

Coastal Louisiana Lidar Appendix A: Flight Logs, Mission GPS, and IMU Processing Reports

Report Date: 9/20/2022

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Appendix A: Flight Logs



Digital Aerial Solutions Flight Log

Project/Flight Plan:		LA_COASTALLOUISIANA_2020_D20			Lift	Temp °C Before	Temp °C After	Pressure (kPa)			Sensor Operator		
Date/Julian:		4/4/2021		Disk Drive			Sensor				Pilot		
Hobbs End		2232.1		MM70 (4)			AIS80_8235				Wes Ashmore		
Hobbs ST		2229.1		TARGET MSL	Target AIRSPD	Base Name	PID	Base Name	PID	Base Height	Aircraft	Airport Identification:	
Flight Time		3		4,069		155	GAO1		GAO2		1.500	C421-N112MJ	KGAO (Galliano, LA)
∠	Flight Line	Mission Line	UTC time:		GPS Altitude	Direction	Speed	Available	S/Vs	Position Acc.		Comments and Conditions:	
			Begin:	End:				MM Space		AVG PDOP	AVG HDOP		
	252	252n	4:20	4:24	4080	312°	152	930	18	1.1	0.7		
	253	253s	4:28	4:33	4052	133°	150	927	17	1.2	0.7		
	254	254n	4:36	4:40	4051	313°	149	924	17	1.2	0.7		
	255	255s	4:43	4:47	4060	134°	150	921	17	1.2	0.7		
	256	256n	4:50	4:54	4064	314°	155	918	16	1.3	0.8		
	257	257s	4:57	5:01	4063	133°	143	915	16	1.4	0.8		
	258	258n	5:04	5:07	4083	312°	151	912	17	1.4	0.8		
	259	259s	5:10	5:14	4069	133°	143	910	17	1.4	0.8		
	260	260n	5:17	5:20	4075	314°	150	907	17	1.4	0.8		
	261	261s	5:23	5:26	4083	133°	145	905	18	1.3	0.8		
	262	262n	5:29	5:32	4077	313°	151	902	17	1.4	0.8		
	263	263s	5:35	5:38	4080	134°	146	900	21	1.1	0.7		
	264	264n	5:41	5:44	4080	313°	154	898	22	1.1	0.7		
	265	265s	5:47	5:50	4084	132°	146	896	21	1.1	0.7		
	266	266n	5:53	5:55	4086	313°	152	894	19	1.2	0.7		
	267	267s	5:58	6:01	4084	133°	146	892	20	1.1	0.7		
	268	268n	6:04	6:06	4082	314°	153	890	21	1.1	0.7		
	269	269s	6:11	6:12	4076	133°	147	888	21	1.1	0.7		
	270	270n	6:16	6:17	4079	312°	153	887	21	1.2	0.7		
	271	271s	6:20	6:22	4089	132°	145	886	20	1.3	0.7		
	272	272n	6:25	6:26	4084	312°	153	885	20	1.3	0.7		
	273	273s	6:29	6:30	4089	134°	145	884	20	1.3	0.7		
	274	274n	6:33	6:34	4082	312°	152	883	20	1.3	0.7		
	275	275s	6:38	6:39	4095	133°	145	882	19	1.3	0.7		
	276	276n	6:42	6:43	4093	314°	155	881	22	1.2	0.7		
	277	277s	6:46	6:46	4085	131°	147	881	22	1.2	0.7		



Digital Aerial Solutions Flight Log

Project/Flight Plan:		LA_COASTALLOUISIANA_2020_D20			Lift	Temp °C Before		Temp °C After		Pressure (kPa)		Sensor Operator		
					15							Geoffrey McCall		
Date/Julian:		4/4/2021		Disk Drive			Sensor					Pilot		
Hobbs End		2232.1		MM70 (4)			AIS80_8235					Wes Ashmore		
Hobbs ST		2229.1		TARGET MSL		Target AIRSPD	Base Name	PID	Base Name	PID	Base Height	Aircraft	Airport Identification:	
Flight Time		3		4,069		155	GAO1		GAO2		1,500	C421-N112MJ	KGAO (Galliano, LA)	
∠	Flight Line	Mission Line	UTC time:		GPS Altitude	Direction	Speed	Available	S/Vs	Position Acc.		Comments and Conditions:		
			Begin:	End:				MM Space		AVG PDOP	AVG HDOP			
	278	278n	6:49	6:50	4092	314°	153	880	23	1.2	0.7			
	279	279s	6:53	6:53	4095	131°	148	880	23	1.2	0.7			
	280	280n	6:57	6:57	4096	314°	154	879	21	1.4	0.7			



Digital Aerial Solutions Flight Log

Project/Flight Plan:		LA_COASTALLOUISIANA_2020_D20			Lift	Temp °C Before	Temp °C After	Pressure (kPa)			Sensor Operator			
Date/Julian:		4/4/2021		Disk Drive			Sensor					Pilot		
Hobbs End		2236.6		MM70 (4)			AIS80_8235					Anthony Kosinski		
Hobbs ST		2232.1		TARGET MSL	Target AIRSPD	Base Name	PID	Base Name	PID	Base Height	Aircraft	Airport Identification:		
Flight Time		3.5		4,069		155		GAO1	GAO2		1.500		C421-N112MJ	KGAO (Galliano, LA)
∠	Flight Line	Mission Line	UTC time:		GPS Altitude	Direction	Speed	Available	S/Vs	Position Acc.		Comments and Conditions:		
			Begin:	End:				MM Space		AVG PDOP	AVG HDOP			
	458	458n	8:06	8:18	4055	314°	152	879	26	1.2	0.6			
	457	457s	8:21	8:34	4044	131°	142	870	25	1.2	0.6			
	456	456n	8:37	8:50	1067	313°	156	861	25	1.2	0.6			
	455	455s	8:53	9:06	4075	132°	146	852	22	1.4	0.7			
	454	454n	9:09	9:22	4074	312°	150	842	20	1.3	0.7			
	453	453s	9:25	9:39	4080	132°	148	833	21	1.2	0.7			
	452	452n	9:42	9:55	4076	315°	152	823	21	1.2	0.6			
	451	451s	9:58	10:12	4064	131°	148	814	21	1.3	0.6			
	450	450n	10:15	10:28	4085	317°	155	804	20	1.2	0.6			
	449	449s	10:31	10:45	4090	130°	148	794	19	1.4	0.7			
	448	448	10:48	11:02	4115	313°	157	784	19	1.4	0.7			



Digital Aerial Solutions Flight Log

Project/Flight Plan:		LA_COASTALLOUISIANA_2020_D20			Lift	Temp °C Before	Temp °C After	Pressure (kPa)			Sensor Operator	
					17					Geoffrey McCall		
Date/Julian:		4/5/2021		Disk Drive			Sensor					
Hobbs End		2239.1		MM70 (4)			AIS80_8235					
Hobbs ST		2235.6		TARGET MSL	Target AIRSPD	Base Name	PID	Base Name	PID	Base Height	Aircraft	Airport Identification:
Flight Time		3.5		4,069	155	GAO1		GAO2		1.500	C421-N112MJ	KGAO (Galliano, LA)
∠	Flight Line	Mission Line	UTC time:		GPS Altitude	Direction	Speed	Available	S/Vs	Position Acc.		Comments and Conditions:
			Begin:	End:				MM Space		AVG PDOP	AVG HDOP	
	447	447n	12:57	13:11	4083	314°	149	774	18	1.2	0.7	
	446	446s	13:14	13:28	4081	131°	142	765	18	1.2	0.7	
	445	445n	13:31	13:44	4042	313°	147	755	18	1.4	0.7	
	444	444s	13:47	14:01	4041	133°	143	745	21	1.1	0.6	
	443	443n	14:04	14:17	4062	312°	150	736	21	1.2	0.6	
	442	442s	14:20	14:33	4057	132°	137	726	20	1.2	0.6	
	441	441n	14:36	14:49	4082	314°	155	717	18	1.4	0.7	
	440	440s	14:53	15:06	4082	131°	140	707	21	1.3	0.7	Possible cloud 14:59
	439	439n	15:09	15:22	4096	312°	157	697	20	1.4	0.7	
	438	438s	15:25	15:38	4095	134°	141	688	19	1.2	0.7	
	437	437n	15:41	15:54	4086	314°	156	679	19	1.2	0.7	Possible clouds 15:53



Digital Aerial Solutions Flight Log

Project/Flight Plan:			LA_COASTALLOUISIANA_2020_D20			Lift	Temp °C Before	Temp °C After	Pressure (kPa)	Sensor Operator				
Date/Julian:			4/6/2021			Disk Drive			Sensor			Pilot		
Hobbs End			2240.2			MM70 (4)			AIS80_8235			Wes Ashmore		
Hobbs ST			2239.3			TARGET MSL	Target AIRSPD	Base Name	PID	Base Name	PID	Base Height	Aircraft	Airport Identification:
Flight Time			0.9			4,069	155	GAO1		GAO2		1.500	C421-N112MJ	KGAO (Galliano, LA)
∟	Flight Line	Mission Line	UTC time:		GPS Altitude	Direction	Speed	Available	S/Vs	Position Acc.		Comments and Conditions:		
			Begin:	End:				MM Space		AVG PDOP	AVG HDOP			
	177	177n	7:43	7:45	4072	314°	165	669	19	1.2	0.6			
	82	82s	8:00	:	4034	134°	153	668	23	1.1	0.6	Aborted due to clouds		



Digital Aerial Solutions Flight Log

Project/Flight Plan:		LA_COASTALLOUISIANA_2020_D20			Lift	Temp °C Before	Temp °C After	Pressure (kPa)	Sensor Operator				
Date/Julian:		4/19/2021			Disk Drive	Sensor			Pilot				
Hobbs End		2250.8			MM70 (4)	AIS80_8235			Anthony Kosinski				
Hobbs ST		2247.1			TARGET MSL	Target AIRSPD	Base Name	PID	Base Name	PID	Base Height	Aircraft	Airport Identification:
Flight Time		3.7			4,069	155	GAO1		GAO2		1.500	C421-N112MJ	KGAO (Galliano, LA)
∠	Flight Line	Mission Line	UTC time:		GPS Altitude	Direction	Speed	Available	S/Vs	Position Acc.		Comments and Conditions:	
			Begin:	End:				MM Space		AVG PDOP	AVG HDOP		
	436	436n	7:32	7:45	4029	314°	148	666	24	1.2	0.6		
	435	435s	7:48	8:01	4042	133°	154	656	21	1.3	0.7		
	434	434n	8:04	8:17	4047	314°	143	646	22	1.3	0.7		
	433	433s	8:20	8:32	4045	135°	147	637	22	1.4	0.7		
	432	432n	8:36	8:48	4063	314°	143	627	22	1.4	0.7		
	431	431s	8:51	9:04	4075	134°	153	618	23	1.3	0.7		
	430	430n	9:07	9:19	4072	313°	145	608	22	1.3	0.7		
	429	429s	9:22	9:33	4075	131°	151	599	23	1.3	0.7		
	428	428n	9:35	9:46	4088	314°	145	591	22	1.3	0.7		
	427	427s	9:49	10:00	4093	135°	153	582	20	1.4	0.7		
	426	426n	10:03	10:14	4090	310°	143	574	20	1.3	0.6		
	425	425s	10:18	10:29	4105	133°	155	656	21	1.4	0.7		



Digital Aerial Solutions Flight Log

Project/Flight Plan:		LA_COASTALLOUISIANA_2020_D20				Lift	Temp °C Before	Temp °C After	Pressure (kPa)		Sensor Operator	
						20					Geoffrey McCall	
Date/Julian:	4/19/2021		Disk Drive			Sensor						Pilot
Hobbs End	2254.1		MM70 (4)			AIS80_8235						Anthony Kosinski
Hobbs ST	2250.8		TARGET MSL	Target AIRSPD	Base Name	PID	Base Name	PID	Base Height	Aircraft	Airport Identification:	
Flight Time	3.3		4,069	155	GAO1		GAO2		1.500	C421-N112MJ	KGAO (Galliano, LA)	
∠	Flight Line	Mission Line	UTC time:		GPS Altitude	Direction	Speed	Available	S/Vs	Position Acc.		Comments and Conditions:
			Begin:	End:				MM Space		AVG PDOP	AVG HDOP	
	424	424n	11:48	12:00	4051	313°	146	557	15	1.4	0.8	
	423	423s	12:03	12:15	4057	133°	158	548	16	1.3	0.9	
	422	422n	12:18	12:30	4062	312°	139	539	17	1.3	0.8	
	421	421s	12:33	12:45	4070	133°	150	529	18	1.3	0.7	
	420	420n	12:48	13:00	4076	313°	142	521	20	1.1	0.6	
	419	419s	13:03	13:15	4081	131°	162	511	19	1.2	0.6	
	418	418n	13:18	13:31	4100	316°	143	502	20	1.3	0.6	
	417	417s	13:33	13:45	4100	134°	161	493	20	1.2	0.6	
	416	416n	13:49	14:00	4087	315°	142	484	21	1.2	0.6	
	415	415s	14:03	14:14	40801	133°	158	475	18	1.4	0.7	
	414	414n	14:20	14:32	4073	312°	154	467	19	1.3	0.7	



Digital Aerial Solutions Flight Log

Project/Flight Plan:		LA_COASTALLOUISIANA_2020_D20		Lift	Temp °C Before	Temp °C After	Pressure (kPa)	Sensor Operator				
				21				Geoffrey McCall				
Date/Julian:		4/20/2021	Disk Drive			Sensor					Pilot	
Hobbs End		2257.8	MM70 (4)			AIS80_8235					Anthony Kosinski	
Hobbs ST		2254.1	TARGET MSL	Target AIRSPD	Base Name	PID	Base Name	PID	Base Height	Aircraft	Airport Identification:	
Flight Time		3.7	4,069	155	GAO1		GAO2		1.500	C421-N112MJ	KGAO (Galliano, LA)	
∠	Flight Line	Mission Line	UTC time:		GPS Altitude	Direction	Speed	Available	S/Vs	Position Acc.		Comments and Conditions:
			Begin:	End:				MM Space		AVG PDOP	AVG HDOP	
	413	413n	9:10	9:23	4035	314°	156	458	21	1.2	0.6	Rain 14 NM from end
	412	412s	9:25	9:38	4045	133°	146	449	21	1.3	0.7	Rain 10 NM from end
	411	411n	9:41	9:54	4043	313°	158	439	20	1.3	0.7	
	410	410s	9:57	10:10	4047	134°	140	430	17	1.5	0.7	Rain 8 NM from end
	409	409n	10:13	10:25	4067	314°	154	421	20	1.4	0.7	Rain 30 NM from end
	408	408s	10:28	10:41	4054	133°	143	412	20	1.2	0.7	
	407	407n	10:43	10:56	4084	312°	160	403	20	1.1	0.7	
	406	406s	10:59	11:11	4070	135°	141	394	16	1.4	0.8	
	405	405n	11:14	11:27	4079	315°	163	385	16	1.1	0.7	
	404	404s	11:30	11:42	4082	132°	150	376	14	1.2	0.7	
	403	403n	11:45	11:55	4094	314°	159	368	16	1.2	0.7	
	402	402s	11:58	12:08	4100	134°	142	361	16	1.2	0.7	



Digital Aerial Solutions Flight Log

Project/Flight Plan:		LA_COASTALLOUISIANA_2020_D20			Lift	Temp °C Before	Temp °C After	Pressure (kPa)			Sensor Operator		
Date/Julian:		4/28/2021		Disk Drive			Sensor				Pilot		
Hobbs End		2285.7		MM70 (2)			AIS80_8235				Mike Wasielewski		
Hobbs ST		2282.3		TARGET MSL	Target AIRSPD	Base Name	PID	Base Name	PID	Base Height	Aircraft	Airport Identification:	
Flight Time		3.4		4,069		155	GAO1		GAO2		1.500	C421-N112MJ	KGAO (Galliano, LA)
∠	Flight Line	Mission Line	UTC time:		GPS Altitude	Direction	Speed	Available	S/Vs	Position Acc.		Comments and Conditions:	
			Begin:	End:				MM Space		AVG PDOP	AVG HDOP		
	68	68s	:10	:22	4024	133°	152	486	20	1.3	0.7		
	67	67n	:26	:38	4061	311°	153	478	20	1.4	0.6		
	66	66s	:43	:55	4066	132°	150	470	21	1.3	0.6		
	65	65n	:59	1:12	4090	311°	153	461	21	1.4	0.7		
	83	83s	1:22	1:24	4088	133°	154	453	19	1.4	0.7		
	84	84n	1:27	1:29	4111	312°	156	451	17	1.5	0.7		
	85	85s	1:33	1:35	3969	134°	154	450	19	1.4	0.7		
	86	86n	1:39	1:41	4050	312°	155	449	19	1.4	0.8		
	87	87s	1:44	1:46	4047	133°	151	447	19	1.4	0.8		
	88	88n	1:50	1:52	4065	315°	153	446	19	1.4	0.8		
	89	89s	1:55	1:57	4058	133°	151	445	18	1.4	0.8		
	90	90n	2:00	2:02	4068	315°	154	444	17	1.5	0.8		
	91	91s	2:05	2:07	3880	131°	152	443	18	1.4	0.8		
	92	92n	2:11	2:13	3889	316°	156	441	19	1.4	0.9		
	93	93s	2:17	2:18	3922	133°	150	440	18	1.5	0.8		
	94	94n	2:22	2:23	3969	315°	156	439	18	1.5	0.9		
	95	95s	2:27	2:29	4060	134°	151	438	18	1.5	0.9		
	110	110n	2:33	2:34	4080	317°	154	437	19	1.4	0.8		
	111	111s	2:38	2:40	4071	132°	149	436	20	1.4	0.8		
	112	112n	2:43	2:44	4085	315°	157	435	20	1.4	0.8		
	113	113s	2:48	2:49	4077	132°	151	434	20	1.4	0.8		



Digital Aerial Solutions Flight Log

Project/Flight Plan:		LA_COASTALLOUISIANA_2020_D20			Lift	Temp °C Before	Temp °C After	Pressure (kPa)			Sensor Operator		
Date/Julian:		4/29/2021		Disk Drive			Sensor					Pilot	
Hobbs End		2289.4		MM70 (2)			AIS80_8235					Anthony Kosinski	
Hobbs ST		2285.7		TARGET MSL		Target AIRSPD	Base Name	PID	Base Name	PID	Base Height	Aircraft	Airport Identification:
Flight Time		3.7		4,069		155	GAO1		GAO2		1.500	C421-N112MJ	KGAO (Galliano, LA)
∠	Flight Line	Mission Line	UTC time:		GPS Altitude	Direction	Speed	Available MM Space	S/Vs	Position Acc.		Comments and Conditions:	
			Begin:	End:						AVG PDOP	AVG HDOP		
	64	64	:46	:59	4040	133°	162	433	21	1.2	0.7		
	63	63	1:03	1:16	4082	313°	144	424	19	1.5	0.8		
	62	62	1:19	1:33	4097	135°	142	415	19	1.6	0.8		
	61	61	1:37	1:50	4085	312°	145	406	19	1.5	0.8		
	60	60	1:53	2:06	4085	135°	152	397	18	1.4	0.8		
	59	59	2:09	2:23	4049	314°	142	388	21	1.1	0.7		
	58	58	2:26	2:39	4033	131°	159	379	21	1.2	0.7		
	57	57	2:43	2:57	4073	312°	149	369	21	1.2	0.7		
	56	56	3:00	3:13	4068	133°	154	360	21	1.2	0.7		
	55	55	3:16	3:30	4082	314°	149	351	21	1.5	0.8		
	54	54	3:33	3:47	4103	134°	157	341	21	1.6	0.8		



Digital Aerial Solutions Flight Log

Project/Flight Plan:		LA_COASTALLOUISIANA_2020_D20			Lift	Temp °C Before	Temp °C After	Pressure (kPa)		Sensor Operator			
					30					Geoffrey McCall			
Date/Julian:		5/13/2021		Disk Drive		Sensor <th colspan="2">Pilot</th>					Pilot		
Hobbs End		2302.3		MM70 (1)		AIS80_8235					Wes Ashmore		
Hobbs ST		2299		TARGET MSL	Target AIRSPD	Base Name	PID	Base Name	PID	Base Height	Aircraft	Airport Identification:	
Flight Time		3.3		4,069		155	GAO1		GAO2		1.500	C421-N112MJ	KGAO (Galliano, LA)
∟	Flight Line	Mission Line	UTC time:		GPS Altitude	Direction	Speed	Available	S/Vs	Position Acc.		Comments and Conditions:	
			Begin:	End:				MM Space		AVG PDOP	AVG HDOP		
	53	53s	1:03	1:17	4028	132°	151	1022	16	1.6	0.8		
	52	52n	1:20	1:34	4049	314°	156	1011	18	1.2	0.7		
	51	51s	1:37	1:51	4072	130°	147	1001	17	1.2	0.7		
	50	50n	1:54	2:08	4095	314°	150	990	17	1.2	0.7		
	49	49s	2:11	2:25	4069	131°	150	980	16	1.4	0.8		
	48	48n	2:28	2:42	4045	313°	152	969	16	1.4	0.8	Possible clouds at start and 17nm from end	
	47	47s	2:46	3:00	4006	133°	152	959	17	1.4	0.7		
	46	46n	3:03	3:17	4011	314°	149	948	21	1.1	0.6		
	44	44s	3:19	3:33	3933	126°	150	938	21	1.1	0.7		
	43	43n	3:36	3:49	3971	313°	150	928	18	1.3	0.7		



Digital Aerial Solutions Flight Log

Project/Flight Plan:		LA_COASTALLOUISIANA_2020_D20			Lift	Temp °C Before	Temp °C After	Pressure (kPa)		Sensor Operator		
Date/Julian:		5/13/2021		Disk Drive		Sensor					Pilot	
Hobbs End		2305.4		MM70 (1)		AIS80_8235					Anthony Kosinski	
Hobbs ST		2302.3		TARGET MSL	Target AIRSPD	Base Name	PID	Base Name	PID	Base Height	Aircraft	Airport Identification:
Flight Time		3.1		4,069		155		GAO1	GAO2	1.500	C421-N112MJ	KGAO (Galliano, LA)
∠	Flight Line	Mission Line	UTC time:		GPS Altitude	Direction	Speed	Available MM Space	S/Vs	Position Acc.		Comments and Conditions:
			Begin:	End:						AVG PDOP	AVG HDOP	
	362	362s	5:25	5:33	4053	133°	149	917	22	1.3	0.6	
	361	361n	5:36	5:44	4046	314°	141	911	20	1.3	0.6	
	360	360s	5:47	5:55	4050	132°	155	905	20	1.3	0.6	
	359	359n	5:58	6:06	4056	315°	144	900	19	1.3	0.7	
	358	358s	6:10	6:17	4044	133°	150	894	18	1.4	0.7	
	357	357n	6:20	6:28	4067	313°	141	888	16	1.5	0.8	
	356	356s	6:31	6:39	4053	132°	158	882	17	1.5	0.9	
	355	355n	6:42	6:50	4048	316°	145	877	18	1.3	0.7	
	354	354s	6:53	7:01	4062	131°	159	871	18	1.3	0.7	
	353	353n	7:04	7:12	4072	312°	143	865	19	1.2	0.6	
	352	352s	7:15	7:23	4049	133°	161	860	19	1.3	0.6	
	351	351n	7:26	7:34	4070	314°	139	854	18	1.3	0.6	
	350	350s	7:37	7:45	4066	133°	160	848	18	1.2	0.6	



Digital Aerial Solutions Flight Log

Project/Flight Plan:		LA_COASTALLOUISIANA_2020_D20			Lift	Temp °C Before	Temp °C After	Pressure (kPa)			Sensor Operator		
Date/Julian:		5/14/2021		Disk Drive			Sensor				Pilot		
Hobbs End		2308.8		MM70 (1)			AIS80_8235				Wes Ashmore		
Hobbs ST		2305.4		TARGET MSL	Target AIRSPD	Base Name	PID	Base Name	PID	Base Height	Aircraft	Airport Identification:	
Flight Time		3.4		4,069		155	GAO1		GAO2		1.500	C421-N112MJ	KGAO (Galliano, LA)
∟	Flight Line	Mission Line	UTC time:		GPS Altitude	Direction	Speed	Available	S/Vs	Position Acc.		Comments and Conditions:	
			Begin:	End:				MM Space		AVG PDOP	AVG HDOP		
	42	42s	1:07	1:21	3969	131°	154	843	15	1.4	0.9		
	41	41n	1:24	1:38	4004	313°	157	832	15	1.6	0.9		
	40	40s	1:41	1:55	4019	133°	144	822	17	1.4	0.8		
	39	39n	1:58	2:12	4013	313°	157	812	16	1.5	0.8		
	38	38s	2:14	2:28	4003	132°	143	802	16	1.5	0.8		
	37	37n	2:32	2:46	4015	313°	160	792	14	1.7	0.8		
	36	36s	2:49	3:03	4047	132°	148	782	18	1.2	0.6		
	35	35n	3:06	3:21	4066	314°	155	772	20	1.1	0.6		
	34	34s	3:24	3:38	4053	132°	144	762	19	1.3	0.6		
	33	33n	3:41	3:56	4082	314°	154	752	18	1.4	0.7		



Digital Aerial Solutions Flight Log

Project/Flight Plan:		LA_COASTALLOUISIANA_2020_D20				Lift	Temp °C Before		Temp °C After		Pressure (kPa)		Sensor Operator	
						33A							Geoffrey McCall	
Date/Julian:		5/14/2021		Disk Drive			Sensor					Pilot		
Hobbs End		2312.2		MM70 (1)			AIS80_8235					Anthony Kosinski		
Hobbs ST		2308.8		TARGET MSL		Target AIRSPD	Base Name	PID	Base Name	PID	Base Height	Aircraft	Airport Identification:	
Flight Time		3.4		4,069		155	GAO1		GAO2		1.500	C421-N112MJ	KGAO (Galliano, LA)	
∠	Flight Line	Mission Line	UTC time:		GPS Altitude	Direction	Speed	Available	S/Vs	Position Acc.		Comments and Conditions:		
			Begin:	End:				MM Space		AVG PDOP	AVG HDOP			
	349	349s	5:16	5:24	4072	133°	144	742	20	1.2	0.6			
	348	348n	5:27	5:35	4063	314°	159	736	25	1.1	0.6			
	347	347s	5:38	5:46	4066	133°	145	731	22	1.3	0.7			
	346	346n	5:49	5:56	4068	312°	154	726	24	1.2	0.6			
	345	345s	5:59	6:07	4064	135°	146	721	21	1.5	0.7			
	344	344n	6:10	6:18	4088	313°	155	715	19	1.4	0.6			
	343	343s	6:21	6:29	4053	132°	146	710	22	1.2	0.6	TDC error. Stopped recording 1.5nm from end.		



Digital Aerial Solutions Flight Log

Project/Flight Plan:		LA_COASTALLOUISIANA_2020_D20		Lift	Temp °C Before	Temp °C After	Pressure (kPa)		Sensor Operator					
Date/Julian:		5/14/2021		Disk Drive		Sensor				Pilot				
Hobbs End		2312.2		MM70 (1)		AIS80_8235				Anthony Kosinski				
Hobbs ST		2308.8		TARGET MSL	Target AIRSPD	Base Name	PID	Base Name	PID	Base Height	Aircraft	Airport Identification:		
Flight Time		3.4		4,069		155		GAO1		GAO2		1.500	C421-N112MJ	KGAO (Galliano, LA)
∠	Flight Line	Mission Line	UTC time:		GPS Altitude	Direction	Speed	Available	S/Vs	Position Acc.		Comments and Conditions:		
			Begin:	End:				MM Space		AVG PDOP	AVG HDOP			
	343	refly 1.5nm	6:57	6:58	4070	313°	158	705	20	1.1	0.6	TDC Buffer. Airstart and refly 1.5nm		
	342	342n	7:03	7:11	4110	314°	160	704	21	1.2	0.6			
	341	341s	7:14	7:21	4069	133°	145	699	20	1.2	0.6			
	340	340n	7:25	7:32	4100	315°	158	693	20	1.2	0.6			
	339	339s	7:35	7:43	4047	132°	149	689	19	1.3	0.7			
	338	338n	7:45	7:52	4085	312°	157	684	20	1.2	0.7			



Digital Aerial Solutions Flight Log

Project/Flight Plan:		LA_COASTALLOUISIANA_2020_D20		Lift	Temp °C Before	Temp °C After	Pressure (kPa)		Sensor Operator			
				34					Geoffrey McCall			
Date/Julian:		5/16/2021		Disk Drive		Sensor <th>Pilot</th>				Pilot		
Hobbs End		2316.2		MM70 (1)		AIS80_8235				Anthony Kosinski		
Hobbs ST		2312.7		TARGET MSL	Target AIRSPD	Base Name	PID	Base Name	PID	Base Height	Aircraft	Airport Identification:
Flight Time		3.5		4,069	155	GAO1		GAO2		1.500	C421-N112MJ	KGAO (Galliano, LA)
∟	Flight Line	Mission Line	UTC time:		GPS Altitude	Direction	Speed	Available	S/Vs	Position Acc.		Comments and Conditions:
			Begin:	End:				MM Space		AVG PDOP	AVG HDOP	
	337	337s	5:58	6:05	4075	132°	133	679	22	1.2	0.6	
	336	336n	6:09	6:14	4108	313°	157	674	20	1.2	0.7	
	334	334s	6:19	6:24	4076	134°	135	670	20	1.2	0.6	
	333	333n	6:28	6:33	4100	315°	155	666	21	1.1	0.6	
	332	332s	6:37	6:43	4060	134°	131	663	20	1.3	0.7	
	331	331n	6:46	6:51	4105	312°	157	659	20	1.3	0.7	
	330	330s	6:55	7:00	4082	133°	130	655	22	1.2	0.6	
	329	329n	7:04	7:09	4110	315°	156	651	22	1.2	0.6	
	328	328s	7:12	7:17	4078	132°	131	649	22	1.2	0.6	
	321	321n	7:20	7:23	4091	314°	158	645	22	1.2	0.6	
	320	320s	7:26	7:30	4086	133°	134	643	20	1.3	0.6	
	319	319n	7:34	7:37	4107	314°	160	641	23	1.1	0.6	
	318	318s	7:40	7:44	4092	131°	130	639	20	1.2	0.6	
	317	317n	7:48	7:51	4122	313°	157	636	18	1.4	0.7	
	316	316s	7:55	7:59	4056	132°	131	634	19	1.3	0.7	
	315	315n	8:02	8:06	4090	312°	156	631	20	1.2	0.6	
	314	314s	8:09	8:13	4049	133°	134	628	19	1.4	0.6	
	313	313n	8:16	8:19	4098	314°	154	626	19	1.4	0.7	
	310	310s	8:22	8:26	4053	131°	134	624	19	1.4	0.7	
	309	309n	8:30	8:33	4100	313°	158	621	21	1.2	0.6	



Digital Aerial Solutions Flight Log

Project/Flight Plan:		LA_COASTALLOUISIANA_2020_D20			Lift	Temp °C Before	Temp °C After	Pressure (kPa)			Sensor Operator	
Date/Julian:		5/16/2021		Disk Drive			Sensor				Pilot	
Hobbs End		2319.2		MM70 (1)			ALS80_8235				Wes Ashmore	
Hobbs ST		2316.2		TARGET MSL	Target AIRSPD	Base Name	PID	Base Name	PID	Base Height	Aircraft	Airport Identification:
Flight Time		3		4,069		155	GAO1	GAO2		1.500	C421-N112MJ	KGAO (Galliano, LA)
∠	Flight Line	Mission Line	UTC time:		GPS Altitude	Direction	Speed	Available	S/Vs	Position Acc.		Comments and Conditions:
			Begin:	End:				MM Space		AVG PDOP	AVG HDOP	
	308	308s	10:07	10:10	4025	132°	138	619	17	1.2	0.7	
	307	307n	10:13	10:16	4063	313°	154	616	17	1.2	0.7	
	306	306s	10:21	10:24	4032	133°	136	614	17	1.2	0.7	
	305	305n	10:27	10:30	4065	312°	160	612	17	1.2	0.7	
	304	304s	10:34	10:37	4039	133°	141	610	17	1.3	0.8	
	303	303n	10:40	10:43	4076	314°	150	607	17	1.3	0.7	
	302	302s	10:46	10:49	4058	133°	142	606	19	1.3	0.7	
	301	301n	10:53	10:55	4086	314°	155	604	19	1.2	0.7	
	300	300s	10:59	11:02	4051	136°	142	602	20	1.1	0.6	
	299	299n	11:06	11:08	4092	314°	152	600	19	1.2	0.7	
	296	296s	11:12	11:13	4060	133°	142	599	20	1.1	0.6	
	295	295s	11:17	11:18	4071	129°	138	598	20	1.2	0.6	
	294	294n	11:21	11:22	4100	314°	156	597	19	1.2	0.6	
	293	293s	11:26	11:26	4080	133°	139	597	20	1.2	0.6	
	292	292n	11:30	11:31	4108	314°	154	596	20	1.2	0.6	
	291	291s	11:34	11:35	4074	134°	140	596	20	1.2	0.6	
	290	290n	11:39	11:39	4109	315°	155	595	20	1.2	0.7	
	289	289s	11:44	11:44	4071	133°	143	594	20	1.2	0.6	
	288	288n	11:49	11:49	411	314°	153	594	21	1.2	0.6	
	287	287s	11:52	11:53	4073	133°	140	593	23	1.2	0.6	
	286	286n	11:57	11:57	4115	313°	155	593	23	1.2	0.6	
	285	285s	12:01	12:02	4078	133°	142	592	23	1.1	0.6	
	284	284n	12:06	12:06	4114	313°	149	592	22	1.2	0.6	
	283	283s	12:10	12:28	4077	228°	152	592	20	1.3	0.7	cross strip



Digital Aerial Solutions Flight Log

Project/Flight Plan:		LA_COASTALLOUISIANA_2020_D20			Lift	Temp °C Before	Temp °C After	Pressure (kPa)			Sensor Operator	
					36a							Geoffrey McCall
Date/Julian:		5/24/2021		Disk Drive			Sensor				Pilot	
Hobbs End		2327		MM70 (1)			AIS80_8235				Anthony Kosinski	
Hobbs ST		2325.6		TARGET MSL	Target AIRSPD	Base Name	PID	Base Name	PID	Base Height	Aircraft	Airport Identification:
Flight Time		1.4		4,069		155	GAO1	GAO2		1.500	C421-N112MJ	KGAO (Galliano, LA)
∠	Flight Line	Mission Line	UTC time:		GPS Altitude	Direction	Speed	Available	S/Vs	Position Acc.		Comments and Conditions:
			Begin:	End:				MM Space		AVG PDOP	AVG HDOP	
	1	1s	21:52	21:52	4104	133°	150	578	23	1.1	0.6	
	2	2n	21:56	21:56	4109	312°	154	578	22	1.2	0.6	Buffer error/ Airstart



Digital Aerial Solutions Flight Log

Project/Flight Plan:		LA_COASTALLOUISIANA_2020_D20			Lift	Temp °C Before	Temp °C After	Pressure (kPa)		Sensor Operator		
					36b					Geoffrey McCall		
Date/Julian:		5/24/2021		Disk Drive		Sensor				Pilot		
Hobbs End		2327		MM70 (1)		AIS80_8235				Anthony Kosinski		
Hobbs ST		2325.6		TARGET MSL	Target AIRSPD	Base Name	PID	Base Name	PID	Base Height	Aircraft	Airport Identification:
Flight Time		1.4		4,069	155	GAO1		GAO2		1.500	C421-N112MJ	KGAO (Galliano, LA)
∠	Flight Line	Mission Line	UTC time:		GPS Altitude	Direction	Speed	Available	S/Vs	Position Acc.		Comments and Conditions:
			Begin:	End:				MM Space		AVG PDOP	AVG HDOP	
	3	3s										
	3	3n	22:14	22:15	4155	314°	150	806	23	1.1	0.6	Drive 3



Digital Aerial Solutions Flight Log

Project/Flight Plan:		LA_COASTALLOUISIANA_2020_D20			Lift	Temp °C Before	Temp °C After	Pressure (kPa)	Sensor Operator			
Date/Julian:		5/24/2021		Disk Drive			Sensor				Pilot	
Hobbs End		2328.8		MM70 (3)			AIS80_8235				Anthony Kosinski	
Hobbs ST		2327		TARGET MSL	Target AIRSPD	Base Name	PID	Base Name	PID	Base Height	Aircraft	Airport Identification:
Flight Time		1.8		4,069		155	GAO1	GAO2		1.500	C421-N112MJ	KGAO (Galliano, LA)
∠	Flight Line	Mission Line	UTC time:		GPS Altitude	Direction	Speed	Available	S/Vs	Position Acc.		Comments and Conditions:
			Begin:	End:				MM Space		AVG PDOP	AVG HDOP	
	504	504	3:59	3:59	4095	313°	150	805	16	1.3	0.7	
	506	506	4:04	4:06	4100	133°	138	805	16	1.3	0.7	
	505	505	4:10	4:10	4126	312°	145	804	16	1.3	0.7	
	501	501	4:14	4:14	4125	133°	137	803	15	1.5	0.7	
	502	502	4:17	4:17	4101	131°	139	803	15	1.5	0.7	
	503	503	4:19	4:19	4112	134°	138	803	16	1.5	0.6	
	507	507	4:28	4:29	4118	314°	153	803	21	1.1	0.6	
	282	282	4:49	5:02	3975	207°	143	802	23	1.1	0.5	Cross-strip



Digital Aerial Solutions Flight Log

Project/Flight Plan:		LA_COASTALLOUISIANA_2020_D20			Lift	38	Temp °C Before		Temp °C After		Pressure (kPa)		Sensor Operator	Geoffrey McCall					
Date/Julian:	5/25/2021	Disk Drive			Sensor <th>Pilot</th> <td>Anthony Kosinski</td>								Pilot	Anthony Kosinski					
Hobbs End	2330.5	MM70 (3)			AIS80_8235								Anthony Kosinski						
Hobbs ST	2328.8	TARGET MSL	4,069	Target AIRSPD	155	Base Name	GAO1	PID		Base Name	GAO2	PID		Base Height	1.500	Aircraft	C421-N112MJ	Airport Identification:	KGAO (Galliano, LA)
Flight Time	1.7																		
∠	Flight Line	Mission Line	UTC time:		GPS Altitude	Direction	Speed	Available	S/Vs	Position Acc.		Comments and Conditions:							
			Begin:	End:				MM Space		AVG PDOP	AVG HDOP								
	17	17s	21:58	22:06	4040	133°	152	792	21	1.2	0.6								
	18	18n	22:09	22:17	4081	313°	147	787	21	1.2	0.6								
	19	19s	22:20	22:28	4076	134°	144	781	22	1.1	0.6								
	21	21n	22:32	22:41	4085	315°	156	776	20	1.2	0.7	Possible clouds 7nm from North							
	96	96s	22:51	22:53	4053	134°	154	769	19	1.1	0.6								



Digital Aerial Solutions Flight Log

Project/Flight Plan:		LA_COASTALLOUISIANA_2020_D20			Lift	Temp °C Before	Temp °C After	Pressure (kPa)			Sensor Operator		
					39						Geoffrey McCall		
Date/Julian:		5/26/2021		Disk Drive			Sensor					Pilot	
Hobbs End		2333.7		MM70 (3)			AIS80_8235					Anthony Kosinski	
Hobbs ST		2331.5		TARGET MSL		Target AIRSPD	Base Name	PID	Base Name	PID	Base Height	Aircraft	Airport Identification:
Flight Time		2.2		4,069		155	GAO1		GAO2		1.500	C421-N112MJ	KGAO (Galliano, LA)
∟	Flight Line	Mission Line	UTC time:		GPS Altitude	Direction	Speed	Available	S/Vs	Position Acc.		Comments and Conditions:	
			Begin:	End:				MM Space		AVG PDOP	AVG HDOP		
	104	104s	22:24	22:26	4090	133°	157	763	23	1.1	0.6		
	105	105n	22:29	22:31	4108	314°	144	762	22	1.2	0.6		
	106	106s	22:34	22:36	4107	135°	147	761	22	1.2	0.6		
	107	107n	22:39	22:41	4096	314°	148	759	22	1.2	0.6		
	108	108s	22:43	22:45	4099	133°	153	758	22	1.1	0.6		
	109	109n	22:48	22:50	4105	313°	147	757	22	1.1	0.6		
	114	114s	22:52	22:53	4120	133°	148	756	22	1.1	0.6		
	115	115n	22:56	22:57	4112	311°	148	755	20	1.2	0.6		
	116	116s	23:00	23:01	4124	134°	150	755	20	1.1	0.6		
	117	117n	23:04	23:04	4113	312°	149	754	20	1.2	0.6		
	103	103s	23:09	23:11	4120	133°	152	754	18	1.2	0.7		
	102	102n	23:14	23:15	4087	313°	150	753	18	1.5	0.8		
	501	501s	23:24	23:24	4072	133°	155	751	18	1.4	0.8		
	508	508n	23:31	23:34	4082	313°	151	751	18	1.4	0.8		



Digital Aerial Solutions Flight Log

Project/Flight Plan:		LA_COASTALLOUISIANA_2020_D20			Lift	Temp °C Before		Temp °C After		Pressure (kPa)		Sensor Operator		
					40							Geoffrey McCall		
Date/Julian:		5/26/2021			Disk Drive		Sensor <th colspan="2">Pilot</th>					Pilot		
Hobbs End		2337.4			MM70 (3)		AIS80_8235					Anthony Kosinski		
Hobbs ST		2333.7			TARGET MSL	Target AIRSPD	Base Name	PID	Base Name	PID	Base Height	Aircraft	Airport Identification:	
Flight Time		3.7			4,069		155		GAO1		GAO2		1.500	
∟	Flight Line	Mission Line	UTC time:		GPS Altitude	Direction	Speed	Available	S/Vs	Position Acc.		Comments and Conditions:		
			Begin:	End:				MM Space		AVG PDOP	AVG HDOP			
	32	32s	2:09	2:23	4074	133°	156	749	20	1.1	0.6	Clouds last mile		
	20	20n	2:26	2:36	4064	314°	149	739	22	1.1	0.6	Clouds first mile		
	22	22s	2:39	2:49	4017	133°	149	733	22	1.1	0.6			
	23	23n	2:52	3:02	4027	315°	152	726	18	1.2	0.6			
	24	24s	3:05	3:15	4036	133°	151	719	18	1.2	0.6			
	25	25n	3:18	3:28	4040	314°	153	712	19	1.3	0.6			
	26	26s	3:31	3:41	4025	132°	157	705	18	1.3	0.7			
	27	27n	3:44	3:55	4043	313°	151	698	18	1.3	0.7			
	28	28s	3:58	4:08	4050	132°	155	691	17	1.3	0.7			
	29	29n	4:12	4:22	4048	313°	152	684	19	1.3	0.7			
	30	30s	4:25	4:36	4043	133°	157	677	21	1.1	0.6			
	31	31n	4:39	4:54	4050	314°	146	669	18	1.2	0.6			
	97	97s	5:06	5:08	4036	133°	156	660	19	1.2	0.6			
	98	98n	5:11	5:13	4048	314°	150	658	18	1.3	0.6			



Digital Aerial Solutions Flight Log

Project/Flight Plan:		LA_COASTALLOUISIANA_2020_D20				Lift	Temp °C Before		Temp °C After		Pressure (kPa)		Sensor Operator	
						41							Geoffrey McCall	
Date/Julian:		5/27/2021			Disk Drive			Sensor				Pilot		
Hobbs End		2338.4			MM70 (3)			AIS80_8235				Anthony Kosinski		
Hobbs ST		2337.4			TARGET MSL		Target AIRSPD	Base Name	PID	Base Name	PID	Base Height	Aircraft	Airport Identification:
Flight Time		1			4,069		155	GAO1		GAO2		1.500	C421-N112MJ	KGAO (Galliano, LA)
∠	Flight Line	Mission Line	UTC time:		GPS Altitude	Direction	Speed	Available	S/Vs	Position Acc.		Comments and Conditions:		
			Begin:	End:				MM Space		AVG PDOP	AVG HDOP			
	99	99s	23:37	23:39	4047	133°	152	657	18	1.4	0.8			
	100	100n	23:42	23:44	4086	314°	150	655	18	1.4	0.8			
	101	101s	23:47	23:48	4088	134°	149	654	18	1.4	0.8			

Appendix B: GPS Session Forms

GPS SESSION FORM



Contract # / TO # 140G0220F245		Client / Project Name Dewberry Engineers Inc. LA_COASTALLOUISIANA_2020_D20		Date 3/3/2021	
DAS Project No. 20009		Survey Firm DAS		Operator Name Chuckquan Harris	
Monument Name/Designation GAO1			Exact Stamping (include photo in survey report) N/A		
Monument No./PID N/A		Collection Type (circle one) <input checked="" type="radio"/> ABGPS <input type="radio"/> STATIC <input type="radio"/> RTK		File Name (receiver generated) 6674_0303_193019.m00	
Receiver Manufacturer N/A		Receiver Model N/A		Receiver Serial No. N/A	
Data Collector Manufacturer Leica		Data Collector Model GS-15		Data Collector Serial No. 1516674	
Antenna Part No. 6194452		Antenna Model N/A		Antenna Serial No. N/A	
Starting Antenna Height in Feet 1 2 3 AVG		Starting Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Ending Antenna Height in Feet 1 2 3 AVG		Ending Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Antenna Reference Point (include and reference a dimensional diagram in Survey Report) (e.g., bottom edge of notch in ground plane, Page 5, Figure 2)					
Start Date (UTC) 3/4/2021		Start Time (UTC) 0:47		Approx. Lat. (if available) 29 26 32.98384 N	
End Date (UTC) 3/4/2021		End Time (UTC) 5:33		Approx. Long. (if available) 90 15 51.11755 W	
Describe any abnormalities and/or problems encountered during the session, include time of occurrence and duration.			Site Diagram/Setup-Photo		

GPS SESSION FORM



Contract # / TO # 140G0220F245		Client / Project Name Dewberry Engineers Inc. LA_COASTALLOUISIANA_2020_D20		Date 3/3/2021	
DAS Project No. 20009		Survey Firm DAS		Operator Name Chuckquan Harris	
Monument Name/Designation GAO2			Exact Stamping (include photo in survey report) N/A		
Monument No./PID N/A		Collection Type (circle one) <input checked="" type="radio"/> ABGPS <input type="radio"/> STATIC <input type="radio"/> RTK		File Name (receiver generated) 1514_0303_193024.m00	
Receiver Manufacturer N/A		Receiver Model N/A		Receiver Serial No. N/A	
Data Collector Manufacturer Leica		Data Collector Model GS-15		Data Collector Serial No. 1501514	
Antenna Part No. 3725413		Antenna Model N/A		Antenna Serial No. N/A	
Starting Antenna Height in Feet 1 2 3 AVG		Starting Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Ending Antenna Height in Feet 1 2 3 AVG		Ending Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Antenna Reference Point (include and reference a dimensional diagram in Survey Report) (e.g., bottom edge of notch in ground plane, Page 5, Figure 2)					
Start Date (UTC) 3/4/2021		Start Time (UTC) 0:44		Approx. Lat. (if available) 29 26 33.51476 N	
End Date (UTC) 3/4/2021		End Time (UTC) 5:33		Approx. Long. (if available) 90 15 51.15413 W	
Describe any abnormalities and/or problems encountered during the session, include time of occurrence and duration.			Site Diagram/Setup-Photo		

GPS SESSION FORM



Contract # / TO # 140G0220F245		Client / Project Name Dewberry Engineers Inc. LA_COASTALLOUISIANA_2020_D20		Date 3/3/2021	
DAS Project No. 20009		Survey Firm DAS		Operator Name Chuckquan Harris	
Monument Name/Designation MSIN			Exact Stamping <i>(include photo in survey report)</i> INFINITY CENTER CORS ARP		
Monument No./PID DN8737		Collection Type <i>(circle one)</i> <input checked="" type="radio"/> ABGPS <input type="radio"/> STATIC <input type="radio"/> RTK		File Name <i>(receiver generated)</i> msin0620.21o	
Receiver Manufacturer N/A		Receiver Model N/A		Receiver Serial No. N/A	
Data Collector Manufacturer Trimble		Data Collector Model		Data Collector Serial No.	
Antenna Part No.		Antenna Model TRIM115000.00		Antenna Serial No. 1550946218	
Starting Antenna Height in Feet 1 2 3 AVG		Starting Antenna Height in Meters 1 2 3 AVG		Type of Measurement <i>(circle one)</i> TRUE VERTICAL <input checked="" type="radio"/> ARP	
Ending Antenna Height in Feet 1 2 3 AVG		Ending Antenna Height in Meters 1 2 3 AVG		Type of Measurement <i>(circle one)</i> TRUE VERTICAL <input checked="" type="radio"/> ARP	
Antenna Reference Point <i>(include and reference a dimensional diagram in Survey Report)</i> <i>(e.g., bottom edge of notch in ground plane, Page 5, Figure 2)</i>					
Start Date (UTC) 3/3/2021		Start Time (UTC) 23:00		Approx. Lat. <i>(if available)</i> 30 18 42.22537 N	
End Date (UTC) 3/4/2021		End Time (UTC) 6:00		Approx. Long. <i>(if available)</i> 89 36 15.53908 W	
Describe any abnormalities and/or problems encountered during the session, include time of occurrence and duration.			Site Diagram/Setup-Photo		

GPS SESSION FORM



Contract # / TO # 140G0220F245		Client / Project Name Dewberry Engineers Inc. LA_COASTALLOUISIANA_2020_D20		Date 3/4/2021	
DAS Project No. 20009		Survey Firm DAS		Operator Name Chuckquan Harris	
Monument Name/Designation GAO1			Exact Stamping (include photo in survey report) N/A		
Monument No./PID N/A		Collection Type (circle one) <input checked="" type="radio"/> ABGPS <input type="radio"/> STATIC <input type="radio"/> RTK		File Name (receiver generated) 6674_0304_203816.m00	
Receiver Manufacturer N/A		Receiver Model N/A		Receiver Serial No. N/A	
Data Collector Manufacturer Leica		Data Collector Model GS-15		Data Collector Serial No. 1516674	
Antenna Part No. 6194452		Antenna Model N/A		Antenna Serial No. N/A	
Starting Antenna Height in Feet 1 2 3 AVG		Starting Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Ending Antenna Height in Feet 1 2 3 AVG		Ending Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Antenna Reference Point (include and reference a dimensional diagram in Survey Report) (e.g., bottom edge of notch in ground plane, Page 5, Figure 2)					
Start Date (UTC) 3/5/2021		Start Time (UTC) 1:38		Approx. Lat. (if available) 29 26 32.98384 N	
End Date (UTC) 3/5/2021		End Time (UTC) 10:17		Approx. Long. (if available) 90 15 51.11755 W	
Describe any abnormalities and/or problems encountered during the session, include time of occurrence and duration.			Site Diagram/Setup-Photo		

GPS SESSION FORM



Contract # / TO # 140G0220F245		Client / Project Name Dewberry Engineers Inc. LA_COASTALLOUISIANA_2020_D20		Date 3/4/2021	
DAS Project No. 20009		Survey Firm DAS		Operator Name Chuckquan Harris	
Monument Name/Designation GAO2			Exact Stamping (include photo in survey report) N/A		
Monument No./PID N/A		Collection Type (circle one) <input checked="" type="radio"/> ABGPS <input type="radio"/> STATIC <input type="radio"/> RTK		File Name (receiver generated) 1514_0304_203805.m00	
Receiver Manufacturer N/A		Receiver Model N/A		Receiver Serial No. N/A	
Data Collector Manufacturer Leica		Data Collector Model GS-15		Data Collector Serial No. 1501514	
Antenna Part No. 3725413		Antenna Model N/A		Antenna Serial No. N/A	
Starting Antenna Height in Feet 1 2 3 AVG		Starting Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Ending Antenna Height in Feet 1 2 3 AVG		Ending Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Antenna Reference Point (include and reference a dimensional diagram in Survey Report) (e.g., bottom edge of notch in ground plane, Page 5, Figure 2)					
Start Date (UTC) 3/5/2021		Start Time (UTC) 1:38		Approx. Lat. (if available) 29 26 33.51476 N	
End Date (UTC) 3/5/2021		End Time (UTC) 10:17		Approx. Long. (if available) 90 15 51.15413 W	
Describe any abnormalities and/or problems encountered during the session, include time of occurrence and duration.			Site Diagram/Setup-Photo		

GPS SESSION FORM



Contract # / TO # 140G0220F245		Client / Project Name Dewberry Engineers Inc. LA_COASTALLOUISIANA_2020_D20		Date 3/6/2021	
DAS Project No. 20009		Survey Firm DAS		Operator Name Chuckquan Harris	
Monument Name/Designation GAO1			Exact Stamping (include photo in survey report) N/A		
Monument No./PID N/A		Collection Type (circle one) <input checked="" type="radio"/> ABGPS <input type="radio"/> STATIC <input type="radio"/> RTK		File Name (receiver generated) 6674_0306_224443.m00	
Receiver Manufacturer N/A		Receiver Model N/A		Receiver Serial No. N/A	
Data Collector Manufacturer Leica		Data Collector Model GS-15		Data Collector Serial No. 1516674	
Antenna Part No. 6194452		Antenna Model N/A		Antenna Serial No. N/A	
Starting Antenna Height in Feet 1 2 3 AVG		Starting Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Ending Antenna Height in Feet 1 2 3 AVG		Ending Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Antenna Reference Point (include and reference a dimensional diagram in Survey Report) (e.g., bottom edge of notch in ground plane, Page 5, Figure 2)					
Start Date (UTC) 3/7/2021		Start Time (UTC) 3:45		Approx. Lat. (if available) 29 26 32.98384 N	
End Date (UTC) 3/7/2021		End Time (UTC) 8:48		Approx. Long. (if available) 90 15 51.11755 W	
Describe any abnormalities and/or problems encountered during the session, include time of occurrence and duration.			Site Diagram/Setup-Photo		

GPS SESSION FORM



Contract # / TO # 140G0220F245		Client / Project Name Dewberry Engineers Inc. LA_COASTALLOUISIANA_2020_D20		Date 3/6/2021	
DAS Project No. 20009		Survey Firm DAS		Operator Name Chuckquan Harris	
Monument Name/Designation GAO2			Exact Stamping (include photo in survey report) N/A		
Monument No./PID N/A		Collection Type (circle one) <input checked="" type="radio"/> ABGPS <input type="radio"/> STATIC <input type="radio"/> RTK		File Name (receiver generated) 1514_0306_224449.m00	
Receiver Manufacturer N/A		Receiver Model N/A		Receiver Serial No. N/A	
Data Collector Manufacturer Leica		Data Collector Model GS-15		Data Collector Serial No. 1501514	
Antenna Part No. 3725413		Antenna Model N/A		Antenna Serial No. N/A	
Starting Antenna Height in Feet 1 2 3 AVG		Starting Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Ending Antenna Height in Feet 1 2 3 AVG		Ending Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Antenna Reference Point (include and reference a dimensional diagram in Survey Report) (e.g., bottom edge of notch in ground plane, Page 5, Figure 2)					
Start Date (UTC) 3/7/2021		Start Time (UTC) 3:45		Approx. Lat. (if available) 29 26 33.51476 N	
End Date (UTC) 3/7/2021		End Time (UTC) 8:48		Approx. Long. (if available) 90 15 51.15413 W	
Describe any abnormalities and/or problems encountered during the session, include time of occurrence and duration.			Site Diagram/Setup-Photo		

GPS SESSION FORM



Contract # / TO # 140G0220F245		Client / Project Name Dewberry Engineers Inc. LA_COASTALLOUISIANA_2020_D20		Date 4/5/2021	
DAS Project No. 20009		Survey Firm DAS		Operator Name Chuckquan Harris	
Monument Name/Designation MSIN			Exact Stamping (include photo in survey report) INFINITY CENTER CORS ARP		
Monument No./PID DN8737		Collection Type (circle one) <input checked="" type="radio"/> ABGPS <input type="radio"/> STATIC <input type="radio"/> RTK		File Name (receiver generated) msin0950.21o	
Receiver Manufacturer N/A		Receiver Model N/A		Receiver Serial No. N/A	
Data Collector Manufacturer Trimble		Data Collector Model		Data Collector Serial No.	
Antenna Part No.		Antenna Model TRIM115000.00		Antenna Serial No. 1550946218	
Starting Antenna Height in Feet 1 2 3 AVG		Starting Antenna Height in Meters 1 2 3 AVG		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Ending Antenna Height in Feet 1 2 3 AVG		Ending Antenna Height in Meters 1 2 3 AVG		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Antenna Reference Point (include and reference a dimensional diagram in Survey Report) (e.g., bottom edge of notch in ground plane, Page 5, Figure 2)					
Start Date (UTC) 4/5/2021		Start Time (UTC) 8:44		Approx. Lat. (if available) 30 18 42.22537 N	
End Date (UTC) 4/4/2021		End Time (UTC) 18:00		Approx. Long. (if available) 89 36 15.53908 W	
Describe any abnormalities and/or problems encountered during the session, include time of occurrence and duration.			Site Diagram/Setup-Photo		

GPS SESSION FORM



Contract # / TO # 140G0220F245		Client / Project Name Dewberry Engineers Inc. LA_COASTALLOUISIANA_2020_D20		Date 3/10/2021	
DAS Project No. 20009		Survey Firm DAS		Operator Name Chuckquan Harris	
Monument Name/Designation GAO2			Exact Stamping (include photo in survey report) N/A		
Monument No./PID N/A		Collection Type (circle one) <input checked="" type="radio"/> ABGPS <input type="radio"/> STATIC <input type="radio"/> RTK		File Name (receiver generated) 1514_0310_025727.m00	
Receiver Manufacturer N/A		Receiver Model N/A		Receiver Serial No. N/A	
Data Collector Manufacturer Leica		Data Collector Model GS-15		Data Collector Serial No. 1501514	
Antenna Part No. 3725413		Antenna Model N/A		Antenna Serial No. N/A	
Starting Antenna Height in Feet 1 2 3 AVG		Starting Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Ending Antenna Height in Feet 1 2 3 AVG		Ending Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Antenna Reference Point (include and reference a dimensional diagram in Survey Report) (e.g., bottom edge of notch in ground plane, Page 5, Figure 2)					
Start Date (UTC) 3/10/2021		Start Time (UTC) 7:58		Approx. Lat. (if available) 29 26 33.51476 N	
End Date (UTC) 3/10/2021		End Time (UTC) 18:15		Approx. Long. (if available) 90 15 51.15413 W	
Describe any abnormalities and/or problems encountered during the session, include time of occurrence and duration.			Site Diagram/Setup-Photo		

GPS SESSION FORM



Contract # / TO # 140G0220F245		Client / Project Name Dewberry Engineers Inc. LA_COASTALLOUISIANA_2020_D20		Date 3/11/2021	
DAS Project No. 20009		Survey Firm DAS		Operator Name Chuckquan Harris	
Monument Name/Designation GAO1			Exact Stamping (include photo in survey report) N/A		
Monument No./PID N/A		Collection Type (circle one) <input checked="" type="radio"/> ABGPS <input type="radio"/> STATIC <input type="radio"/> RTK		File Name (receiver generated) 6674_0311_040116.m00	
Receiver Manufacturer N/A		Receiver Model N/A		Receiver Serial No. N/A	
Data Collector Manufacturer Leica		Data Collector Model GS-15		Data Collector Serial No. 1516674	
Antenna Part No. 6194452		Antenna Model N/A		Antenna Serial No. N/A	
Starting Antenna Height in Feet 1 2 3 AVG		Starting Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Ending Antenna Height in Feet 1 2 3 AVG		Ending Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Antenna Reference Point (include and reference a dimensional diagram in Survey Report) (e.g., bottom edge of notch in ground plane, Page 5, Figure 2)					
Start Date (UTC) 3/11/2021		Start Time (UTC) 9:01		Approx. Lat. (if available) 29 26 32.98384 N	
End Date (UTC) 3/11/2021		End Time (UTC) 16:33		Approx. Long. (if available) 90 15 51.11755 W	
Describe any abnormalities and/or problems encountered during the session, include time of occurrence and duration.			Site Diagram/Setup-Photo		

GPS SESSION FORM



Contract # / TO # 140G0220F245		Client / Project Name Dewberry Engineers Inc. LA_COASTALLOUISIANA_2020_D20		Date 3/11/2021	
DAS Project No. 20009		Survey Firm DAS		Operator Name Chuckquan Harris	
Monument Name/Designation GAO2			Exact Stamping (include photo in survey report) N/A		
Monument No./PID N/A		Collection Type (circle one) <input checked="" type="radio"/> ABGPS <input type="radio"/> STATIC <input type="radio"/> RTK		File Name (receiver generated) 1514_0311_040538.m00	
Receiver Manufacturer N/A		Receiver Model N/A		Receiver Serial No. N/A	
Data Collector Manufacturer Leica		Data Collector Model GS-15		Data Collector Serial No. 1501514	
Antenna Part No. 3725413		Antenna Model N/A		Antenna Serial No. N/A	
Starting Antenna Height in Feet 1 2 3 AVG		Starting Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Ending Antenna Height in Feet 1 2 3 AVG		Ending Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Antenna Reference Point (include and reference a dimensional diagram in Survey Report) (e.g., bottom edge of notch in ground plane, Page 5, Figure 2)					
Start Date (UTC) 3/11/2021		Start Time (UTC) 9:05		Approx. Lat. (if available) 29 26 33.51476 N	
End Date (UTC) 3/11/2021		End Time (UTC) 16:33		Approx. Long. (if available) 90 15 51.15413 W	
Describe any abnormalities and/or problems encountered during the session, include time of occurrence and duration.			Site Diagram/Setup-Photo		

GPS SESSION FORM



Contract # / TO # 140G0220F245		Client / Project Name Dewberry Engineers Inc. LA_COASTALLOUISIANA_2020_D20		Date 3/12/2021	
DAS Project No. 20009		Survey Firm DAS		Operator Name Chuckquan Harris	
Monument Name/Designation GAO1			Exact Stamping (include photo in survey report) N/A		
Monument No./PID N/A		Collection Type (circle one) <input checked="" type="radio"/> ABGPS <input type="radio"/> STATIC <input type="radio"/> RTK		File Name (receiver generated) 6674_0312_053345.m00	
Receiver Manufacturer N/A		Receiver Model N/A		Receiver Serial No. N/A	
Data Collector Manufacturer Leica		Data Collector Model GS-15		Data Collector Serial No. 1516674	
Antenna Part No. 6194452		Antenna Model N/A		Antenna Serial No. N/A	
Starting Antenna Height in Feet 1 2 3 AVG		Starting Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Ending Antenna Height in Feet 1 2 3 AVG		Ending Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Antenna Reference Point (include and reference a dimensional diagram in Survey Report) (e.g., bottom edge of notch in ground plane, Page 5, Figure 2)					
Start Date (UTC) 3/12/2021		Start Time (UTC) 10:34		Approx. Lat. (if available) 29 26 32.98384 N	
End Date (UTC) 3/12/2021		End Time (UTC) 18:28		Approx. Long. (if available) 90 15 51.11755 W	
Describe any abnormalities and/or problems encountered during the session, include time of occurrence and duration.			Site Diagram/Setup-Photo		

GPS SESSION FORM



Contract # / TO # 140G0220F245		Client / Project Name Dewberry Engineers Inc. LA_COASTALLOUISIANA_2020_D20		Date 3/12/2021	
DAS Project No. 20009		Survey Firm DAS		Operator Name Chuckquan Harris	
Monument Name/Designation GAO2			Exact Stamping (include photo in survey report) N/A		
Monument No./PID N/A		Collection Type (circle one) <input checked="" type="radio"/> ABGPS <input type="radio"/> STATIC <input type="radio"/> RTK		File Name (receiver generated) 1514_0312_053809.m00	
Receiver Manufacturer N/A		Receiver Model N/A		Receiver Serial No. N/A	
Data Collector Manufacturer Leica		Data Collector Model GS-15		Data Collector Serial No. 1501514	
Antenna Part No. 3725413		Antenna Model N/A		Antenna Serial No. N/A	
Starting Antenna Height in Feet 1 2 3 AVG		Starting Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Ending Antenna Height in Feet 1 2 3 AVG		Ending Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Antenna Reference Point (include and reference a dimensional diagram in Survey Report) (e.g., bottom edge of notch in ground plane, Page 5, Figure 2)					
Start Date (UTC) 3/12/2021		Start Time (UTC) 10:38		Approx. Lat. (if available) 29 26 33.51476 N	
End Date (UTC) 3/12/2021		End Time (UTC) 18:28		Approx. Long. (if available) 90 15 51.15413 W	
Describe any abnormalities and/or problems encountered during the session, include time of occurrence and duration.			Site Diagram/Setup-Photo		

GPS SESSION FORM



Contract # / TO # 140G0220F245		Client / Project Name Dewberry Engineers Inc. LA_COASTALLOUISIANA_2020_D20		Date 3/12/2021	
DAS Project No. 20009		Survey Firm DAS		Operator Name Chuckquan Harris	
Monument Name/Designation MSIN			Exact Stamping <i>(include photo in survey report)</i> INFINITY CENTER CORS ARP		
Monument No./PID DN8737		Collection Type <i>(circle one)</i> <input checked="" type="radio"/> ABGPS <input type="radio"/> STATIC <input type="radio"/> RTK		File Name <i>(receiver generated)</i> msin0710.21o	
Receiver Manufacturer N/A		Receiver Model N/A		Receiver Serial No. N/A	
Data Collector Manufacturer Trimble		Data Collector Model		Data Collector Serial No.	
Antenna Part No.		Antenna Model TRIM115000.00		Antenna Serial No. 1550946218	
Starting Antenna Height in Feet 1 2 3 AVG		Starting Antenna Height in Meters 1 2 3 AVG		Type of Measurement <i>(circle one)</i> TRUE VERTICAL <input checked="" type="radio"/> ARP	
Ending Antenna Height in Feet 1 2 3 AVG		Ending Antenna Height in Meters 1 2 3 AVG		Type of Measurement <i>(circle one)</i> TRUE VERTICAL <input checked="" type="radio"/> ARP	
Antenna Reference Point <i>(include and reference a dimensional diagram in Survey Report)</i> <i>(e.g., bottom edge of notch in ground plane, Page 5, Figure 2)</i>					
Start Date (UTC) 3/12/2021		Start Time (UTC) 10:00		Approx. Lat. <i>(if available)</i> 30 18 42.22537 N	
End Date (UTC) 3/12/2021		End Time (UTC) 18:59		Approx. Long. <i>(if available)</i> 89 36 15.53908 W	
Describe any abnormalities and/or problems encountered during the session, include time of occurrence and duration.			Site Diagram/Setup-Photo		

GPS SESSION FORM



Contract # / TO # 140G0220F245		Client / Project Name Dewberry Engineers Inc. LA_COASTALLOUISIANA_2020_D20		Date 3/12/2021	
DAS Project No. 20009		Survey Firm DAS		Operator Name Chuckquan Harris	
Monument Name/Designation MSIN			Exact Stamping (include photo in survey report) INFINITY CENTER CORS ARP		
Monument No./PID DN8737		Collection Type (circle one) <input checked="" type="radio"/> ABGPS <input type="radio"/> STATIC <input type="radio"/> RTK		File Name (receiver generated) msin0710.21o	
Receiver Manufacturer N/A		Receiver Model N/A		Receiver Serial No. N/A	
Data Collector Manufacturer Trimble		Data Collector Model		Data Collector Serial No.	
Antenna Part No.		Antenna Model TRIM115000.00		Antenna Serial No. 1550946218	
Starting Antenna Height in Feet 1 2 3 AVG		Starting Antenna Height in Meters 1 2 3 AVG		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Ending Antenna Height in Feet 1 2 3 AVG		Ending Antenna Height in Meters 1 2 3 AVG		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Antenna Reference Point (include and reference a dimensional diagram in Survey Report) (e.g., bottom edge of notch in ground plane, Page 5, Figure 2)					
Start Date (UTC) 3/12/2021		Start Time (UTC) 10:38		Approx. Lat. (if available) 30 18 42.22537 N	
End Date (UTC) 3/12/2021		End Time (UTC) 18:59		Approx. Long. (if available) 89 36 15.53908 W	
Describe any abnormalities and/or problems encountered during the session, include time of occurrence and duration.			Site Diagram/Setup-Photo		

GPS SESSION FORM



Contract # / TO # 140G0220F245		Client / Project Name Dewberry Engineers Inc. LA_COASTALLOUISIANA_2020_D20		Date 4/1/2021	
DAS Project No. 20009		Survey Firm DAS		Operator Name Geoffrey McCall	
Monument Name/Designation GAO1			Exact Stamping (include photo in survey report) N/A		
Monument No./PID N/A		Collection Type (circle one) <input checked="" type="radio"/> ABGPS <input type="radio"/> STATIC <input type="radio"/> RTK		File Name (receiver generated) 6674_0401_210423.m00	
Receiver Manufacturer N/A		Receiver Model N/A		Receiver Serial No. N/A	
Data Collector Manufacturer Leica		Data Collector Model GS-15		Data Collector Serial No. 1516674	
Antenna Part No. 6194452		Antenna Model N/A		Antenna Serial No. N/A	
Starting Antenna Height in Feet 1 2 3 AVG		Starting Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Ending Antenna Height in Feet 1 2 3 AVG		Ending Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Antenna Reference Point (include and reference a dimensional diagram in Survey Report) (e.g., bottom edge of notch in ground plane, Page 5, Figure 2)					
Start Date (UTC) 4/2/2021		Start Time (UTC) 1:04		Approx. Lat. (if available) 29 26 32.98384 N	
End Date (UTC) 4/2/2021		End Time (UTC) 9:17		Approx. Long. (if available) 90 15 51.11755 W	
Describe any abnormalities and/or problems encountered during the session, include time of occurrence and duration.			Site Diagram/Setup-Photo		

GPS SESSION FORM



Contract # / TO # 140G0220F245		Client / Project Name Dewberry Engineers Inc. LA_COASTALLOUISIANA_2020_D20		Date 4/1/2021	
DAS Project No. 20009		Survey Firm DAS		Operator Name Geoffrey McCall	
Monument Name/Designation GAO2			Exact Stamping (include photo in survey report) N/A		
Monument No./PID N/A		Collection Type (circle one) <input checked="" type="radio"/> ABGPS <input type="radio"/> STATIC <input type="radio"/> RTK		File Name (receiver generated) 1514_0401_210739.m00	
Receiver Manufacturer N/A		Receiver Model N/A		Receiver Serial No. N/A	
Data Collector Manufacturer Leica		Data Collector Model GS-15		Data Collector Serial No. 1501514	
Antenna Part No. 3725413		Antenna Model N/A		Antenna Serial No. N/A	
Starting Antenna Height in Feet 1 2 3 AVG		Starting Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Ending Antenna Height in Feet 1 2 3 AVG		Ending Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Antenna Reference Point (include and reference a dimensional diagram in Survey Report) (e.g., bottom edge of notch in ground plane, Page 5, Figure 2)					
Start Date (UTC) 4/2/2021		Start Time (UTC) 1:07		Approx. Lat. (if available) 29 26 33.51476 N	
End Date (UTC) 4/2/2021		End Time (UTC) 9:19		Approx. Long. (if available) 90 15 51.15413 W	
Describe any abnormalities and/or problems encountered during the session, include time of occurrence and duration.			Site Diagram/Setup-Photo		

GPS SESSION FORM



Contract # / TO # 140G0220F245		Client / Project Name Dewberry Engineers Inc. LA_COASTALLOUISIANA_2020_D20		Date 4/2/2021	
DAS Project No. 20009		Survey Firm DAS		Operator Name Geoffrey McCall	
Monument Name/Designation GAO1			Exact Stamping (include photo in survey report) N/A		
Monument No./PID N/A		Collection Type (circle one) <input checked="" type="radio"/> ABGPS <input type="radio"/> STATIC <input type="radio"/> RTK		File Name (receiver generated) 6674_0402_222015.m00	
Receiver Manufacturer N/A		Receiver Model N/A		Receiver Serial No. N/A	
Data Collector Manufacturer Leica		Data Collector Model GS-15		Data Collector Serial No. 1516674	
Antenna Part No. 6194452		Antenna Model N/A		Antenna Serial No. N/A	
Starting Antenna Height in Feet 1 2 3 AVG		Starting Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Ending Antenna Height in Feet 1 2 3 AVG		Ending Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Antenna Reference Point (include and reference a dimensional diagram in Survey Report) (e.g., bottom edge of notch in ground plane, Page 5, Figure 2)					
Start Date (UTC) 4/3/2021		Start Time (UTC) 2:20		Approx. Lat. (if available) 29 26 32.98384 N	
End Date (UTC) 4/3/2021		End Time (UTC) 10:39		Approx. Long. (if available) 90 15 51.11755 W	
Describe any abnormalities and/or problems encountered during the session, include time of occurrence and duration.			Site Diagram/Setup-Photo		

GPS SESSION FORM



Contract # / TO # 140G0220F245		Client / Project Name Dewberry Engineers Inc. LA_COASTALLOUISIANA_2020_D20		Date 4/2/2021	
DAS Project No. 20009		Survey Firm DAS		Operator Name Geoffrey McCall	
Monument Name/Designation GAO2			Exact Stamping (include photo in survey report) N/A		
Monument No./PID N/A		Collection Type (circle one) <input checked="" type="radio"/> ABGPS <input type="radio"/> STATIC <input type="radio"/> RTK		File Name (receiver generated) 1514_0402_222346.m00	
Receiver Manufacturer N/A		Receiver Model N/A		Receiver Serial No. N/A	
Data Collector Manufacturer Leica		Data Collector Model GS-15		Data Collector Serial No. 1501514	
Antenna Part No. 3725413		Antenna Model N/A		Antenna Serial No. N/A	
Starting Antenna Height in Feet 1 2 3 AVG		Starting Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Ending Antenna Height in Feet 1 2 3 AVG		Ending Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Antenna Reference Point (include and reference a dimensional diagram in Survey Report) (e.g., bottom edge of notch in ground plane, Page 5, Figure 2)					
Start Date (UTC) 4/3/2021		Start Time (UTC) 2:23		Approx. Lat. (if available) 29 26 33.51476 N	
End Date (UTC) 4/3/2021		End Time (UTC) 10:40		Approx. Long. (if available) 90 15 51.15413 W	
Describe any abnormalities and/or problems encountered during the session, include time of occurrence and duration.			Site Diagram/Setup-Photo		

GPS SESSION FORM



Contract # / TO # 140G0220F245		Client / Project Name Dewberry Engineers Inc. LA_COASTALLOUISIANA_2020_D20		Date 4/2/2021	
DAS Project No. 20009		Survey Firm DAS		Operator Name Geoffrey McCall	
Monument Name/Designation MSIN			Exact Stamping <i>(include photo in survey report)</i> INFINITY CENTER CORS ARP		
Monument No./PID DN8737		Collection Type <i>(circle one)</i> <input checked="" type="radio"/> ABGPS <input type="radio"/> STATIC <input type="radio"/> RTK		File Name <i>(receiver generated)</i> msin0920.21o	
Receiver Manufacturer N/A		Receiver Model N/A		Receiver Serial No. N/A	
Data Collector Manufacturer Trimble		Data Collector Model		Data Collector Serial No.	
Antenna Part No.		Antenna Model TRIM115000.00		Antenna Serial No. 1550946218	
Starting Antenna Height in Feet 1 2 3 AVG		Starting Antenna Height in Meters 1 2 3 AVG		Type of Measurement <i>(circle one)</i> TRUE VERTICAL <input checked="" type="radio"/> ARP	
Ending Antenna Height in Feet 1 2 3 AVG		Ending Antenna Height in Meters 1 2 3 AVG		Type of Measurement <i>(circle one)</i> TRUE VERTICAL <input checked="" type="radio"/> ARP	
Antenna Reference Point <i>(include and reference a dimensional diagram in Survey Report)</i> <i>(e.g., bottom edge of notch in ground plane, Page 5, Figure 2)</i>					
Start Date (UTC) 4/2/2021		Start Time (UTC) 8:00		Approx. Lat. <i>(if available)</i> 30 18 42.22537 N	
End Date (UTC) 4/2/2021		End Time (UTC) 17:00		Approx. Long. <i>(if available)</i> 89 36 15.53908 W	
Describe any abnormalities and/or problems encountered during the session, include time of occurrence and duration.			Site Diagram/Setup-Photo		

GPS SESSION FORM



Contract # / TO # 140G0220F245		Client / Project Name Dewberry Engineers Inc. LA_COASTALLOUISIANA_2020_D20		Date 4/3/2021	
DAS Project No. 20009		Survey Firm DAS		Operator Name Geoffrey McCall	
Monument Name/Designation GAO1			Exact Stamping (include photo in survey report) N/A		
Monument No./PID N/A		Collection Type (circle one) <input checked="" type="radio"/> ABGPS <input type="radio"/> STATIC <input type="radio"/> RTK		File Name (receiver generated) 6674_0403_231506.m00	
Receiver Manufacturer N/A		Receiver Model N/A		Receiver Serial No. N/A	
Data Collector Manufacturer Leica		Data Collector Model GS-15		Data Collector Serial No. 1516674	
Antenna Part No. 6194452		Antenna Model N/A		Antenna Serial No. N/A	
Starting Antenna Height in Feet 1 2 3 AVG		Starting Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Ending Antenna Height in Feet 1 2 3 AVG		Ending Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Antenna Reference Point (include and reference a dimensional diagram in Survey Report) (e.g., bottom edge of notch in ground plane, Page 5, Figure 2)					
Start Date (UTC) 4/4/2021		Start Time (UTC) 3:15		Approx. Lat. (if available) 29 26 32.98384 N	
End Date (UTC) 4/4/2021		End Time (UTC) 11:25		Approx. Long. (if available) 90 15 51.11755 W	
Describe any abnormalities and/or problems encountered during the session, include time of occurrence and duration.			Site Diagram/Setup-Photo		

GPS SESSION FORM



Contract # / TO # 140G0220F245		Client / Project Name Dewberry Engineers Inc. LA_COASTALLOUISIANA_2020_D20		Date 4/3/2021	
DAS Project No. 20009		Survey Firm DAS		Operator Name Geoffrey McCall	
Monument Name/Designation GAO2			Exact Stamping <i>(include photo in survey report)</i> N/A		
Monument No./PID N/A		Collection Type <i>(circle one)</i> <input checked="" type="radio"/> ABGPS <input type="radio"/> STATIC <input type="radio"/> RTK		File Name <i>(receiver generated)</i> 1514_0403_231859.m00	
Receiver Manufacturer N/A		Receiver Model N/A		Receiver Serial No. N/A	
Data Collector Manufacturer Leica		Data Collector Model GS-15		Data Collector Serial No. 1501514	
Antenna Part No. 3725413		Antenna Model N/A		Antenna Serial No. N/A	
Starting Antenna Height in Feet 1 2 3 AVG		Starting Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement <i>(circle one)</i> TRUE VERTICAL <input checked="" type="radio"/> ARP	
Ending Antenna Height in Feet 1 2 3 AVG		Ending Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement <i>(circle one)</i> TRUE VERTICAL <input checked="" type="radio"/> ARP	
Antenna Reference Point <i>(include and reference a dimensional diagram in Survey Report)</i> <i>(e.g., bottom edge of notch in ground plane, Page 5, Figure 2)</i>					
Start Date (UTC) 4/4/2021		Start Time (UTC) 3:19		Approx. Lat. <i>(if available)</i> 29 26 33.51476 N	
End Date (UTC) 4/4/2021		End Time (UTC) 11:27		Approx. Long. <i>(if available)</i> 90 15 51.15413 W	
Describe any abnormalities and/or problems encountered during the session, include time of occurrence and duration.			Site Diagram/Setup-Photo		

GPS SESSION FORM



Contract # / TO # 140G0220F245		Client / Project Name Dewberry Engineers Inc. LA_COASTALLOUISIANA_2020_D20		Date 4/4/2021	
DAS Project No. 20009		Survey Firm DAS		Operator Name Geoffrey McCall	
Monument Name/Designation MSIN			Exact Stamping <i>(include photo in survey report)</i> INFINITY CENTER CORS ARP		
Monument No./PID DN8737		Collection Type <i>(circle one)</i> <input checked="" type="radio"/> ABGPS <input type="radio"/> STATIC <input type="radio"/> RTK		File Name <i>(receiver generated)</i> msin0940.21o	
Receiver Manufacturer N/A		Receiver Model N/A		Receiver Serial No. N/A	
Data Collector Manufacturer Trimble		Data Collector Model		Data Collector Serial No.	
Antenna Part No.		Antenna Model TRIM115000.00		Antenna Serial No. 1550946218	
Starting Antenna Height in Feet 1 2 3 AVG		Starting Antenna Height in Meters 1 2 3 AVG		Type of Measurement <i>(circle one)</i> TRUE VERTICAL <input checked="" type="radio"/> ARP	
Ending Antenna Height in Feet 1 2 3 AVG		Ending Antenna Height in Meters 1 2 3 AVG		Type of Measurement <i>(circle one)</i> TRUE VERTICAL <input checked="" type="radio"/> ARP	
Antenna Reference Point <i>(include and reference a dimensional diagram in Survey Report)</i> <i>(e.g., bottom edge of notch in ground plane, Page 5, Figure 2)</i>					
Start Date (UTC) 4/4/2021		Start Time (UTC) 2:00		Approx. Lat. <i>(if available)</i> 30 18 42.22537 N	
End Date (UTC) 4/4/2021		End Time (UTC) 17:00		Approx. Long. <i>(if available)</i> 89 36 15.53908 W	
Describe any abnormalities and/or problems encountered during the session, include time of occurrence and duration.			Site Diagram/Setup-Photo		

GPS SESSION FORM



Contract # / TO # 140G0220F245		Client / Project Name Dewberry Engineers Inc. LA_COASTALLOUISIANA_2020_D20		Date 4/5/2021	
DAS Project No. 20009		Survey Firm DAS		Operator Name Geoffrey McCall	
Monument Name/Designation GAO1			Exact Stamping (include photo in survey report) N/A		
Monument No./PID N/A		Collection Type (circle one) <input checked="" type="radio"/> ABGPS <input type="radio"/> STATIC <input type="radio"/> RTK		File Name (receiver generated) 6674_0405_043959.m00	
Receiver Manufacturer N/A		Receiver Model N/A		Receiver Serial No. N/A	
Data Collector Manufacturer Leica		Data Collector Model GS-15		Data Collector Serial No. 1516674	
Antenna Part No. 6194452		Antenna Model N/A		Antenna Serial No. N/A	
Starting Antenna Height in Feet 1 2 3 AVG		Starting Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Ending Antenna Height in Feet 1 2 3 AVG		Ending Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Antenna Reference Point (include and reference a dimensional diagram in Survey Report) (e.g., bottom edge of notch in ground plane, Page 5, Figure 2)					
Start Date (UTC) 4/5/2021		Start Time (UTC) 8:40		Approx. Lat. (if available) 29 26 32.98384 N	
End Date (UTC) 4/5/2021		End Time (UTC) 18:50:00 PM		Approx. Long. (if available) 90 15 51.11755 W	
Describe any abnormalities and/or problems encountered during the session, include time of occurrence and duration.			Site Diagram/Setup-Photo		

GPS SESSION FORM



Contract # / TO # 140G0220F245		Client / Project Name Dewberry Engineers Inc. LA_COASTALLOUISIANA_2020_D20		Date 4/5/2021	
DAS Project No. 20009		Survey Firm DAS		Operator Name Geoffrey McCall	
Monument Name/Designation GAO2			Exact Stamping (include photo in survey report) N/A		
Monument No./PID N/A		Collection Type (circle one) <input checked="" type="radio"/> ABGPS <input type="radio"/> STATIC <input type="radio"/> RTK		File Name (receiver generated) 1514_0405_044357.m00	
Receiver Manufacturer N/A		Receiver Model N/A		Receiver Serial No. N/A	
Data Collector Manufacturer Leica		Data Collector Model GS-15		Data Collector Serial No. 1501514	
Antenna Part No. 3725413		Antenna Model N/A		Antenna Serial No. N/A	
Starting Antenna Height in Feet 1 2 3 AVG		Starting Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Ending Antenna Height in Feet 1 2 3 AVG		Ending Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Antenna Reference Point (include and reference a dimensional diagram in Survey Report) (e.g., bottom edge of notch in ground plane, Page 5, Figure 2)					
Start Date (UTC) 4/5/2021		Start Time (UTC) 8:44		Approx. Lat. (if available) 29 26 33.51476 N	
End Date (UTC) 4/5/2021		End Time (UTC) 18:51		Approx. Long. (if available) 90 15 51.15413 W	
Describe any abnormalities and/or problems encountered during the session, include time of occurrence and duration.			Site Diagram/Setup-Photo		

GPS SESSION FORM



Contract # / TO # 140G0220F245		Client / Project Name Dewberry Engineers Inc. LA_COASTALLOUISIANA_2020_D20		Date 4/5/2021	
DAS Project No. 20009		Survey Firm DAS		Operator Name Geoffrey McCall	
Monument Name/Designation MSIN			Exact Stamping (include photo in survey report) INFINITY CENTER CORS ARP		
Monument No./PID DN8737		Collection Type (circle one) <input checked="" type="radio"/> ABGPS <input type="radio"/> STATIC <input type="radio"/> RTK		File Name (receiver generated) msin0950.21o	
Receiver Manufacturer N/A		Receiver Model N/A		Receiver Serial No. N/A	
Data Collector Manufacturer Trimble		Data Collector Model		Data Collector Serial No.	
Antenna Part No.		Antenna Model TRIM115000.00		Antenna Serial No. 1550946218	
Starting Antenna Height in Feet 1 2 3 AVG		Starting Antenna Height in Meters 1 2 3 AVG		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Ending Antenna Height in Feet 1 2 3 AVG		Ending Antenna Height in Meters 1 2 3 AVG		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Antenna Reference Point (include and reference a dimensional diagram in Survey Report) (e.g., bottom edge of notch in ground plane, Page 5, Figure 2)					
Start Date (UTC) 4/5/2021		Start Time (UTC) 8:44		Approx. Lat. (if available) 30 18 42.22537 N	
End Date (UTC) 4/5/2021		End Time (UTC) 18:00		Approx. Long. (if available) 89 36 15.53908 W	
Describe any abnormalities and/or problems encountered during the session, include time of occurrence and duration.			Site Diagram/Setup-Photo		

GPS SESSION FORM



Contract # / TO # 140G0220F245		Client / Project Name Dewberry Engineers Inc. LA_COASTALLOUISIANA_2020_D20		Date 4/6/2021	
DAS Project No. 20009		Survey Firm DAS		Operator Name Geoffrey McCall	
Monument Name/Designation GAO1			Exact Stamping (include photo in survey report) N/A		
Monument No./PID N/A		Collection Type (circle one) <input checked="" type="radio"/> ABGPS <input type="radio"/> STATIC <input type="radio"/> RTK		File Name (receiver generated) 6674_0406_024944.m00	
Receiver Manufacturer N/A		Receiver Model N/A		Receiver Serial No. N/A	
Data Collector Manufacturer Leica		Data Collector Model GS-15		Data Collector Serial No. 1516674	
Antenna Part No. 6194452		Antenna Model N/A		Antenna Serial No. N/A	
Starting Antenna Height in Feet 1 2 3 AVG		Starting Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Ending Antenna Height in Feet 1 2 3 AVG		Ending Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Antenna Reference Point (include and reference a dimensional diagram in Survey Report) (e.g., bottom edge of notch in ground plane, Page 5, Figure 2)					
Start Date (UTC) 4/6/2021		Start Time (UTC) 6:49		Approx. Lat. (if available) 29 26 32.98384 N	
End Date (UTC) 4/6/2021		End Time (UTC) 8:32		Approx. Long. (if available) 90 15 51.11755 W	
Describe any abnormalities and/or problems encountered during the session, include time of occurrence and duration.			Site Diagram/Setup-Photo		

GPS SESSION FORM



Contract # / TO # 140G0220F245		Client / Project Name Dewberry Engineers Inc. LA_COASTALLOUISIANA_2020_D20		Date 4/6/2021	
DAS Project No. 20009		Survey Firm DAS		Operator Name Geoffrey McCall	
Monument Name/Designation GAO2			Exact Stamping (include photo in survey report) N/A		
Monument No./PID N/A		Collection Type (circle one) <input checked="" type="radio"/> ABGPS <input type="radio"/> STATIC <input type="radio"/> RTK		File Name (receiver generated) 1514_0406_025333.m00	
Receiver Manufacturer N/A		Receiver Model N/A		Receiver Serial No. N/A	
Data Collector Manufacturer Leica		Data Collector Model GS-15		Data Collector Serial No. 1501514	
Antenna Part No. 3725413		Antenna Model N/A		Antenna Serial No. N/A	
Starting Antenna Height in Feet 1 2 3 AVG		Starting Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Ending Antenna Height in Feet 1 2 3 AVG		Ending Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Antenna Reference Point (include and reference a dimensional diagram in Survey Report) (e.g., bottom edge of notch in ground plane, Page 5, Figure 2)					
Start Date (UTC) 4/6/2021		Start Time (UTC) 6:53		Approx. Lat. (if available) 29 26 33.51476 N	
End Date (UTC) 4/6/2021		End Time (UTC) 8:34		Approx. Long. (if available) 90 15 51.15413 W	
Describe any abnormalities and/or problems encountered during the session, include time of occurrence and duration.			Site Diagram/Setup-Photo		

GPS SESSION FORM



Contract # / TO # 140G0220F245		Client / Project Name Dewberry Engineers Inc. LA_COASTALLOUISIANA_2020_D20		Date 4/6/2021	
DAS Project No. 20009		Survey Firm DAS		Operator Name Geoffrey McCall	
Monument Name/Designation MSIN			Exact Stamping <i>(include photo in survey report)</i> INFINITY CENTER CORS ARP		
Monument No./PID DN8737		Collection Type <i>(circle one)</i> <input checked="" type="radio"/> ABGPS <input type="radio"/> STATIC <input type="radio"/> RTK		File Name <i>(receiver generated)</i> msin0960.21o	
Receiver Manufacturer N/A		Receiver Model N/A		Receiver Serial No. N/A	
Data Collector Manufacturer Trimble		Data Collector Model		Data Collector Serial No.	
Antenna Part No.		Antenna Model TRIM115000.00		Antenna Serial No. 1550946218	
Starting Antenna Height in Feet 1 2 3 AVG		Starting Antenna Height in Meters 1 2 3 AVG		Type of Measurement <i>(circle one)</i> TRUE VERTICAL <input checked="" type="radio"/> ARP	
Ending Antenna Height in Feet 1 2 3 AVG		Ending Antenna Height in Meters 1 2 3 AVG		Type of Measurement <i>(circle one)</i> TRUE VERTICAL <input checked="" type="radio"/> ARP	
Antenna Reference Point <i>(include and reference a dimensional diagram in Survey Report)</i> <i>(e.g., bottom edge of notch in ground plane, Page 5, Figure 2)</i>					
Start Date (UTC) 4/6/2021		Start Time (UTC) 7:00		Approx. Lat. <i>(if available)</i> 30 18 42.22537 N	
End Date (UTC) 4/6/2021		End Time (UTC) 12:00		Approx. Long. <i>(if available)</i> 89 36 15.53908 W	
Describe any abnormalities and/or problems encountered during the session, include time of occurrence and duration.			Site Diagram/Setup-Photo		

GPS SESSION FORM



Contract # / TO # 140G0220F245		Client / Project Name Dewberry Engineers Inc. LA_COASTALLOUISIANA_2020_D20		Date 4/19/2021	
DAS Project No. 20009		Survey Firm DAS		Operator Name Geoffrey McCall	
Monument Name/Designation GAO1			Exact Stamping (include photo in survey report) N/A		
Monument No./PID N/A		Collection Type (circle one) <input checked="" type="radio"/> ABGPS <input type="radio"/> STATIC <input type="radio"/> RTK		File Name (receiver generated) 6674_0419_023428.m00	
Receiver Manufacturer N/A		Receiver Model N/A		Receiver Serial No. N/A	
Data Collector Manufacturer Leica		Data Collector Model GS-15		Data Collector Serial No. 1516674	
Antenna Part No. 6194452		Antenna Model N/A		Antenna Serial No. N/A	
Starting Antenna Height in Feet 1 2 3 AVG		Starting Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Ending Antenna Height in Feet 1 2 3 AVG		Ending Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Antenna Reference Point (include and reference a dimensional diagram in Survey Report) (e.g., bottom edge of notch in ground plane, Page 5, Figure 2)					
Start Date (UTC) 4/19/2021		Start Time (UTC) 6:34		Approx. Lat. (if available) 29 26 32.98384 N	
End Date (UTC) 4/19/2021		End Time (UTC) 15:03		Approx. Long. (if available) 90 15 51.11755 W	
Describe any abnormalities and/or problems encountered during the session, include time of occurrence and duration.			Site Diagram/Setup-Photo		

GPS SESSION FORM



Contract # / TO # 140G0220F245		Client / Project Name Dewberry Engineers Inc. LA_COASTALLOUISIANA_2020_D20		Date 4/19/2021	
DAS Project No. 20009		Survey Firm DAS		Operator Name Geoffrey McCall	
Monument Name/Designation GAO2			Exact Stamping <i>(include photo in survey report)</i> N/A		
Monument No./PID N/A		Collection Type <i>(circle one)</i> <input checked="" type="radio"/> ABGPS <input type="radio"/> STATIC <input type="radio"/> RTK		File Name <i>(receiver generated)</i> 1514_0419_023827.m00	
Receiver Manufacturer N/A		Receiver Model N/A		Receiver Serial No. N/A	
Data Collector Manufacturer Leica		Data Collector Model GS-15		Data Collector Serial No. 1501514	
Antenna Part No. 3725413		Antenna Model N/A		Antenna Serial No. N/A	
Starting Antenna Height in Feet 1 2 3 AVG		Starting Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement <i>(circle one)</i> TRUE VERTICAL <input checked="" type="radio"/> ARP	
Ending Antenna Height in Feet 1 2 3 AVG		Ending Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement <i>(circle one)</i> TRUE VERTICAL <input checked="" type="radio"/> ARP	
Antenna Reference Point <i>(include and reference a dimensional diagram in Survey Report)</i> <i>(e.g., bottom edge of notch in ground plane, Page 5, Figure 2)</i>					
Start Date (UTC) 4/19/2021		Start Time (UTC) 6:38		Approx. Lat. <i>(if available)</i> 29 26 33.51476 N	
End Date (UTC) 4/19/2021		End Time (UTC) 15:04		Approx. Long. <i>(if available)</i> 90 15 51.15413 W	
Describe any abnormalities and/or problems encountered during the session, include time of occurrence and duration.			Site Diagram/Setup-Photo		

GPS SESSION FORM



Contract # / TO # 140G0220F245		Client / Project Name Dewberry Engineers Inc. LA_COASTALLOUISIANA_2020_D20		Date 4/19/2021	
DAS Project No. 20009		Survey Firm DAS		Operator Name Geoffrey McCall	
Monument Name/Designation MSIN			Exact Stamping <i>(include photo in survey report)</i> INFINITY CENTER CORS ARP		
Monument No./PID DN8737		Collection Type <i>(circle one)</i> <input checked="" type="radio"/> ABGPS <input type="radio"/> STATIC <input type="radio"/> RTK		File Name <i>(receiver generated)</i> msin1090.21o	
Receiver Manufacturer N/A		Receiver Model N/A		Receiver Serial No. N/A	
Data Collector Manufacturer Trimble		Data Collector Model		Data Collector Serial No.	
Antenna Part No.		Antenna Model TRIM115000.00		Antenna Serial No. 1550946218	
Starting Antenna Height in Feet 1 2 3 AVG		Starting Antenna Height in Meters 1 2 3 AVG		Type of Measurement <i>(circle one)</i> TRUE VERTICAL <input checked="" type="radio"/> ARP	
Ending Antenna Height in Feet 1 2 3 AVG		Ending Antenna Height in Meters 1 2 3 AVG		Type of Measurement <i>(circle one)</i> TRUE VERTICAL <input checked="" type="radio"/> ARP	
Antenna Reference Point <i>(include and reference a dimensional diagram in Survey Report)</i> <i>(e.g., bottom edge of notch in ground plane, Page 5, Figure 2)</i>					
Start Date (UTC) 4/19/221		Start Time (UTC) 6:38		Approx. Lat. <i>(if available)</i> 30 18 42.22537 N	
End Date (UTC) 4/19/2021		End Time (UTC) 18:00		Approx. Long. <i>(if available)</i> 89 36 15.53908 W	
Describe any abnormalities and/or problems encountered during the session, include time of occurrence and duration.			Site Diagram/Setup-Photo		

GPS SESSION FORM



Contract # / TO # 140G0220F245		Client / Project Name Dewberry Engineers Inc. LA_COASTALLOUISIANA_2020_D20		Date 4/19/2021	
DAS Project No. 20009		Survey Firm DAS		Operator Name Geoffrey McCall	
Monument Name/Designation MSIN			Exact Stamping <i>(include photo in survey report)</i> INFINITY CENTER CORS ARP		
Monument No./PID DN8737		Collection Type <i>(circle one)</i> <input checked="" type="radio"/> ABGPS <input type="radio"/> STATIC <input type="radio"/> RTK		File Name <i>(receiver generated)</i> msin1090.21o	
Receiver Manufacturer N/A		Receiver Model N/A		Receiver Serial No. N/A	
Data Collector Manufacturer Trimble		Data Collector Model		Data Collector Serial No.	
Antenna Part No.		Antenna Model TRIM115000.00		Antenna Serial No. 1550946218	
Starting Antenna Height in Feet 1 2 3 AVG		Starting Antenna Height in Meters 1 2 3 AVG		Type of Measurement <i>(circle one)</i> TRUE VERTICAL <input checked="" type="radio"/> ARP	
Ending Antenna Height in Feet 1 2 3 AVG		Ending Antenna Height in Meters 1 2 3 AVG		Type of Measurement <i>(circle one)</i> TRUE VERTICAL <input checked="" type="radio"/> ARP	
Antenna Reference Point <i>(include and reference a dimensional diagram in Survey Report)</i> <i>(e.g., bottom edge of notch in ground plane, Page 5, Figure 2)</i>					
Start Date (UTC) 4/19/221		Start Time (UTC) 10:00		Approx. Lat. <i>(if available)</i> 30 18 42.22537 N	
End Date (UTC) 4/19/2021		End Time (UTC) 16:00		Approx. Long. <i>(if available)</i> 89 36 15.53908 W	
Describe any abnormalities and/or problems encountered during the session, include time of occurrence and duration.			Site Diagram/Setup-Photo		

GPS SESSION FORM



Contract # / TO # 140G0220F245		Client / Project Name Dewberry Engineers Inc. LA_COASTALLOUISIANA_2020_D20		Date 4/20/2021	
DAS Project No. 20009		Survey Firm DAS		Operator Name Geoffrey McCall	
Monument Name/Designation GAO1			Exact Stamping (include photo in survey report) N/A		
Monument No./PID N/A		Collection Type (circle one) <input checked="" type="radio"/> ABGPS <input type="radio"/> STATIC <input type="radio"/> RTK		File Name (receiver generated) 6674_0420_042001.m00	
Receiver Manufacturer N/A		Receiver Model N/A		Receiver Serial No. N/A	
Data Collector Manufacturer Leica		Data Collector Model GS-15		Data Collector Serial No. 1516674	
Antenna Part No. 6194452		Antenna Model N/A		Antenna Serial No. N/A	
Starting Antenna Height in Feet 1 2 3 AVG		Starting Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Ending Antenna Height in Feet 1 2 3 AVG		Ending Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Antenna Reference Point (include and reference a dimensional diagram in Survey Report) (e.g., bottom edge of notch in ground plane, Page 5, Figure 2)					
Start Date (UTC) 4/20/2021		Start Time (UTC) 8:20		Approx. Lat. (if available) 29 26 32.98384 N	
End Date (UTC) 4/20/2021		End Time (UTC) 15:55		Approx. Long. (if available) 90 15 51.11755 W	
Describe any abnormalities and/or problems encountered during the session, include time of occurrence and duration.			Site Diagram/Setup-Photo		

GPS SESSION FORM



Contract # / TO # 140G0220F245		Client / Project Name Dewberry Engineers Inc. LA_COASTALLOUISIANA_2020_D20		Date 4/20/2021	
DAS Project No. 20009		Survey Firm DAS		Operator Name Geoffrey McCall	
Monument Name/Designation GAO2			Exact Stamping (include photo in survey report) N/A		
Monument No./PID N/A		Collection Type (circle one) <input checked="" type="radio"/> ABGPS <input type="radio"/> STATIC <input type="radio"/> RTK		File Name (receiver generated) 1514_0420_042401.m00	
Receiver Manufacturer N/A		Receiver Model N/A		Receiver Serial No. N/A	
Data Collector Manufacturer Leica		Data Collector Model GS-15		Data Collector Serial No. 1501514	
Antenna Part No. 3725413		Antenna Model N/A		Antenna Serial No. N/A	
Starting Antenna Height in Feet 1 2 3 AVG		Starting Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Ending Antenna Height in Feet 1 2 3 AVG		Ending Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Antenna Reference Point (include and reference a dimensional diagram in Survey Report) (e.g., bottom edge of notch in ground plane, Page 5, Figure 2)					
Start Date (UTC) 4/20/2021		Start Time (UTC) 8:24		Approx. Lat. (if available) 29 26 33.51476 N	
End Date (UTC) 4/20/2021		End Time (UTC) 15:57		Approx. Long. (if available) 90 15 51.15413 W	
Describe any abnormalities and/or problems encountered during the session, include time of occurrence and duration.			Site Diagram/Setup-Photo		

GPS SESSION FORM



Contract # / TO # 140G0220F245		Client / Project Name Dewberry Engineers Inc. LA_COASTALLOUISIANA_2020_D20		Date 4/20/2021	
DAS Project No. 20009		Survey Firm DAS		Operator Name Geoffrey McCall	
Monument Name/Designation MSIN			Exact Stamping <i>(include photo in survey report)</i> INFINITY CENTER CORS ARP		
Monument No./PID DN8737		Collection Type <i>(circle one)</i> <input checked="" type="radio"/> ABGPS <input type="radio"/> STATIC <input type="radio"/> RTK		File Name <i>(receiver generated)</i> msin1100.21o	
Receiver Manufacturer N/A		Receiver Model N/A		Receiver Serial No. N/A	
Data Collector Manufacturer Trimble		Data Collector Model		Data Collector Serial No.	
Antenna Part No.		Antenna Model TRIM115000.00		Antenna Serial No. 1550946218	
Starting Antenna Height in Feet 1 2 3 AVG		Starting Antenna Height in Meters 1 2 3 AVG		Type of Measurement <i>(circle one)</i> TRUE VERTICAL <input checked="" type="radio"/> ARP	
Ending Antenna Height in Feet 1 2 3 AVG		Ending Antenna Height in Meters 1 2 3 AVG		Type of Measurement <i>(circle one)</i> TRUE VERTICAL <input checked="" type="radio"/> ARP	
Antenna Reference Point <i>(include and reference a dimensional diagram in Survey Report)</i> <i>(e.g., bottom edge of notch in ground plane, Page 5, Figure 2)</i>					
Start Date (UTC) 4/20/221		Start Time (UTC) 8:24		Approx. Lat. <i>(if available)</i> 30 18 42.22537 N	
End Date (UTC) 4/20/2021		End Time (UTC) 14:00		Approx. Long. <i>(if available)</i> 89 36 15.53908 W	
Describe any abnormalities and/or problems encountered during the session, include time of occurrence and duration.			Site Diagram/Setup-Photo		

GPS SESSION FORM



Contract # / TO # 140G0220F245		Client / Project Name Dewberry Engineers Inc. LA_COASTALLOUISIANA_2020_D20		Date 4/21/2021	
DAS Project No. 20009		Survey Firm DAS		Operator Name Geoffrey McCall	
Monument Name/Designation GAO1			Exact Stamping (include photo in survey report) N/A		
Monument No./PID N/A		Collection Type (circle one) <input checked="" type="radio"/> ABGPS <input type="radio"/> STATIC <input type="radio"/> RTK		File Name (receiver generated) 6674_0421_023450.m00	
Receiver Manufacturer N/A		Receiver Model N/A		Receiver Serial No. N/A	
Data Collector Manufacturer Leica		Data Collector Model GS-15		Data Collector Serial No. 1516674	
Antenna Part No. 6194452		Antenna Model N/A		Antenna Serial No. N/A	
Starting Antenna Height in Feet 1 2 3 AVG		Starting Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Ending Antenna Height in Feet 1 2 3 AVG		Ending Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Antenna Reference Point (include and reference a dimensional diagram in Survey Report) (e.g., bottom edge of notch in ground plane, Page 5, Figure 2)					
Start Date (UTC) 4/21/2021		Start Time (UTC) 6:35		Approx. Lat. (if available) 29 26 32.98384 N	
End Date (UTC) 4/21/2021		End Time (UTC) 12:25		Approx. Long. (if available) 90 15 51.11755 W	
Describe any abnormalities and/or problems encountered during the session, include time of occurrence and duration.			Site Diagram/Setup-Photo		

GPS SESSION FORM



Contract # / TO # 140G0220F245		Client / Project Name Dewberry Engineers Inc. LA_COASTALLOUISIANA_2020_D20		Date 4/21/2021	
DAS Project No. 20009		Survey Firm DAS		Operator Name Geoffrey McCall	
Monument Name/Designation GAO2			Exact Stamping (include photo in survey report) N/A		
Monument No./PID N/A		Collection Type (circle one) <input checked="" type="radio"/> ABGPS <input type="radio"/> STATIC <input type="radio"/> RTK		File Name (receiver generated) 1514_0421_023909.m00	
Receiver Manufacturer N/A		Receiver Model N/A		Receiver Serial No. N/A	
Data Collector Manufacturer Leica		Data Collector Model GS-15		Data Collector Serial No. 1501514	
Antenna Part No. 3725413		Antenna Model N/A		Antenna Serial No. N/A	
Starting Antenna Height in Feet 1 2 3 AVG		Starting Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Ending Antenna Height in Feet 1 2 3 AVG		Ending Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Antenna Reference Point (include and reference a dimensional diagram in Survey Report) (e.g., bottom edge of notch in ground plane, Page 5, Figure 2)					
Start Date (UTC) 4/21/2021		Start Time (UTC) 6:39		Approx. Lat. (if available) 29 26 33.51476 N	
End Date (UTC) 4/21/2021		End Time (UTC) 12:26		Approx. Long. (if available) 90 15 51.15413 W	
Describe any abnormalities and/or problems encountered during the session, include time of occurrence and duration.			Site Diagram/Setup-Photo		

GPS SESSION FORM



Contract # / TO # 140G0220F245		Client / Project Name Dewberry Engineers Inc. LA_COASTALLOUISIANA_2020_D20		Date 4/22/2021	
DAS Project No. 20009		Survey Firm DAS		Operator Name Geoffrey McCall	
Monument Name/Designation GAO1			Exact Stamping (include photo in survey report) N/A		
Monument No./PID N/A		Collection Type (circle one) <input checked="" type="radio"/> ABGPS <input type="radio"/> STATIC <input type="radio"/> RTK		File Name (receiver generated) 6674_0422_065847.m00	
Receiver Manufacturer N/A		Receiver Model N/A		Receiver Serial No. N/A	
Data Collector Manufacturer Leica		Data Collector Model GS-15		Data Collector Serial No. 1516674	
Antenna Part No. 6194452		Antenna Model N/A		Antenna Serial No. N/A	
Starting Antenna Height in Feet 1 2 3 AVG		Starting Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Ending Antenna Height in Feet 1 2 3 AVG		Ending Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Antenna Reference Point (include and reference a dimensional diagram in Survey Report) (e.g., bottom edge of notch in ground plane, Page 5, Figure 2)					
Start Date (UTC) 4/22/2021		Start Time (UTC) 10:58		Approx. Lat. (if available) 29 26 32.98384 N	
End Date (UTC) 4/22/2021		End Time (UTC) 15:34		Approx. Long. (if available) 90 15 51.11755 W	
Describe any abnormalities and/or problems encountered during the session, include time of occurrence and duration.			Site Diagram/Setup-Photo		

GPS SESSION FORM



Contract # / TO # 140G0220F245		Client / Project Name Dewberry Engineers Inc. LA_COASTALLOUISIANA_2020_D20		Date 4/22/2021	
DAS Project No. 20009		Survey Firm DAS		Operator Name Geoffrey McCall	
Monument Name/Designation GAO2			Exact Stamping (include photo in survey report) N/A		
Monument No./PID N/A		Collection Type (circle one) <input checked="" type="radio"/> ABGPS <input type="radio"/> STATIC <input type="radio"/> RTK		File Name (receiver generated) 1514_0422_070259.m00	
Receiver Manufacturer N/A		Receiver Model N/A		Receiver Serial No. N/A	
Data Collector Manufacturer Leica		Data Collector Model GS-15		Data Collector Serial No. 1501514	
Antenna Part No. 3725413		Antenna Model N/A		Antenna Serial No. N/A	
Starting Antenna Height in Feet 1 2 3 AVG		Starting Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Ending Antenna Height in Feet 1 2 3 AVG		Ending Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Antenna Reference Point (include and reference a dimensional diagram in Survey Report) (e.g., bottom edge of notch in ground plane, Page 5, Figure 2)					
Start Date (UTC) 4/22/2021		Start Time (UTC) 11:03		Approx. Lat. (if available) 29 26 33.51476 N	
End Date (UTC) 4/22/2021		End Time (UTC) 15:36		Approx. Long. (if available) 90 15 51.15413 W	
Describe any abnormalities and/or problems encountered during the session, include time of occurrence and duration.			Site Diagram/Setup-Photo		

GPS SESSION FORM



Contract # / TO # 140G0220F245		Client / Project Name Dewberry Engineers Inc. LA_COASTALLOUISIANA_2020_D20		Date 4/22/2021	
DAS Project No. 20009		Survey Firm DAS		Operator Name Geoffrey McCall	
Monument Name/Designation MSIN			Exact Stamping <i>(include photo in survey report)</i> INFINITY CENTER CORS ARP		
Monument No./PID DN8737		Collection Type <i>(circle one)</i> <input checked="" type="radio"/> ABGPS <input type="radio"/> STATIC <input type="radio"/> RTK		File Name <i>(receiver generated)</i> msin1120.21o	
Receiver Manufacturer N/A		Receiver Model N/A		Receiver Serial No. N/A	
Data Collector Manufacturer Trimble		Data Collector Model		Data Collector Serial No.	
Antenna Part No.		Antenna Model TRIM115000.00		Antenna Serial No. 1550946218	
Starting Antenna Height in Feet 1 2 3 AVG		Starting Antenna Height in Meters 1 2 3 AVG		Type of Measurement <i>(circle one)</i> TRUE VERTICAL <input checked="" type="radio"/> ARP	
Ending Antenna Height in Feet 1 2 3 AVG		Ending Antenna Height in Meters 1 2 3 AVG		Type of Measurement <i>(circle one)</i> TRUE VERTICAL <input checked="" type="radio"/> ARP	
Antenna Reference Point <i>(include and reference a dimensional diagram in Survey Report)</i> <i>(e.g., bottom edge of notch in ground plane, Page 5, Figure 2)</i>					
Start Date (UTC) 4/22/221		Start Time (UTC) 11:03		Approx. Lat. <i>(if available)</i> 30 18 42.22537 N	
End Date (UTC) 4/22/2021		End Time (UTC) 20:00		Approx. Long. <i>(if available)</i> 89 36 15.53908 W	
Describe any abnormalities and/or problems encountered during the session, include time of occurrence and duration.			Site Diagram/Setup-Photo		

GPS SESSION FORM



Contract # / TO # 140G0220F245		Client / Project Name Dewberry Engineers Inc. LA_COASTALLOUISIANA_2020_D20		Date 4/26/2021	
DAS Project No. 20009		Survey Firm DAS		Operator Name Geoffrey McCall	
Monument Name/Designation GAO1			Exact Stamping (include photo in survey report) N/A		
Monument No./PID N/A		Collection Type (circle one) <input checked="" type="radio"/> ABGPS <input type="radio"/> STATIC <input type="radio"/> RTK		File Name (receiver generated) 6674_0426_172725.m00	
Receiver Manufacturer N/A		Receiver Model N/A		Receiver Serial No. N/A	
Data Collector Manufacturer Leica		Data Collector Model GS-15		Data Collector Serial No. 1516674	
Antenna Part No. 6194452		Antenna Model N/A		Antenna Serial No. N/A	
Starting Antenna Height in Feet 1 2 3 AVG		Starting Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Ending Antenna Height in Feet 1 2 3 AVG		Ending Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Antenna Reference Point (include and reference a dimensional diagram in Survey Report) (e.g., bottom edge of notch in ground plane, Page 5, Figure 2)					
Start Date (UTC) 4/26/2021		Start Time (UTC) 21:27		Approx. Lat. (if available) 29 26 32.98384 N	
End Date (UTC) 4/27/2021		End Time (UTC) 6:03		Approx. Long. (if available) 90 15 51.11755 W	
Describe any abnormalities and/or problems encountered during the session, include time of occurrence and duration.			Site Diagram/Setup-Photo		

GPS SESSION FORM



Contract # / TO # 140G0220F245		Client / Project Name Dewberry Engineers Inc. LA_COASTALLOUISIANA_2020_D20		Date 4/26/2021	
DAS Project No. 20009		Survey Firm DAS		Operator Name Geoffrey McCall	
Monument Name/Designation GAO2			Exact Stamping (include photo in survey report) N/A		
Monument No./PID N/A		Collection Type (circle one) <input checked="" type="radio"/> ABGPS <input type="radio"/> STATIC <input type="radio"/> RTK		File Name (receiver generated) 1514_0426_173024.m00	
Receiver Manufacturer N/A		Receiver Model N/A		Receiver Serial No. N/A	
Data Collector Manufacturer Leica		Data Collector Model GS-15		Data Collector Serial No. 1501514	
Antenna Part No. 3725413		Antenna Model N/A		Antenna Serial No. N/A	
Starting Antenna Height in Feet 1 2 3 AVG		Starting Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Ending Antenna Height in Feet 1 2 3 AVG		Ending Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Antenna Reference Point (include and reference a dimensional diagram in Survey Report) (e.g., bottom edge of notch in ground plane, Page 5, Figure 2)					
Start Date (UTC) 4/26/2021		Start Time (UTC) 21:30		Approx. Lat. (if available) 29 26 33.51476 N	
End Date (UTC) 4/27/2021		End Time (UTC) 6:05		Approx. Long. (if available) 90 15 51.15413 W	
Describe any abnormalities and/or problems encountered during the session, include time of occurrence and duration.			Site Diagram/Setup-Photo		

GPS SESSION FORM



Contract # / TO # 140G0220F245		Client / Project Name Dewberry Engineers Inc. LA_COASTALLOUISIANA_2020_D20		Date 4/26/2021	
DAS Project No. 20009		Survey Firm DAS		Operator Name Geoffrey McCall	
Monument Name/Designation MSIN			Exact Stamping <i>(include photo in survey report)</i> INFINITY CENTER CORS ARP		
Monument No./PID DN8737		Collection Type <i>(circle one)</i> <input checked="" type="radio"/> ABGPS <input type="radio"/> STATIC <input type="radio"/> RTK		File Name <i>(receiver generated)</i> msin1160.21o	
Receiver Manufacturer N/A		Receiver Model N/A		Receiver Serial No. N/A	
Data Collector Manufacturer Trimble		Data Collector Model		Data Collector Serial No.	
Antenna Part No.		Antenna Model TRIM115000.00		Antenna Serial No. 1550946218	
Starting Antenna Height in Feet 1 2 3 AVG		Starting Antenna Height in Meters 1 2 3 AVG		Type of Measurement <i>(circle one)</i> TRUE VERTICAL <input checked="" type="radio"/> ARP	
Ending Antenna Height in Feet 1 2 3 AVG		Ending Antenna Height in Meters 1 2 3 AVG		Type of Measurement <i>(circle one)</i> TRUE VERTICAL <input checked="" type="radio"/> ARP	
Antenna Reference Point <i>(include and reference a dimensional diagram in Survey Report)</i> <i>(e.g., bottom edge of notch in ground plane, Page 5, Figure 2)</i>					
Start Date (UTC) 4/26/221		Start Time (UTC) 21:30		Approx. Lat. <i>(if available)</i> 30 18 42.22537 N	
End Date (UTC) 4/27/2021		End Time (UTC) 7:00		Approx. Long. <i>(if available)</i> 89 36 15.53908 W	
Describe any abnormalities and/or problems encountered during the session, include time of occurrence and duration.			Site Diagram/Setup-Photo		

GPS SESSION FORM



Contract # / TO # 140G0220F245		Client / Project Name Dewberry Engineers Inc. LA_COASTALLOUISIANA_2020_D20		Date 4/28/2021	
DAS Project No. 20009		Survey Firm DAS		Operator Name Geoffrey McCall	
Monument Name/Designation GAO1			Exact Stamping (include photo in survey report) N/A		
Monument No./PID N/A		Collection Type (circle one) <input checked="" type="radio"/> ABGPS <input type="radio"/> STATIC <input type="radio"/> RTK		File Name (receiver generated) 6674_0428_191955.m00	
Receiver Manufacturer N/A		Receiver Model N/A		Receiver Serial No. N/A	
Data Collector Manufacturer Leica		Data Collector Model GS-15		Data Collector Serial No. 1516674	
Antenna Part No. 6194452		Antenna Model N/A		Antenna Serial No. N/A	
Starting Antenna Height in Feet 1 2 3 AVG		Starting Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Ending Antenna Height in Feet 1 2 3 AVG		Ending Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Antenna Reference Point (include and reference a dimensional diagram in Survey Report) (e.g., bottom edge of notch in ground plane, Page 5, Figure 2)					
Start Date (UTC) 4/28/2021		Start Time (UTC) 23:20		Approx. Lat. (if available) 29 26 32.98384 N	
End Date (UTC) 4/28/2021		End Time (UTC) 15:32		Approx. Long. (if available) 90 15 51.11755 W	
Describe any abnormalities and/or problems encountered during the session, include time of occurrence and duration.			Site Diagram/Setup-Photo		

GPS SESSION FORM



Contract # / TO # 140G0220F245		Client / Project Name Dewberry Engineers Inc. LA_COASTALLOUISIANA_2020_D20		Date 4/28/2021	
DAS Project No. 20009		Survey Firm DAS		Operator Name Geoffrey McCall	
Monument Name/Designation GAO2			Exact Stamping (include photo in survey report) N/A		
Monument No./PID N/A		Collection Type (circle one) <input checked="" type="radio"/> ABGPS <input type="radio"/> STATIC <input type="radio"/> RTK		File Name (receiver generated) 1514_0428_192325.m00	
Receiver Manufacturer N/A		Receiver Model N/A		Receiver Serial No. N/A	
Data Collector Manufacturer Leica		Data Collector Model GS-15		Data Collector Serial No. 1501514	
Antenna Part No. 3725413		Antenna Model N/A		Antenna Serial No. N/A	
Starting Antenna Height in Feet 1 2 3 AVG		Starting Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Ending Antenna Height in Feet 1 2 3 AVG		Ending Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Antenna Reference Point (include and reference a dimensional diagram in Survey Report) (e.g., bottom edge of notch in ground plane, Page 5, Figure 2)					
Start Date (UTC) 4/28/2021		Start Time (UTC) 23:23		Approx. Lat. (if available) 29 26 33.51476 N	
End Date (UTC) 4/28/2021		End Time (UTC) 10:34		Approx. Long. (if available) 90 15 51.15413 W	
Describe any abnormalities and/or problems encountered during the session, include time of occurrence and duration.			Site Diagram/Setup-Photo		

GPS SESSION FORM



Contract # / TO # 140G0220F245		Client / Project Name Dewberry Engineers Inc. LA_COASTALLOUISIANA_2020_D20		Date 4/29/2021	
DAS Project No. 20009		Survey Firm DAS		Operator Name Geoffrey McCall	
Monument Name/Designation GAO1			Exact Stamping (include photo in survey report) N/A		
Monument No./PID N/A		Collection Type (circle one) <input checked="" type="radio"/> ABGPS <input type="radio"/> STATIC <input type="radio"/> RTK		File Name (receiver generated) 6674_0429_194626.m00	
Receiver Manufacturer N/A		Receiver Model N/A		Receiver Serial No. N/A	
Data Collector Manufacturer Leica		Data Collector Model GS-15		Data Collector Serial No. 1516674	
Antenna Part No. 6194452		Antenna Model N/A		Antenna Serial No. N/A	
Starting Antenna Height in Feet 1 2 3 AVG		Starting Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Ending Antenna Height in Feet 1 2 3 AVG		Ending Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Antenna Reference Point (include and reference a dimensional diagram in Survey Report) (e.g., bottom edge of notch in ground plane, Page 5, Figure 2)					
Start Date (UTC) 4/28/2021		Start Time (UTC) 23:45		Approx. Lat. (if available) 29 26 32.98384 N	
End Date (UTC) 4/30/2021		End Time (UTC) 5:28		Approx. Long. (if available) 90 15 51.11755 W	
Describe any abnormalities and/or problems encountered during the session, include time of occurrence and duration.			Site Diagram/Setup-Photo		

GPS SESSION FORM



Contract # / TO # 140G0220F245		Client / Project Name Dewberry Engineers Inc. LA_COASTALLOUISIANA_2020_D20		Date 4/29/2021	
DAS Project No. 20009		Survey Firm DAS		Operator Name Geoffrey McCall	
Monument Name/Designation GAO2			Exact Stamping (include photo in survey report) N/A		
Monument No./PID N/A		Collection Type (circle one) <input checked="" type="radio"/> ABGPS <input type="radio"/> STATIC <input type="radio"/> RTK		File Name (receiver generated) 1514_0429_192440.m00	
Receiver Manufacturer N/A		Receiver Model N/A		Receiver Serial No. N/A	
Data Collector Manufacturer Leica		Data Collector Model GS-15		Data Collector Serial No. 1501514	
Antenna Part No. 3725413		Antenna Model N/A		Antenna Serial No. N/A	
Starting Antenna Height in Feet 1 2 3 AVG		Starting Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Ending Antenna Height in Feet 1 2 3 AVG		Ending Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Antenna Reference Point (include and reference a dimensional diagram in Survey Report) (e.g., bottom edge of notch in ground plane, Page 5, Figure 2)					
Start Date (UTC) 4/29/2021		Start Time (UTC) 23:24		Approx. Lat. (if available) 29 26 33.51476 N	
End Date (UTC) 4/30/2021		End Time (UTC) 5:30		Approx. Long. (if available) 90 15 51.15413 W	
Describe any abnormalities and/or problems encountered during the session, include time of occurrence and duration.			Site Diagram/Setup-Photo		

GPS SESSION FORM



Contract # / TO # 140G0220F245		Client / Project Name Dewberry Engineers Inc. LA_COASTALLOUISIANA_2020_D20		Date 4/29/2021	
DAS Project No. 20009		Survey Firm DAS		Operator Name Geoffrey McCall	
Monument Name/Designation MSIN			Exact Stamping (include photo in survey report) INFINITY CENTER CORS ARP		
Monument No./PID DN8737		Collection Type (circle one) <input checked="" type="radio"/> ABGPS <input type="radio"/> STATIC <input type="radio"/> RTK		File Name (receiver generated) msin1190.21o	
Receiver Manufacturer N/A		Receiver Model N/A		Receiver Serial No. N/A	
Data Collector Manufacturer Trimble		Data Collector Model		Data Collector Serial No.	
Antenna Part No.		Antenna Model TRIM115000.00		Antenna Serial No. 1550946218	
Starting Antenna Height in Feet 1 2 3 AVG		Starting Antenna Height in Meters 1 2 3 AVG		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Ending Antenna Height in Feet 1 2 3 AVG		Ending Antenna Height in Meters 1 2 3 AVG		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Antenna Reference Point (include and reference a dimensional diagram in Survey Report) (e.g., bottom edge of notch in ground plane, Page 5, Figure 2)					
Start Date (UTC) 4/29/2021		Start Time (UTC) 23:00		Approx. Lat. (if available) 30 18 42.22537 N	
End Date (UTC) 4/30/2021		End Time (UTC) 5:00		Approx. Long. (if available) 89 36 15.53908 W	
Describe any abnormalities and/or problems encountered during the session, include time of occurrence and duration.			Site Diagram/Setup-Photo		

GPS SESSION FORM



Contract # / TO # 140G0220F245		Client / Project Name Dewberry Engineers Inc. LA_COASTALLOUISIANA_2020_D20		Date 5/13/2021	
DAS Project No. 20009		Survey Firm DAS		Operator Name Geoffrey McCall	
Monument Name/Designation GAO1			Exact Stamping <i>(include photo in survey report)</i> N/A		
Monument No./PID N/A		Collection Type <i>(circle one)</i> <input checked="" type="radio"/> ABGPS <input type="radio"/> STATIC <input type="radio"/> RTK		File Name <i>(receiver generated)</i> 6674_0513_161244.m00	
Receiver Manufacturer N/A		Receiver Model N/A		Receiver Serial No. N/A	
Data Collector Manufacturer Leica		Data Collector Model GS-15		Data Collector Serial No. 1516674	
Antenna Part No. 6194452		Antenna Model N/A		Antenna Serial No. N/A	
Starting Antenna Height in Feet 1 2 3 AVG		Starting Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement <i>(circle one)</i> TRUE VERTICAL <input checked="" type="radio"/> ARP	
Ending Antenna Height in Feet 1 2 3 AVG		Ending Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement <i>(circle one)</i> TRUE VERTICAL <input checked="" type="radio"/> ARP	
Antenna Reference Point <i>(include and reference a dimensional diagram in Survey Report)</i> <i>(e.g., bottom edge of notch in ground plane, Page 5, Figure 2)</i>					
Start Date (UTC) 5/13/2021		Start Time (UTC) 20:08		Approx. Lat. <i>(if available)</i> 29 26 32.98384 N	
End Date (UTC) 5/14/2021		End Time (UTC) 8:20		Approx. Long. <i>(if available)</i> 90 15 51.11755 W	
Describe any abnormalities and/or problems encountered during the session, include time of occurrence and duration.			Site Diagram/Setup-Photo		

GPS SESSION FORM



Contract # / TO # 140G0220F245		Client / Project Name Dewberry Engineers Inc. LA_COASTALLOUISIANA_2020_D20		Date 5/13/2021	
DAS Project No. 20009		Survey Firm DAS		Operator Name Geoffrey McCall	
Monument Name/Designation GAO2			Exact Stamping (include photo in survey report) N/A		
Monument No./PID N/A		Collection Type (circle one) <input checked="" type="radio"/> ABGPS <input type="radio"/> STATIC <input type="radio"/> RTK		File Name (receiver generated) 1514_0513_160803.m00	
Receiver Manufacturer N/A		Receiver Model N/A		Receiver Serial No. N/A	
Data Collector Manufacturer Leica		Data Collector Model GS-15		Data Collector Serial No. 1501514	
Antenna Part No. 3725413		Antenna Model N/A		Antenna Serial No. N/A	
Starting Antenna Height in Feet 1 2 3 AVG		Starting Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Ending Antenna Height in Feet 1 2 3 AVG		Ending Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Antenna Reference Point (include and reference a dimensional diagram in Survey Report) (e.g., bottom edge of notch in ground plane, Page 5, Figure 2)					
Start Date (UTC) 5/13/2021		Start Time (UTC) 20:13		Approx. Lat. (if available) 29 26 33.51476 N	
End Date (UTC) 5/14/2021		End Time (UTC) 8:21		Approx. Long. (if available) 90 15 51.15413 W	
Describe any abnormalities and/or problems encountered during the session, include time of occurrence and duration.			Site Diagram/Setup-Photo		

GPS SESSION FORM



Contract # / TO # 140G0220F245		Client / Project Name Dewberry Engineers Inc. LA_COASTALLOUISIANA_2020_D20		Date 5/14/2021	
DAS Project No. 20009		Survey Firm DAS		Operator Name Geoffrey McCall	
Monument Name/Designation GAO1			Exact Stamping (include photo in survey report) N/A		
Monument No./PID N/A		Collection Type (circle one) <input checked="" type="radio"/> ABGPS <input type="radio"/> STATIC <input type="radio"/> RTK		File Name (receiver generated) 6674_0514_195939.m00	
Receiver Manufacturer N/A		Receiver Model N/A		Receiver Serial No. N/A	
Data Collector Manufacturer Leica		Data Collector Model GS-15		Data Collector Serial No. 1516674	
Antenna Part No. 6194452		Antenna Model N/A		Antenna Serial No. N/A	
Starting Antenna Height in Feet 1 2 3 AVG		Starting Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Ending Antenna Height in Feet 1 2 3 AVG		Ending Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Antenna Reference Point (include and reference a dimensional diagram in Survey Report) (e.g., bottom edge of notch in ground plane, Page 5, Figure 2)					
Start Date (UTC) 5/14/2021		Start Time (UTC) 23:59		Approx. Lat. (if available) 29 26 32.98384 N	
End Date (UTC) 5/15/2021		End Time (UTC) 8:26		Approx. Long. (if available) 90 15 51.11755 W	
Describe any abnormalities and/or problems encountered during the session, include time of occurrence and duration.			Site Diagram/Setup-Photo		

GPS SESSION FORM



Contract # / TO # 140G0220F245		Client / Project Name Dewberry Engineers Inc. LA_COASTALLOUISIANA_2020_D20		Date 5/14/2021	
DAS Project No. 20009		Survey Firm DAS		Operator Name Geoffrey McCall	
Monument Name/Designation GAO2			Exact Stamping (include photo in survey report) N/A		
Monument No./PID N/A		Collection Type (circle one) <input checked="" type="radio"/> ABGPS <input type="radio"/> STATIC <input type="radio"/> RTK		File Name (receiver generated) 1514_0514_200330.m00	
Receiver Manufacturer N/A		Receiver Model N/A		Receiver Serial No. N/A	
Data Collector Manufacturer Leica		Data Collector Model GS-15		Data Collector Serial No. 1501514	
Antenna Part No. 3725413		Antenna Model N/A		Antenna Serial No. N/A	
Starting Antenna Height in Feet 1 2 3 AVG		Starting Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Ending Antenna Height in Feet 1 2 3 AVG		Ending Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Antenna Reference Point (include and reference a dimensional diagram in Survey Report) (e.g., bottom edge of notch in ground plane, Page 5, Figure 2)					
Start Date (UTC) 5/15/2021		Start Time (UTC) 12:03		Approx. Lat. (if available) 29 26 33.51476 N	
End Date (UTC) 5/15/2021		End Time (UTC) 8:28		Approx. Long. (if available) 90 15 51.15413 W	
Describe any abnormalities and/or problems encountered during the session, include time of occurrence and duration.			Site Diagram/Setup-Photo		

GPS SESSION FORM



Contract # / TO # 140G0220F245		Client / Project Name Dewberry Engineers Inc. LA_COASTALLOUISIANA_2020_D20		Date 5/15/2021	
DAS Project No. 20009		Survey Firm DAS		Operator Name Geoffrey McCall	
Monument Name/Designation MSIN			Exact Stamping <i>(include photo in survey report)</i> INFINITY CENTER CORS ARP		
Monument No./PID DN8737		Collection Type <i>(circle one)</i> <input checked="" type="radio"/> ABGPS <input type="radio"/> STATIC <input type="radio"/> RTK		File Name <i>(receiver generated)</i> msin1340.21o	
Receiver Manufacturer N/A		Receiver Model N/A		Receiver Serial No. N/A	
Data Collector Manufacturer Trimble		Data Collector Model		Data Collector Serial No.	
Antenna Part No.		Antenna Model TRIM115000.00		Antenna Serial No. 1550946218	
Starting Antenna Height in Feet 1 2 3 AVG		Starting Antenna Height in Meters 1 2 3 AVG		Type of Measurement <i>(circle one)</i> TRUE VERTICAL <input checked="" type="radio"/> ARP	
Ending Antenna Height in Feet 1 2 3 AVG		Ending Antenna Height in Meters 1 2 3 AVG		Type of Measurement <i>(circle one)</i> TRUE VERTICAL <input checked="" type="radio"/> ARP	
Antenna Reference Point <i>(include and reference a dimensional diagram in Survey Report)</i> <i>(e.g., bottom edge of notch in ground plane, Page 5, Figure 2)</i>					
Start Date (UTC) 5/15/2021		Start Time (UTC) 0:03		Approx. Lat. <i>(if available)</i> 30 18 42.22537 N	
End Date (UTC) 5/15/2021		End Time (UTC) 9:00		Approx. Long. <i>(if available)</i> 89 36 15.53908 W	
Describe any abnormalities and/or problems encountered during the session, include time of occurrence and duration.			Site Diagram/Setup-Photo		

GPS SESSION FORM



Contract # / TO # 140G0220F245		Client / Project Name Dewberry Engineers Inc. LA_COASTALLOUISIANA_2020_D20		Date 5/15/2021	
DAS Project No. 20009		Survey Firm DAS		Operator Name Geoffrey McCall	
Monument Name/Designation GAO1			Exact Stamping (include photo in survey report) N/A		
Monument No./PID N/A		Collection Type (circle one) <input checked="" type="radio"/> ABGPS <input type="radio"/> STATIC <input type="radio"/> RTK		File Name (receiver generated) 6674_0516_010952.m00	
Receiver Manufacturer N/A		Receiver Model N/A		Receiver Serial No. N/A	
Data Collector Manufacturer Leica		Data Collector Model GS-15		Data Collector Serial No. 1516674	
Antenna Part No. 6194452		Antenna Model N/A		Antenna Serial No. N/A	
Starting Antenna Height in Feet 1 2 3 AVG		Starting Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Ending Antenna Height in Feet 1 2 3 AVG		Ending Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Antenna Reference Point (include and reference a dimensional diagram in Survey Report) (e.g., bottom edge of notch in ground plane, Page 5, Figure 2)					
Start Date (UTC) 5/16/2021		Start Time (UTC) 5:10		Approx. Lat. (if available) 29 26 32.98384 N	
End Date (UTC) 5/16/2021		End Time (UTC) 12:50		Approx. Long. (if available) 90 15 51.11755 W	
Describe any abnormalities and/or problems encountered during the session, include time of occurrence and duration.			Site Diagram/Setup-Photo		

GPS SESSION FORM



Contract # / TO # 140G0220F245		Client / Project Name Dewberry Engineers Inc. LA_COASTALLOUISIANA_2020_D20		Date 5/15/2021	
DAS Project No. 20009		Survey Firm DAS		Operator Name Geoffrey McCall	
Monument Name/Designation MSIN			Exact Stamping (include photo in survey report) INFINITY CENTER CORS ARP		
Monument No./PID DN8737		Collection Type (circle one) <input checked="" type="radio"/> ABGPS <input type="radio"/> STATIC <input type="radio"/> RTK		File Name (receiver generated) msin1360.21o	
Receiver Manufacturer N/A		Receiver Model N/A		Receiver Serial No. N/A	
Data Collector Manufacturer Trimble		Data Collector Model		Data Collector Serial No.	
Antenna Part No.		Antenna Model TRIM115000.00		Antenna Serial No. 1550946218	
Starting Antenna Height in Feet 1 2 3 AVG		Starting Antenna Height in Meters 1 2 3 AVG		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Ending Antenna Height in Feet 1 2 3 AVG		Ending Antenna Height in Meters 1 2 3 AVG		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Antenna Reference Point (include and reference a dimensional diagram in Survey Report) (e.g., bottom edge of notch in ground plane, Page 5, Figure 2)					
Start Date (UTC) 5/16/2021		Start Time (UTC) 5:00		Approx. Lat. (if available) 30 18 42.22537 N	
End Date (UTC) 5/16/2021		End Time (UTC) 15:00		Approx. Long. (if available) 89 36 15.53908 W	
Describe any abnormalities and/or problems encountered during the session, include time of occurrence and duration.			Site Diagram/Setup-Photo		

GPS SESSION FORM



Contract # / TO # 140G0220F245		Client / Project Name Dewberry Engineers Inc. LA_COASTALLOUISIANA_2020_D20		Date 5/24/2021	
DAS Project No. 20009		Survey Firm DAS		Operator Name Geoffrey McCall	
Monument Name/Designation GAO1			Exact Stamping (include photo in survey report) N/A		
Monument No./PID N/A		Collection Type (circle one) <input checked="" type="radio"/> ABGPS <input type="radio"/> STATIC <input type="radio"/> RTK		File Name (receiver generated) 6674_0524_163847.m00	
Receiver Manufacturer N/A		Receiver Model N/A		Receiver Serial No. N/A	
Data Collector Manufacturer Leica		Data Collector Model GS-15		Data Collector Serial No. 1516674	
Antenna Part No. 6194452		Antenna Model N/A		Antenna Serial No. N/A	
Starting Antenna Height in Feet 1 2 3 AVG		Starting Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Ending Antenna Height in Feet 1 2 3 AVG		Ending Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Antenna Reference Point (include and reference a dimensional diagram in Survey Report) (e.g., bottom edge of notch in ground plane, Page 5, Figure 2)					
Start Date (UTC) 5/24/2021		Start Time (UTC) 20:38		Approx. Lat. (if available) 29 26 32.98384 N	
End Date (UTC) 5/25/2021		End Time (UTC) 5:37		Approx. Long. (if available) 90 15 51.11755 W	
Describe any abnormalities and/or problems encountered during the session, include time of occurrence and duration.			Site Diagram/Setup-Photo		

GPS SESSION FORM



Contract # / TO # 140G0220F245		Client / Project Name Dewberry Engineers Inc. LA_COASTALLOUISIANA_2020_D20		Date 5/24/2021	
DAS Project No. 20009		Survey Firm DAS		Operator Name Geoffrey McCall	
Monument Name/Designation GAO2			Exact Stamping <i>(include photo in survey report)</i> N/A		
Monument No./PID N/A		Collection Type <i>(circle one)</i> <input checked="" type="radio"/> ABGPS <input type="radio"/> STATIC <input type="radio"/> RTK		File Name <i>(receiver generated)</i> 1514_0524_164241.m00	
Receiver Manufacturer N/A		Receiver Model N/A		Receiver Serial No. N/A	
Data Collector Manufacturer Leica		Data Collector Model GS-15		Data Collector Serial No. 1501514	
Antenna Part No. 3725413		Antenna Model N/A		Antenna Serial No. N/A	
Starting Antenna Height in Feet 1 2 3 AVG		Starting Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement <i>(circle one)</i> TRUE VERTICAL <input checked="" type="radio"/> ARP	
Ending Antenna Height in Feet 1 2 3 AVG		Ending Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement <i>(circle one)</i> TRUE VERTICAL <input checked="" type="radio"/> ARP	
Antenna Reference Point <i>(include and reference a dimensional diagram in Survey Report)</i> <i>(e.g., bottom edge of notch in ground plane, Page 5, Figure 2)</i>					
Start Date (UTC) 5/24/2021		Start Time (UTC) 20:42		Approx. Lat. <i>(if available)</i> 29 26 33.51476 N	
End Date (UTC) 5/25/2021		End Time (UTC) 5:37		Approx. Long. <i>(if available)</i> 90 15 51.15413 W	
Describe any abnormalities and/or problems encountered during the session, include time of occurrence and duration.			Site Diagram/Setup-Photo		

GPS SESSION FORM



Contract # / TO # 140G0220F245		Client / Project Name Dewberry Engineers Inc. LA_COASTALLOUISIANA_2020_D20		Date 5/25/2021	
DAS Project No. 20009		Survey Firm DAS		Operator Name Geoffrey McCall	
Monument Name/Designation GAO1			Exact Stamping (include photo in survey report) N/A		
Monument No./PID N/A		Collection Type (circle one) <input checked="" type="radio"/> ABGPS <input type="radio"/> STATIC <input type="radio"/> RTK		File Name (receiver generated) 6674_0525_170746.m00	
Receiver Manufacturer N/A		Receiver Model N/A		Receiver Serial No. N/A	
Data Collector Manufacturer Leica		Data Collector Model GS-15		Data Collector Serial No. 1516674	
Antenna Part No. 6194452		Antenna Model N/A		Antenna Serial No. N/A	
Starting Antenna Height in Feet 1 2 3 AVG		Starting Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Ending Antenna Height in Feet 1 2 3 AVG		Ending Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Antenna Reference Point (include and reference a dimensional diagram in Survey Report) (e.g., bottom edge of notch in ground plane, Page 5, Figure 2)					
Start Date (UTC) 5/25/2021		Start Time (UTC) 21:07		Approx. Lat. (if available) 29 26 32.98384 N	
End Date (UTC) 5/26/2021		End Time (UTC) 2:29		Approx. Long. (if available) 90 15 51.11755 W	
Describe any abnormalities and/or problems encountered during the session, include time of occurrence and duration.			Site Diagram/Setup-Photo		

GPS SESSION FORM



Contract # / TO # 140G0220F245		Client / Project Name Dewberry Engineers Inc. LA_COASTALLOUISIANA_2020_D20		Date 5/25/2021	
DAS Project No. 20009		Survey Firm DAS		Operator Name Geoffrey McCall	
Monument Name/Designation GAO2			Exact Stamping (include photo in survey report) N/A		
Monument No./PID N/A		Collection Type (circle one) <input checked="" type="radio"/> ABGPS <input type="radio"/> STATIC <input type="radio"/> RTK		File Name (receiver generated) 1514_0525_171109.m00	
Receiver Manufacturer N/A		Receiver Model N/A		Receiver Serial No. N/A	
Data Collector Manufacturer Leica		Data Collector Model GS-15		Data Collector Serial No. 1501514	
Antenna Part No. 3725413		Antenna Model N/A		Antenna Serial No. N/A	
Starting Antenna Height in Feet 1 2 3 AVG		Starting Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Ending Antenna Height in Feet 1 2 3 AVG		Ending Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Antenna Reference Point (include and reference a dimensional diagram in Survey Report) (e.g., bottom edge of notch in ground plane, Page 5, Figure 2)					
Start Date (UTC) 5/25/2021		Start Time (UTC) 21:11		Approx. Lat. (if available) 29 26 33.51476 N	
End Date (UTC) 5/26/2021		End Time (UTC) 2:31		Approx. Long. (if available) 90 15 51.15413 W	
Describe any abnormalities and/or problems encountered during the session, include time of occurrence and duration.			Site Diagram/Setup-Photo		

GPS SESSION FORM



Contract # / TO # 140G0220F245		Client / Project Name Dewberry Engineers Inc. LA_COASTALLOUISIANA_2020_D20		Date 5/26/2021	
DAS Project No. 20009		Survey Firm DAS		Operator Name Geoffrey McCall	
Monument Name/Designation GAO1			Exact Stamping (include photo in survey report) N/A		
Monument No./PID N/A		Collection Type (circle one) <input checked="" type="radio"/> ABGPS <input type="radio"/> STATIC <input type="radio"/> RTK		File Name (receiver generated) 6674_0526_172837.m00	
Receiver Manufacturer N/A		Receiver Model N/A		Receiver Serial No. N/A	
Data Collector Manufacturer Leica		Data Collector Model GS-15		Data Collector Serial No. 1516674	
Antenna Part No. 6194452		Antenna Model N/A		Antenna Serial No. N/A	
Starting Antenna Height in Feet 1 2 3 AVG		Starting Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Ending Antenna Height in Feet 1 2 3 AVG		Ending Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Antenna Reference Point (include and reference a dimensional diagram in Survey Report) (e.g., bottom edge of notch in ground plane, Page 5, Figure 2)					
Start Date (UTC) 5/26/2021		Start Time (UTC) 21:24		Approx. Lat. (if available) 29 26 32.98384 N	
End Date (UTC) 5/27/2021		End Time (UTC) 5:45		Approx. Long. (if available) 90 15 51.11755 W	
Describe any abnormalities and/or problems encountered during the session, include time of occurrence and duration.			Site Diagram/Setup-Photo		

GPS SESSION FORM



Contract # / TO # 140G0220F245		Client / Project Name Dewberry Engineers Inc. LA_COASTALLOUISIANA_2020_D20		Date 5/26/2021	
DAS Project No. 20009		Survey Firm DAS		Operator Name Geoffrey McCall	
Monument Name/Designation GAO2			Exact Stamping (include photo in survey report) N/A		
Monument No./PID N/A		Collection Type (circle one) <input checked="" type="radio"/> ABGPS <input type="radio"/> STATIC <input type="radio"/> RTK		File Name (receiver generated) 1514_0526_172427.m00	
Receiver Manufacturer N/A		Receiver Model N/A		Receiver Serial No. N/A	
Data Collector Manufacturer Leica		Data Collector Model GS-15		Data Collector Serial No. 1501514	
Antenna Part No. 3725413		Antenna Model N/A		Antenna Serial No. N/A	
Starting Antenna Height in Feet 1 2 3 AVG		Starting Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Ending Antenna Height in Feet 1 2 3 AVG		Ending Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Antenna Reference Point (include and reference a dimensional diagram in Survey Report) (e.g., bottom edge of notch in ground plane, Page 5, Figure 2)					
Start Date (UTC) 5/26/2021		Start Time (UTC) 21:28		Approx. Lat. (if available) 29 26 33.51476 N	
End Date (UTC) 5/27/2021		End Time (UTC) 5:47		Approx. Long. (if available) 90 15 51.15413 W	
Describe any abnormalities and/or problems encountered during the session, include time of occurrence and duration.			Site Diagram/Setup-Photo		

GPS SESSION FORM



Contract # / TO # 140G0220F245		Client / Project Name Dewberry Engineers Inc. LA_COASTALLOUISIANA_2020_D20		Date 5/27/2021	
DAS Project No. 20009		Survey Firm DAS		Operator Name Geoffrey McCall	
Monument Name/Designation GAO1			Exact Stamping (include photo in survey report) N/A		
Monument No./PID N/A		Collection Type (circle one) <input checked="" type="radio"/> ABGPS <input type="radio"/> STATIC <input type="radio"/> RTK		File Name (receiver generated) 6674_0527_184410.m00	
Receiver Manufacturer N/A		Receiver Model N/A		Receiver Serial No. N/A	
Data Collector Manufacturer Leica		Data Collector Model GS-15		Data Collector Serial No. 1516674	
Antenna Part No. 6194452		Antenna Model N/A		Antenna Serial No. N/A	
Starting Antenna Height in Feet 1 2 3 AVG		Starting Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Ending Antenna Height in Feet 1 2 3 AVG		Ending Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Antenna Reference Point (include and reference a dimensional diagram in Survey Report) (e.g., bottom edge of notch in ground plane, Page 5, Figure 2)					
Start Date (UTC) 5/27/2021		Start Time (UTC) 22:44		Approx. Lat. (if available) 29 26 32.98384 N	
End Date (UTC) 5/28/2021		End Time (UTC) 0:23		Approx. Long. (if available) 90 15 51.11755 W	
Describe any abnormalities and/or problems encountered during the session, include time of occurrence and duration.			Site Diagram/Setup-Photo		

GPS SESSION FORM



Contract # / TO # 140G0220F245		Client / Project Name Dewberry Engineers Inc. LA_COASTALLOUISIANA_2020_D20		Date 5/27/2021	
DAS Project No. 20009		Survey Firm DAS		Operator Name Geoffrey McCall	
Monument Name/Designation GAO2			Exact Stamping (include photo in survey report) N/A		
Monument No./PID N/A		Collection Type (circle one) <input checked="" type="radio"/> ABGPS <input type="radio"/> STATIC <input type="radio"/> RTK		File Name (receiver generated) 1514_0527_184012.m00	
Receiver Manufacturer N/A		Receiver Model N/A		Receiver Serial No. N/A	
Data Collector Manufacturer Leica		Data Collector Model GS-15		Data Collector Serial No. 1501514	
Antenna Part No. 3725413		Antenna Model N/A		Antenna Serial No. N/A	
Starting Antenna Height in Feet 1 2 3 AVG		Starting Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Ending Antenna Height in Feet 1 2 3 AVG		Ending Antenna Height in Meters 1 2 3 AVG 1.5		Type of Measurement (circle one) TRUE VERTICAL <input checked="" type="radio"/> ARP	
Antenna Reference Point (include and reference a dimensional diagram in Survey Report) (e.g., bottom edge of notch in ground plane, Page 5, Figure 2)					
Start Date (UTC) 5/27/2021		Start Time (UTC) 22:40		Approx. Lat. (if available) 29 26 33.51476 N	
End Date (UTC) 5/28/2021		End Time (UTC) 0:25		Approx. Long. (if available) 90 15 51.15413 W	
Describe any abnormalities and/or problems encountered during the session, include time of occurrence and duration.			Site Diagram/Setup-Photo		

Appendix C: Inertial Explorer

Output Results for 20210304_010906_1

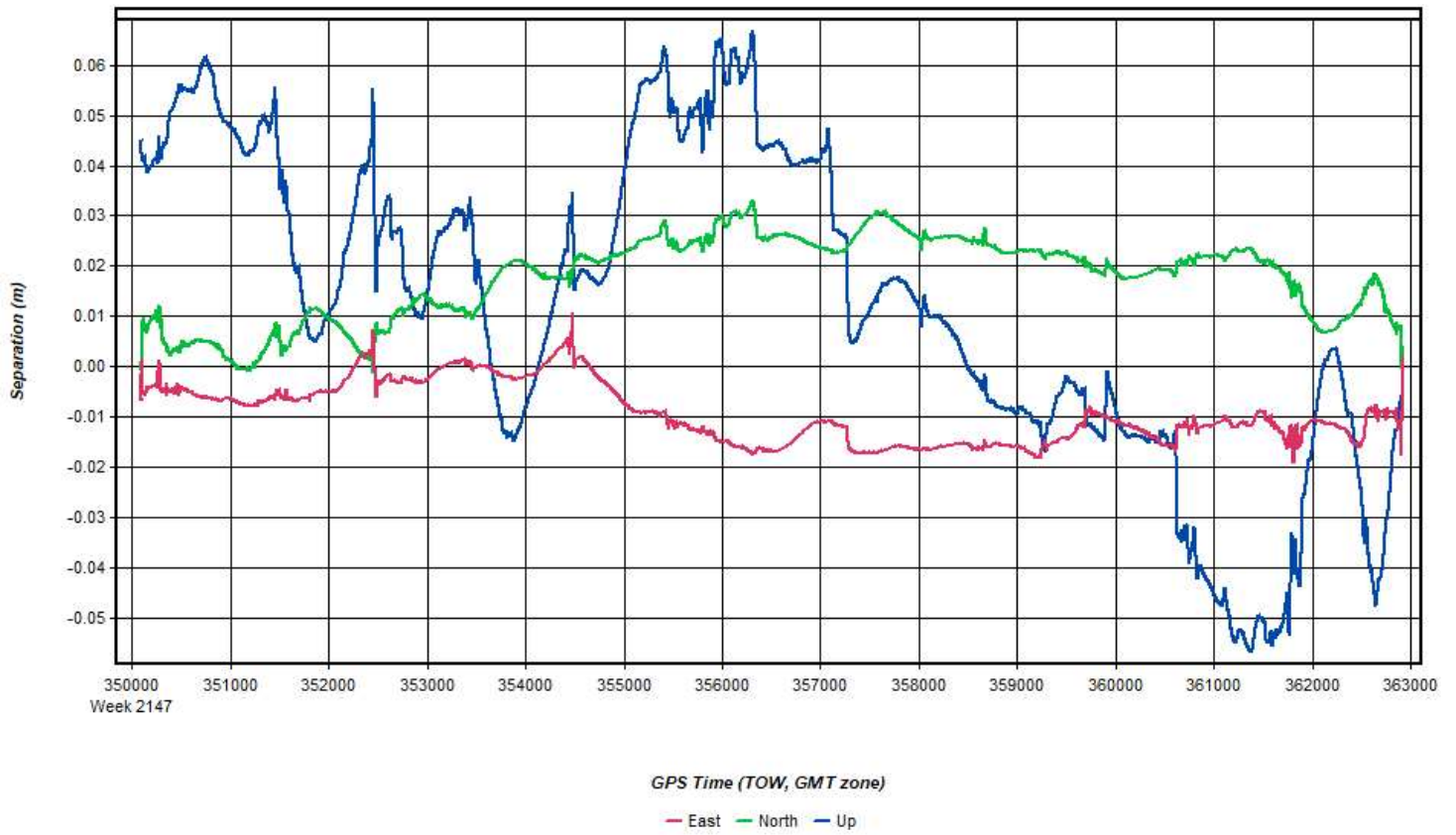
Inertial Explorer Version 8.90.2124
03/09/2021

Figure 1: Smoothed TC Combined - Map



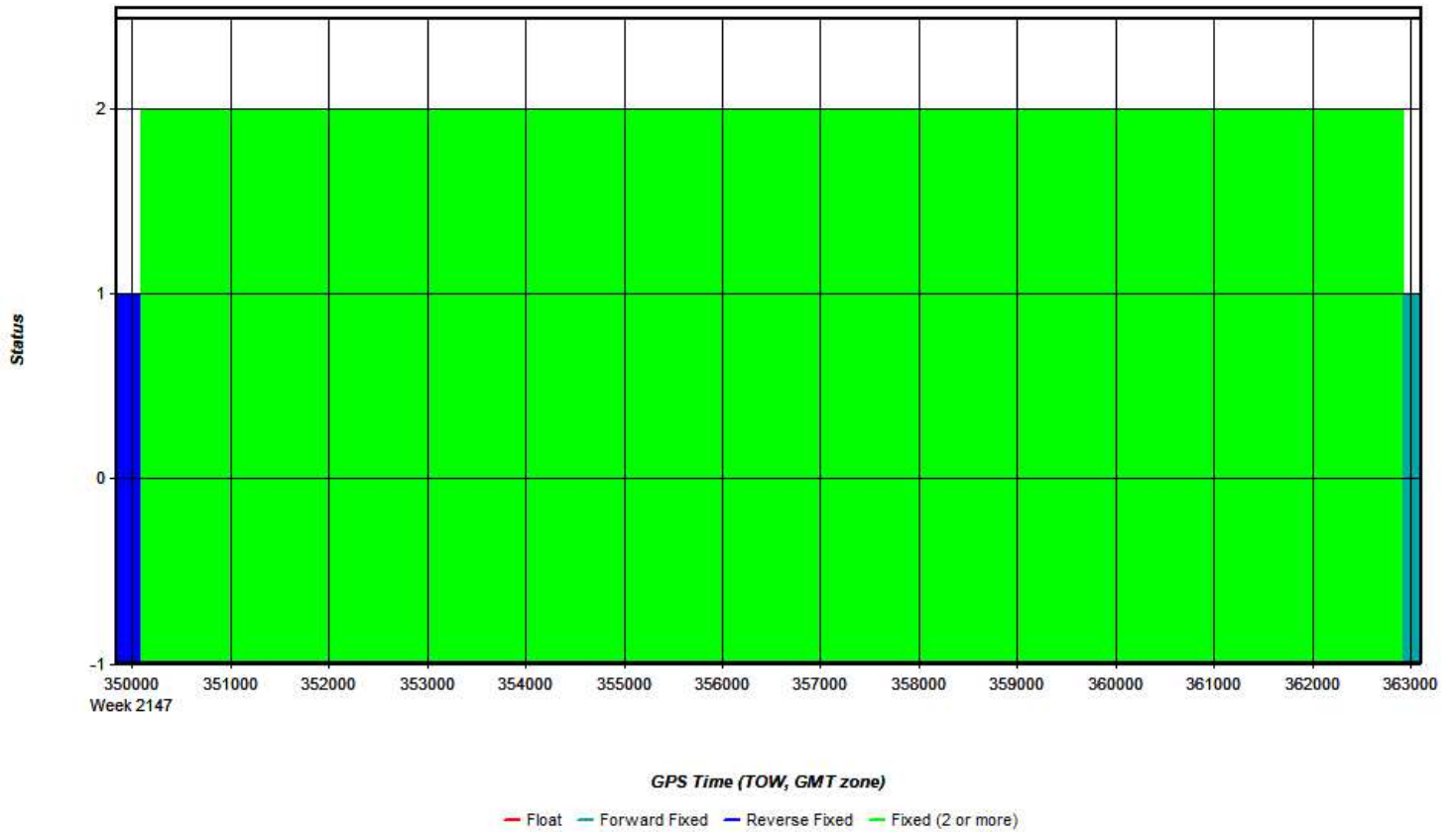
Process	20210304_010906_1	by Unknown	on 3/9/2021	at 15:05:06
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Figure 2: 20210304_010906_1 [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot



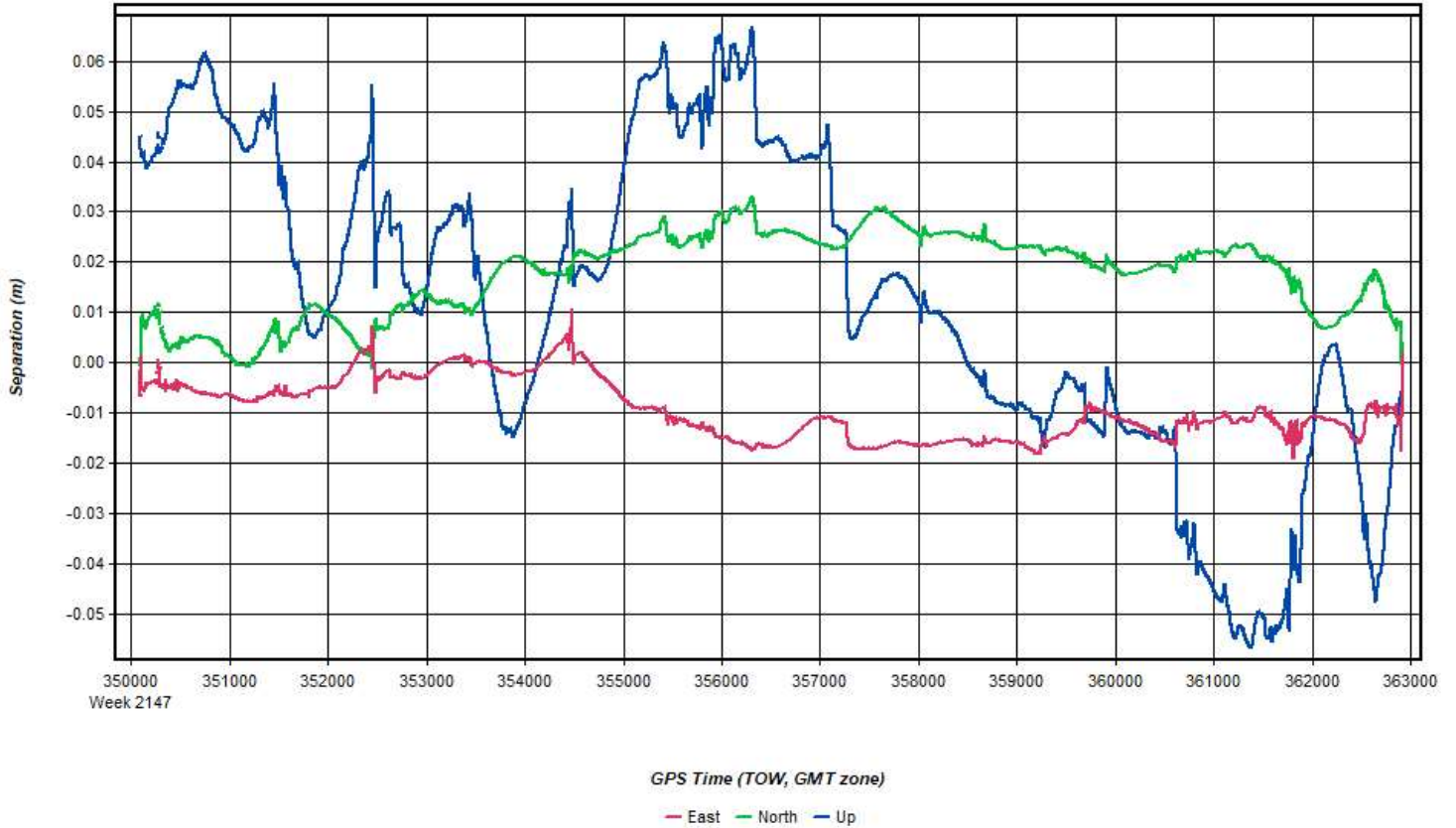
Process	20210304_010906_1	by Unknown	on 3/9/2021	at 15:05:06
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Figure 3: 20210304_010906_1 [Smoothed TC Combined] - Float or Fixed Ambiguity



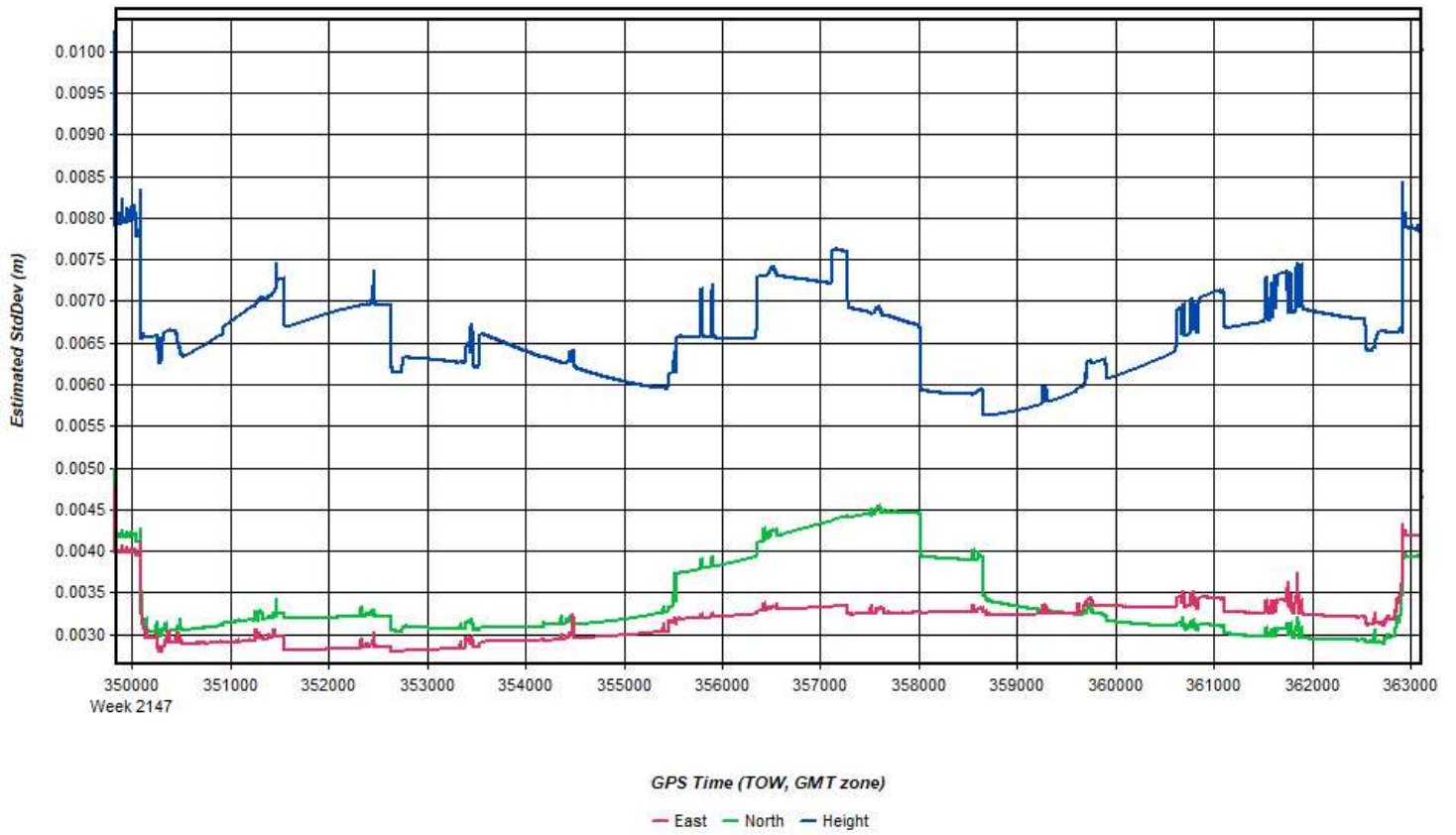
Process	20210304_010906_1	by Unknown	on 3/9/2021	at 15:05:06
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Figure 4: 20210304_010906_1 [Smoothed TC Combined] - Forward/Reverse Separation Plot (Fixed)



Process	20210304_010906_1	by Unknown	on 3/9/2021	at 15:05:06
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Figure 5: 20210304_010906_1 [Smoothed TC Combined] - Estimated Position Accuracy Plot



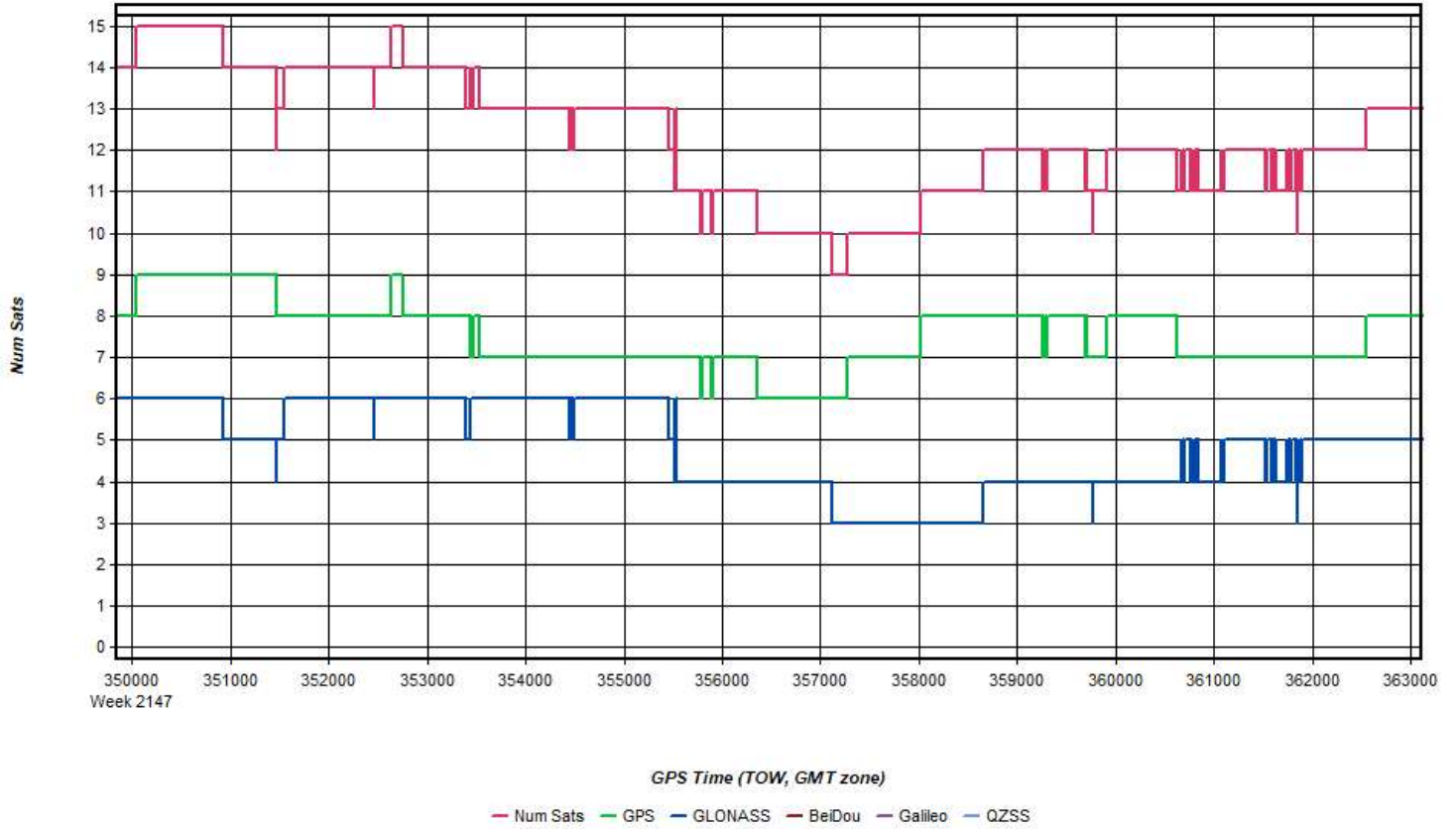
Process	20210304_010906_1	by Unknown	on 3/9/2021	at 15:05:06
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Figure 6: 20210304_010906_1 [Smoothed TC Combined] - PDOP Plot



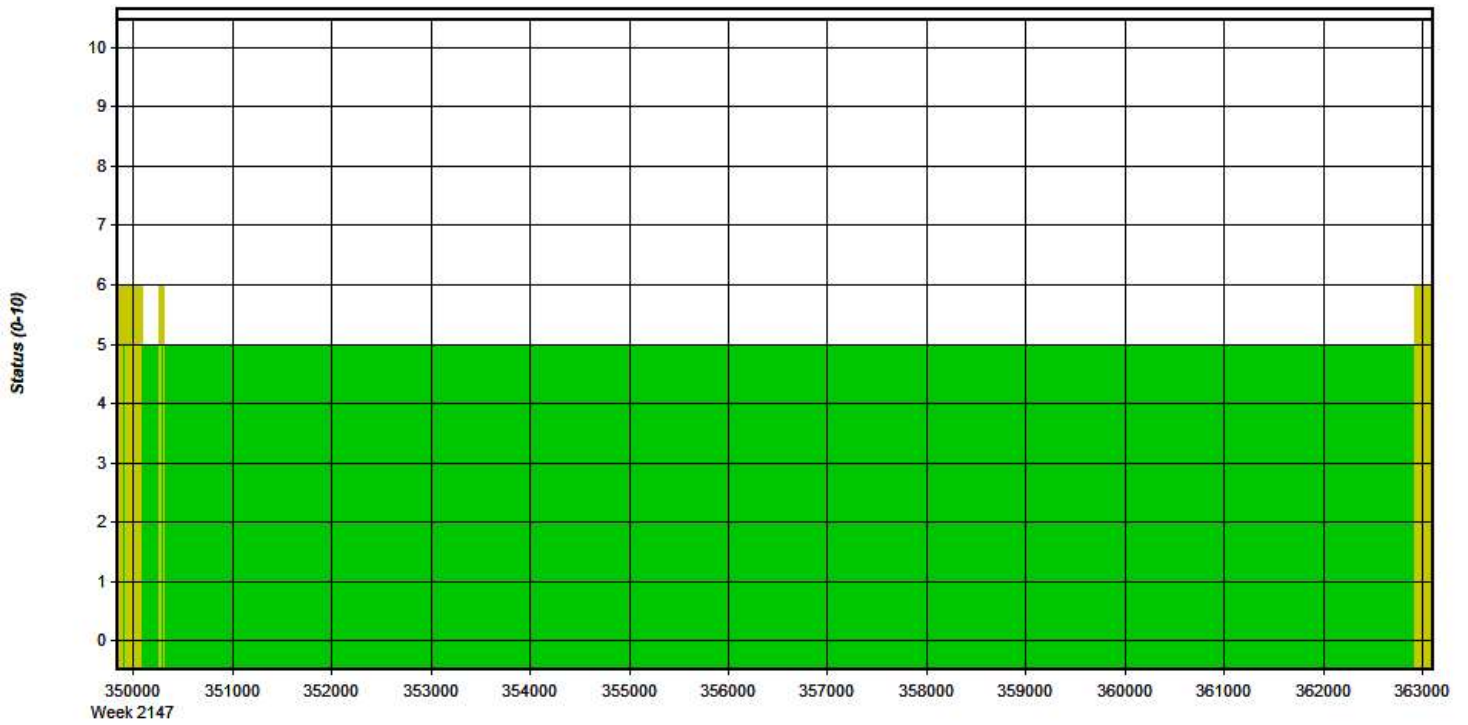
Process	20210304_010906_1	by Unknown	on 3/9/2021	at 15:05:06
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Figure 7: 20210304_010906_1 [Smoothed TC Combined] - Number of Satellites Line Plot



Process	20210304_010906_1	by Unknown	on 3/9/2021	at 15:05:06
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Figure 8: 20210304_010906_1 [Smoothed TC Combined] - Status flag for IMU processing

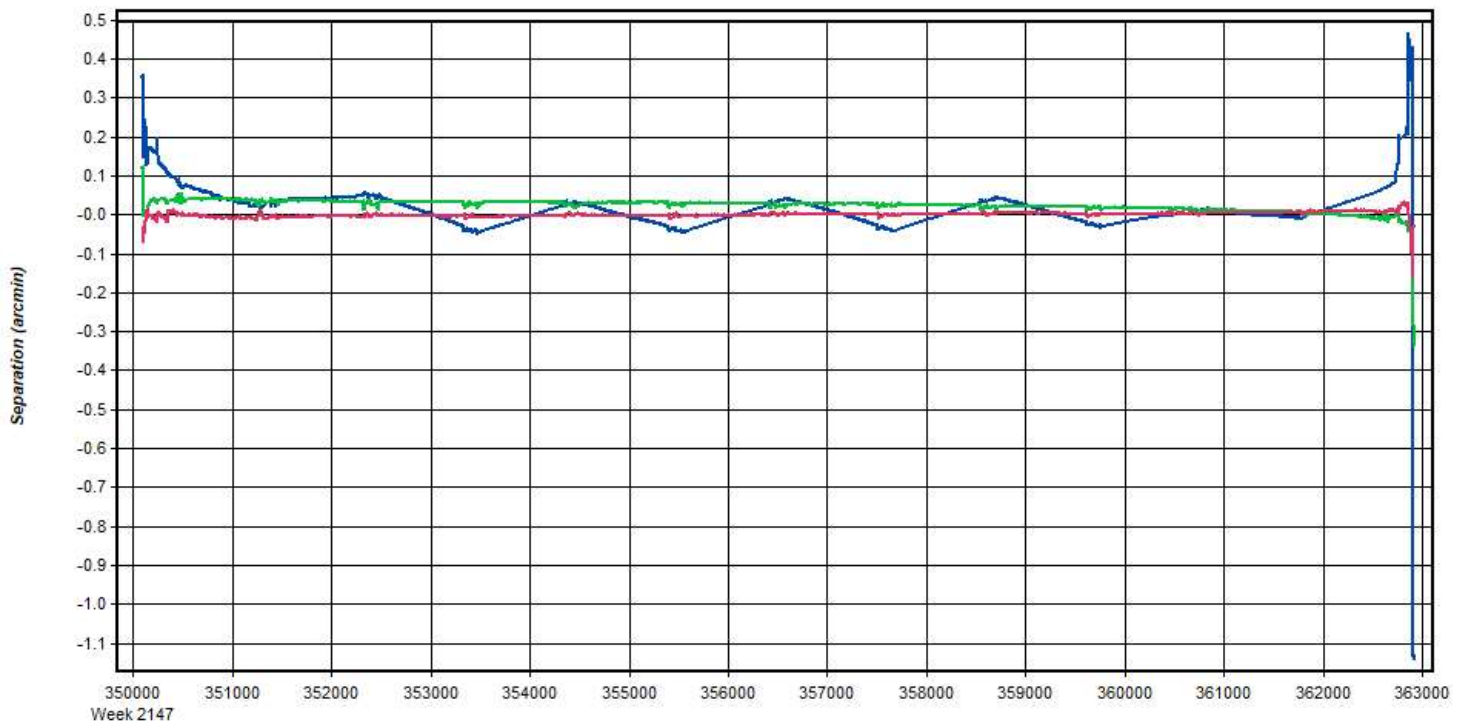


GPS Time (TOW, GMT zone)

— None — Align — Free — DMIUPT — PHSUPT — GPSUPT — ZUPT — CUPT — GVUPT — PSR — CONSTRAINT

Process	20210304_010906_1	by Unknown	on 3/9/2021	at 15:05:06
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Figure 9: 20210304_010906_1 [Smoothed TC Combined] - Fwd/Rev Attitude Separation Plot

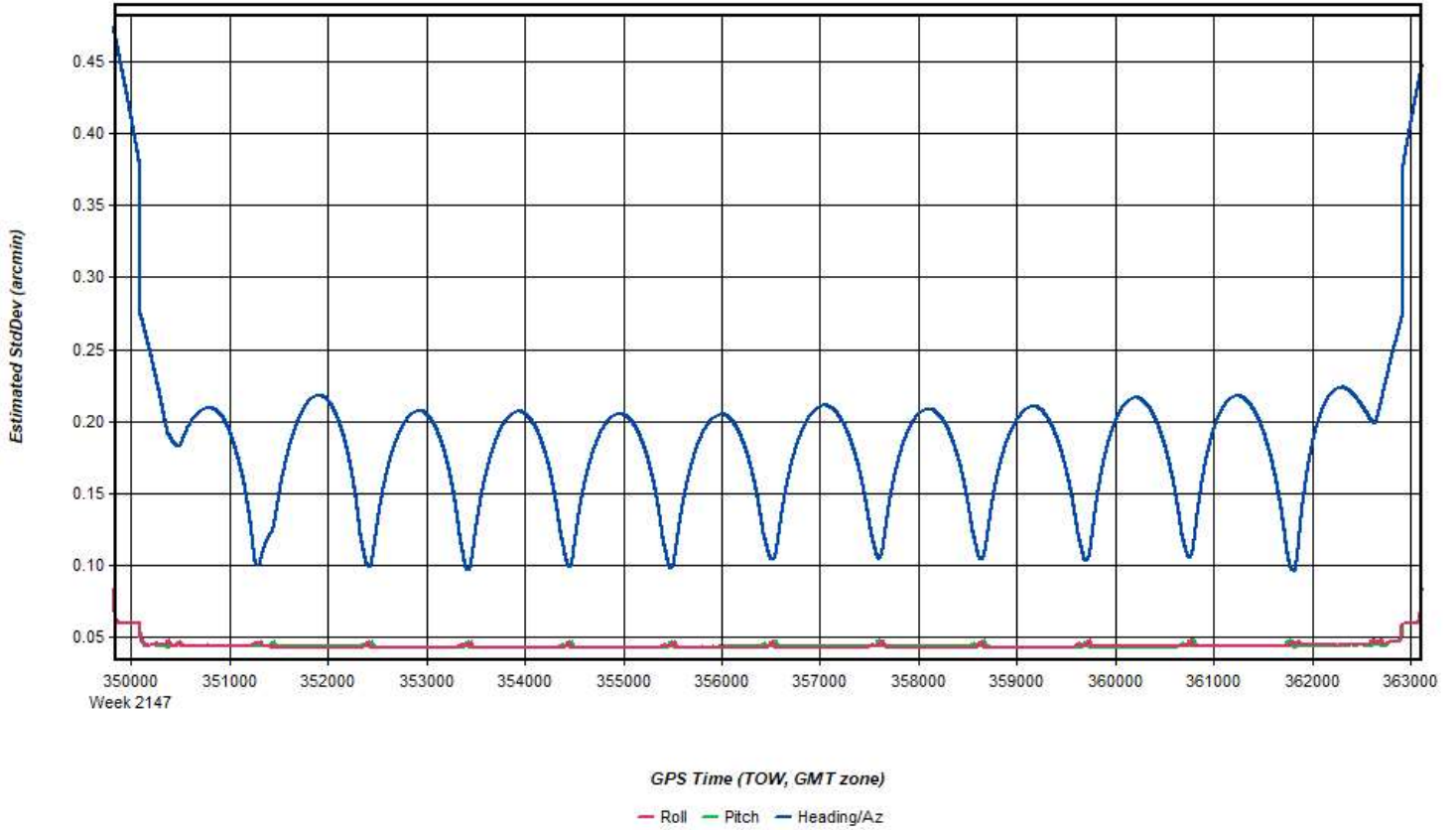


GPS Time (TOW, GMT zone)

— Roll — Pitch — Heading/Az

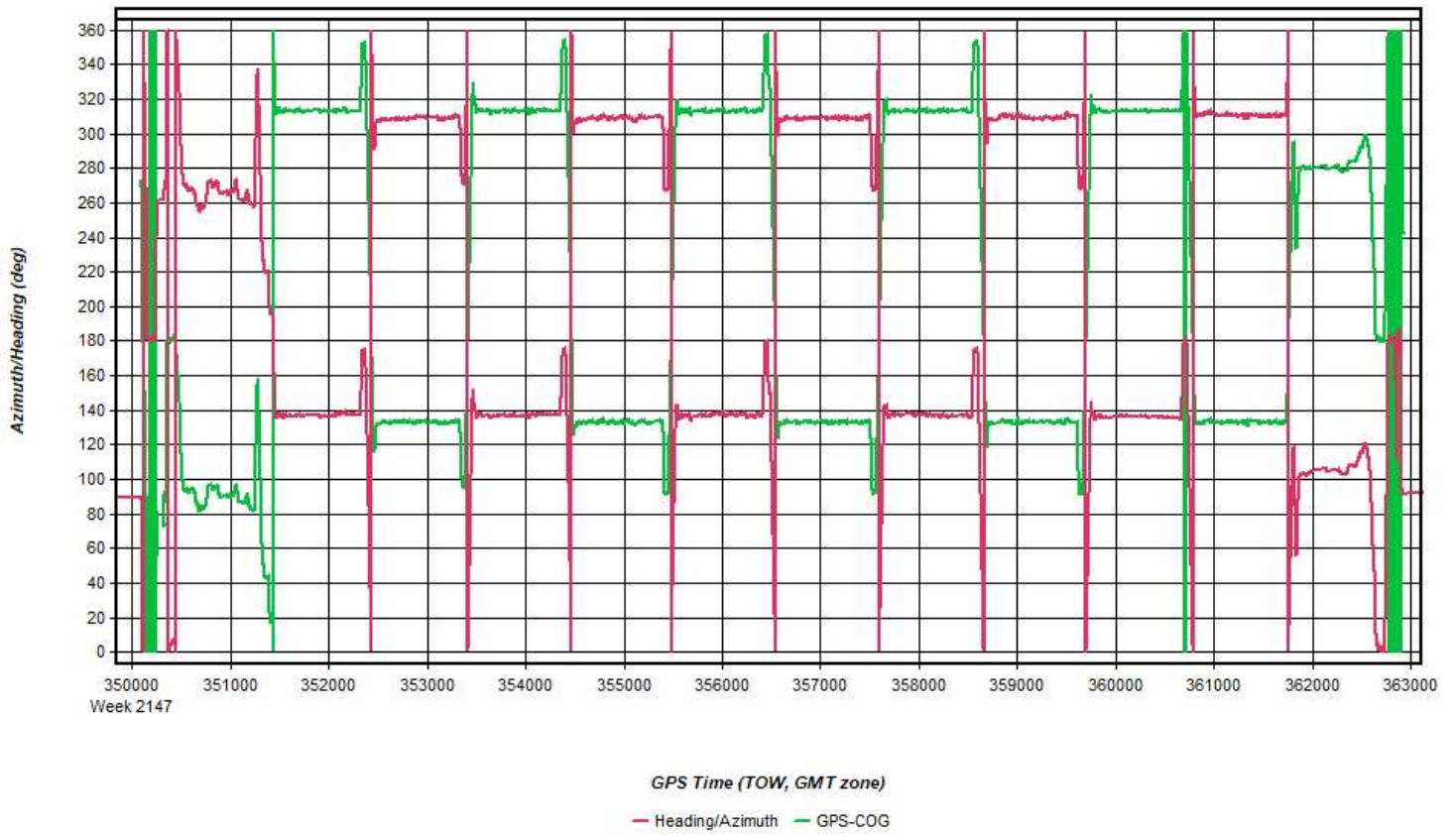
Process	20210304_010906_1	by Unknown	on 3/9/2021	at 15:05:06
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Figure 10: 20210304_010906_1 [Smoothed TC Combined] - Estimated Attitude Accuracy Plot



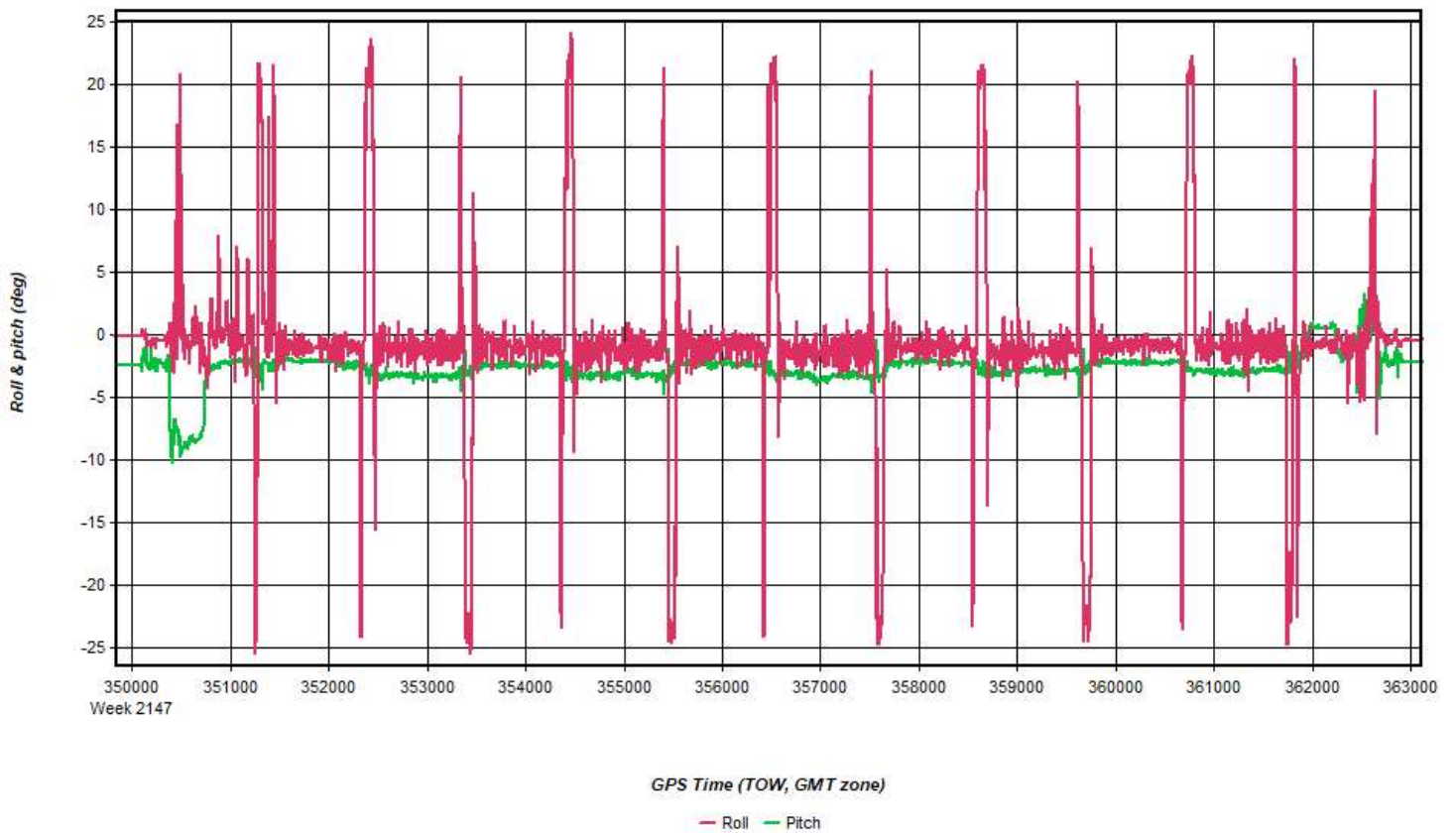
Process	20210304_010906_1	by Unknown	on 3/9/2021	at 15:05:06
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Figure 11: 20210304_010906_1 [Smoothed TC Combined] - Azimuth Plot



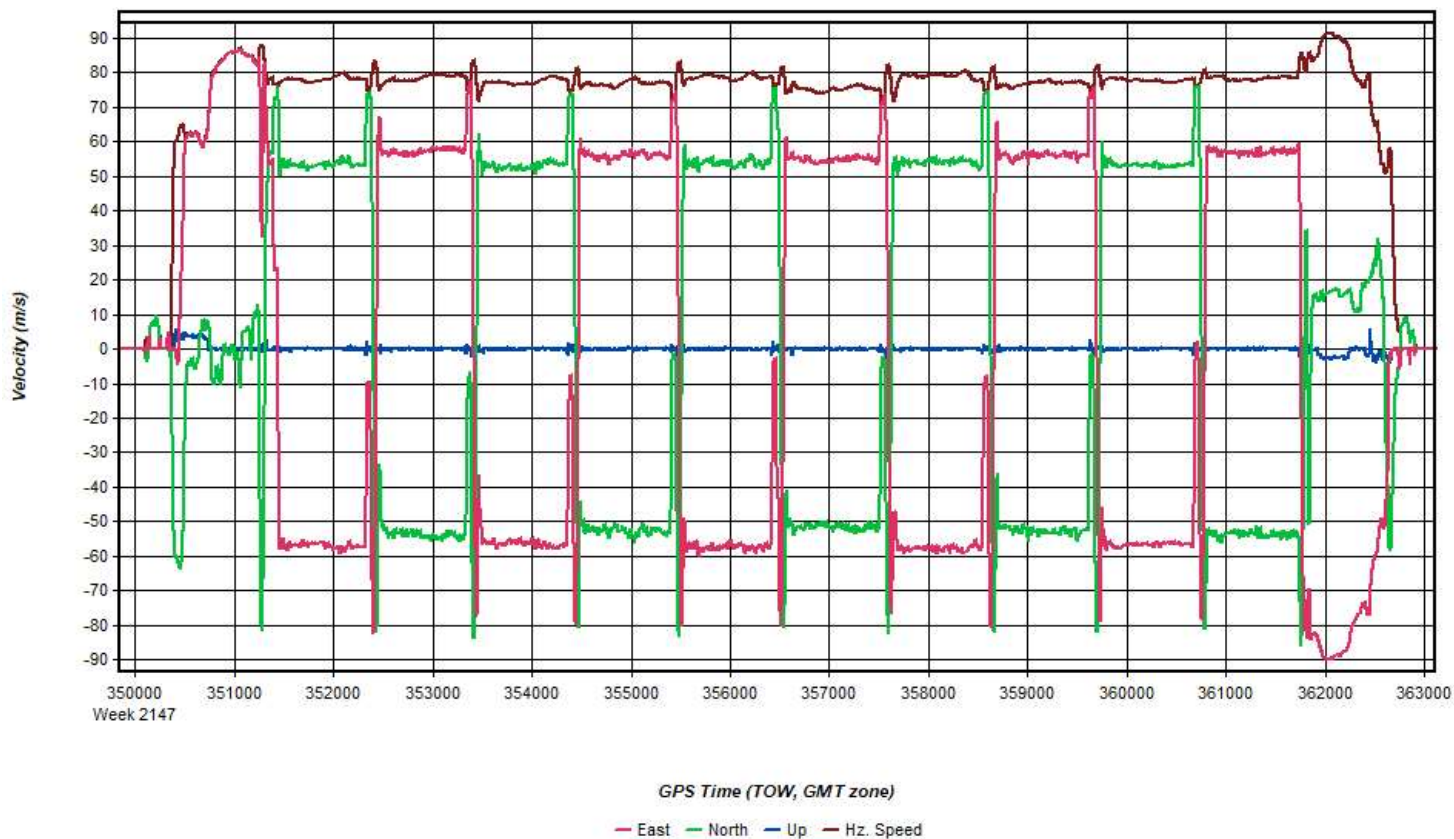
Process	20210304_010906_1	by Unknown	on 3/9/2021	at 15:05:06
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Figure 12: 20210304_010906_1 [Smoothed TC Combined] - Roll & Pitch Plot



Process	20210304_010906_1	by Unknown	on 3/9/2021	at 15:05:06
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Figure 13: 20210304_010906_1 [Smoothed TC Combined] - Velocity Profile Plot



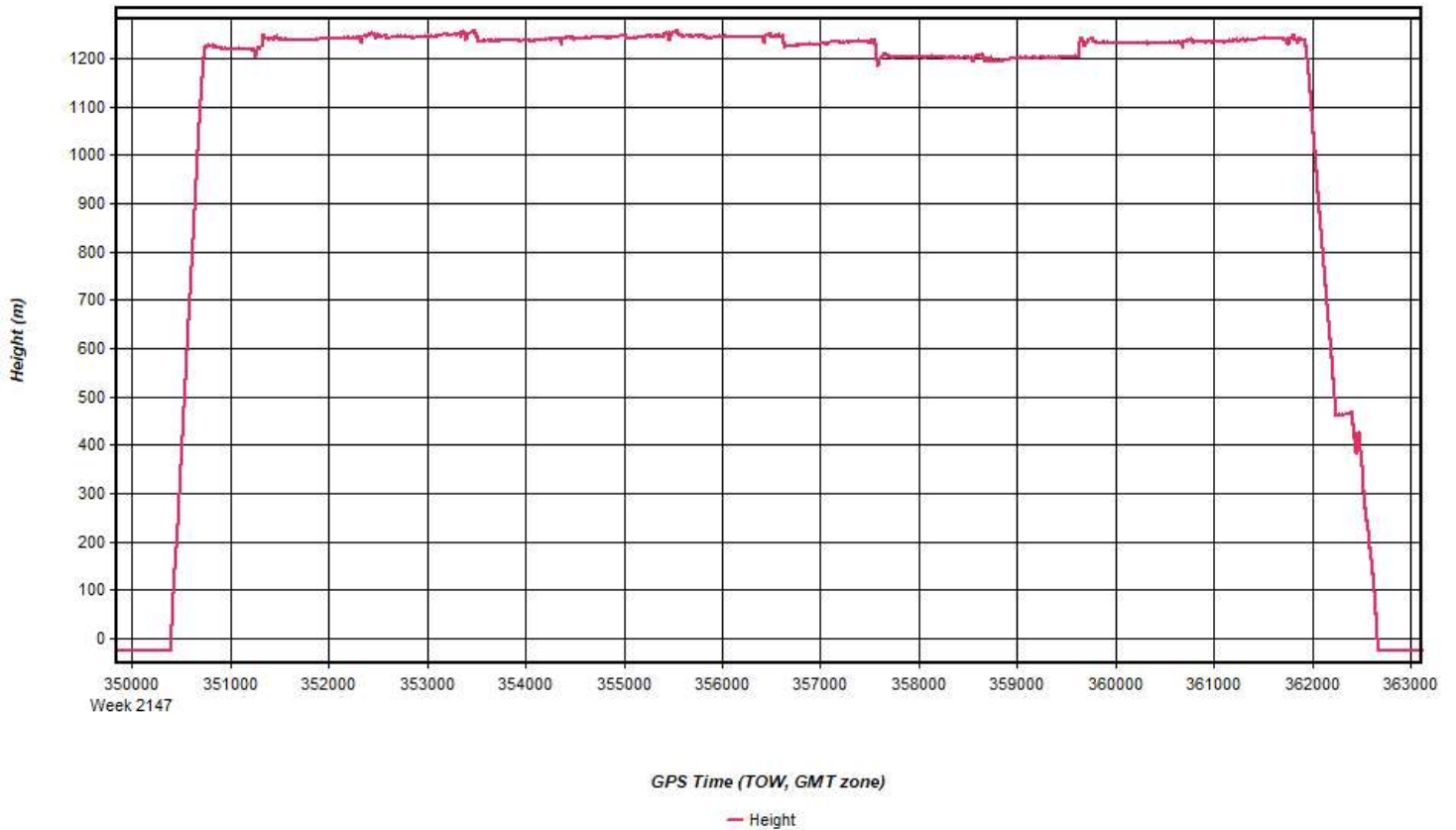
Process	20210304_010906_1	by Unknown	on 3/9/2021	at 15:05:06
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Figure 14: 20210304_010906_1 [Smoothed TC Combined] - Body Frame Velocity Plot



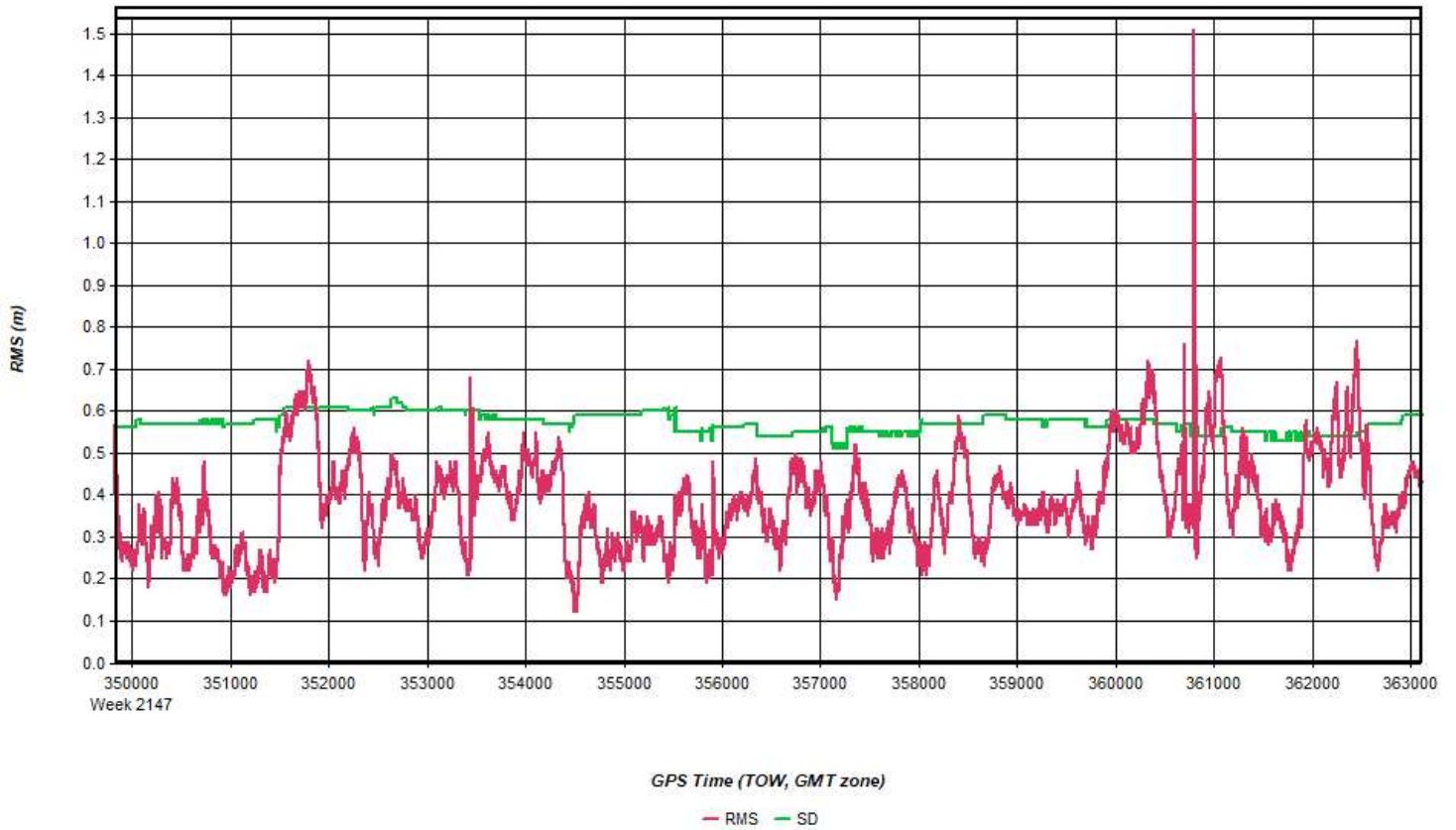
Process	20210304_010906_1	by Unknown	on 3/9/2021	at 15:05:06
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Figure 15: 20210304_010906_1 [Smoothed TC Combined] - Height Profile Plot



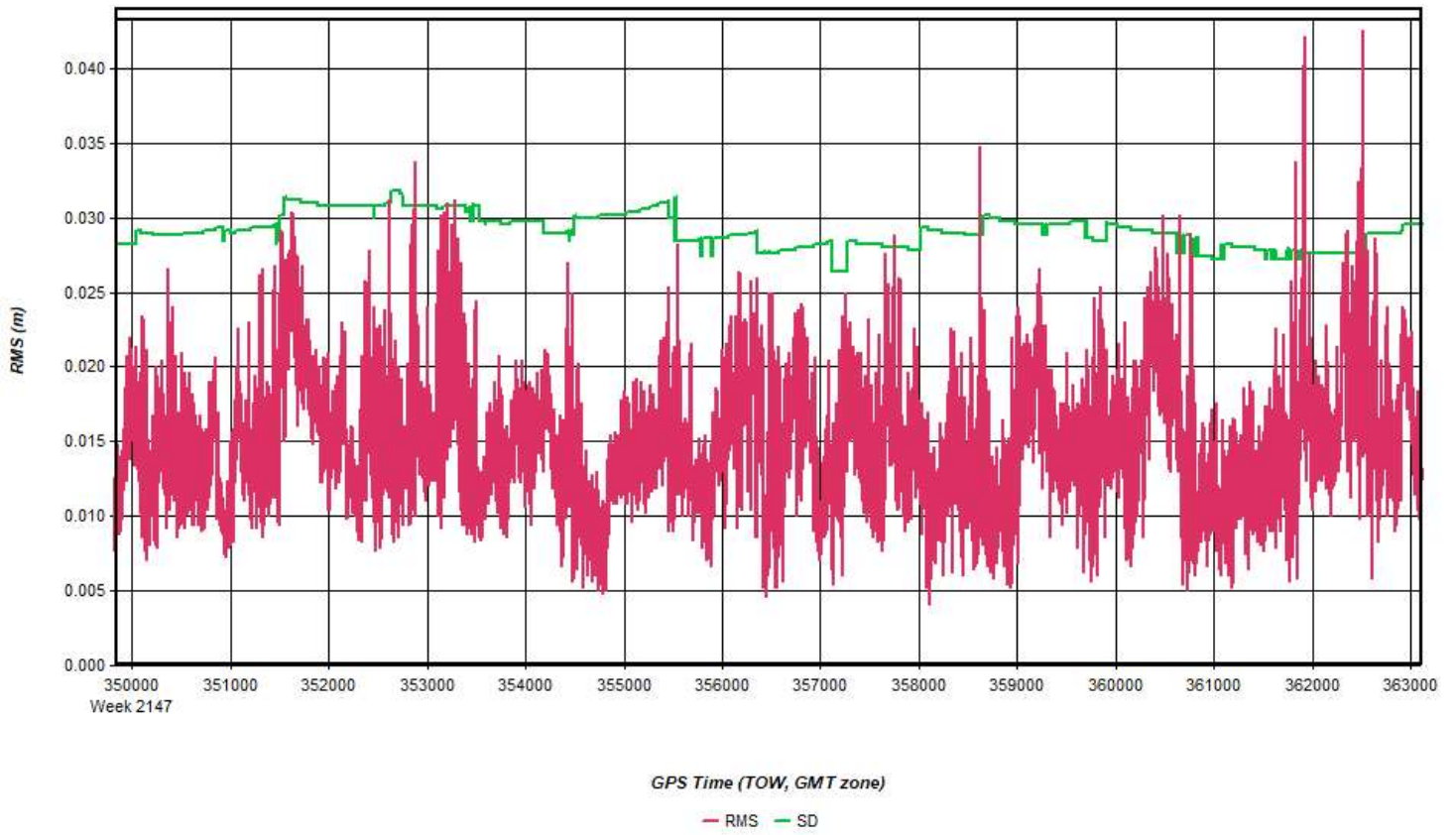
Process	20210304_010906_1	by Unknown	on 3/9/2021	at 15:05:06
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Figure 16: 20210304_010906_1 [Smoothed TC Combined] - C/A Code Residual RMS Plot



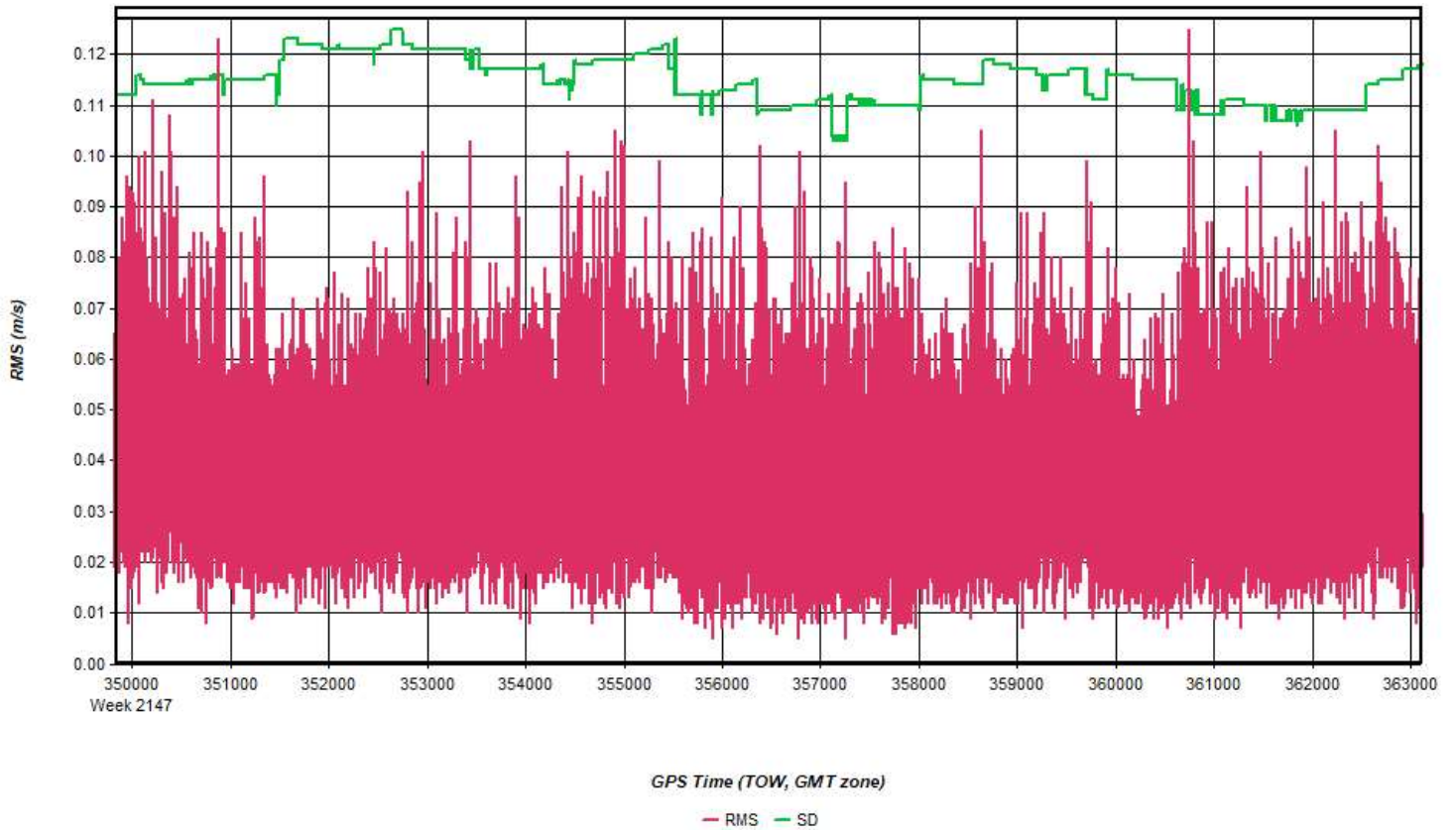
Process	20210304_010906_1	by Unknown	on 3/9/2021	at 15:05:06
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Figure 17: 20210304_010906_1 [Smoothed TC Combined] - Carrier Residual RMS Plot



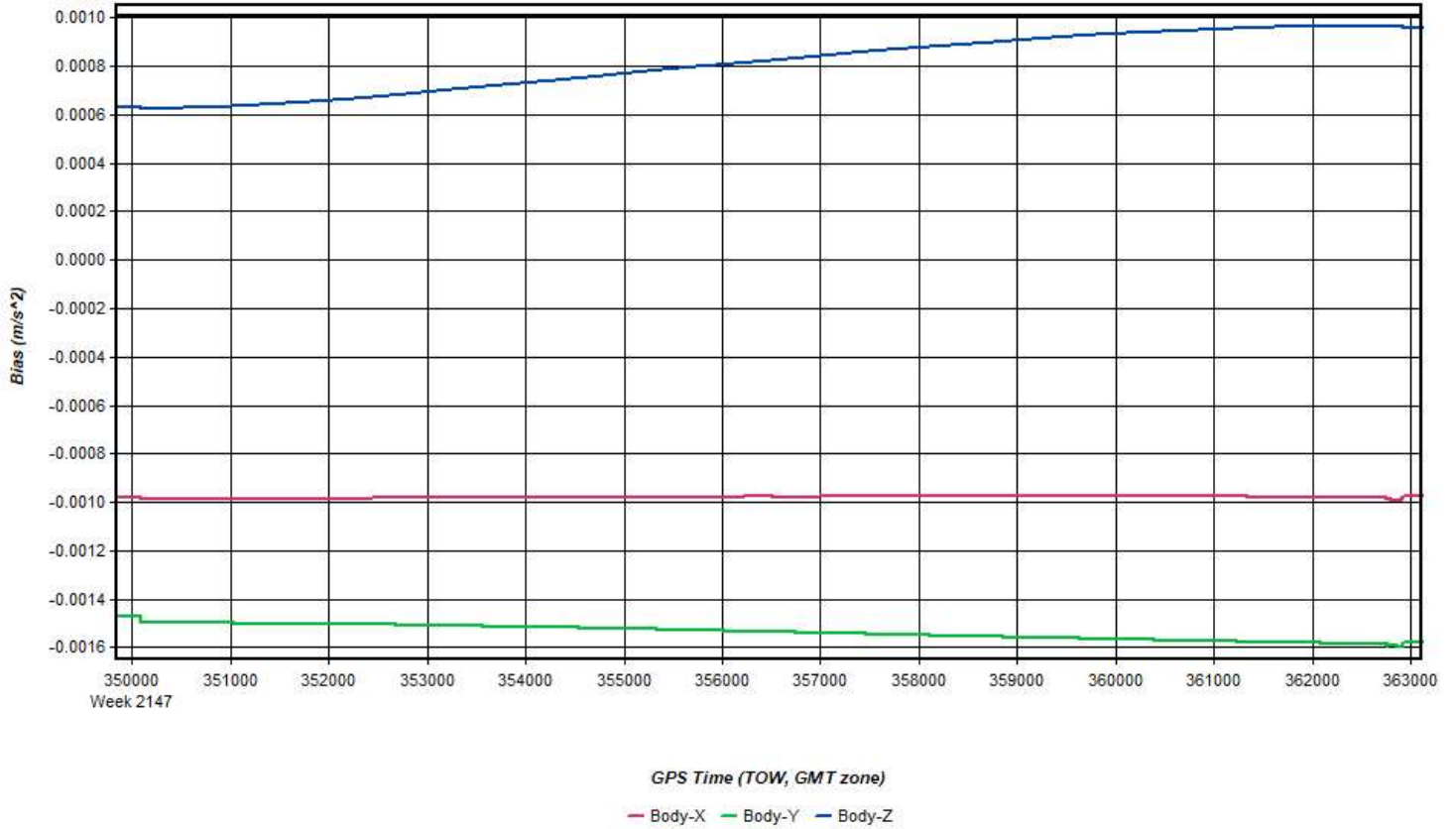
Process	20210304_010906_1	by Unknown	on 3/9/2021	at 15:05:06
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Figure 18: 20210304_010906_1 [Smoothed TC Combined] - Doppler Residual RMS Plot



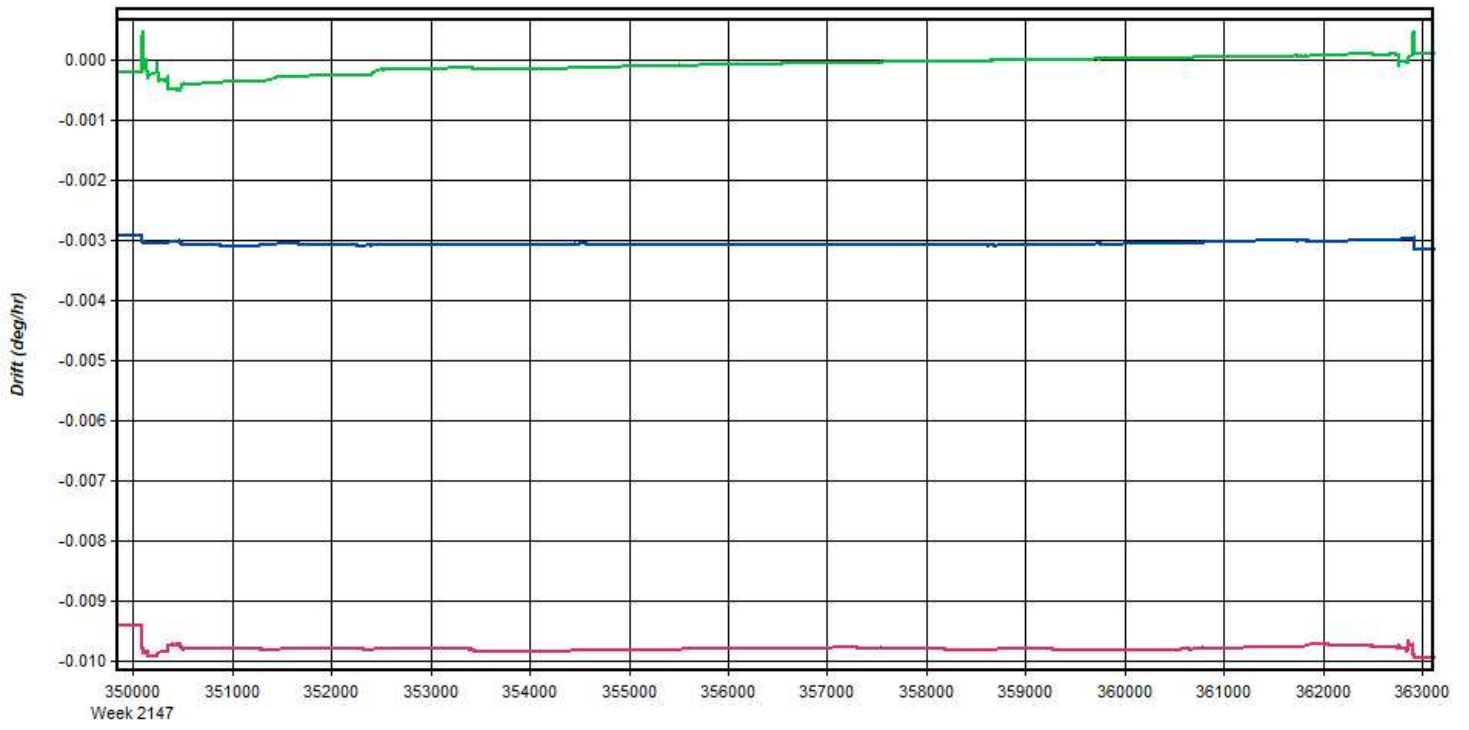
Process	20210304_010906_1	by Unknown	on 3/9/2021	at 15:05:06
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Figure 19: 20210304_010906_1 [Smoothed TC Combined] - Accelerometer Bias Plot



Process	20210304_010906_1	by Unknown	on 3/9/2021	at 15:05:06
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Figure 20: 20210304_010906_1 [Smoothed TC Combined] - Gyro Drift Plot



GPS Time (TOW, GMT zone)

Body-X Body-Y Body-Z

Process	20210304_010906_1	by Unknown	on 3/9/2021	at 15:05:06
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Output Results for 20210305_020725_2

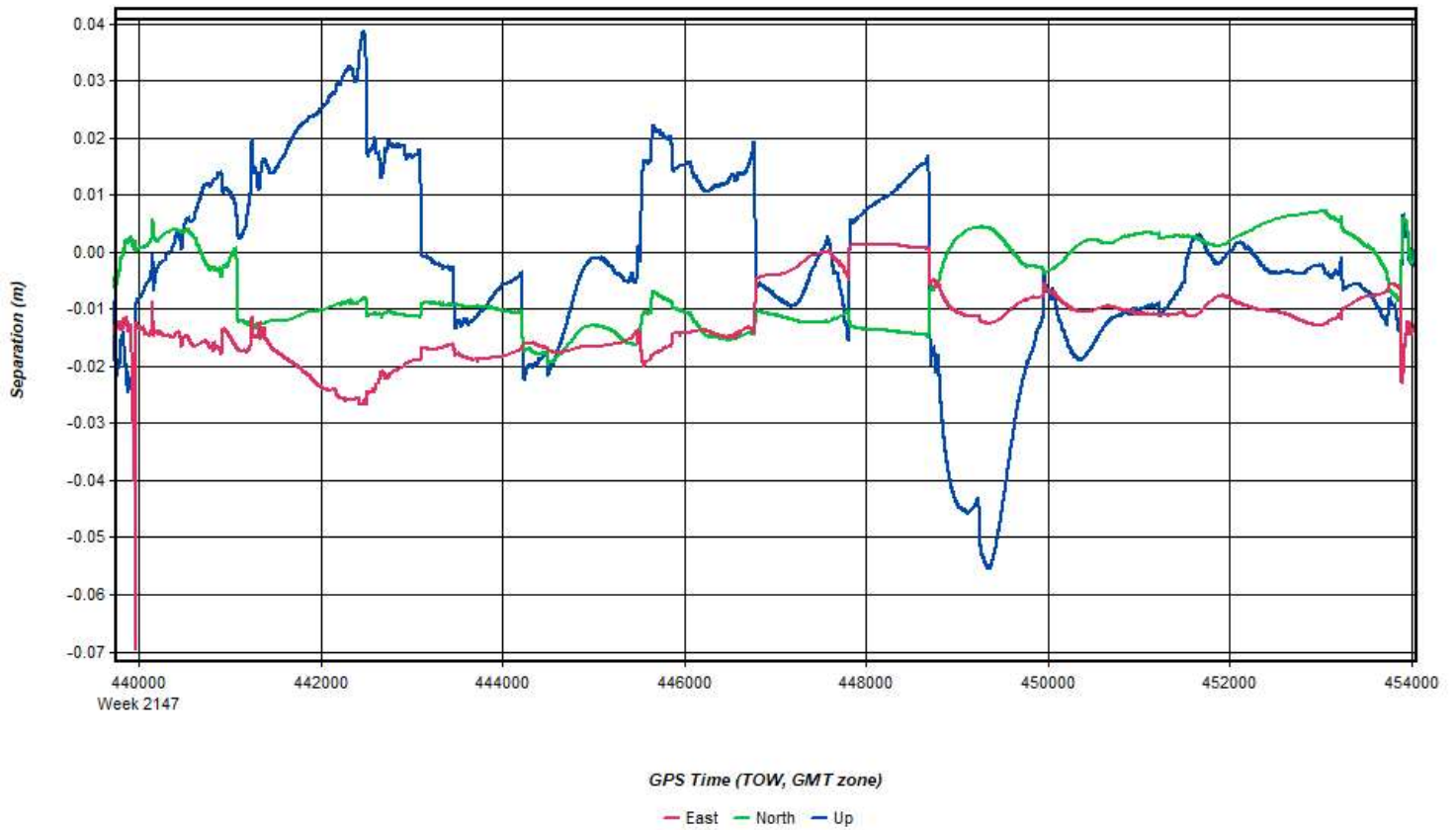
Inertial Explorer Version 8.90.2124
03/10/2021

Figure 1: Smoothed TC Combined - Map



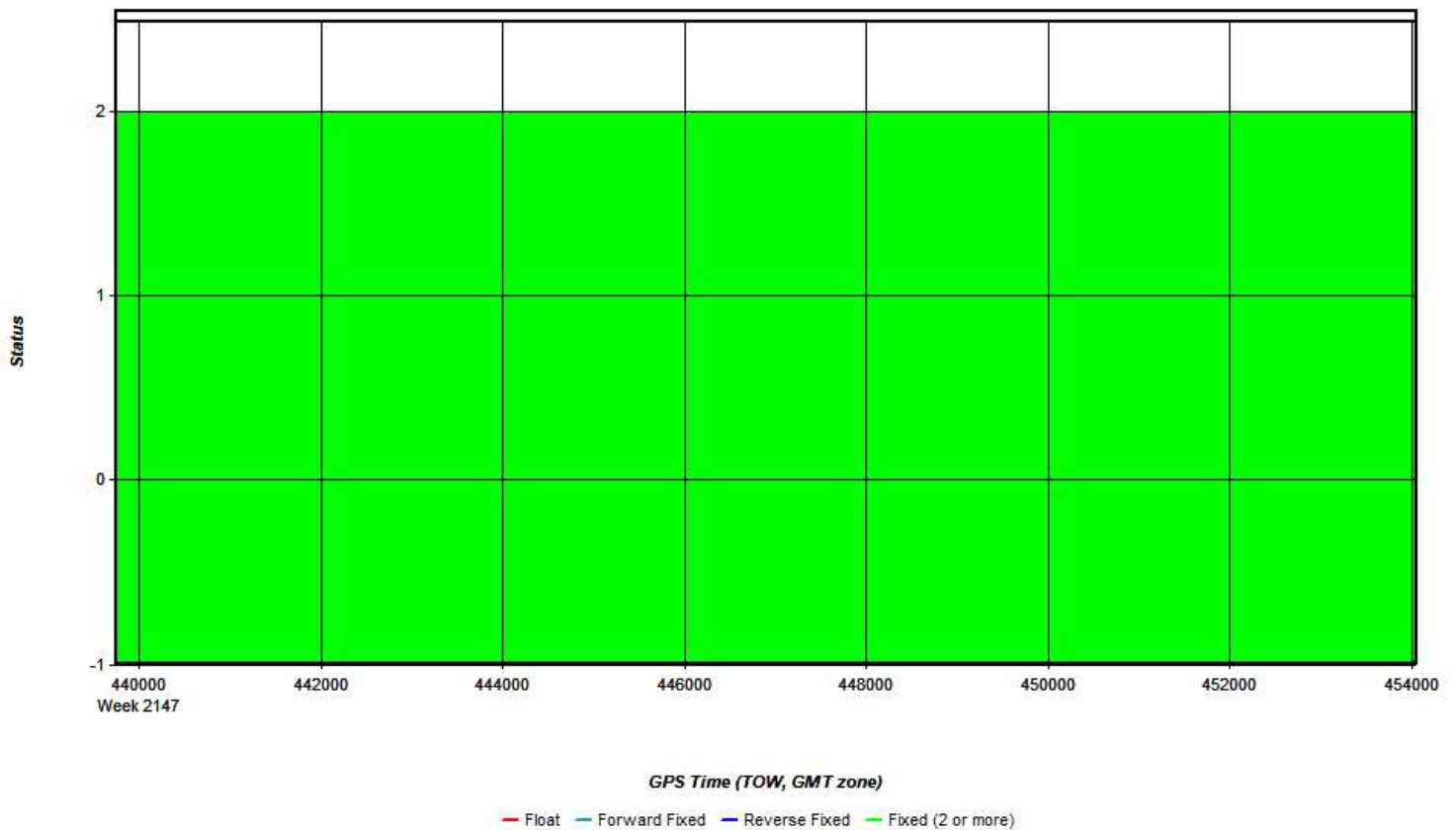
Process	20210305_020725_2	by Unknown	on 3/10/2021	at 11:30:32
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Figure 2: 20210305_020725_2 [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot



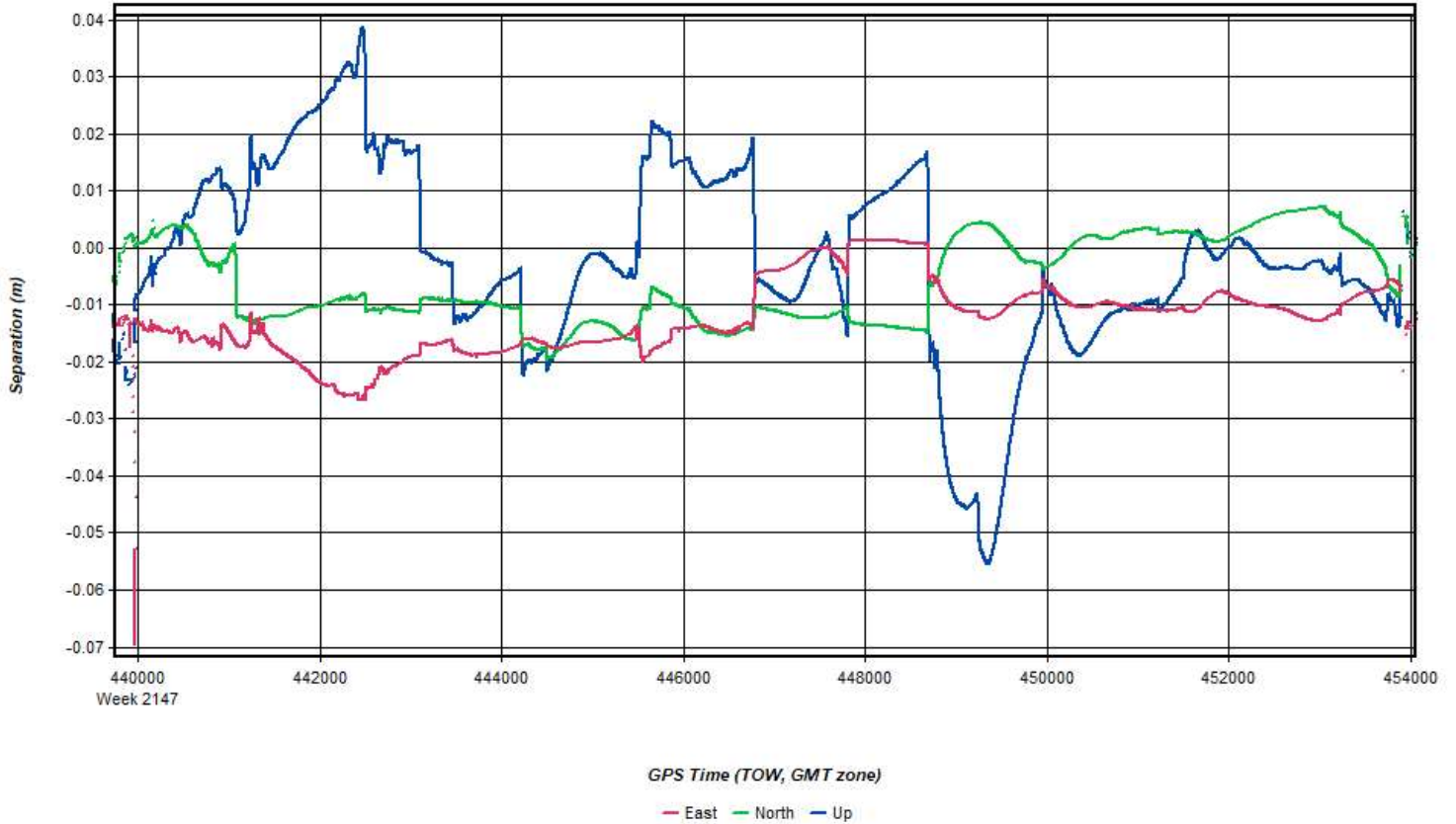
Process	20210305_020725_2	by Unknown	on 3/10/2021	at 11:30:32
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Figure 3: 20210305_020725_2 [Smoothed TC Combined] - Float or Fixed Ambiguity



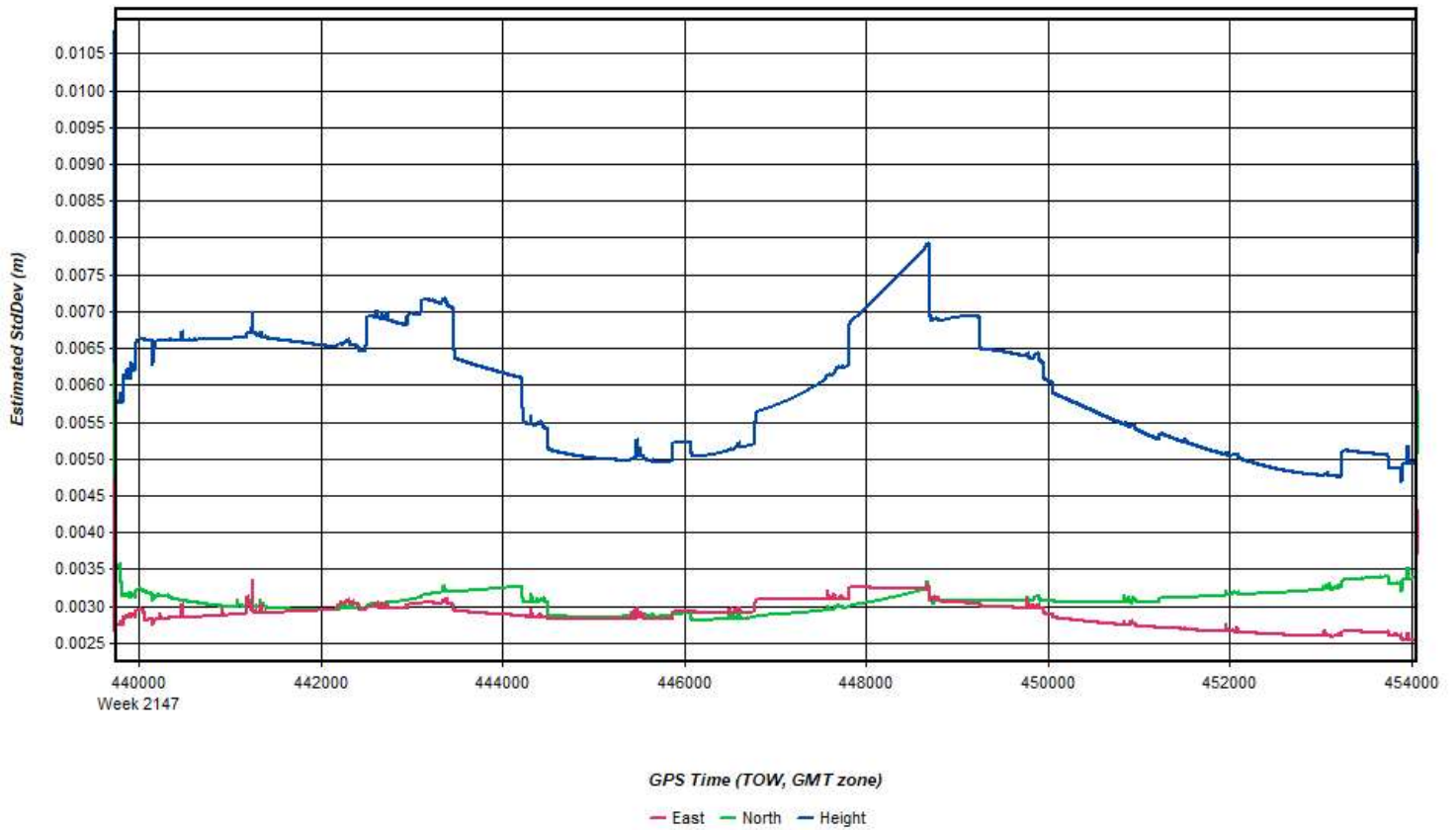
Process	20210305_020725_2	by Unknown	on 3/10/2021	at 11:30:32
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Figure 4: 20210305_020725_2 [Smoothed TC Combined] - Forward/Reverse Separation Plot (Fixed)



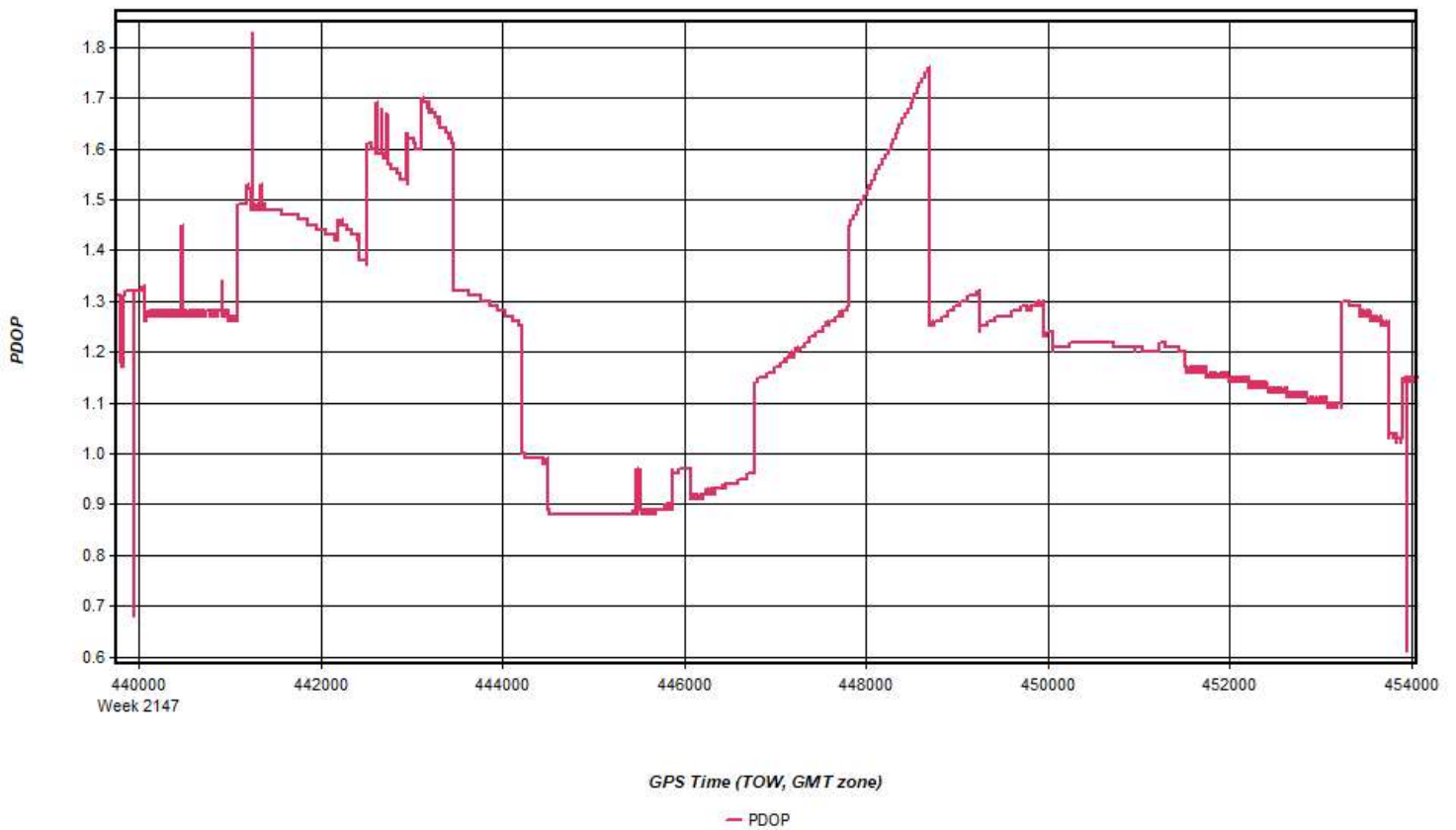
Process	20210305_020725_2	by Unknown	on 3/10/2021	at 11:30:32
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Figure 5: 20210305_020725_2 [Smoothed TC Combined] - Estimated Position Accuracy Plot



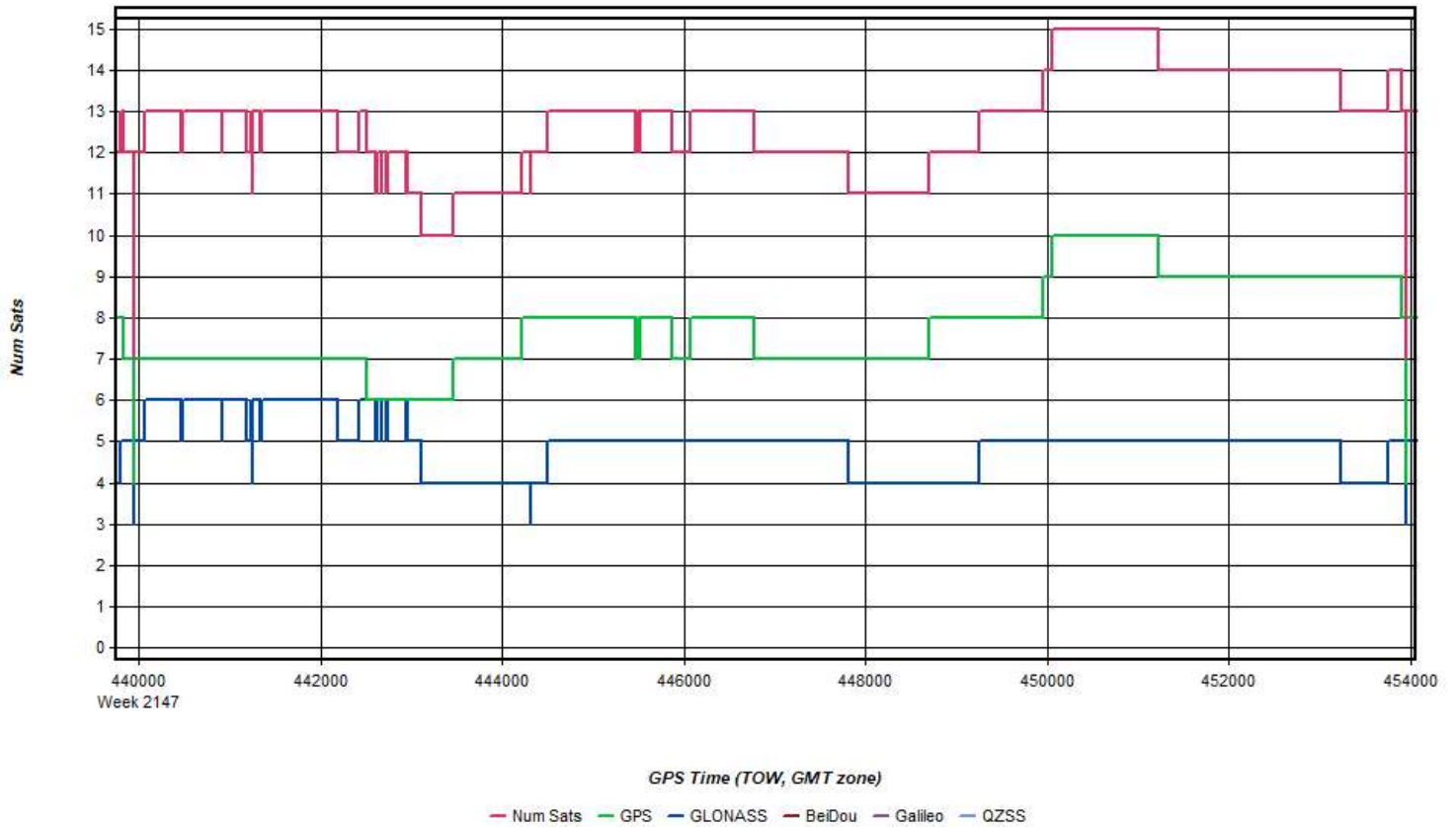
Process	20210305_020725_2	by Unknown	on 3/10/2021	at 11:30:32
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Figure 6: 20210305_020725_2 [Smoothed TC Combined] - PDOP Plot



Process	20210305_020725_2	by Unknown	on 3/10/2021	at 11:30:32
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Figure 7: 20210305_020725_2 [Smoothed TC Combined] - Number of Satellites Line Plot



Process	20210305_020725_2	by Unknown	on 3/10/2021	at 11:30:32
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Figure 8: 20210305_020725_2 [Smoothed TC Combined] - Status flag for IMU processing

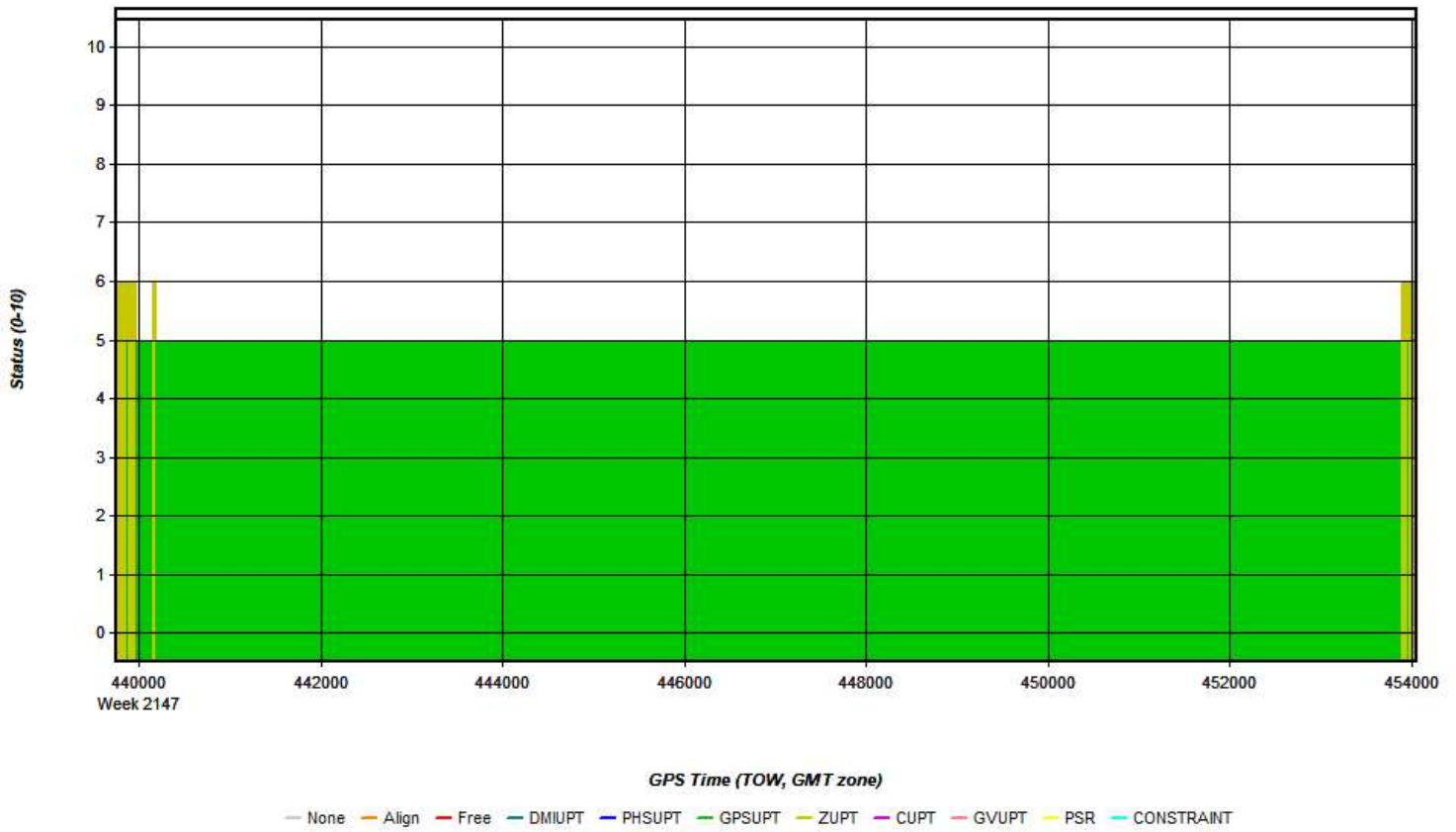


Figure 9: 20210305_020725_2 [Smoothed TC Combined] - Fwd/Rev Attitude Separation Plot

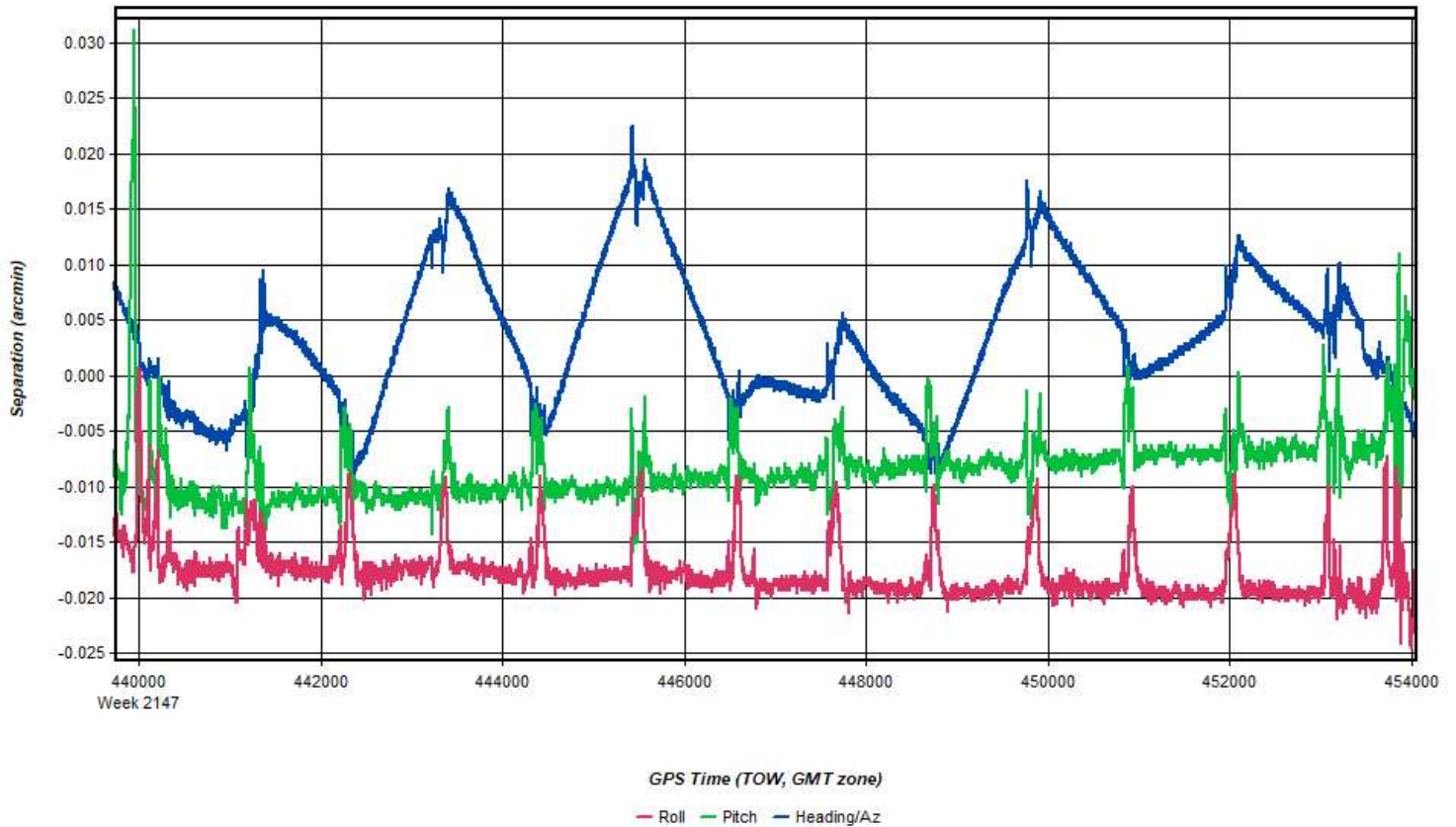
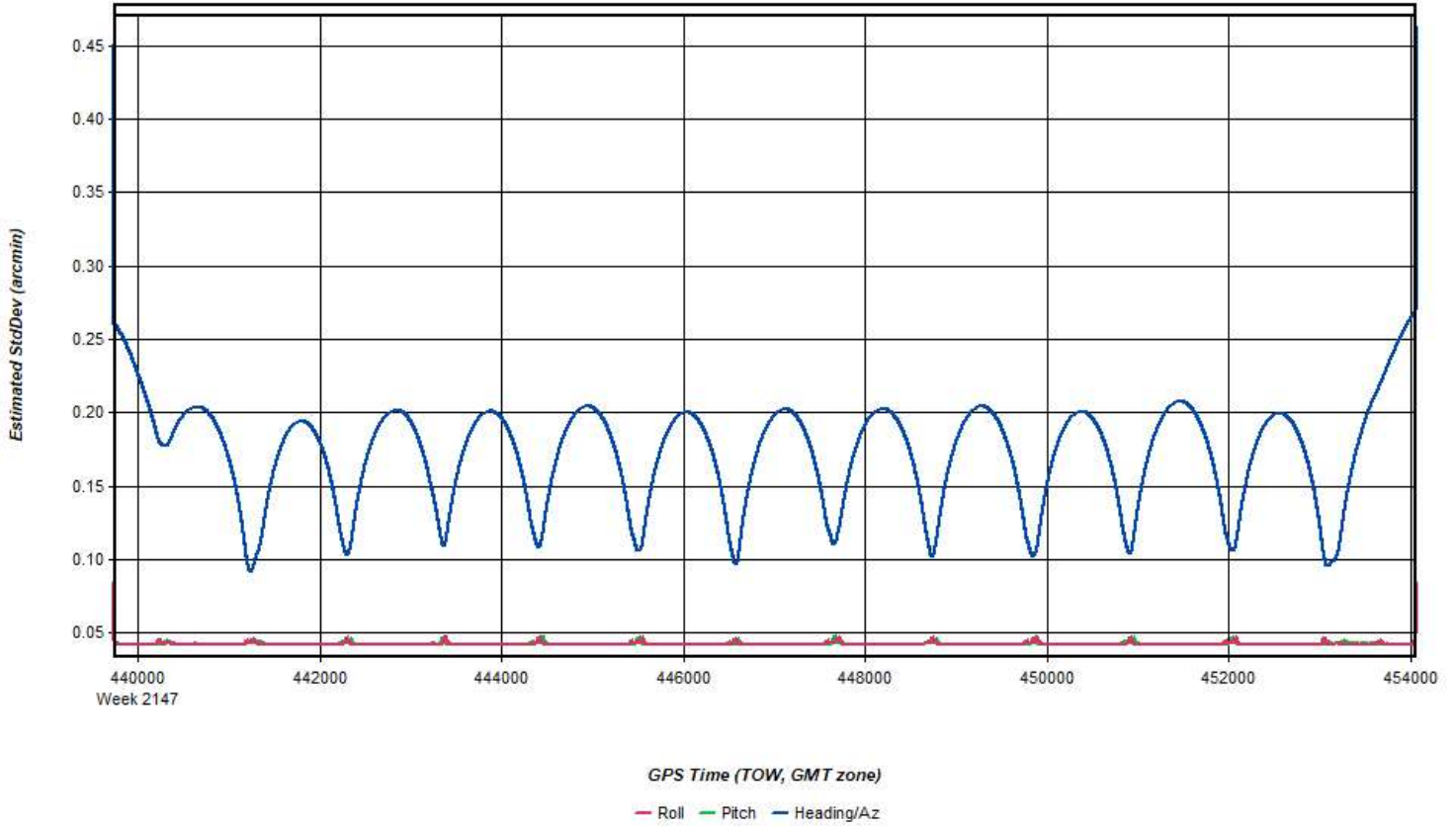
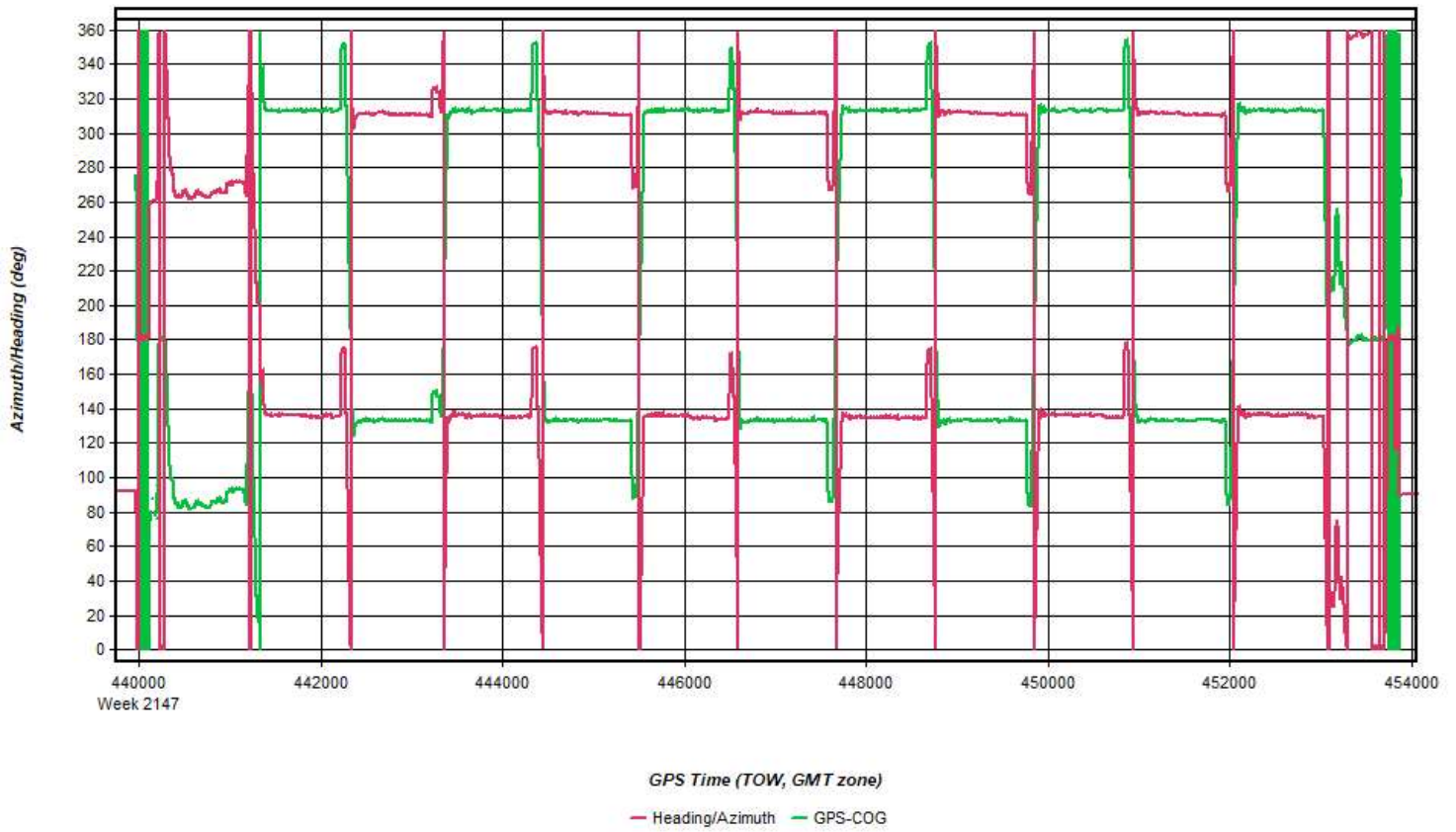


Figure 10: 20210305_020725_2 [Smoothed TC Combined] - Estimated Attitude Accuracy Plot



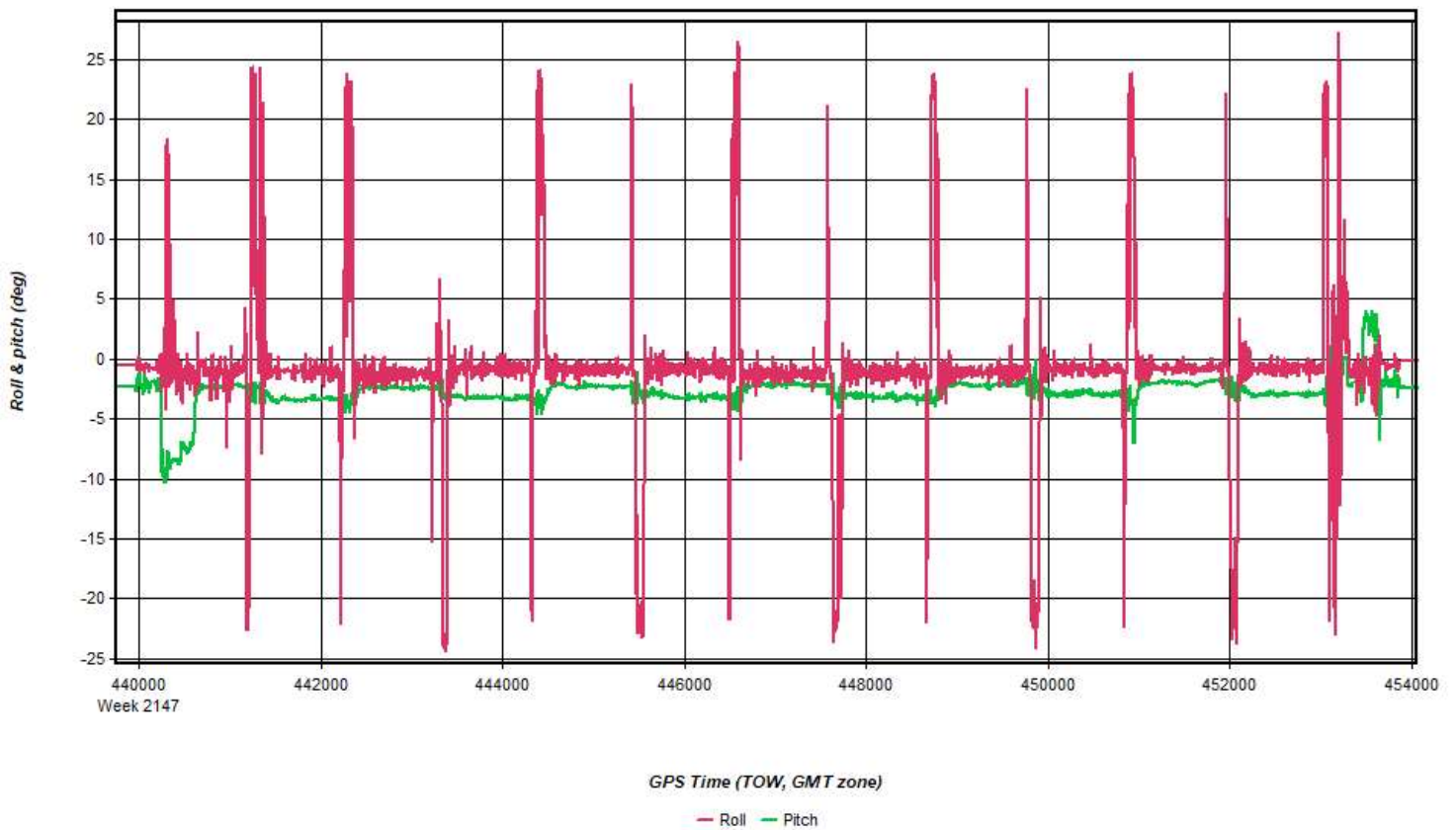
Process	20210305_020725_2	by Unknown	on 3/10/2021	at 11:30:32
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Figure 11: 20210305_020725_2 [Smoothed TC Combined] - Azimuth Plot



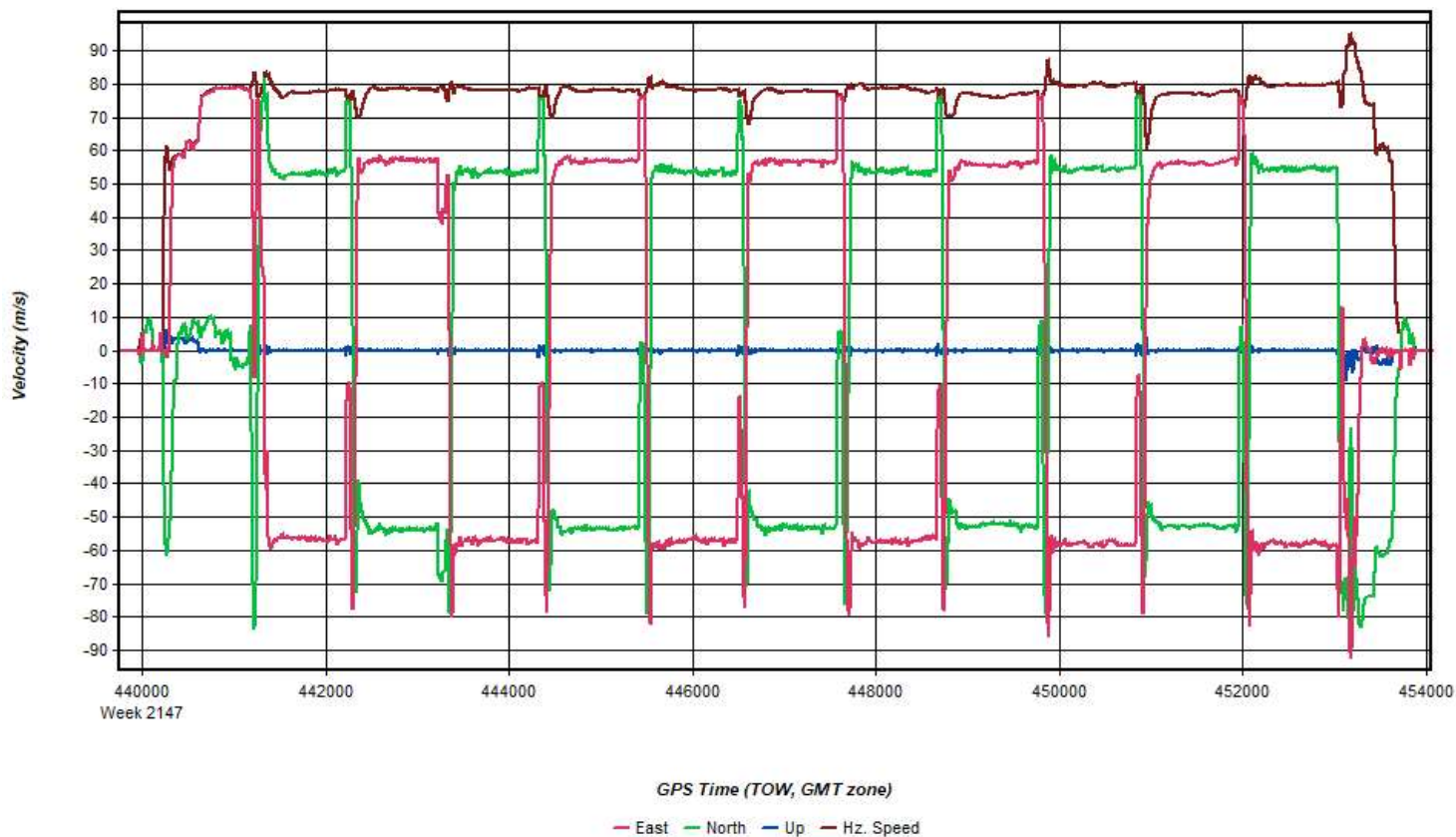
Process	20210305_020725_2	by Unknown	on 3/10/2021	at 11:30:32
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Figure 12: 20210305_020725_2 [Smoothed TC Combined] - Roll & Pitch Plot



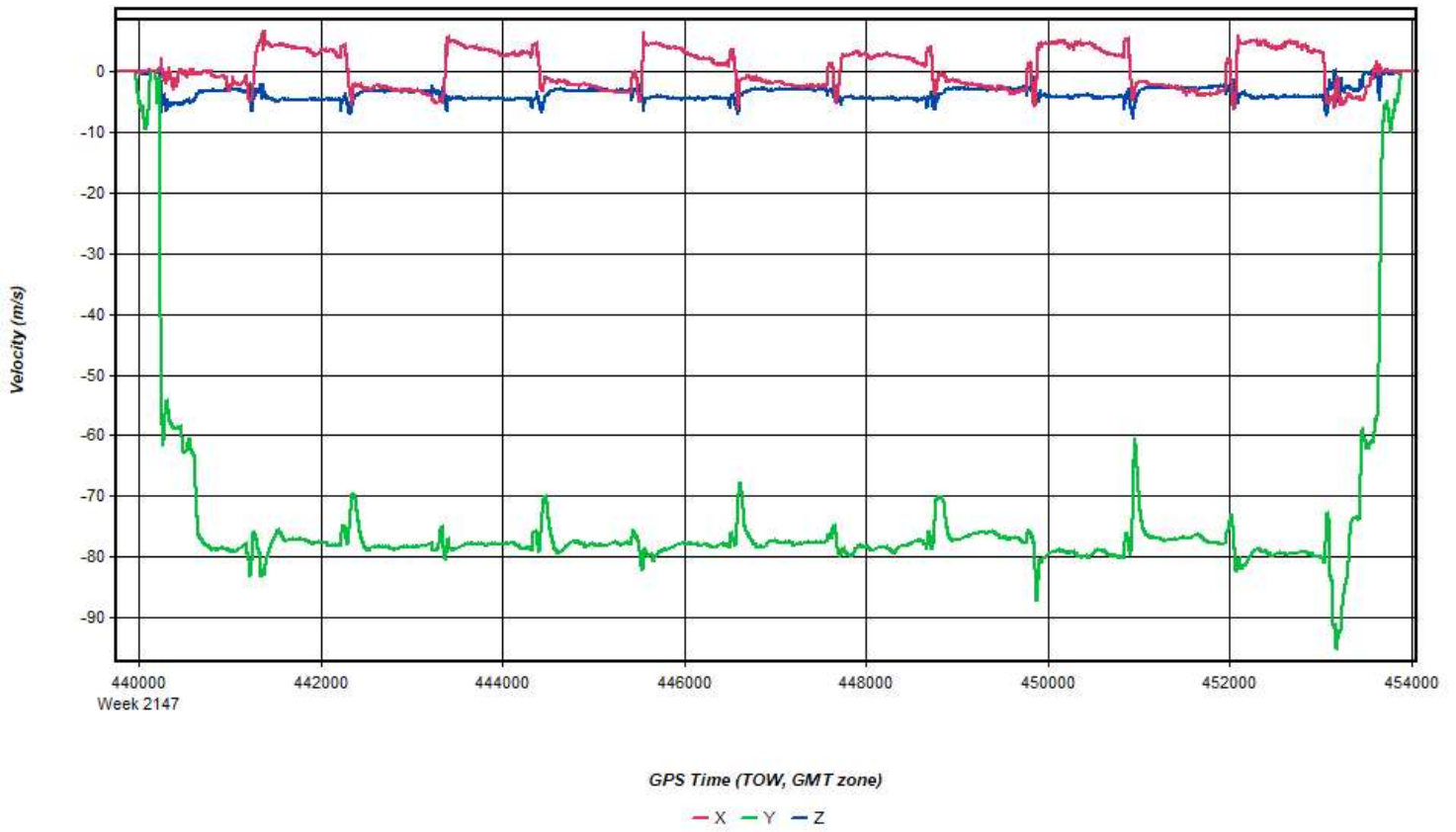
Process	20210305_020725_2	by Unknown	on 3/10/2021	at 11:30:32
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Figure 13: 20210305_020725_2 [Smoothed TC Combined] - Velocity Profile Plot



Process	20210305_020725_2	by Unknown	on 3/10/2021	at 11:30:32
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Figure 14: 20210305_020725_2 [Smoothed TC Combined] - Body Frame Velocity Plot



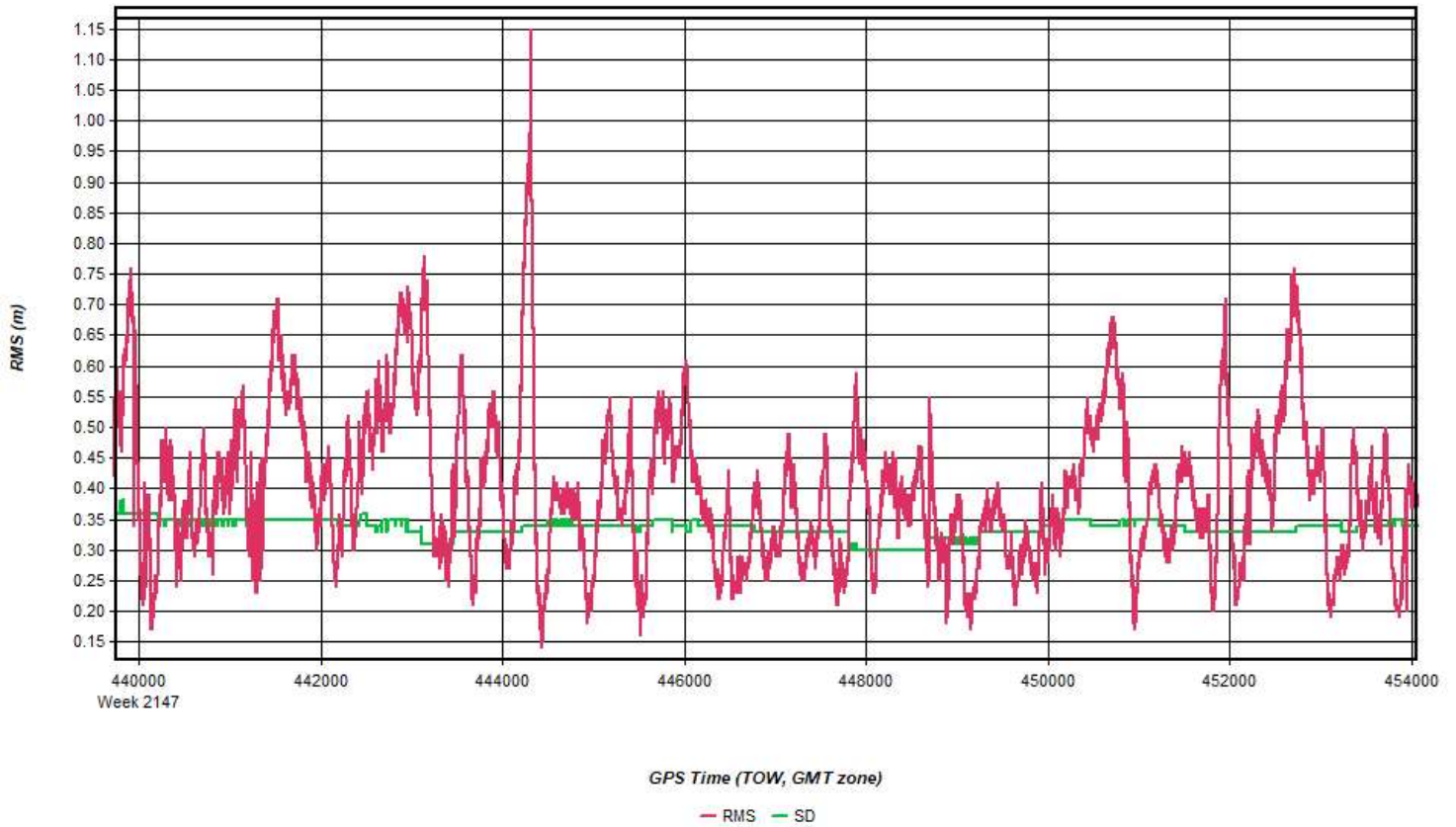
Process	20210305_020725_2	by Unknown	on 3/10/2021	at 11:30:32
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Figure 15: 20210305_020725_2 [Smoothed TC Combined] - Height Profile Plot



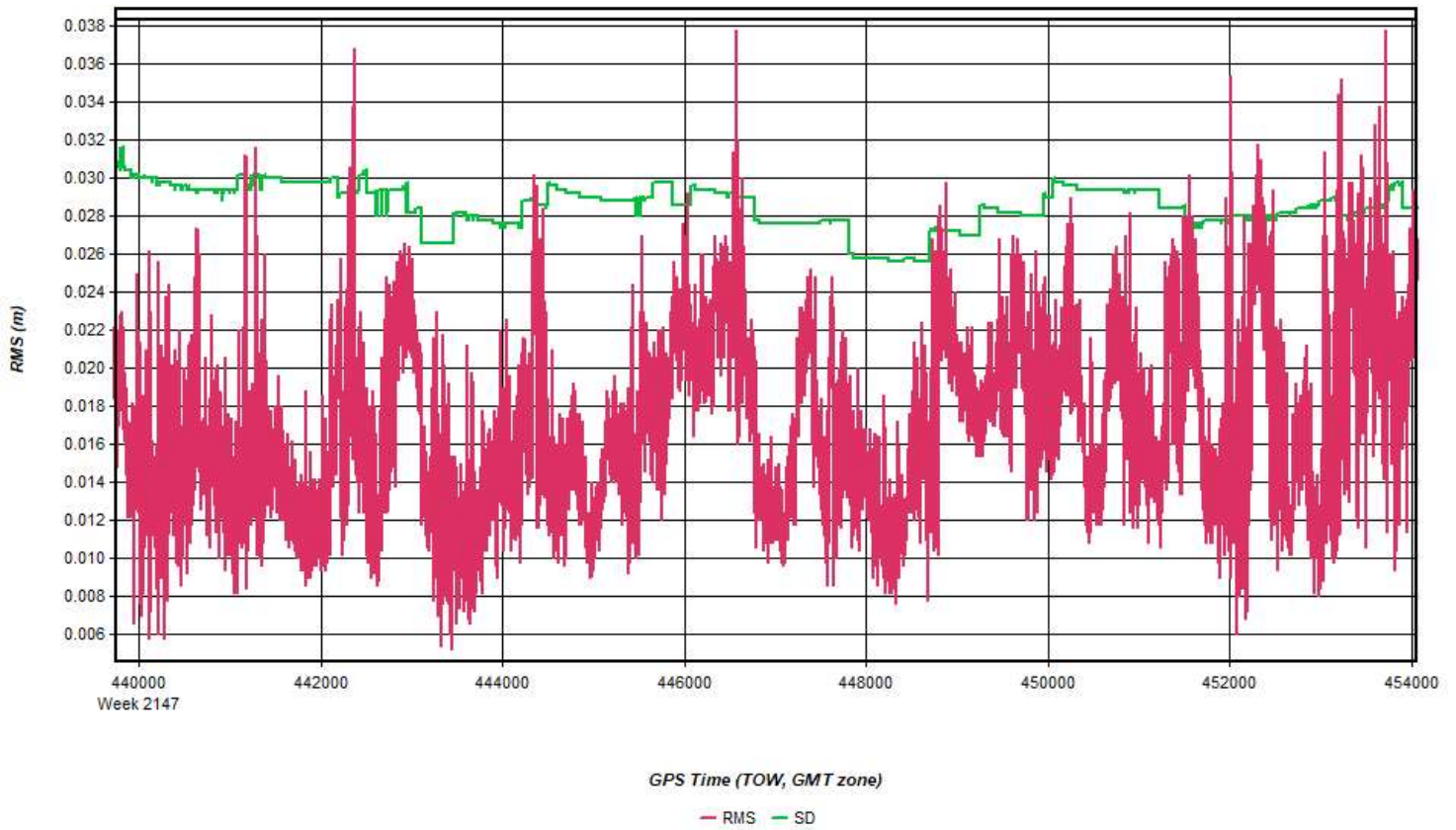
Process	20210305_020725_2	by Unknown	on 3/10/2021	at 11:30:32
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Figure 16: 20210305_020725_2 [Smoothed TC Combined] - C/A Code Residual RMS Plot



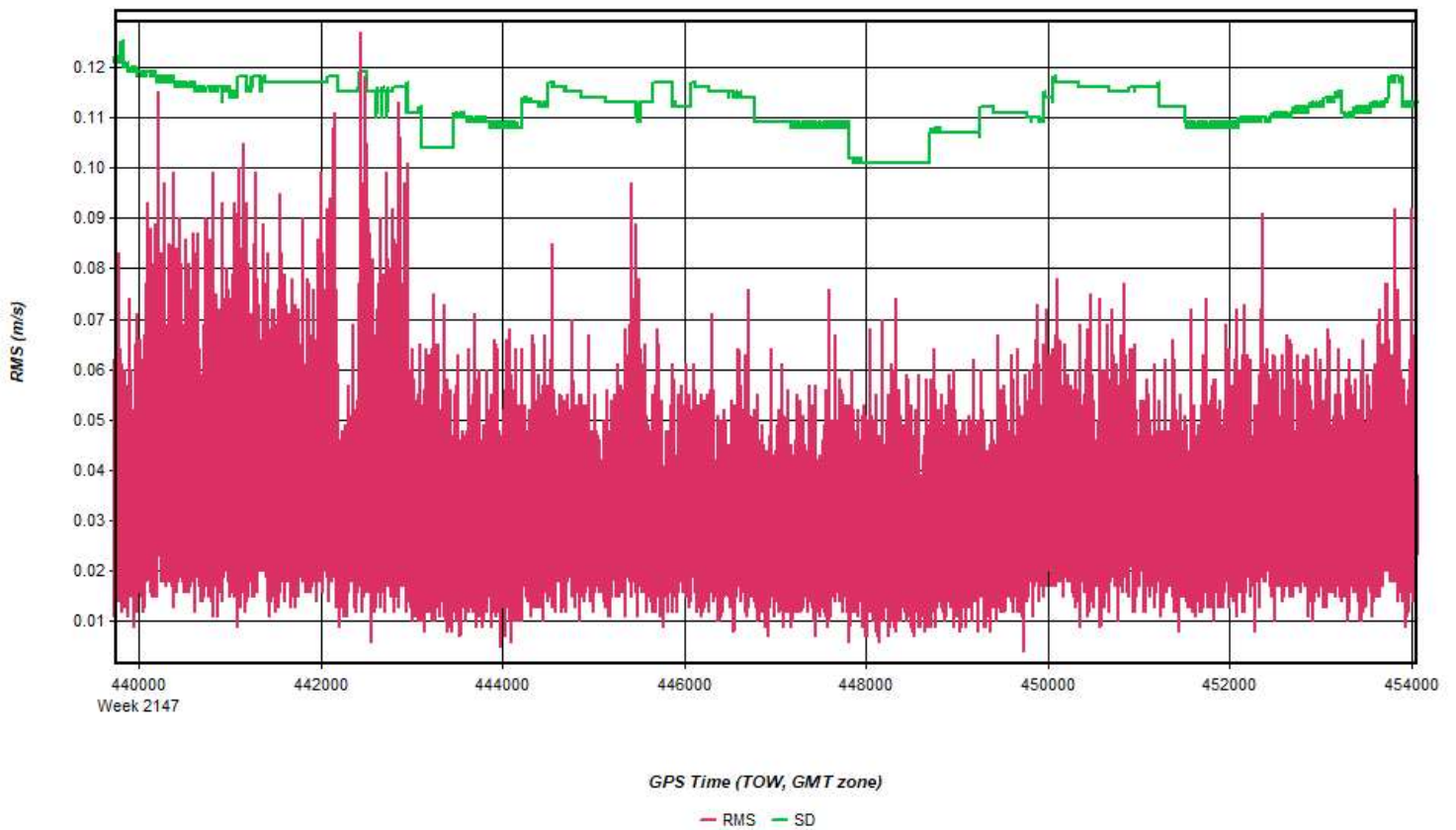
Process	20210305_020725_2	by Unknown	on 3/10/2021	at 11:30:32
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Figure 17: 20210305_020725_2 [Smoothed TC Combined] - Carrier Residual RMS Plot



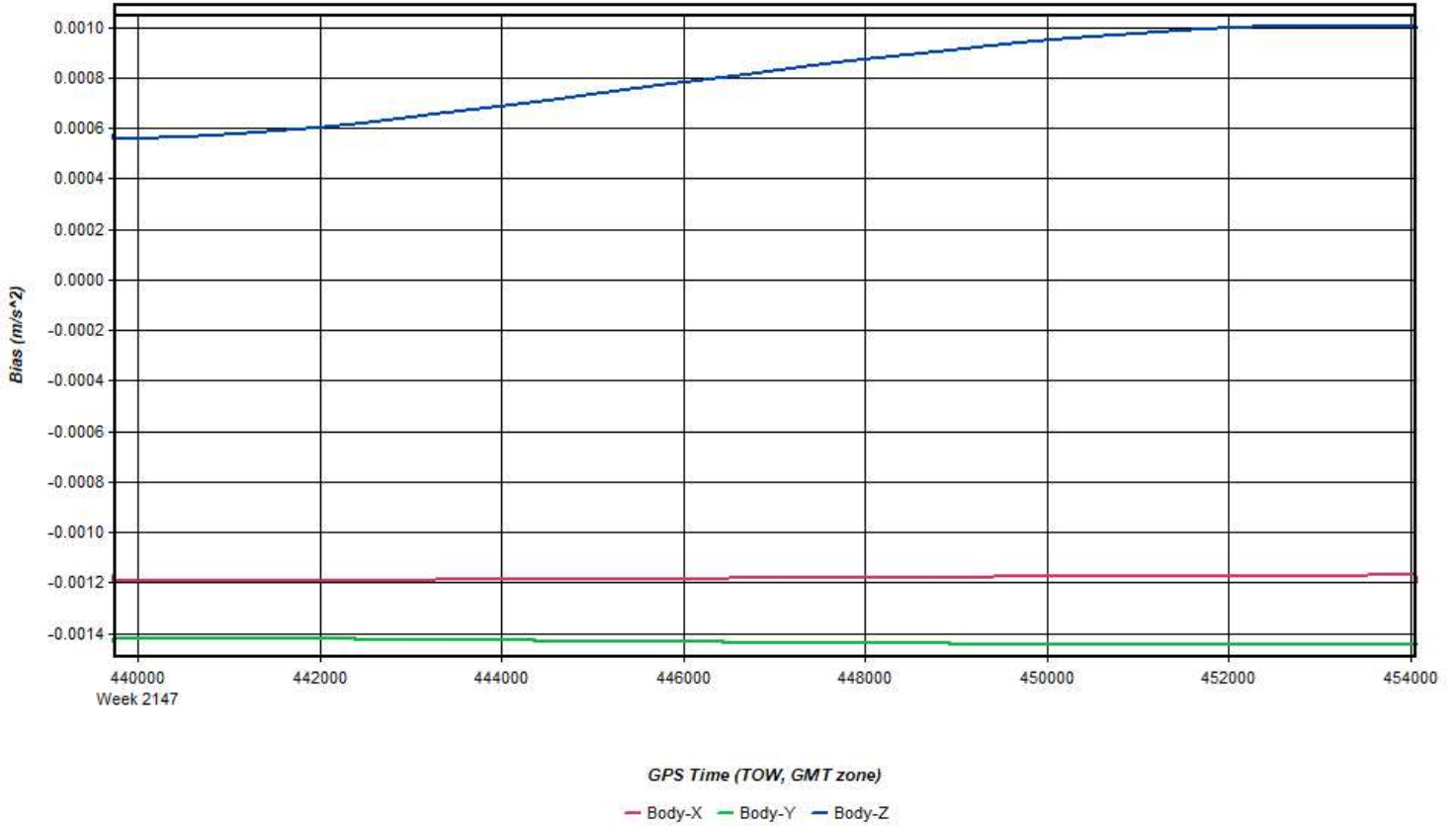
Process	20210305_020725_2	by Unknown	on 3/10/2021	at 11:30:32
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Figure 18: 20210305_020725_2 [Smoothed TC Combined] - Doppler Residual RMS Plot



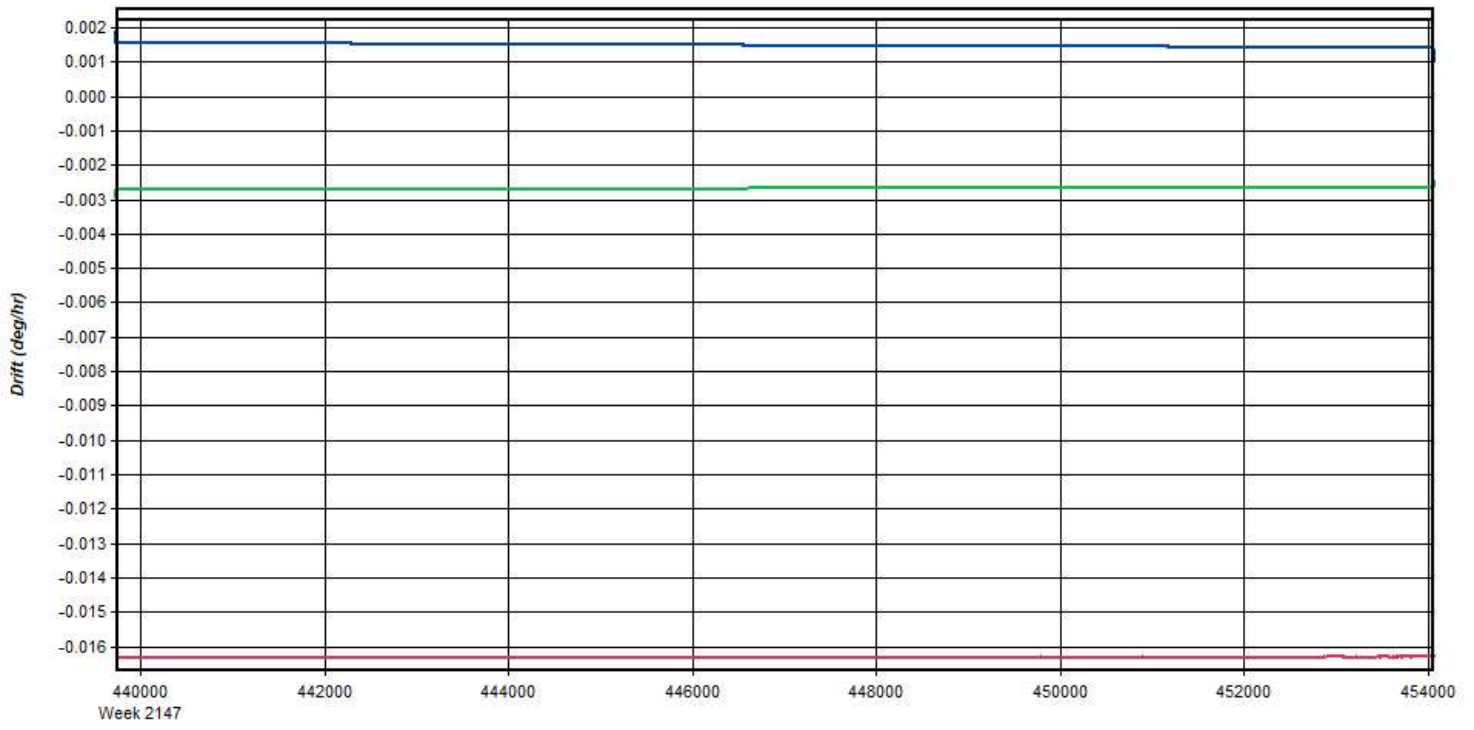
Process	20210305_020725_2	by Unknown	on 3/10/2021	at 11:30:32
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Figure 19: 20210305_020725_2 [Smoothed TC Combined] - Accelerometer Bias Plot



Process	20210305_020725_2	by Unknown	on 3/10/2021	at 11:30:32
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Figure 20: 20210305_020725_2 [Smoothed TC Combined] - Gyro Drift Plot



GPS Time (TOW, GMT zone)

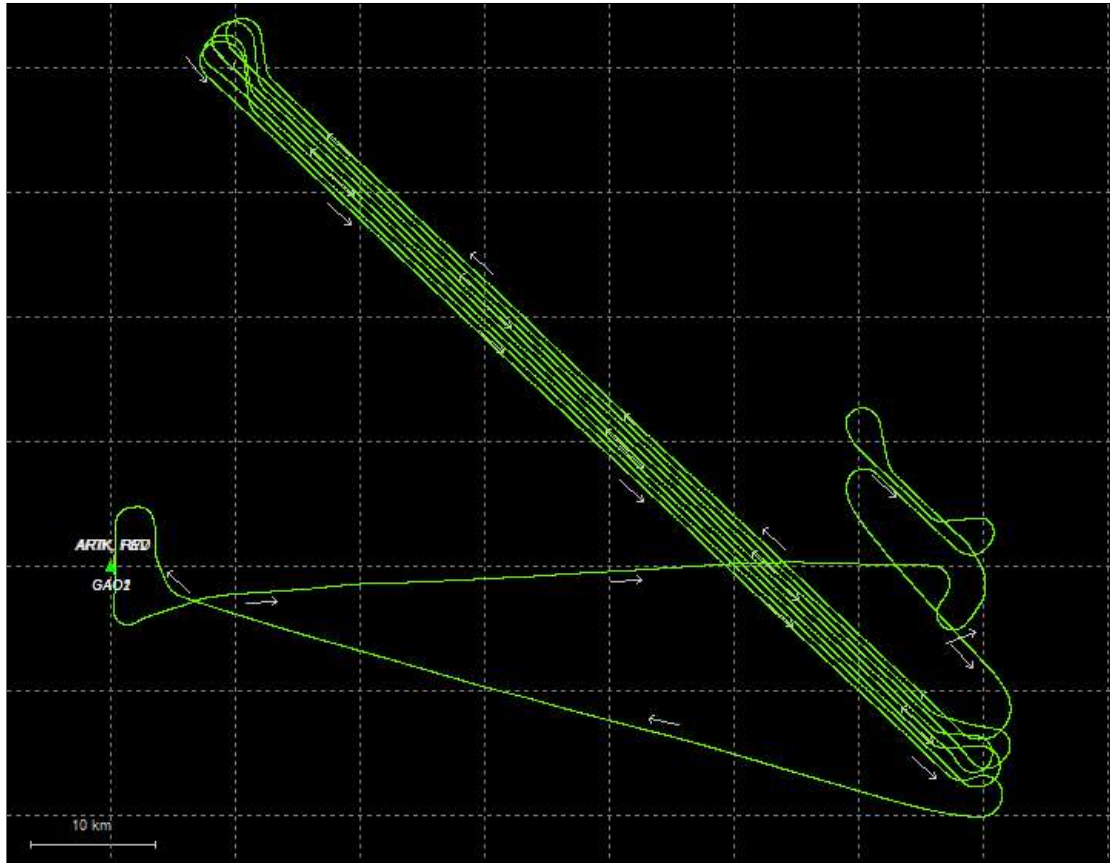
— Body-X — Body-Y — Body-Z

Process	20210305_020725_2	by Unknown	on 3/10/2021	at 11:30:32
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Output Results for 20210305_062616_3

Inertial Explorer Version 8.90.2124
03/10/2021

Figure 1: Smoothed TC Combined - Map



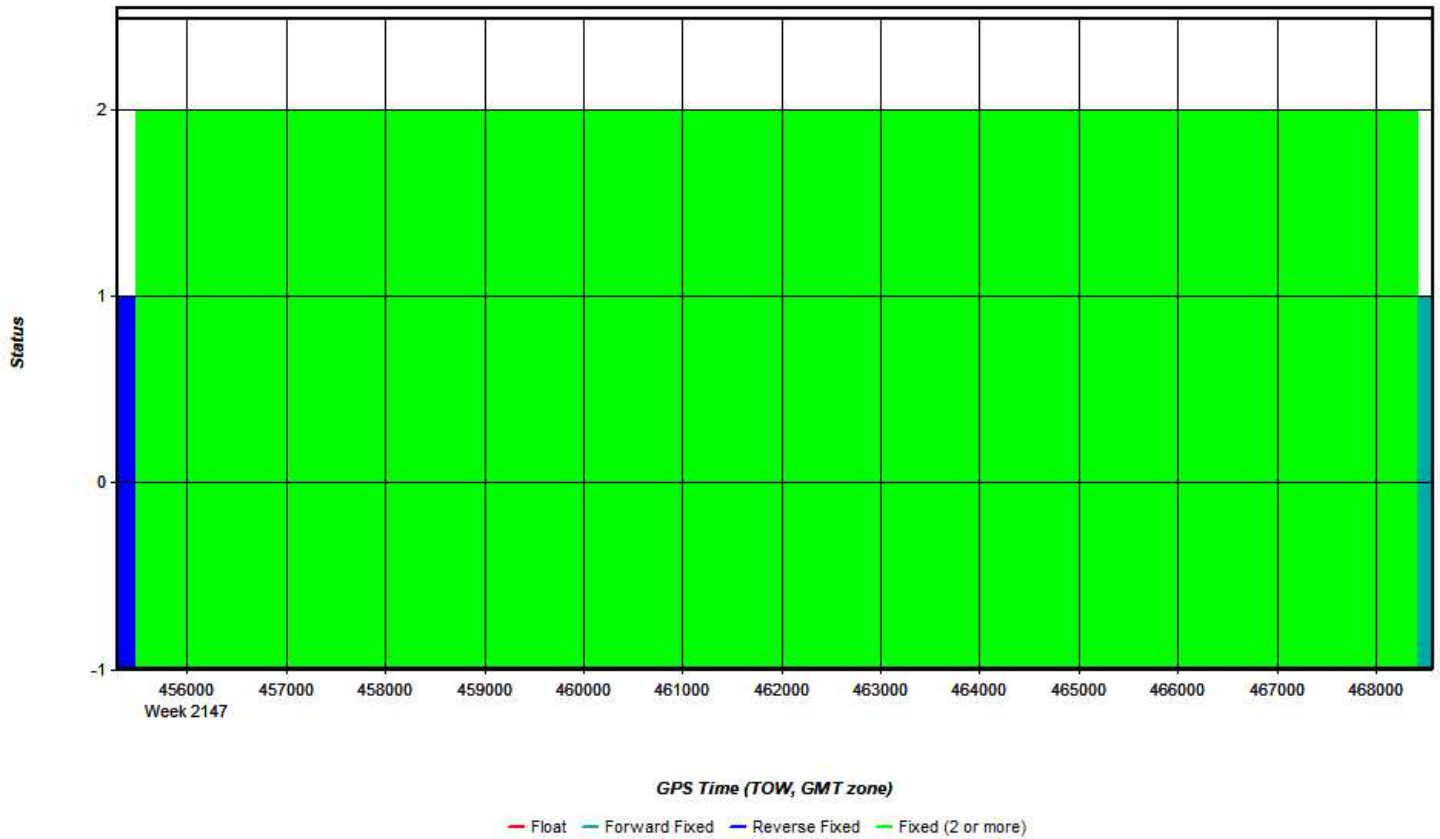
Process	20210305_062616_3	by Unknown	on 3/10/2021	at 14:23:05
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Figure 2: 20210305_062616_3 [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot



Process	20210305_062616_3	by Unknown	on 3/10/2021	at 14:23:05
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Figure 3: 20210305_062616_3 [Smoothed TC Combined] - Float or Fixed Ambiguity



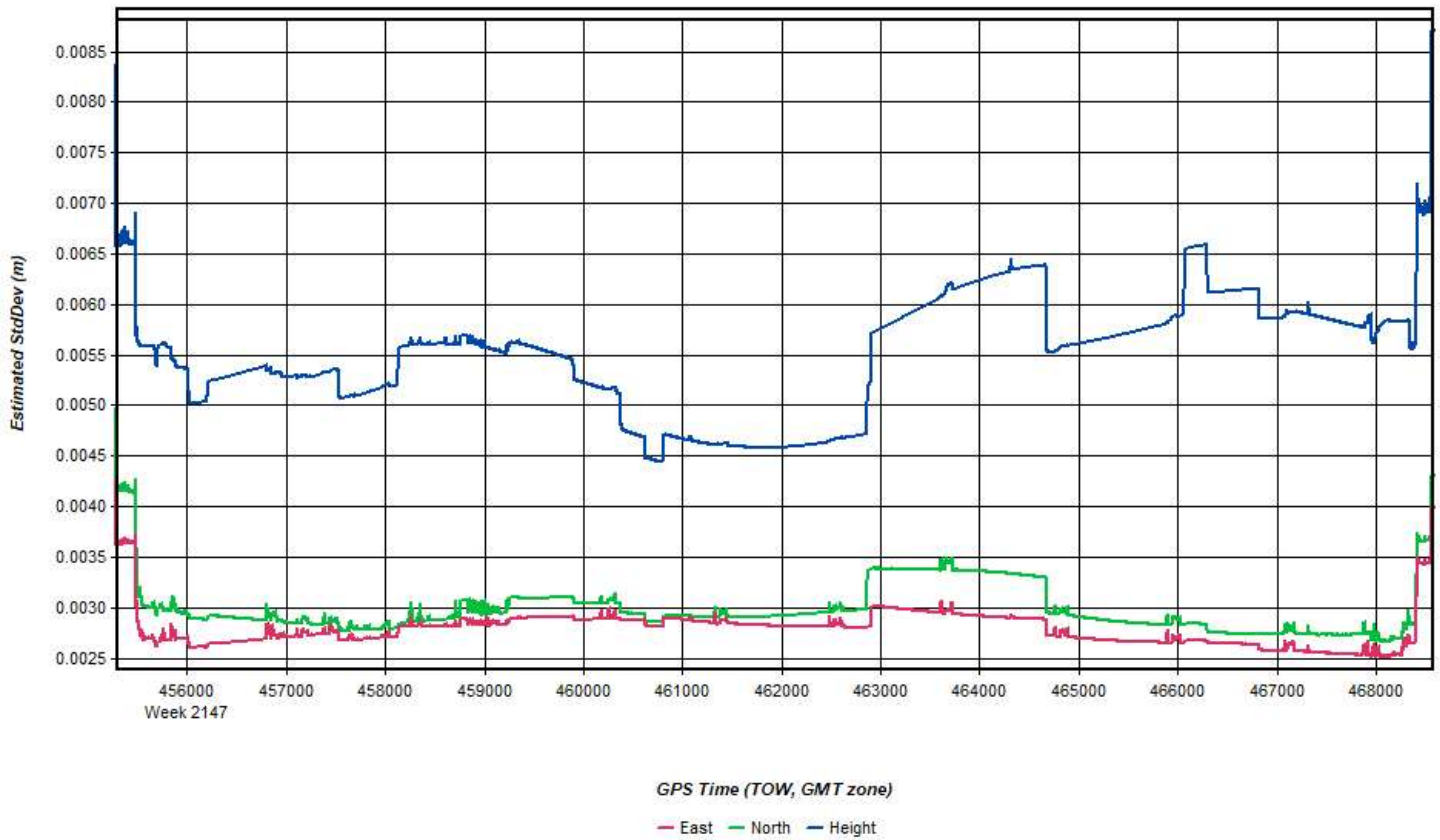
Process	20210305_062616_3	by Unknown	on 3/10/2021	at 14:23:05
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Figure 4: 20210305_062616_3 [Smoothed TC Combined] - Forward/Reverse Separation Plot (Fixed)



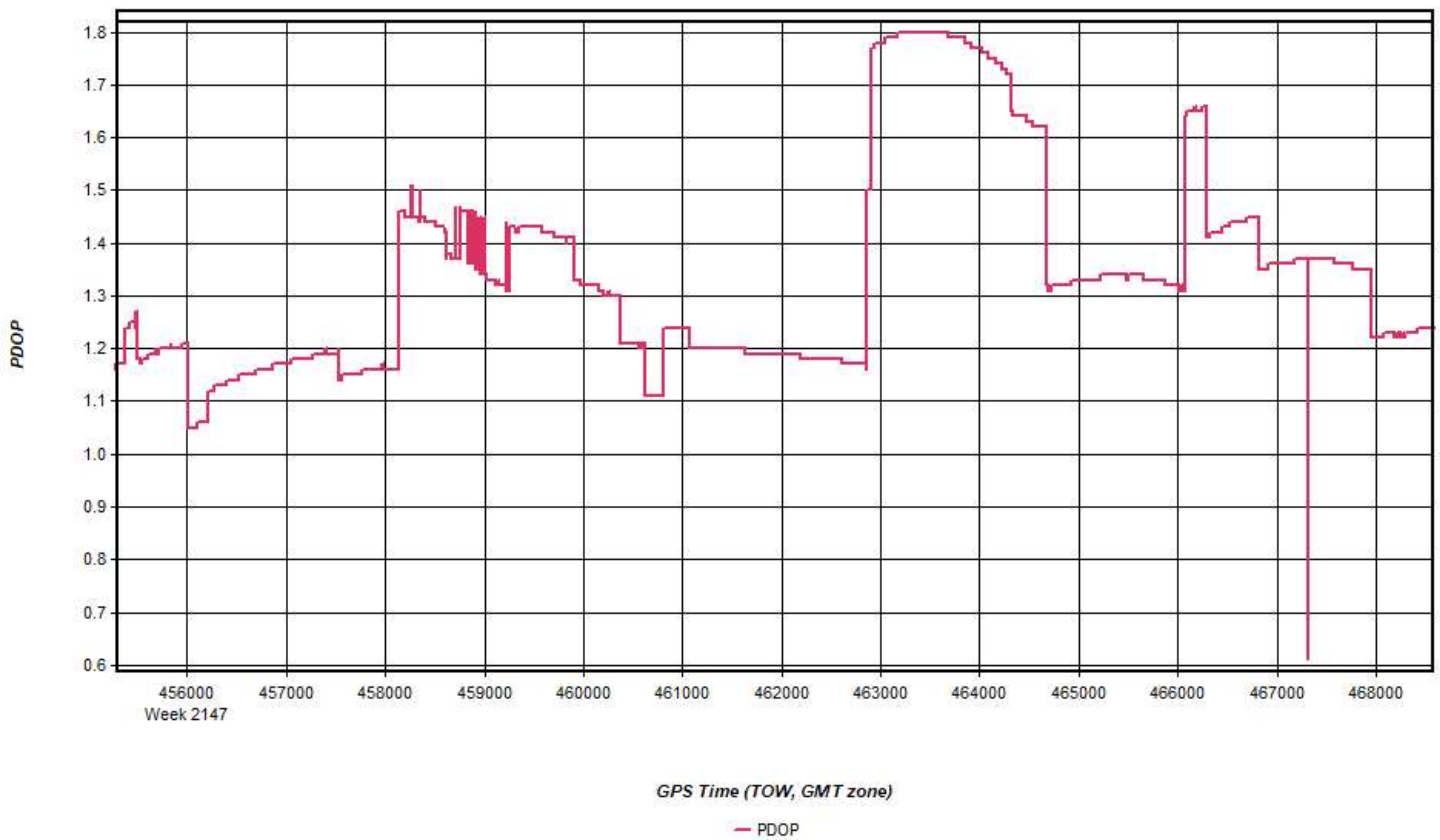
Process	20210305_062616_3	by Unknown	on 3/10/2021	at 14:23:05
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Figure 5: 20210305_062616_3 [Smoothed TC Combined] - Estimated Position Accuracy Plot



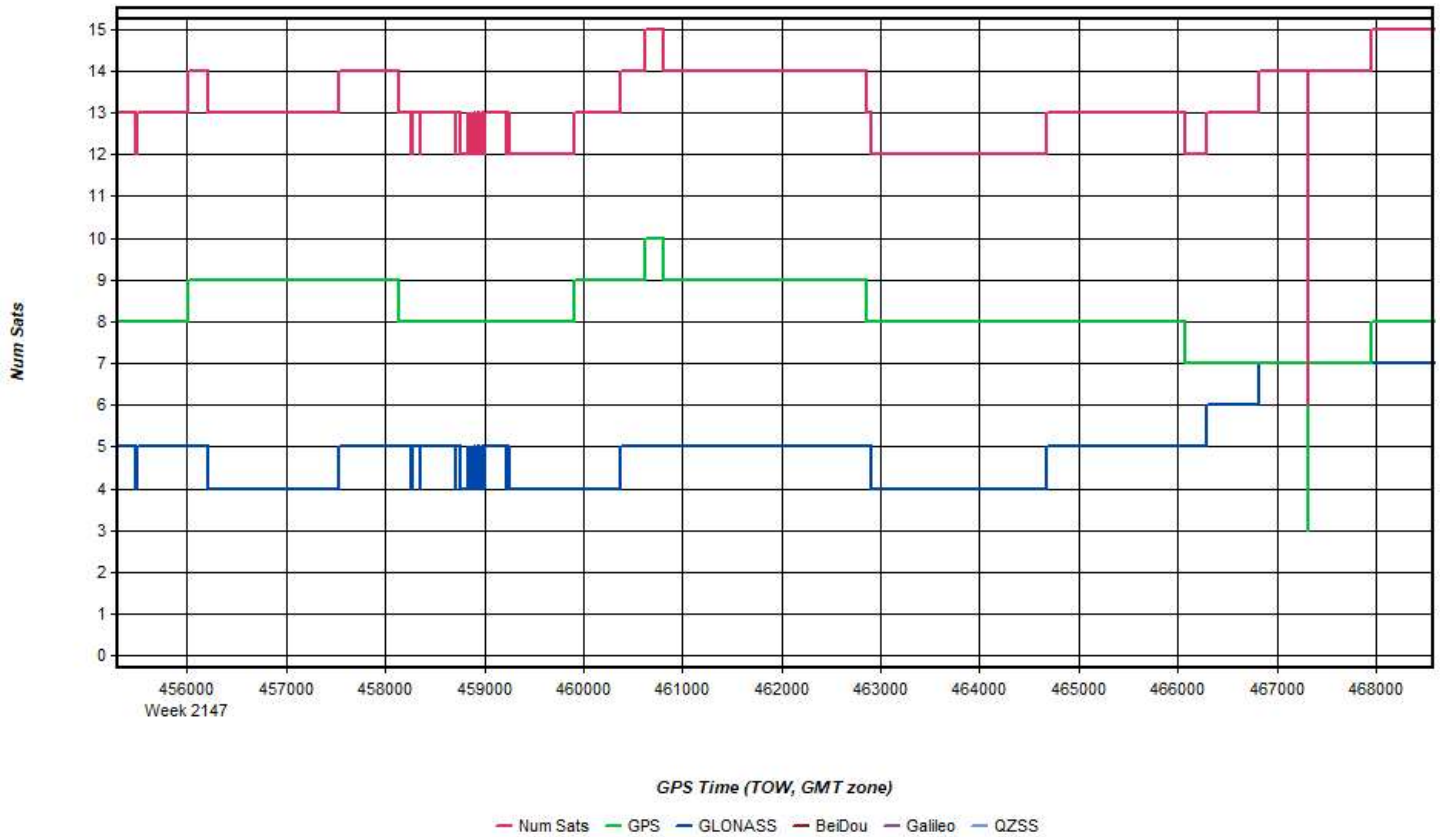
Process	20210305_062616_3	by Unknown	on 3/10/2021	at 14:23:05
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Figure 6: 20210305_062616_3 [Smoothed TC Combined] - PDOP Plot



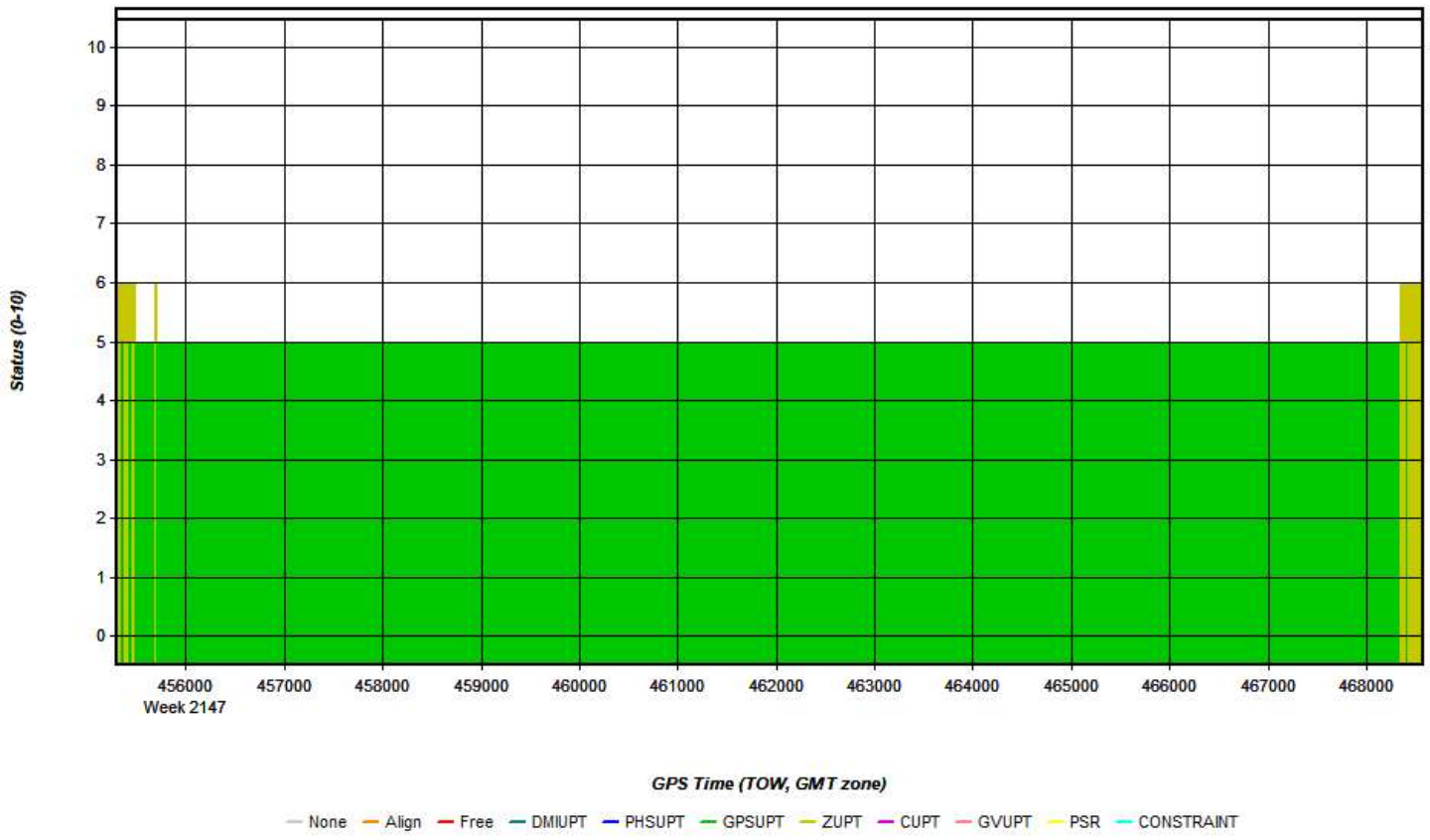
Process	20210305_062616_3	by Unknown	on 3/10/2021	at 14:23:05
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Figure 7: 20210305_062616_3 [Smoothed TC Combined] - Number of Satellites Line Plot



Process	20210305_062616_3	by Unknown	on 3/10/2021	at 14:23:05
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Figure 8: 20210305_062616_3 [Smoothed TC Combined] - Status flag for IMU processing



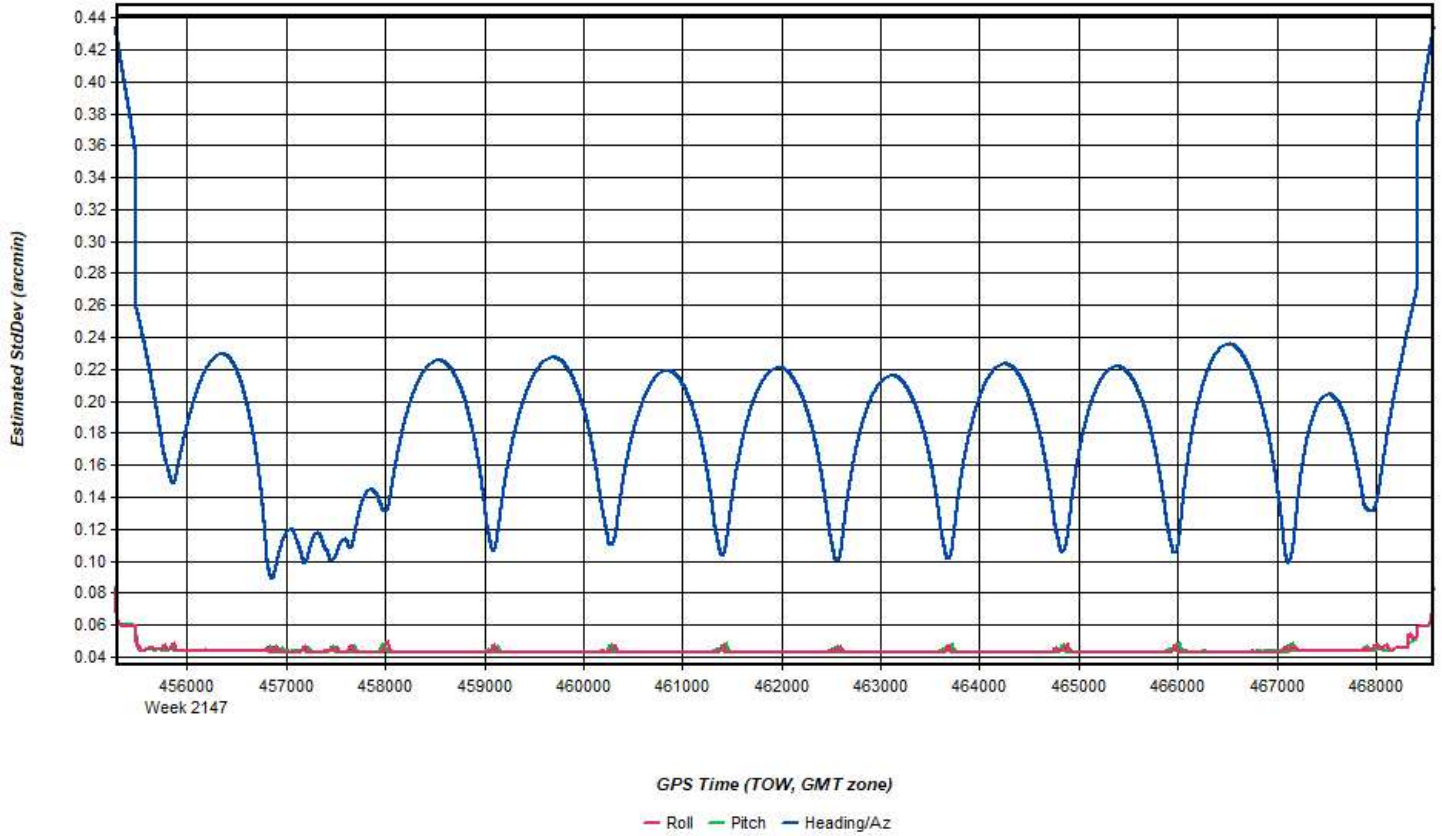
Process	20210305_062616_3	by Unknown	on 3/10/2021	at 14:23:05
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Figure 9: 20210305_062616_3 [Smoothed TC Combined] - Fwd/Rev Attitude Separation Plot



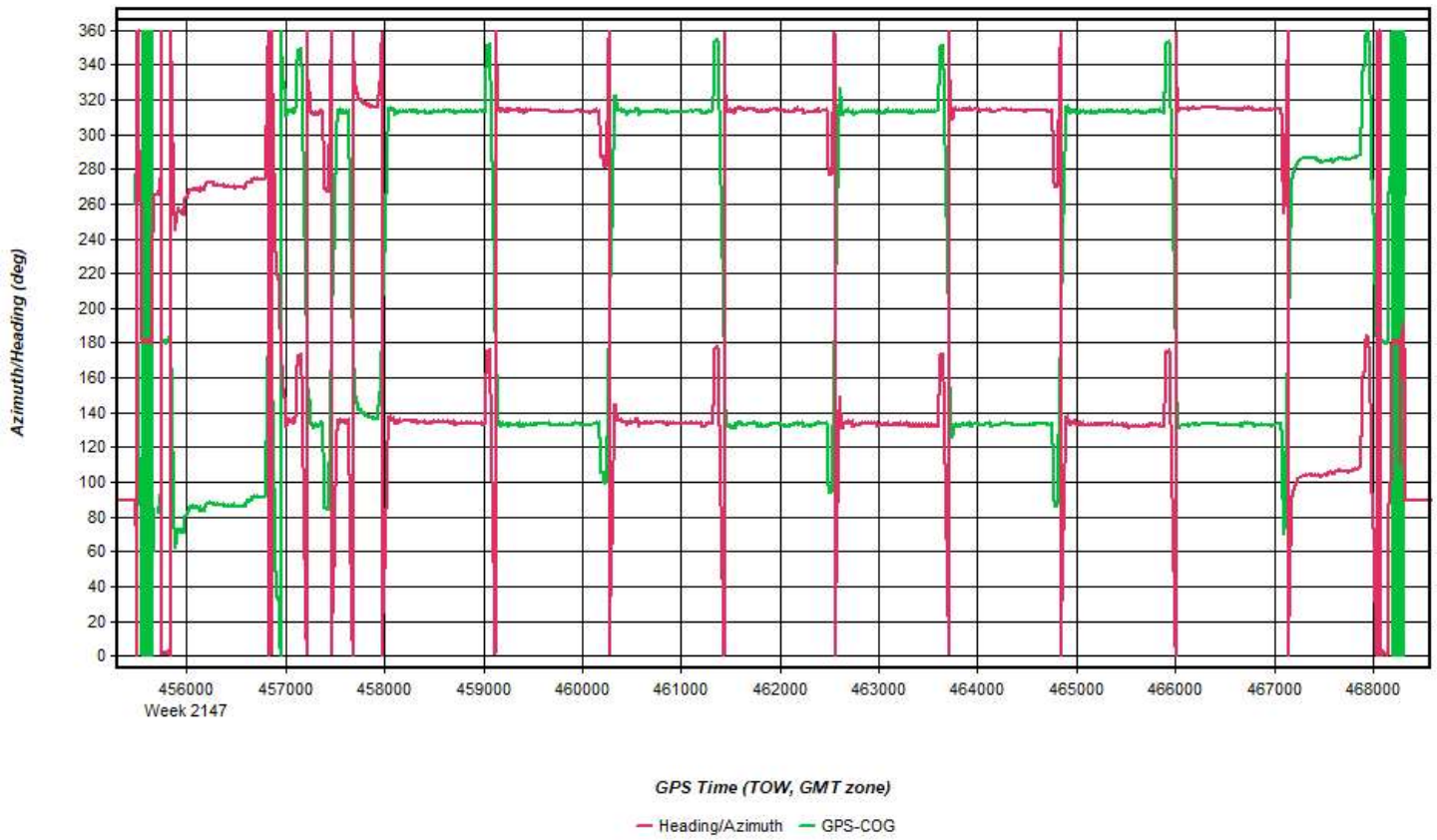
Process	20210305_062616_3	by Unknown	on 3/10/2021	at 14:23:05
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Figure 10: 20210305_062616_3 [Smoothed TC Combined] - Estimated Attitude Accuracy Plot



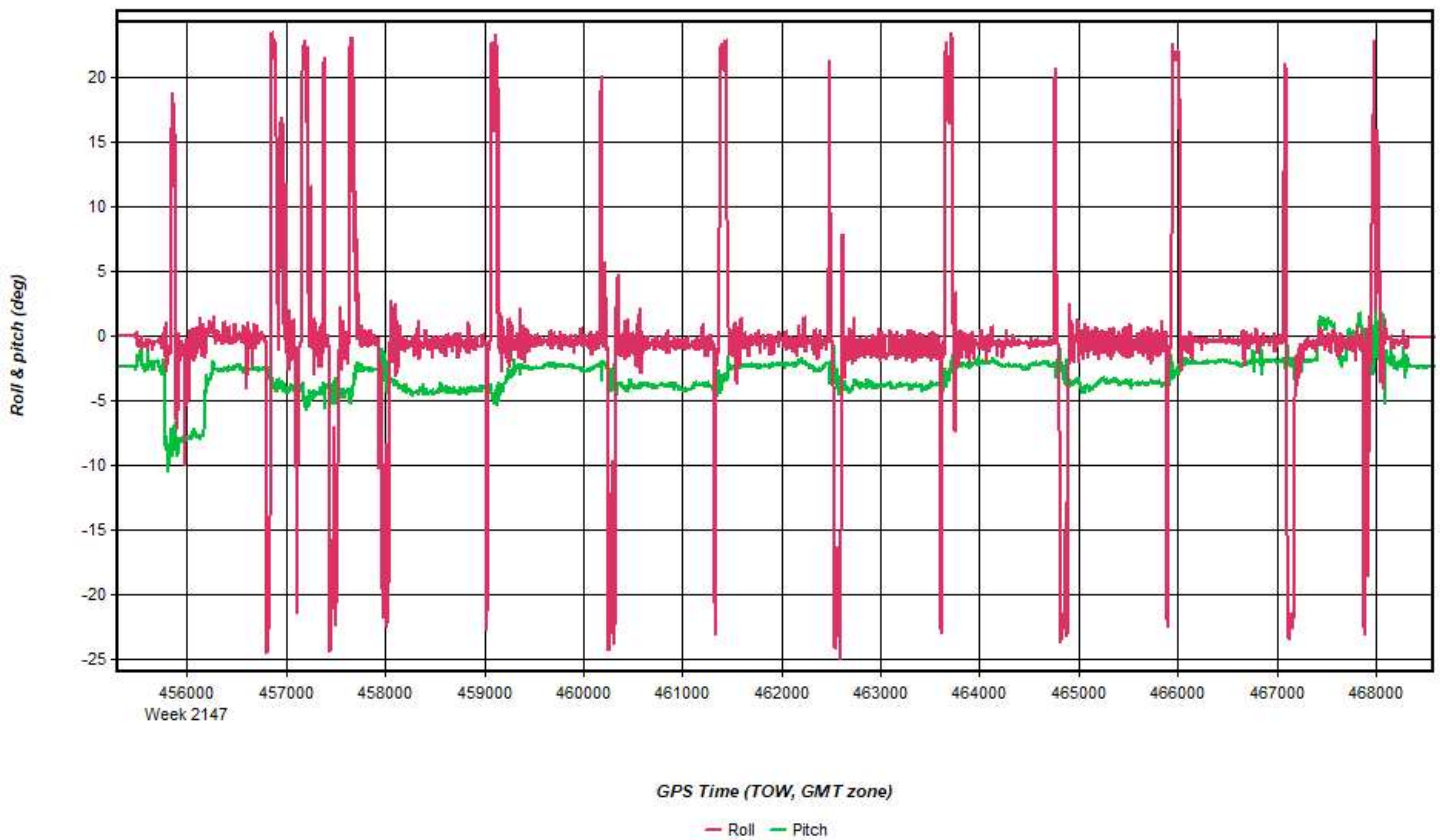
Process	20210305_062616_3	by Unknown	on 3/10/2021	at 14:23:05
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Figure 11: 20210305_062616_3 [Smoothed TC Combined] - Azimuth Plot



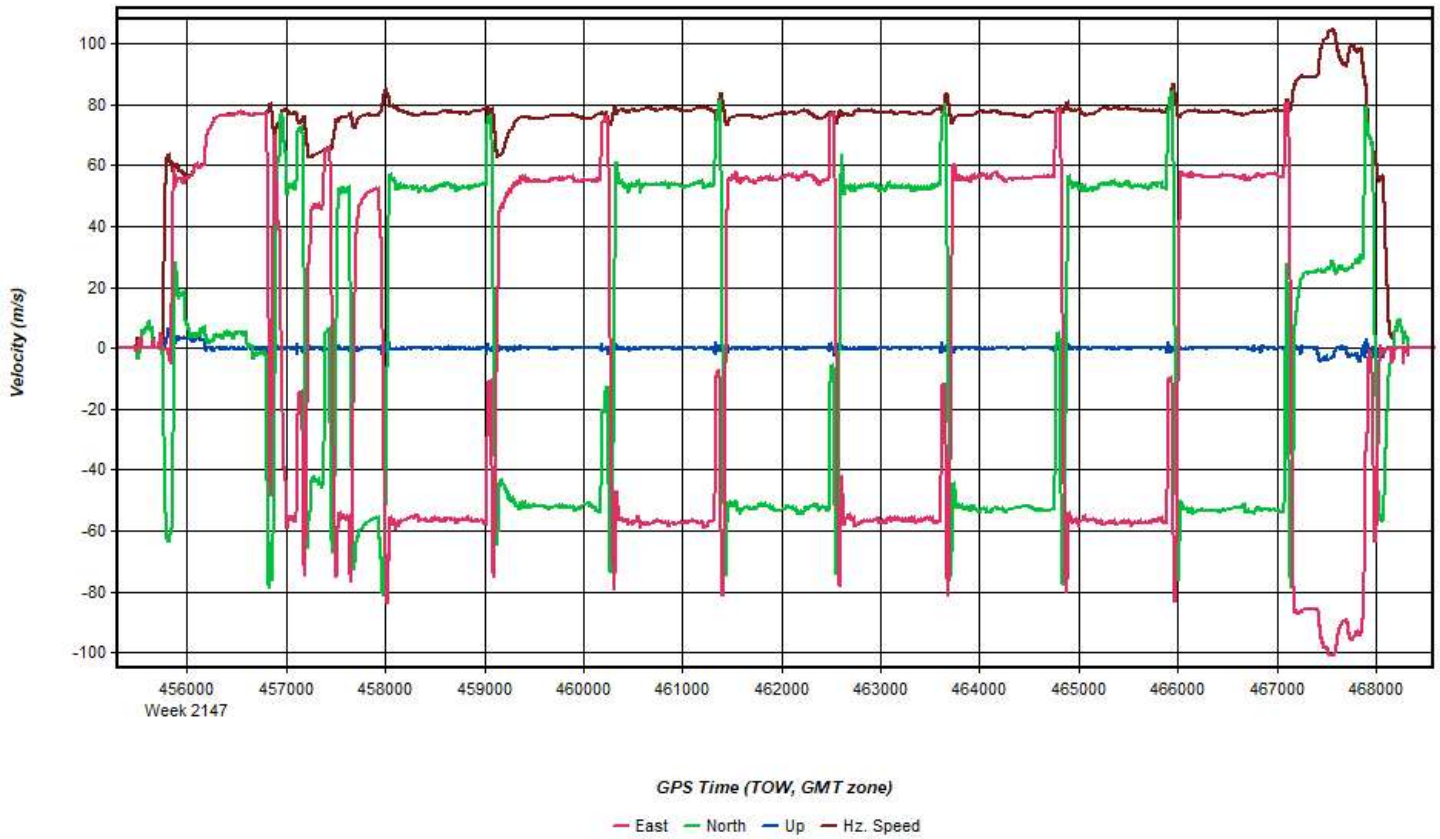
Process	20210305_062616_3	by Unknown	on 3/10/2021	at 14:23:05
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Figure 12: 20210305_062616_3 [Smoothed TC Combined] - Roll & Pitch Plot



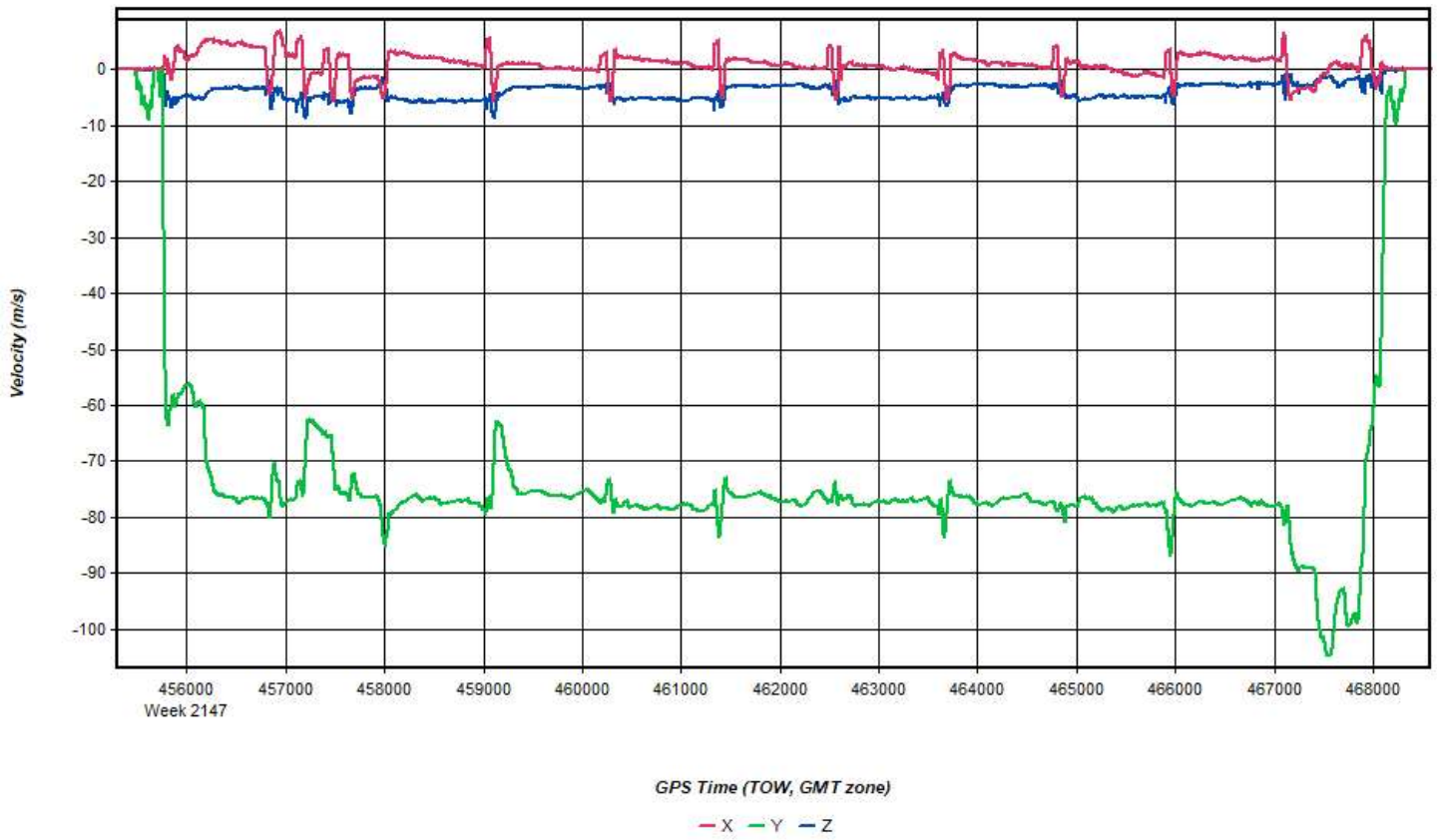
Process	20210305_062616_3	by Unknown	on 3/10/2021	at 14:23:05
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Figure 13: 20210305_062616_3 [Smoothed TC Combined] - Velocity Profile Plot



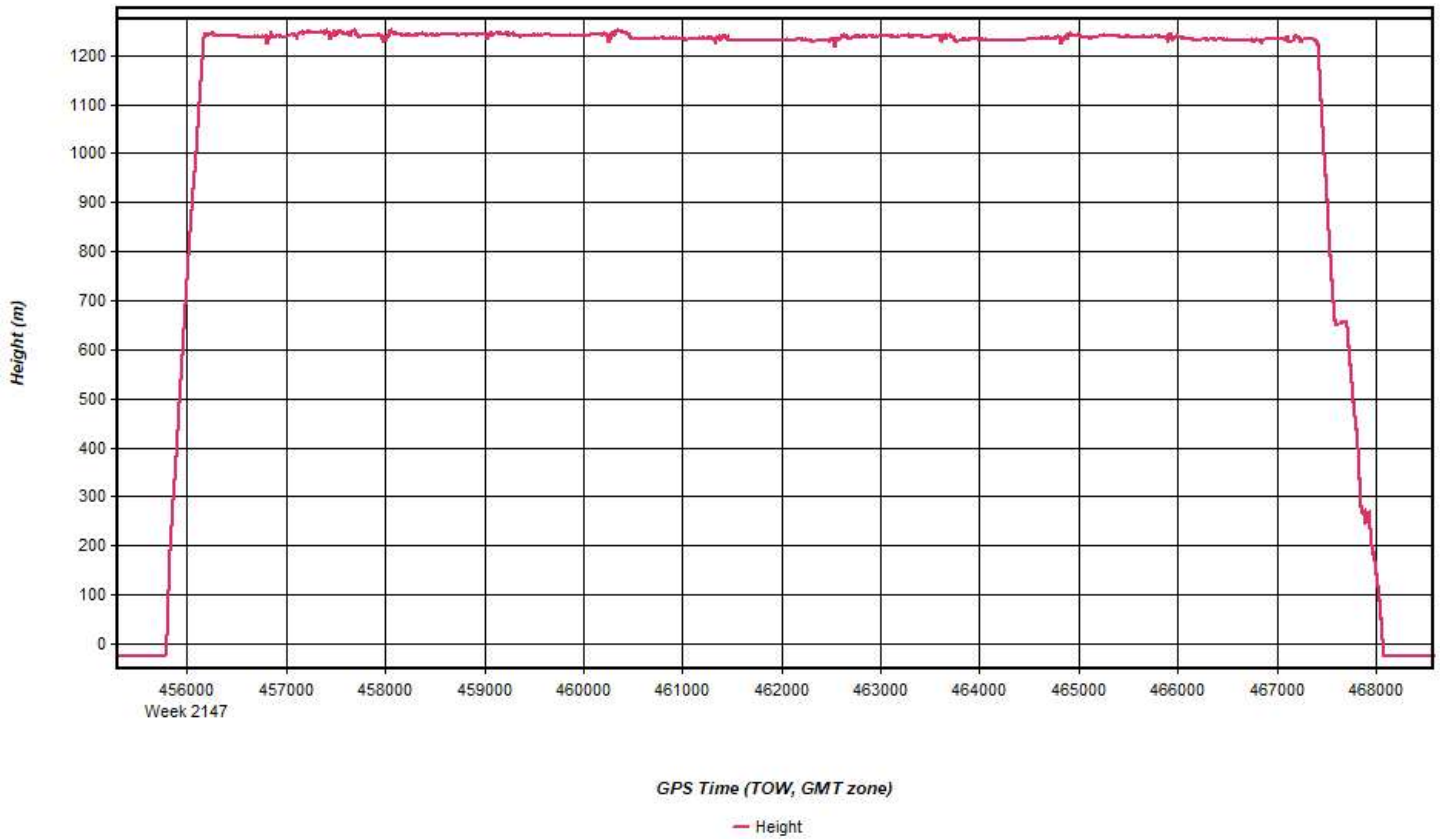
Process	20210305_062616_3	by Unknown	on 3/10/2021	at 14:23:05
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Figure 14: 20210305_062616_3 [Smoothed TC Combined] - Body Frame Velocity Plot



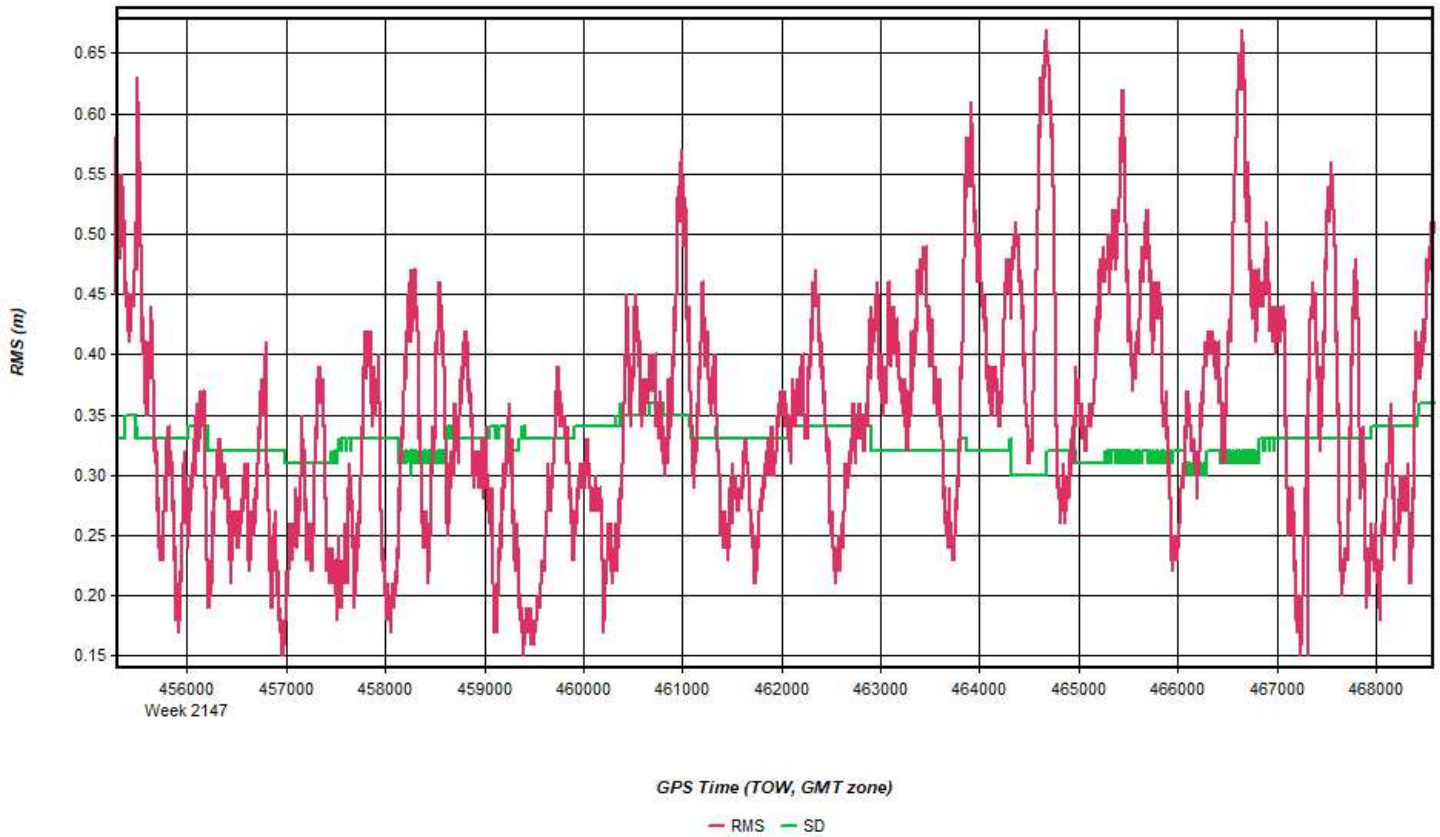
Process	20210305_062616_3	by Unknown	on 3/10/2021	at 14:23:05
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Figure 15: 20210305_062616_3 [Smoothed TC Combined] - Height Profile Plot



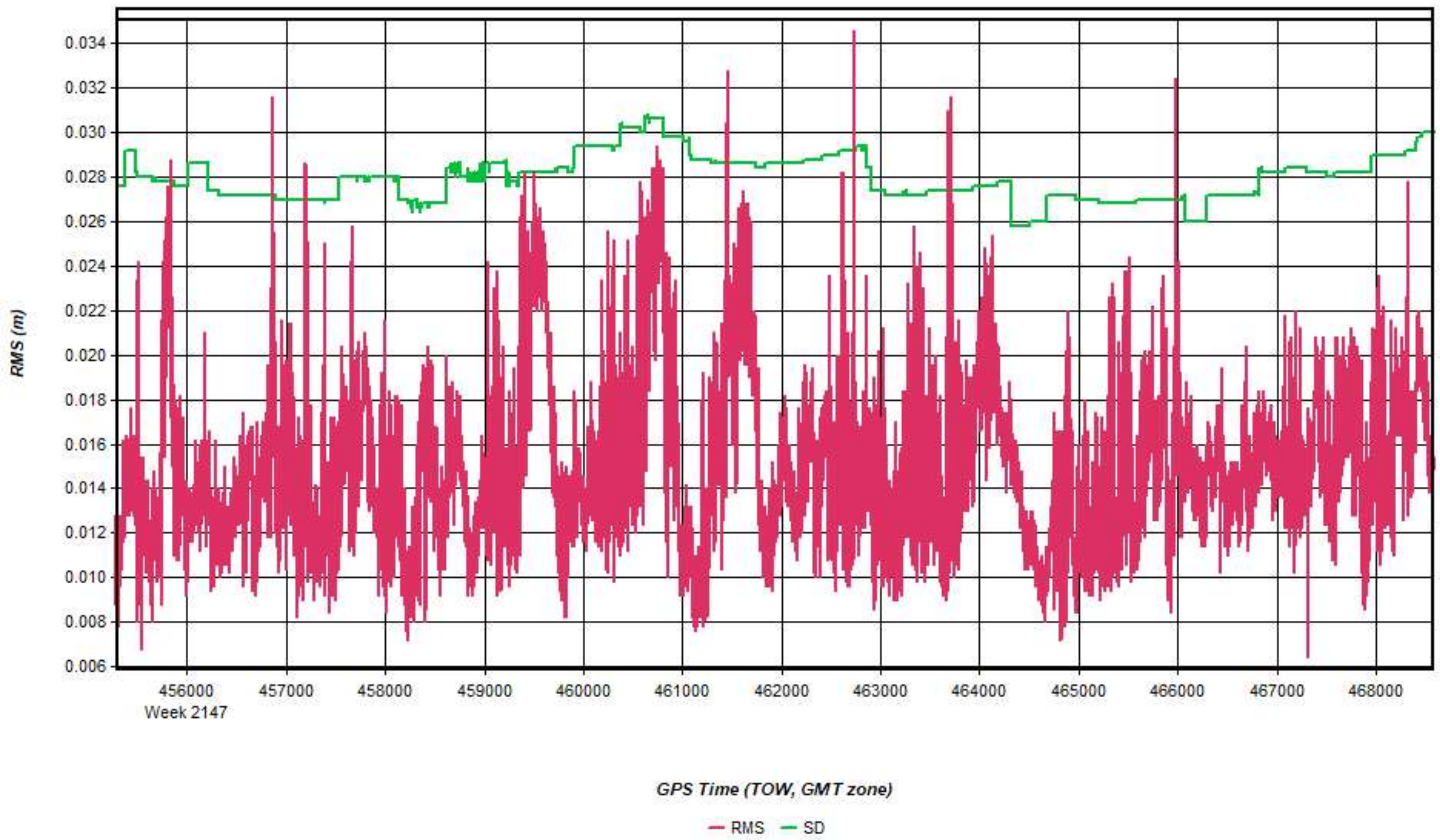
Process	20210305_062616_3	by Unknown	on 3/10/2021	at 14:23:05
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Figure 16: 20210305_062616_3 [Smoothed TC Combined] - C/A Code Residual RMS Plot



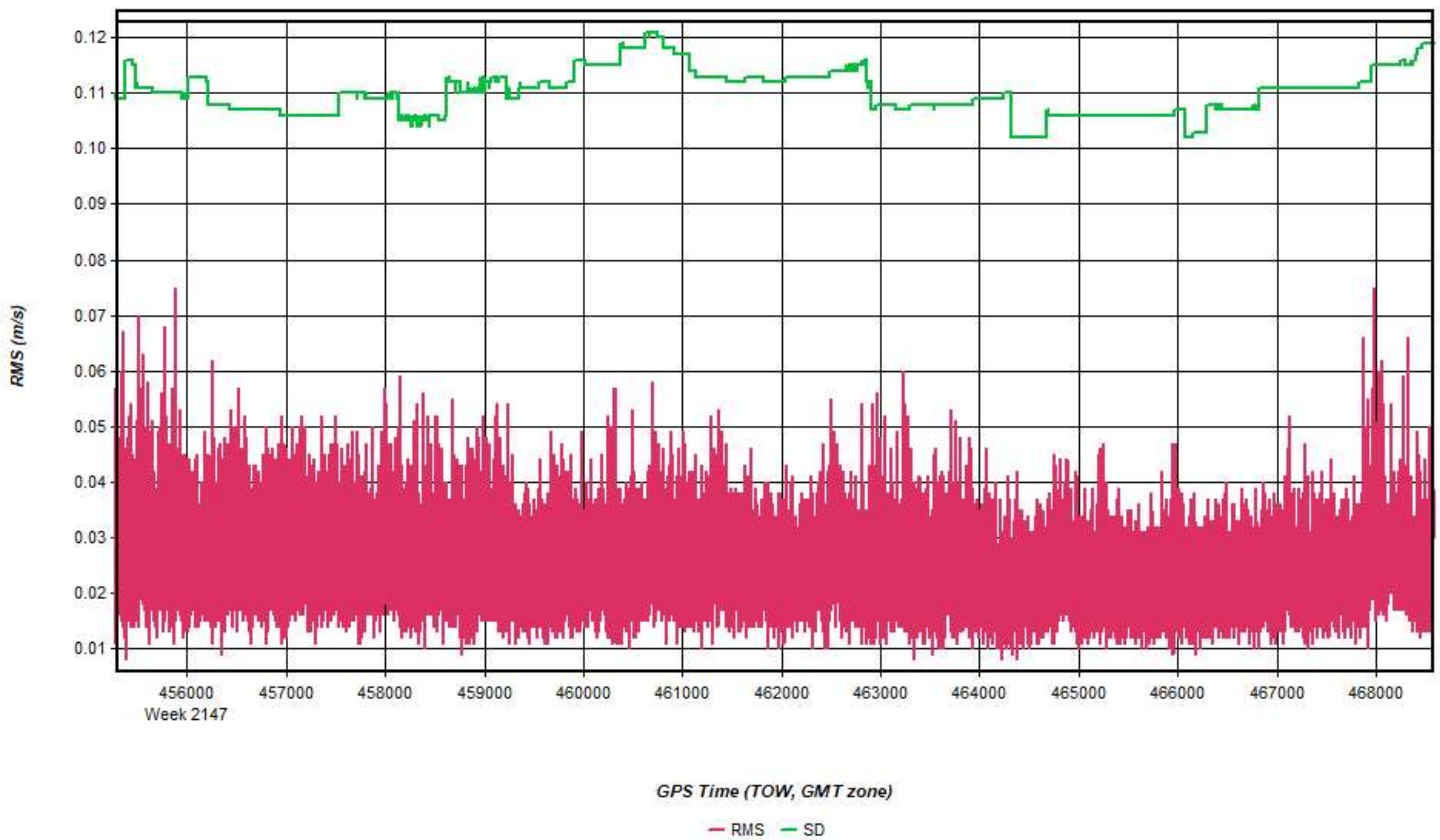
Process	20210305_062616_3	by Unknown	on 3/10/2021	at 14:23:05
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Figure 17: 20210305_062616_3 [Smoothed TC Combined] - Carrier Residual RMS Plot



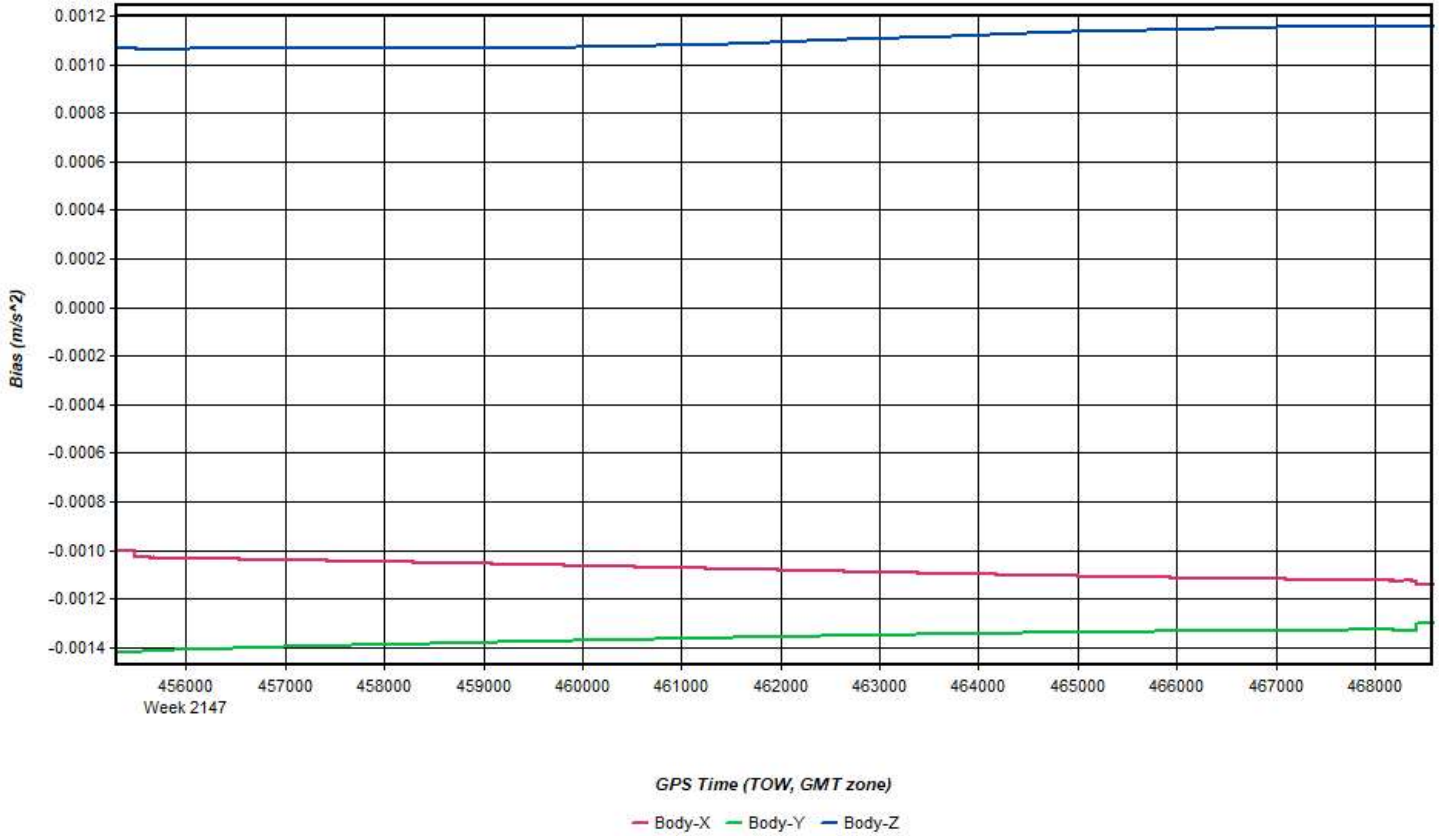
Process	20210305_062616_3	by Unknown	on 3/10/2021	at 14:23:05
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Figure 18: 20210305_062616_3 [Smoothed TC Combined] - Doppler Residual RMS Plot



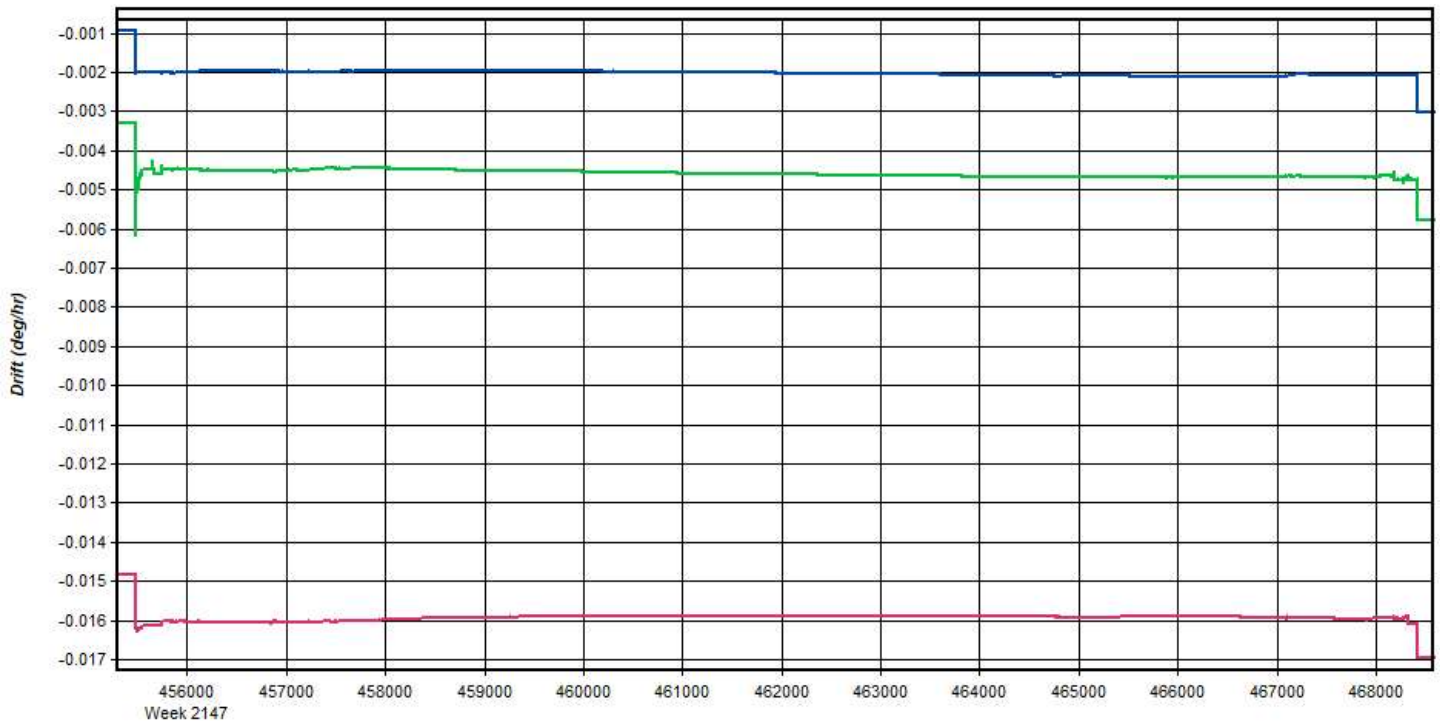
Process	20210305_062616_3	by Unknown	on 3/10/2021	at 14:23:05
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Figure 19: 20210305_062616_3 [Smoothed TC Combined] - Accelerometer Bias Plot



Process	20210305_062616_3	by Unknown	on 3/10/2021	at 14:23:05
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Figure 20: 20210305_062616_3 [Smoothed TC Combined] - Gyro Drift Plot



GPS Time (TOW, GMT zone)

— Body-X — Body-Y — Body-Z

Process	20210305_062616_3	by Unknown	on 3/10/2021	at 14:23:05
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Output Results for 20210307_042438_4

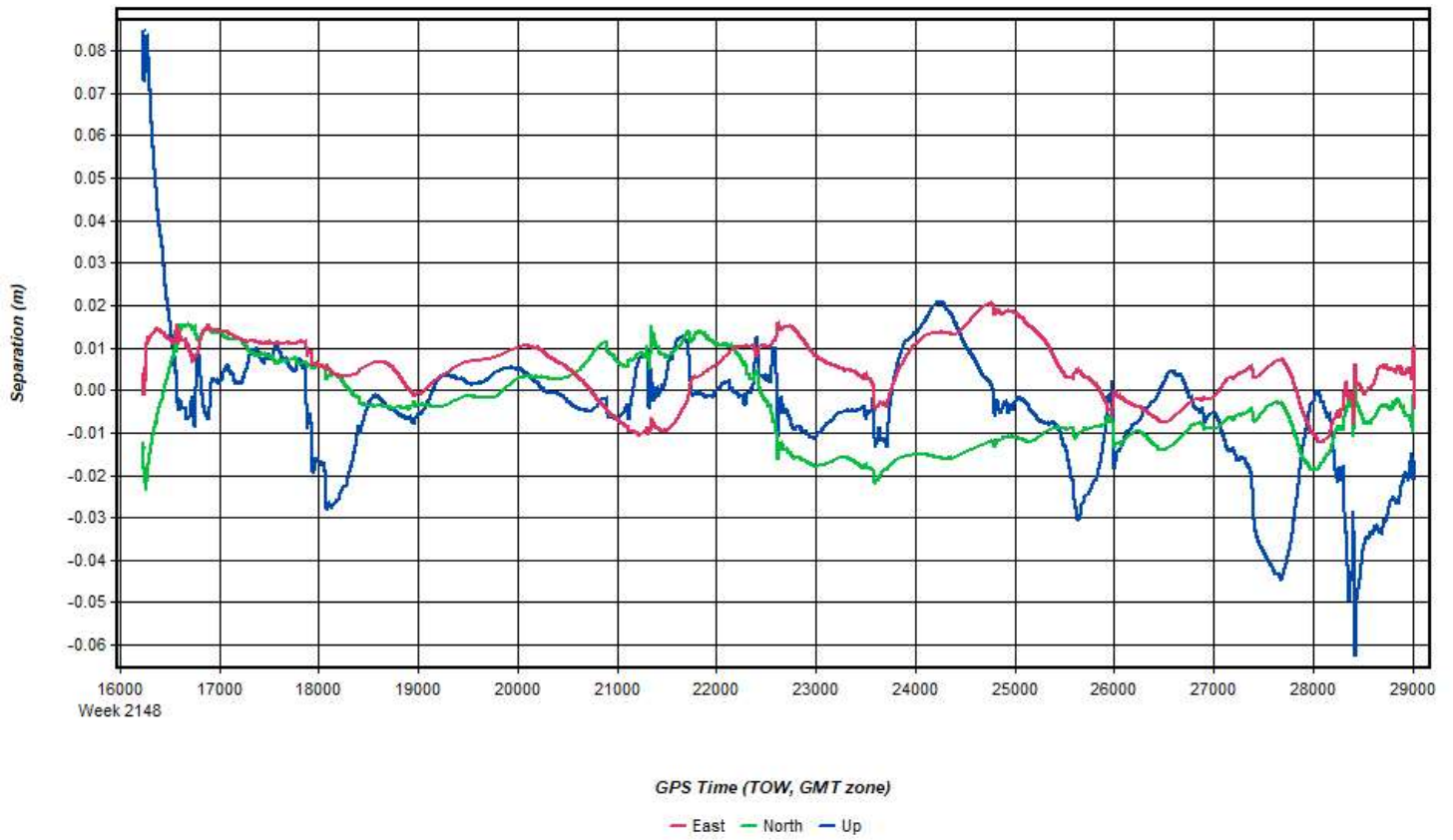
Inertial Explorer Version 8.90.2124
03/10/2021

Figure 1: Smoothed TC Combined - Map



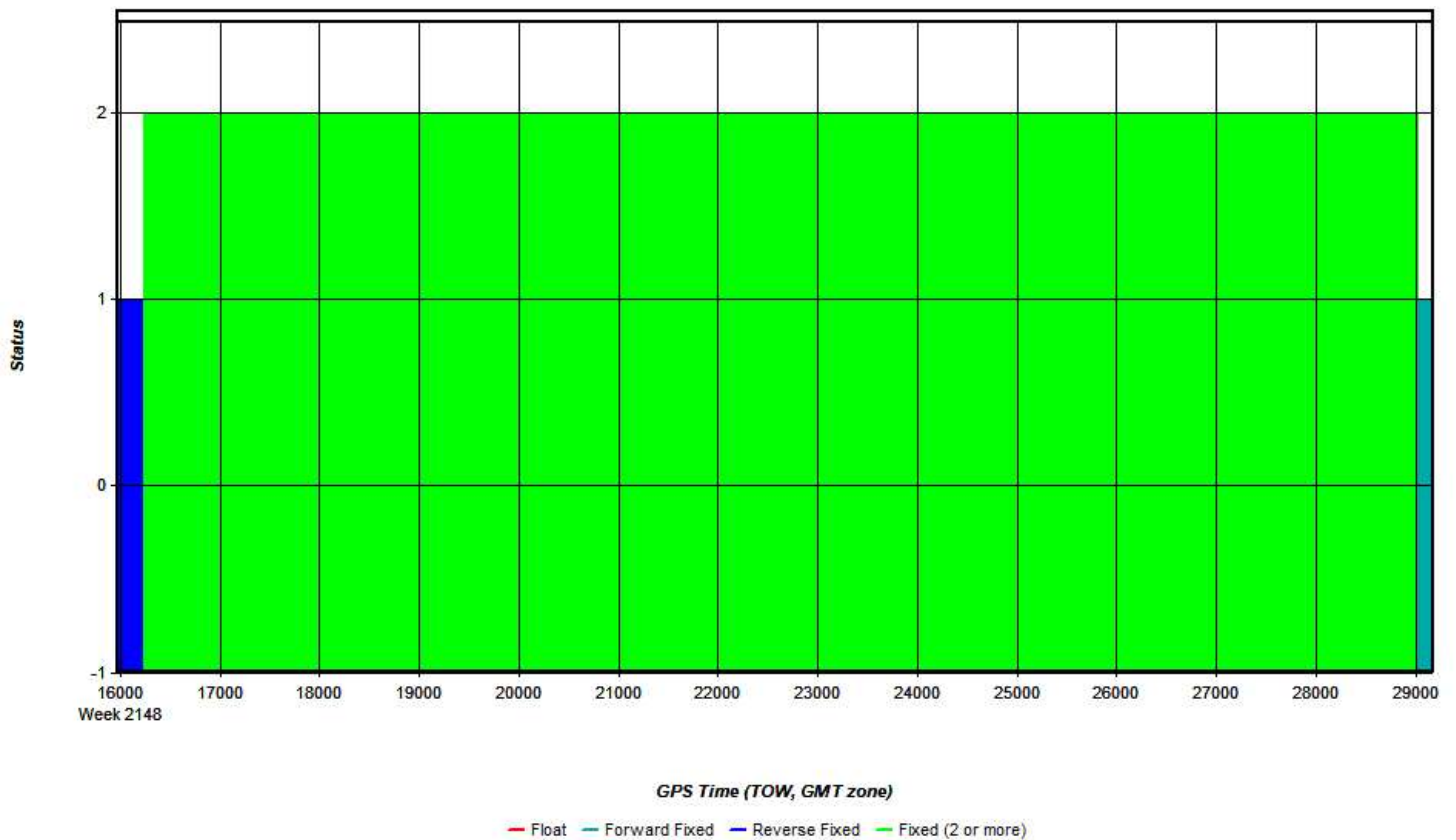
Process	20210307_042438_4	by Unknown	on 3/10/2021	at 17:01:19
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Figure 2: 20210307_042438_4 [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot



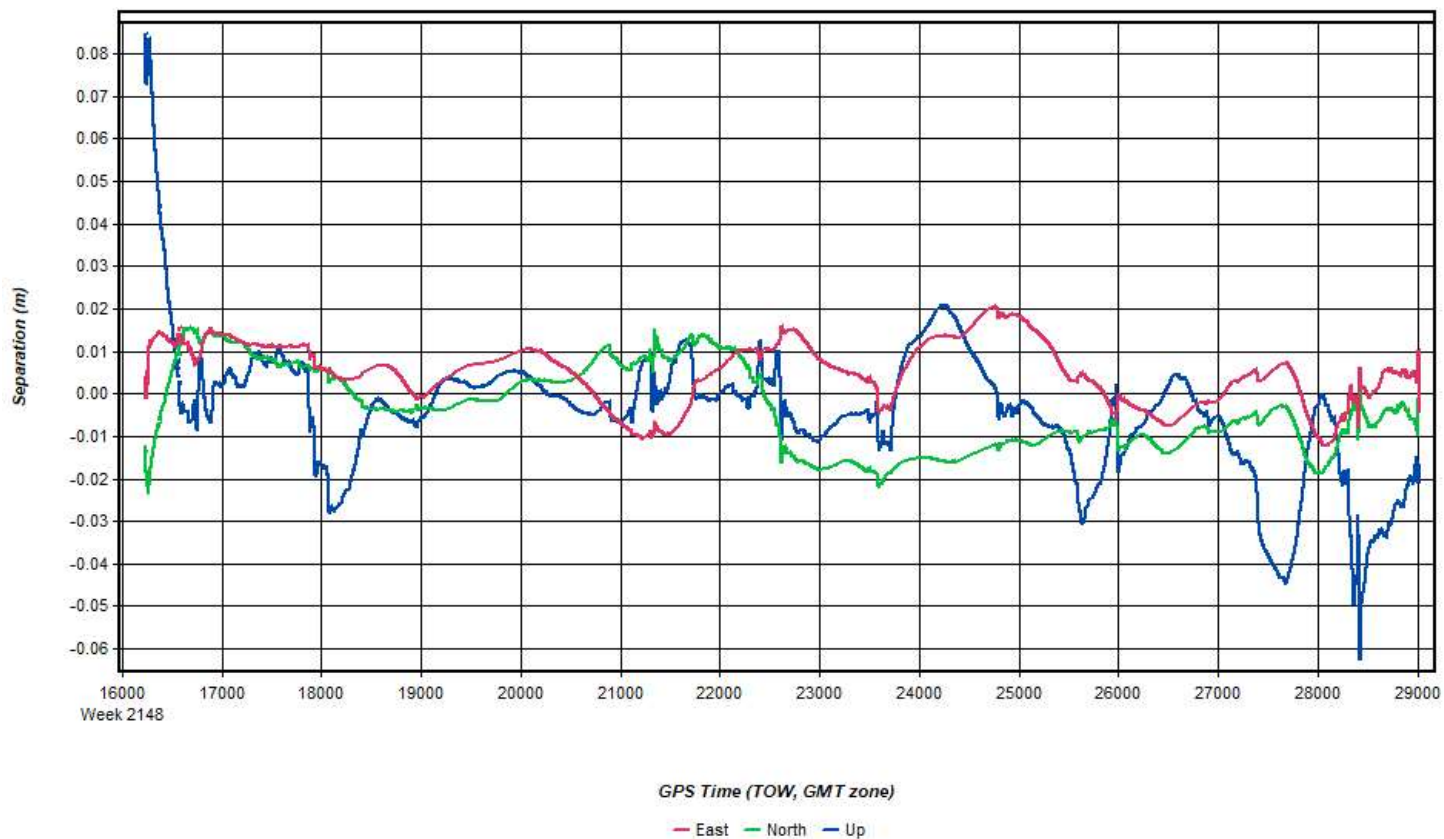
Process	20210307_042438_4	by Unknown	on 3/10/2021	at 17:01:19
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Figure 3: 20210307_042438_4 [Smoothed TC Combined] - Float or Fixed Ambiguity



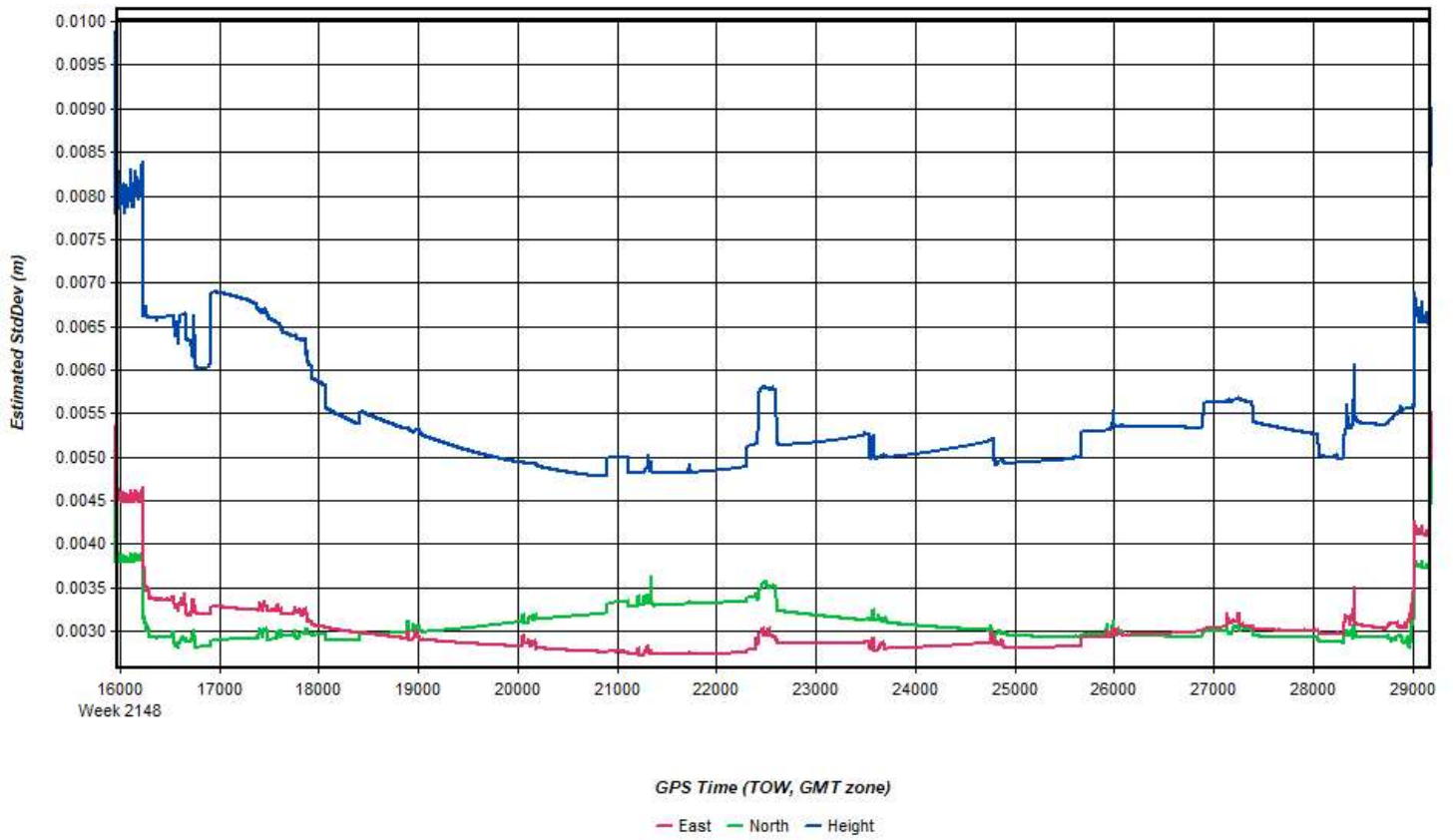
Process	20210307_042438_4	by Unknown	on 3/10/2021	at 17:01:19
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Figure 4: 20210307_042438_4 [Smoothed TC Combined] - Forward/Reverse Separation Plot (Fixed)



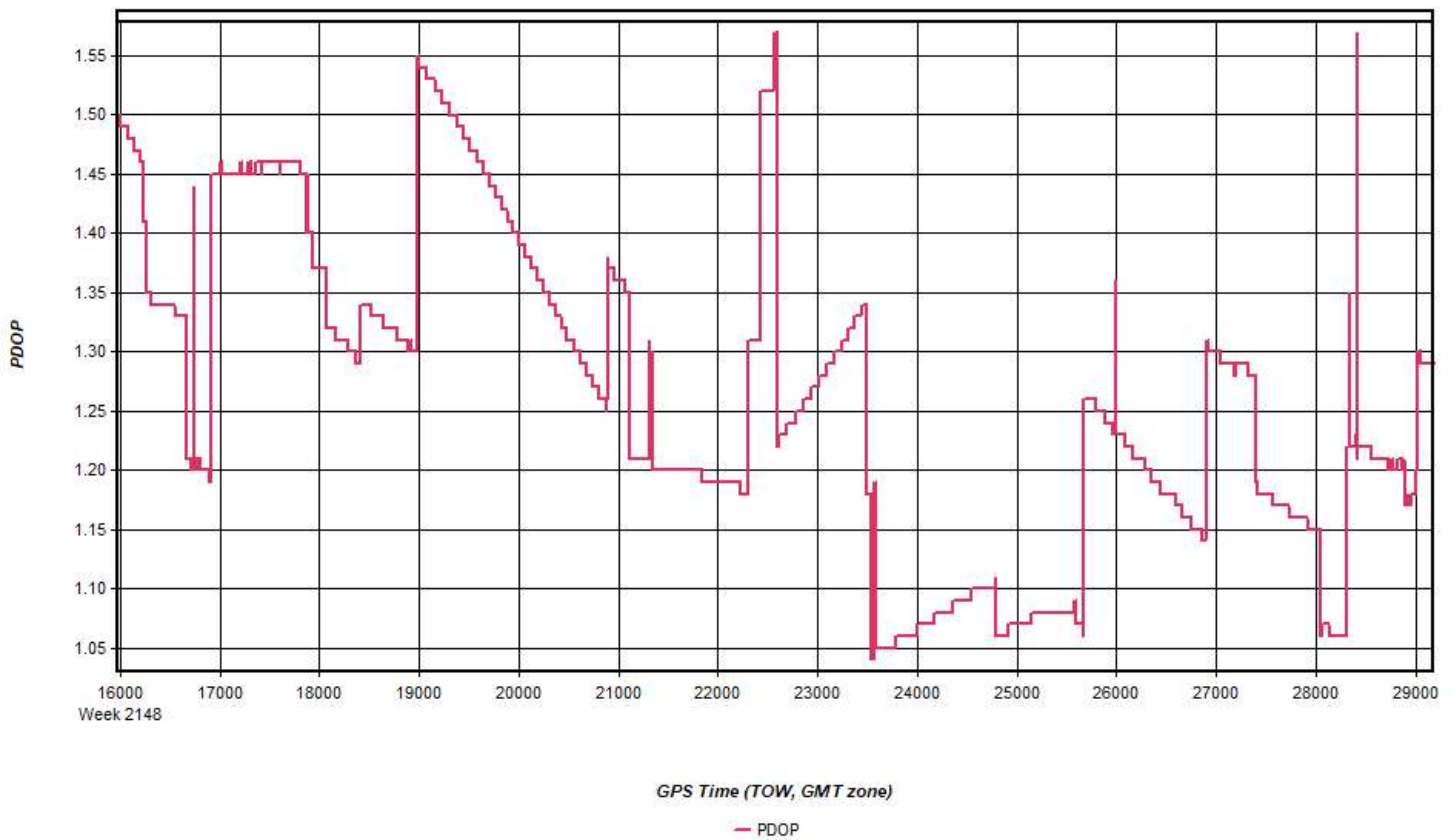
Process	20210307_042438_4	by Unknown	on 3/10/2021	at 17:01:19
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Figure 5: 20210307_042438_4 [Smoothed TC Combined] - Estimated Position Accuracy Plot



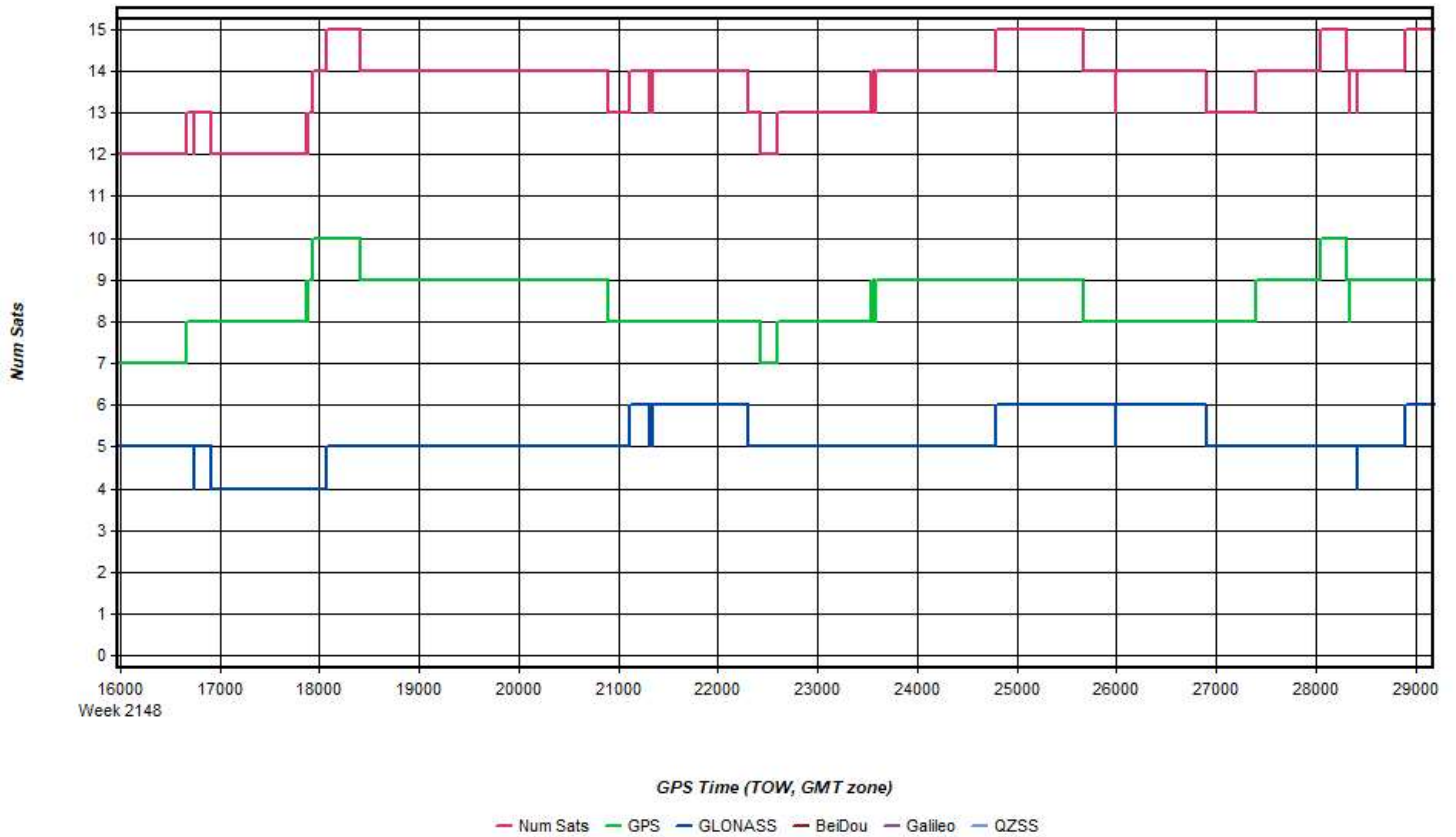
Process	20210307_042438_4	by Unknown	on 3/10/2021	at 17:01:19
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Figure 6: 20210307_042438_4 [Smoothed TC Combined] - PDOP Plot



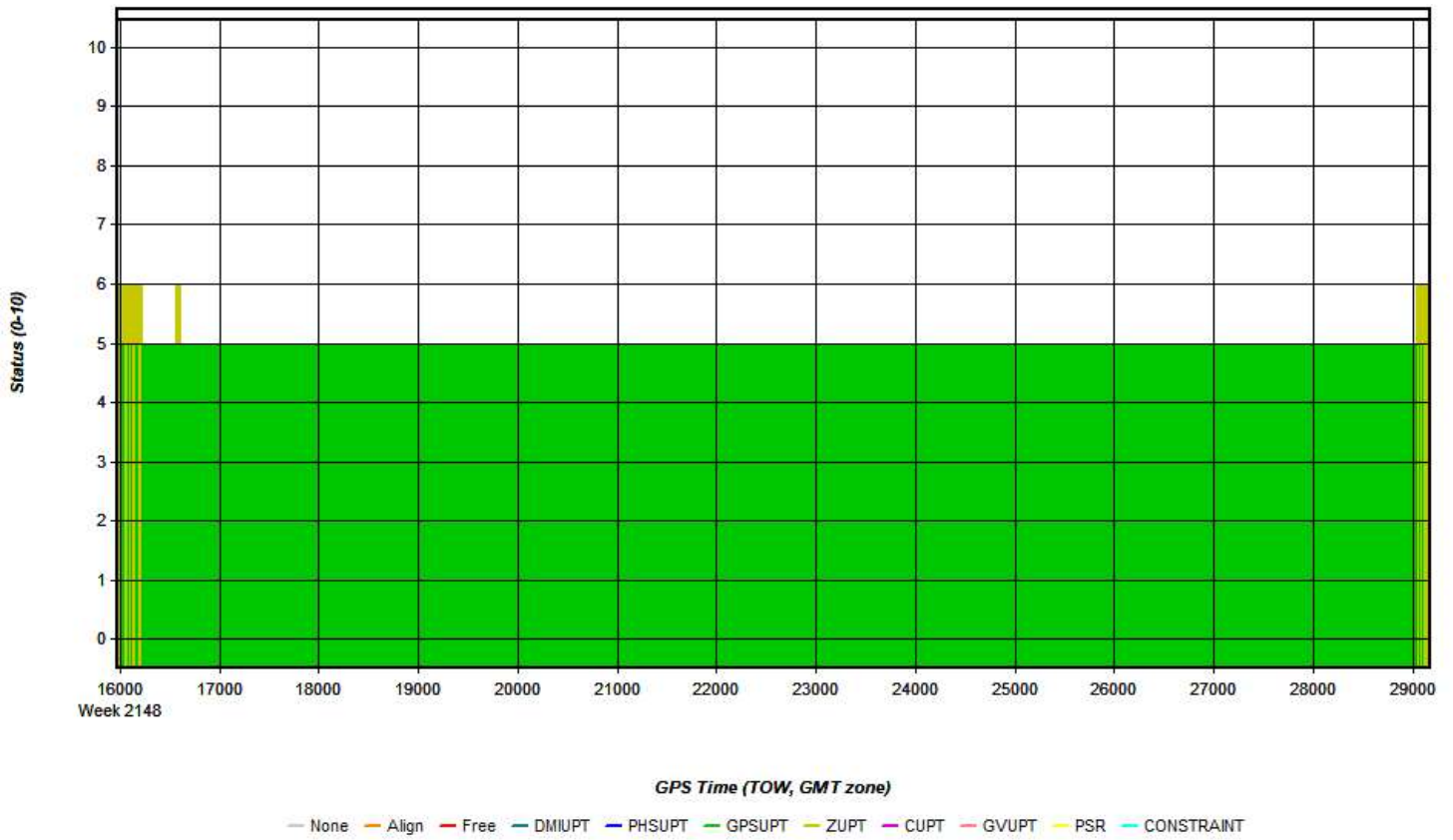
Process	20210307_042438_4	by Unknown	on 3/10/2021	at 17:01:19
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Figure 7: 20210307_042438_4 [Smoothed TC Combined] - Number of Satellites Line Plot



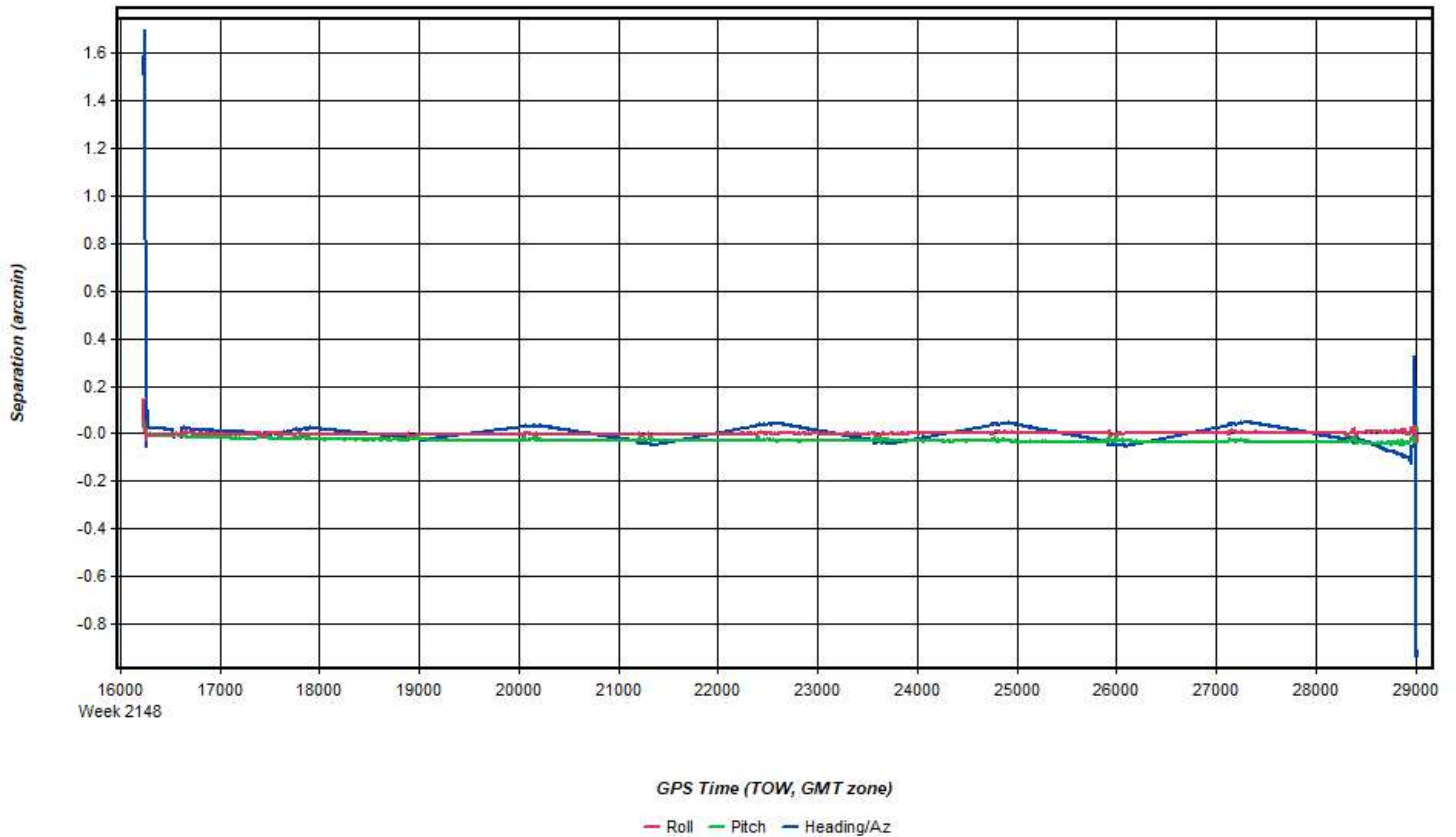
Process	20210307_042438_4	by Unknown	on 3/10/2021	at 17:01:19
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Figure 8: 20210307_042438_4 [Smoothed TC Combined] - Status flag for IMU processing



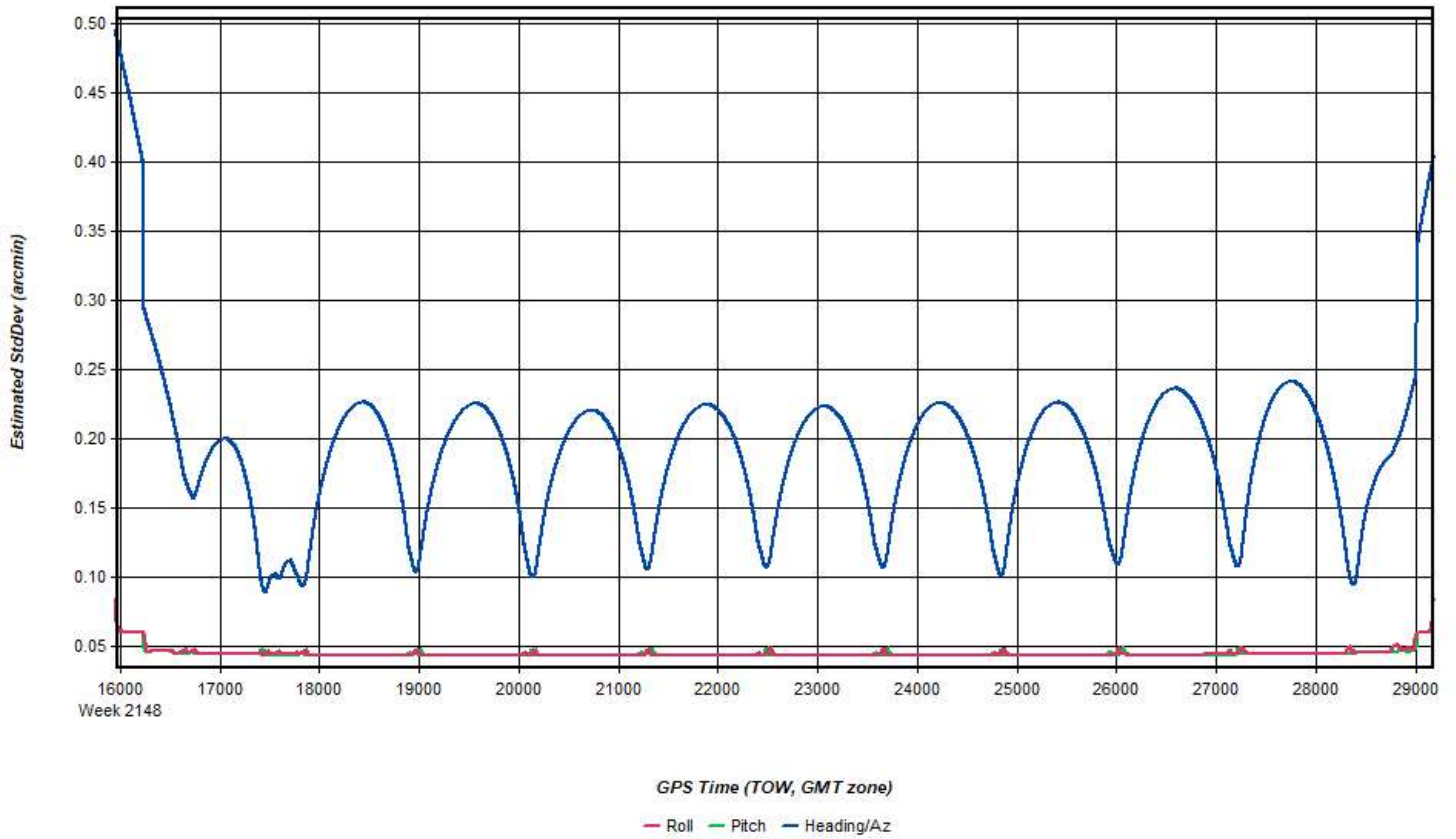
Process	20210307_042438_4	by Unknown	on 3/10/2021	at 17:01:19
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Figure 9: 20210307_042438_4 [Smoothed TC Combined] - Fwd/Rev Attitude Separation Plot



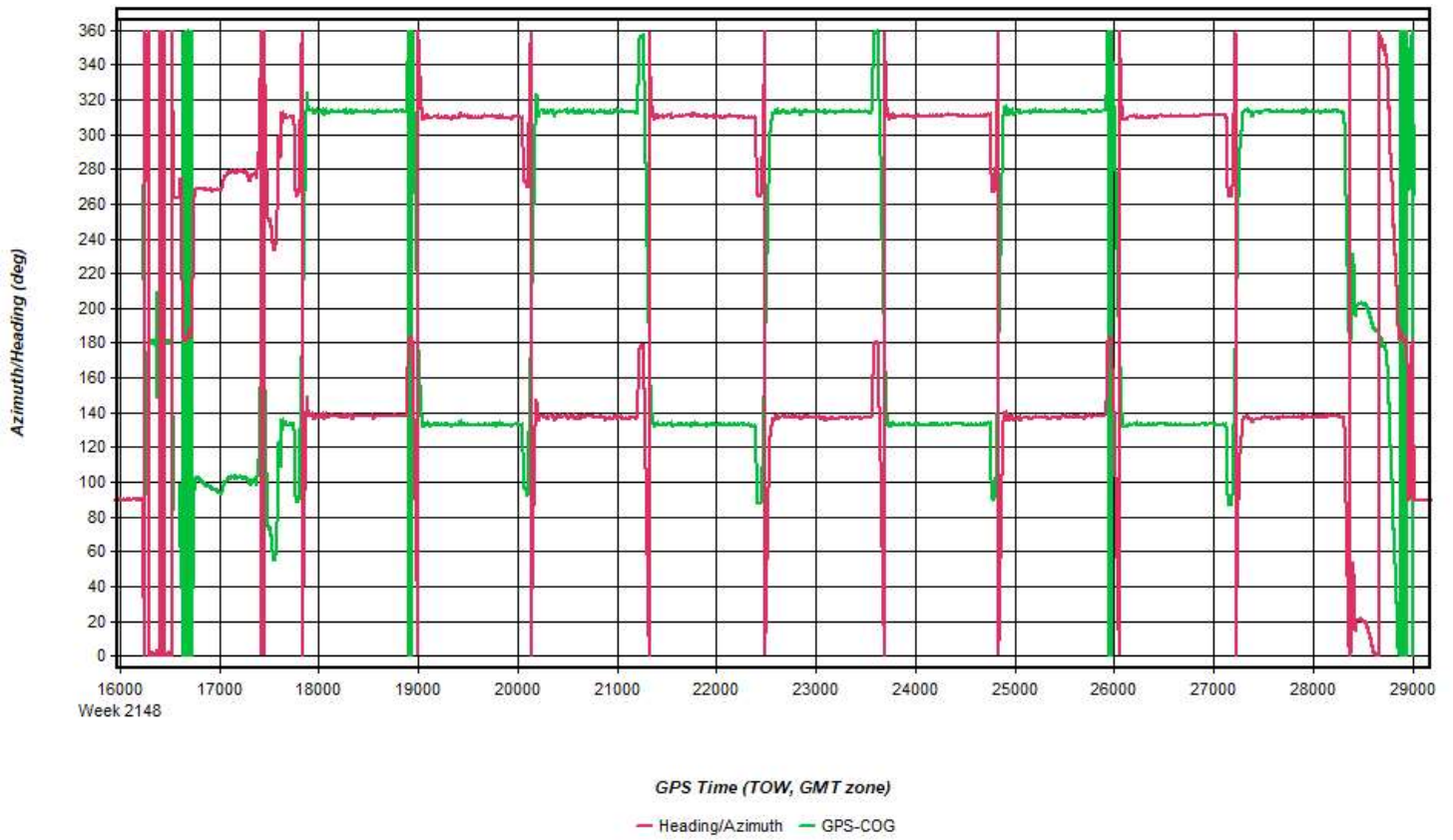
Process	20210307_042438_4	by Unknown	on 3/10/2021	at 17:01:19
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Figure 10: 20210307_042438_4 [Smoothed TC Combined] - Estimated Attitude Accuracy Plot



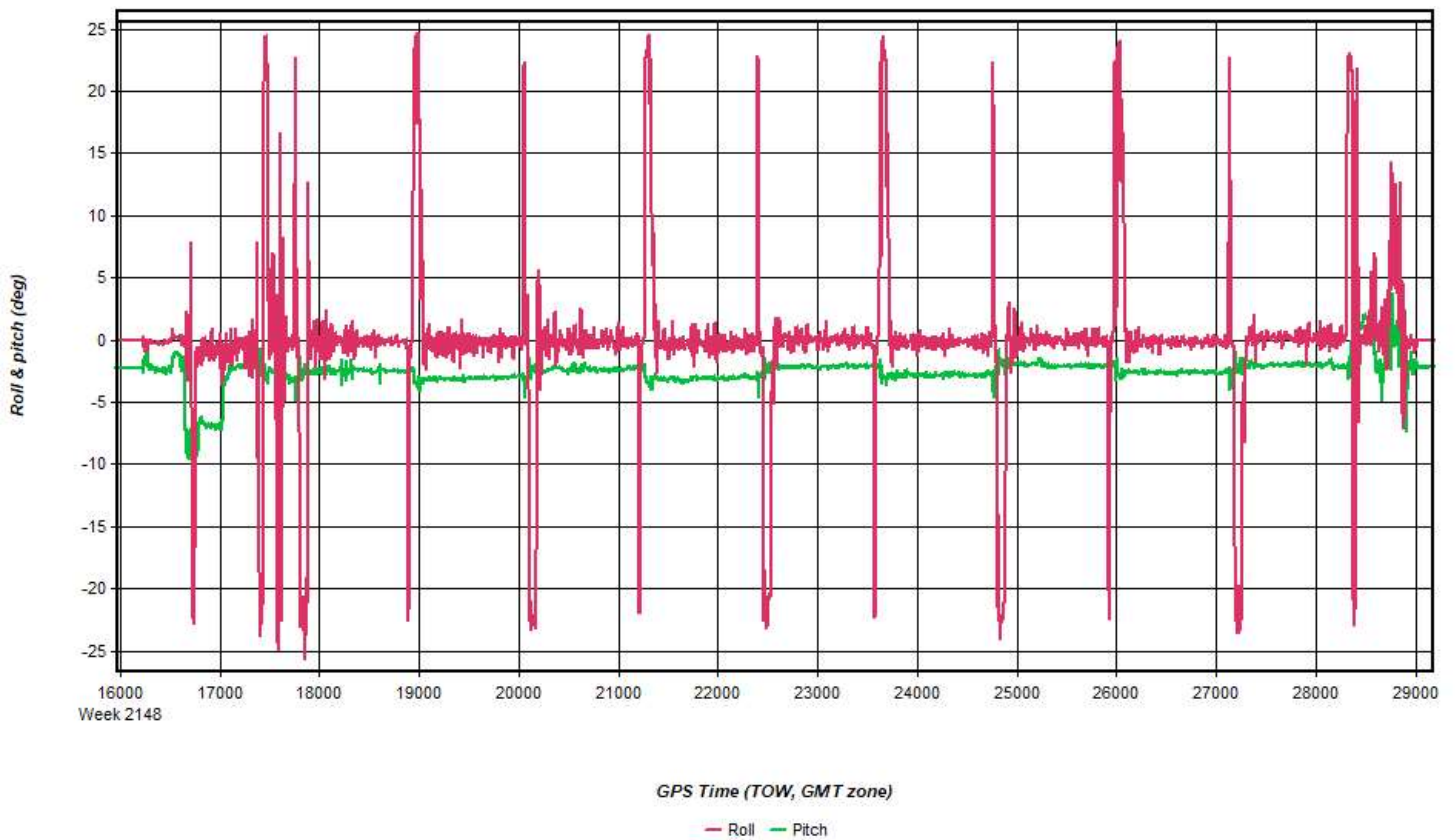
Process	20210307_042438_4	by Unknown	on 3/10/2021	at 17:01:19
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Figure 11: 20210307_042438_4 [Smoothed TC Combined] - Azimuth Plot



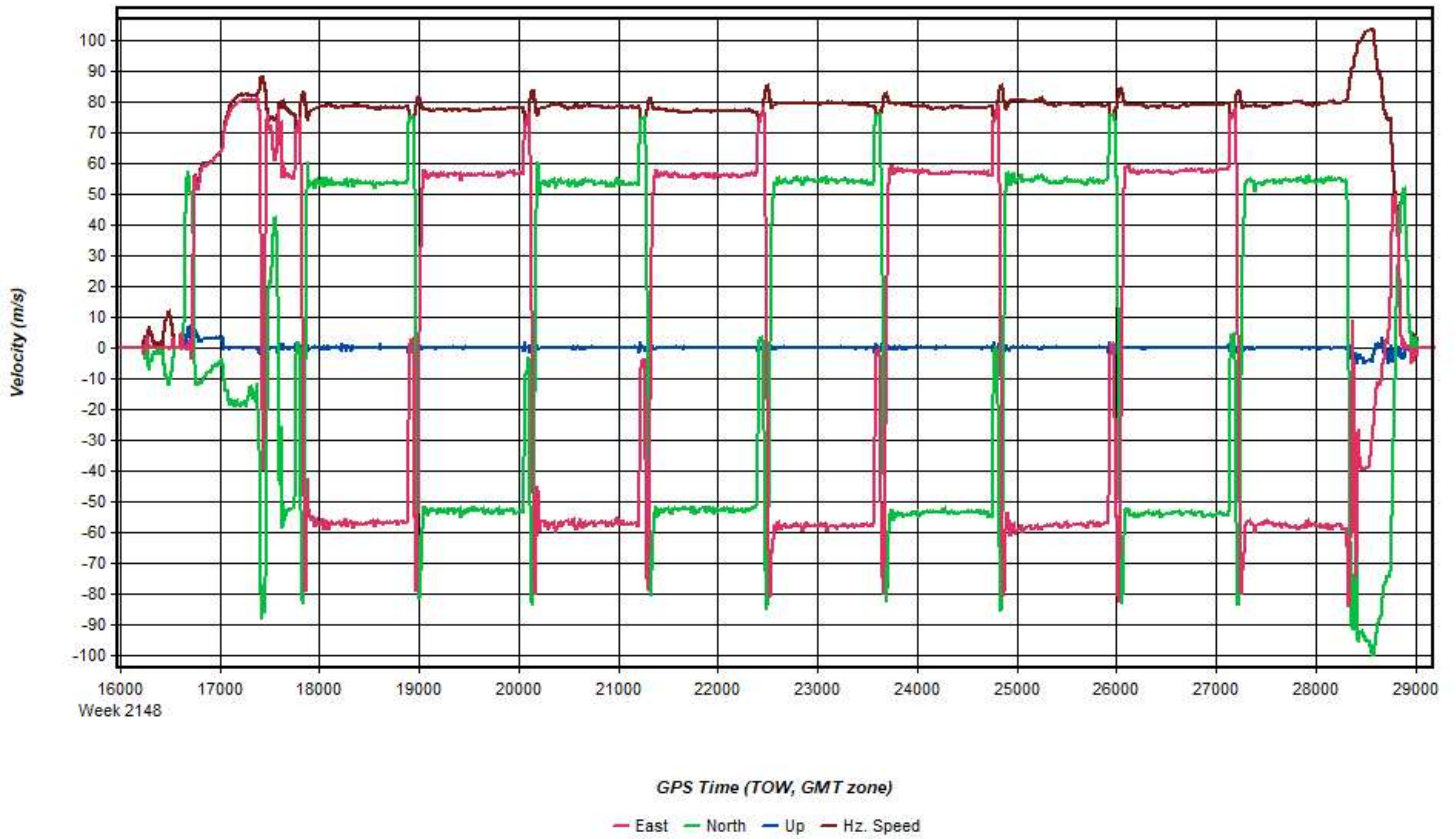
Process	20210307_042438_4	by Unknown	on 3/10/2021	at 17:01:19
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Figure 12: 20210307_042438_4 [Smoothed TC Combined] - Roll & Pitch Plot



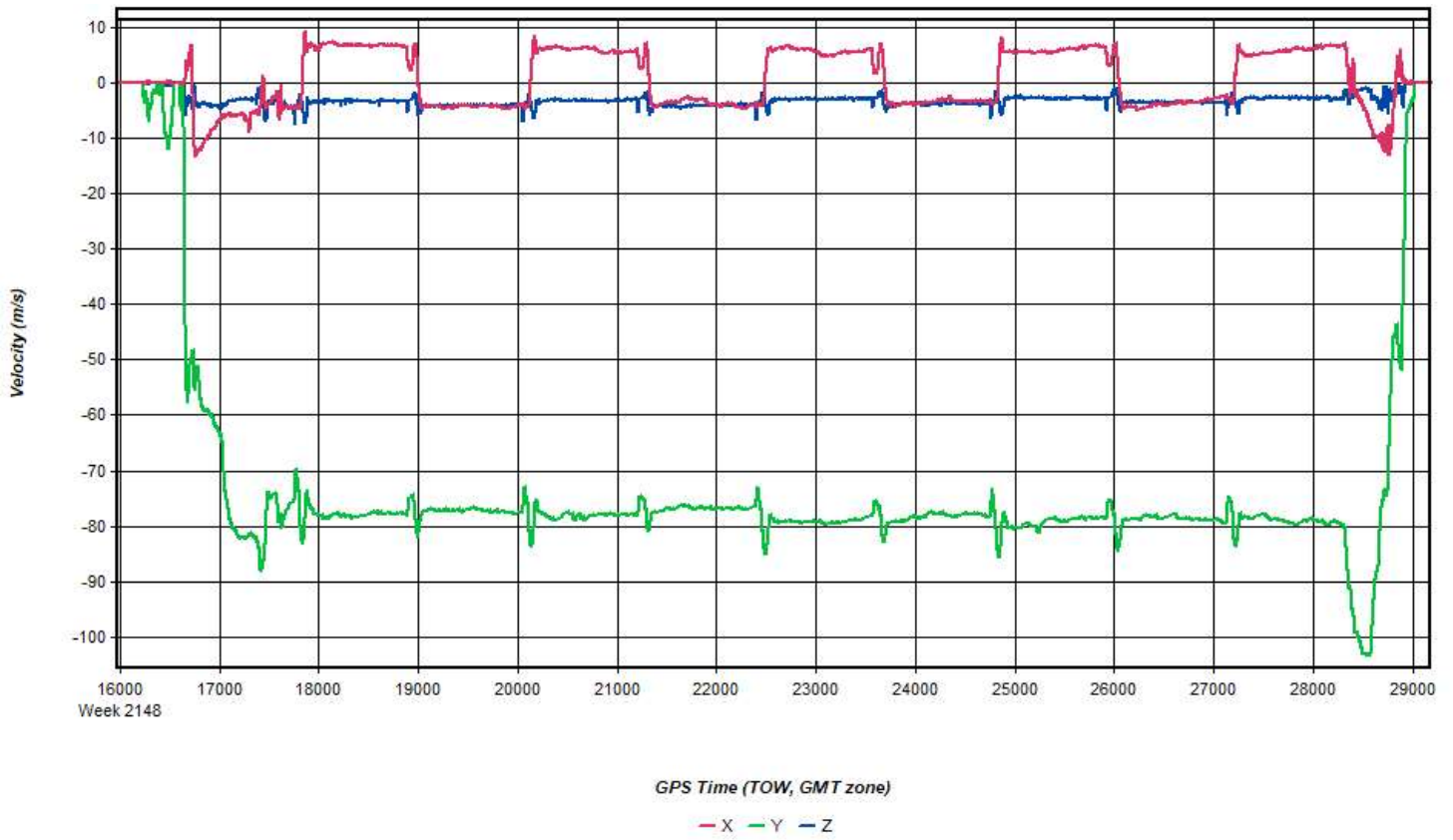
Process	20210307_042438_4	by Unknown	on 3/10/2021	at 17:01:19
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Figure 13: 20210307_042438_4 [Smoothed TC Combined] - Velocity Profile Plot



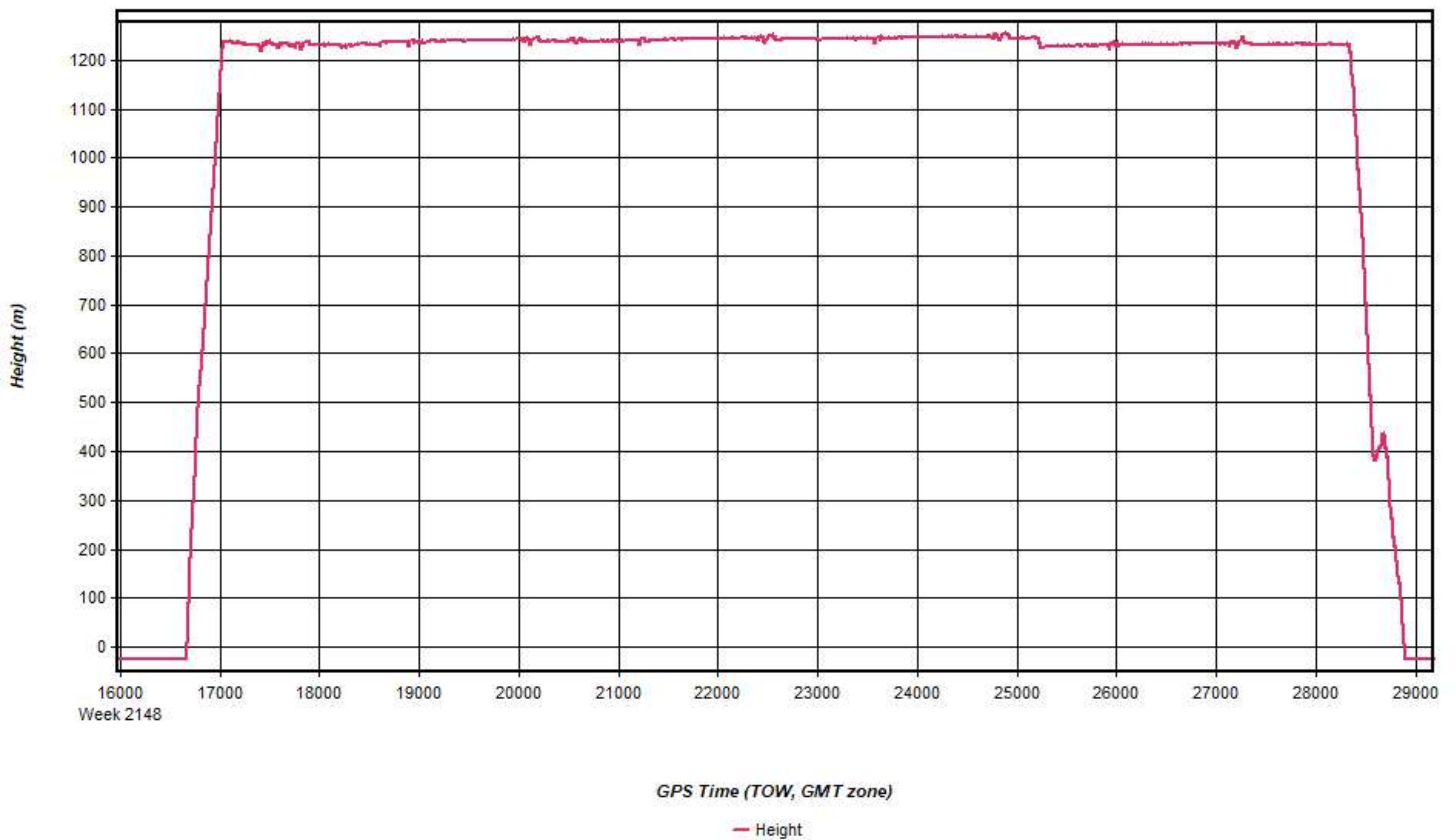
Process	20210307_042438_4	by Unknown	on 3/10/2021	at 17:01:19
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Figure 14: 20210307_042438_4 [Smoothed TC Combined] - Body Frame Velocity Plot



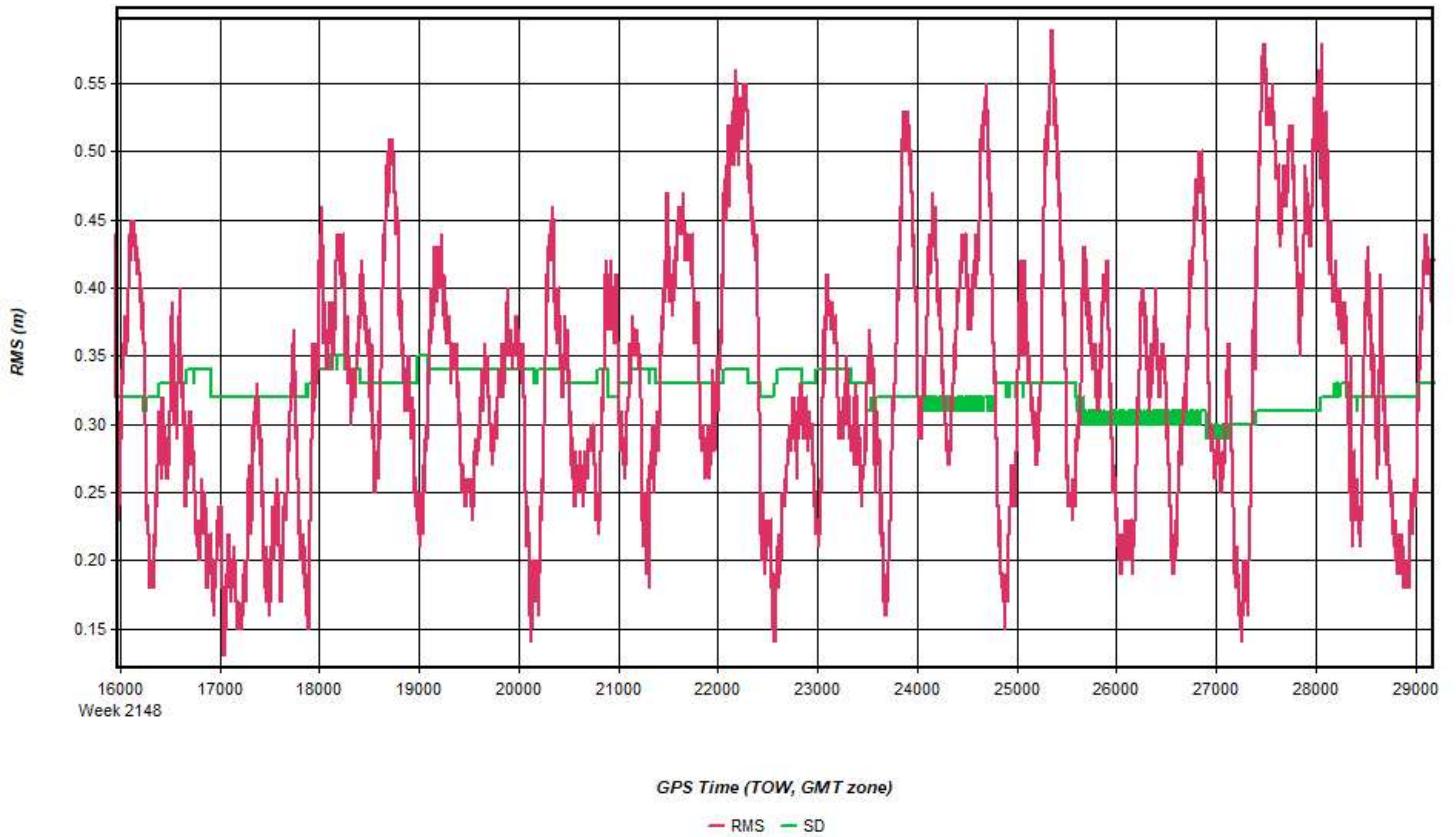
Process	20210307_042438_4	by Unknown	on 3/10/2021	at 17:01:19
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Figure 15: 20210307_042438_4 [Smoothed TC Combined] - Height Profile Plot



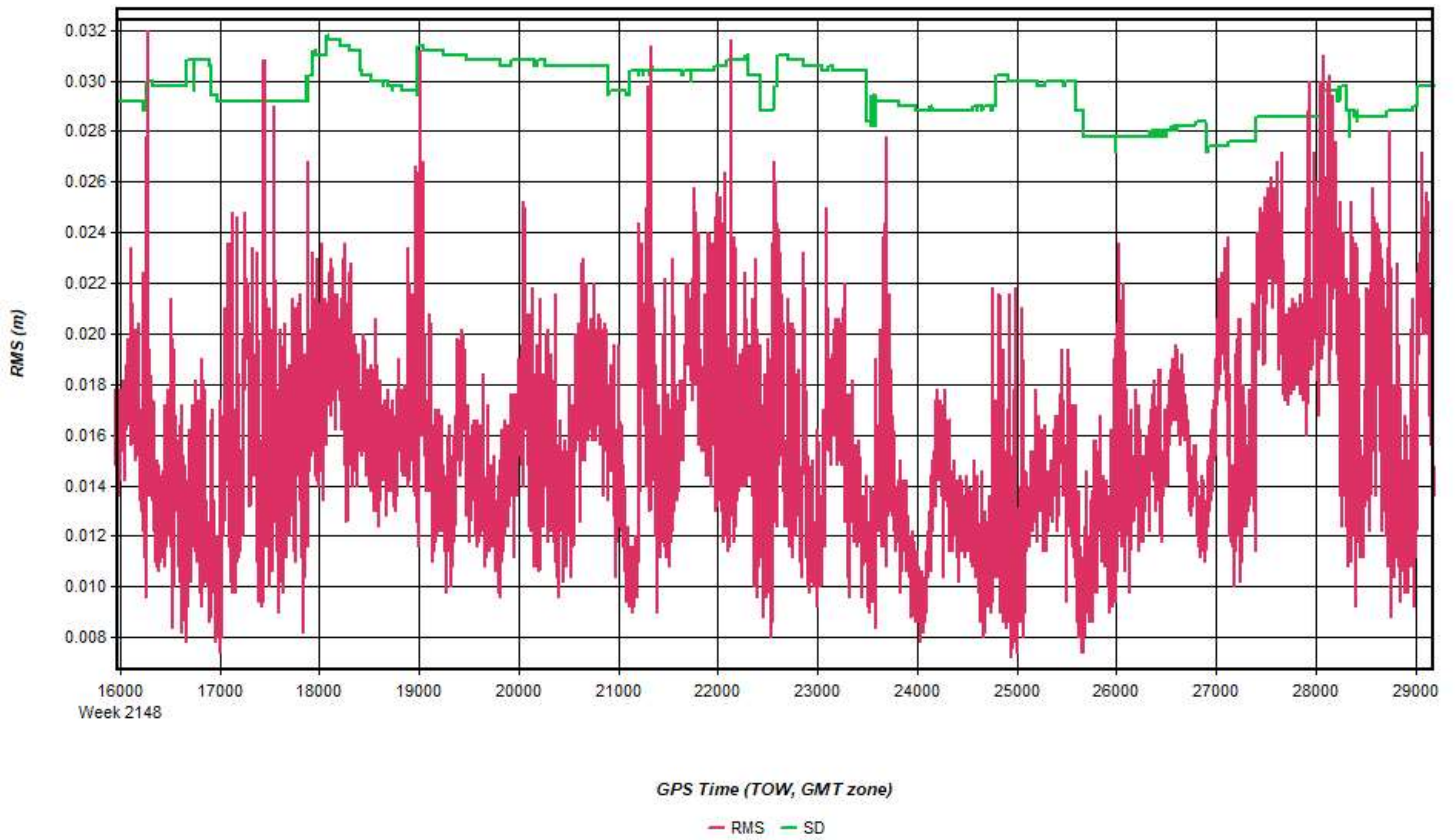
Process	20210307_042438_4	by Unknown	on 3/10/2021	at 17:01:19
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Figure 16: 20210307_042438_4 [Smoothed TC Combined] - C/A Code Residual RMS Plot



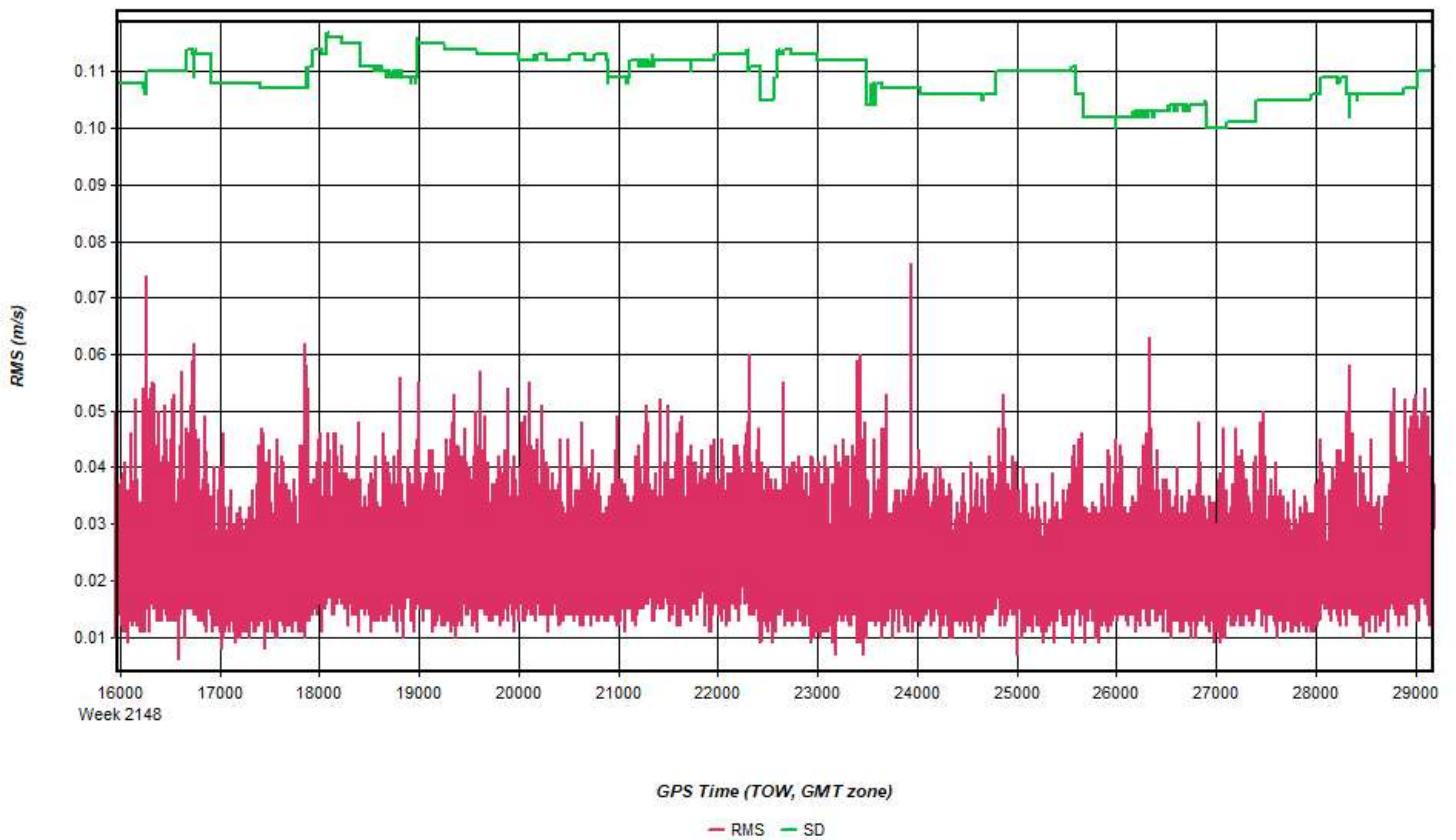
Process	20210307_042438_4	by Unknown	on 3/10/2021	at 17:01:19
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Figure 17: 20210307_042438_4 [Smoothed TC Combined] - Carrier Residual RMS Plot



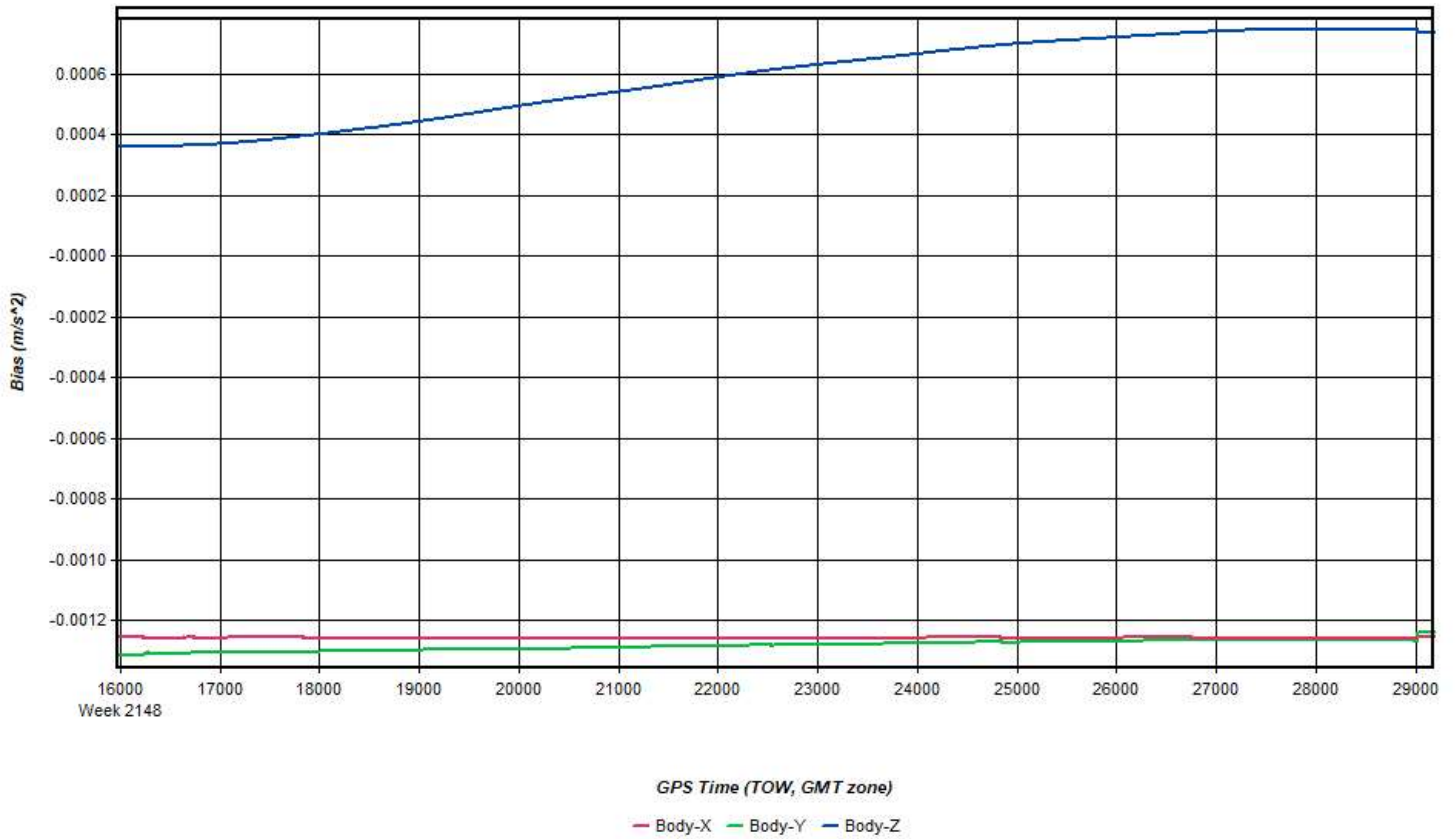
Process	20210307_042438_4	by Unknown	on 3/10/2021	at 17:01:19
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Figure 18: 20210307_042438_4 [Smoothed TC Combined] - Doppler Residual RMS Plot



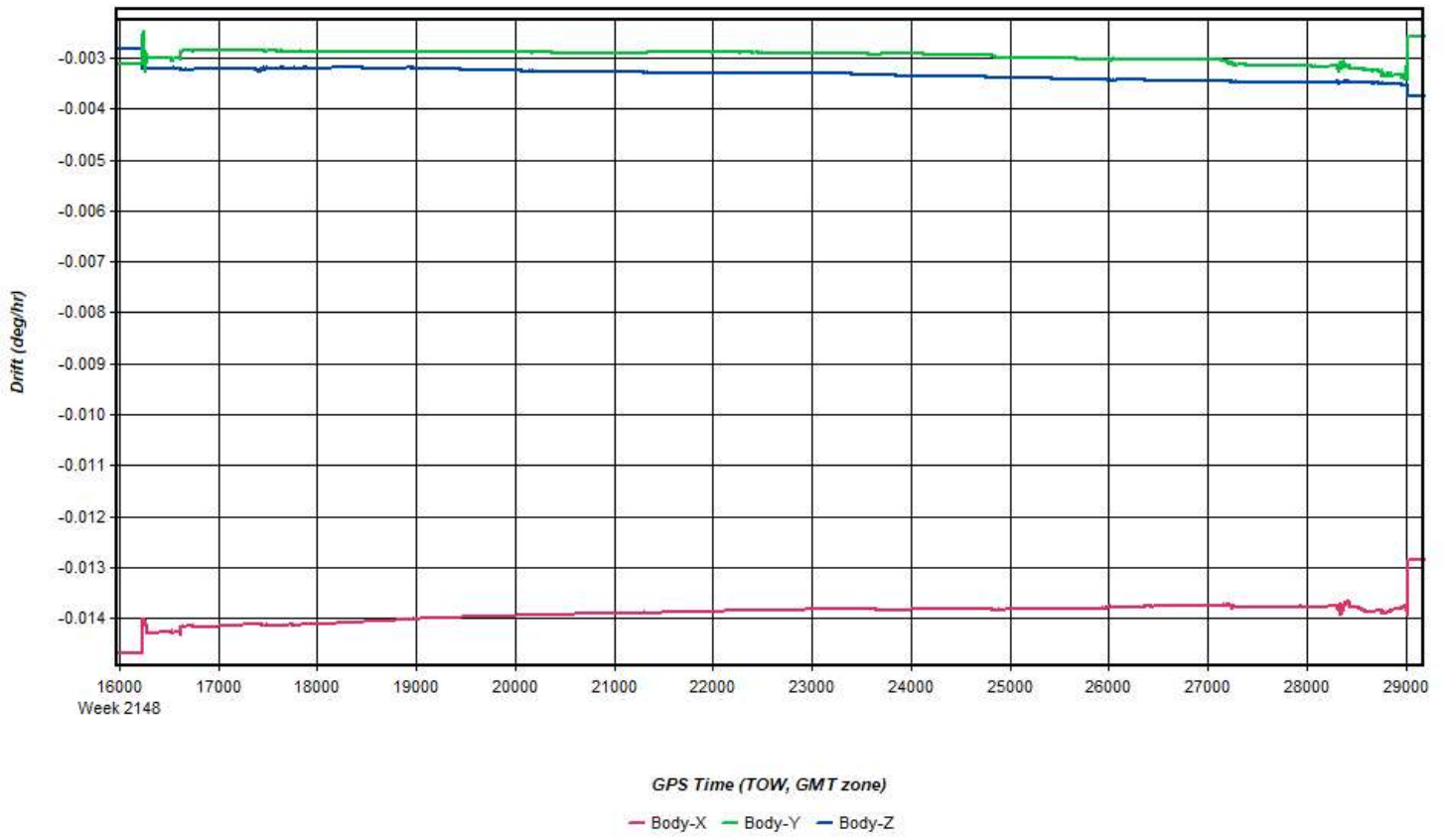
Process	20210307_042438_4	by Unknown	on 3/10/2021	at 17:01:19
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Figure 19: 20210307_042438_4 [Smoothed TC Combined] - Accelerometer Bias Plot



Process	20210307_042438_4	by Unknown	on 3/10/2021	at 17:01:19
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Figure 20: 20210307_042438_4 [Smoothed TC Combined] - Gyro Drift Plot

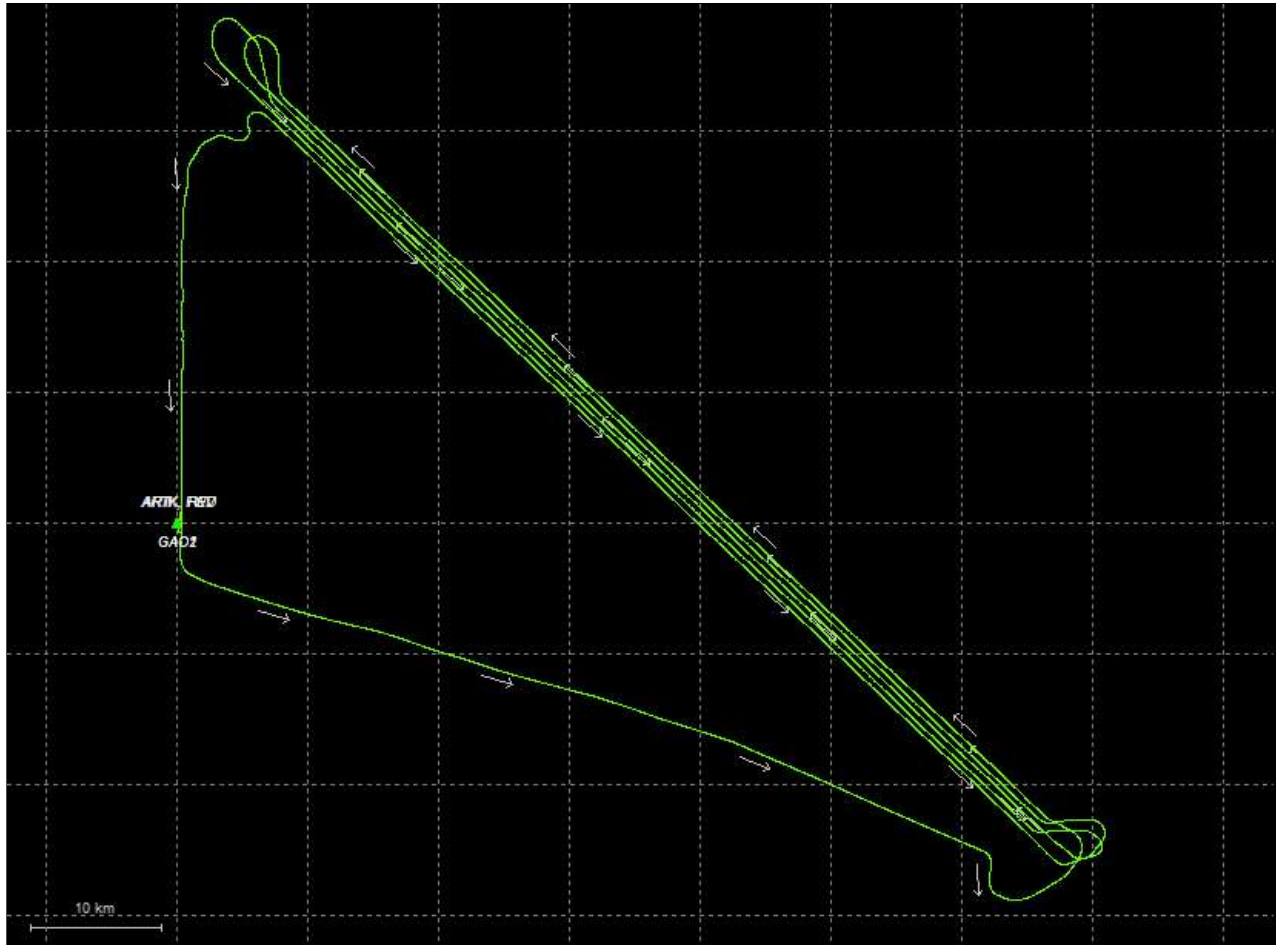


Process	20210307_042438_4	by Unknown	on 3/10/2021	at 17:01:19
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Output Results for 20210310_081107_5

Inertial Explorer Version 8.90.2124
03/18/2021

Figure 1: Smoothed TC Combined - Map



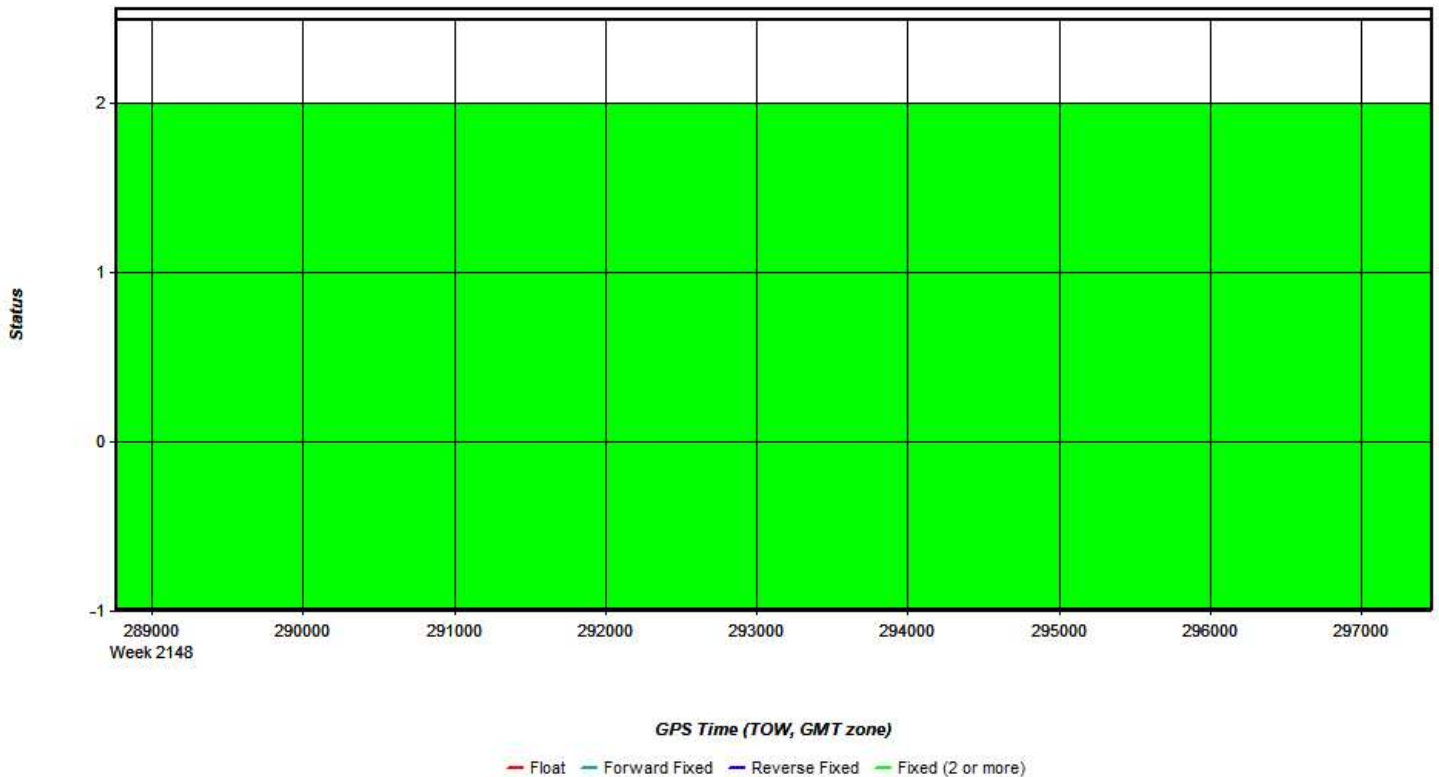
Process	20210310_081107_5	by Unknown	on 3/18/2021	at 12:46:14
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Figure 2: 20210310_081107_5 [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot



Process	20210310_081107_5	by Unknown	on 3/18/2021	at 12:46:14
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Figure 3: 20210310_081107_5 [Smoothed TC Combined] - Float or Fixed Ambiguity



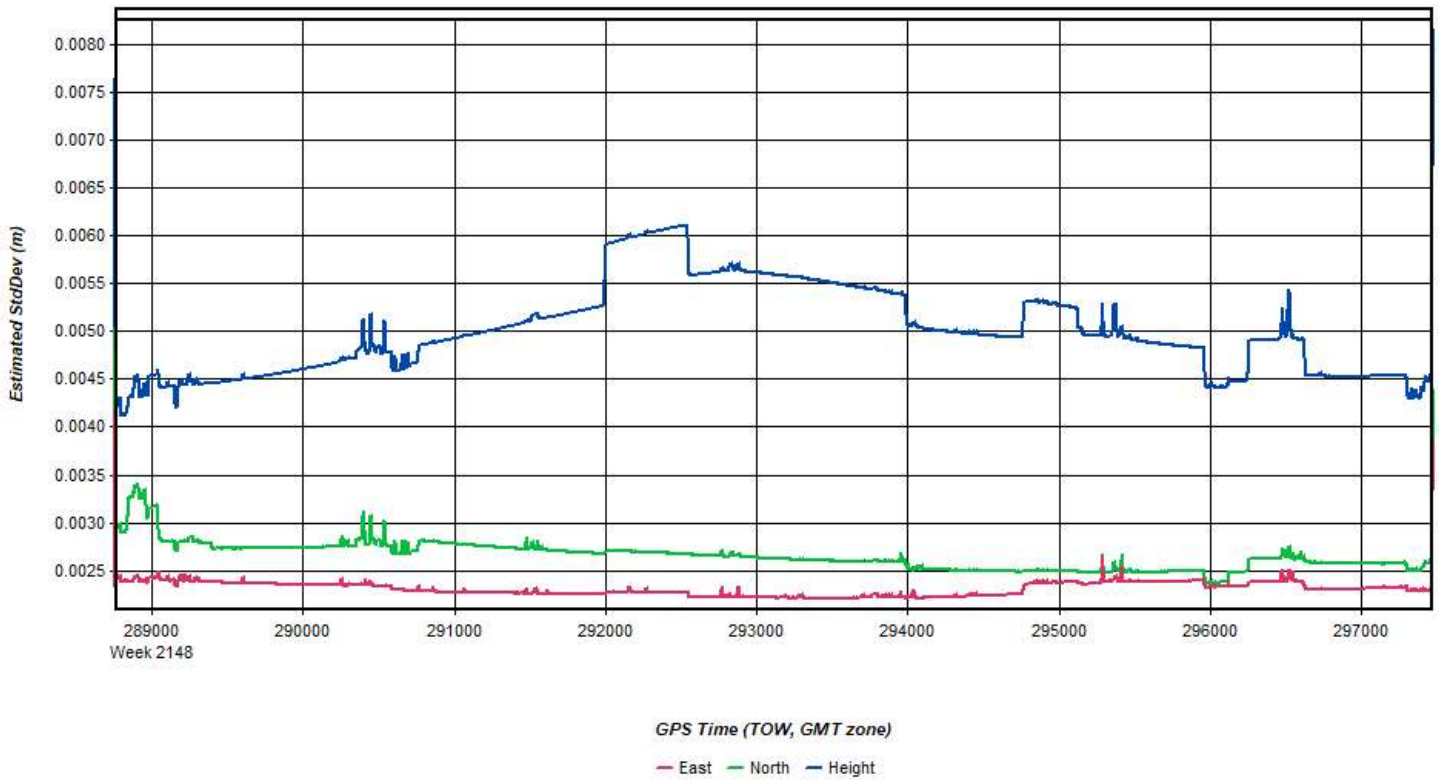
Process	20210310_081107_5	by Unknown	on 3/18/2021	at 12:46:14
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Figure 4: 20210310_081107_5 [Smoothed TC Combined] - Forward/Reverse Separation Plot (Fixed)



Process	20210310_081107_5	by Unknown	on 3/18/2021	at 12:46:14
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Figure 5: 20210310_081107_5 [Smoothed TC Combined] - Estimated Position Accuracy Plot



Process	20210310_081107_5	by Unknown	on 3/18/2021	at 12:46:14
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Figure 6: 20210310_081107_5 [Smoothed TC Combined] - PDOP Plot



Figure 7: 20210310_081107_5 [Smoothed TC Combined] - Number of Satellites Line Plot

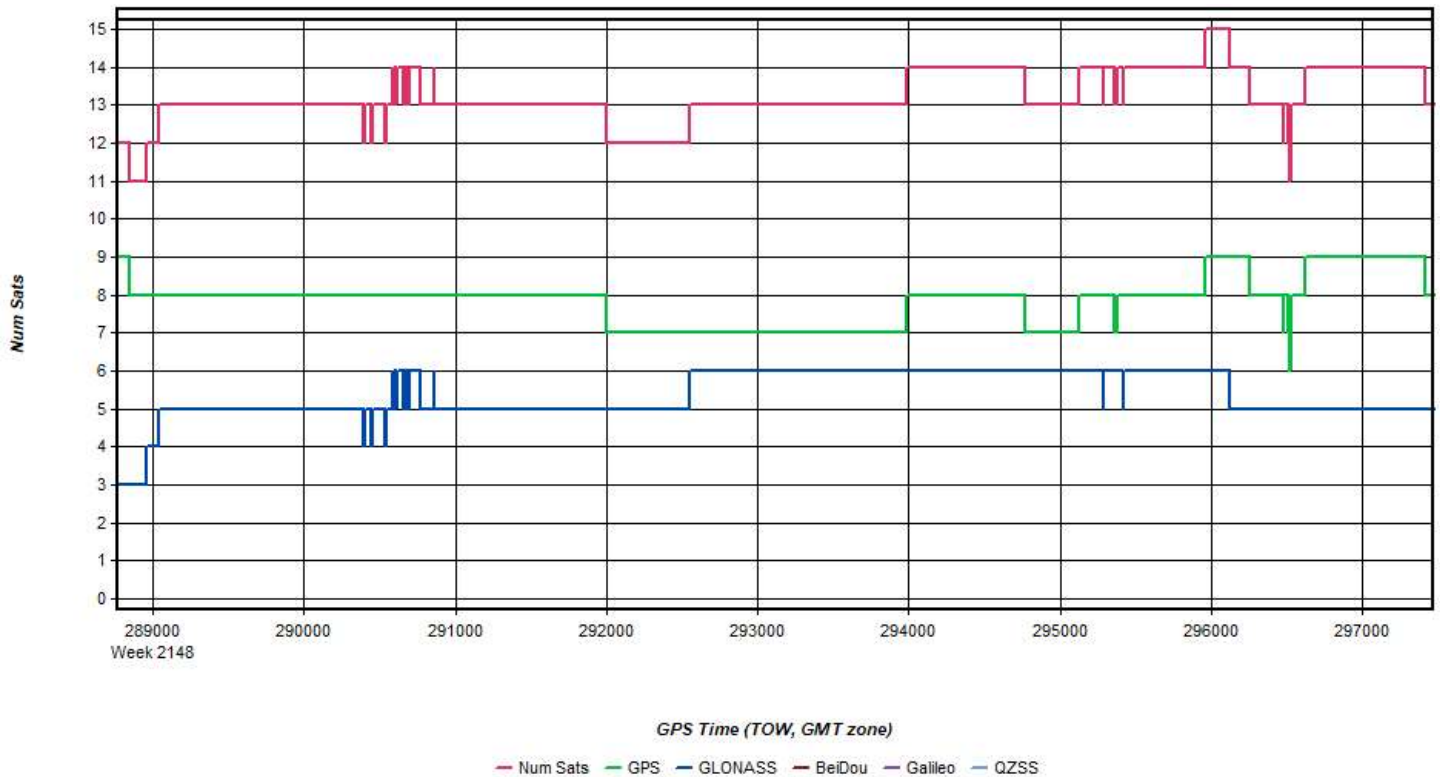


Figure 8: 20210310_081107_5 [Smoothed TC Combined] - Status flag for IMU processing

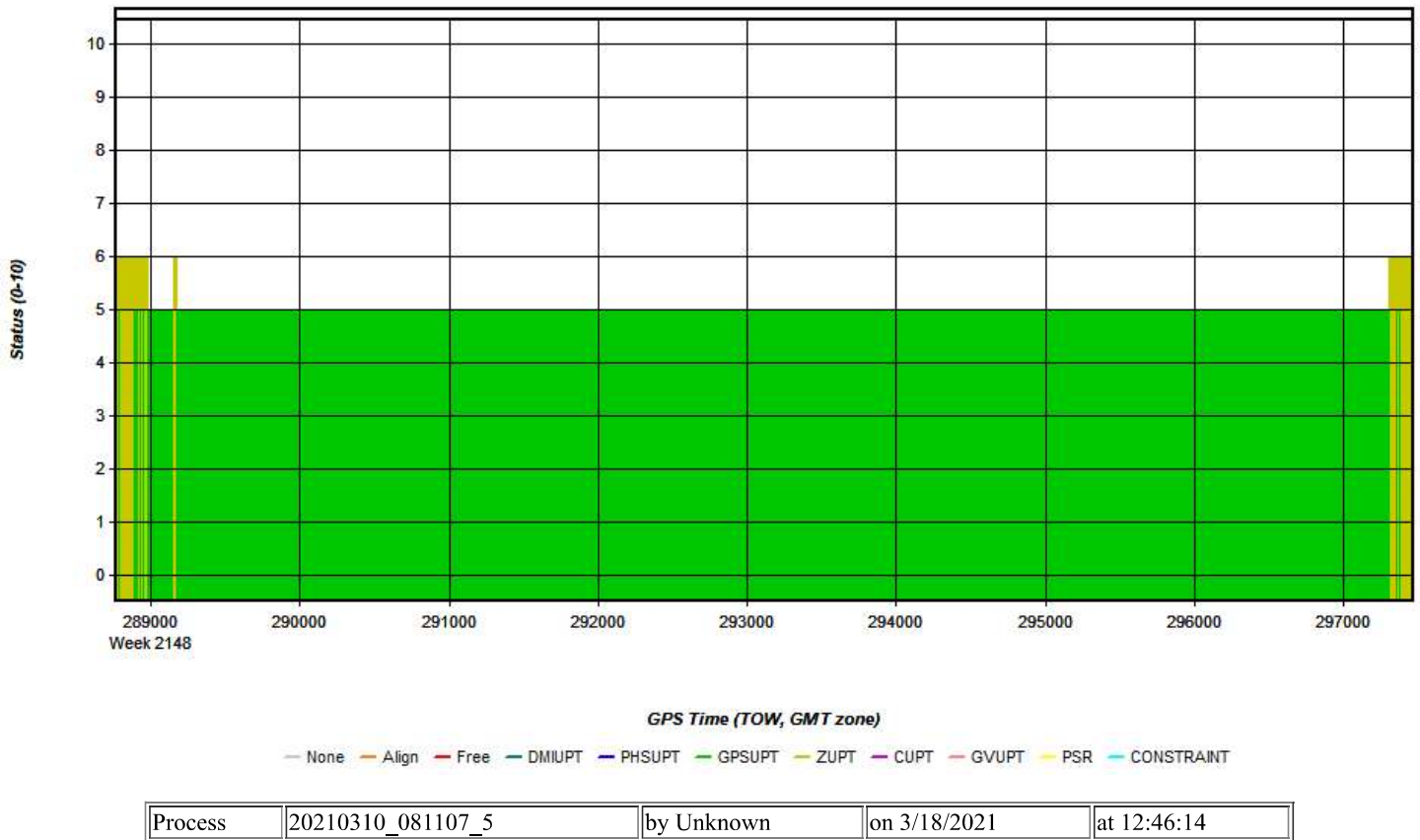


Figure 9: 20210310_081107_5 [Smoothed TC Combined] - Fwd/Rev Attitude Separation Plot

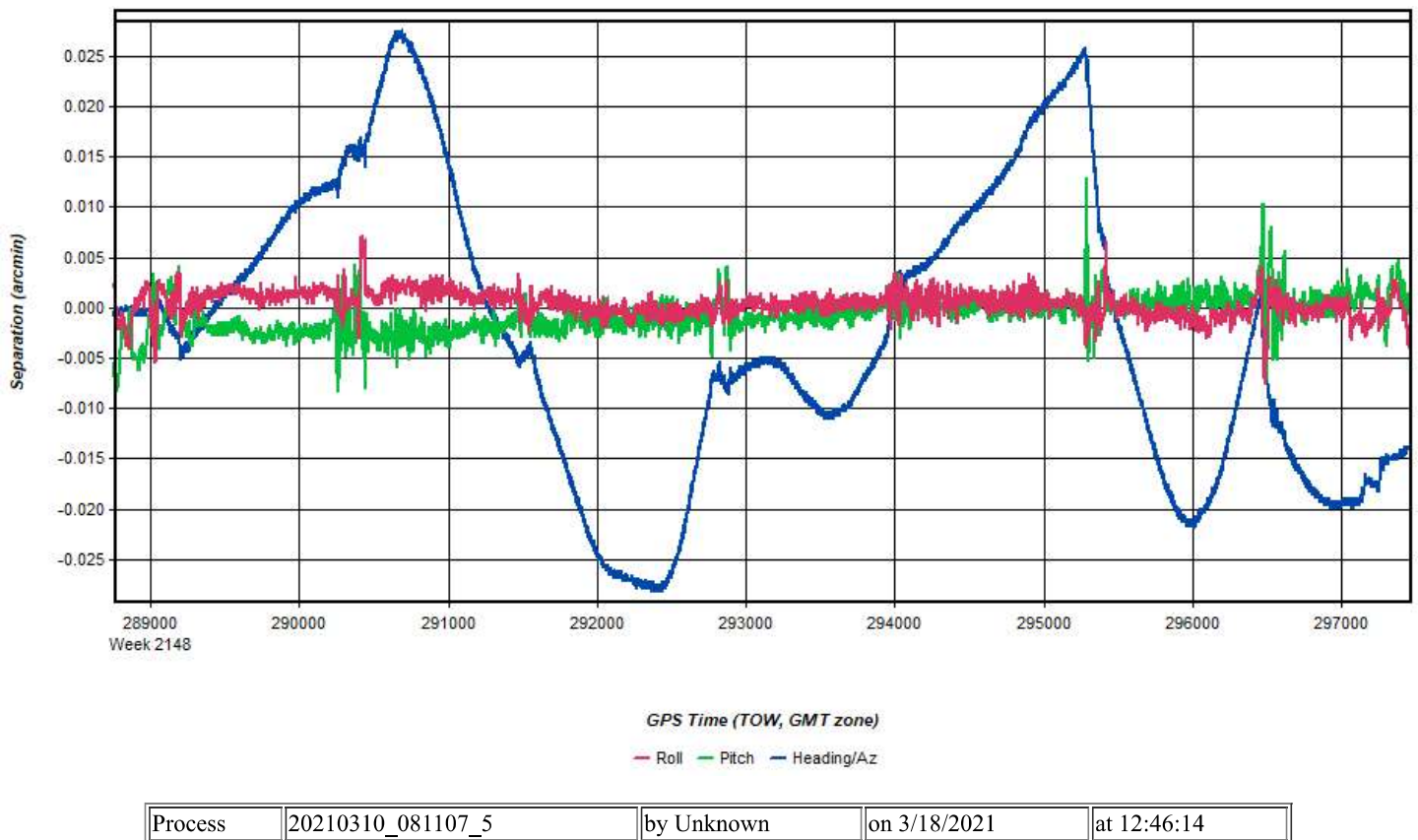
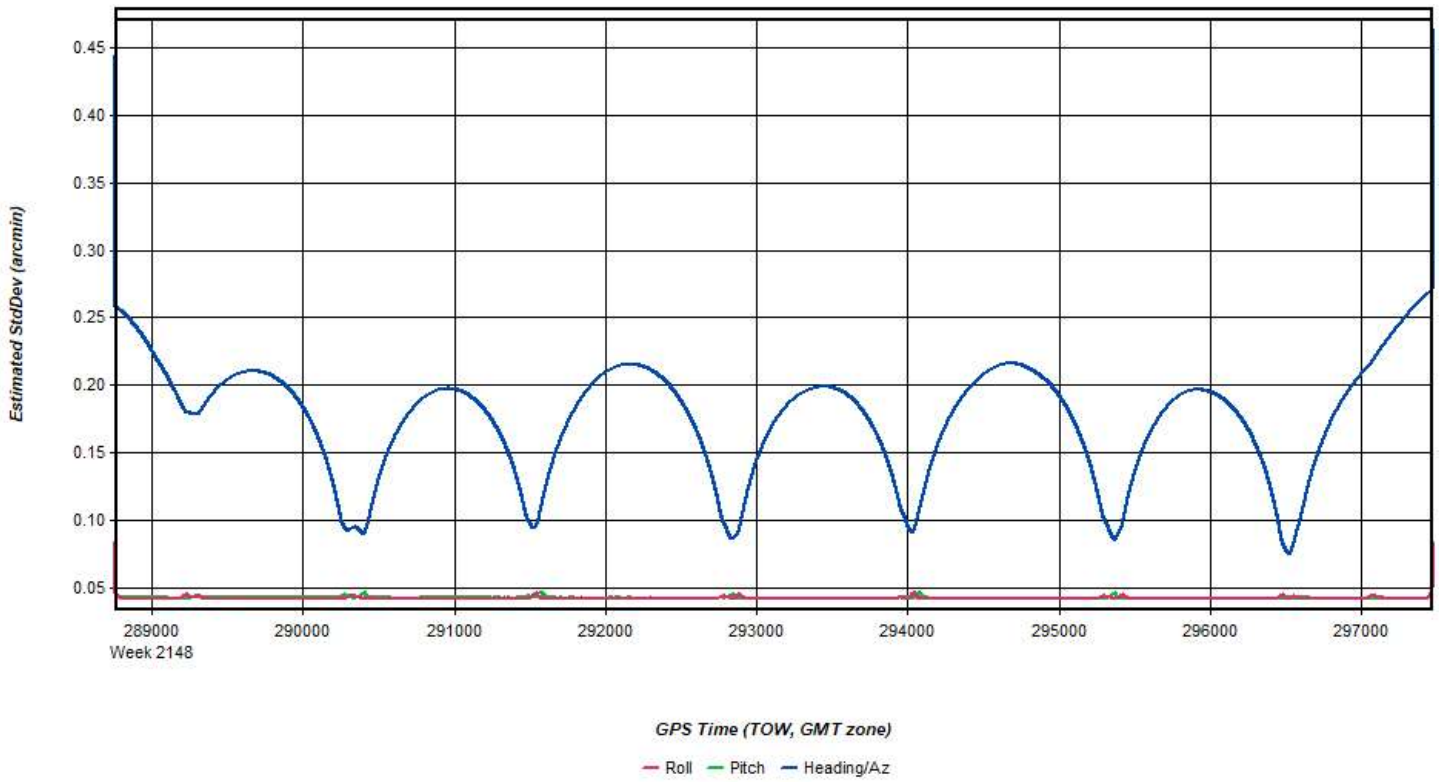
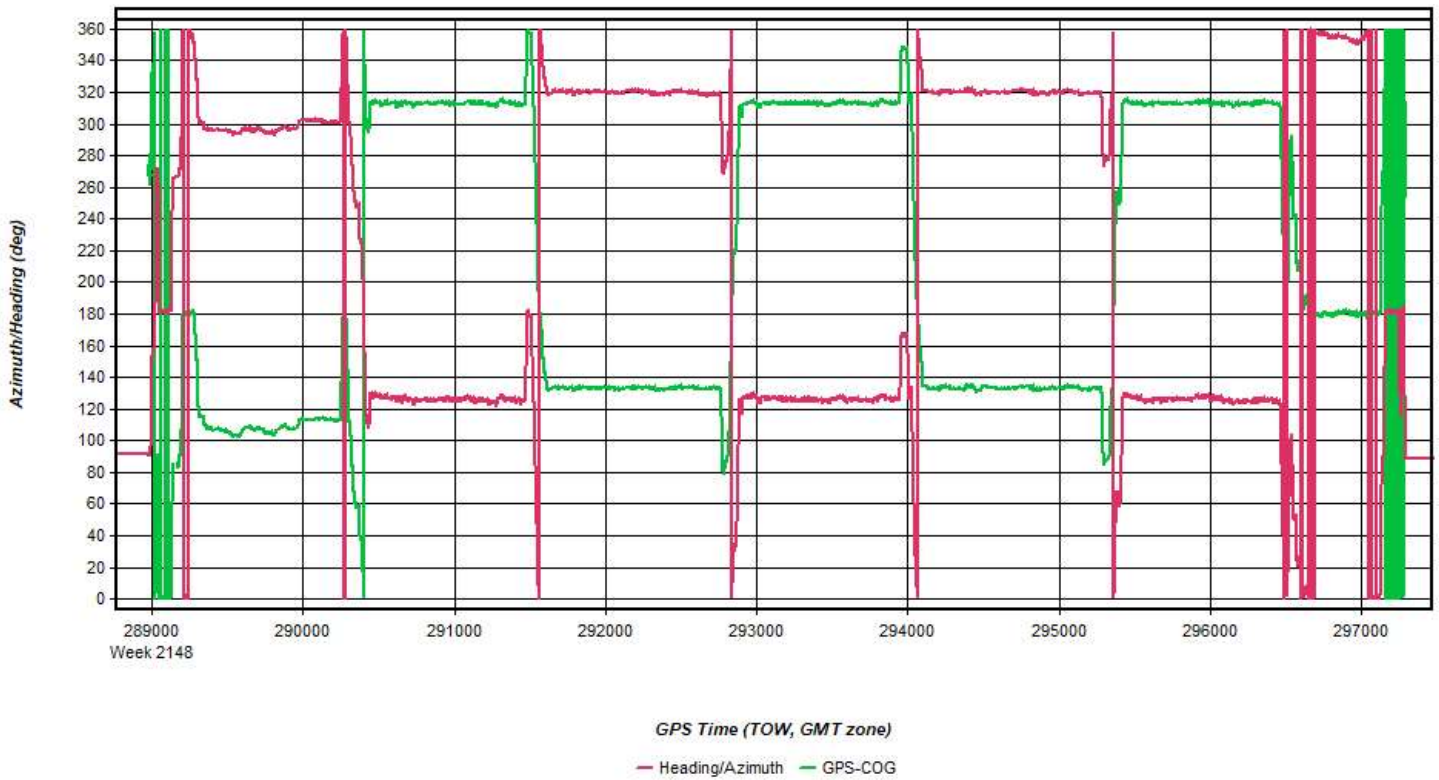


Figure 10: 20210310_081107_5 [Smoothed TC Combined] - Estimated Attitude Accuracy Plot



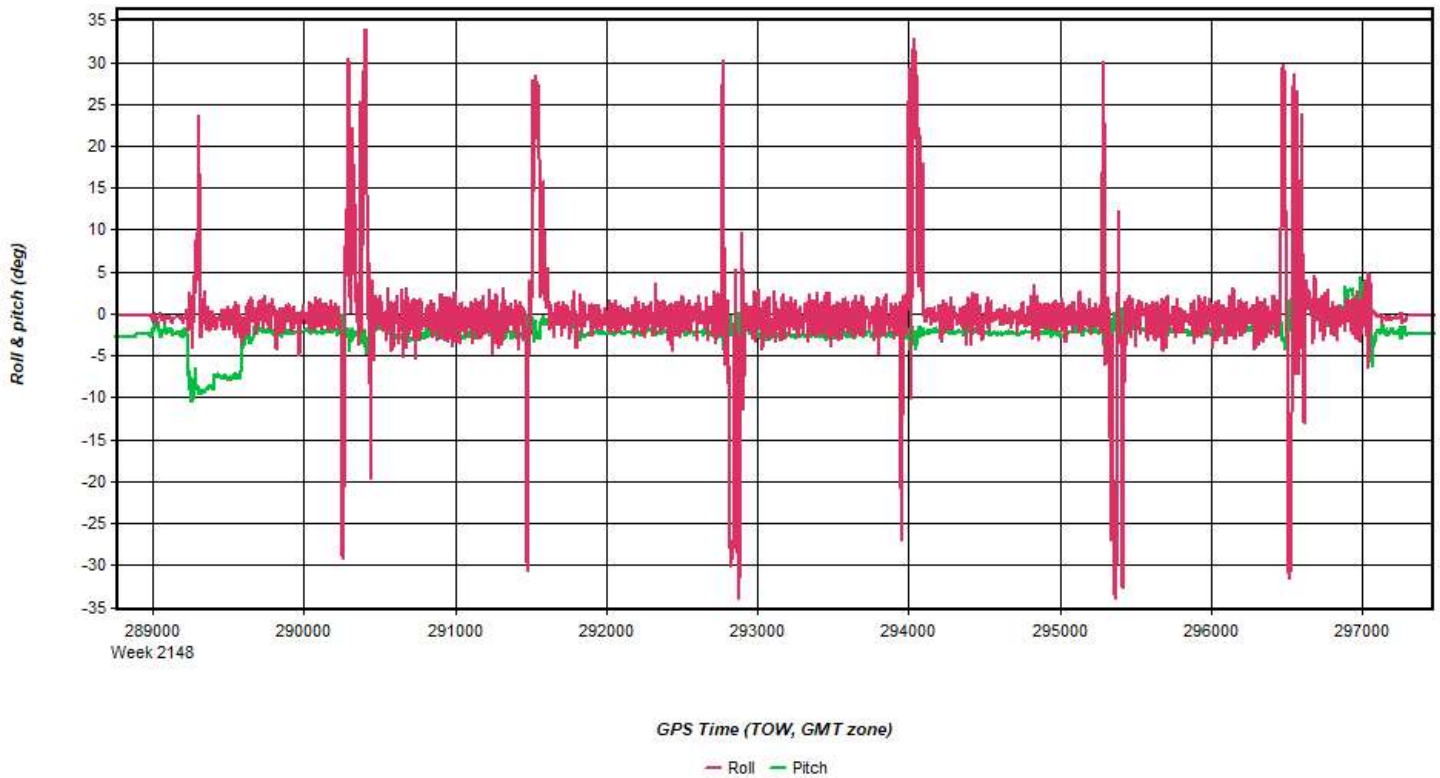
Process	20210310_081107_5	by Unknown	on 3/18/2021	at 12:46:14
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Figure 11: 20210310_081107_5 [Smoothed TC Combined] - Azimuth Plot



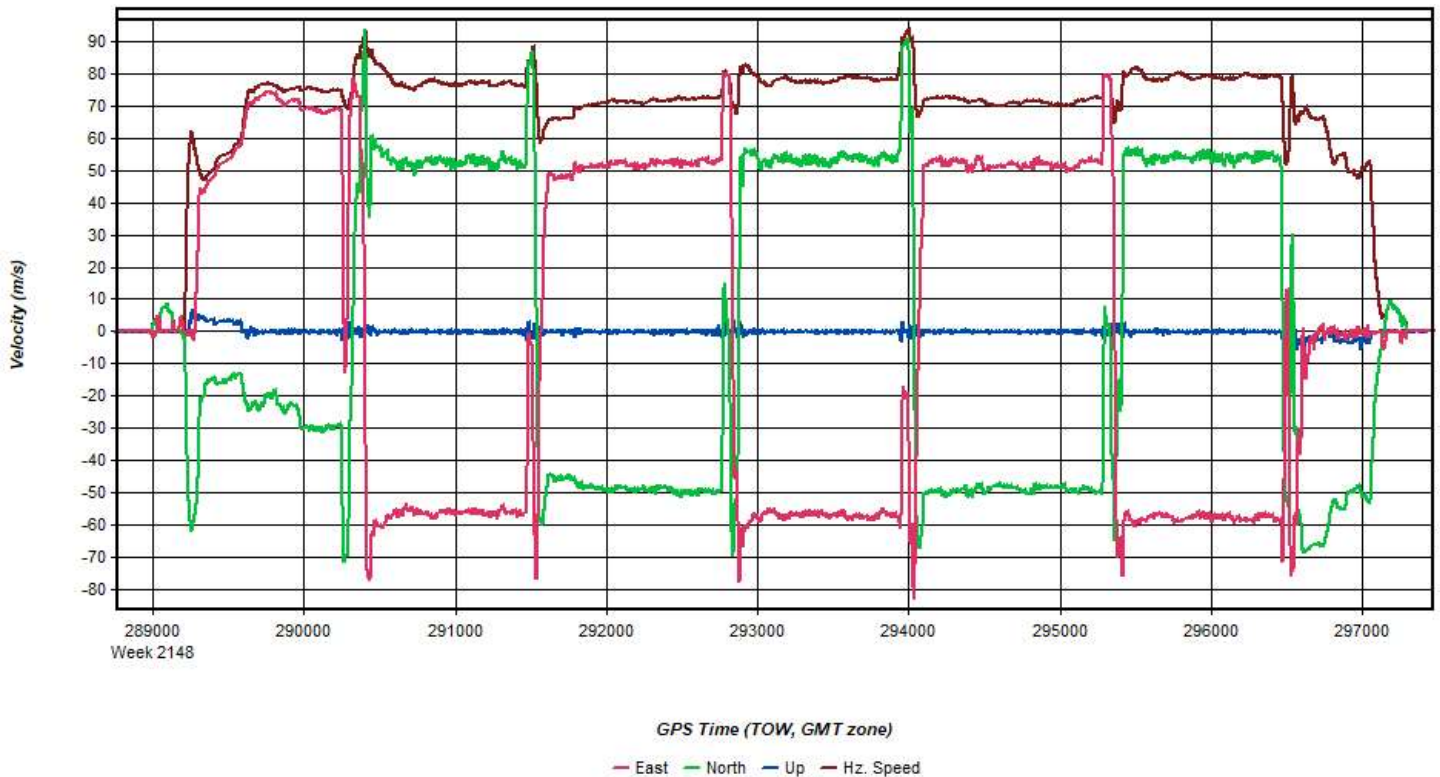
Process	20210310_081107_5	by Unknown	on 3/18/2021	at 12:46:14
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Figure 12: 20210310_081107_5 [Smoothed TC Combined] - Roll & Pitch Plot



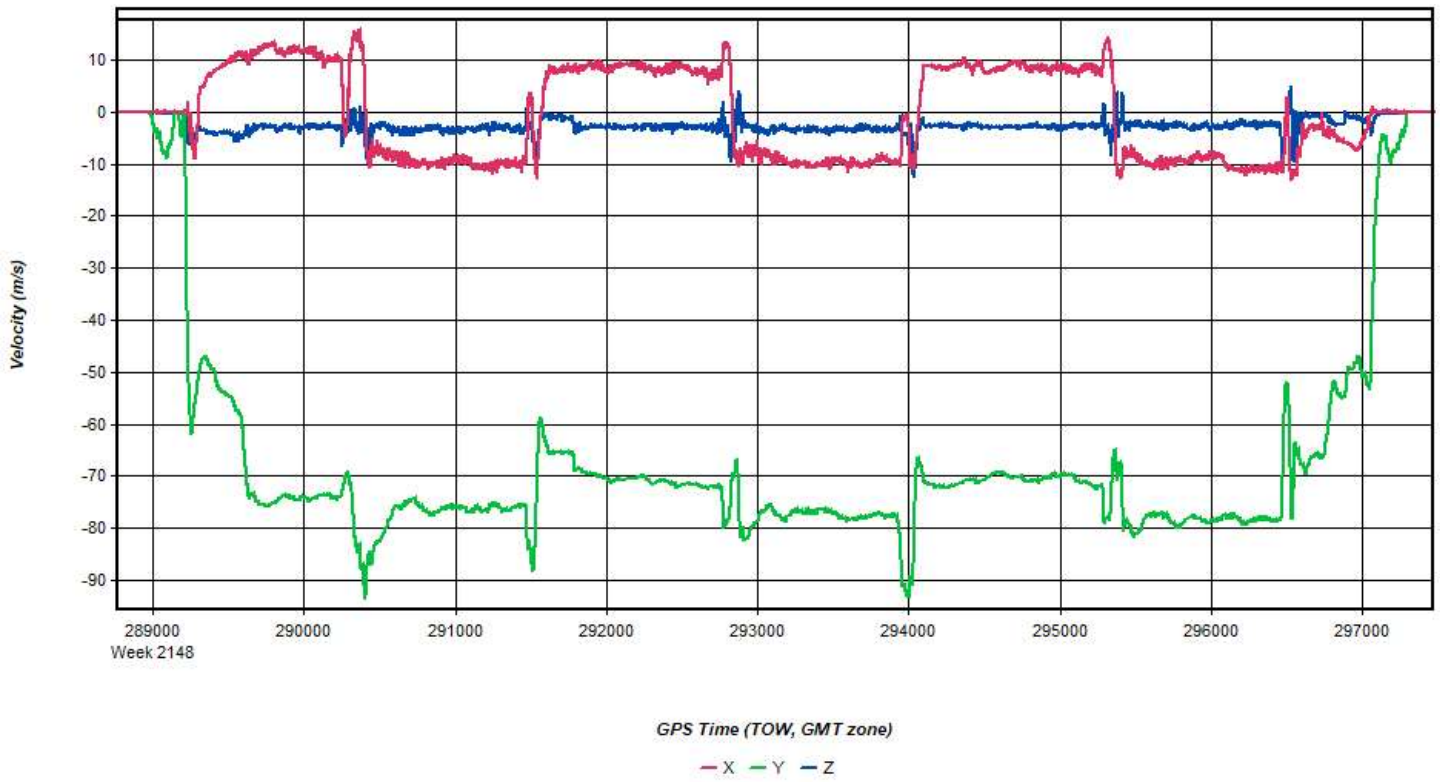
Process	20210310_081107_5	by Unknown	on 3/18/2021	at 12:46:14
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Figure 13: 20210310_081107_5 [Smoothed TC Combined] - Velocity Profile Plot



Process	20210310_081107_5	by Unknown	on 3/18/2021	at 12:46:14
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Figure 14: 20210310_081107_5 [Smoothed TC Combined] - Body Frame Velocity Plot



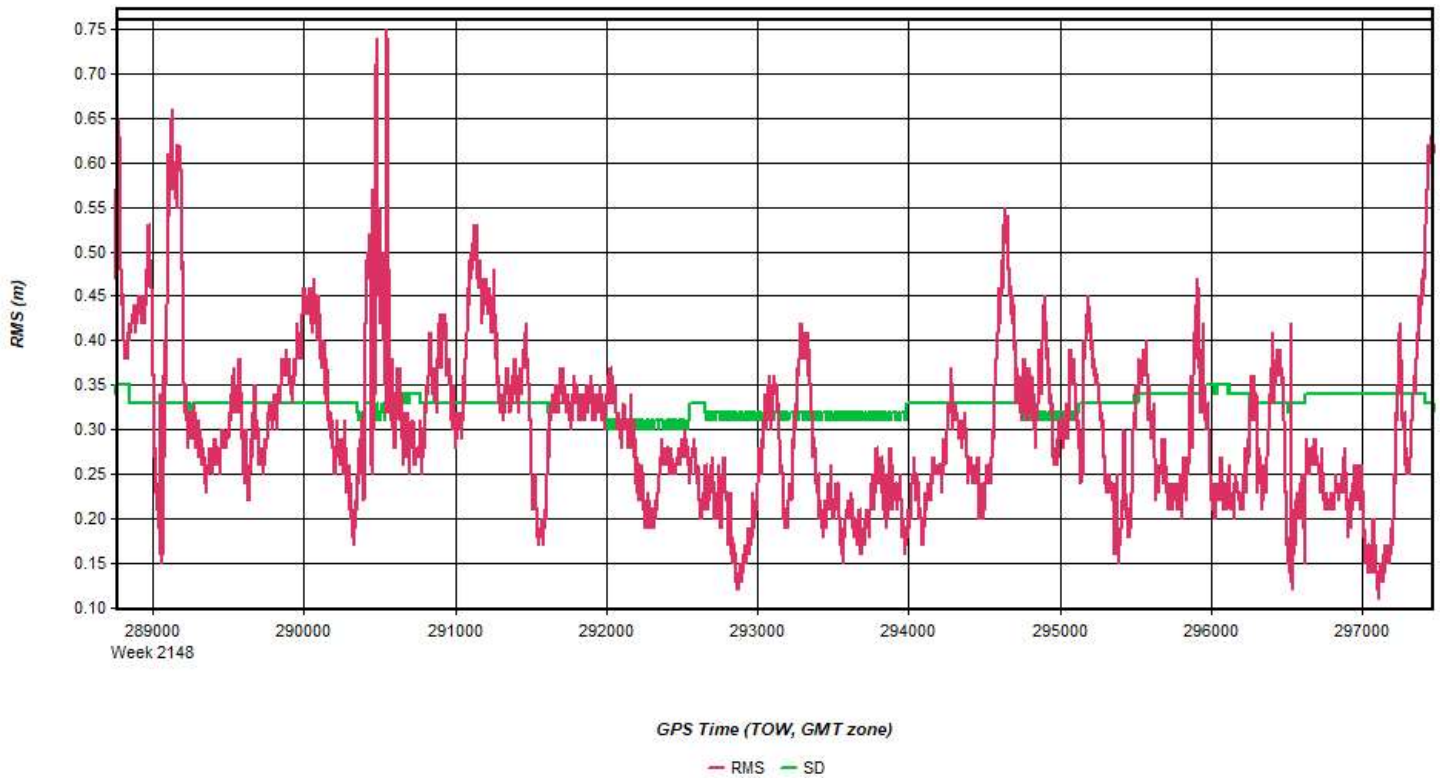
Process	20210310_081107_5	by Unknown	on 3/18/2021	at 12:46:14
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Figure 15: 20210310_081107_5 [Smoothed TC Combined] - Height Profile Plot



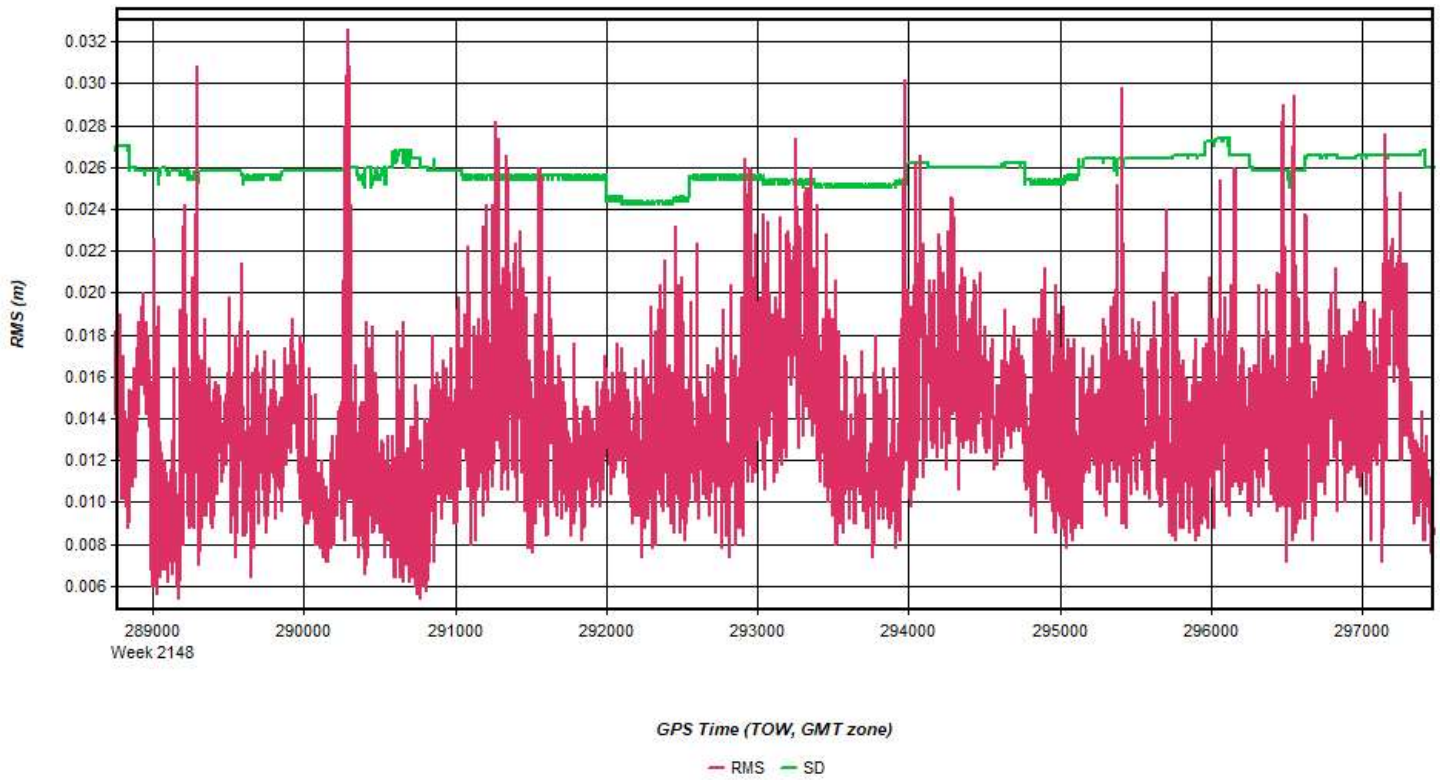
Process	20210310_081107_5	by Unknown	on 3/18/2021	at 12:46:14
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Figure 16: 20210310_081107_5 [Smoothed TC Combined] - C/A Code Residual RMS Plot



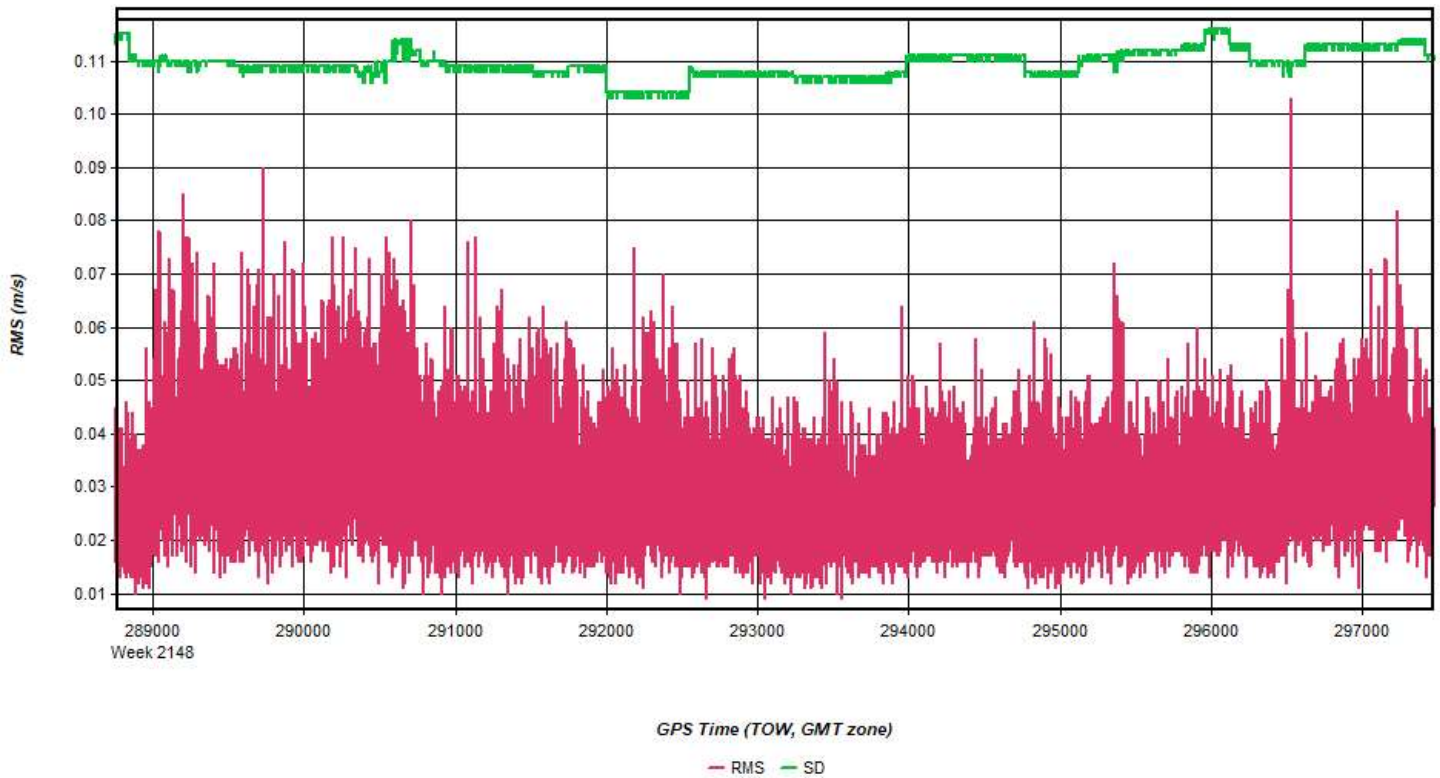
Process	20210310_081107_5	by Unknown	on 3/18/2021	at 12:46:14
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Figure 17: 20210310_081107_5 [Smoothed TC Combined] - Carrier Residual RMS Plot



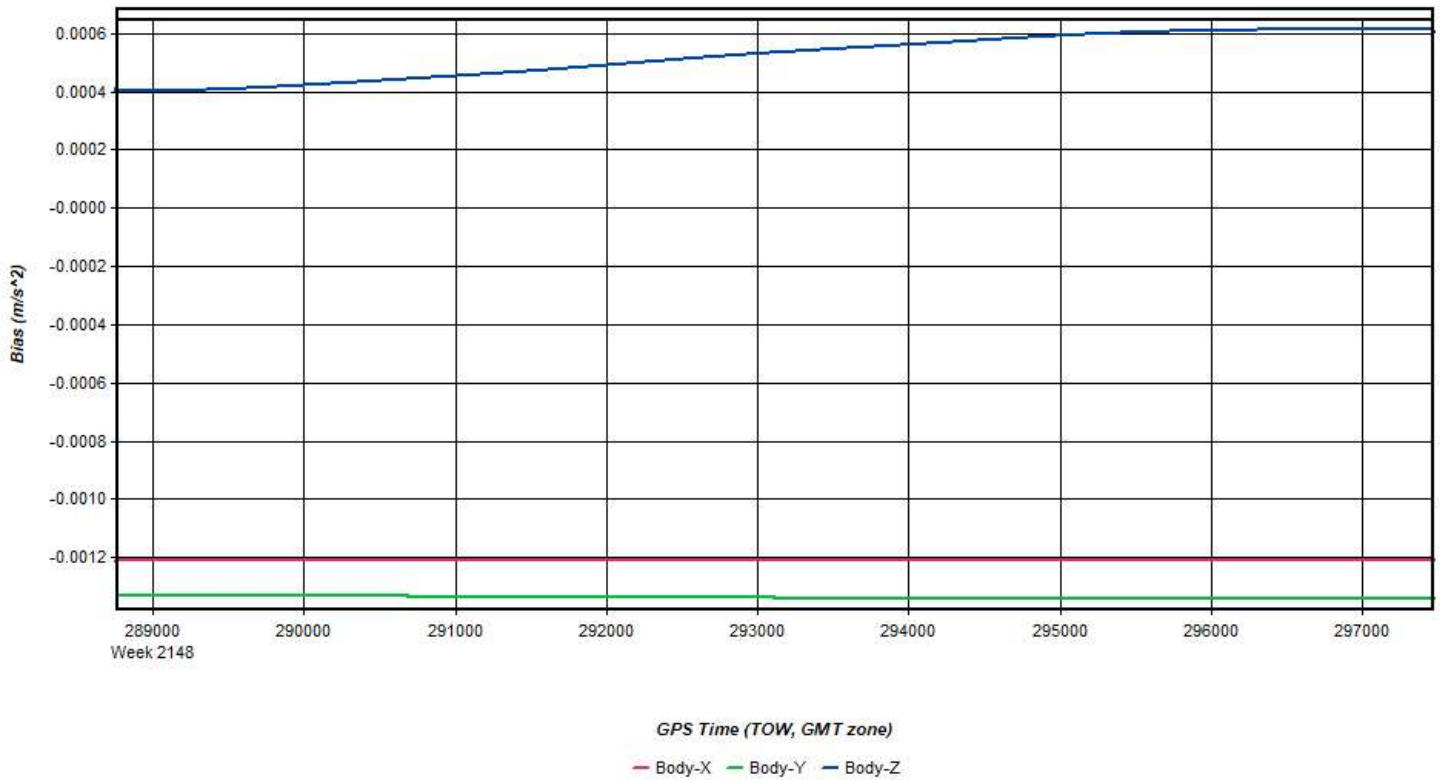
Process	20210310_081107_5	by Unknown	on 3/18/2021	at 12:46:14
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Figure 18: 20210310_081107_5 [Smoothed TC Combined] - Doppler Residual RMS Plot



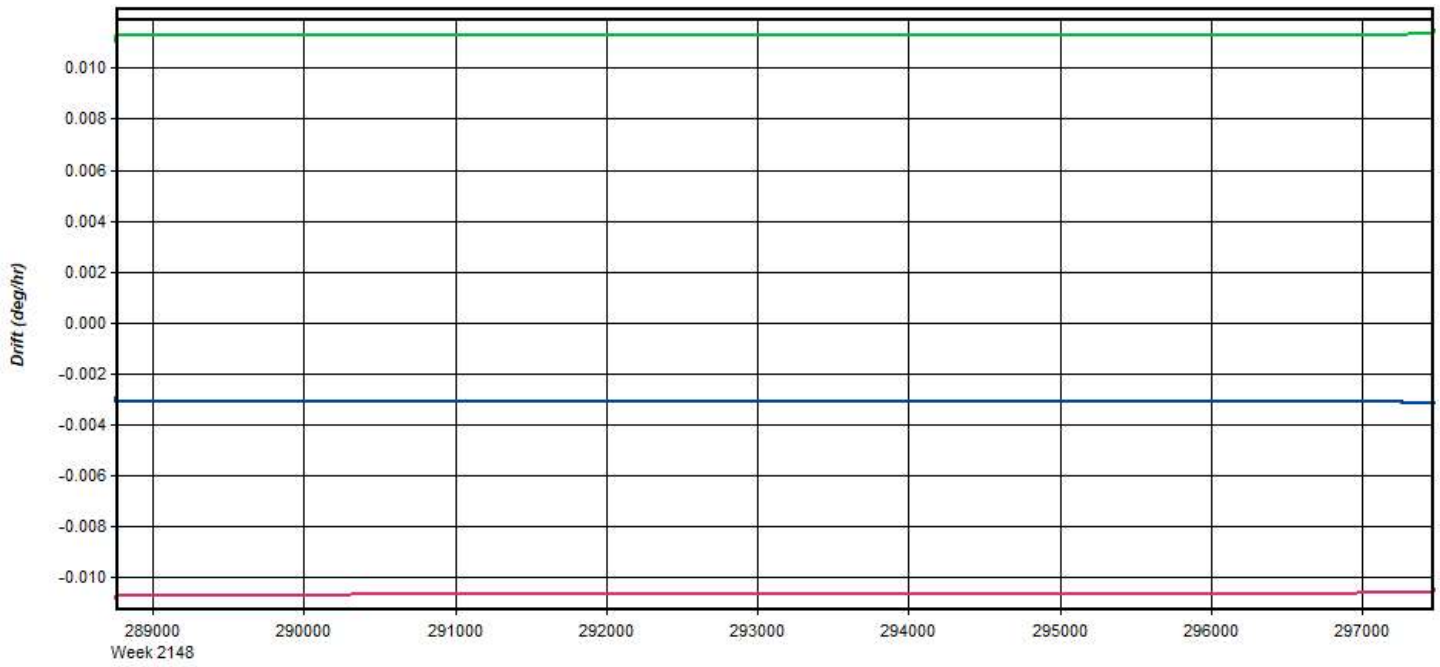
Process	20210310_081107_5	by Unknown	on 3/18/2021	at 12:46:14
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Figure 19: 20210310_081107_5 [Smoothed TC Combined] - Accelerometer Bias Plot



Process	20210310_081107_5	by Unknown	on 3/18/2021	at 12:46:14
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Figure 20: 20210310_081107_5 [Smoothed TC Combined] - Gyro Drift Plot



GPS Time (TOW, GMT zone)

— Body-X — Body-Y — Body-Z

Process	20210310_081107_5	by Unknown	on 3/18/2021	at 12:46:14
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Output Results for 20210310_125522_6

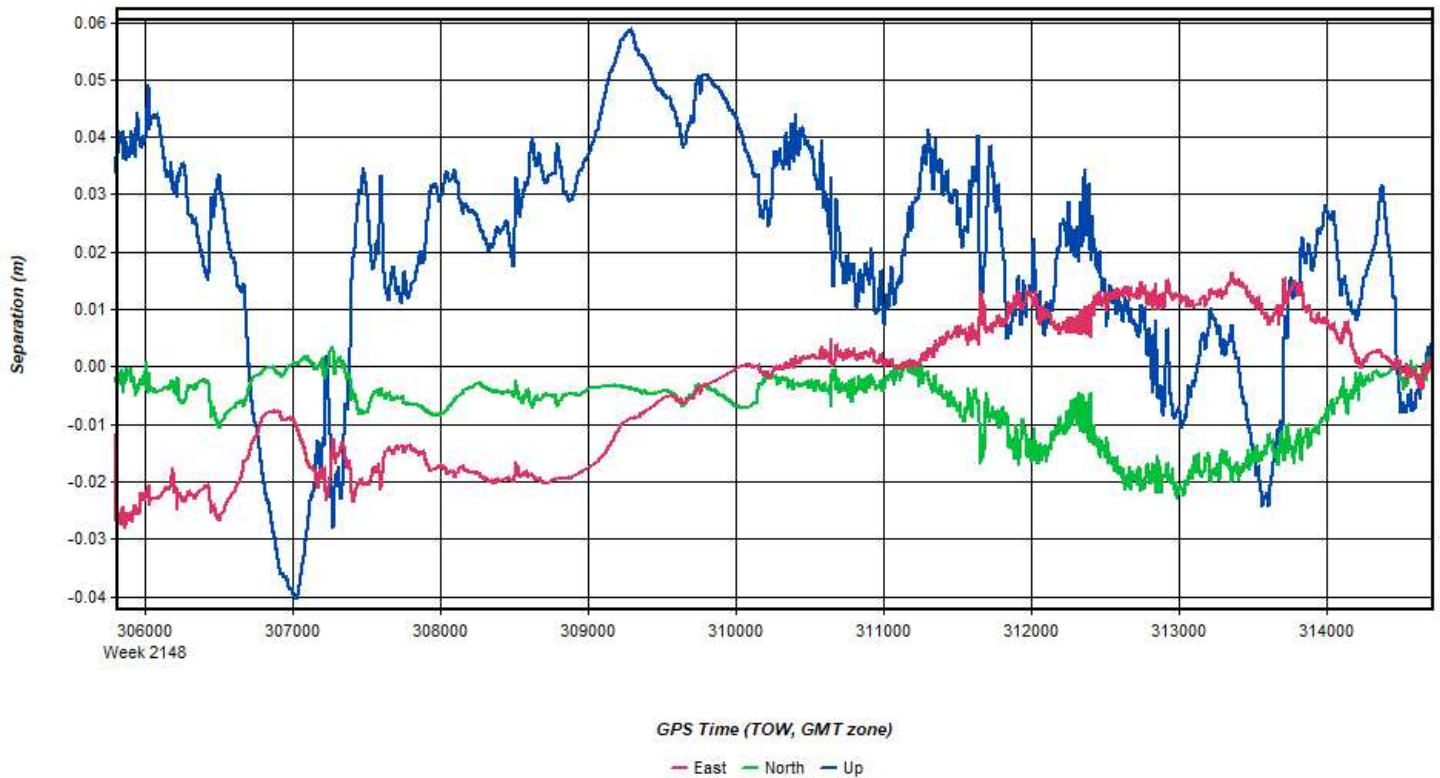
Inertial Explorer Version 8.90.2124
03/18/2021

Figure 1: Smoothed TC Combined - Map



Process	20210310_125522_6	by Unknown	on 3/18/2021	at 15:34:20
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Figure 2: 20210310_125522_6 [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot



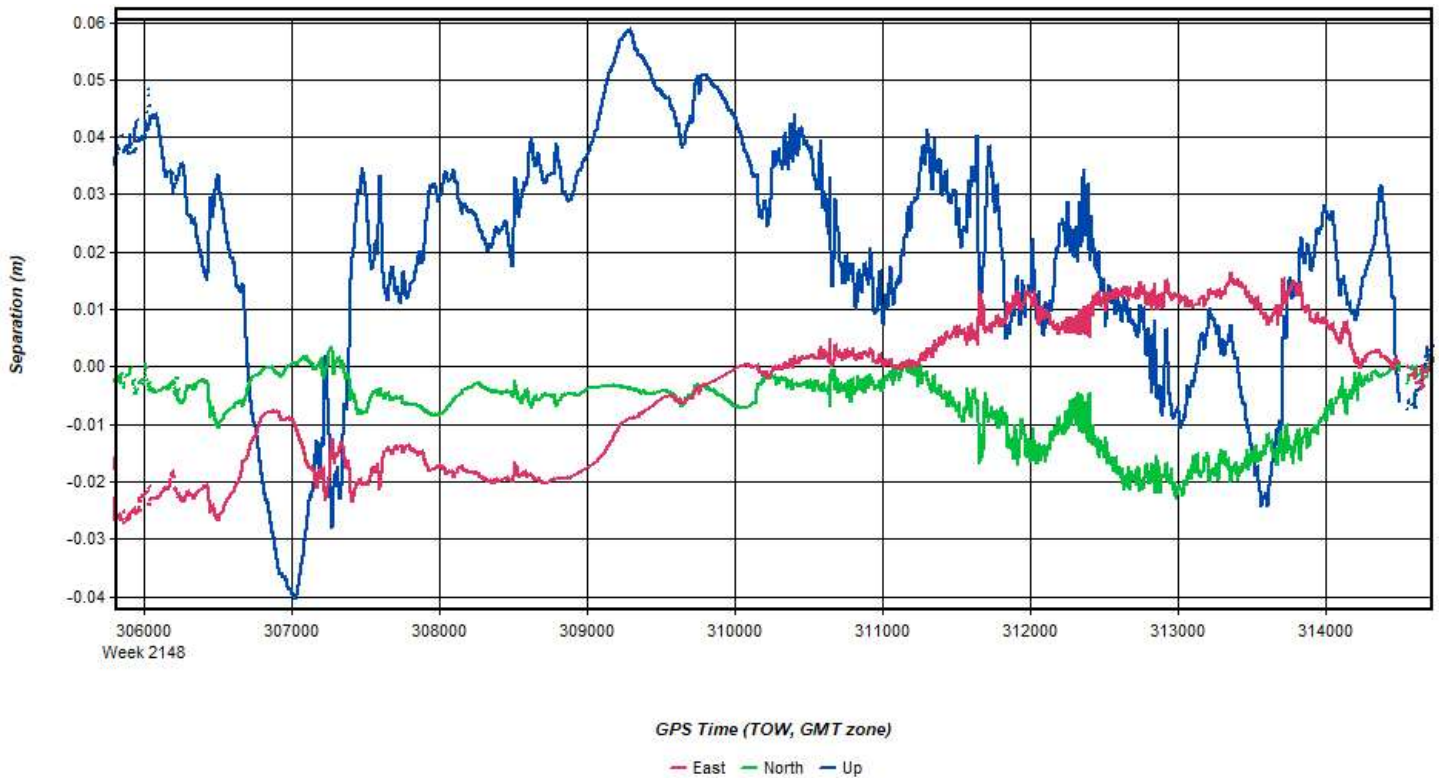
Process	20210310_125522_6	by Unknown	on 3/18/2021	at 15:34:20
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Figure 3: 20210310_125522_6 [Smoothed TC Combined] - Float or Fixed Ambiguity



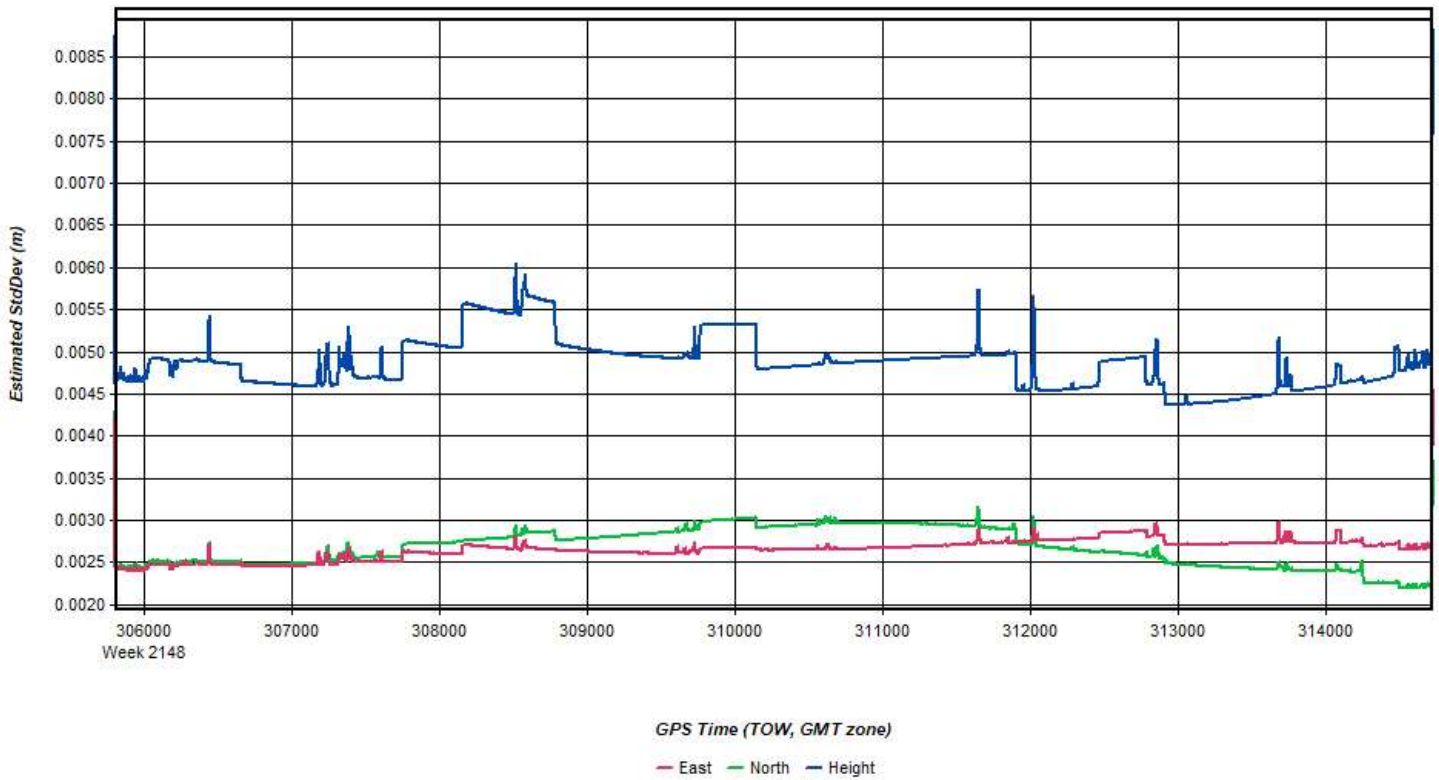
Process	20210310_125522_6	by Unknown	on 3/18/2021	at 15:34:20
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Figure 4: 20210310_125522_6 [Smoothed TC Combined] - Forward/Reverse Separation Plot (Fixed)



Process	20210310_125522_6	by Unknown	on 3/18/2021	at 15:34:20
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Figure 5: 20210310_125522_6 [Smoothed TC Combined] - Estimated Position Accuracy Plot



Process	20210310_125522_6	by Unknown	on 3/18/2021	at 15:34:20
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Figure 6: 20210310_125522_6 [Smoothed TC Combined] - PDOP Plot

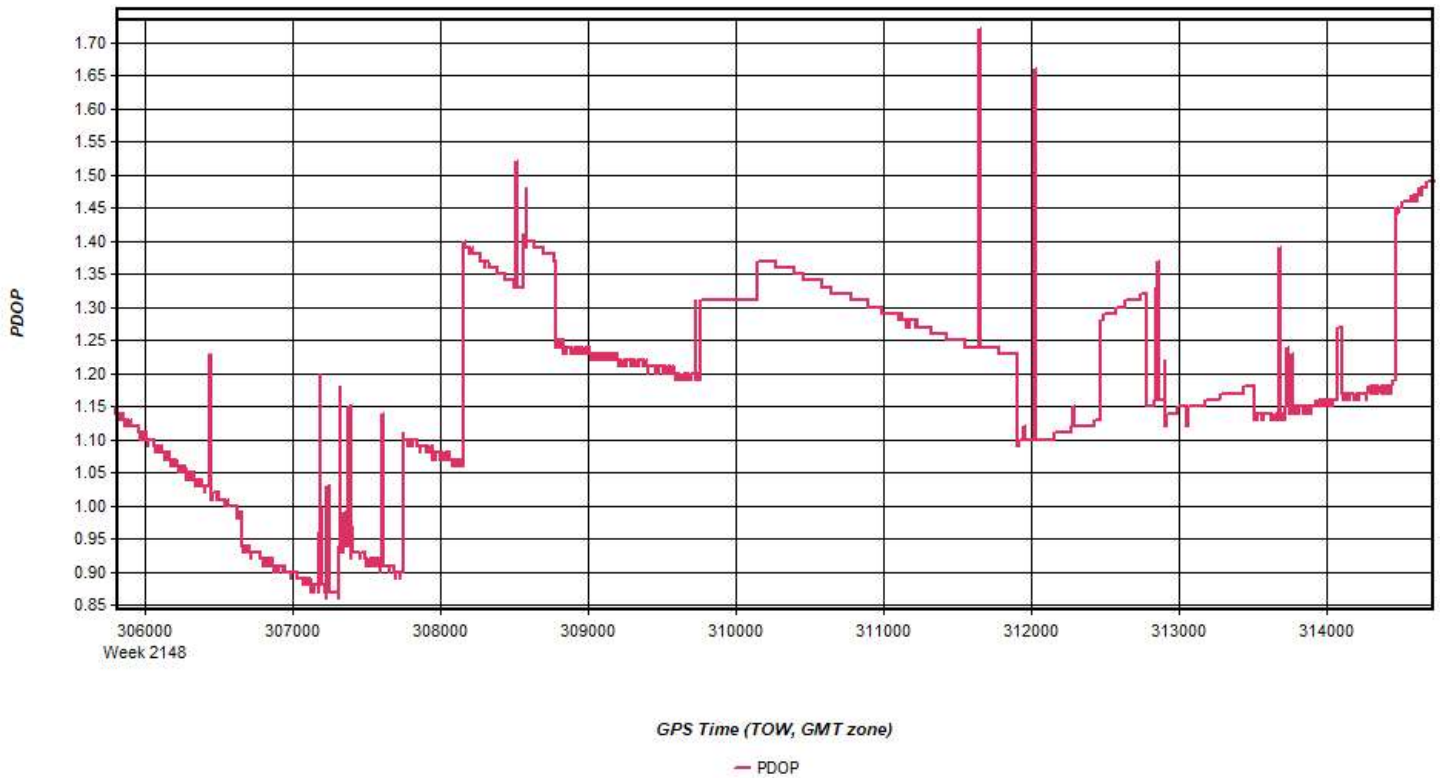


Figure 7: 20210310_125522_6 [Smoothed TC Combined] - Number of Satellites Line Plot

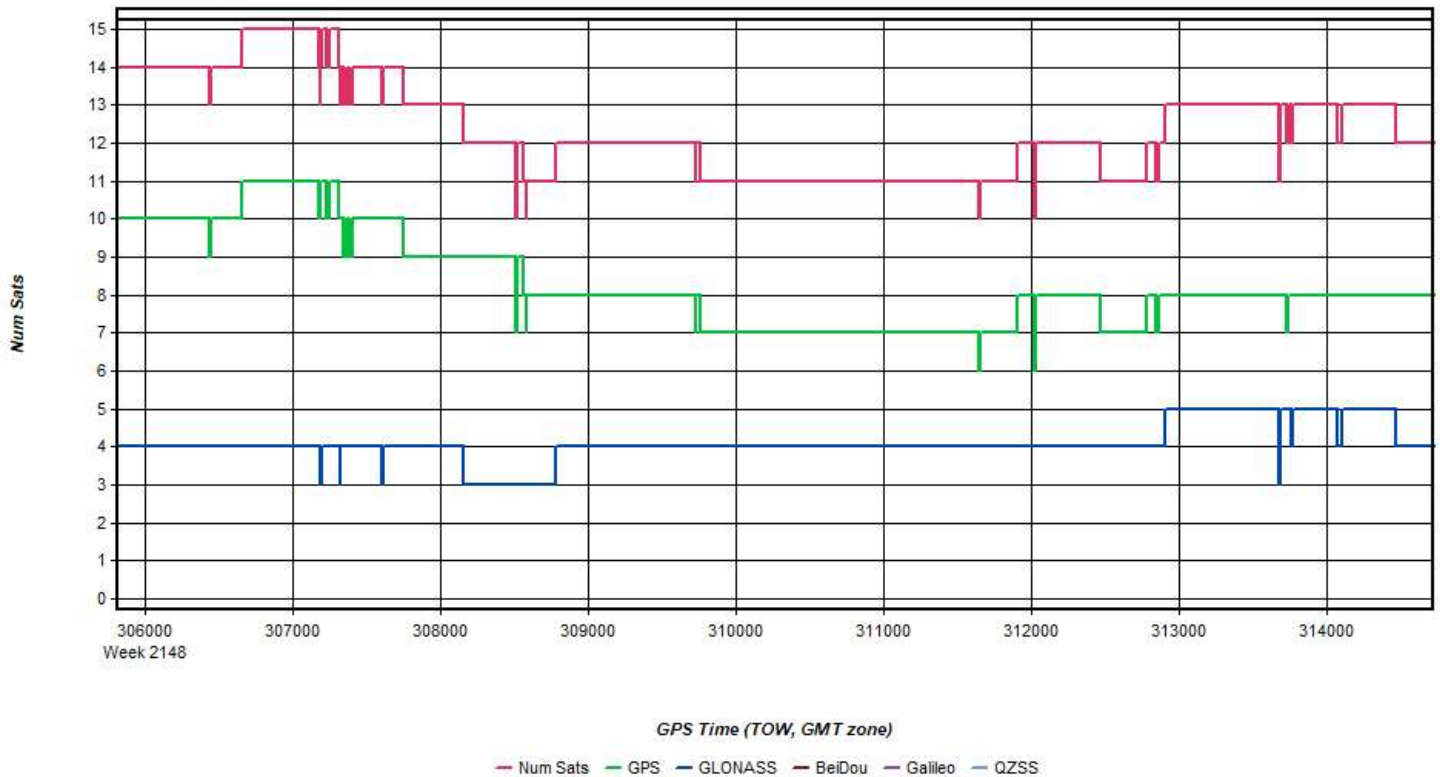


Figure 8: 20210310_125522_6 [Smoothed TC Combined] - Status flag for IMU processing

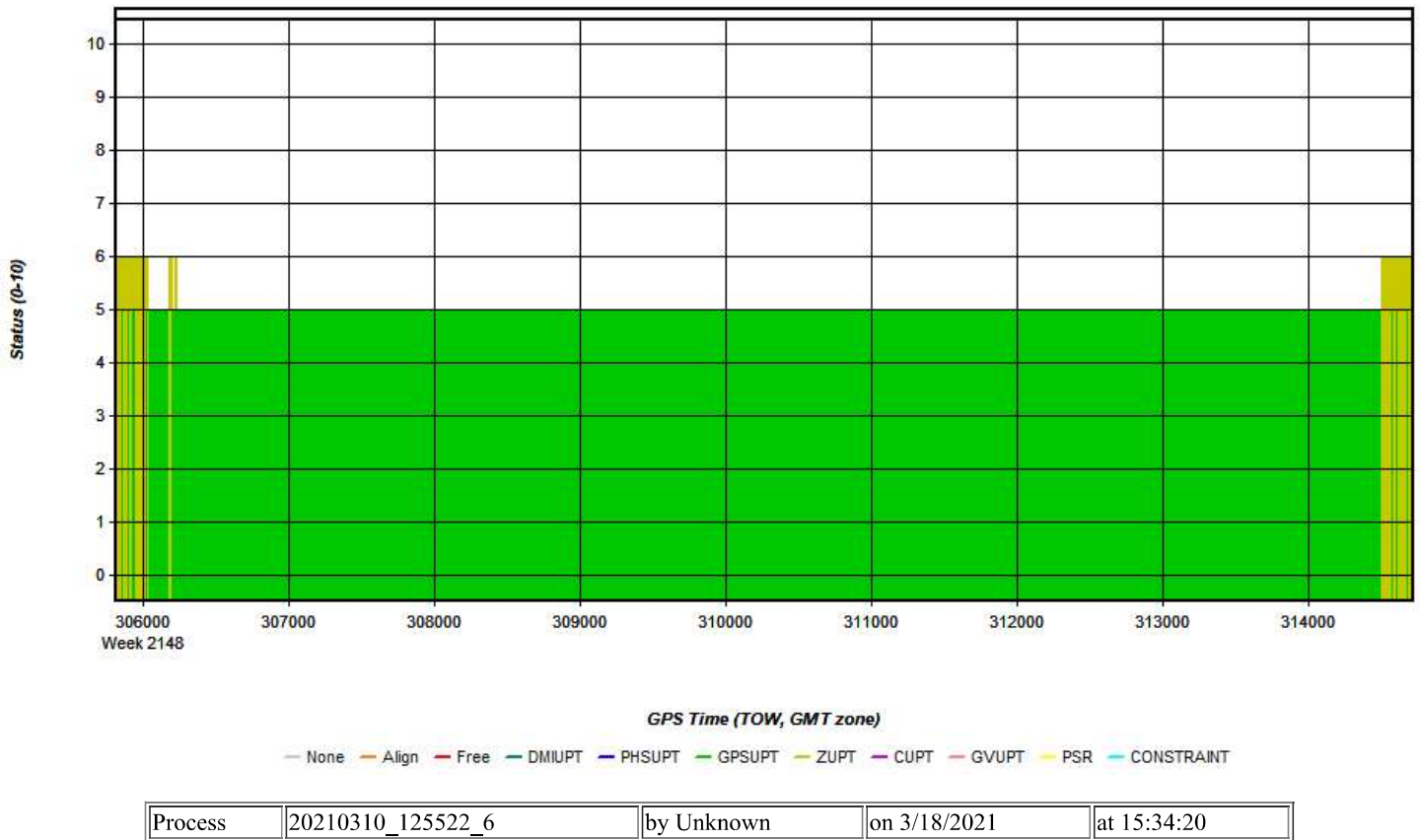
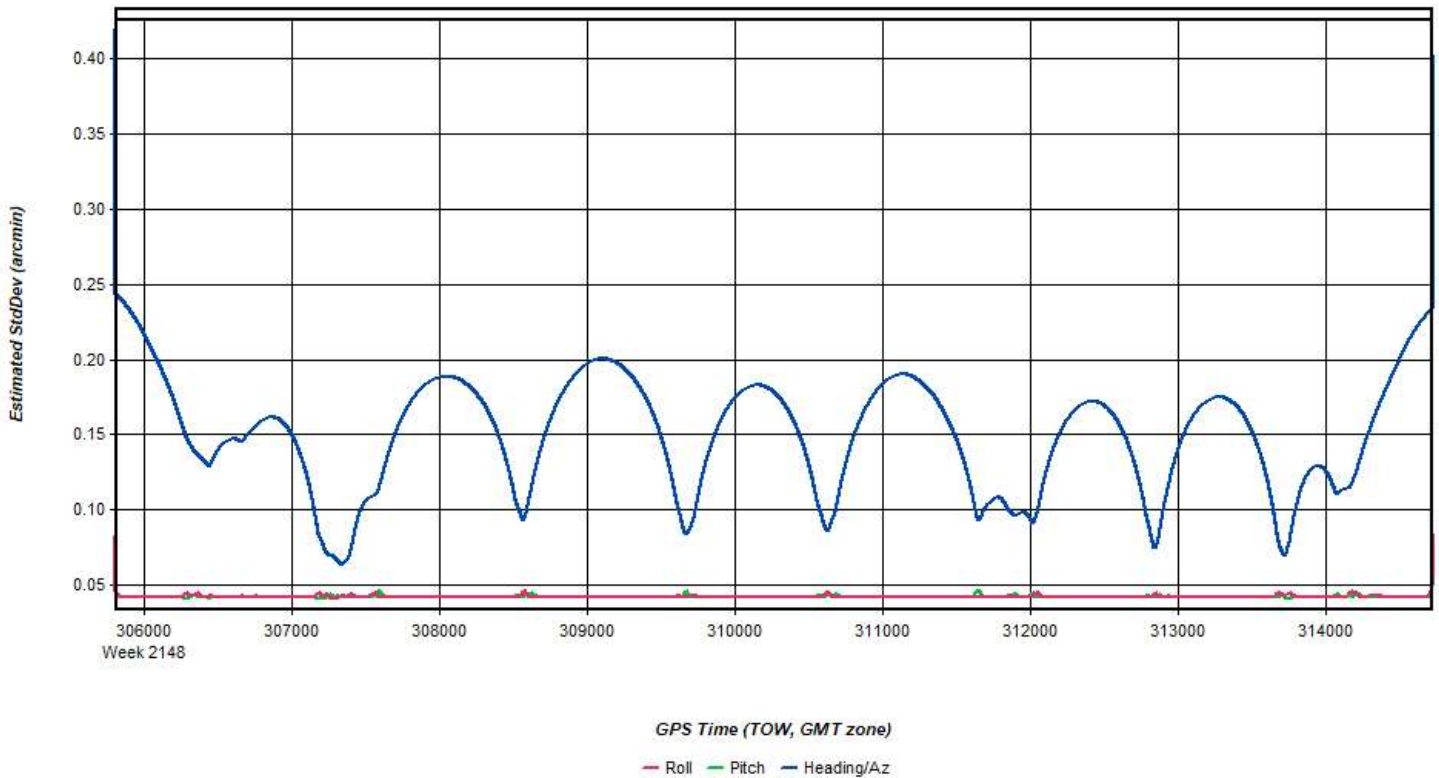


Figure 9: 20210310_125522_6 [Smoothed TC Combined] - Fwd/Rev Attitude Separation Plot

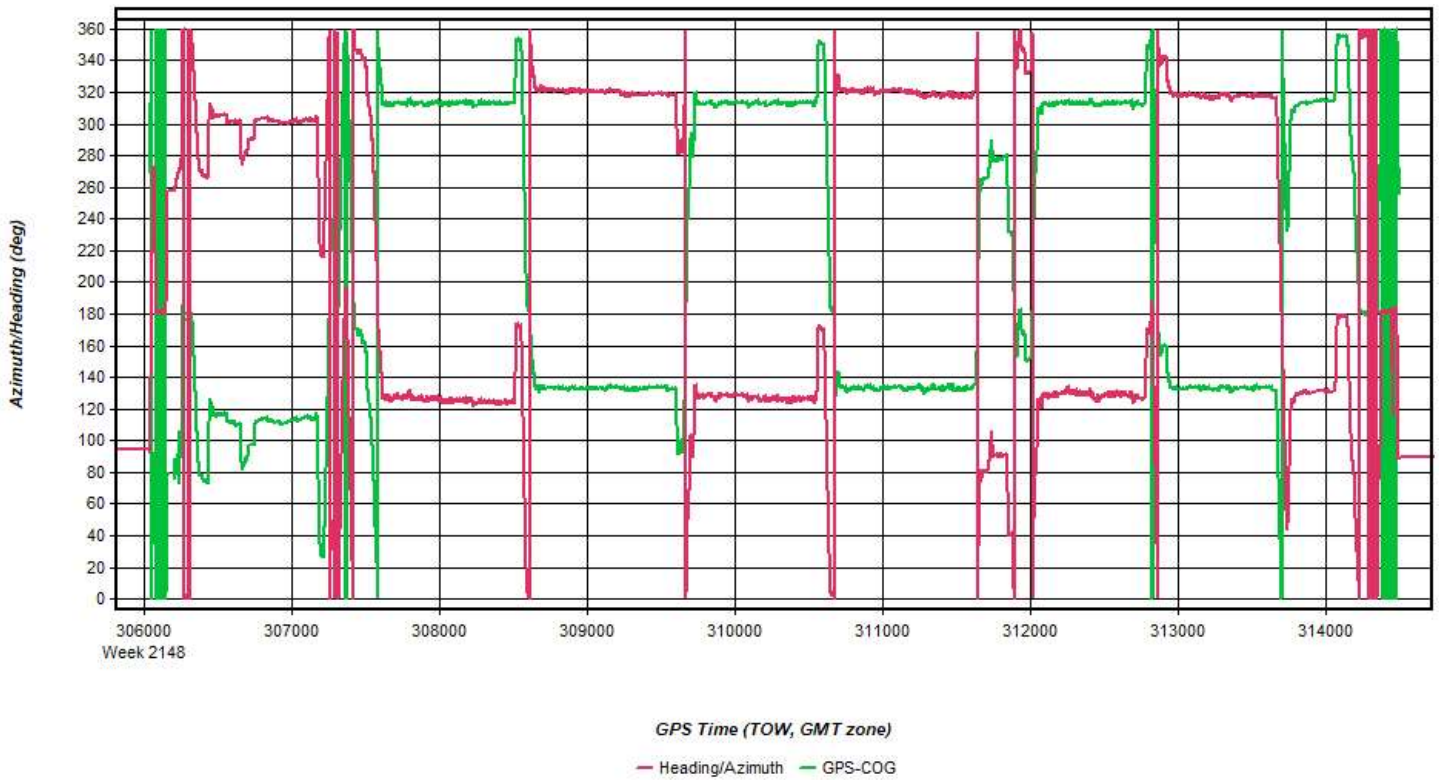


Figure 10: 20210310_125522_6 [Smoothed TC Combined] - Estimated Attitude Accuracy Plot



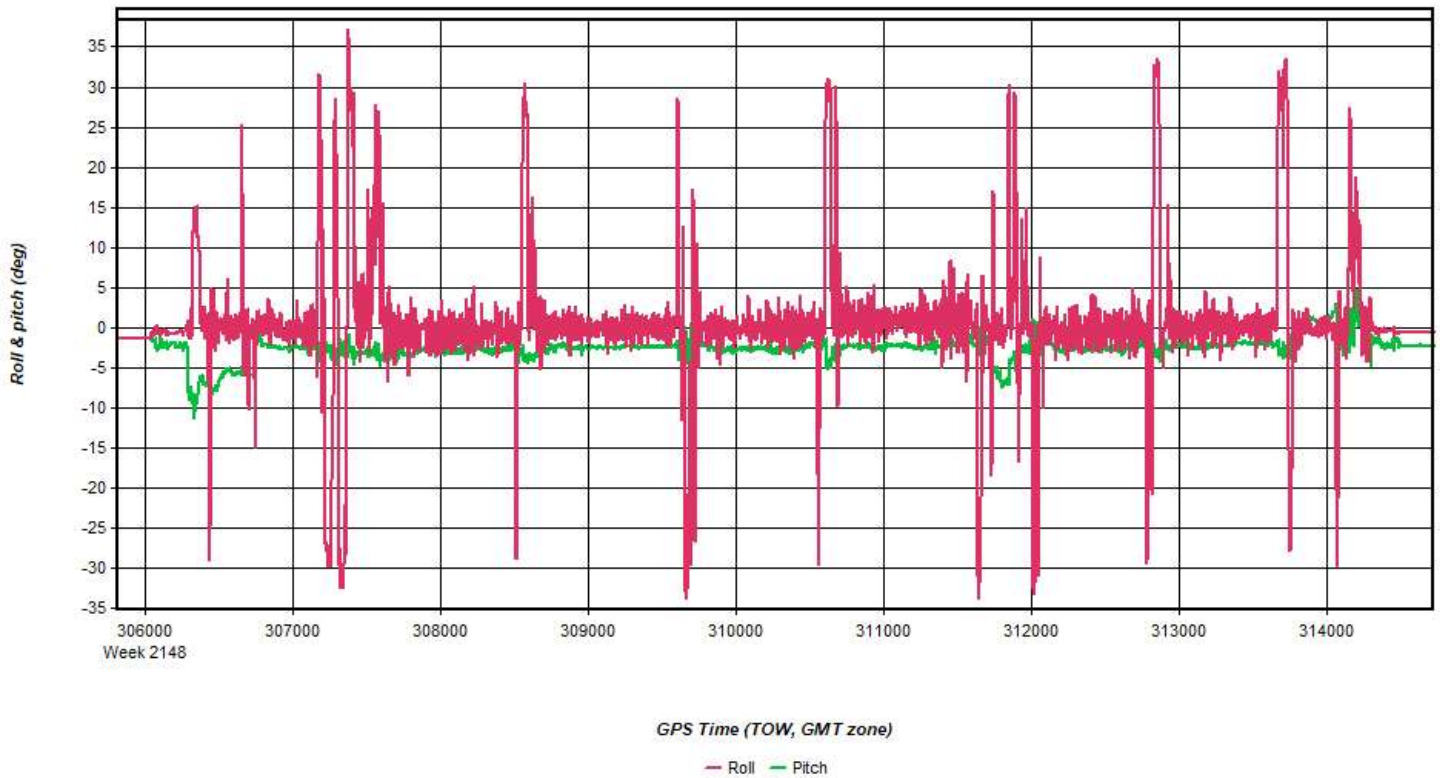
Process	20210310_125522_6	by Unknown	on 3/18/2021	at 15:34:20
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Figure 11: 20210310_125522_6 [Smoothed TC Combined] - Azimuth Plot



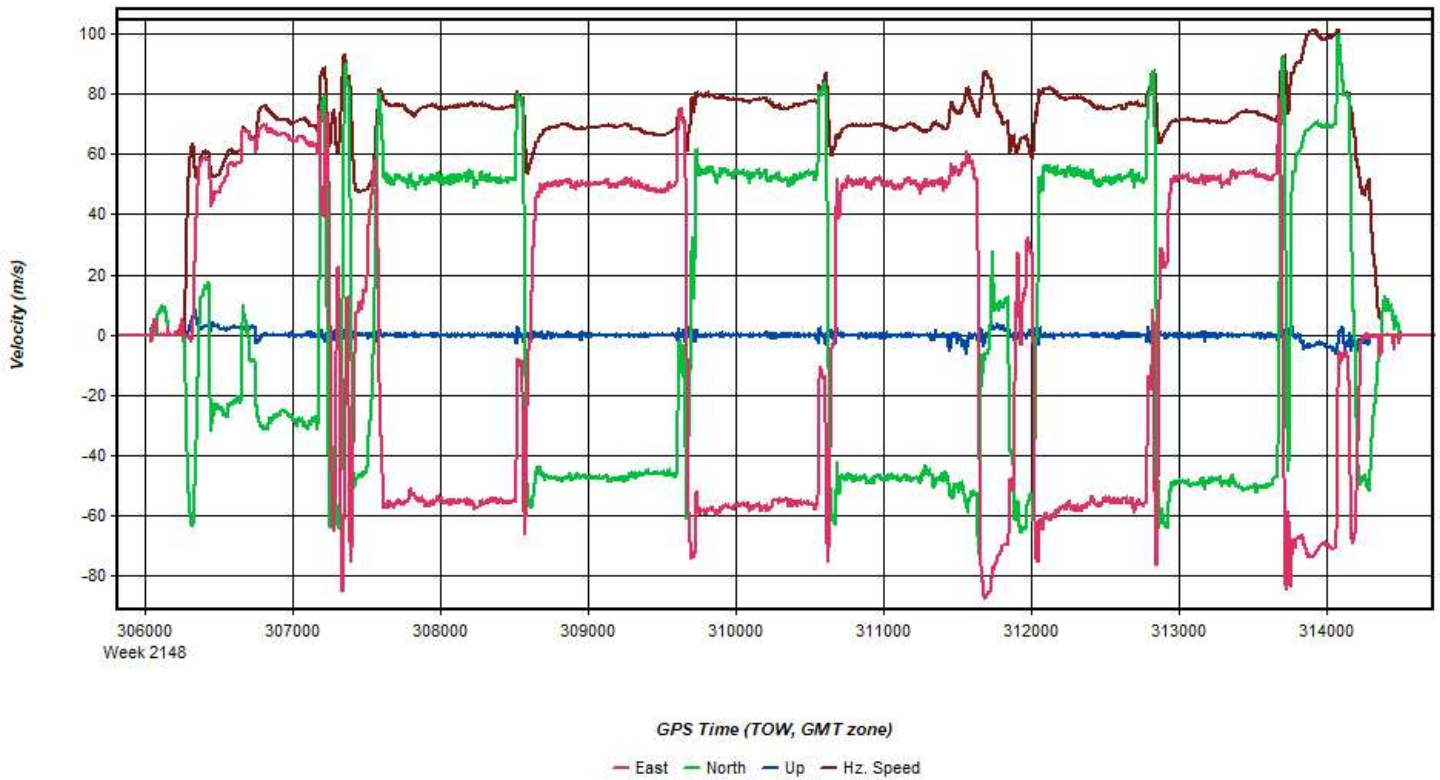
Process	20210310_125522_6	by Unknown	on 3/18/2021	at 15:34:20
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Figure 12: 20210310_125522_6 [Smoothed TC Combined] - Roll & Pitch Plot



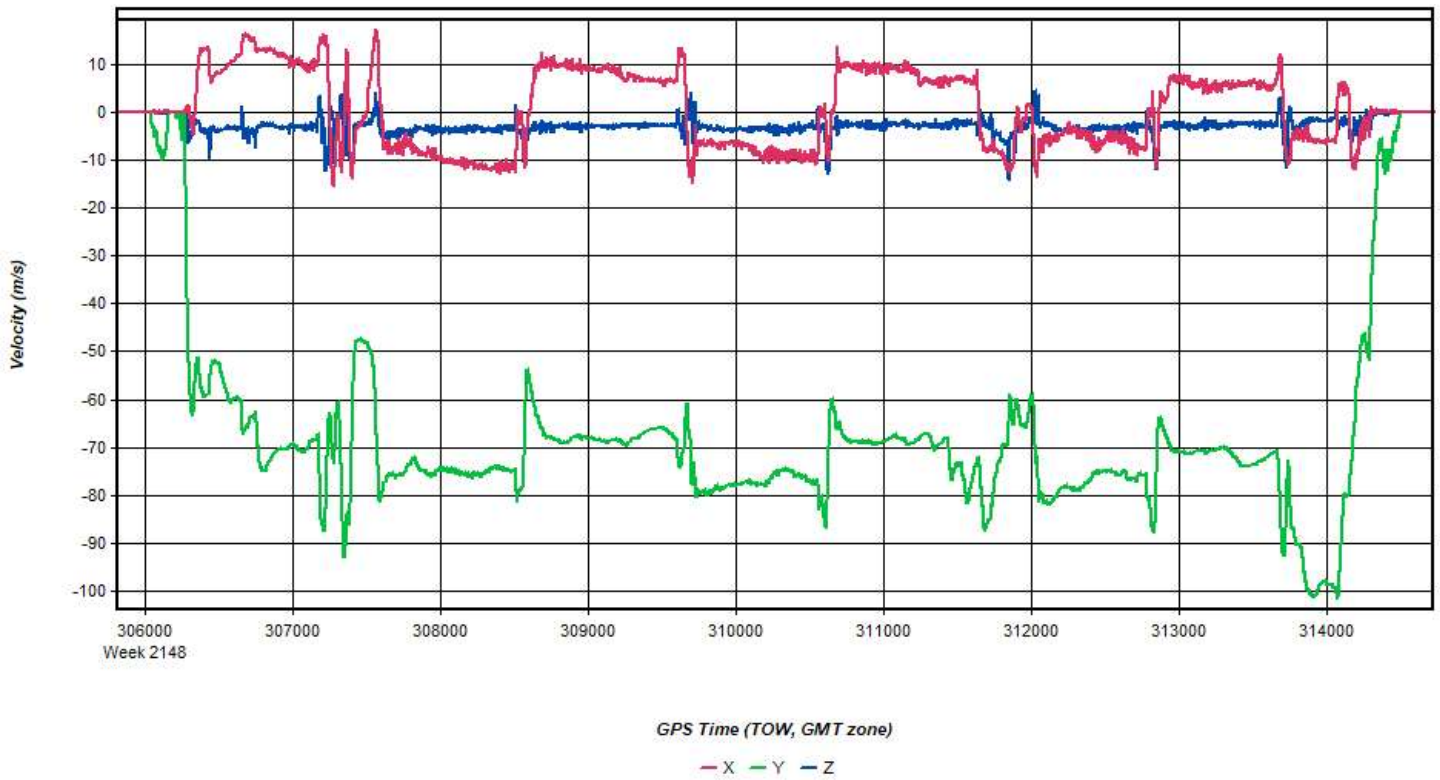
Process	20210310_125522_6	by Unknown	on 3/18/2021	at 15:34:20
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Figure 13: 20210310_125522_6 [Smoothed TC Combined] - Velocity Profile Plot



Process	20210310_125522_6	by Unknown	on 3/18/2021	at 15:34:20
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Figure 14: 20210310_125522_6 [Smoothed TC Combined] - Body Frame Velocity Plot



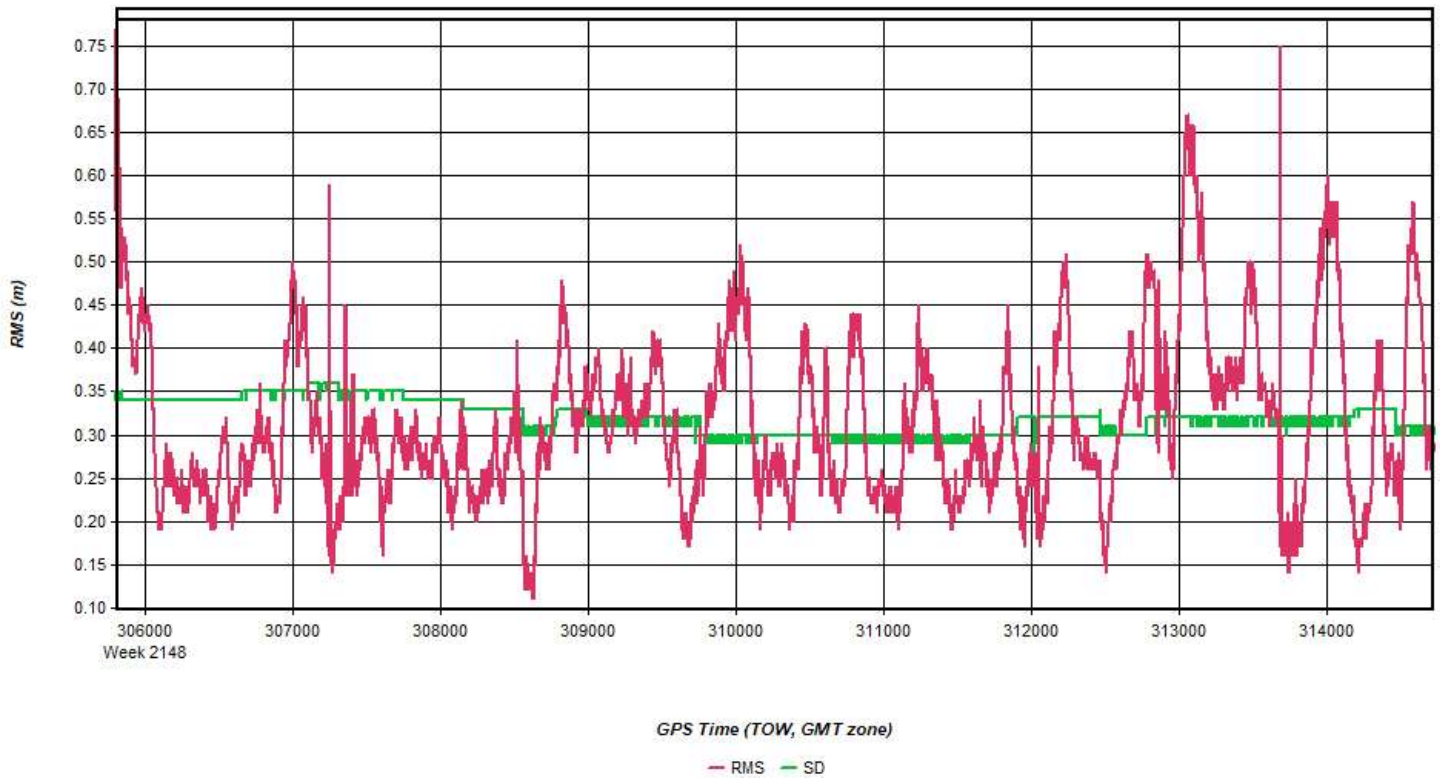
Process	20210310_125522_6	by Unknown	on 3/18/2021	at 15:34:20
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Figure 15: 20210310_125522_6 [Smoothed TC Combined] - Height Profile Plot



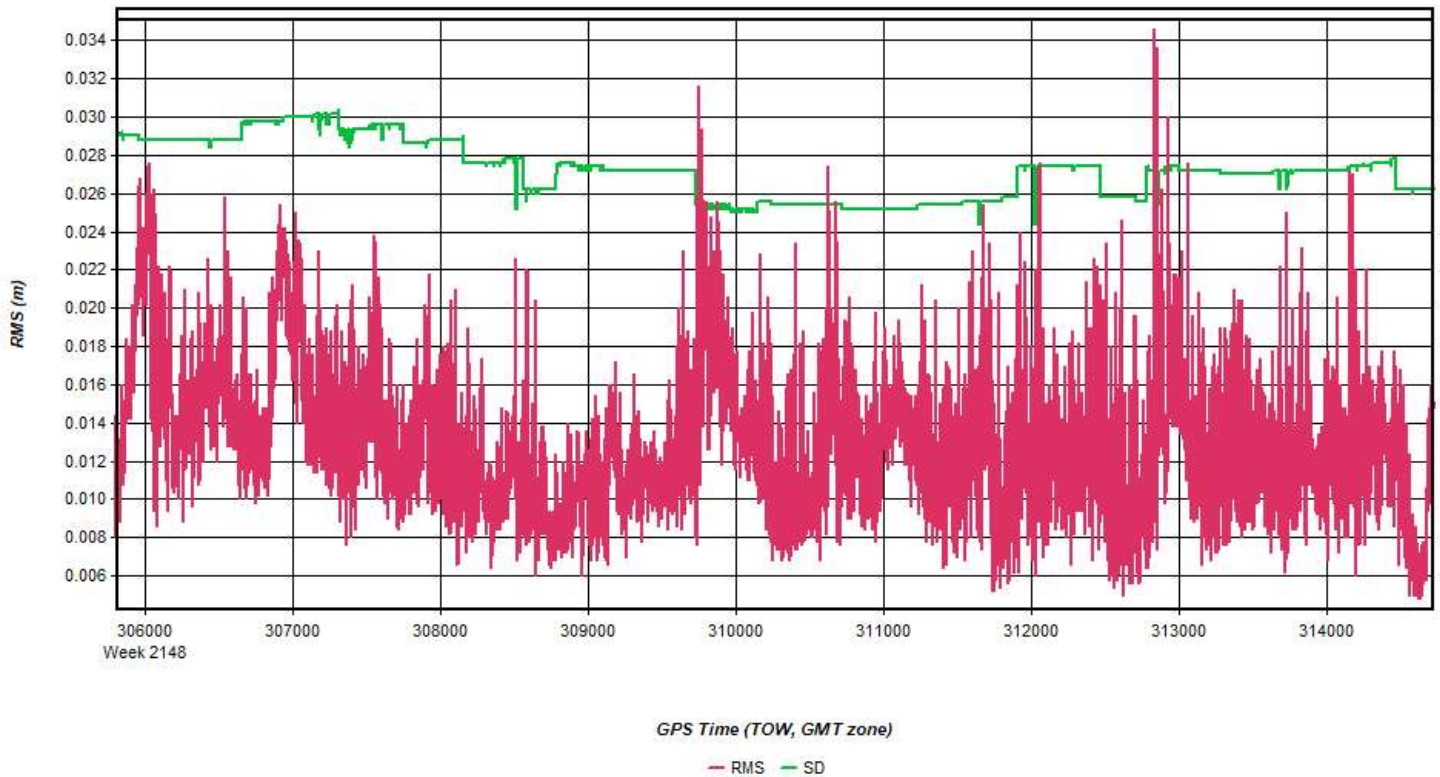
Process	20210310_125522_6	by Unknown	on 3/18/2021	at 15:34:20
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Figure 16: 20210310_125522_6 [Smoothed TC Combined] - C/A Code Residual RMS Plot



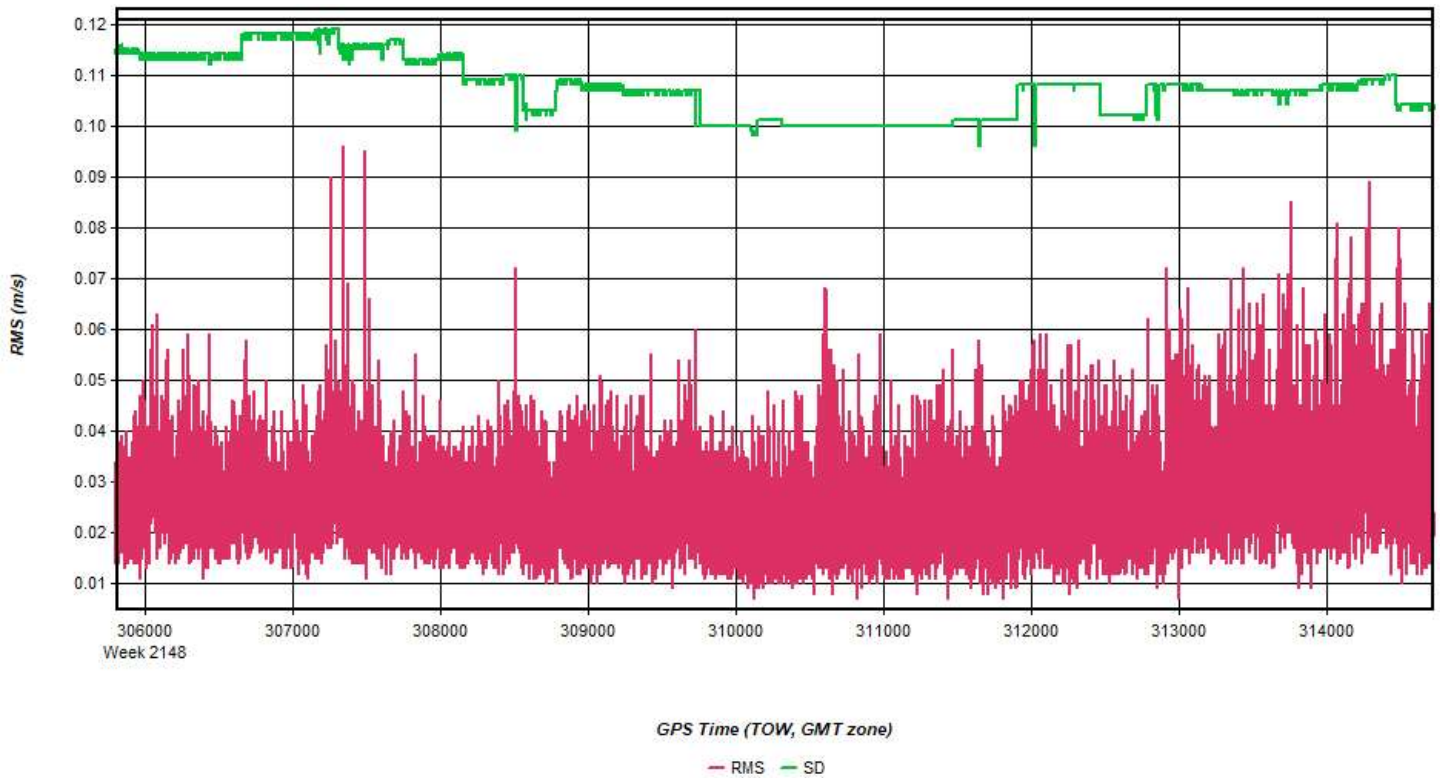
Process	20210310_125522_6	by Unknown	on 3/18/2021	at 15:34:20
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Figure 17: 20210310_125522_6 [Smoothed TC Combined] - Carrier Residual RMS Plot



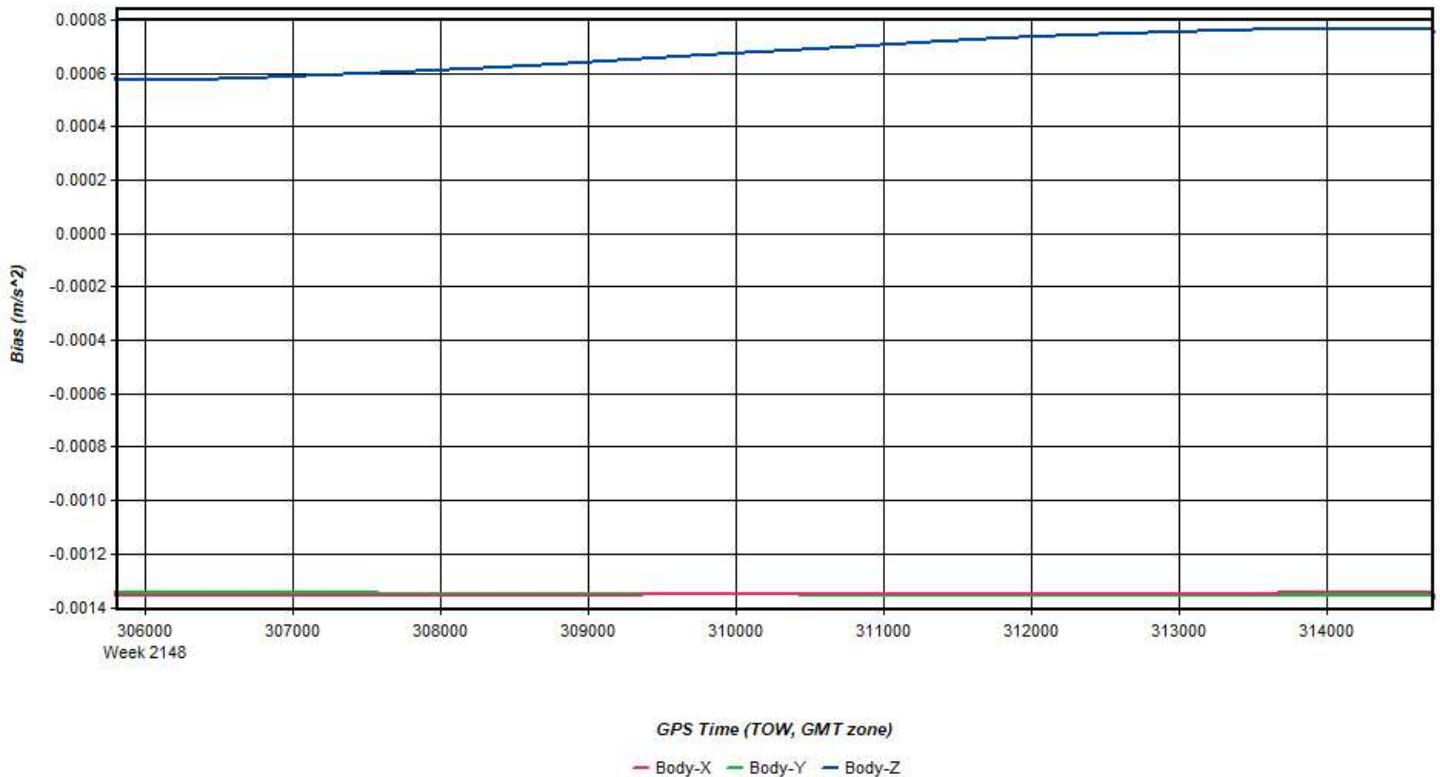
Process	20210310_125522_6	by Unknown	on 3/18/2021	at 15:34:20
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Figure 18: 20210310_125522_6 [Smoothed TC Combined] - Doppler Residual RMS Plot



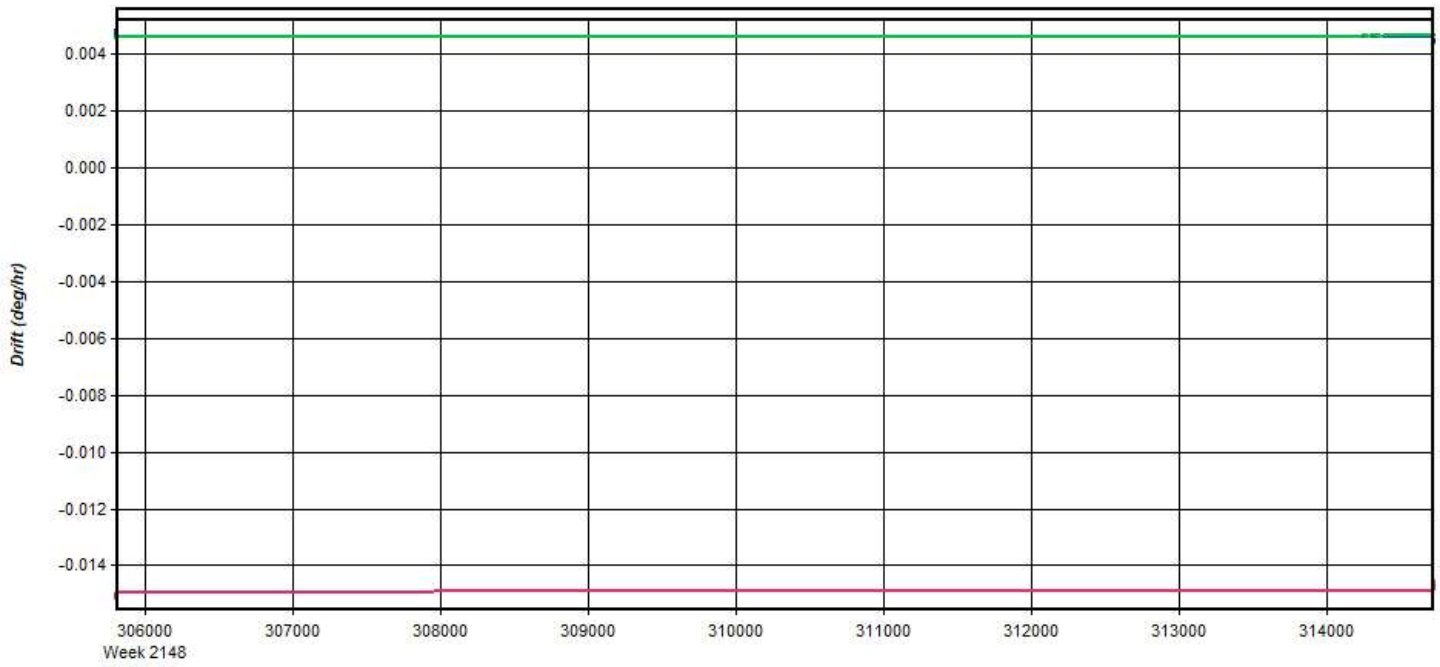
Process	20210310_125522_6	by Unknown	on 3/18/2021	at 15:34:20
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Figure 19: 20210310_125522_6 [Smoothed TC Combined] - Accelerometer Bias Plot



Process	20210310_125522_6	by Unknown	on 3/18/2021	at 15:34:20
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Figure 20: 20210310_125522_6 [Smoothed TC Combined] - Gyro Drift Plot



GPS Time (TOW, GMT zone)

— Body-X — Body-Y — Body-Z

Process	20210310_125522_6	by Unknown	on 3/18/2021	at 15:34:20
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Output Results for 20210311_092708_7

Inertial Explorer Version 8.90.2124
03/20/2021

Figure 1: Smoothed TC Combined - Map



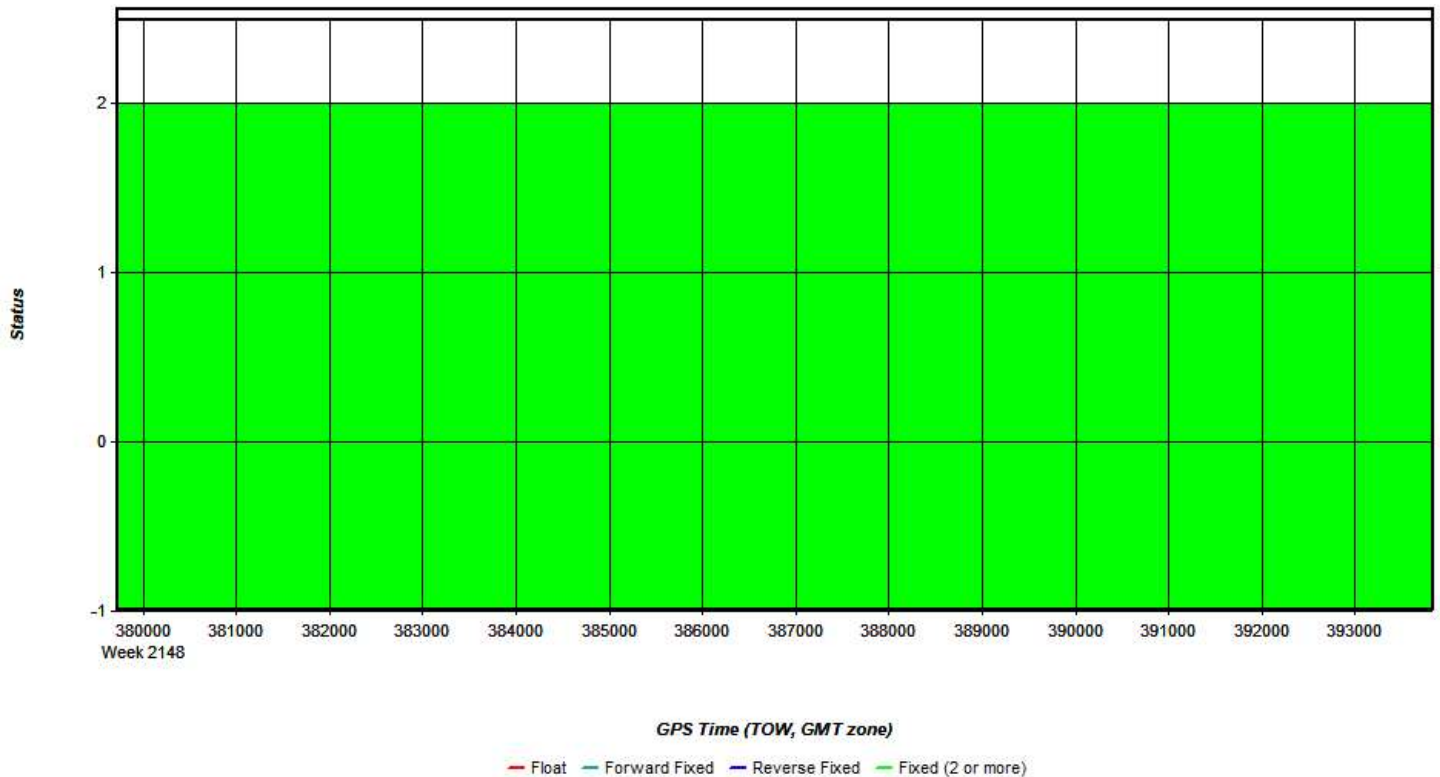
Process	20210311_092708_7	by Unknown	on 3/20/2021	at 21:06:04
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Figure 2: 20210311_092708_7 [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot



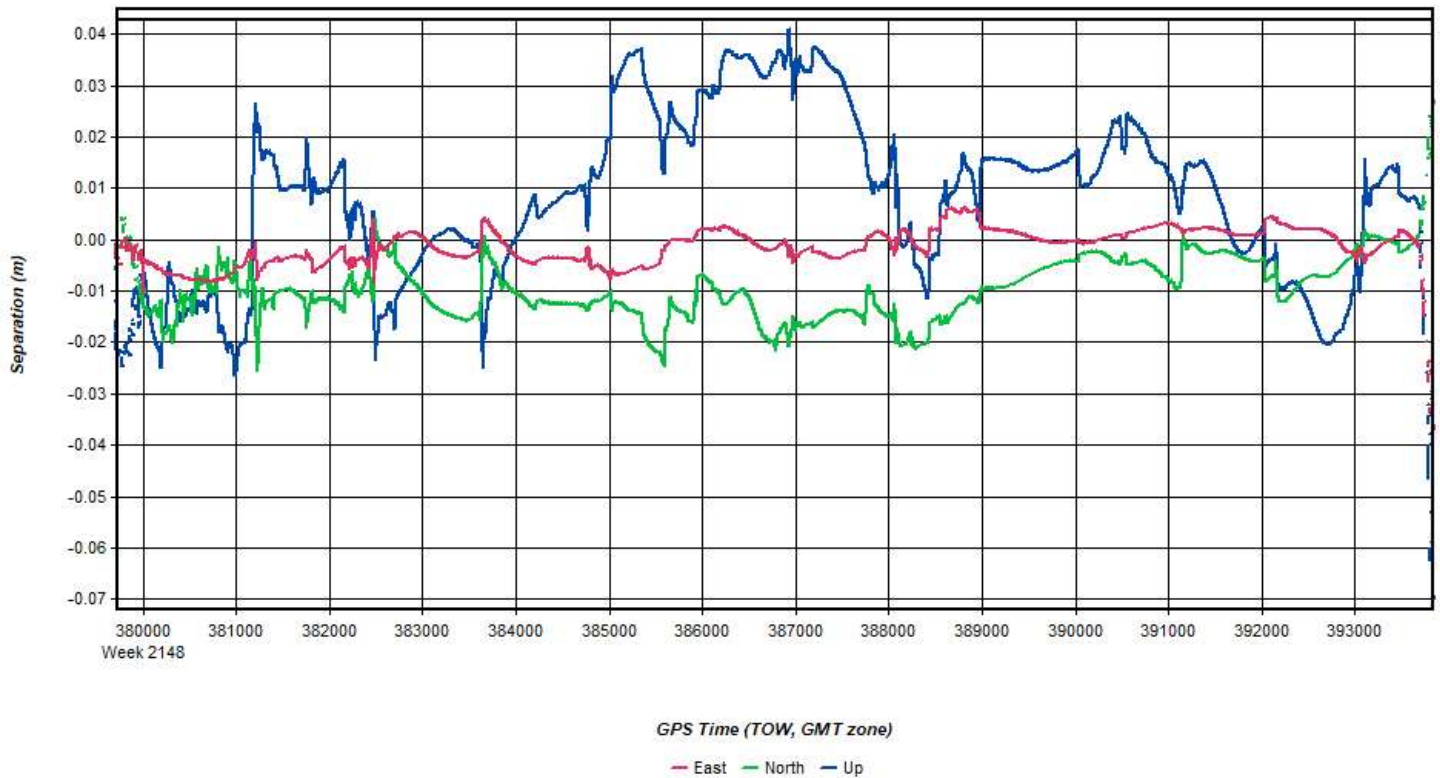
Process	20210311_092708_7	by Unknown	on 3/20/2021	at 21:06:04
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Figure 3: 20210311_092708_7 [Smoothed TC Combined] - Float or Fixed Ambiguity



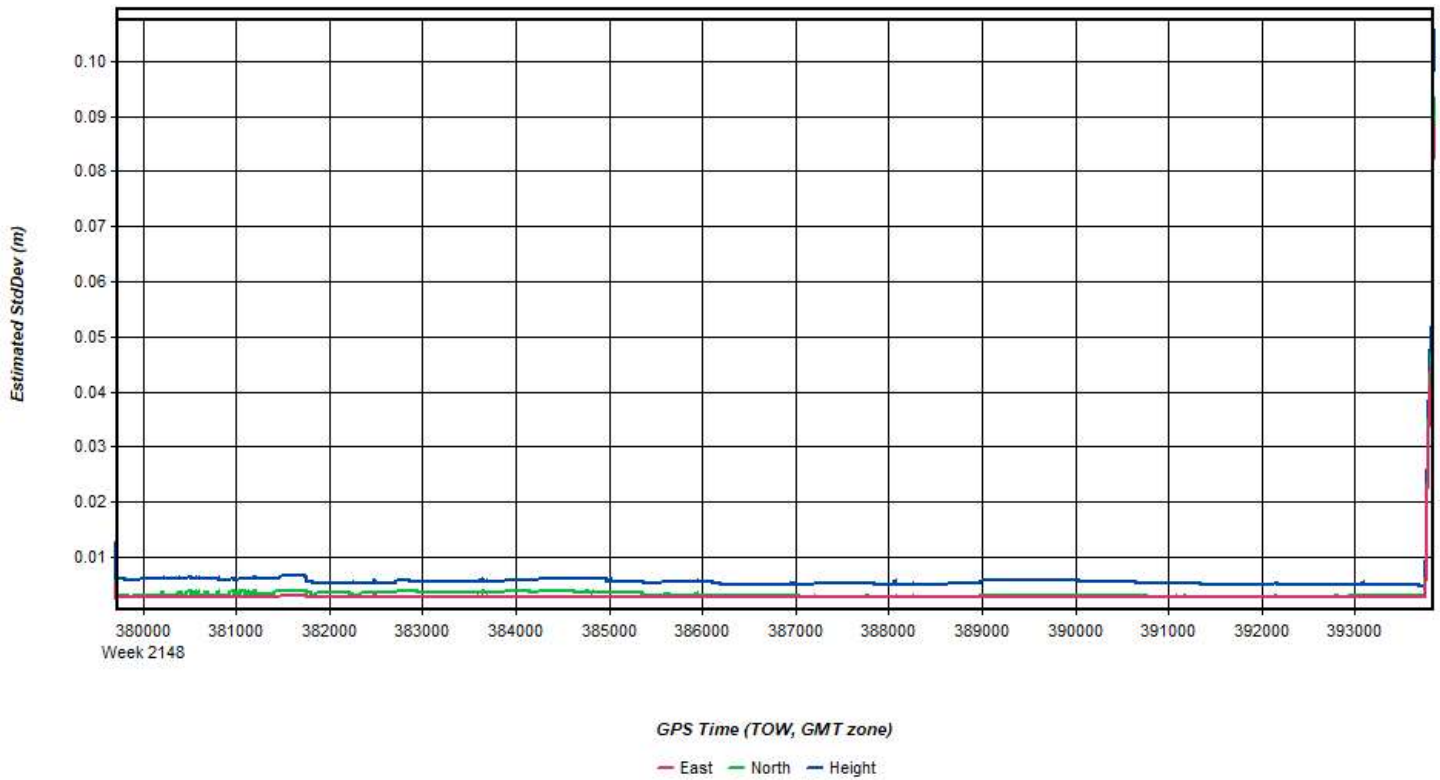
Process	20210311_092708_7	by Unknown	on 3/20/2021	at 21:06:04
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Figure 4: 20210311_092708_7 [Smoothed TC Combined] - Forward/Reverse Separation Plot (Fixed)



Process	20210311_092708_7	by Unknown	on 3/20/2021	at 21:06:04
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Figure 5: 20210311_092708_7 [Smoothed TC Combined] - Estimated Position Accuracy Plot



Process	20210311_092708_7	by Unknown	on 3/20/2021	at 21:06:04
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Figure 6: 20210311_092708_7 [Smoothed TC Combined] - PDOP Plot



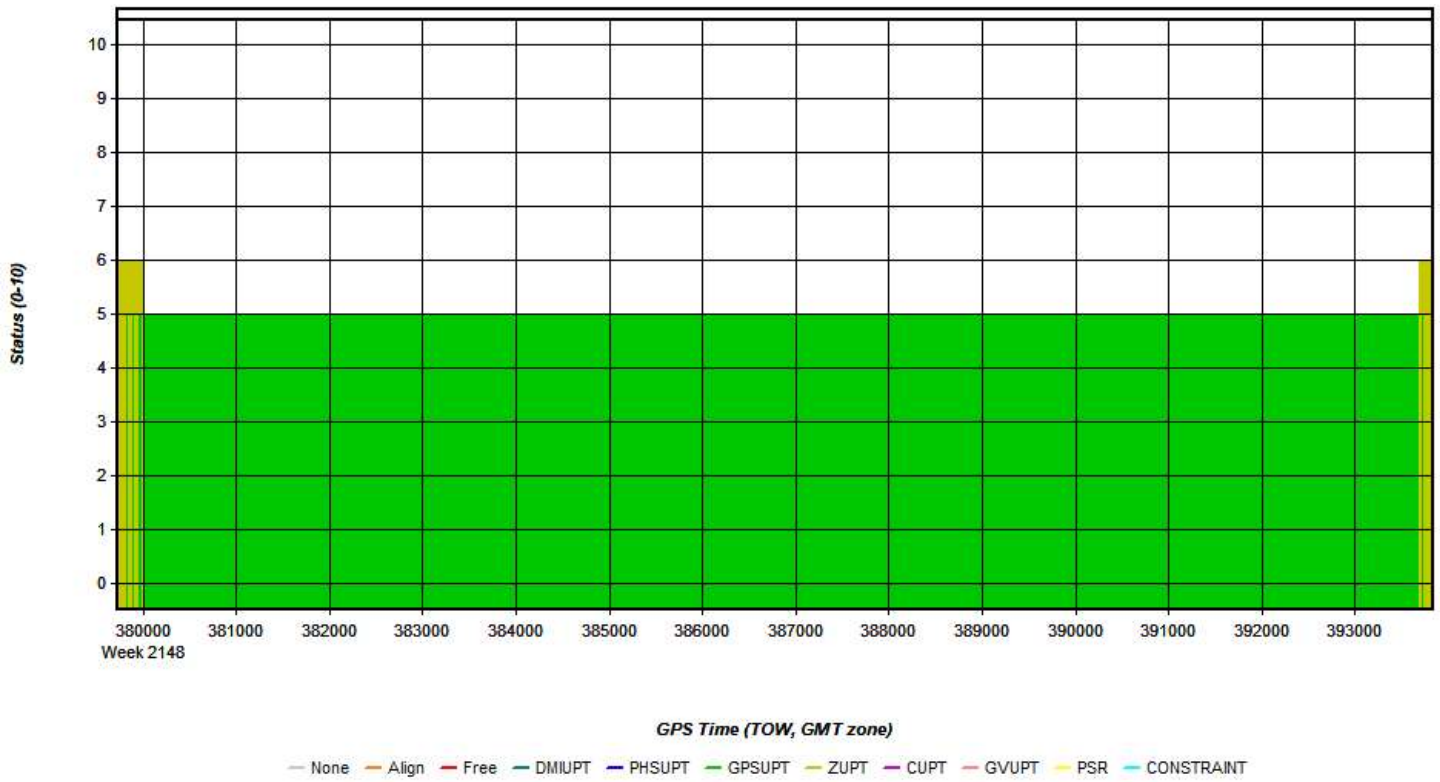
Process	20210311_092708_7	by Unknown	on 3/20/2021	at 21:06:04
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Figure 7: 20210311_092708_7 [Smoothed TC Combined] - Number of Satellites Line Plot



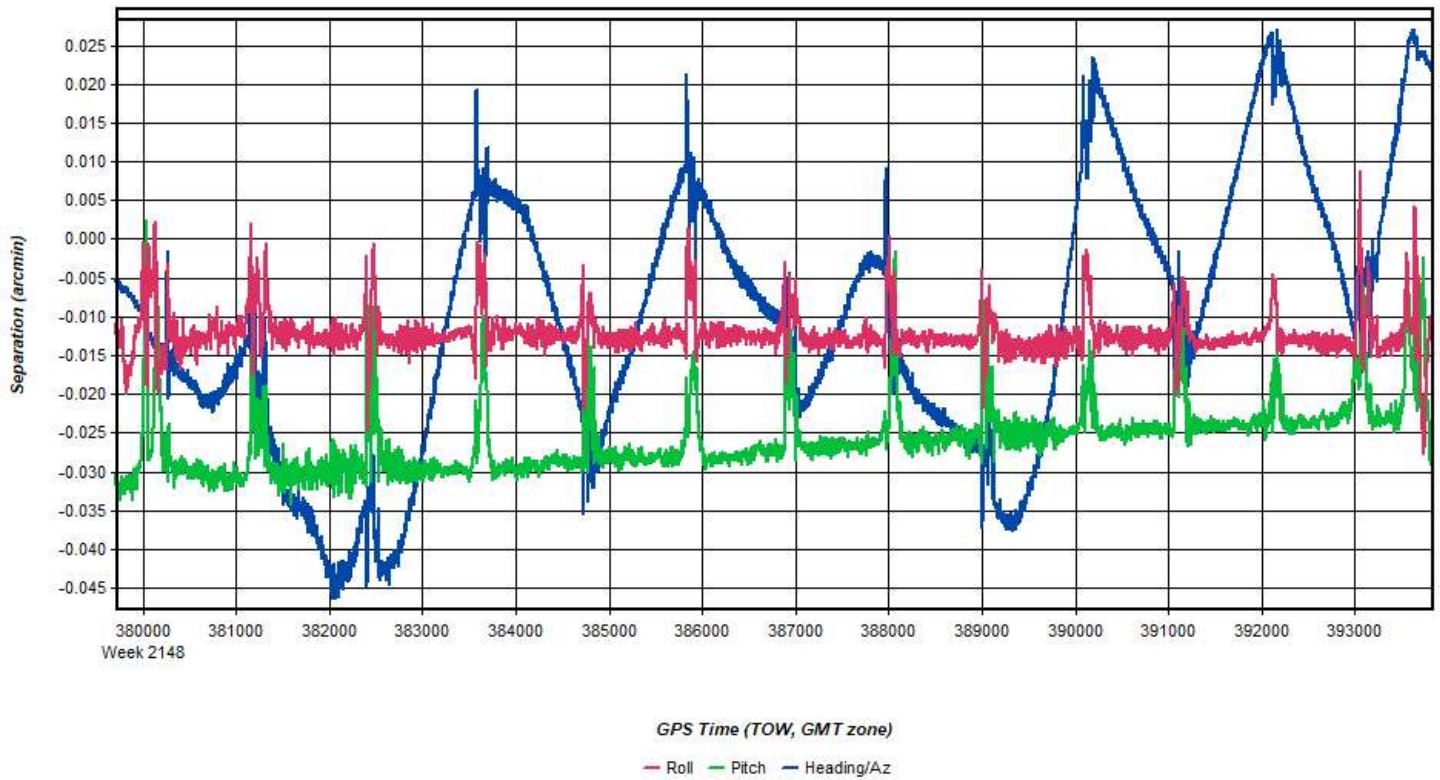
Process	20210311_092708_7	by Unknown	on 3/20/2021	at 21:06:04
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Figure 8: 20210311_092708_7 [Smoothed TC Combined] - Status flag for IMU processing



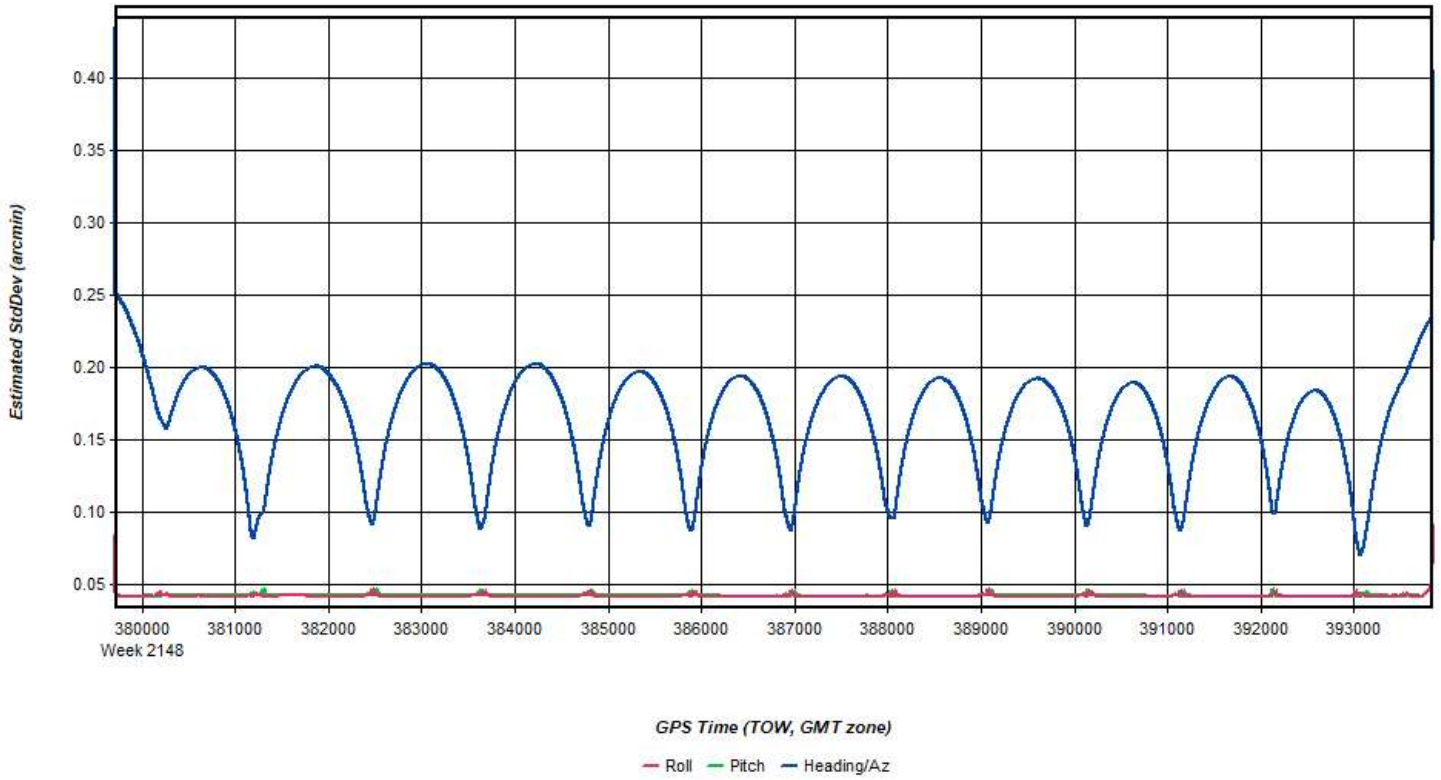
Process	20210311_092708_7	by Unknown	on 3/20/2021	at 21:06:04
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Figure 9: 20210311_092708_7 [Smoothed TC Combined] - Fwd/Rev Attitude Separation Plot



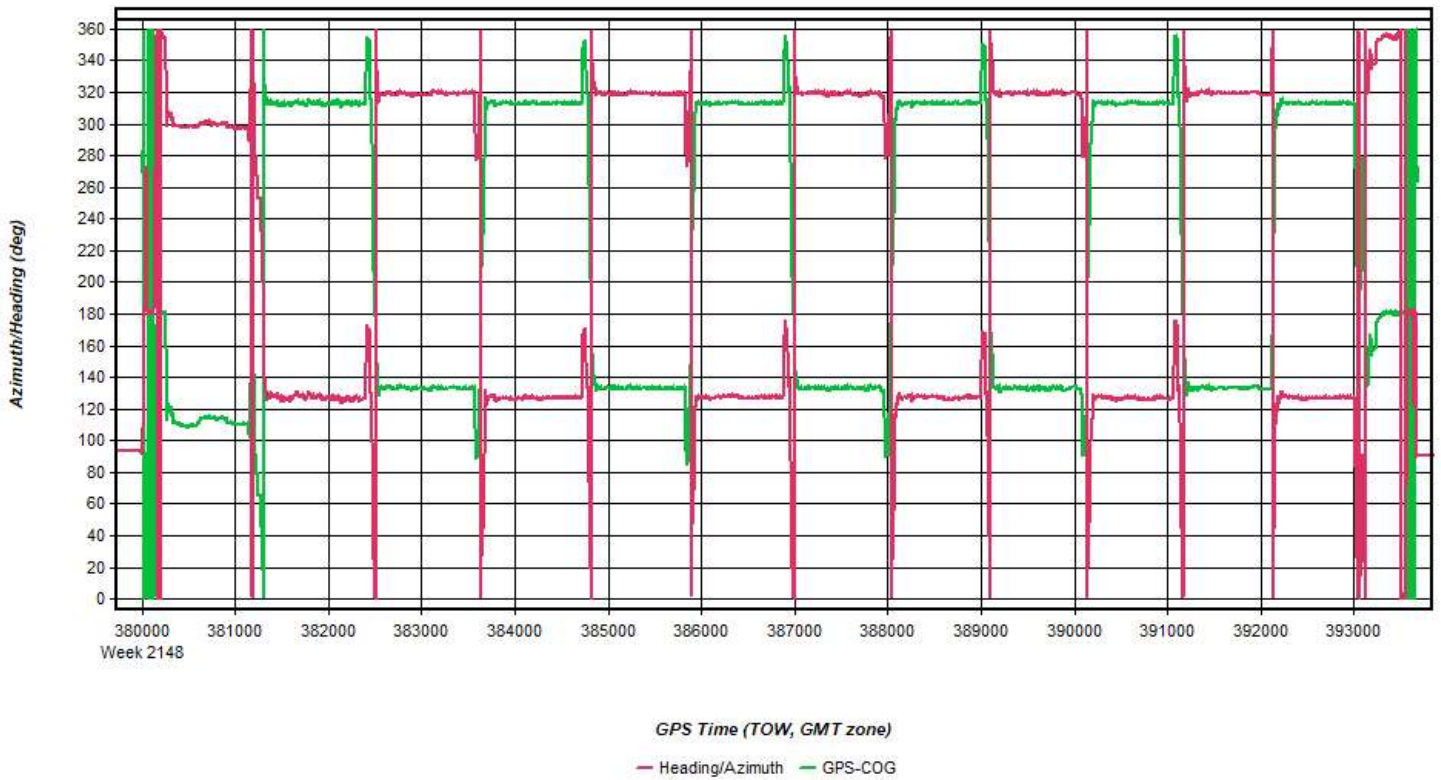
Process	20210311_092708_7	by Unknown	on 3/20/2021	at 21:06:04
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Figure 10: 20210311_092708_7 [Smoothed TC Combined] - Estimated Attitude Accuracy Plot



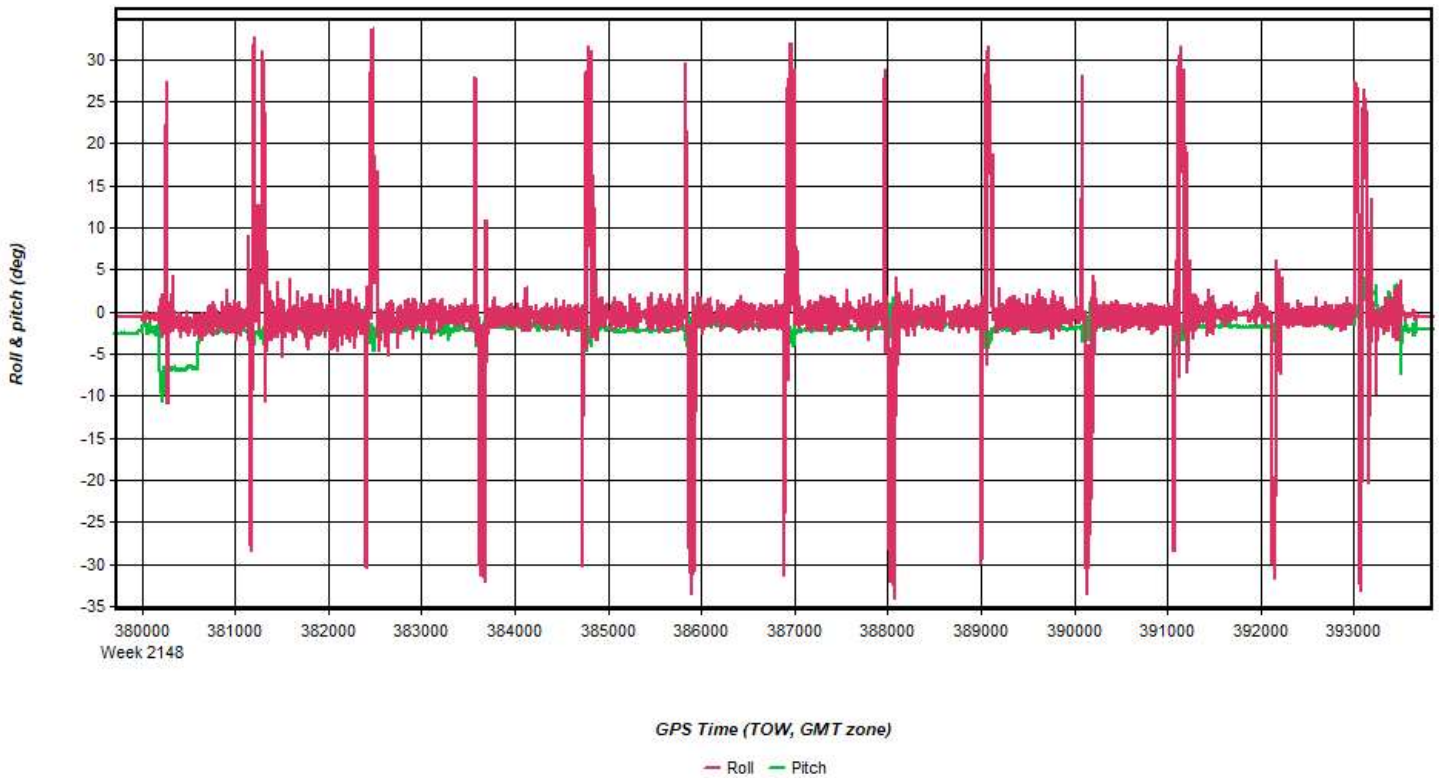
Process	20210311_092708_7	by Unknown	on 3/20/2021	at 21:06:04
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Figure 11: 20210311_092708_7 [Smoothed TC Combined] - Azimuth Plot



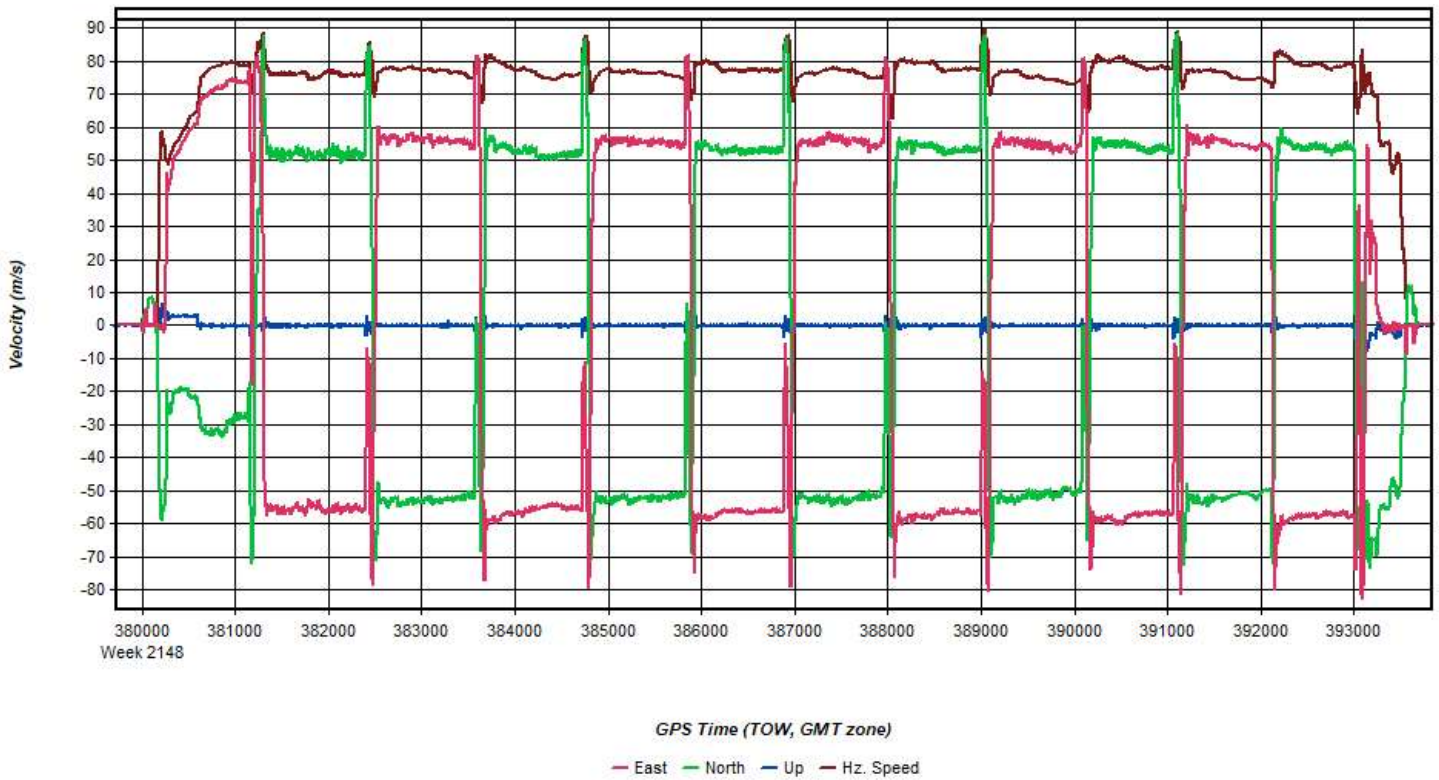
Process	20210311_092708_7	by Unknown	on 3/20/2021	at 21:06:04
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Figure 12: 20210311_092708_7 [Smoothed TC Combined] - Roll & Pitch Plot



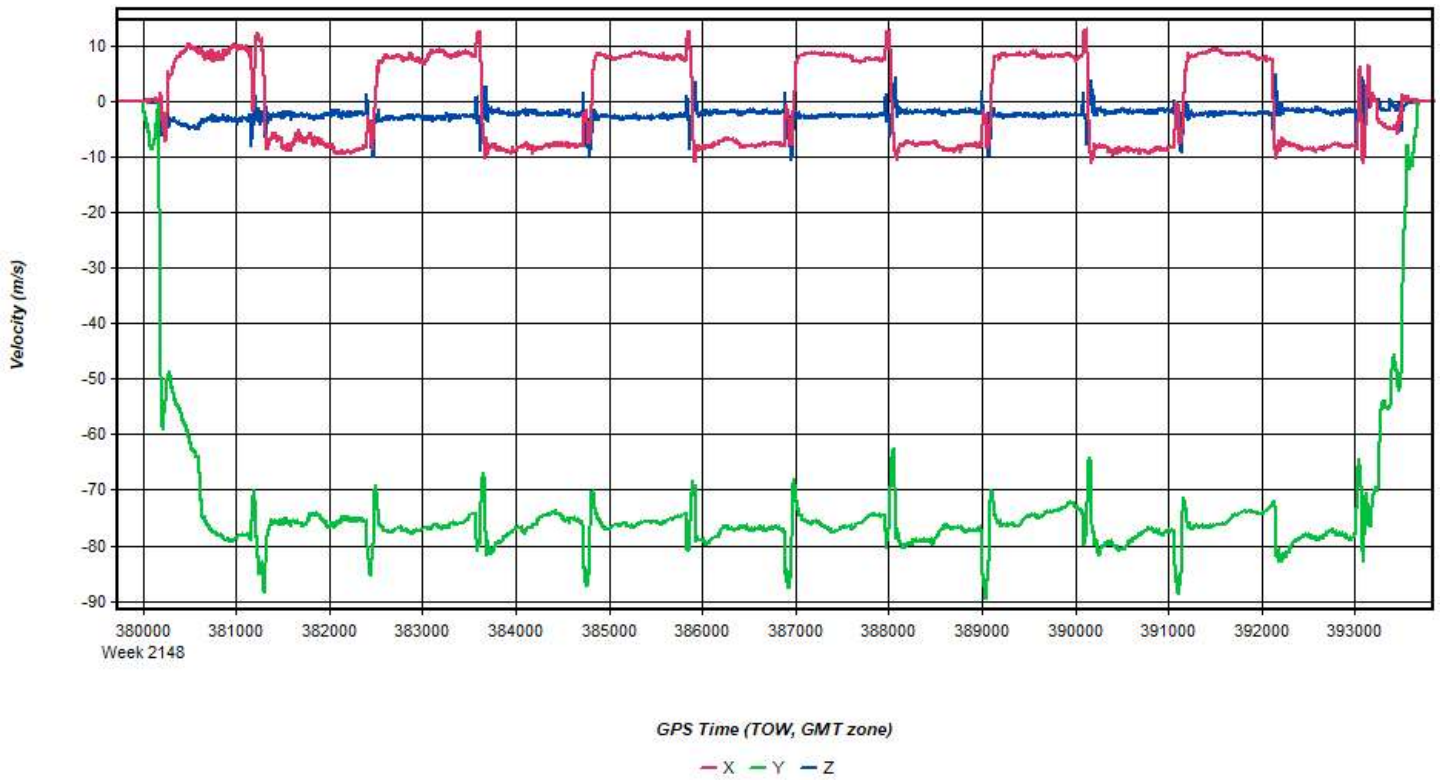
Process	20210311_092708_7	by Unknown	on 3/20/2021	at 21:06:04
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Figure 13: 20210311_092708_7 [Smoothed TC Combined] - Velocity Profile Plot



Process	20210311_092708_7	by Unknown	on 3/20/2021	at 21:06:04
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Figure 14: 20210311_092708_7 [Smoothed TC Combined] - Body Frame Velocity Plot



Process	20210311_092708_7	by Unknown	on 3/20/2021	at 21:06:04
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Figure 15: 20210311_092708_7 [Smoothed TC Combined] - Height Profile Plot



Process	20210311_092708_7	by Unknown	on 3/20/2021	at 21:06:04
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Figure 16: 20210311_092708_7 [Smoothed TC Combined] - C/A Code Residual RMS Plot

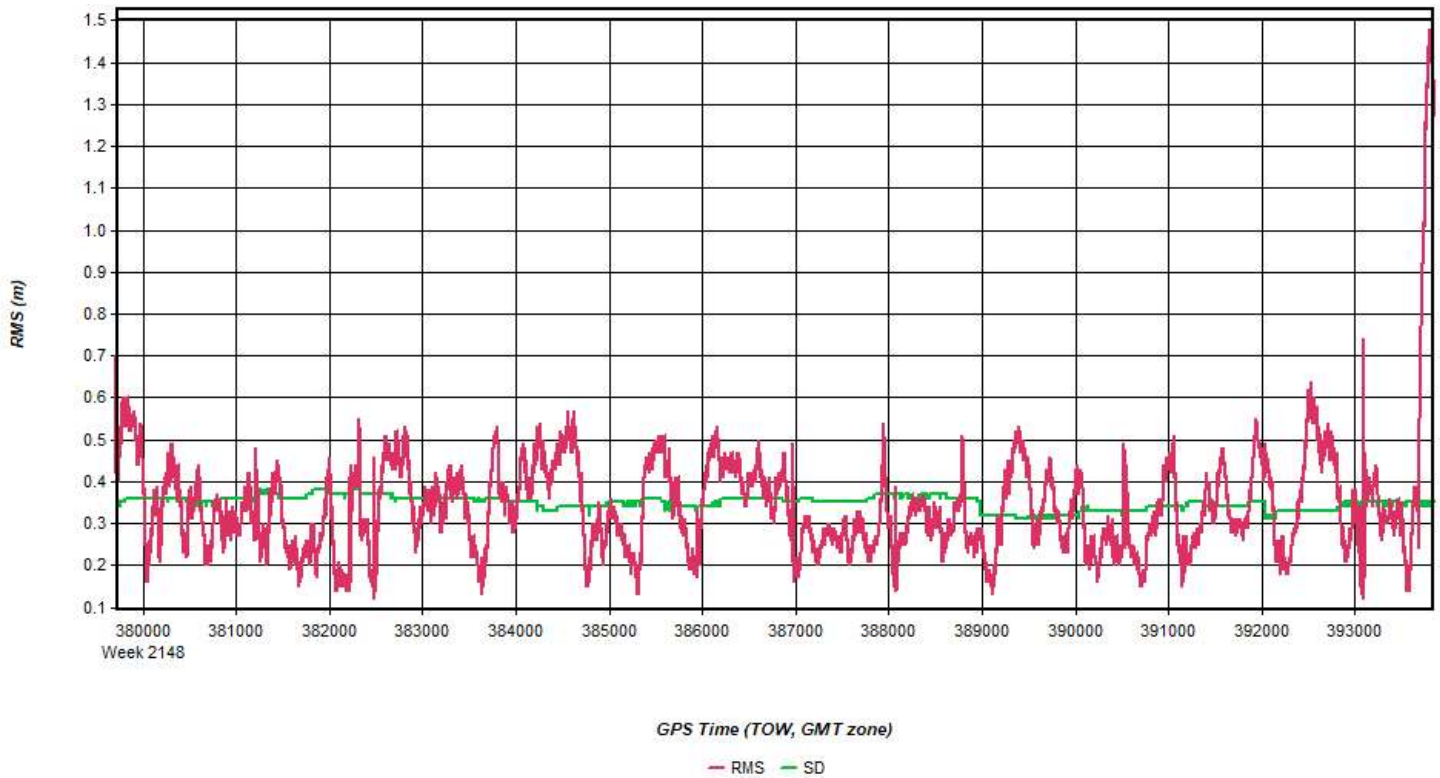


Figure 17: 20210311_092708_7 [Smoothed TC Combined] - Carrier Residual RMS Plot

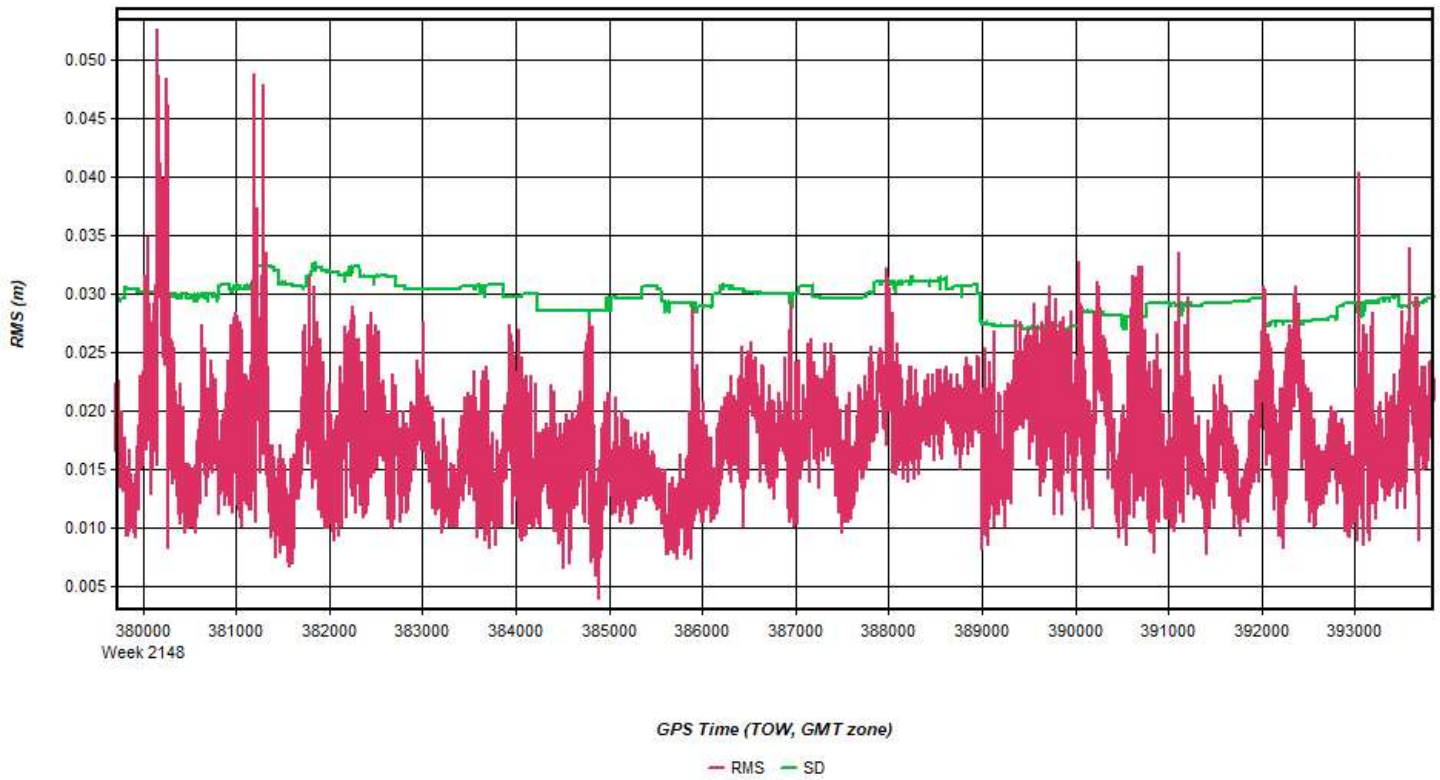
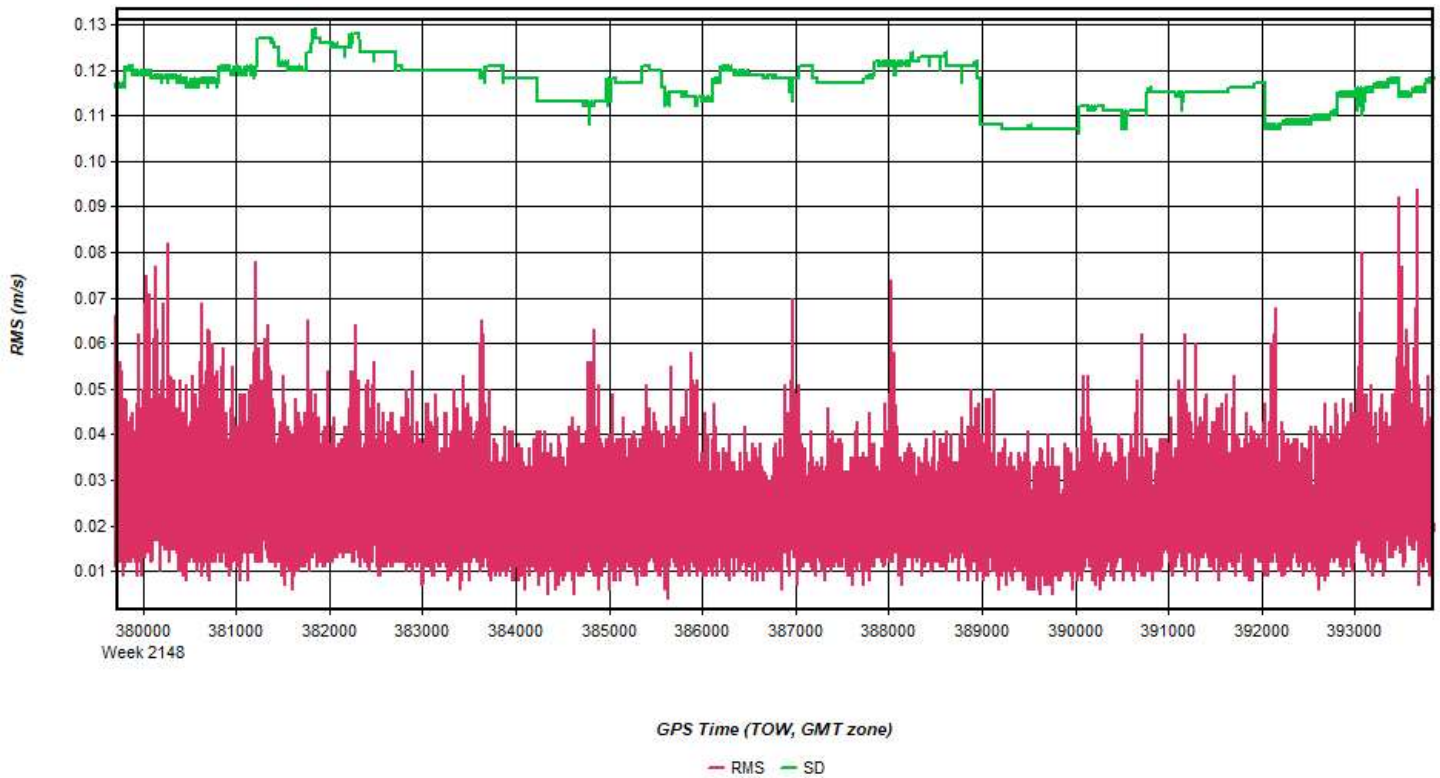
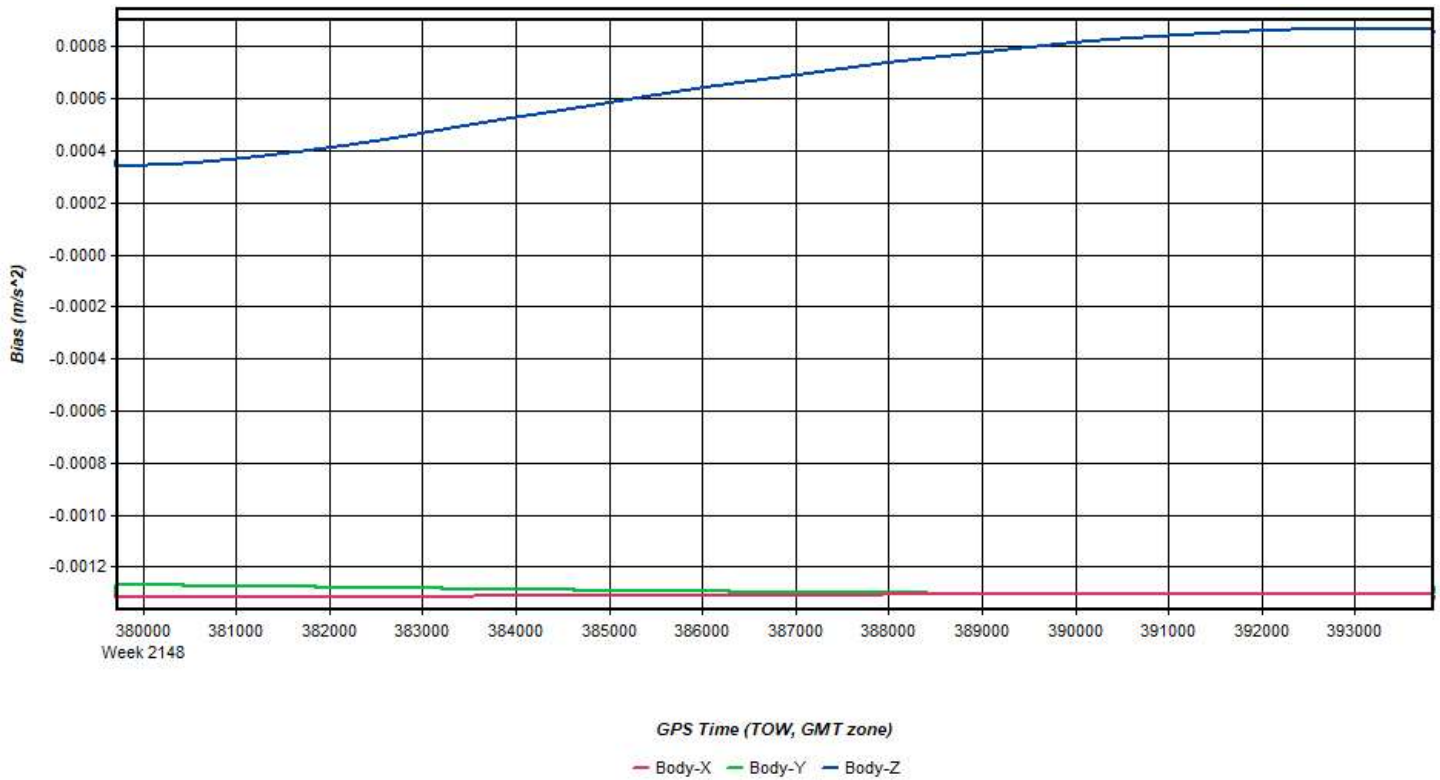


Figure 18: 20210311_092708_7 [Smoothed TC Combined] - Doppler Residual RMS Plot



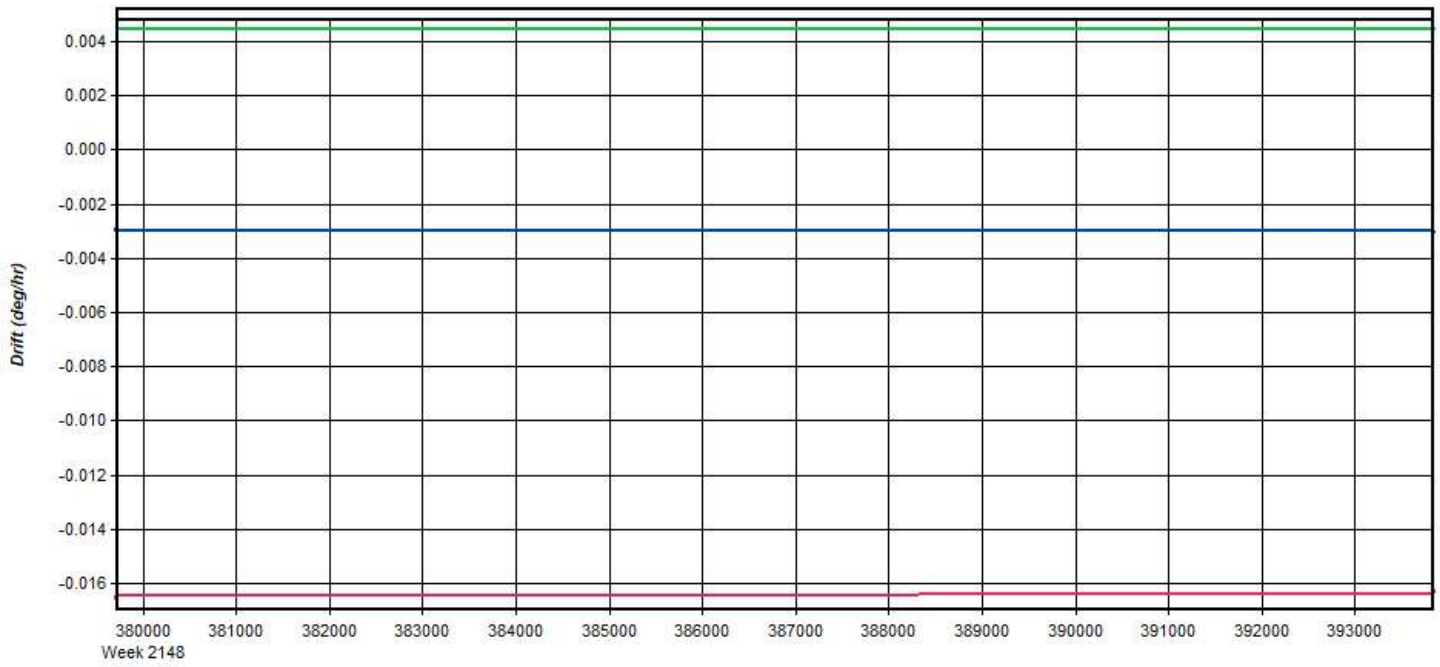
Process	20210311_092708_7	by Unknown	on 3/20/2021	at 21:06:04
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Figure 19: 20210311_092708_7 [Smoothed TC Combined] - Accelerometer Bias Plot



Process	20210311_092708_7	by Unknown	on 3/20/2021	at 21:06:04
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Figure 20: 20210311_092708_7 [Smoothed TC Combined] - Gyro Drift Plot



GPS Time (TOW, GMT zone)

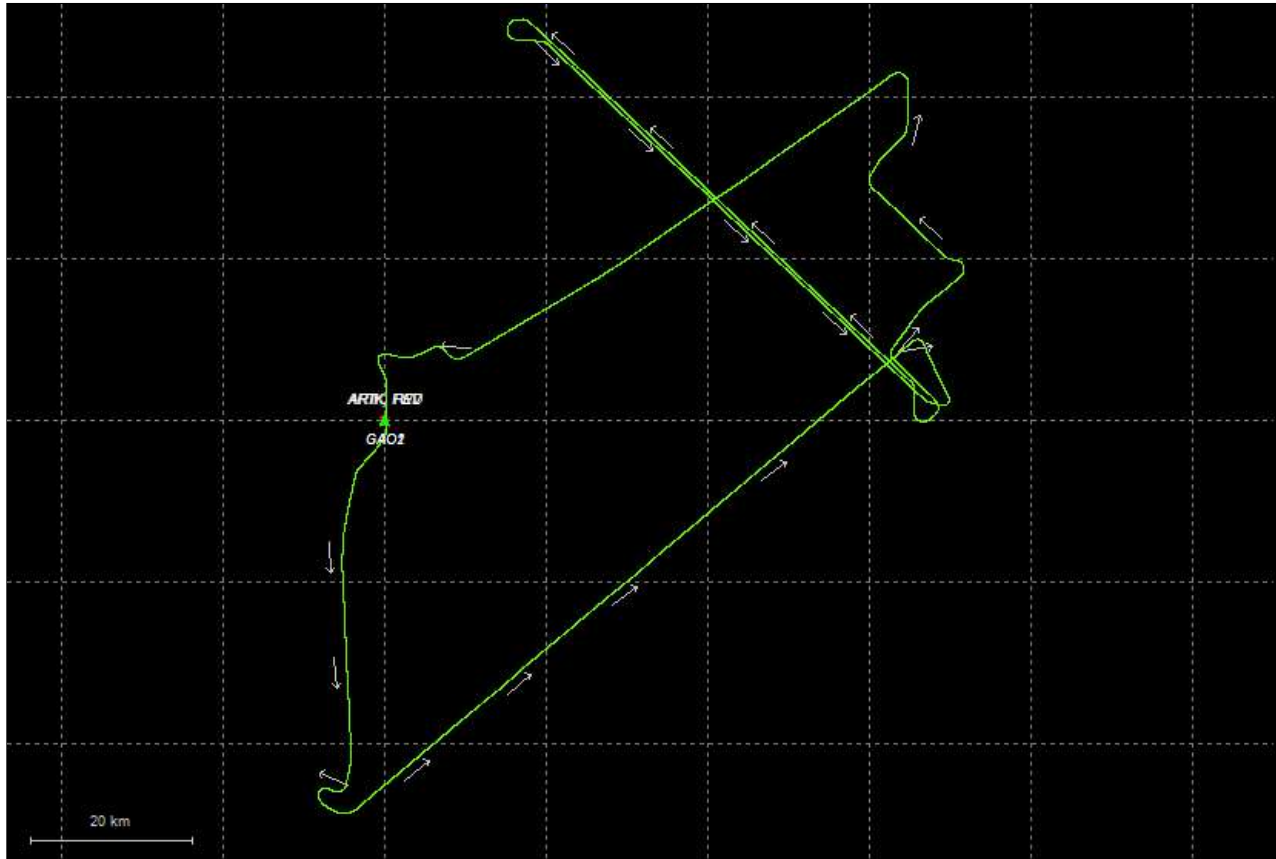
— Body-X — Body-Y — Body-Z

Process	20210311_092708_7	by Unknown	on 3/20/2021	at 21:06:04
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Output Results for 20210311_142847_8

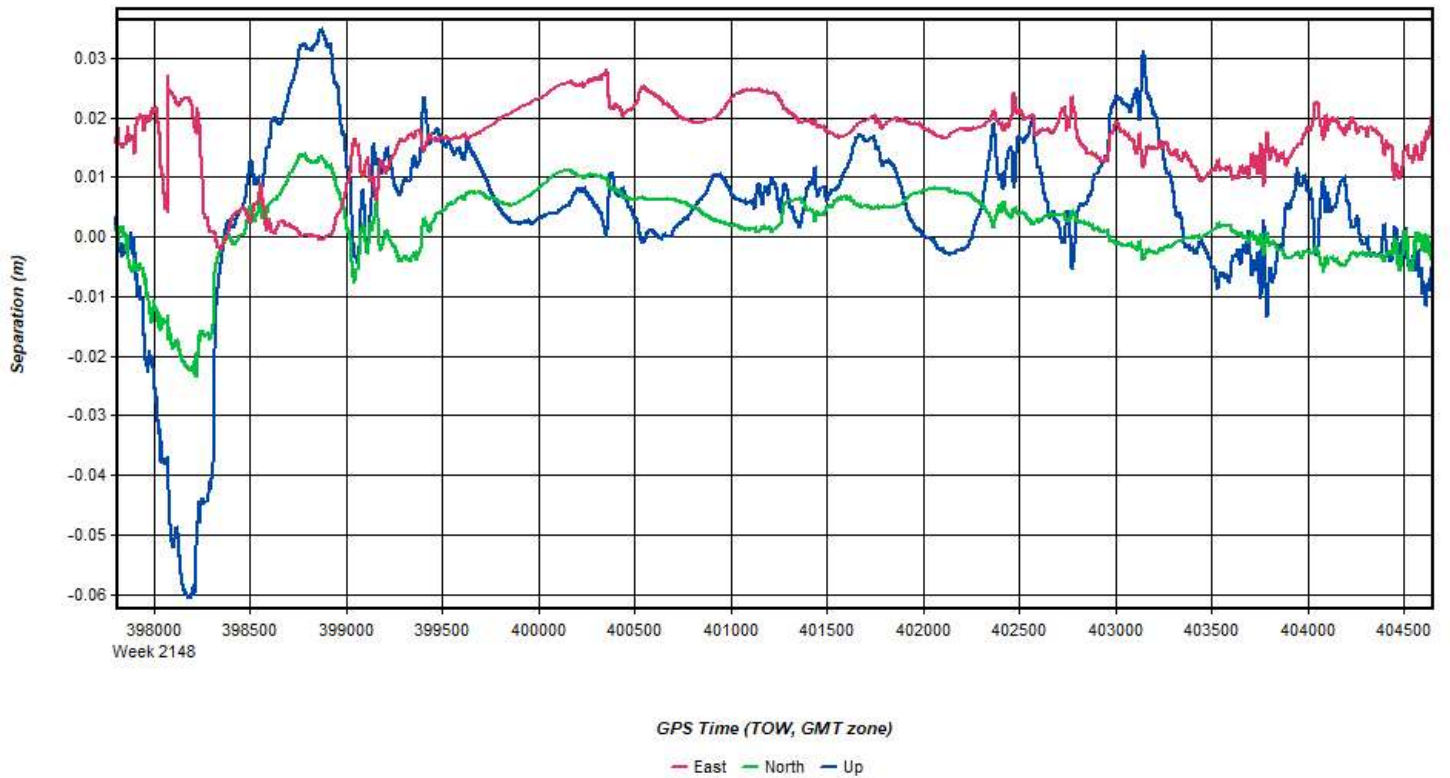
Inertial Explorer Version 8.90.2124
03/20/2021

Figure 1: Smoothed TC Combined - Map



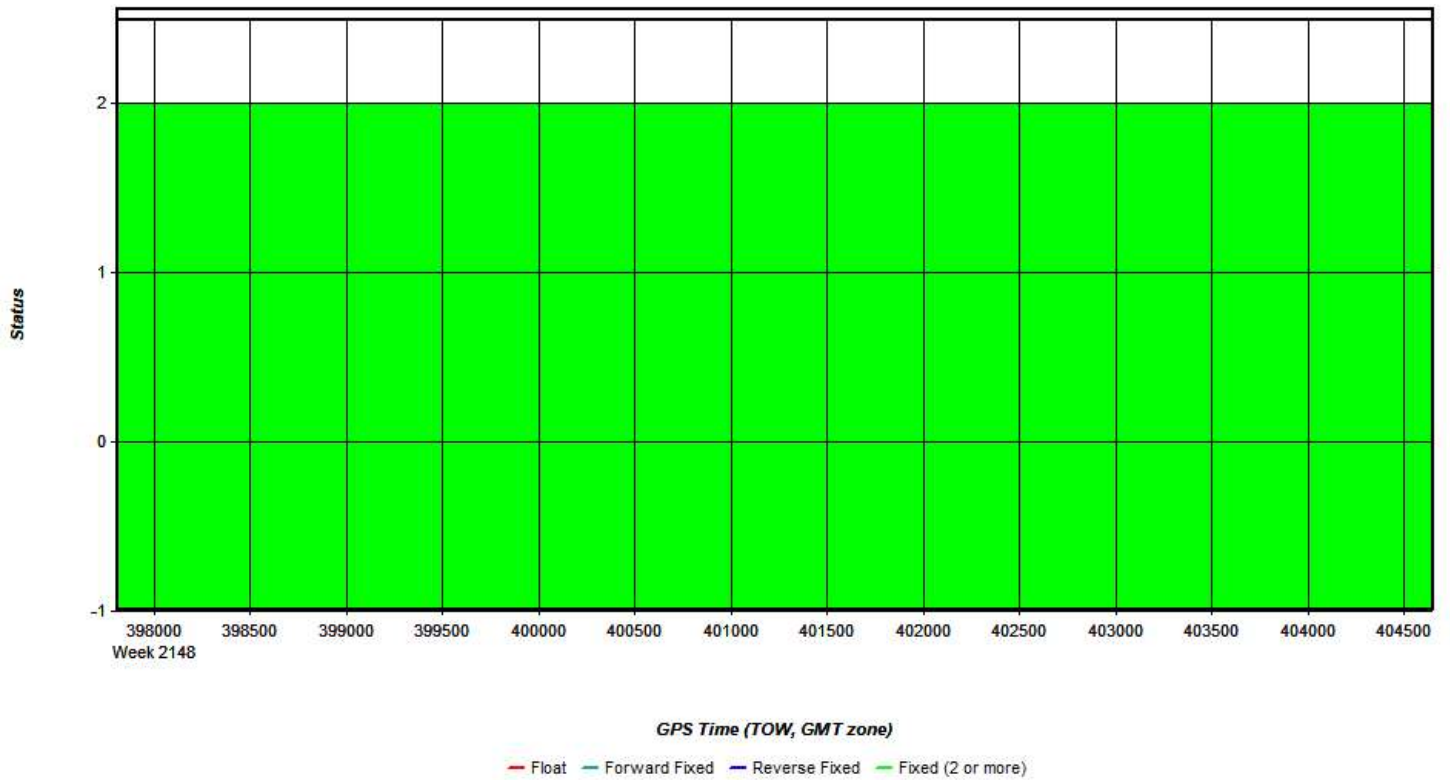
Process	20210311_142847_8	by Unknown	on 3/20/2021	at 22:08:45
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Figure 2: 20210311_142847_8 [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot



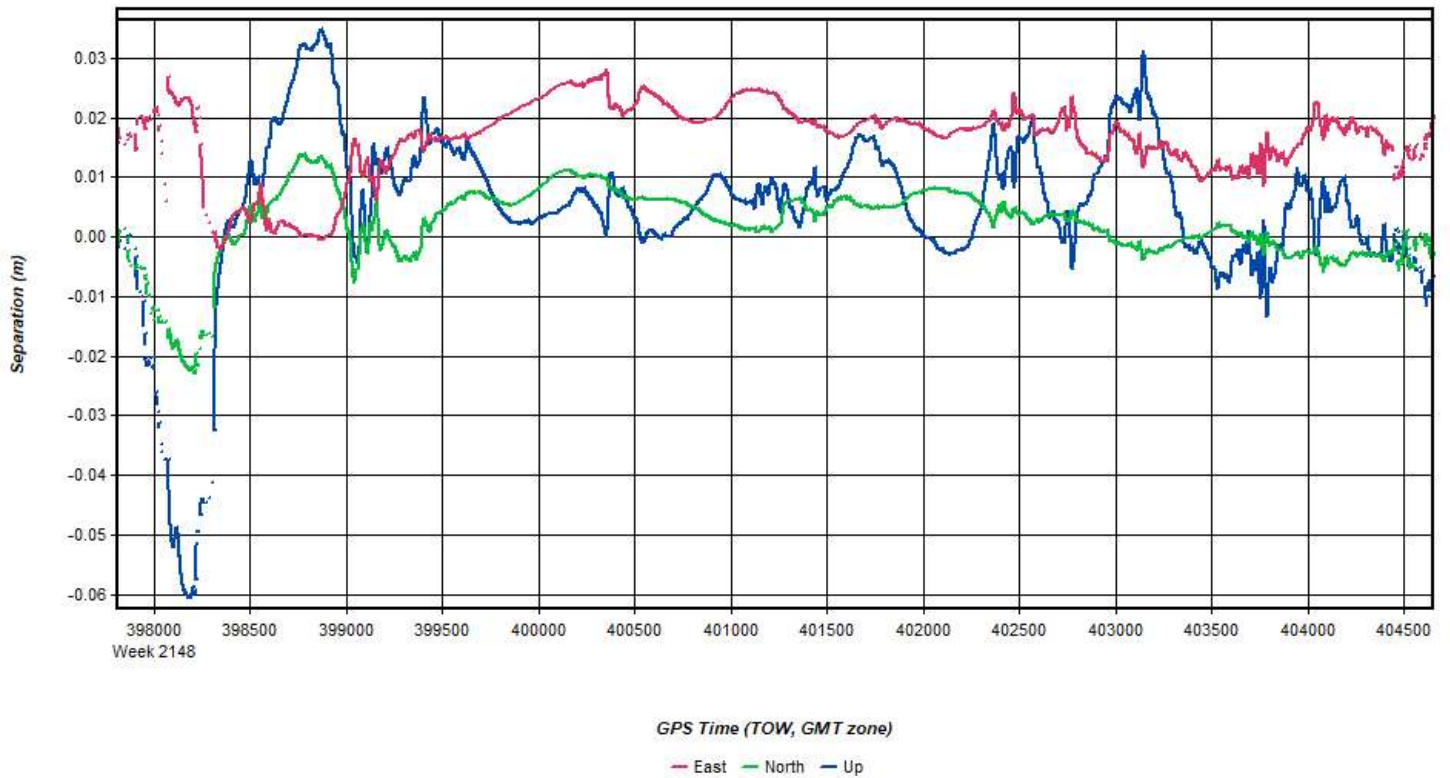
Process	20210311_142847_8	by Unknown	on 3/20/2021	at 22:08:45
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Figure 3: 20210311_142847_8 [Smoothed TC Combined] - Float or Fixed Ambiguity



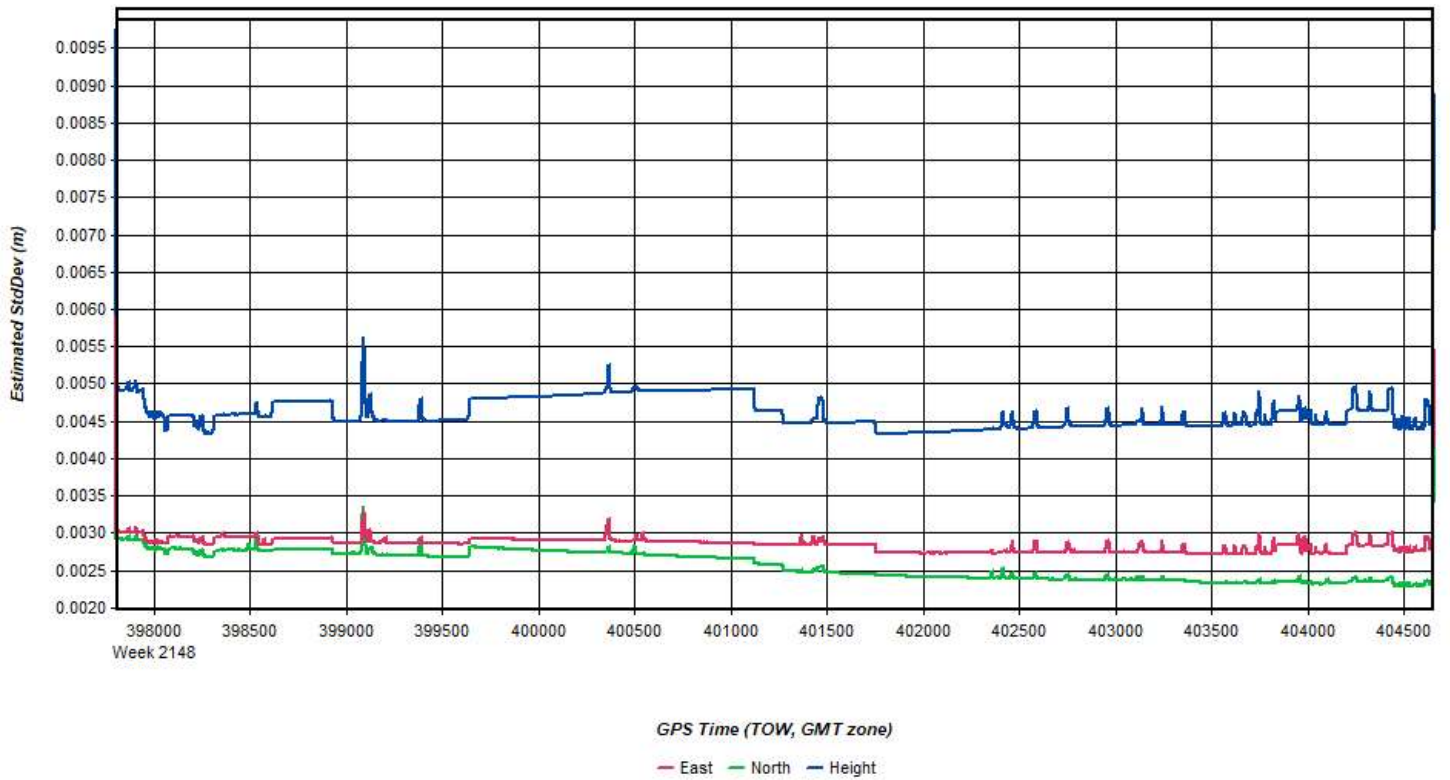
Process	20210311_142847_8	by Unknown	on 3/20/2021	at 22:08:45
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Figure 4: 20210311_142847_8 [Smoothed TC Combined] - Forward/Reverse Separation Plot (Fixed)



Process	20210311_142847_8	by Unknown	on 3/20/2021	at 22:08:45
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Figure 5: 20210311_142847_8 [Smoothed TC Combined] - Estimated Position Accuracy Plot



Process	20210311_142847_8	by Unknown	on 3/20/2021	at 22:08:45
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Figure 6: 20210311_142847_8 [Smoothed TC Combined] - PDOP Plot



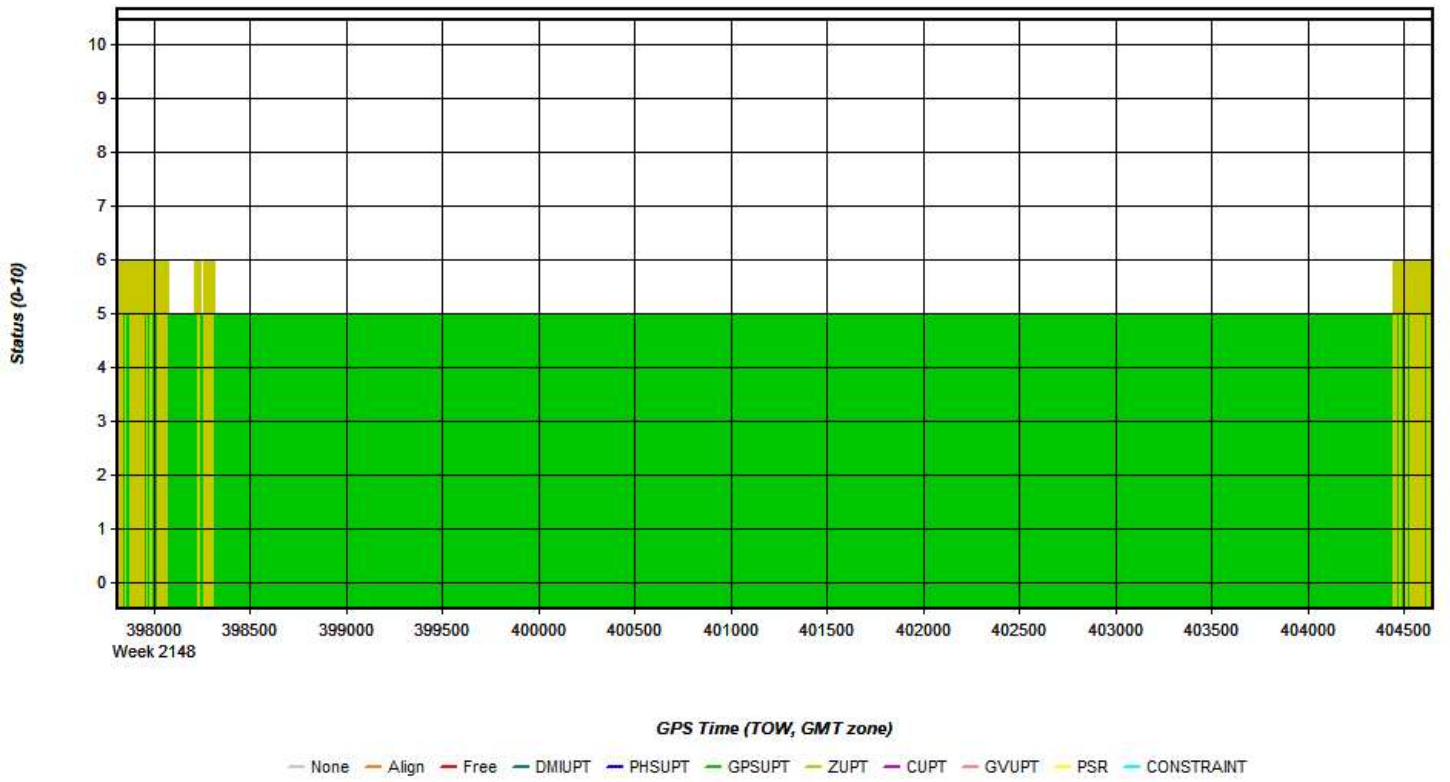
Process	20210311_142847_8	by Unknown	on 3/20/2021	at 22:08:45
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Figure 7: 20210311_142847_8 [Smoothed TC Combined] - Number of Satellites Line Plot



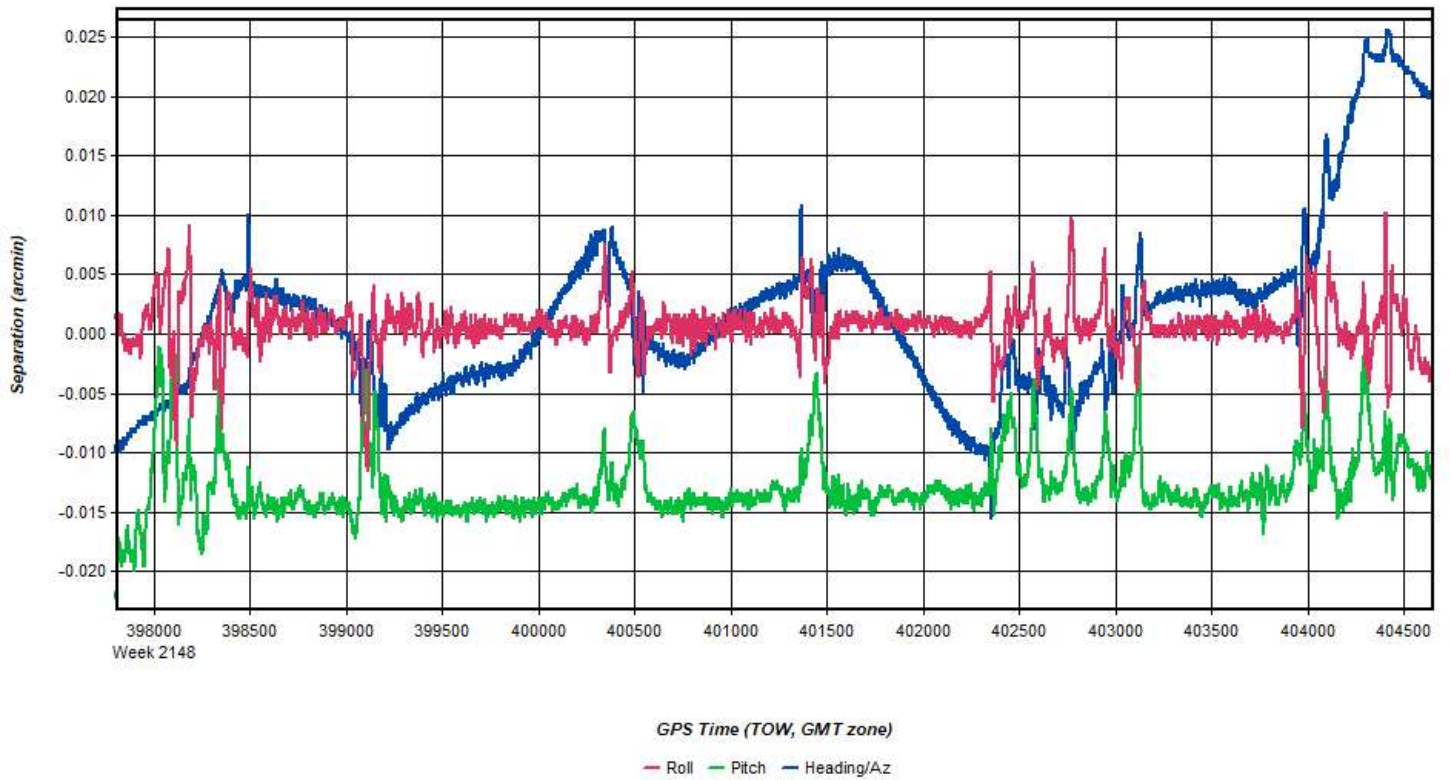
Process	20210311_142847_8	by Unknown	on 3/20/2021	at 22:08:45
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Figure 8: 20210311_142847_8 [Smoothed TC Combined] - Status flag for IMU processing



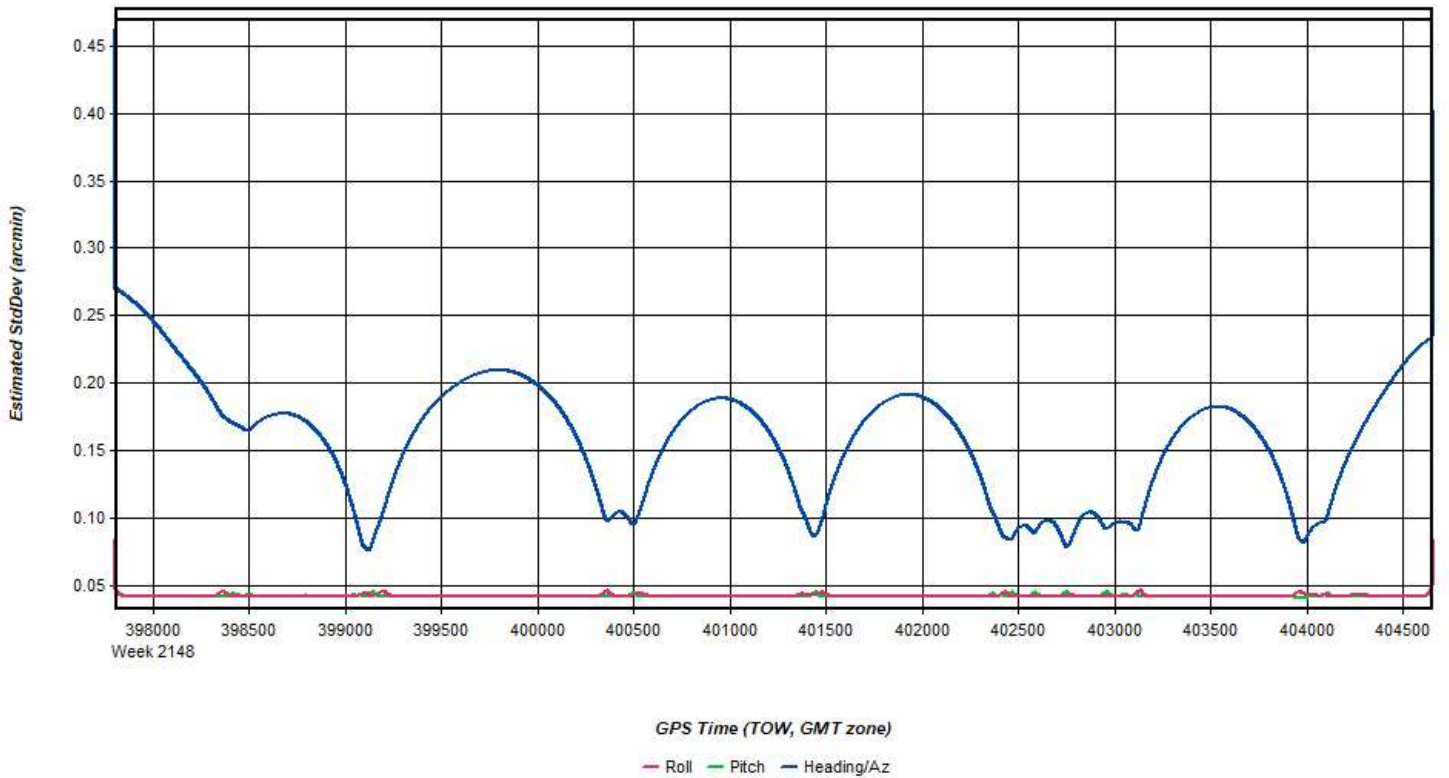
Process	20210311_142847_8	by Unknown	on 3/20/2021	at 22:08:45
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Figure 9: 20210311_142847_8 [Smoothed TC Combined] - Fwd/Rev Attitude Separation Plot



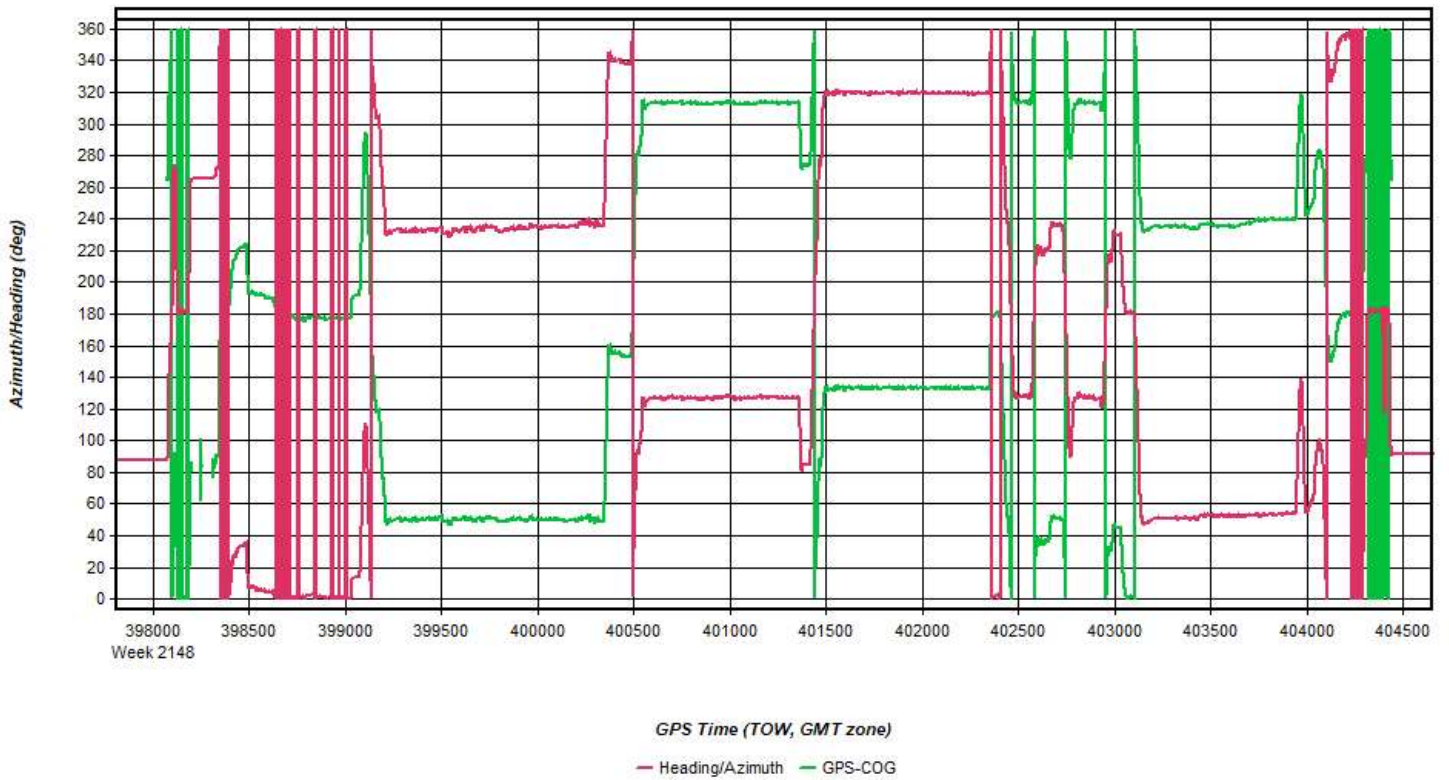
Process	20210311_142847_8	by Unknown	on 3/20/2021	at 22:08:45
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Figure 10: 20210311_142847_8 [Smoothed TC Combined] - Estimated Attitude Accuracy Plot



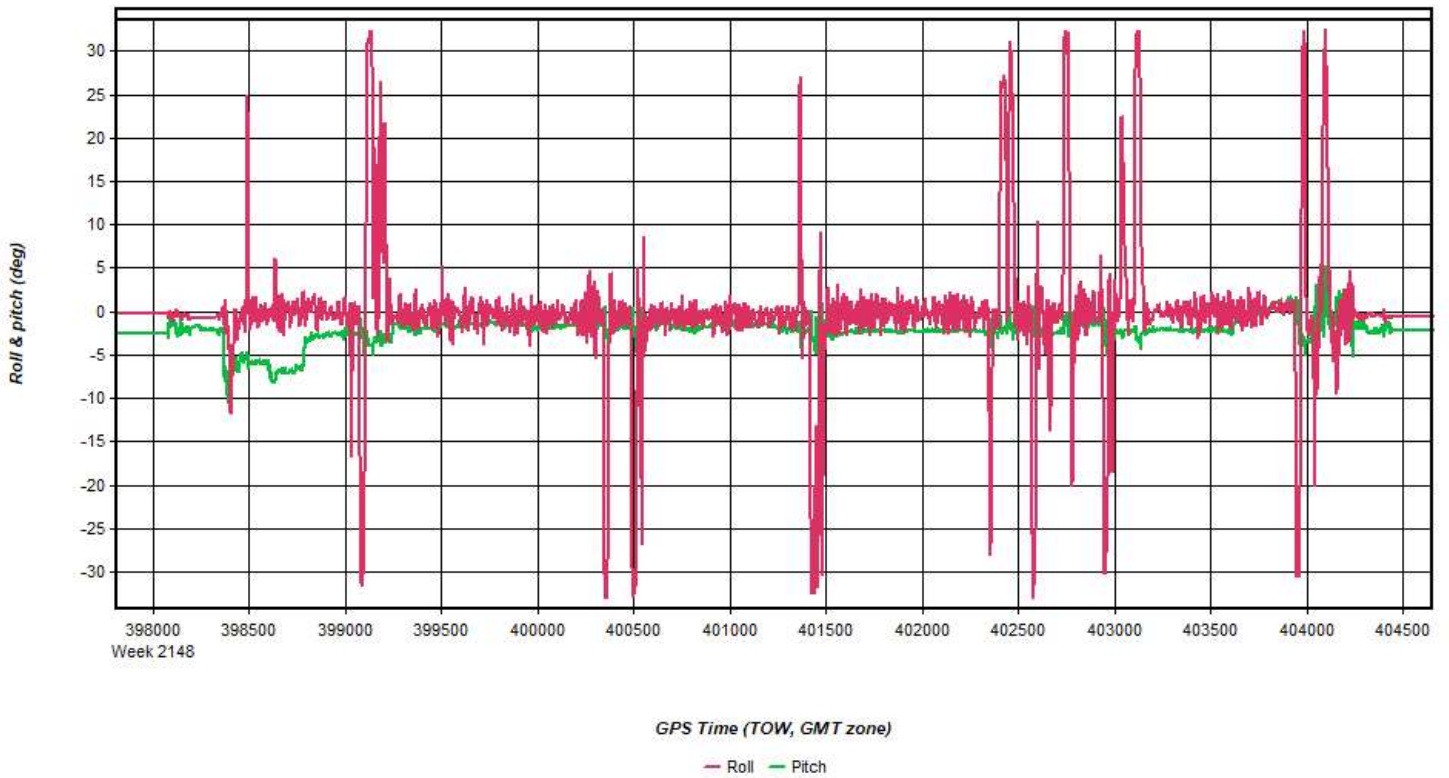
Process	20210311_142847_8	by Unknown	on 3/20/2021	at 22:08:45
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Figure 11: 20210311_142847_8 [Smoothed TC Combined] - Azimuth Plot



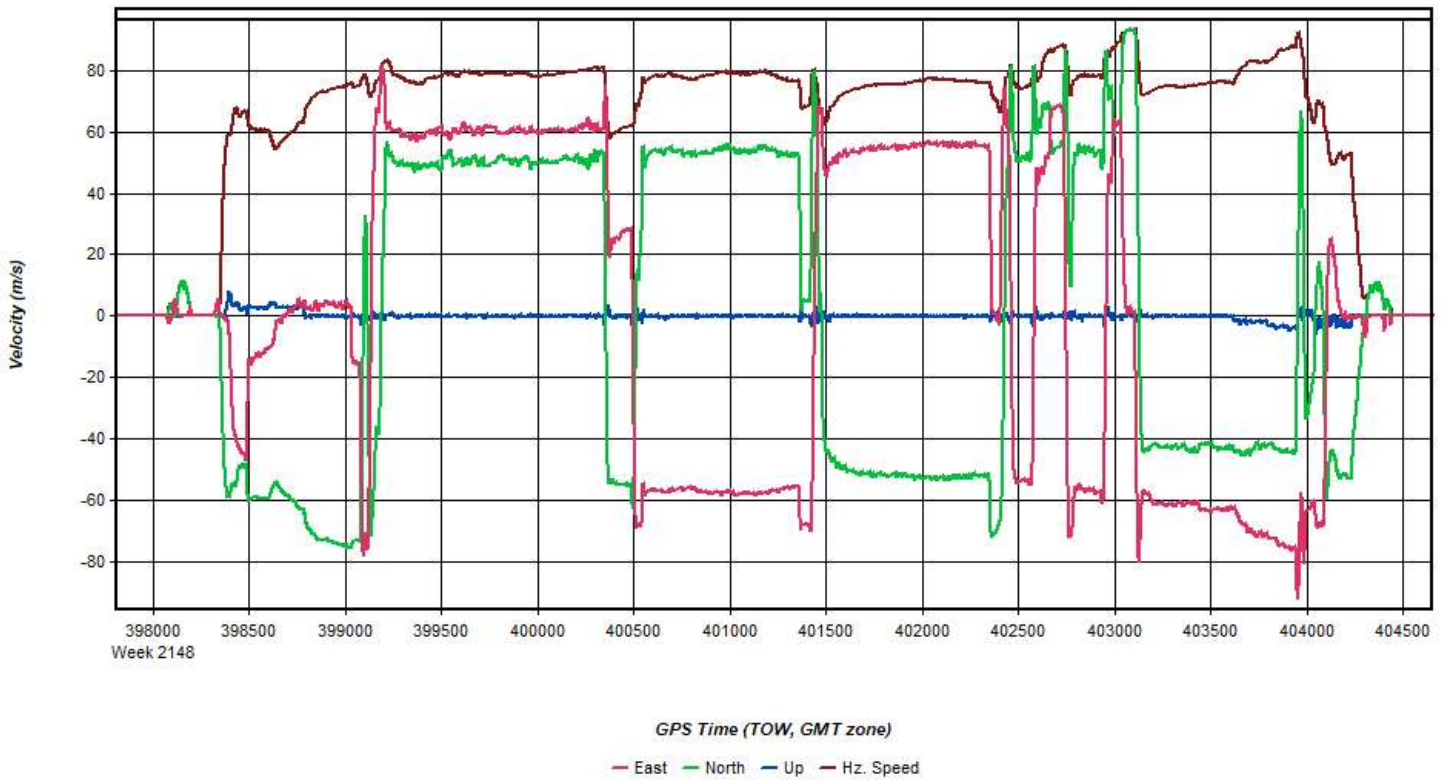
Process	20210311_142847_8	by Unknown	on 3/20/2021	at 22:08:45
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Figure 12: 20210311_142847_8 [Smoothed TC Combined] - Roll & Pitch Plot



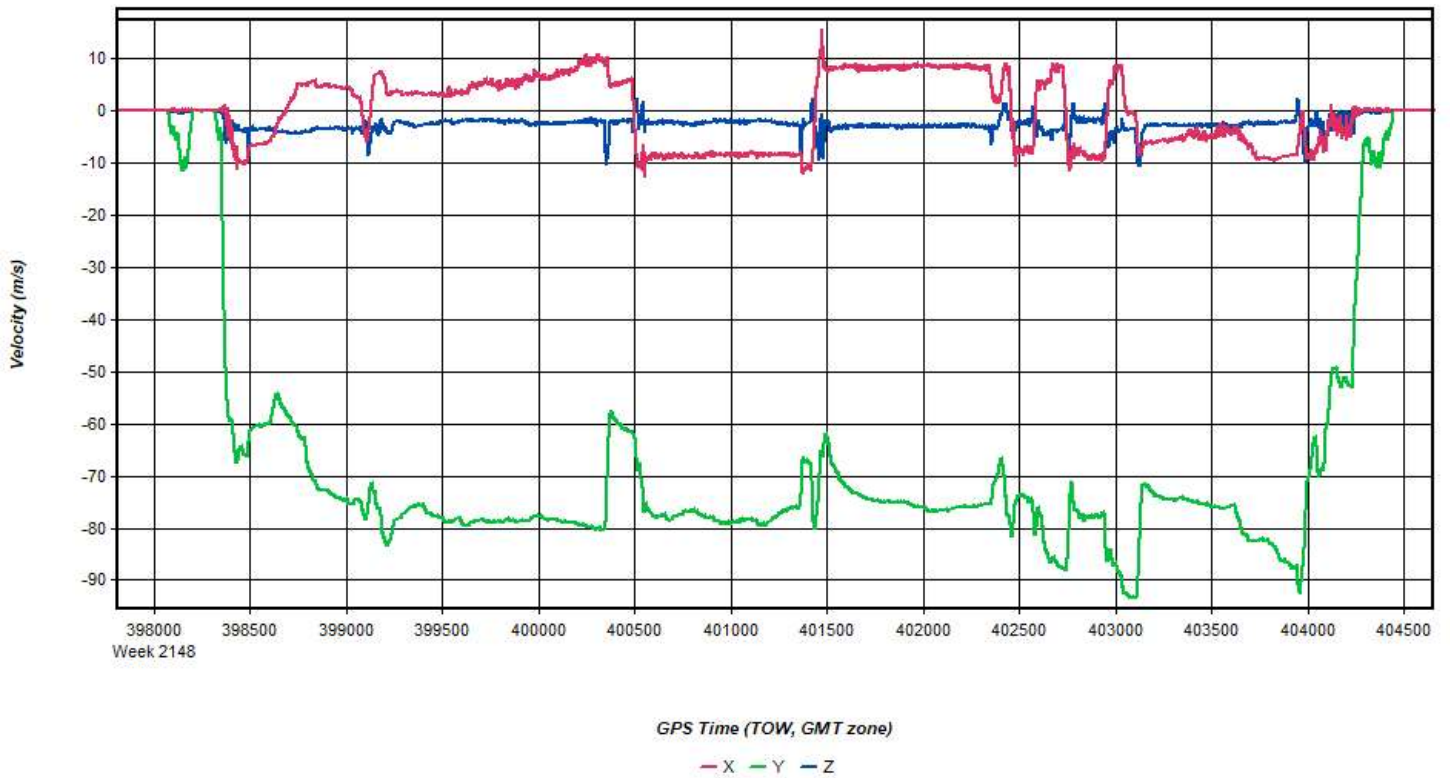
Process	20210311_142847_8	by Unknown	on 3/20/2021	at 22:08:45
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Figure 13: 20210311_142847_8 [Smoothed TC Combined] - Velocity Profile Plot



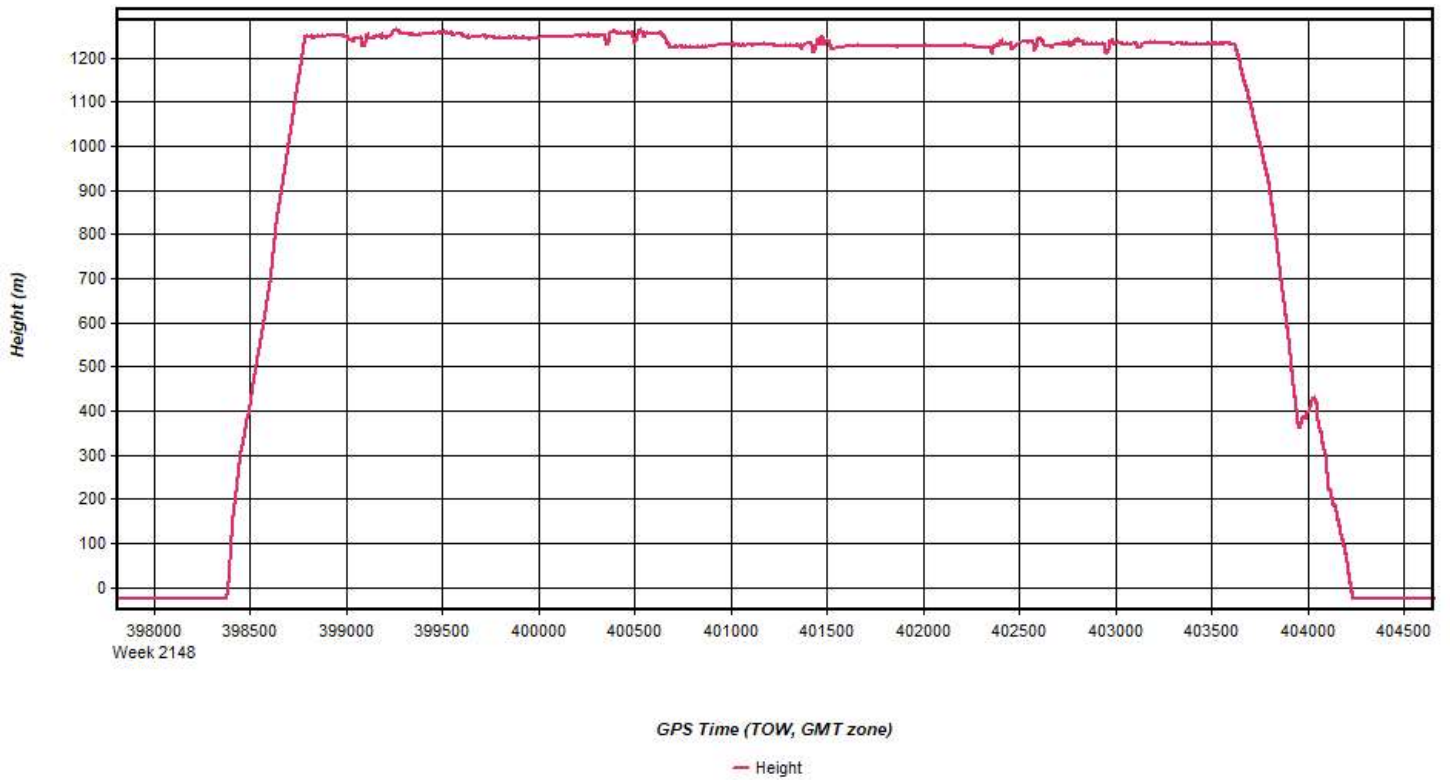
Process	20210311_142847_8	by Unknown	on 3/20/2021	at 22:08:45
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Figure 14: 20210311_142847_8 [Smoothed TC Combined] - Body Frame Velocity Plot



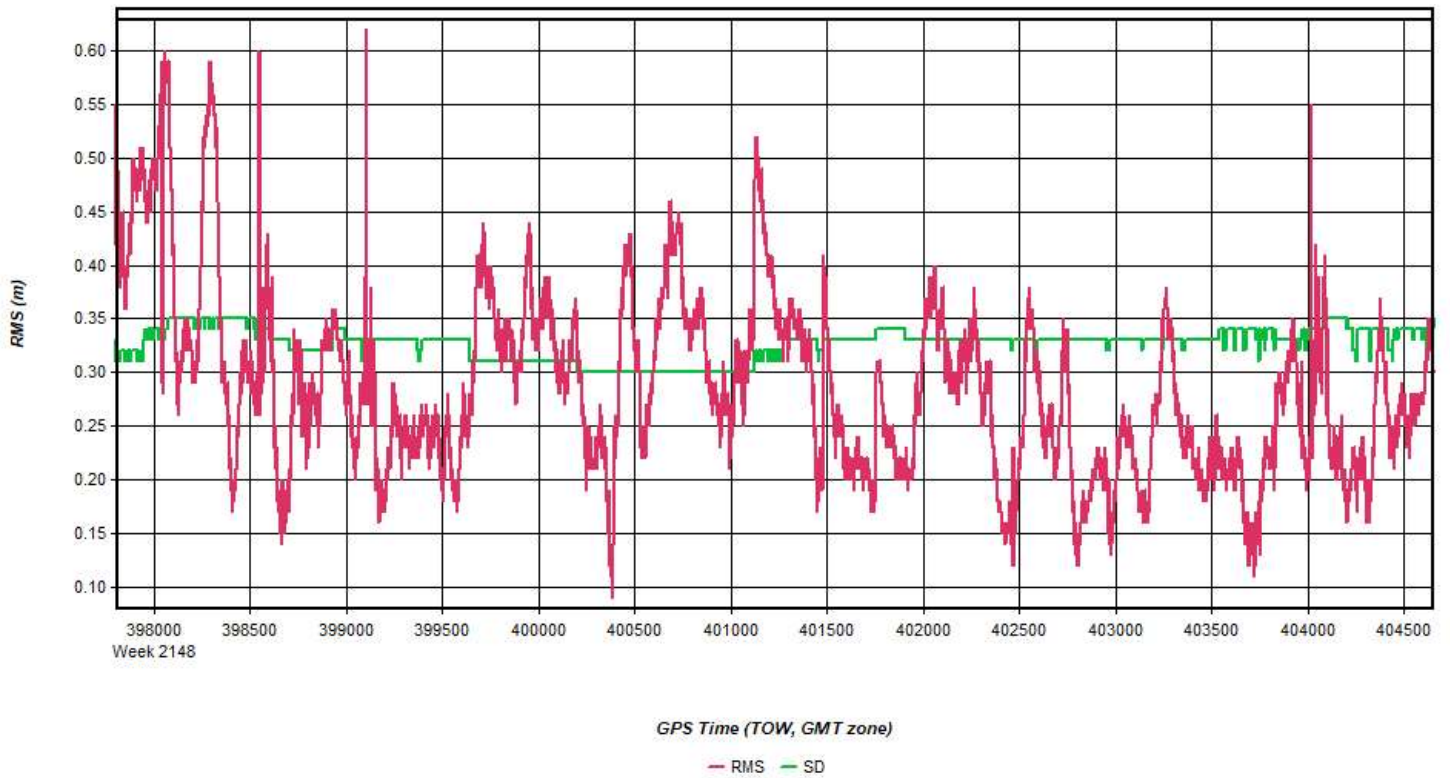
Process	20210311_142847_8	by Unknown	on 3/20/2021	at 22:08:45
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Figure 15: 20210311_142847_8 [Smoothed TC Combined] - Height Profile Plot



Process	20210311_142847_8	by Unknown	on 3/20/2021	at 22:08:45
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Figure 16: 20210311_142847_8 [Smoothed TC Combined] - C/A Code Residual RMS Plot



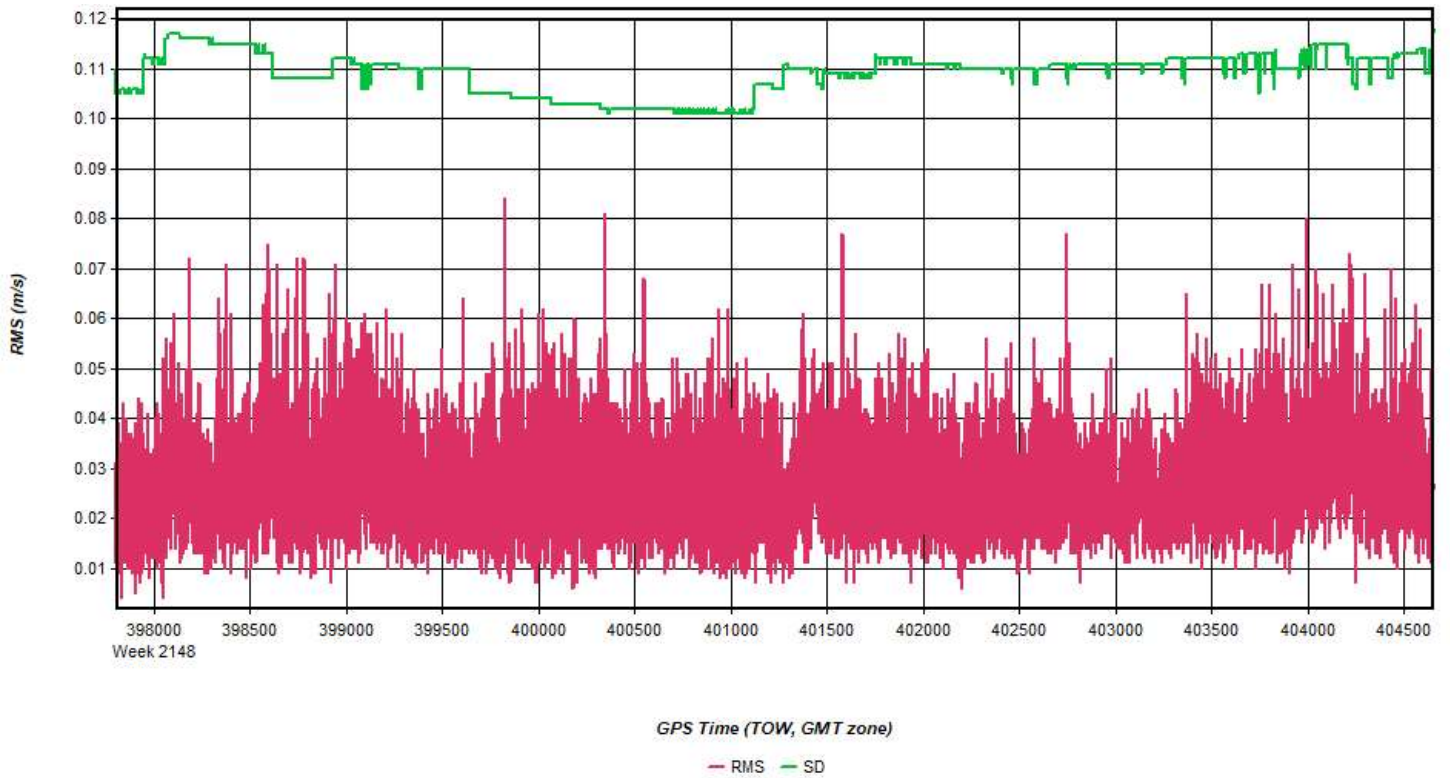
Process	20210311_142847_8	by Unknown	on 3/20/2021	at 22:08:45
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Figure 17: 20210311_142847_8 [Smoothed TC Combined] - Carrier Residual RMS Plot



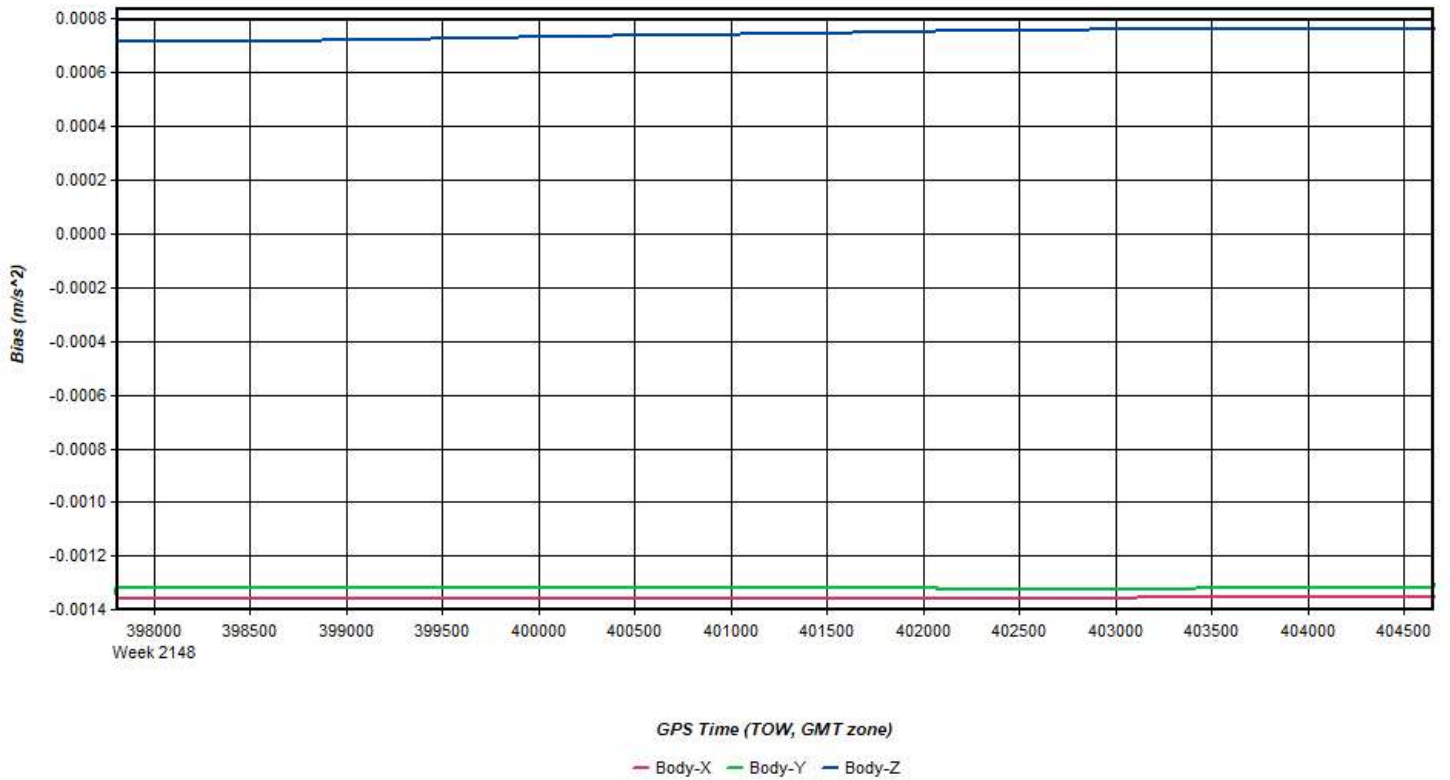
Process	20210311_142847_8	by Unknown	on 3/20/2021	at 22:08:45
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Figure 18: 20210311_142847_8 [Smoothed TC Combined] - Doppler Residual RMS Plot



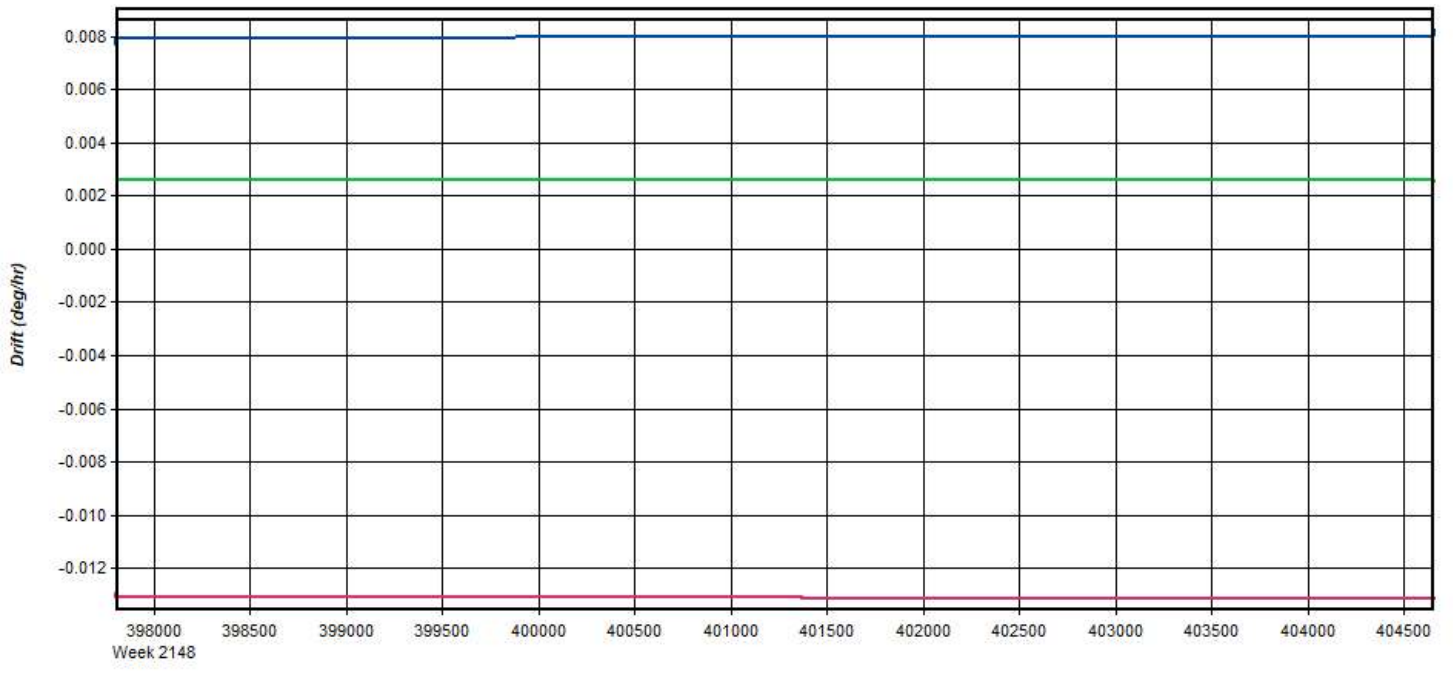
Process	20210311_142847_8	by Unknown	on 3/20/2021	at 22:08:45
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Figure 19: 20210311_142847_8 [Smoothed TC Combined] - Accelerometer Bias Plot



Process	20210311_142847_8	by Unknown	on 3/20/2021	at 22:08:45
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Figure 20: 20210311_142847_8 [Smoothed TC Combined] - Gyro Drift Plot



GPS Time (TOW, GMT zone)

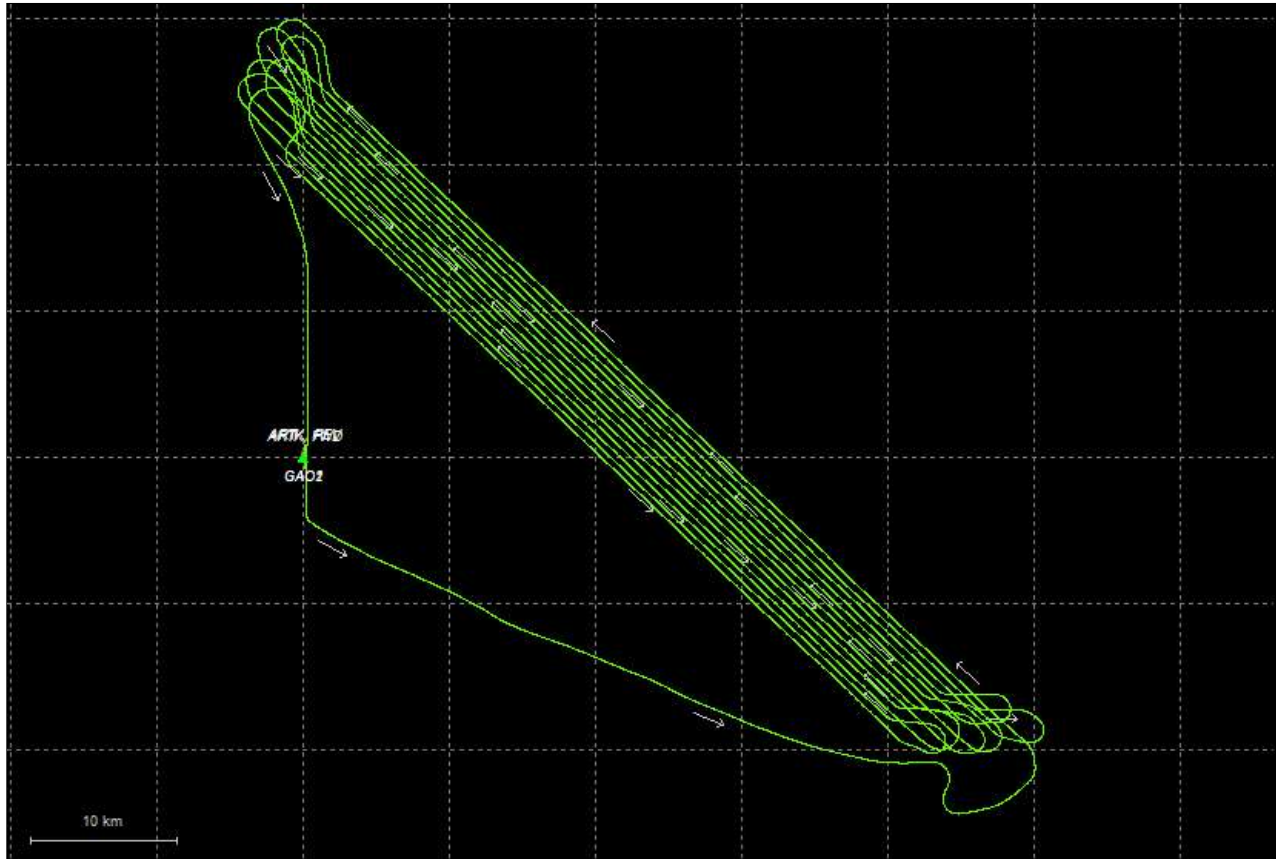
Body-X Body-Y Body-Z

Process	20210311_142847_8	by Unknown	on 3/20/2021	at 22:08:45
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Output Results for 20210312_105350_9

Inertial Explorer Version 8.90.2124
03/21/2021

Figure 1: Smoothed TC Combined - Map



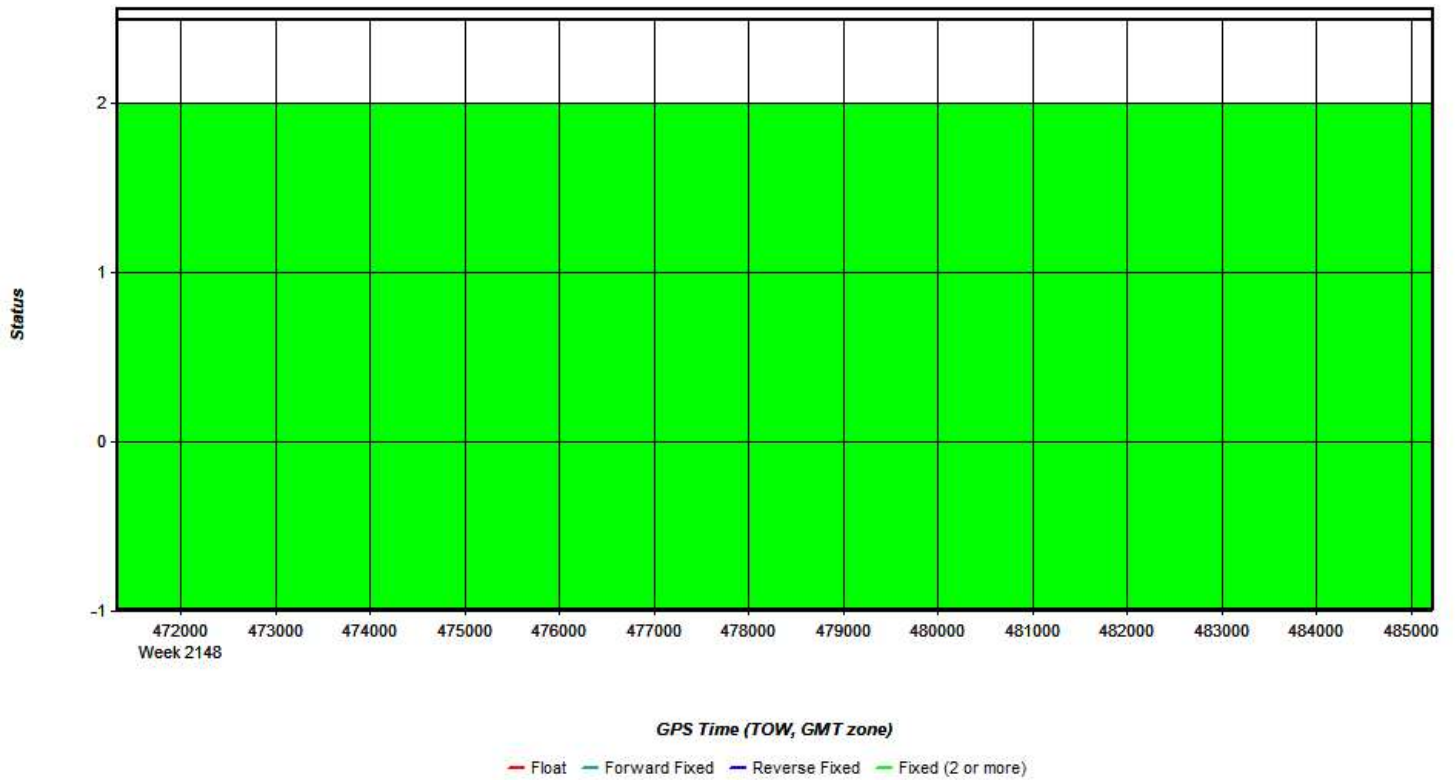
Process	20210312_105350_9	by Unknown	on 3/21/2021	at 21:40:37
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Figure 2: 20210312_105350_9 [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot



Process	20210312_105350_9	by Unknown	on 3/21/2021	at 21:40:37
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Figure 3: 20210312_105350_9 [Smoothed TC Combined] - Float or Fixed Ambiguity



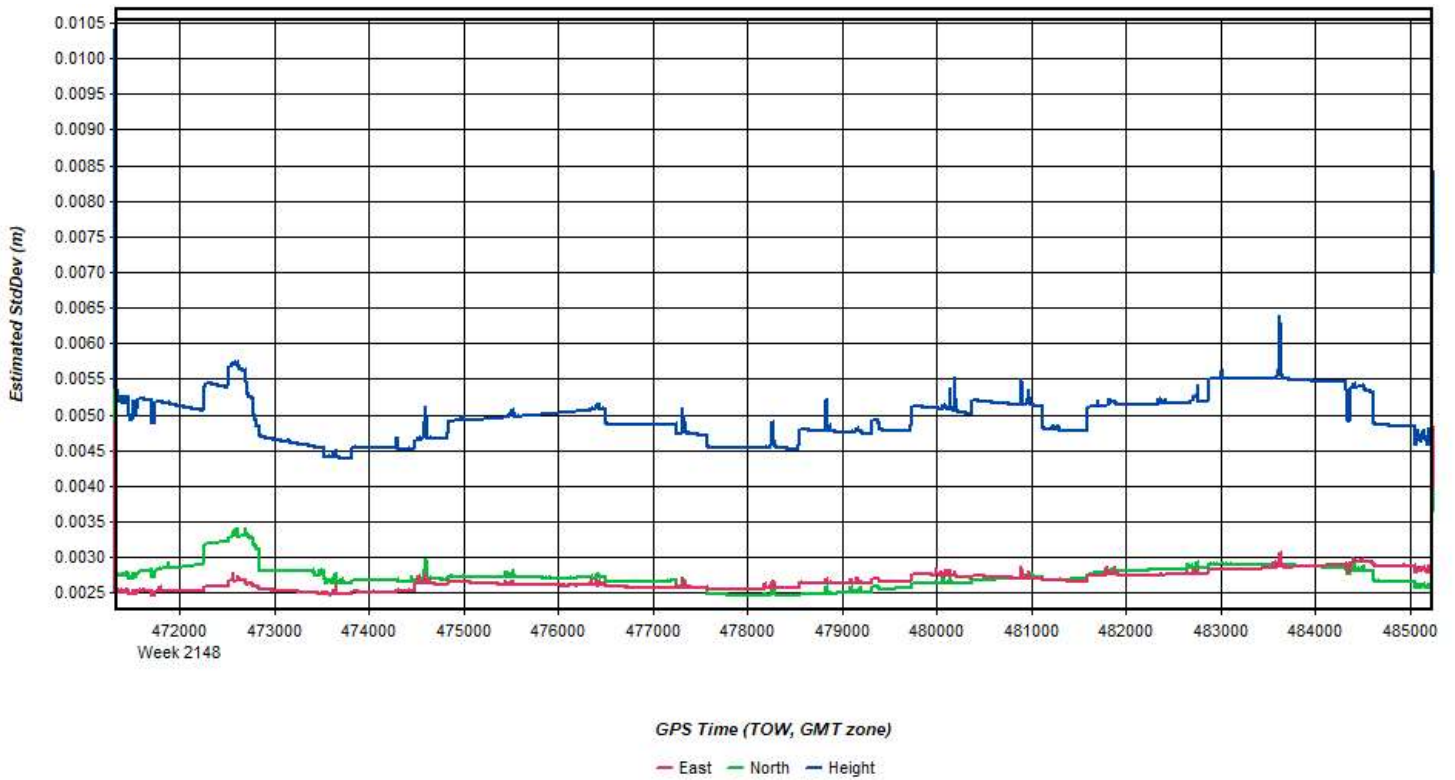
Process	20210312_105350_9	by Unknown	on 3/21/2021	at 21:40:37
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Figure 4: 20210312_105350_9 [Smoothed TC Combined] - Forward/Reverse Separation Plot (Fixed)



Process	20210312_105350_9	by Unknown	on 3/21/2021	at 21:40:37
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Figure 5: 20210312_105350_9 [Smoothed TC Combined] - Estimated Position Accuracy Plot



Process	20210312_105350_9	by Unknown	on 3/21/2021	at 21:40:37
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Figure 6: 20210312_105350_9 [Smoothed TC Combined] - PDOP Plot



Figure 7: 20210312_105350_9 [Smoothed TC Combined] - Number of Satellites Line Plot



Figure 8: 20210312_105350_9 [Smoothed TC Combined] - Status flag for IMU processing

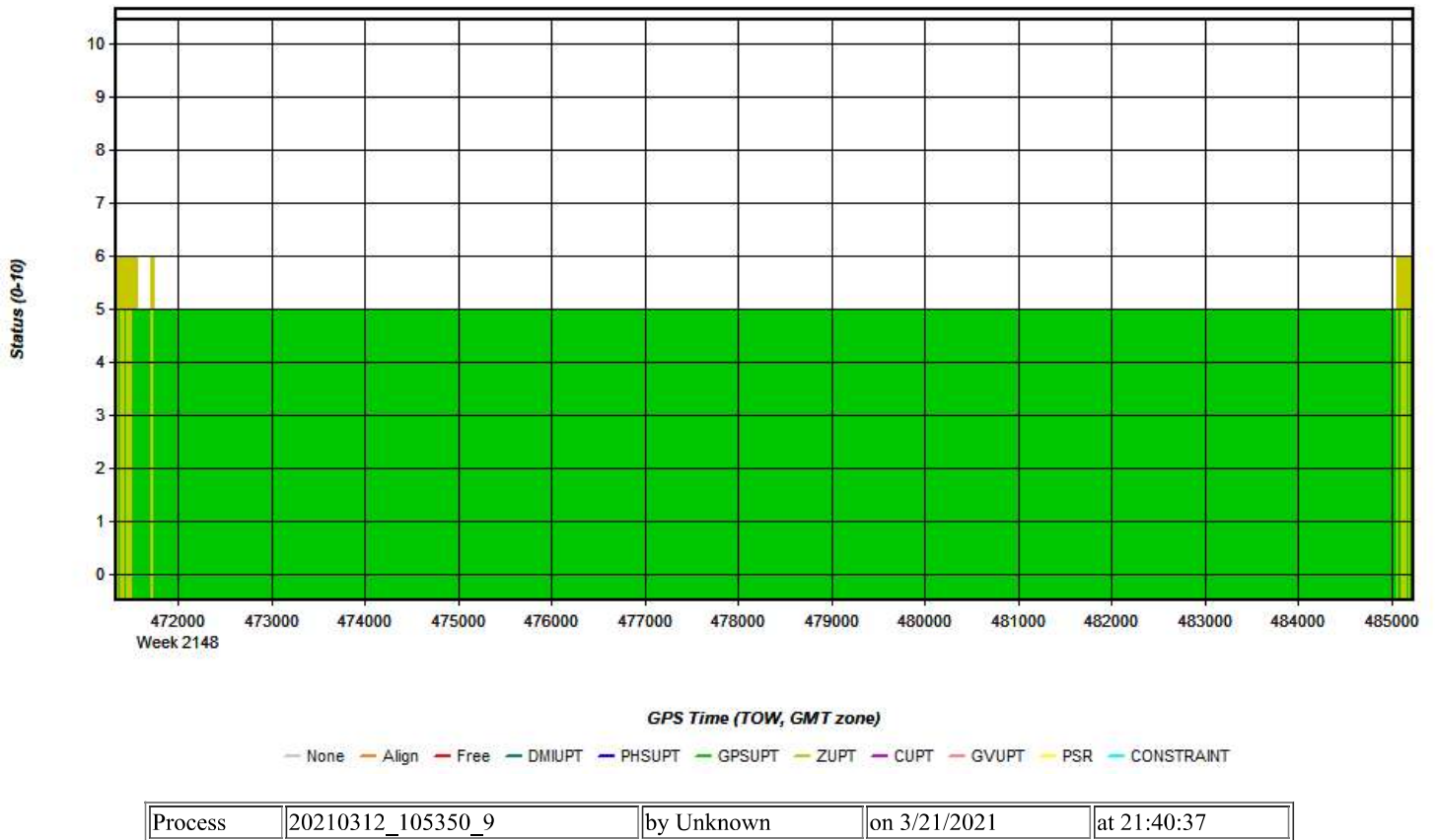


Figure 9: 20210312_105350_9 [Smoothed TC Combined] - Fwd/Rev Attitude Separation Plot

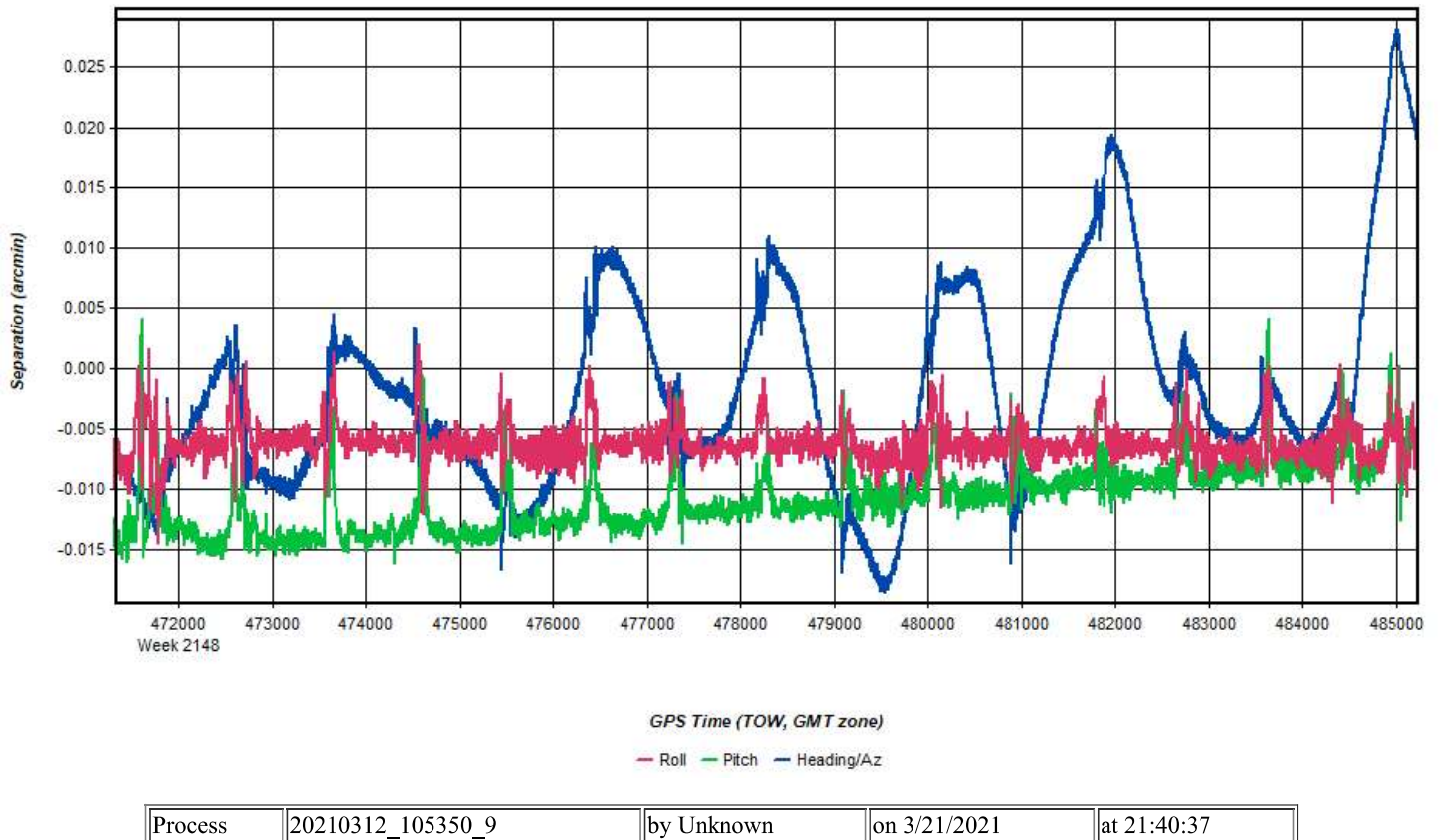
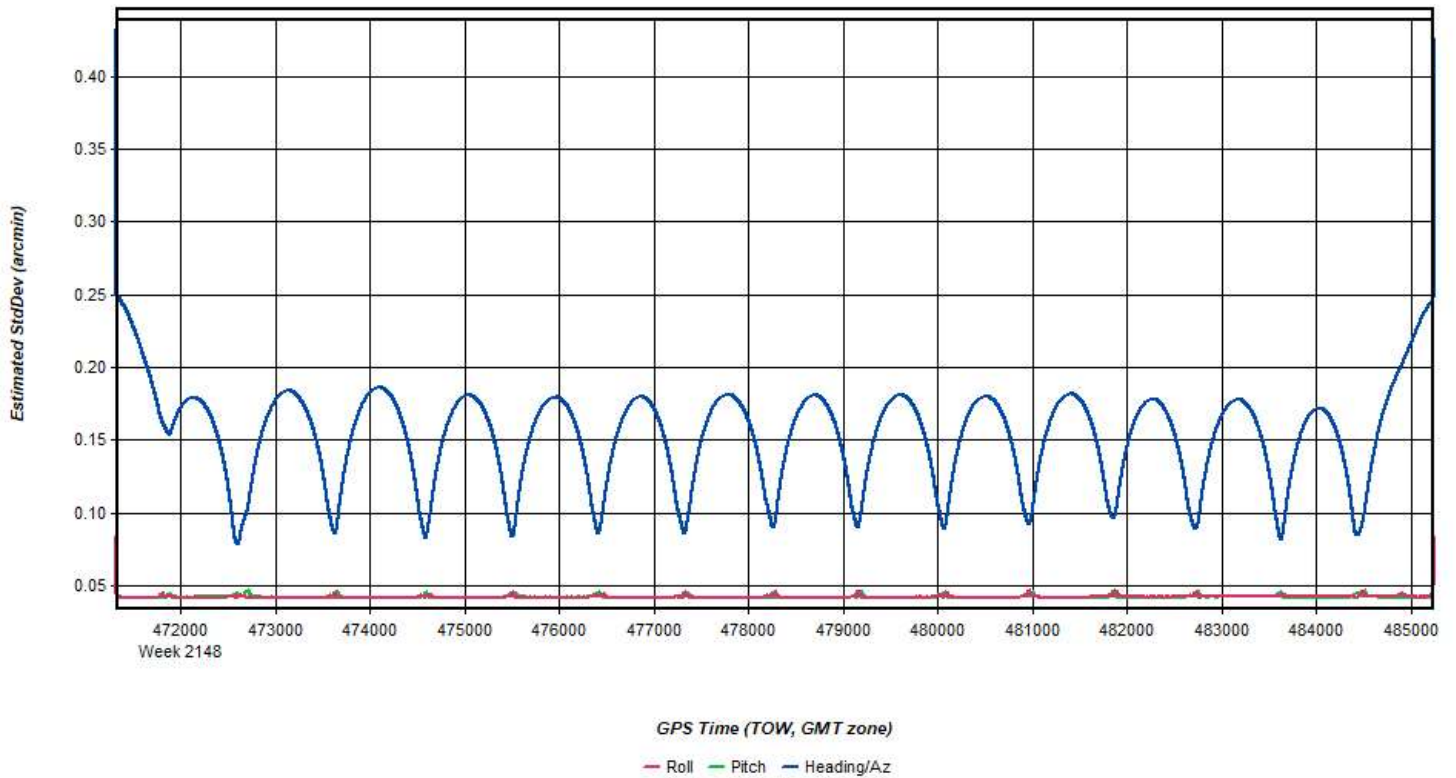


Figure 10: 20210312_105350_9 [Smoothed TC Combined] - Estimated Attitude Accuracy Plot



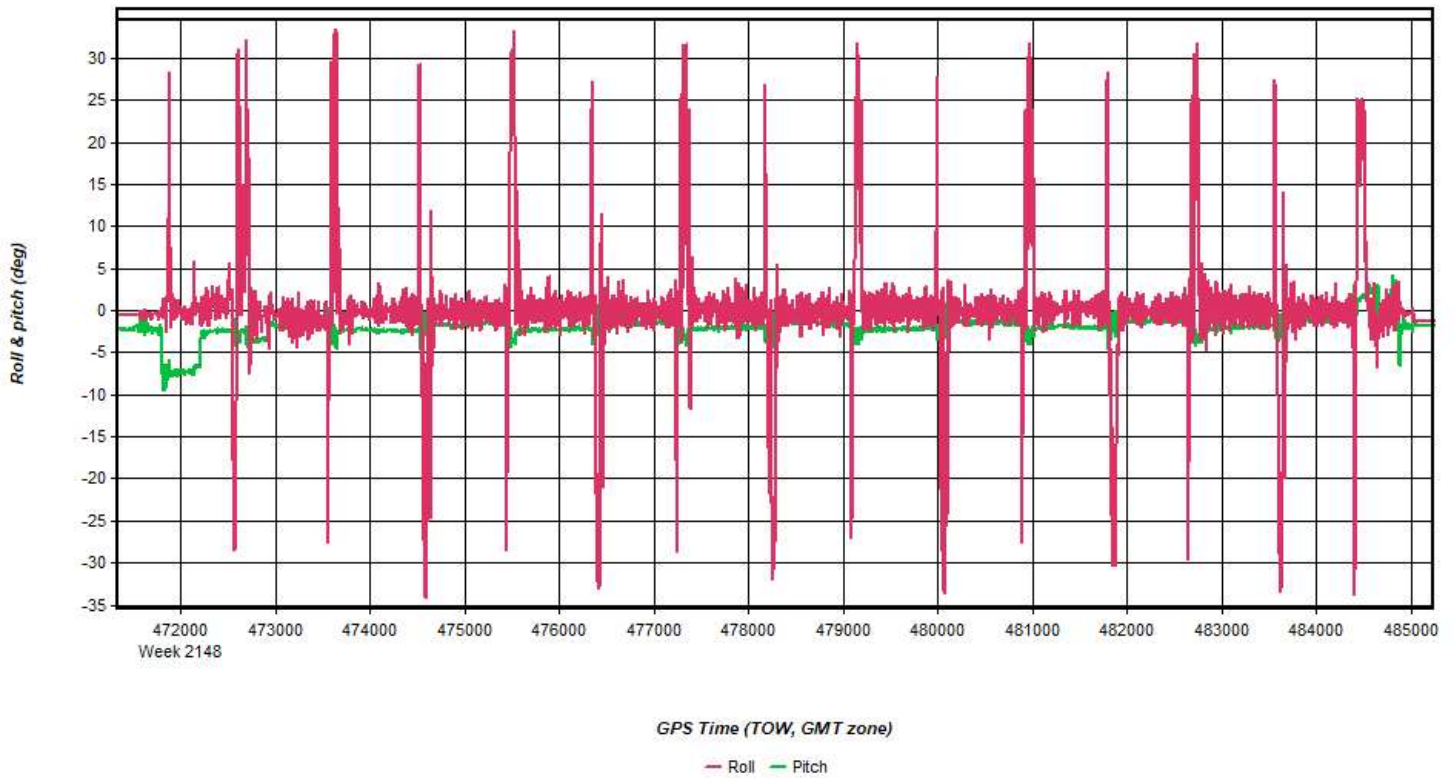
Process	20210312_105350_9	by Unknown	on 3/21/2021	at 21:40:37
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Figure 11: 20210312_105350_9 [Smoothed TC Combined] - Azimuth Plot



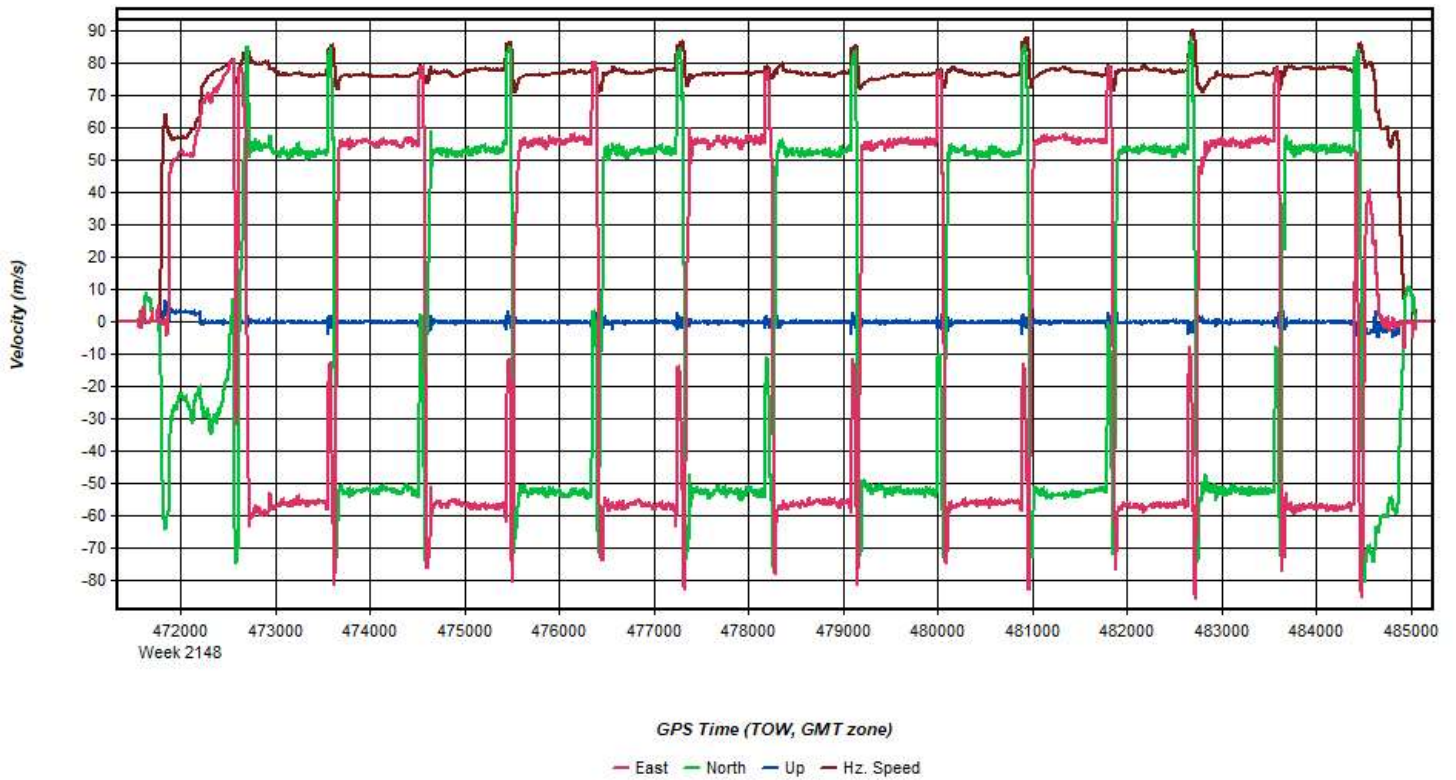
Process	20210312_105350_9	by Unknown	on 3/21/2021	at 21:40:37
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Figure 12: 20210312_105350_9 [Smoothed TC Combined] - Roll & Pitch Plot



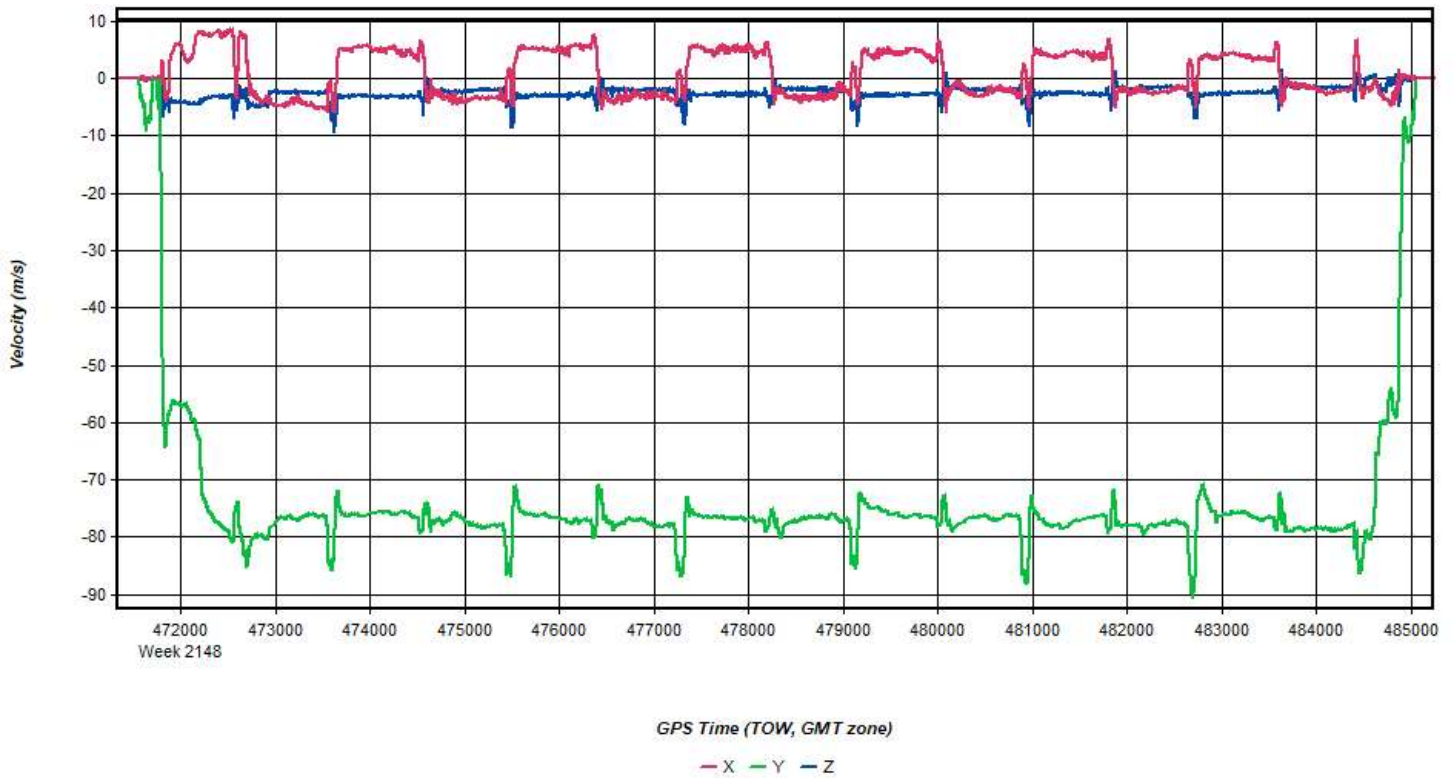
Process	20210312_105350_9	by Unknown	on 3/21/2021	at 21:40:37
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Figure 13: 20210312_105350_9 [Smoothed TC Combined] - Velocity Profile Plot



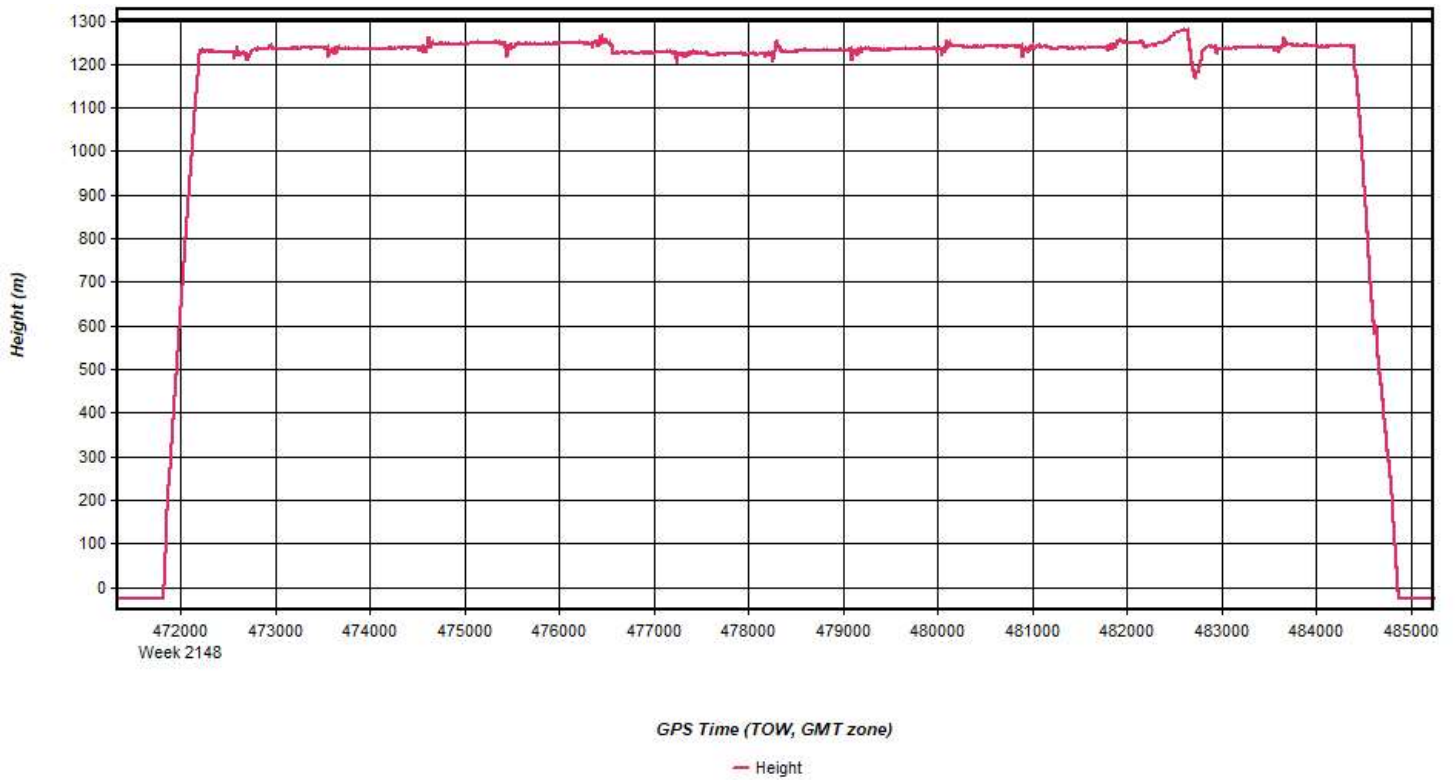
Process	20210312_105350_9	by Unknown	on 3/21/2021	at 21:40:37
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Figure 14: 20210312_105350_9 [Smoothed TC Combined] - Body Frame Velocity Plot



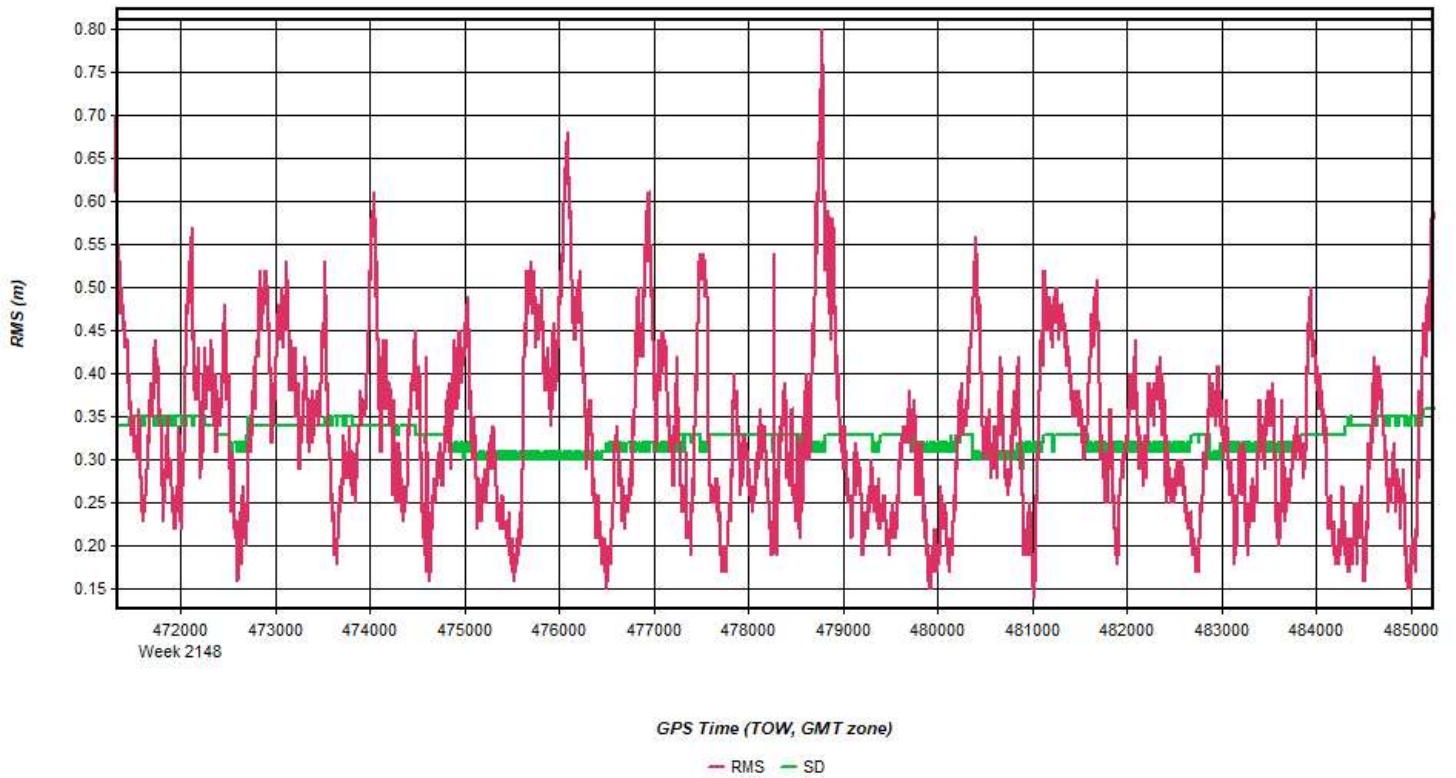
Process	20210312_105350_9	by Unknown	on 3/21/2021	at 21:40:37
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Figure 15: 20210312_105350_9 [Smoothed TC Combined] - Height Profile Plot



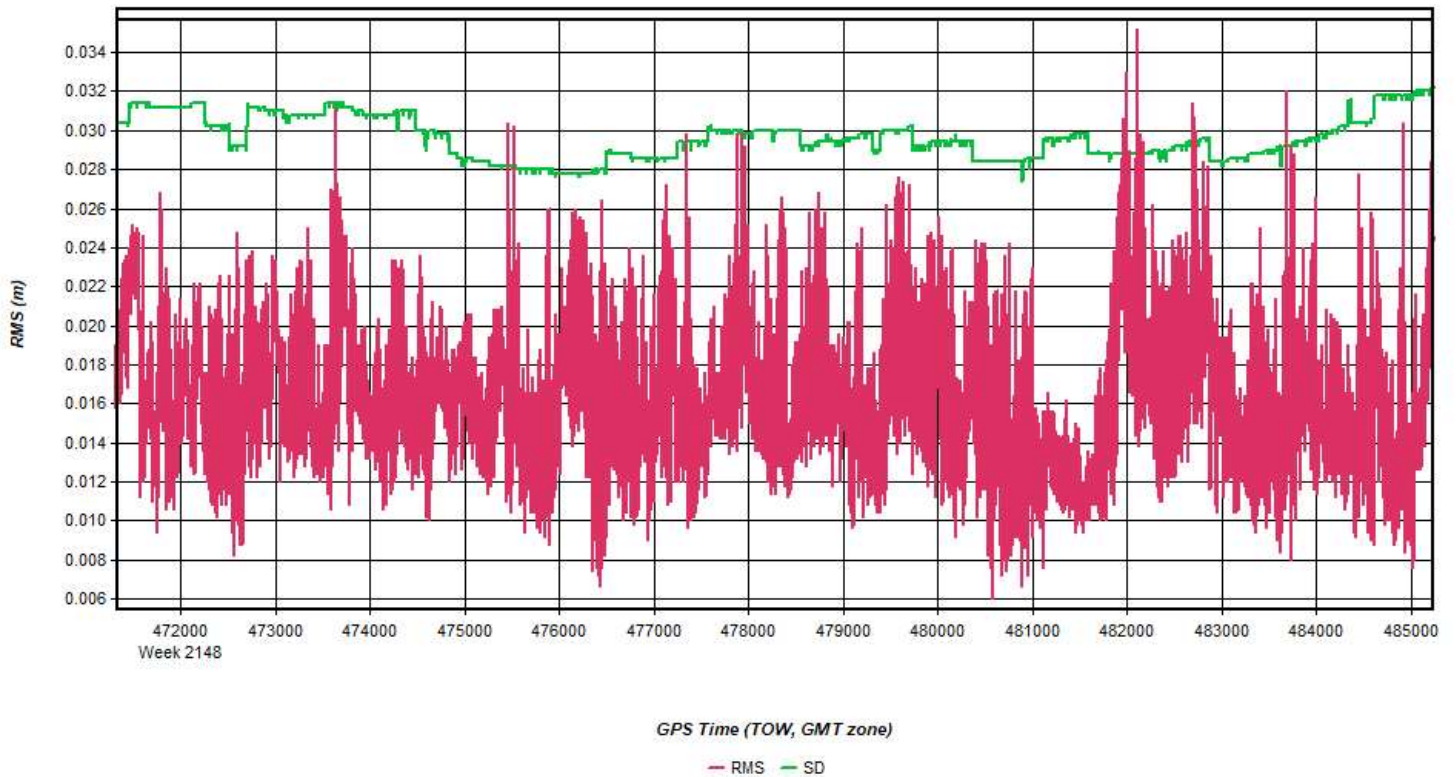
Process	20210312_105350_9	by Unknown	on 3/21/2021	at 21:40:37
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Figure 16: 20210312_105350_9 [Smoothed TC Combined] - C/A Code Residual RMS Plot



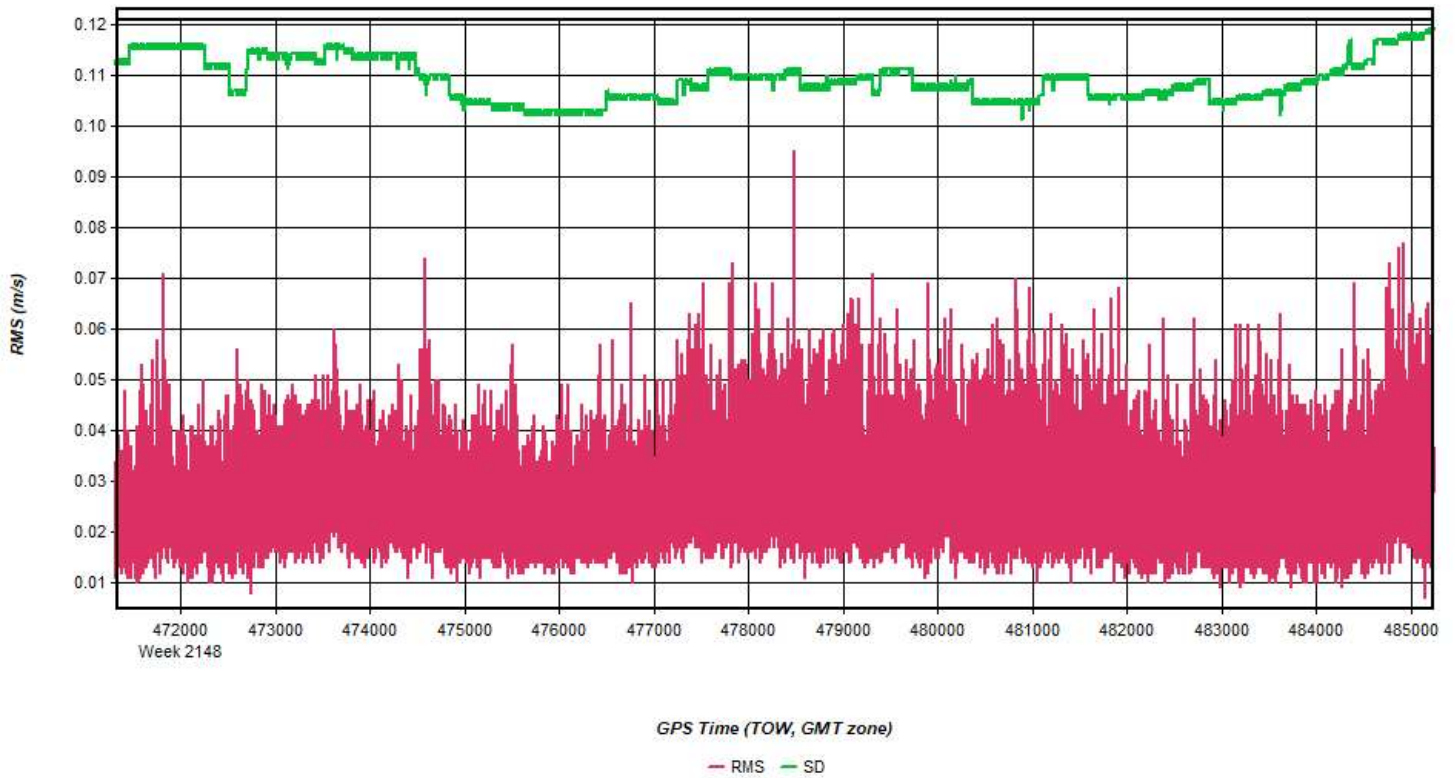
Process	20210312_105350_9	by Unknown	on 3/21/2021	at 21:40:37
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Figure 17: 20210312_105350_9 [Smoothed TC Combined] - Carrier Residual RMS Plot



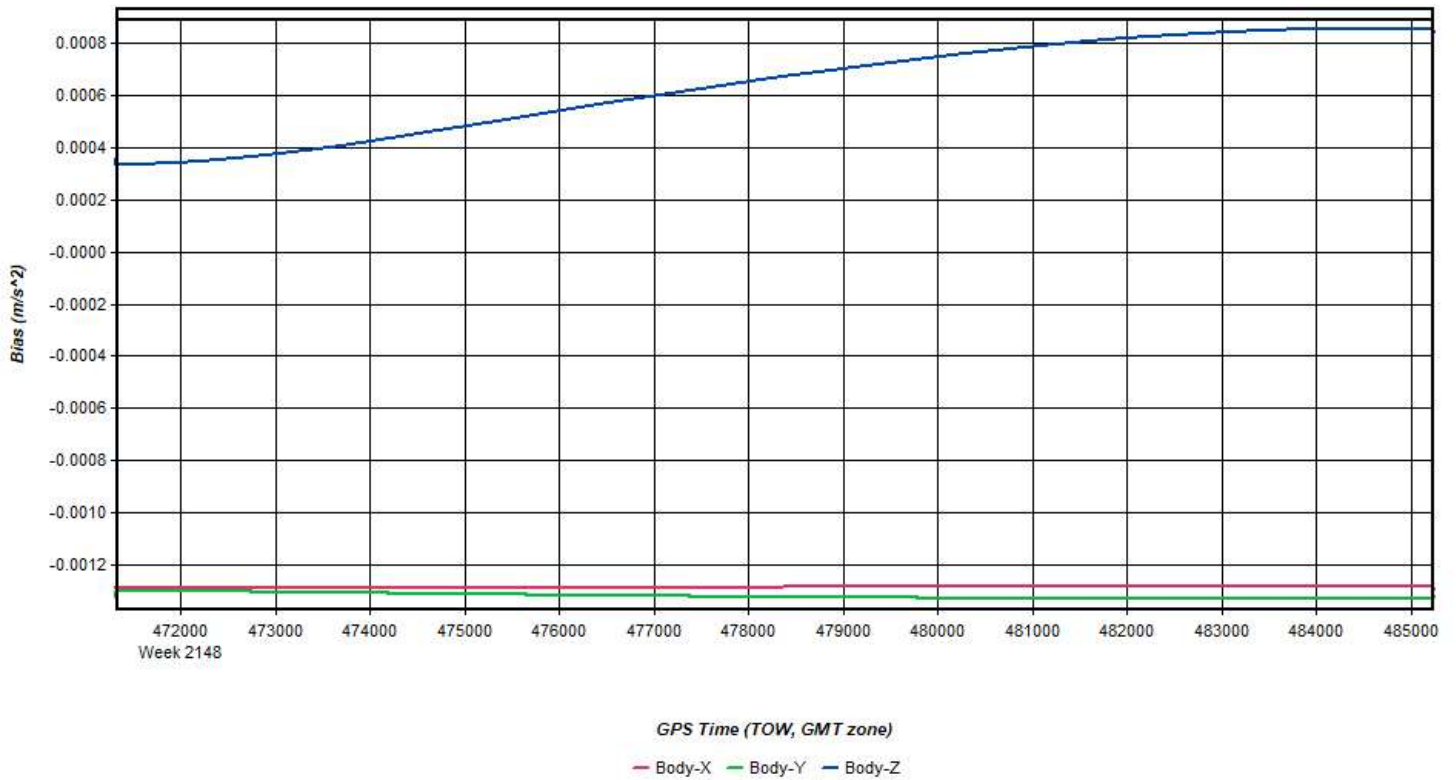
Process	20210312_105350_9	by Unknown	on 3/21/2021	at 21:40:37
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Figure 18: 20210312_105350_9 [Smoothed TC Combined] - Doppler Residual RMS Plot



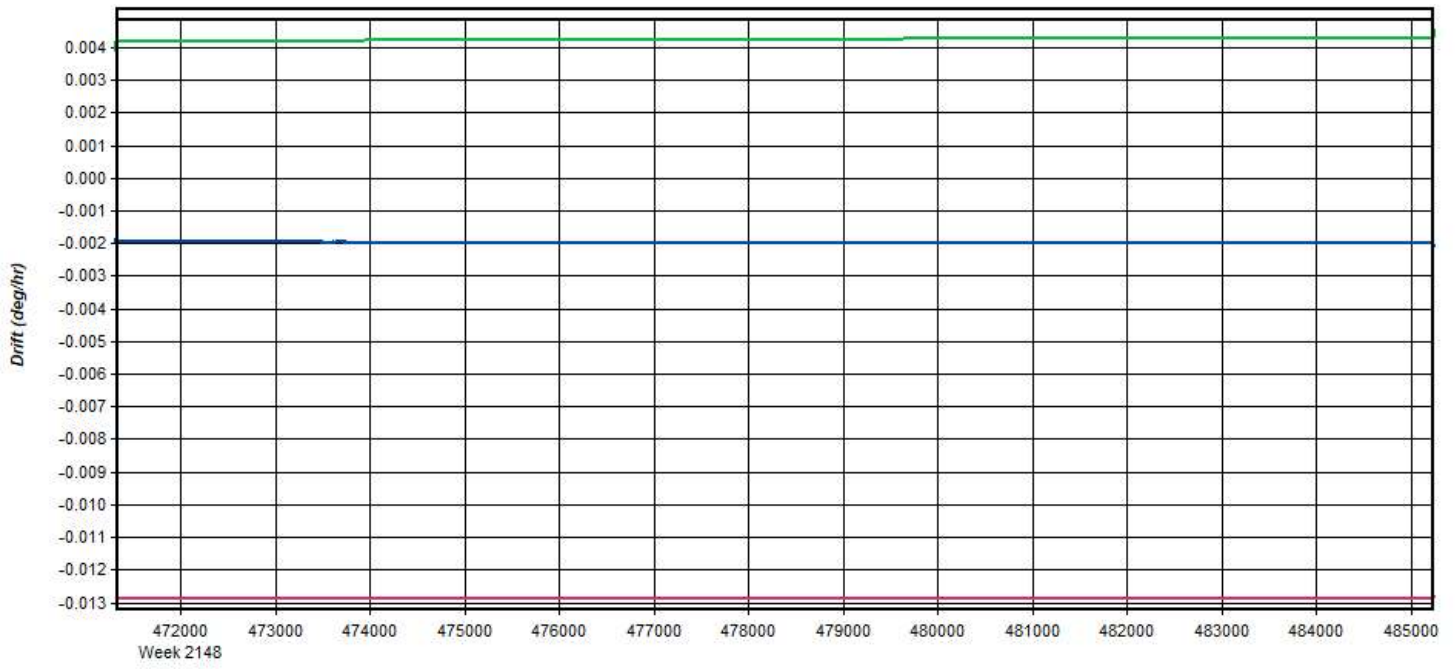
Process	20210312_105350_9	by Unknown	on 3/21/2021	at 21:40:37
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Figure 19: 20210312_105350_9 [Smoothed TC Combined] - Accelerometer Bias Plot



Process	20210312_105350_9	by Unknown	on 3/21/2021	at 21:40:37
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Figure 20: 20210312_105350_9 [Smoothed TC Combined] - Gyro Drift Plot



GPS Time (TOW, GMT zone)

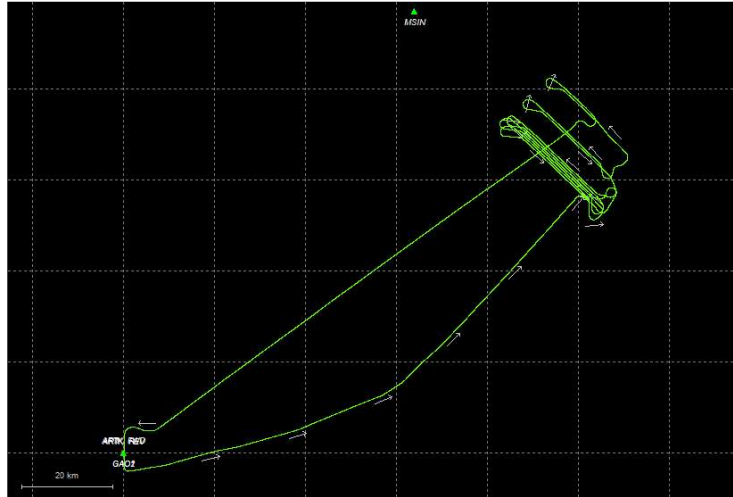
Body-X Body-Y Body-Z

Process	20210312_105350_9	by Unknown	on 3/21/2021	at 21:40:37
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Output Results for 20210312_154542_10

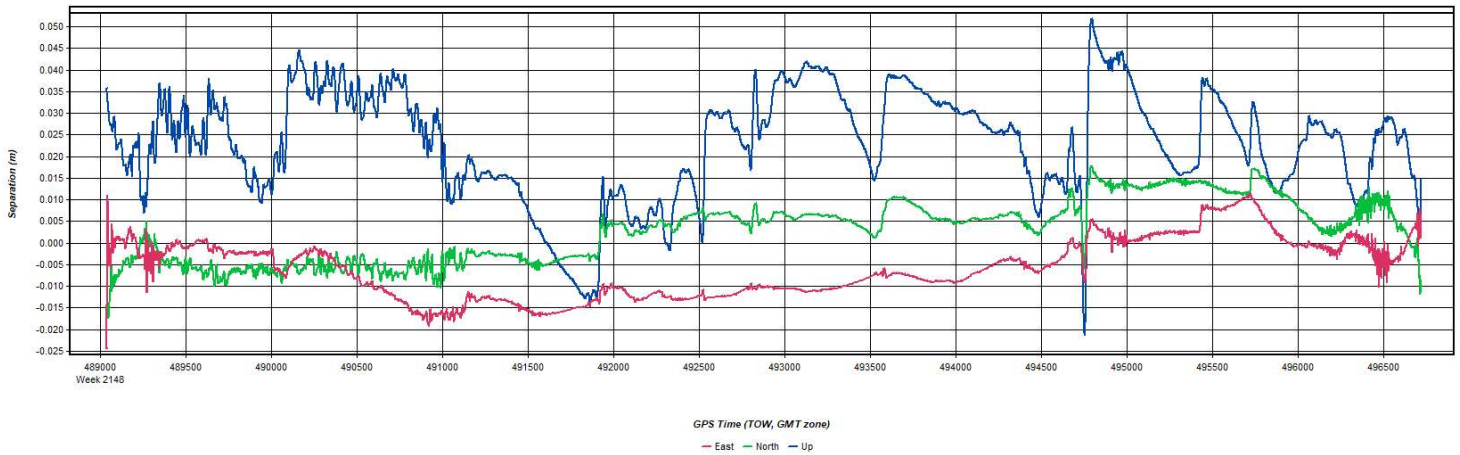
Inertial Explorer Version 8.90.2124
03/22/2021

Figure 1: Smoothed TC Combined - Map



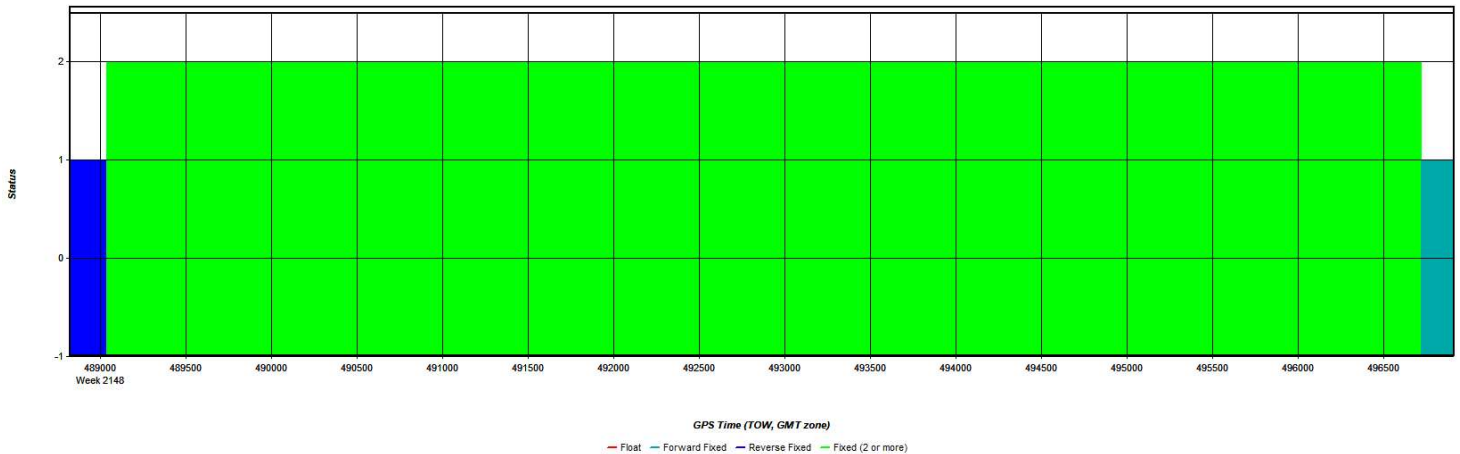
Process 20210312_154542_10 by Unknown on 3/22/2021 at 14:46:40

Figure 2: 20210312_154542_10 [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot



Process 20210312_154542_10 by Unknown on 3/22/2021 at 14:46:40

Figure 3: 20210312_154542_10 [Smoothed TC Combined] - Float or Fixed Ambiguity



Process 20210312_154542_10 by Unknown on 3/22/2021 at 14:46:40

Figure 4: 20210312_154542_10 [Smoothed TC Combined] - Forward/Reverse Separation Plot (Fixed)

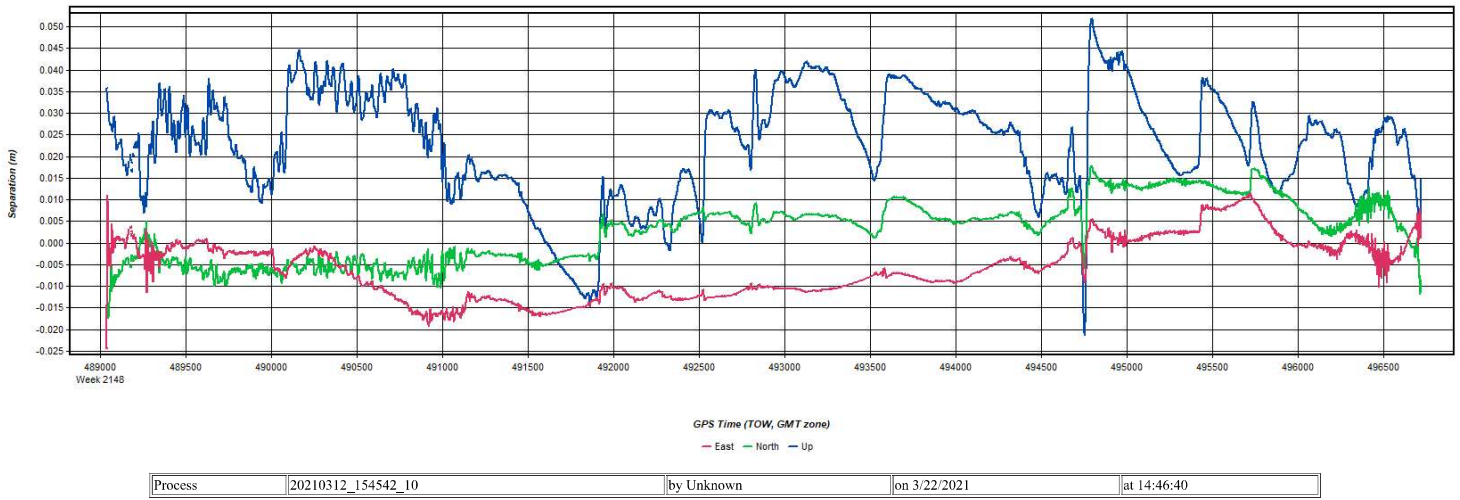


Figure 5: 20210312_154542_10 [Smoothed TC Combined] - Estimated Position Accuracy Plot

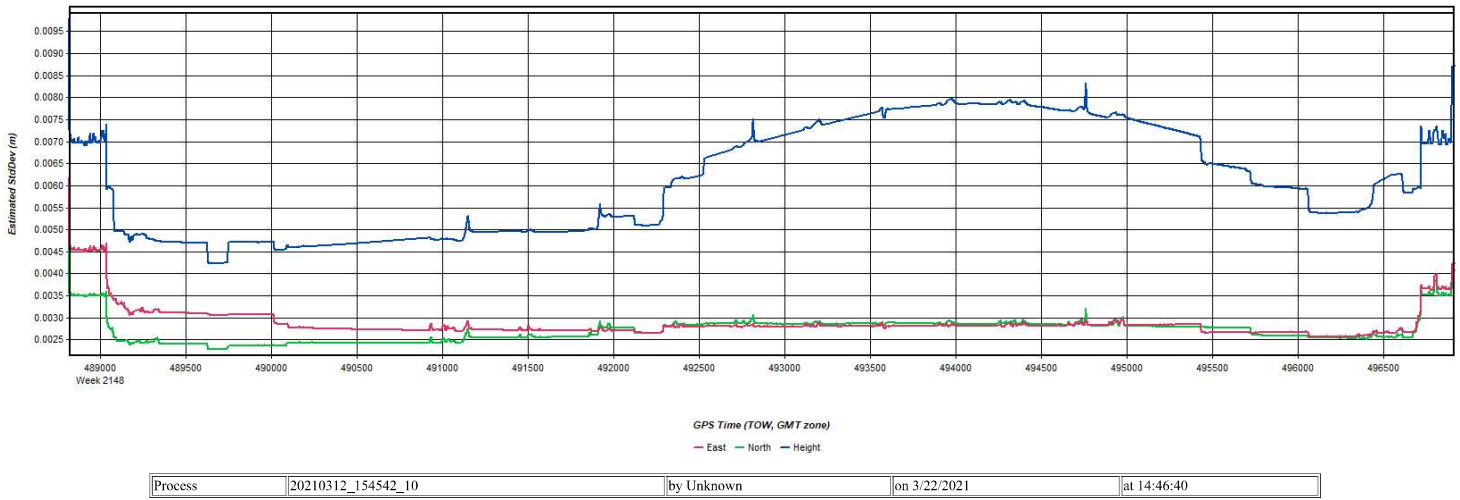


Figure 6: 20210312_154542_10 [Smoothed TC Combined] - PDOP Plot



Figure 7: 20210312_154542_10 [Smoothed TC Combined] - Number of Satellites Line Plot

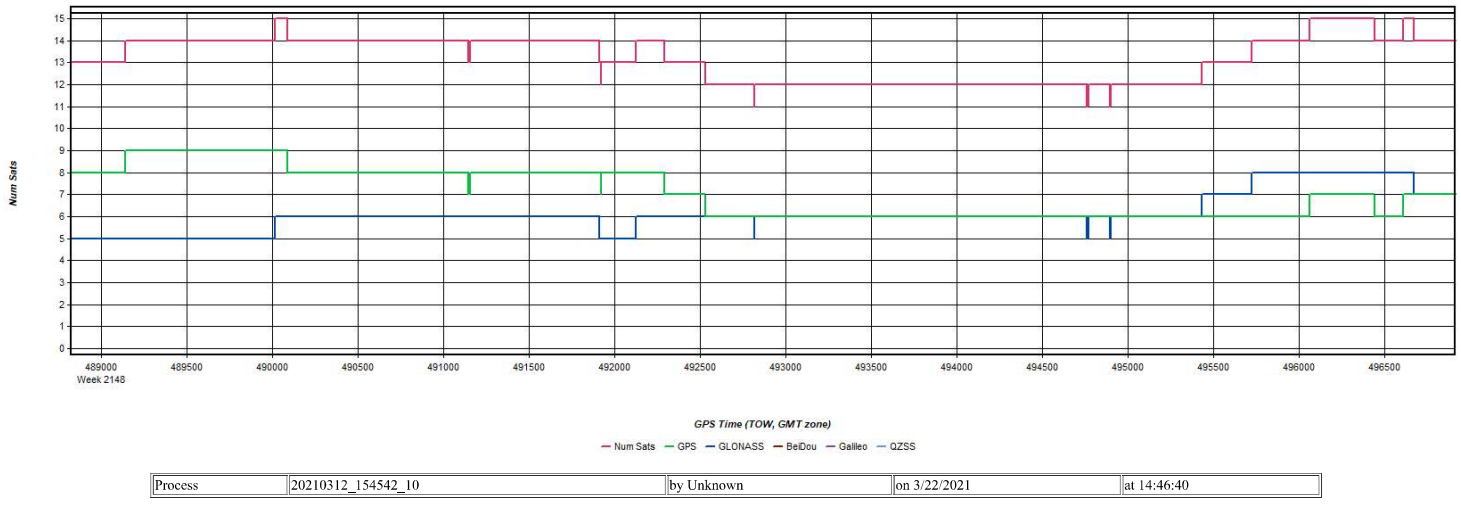


Figure 8: 20210312_154542_10 [Smoothed TC Combined] - Status flag for IMU processing

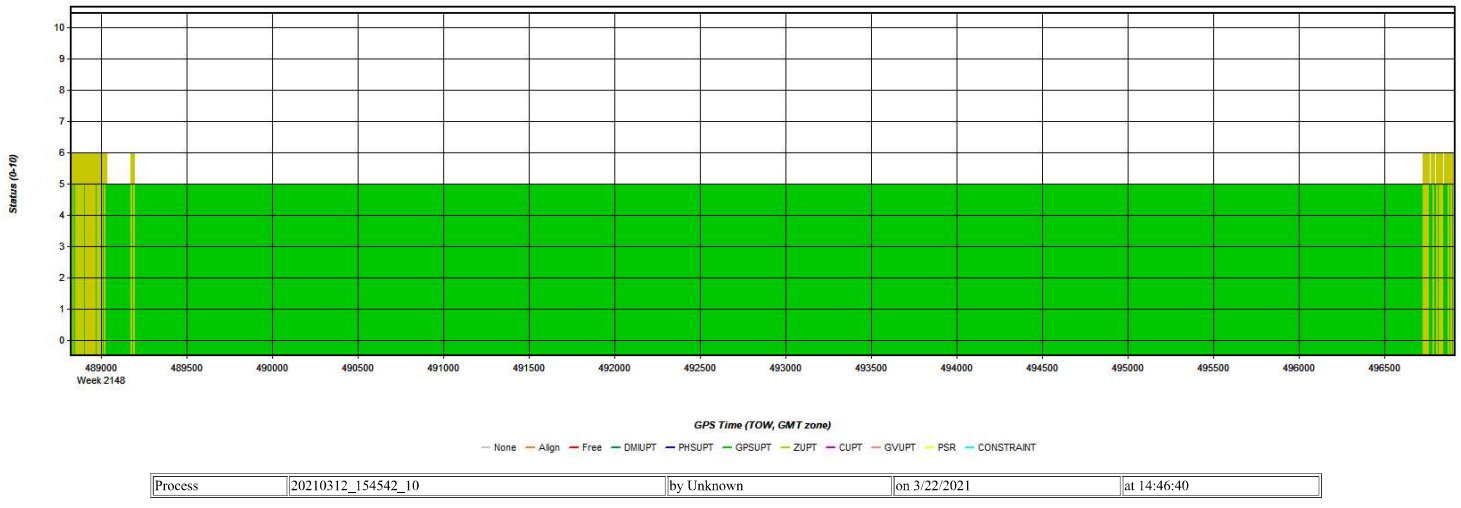


Figure 9: 20210312_154542_10 [Smoothed TC Combined] - Fwd/Rev Attitude Separation Plot

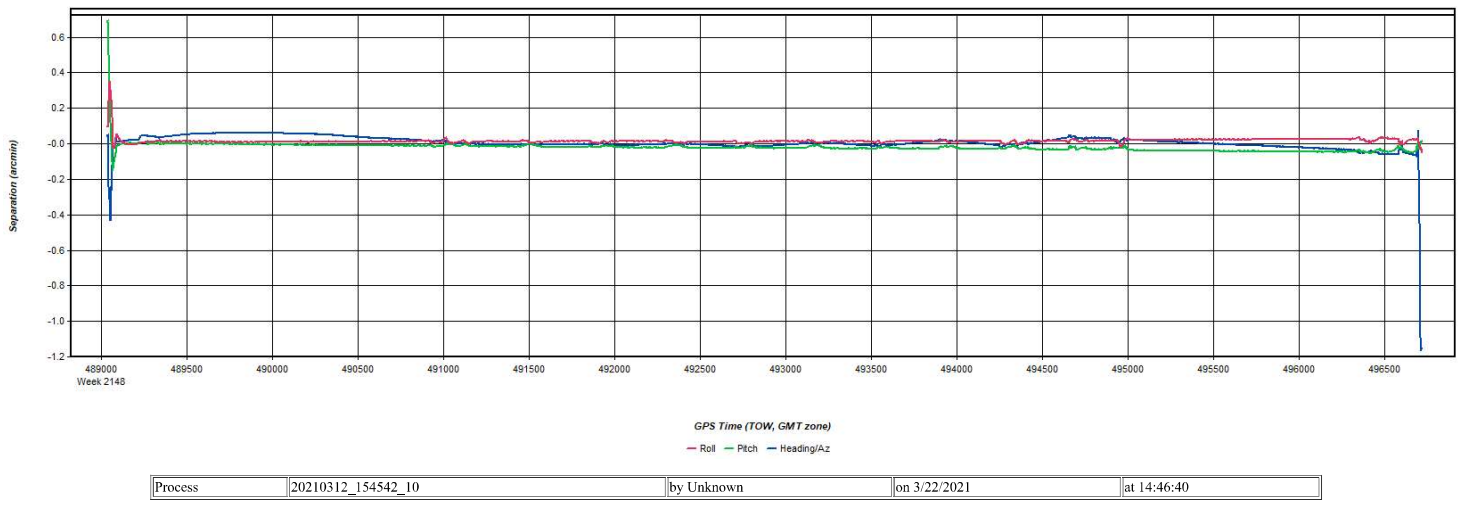


Figure 10: 20210312_154542_10 [Smoothed TC Combined] - Estimated Attitude Accuracy Plot

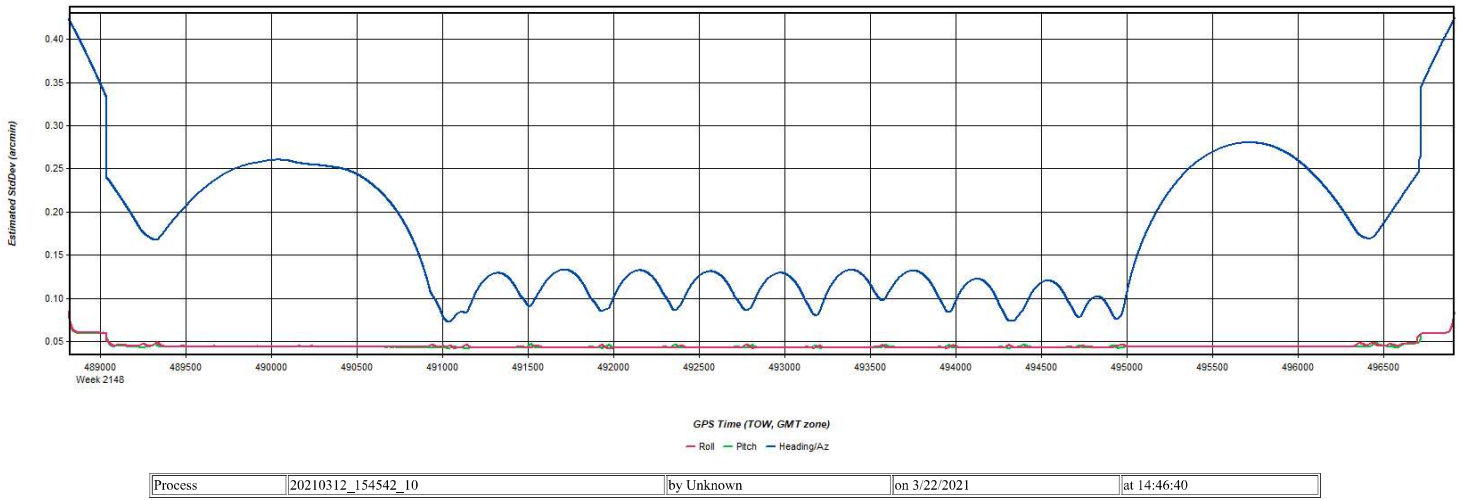


Figure 11: 20210312_154542_10 [Smoothed TC Combined] - Azimuth Plot

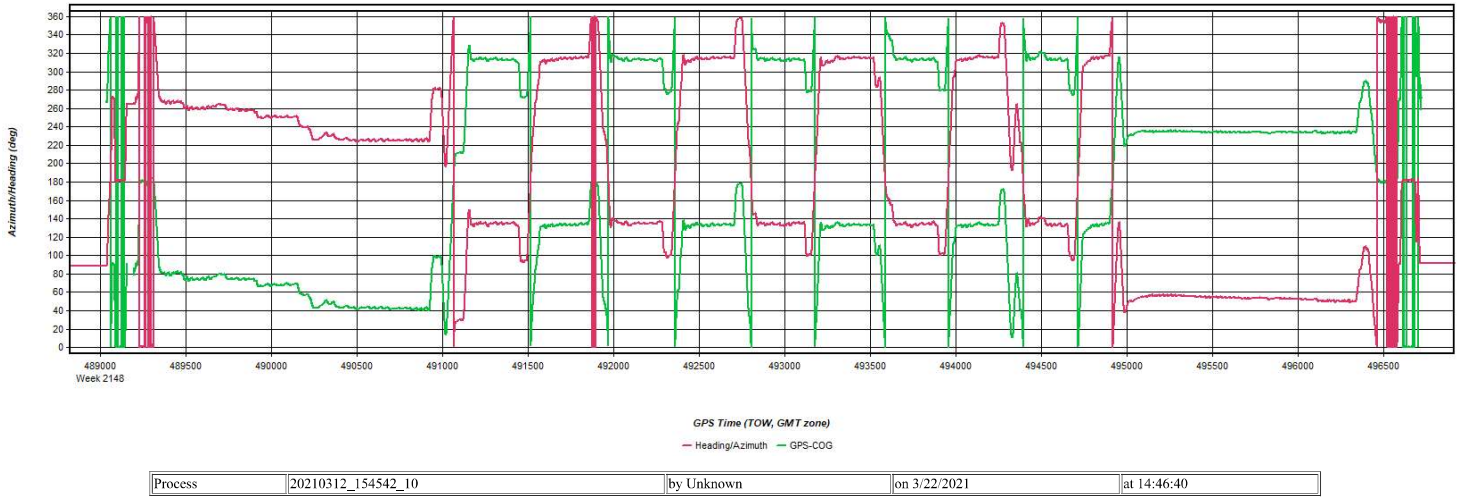


Figure 12: 20210312_154542_10 [Smoothed TC Combined] - Roll & Pitch Plot

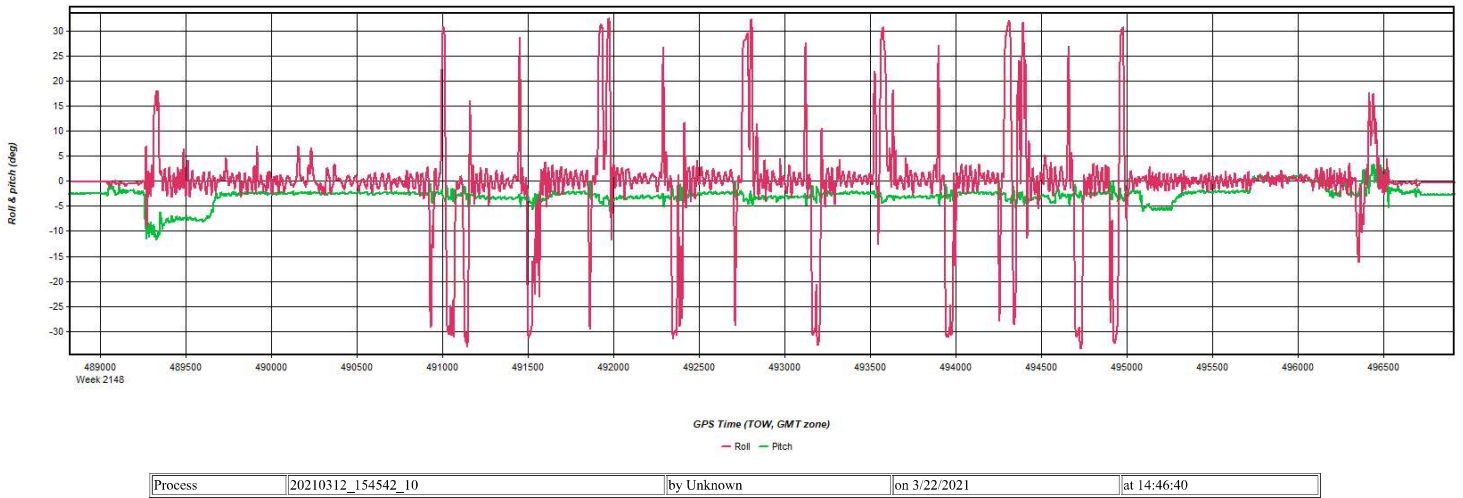


Figure 13: 20210312_154542_10 [Smoothed TC Combined] - Velocity Profile Plot

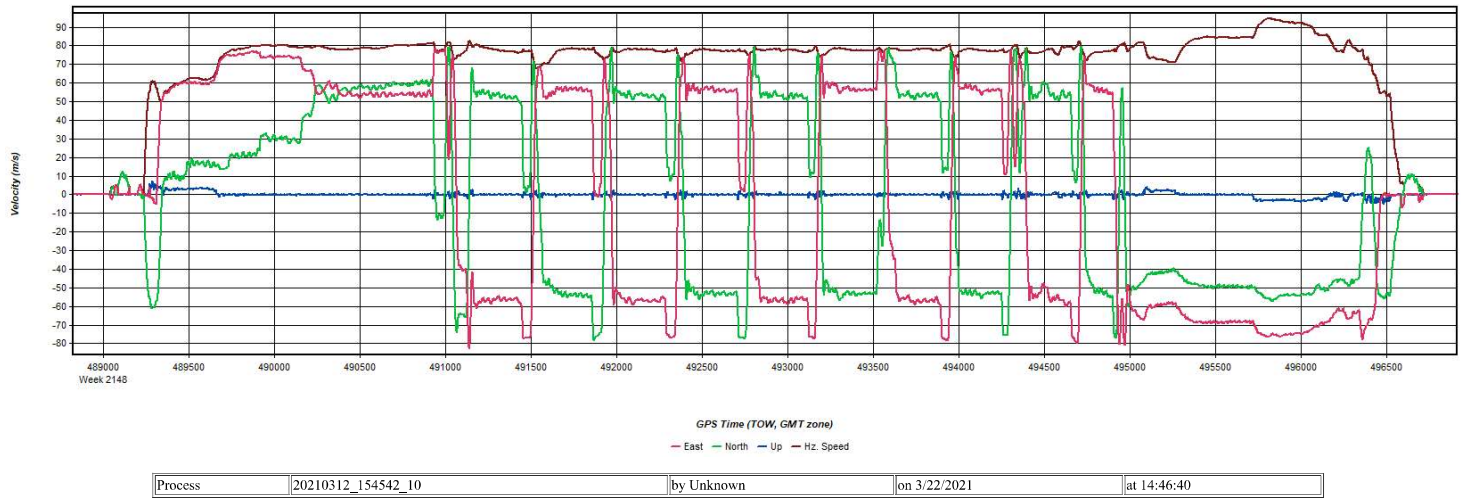


Figure 14: 20210312_154542_10 [Smoothed TC Combined] - Body Frame Velocity Plot



Figure 15: 20210312_154542_10 [Smoothed TC Combined] - Height Profile Plot

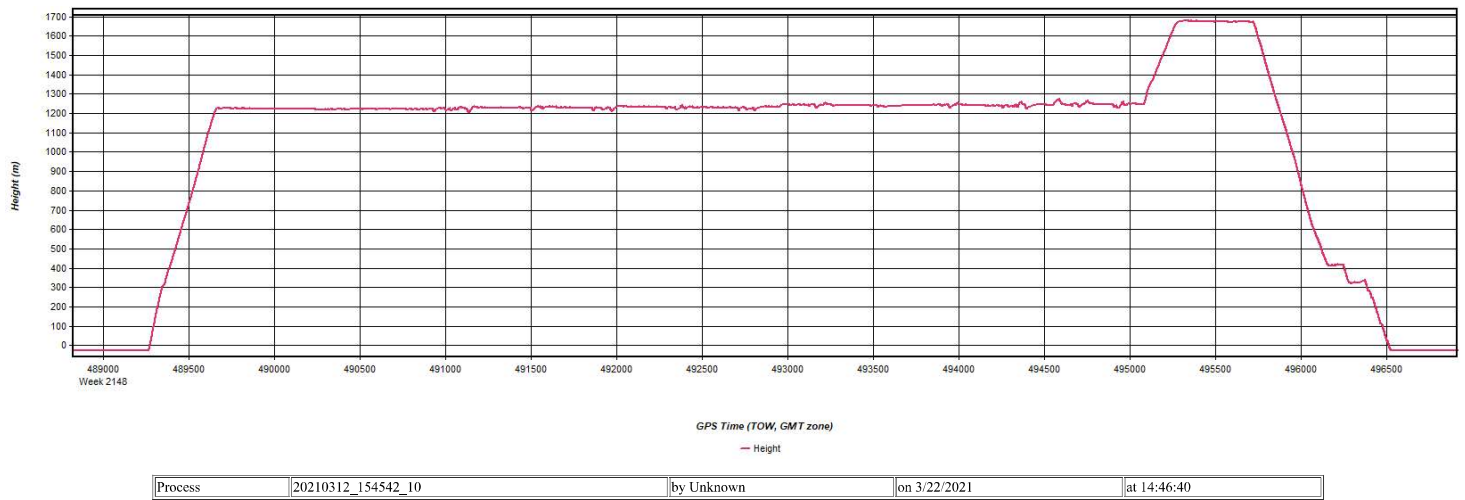
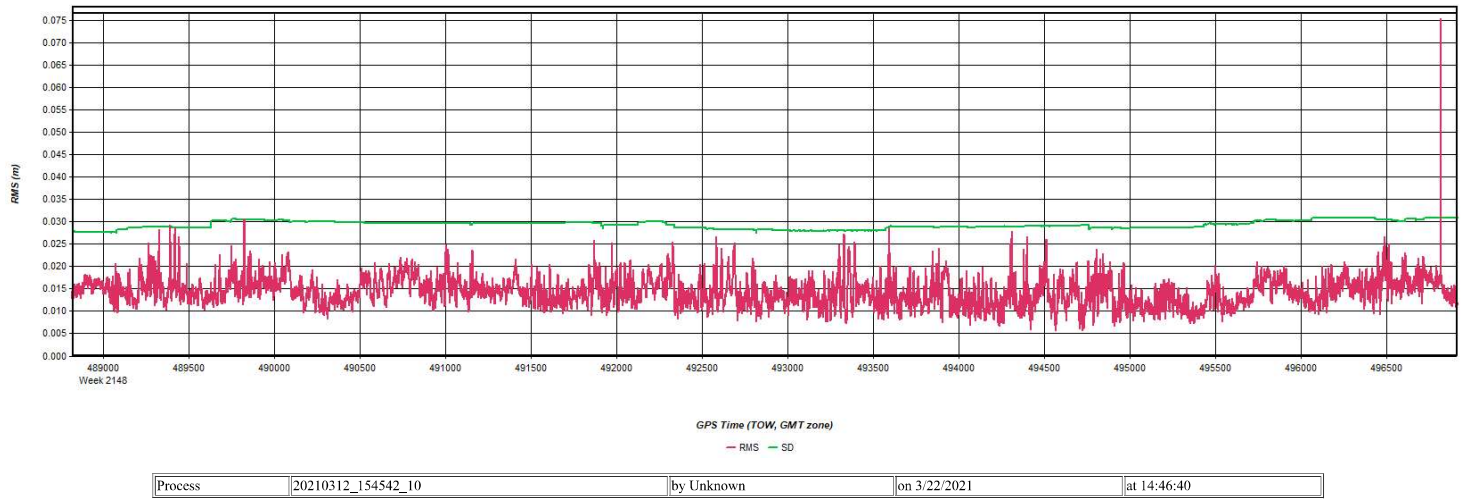
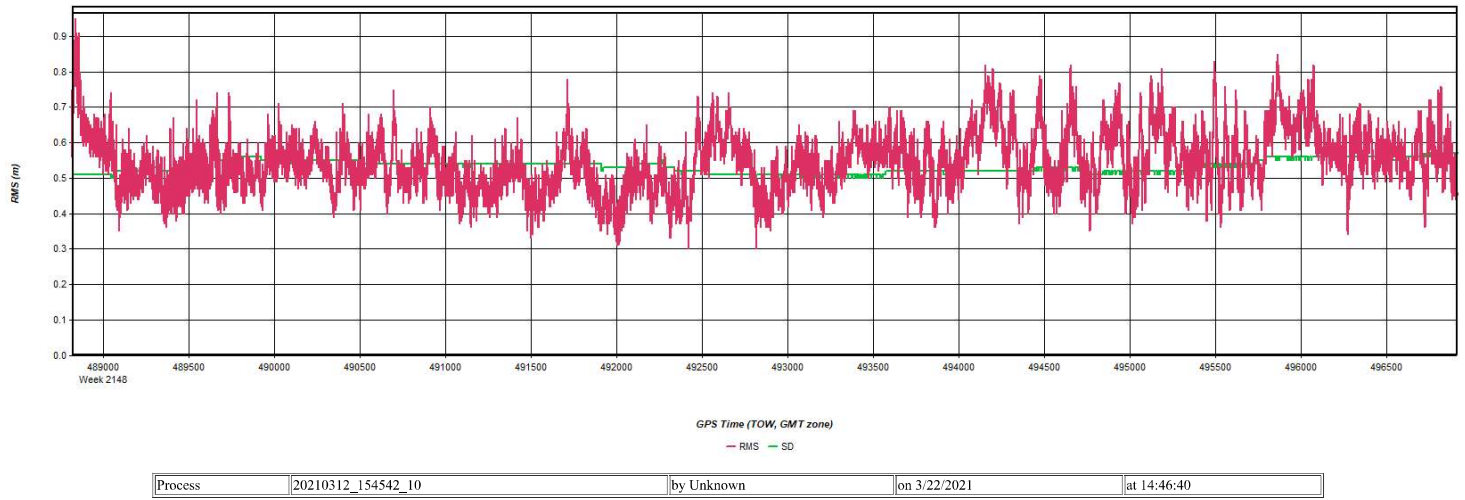


Figure 16: 20210312_154542_10 [Smoothed TC Combined] - C/A Code Residual RMS Plot



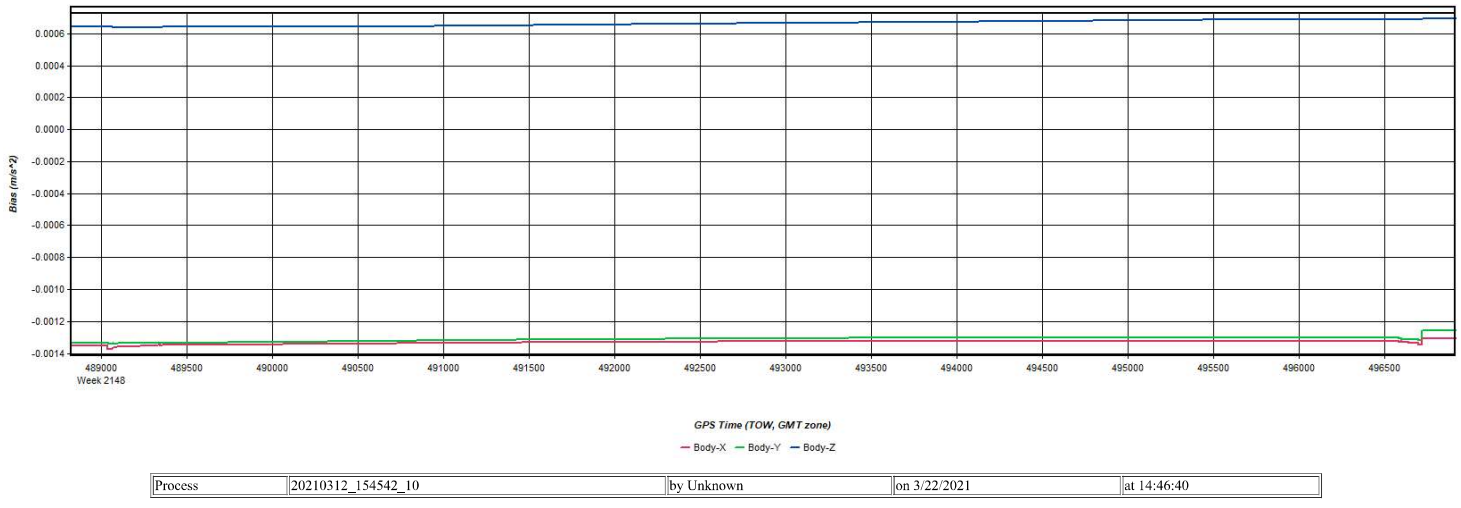
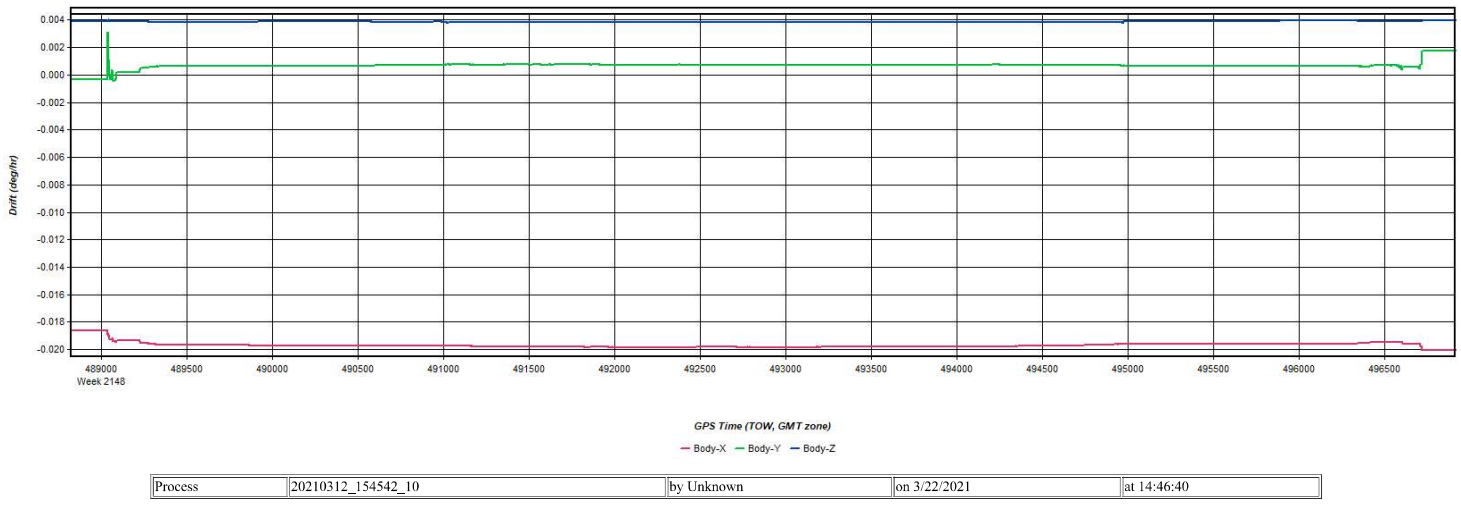


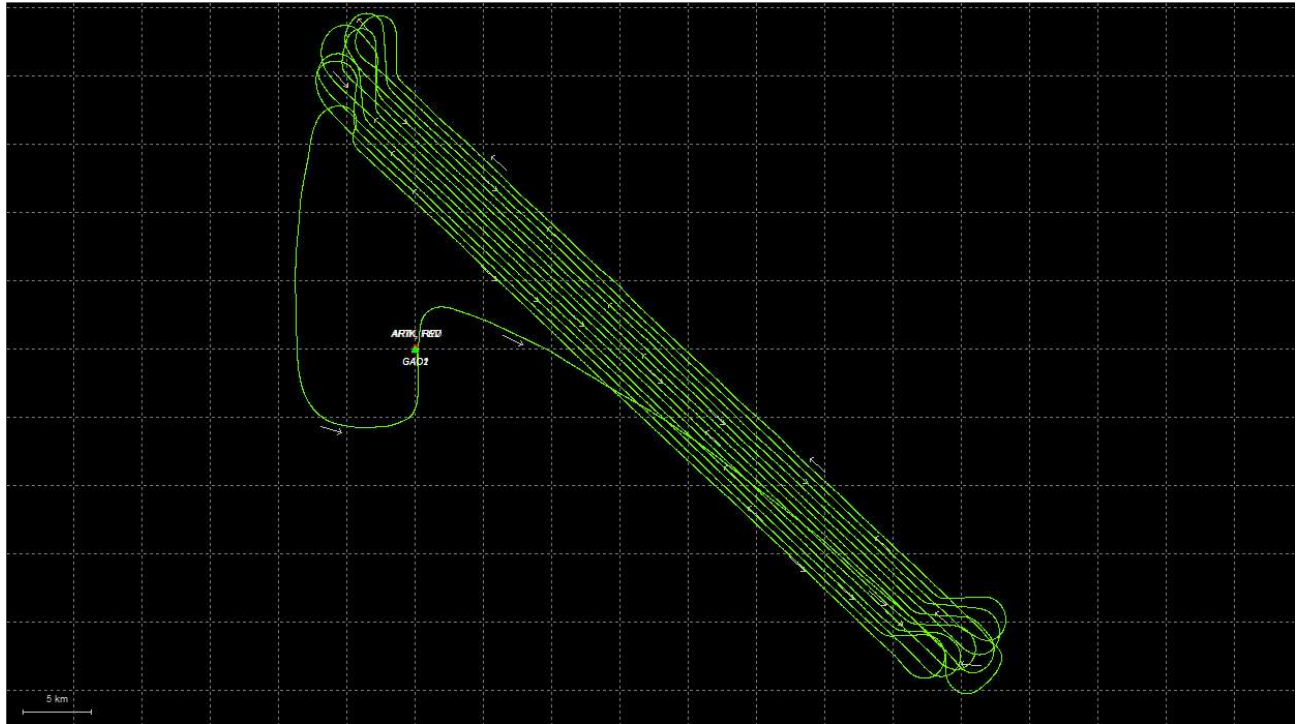
Figure 20: 20210312_154542_10 [Smoothed TC Combined] - Gyro Drift Plot



Output Results for 20210402_012908_11

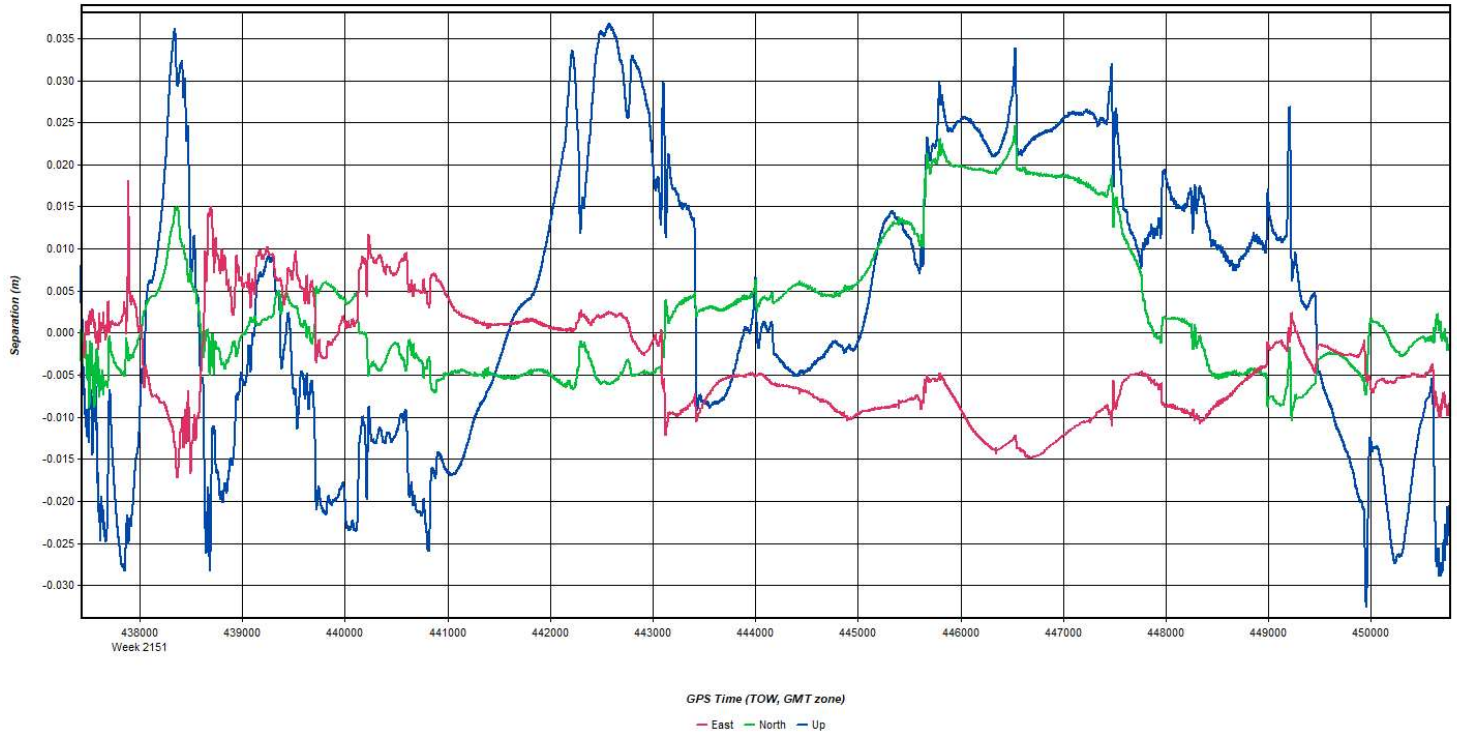
Inertial Explorer Version 8.90.2124
04/14/2021

Figure 1: Smoothed TC Combined - Map



Process	20210402_012908_11	by Unknown	on 4/14/2021	at 09:31:19
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Figure 2: 20210402_012908_11 [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot



Process	20210402_012908_11	by Unknown	on 4/14/2021	at 09:31:19
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Figure 3: 20210402_012908_11 [Smoothed TC Combined] - Float or Fixed Ambiguity

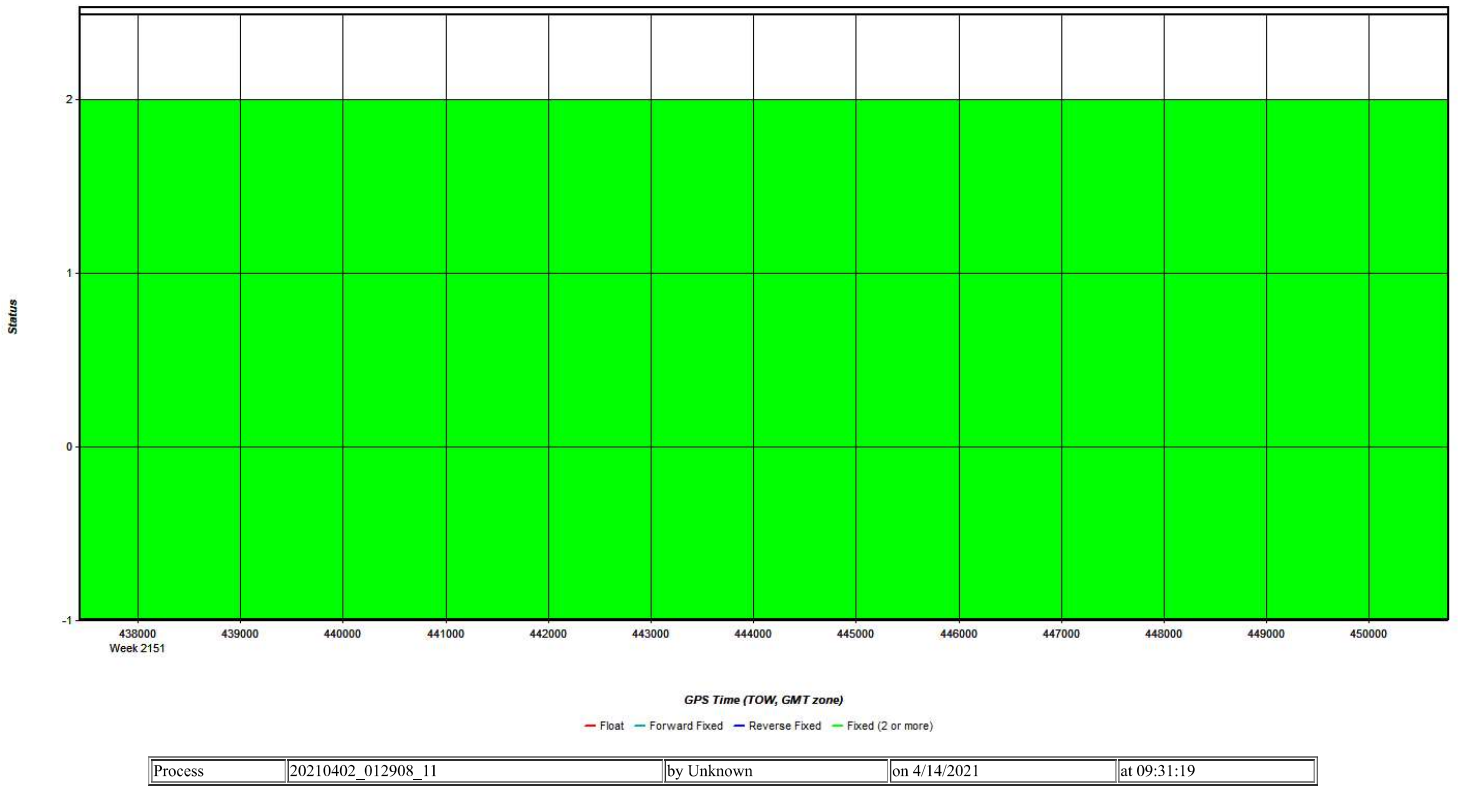


Figure 4: 20210402_012908_11 [Smoothed TC Combined] - Forward/Reverse Separation Plot (Fixed)

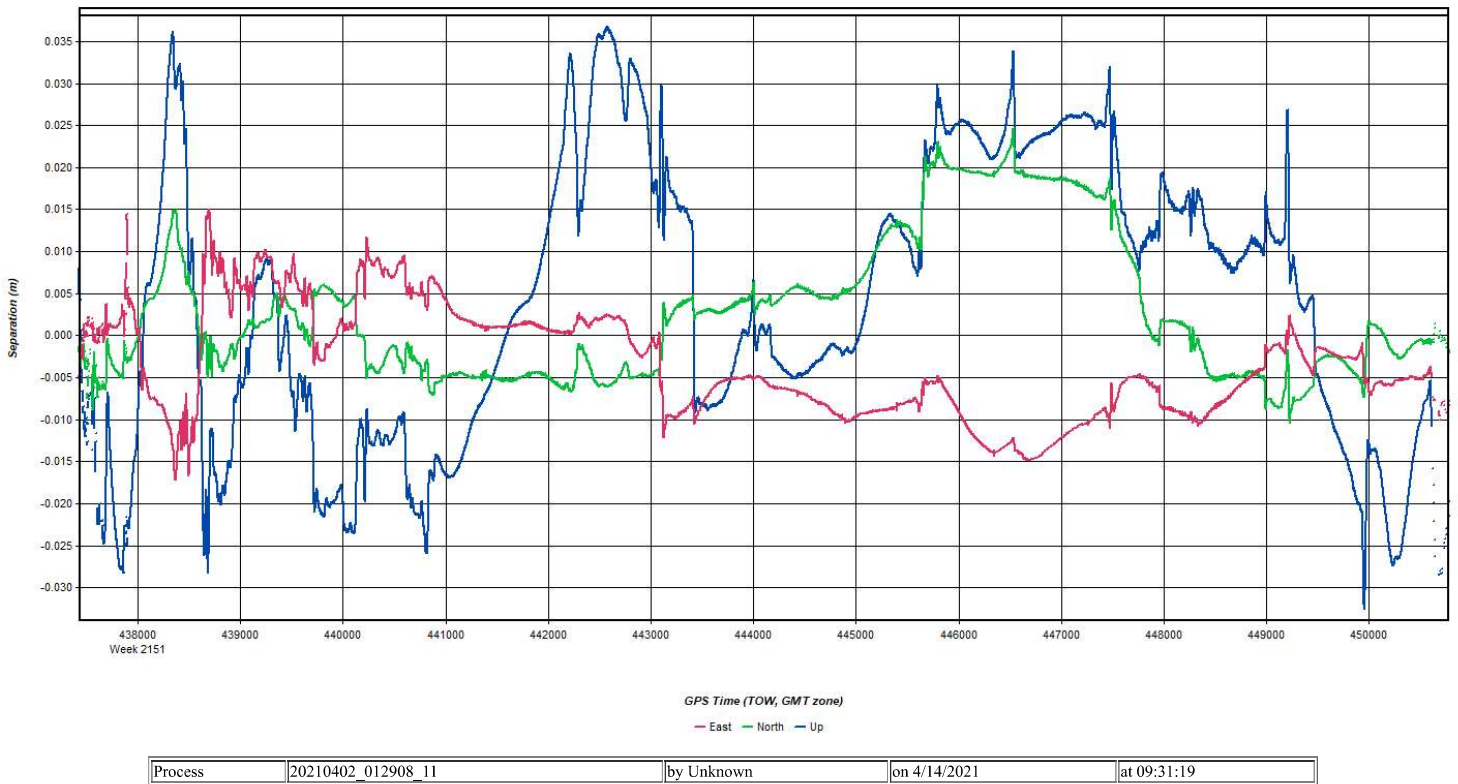
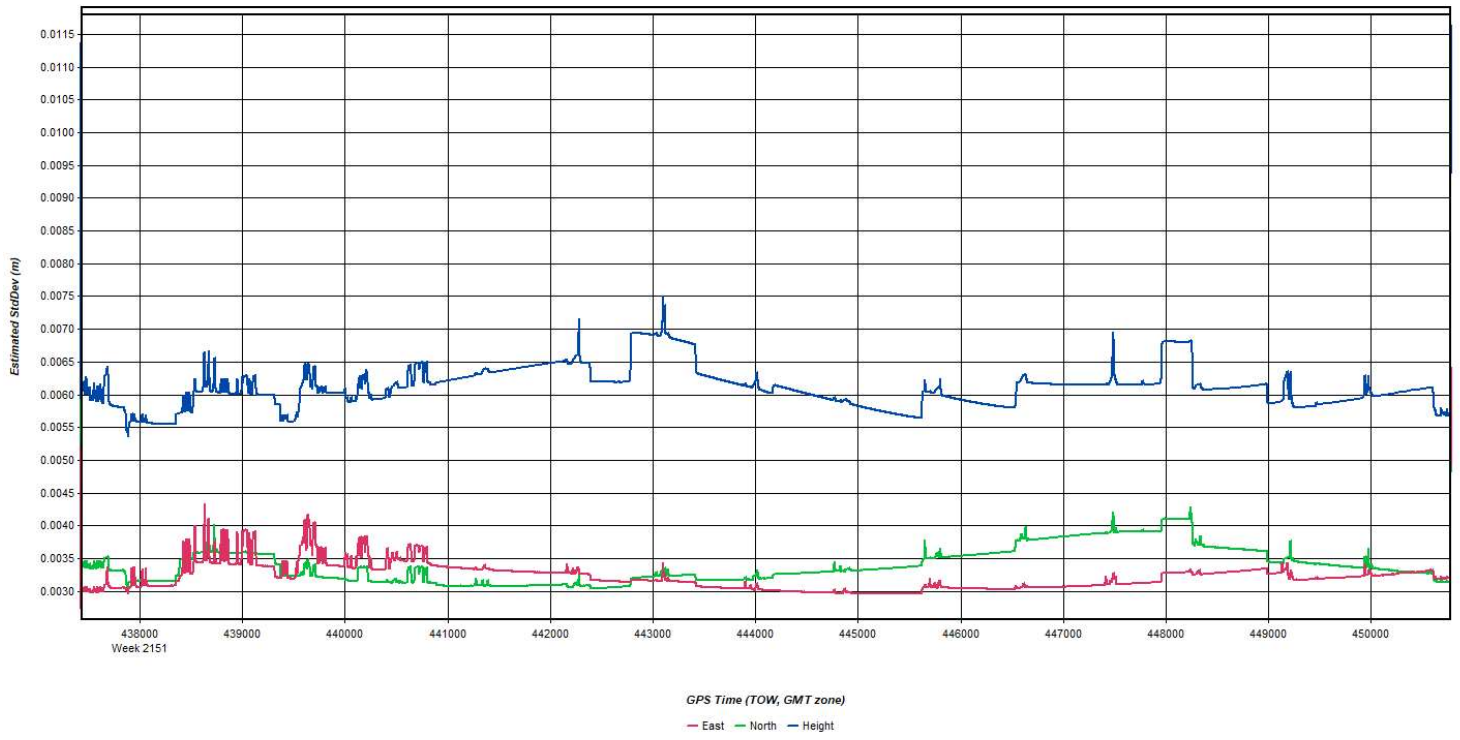
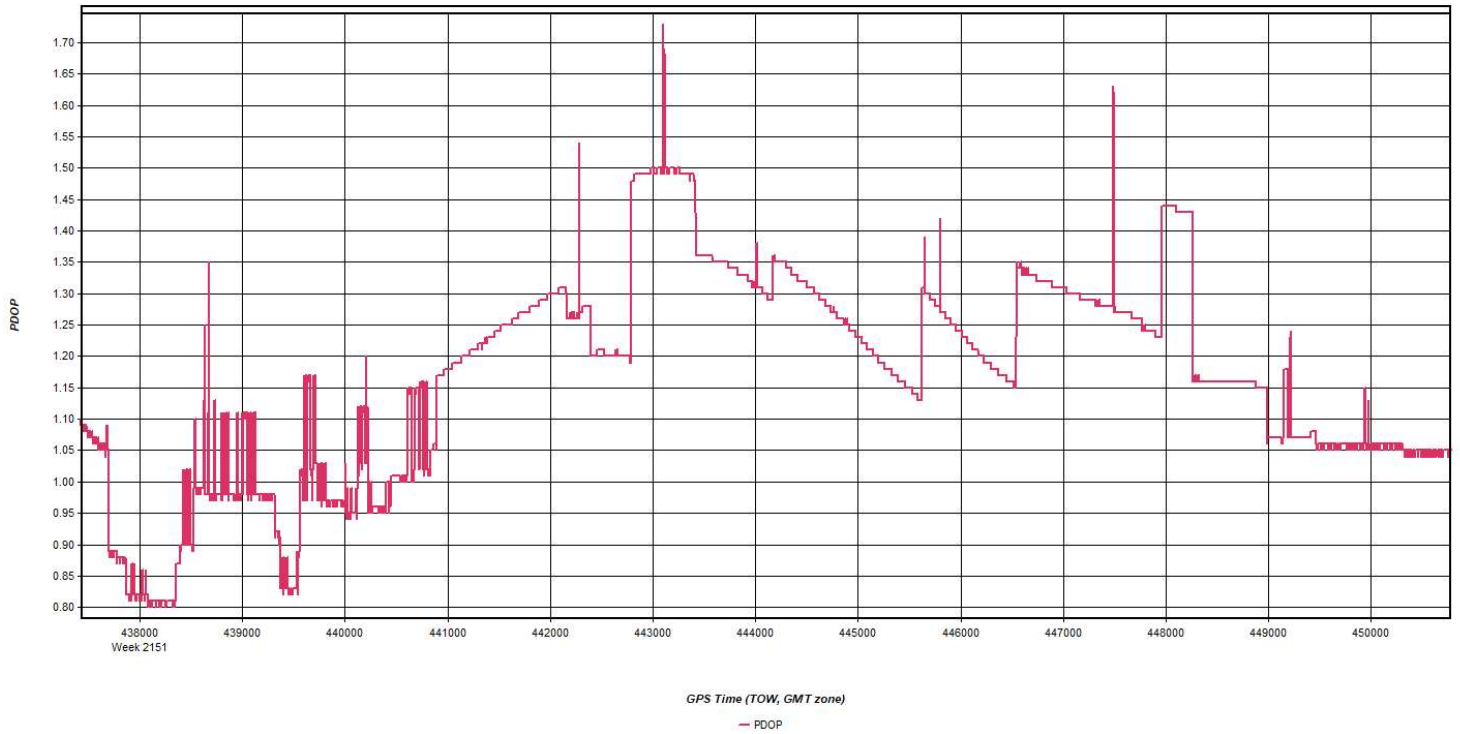


Figure 5: 20210402_012908_11 [Smoothed TC Combined] - Estimated Position Accuracy Plot



Process	20210402_012908_11	by Unknown	on 4/14/2021	at 09:31:19
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Figure 6: 20210402_012908_11 [Smoothed TC Combined] - PDOP Plot



Process	20210402_012908_11	by Unknown	on 4/14/2021	at 09:31:19
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Figure 7: 20210402_012908_11 [Smoothed TC Combined] - Number of Satellites Line Plot

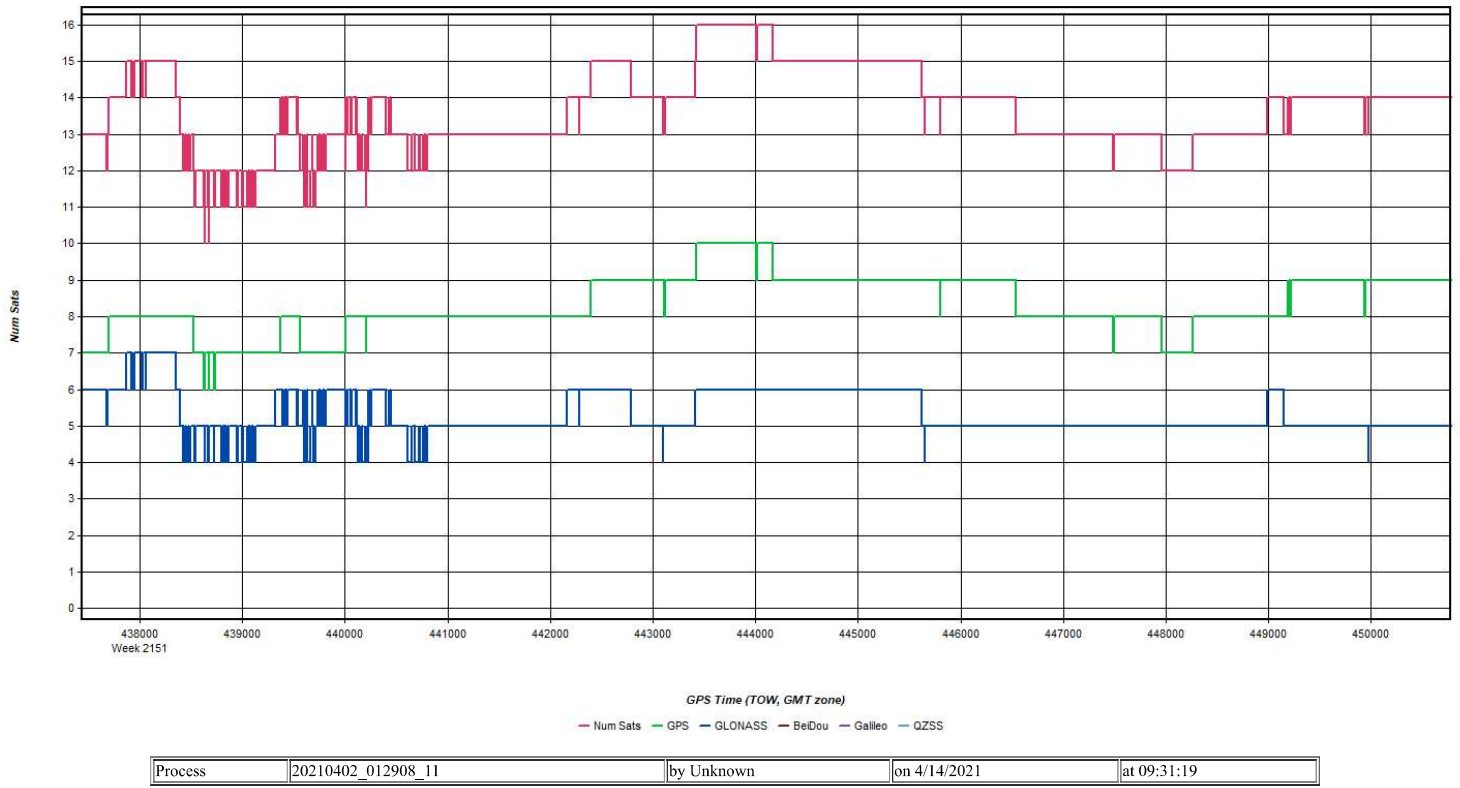


Figure 8: 20210402_012908_11 [Smoothed TC Combined] - Status flag for IMU processing

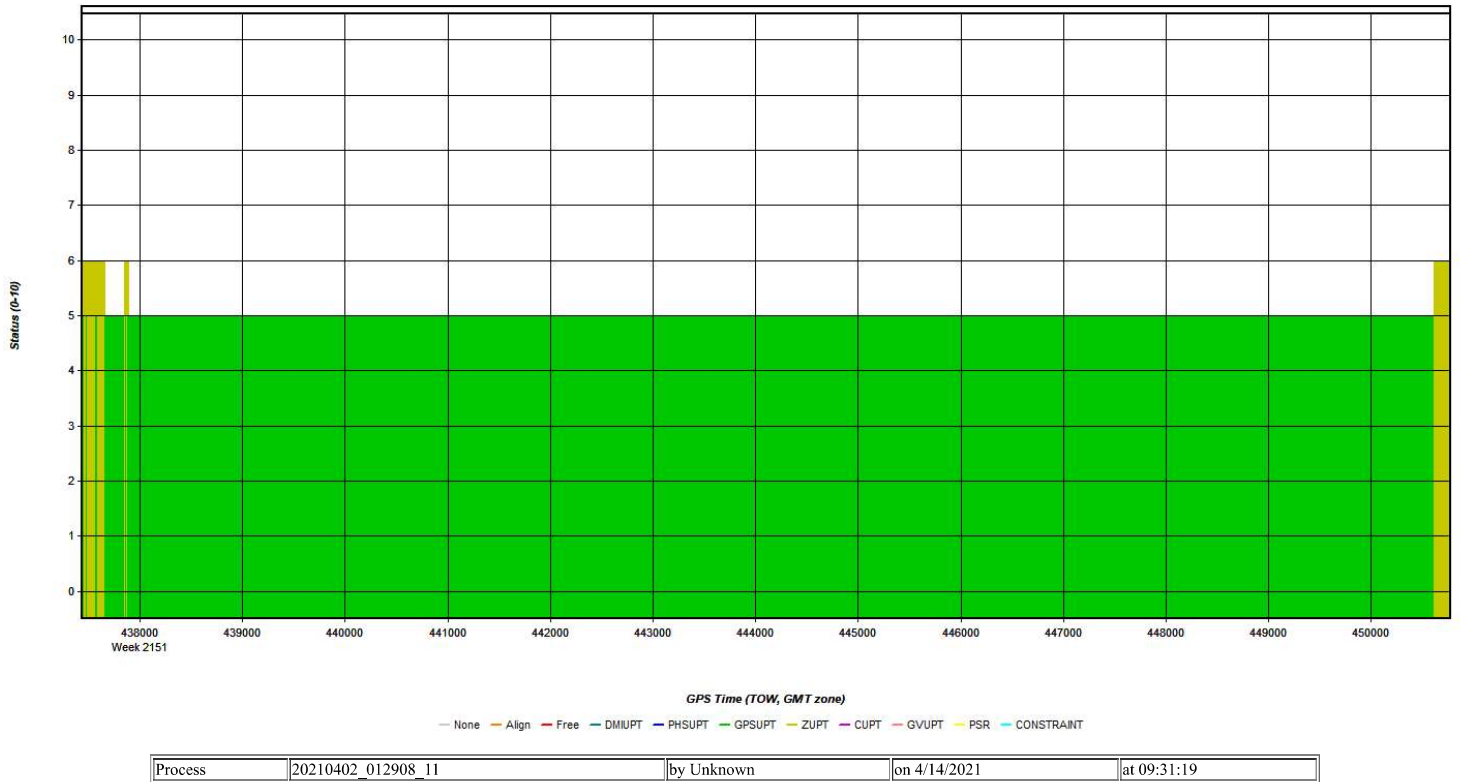
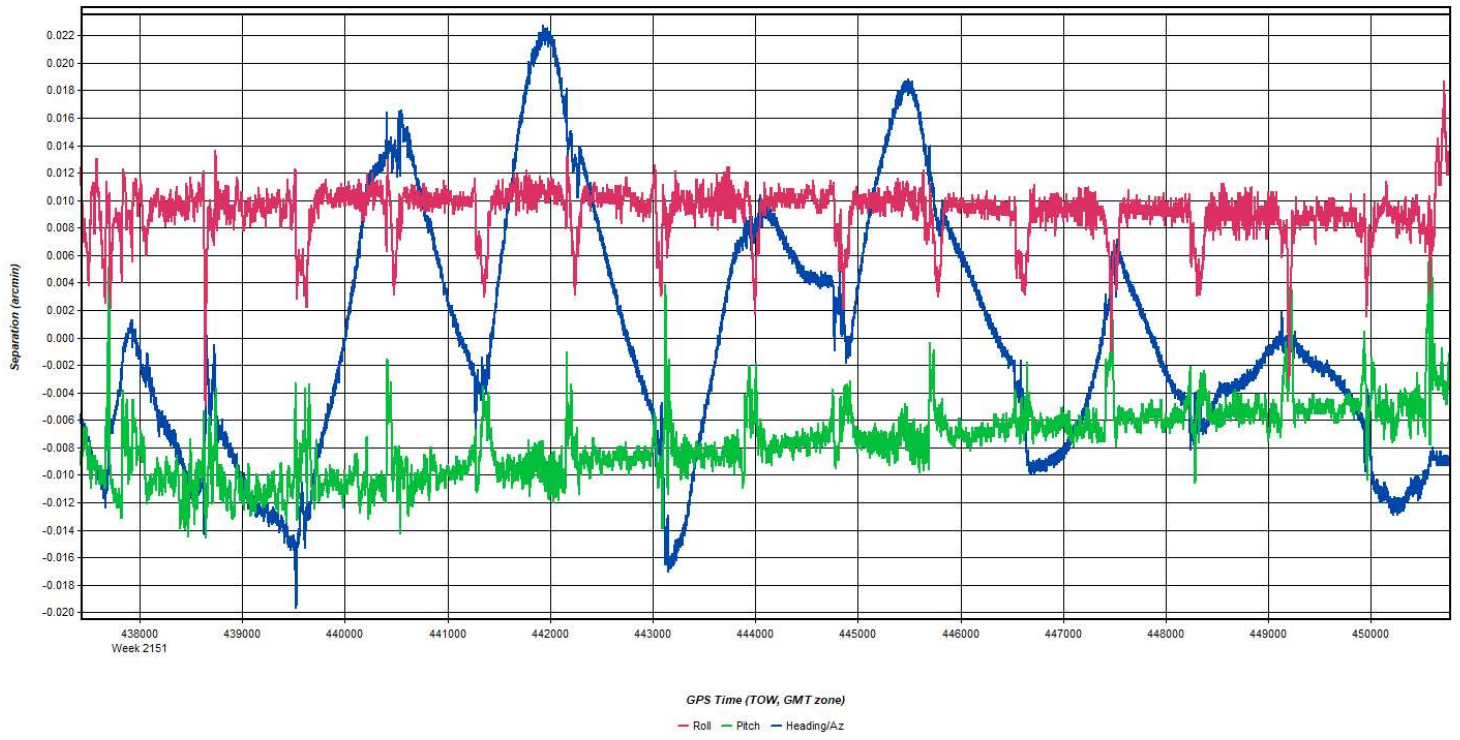
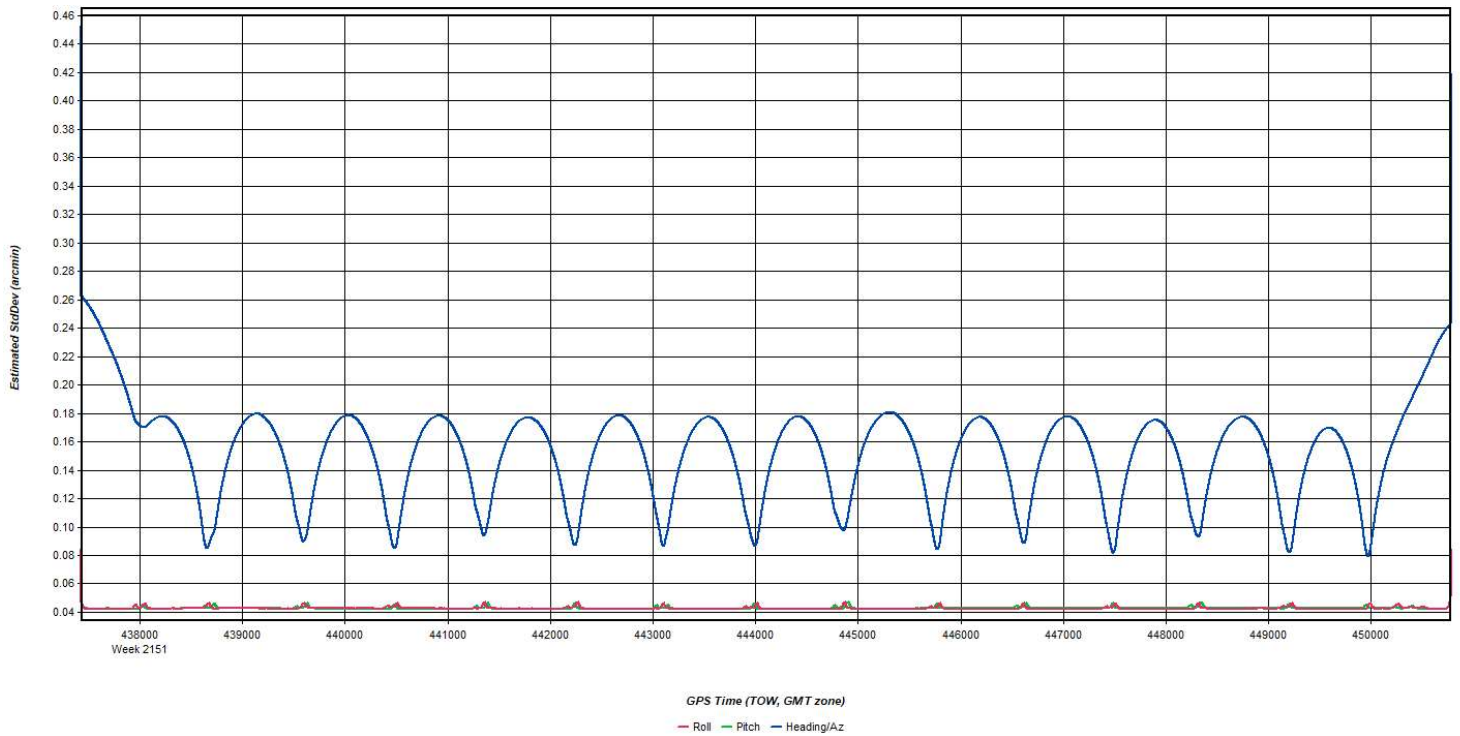


Figure 9: 20210402_012908_11 [Smoothed TC Combined] - Fwd/Rev Attitude Separation Plot



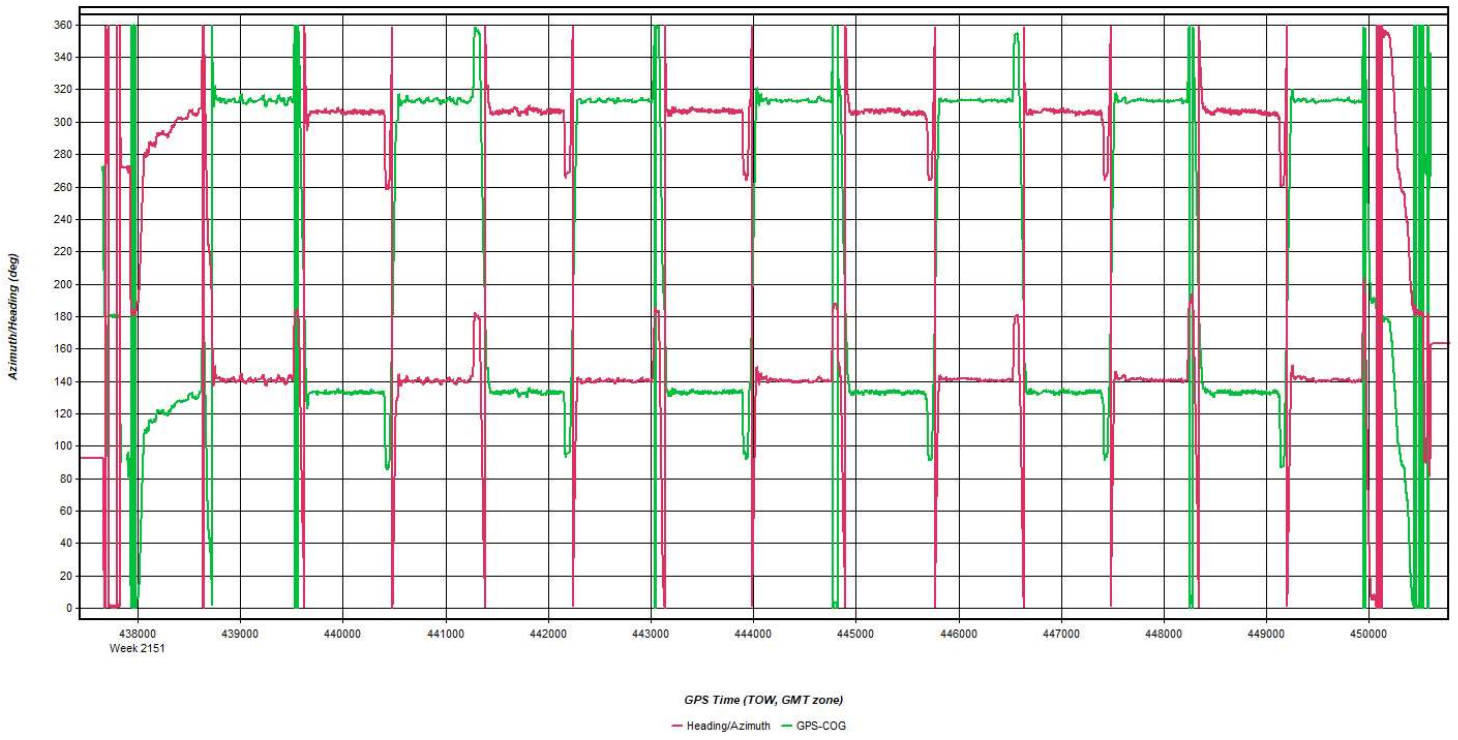
Process	20210402_012908_11	by Unknown	on 4/14/2021	at 09:31:19
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Figure 10: 20210402_012908_11 [Smoothed TC Combined] - Estimated Attitude Accuracy Plot



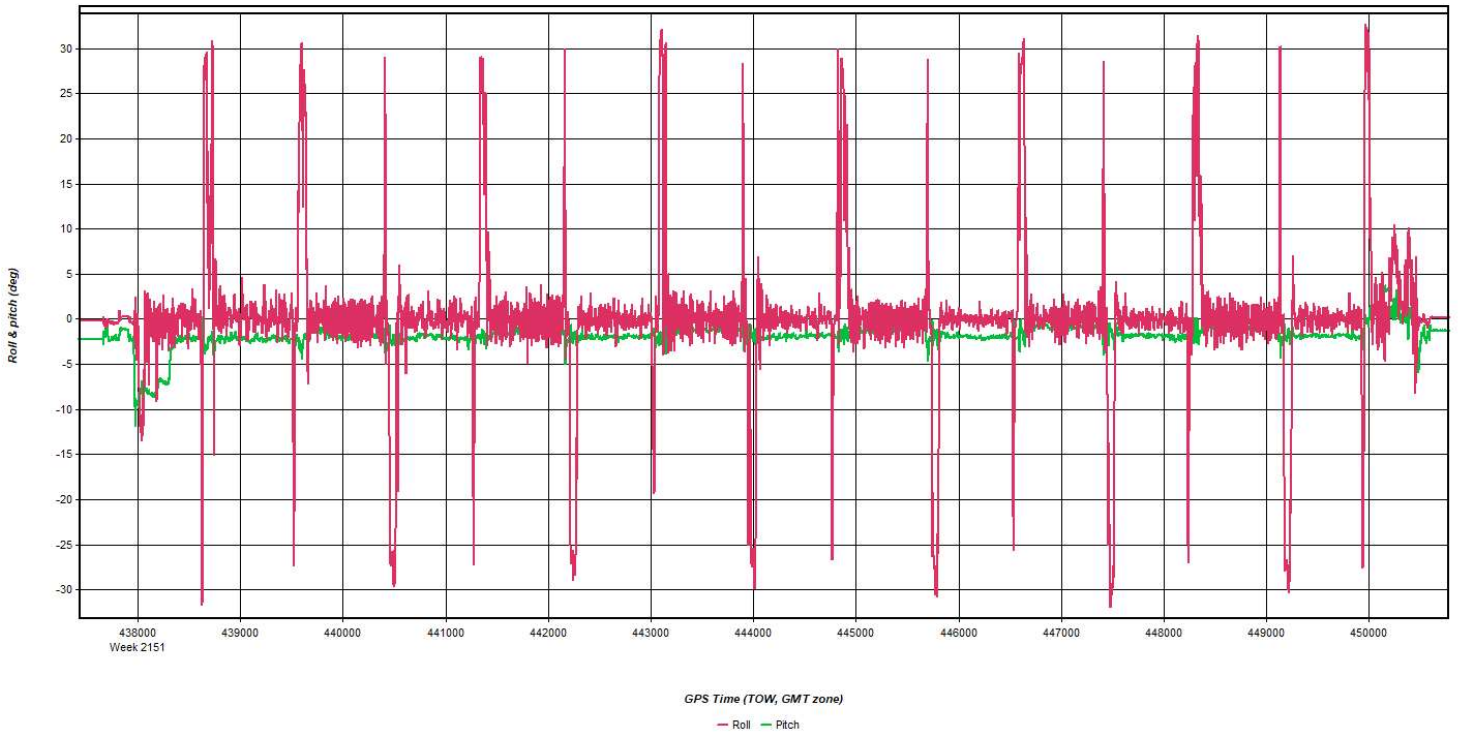
Process	20210402_012908_11	by Unknown	on 4/14/2021	at 09:31:19
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Figure 11: 20210402_012908_11 [Smoothed TC Combined] - Azimuth Plot



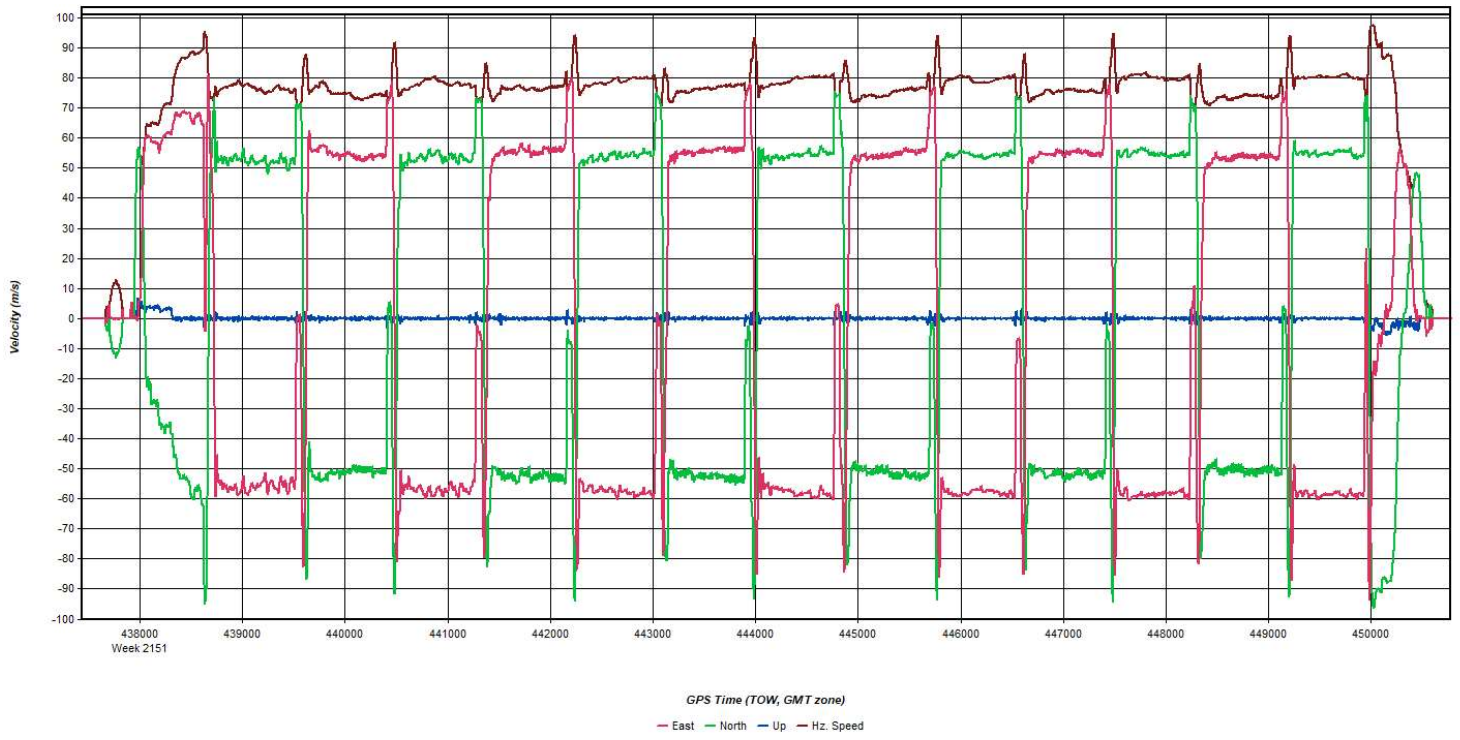
Process	20210402_012908_11	by Unknown	on 4/14/2021	at 09:31:19
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Figure 12: 20210402_012908_11 [Smoothed TC Combined] - Roll & Pitch Plot



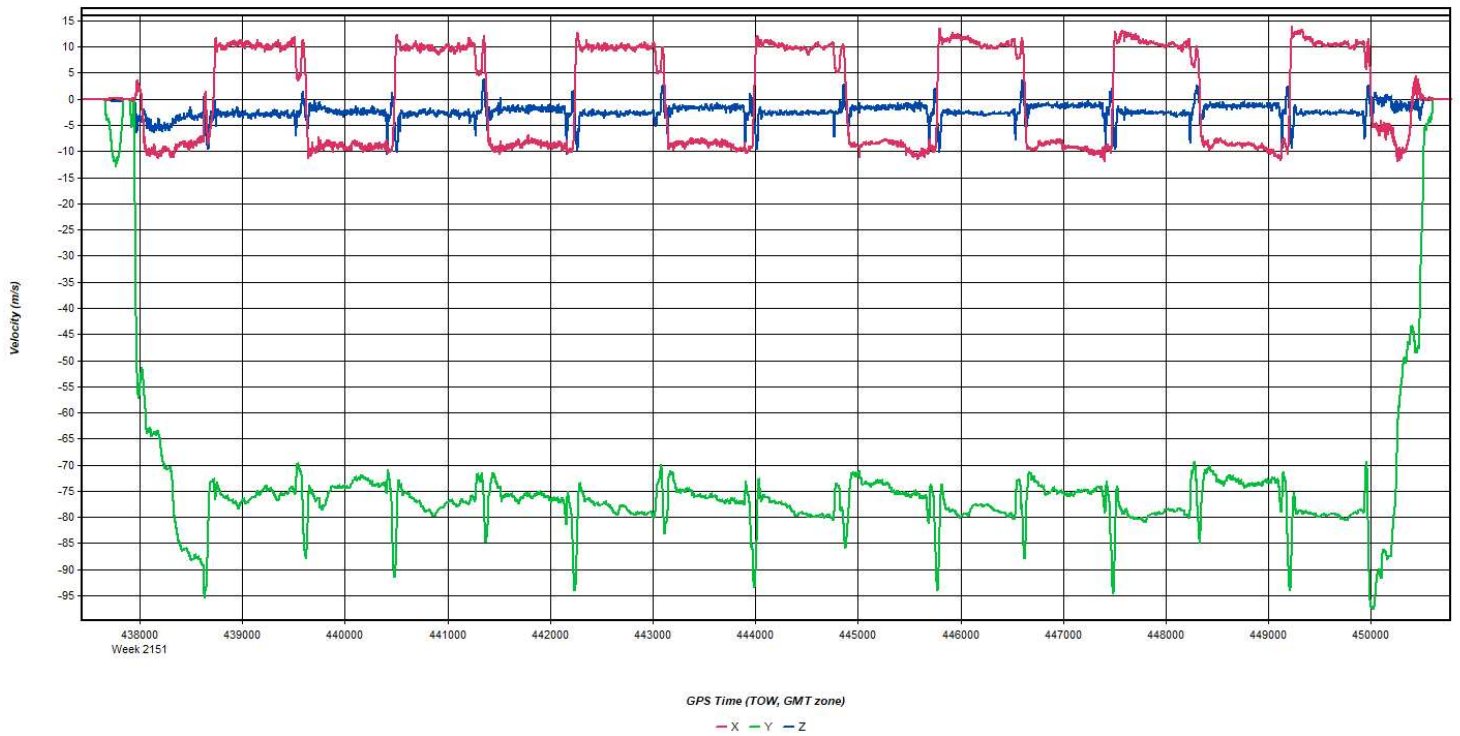
Process	20210402_012908_11	by Unknown	on 4/14/2021	at 09:31:19
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Figure 13: 20210402_012908_11 [Smoothed TC Combined] - Velocity Profile Plot



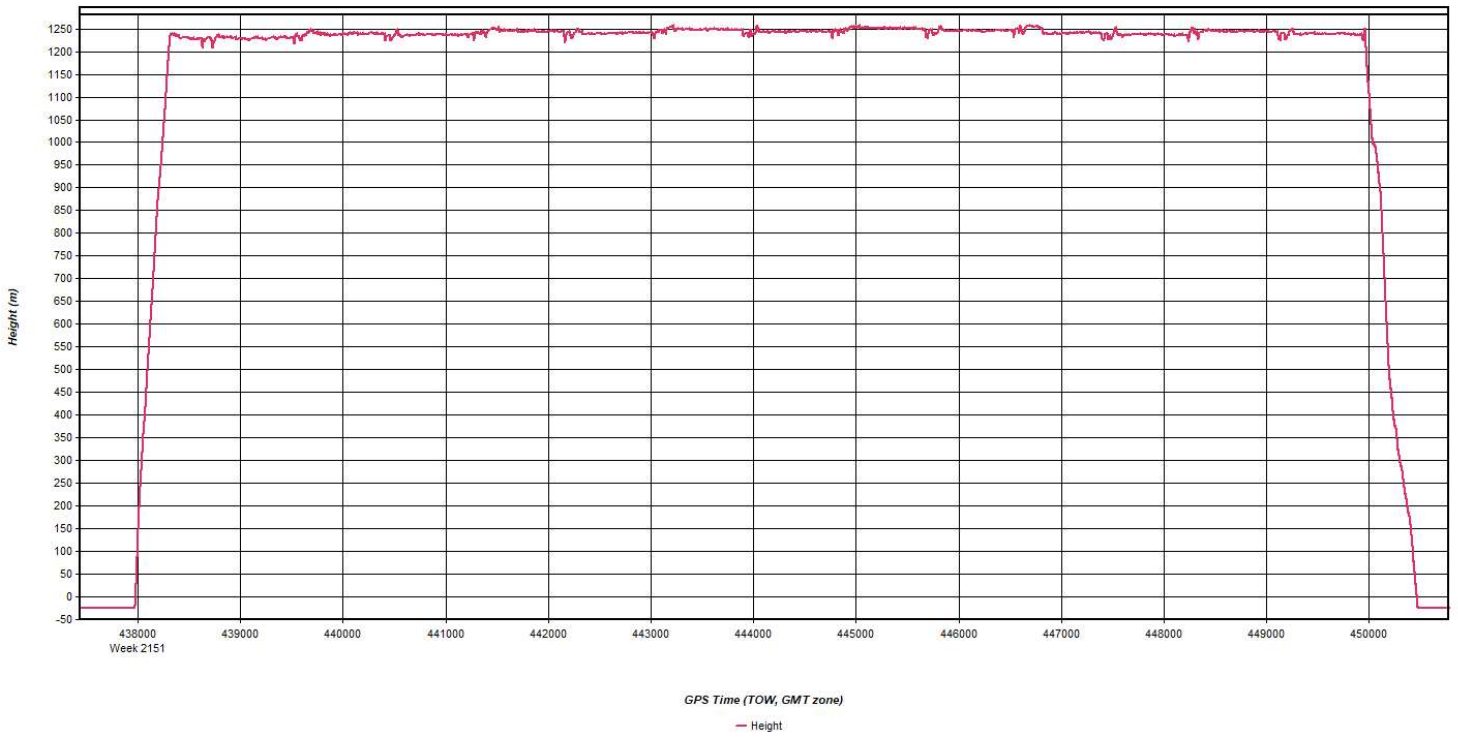
Process	20210402_012908_11	by Unknown	on 4/14/2021	at 09:31:19
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Figure 14: 20210402_012908_11 [Smoothed TC Combined] - Body Frame Velocity Plot



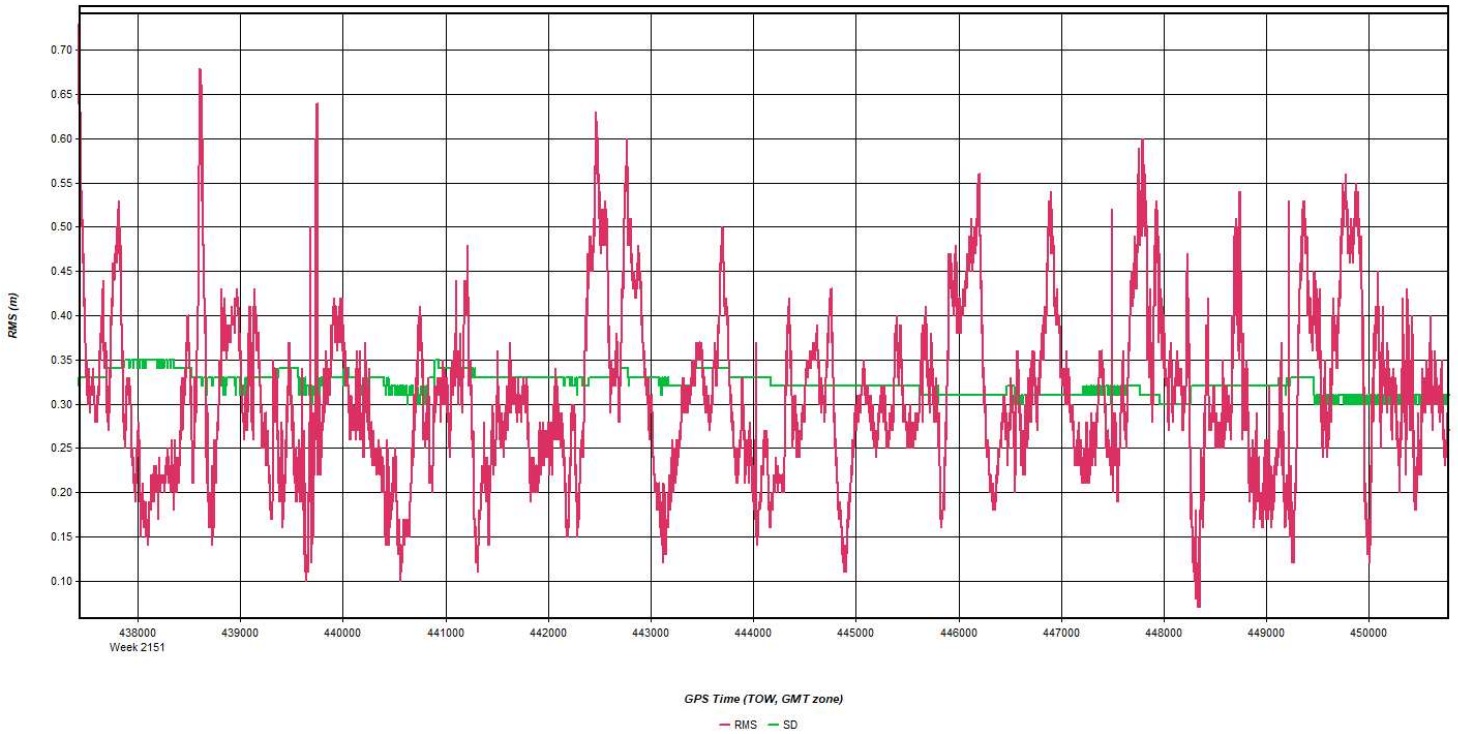
Process	20210402_012908_11	by Unknown	on 4/14/2021	at 09:31:19
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Figure 15: 20210402_012908_11 [Smoothed TC Combined] - Height Profile Plot



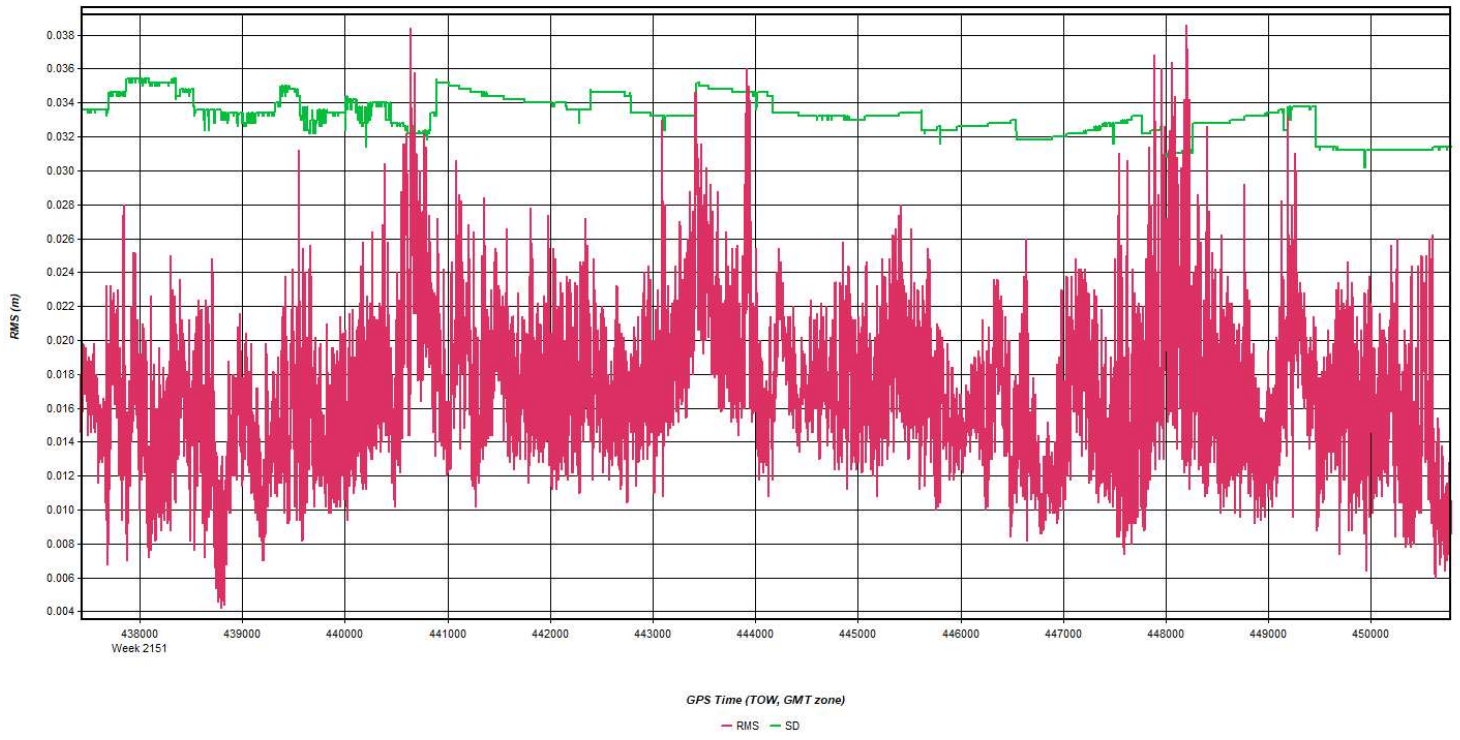
Process	20210402_012908_11	by Unknown	on 4/14/2021	at 09:31:19
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Figure 16: 20210402_012908_11 [Smoothed TC Combined] - C/A Code Residual RMS Plot



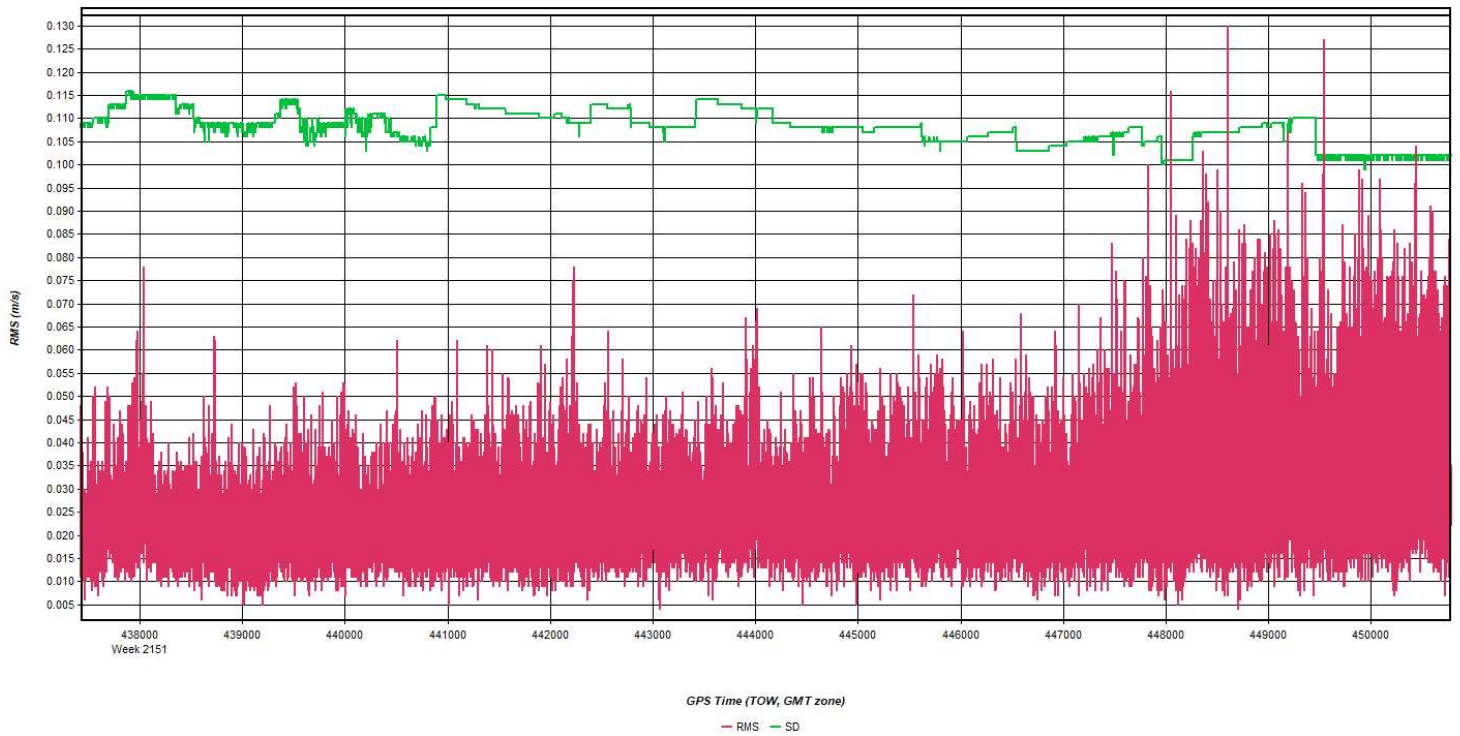
Process	20210402_012908_11	by Unknown	on 4/14/2021	at 09:31:19
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Figure 17: 20210402_012908_11 [Smoothed TC Combined] - Carrier Residual RMS Plot



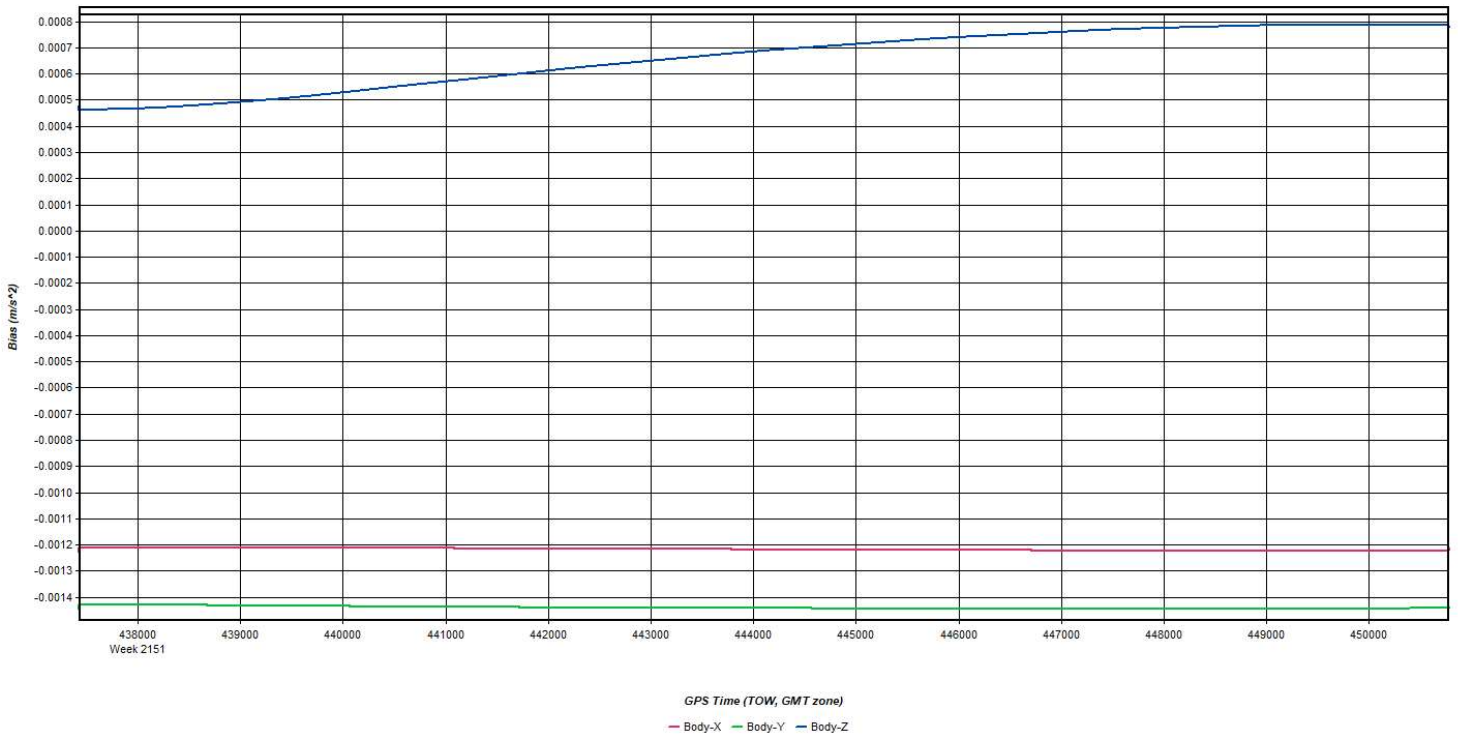
Process	20210402_012908_11	by Unknown	on 4/14/2021	at 09:31:19
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Figure 18: 20210402_012908_11 [Smoothed TC Combined] - L1 Doppler Residual RMS Plot



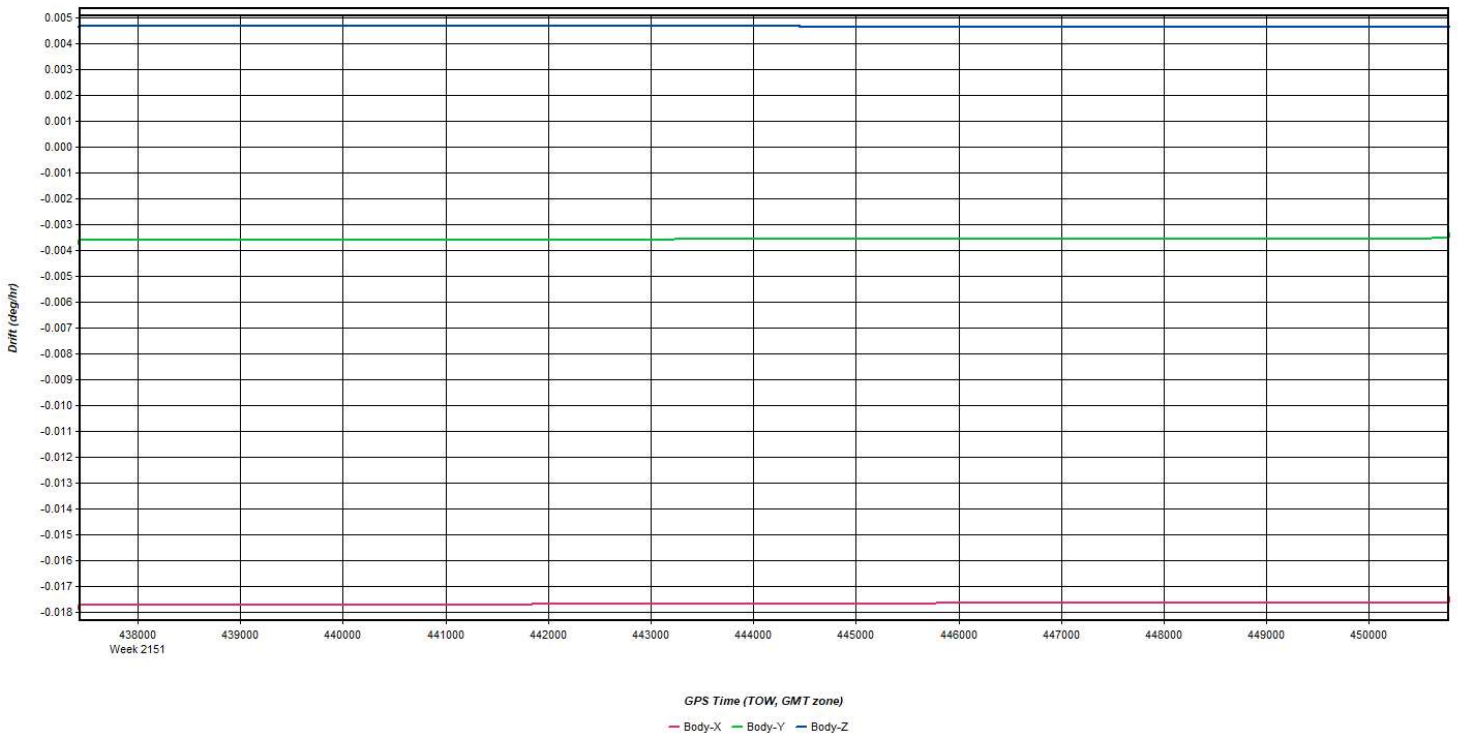
Process	20210402_012908_11	by Unknown	on 4/14/2021	at 09:31:19
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Figure 19: 20210402_012908_11 [Smoothed TC Combined] - Accelerometer Bias Plot



Process	20210402_012908_11	by Unknown	on 4/14/2021	at 09:31:19
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Figure 20: 20210402_012908_11 [Smoothed TC Combined] - Gyro Drift Plot

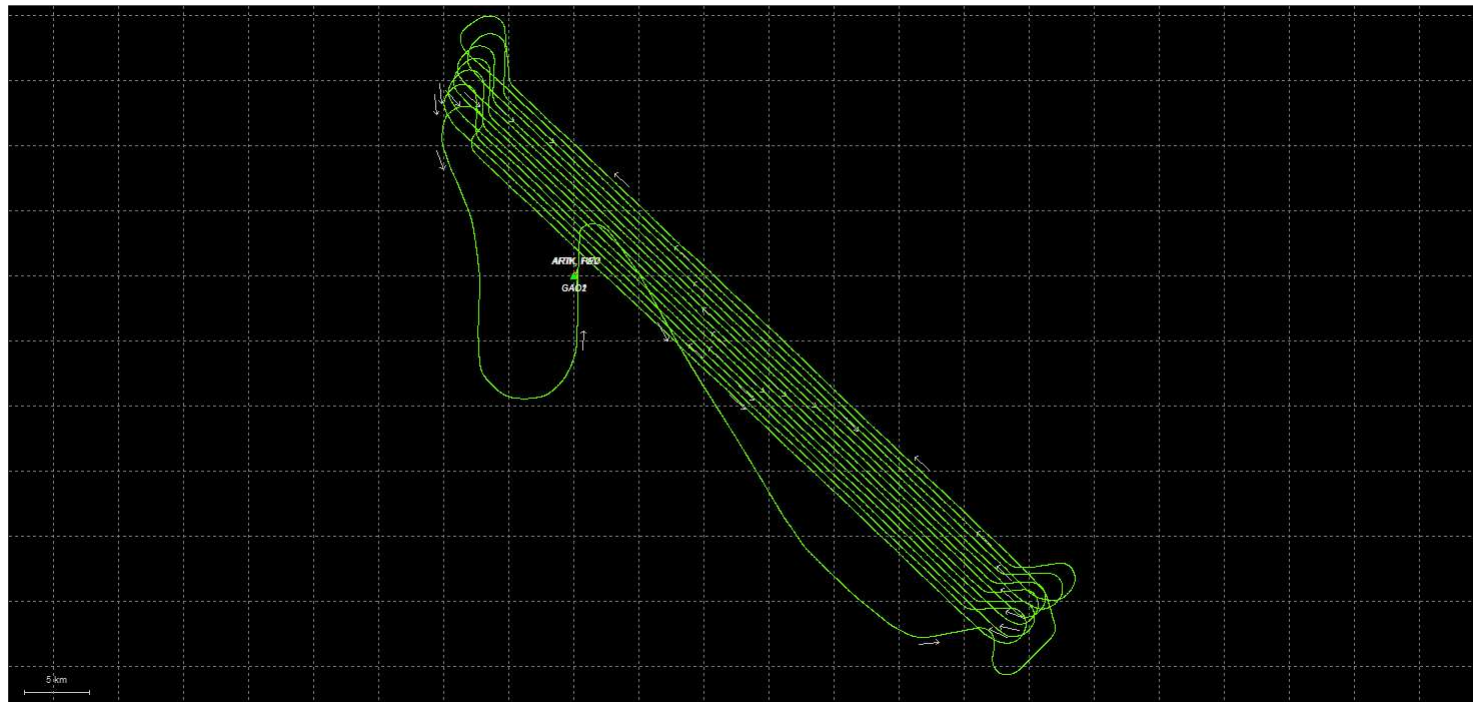


Process	20210402_012908_11	by Unknown	on 4/14/2021	at 09:31:19
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Output Results for 20210402_053411_12

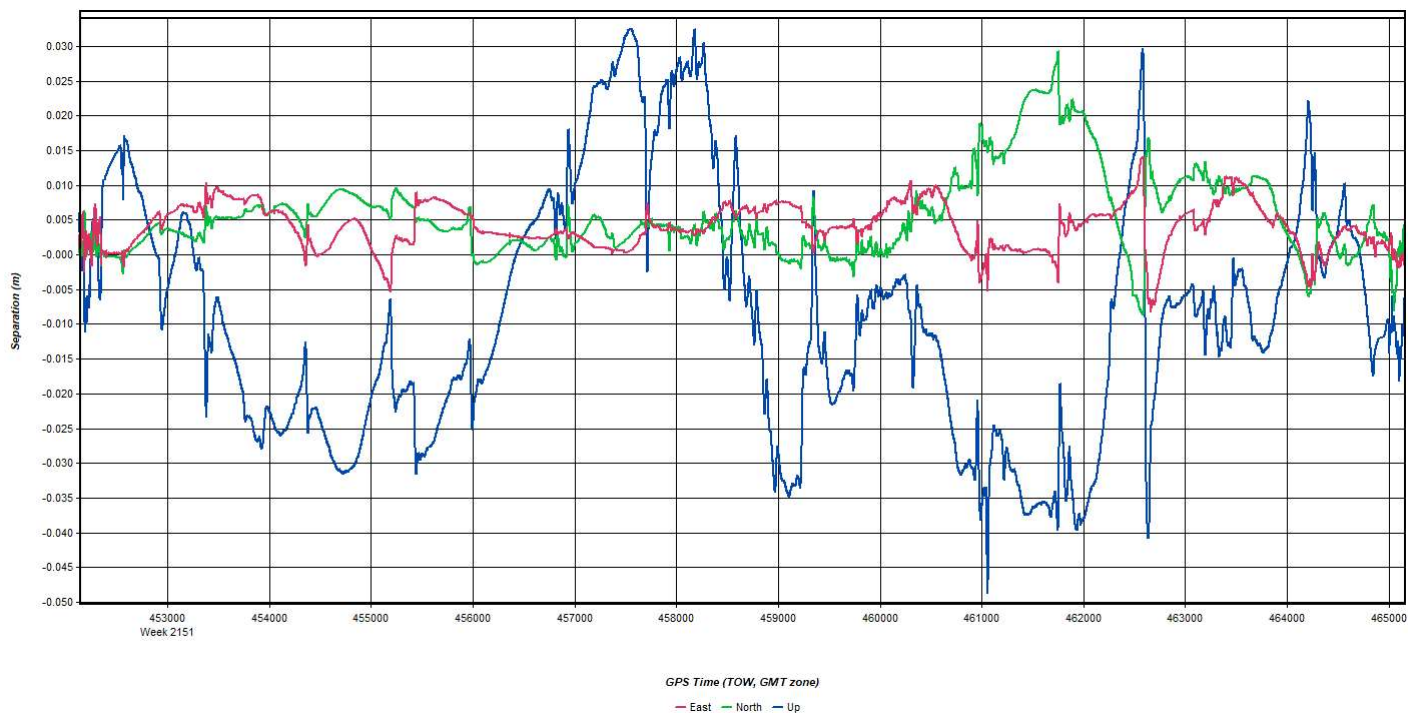
Inertial Explorer Version 8.90.2124
04/12/2021

Figure 1: Smoothed TC Combined - Map



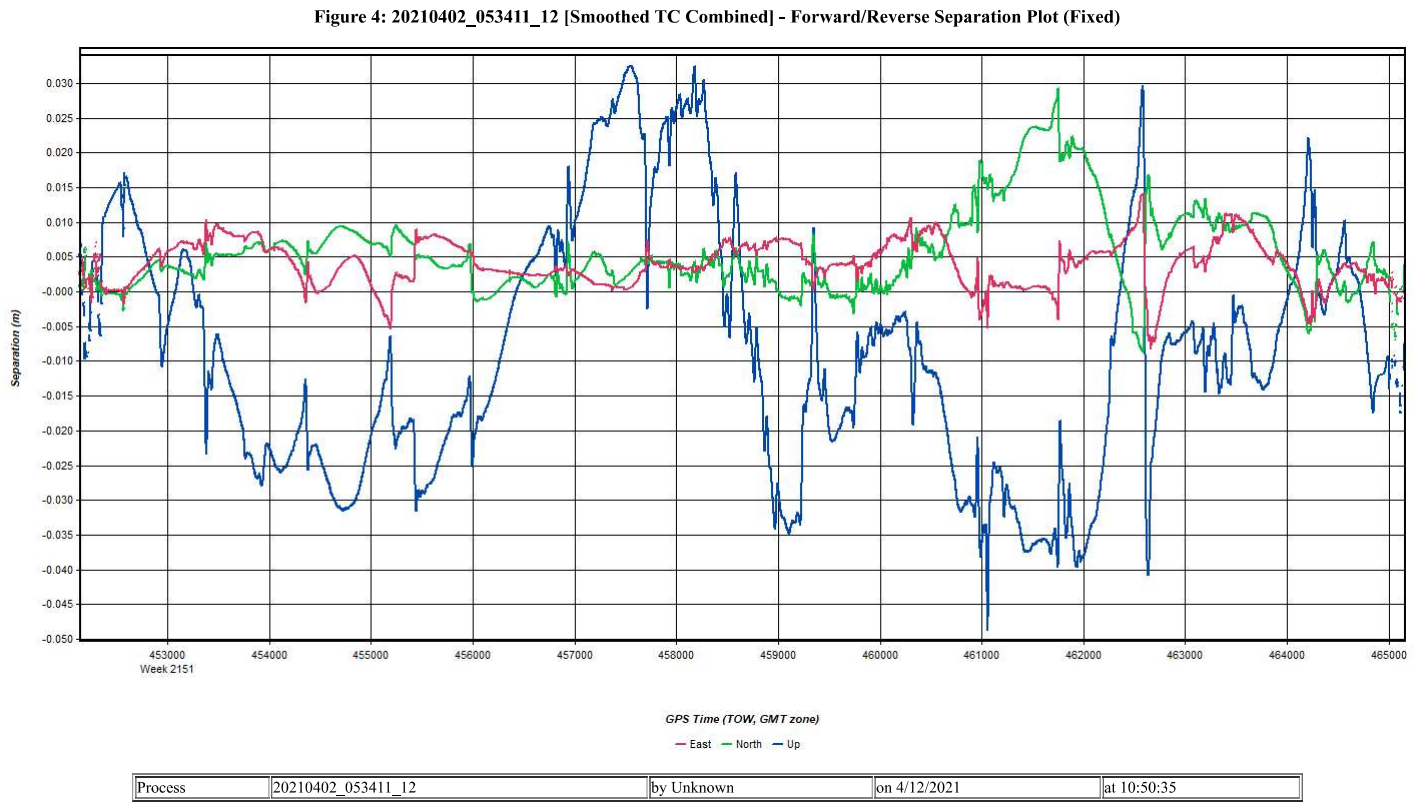
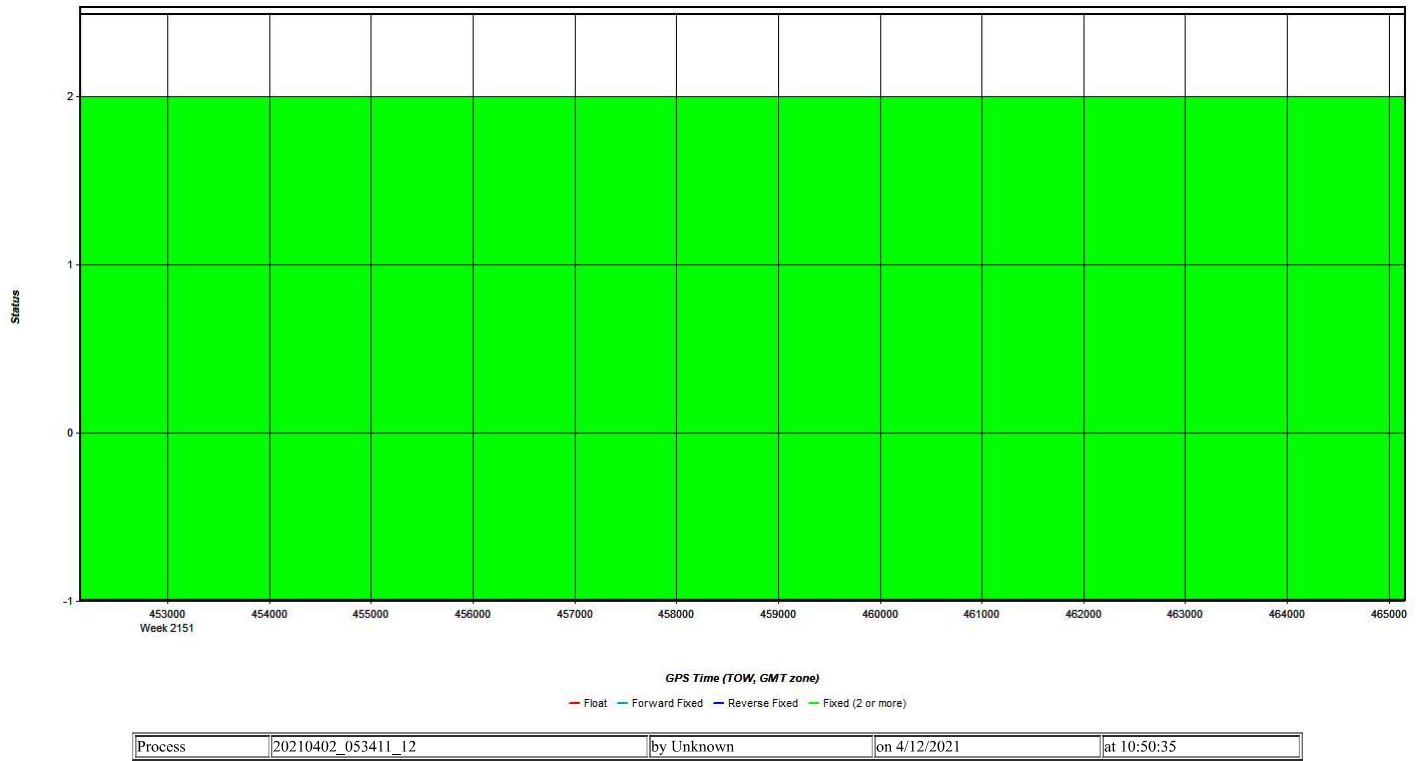
Process	20210402_053411_12	by Unknown	on 4/12/2021	at 10:50:35
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Figure 2: 20210402_053411_12 [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot



Process	20210402_053411_12	by Unknown	on 4/12/2021	at 10:50:35
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Figure 3: 20210402_053411_12 [Smoothed TC Combined] - Float or Fixed Ambiguity



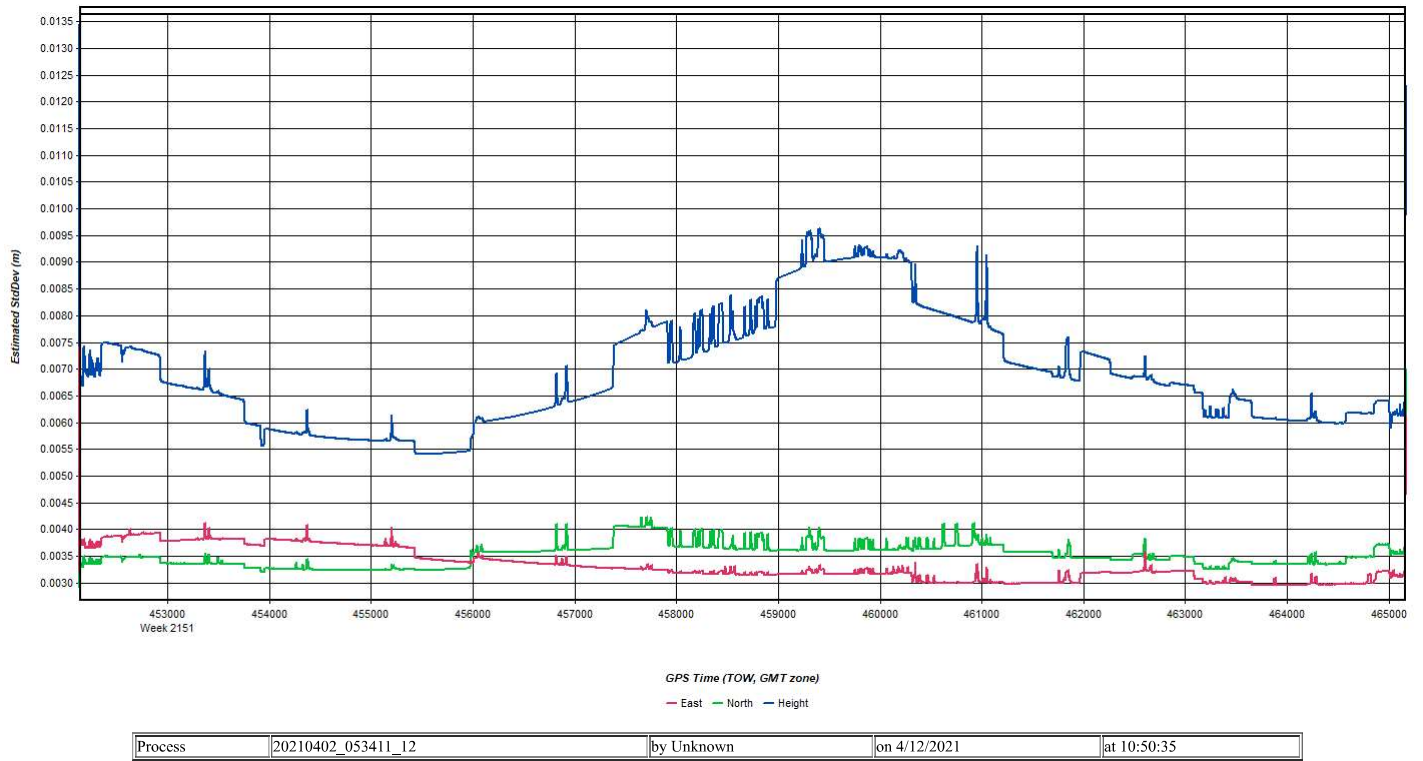


Figure 6: 20210402_053411_12 [Smoothed TC Combined] - PDOP Plot



Figure 7: 20210402_053411_12 [Smoothed TC Combined] - Number of Satellites Line Plot

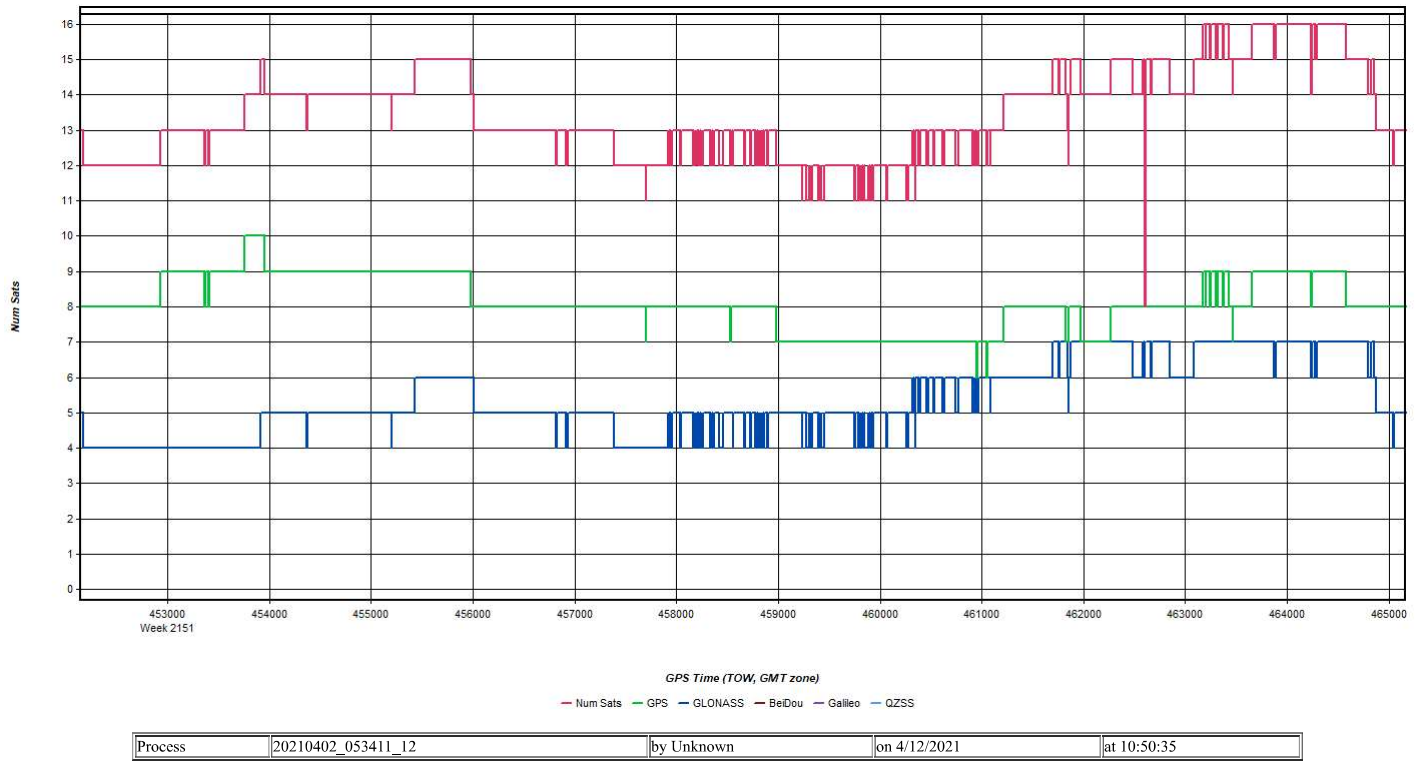


Figure 8: 20210402_053411_12 [Smoothed TC Combined] - Status flag for IMU processing

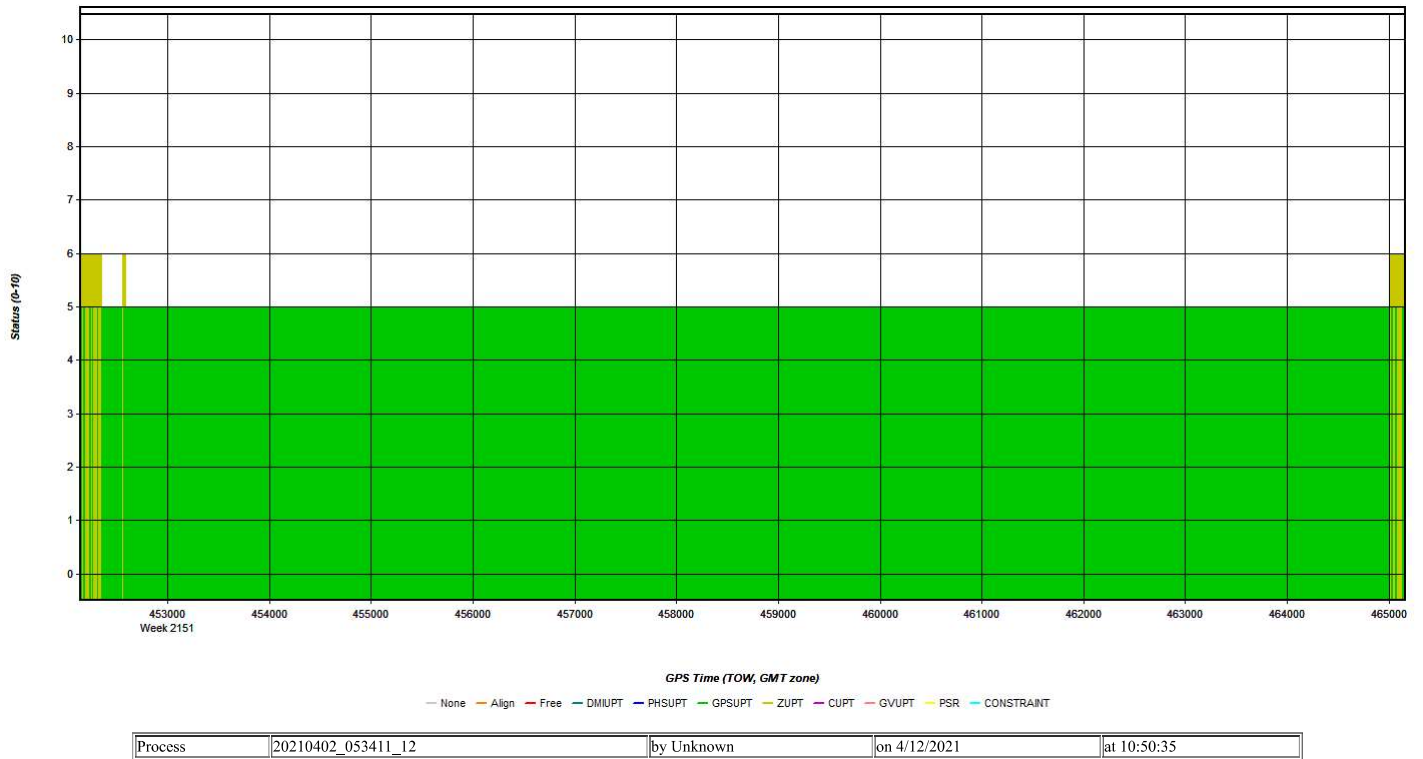


Figure 9: 20210402_053411_12 [Smoothed TC Combined] - Fwd/Rev Attitude Separation Plot

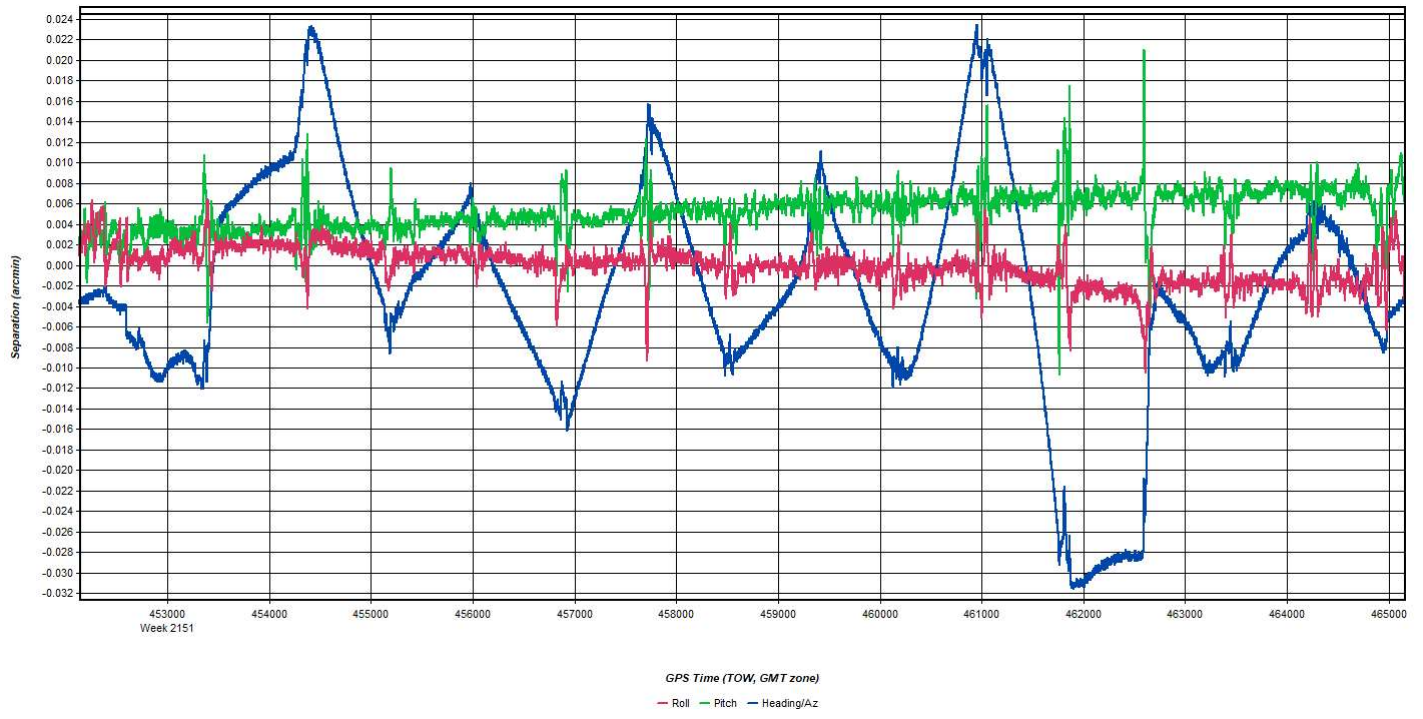


Figure 10: 20210402_053411_12 [Smoothed TC Combined] - Estimated Attitude Accuracy Plot

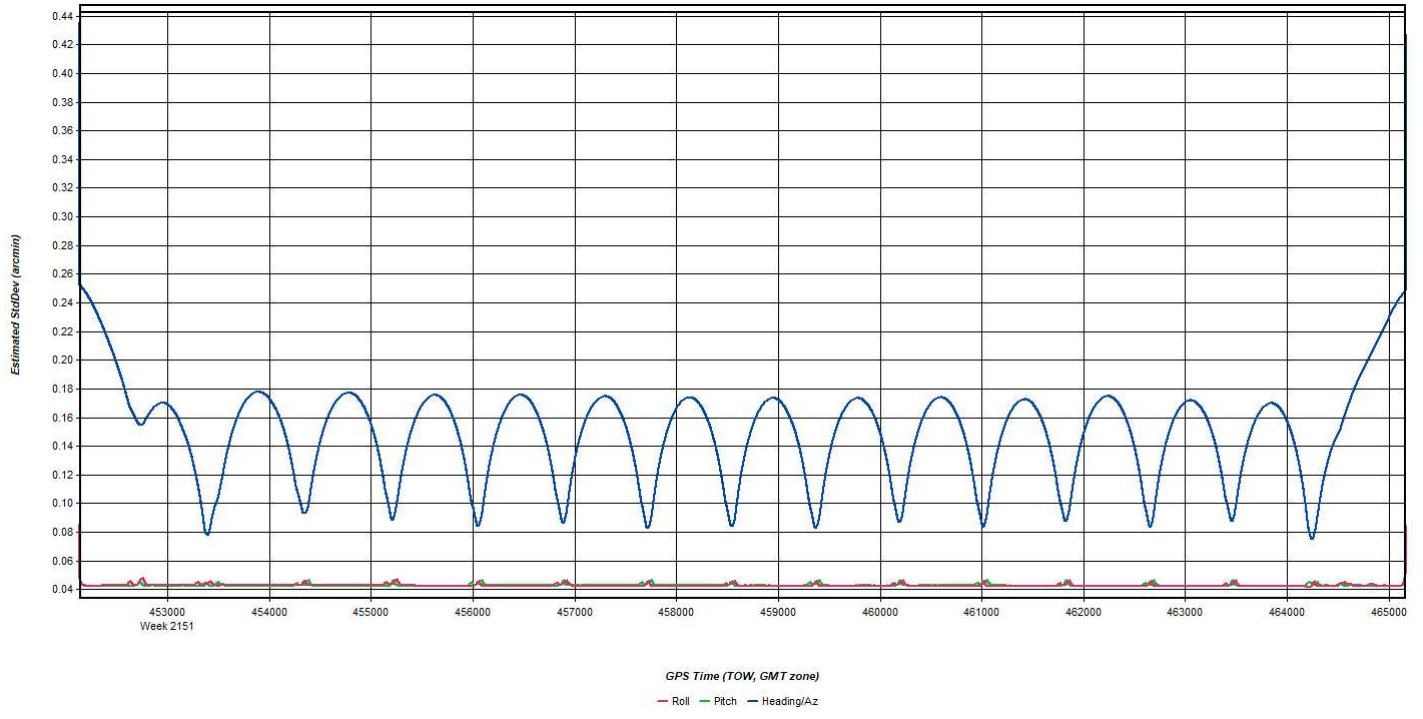


Figure 11: 20210402_053411_12 [Smoothed TC Combined] - Azimuth Plot

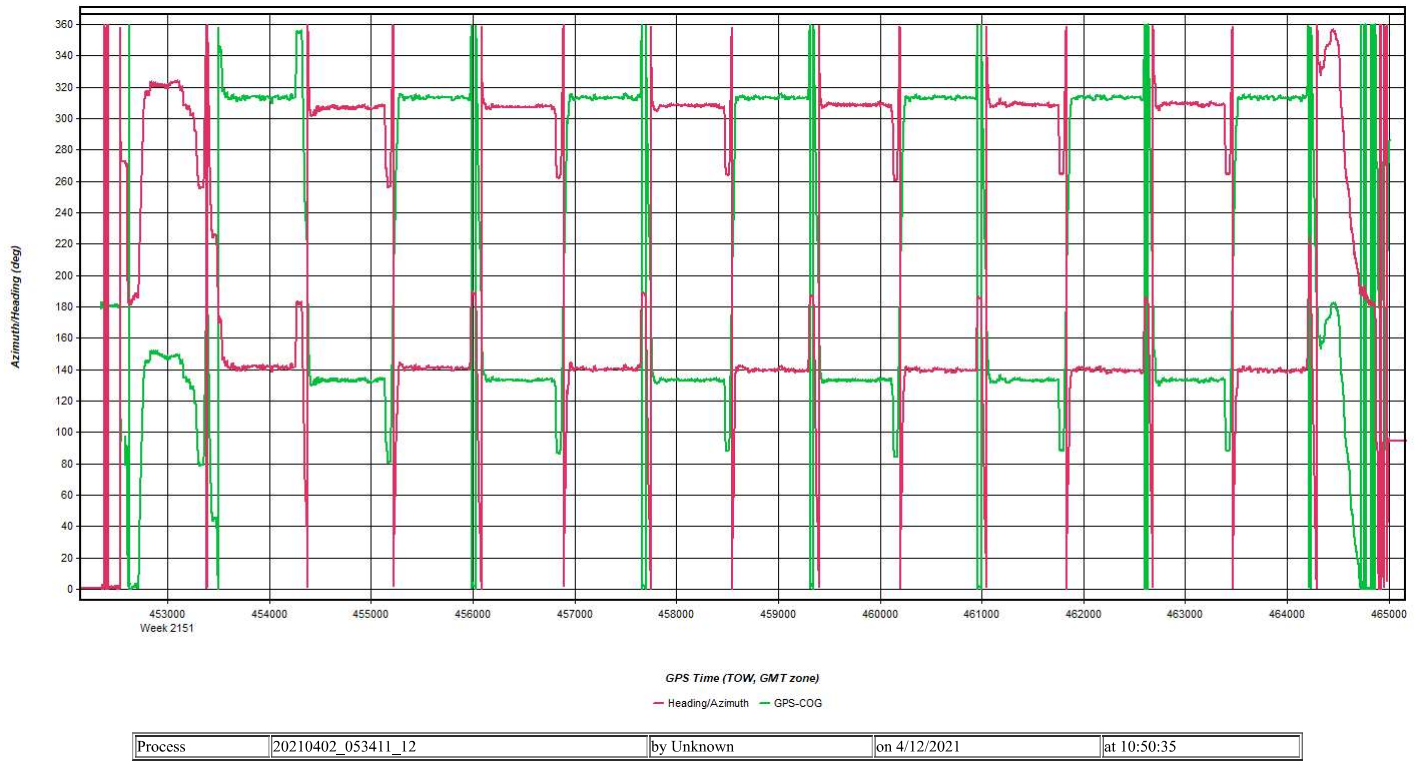


Figure 12: 20210402_053411_12 [Smoothed TC Combined] - Roll & Pitch Plot

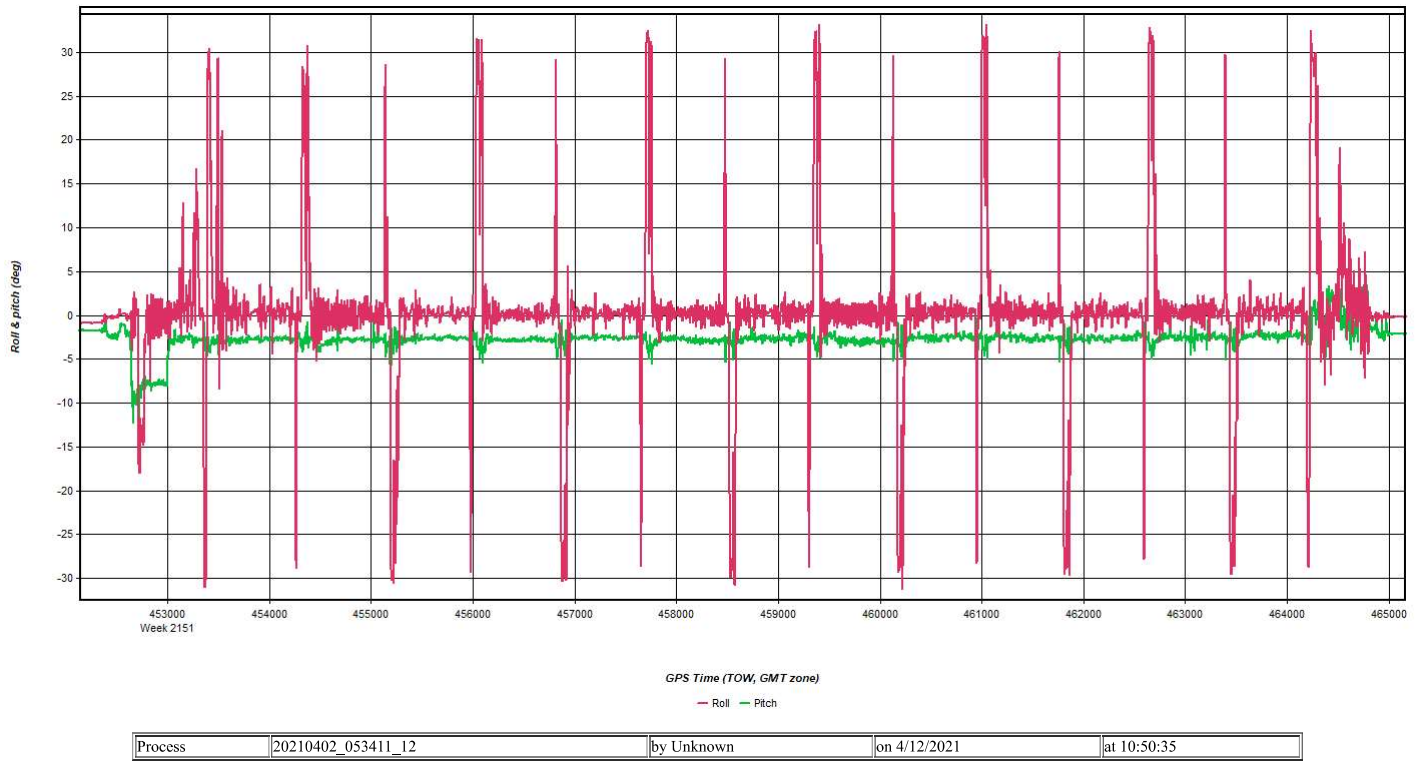


Figure 13: 20210402_053411_12 [Smoothed TC Combined] - Velocity Profile Plot

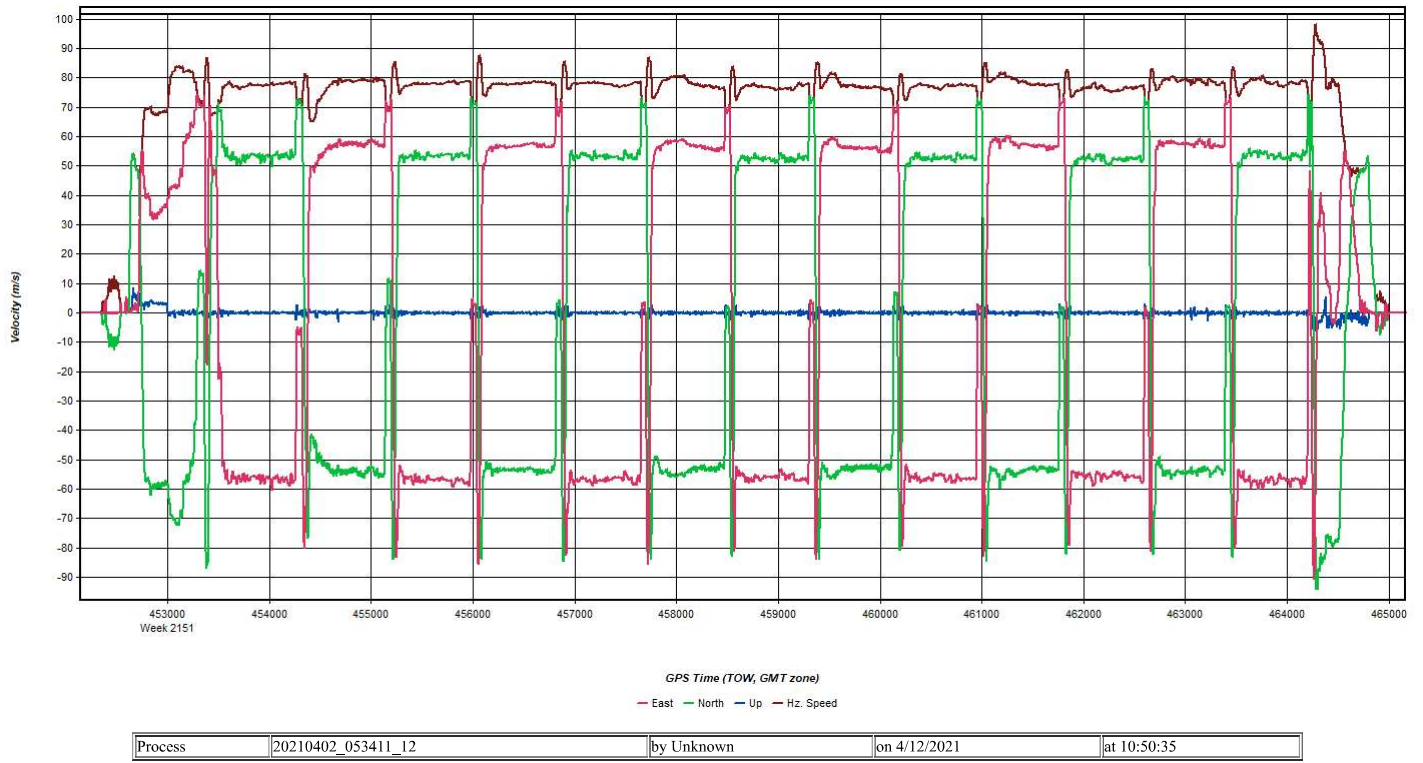


Figure 14: 20210402_053411_12 [Smoothed TC Combined] - Body Frame Velocity Plot

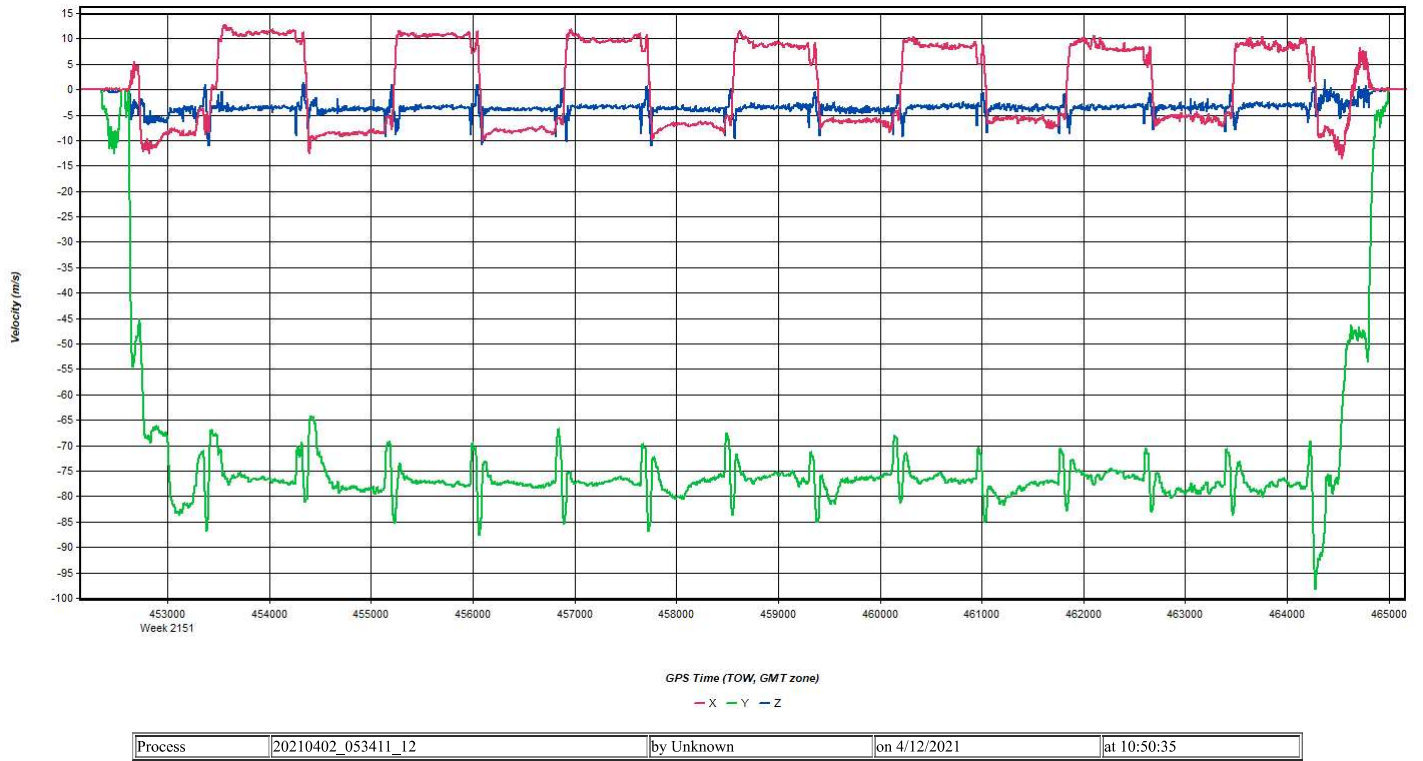
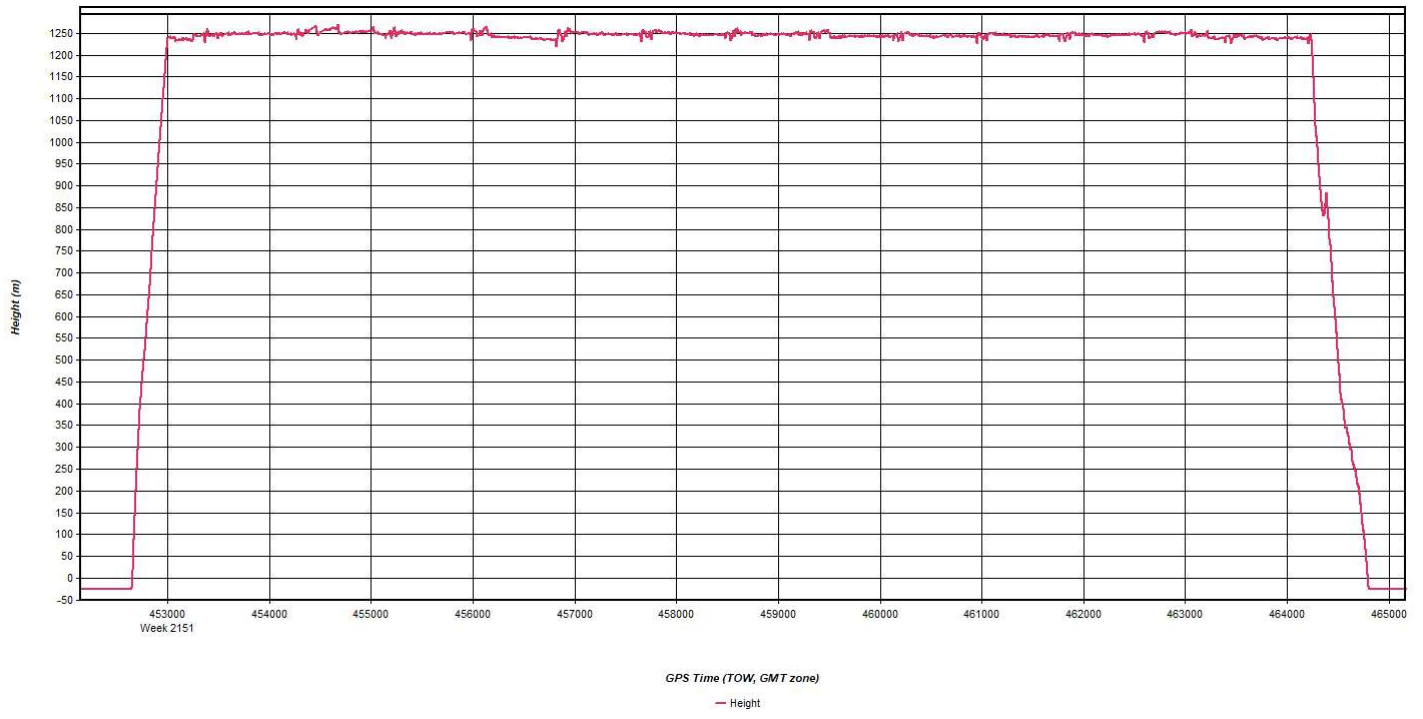
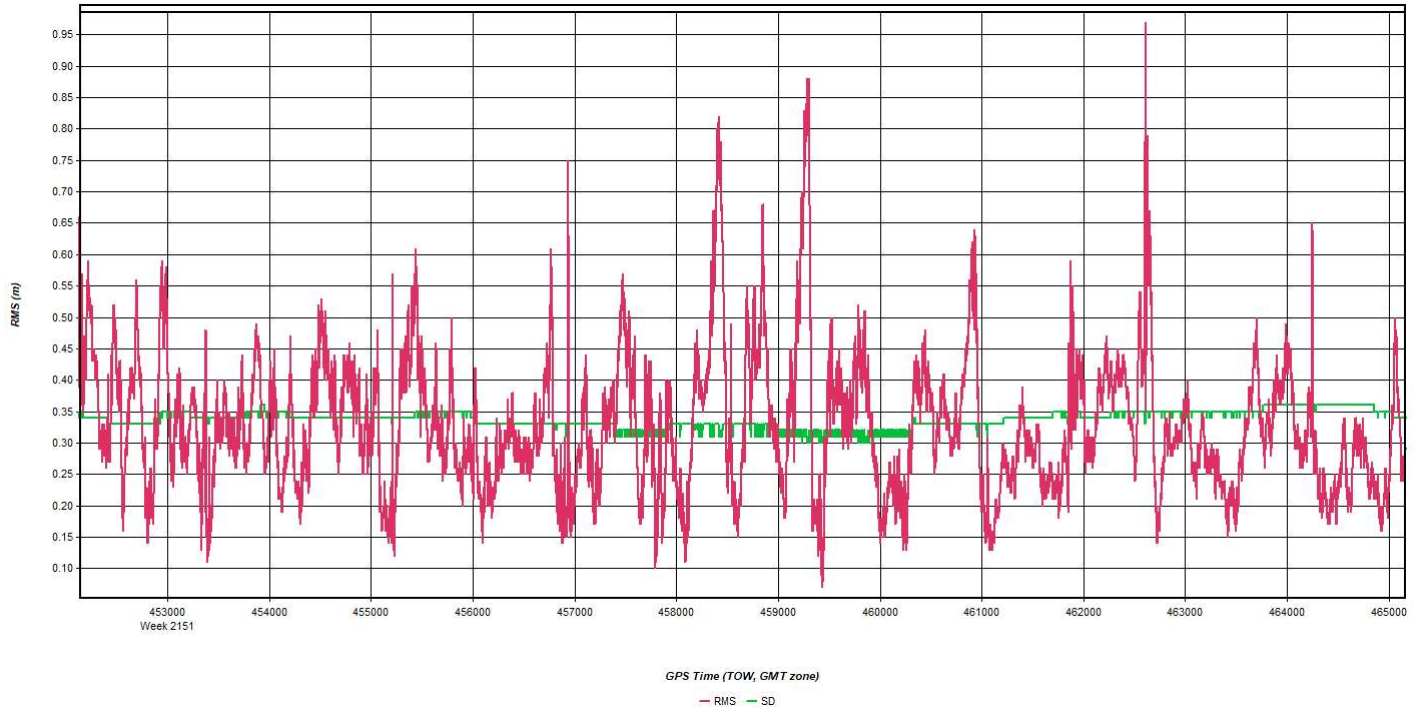


Figure 15: 20210402_053411_12 [Smoothed TC Combined] - Height Profile Plot



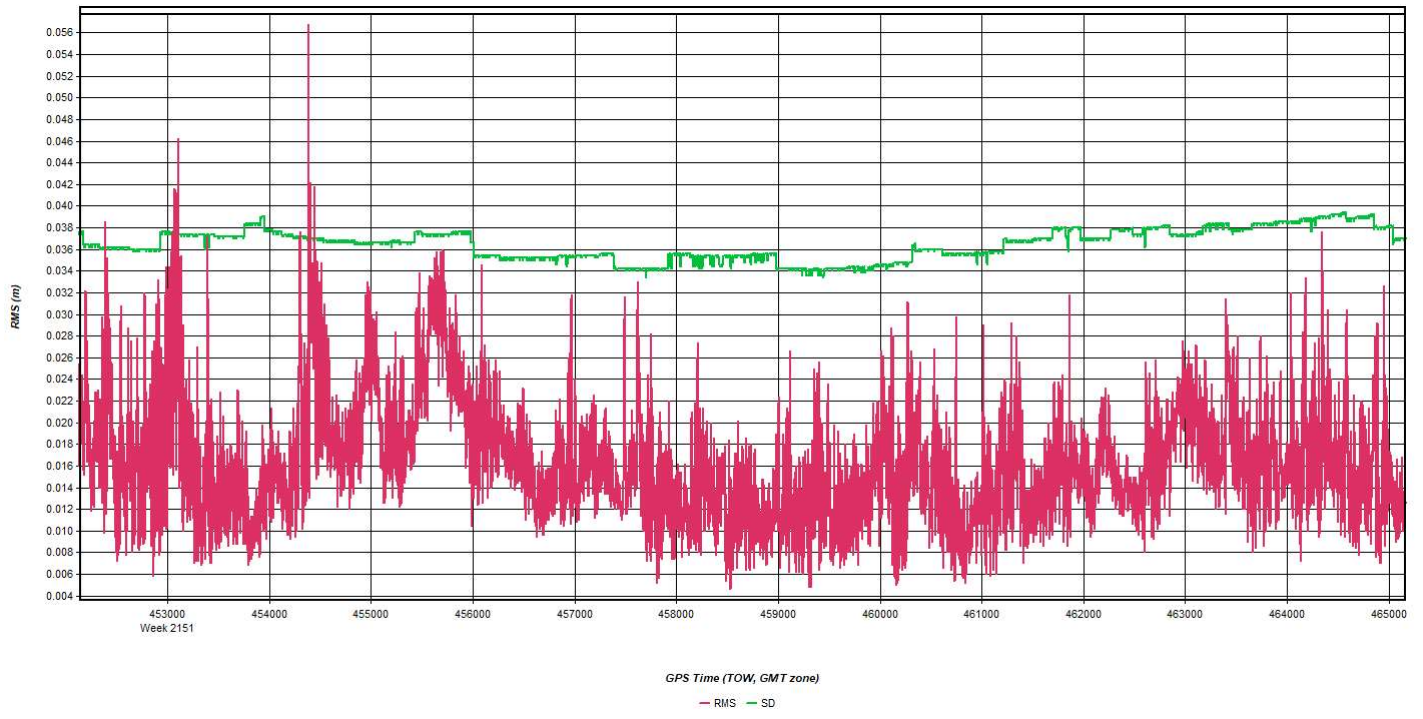
Process	20210402_053411_12	by Unknown	on 4/12/2021	at 10:50:35
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Figure 16: 20210402_053411_12 [Smoothed TC Combined] - C/A Code Residual RMS Plot



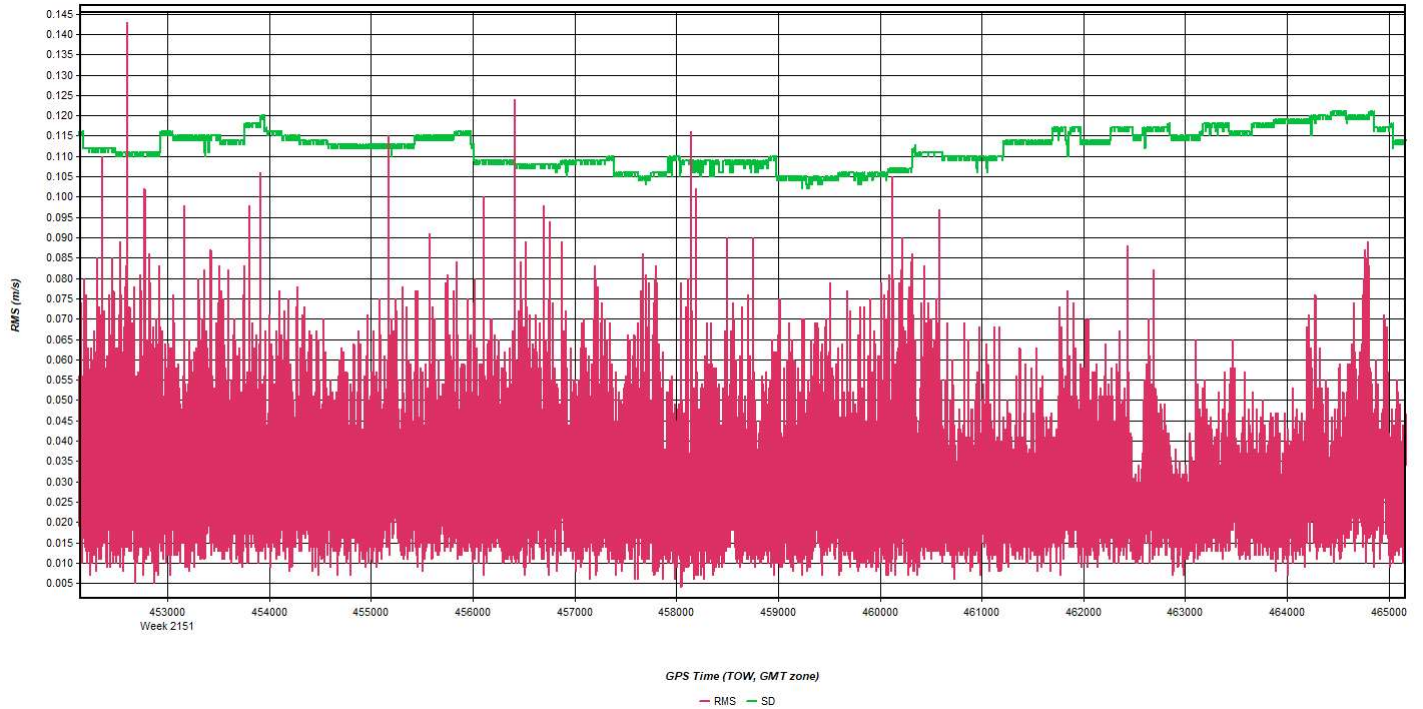
Process	20210402_053411_12	by Unknown	on 4/12/2021	at 10:50:35
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Figure 17: 20210402_053411_12 [Smoothed TC Combined] - Carrier Residual RMS Plot



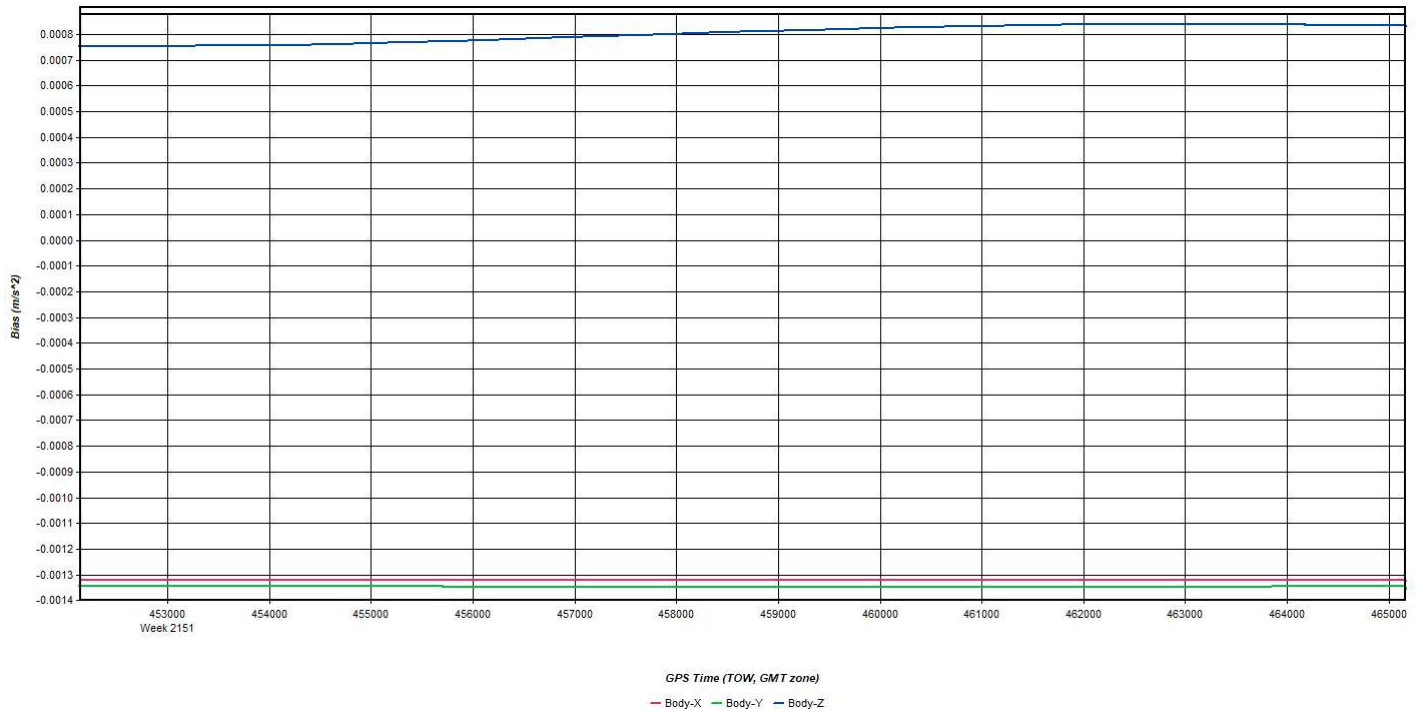
Process	20210402_053411_12	by Unknown	on 4/12/2021	at 10:50:35
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Figure 18: 20210402_053411_12 [Smoothed TC Combined] - L1 Doppler Residual RMS Plot



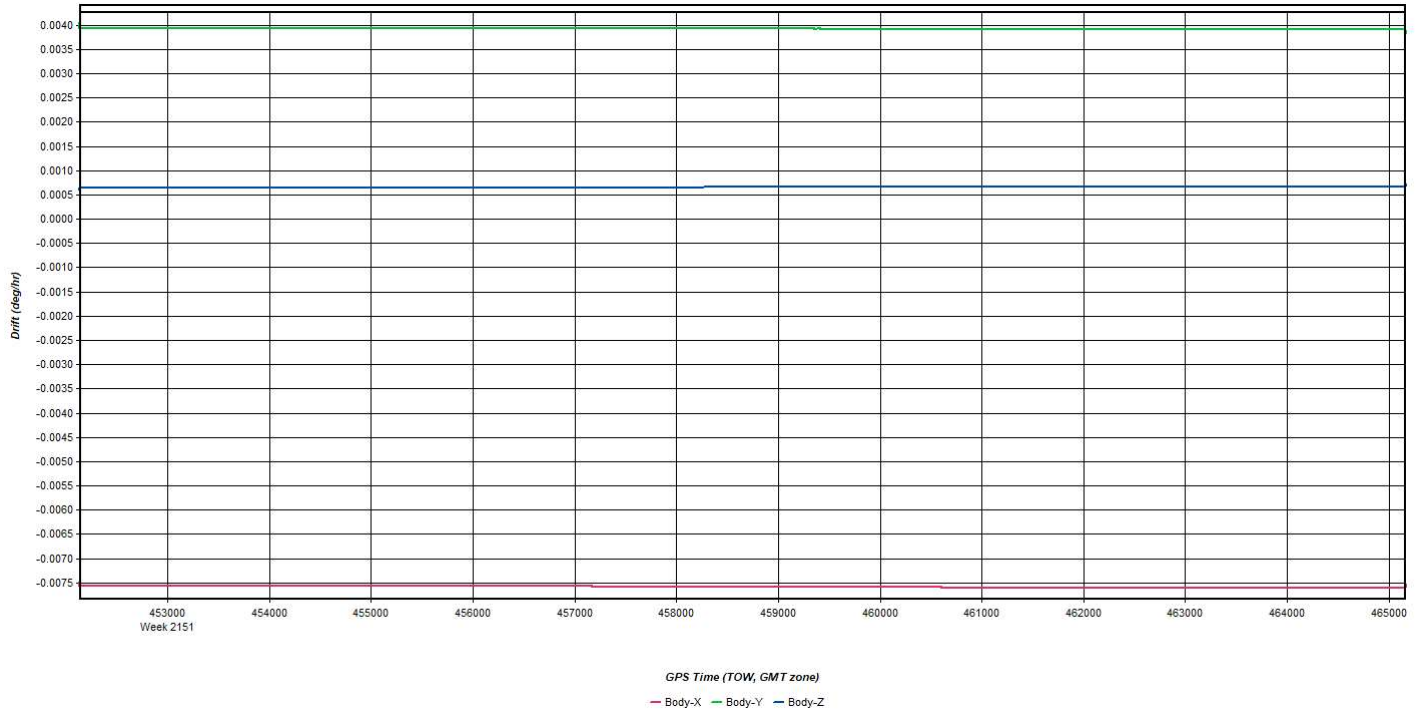
Process	20210402_053411_12	by Unknown	on 4/12/2021	at 10:50:35
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Figure 19: 20210402_053411_12 [Smoothed TC Combined] - Accelerometer Bias Plot



Process 20210402_053411_12 by Unknown on 4/12/2021 at 10:50:35

Figure 20: 20210402_053411_12 [Smoothed TC Combined] - Gyro Drift Plot

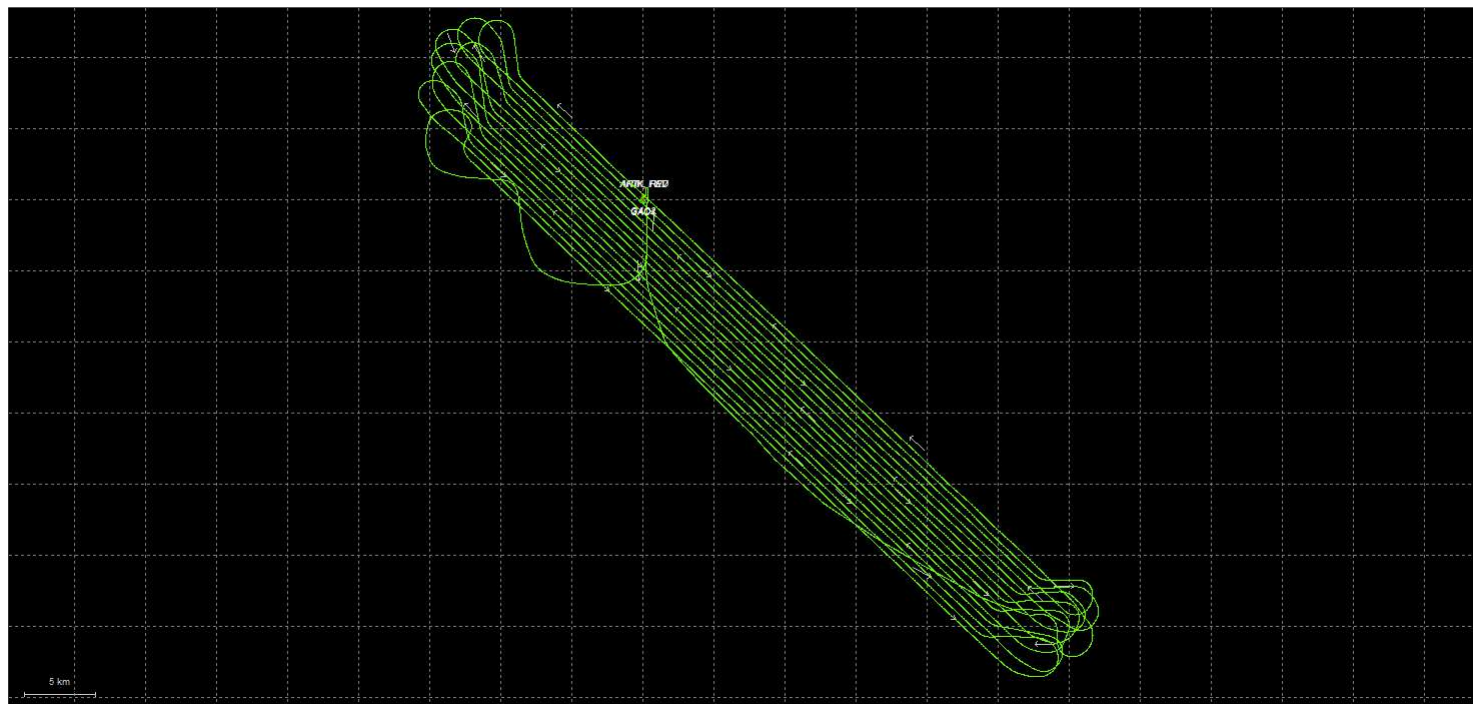


Process 20210402_053411_12 by Unknown on 4/12/2021 at 10:50:35

Output Results for 20210403_024415_13

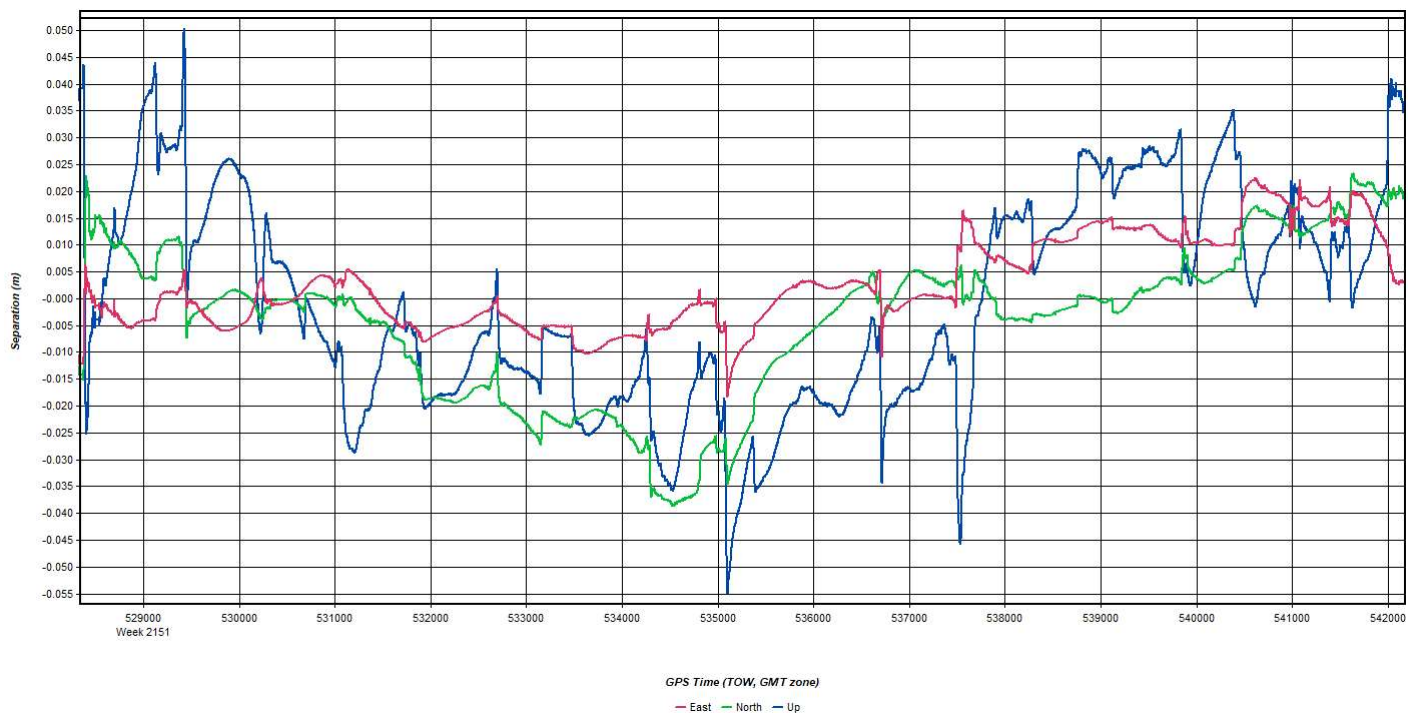
Inertial Explorer Version 8.90.2124
04/12/2021

Figure 1: Smoothed TC Combined - Map



Process	20210403_024415_13	by Unknown	on 4/12/2021	at 12:24:50
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Figure 2: 20210403_024415_13 [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot



Process	20210403_024415_13	by Unknown	on 4/12/2021	at 12:24:50
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Figure 3: 20210403_024415_13 [Smoothed TC Combined] - Float or Fixed Ambiguity

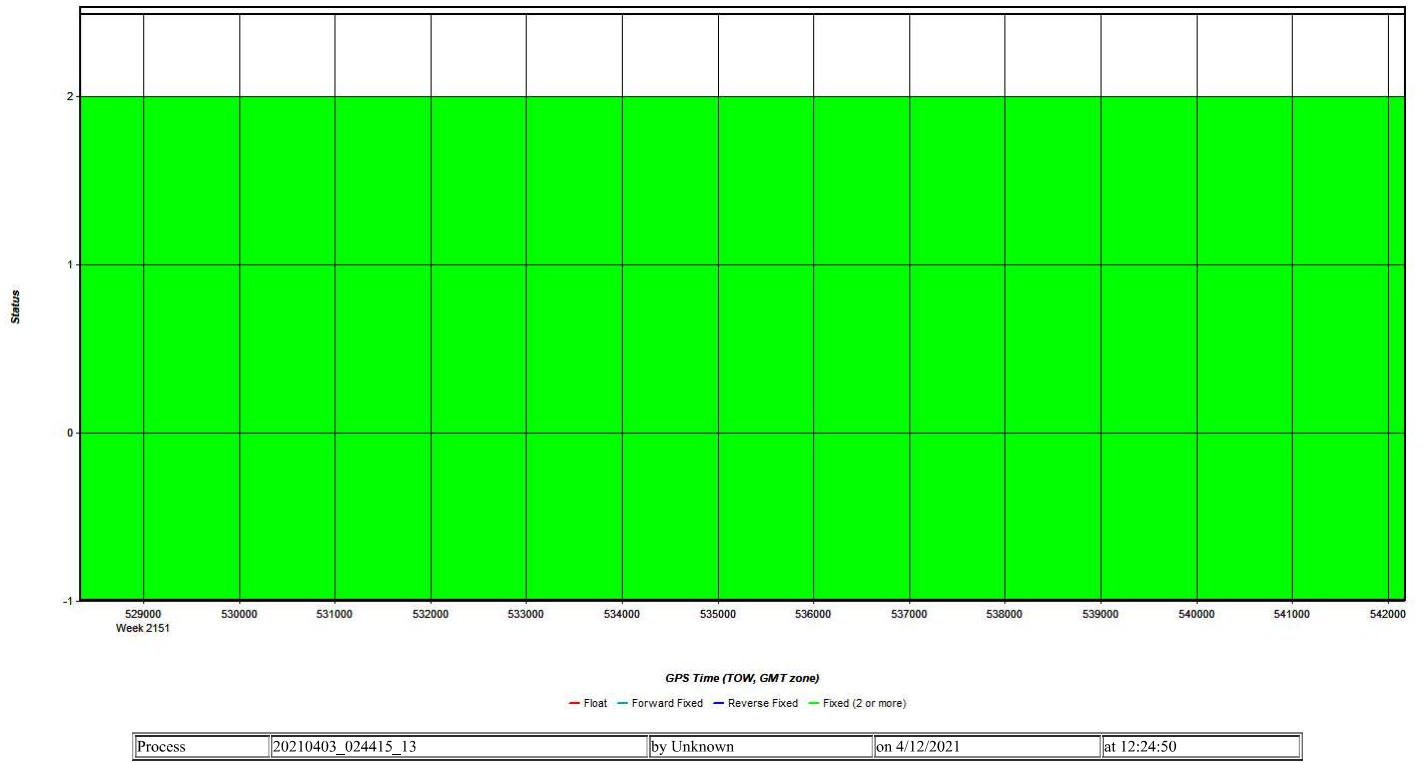


Figure 4: 20210403_024415_13 [Smoothed TC Combined] - Forward/Reverse Separation Plot (Fixed)

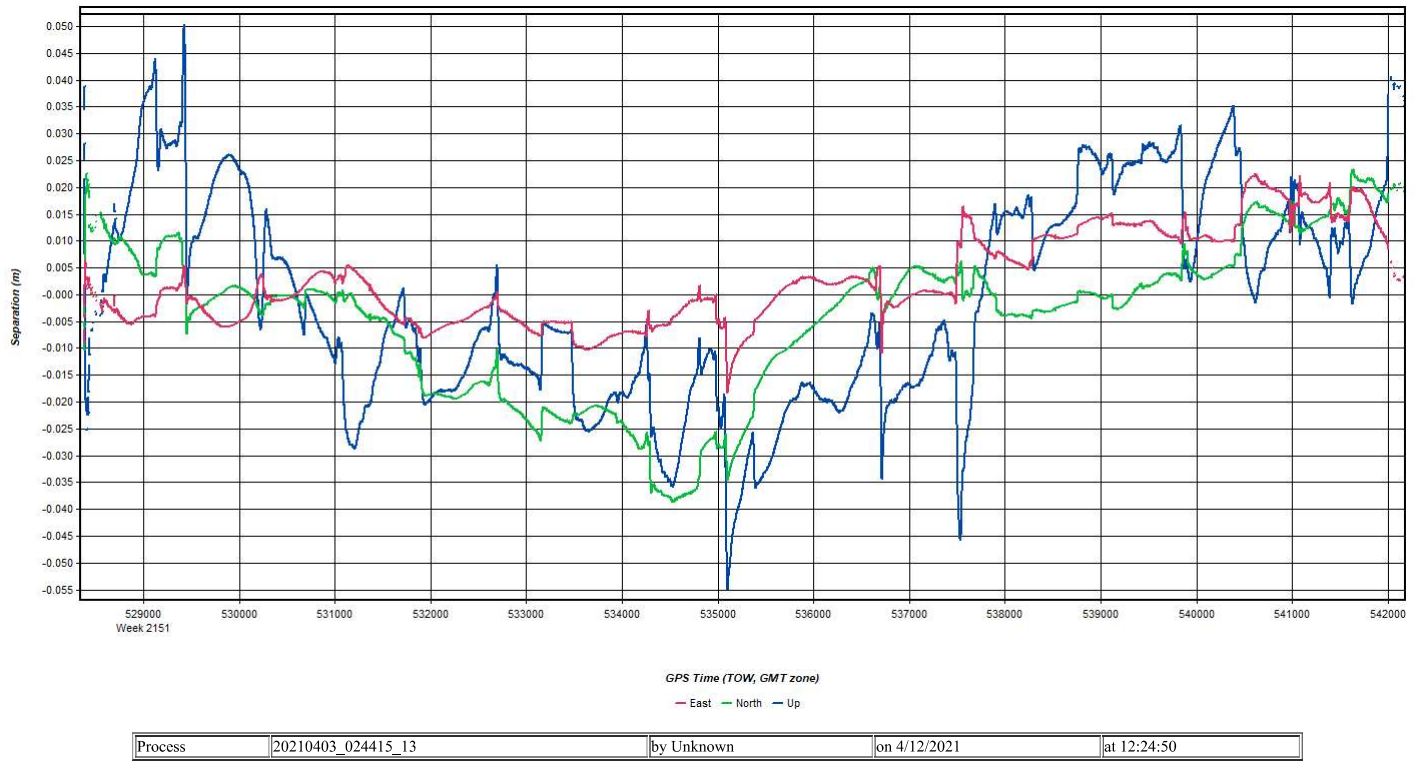


Figure 5: 20210403_024415_13 [Smoothed TC Combined] - Estimated Position Accuracy Plot

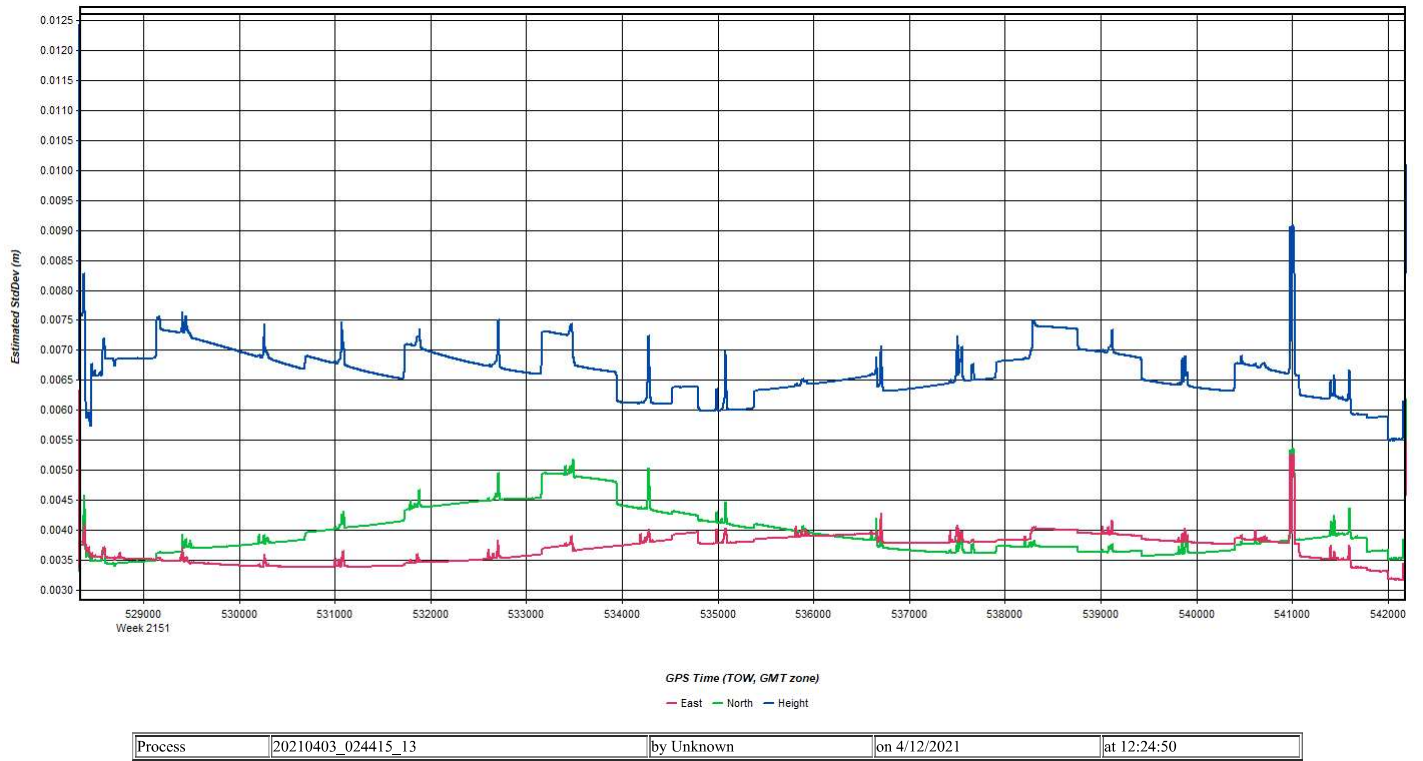


Figure 6: 20210403_024415_13 [Smoothed TC Combined] - PDOP Plot

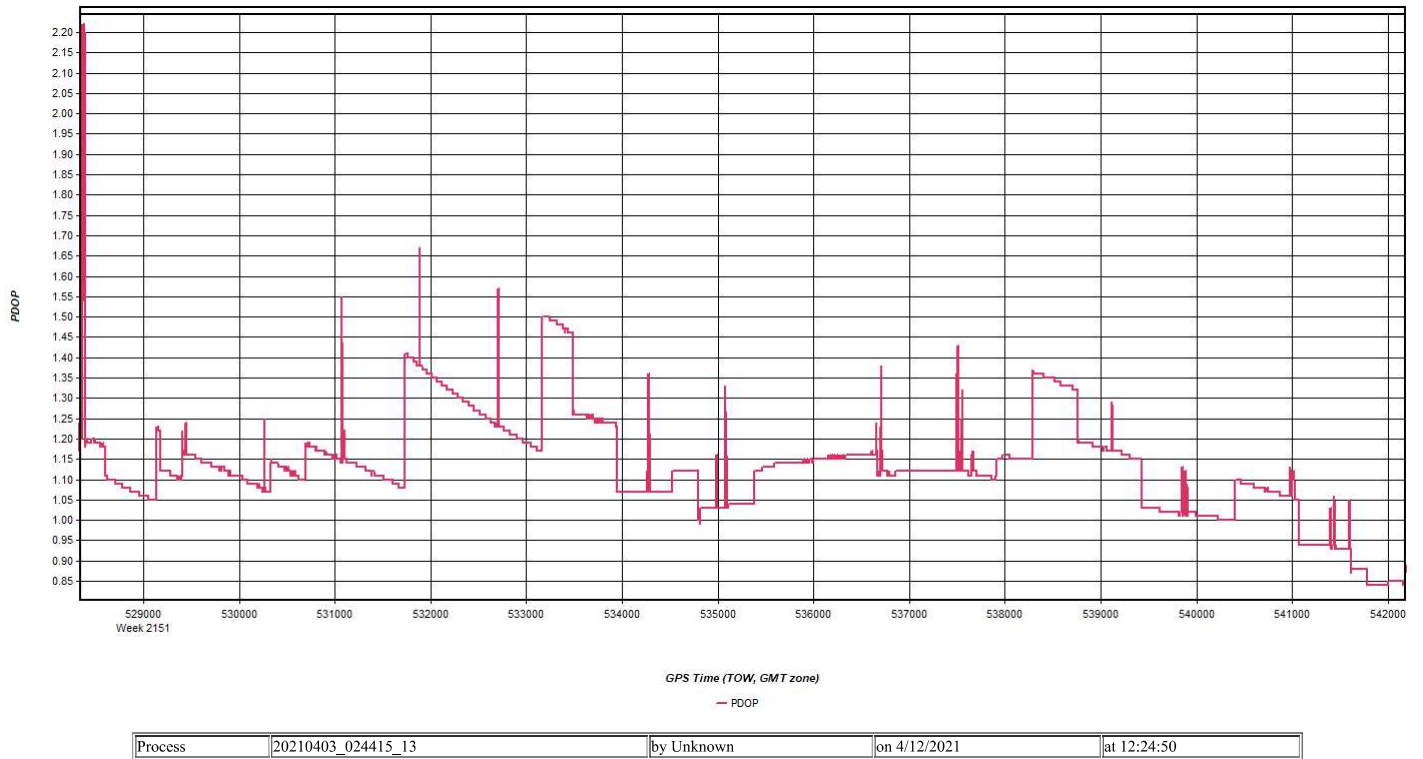


Figure 7: 20210403_024415_13 [Smoothed TC Combined] - Number of Satellites Line Plot

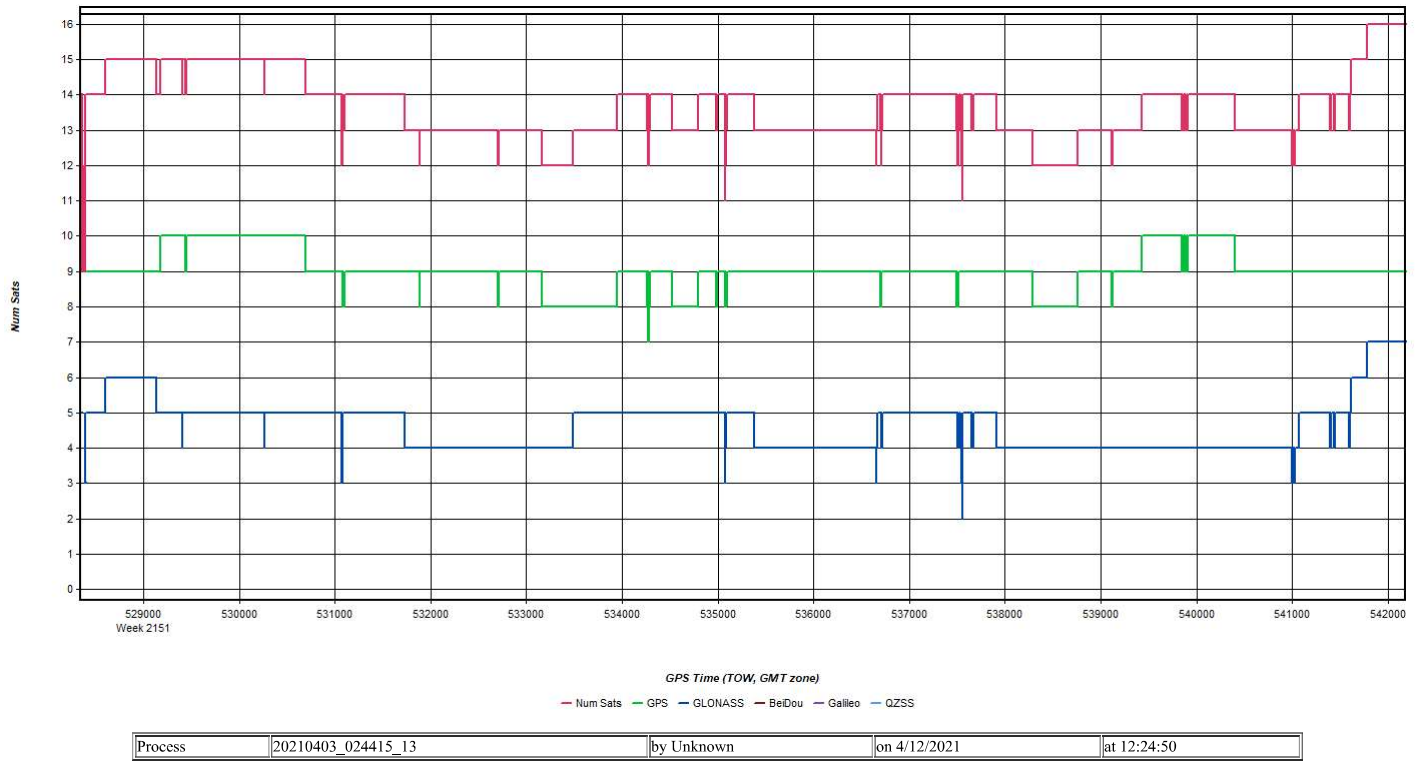


Figure 8: 20210403_024415_13 [Smoothed TC Combined] - Status flag for IMU processing

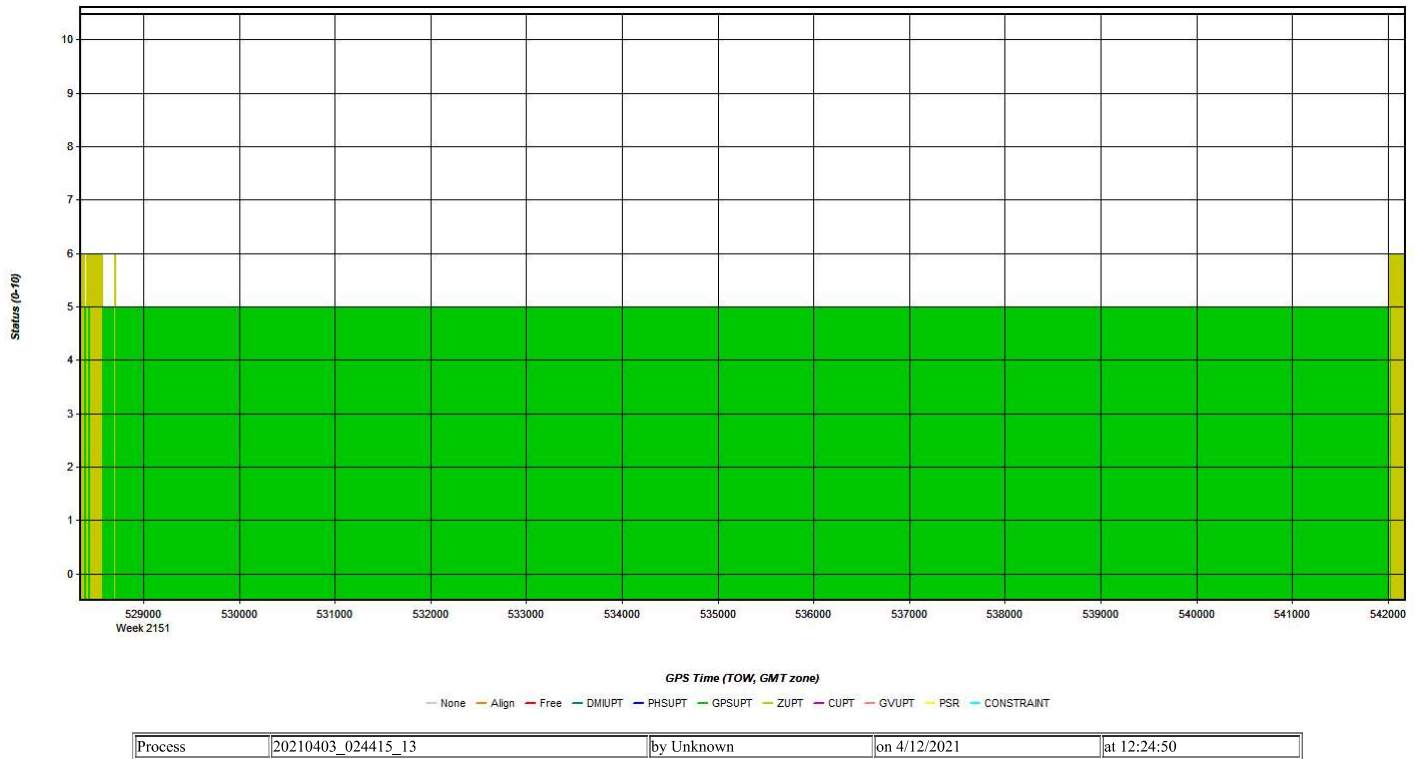


Figure 9: 20210403_024415_13 [Smoothed TC Combined] - Fwd/Rev Attitude Separation Plot

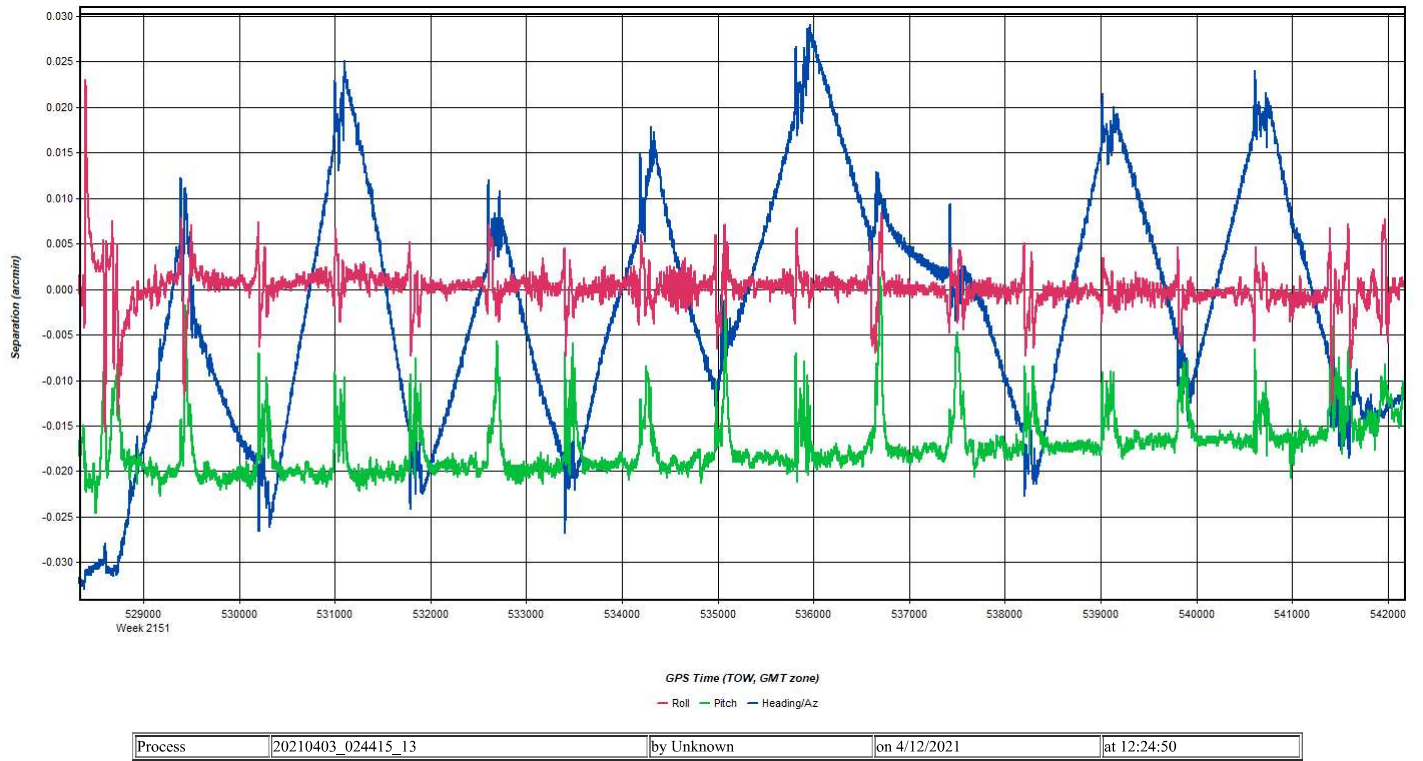


Figure 10: 20210403_024415_13 [Smoothed TC Combined] - Estimated Attitude Accuracy Plot

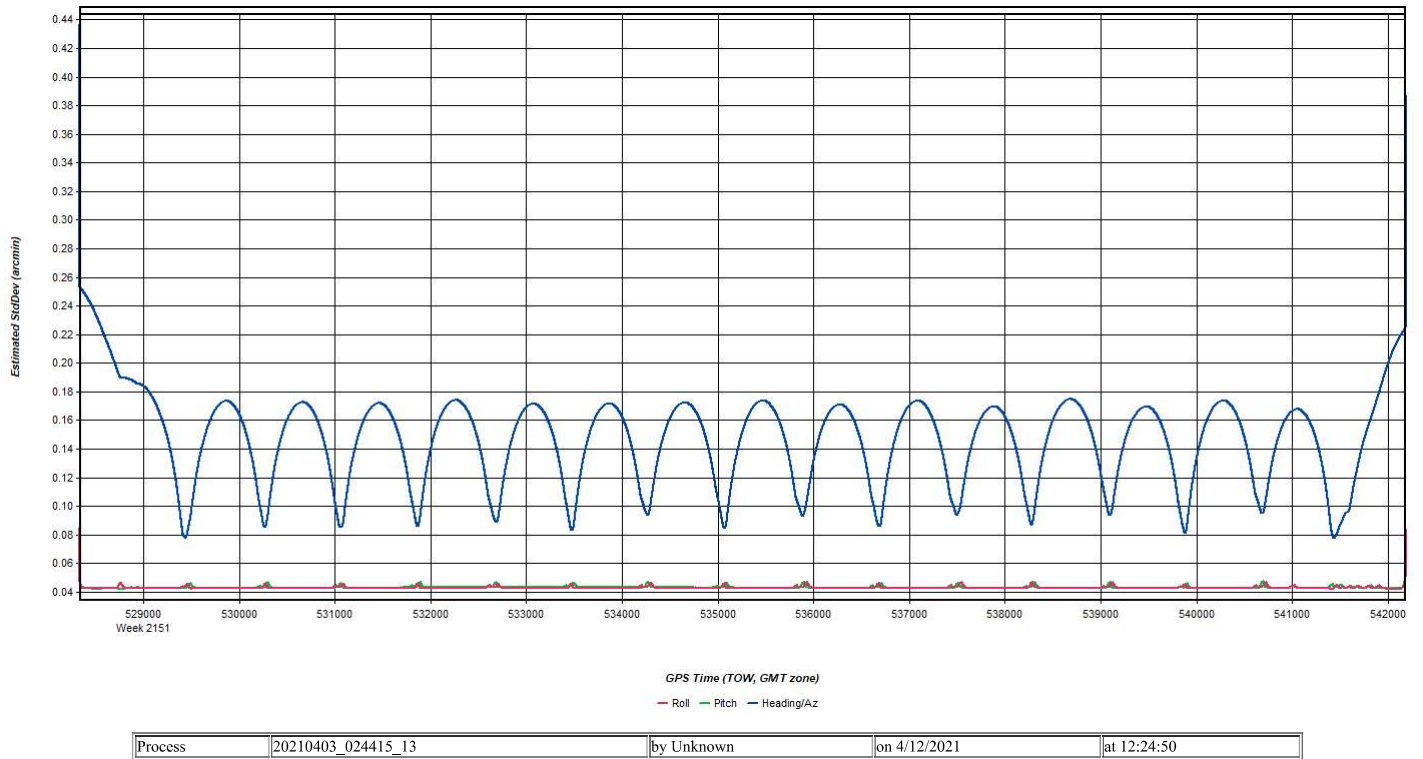
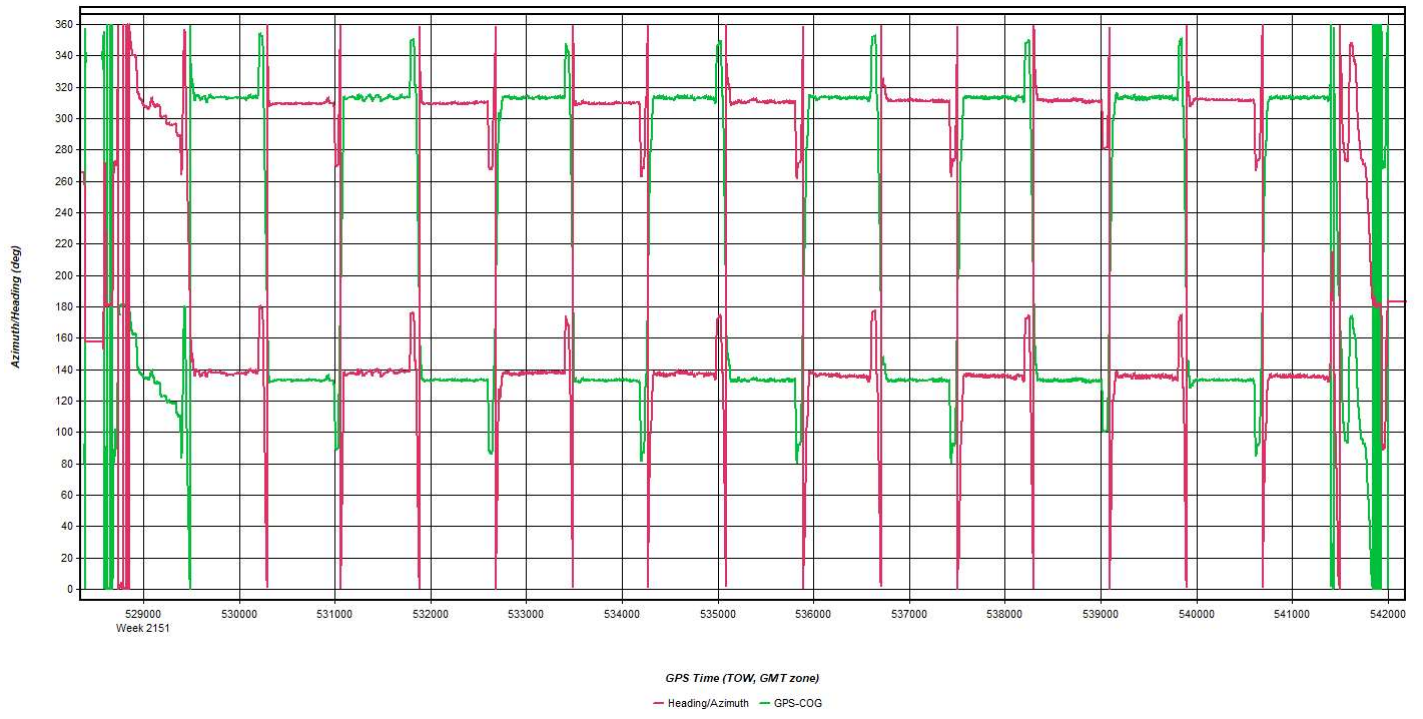
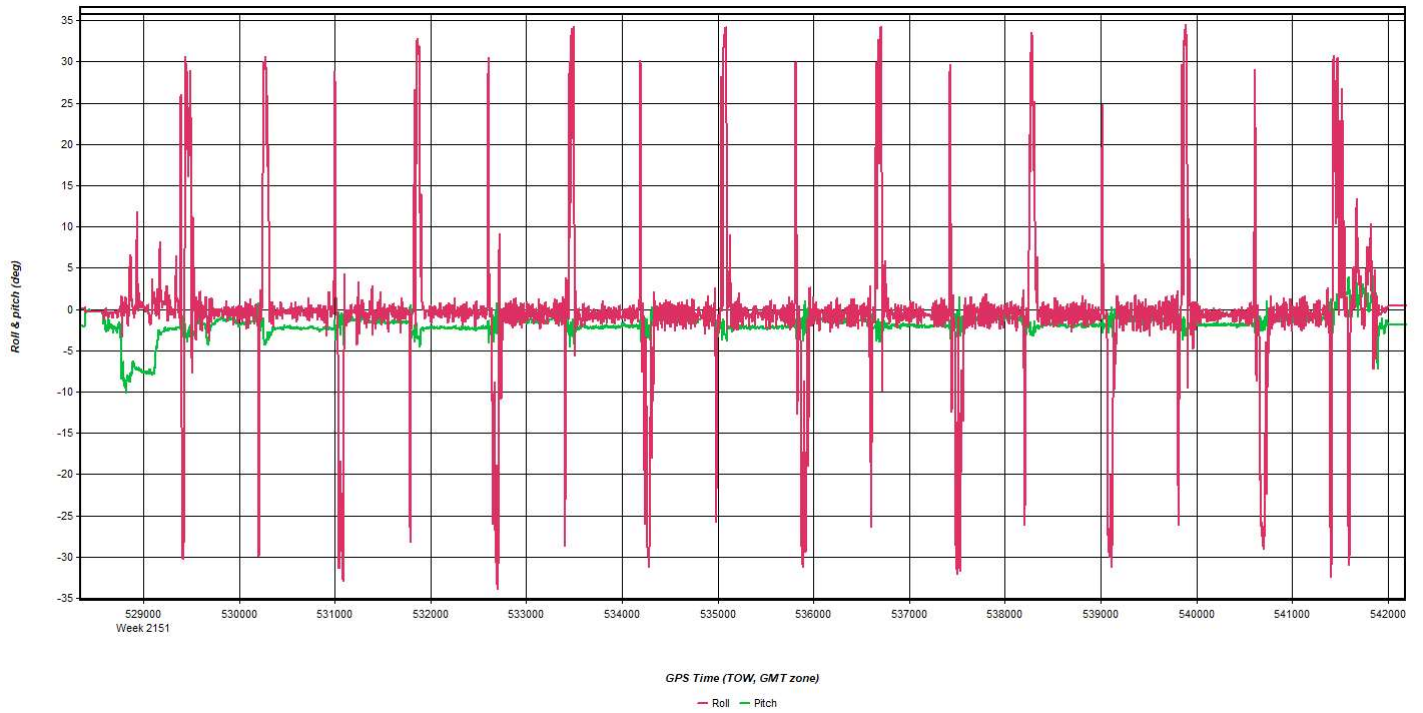


Figure 11: 20210403_024415_13 [Smoothed TC Combined] - Azimuth Plot



Process	20210403_024415_13	by Unknown	on 4/12/2021	at 12:24:50
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Figure 12: 20210403_024415_13 [Smoothed TC Combined] - Roll & Pitch Plot



Process	20210403_024415_13	by Unknown	on 4/12/2021	at 12:24:50
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Figure 13: 20210403_024415_13 [Smoothed TC Combined] - Velocity Profile Plot

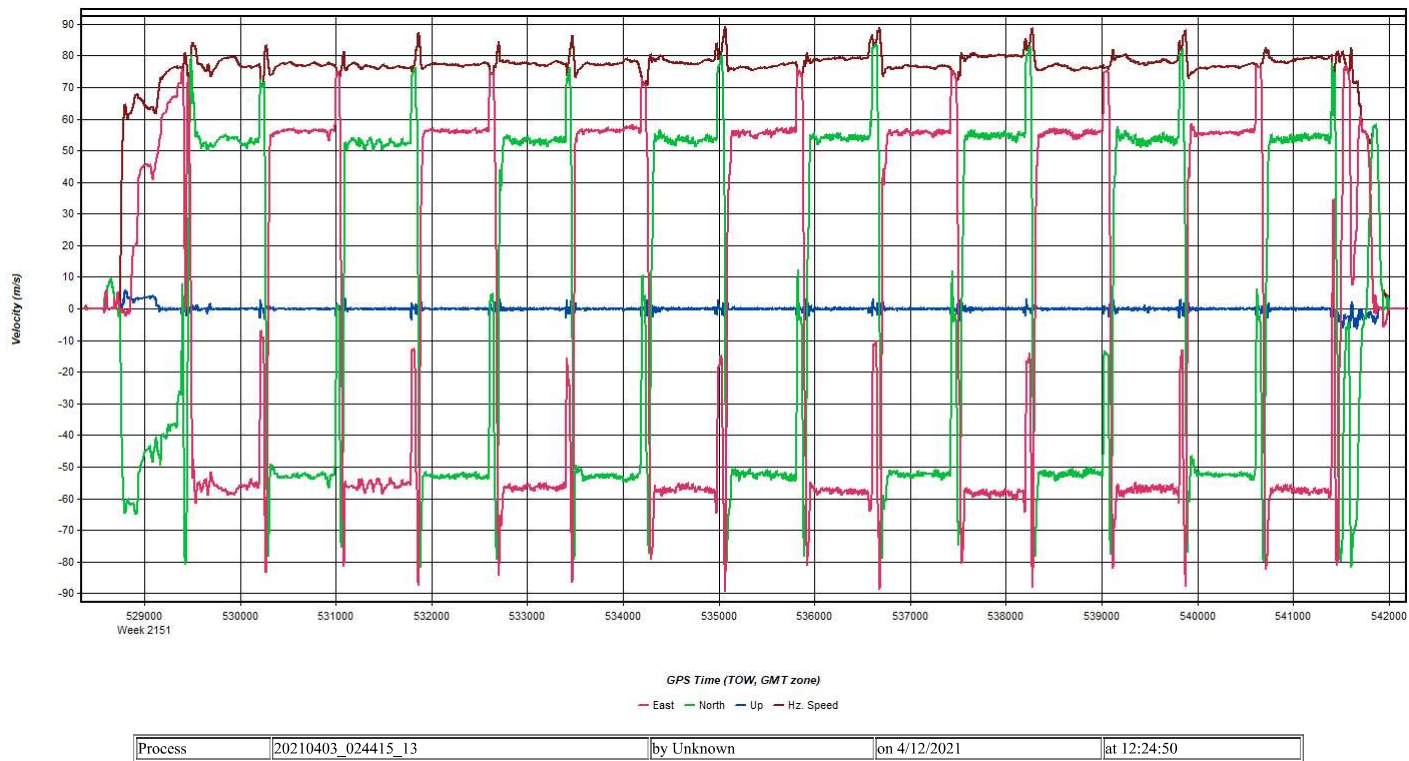
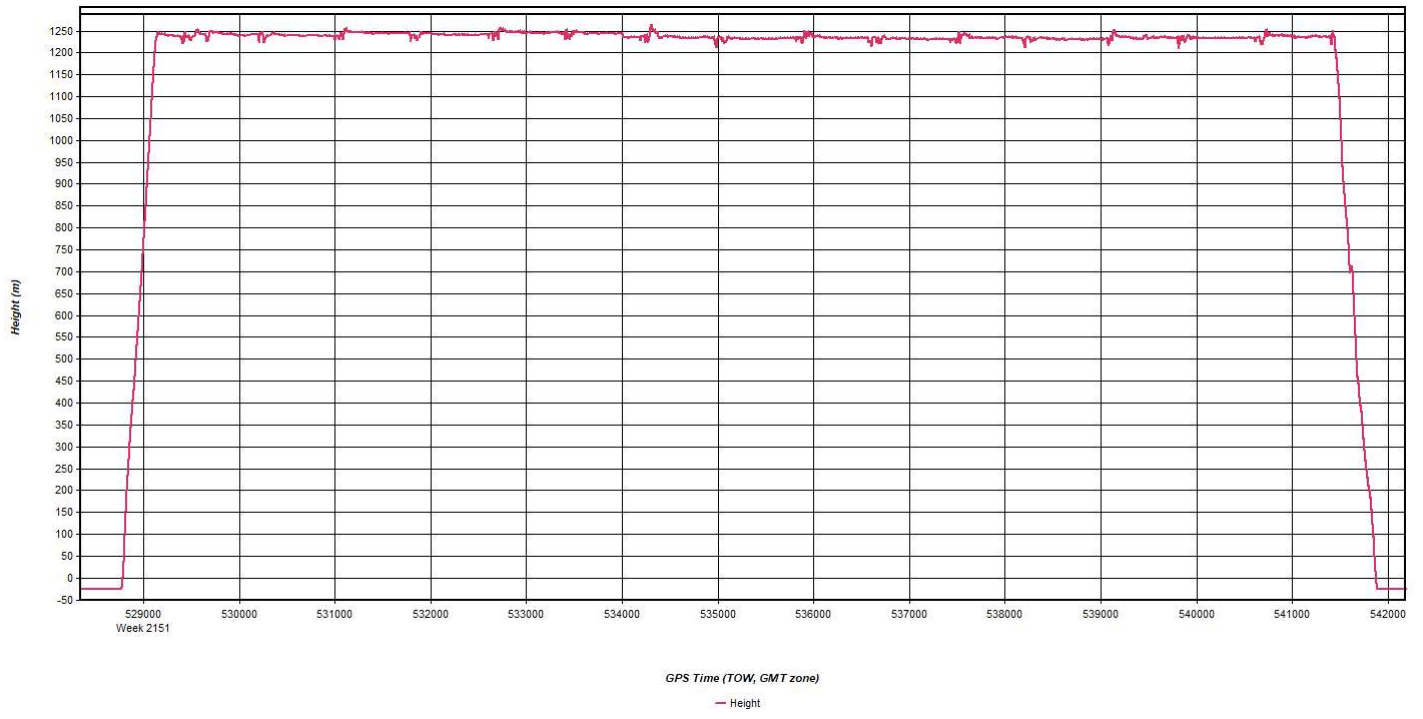


Figure 14: 20210403_024415_13 [Smoothed TC Combined] - Body Frame Velocity Plot

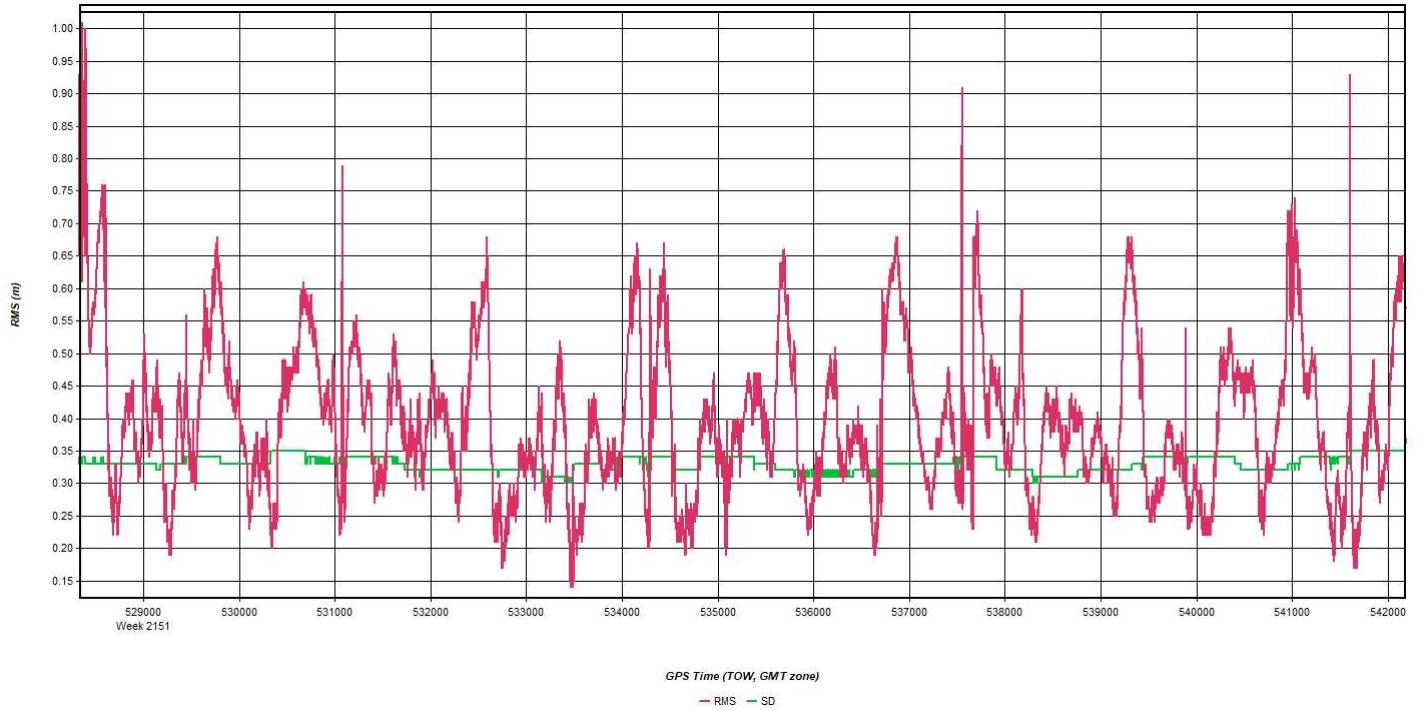


Figure 15: 20210403_024415_13 [Smoothed TC Combined] - Height Profile Plot



Process	20210403_024415_13	by Unknown	on 4/12/2021	at 12:24:50
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Figure 16: 20210403_024415_13 [Smoothed TC Combined] - C/A Code Residual RMS Plot



Process	20210403_024415_13	by Unknown	on 4/12/2021	at 12:24:50
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Figure 17: 20210403_024415_13 [Smoothed TC Combined] - Carrier Residual RMS Plot

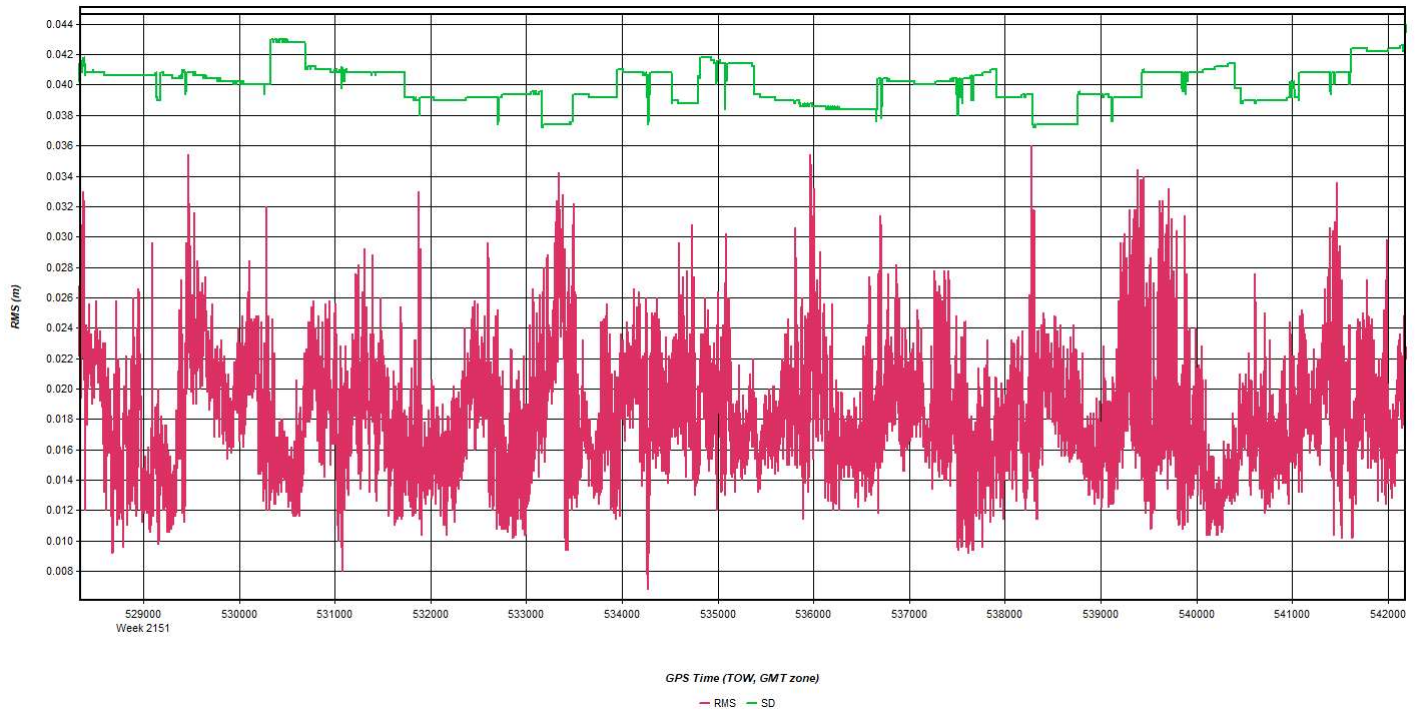


Figure 18: 20210403_024415_13 [Smoothed TC Combined] - L1 Doppler Residual RMS Plot

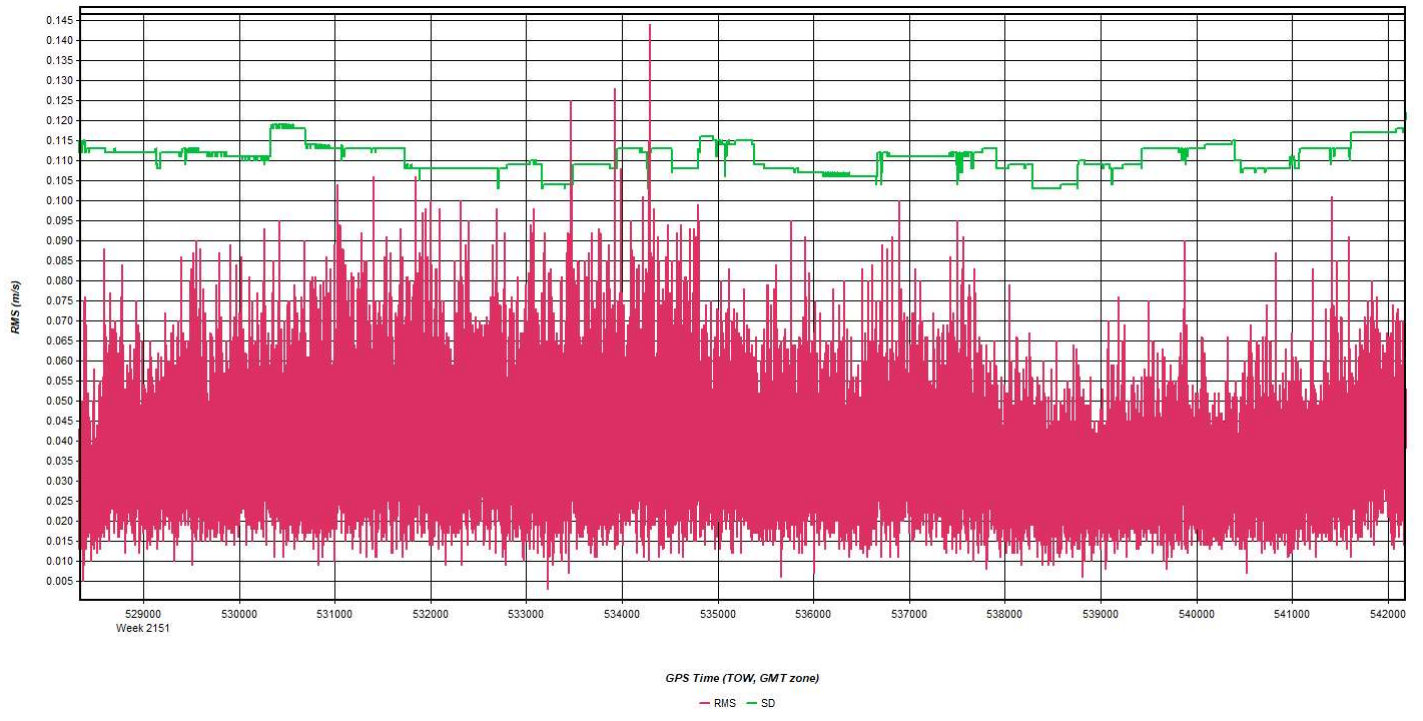


Figure 19: 20210403_024415_13 [Smoothed TC Combined] - Accelerometer Bias Plot

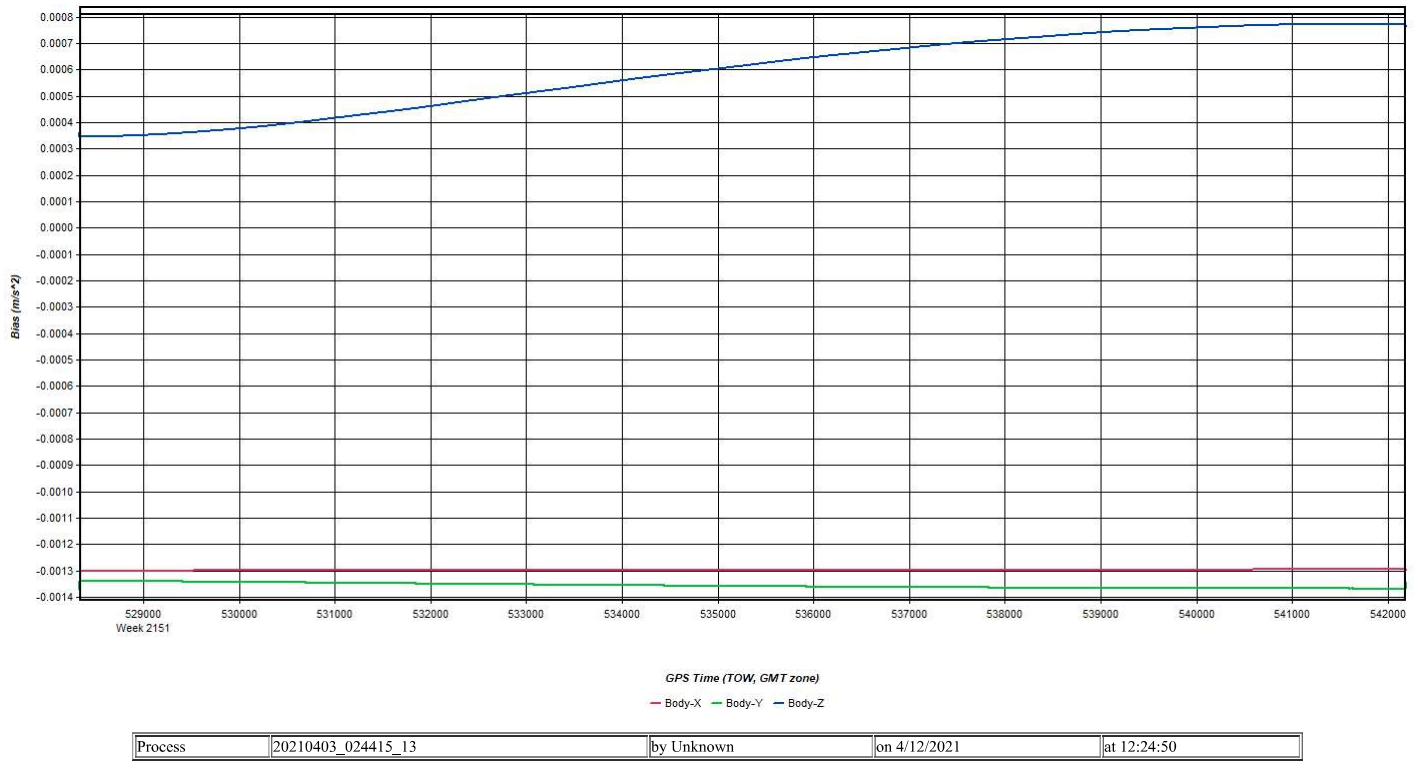
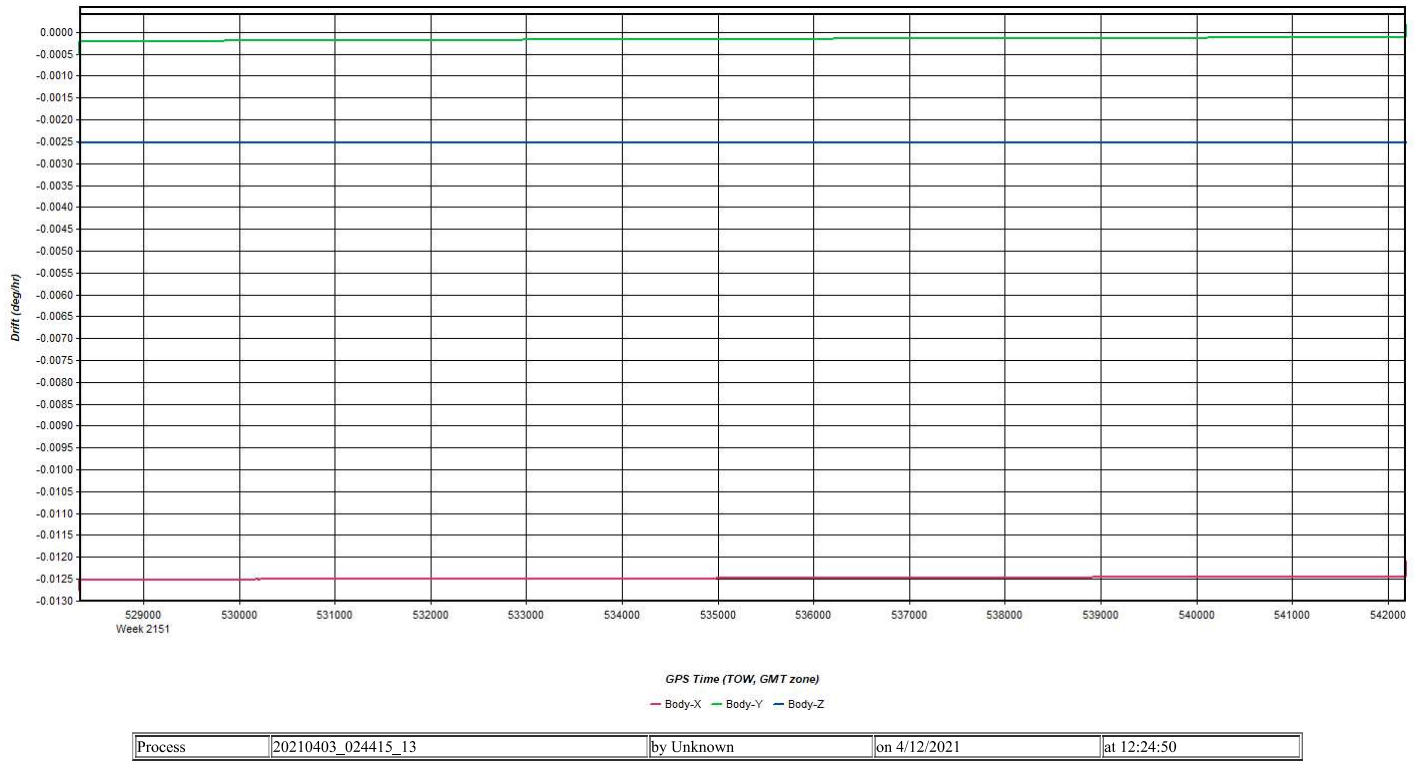


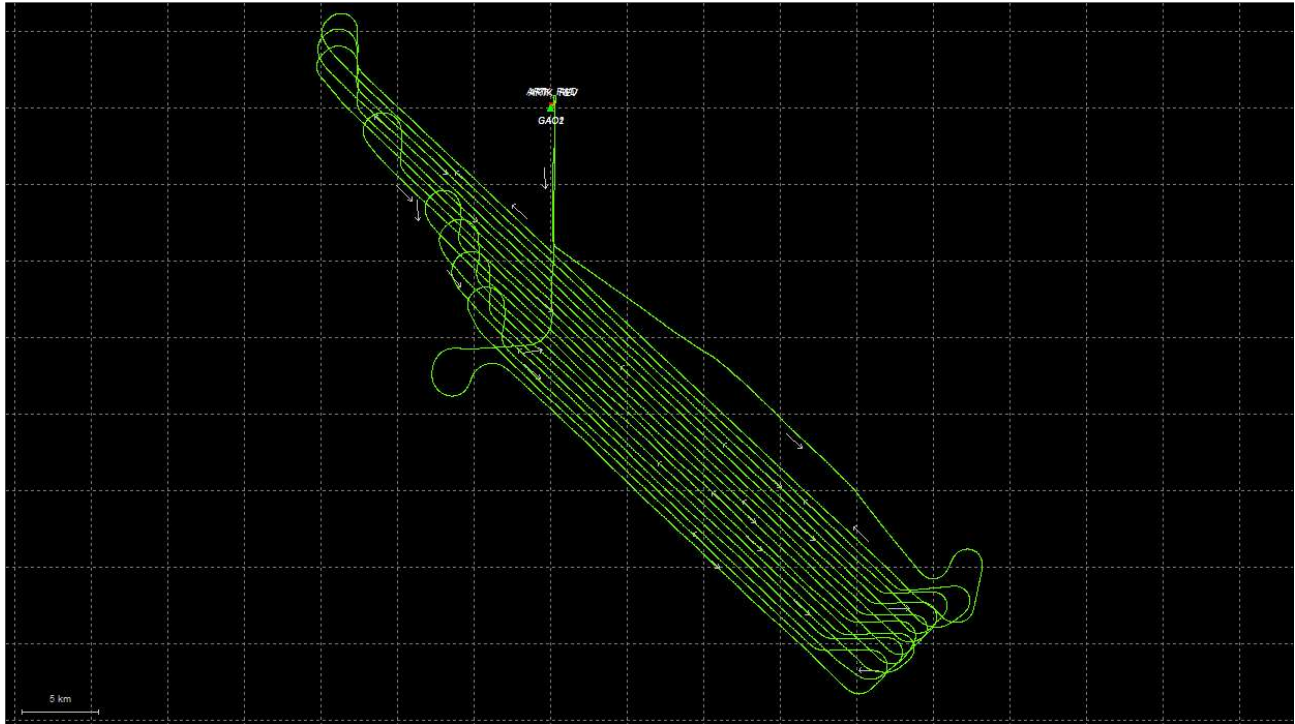
Figure 20: 20210403_024415_13 [Smoothed TC Combined] - Gyro Drift Plot



Output Results for 20210403_070043_14

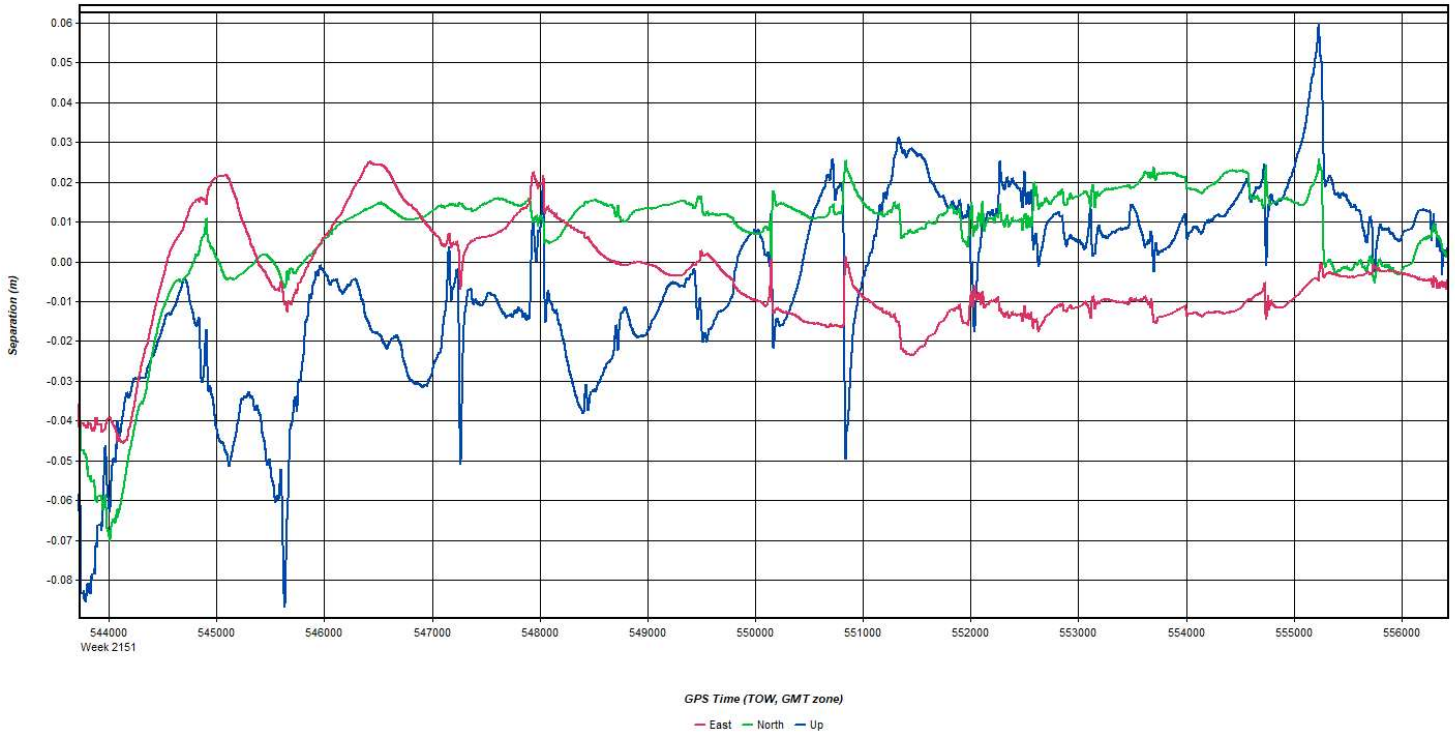
Inertial Explorer Version 8.90.2124
04/14/2021

Figure 1: Smoothed TC Combined - Map



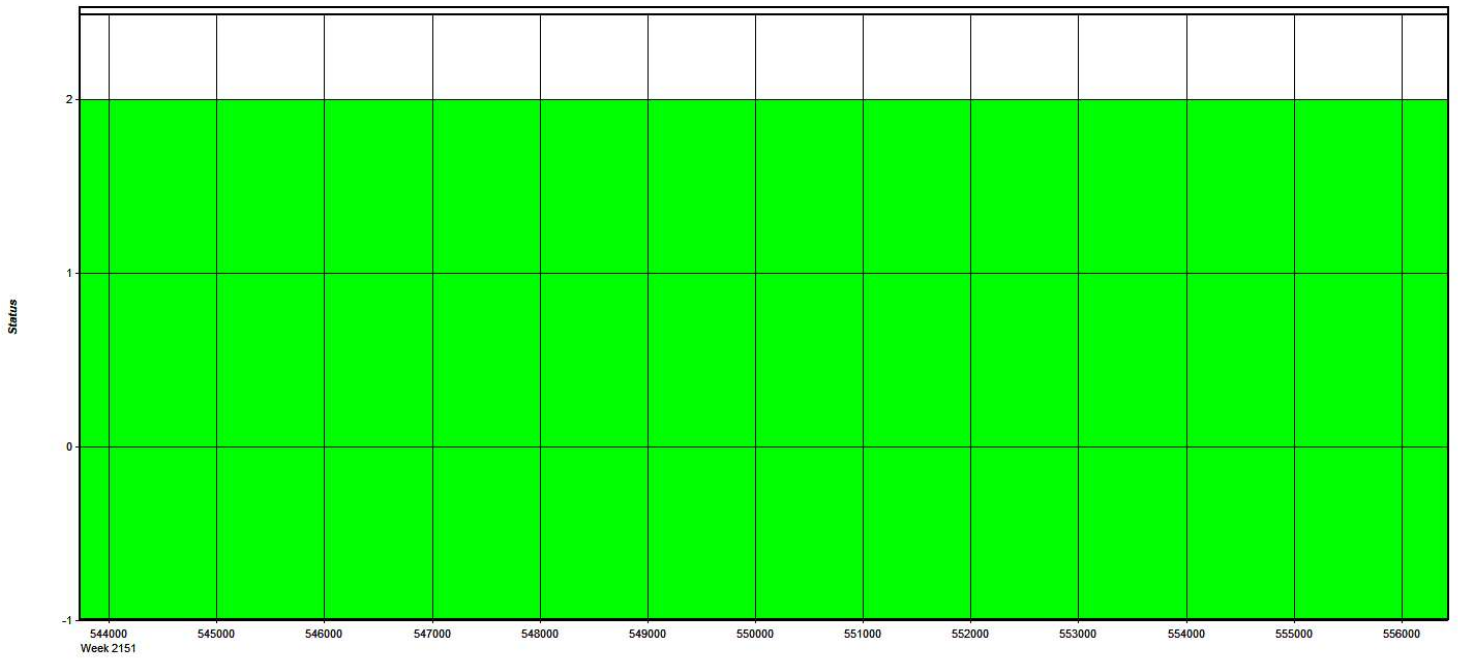
Process	20210403_070043_14	by Unknown	on 4/14/2021	at 14:40:46
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Figure 2: 20210403_070043_14 [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot



Process	20210403_070043_14	by Unknown	on 4/14/2021	at 14:40:46
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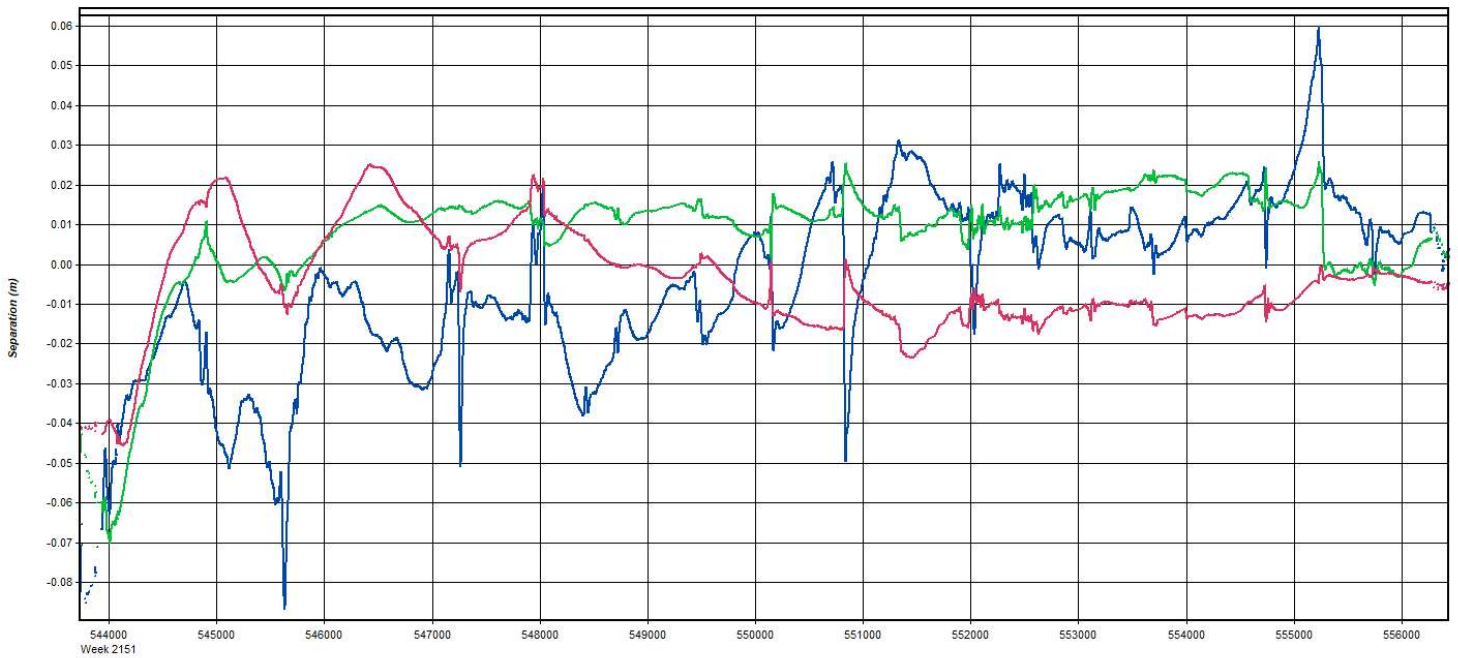
Figure 3: 20210403_070043_14 [Smoothed TC Combined] - Float or Fixed Ambiguity



GPS Time (TOW, GMT zone)
 - Float - Forward Fixed - Reverse Fixed - Fixed (2 or more)

Process	20210403_070043_14	by Unknown	on 4/14/2021	at 14:40:46
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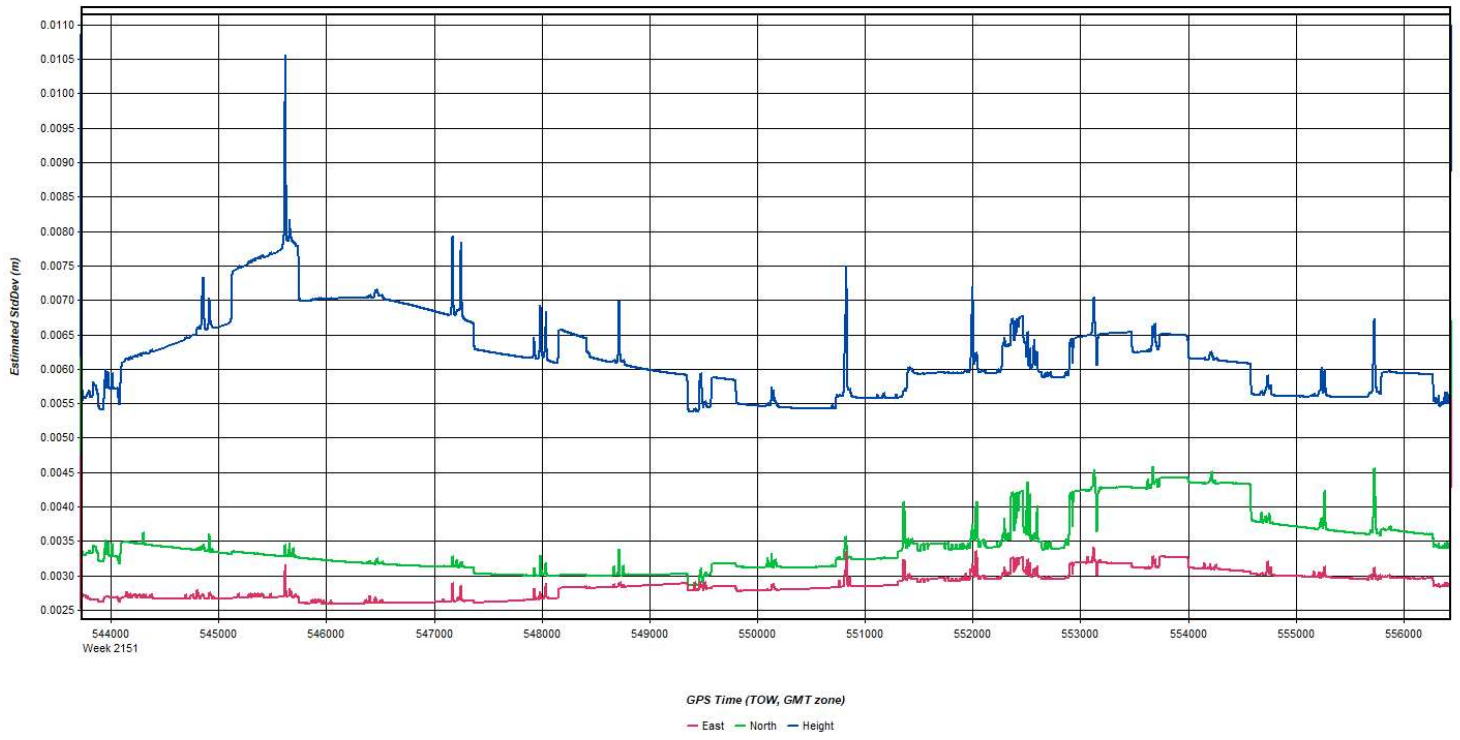
Figure 4: 20210403_070043_14 [Smoothed TC Combined] - Forward/Reverse Separation Plot (Fixed)



GPS Time (TOW, GMT zone)
 - East - North - Up

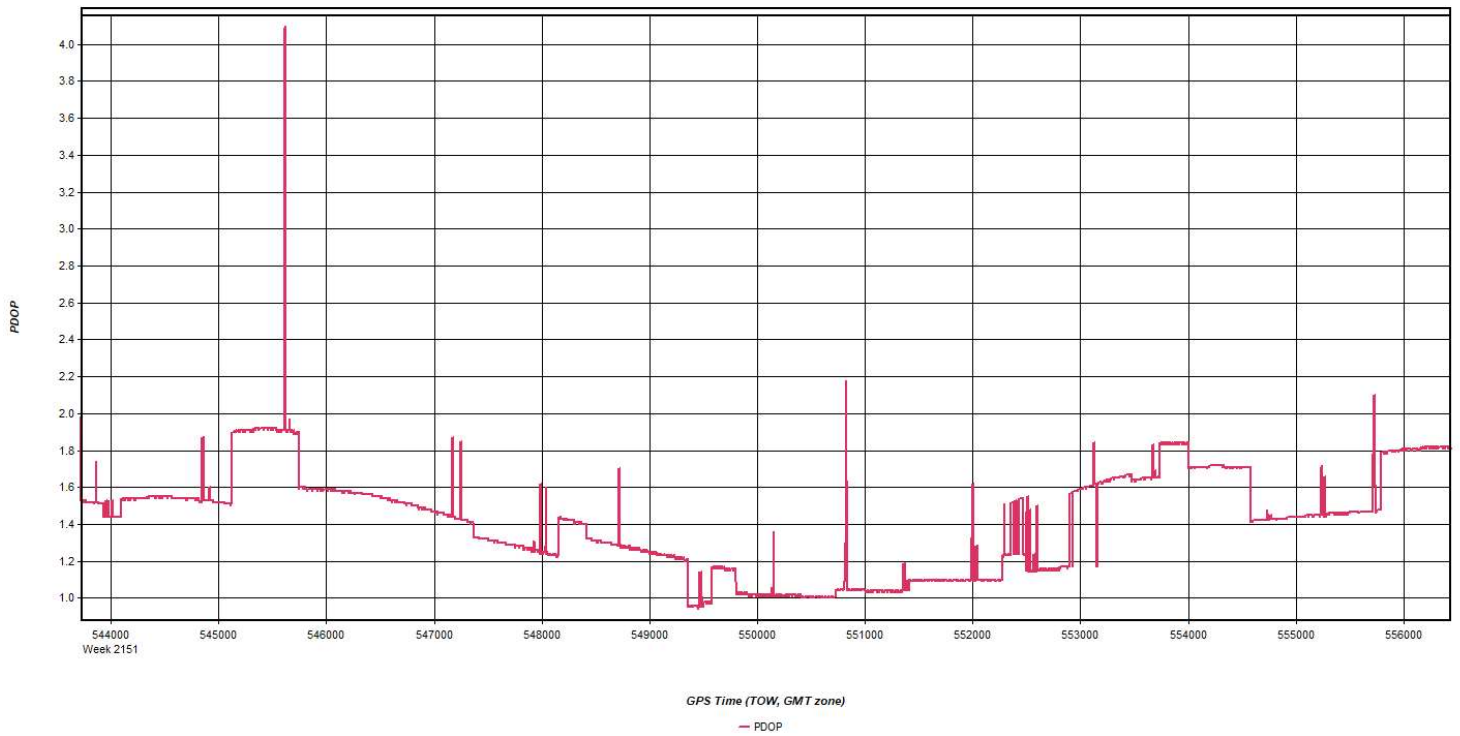
Process	20210403_070043_14	by Unknown	on 4/14/2021	at 14:40:46
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Figure 5: 20210403_070043_14 [Smoothed TC Combined] - Estimated Position Accuracy Plot



Process	20210403_070043_14	by Unknown	on 4/14/2021	at 14:40:46
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Figure 6: 20210403_070043_14 [Smoothed TC Combined] - PDOP Plot



Process	20210403_070043_14	by Unknown	on 4/14/2021	at 14:40:46
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Figure 7: 20210403_070043_14 [Smoothed TC Combined] - Number of Satellites Line Plot

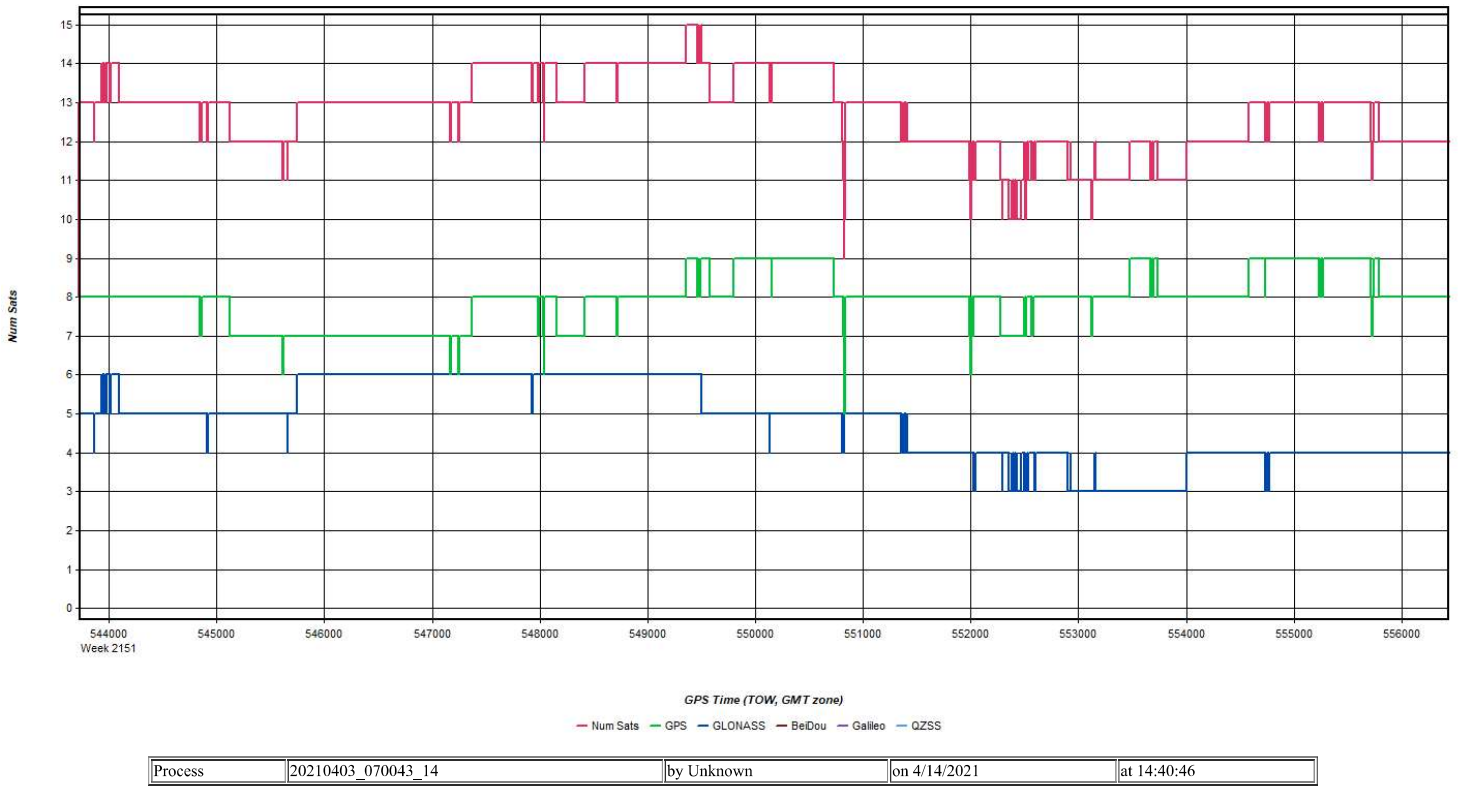


Figure 8: 20210403_070043_14 [Smoothed TC Combined] - Status flag for IMU processing

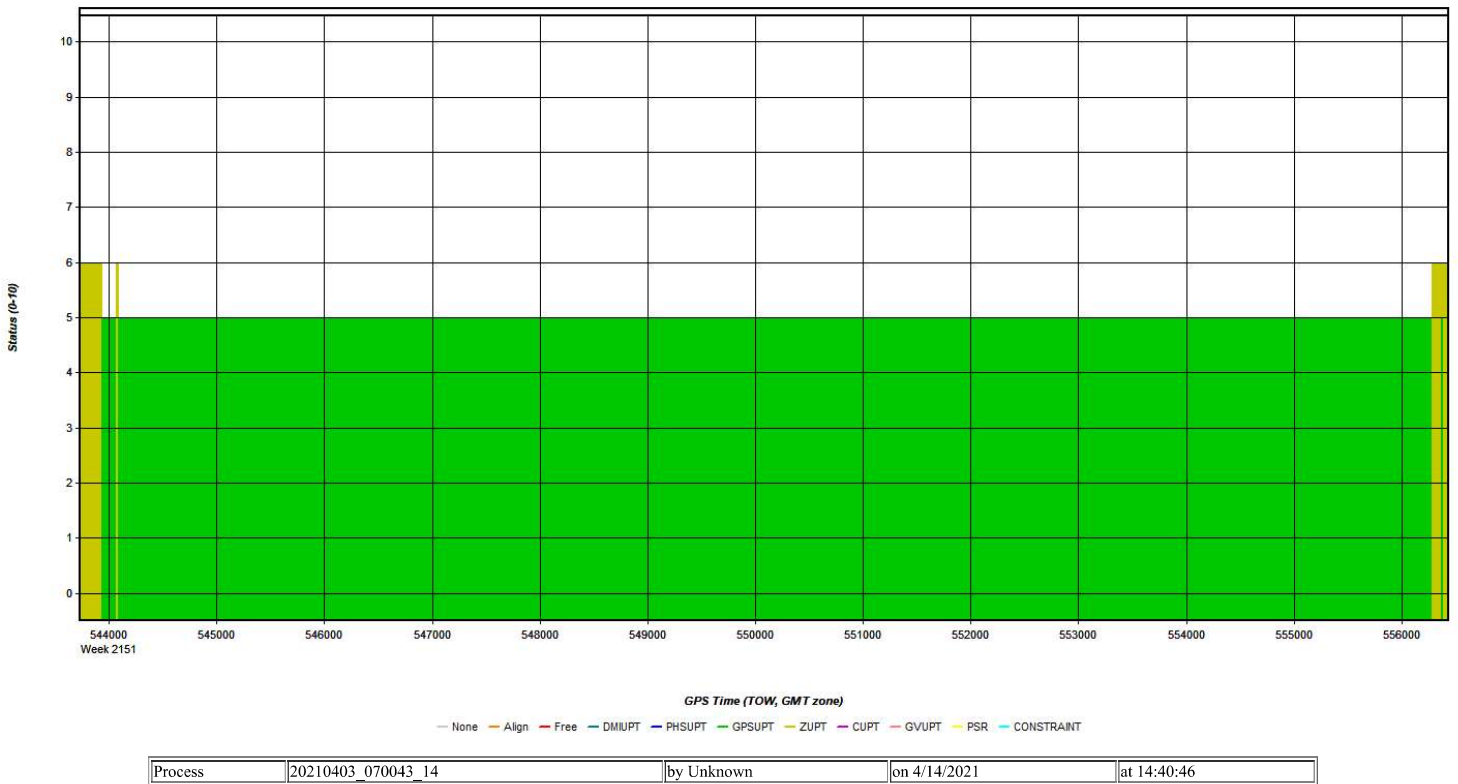
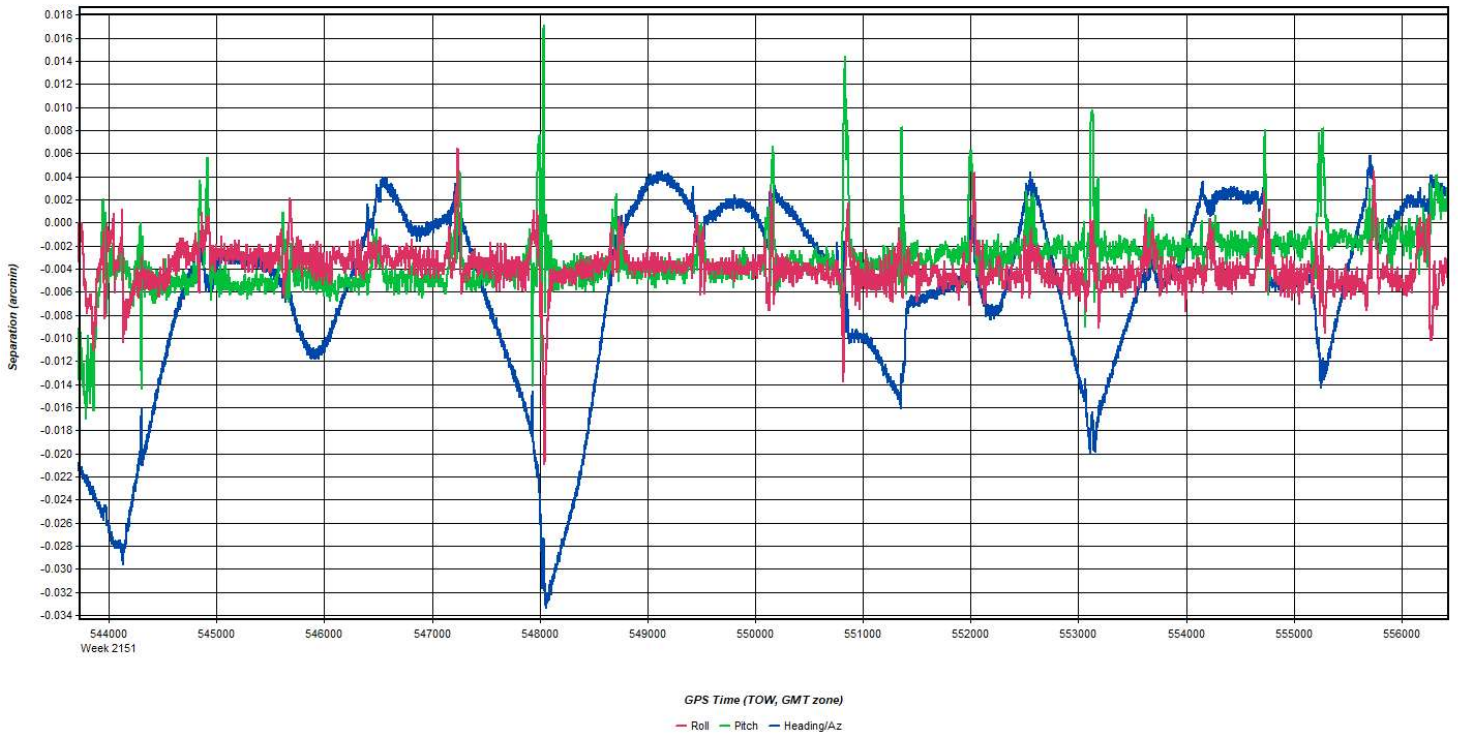
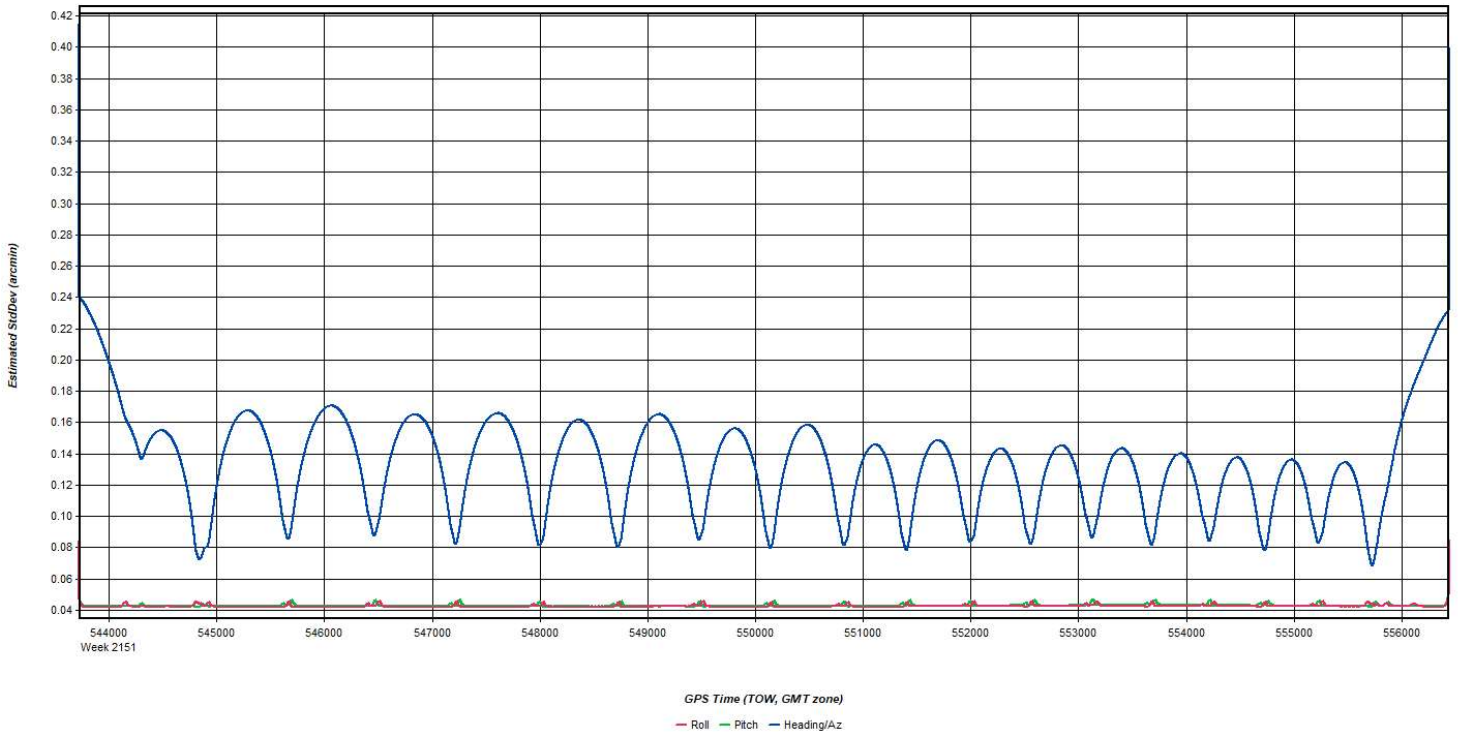


Figure 9: 20210403_070043_14 [Smoothed TC Combined] - Fwd/Rev Attitude Separation Plot



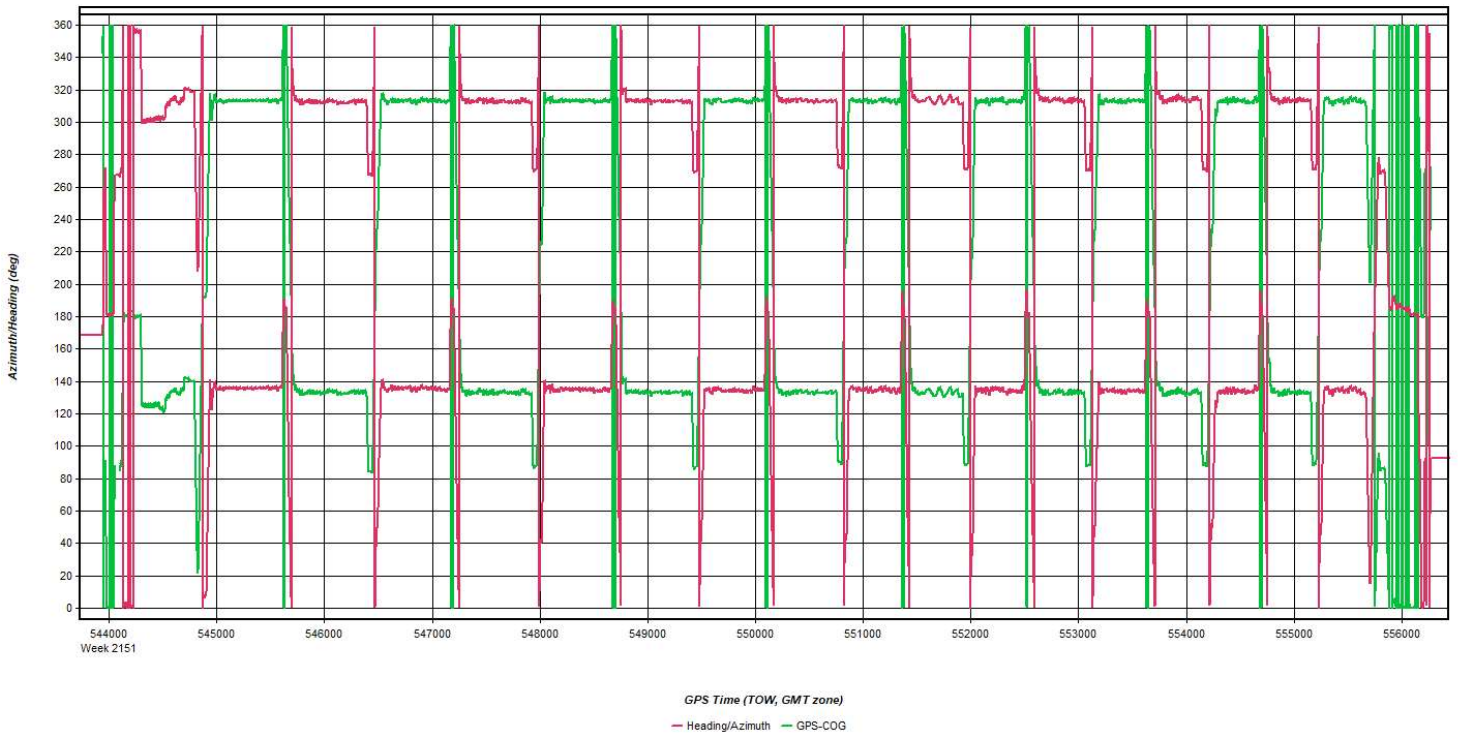
Process	20210403_070043_14	by Unknown	on 4/14/2021	at 14:40:46
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Figure 10: 20210403_070043_14 [Smoothed TC Combined] - Estimated Attitude Accuracy Plot



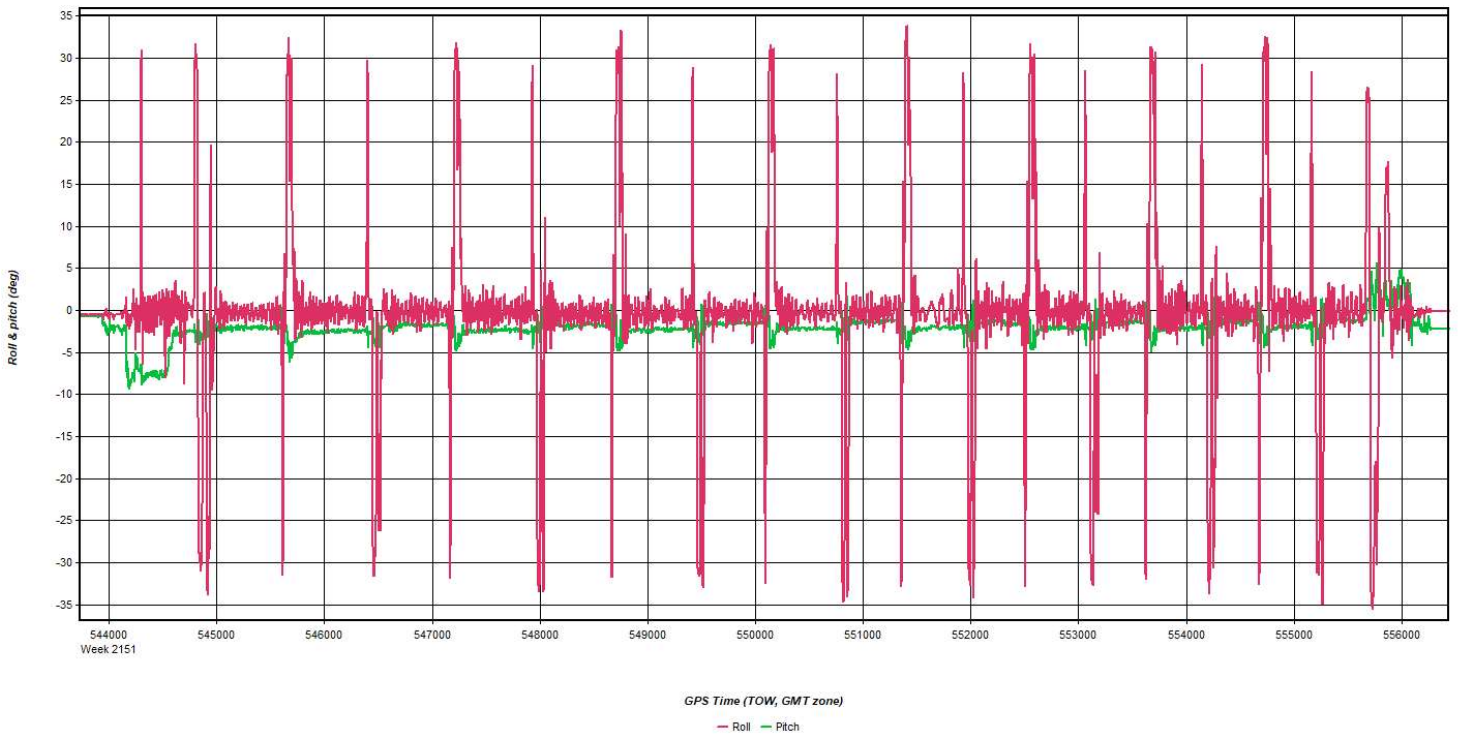
Process	20210403_070043_14	by Unknown	on 4/14/2021	at 14:40:46
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Figure 11: 20210403_070043_14 [Smoothed TC Combined] - Azimuth Plot



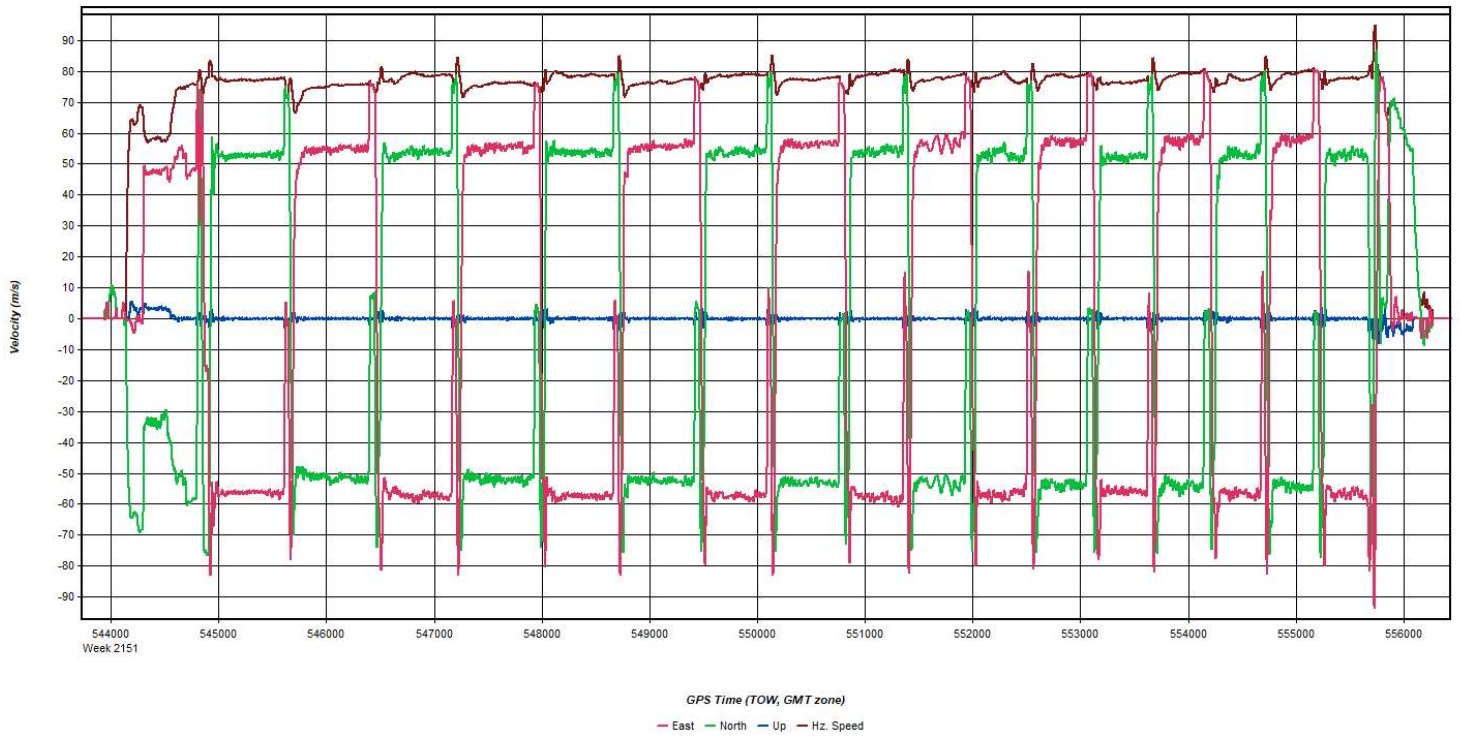
Process	20210403_070043_14	by Unknown	on 4/14/2021	at 14:40:46
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Figure 12: 20210403_070043_14 [Smoothed TC Combined] - Roll & Pitch Plot



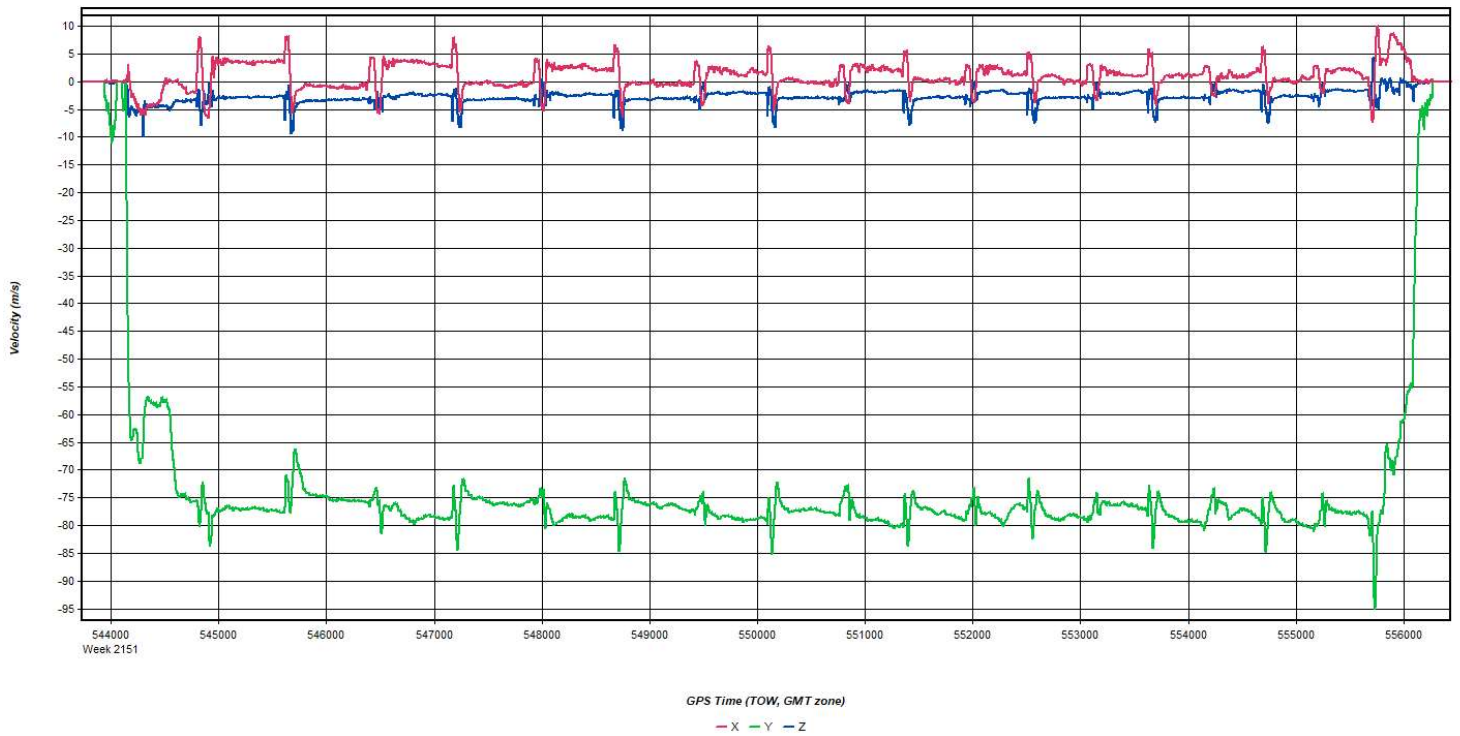
Process	20210403_070043_14	by Unknown	on 4/14/2021	at 14:40:46
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Figure 13: 20210403_070043_14 [Smoothed TC Combined] - Velocity Profile Plot



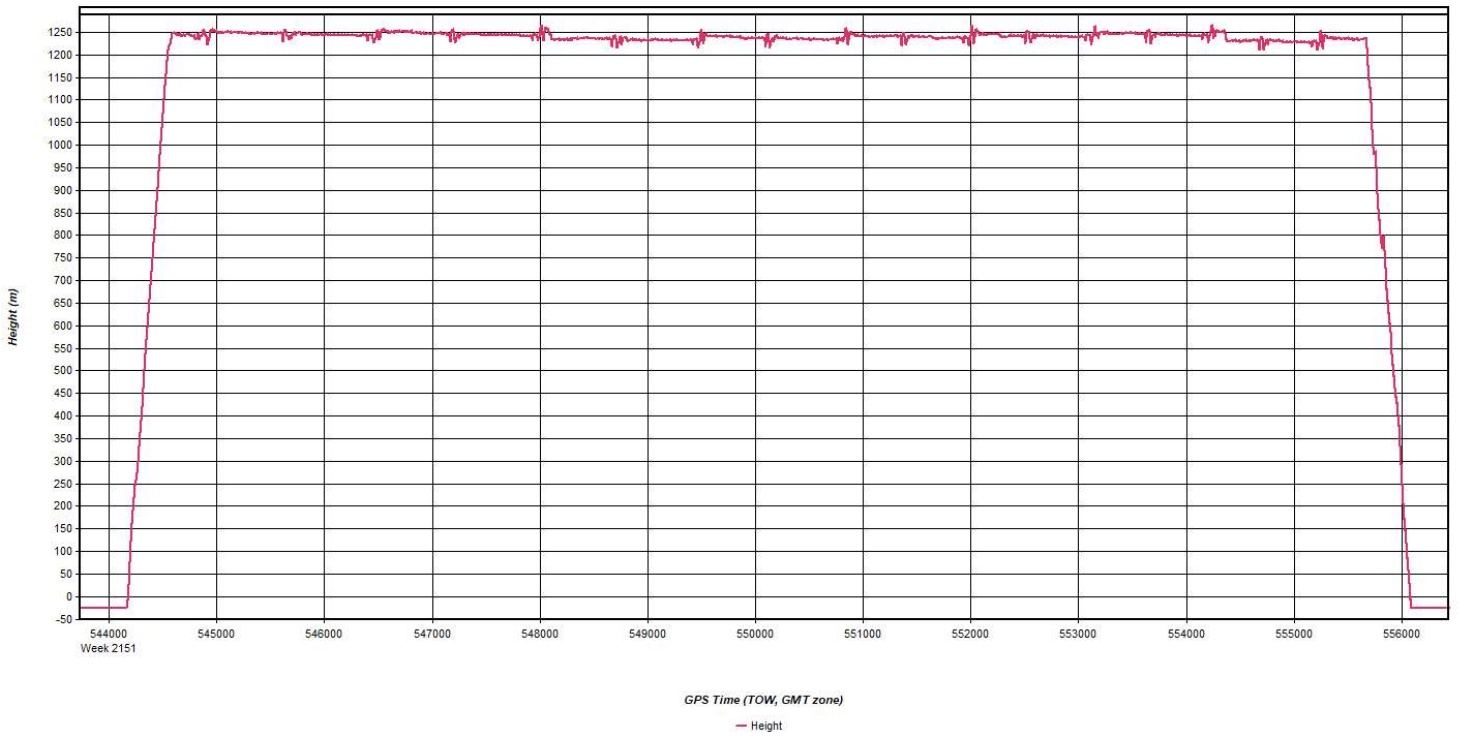
Process	20210403_070043_14	by Unknown	on 4/14/2021	at 14:40:46
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Figure 14: 20210403_070043_14 [Smoothed TC Combined] - Body Frame Velocity Plot



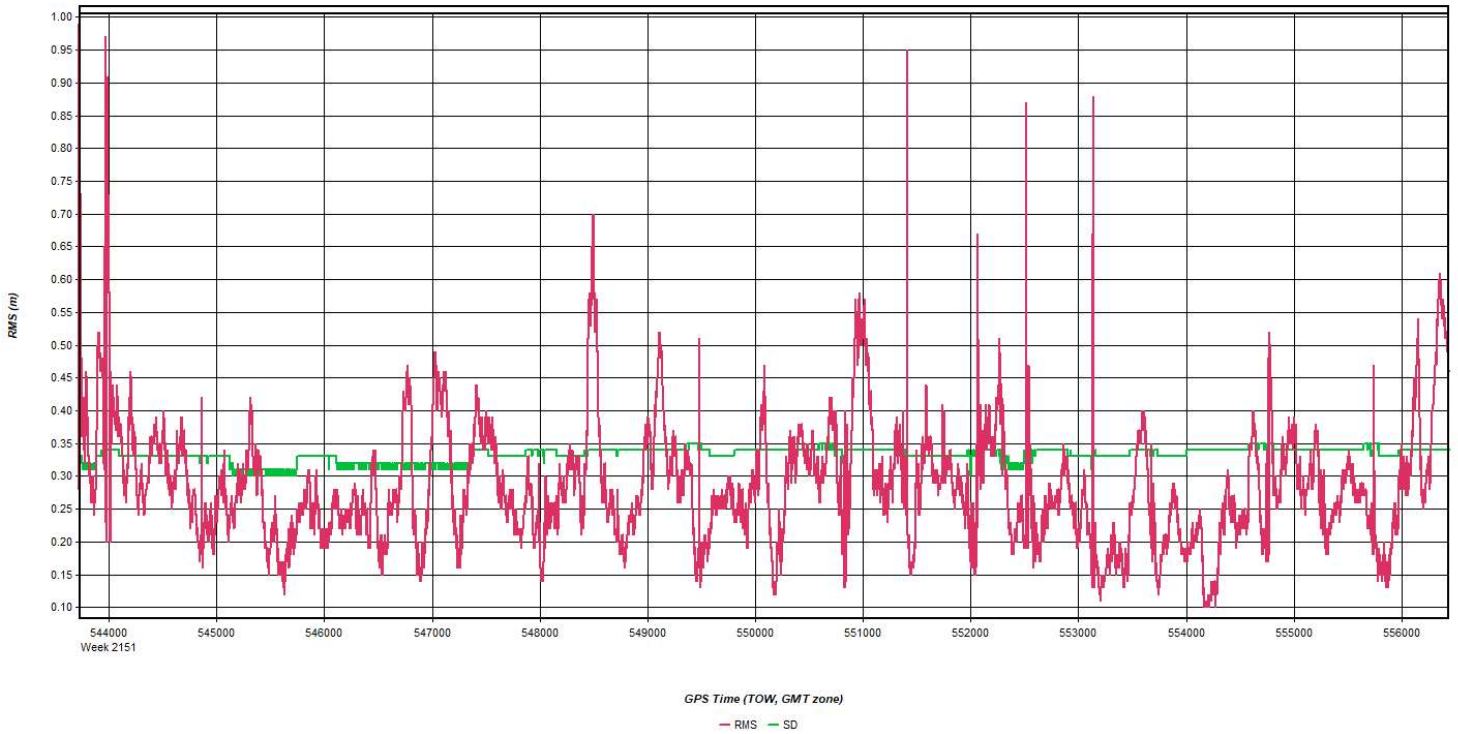
Process	20210403_070043_14	by Unknown	on 4/14/2021	at 14:40:46
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Figure 15: 20210403_070043_14 [Smoothed TC Combined] - Height Profile Plot



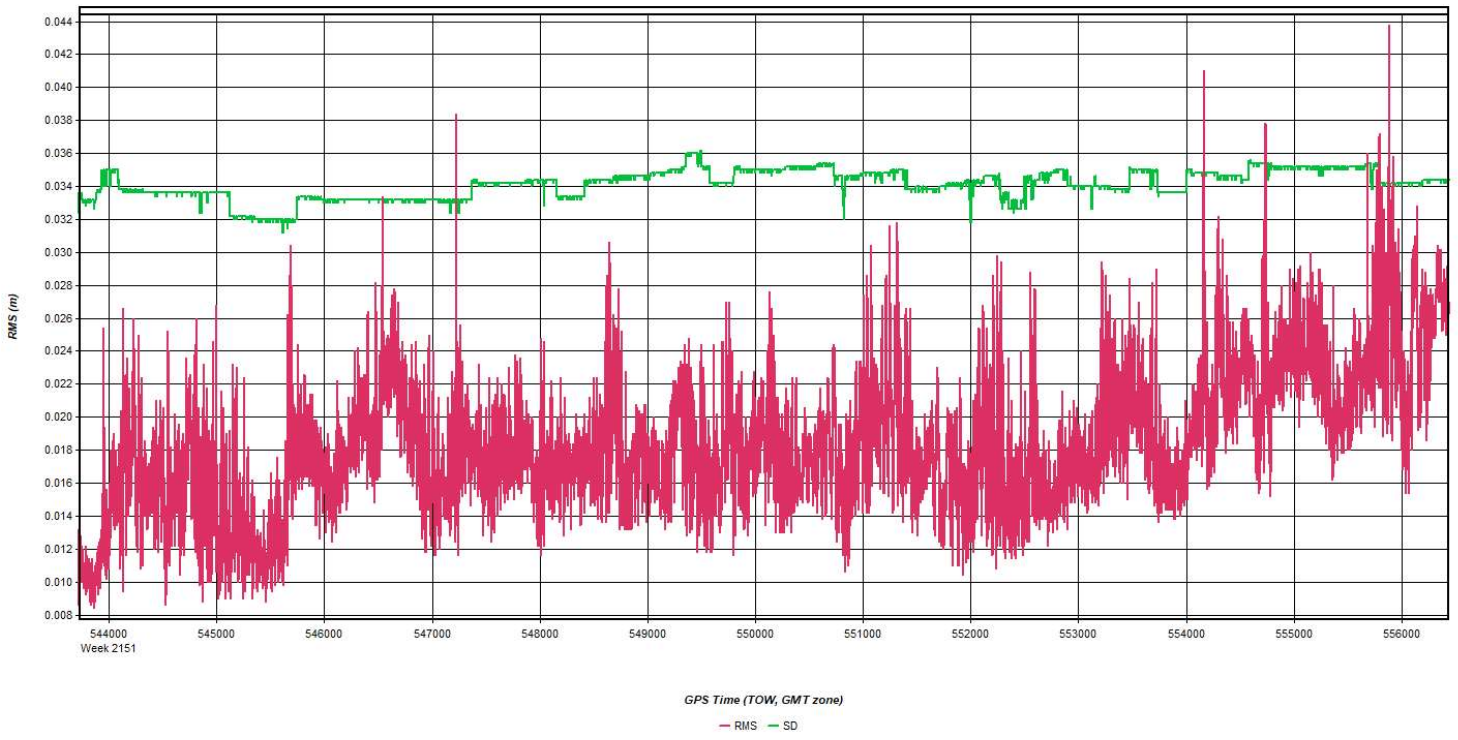
Process	20210403_070043_14	by Unknown	on 4/14/2021	at 14:40:46
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Figure 16: 20210403_070043_14 [Smoothed TC Combined] - C/A Code Residual RMS Plot



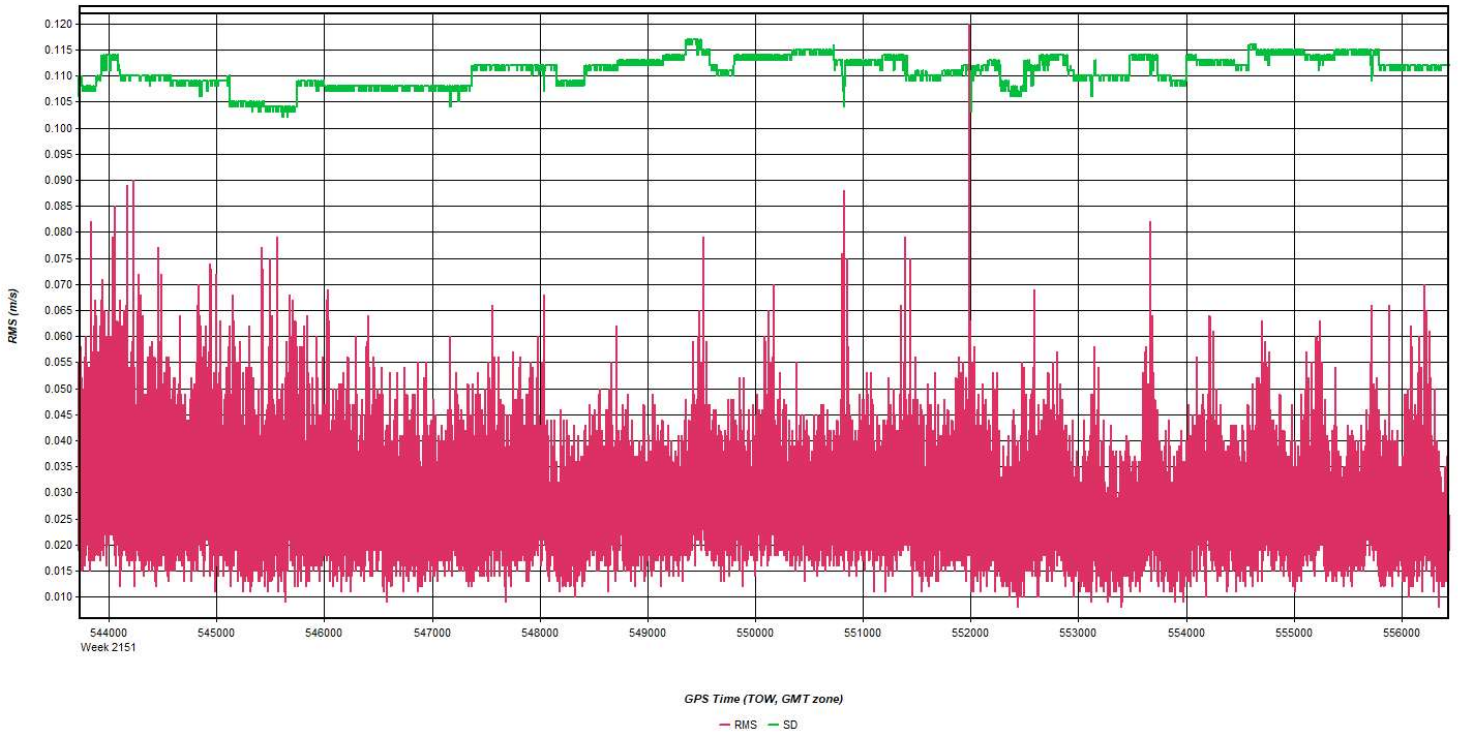
Process	20210403_070043_14	by Unknown	on 4/14/2021	at 14:40:46
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Figure 17: 20210403_070043_14 [Smoothed TC Combined] - Carrier Residual RMS Plot



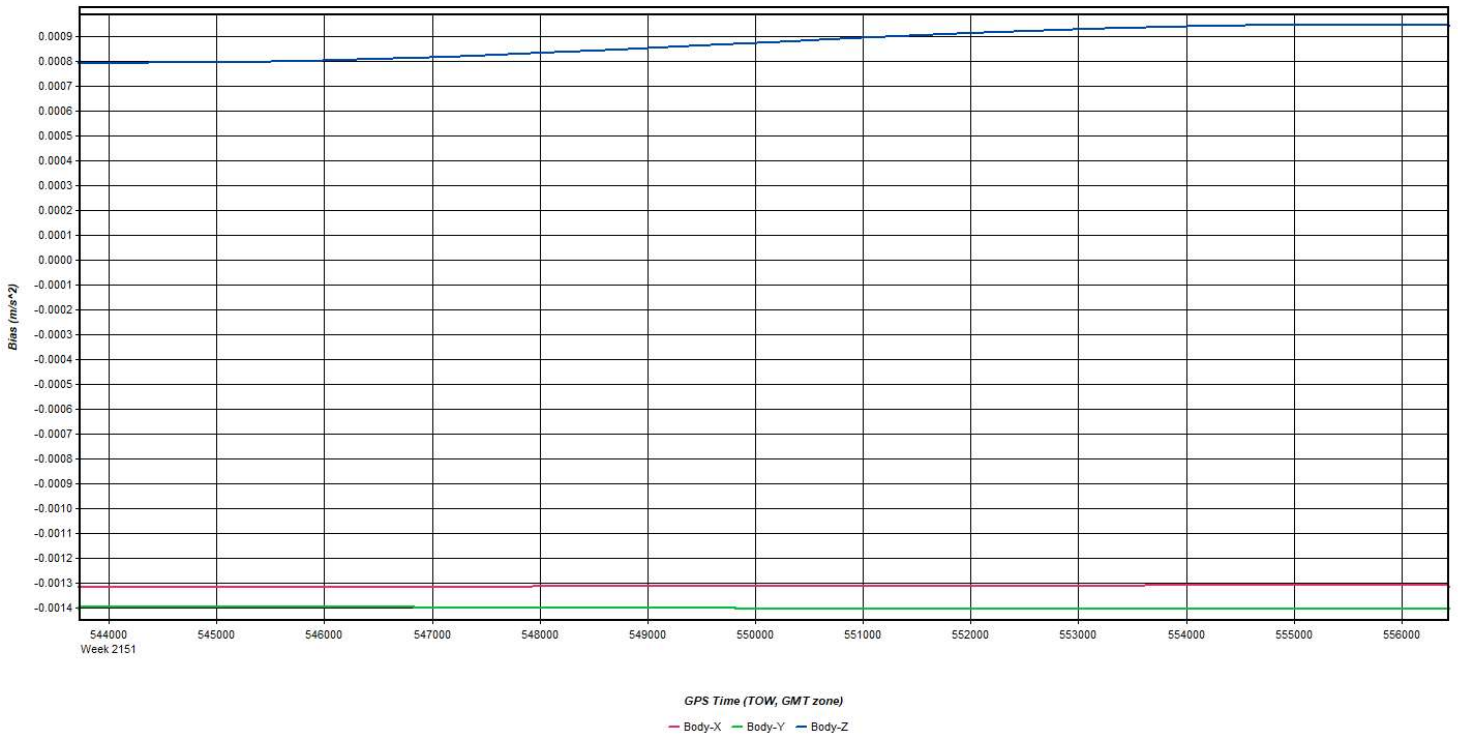
Process	20210403_070043_14	by Unknown	on 4/14/2021	at 14:40:46
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Figure 18: 20210403_070043_14 [Smoothed TC Combined] - L1 Doppler Residual RMS Plot



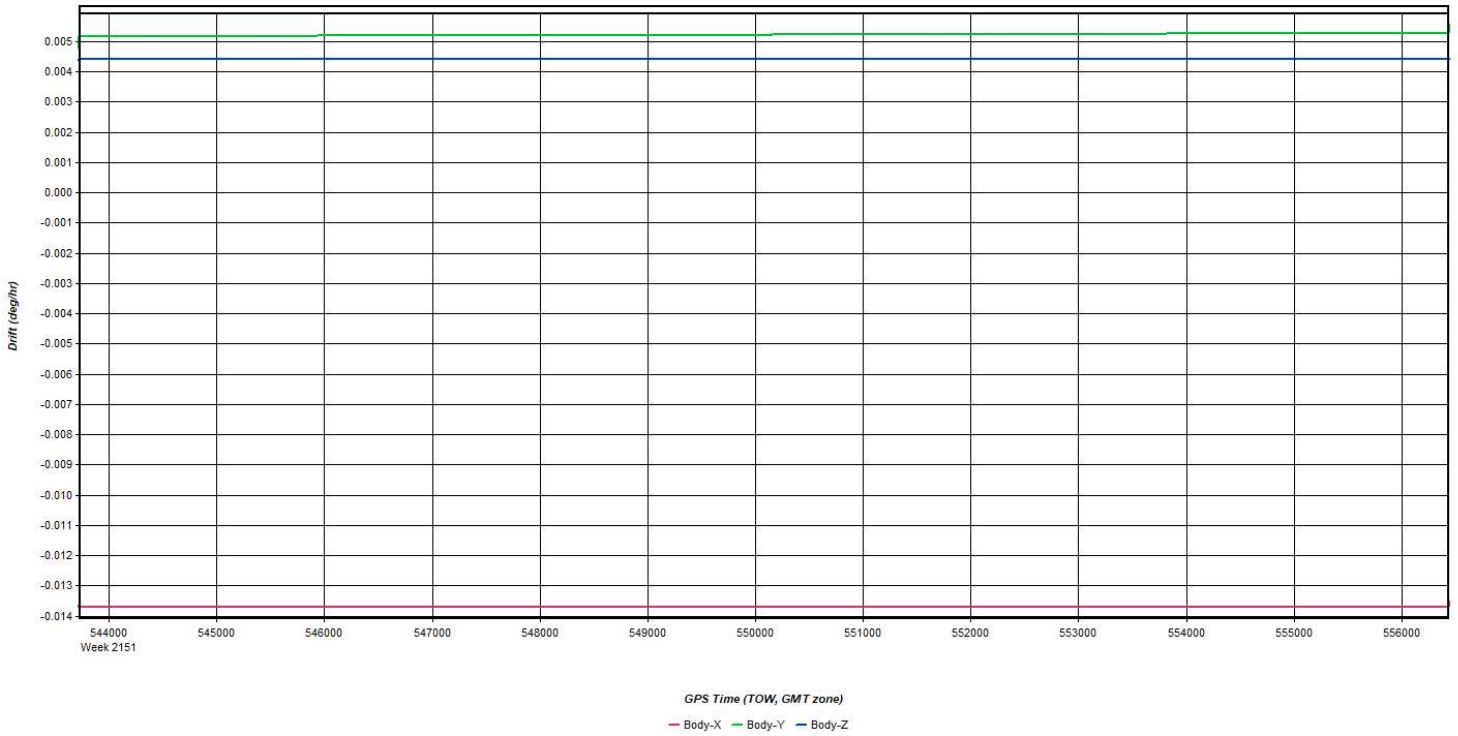
Process	20210403_070043_14	by Unknown	on 4/14/2021	at 14:40:46
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Figure 19: 20210403_070043_14 [Smoothed TC Combined] - Accelerometer Bias Plot



Process	20210403_070043_14	by Unknown	on 4/14/2021	at 14:40:46
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Figure 20: 20210403_070043_14 [Smoothed TC Combined] - Gyro Drift Plot

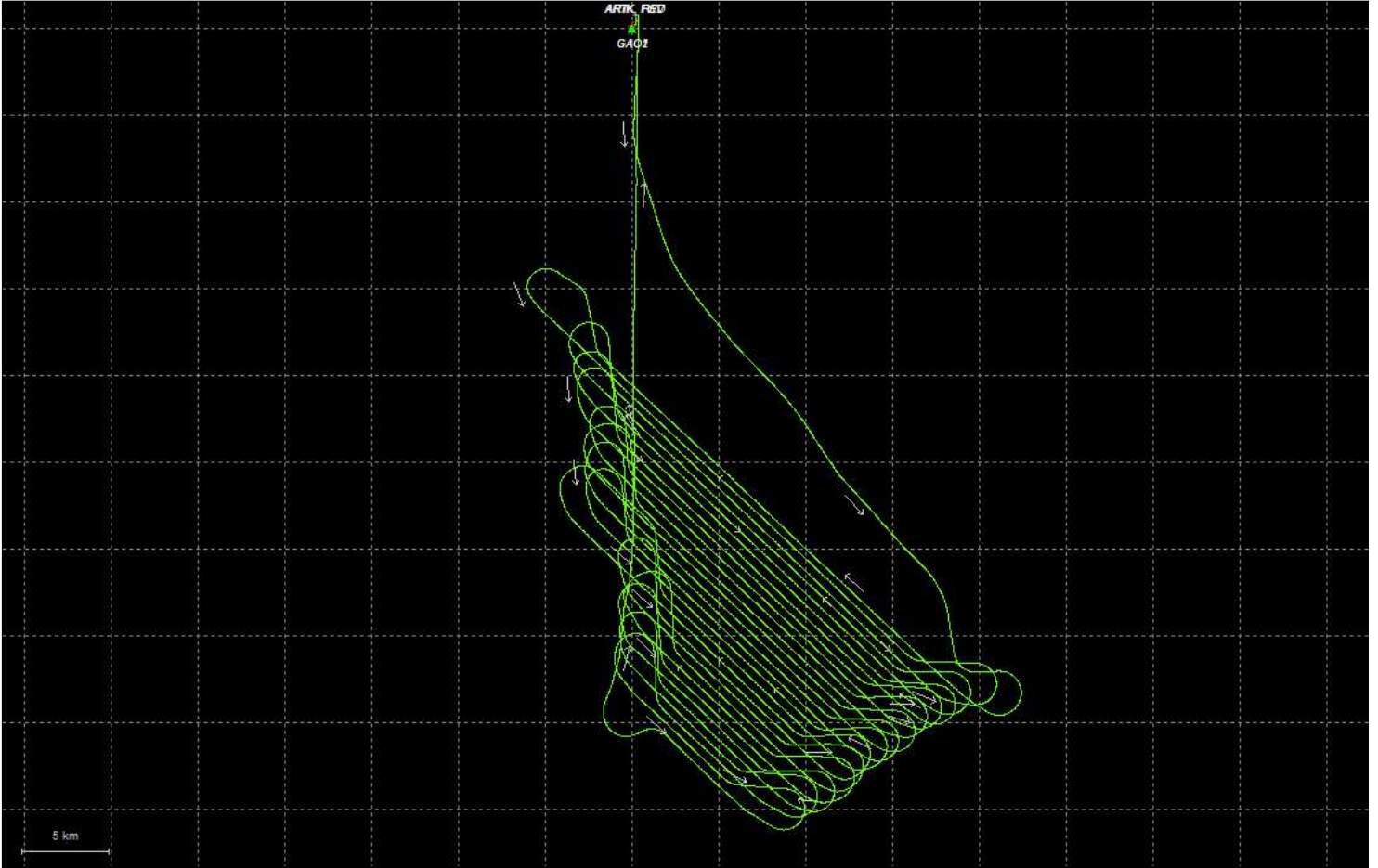


Process	20210403_070043_14	by Unknown	on 4/14/2021	at 14:40:46
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Output Results for 20210404_035801_15

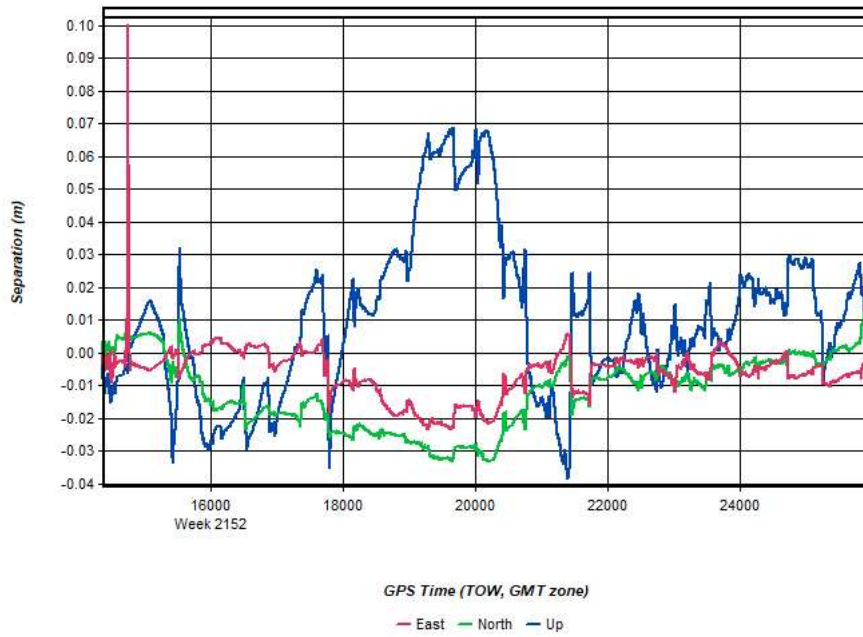
Inertial Explorer Version 8.90.2124
04/12/2021

Figure 1: Smoothed TC Combined - Map



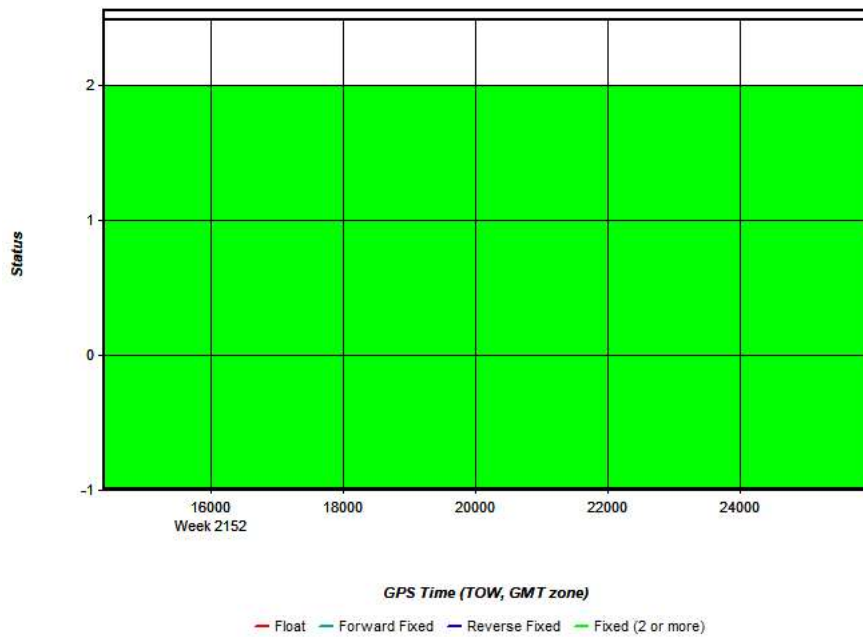
Process	20210404_035801_15	by Unknown	on 4/12/2021	at 14:50:19
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Figure 2: 20210404_035801_15 [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot



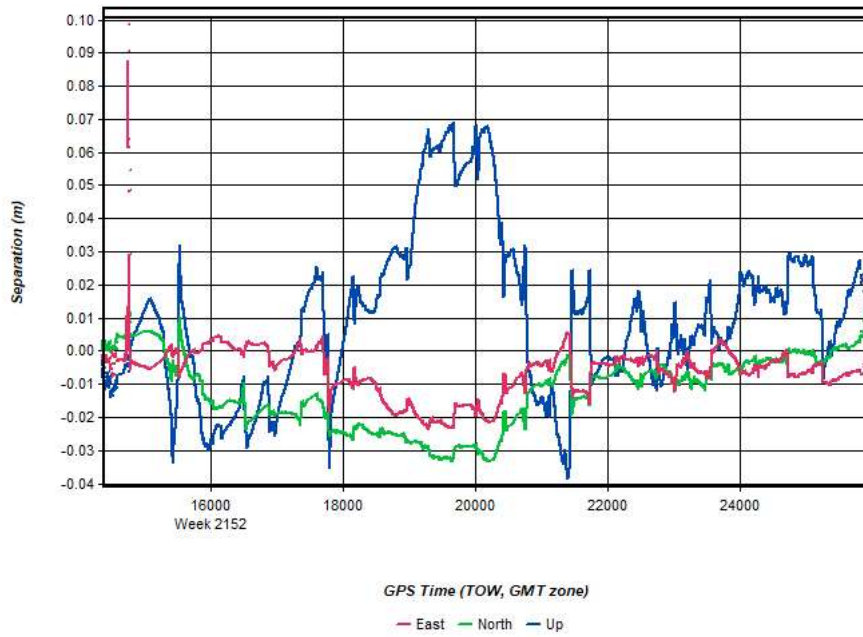
Process	20210404_035801_15	by Unknown	on 4/12/2021	at 14:50:19
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Figure 3: 20210404_035801_15 [Smoothed TC Combined] - Float or Fixed Ambiguity



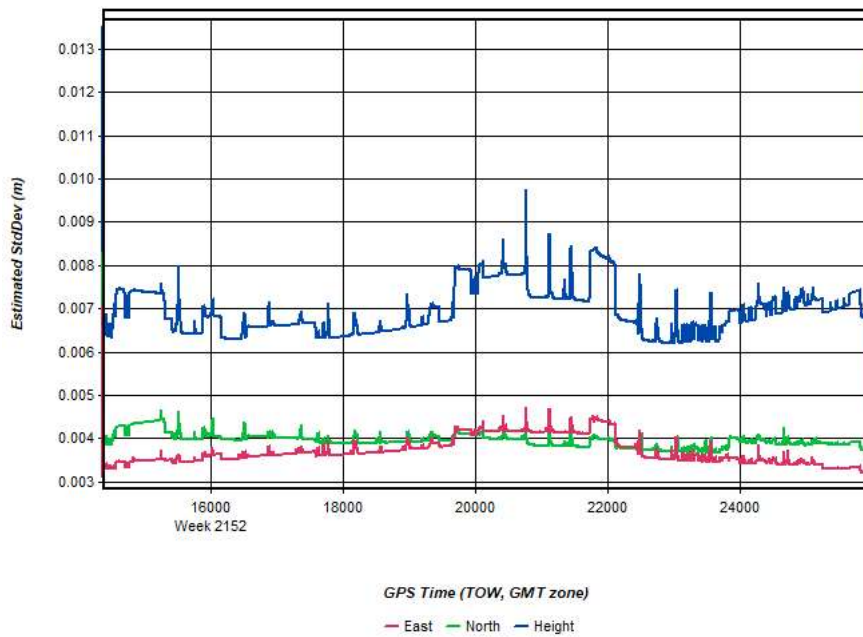
Process	20210404_035801_15	by Unknown	on 4/12/2021	at 14:50:19
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Figure 4: 20210404_035801_15 [Smoothed TC Combined] - Forward/Reverse Separation Plot (Fixed)



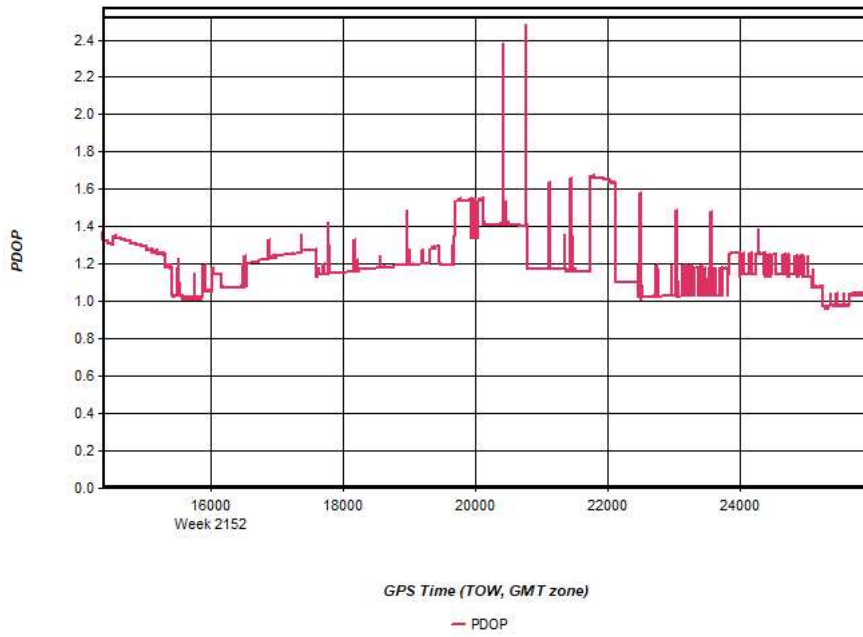
Process	20210404_035801_15	by Unknown	on 4/12/2021	at 14:50:19
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Figure 5: 20210404_035801_15 [Smoothed TC Combined] - Estimated Position Accuracy Plot



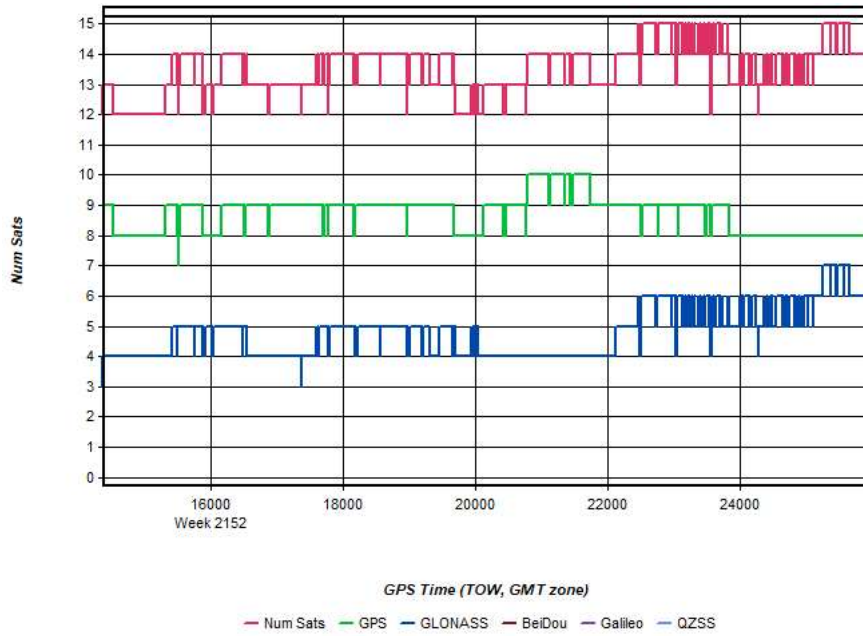
Process	20210404_035801_15	by Unknown	on 4/12/2021	at 14:50:19
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Figure 6: 20210404_035801_15 [Smoothed TC Combined] - PDOP Plot



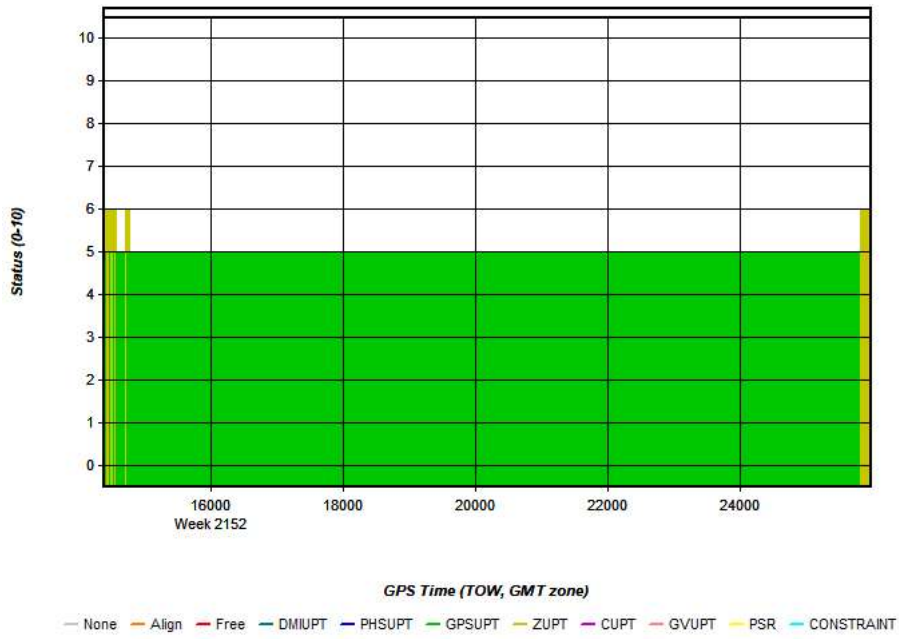
Process	20210404_035801_15	by Unknown	on 4/12/2021	at 14:50:19
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Figure 7: 20210404_035801_15 [Smoothed TC Combined] - Number of Satellites Line Plot



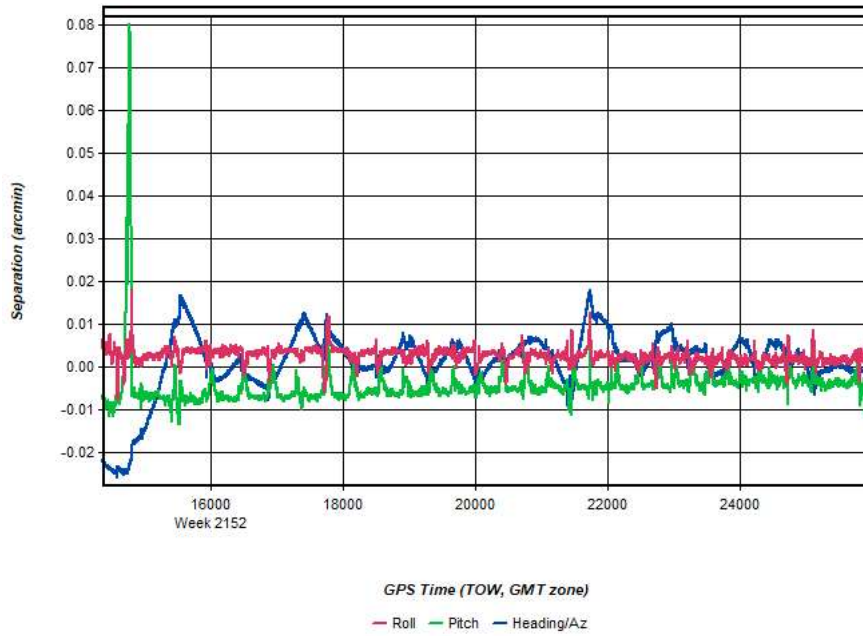
Process	20210404_035801_15	by Unknown	on 4/12/2021	at 14:50:19
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Figure 8: 20210404_035801_15 [Smoothed TC Combined] - Status flag for IMU processing



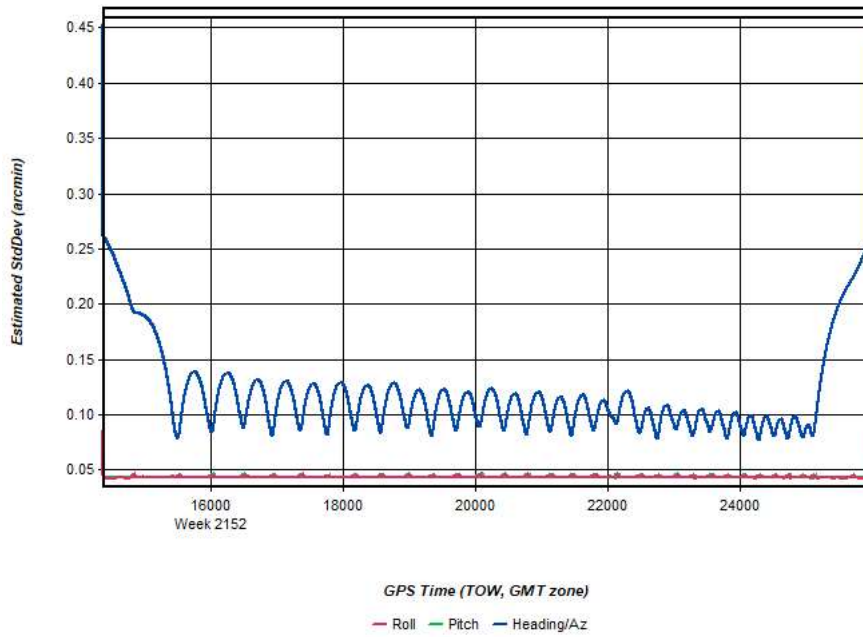
Process	20210404_035801_15	by Unknown	on 4/12/2021	at 14:50:19
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Figure 9: 20210404_035801_15 [Smoothed TC Combined] - Fwd/Rev Attitude Separation Plot



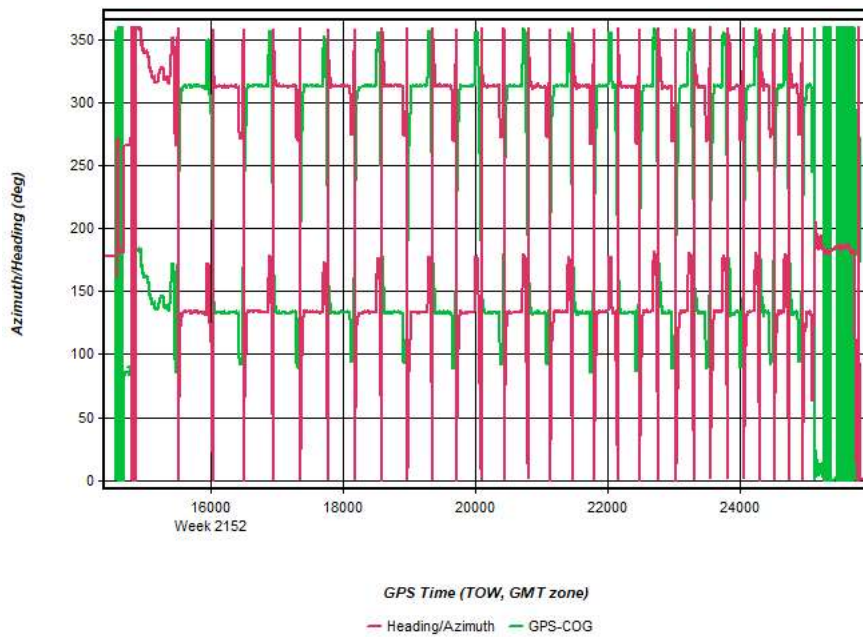
Process	20210404_035801_15	by Unknown	on 4/12/2021	at 14:50:19
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Figure 10: 20210404_035801_15 [Smoothed TC Combined] - Estimated Attitude Accuracy Plot



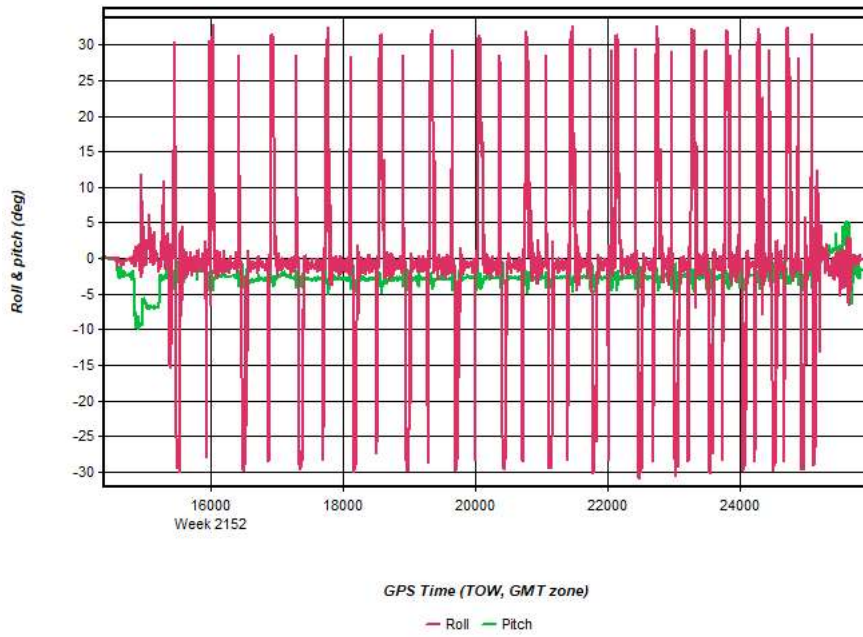
Process	20210404_035801_15	by Unknown	on 4/12/2021	at 14:50:19
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Figure 11: 20210404_035801_15 [Smoothed TC Combined] - Azimuth Plot



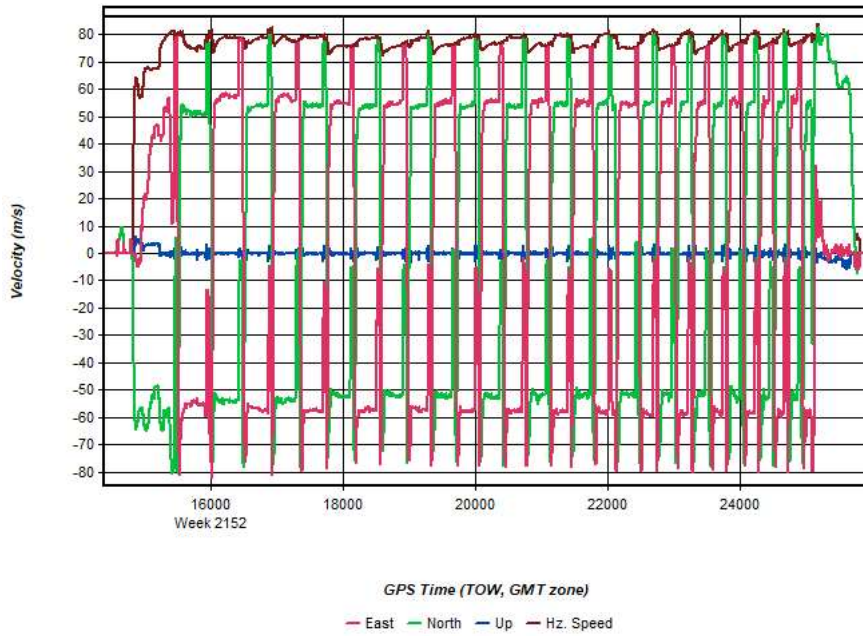
Process	20210404_035801_15	by Unknown	on 4/12/2021	at 14:50:19
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Figure 12: 20210404_035801_15 [Smoothed TC Combined] - Roll & Pitch Plot



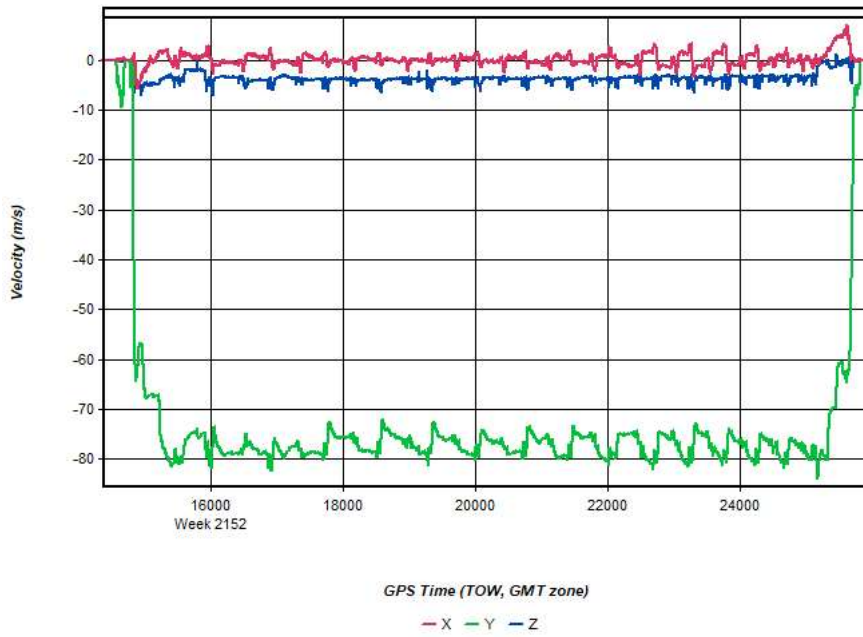
Process	20210404_035801_15	by Unknown	on 4/12/2021	at 14:50:19
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Figure 13: 20210404_035801_15 [Smoothed TC Combined] - Velocity Profile Plot



Process	20210404_035801_15	by Unknown	on 4/12/2021	at 14:50:19
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Figure 14: 20210404_035801_15 [Smoothed TC Combined] - Body Frame Velocity Plot



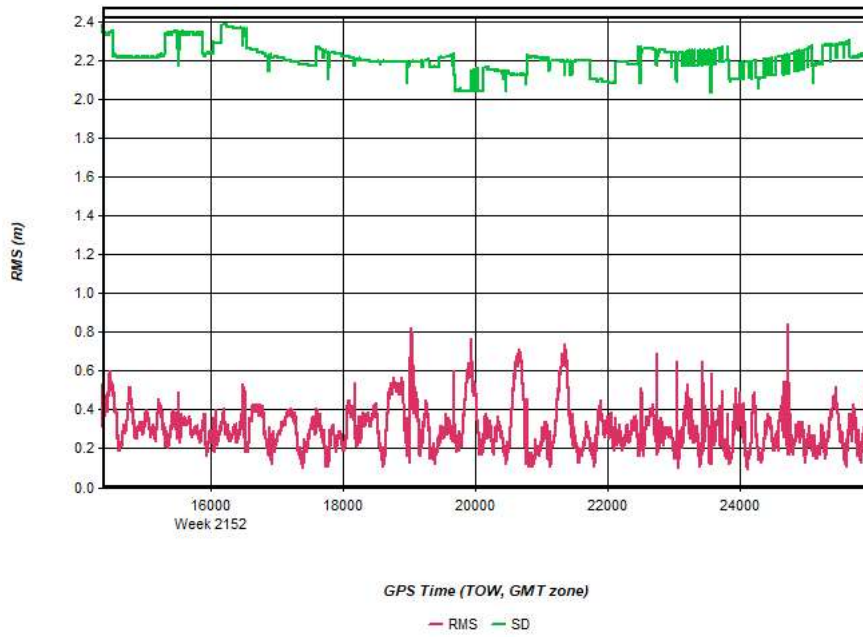
Process	20210404_035801_15	by Unknown	on 4/12/2021	at 14:50:19
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Figure 15: 20210404_035801_15 [Smoothed TC Combined] - Height Profile Plot



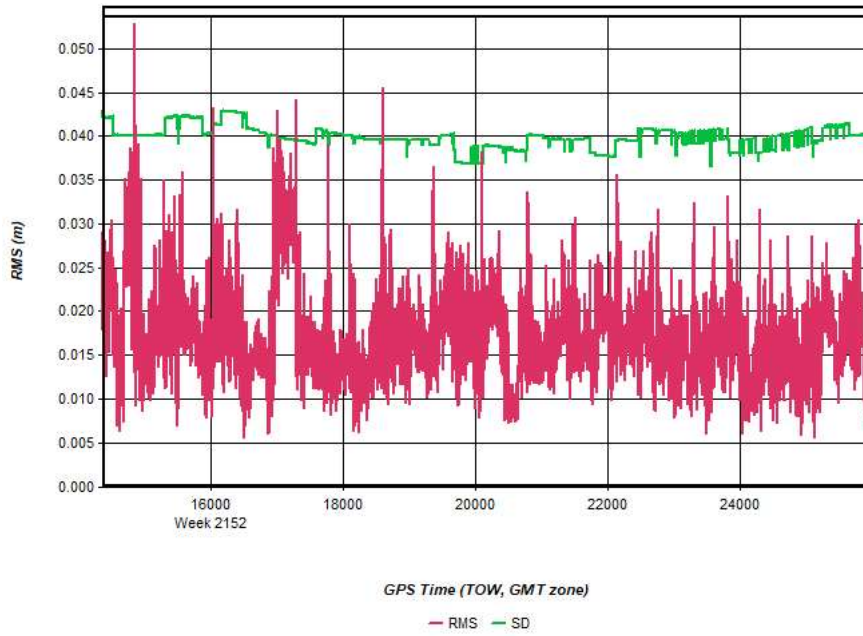
Process	20210404_035801_15	by Unknown	on 4/12/2021	at 14:50:19
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Figure 16: 20210404_035801_15 [Smoothed TC Combined] - C/A Code Residual RMS Plot



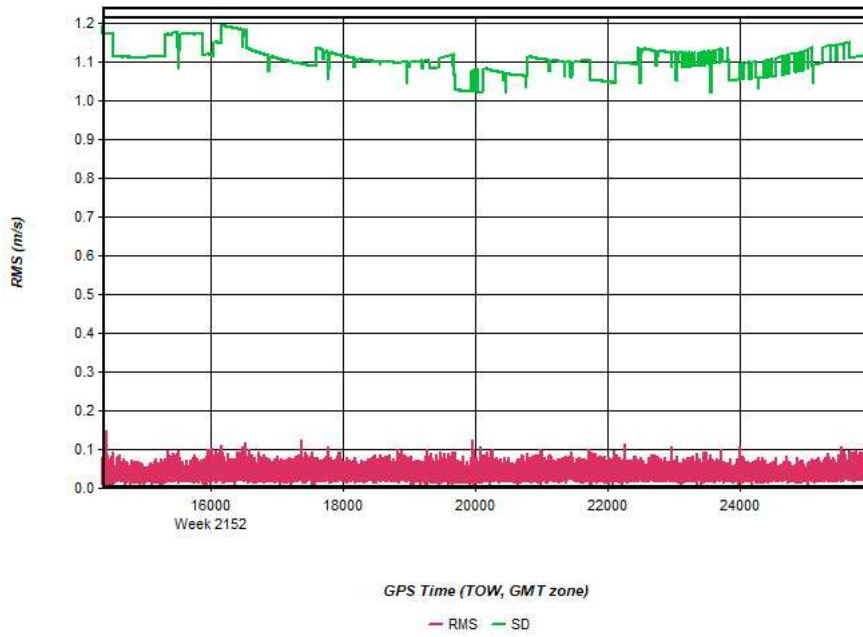
Process	20210404_035801_15	by Unknown	on 4/12/2021	at 14:50:19
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Figure 17: 20210404_035801_15 [Smoothed TC Combined] - Carrier Residual RMS Plot



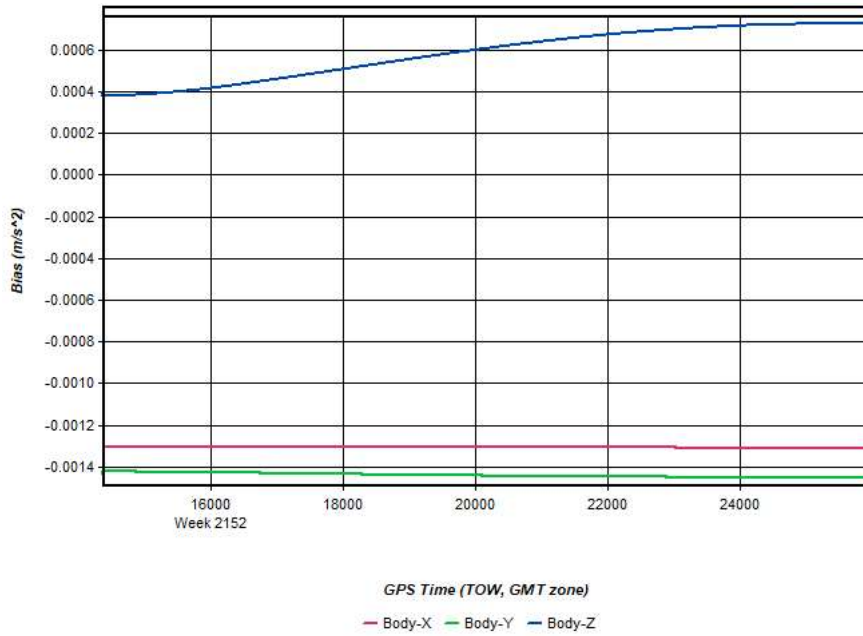
Process	20210404_035801_15	by Unknown	on 4/12/2021	at 14:50:19
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Figure 18: 20210404_035801_15 [Smoothed TC Combined] - L1 Doppler Residual RMS Plot



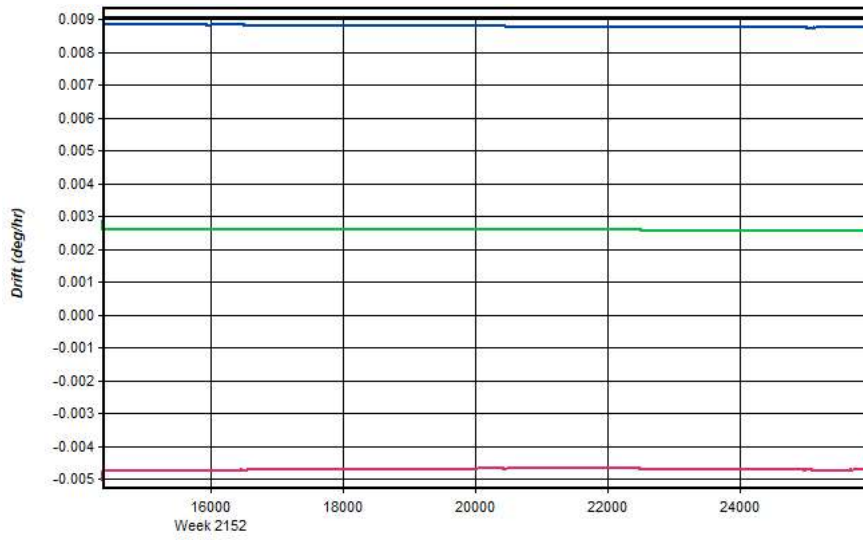
Process	20210404_035801_15	by Unknown	on 4/12/2021	at 14:50:19
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Figure 19: 20210404_035801_15 [Smoothed TC Combined] - Accelerometer Bias Plot



Process	20210404_035801_15	by Unknown	on 4/12/2021	at 14:50:19
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Figure 20: 20210404_035801_15 [Smoothed TC Combined] - Gyro Drift Plot



GPS Time (TOW, GMT zone)

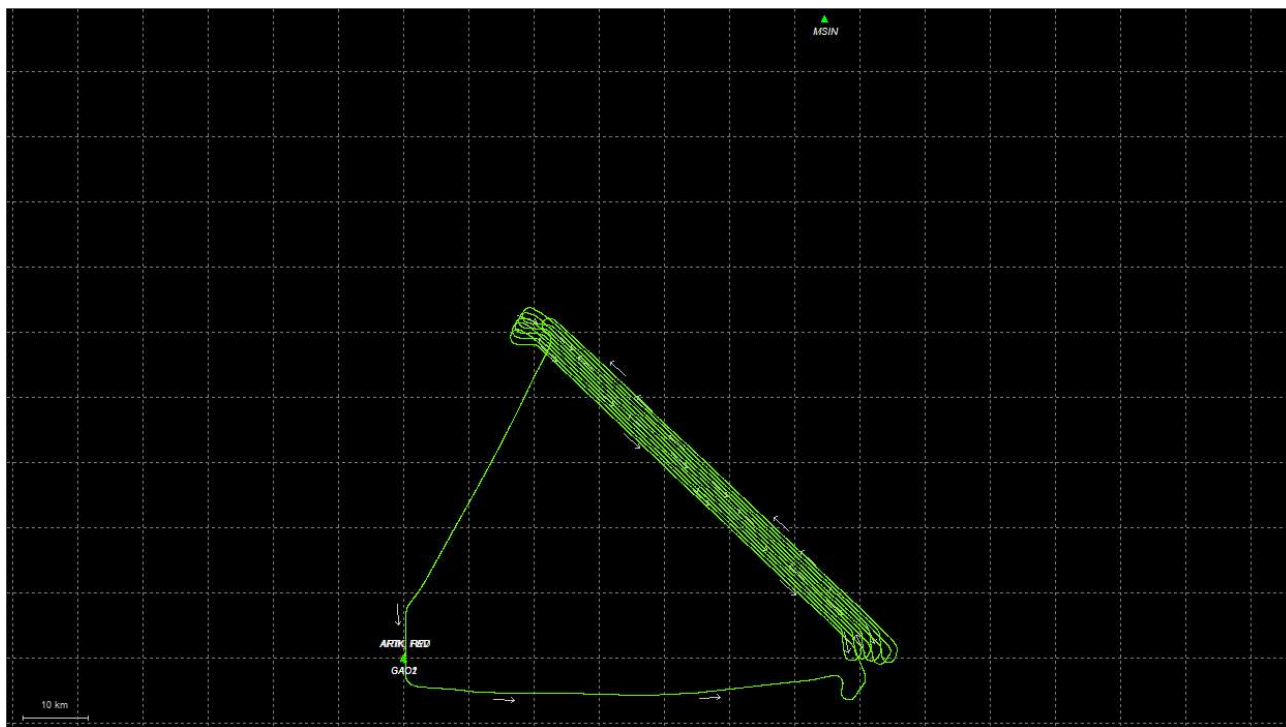
Body-X Body-Y Body-Z

Process	20210404_035801_15	by Unknown	on 4/12/2021	at 14:50:19
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Output Results for 20210404_073732_16

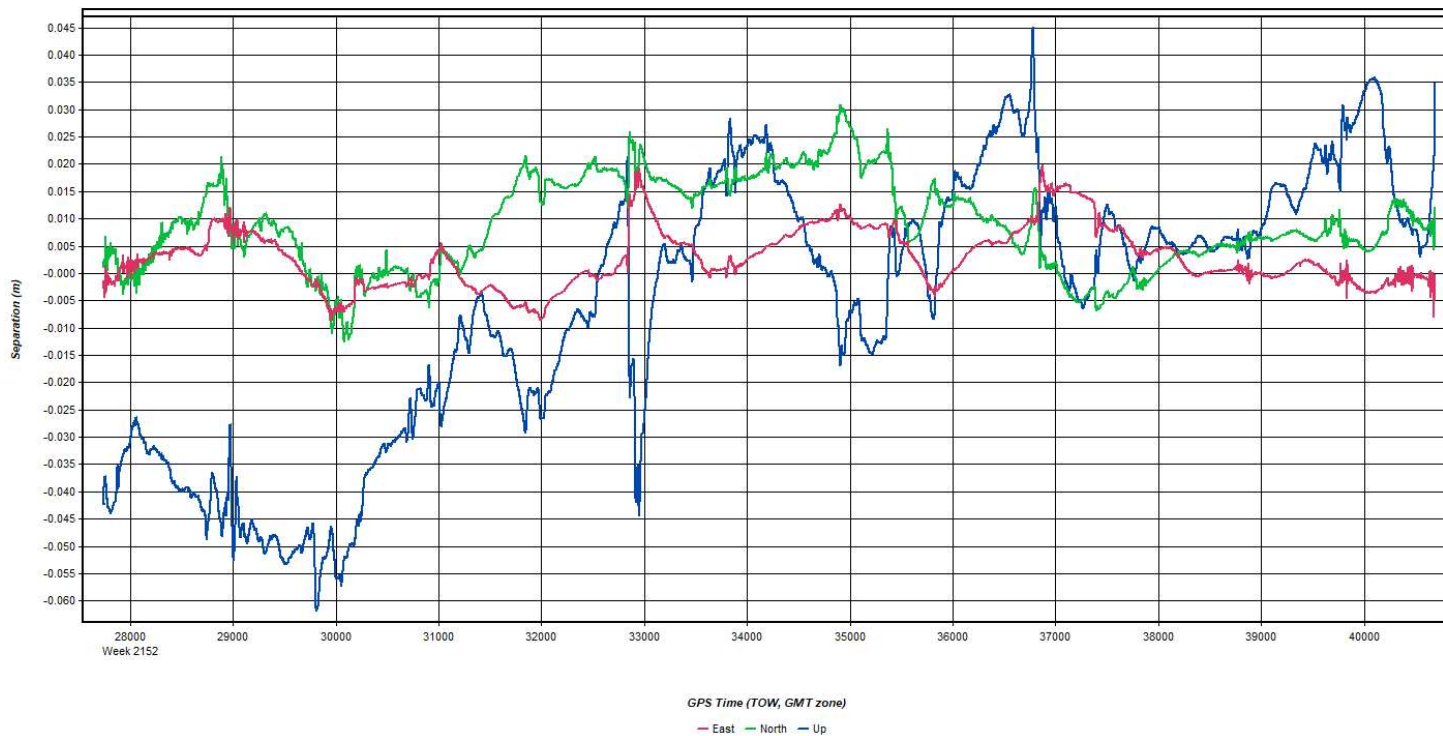
Inertial Explorer Version 8.90.2124
04/13/2021

Figure 1: Smoothed TC Combined - Map



Process	20210404_073732_16	by Unknown	on 4/13/2021	at 08:33:37
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Figure 2: 20210404_073732_16 [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot



Process	20210404_073732_16	by Unknown	on 4/13/2021	at 08:33:37
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Figure 3: 20210404_073732_16 [Smoothed TC Combined] - Float or Fixed Ambiguity

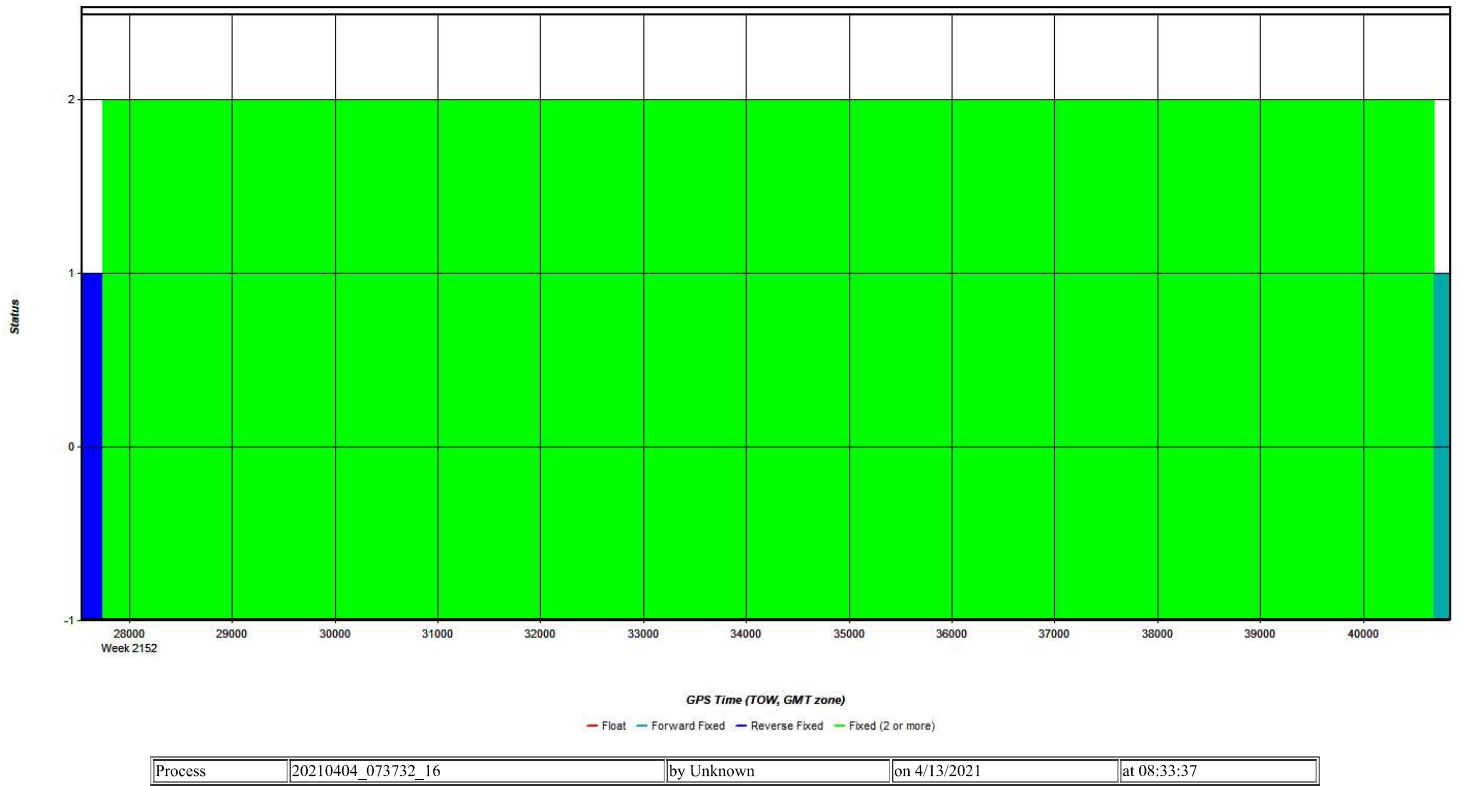


Figure 4: 20210404_073732_16 [Smoothed TC Combined] - Forward/Reverse Separation Plot (Fixed)

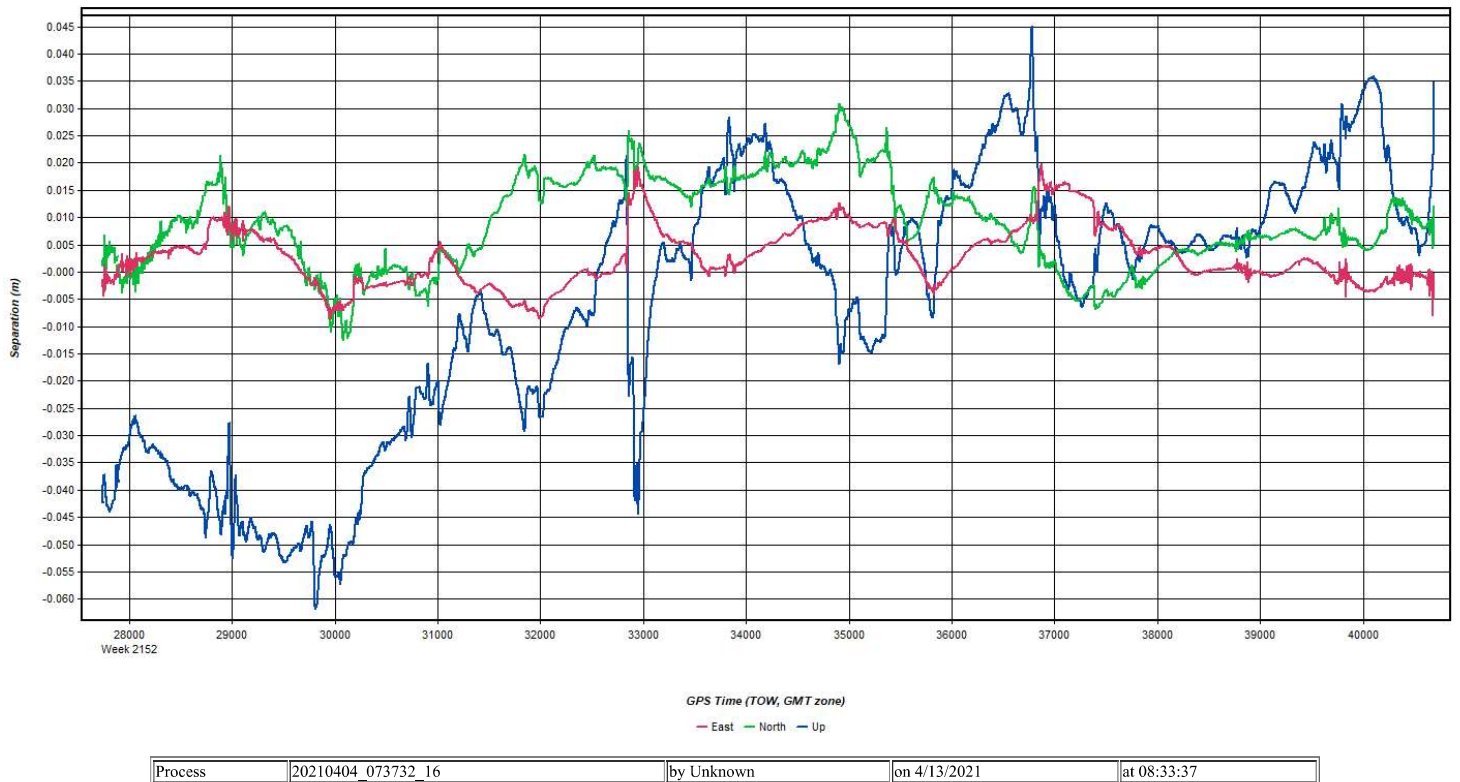
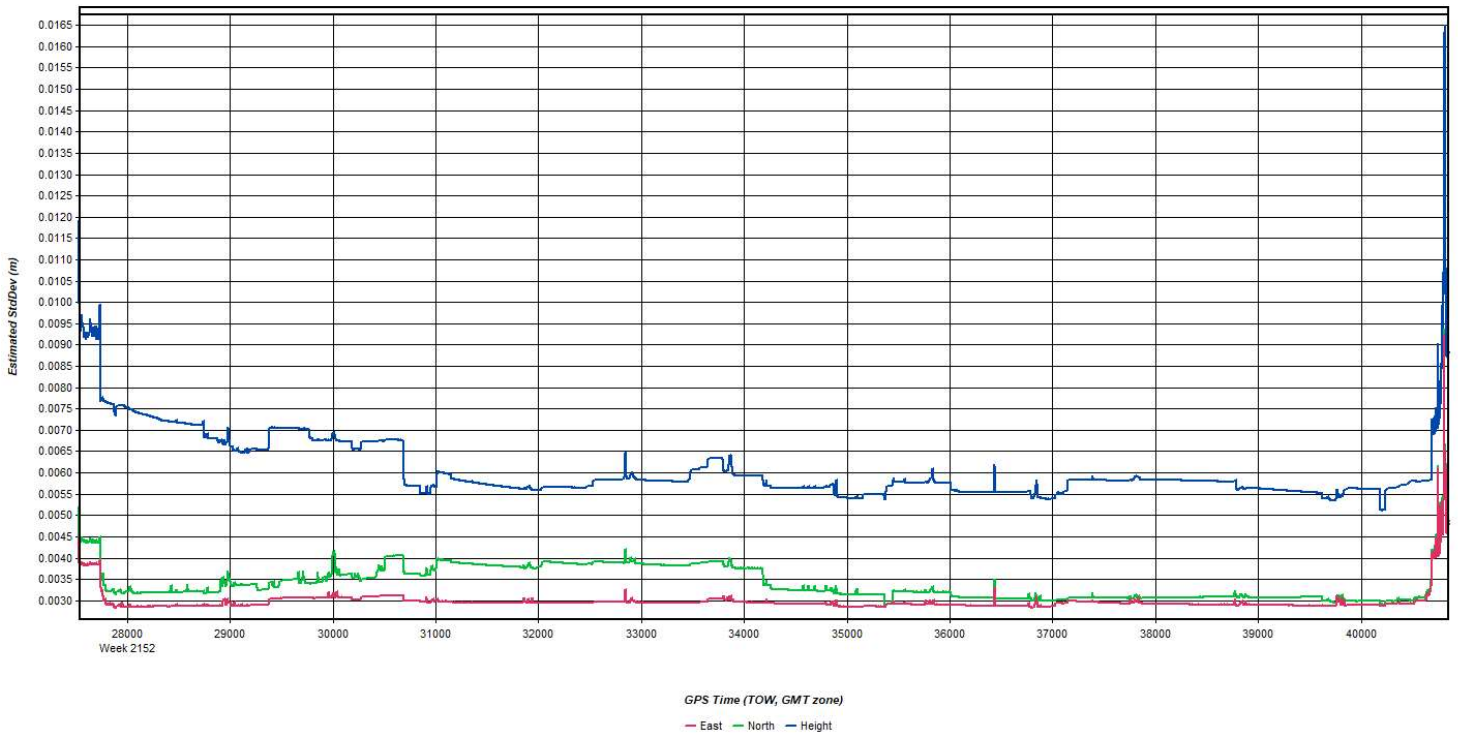
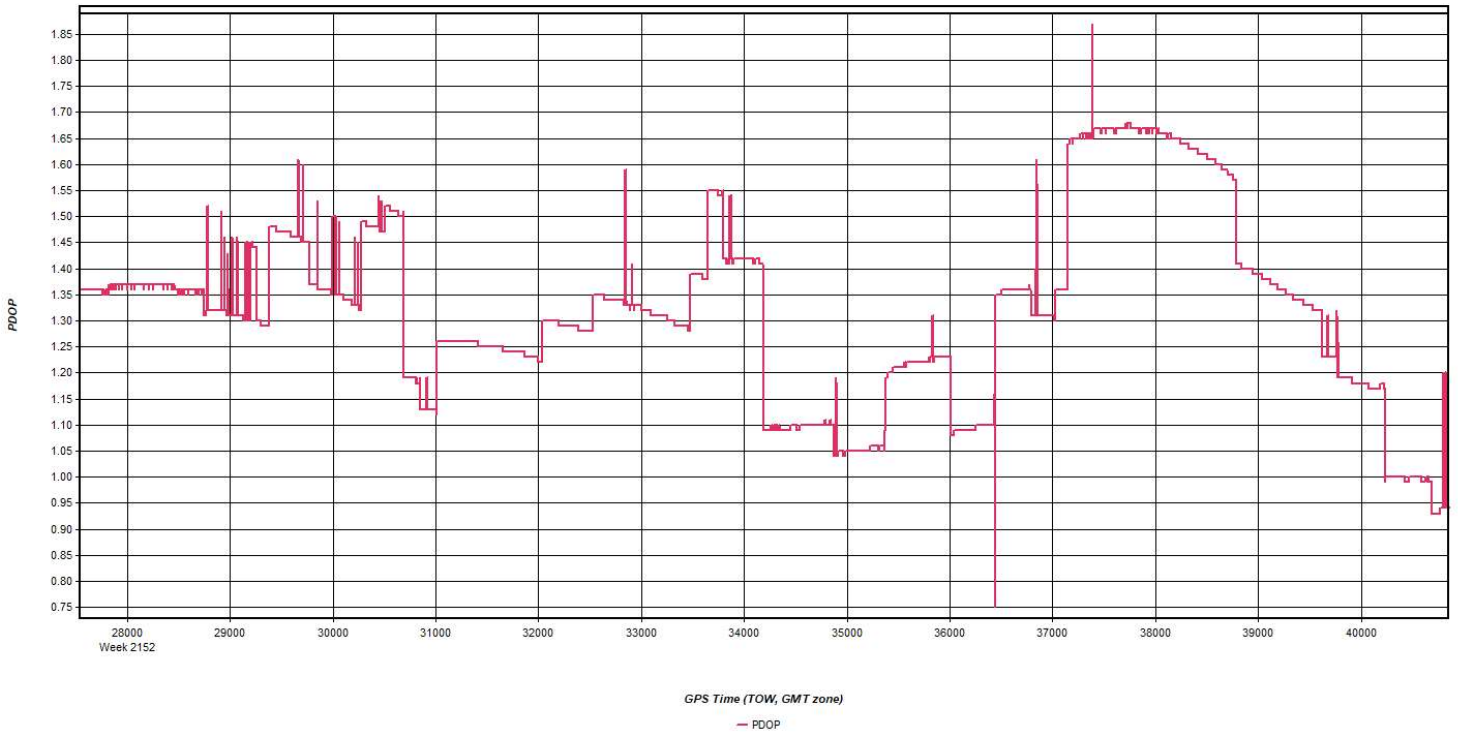


Figure 5: 20210404_073732_16 [Smoothed TC Combined] - Estimated Position Accuracy Plot



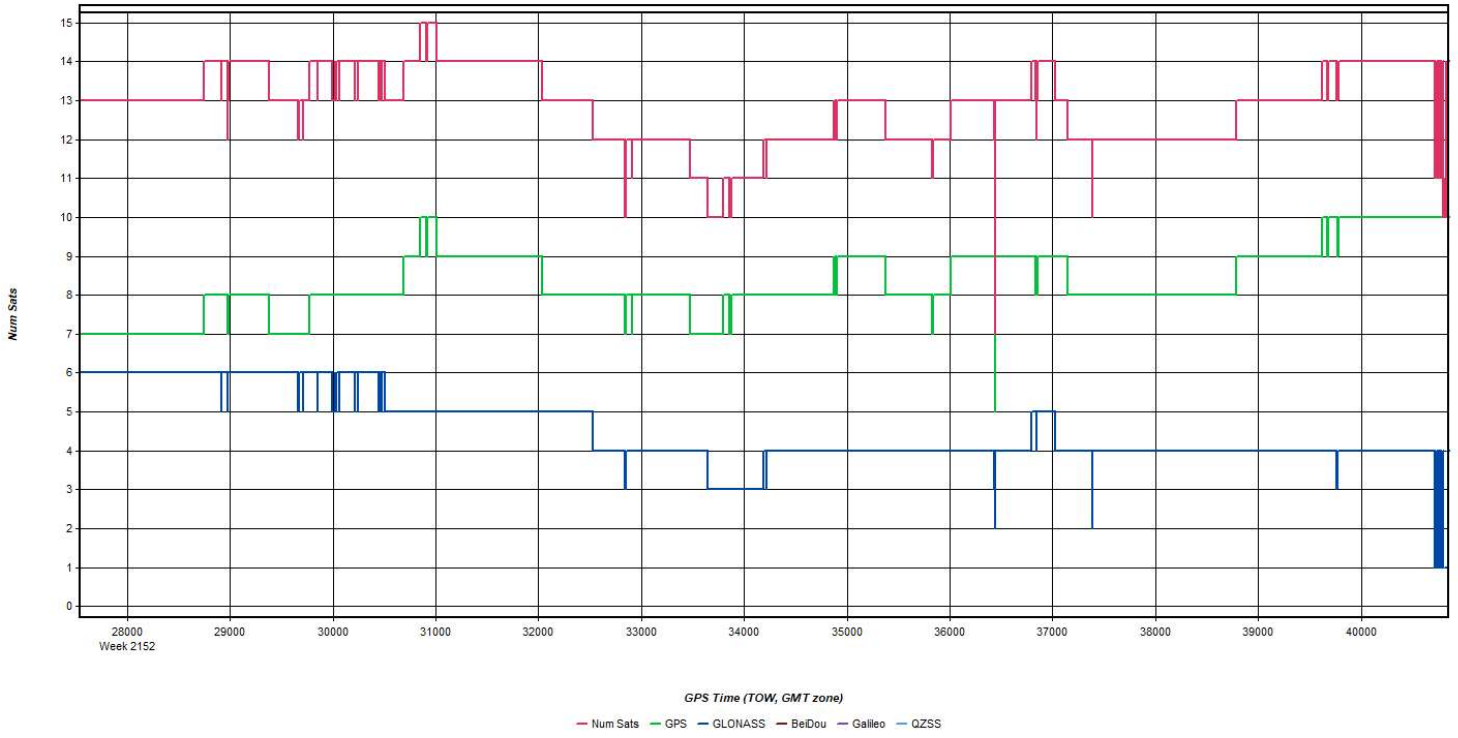
Process	20210404_073732_16	by Unknown	on 4/13/2021	at 08:33:37
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Figure 6: 20210404_073732_16 [Smoothed TC Combined] - PDOP Plot



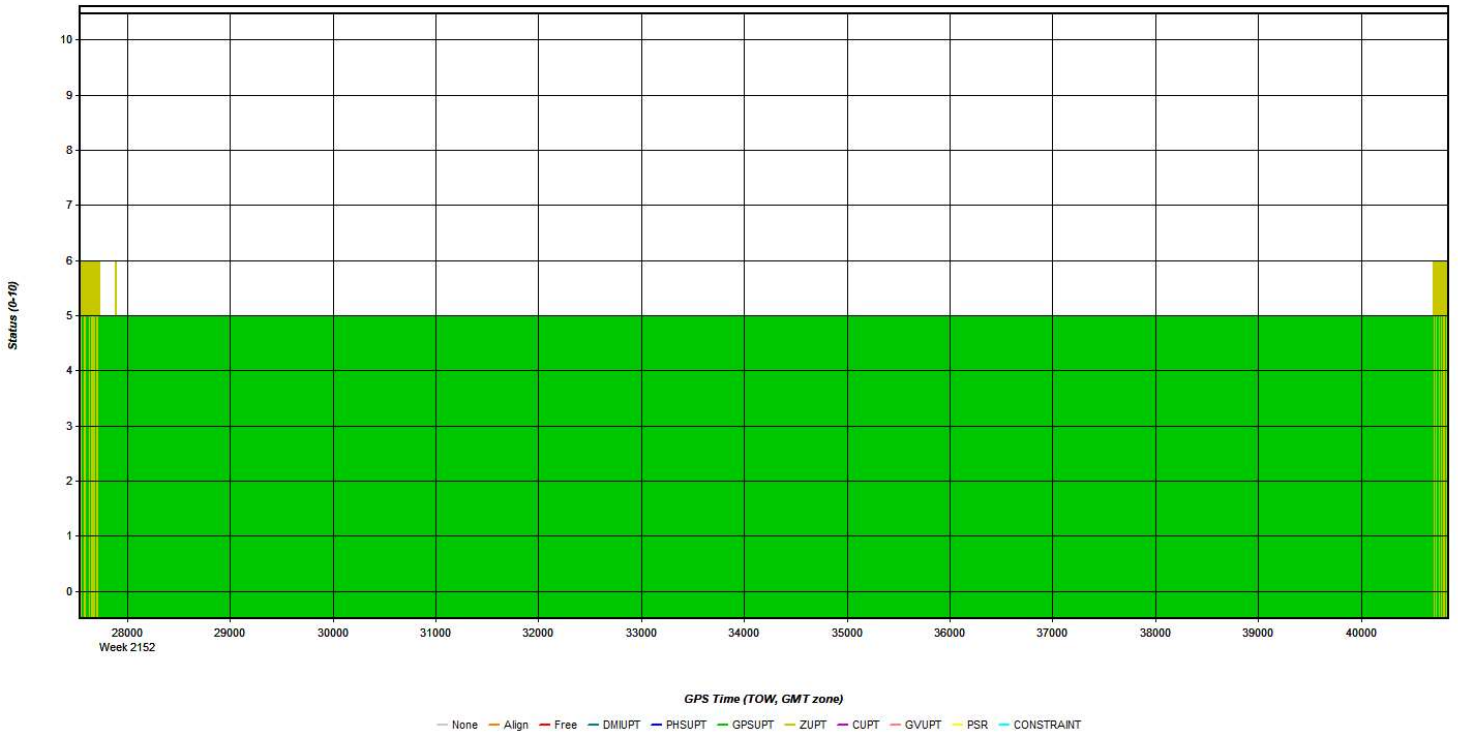
Process	20210404_073732_16	by Unknown	on 4/13/2021	at 08:33:37
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Figure 7: 20210404_073732_16 [Smoothed TC Combined] - Number of Satellites Line Plot



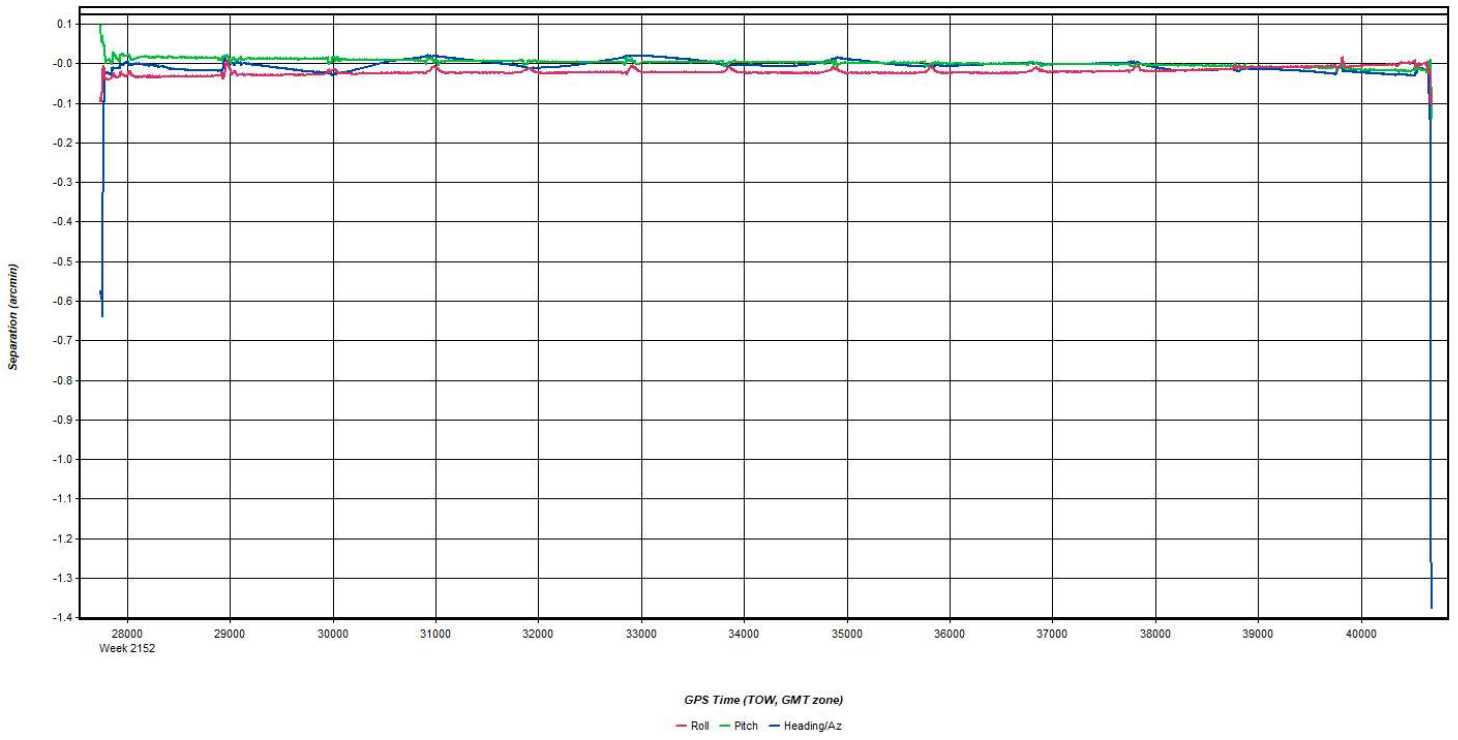
Process	20210404_073732_16	by Unknown	on 4/13/2021	at 08:33:37
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Figure 8: 20210404_073732_16 [Smoothed TC Combined] - Status flag for IMU processing



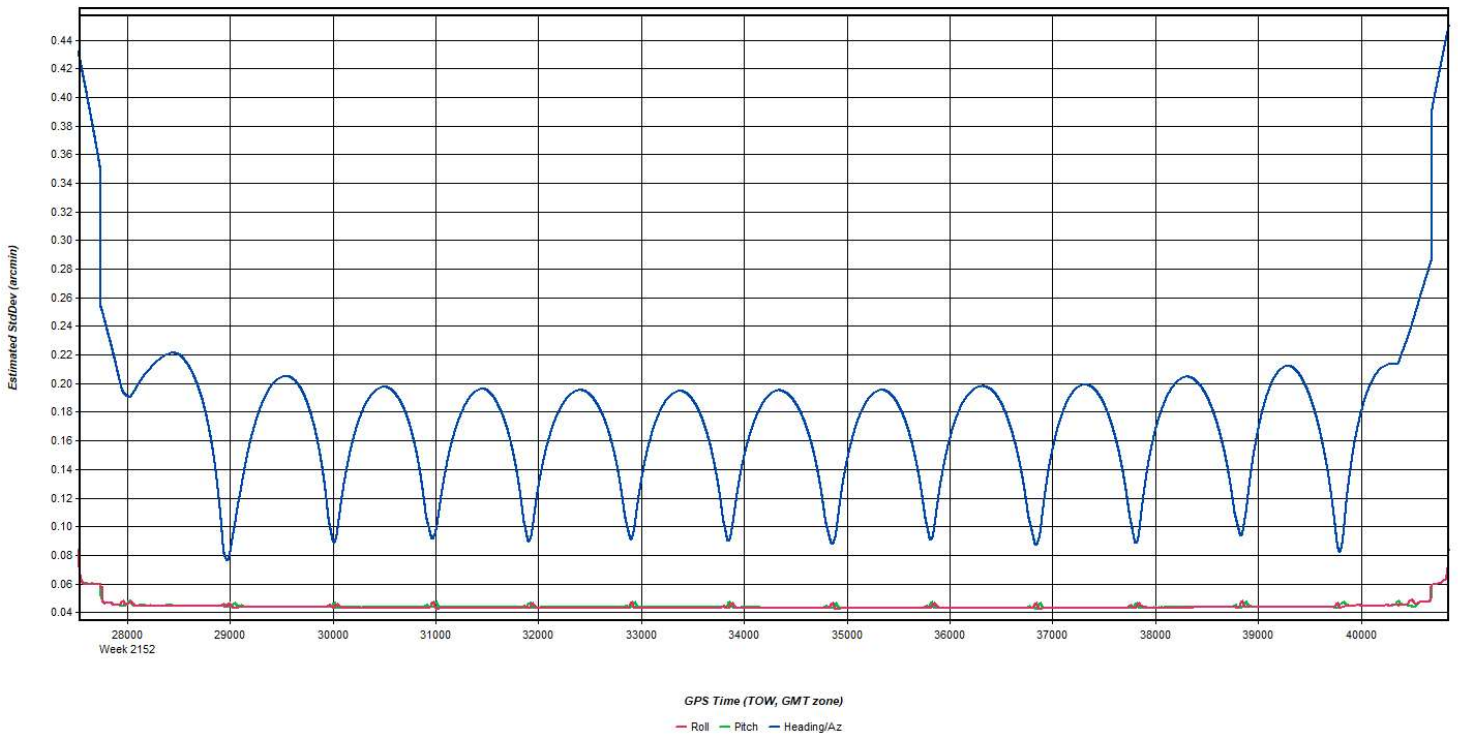
Process	20210404_073732_16	by Unknown	on 4/13/2021	at 08:33:37
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Figure 9: 20210404_073732_16 [Smoothed TC Combined] - Fwd/Rev Attitude Separation Plot



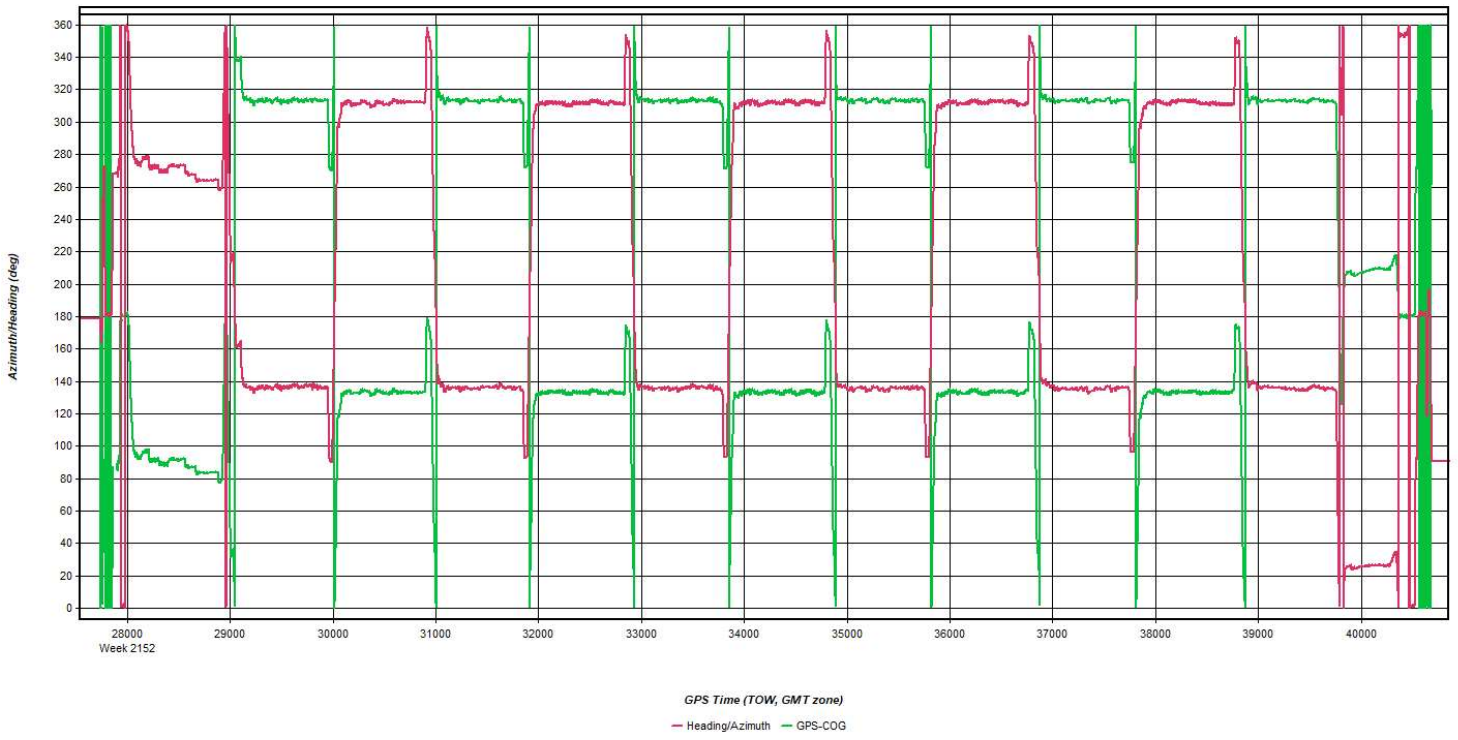
Process	20210404_073732_16	by Unknown	on 4/13/2021	at 08:33:37
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Figure 10: 20210404_073732_16 [Smoothed TC Combined] - Estimated Attitude Accuracy Plot



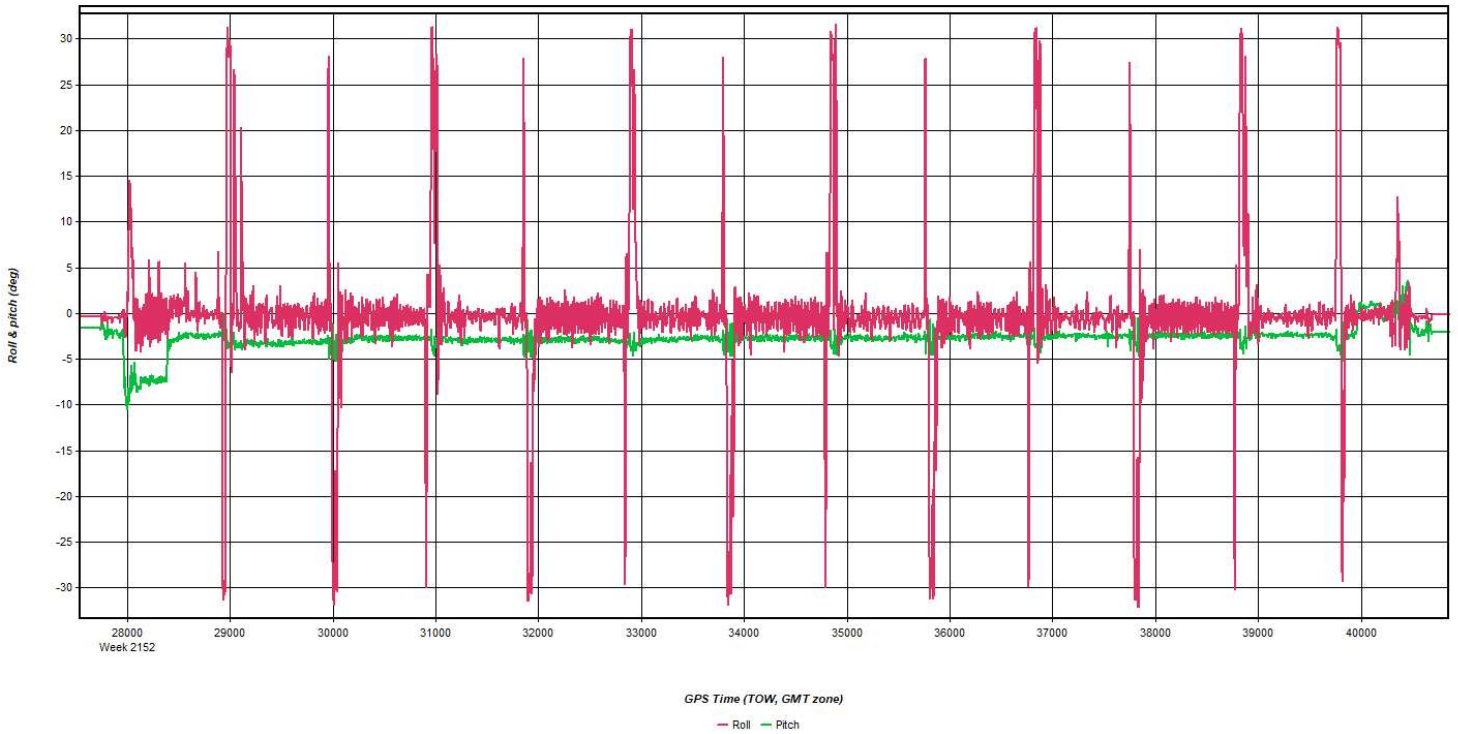
Process	20210404_073732_16	by Unknown	on 4/13/2021	at 08:33:37
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Figure 11: 20210404_073732_16 [Smoothed TC Combined] - Azimuth Plot



Process	20210404_073732_16	by Unknown	on 4/13/2021	at 08:33:37
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Figure 12: 20210404_073732_16 [Smoothed TC Combined] - Roll & Pitch Plot



Process	20210404_073732_16	by Unknown	on 4/13/2021	at 08:33:37
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Figure 13: 20210404_073732_16 [Smoothed TC Combined] - Velocity Profile Plot

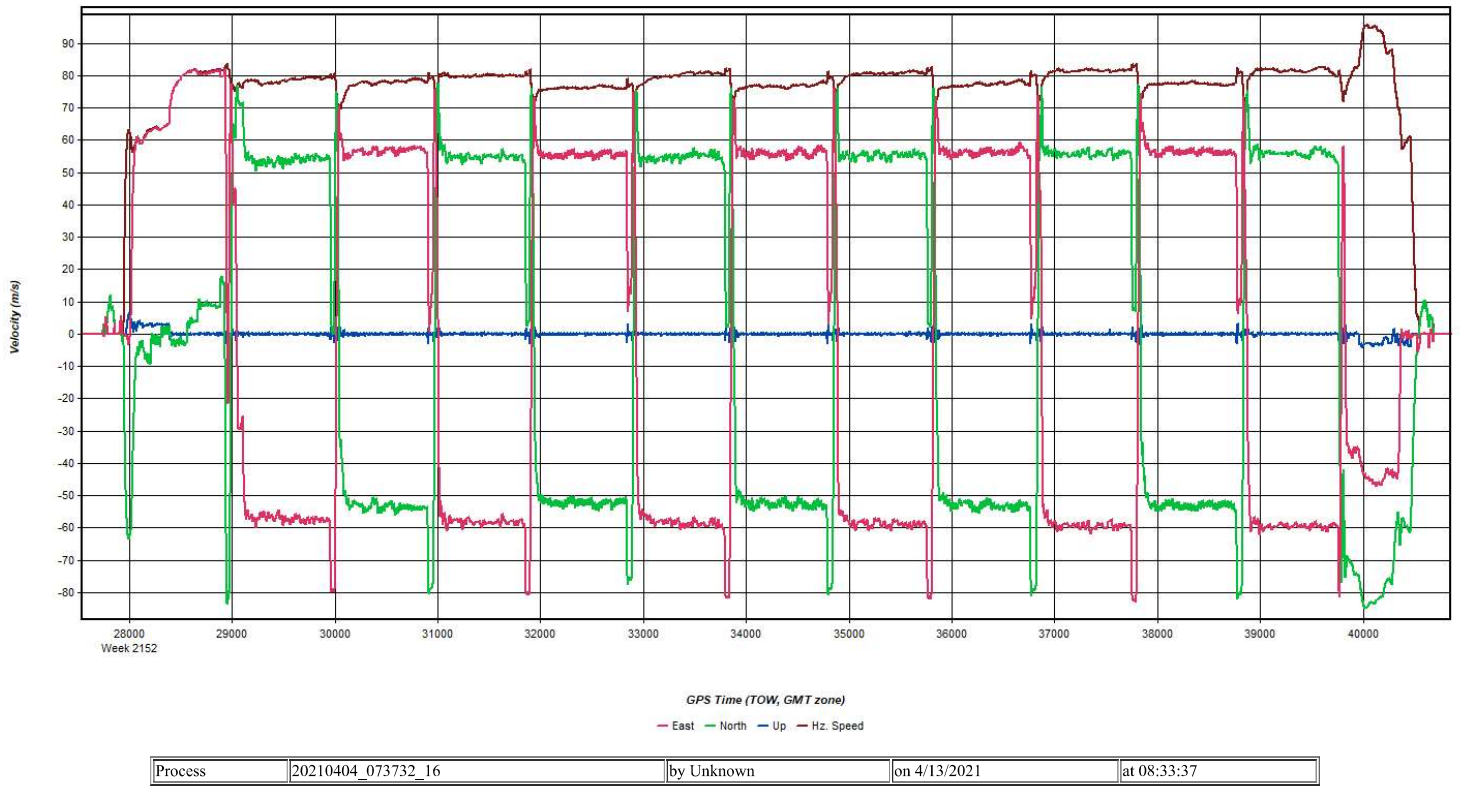


Figure 14: 20210404_073732_16 [Smoothed TC Combined] - Body Frame Velocity Plot

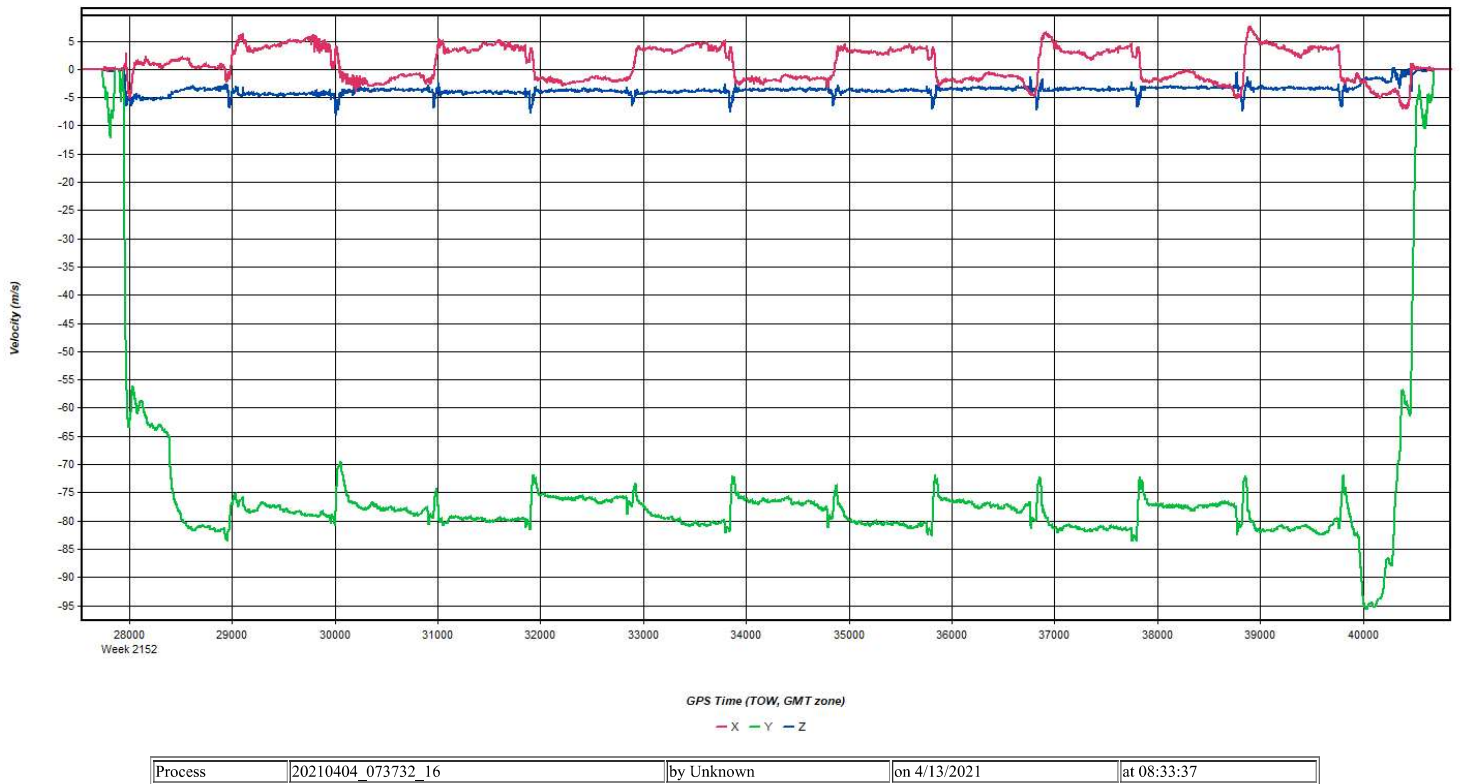
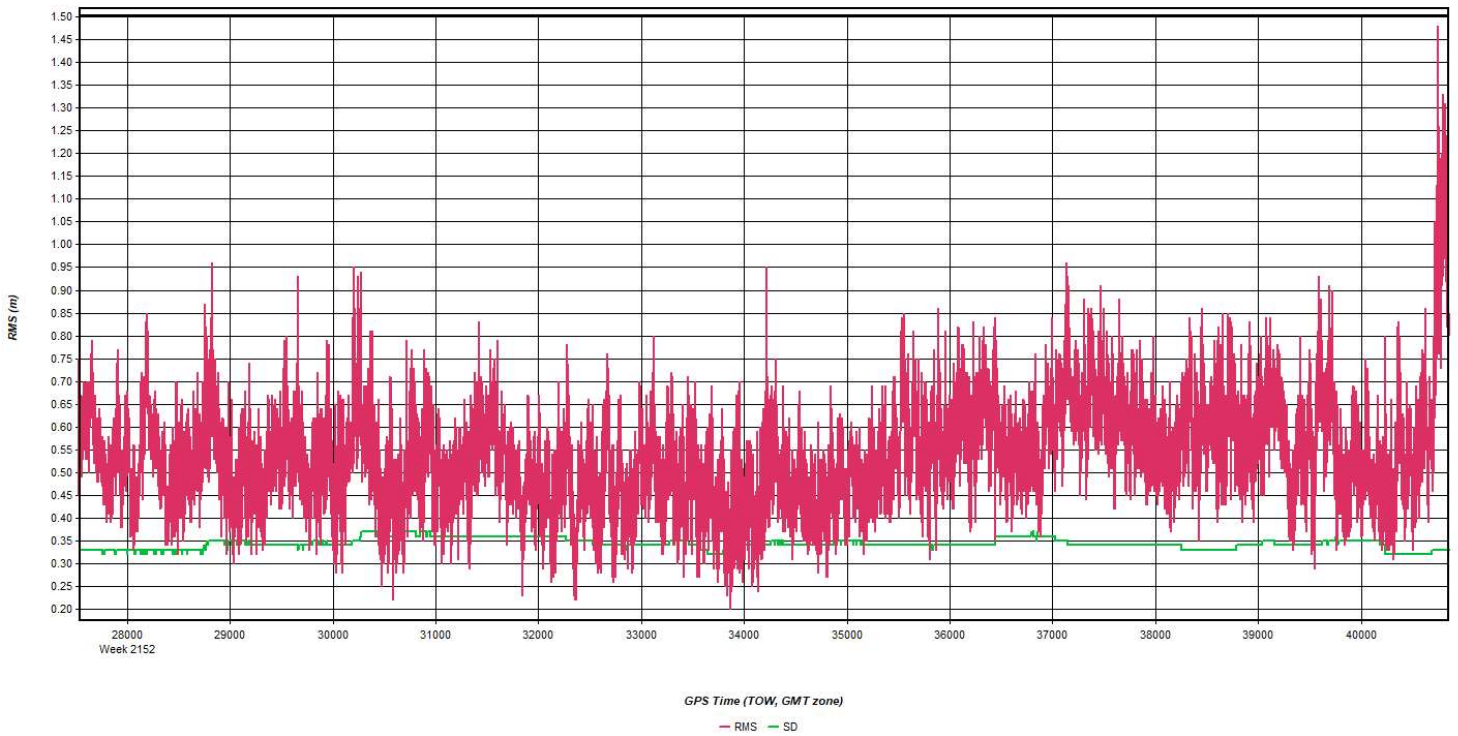


Figure 15: 20210404_073732_16 [Smoothed TC Combined] - Height Profile Plot



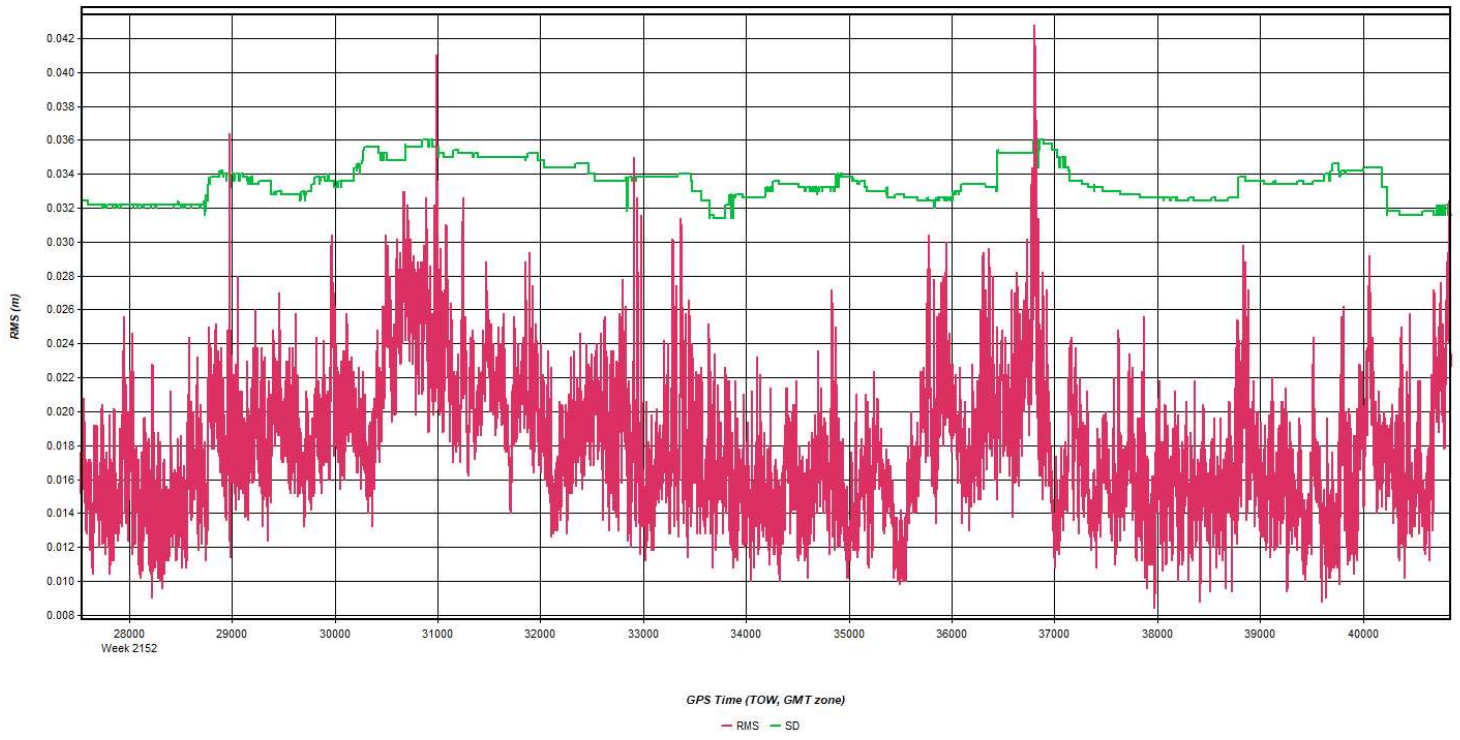
Process	20210404_073732_16	by Unknown	on 4/13/2021	at 08:33:37
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Figure 16: 20210404_073732_16 [Smoothed TC Combined] - C/A Code Residual RMS Plot



Process	20210404_073732_16	by Unknown	on 4/13/2021	at 08:33:37
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Figure 17: 20210404_073732_16 [Smoothed TC Combined] - Carrier Residual RMS Plot



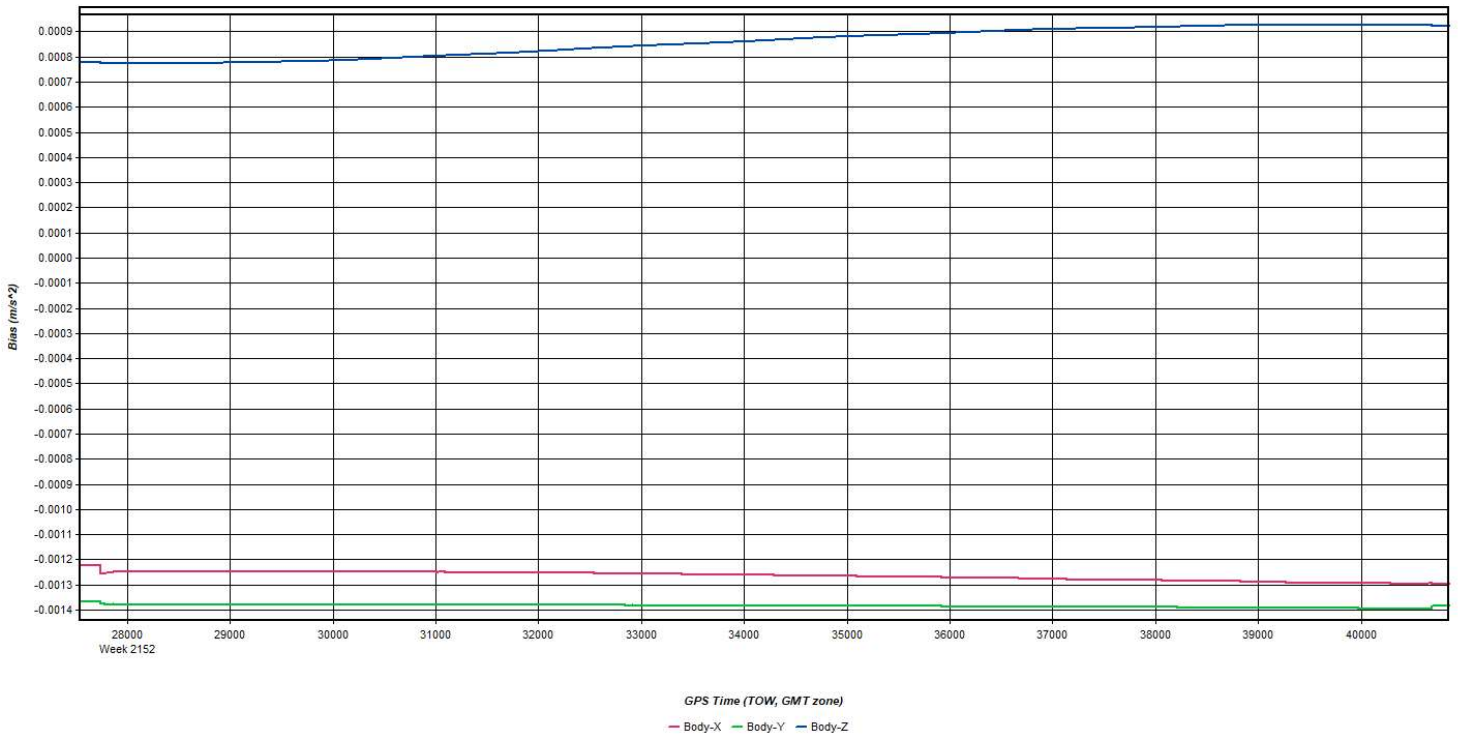
Process	20210404_073732_16	by Unknown	on 4/13/2021	at 08:33:37
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Figure 18: 20210404_073732_16 [Smoothed TC Combined] - L1 Doppler Residual RMS Plot



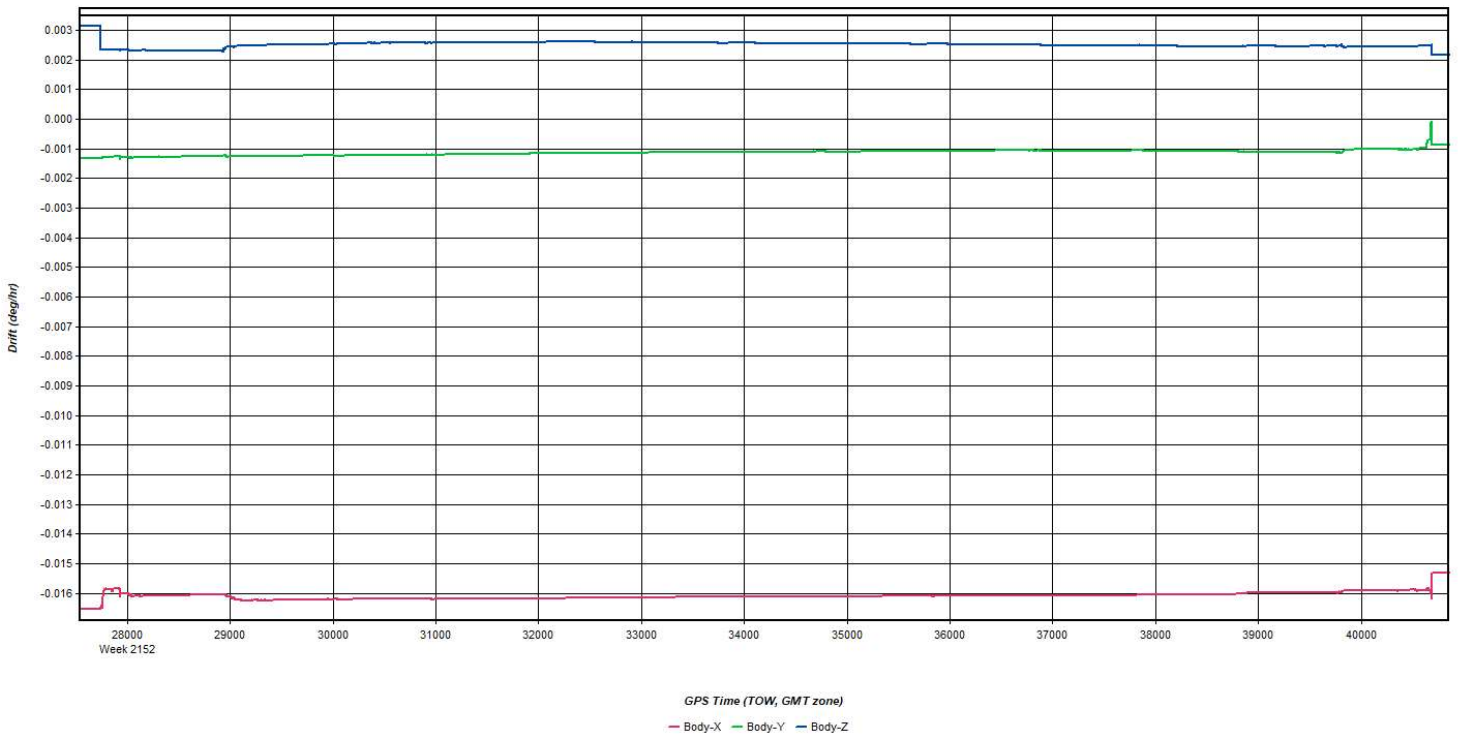
Process	20210404_073732_16	by Unknown	on 4/13/2021	at 08:33:37
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Figure 19: 20210404_073732_16 [Smoothed TC Combined] - Accelerometer Bias Plot



Process	20210404_073732_16	by Unknown	on 4/13/2021	at 08:33:37
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Figure 20: 20210404_073732_16 [Smoothed TC Combined] - Gyro Drift Plot

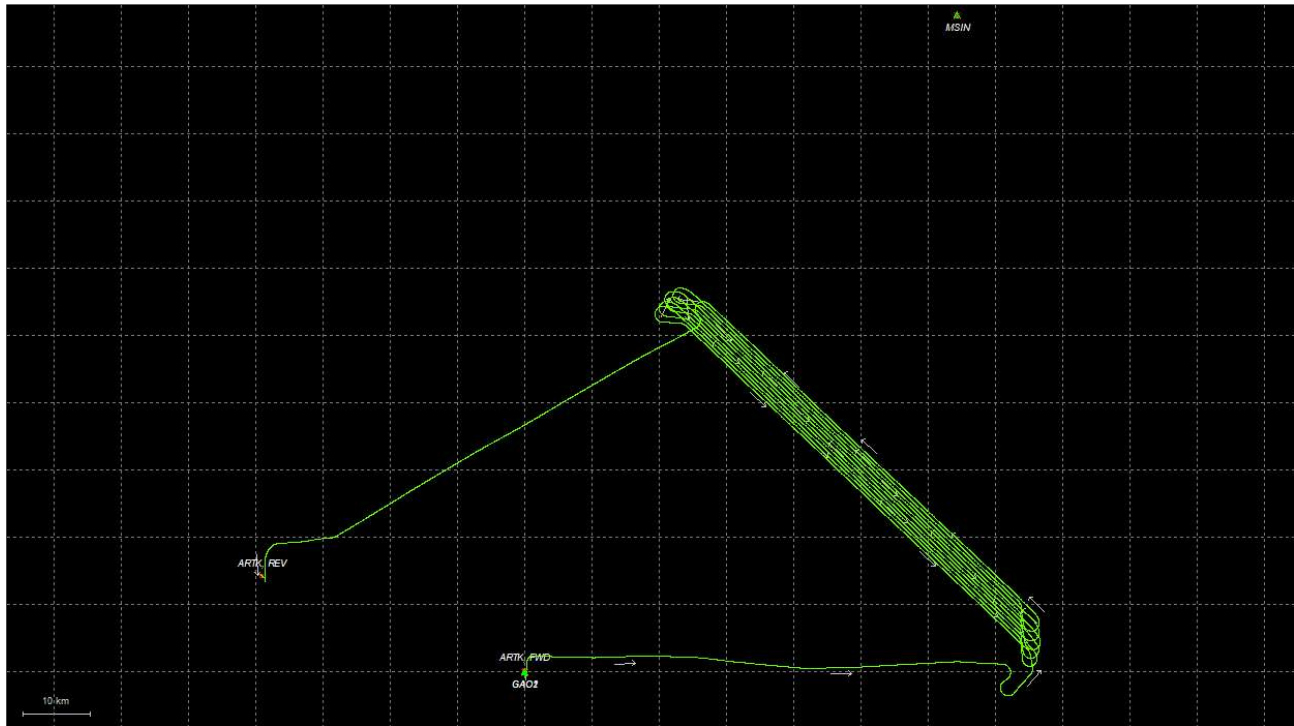


Process	20210404_073732_16	by Unknown	on 4/13/2021	at 08:33:37
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Output Results for 20210405_122718_17

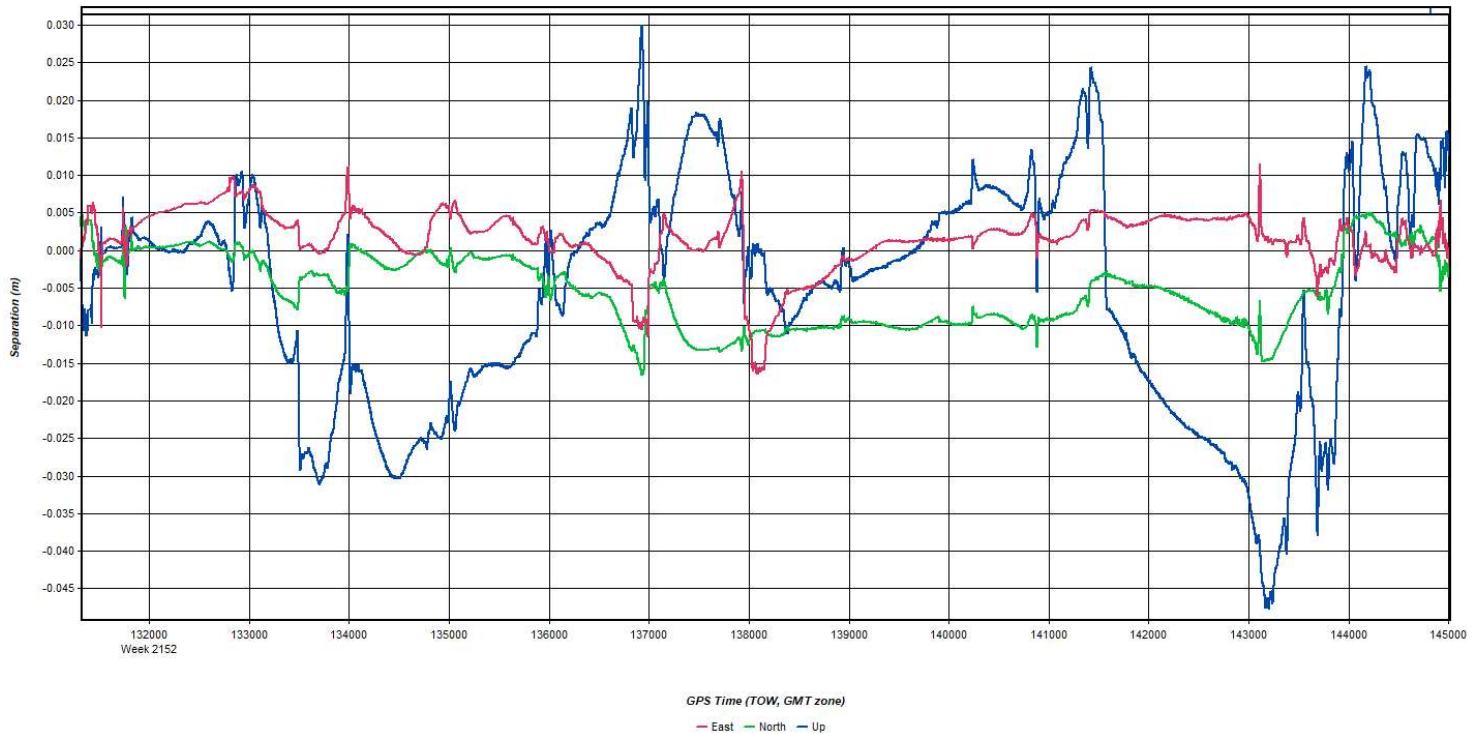
Inertial Explorer Version 8.90.2124
04/13/2021

Figure 1: Smoothed TC Combined - Map



Process	20210405_122718_17	by Unknown	on 4/13/2021	at 13:04:51
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Figure 2: 20210405_122718_17 [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot



Process	20210405_122718_17	by Unknown	on 4/13/2021	at 13:04:51
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Figure 3: 20210405_122718_17 [Smoothed TC Combined] - Float or Fixed Ambiguity

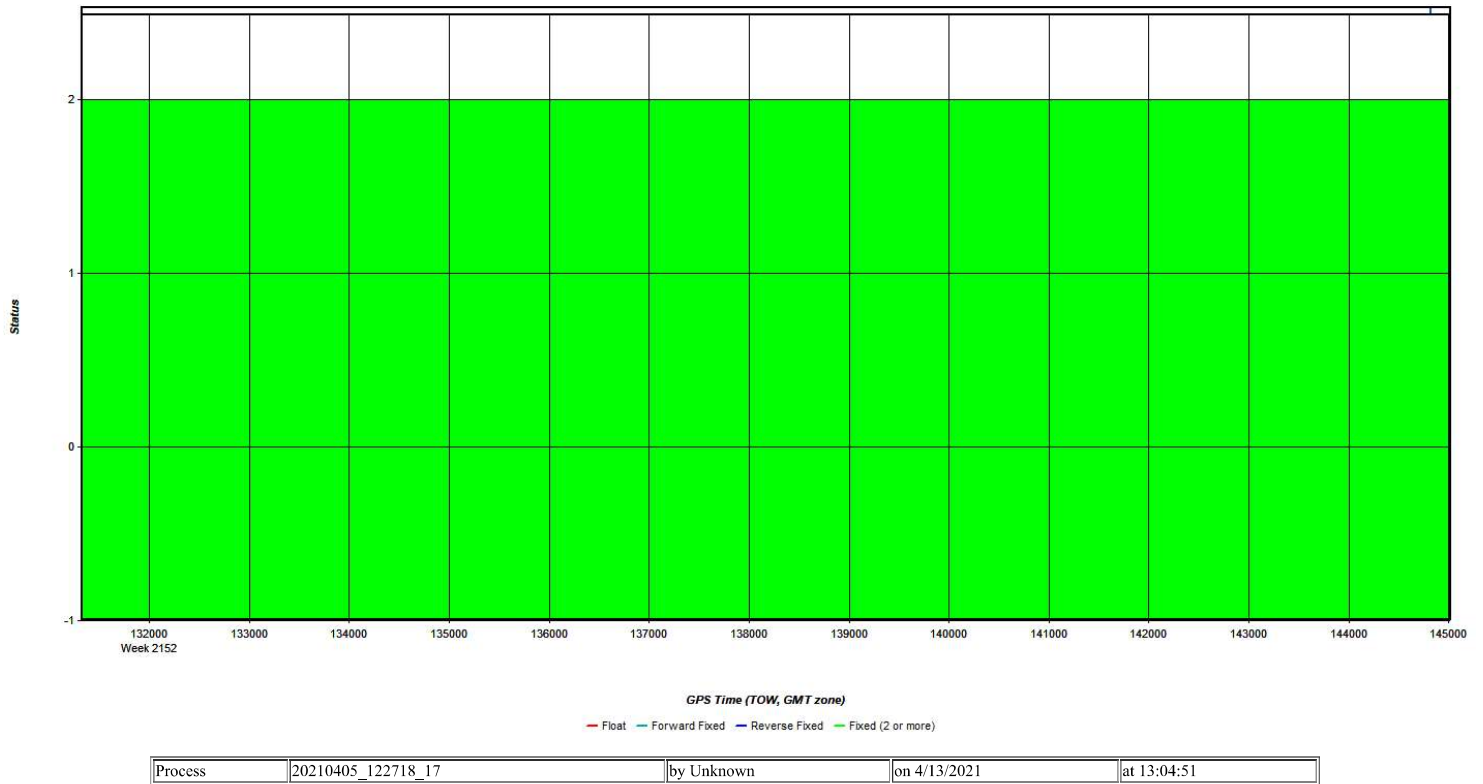


Figure 4: 20210405_122718_17 [Smoothed TC Combined] - Forward/Reverse Separation Plot (Fixed)

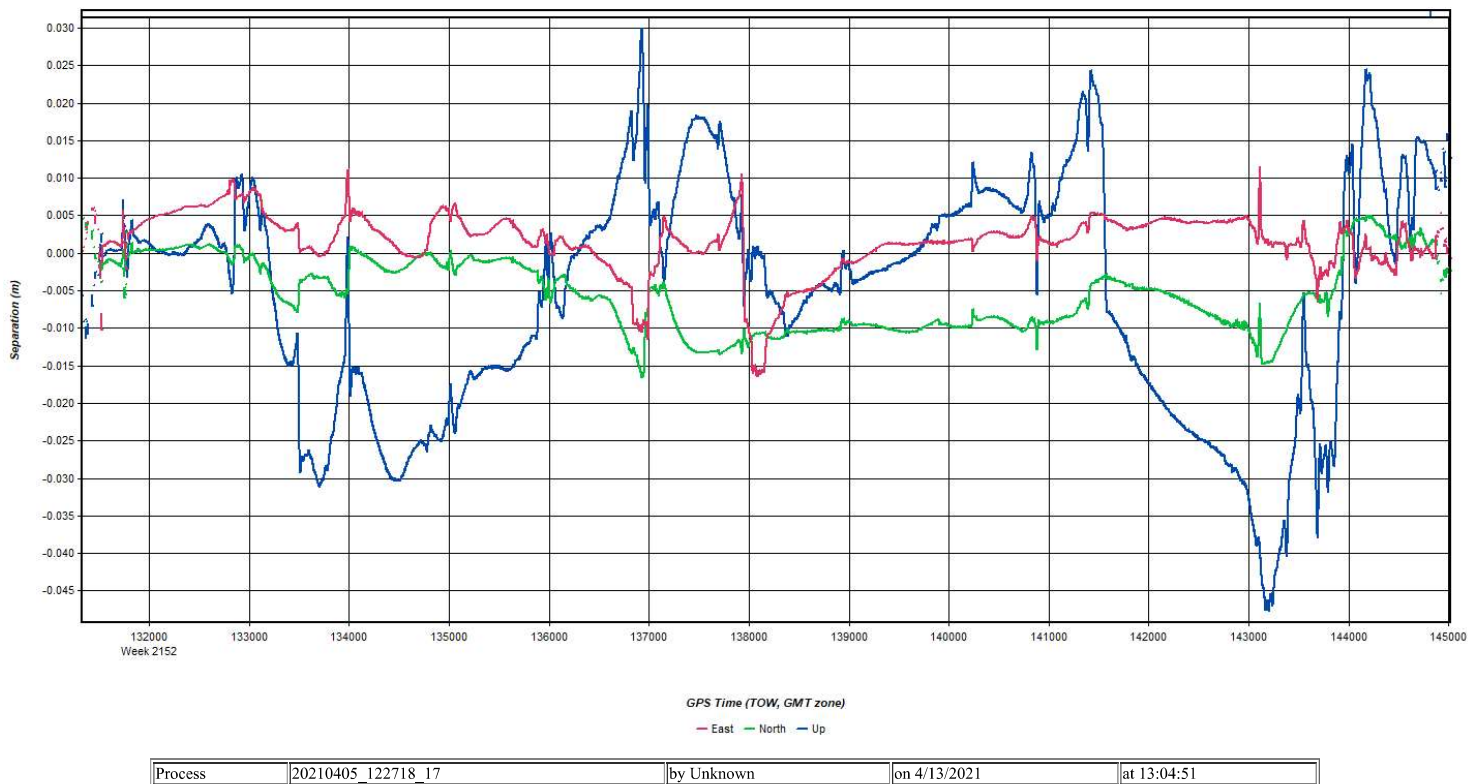
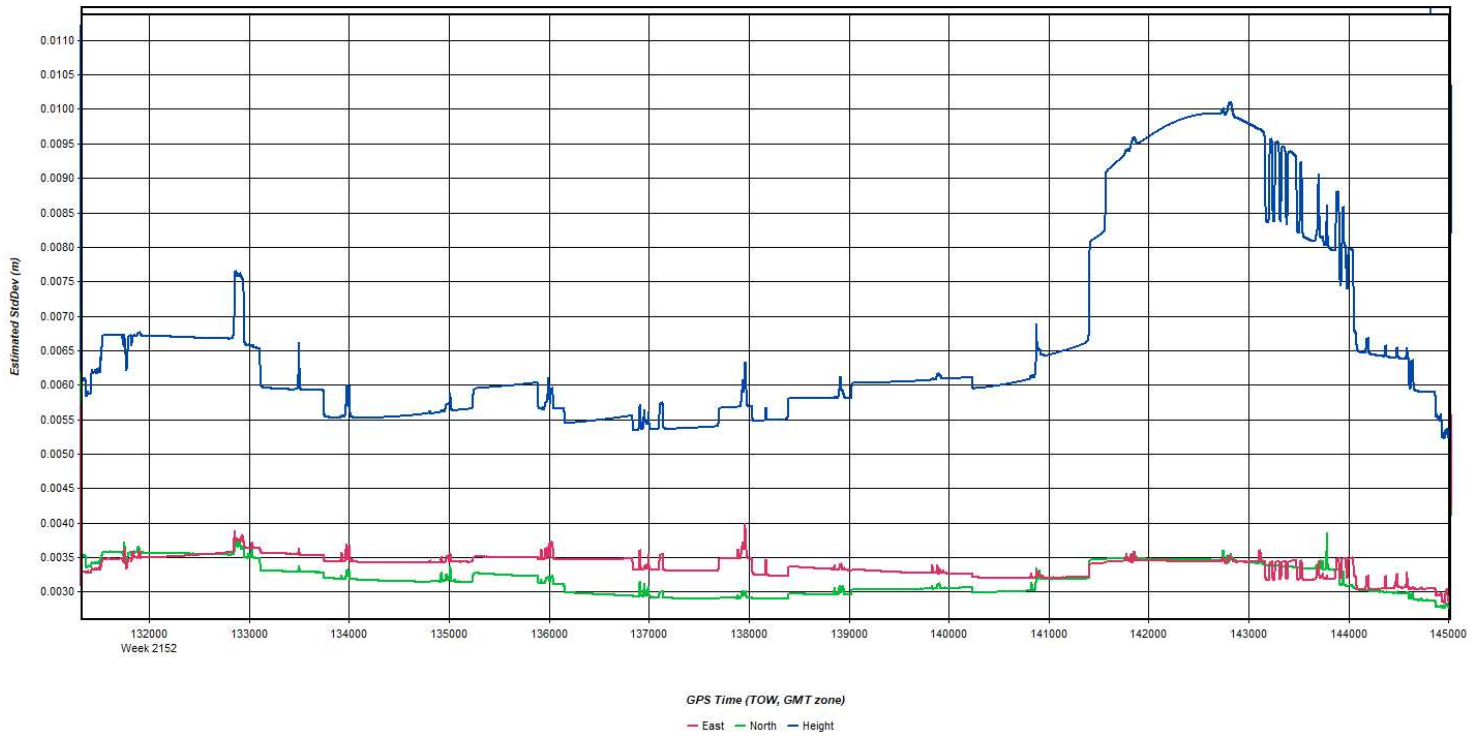
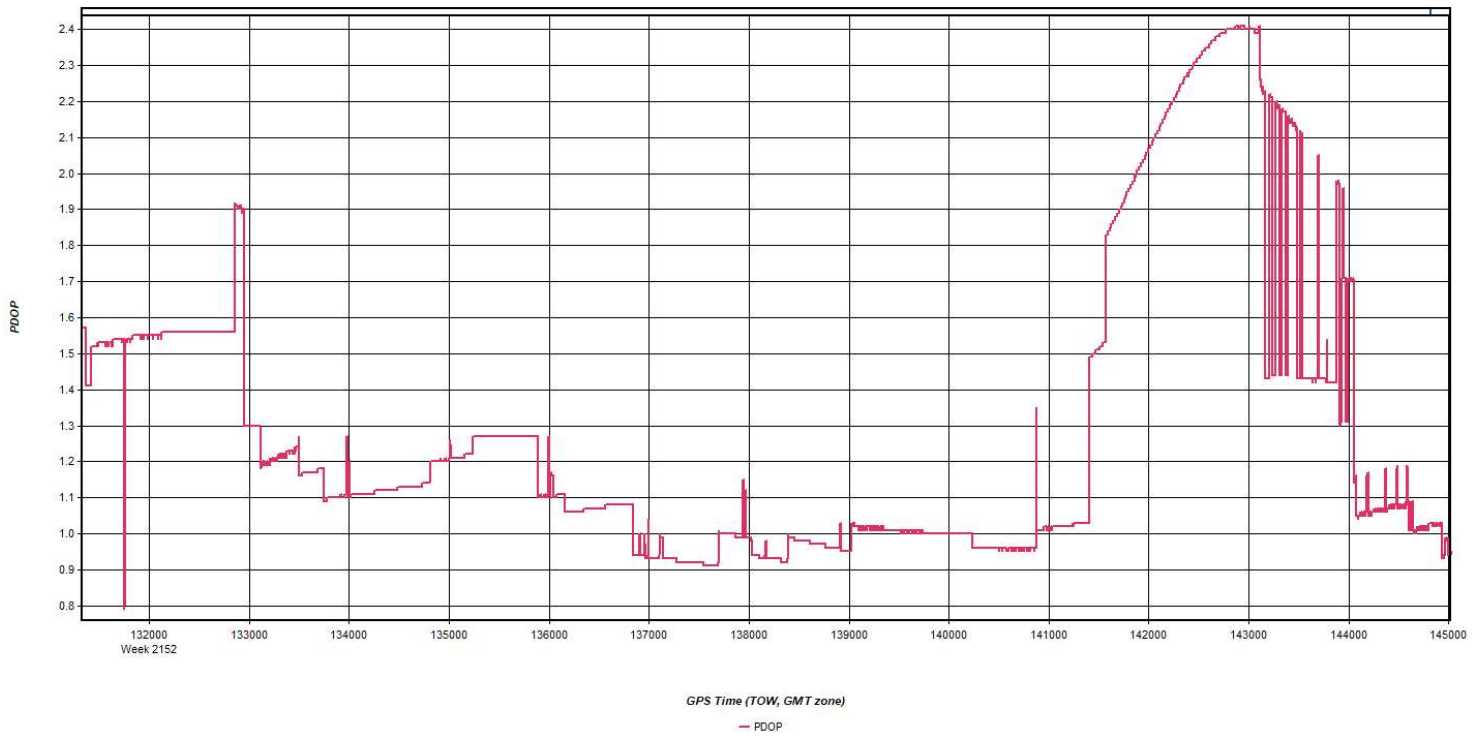


Figure 5: 20210405_122718_17 [Smoothed TC Combined] - Estimated Position Accuracy Plot



Process	20210405_122718_17	by Unknown	on 4/13/2021	at 13:04:51
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Figure 6: 20210405_122718_17 [Smoothed TC Combined] - PDOP Plot



Process	20210405_122718_17	by Unknown	on 4/13/2021	at 13:04:51
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Figure 7: 20210405_122718_17 [Smoothed TC Combined] - Number of Satellites Line Plot

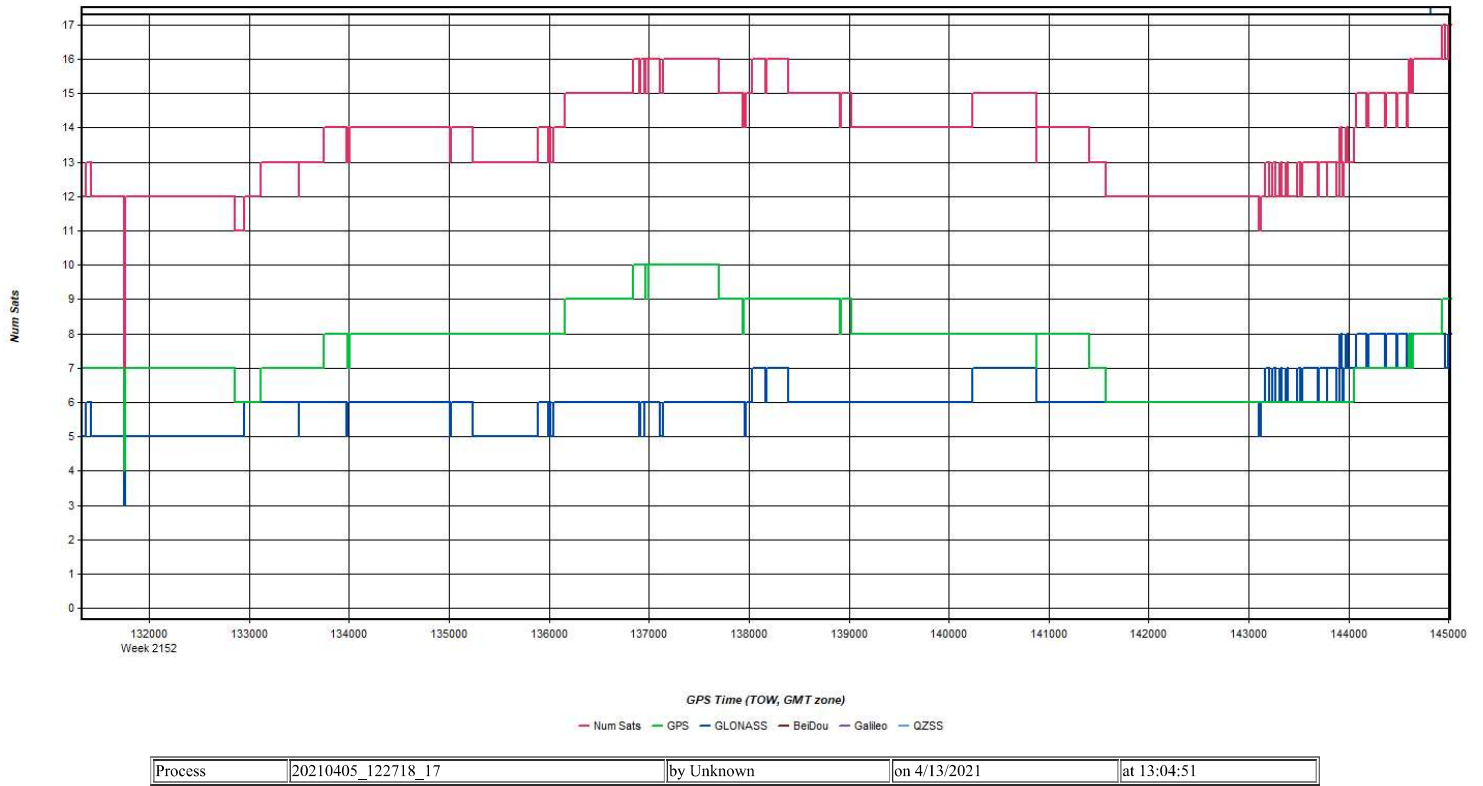


Figure 8: 20210405_122718_17 [Smoothed TC Combined] - Status flag for IMU processing

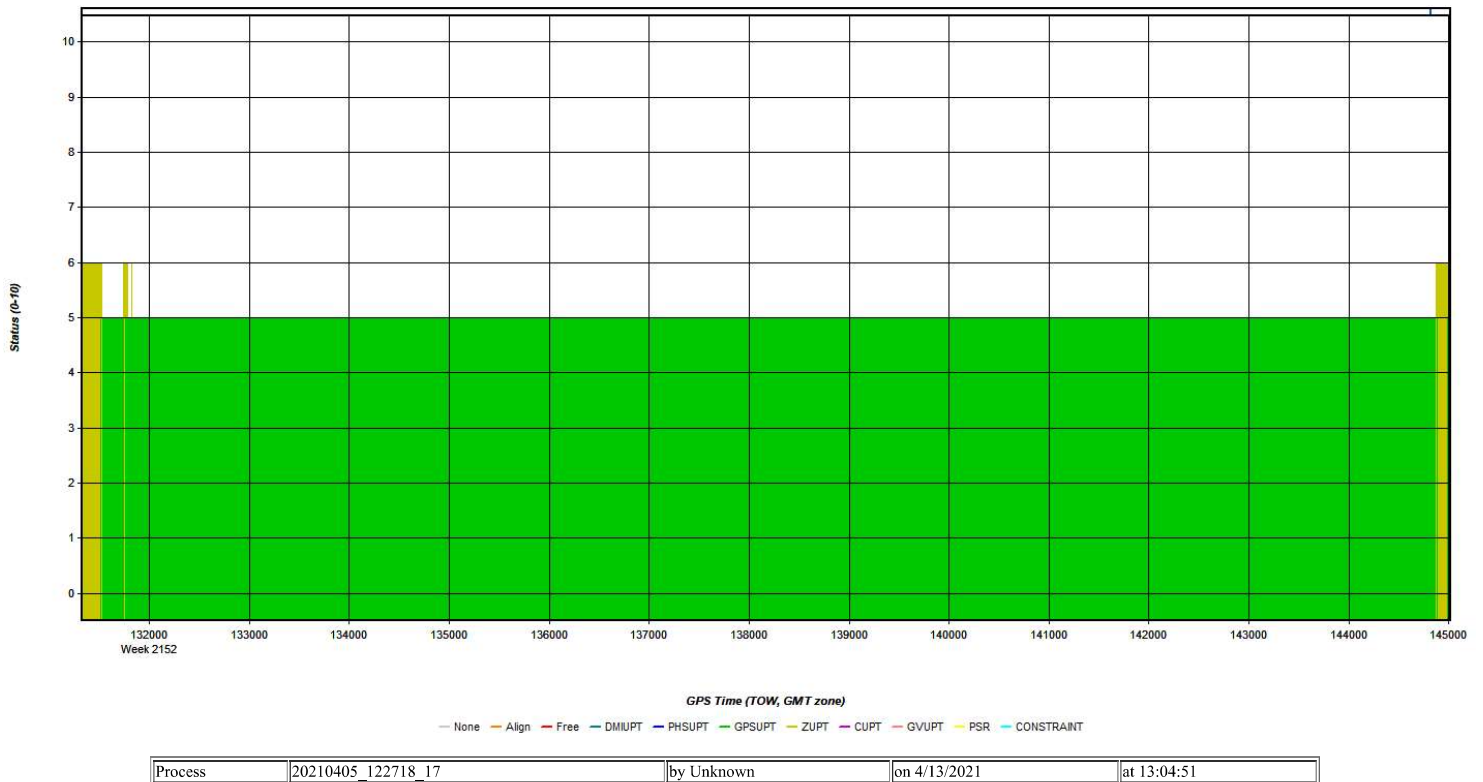
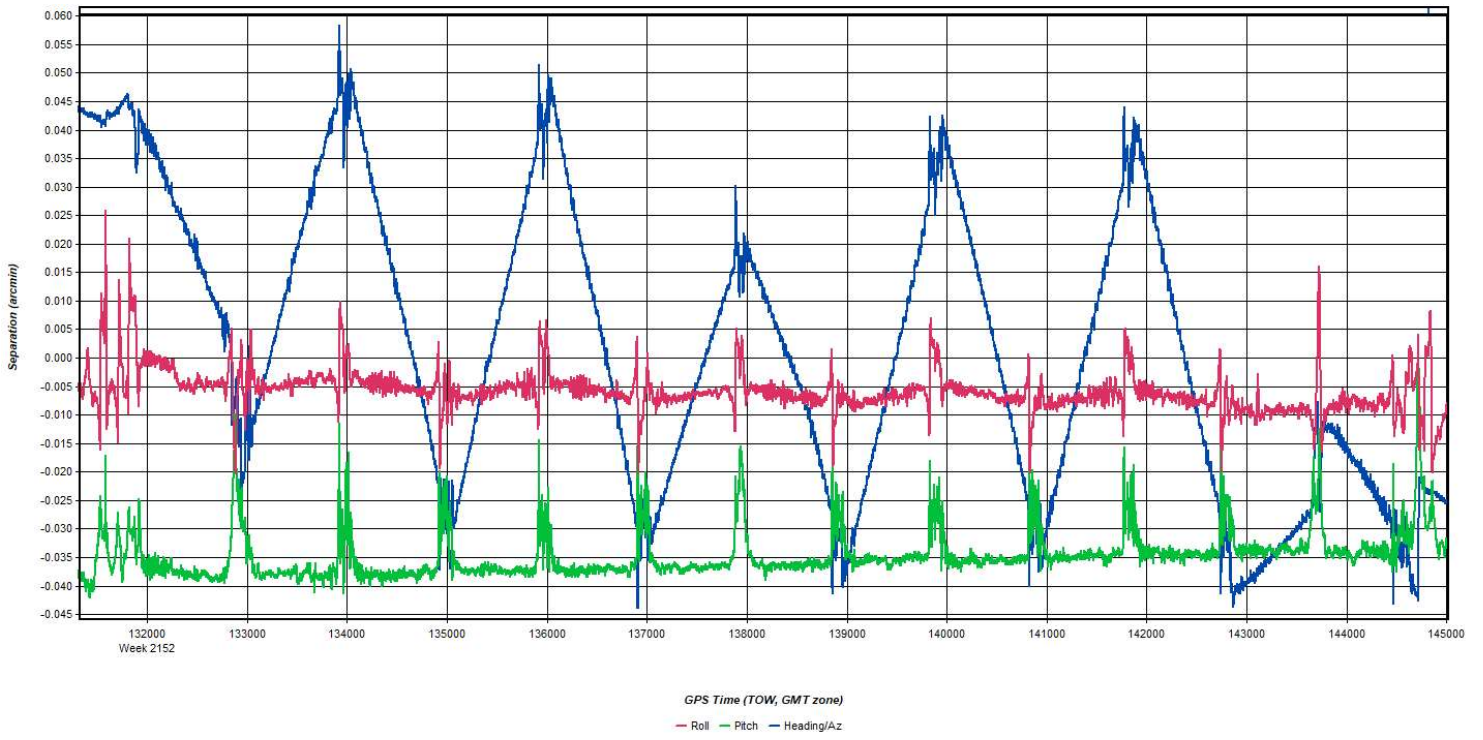
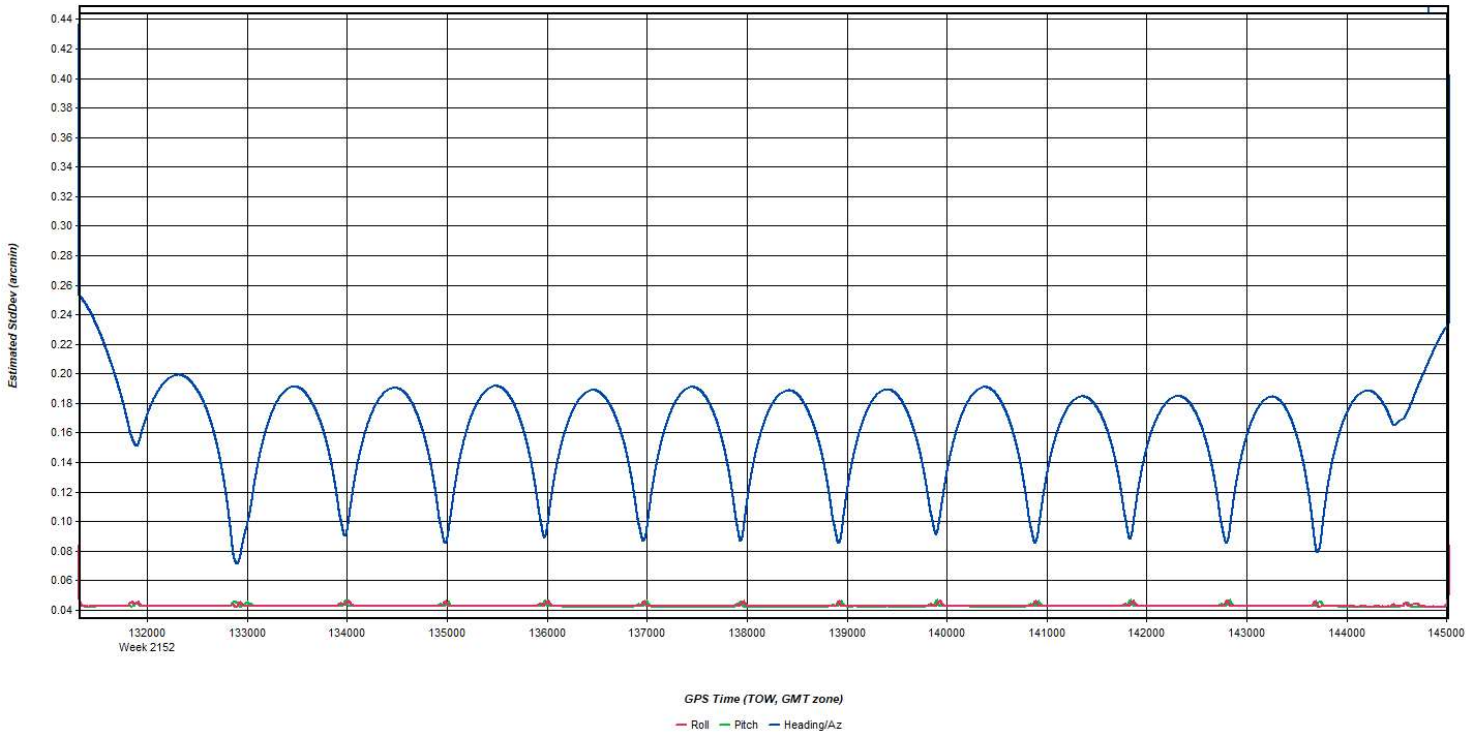


Figure 9: 20210405_122718_17 [Smoothed TC Combined] - Fwd/Rev Attitude Separation Plot



Process	20210405_122718_17	by Unknown	on 4/13/2021	at 13:04:51
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Figure 10: 20210405_122718_17 [Smoothed TC Combined] - Estimated Attitude Accuracy Plot



Process	20210405_122718_17	by Unknown	on 4/13/2021	at 13:04:51
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Figure 11: 20210405_122718_17 [Smoothed TC Combined] - Azimuth Plot

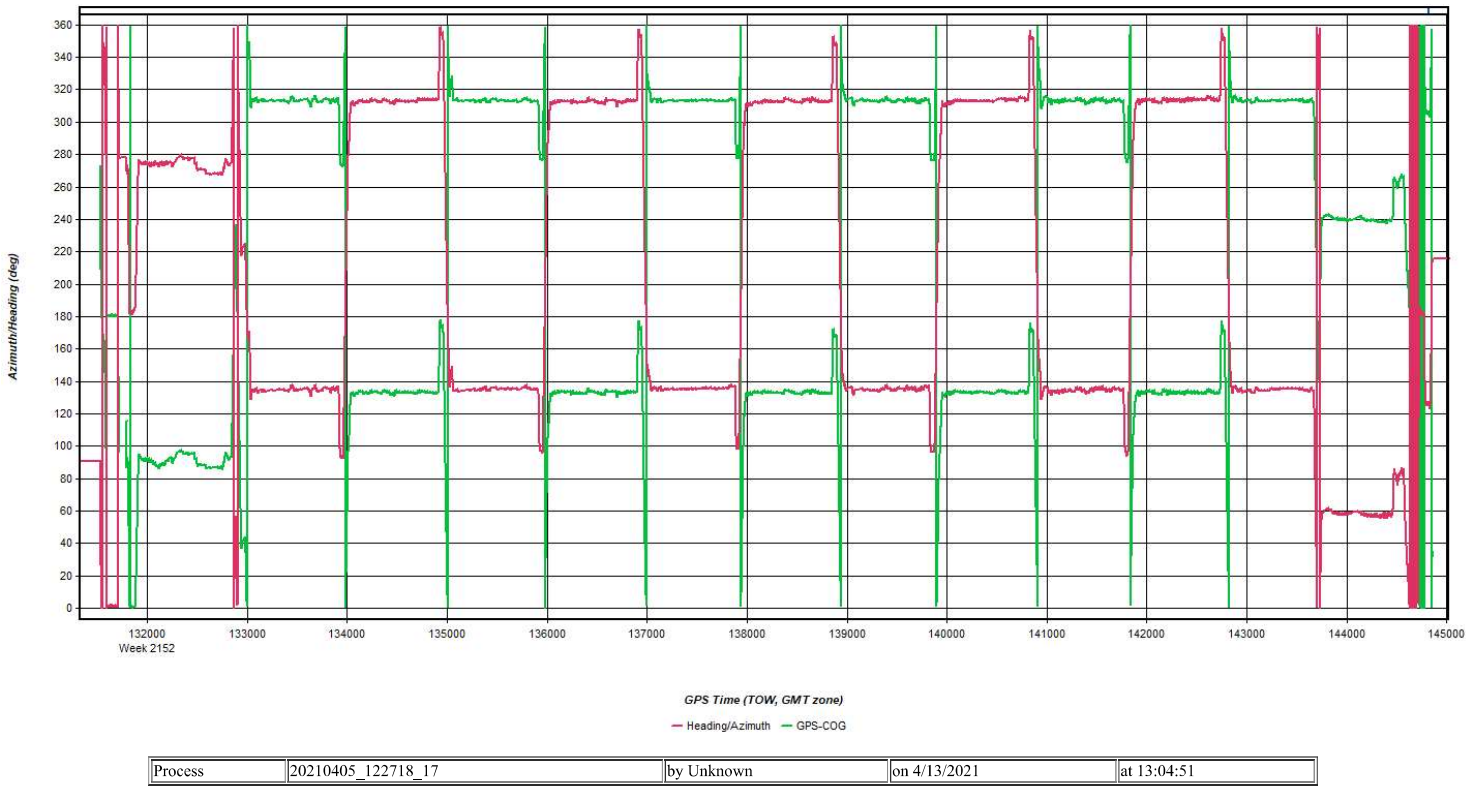


Figure 12: 20210405_122718_17 [Smoothed TC Combined] - Roll & Pitch Plot

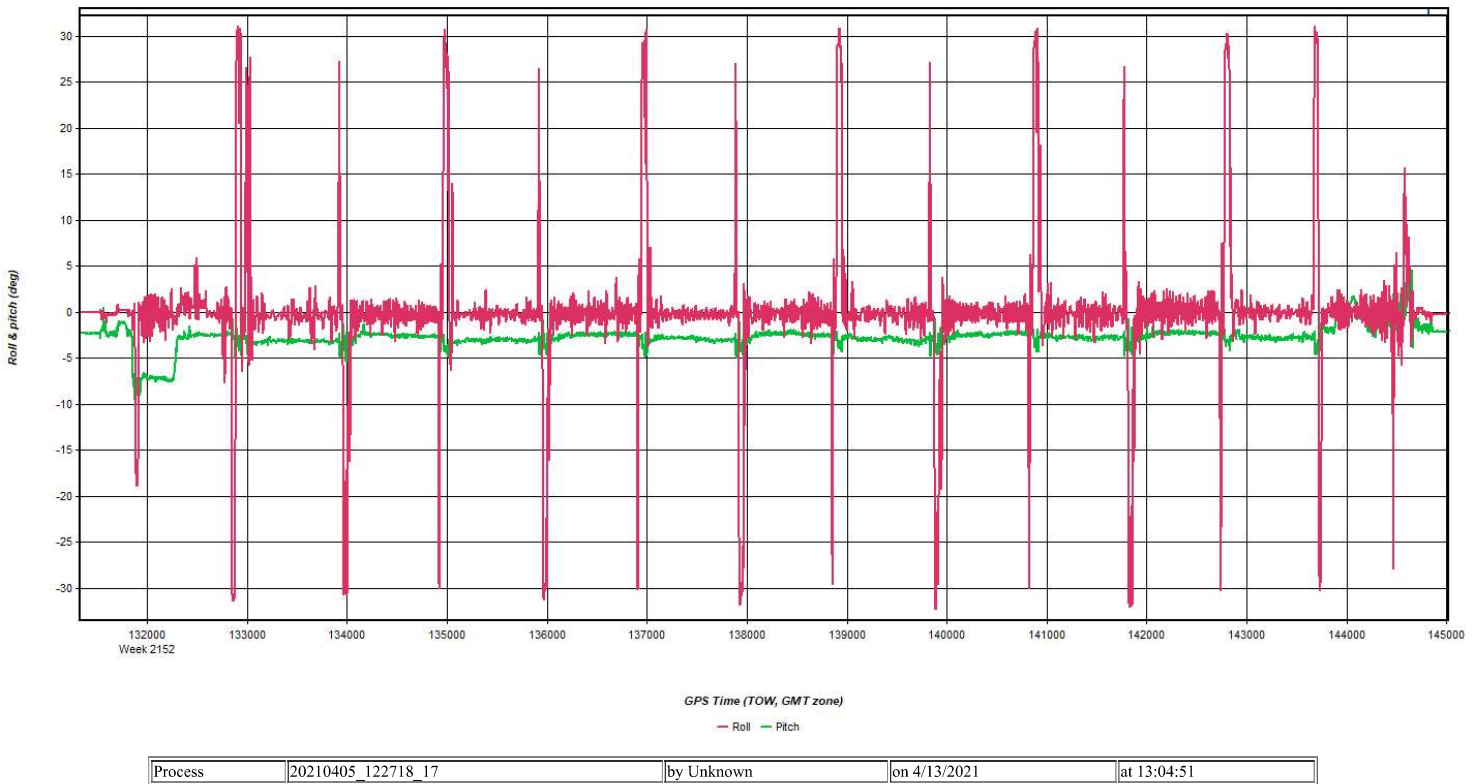


Figure 13: 20210405_122718_17 [Smoothed TC Combined] - Velocity Profile Plot

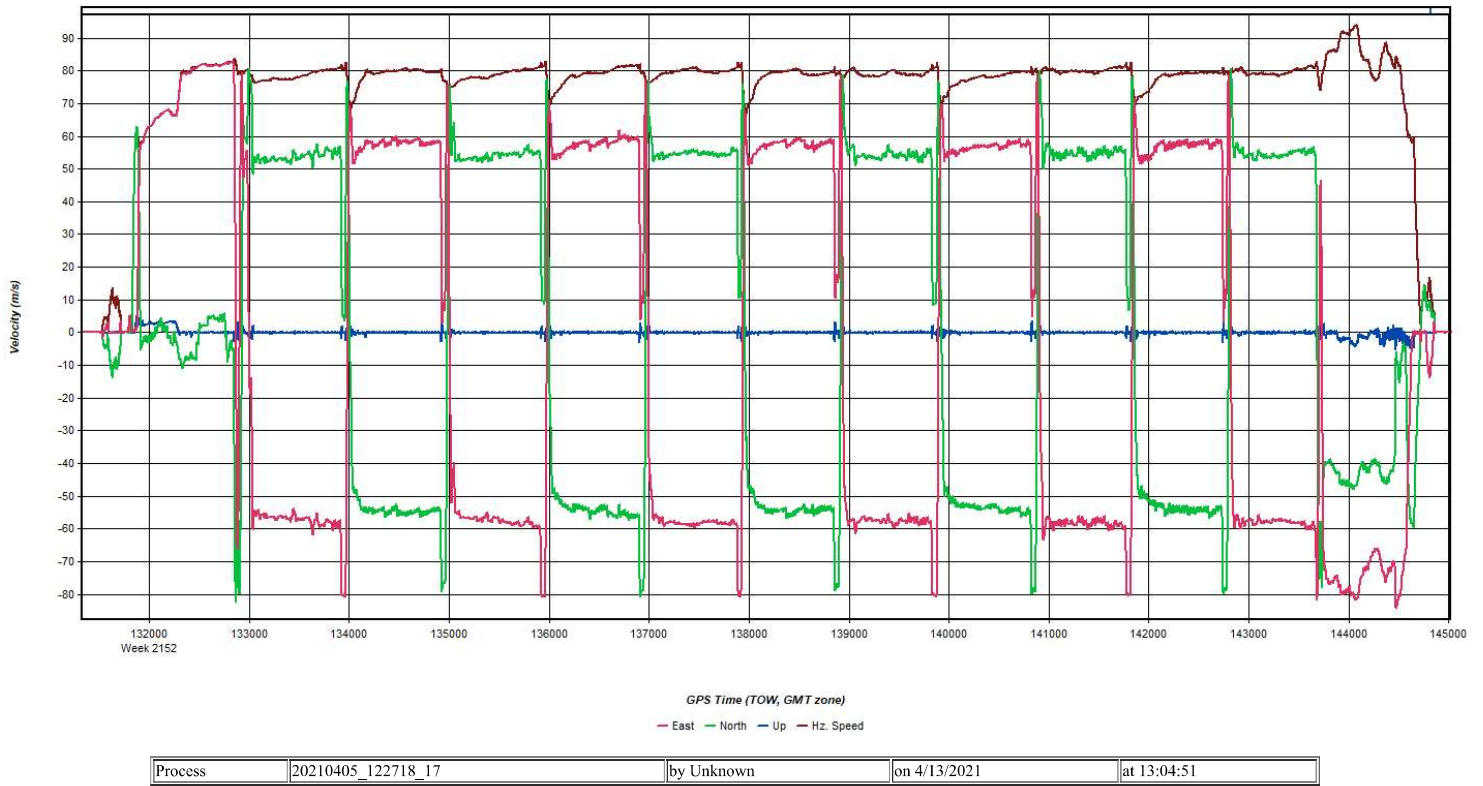


Figure 14: 20210405_122718_17 [Smoothed TC Combined] - Body Frame Velocity Plot

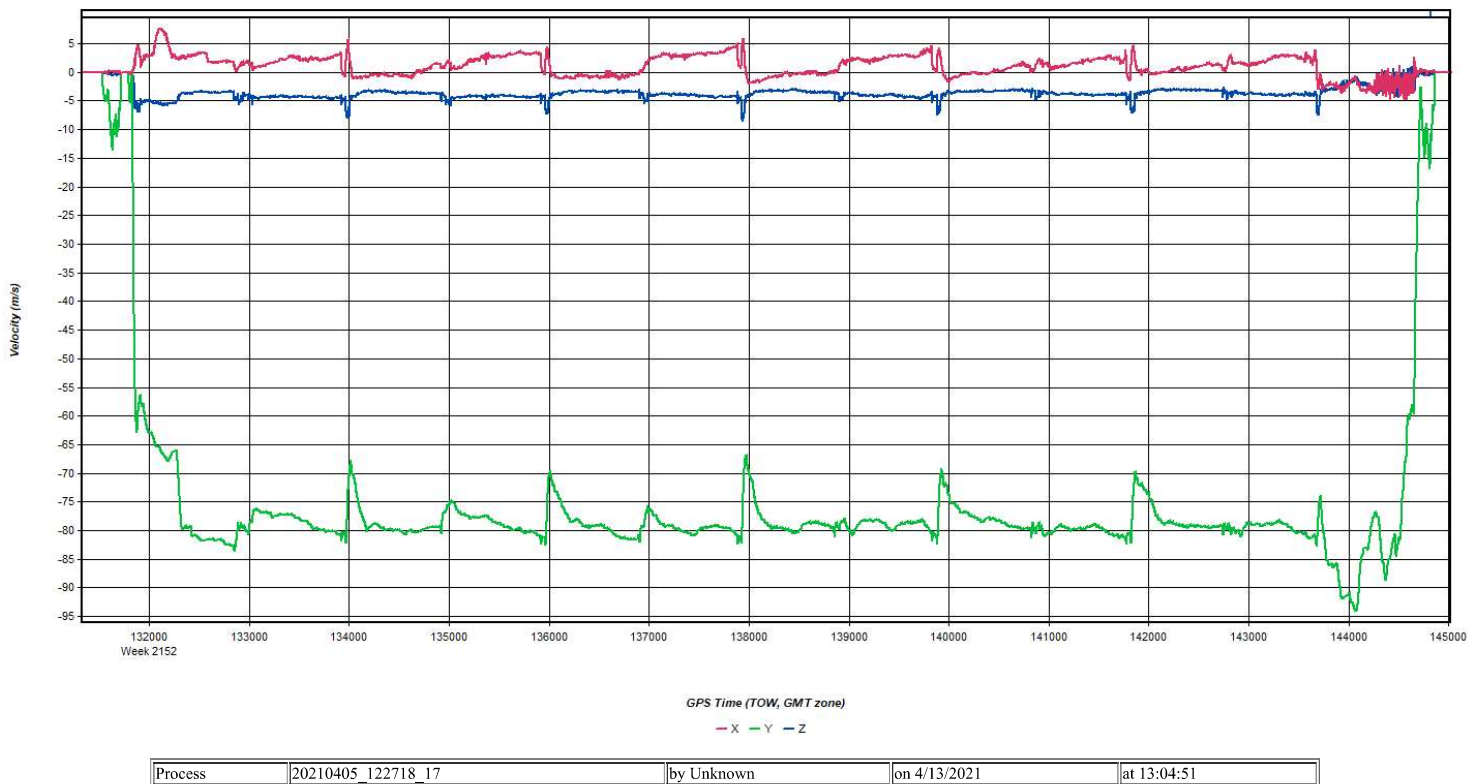
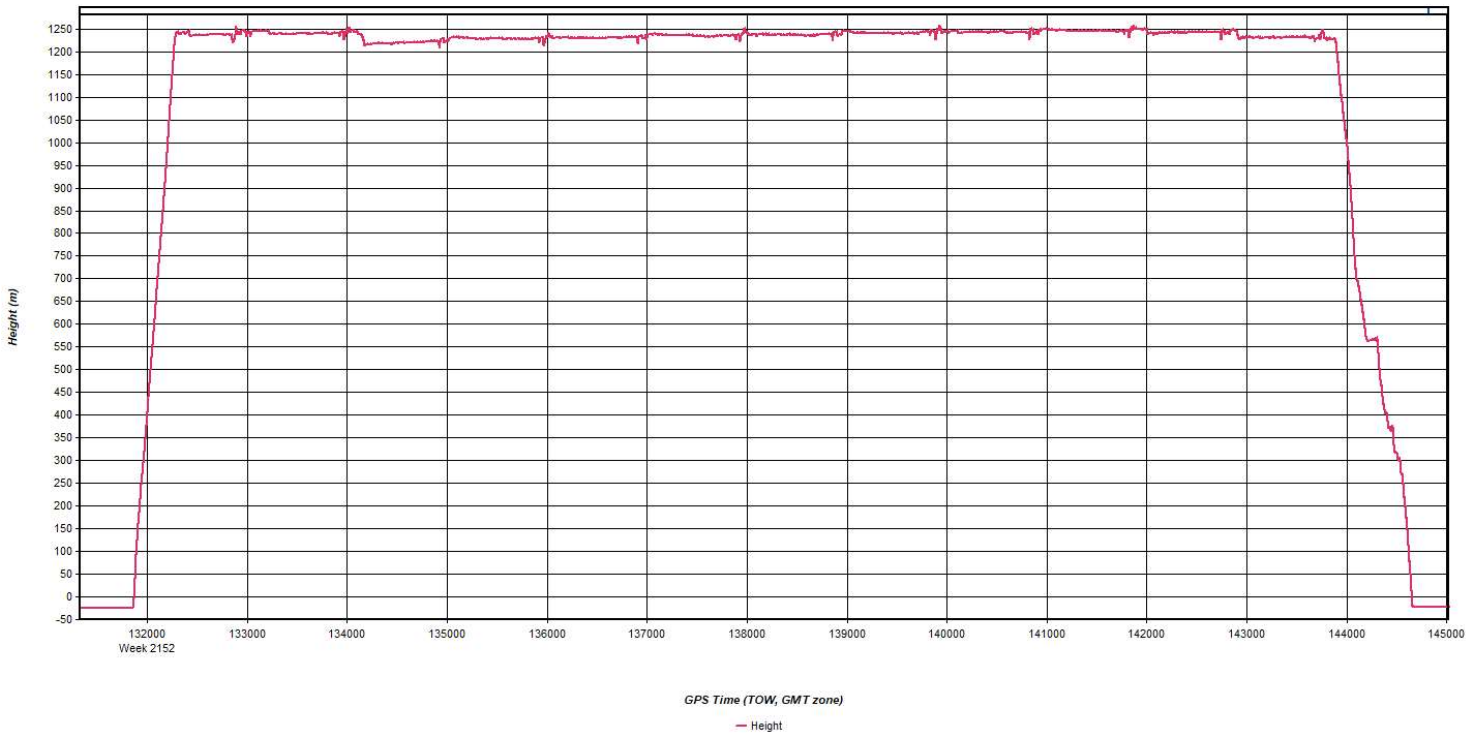
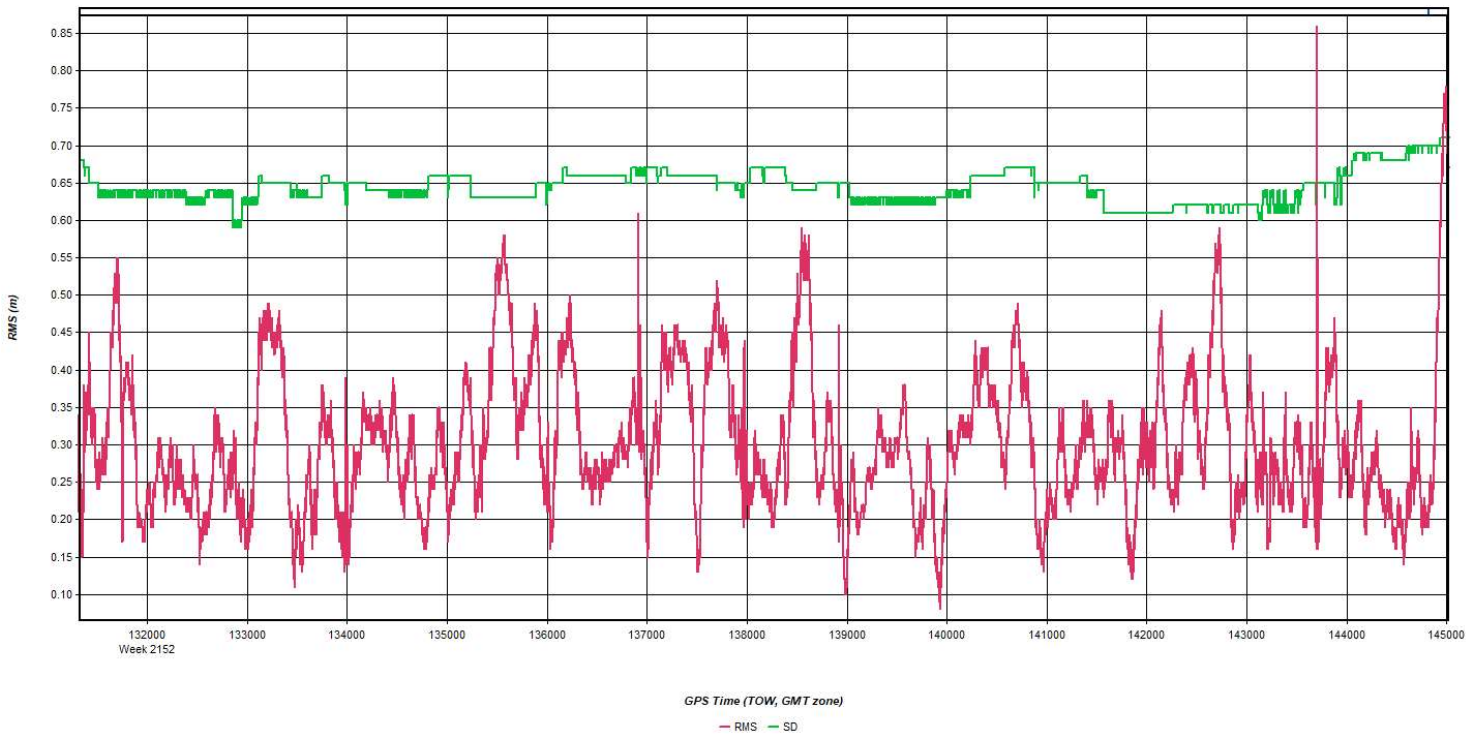


Figure 15: 20210405_122718_17 [Smoothed TC Combined] - Height Profile Plot



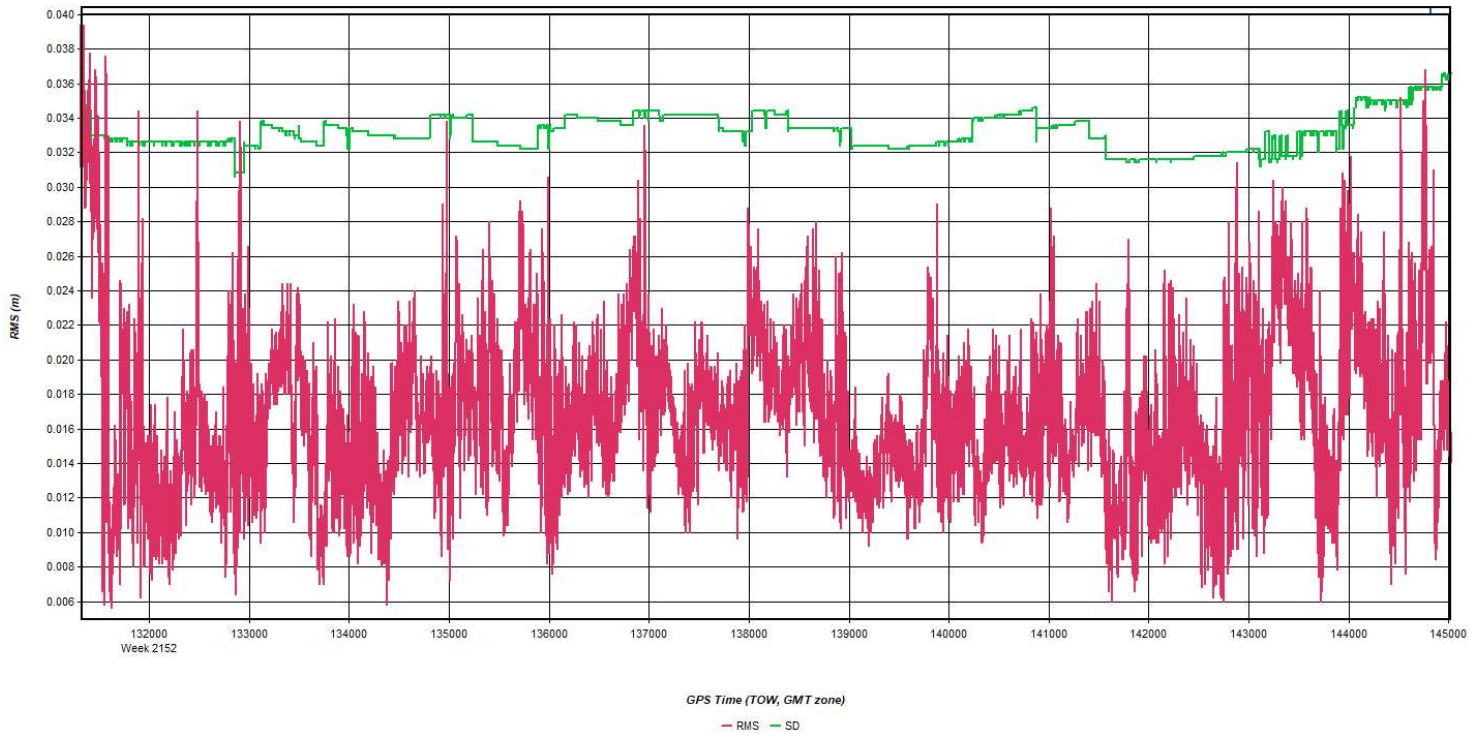
Process	20210405_122718_17	by Unknown	on 4/13/2021	at 13:04:51
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Figure 16: 20210405_122718_17 [Smoothed TC Combined] - C/A Code Residual RMS Plot



Process	20210405_122718_17	by Unknown	on 4/13/2021	at 13:04:51
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Figure 17: 20210405_122718_17 [Smoothed TC Combined] - Carrier Residual RMS Plot



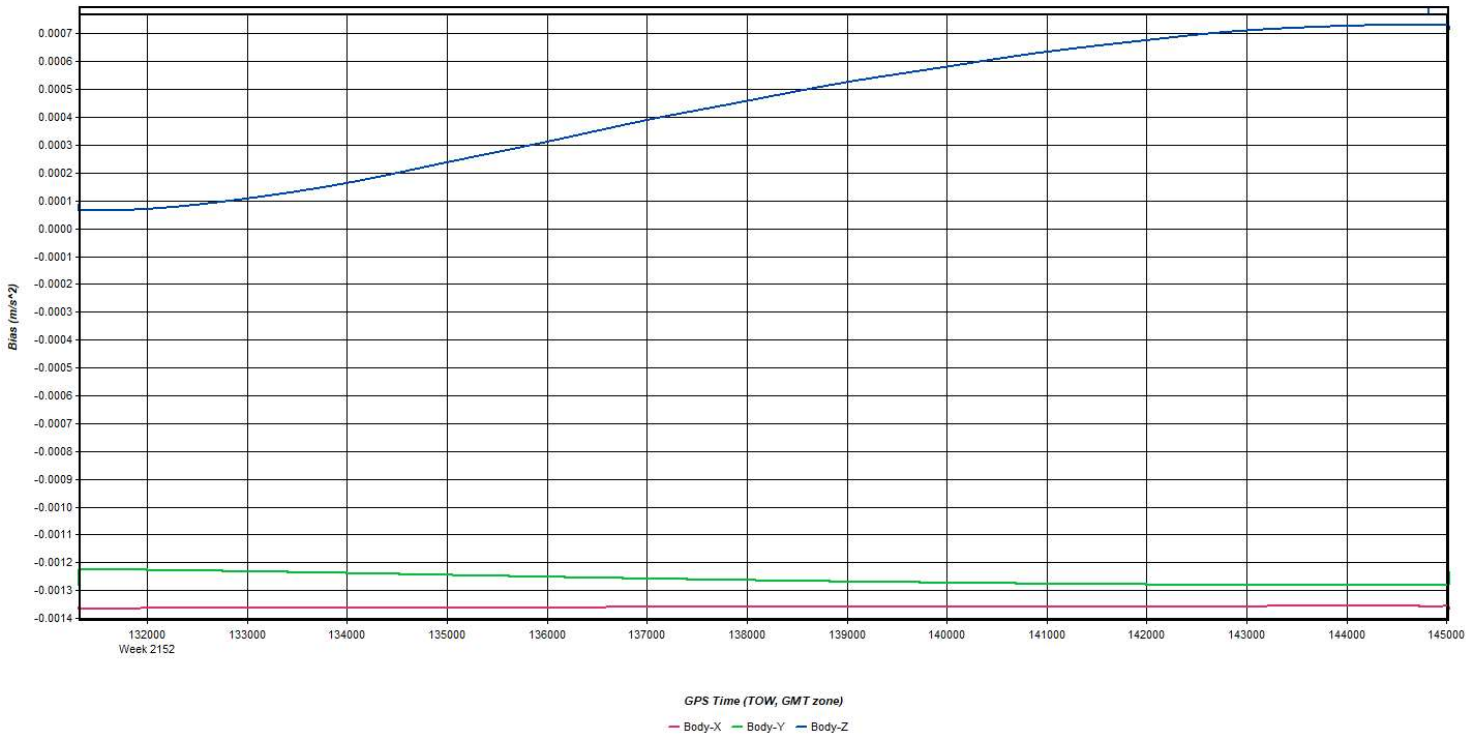
Process	20210405_122718_17	by Unknown	on 4/13/2021	at 13:04:51
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Figure 18: 20210405_122718_17 [Smoothed TC Combined] - L1 Doppler Residual RMS Plot



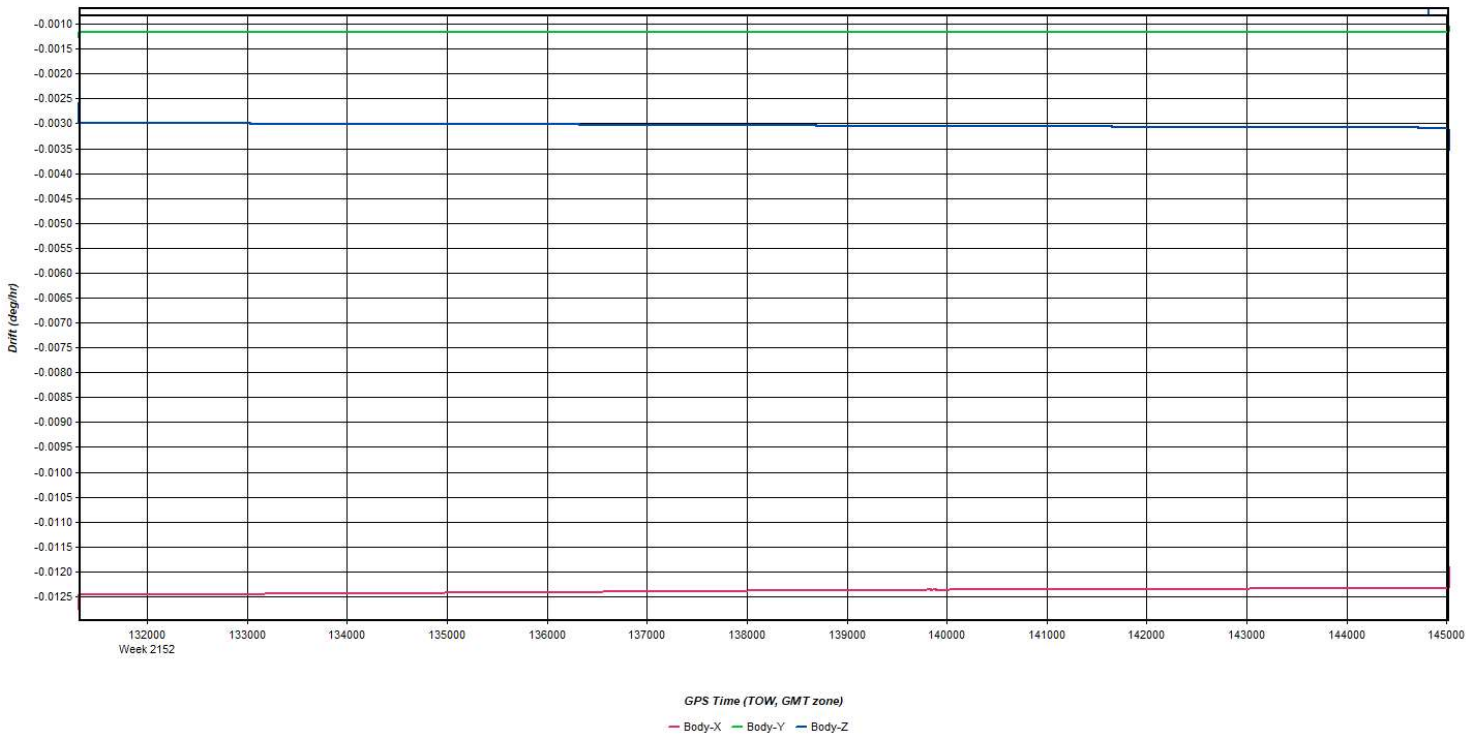
Process	20210405_122718_17	by Unknown	on 4/13/2021	at 13:04:51
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Figure 19: 20210405_122718_17 [Smoothed TC Combined] - Accelerometer Bias Plot



Process	20210405_122718_17	by Unknown	on 4/13/2021	at 13:04:51
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Figure 20: 20210405_122718_17 [Smoothed TC Combined] - Gyro Drift Plot

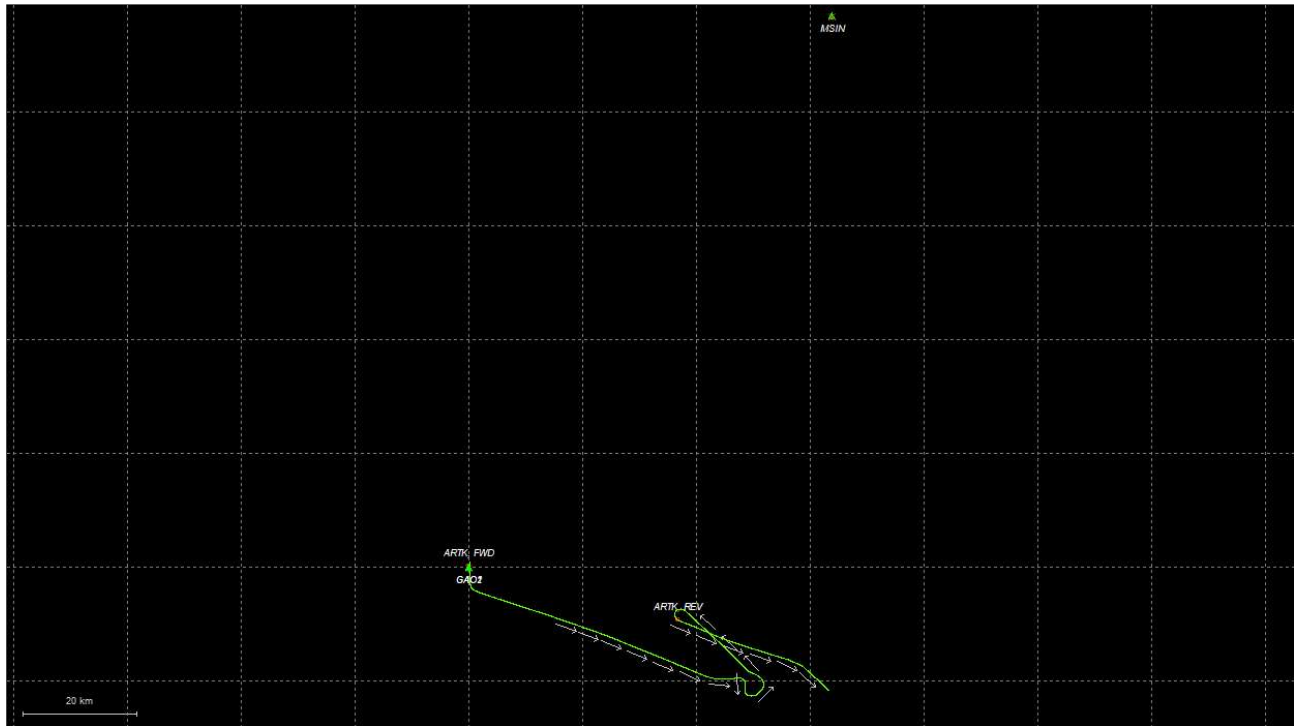


Process	20210405_122718_17	by Unknown	on 4/13/2021	at 13:04:51
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Output Results for 20210406_071935_18

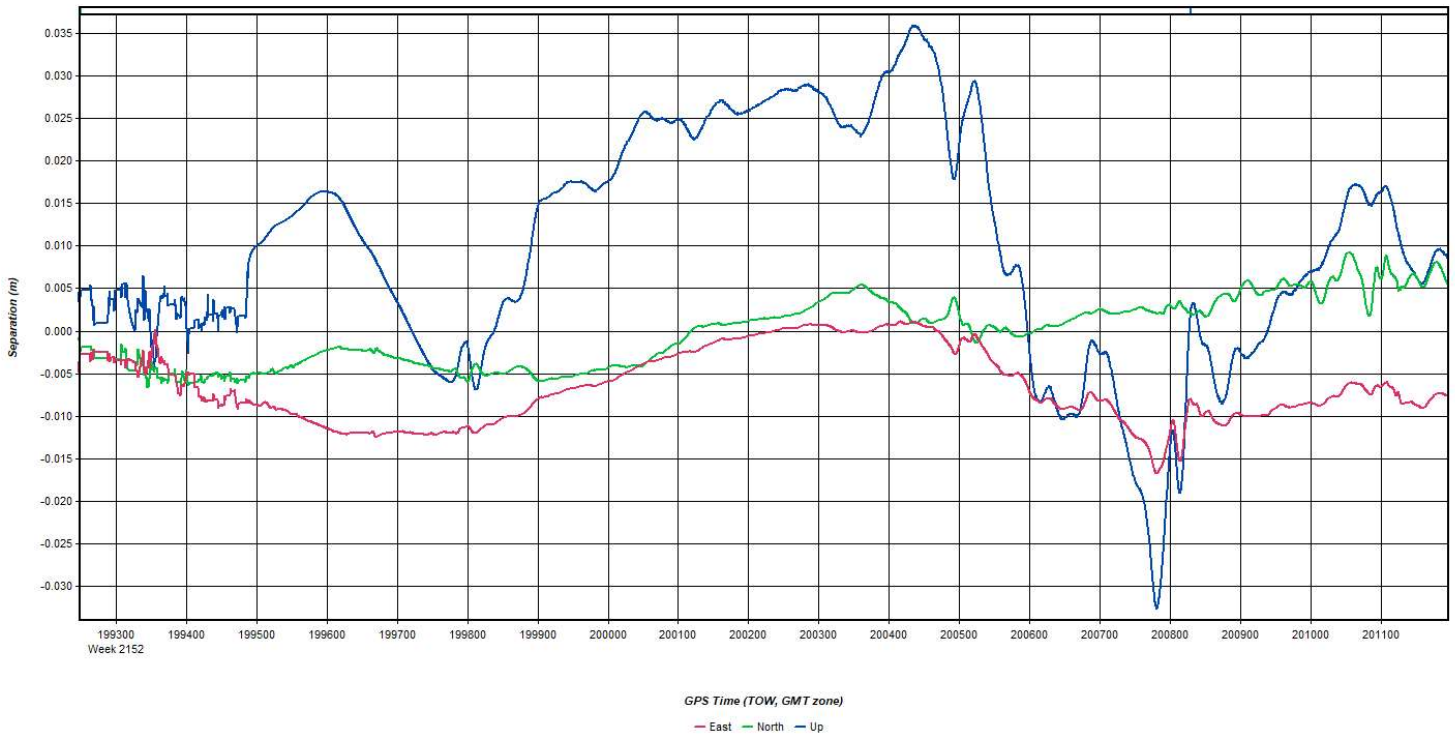
Inertial Explorer Version 8.90.2124
04/13/2021

Figure 1: Smoothed TC Combined - Map



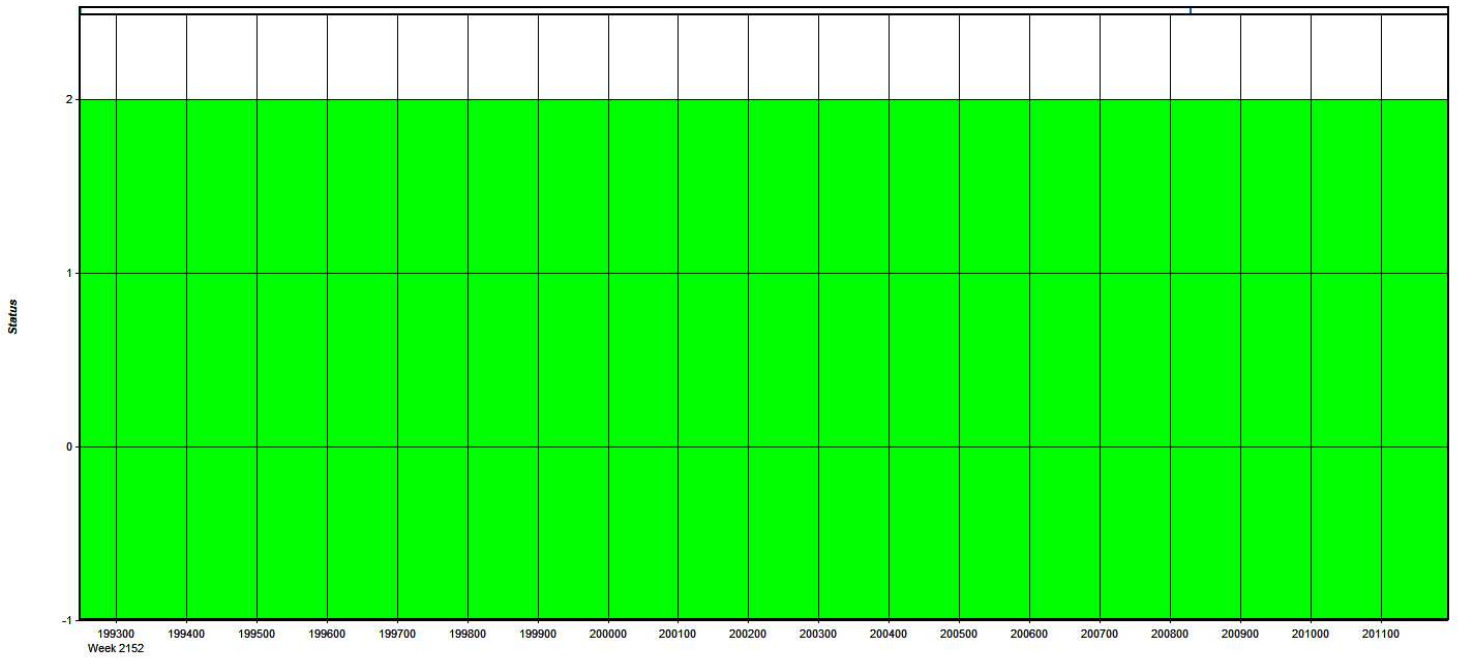
Process	20210406_071935_18	by Unknown	on 4/13/2021	at 13:44:37
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Figure 2: 20210406_071935_18 [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot



Process	20210406_071935_18	by Unknown	on 4/13/2021	at 13:44:37
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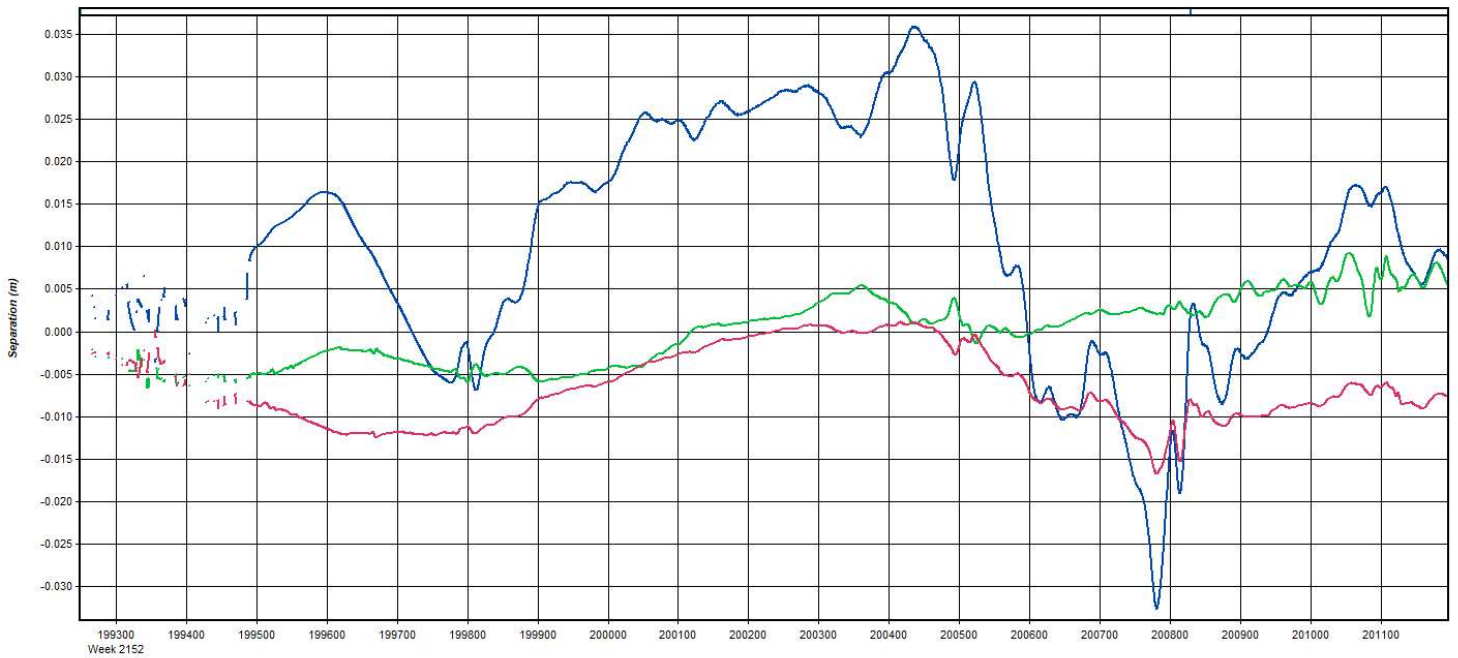
Figure 3: 20210406_071935_18 [Smoothed TC Combined] - Float or Fixed Ambiguity



GPS Time (TOW, GMT zone)
 - Float - Forward Fixed - Reverse Fixed - Fixed (2 or more)

Process	20210406_071935_18	by Unknown	on 4/13/2021	at 13:44:37
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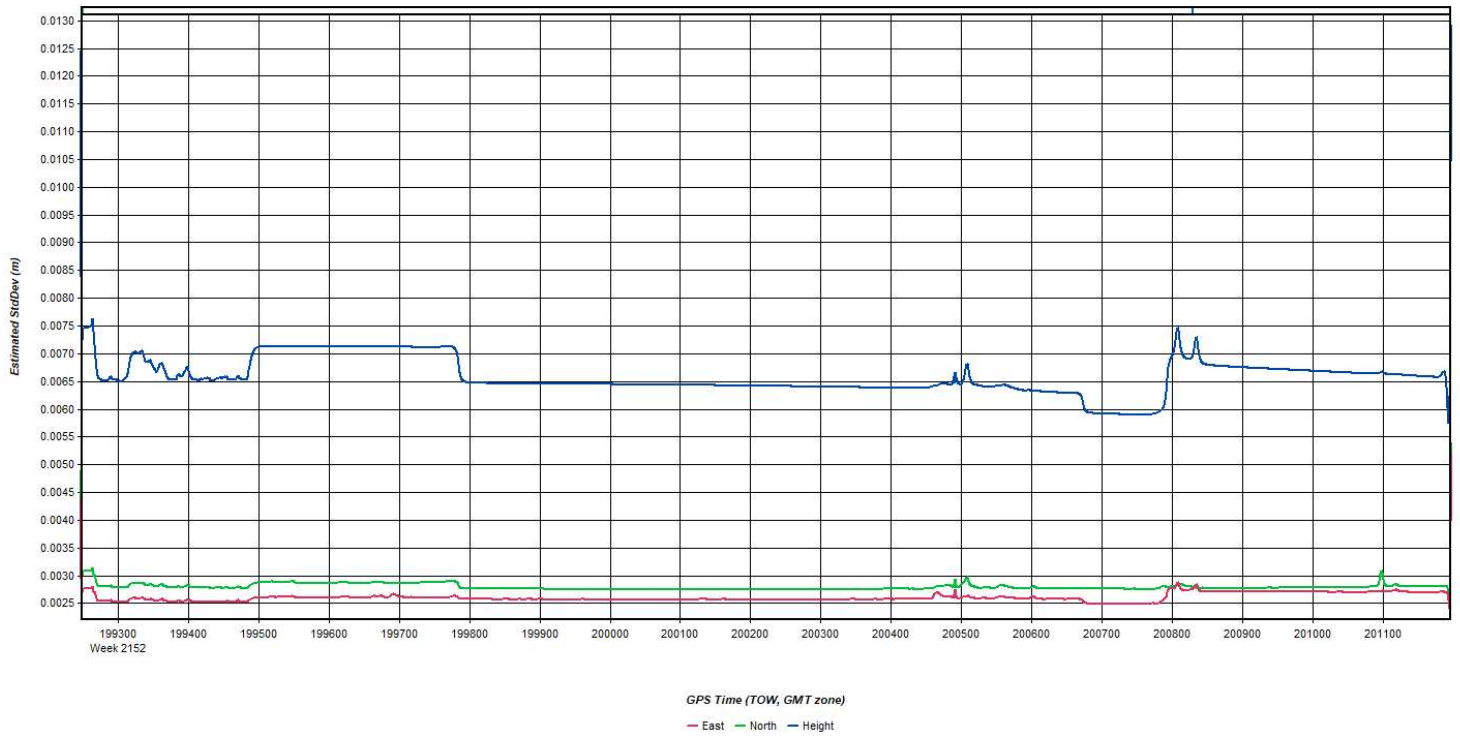
Figure 4: 20210406_071935_18 [Smoothed TC Combined] - Forward/Reverse Separation Plot (Fixed)



GPS Time (TOW, GMT zone)
 - East - North - Up

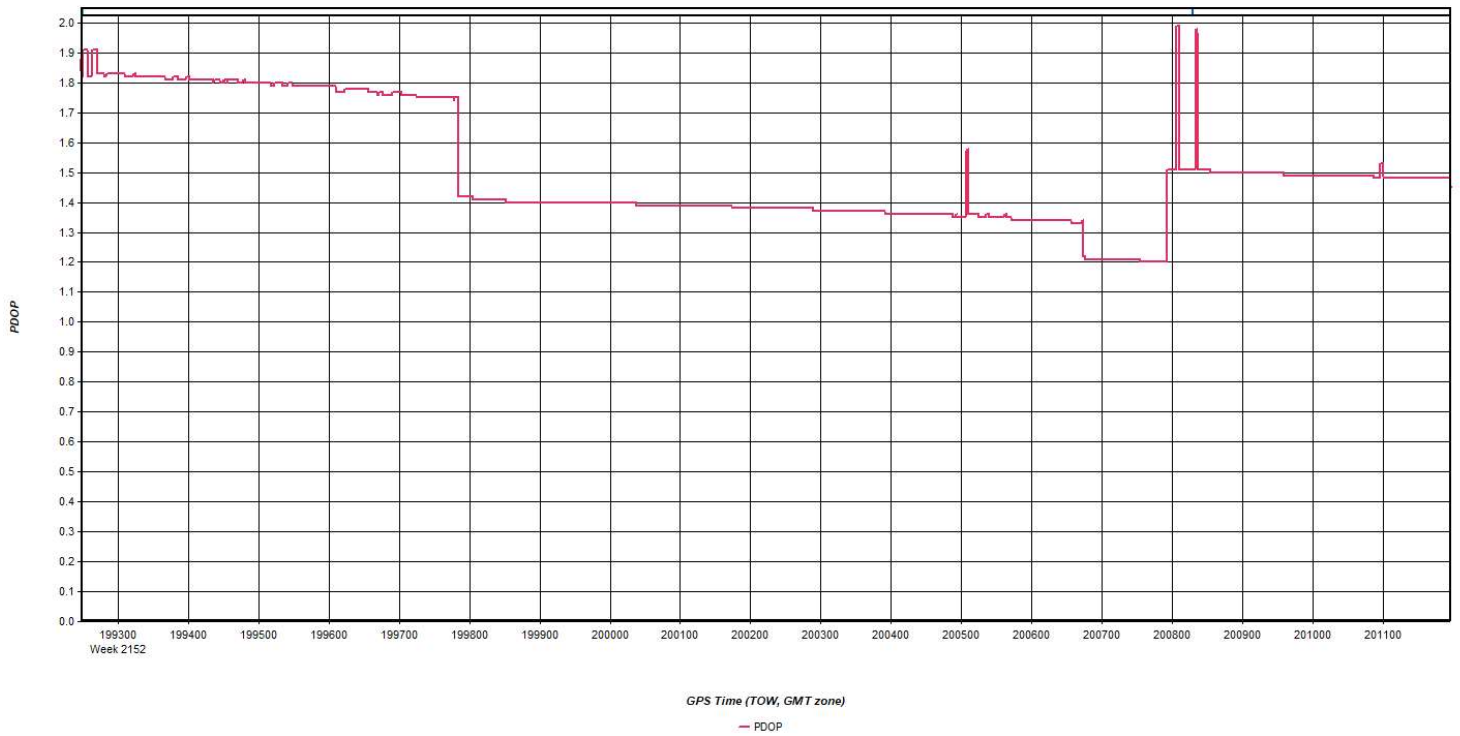
Process	20210406_071935_18	by Unknown	on 4/13/2021	at 13:44:37
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Figure 5: 20210406_071935_18 [Smoothed TC Combined] - Estimated Position Accuracy Plot



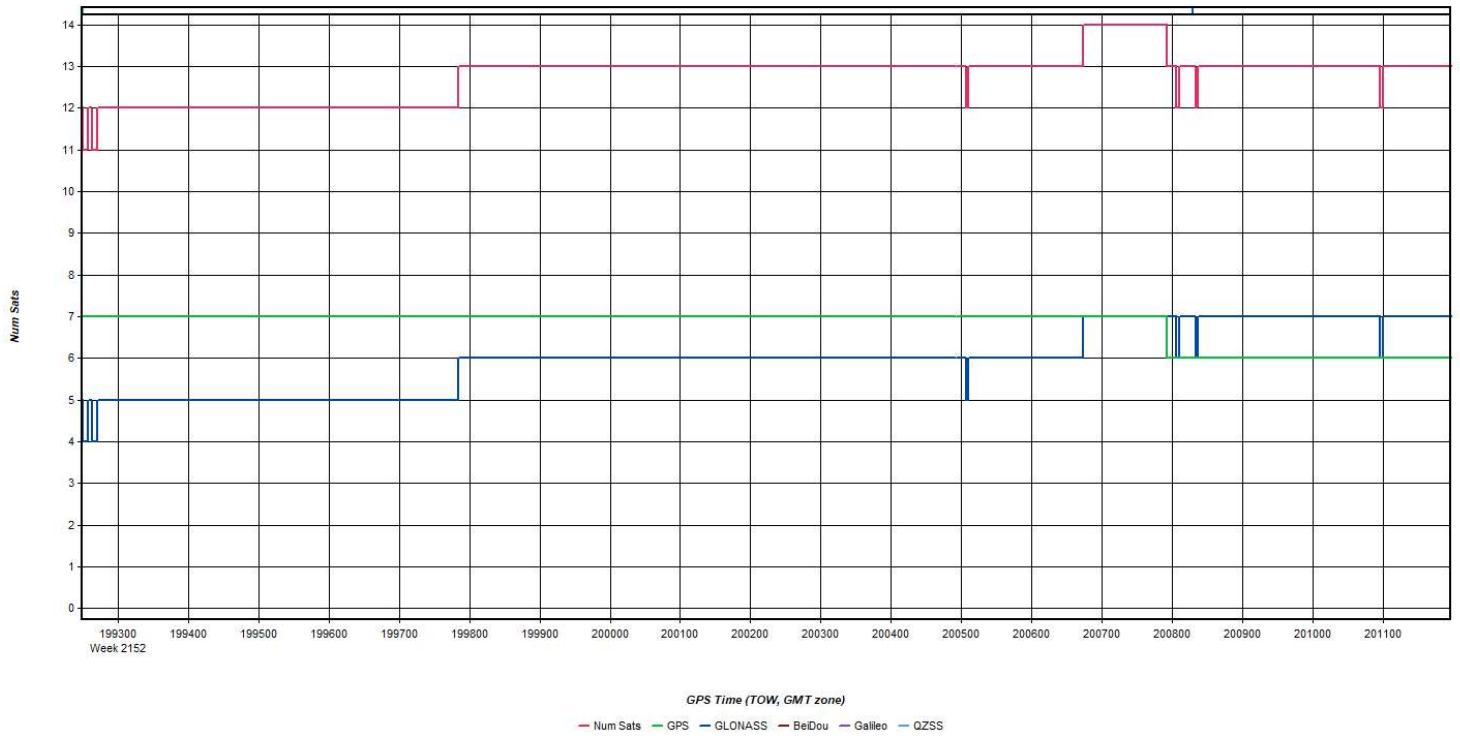
Process	20210406_071935_18	by Unknown	on 4/13/2021	at 13:44:37
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Figure 6: 20210406_071935_18 [Smoothed TC Combined] - PDOP Plot



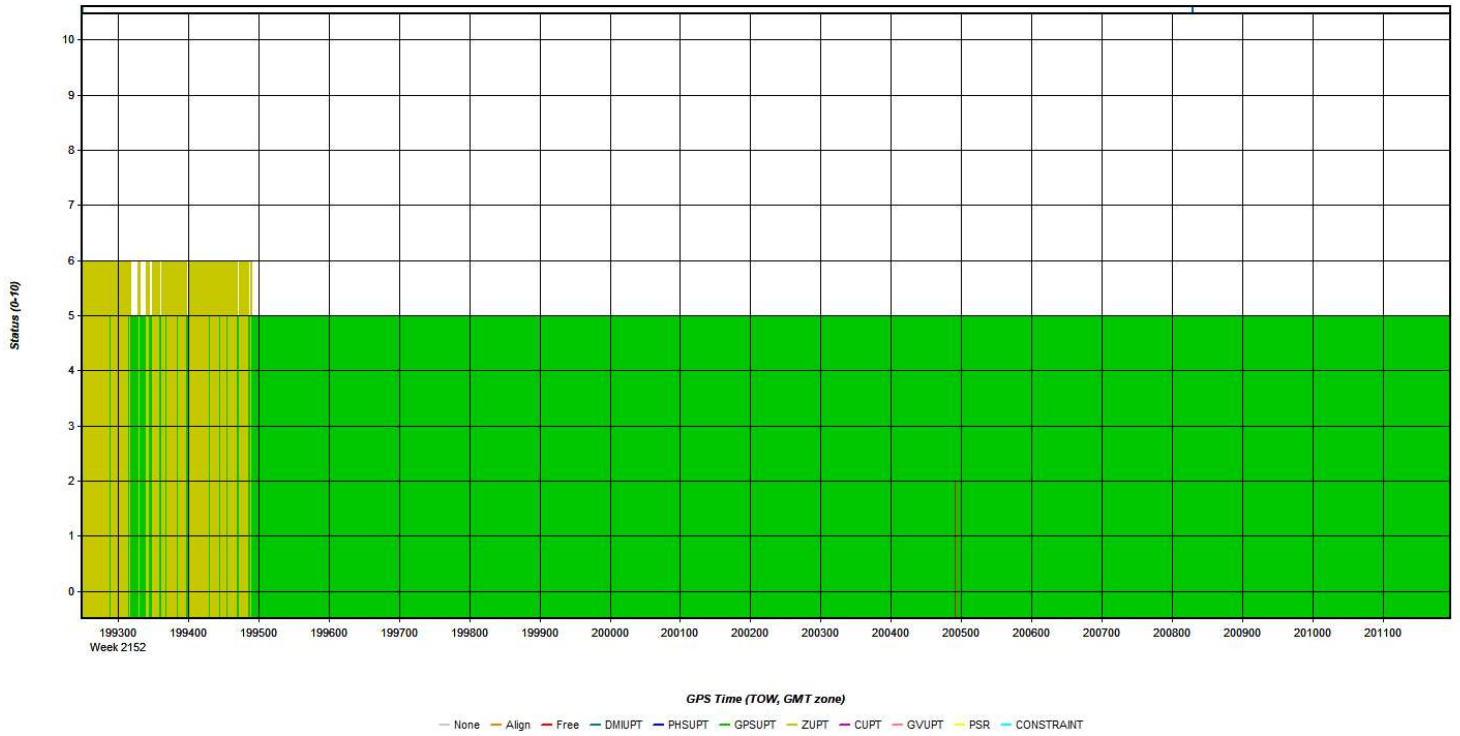
Process	20210406_071935_18	by Unknown	on 4/13/2021	at 13:44:37
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Figure 7: 20210406_071935_18 [Smoothed TC Combined] - Number of Satellites Line Plot



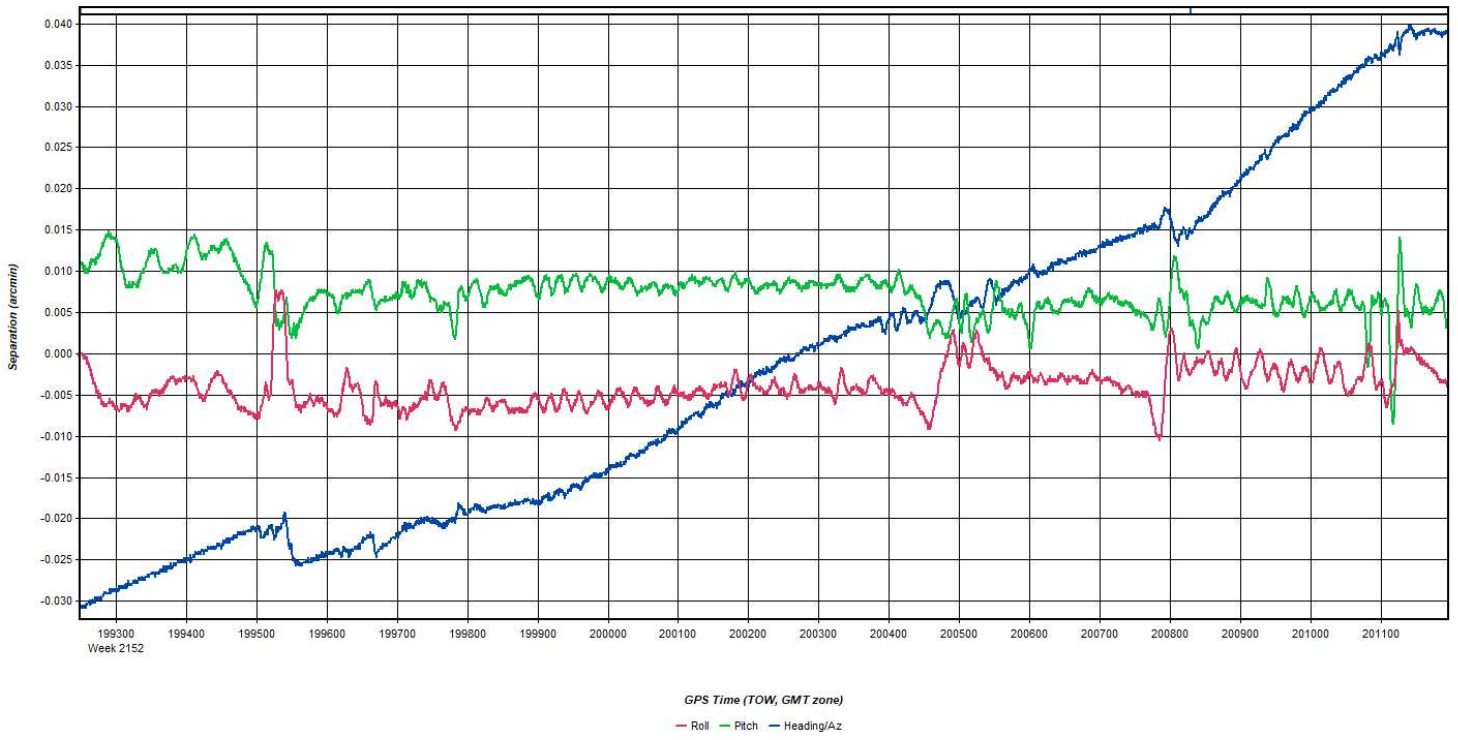
Process	20210406_071935_18	by Unknown	on 4/13/2021	at 13:44:37
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Figure 8: 20210406_071935_18 [Smoothed TC Combined] - Status flag for IMU processing



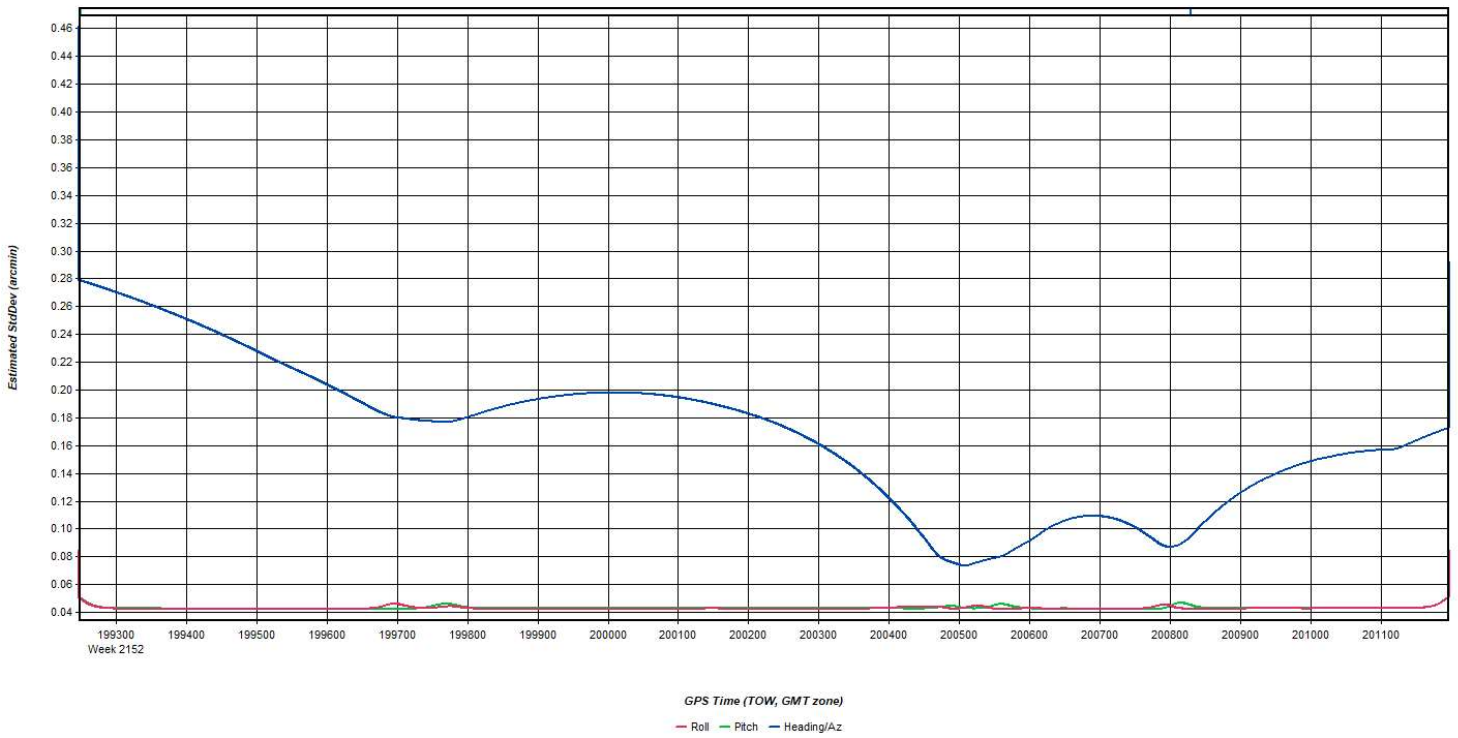
Process	20210406_071935_18	by Unknown	on 4/13/2021	at 13:44:37
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Figure 9: 20210406_071935_18 [Smoothed TC Combined] - Fwd/Rev Attitude Separation Plot



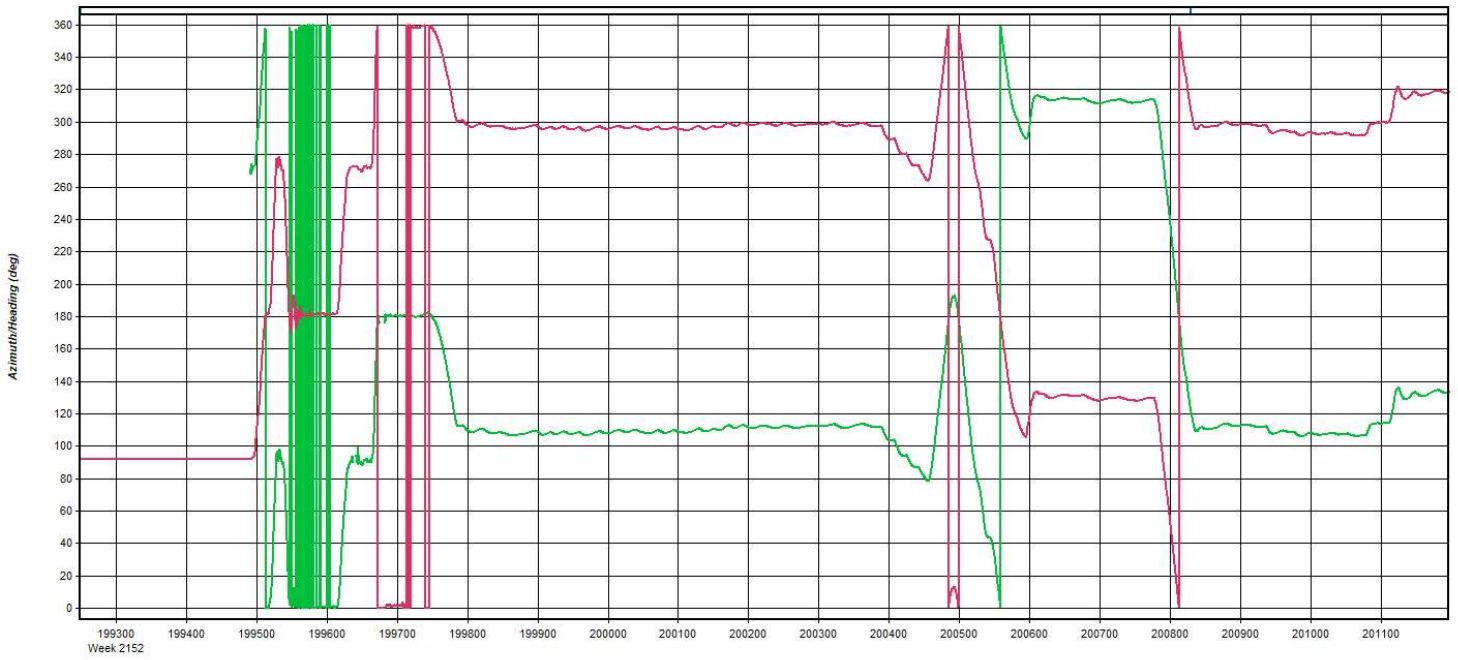
Process	20210406_071935_18	by Unknown	on 4/13/2021	at 13:44:37
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Figure 10: 20210406_071935_18 [Smoothed TC Combined] - Estimated Attitude Accuracy Plot



Process	20210406_071935_18	by Unknown	on 4/13/2021	at 13:44:37
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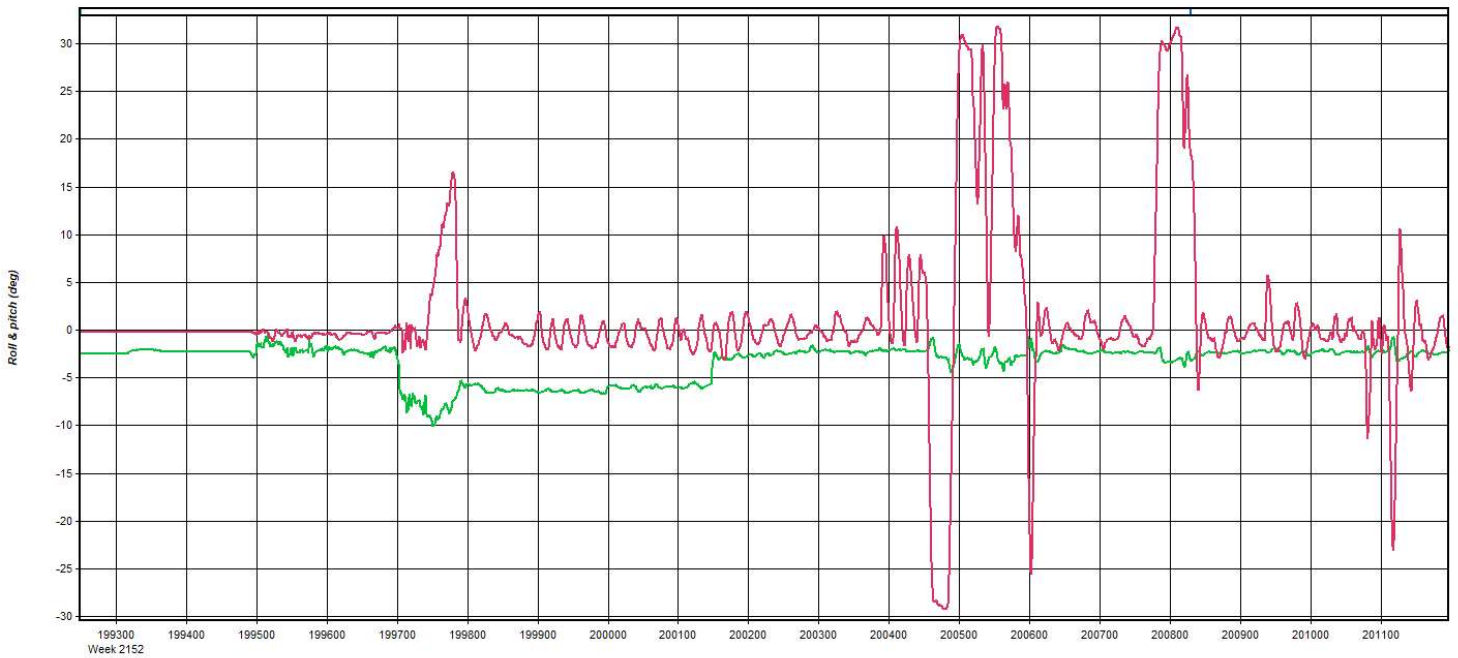
Figure 11: 20210406_071935_18 [Smoothed TC Combined] - Azimuth Plot



GPS Time (TOW, GMT zone)
 - Heading/Azimuth - GPS-COG

Process	20210406_071935_18	by Unknown	on 4/13/2021	at 13:44:37
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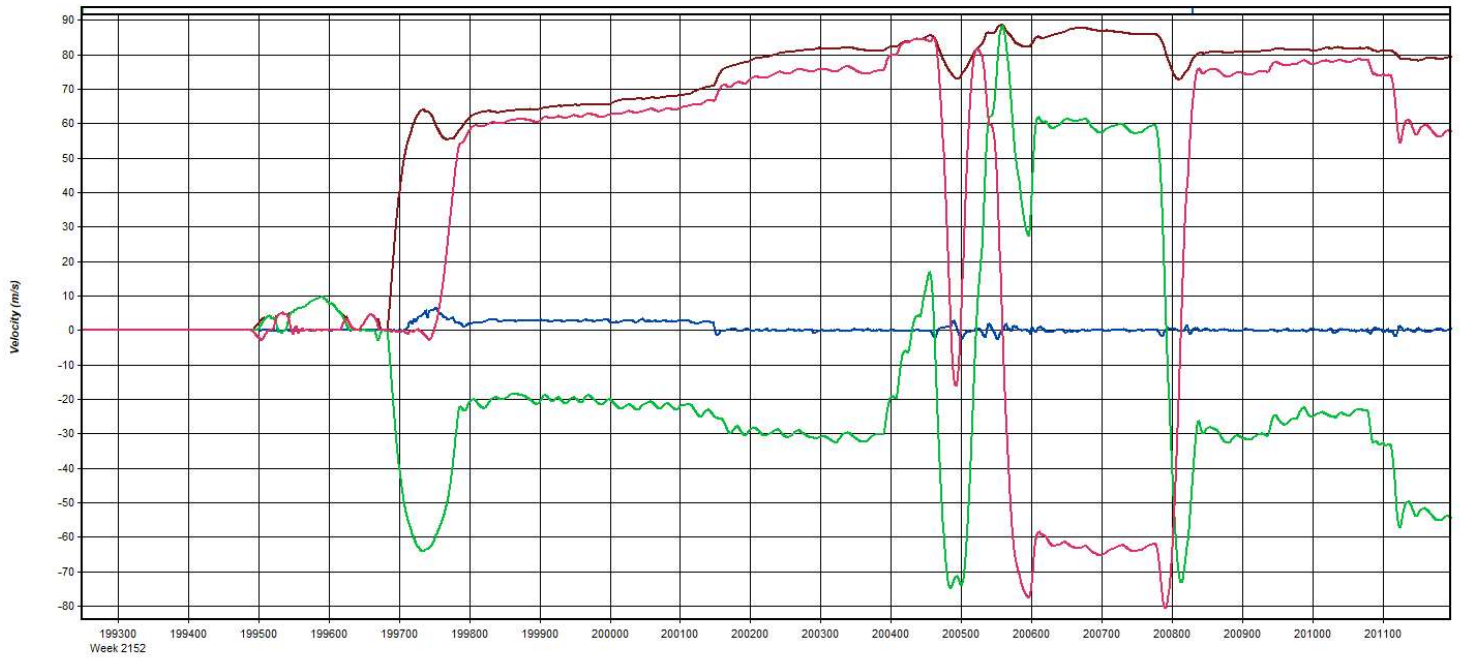
Figure 12: 20210406_071935_18 [Smoothed TC Combined] - Roll & Pitch Plot



GPS Time (TOW, GMT zone)
 - Roll - Pitch

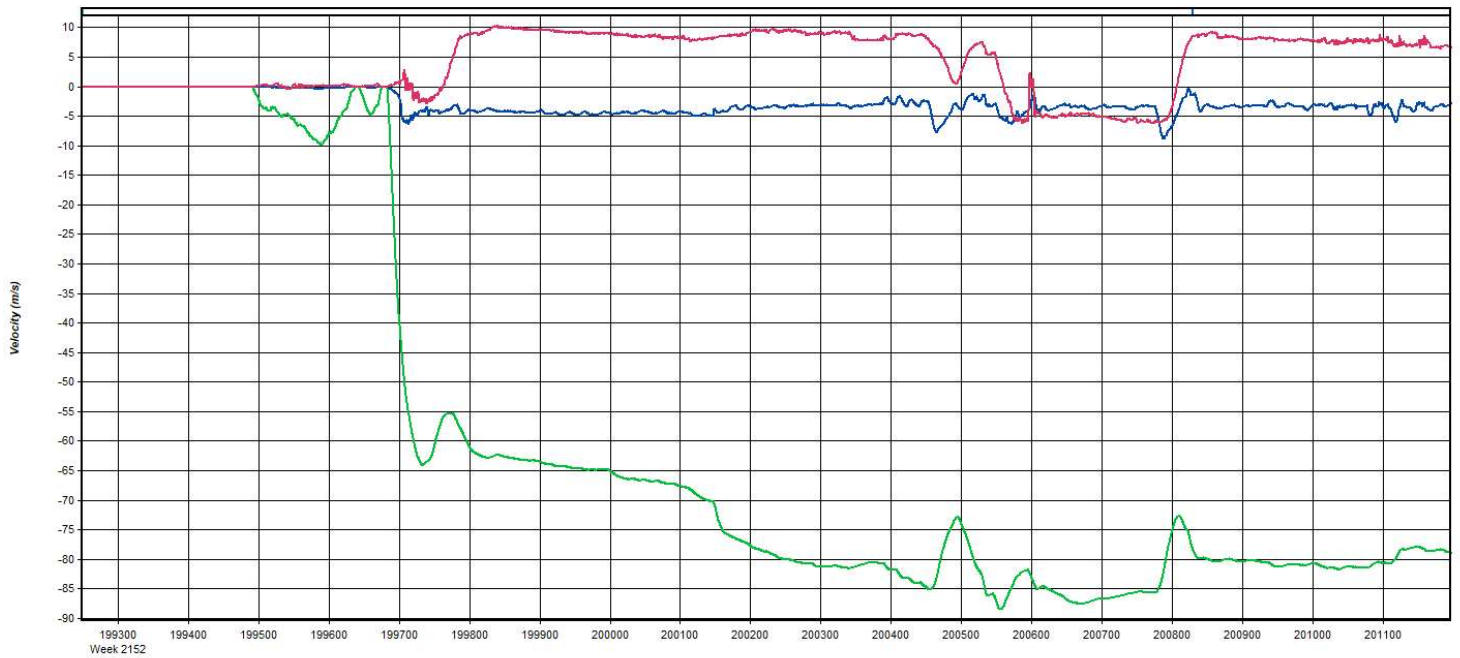
Process	20210406_071935_18	by Unknown	on 4/13/2021	at 13:44:37
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Figure 13: 20210406_071935_18 [Smoothed TC Combined] - Velocity Profile Plot



Process	20210406_071935_18	by Unknown	on 4/13/2021	at 13:44:37
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Figure 14: 20210406_071935_18 [Smoothed TC Combined] - Body Frame Velocity Plot



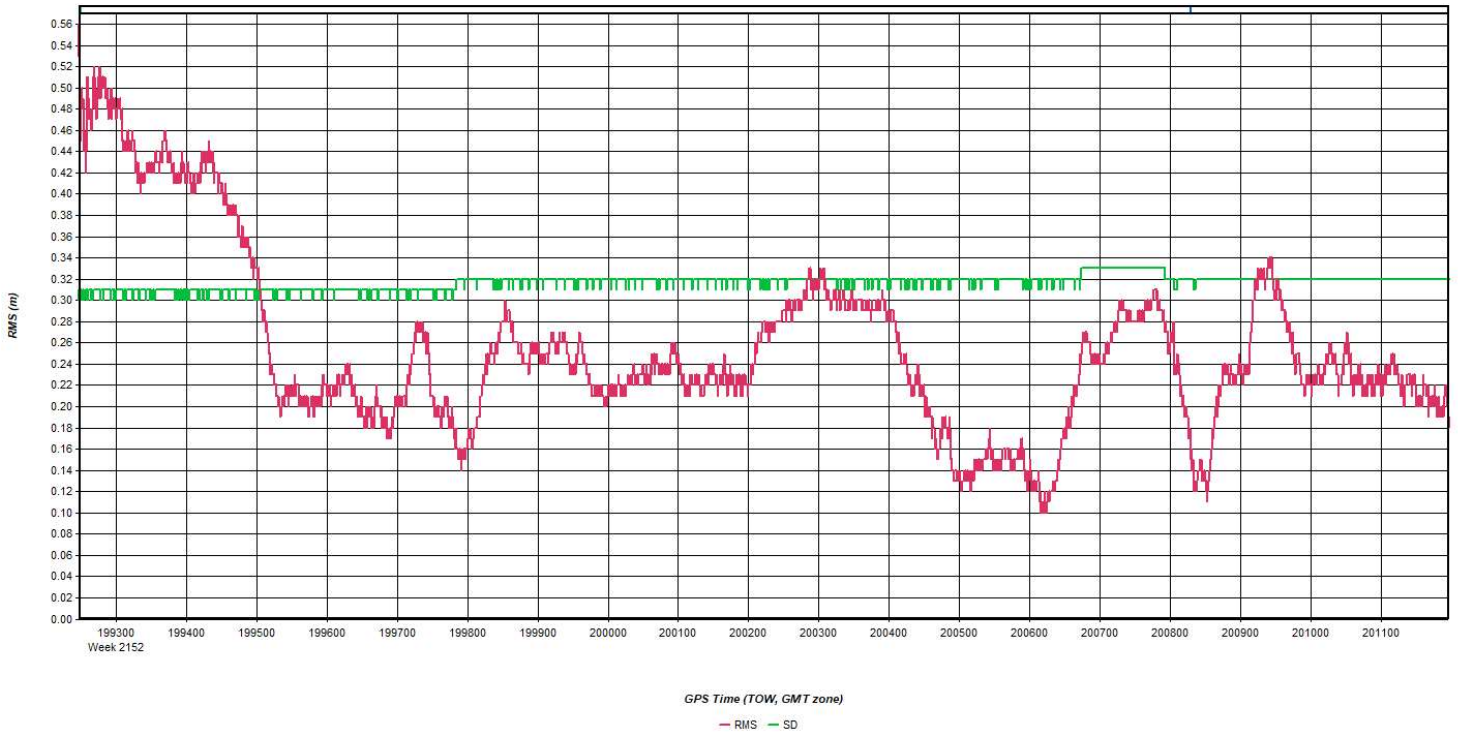
Process	20210406_071935_18	by Unknown	on 4/13/2021	at 13:44:37
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Figure 15: 20210406_071935_18 [Smoothed TC Combined] - Height Profile Plot



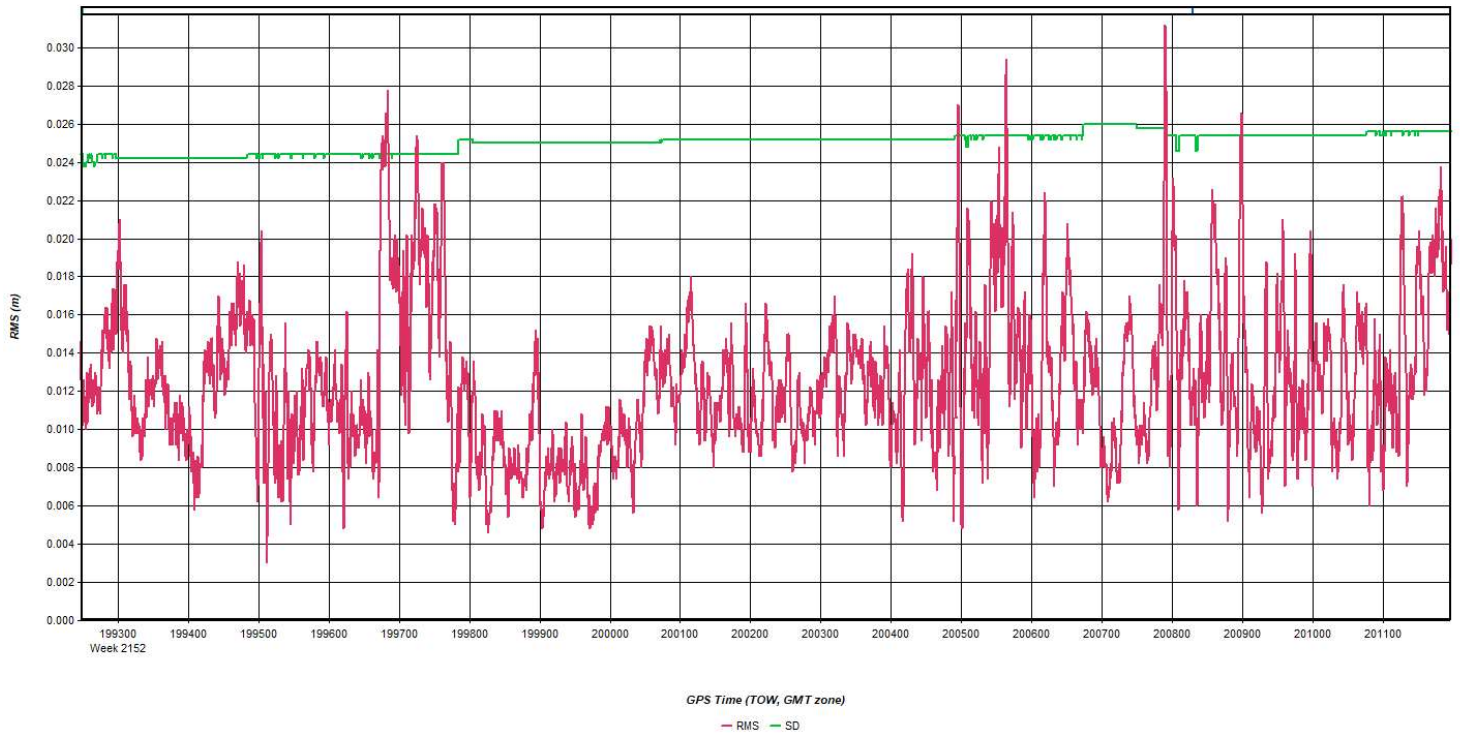
Process	20210406_071935_18	by Unknown	on 4/13/2021	at 13:44:37
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Figure 16: 20210406_071935_18 [Smoothed TC Combined] - C/A Code Residual RMS Plot



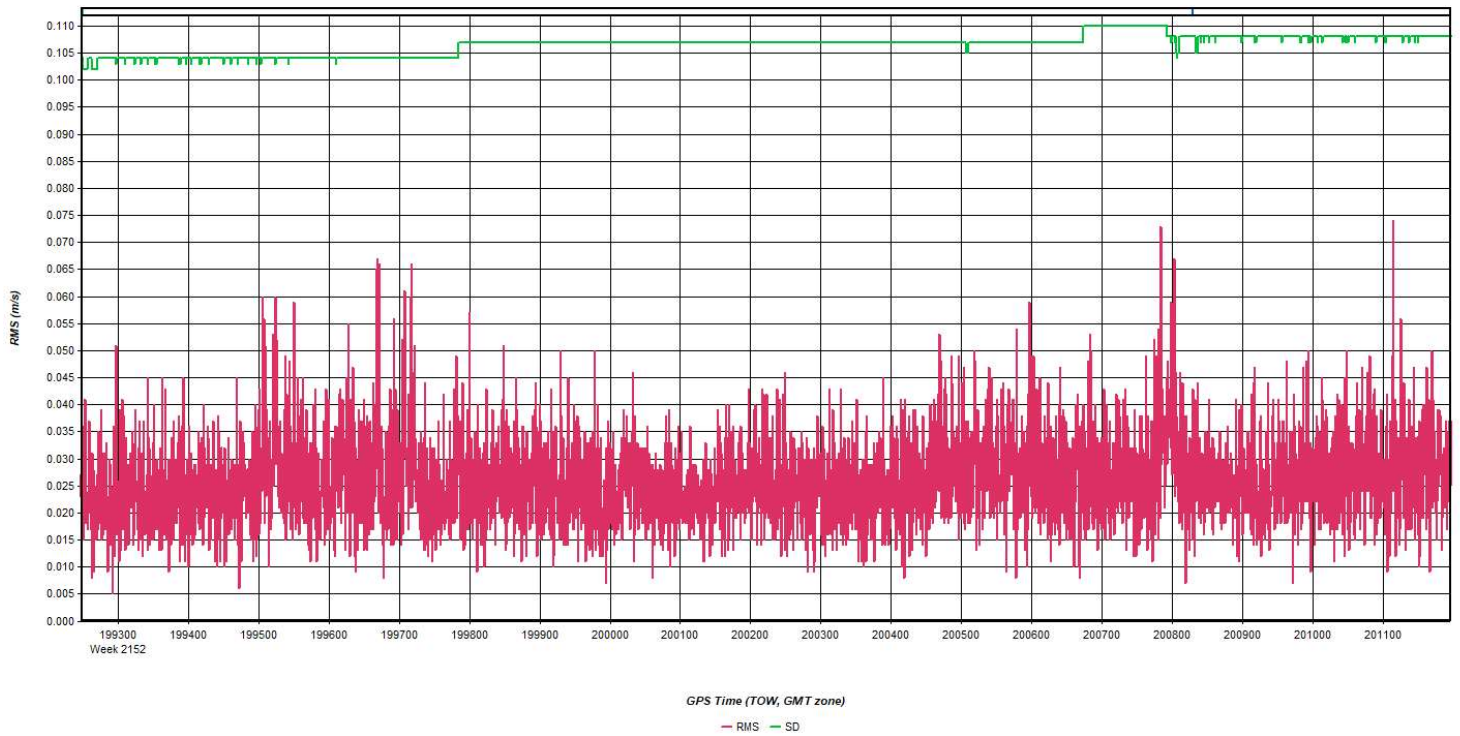
Process	20210406_071935_18	by Unknown	on 4/13/2021	at 13:44:37
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Figure 17: 20210406_071935_18 [Smoothed TC Combined] - Carrier Residual RMS Plot



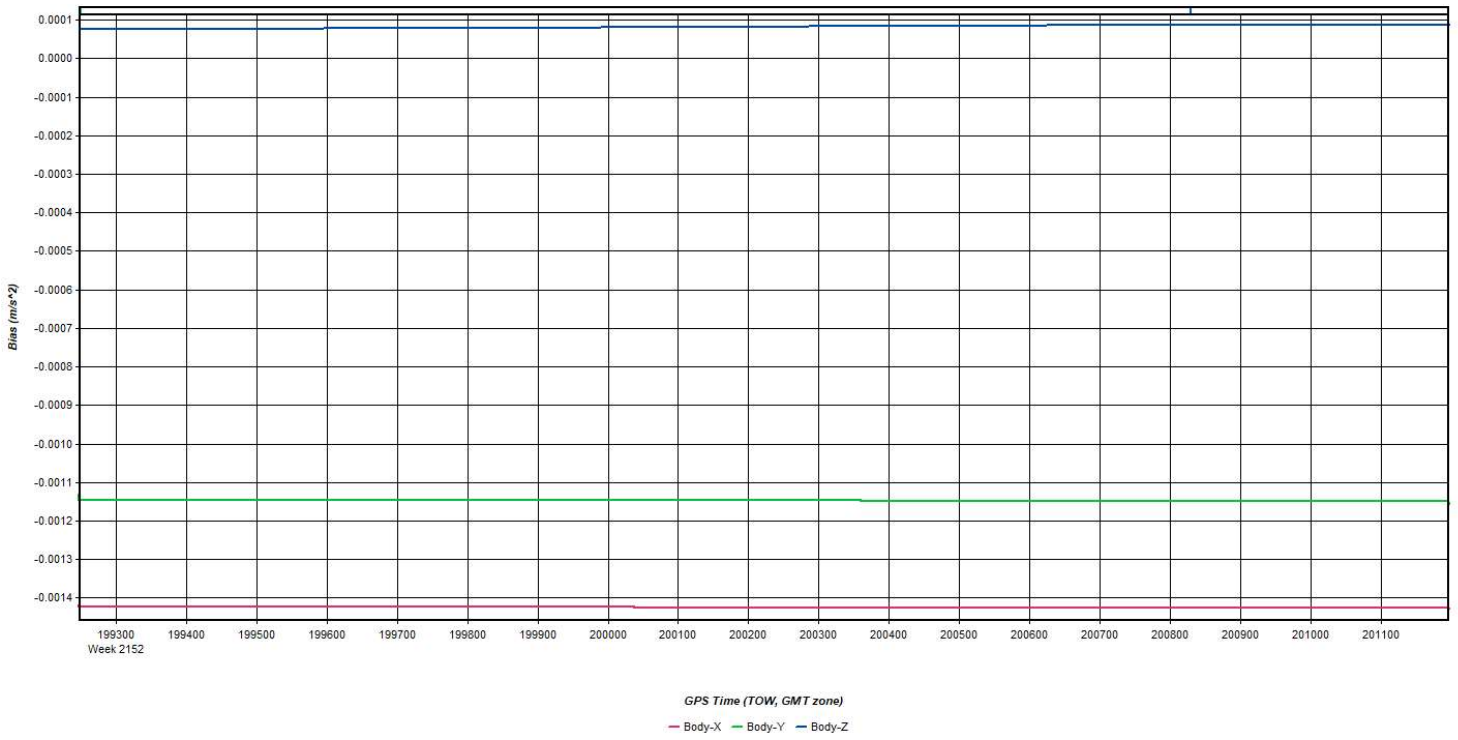
Process	20210406_071935_18	by Unknown	on 4/13/2021	at 13:44:37
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Figure 18: 20210406_071935_18 [Smoothed TC Combined] - L1 Doppler Residual RMS Plot



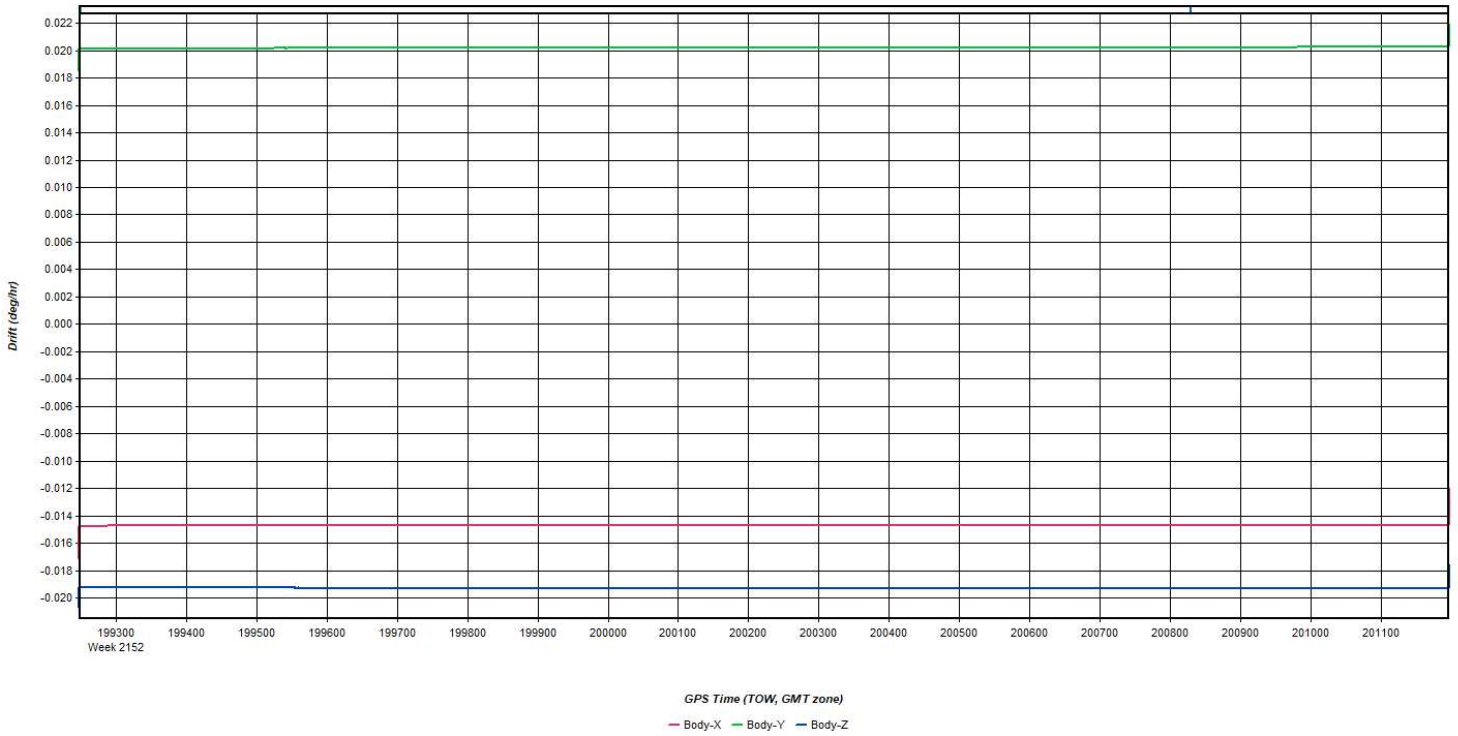
Process	20210406_071935_18	by Unknown	on 4/13/2021	at 13:44:37
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Figure 19: 20210406_071935_18 [Smoothed TC Combined] - Accelerometer Bias Plot



Process	20210406_071935_18	by Unknown	on 4/13/2021	at 13:44:37
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Figure 20: 20210406_071935_18 [Smoothed TC Combined] - Gyro Drift Plot

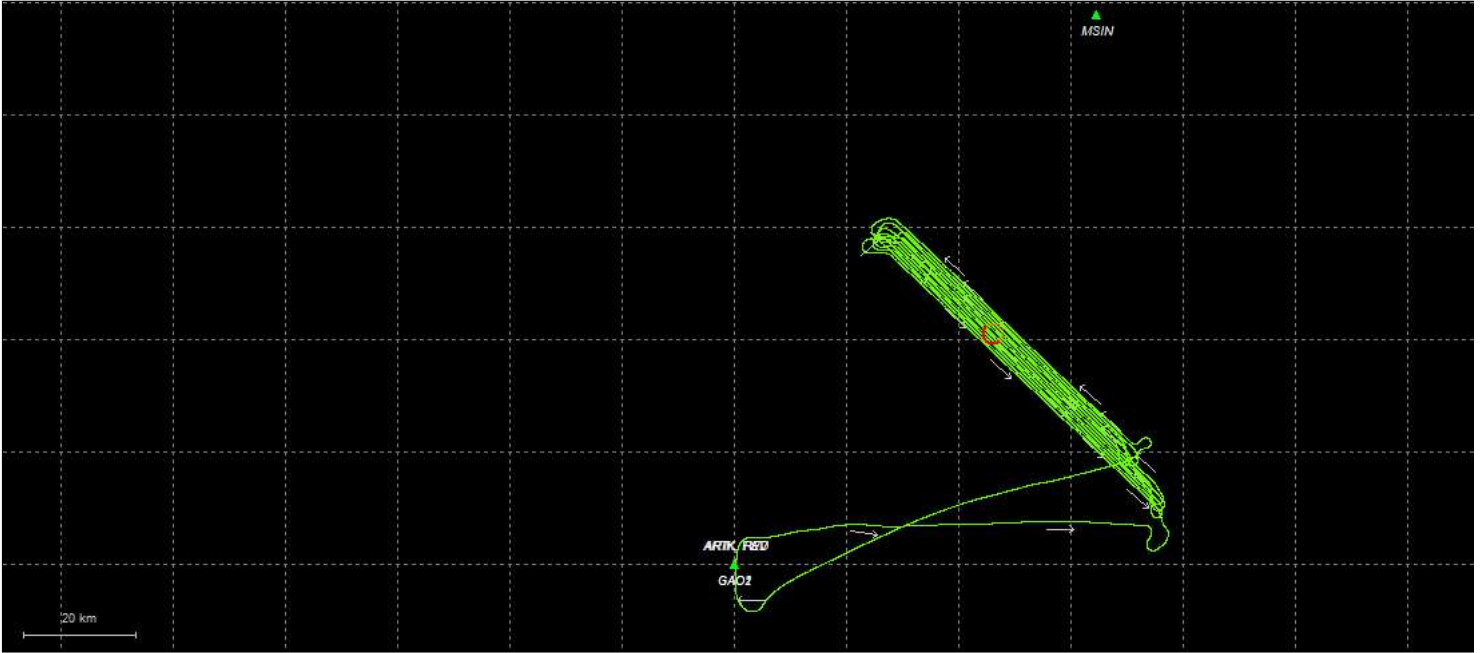


Process	20210406_071935_18	by Unknown	on 4/13/2021	at 13:44:37
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Output Results for 20210419_070046_19

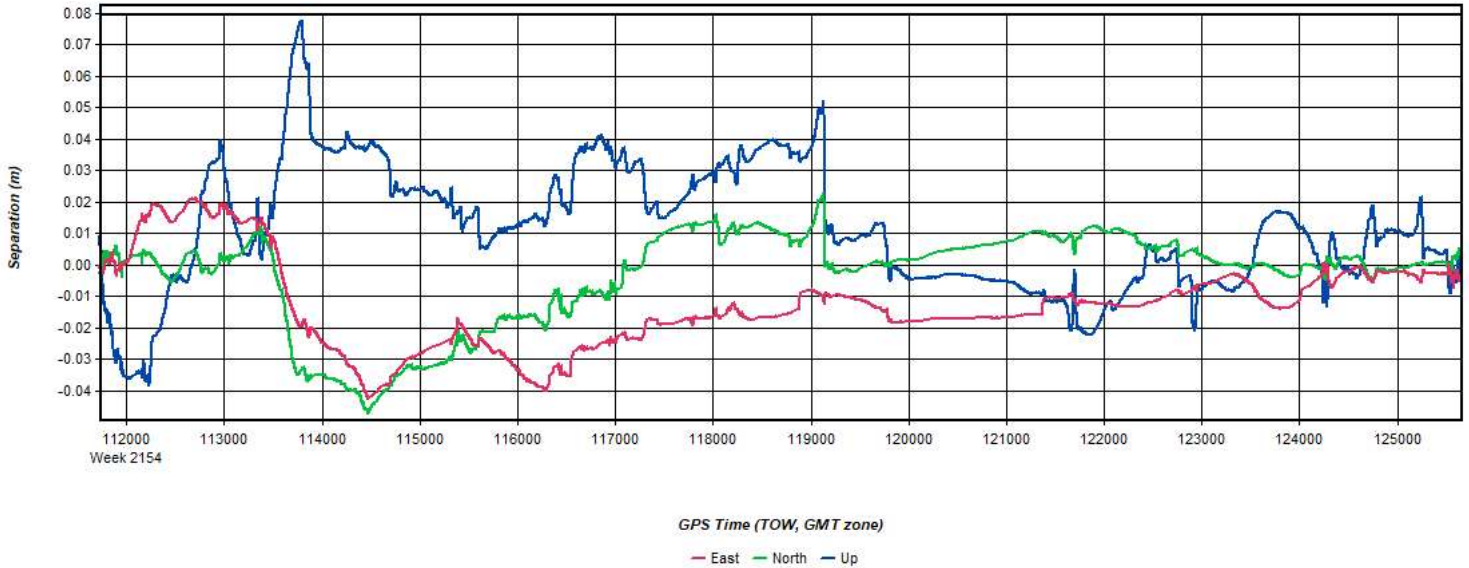
Inertial Explorer Version 8.90.2124
04/23/2021

Figure 1: Smoothed TC Combined - Map



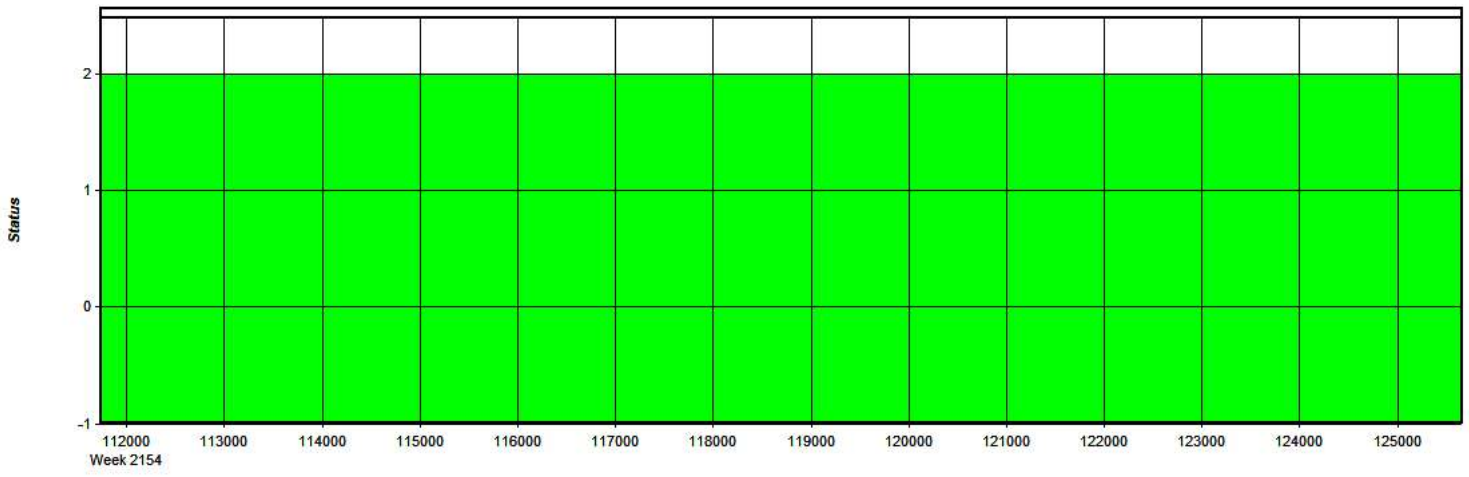
Process	20210419_070046_19	by Unknown	on 4/23/2021	at 16:37:32
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Figure 2: 20210419_070046_19 [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot



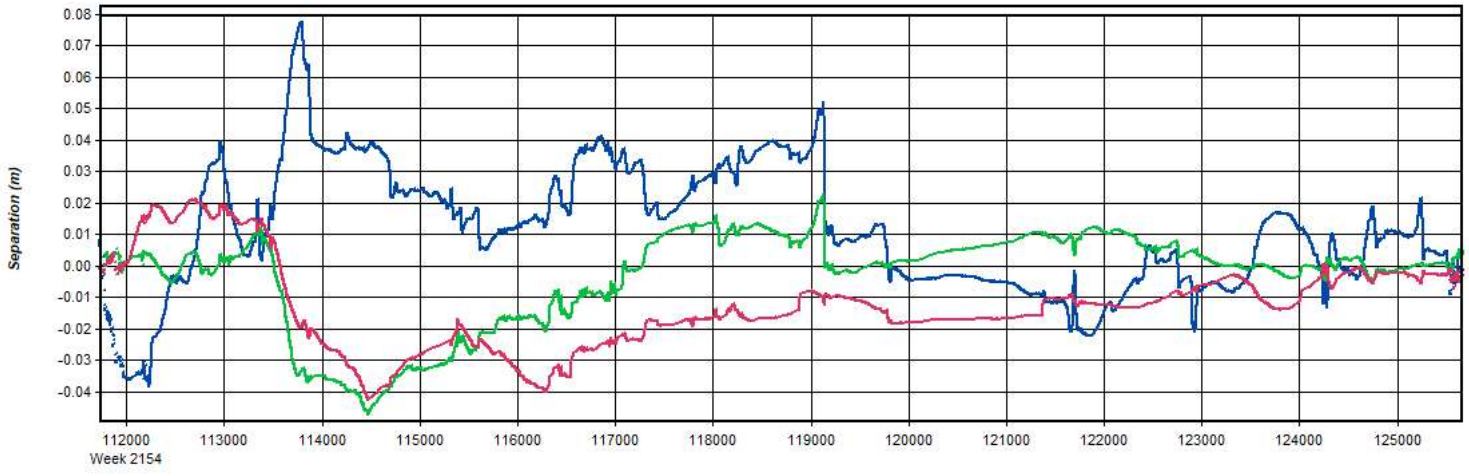
Process	20210419_070046_19	by Unknown	on 4/23/2021	at 16:37:32
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Figure 3: 20210419_070046_19 [Smoothed TC Combined] - Float or Fixed Ambiguity



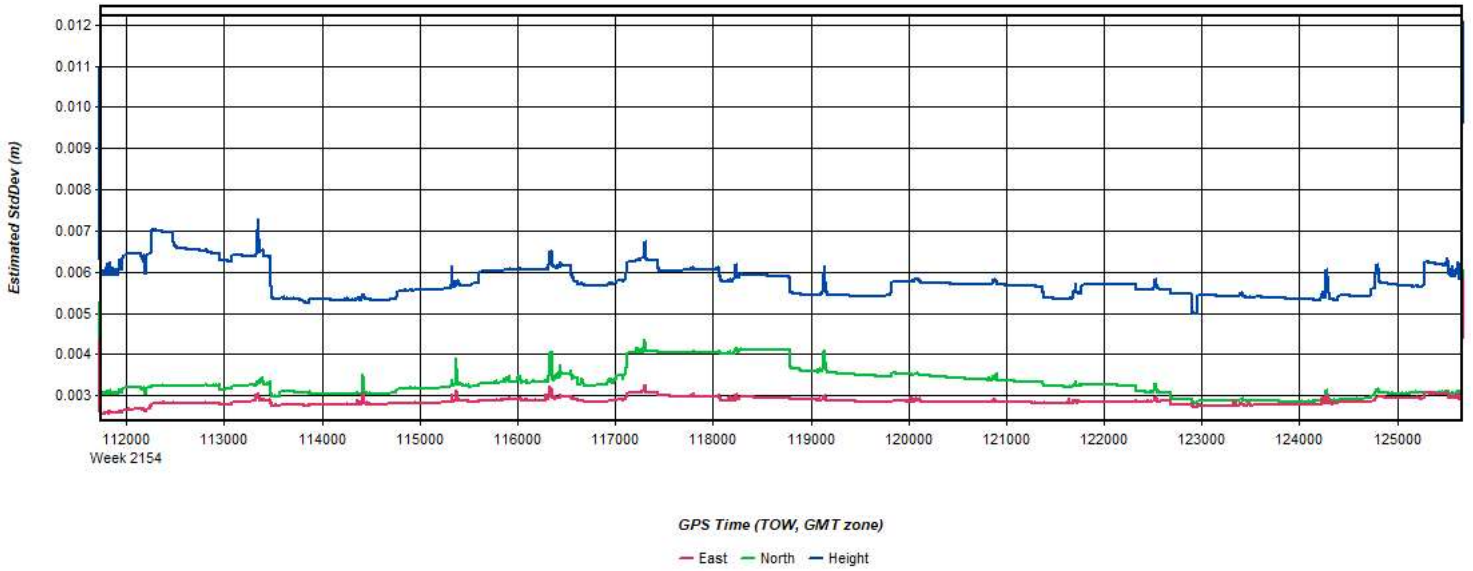
Process	20210419_070046_19	by Unknown	on 4/23/2021	at 16:37:32
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Figure 4: 20210419_070046_19 [Smoothed TC Combined] - Forward/Reverse Separation Plot (Fixed)



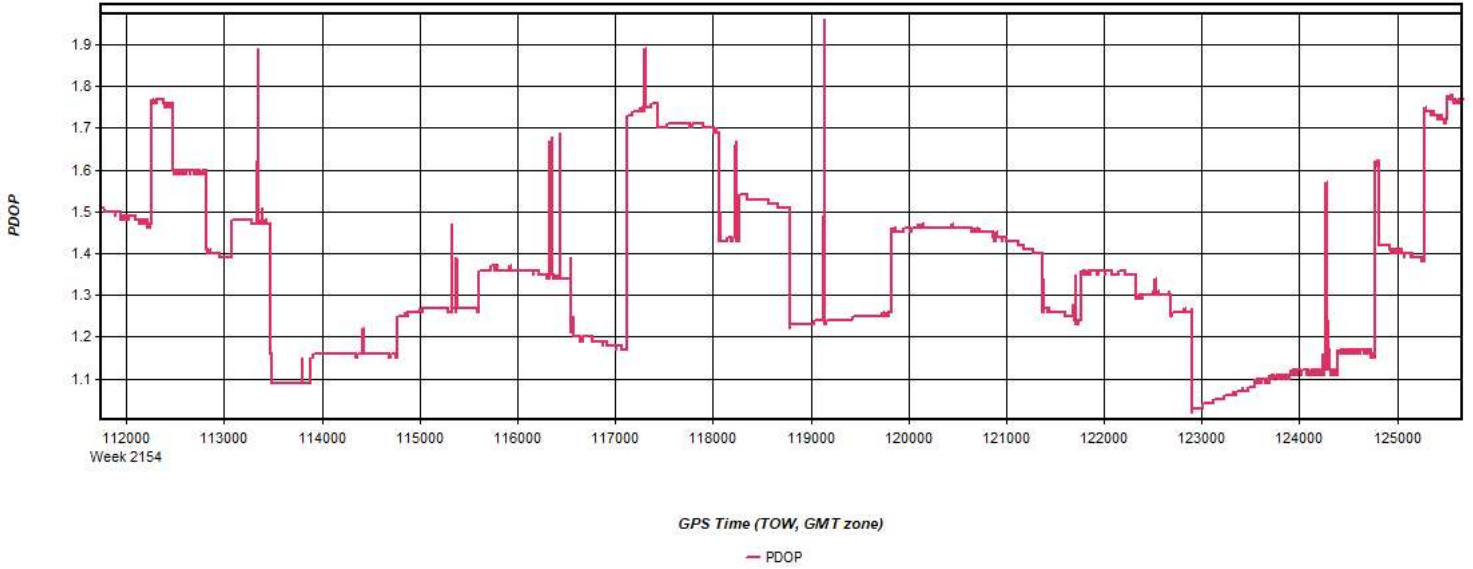
Process	20210419_070046_19	by Unknown	on 4/23/2021	at 16:37:32
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Figure 5: 20210419_070046_19 [Smoothed TC Combined] - Estimated Position Accuracy Plot



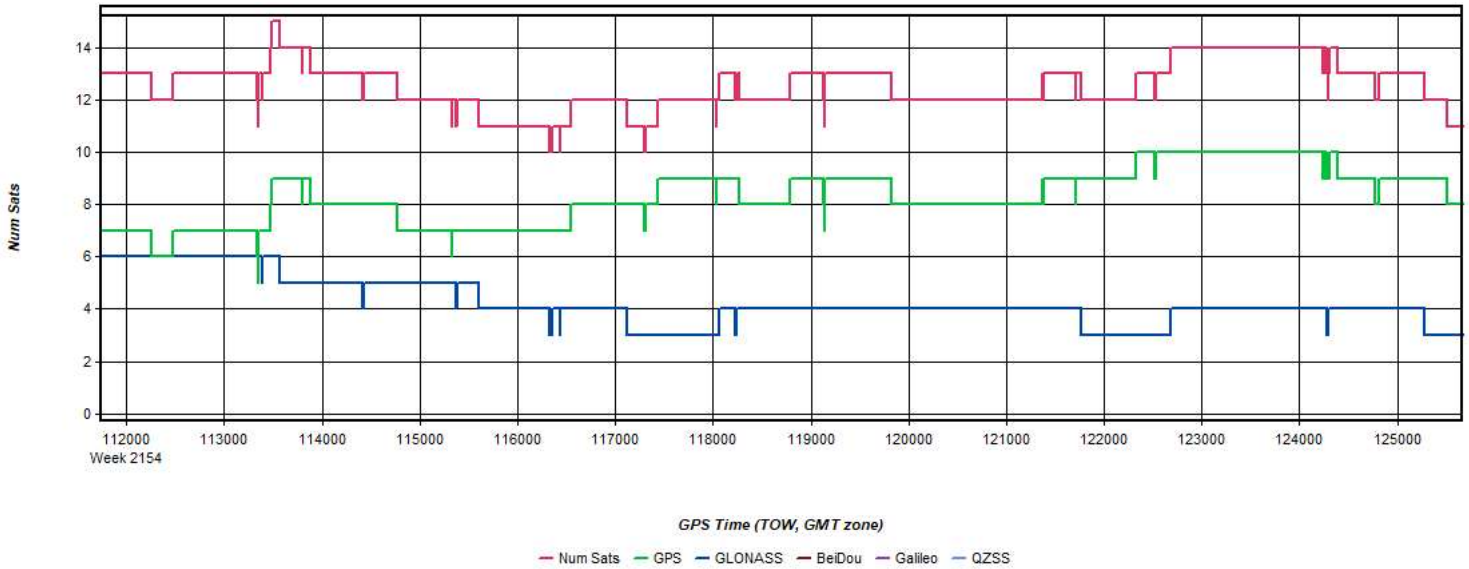
Process	20210419_070046_19	by Unknown	on 4/23/2021	at 16:37:32
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Figure 6: 20210419_070046_19 [Smoothed TC Combined] - PDOP Plot



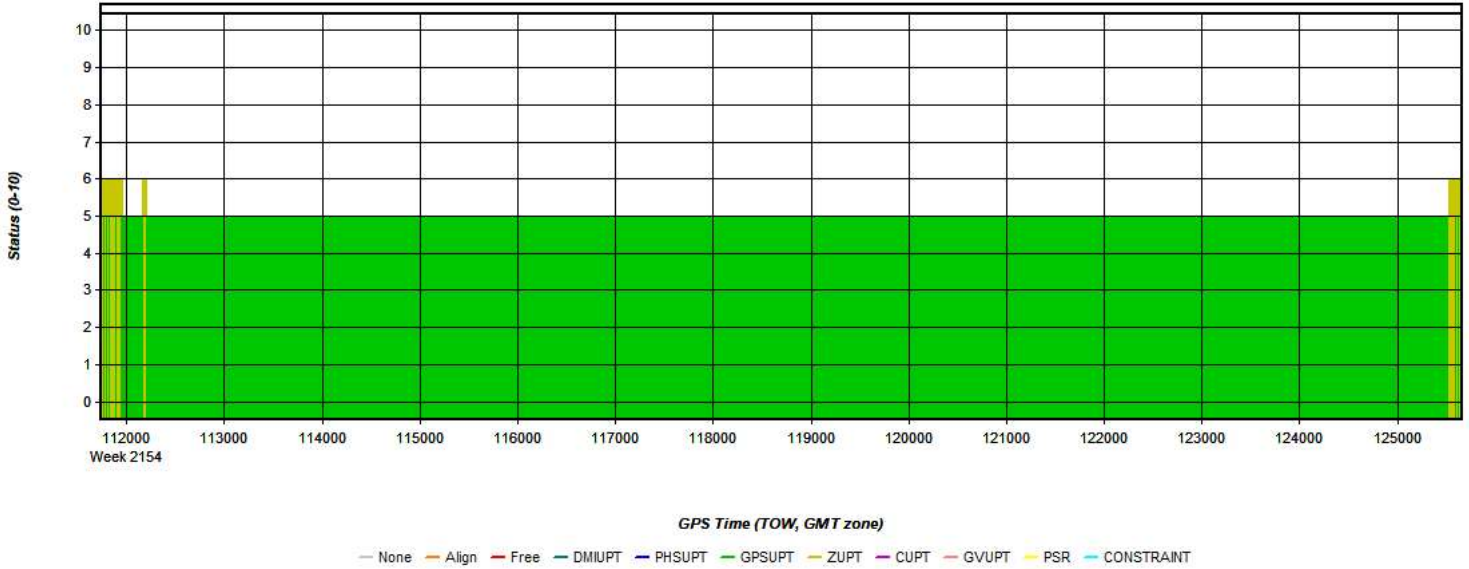
Process	20210419_070046_19	by Unknown	on 4/23/2021	at 16:37:32
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Figure 7: 20210419_070046_19 [Smoothed TC Combined] - Number of Satellites Line Plot



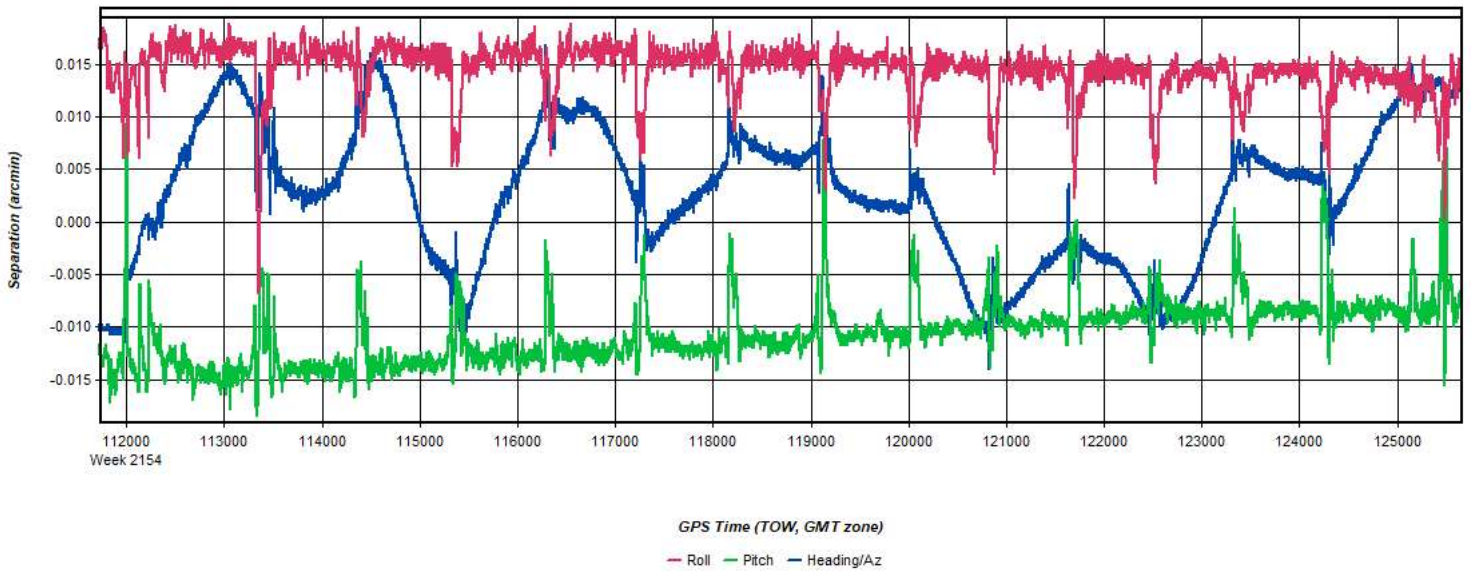
Process	20210419_070046_19	by Unknown	on 4/23/2021	at 16:37:32
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Figure 8: 20210419_070046_19 [Smoothed TC Combined] - Status flag for IMU processing



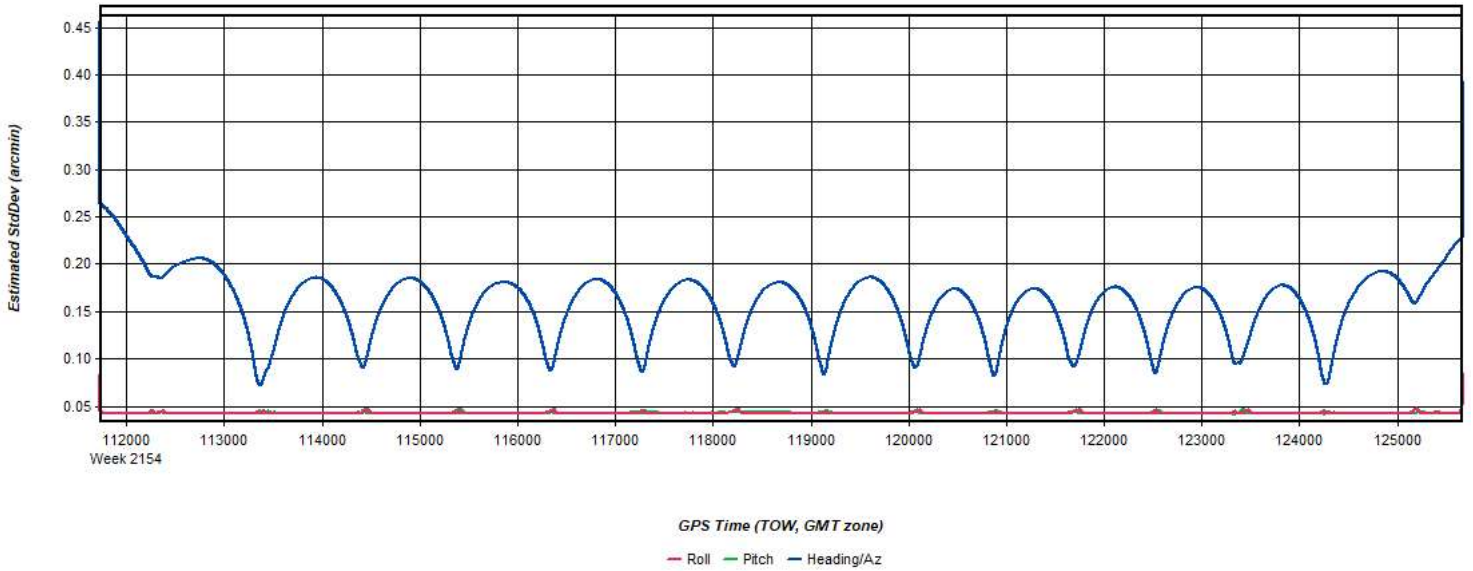
Process	20210419_070046_19	by Unknown	on 4/23/2021	at 16:37:32
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Figure 9: 20210419_070046_19 [Smoothed TC Combined] - Fwd/Rev Attitude Separation Plot



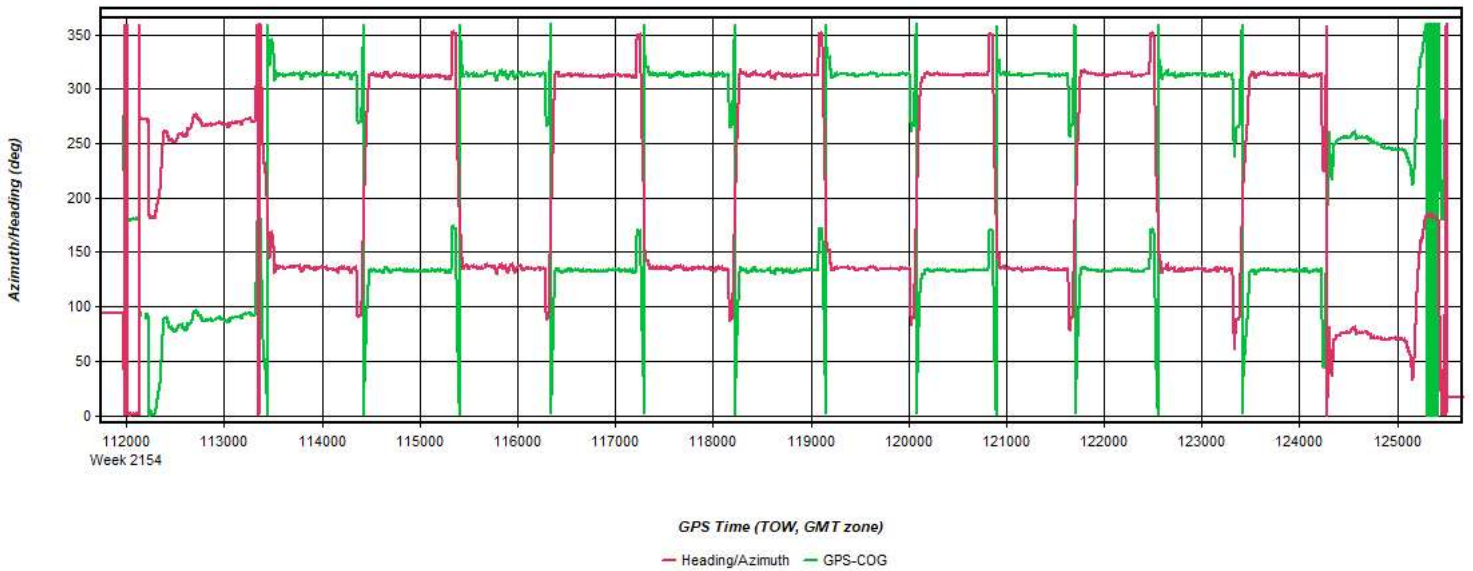
Process	20210419_070046_19	by Unknown	on 4/23/2021	at 16:37:32
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Figure 10: 20210419_070046_19 [Smoothed TC Combined] - Estimated Attitude Accuracy Plot



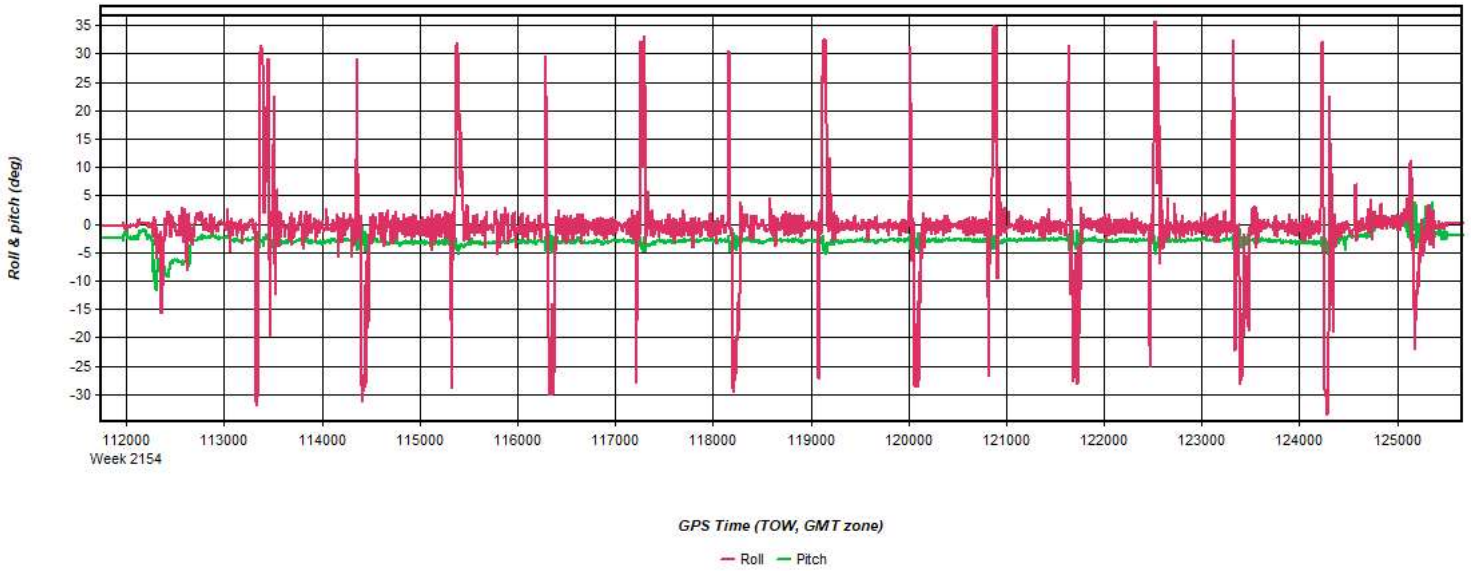
Process	20210419_070046_19	by Unknown	on 4/23/2021	at 16:37:32
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Figure 11: 20210419_070046_19 [Smoothed TC Combined] - Azimuth Plot



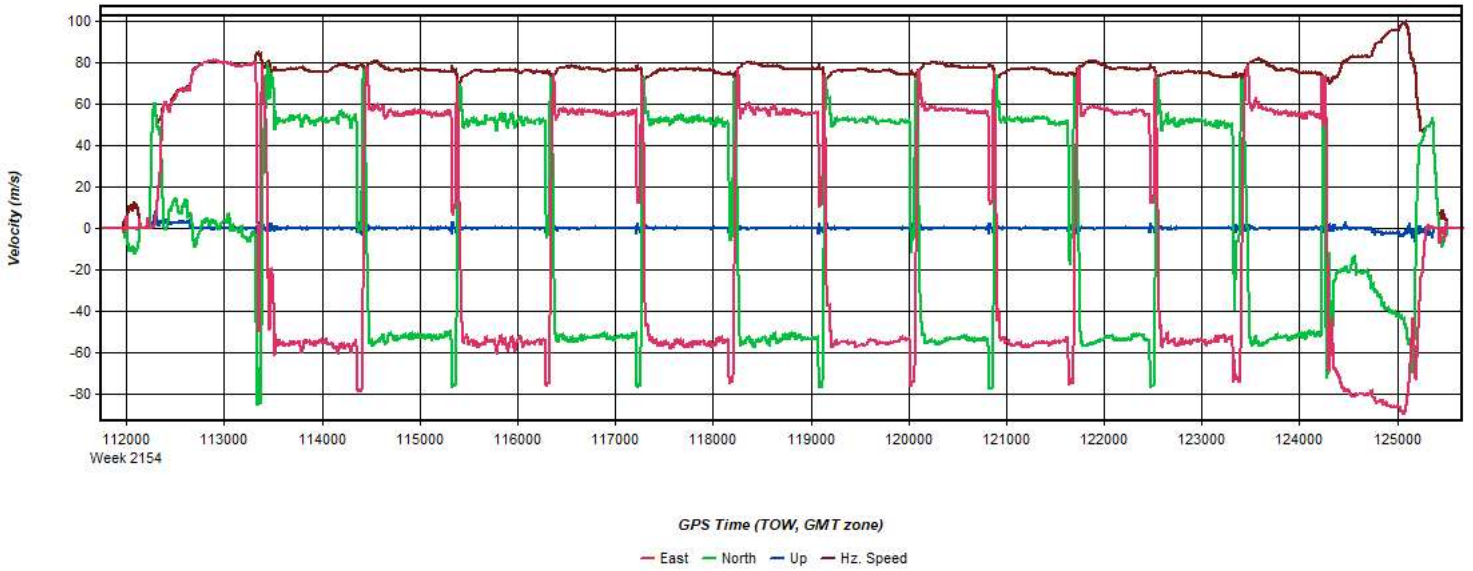
Process	20210419_070046_19	by Unknown	on 4/23/2021	at 16:37:32
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Figure 12: 20210419_070046_19 [Smoothed TC Combined] - Roll & Pitch Plot



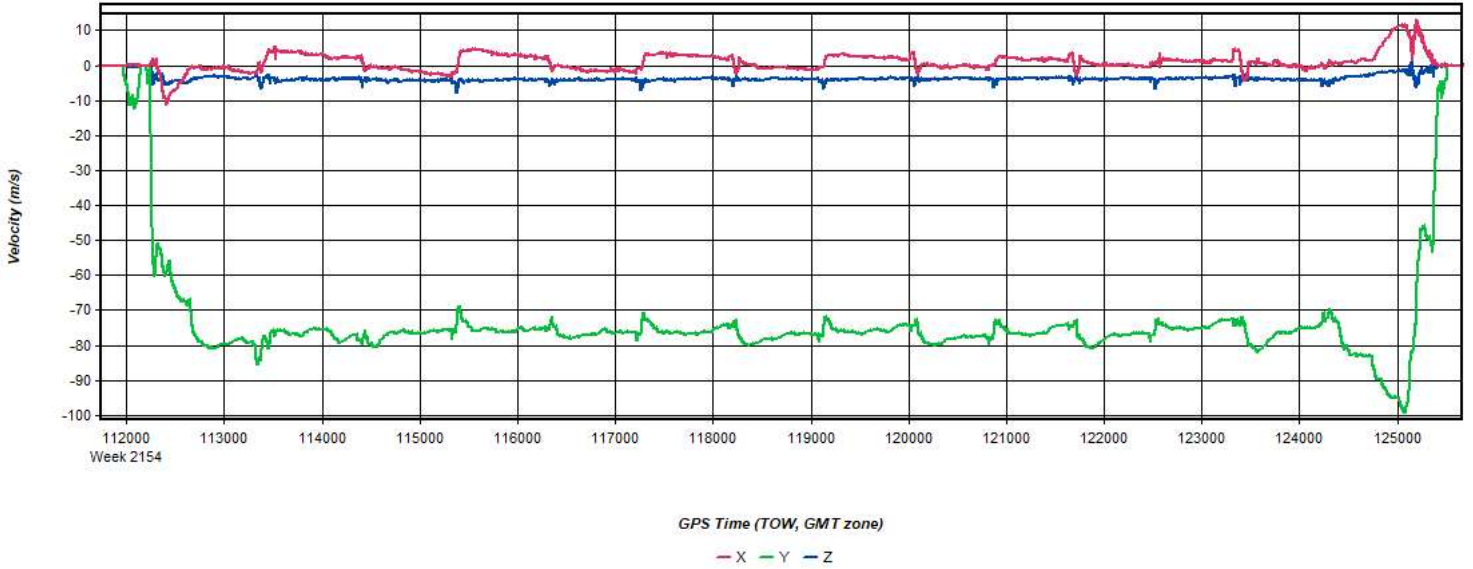
Process	20210419_070046_19	by Unknown	on 4/23/2021	at 16:37:32
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Figure 13: 20210419_070046_19 [Smoothed TC Combined] - Velocity Profile Plot



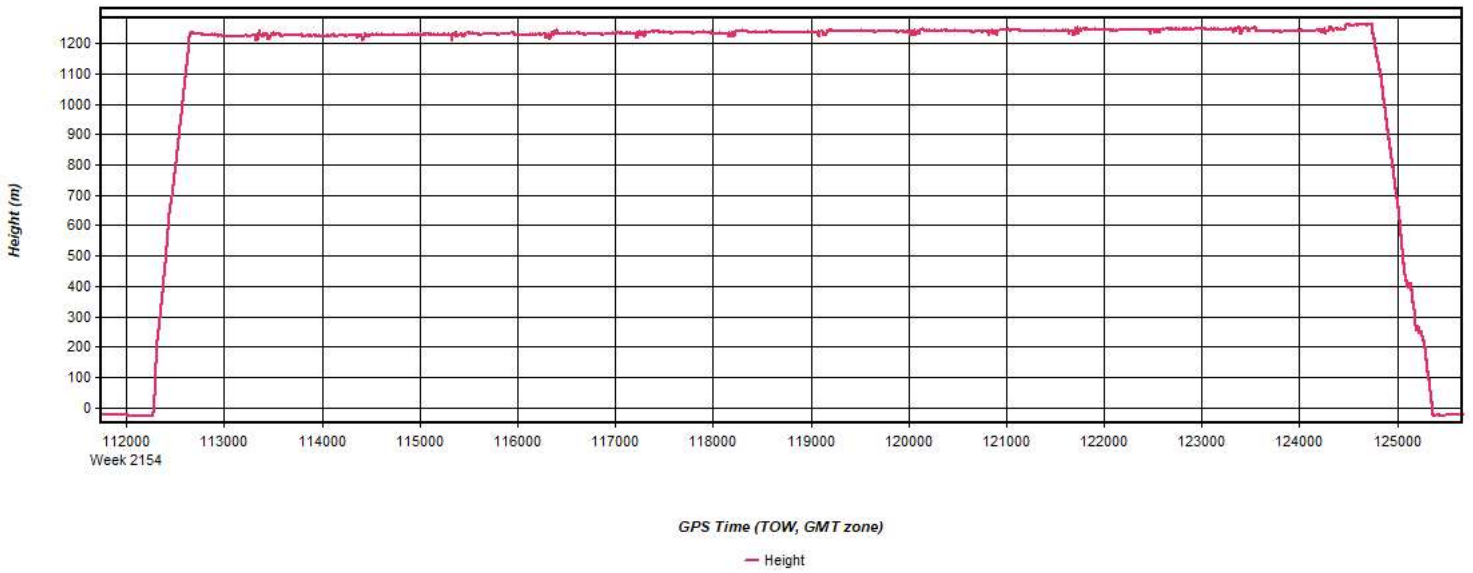
Process	20210419_070046_19	by Unknown	on 4/23/2021	at 16:37:32
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Figure 14: 20210419_070046_19 [Smoothed TC Combined] - Body Frame Velocity Plot



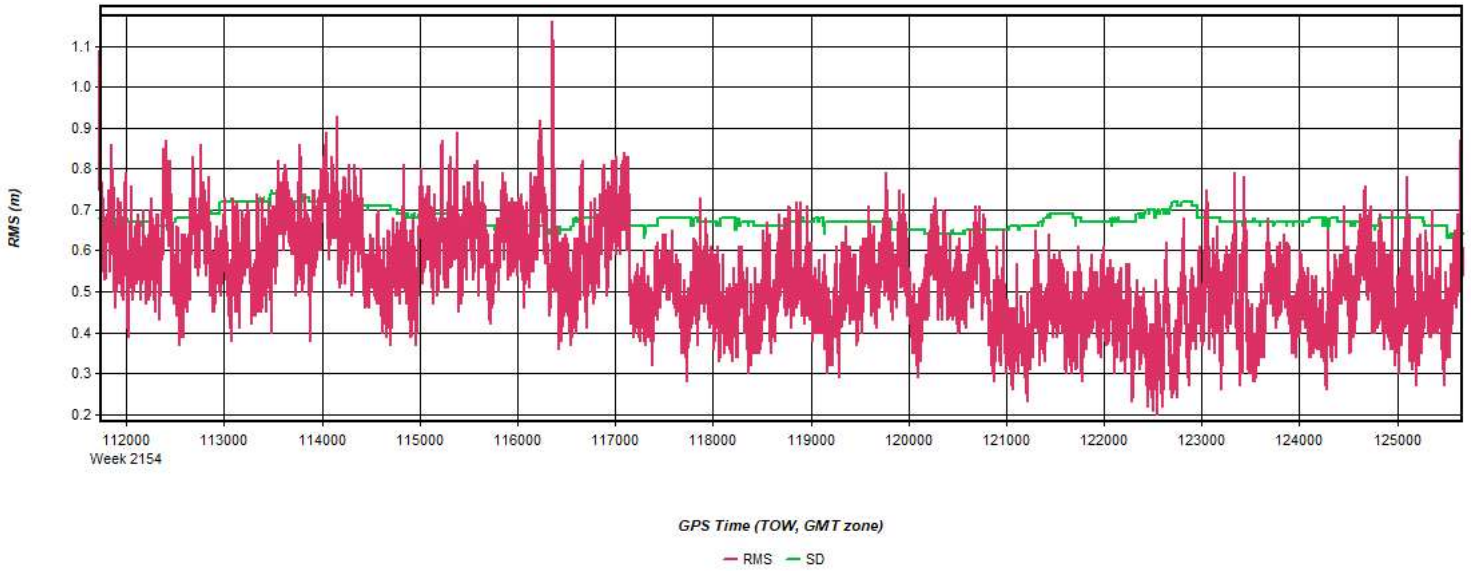
Process	20210419_070046_19	by Unknown	on 4/23/2021	at 16:37:32
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Figure 15: 20210419_070046_19 [Smoothed TC Combined] - Height Profile Plot



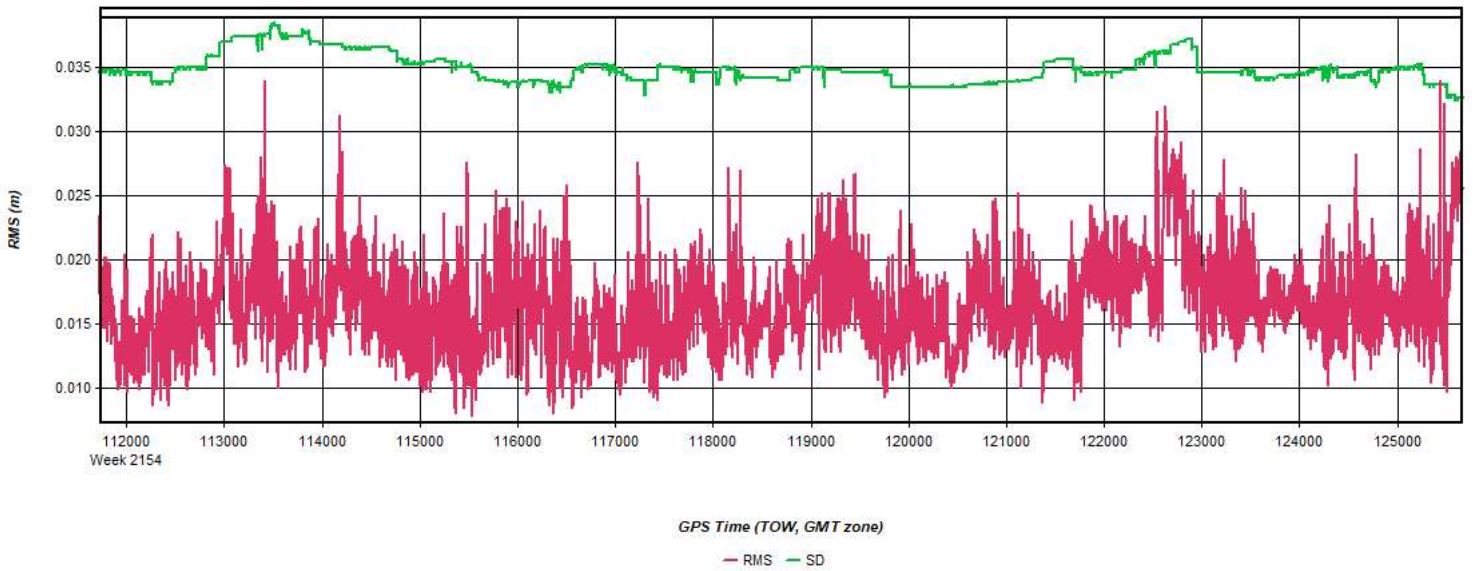
Process	20210419_070046_19	by Unknown	on 4/23/2021	at 16:37:32
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Figure 16: 20210419_070046_19 [Smoothed TC Combined] - C/A Code Residual RMS Plot



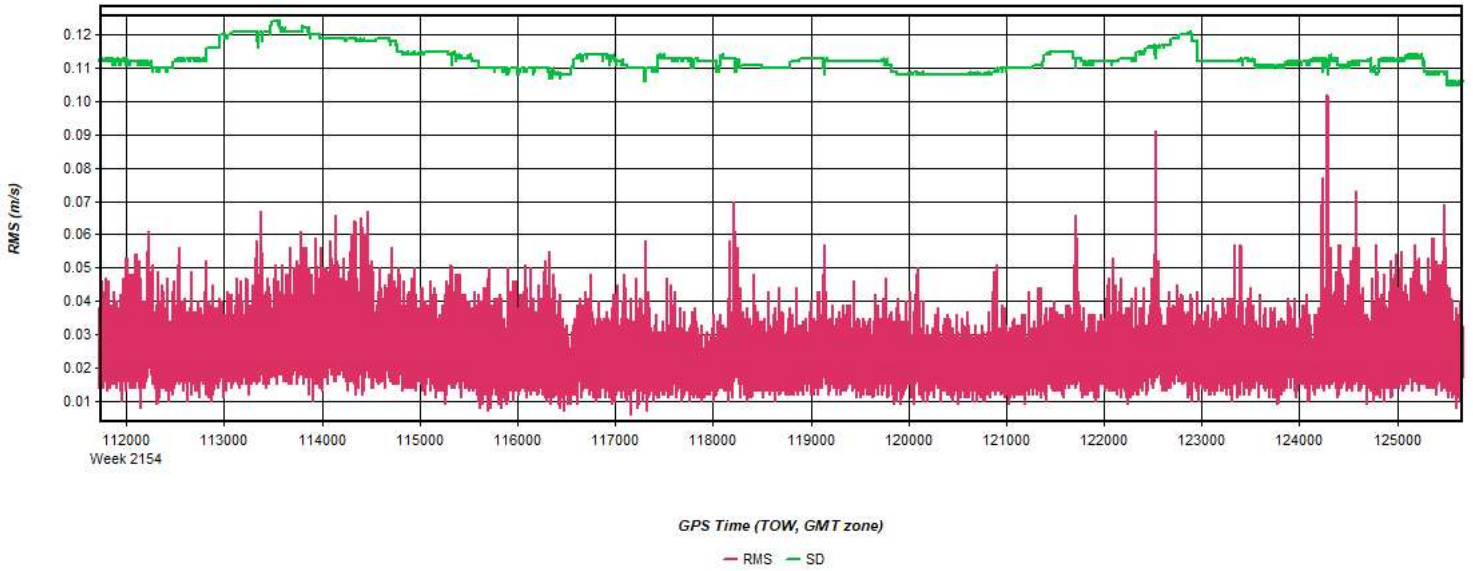
Process	20210419_070046_19	by Unknown	on 4/23/2021	at 16:37:32
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Figure 17: 20210419_070046_19 [Smoothed TC Combined] - Carrier Residual RMS Plot



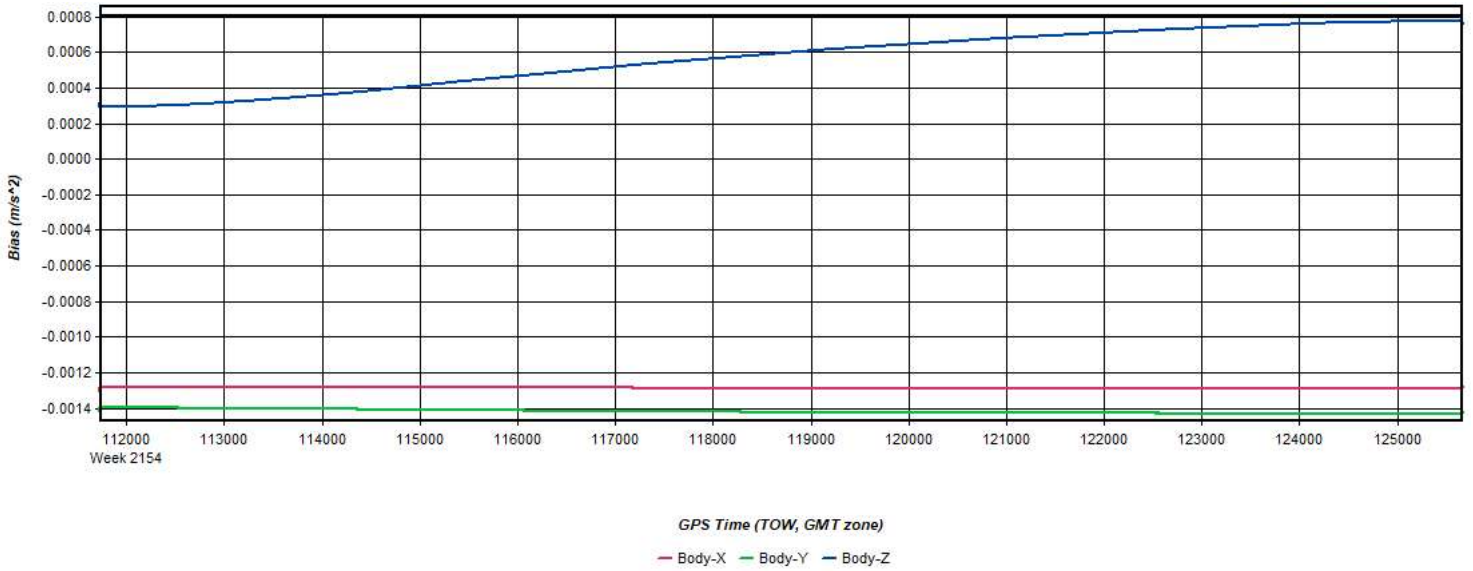
Process	20210419_070046_19	by Unknown	on 4/23/2021	at 16:37:32
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Figure 18: 20210419_070046_19 [Smoothed TC Combined] - L1 Doppler Residual RMS Plot



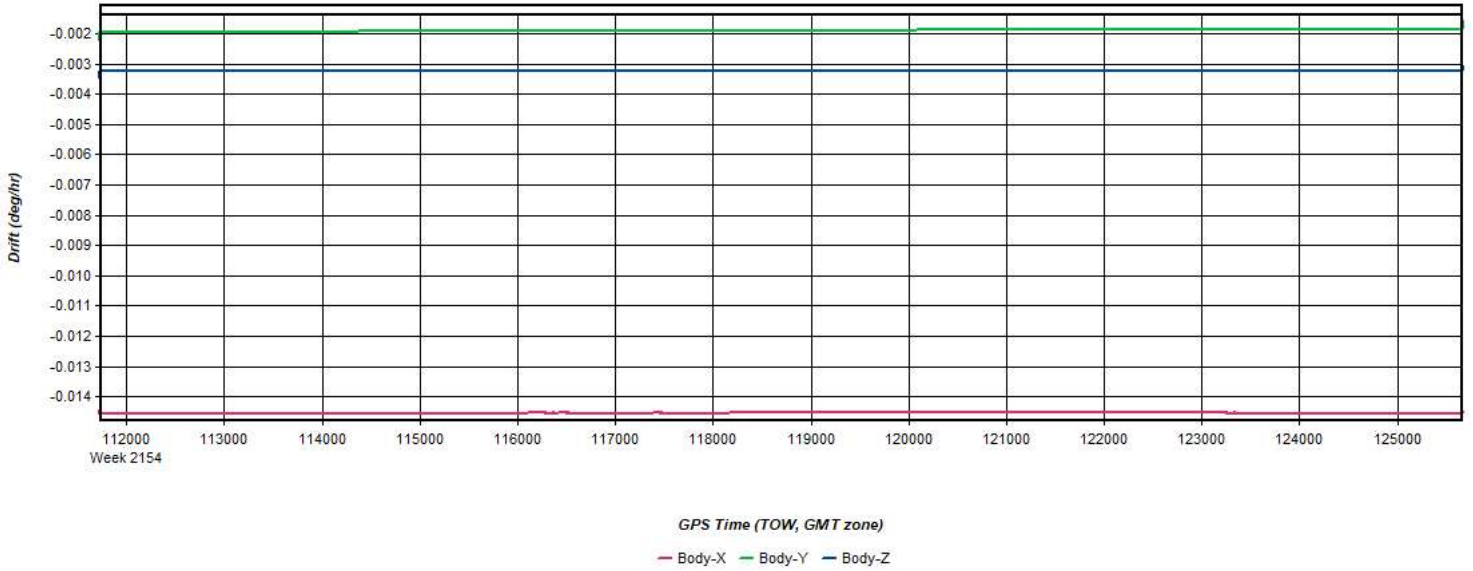
Process	20210419_070046_19	by Unknown	on 4/23/2021	at 16:37:32
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Figure 19: 20210419_070046_19 [Smoothed TC Combined] - Accelerometer Bias Plot



Process	20210419_070046_19	by Unknown	on 4/23/2021	at 16:37:32
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Figure 20: 20210419_070046_19 [Smoothed TC Combined] - Gyro Drift Plot

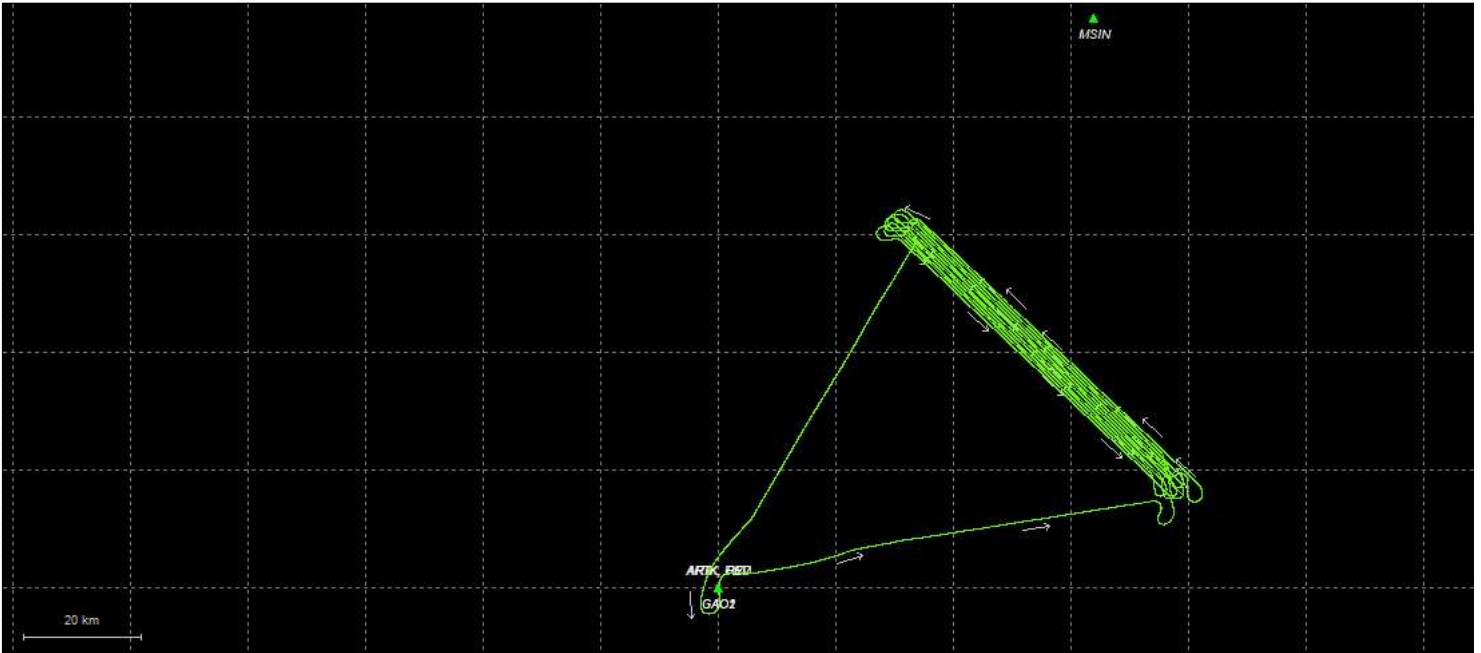


Process	20210419_070046_19	by Unknown	on 4/23/2021	at 16:37:32
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Output Results for 20210419_111831_20

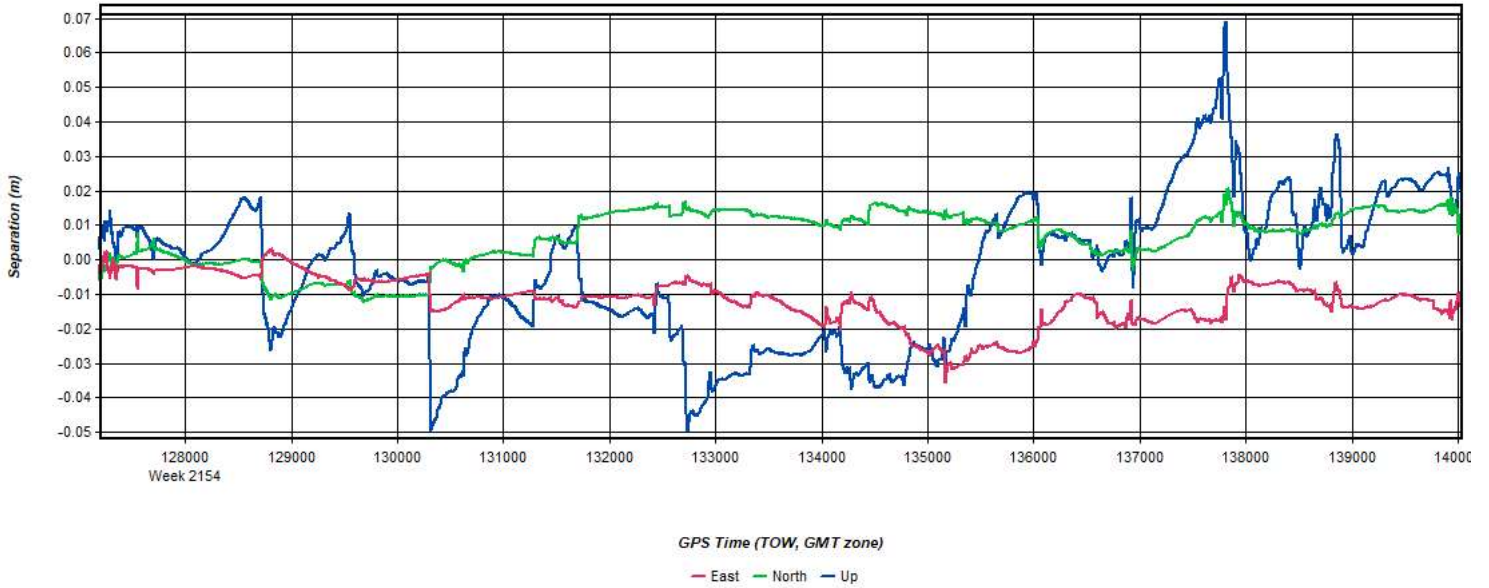
Inertial Explorer Version 8.90.2124
04/23/2021

Figure 1: Smoothed TC Combined - Map



Process	20210419_111831_20	by Unknown	on 4/23/2021	at 17:41:03
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Figure 2: 20210419_111831_20 [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot



Process	20210419_111831_20	by Unknown	on 4/23/2021	at 17:41:03
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Figure 3: 20210419_111831_20 [Smoothed TC Combined] - Float or Fixed Ambiguity

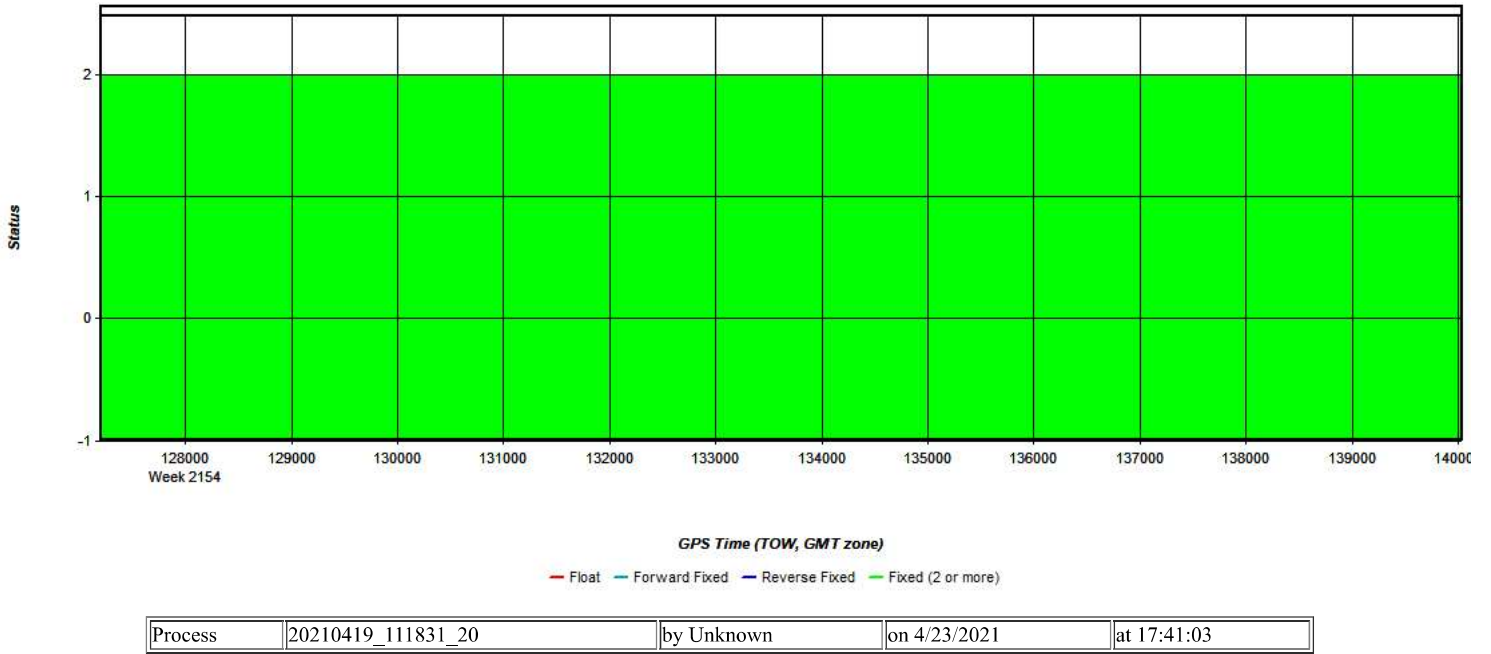


Figure 4: 20210419_111831_20 [Smoothed TC Combined] - Forward/Reverse Separation Plot (Fixed)

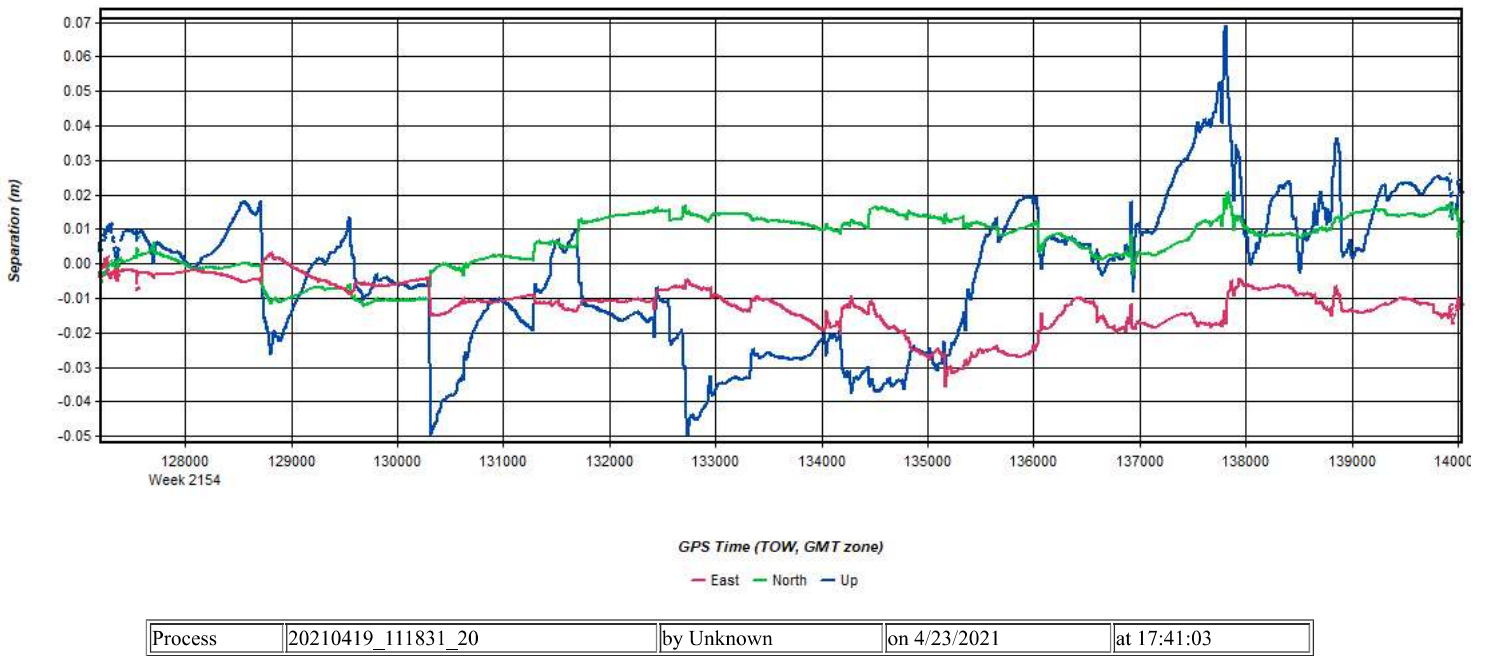
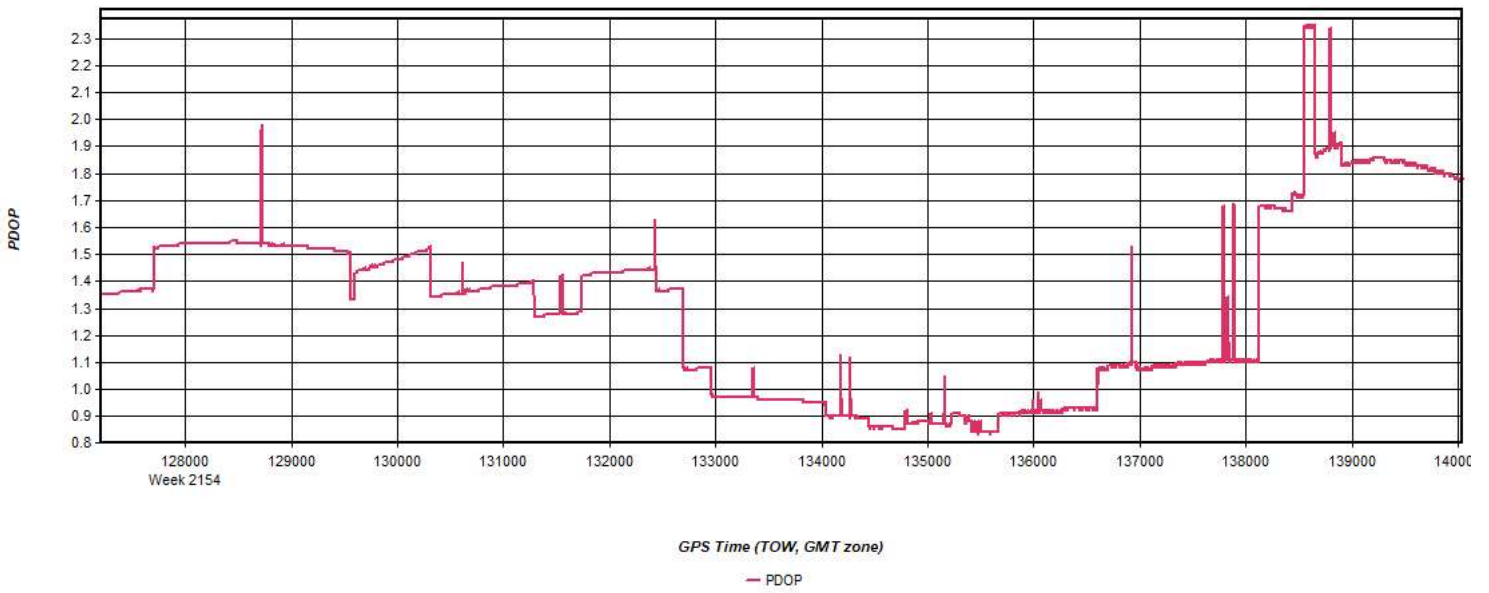


Figure 5: 20210419_111831_20 [Smoothed TC Combined] - Estimated Position Accuracy Plot



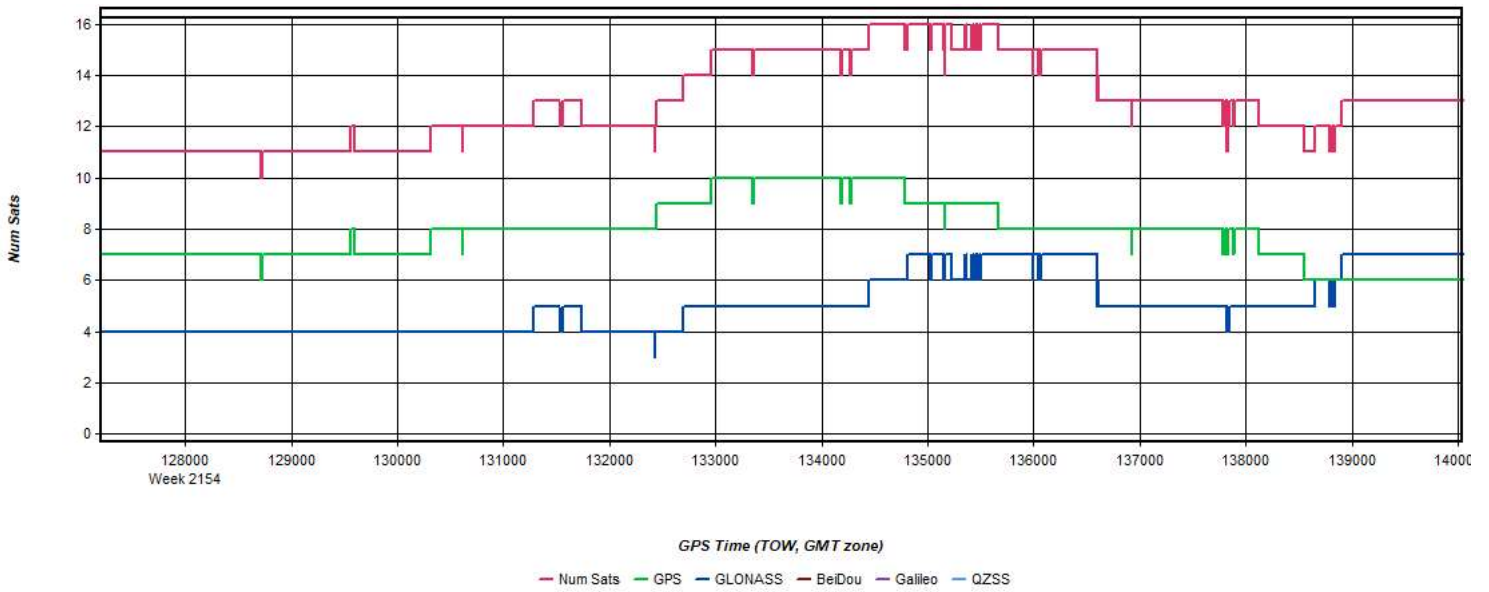
Process	20210419_111831_20	by Unknown	on 4/23/2021	at 17:41:03
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Figure 6: 20210419_111831_20 [Smoothed TC Combined] - PDOP Plot



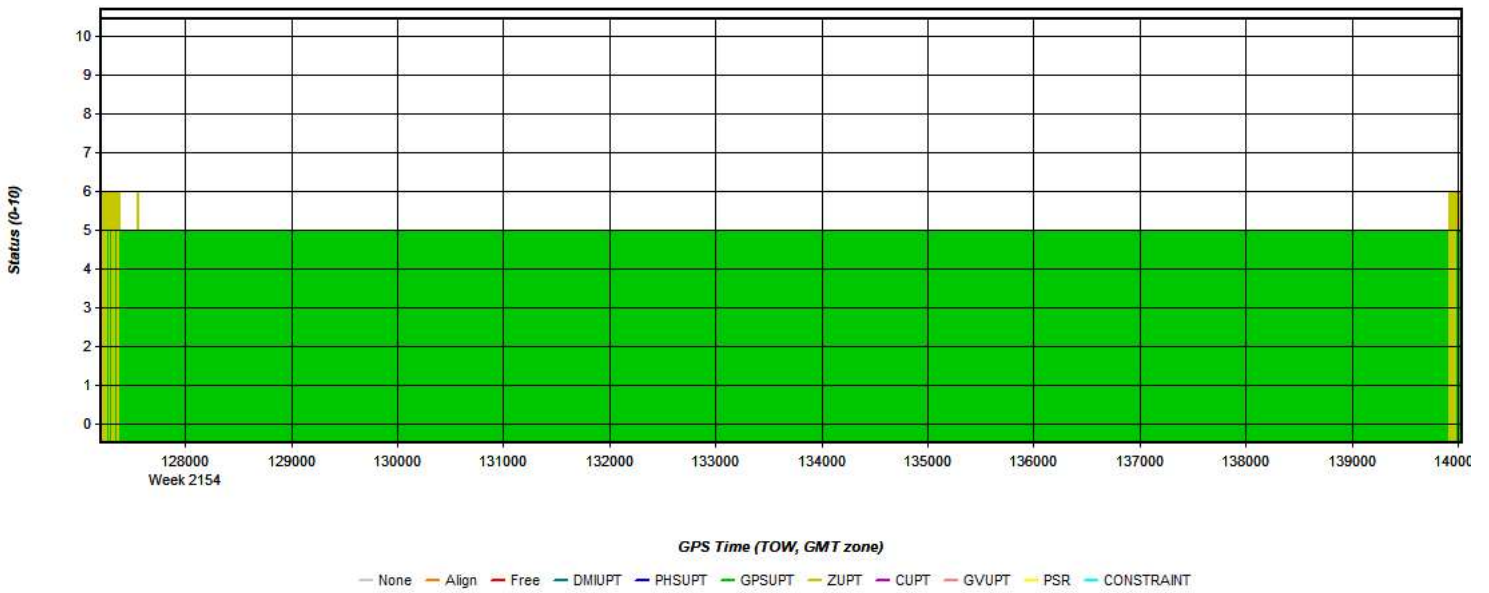
Process	20210419_111831_20	by Unknown	on 4/23/2021	at 17:41:03
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Figure 7: 20210419_111831_20 [Smoothed TC Combined] - Number of Satellites Line Plot



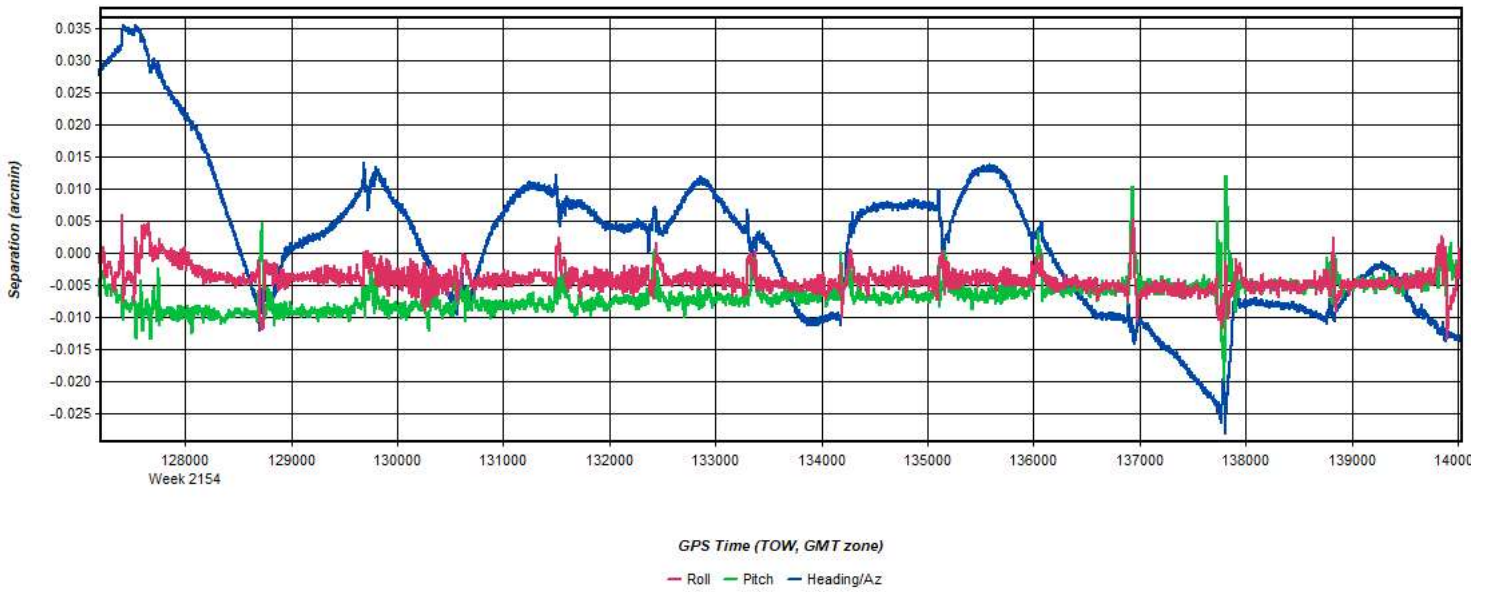
Process	20210419_111831_20	by Unknown	on 4/23/2021	at 17:41:03
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Figure 8: 20210419_111831_20 [Smoothed TC Combined] - Status flag for IMU processing



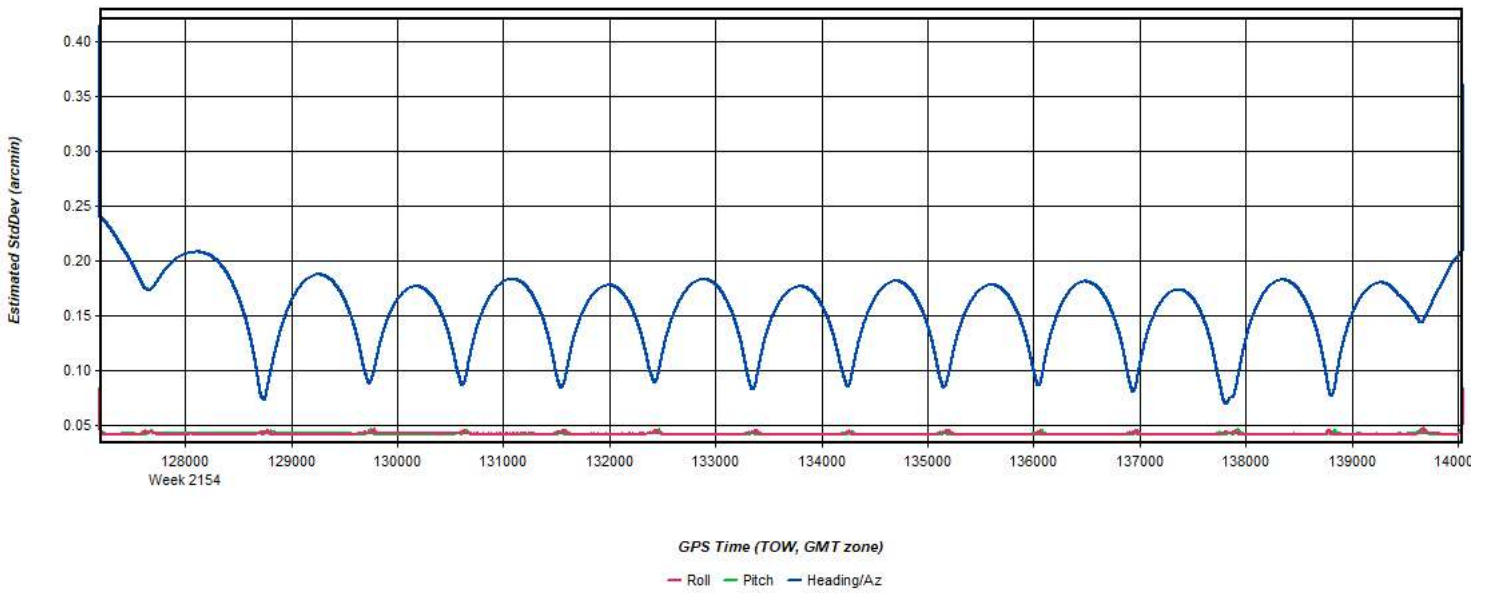
Process	20210419_111831_20	by Unknown	on 4/23/2021	at 17:41:03
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Figure 9: 20210419_111831_20 [Smoothed TC Combined] - Fwd/Rev Attitude Separation Plot



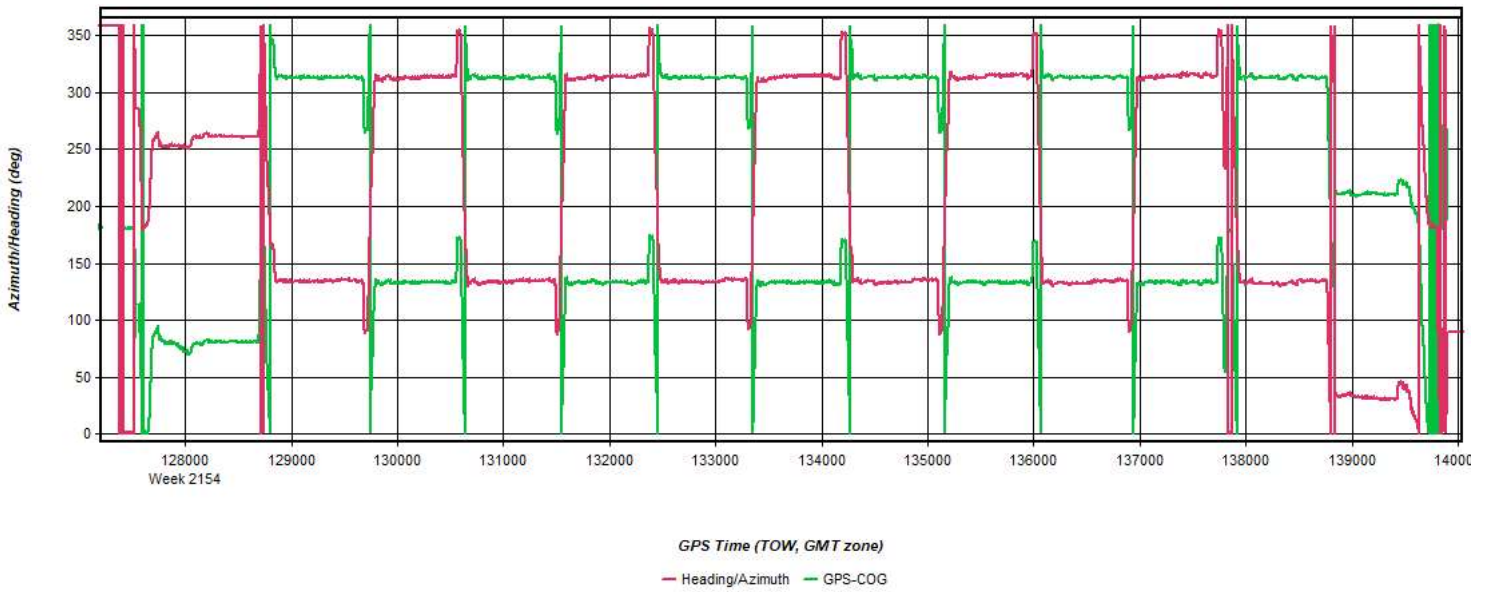
Process	20210419_111831_20	by Unknown	on 4/23/2021	at 17:41:03
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Figure 10: 20210419_111831_20 [Smoothed TC Combined] - Estimated Attitude Accuracy Plot



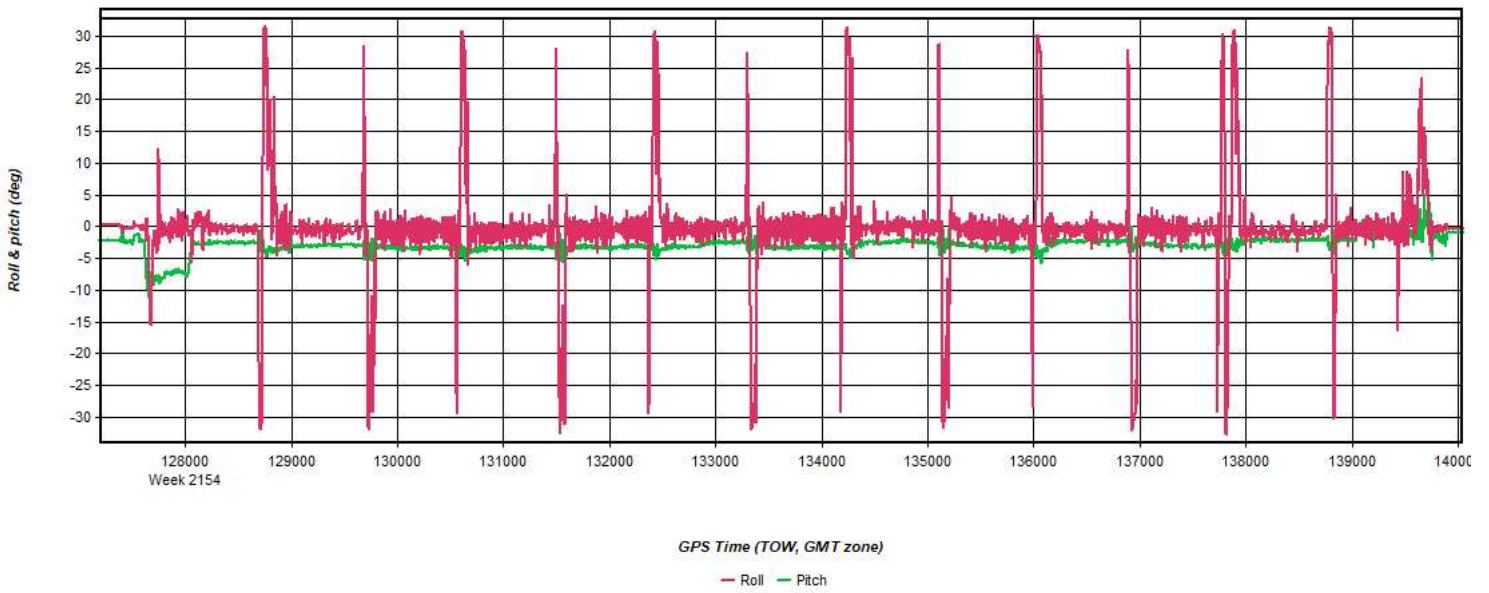
Process	20210419_111831_20	by Unknown	on 4/23/2021	at 17:41:03
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Figure 11: 20210419_111831_20 [Smoothed TC Combined] - Azimuth Plot



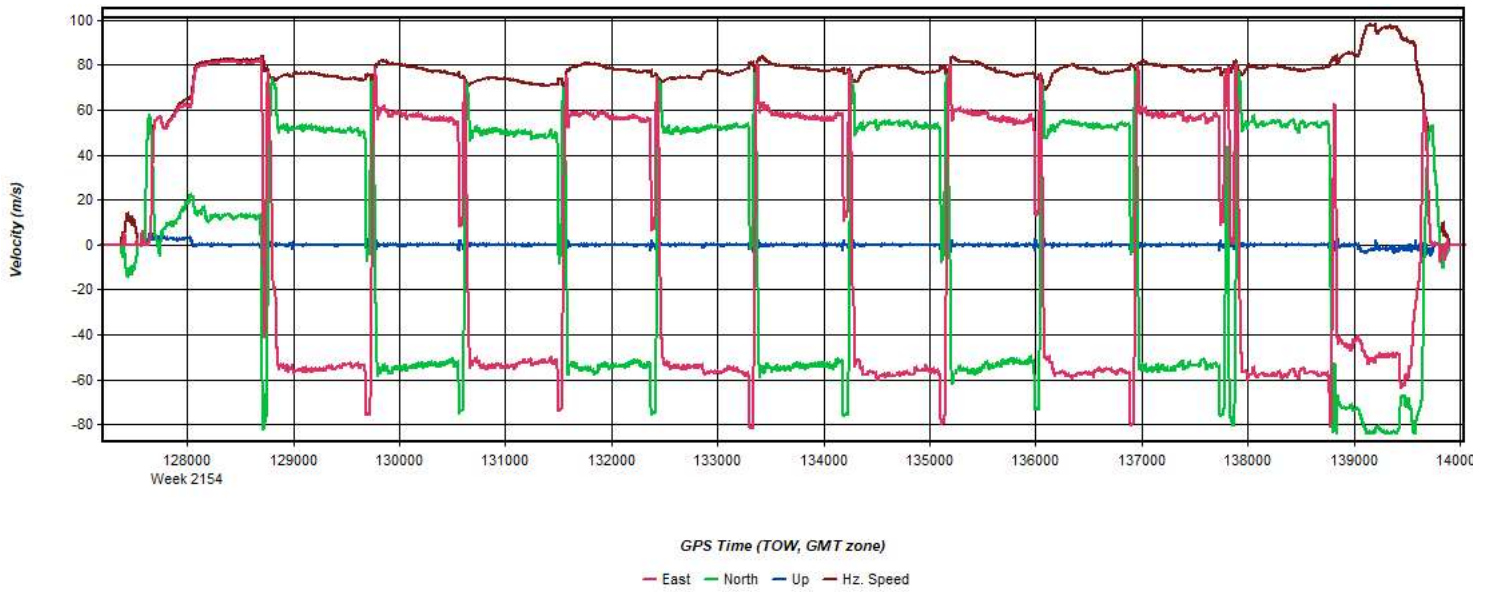
Process	20210419_111831_20	by Unknown	on 4/23/2021	at 17:41:03
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Figure 12: 20210419_111831_20 [Smoothed TC Combined] - Roll & Pitch Plot



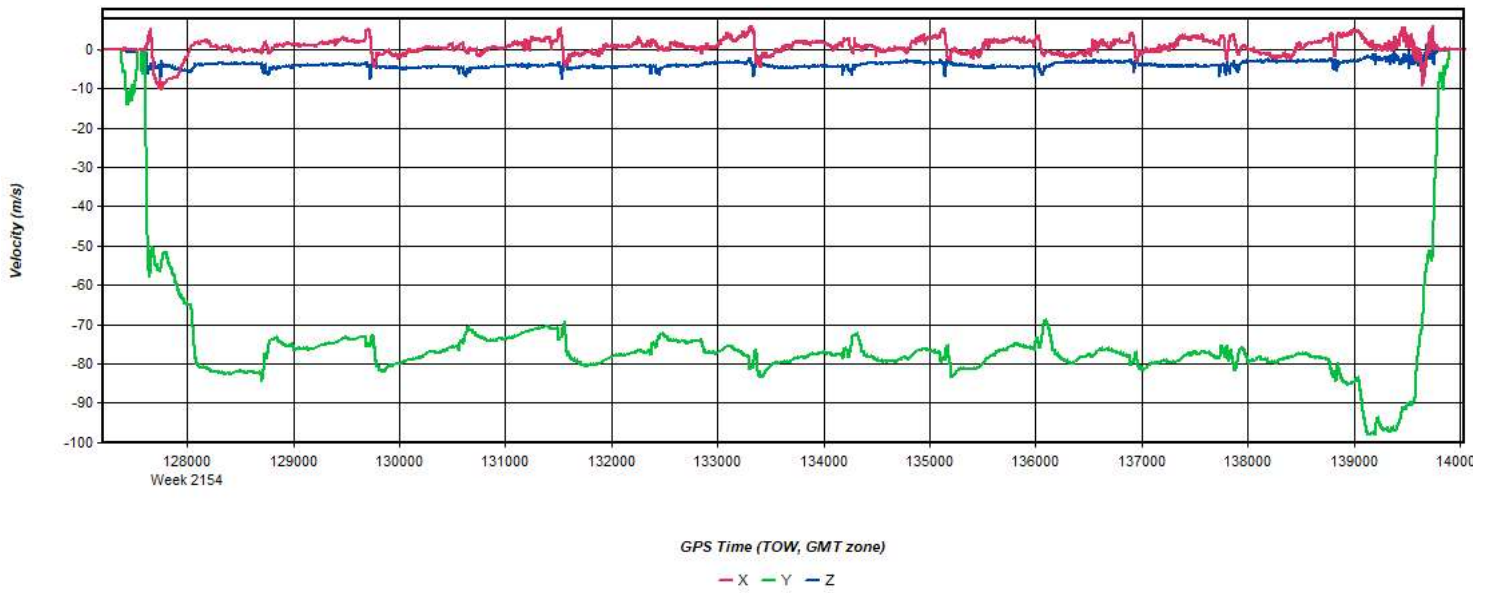
Process	20210419_111831_20	by Unknown	on 4/23/2021	at 17:41:03
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Figure 13: 20210419_111831_20 [Smoothed TC Combined] - Velocity Profile Plot



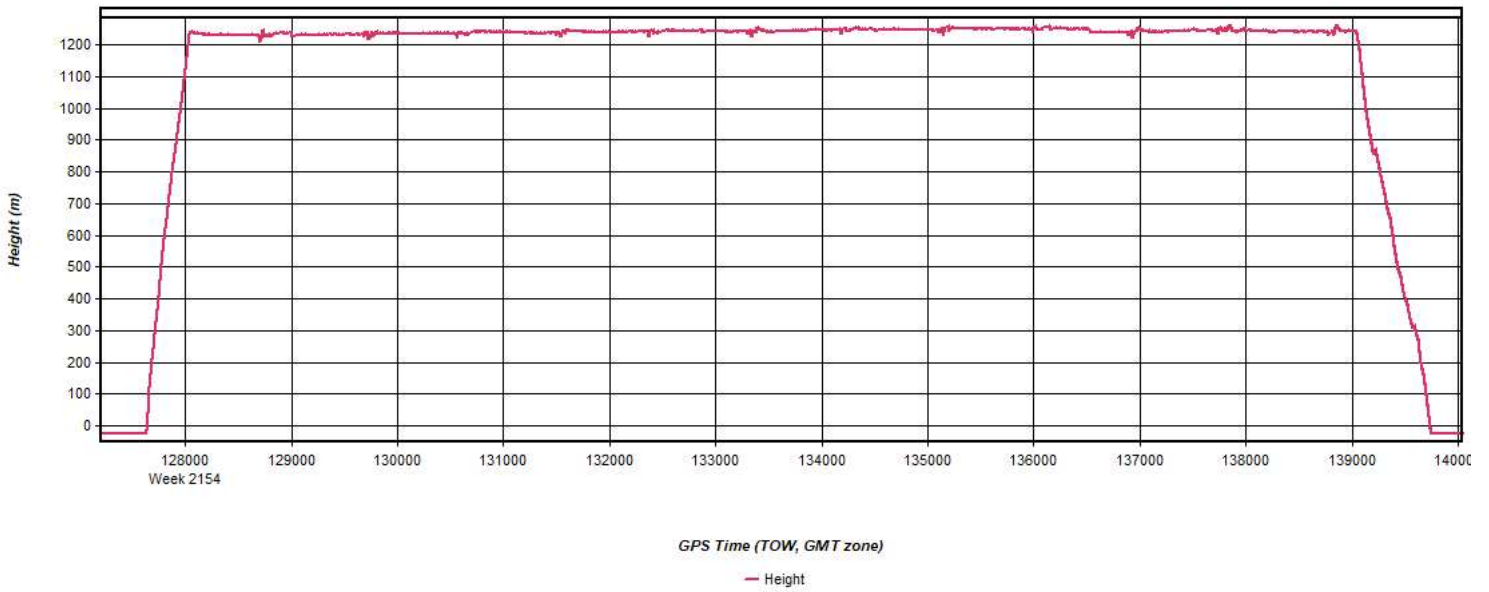
Process	20210419_111831_20	by Unknown	on 4/23/2021	at 17:41:03
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Figure 14: 20210419_111831_20 [Smoothed TC Combined] - Body Frame Velocity Plot



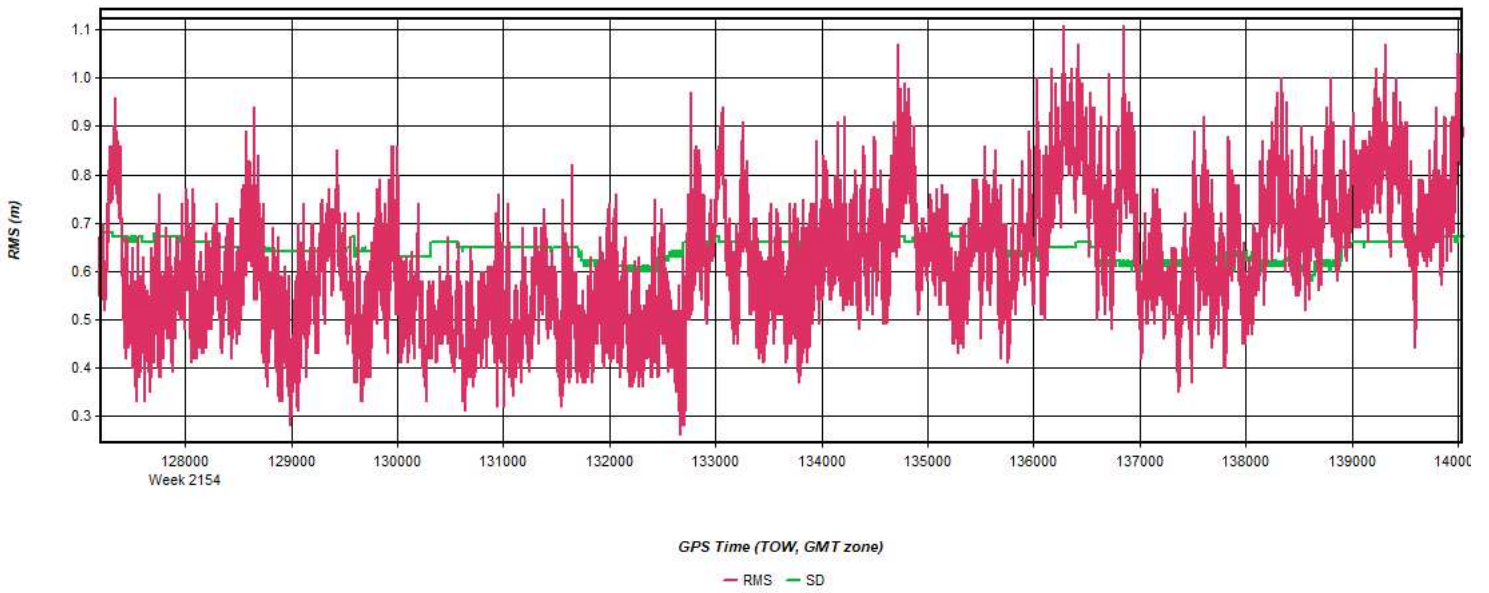
Process	20210419_111831_20	by Unknown	on 4/23/2021	at 17:41:03
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Figure 15: 20210419_111831_20 [Smoothed TC Combined] - Height Profile Plot



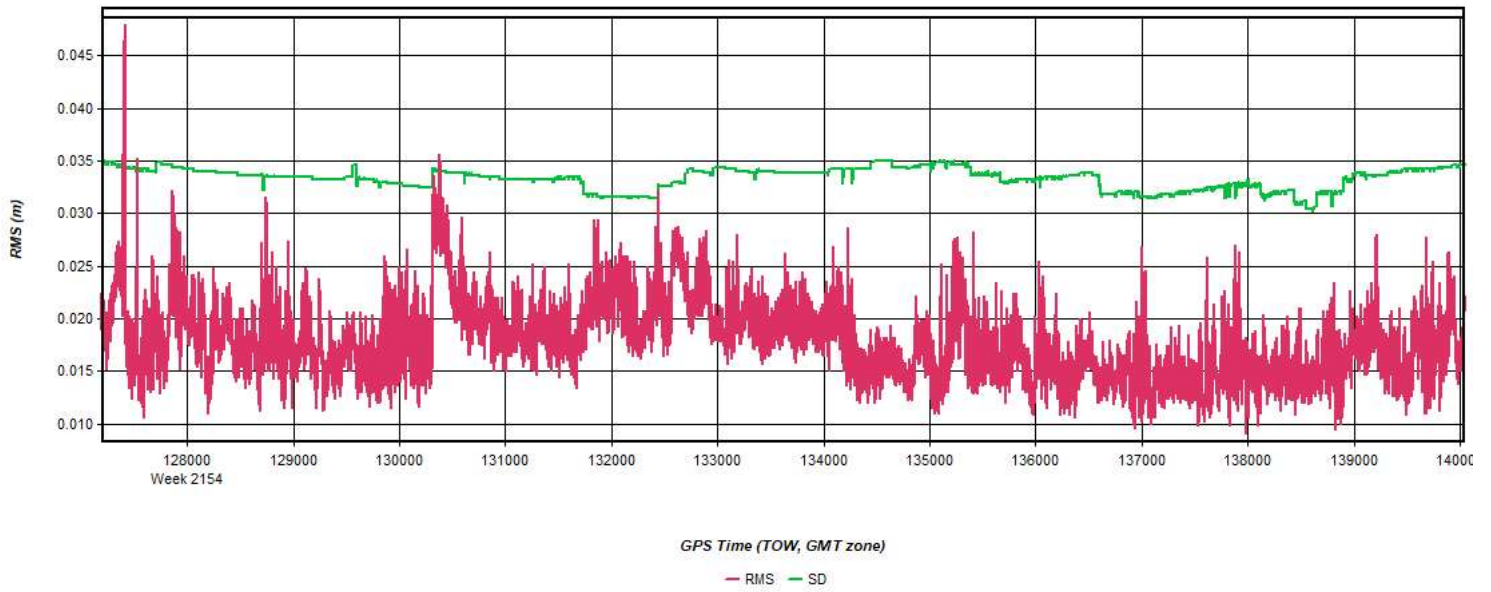
Process	20210419_111831_20	by Unknown	on 4/23/2021	at 17:41:03
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Figure 16: 20210419_111831_20 [Smoothed TC Combined] - C/A Code Residual RMS Plot



Process	20210419_111831_20	by Unknown	on 4/23/2021	at 17:41:03
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Figure 17: 20210419_111831_20 [Smoothed TC Combined] - Carrier Residual RMS Plot



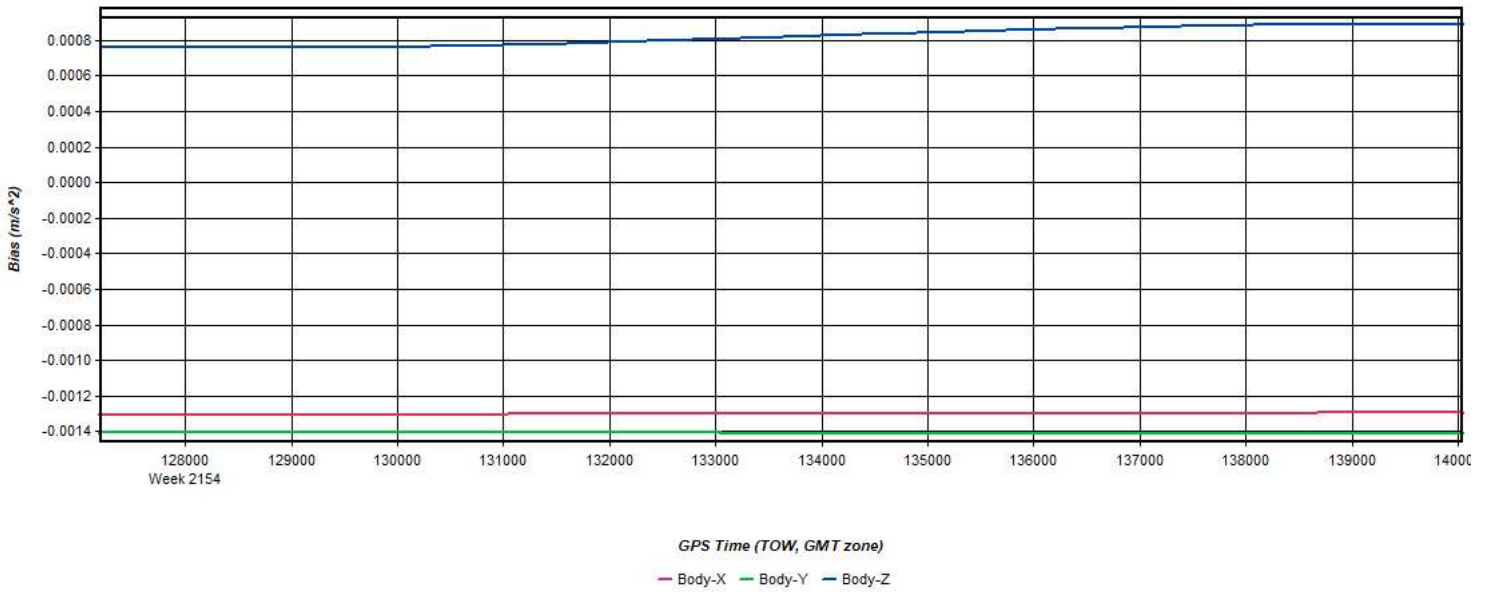
Process	20210419_111831_20	by Unknown	on 4/23/2021	at 17:41:03
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Figure 18: 20210419_111831_20 [Smoothed TC Combined] - L1 Doppler Residual RMS Plot



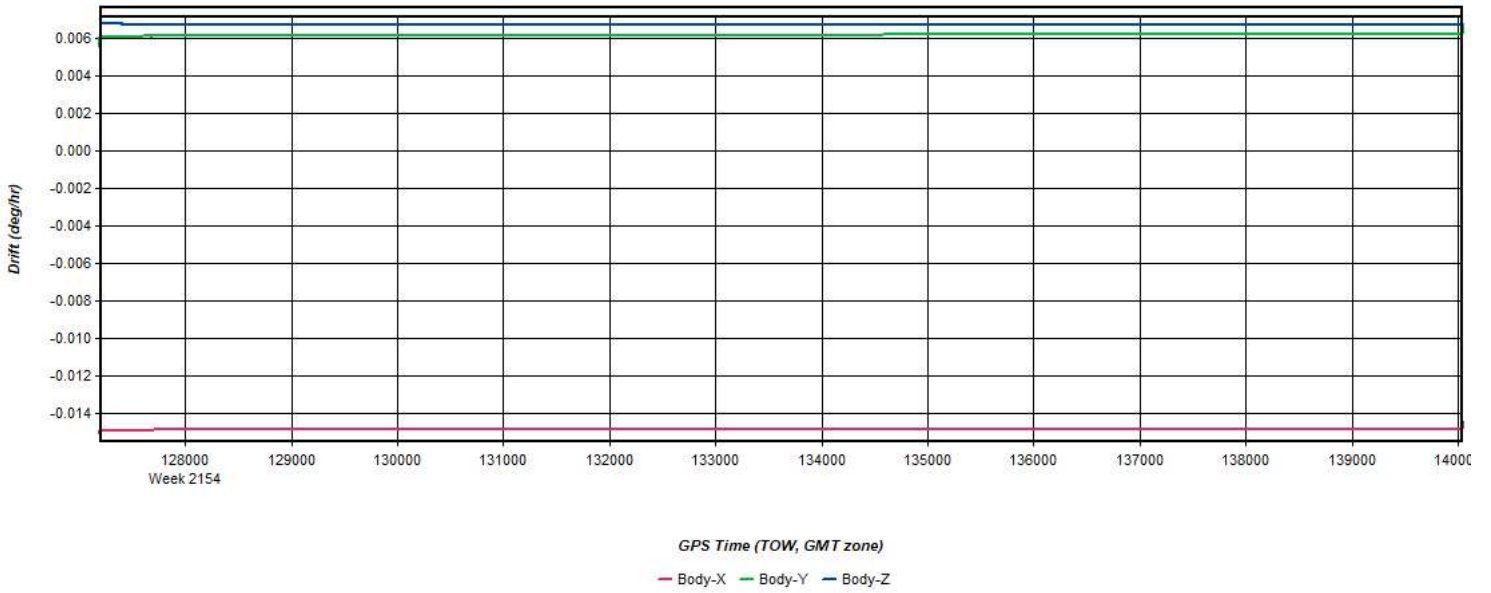
Process	20210419_111831_20	by Unknown	on 4/23/2021	at 17:41:03
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Figure 19: 20210419_111831_20 [Smoothed TC Combined] - Accelerometer Bias Plot



Process	20210419_111831_20	by Unknown	on 4/23/2021	at 17:41:03
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Figure 20: 20210419_111831_20 [Smoothed TC Combined] - Gyro Drift Plot

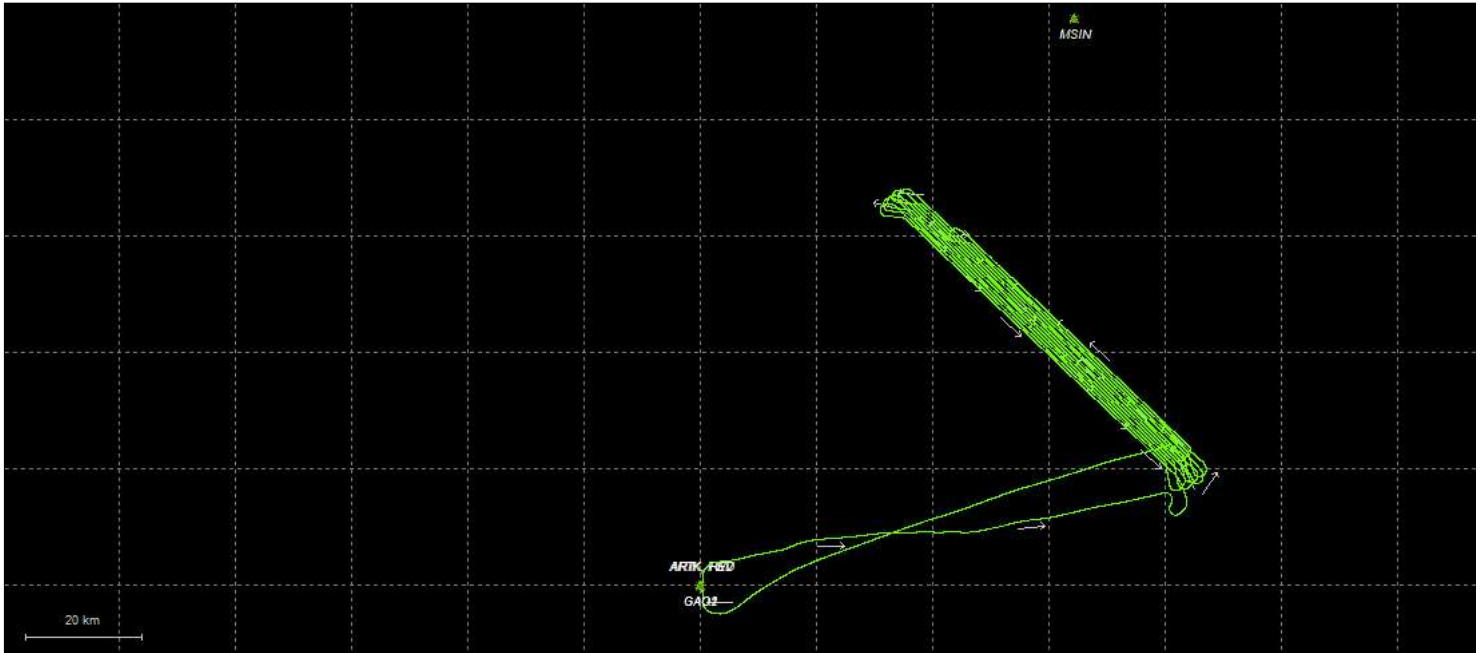


Process	20210419_111831_20	by Unknown	on 4/23/2021	at 17:41:03
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Output Results for 20210420_083815_21

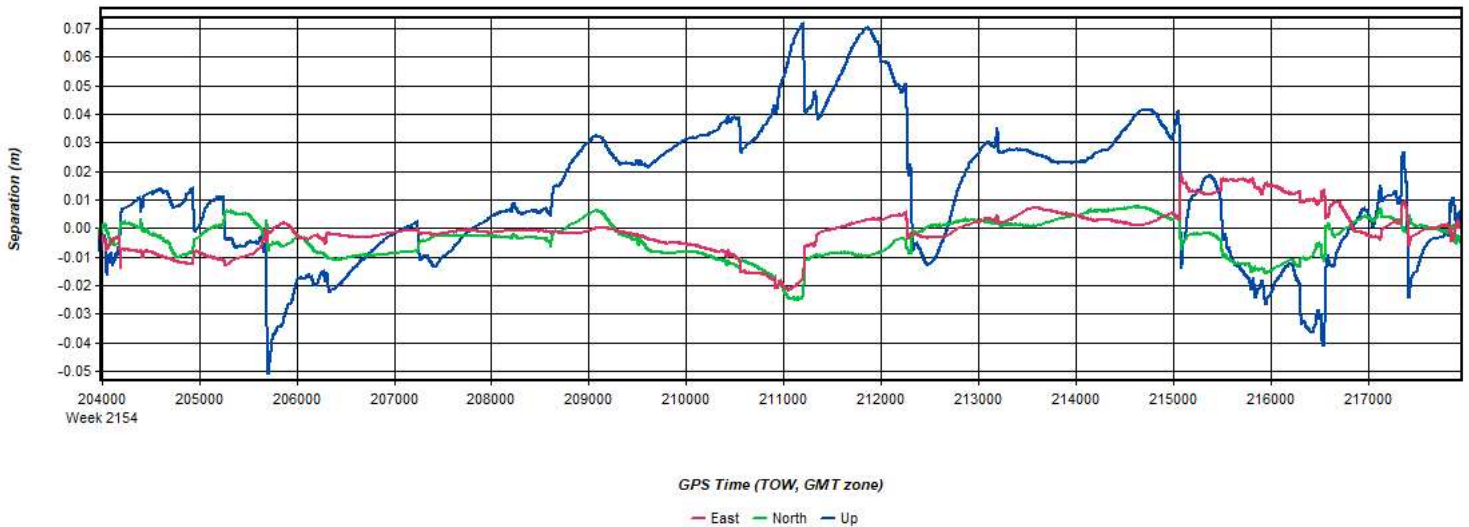
Inertial Explorer Version 8.90.2124
04/26/2021

Figure 1: Smoothed TC Combined - Map



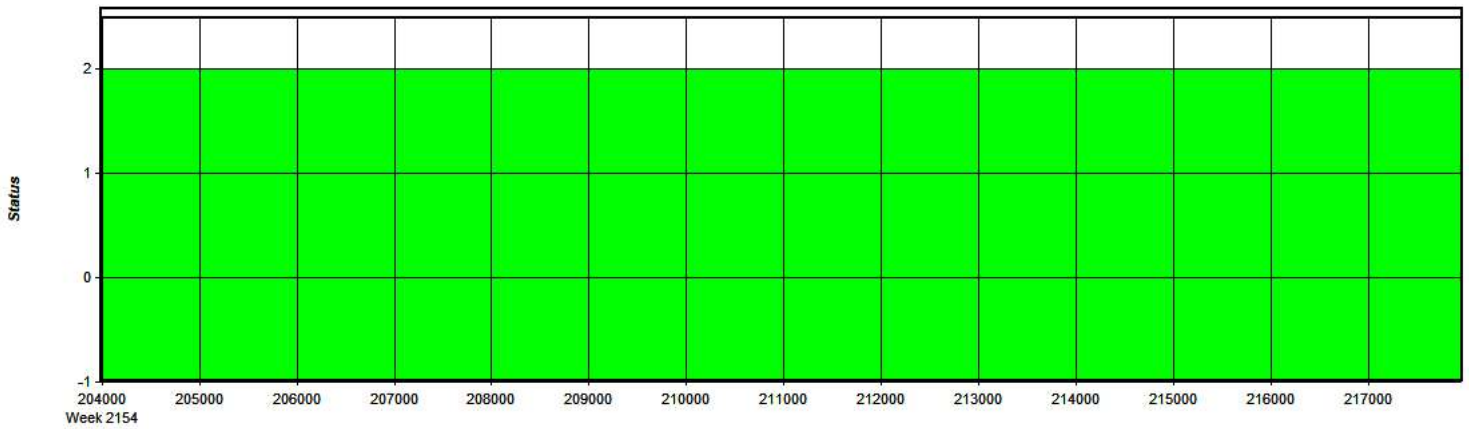
Process	20210420_083815_21	by Unknown	on 4/26/2021	at 10:29:57
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Figure 2: 20210420_083815_21 [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot



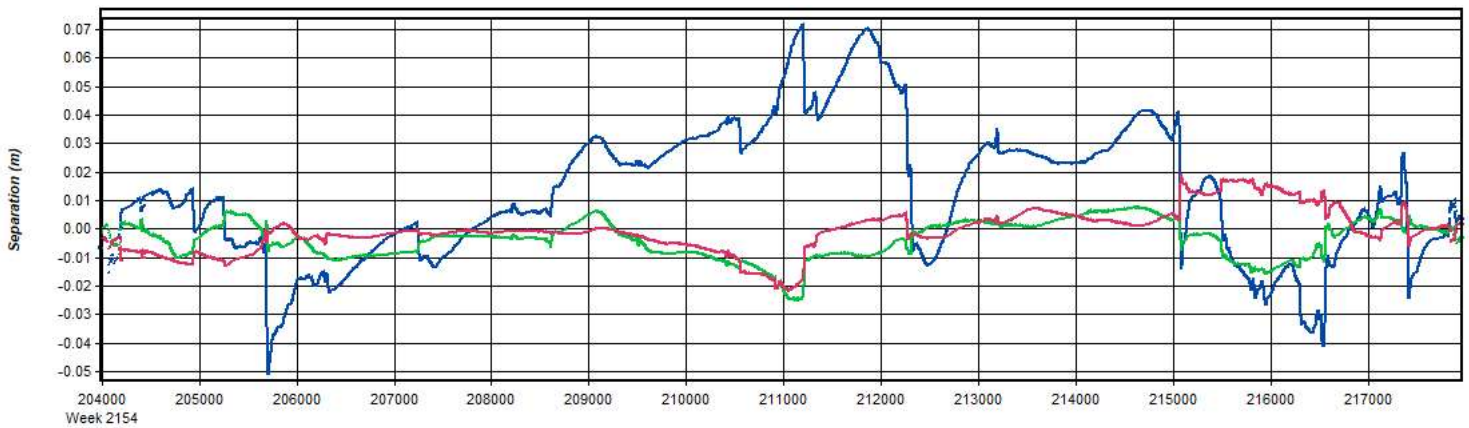
Process	20210420_083815_21	by Unknown	on 4/26/2021	at 10:29:57
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Figure 3: 20210420_083815_21 [Smoothed TC Combined] - Float or Fixed Ambiguity



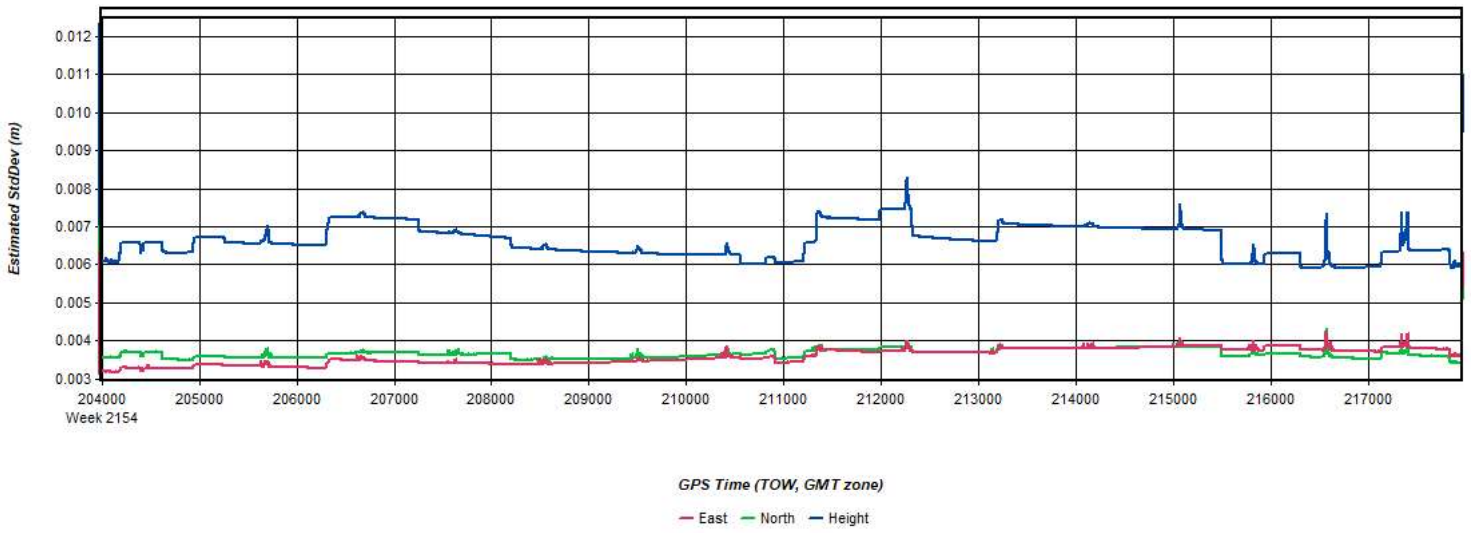
Process	20210420_083815_21	by Unknown	on 4/26/2021	at 10:29:57
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Figure 4: 20210420_083815_21 [Smoothed TC Combined] - Forward/Reverse Separation Plot (Fixed)



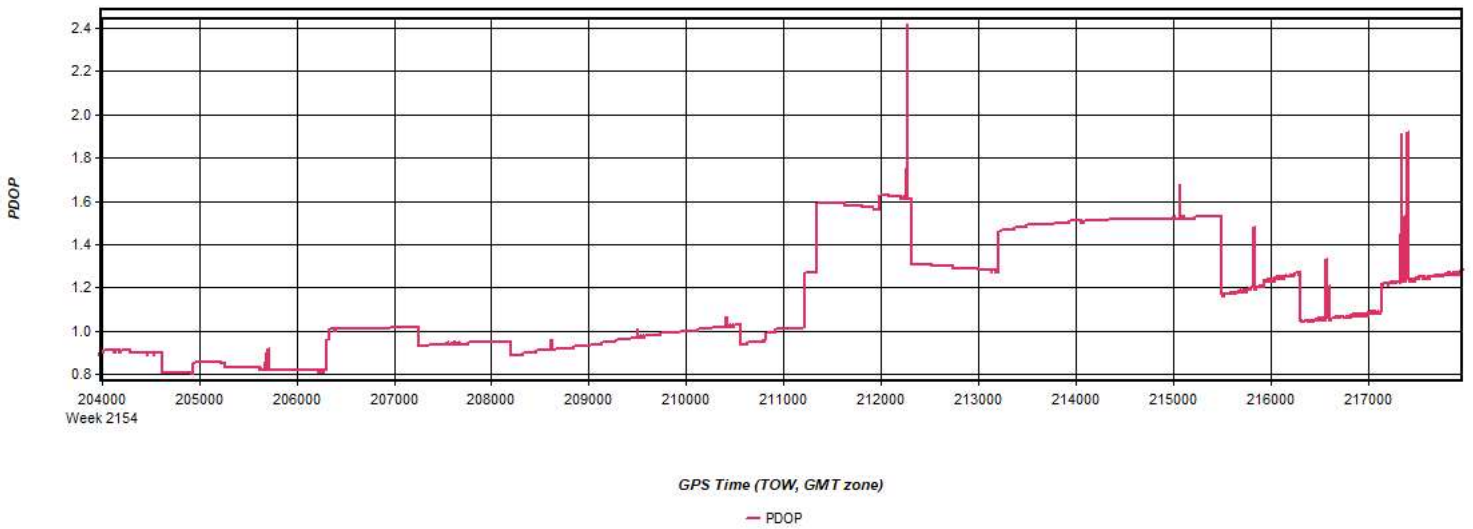
Process	20210420_083815_21	by Unknown	on 4/26/2021	at 10:29:57
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Figure 5: 20210420_083815_21 [Smoothed TC Combined] - Estimated Position Accuracy Plot



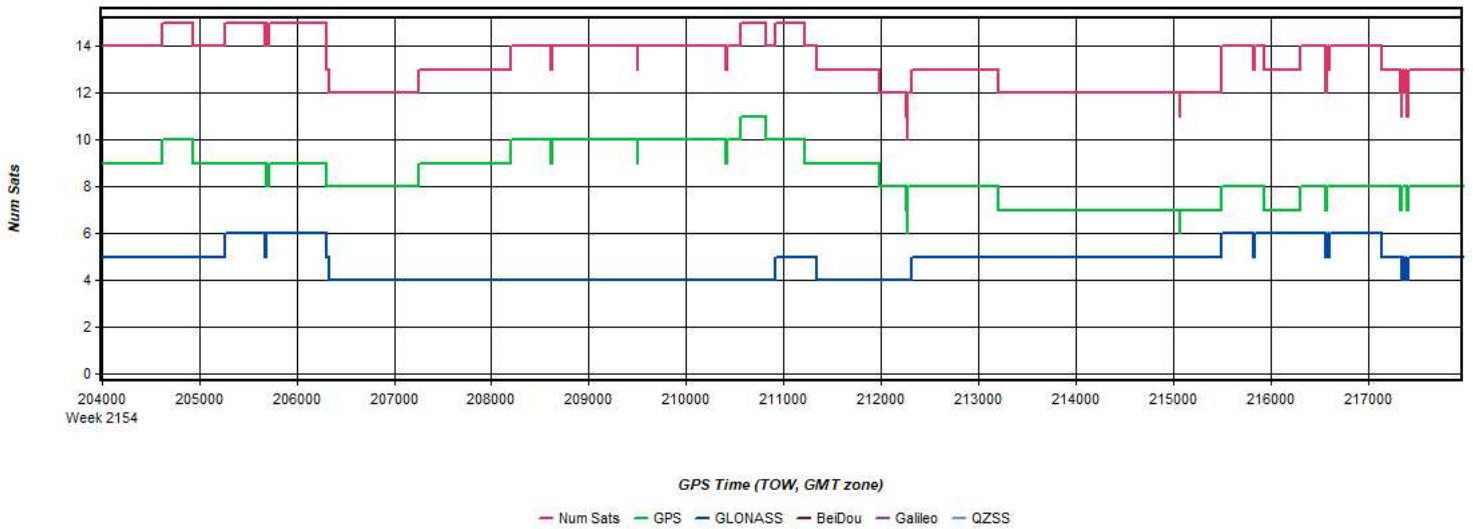
Process	20210420_083815_21	by Unknown	on 4/26/2021	at 10:29:57
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Figure 6: 20210420_083815_21 [Smoothed TC Combined] - PDOP Plot



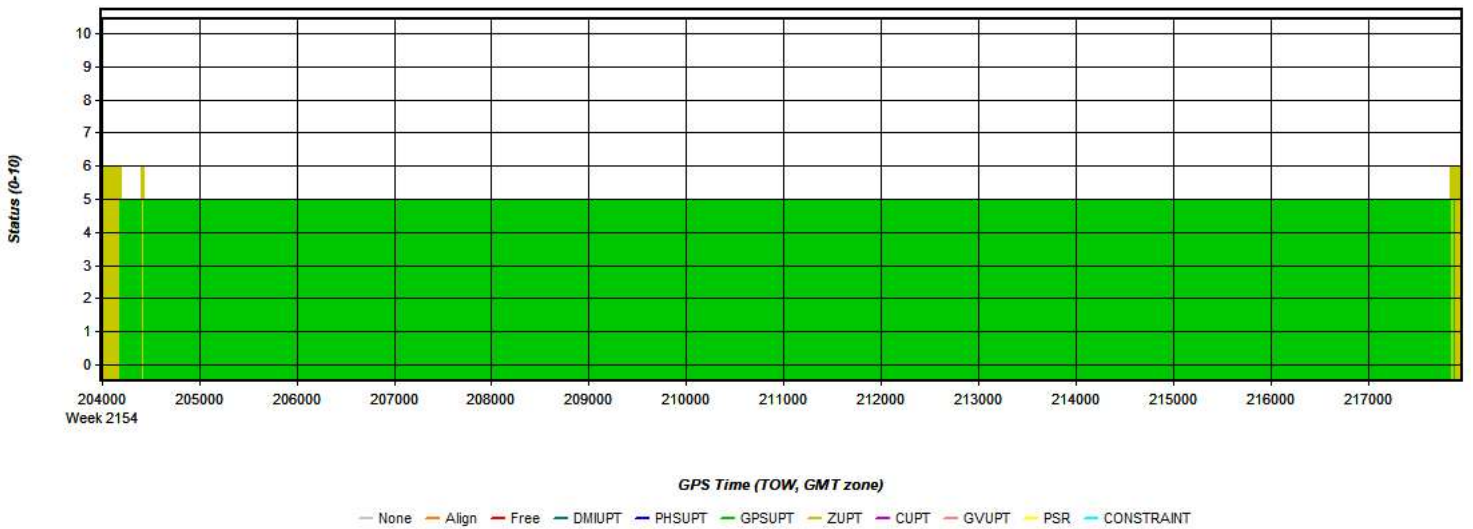
Process	20210420_083815_21	by Unknown	on 4/26/2021	at 10:29:57
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Figure 7: 20210420_083815_21 [Smoothed TC Combined] - Number of Satellites Line Plot



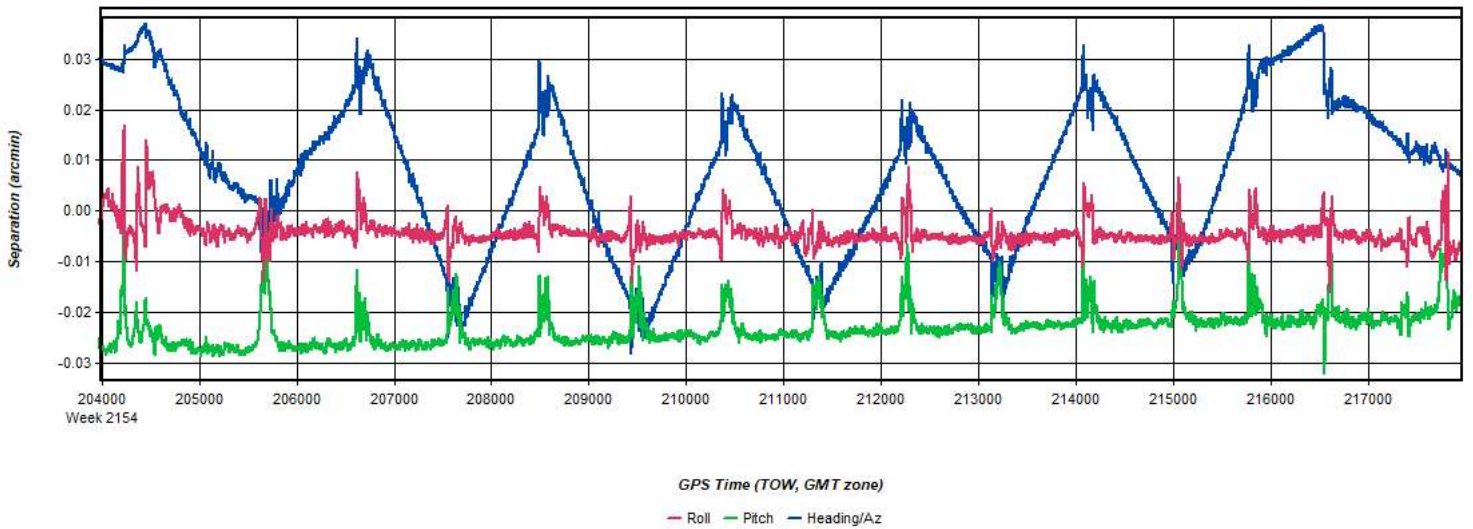
Process	20210420_083815_21	by Unknown	on 4/26/2021	at 10:29:57
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Figure 8: 20210420_083815_21 [Smoothed TC Combined] - Status flag for IMU processing



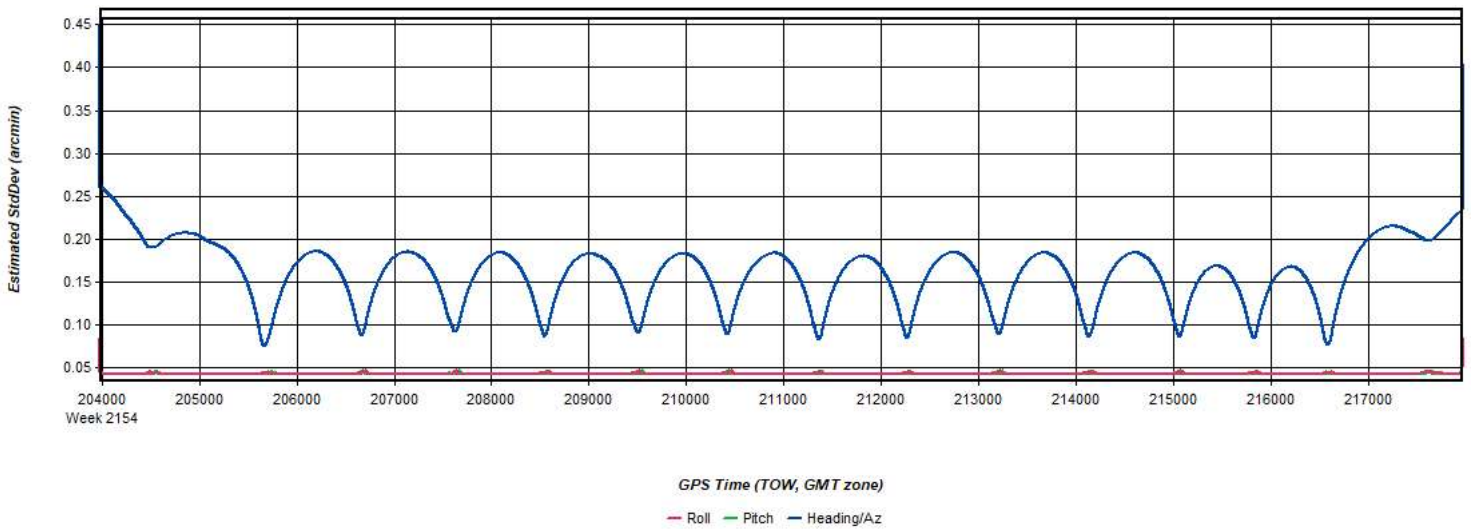
Process	20210420_083815_21	by Unknown	on 4/26/2021	at 10:29:57
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Figure 9: 20210420_083815_21 [Smoothed TC Combined] - Fwd/Rev Attitude Separation Plot



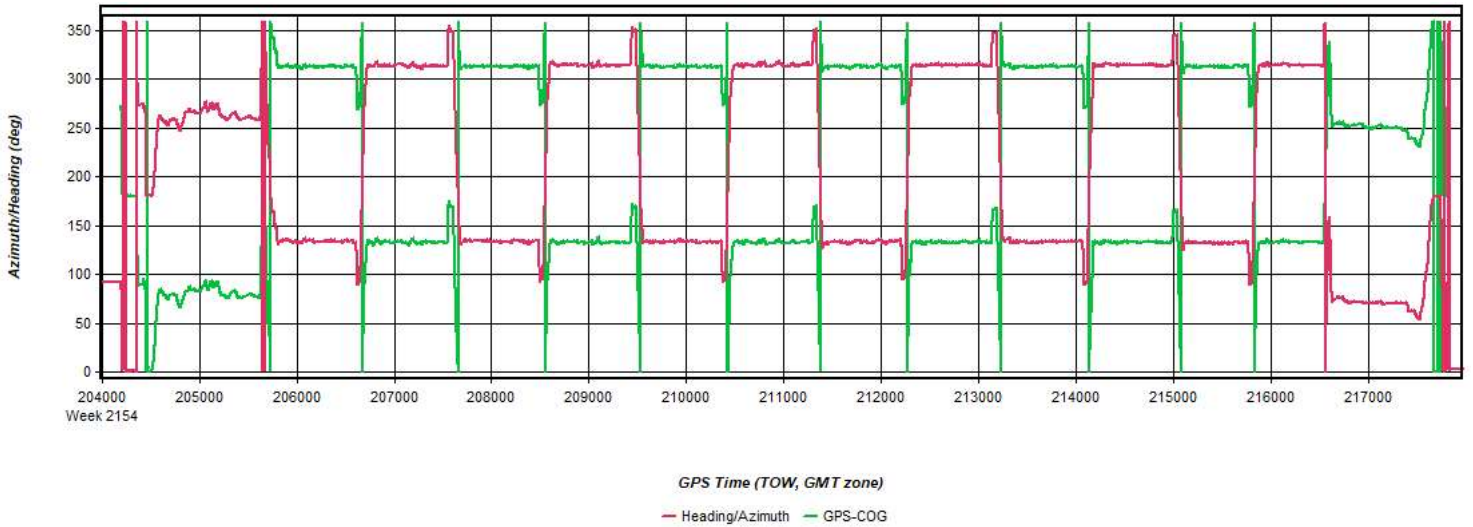
Process	20210420_083815_21	by Unknown	on 4/26/2021	at 10:29:57
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Figure 10: 20210420_083815_21 [Smoothed TC Combined] - Estimated Attitude Accuracy Plot



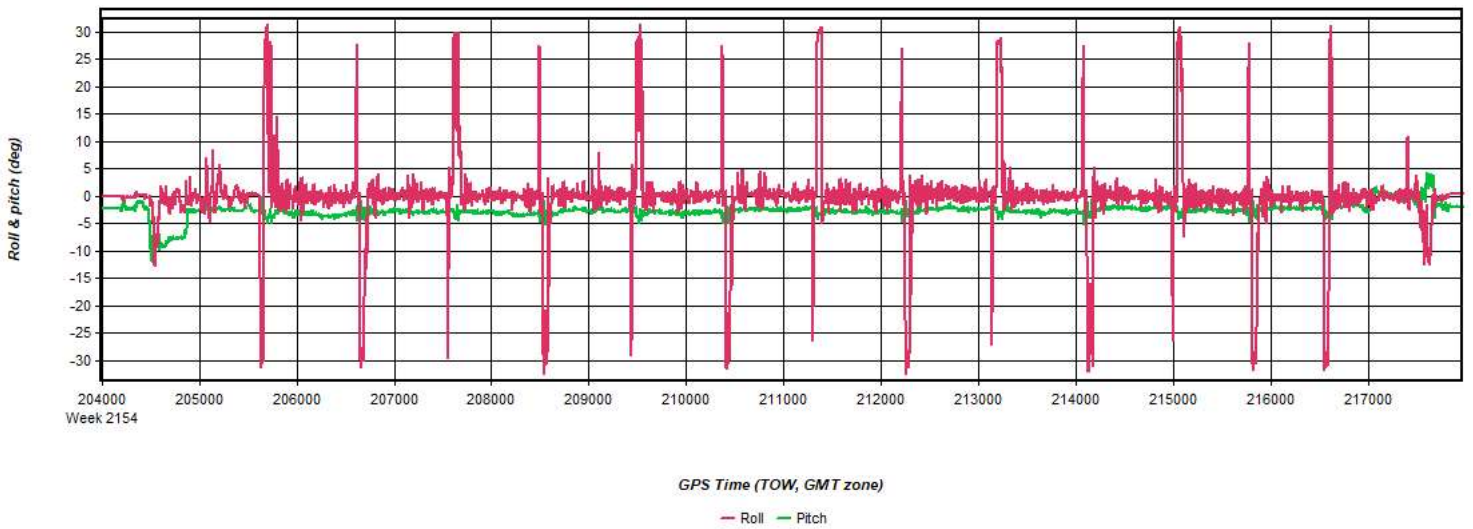
Process	20210420_083815_21	by Unknown	on 4/26/2021	at 10:29:57
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Figure 11: 20210420_083815_21 [Smoothed TC Combined] - Azimuth Plot



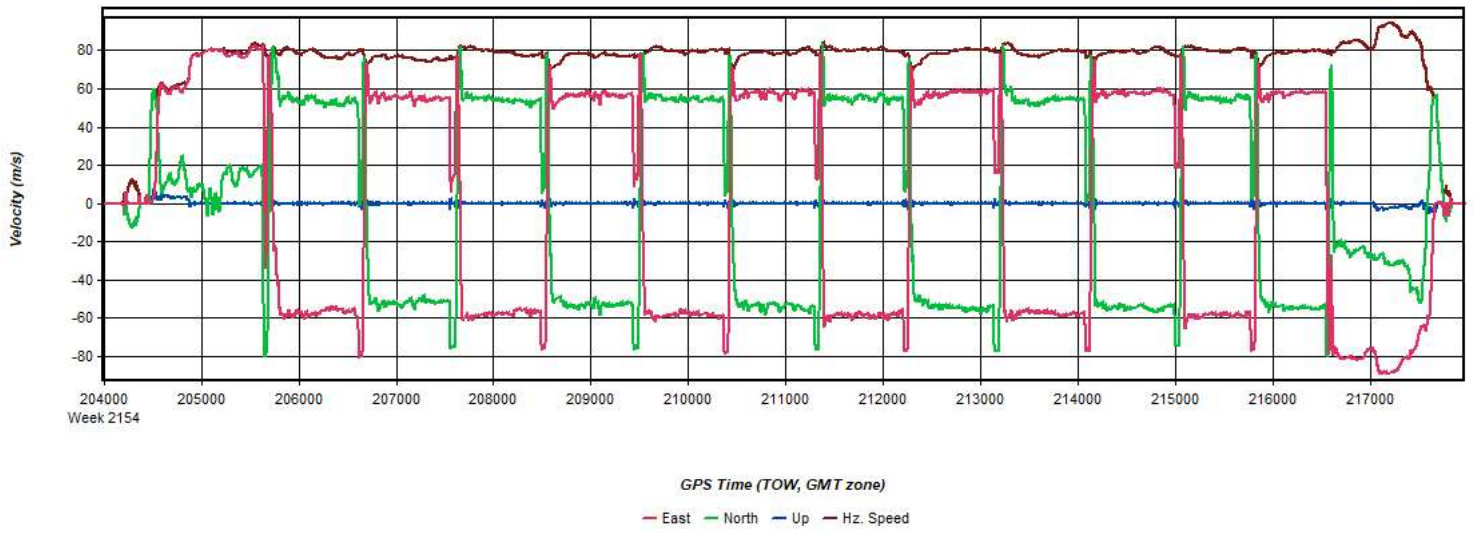
Process	20210420_083815_21	by Unknown	on 4/26/2021	at 10:29:57
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Figure 12: 20210420_083815_21 [Smoothed TC Combined] - Roll & Pitch Plot



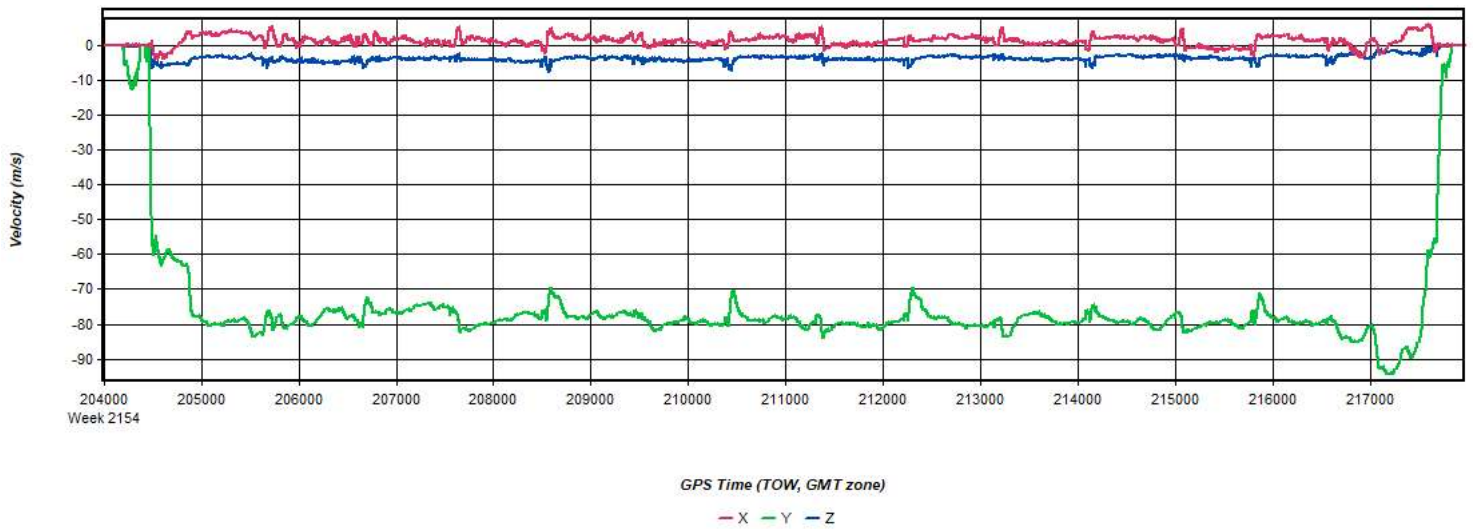
Process	20210420_083815_21	by Unknown	on 4/26/2021	at 10:29:57
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Figure 13: 20210420_083815_21 [Smoothed TC Combined] - Velocity Profile Plot



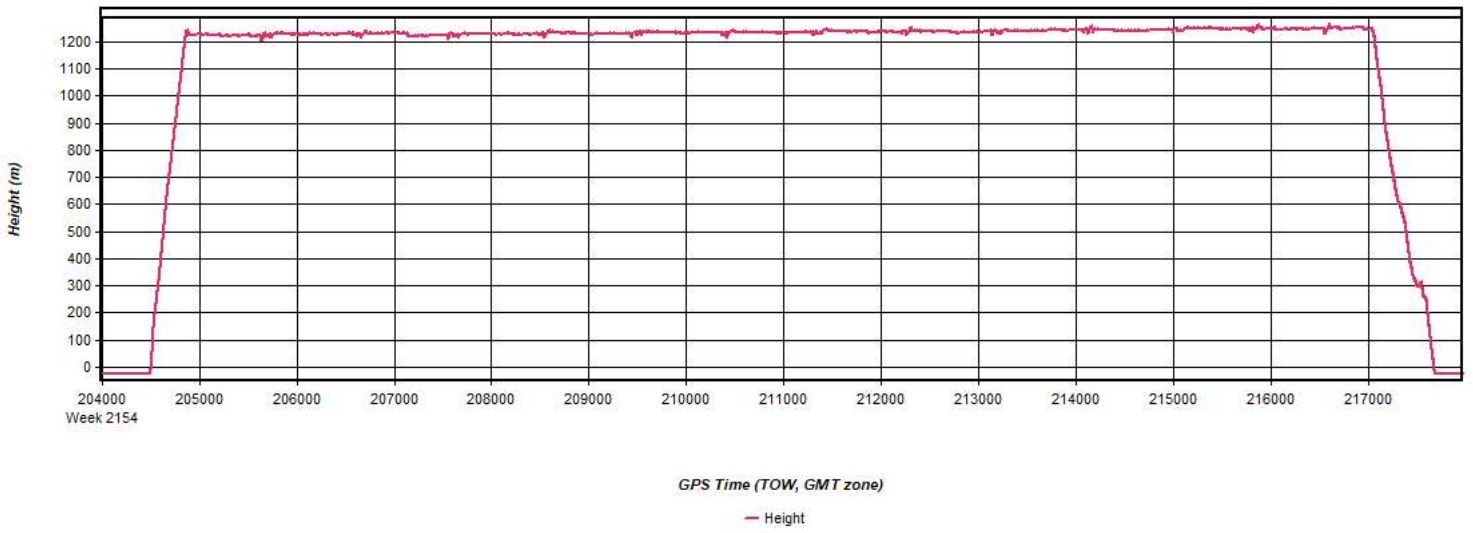
Process	20210420_083815_21	by Unknown	on 4/26/2021	at 10:29:57
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Figure 14: 20210420_083815_21 [Smoothed TC Combined] - Body Frame Velocity Plot



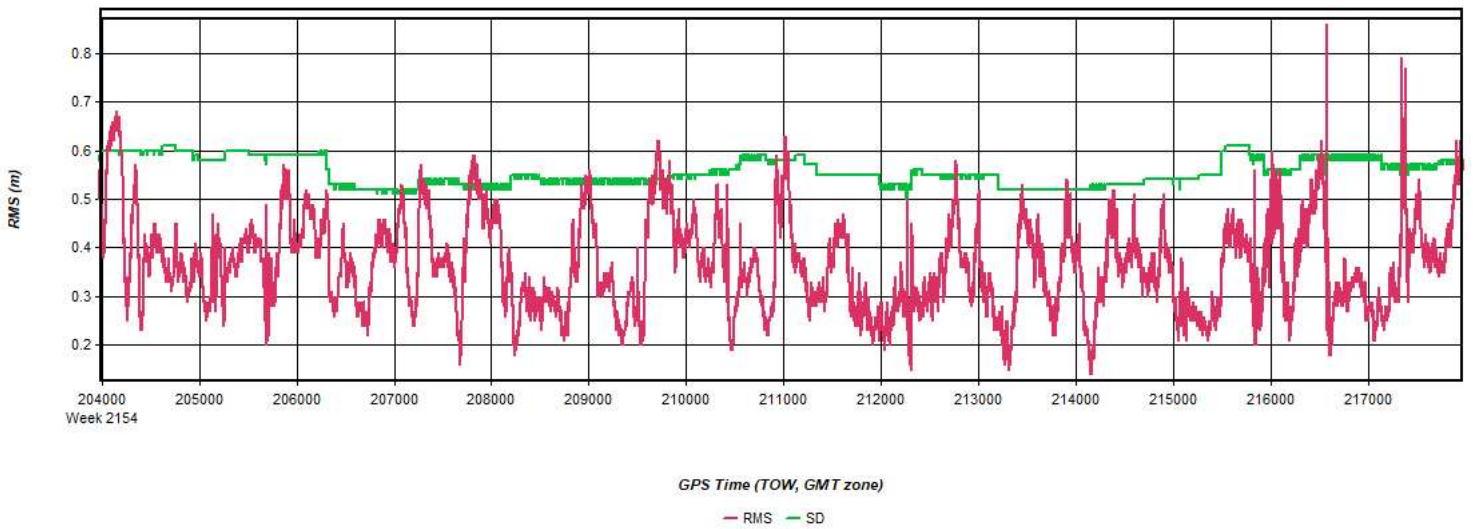
Process	20210420_083815_21	by Unknown	on 4/26/2021	at 10:29:57
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Figure 15: 20210420_083815_21 [Smoothed TC Combined] - Height Profile Plot



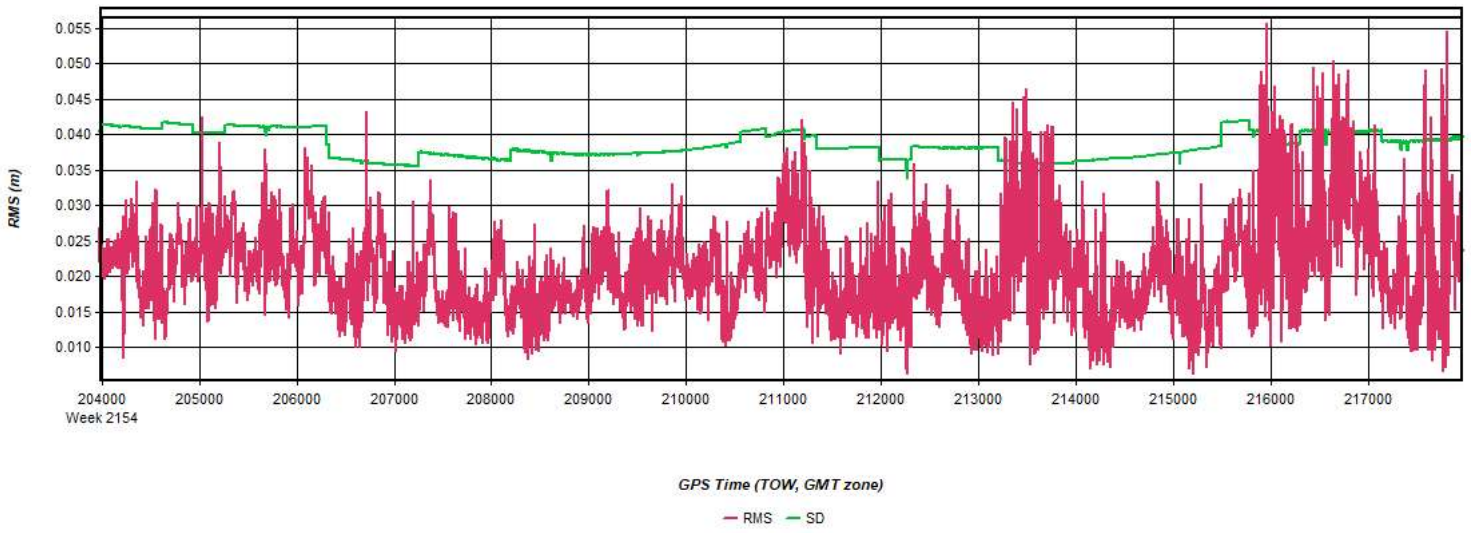
Process	20210420_083815_21	by Unknown	on 4/26/2021	at 10:29:57
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Figure 16: 20210420_083815_21 [Smoothed TC Combined] - C/A Code Residual RMS Plot



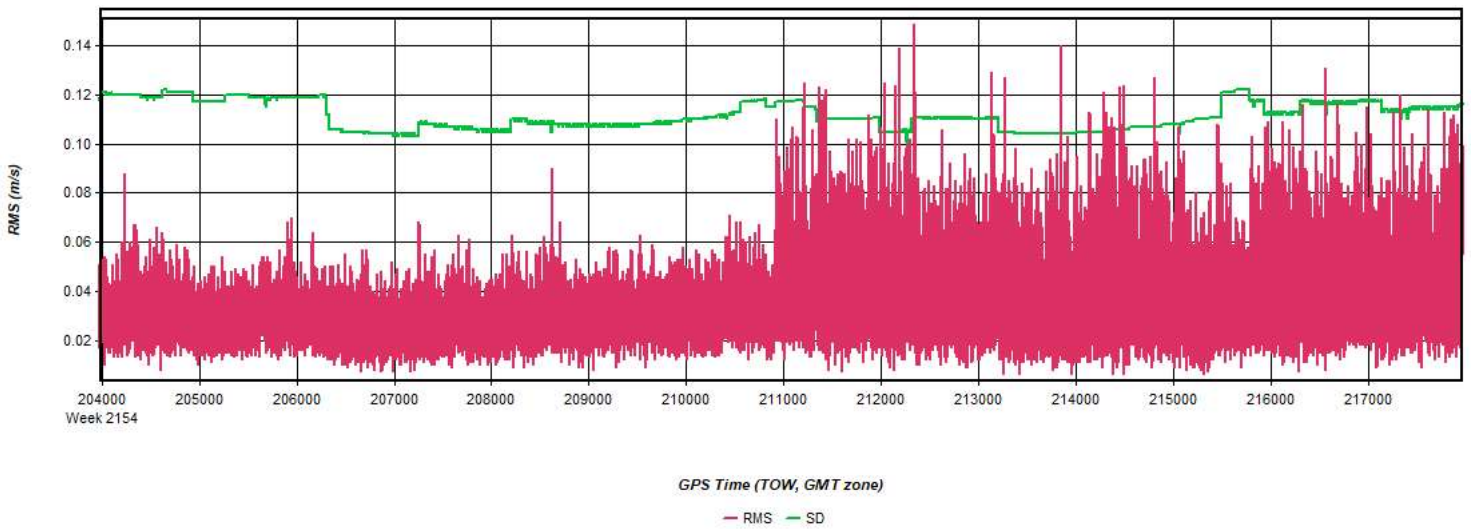
Process	20210420_083815_21	by Unknown	on 4/26/2021	at 10:29:57
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Figure 17: 20210420_083815_21 [Smoothed TC Combined] - Carrier Residual RMS Plot



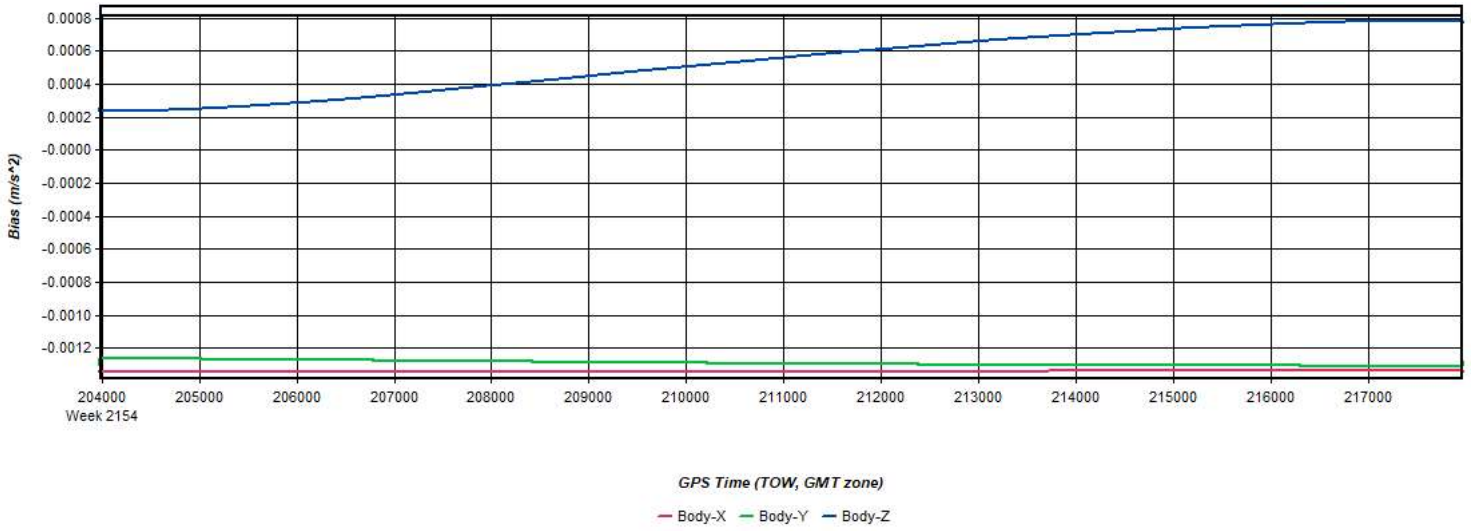
Process	20210420_083815_21	by Unknown	on 4/26/2021	at 10:29:57
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Figure 18: 20210420_083815_21 [Smoothed TC Combined] - L1 Doppler Residual RMS Plot



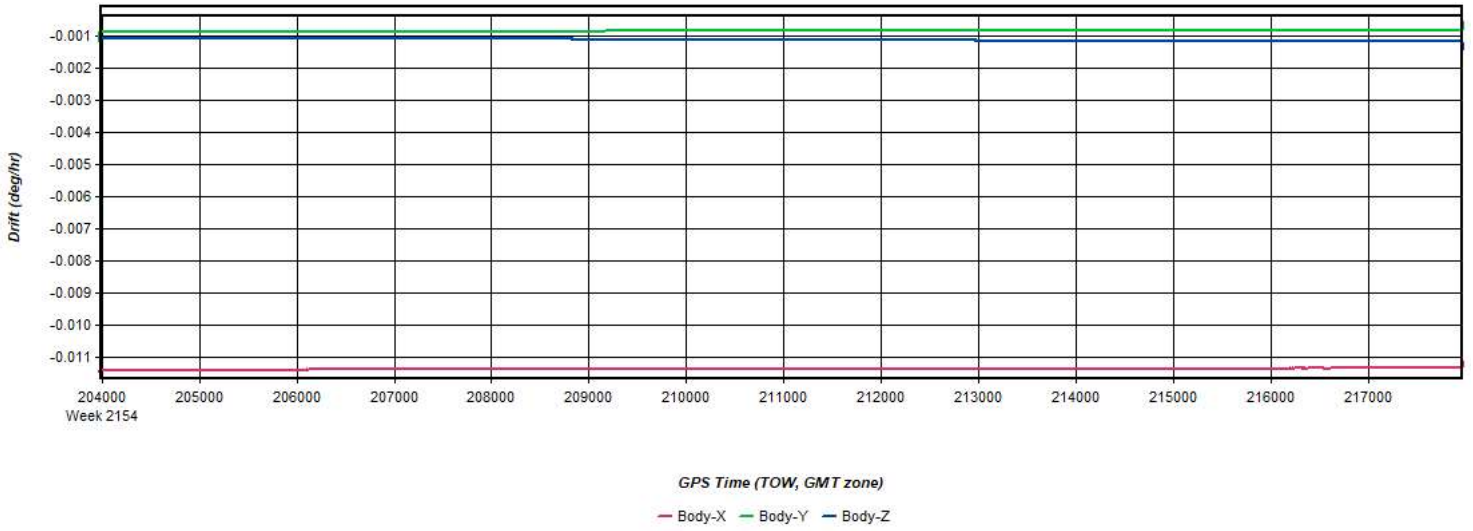
Process	20210420_083815_21	by Unknown	on 4/26/2021	at 10:29:57
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Figure 19: 20210420_083815_21 [Smoothed TC Combined] - Accelerometer Bias Plot



Process	20210420_083815_21	by Unknown	on 4/26/2021	at 10:29:57
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Figure 20: 20210420_083815_21 [Smoothed TC Combined] - Gyro Drift Plot

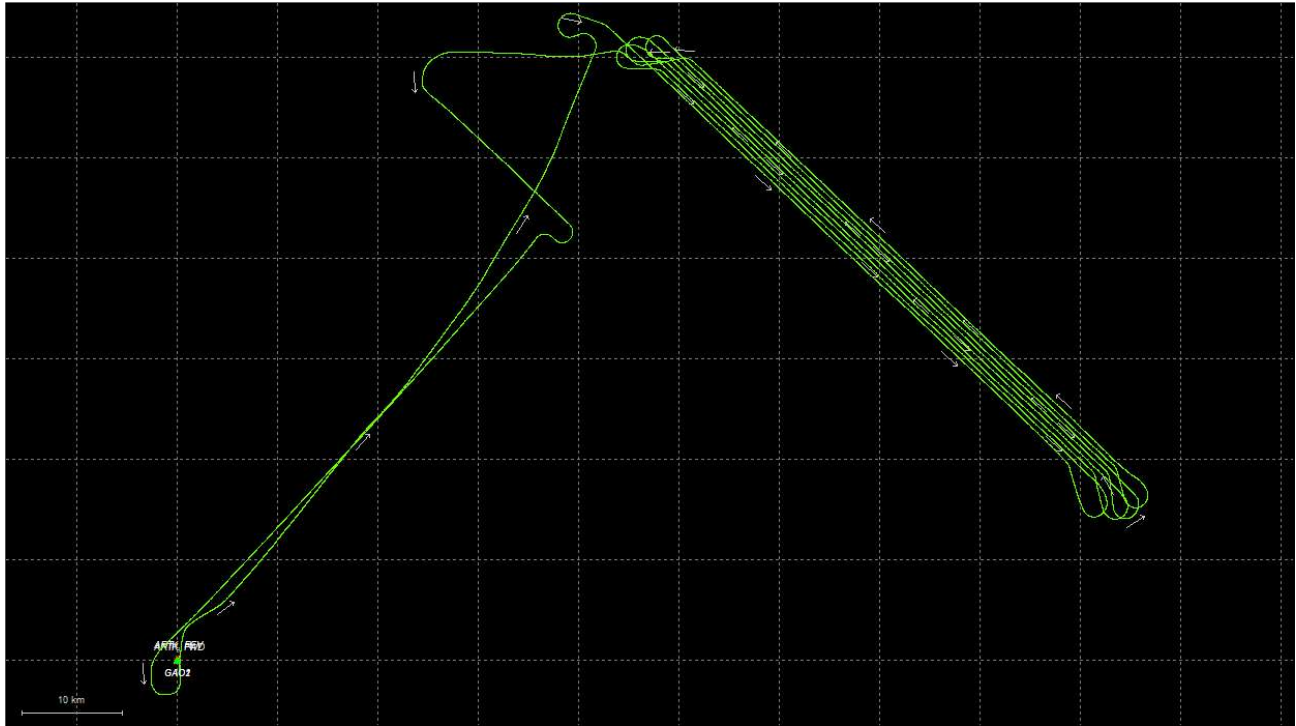


Process	20210420_083815_21	by Unknown	on 4/26/2021	at 10:29:57
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Output Results for 20210420_125330_22

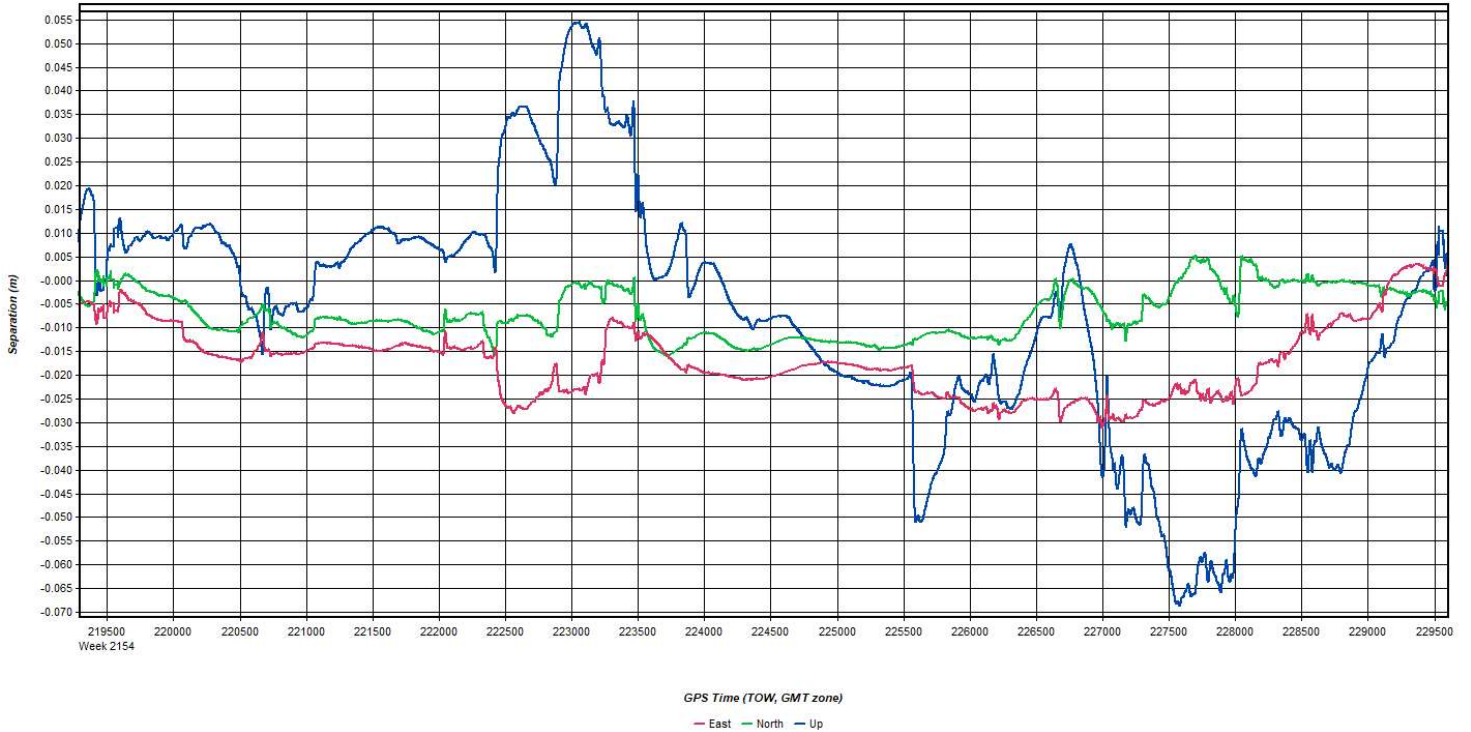
Inertial Explorer Version 8.90.2124
04/26/2021

Figure 1: Smoothed TC Combined - Map



Process	20210420_125330_22	by Unknown	on 4/26/2021	at 11:57:56
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Figure 2: 20210420_125330_22 [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot



Process	20210420_125330_22	by Unknown	on 4/26/2021	at 11:57:56
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Figure 3: 20210420_125330_22 [Smoothed TC Combined] - Float or Fixed Ambiguity

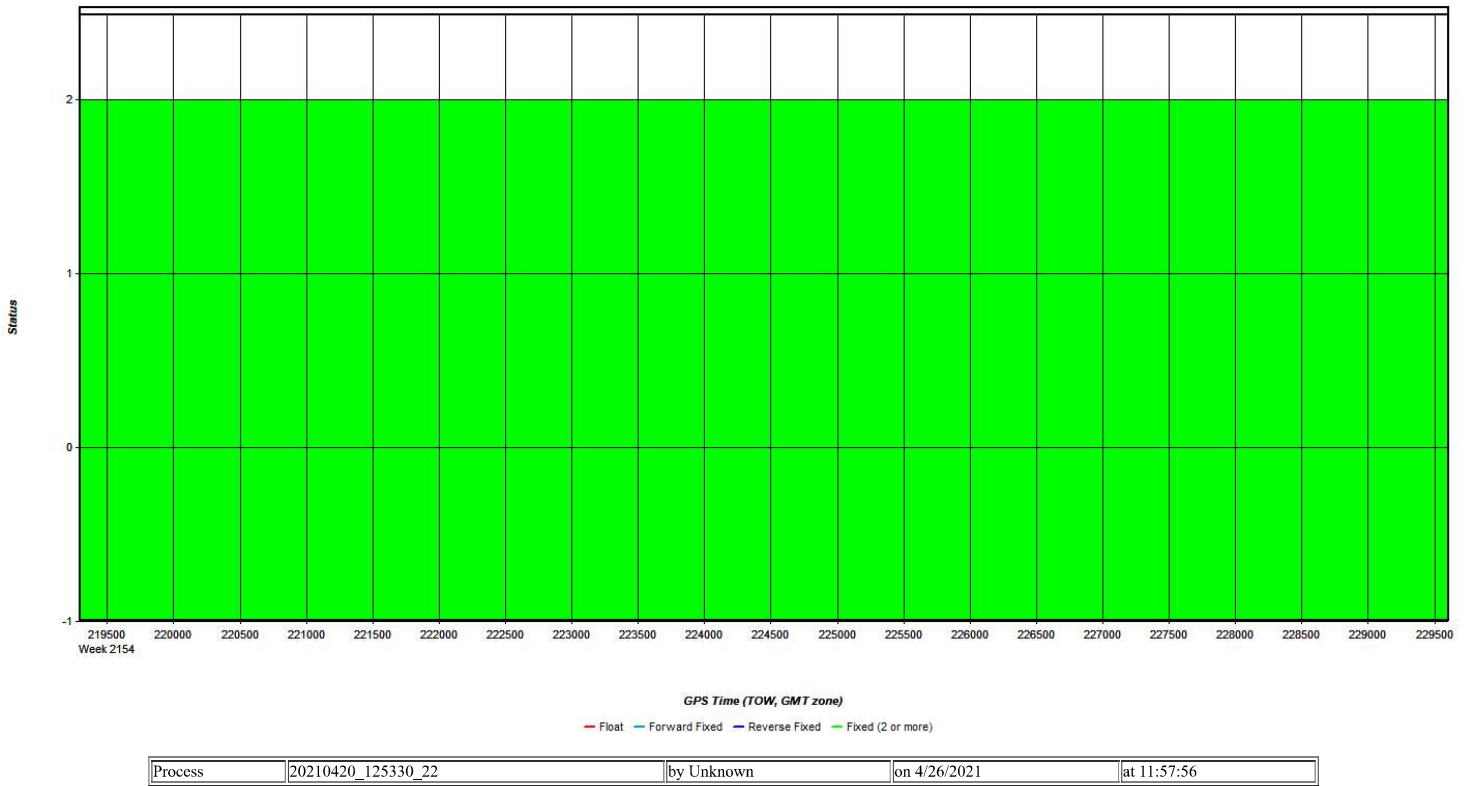


Figure 4: 20210420_125330_22 [Smoothed TC Combined] - Forward/Reverse Separation Plot (Fixed)

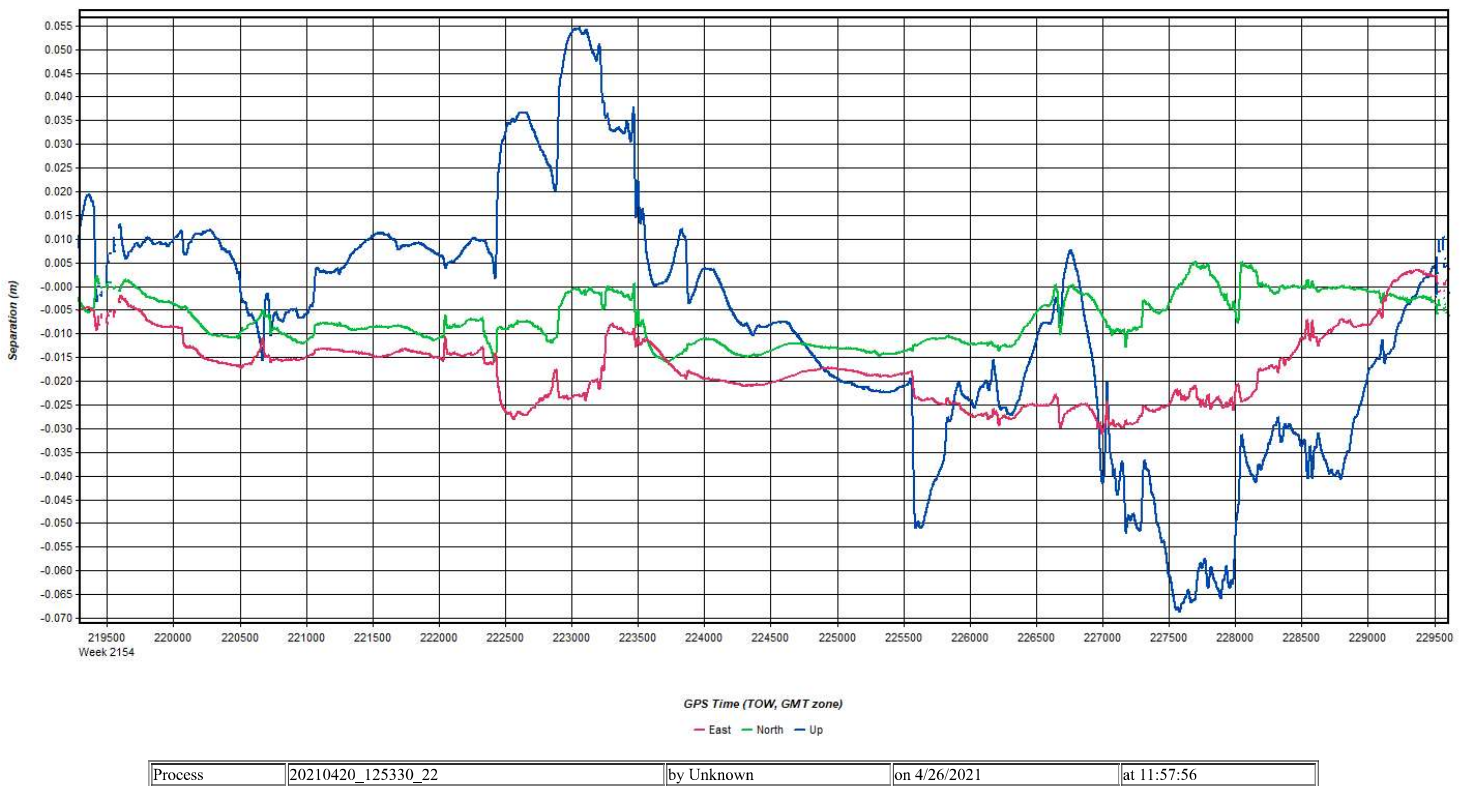
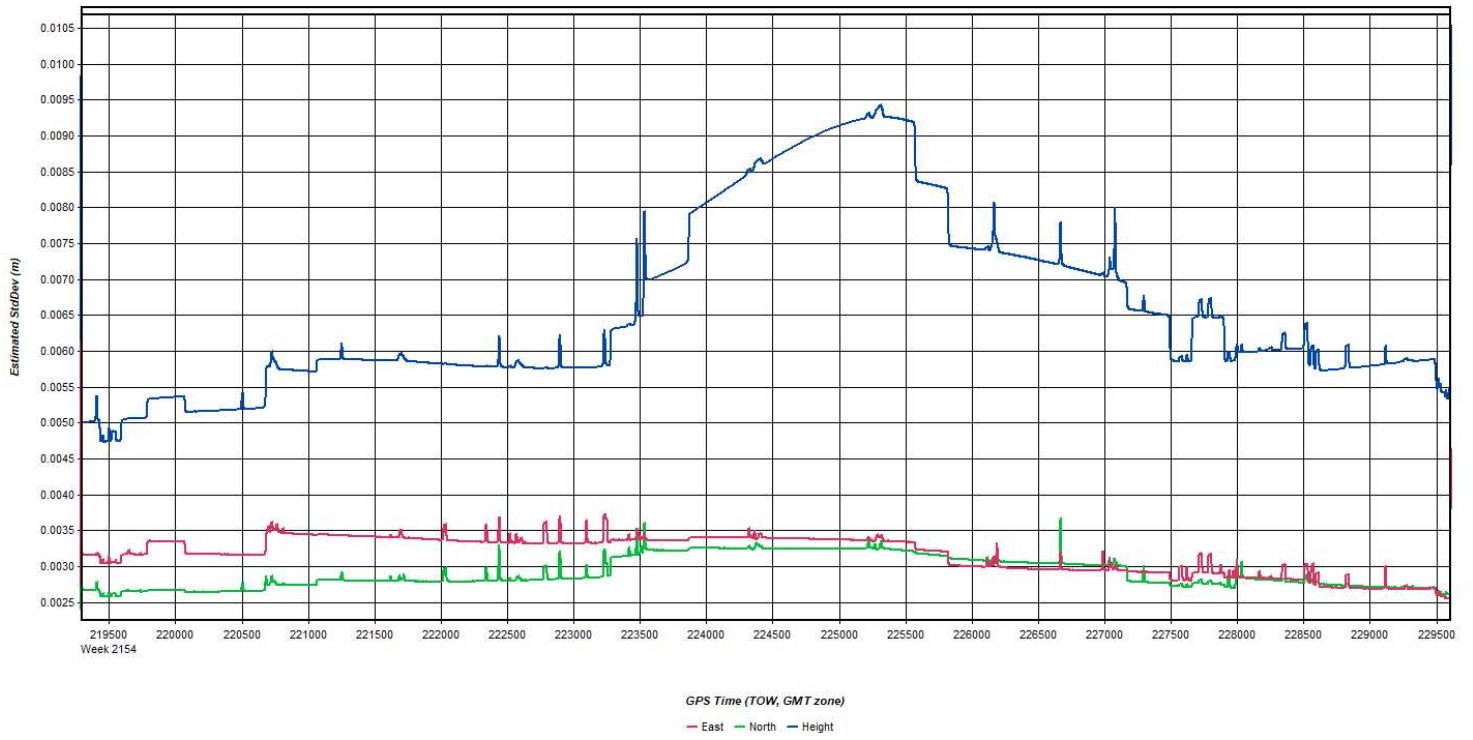
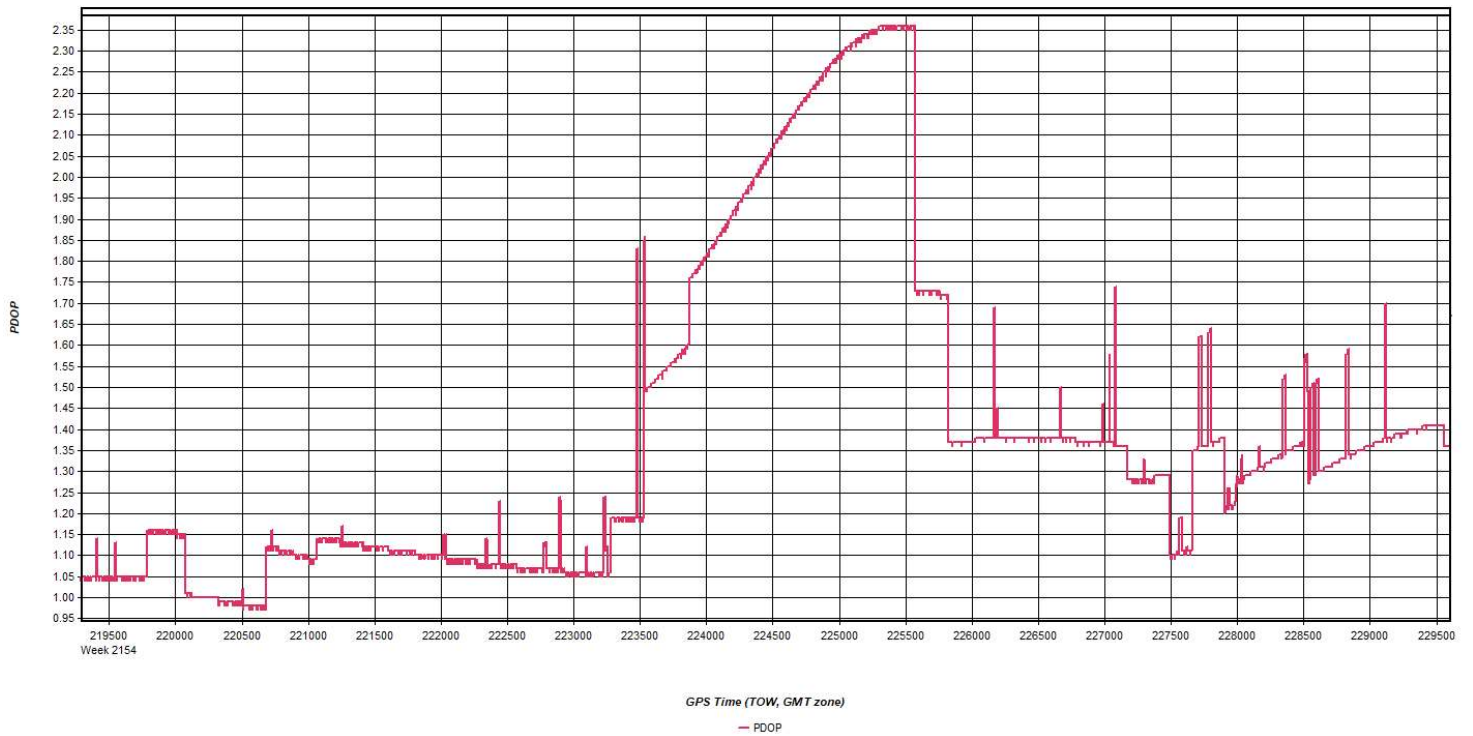


Figure 5: 20210420_125330_22 [Smoothed TC Combined] - Estimated Position Accuracy Plot



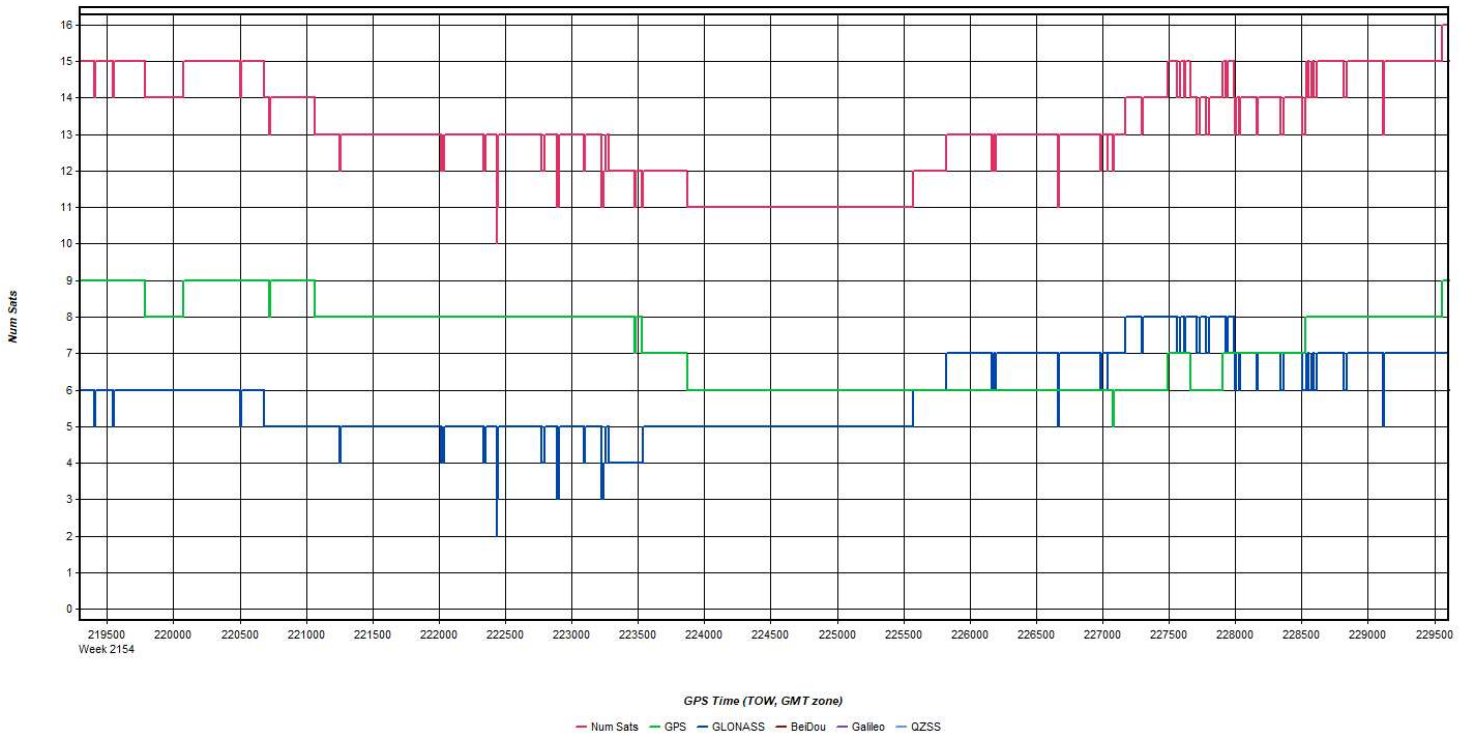
Process	20210420_125330_22	by Unknown	on 4/26/2021	at 11:57:56
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Figure 6: 20210420_125330_22 [Smoothed TC Combined] - PDOP Plot



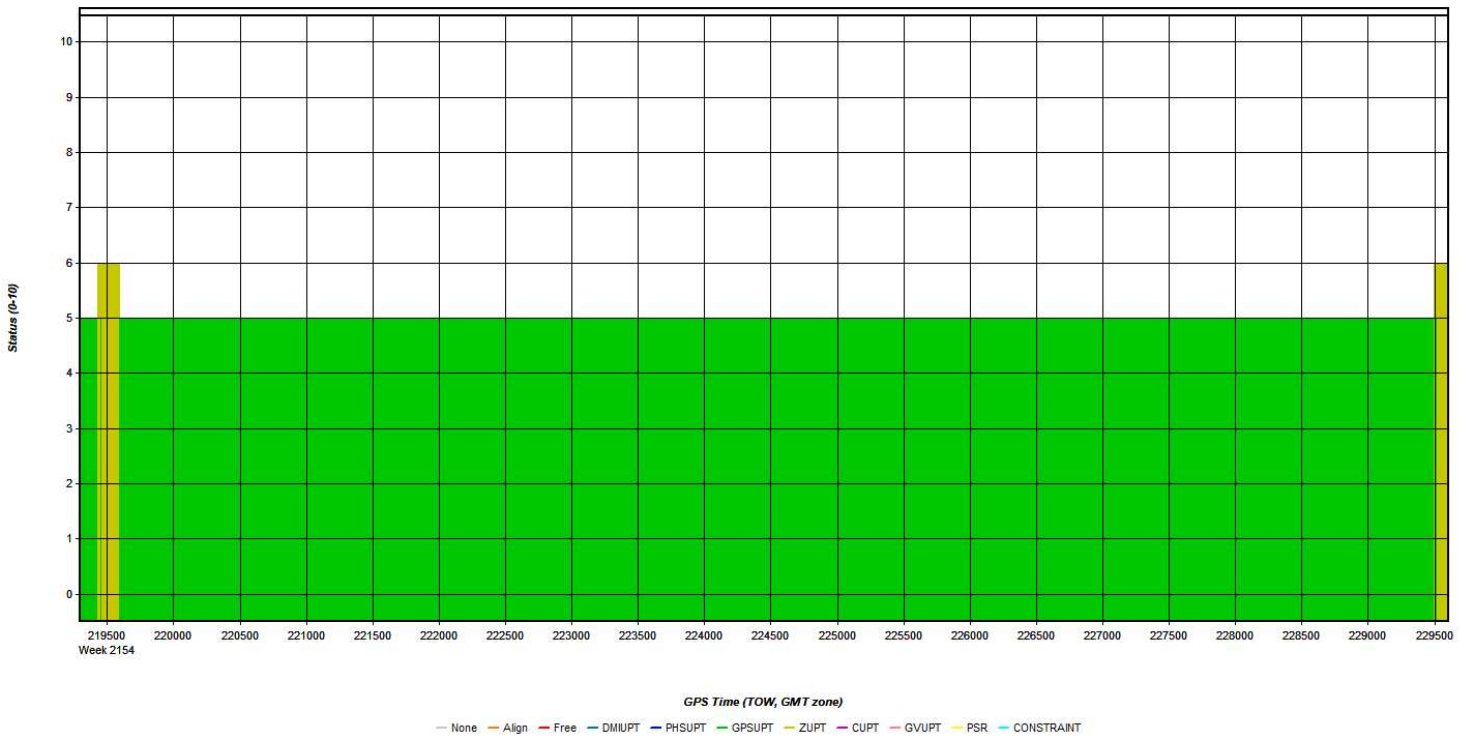
Process	20210420_125330_22	by Unknown	on 4/26/2021	at 11:57:56
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Figure 7: 20210420_125330_22 [Smoothed TC Combined] - Number of Satellites Line Plot



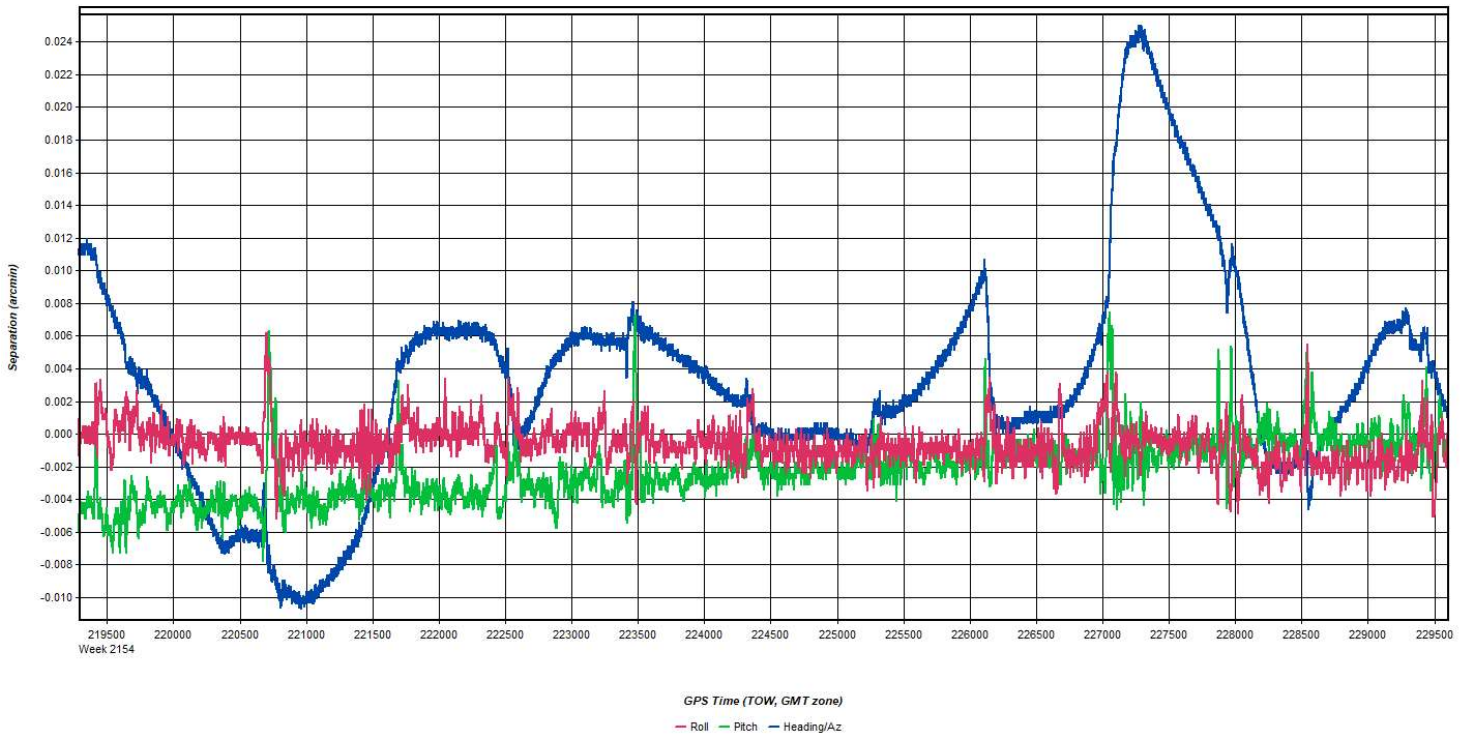
Process	20210420_125330_22	by Unknown	on 4/26/2021	at 11:57:56
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Figure 8: 20210420_125330_22 [Smoothed TC Combined] - Status flag for IMU processing



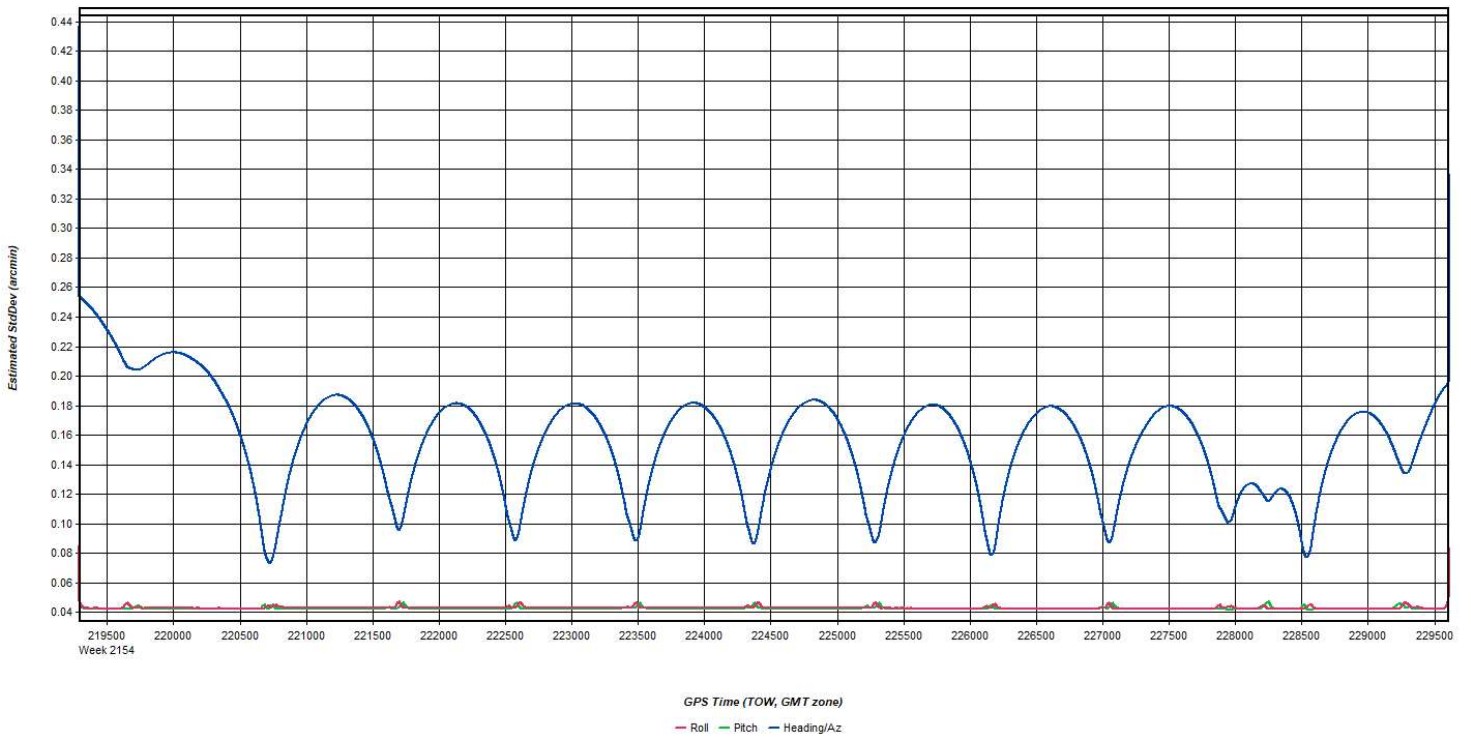
Process	20210420_125330_22	by Unknown	on 4/26/2021	at 11:57:56
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Figure 9: 20210420_125330_22 [Smoothed TC Combined] - Fwd/Rev Attitude Separation Plot



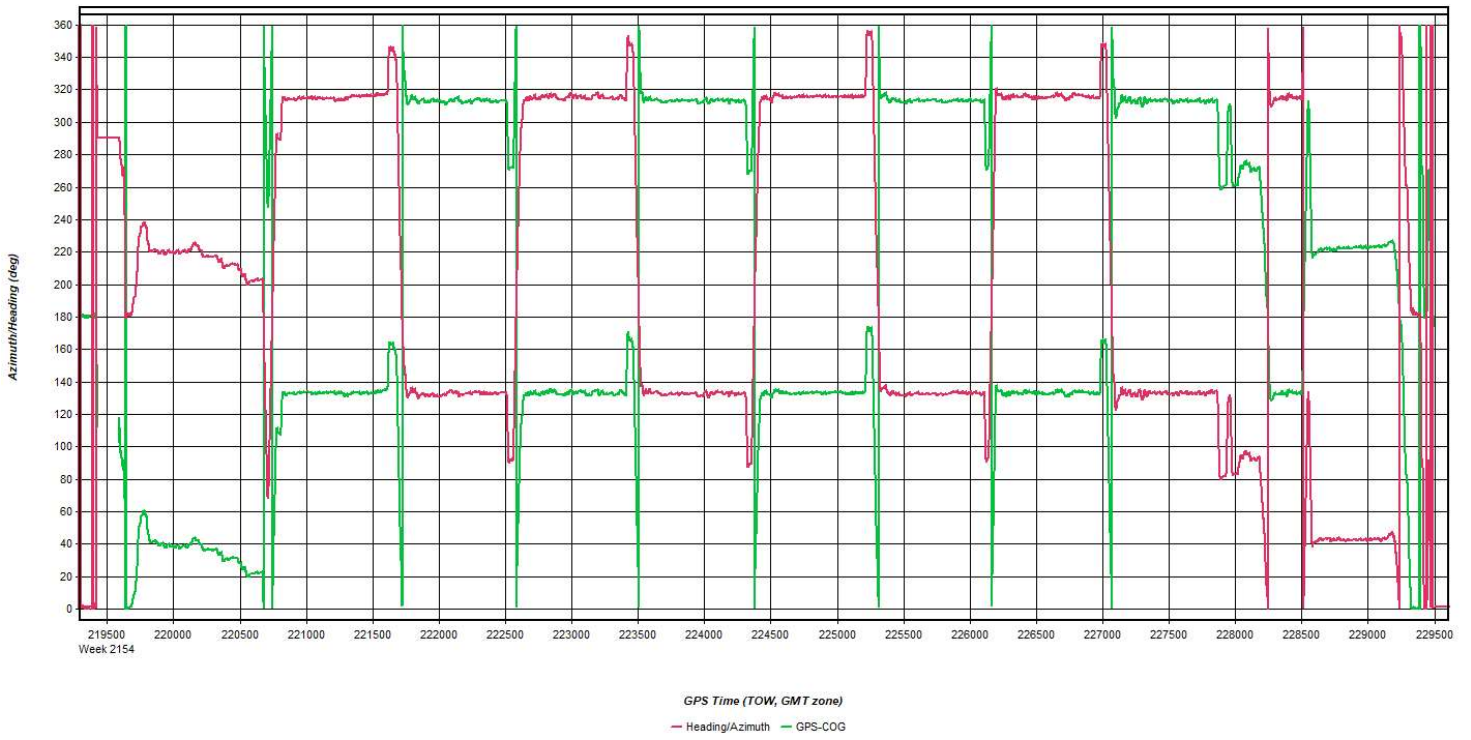
Process	20210420_125330_22	by Unknown	on 4/26/2021	at 11:57:56
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Figure 10: 20210420_125330_22 [Smoothed TC Combined] - Estimated Attitude Accuracy Plot



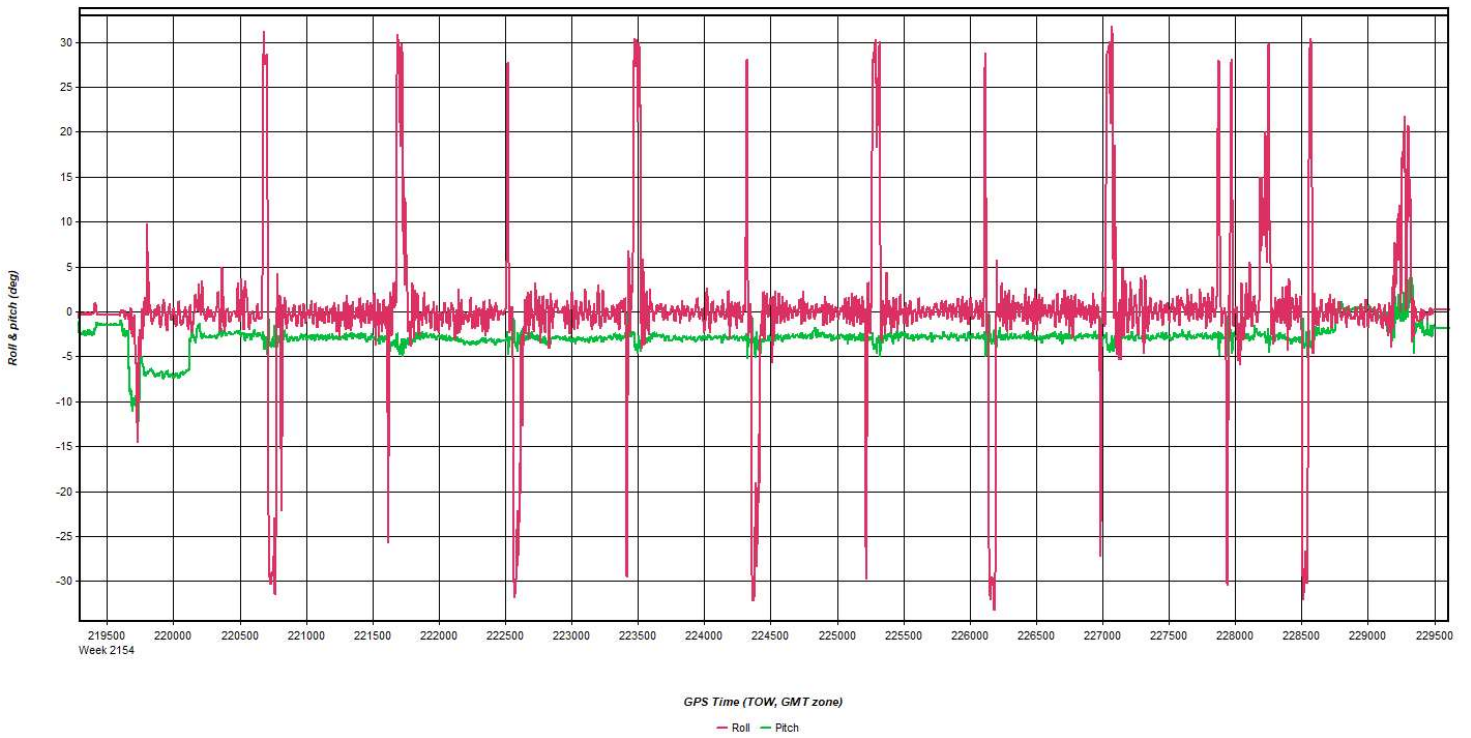
Process	20210420_125330_22	by Unknown	on 4/26/2021	at 11:57:56
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Figure 11: 20210420_125330_22 [Smoothed TC Combined] - Azimuth Plot



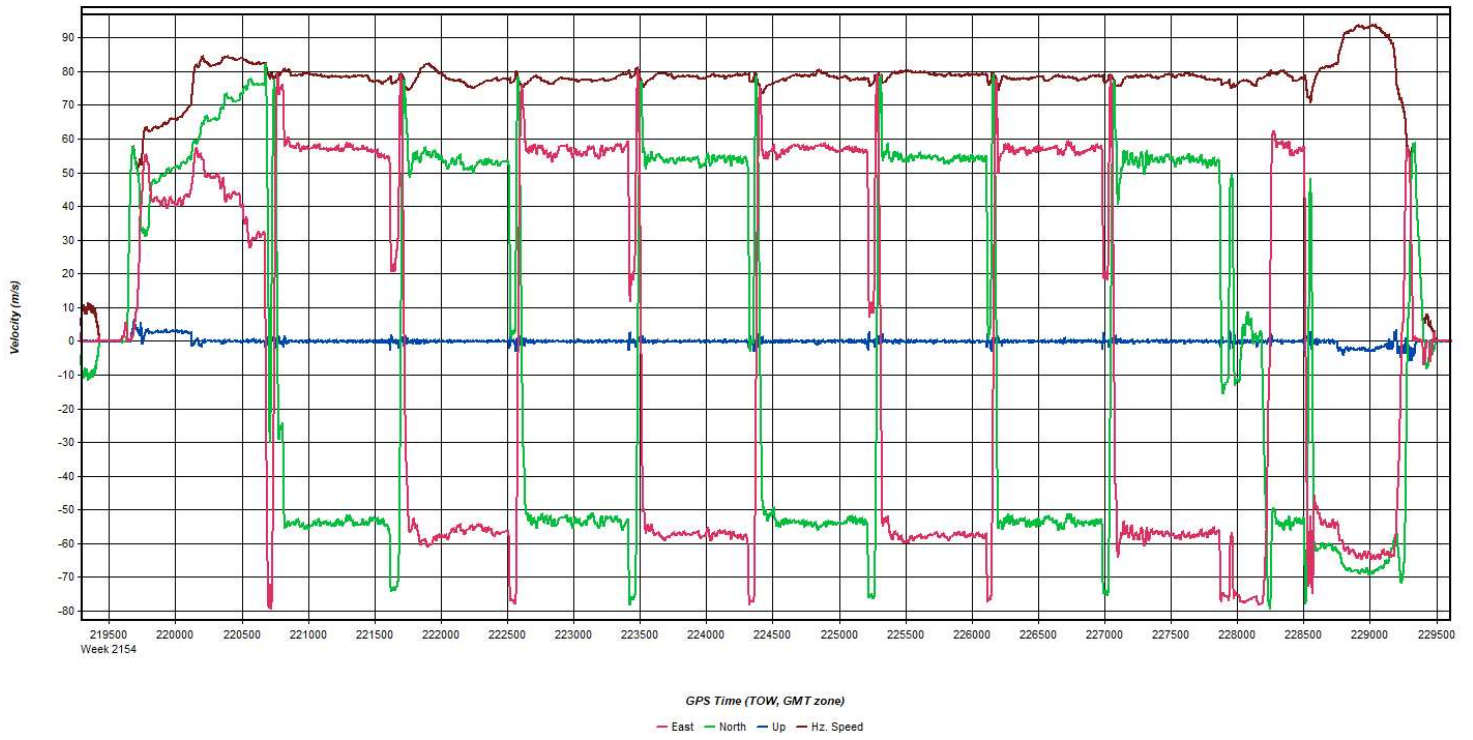
Process	20210420_125330_22	by Unknown	on 4/26/2021	at 11:57:56
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Figure 12: 20210420_125330_22 [Smoothed TC Combined] - Roll & Pitch Plot



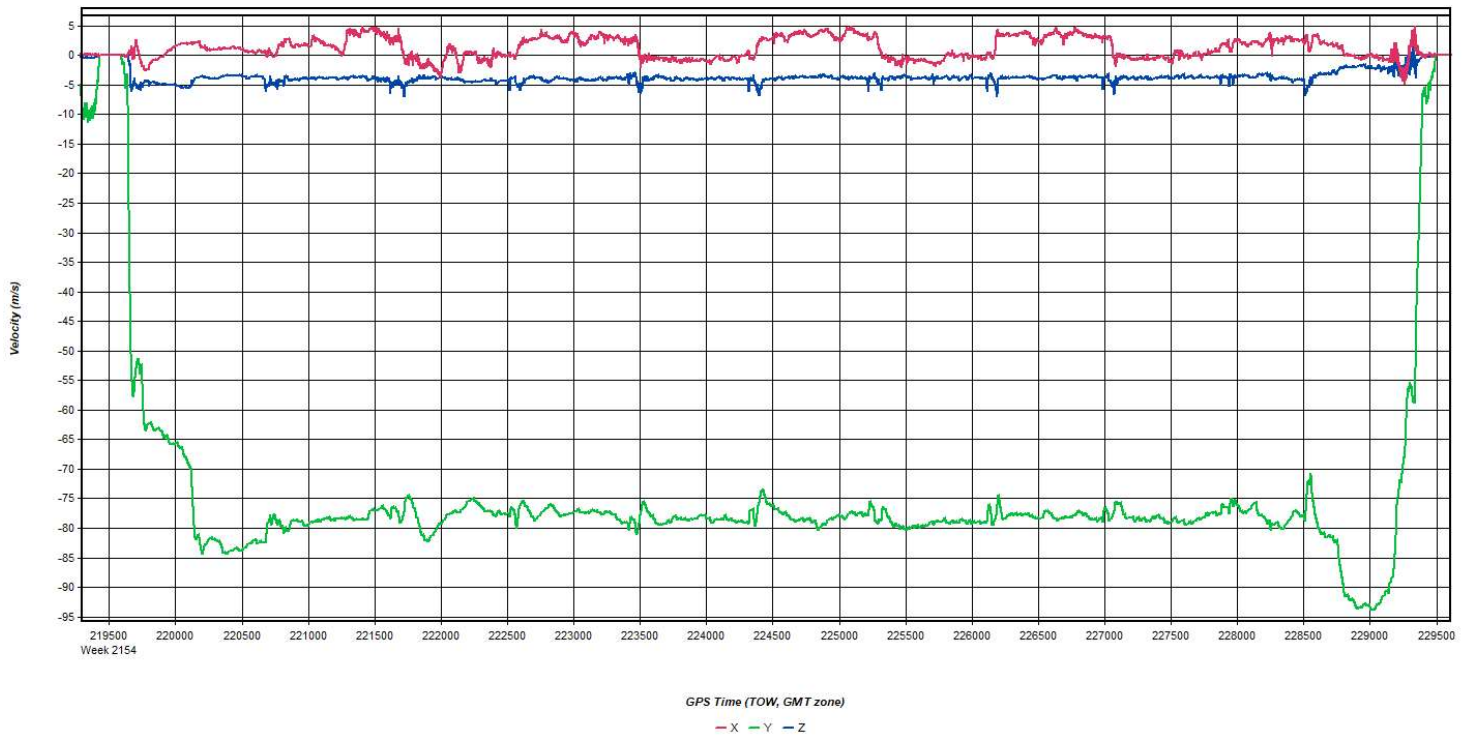
Process	20210420_125330_22	by Unknown	on 4/26/2021	at 11:57:56
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Figure 13: 20210420_125330_22 [Smoothed TC Combined] - Velocity Profile Plot



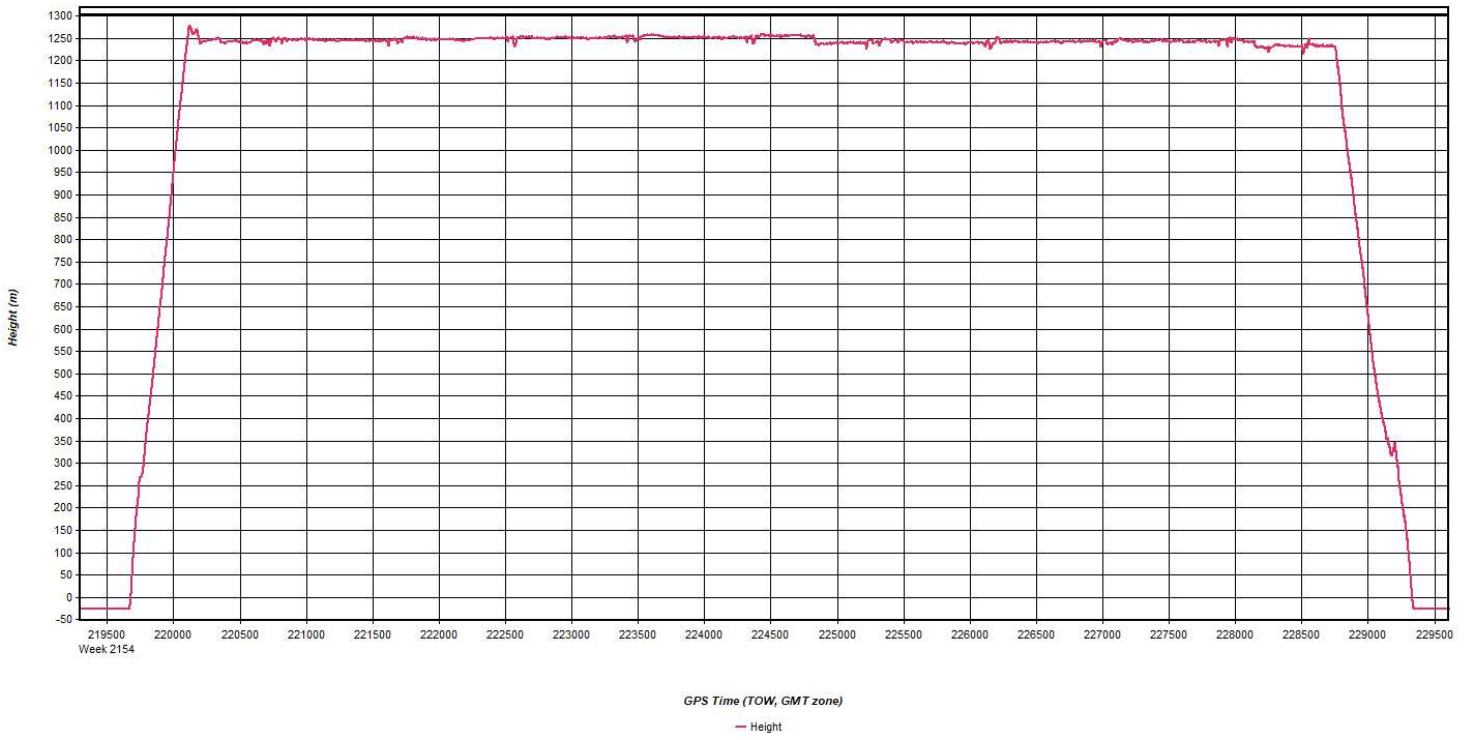
Process	20210420_125330_22	by Unknown	on 4/26/2021	at 11:57:56
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Figure 14: 20210420_125330_22 [Smoothed TC Combined] - Body Frame Velocity Plot



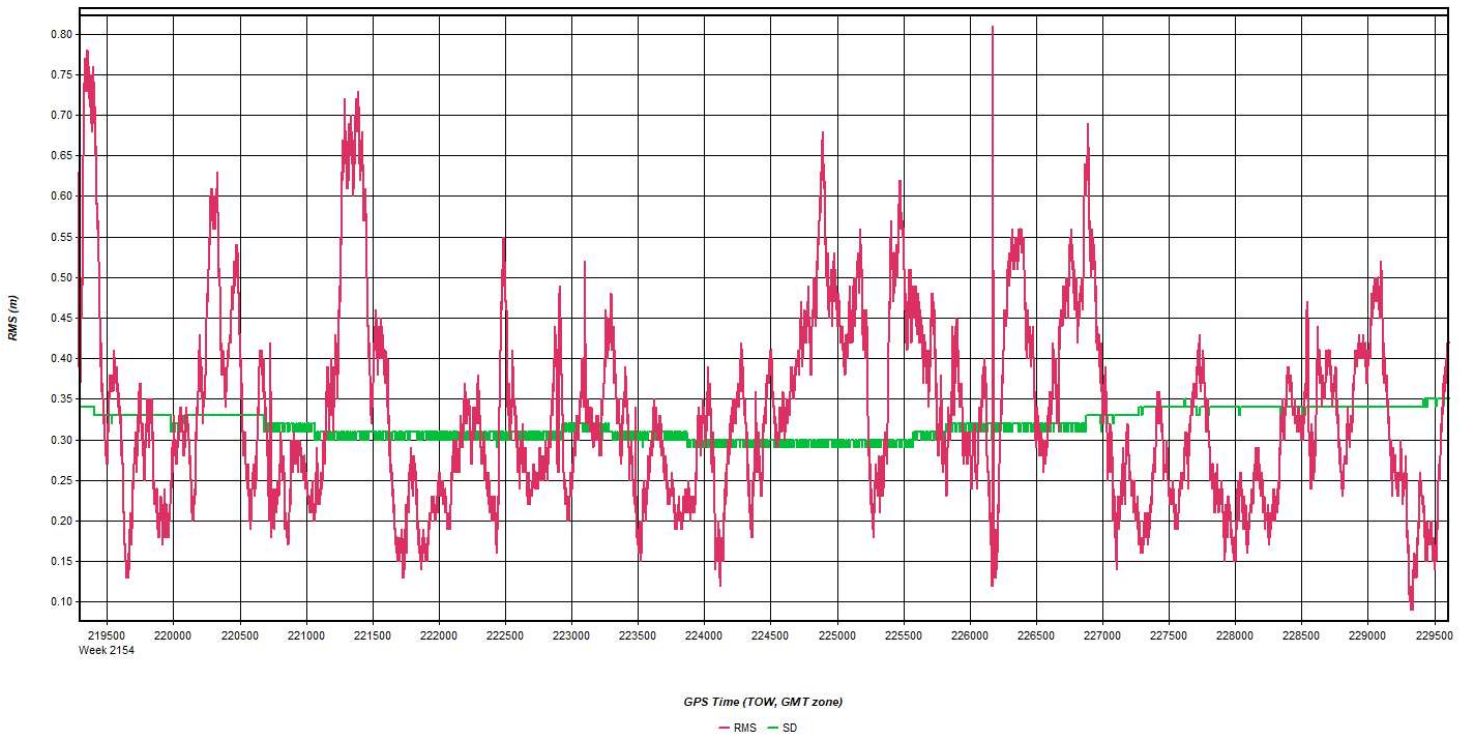
Process	20210420_125330_22	by Unknown	on 4/26/2021	at 11:57:56
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Figure 15: 20210420_125330_22 [Smoothed TC Combined] - Height Profile Plot



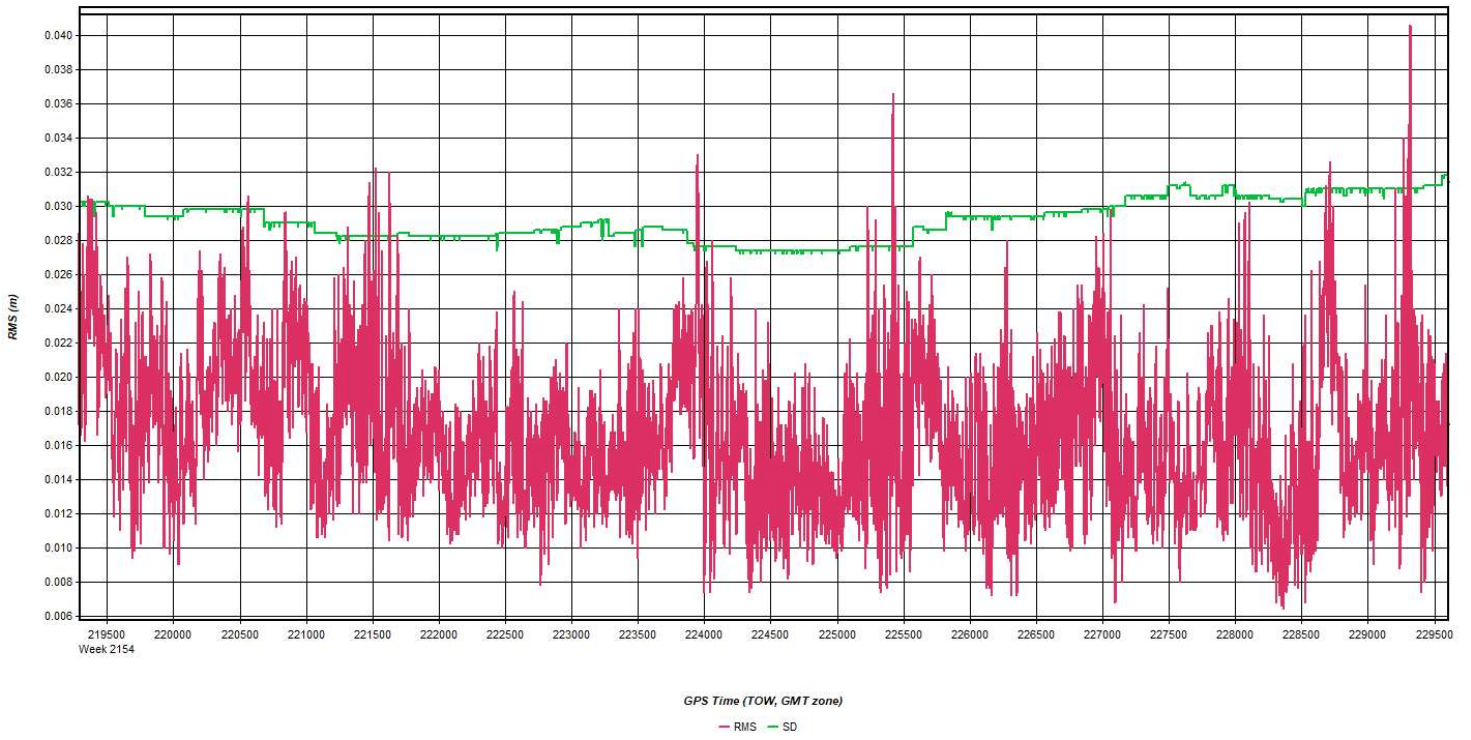
Process	20210420_125330_22	by Unknown	on 4/26/2021	at 11:57:56
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Figure 16: 20210420_125330_22 [Smoothed TC Combined] - C/A Code Residual RMS Plot



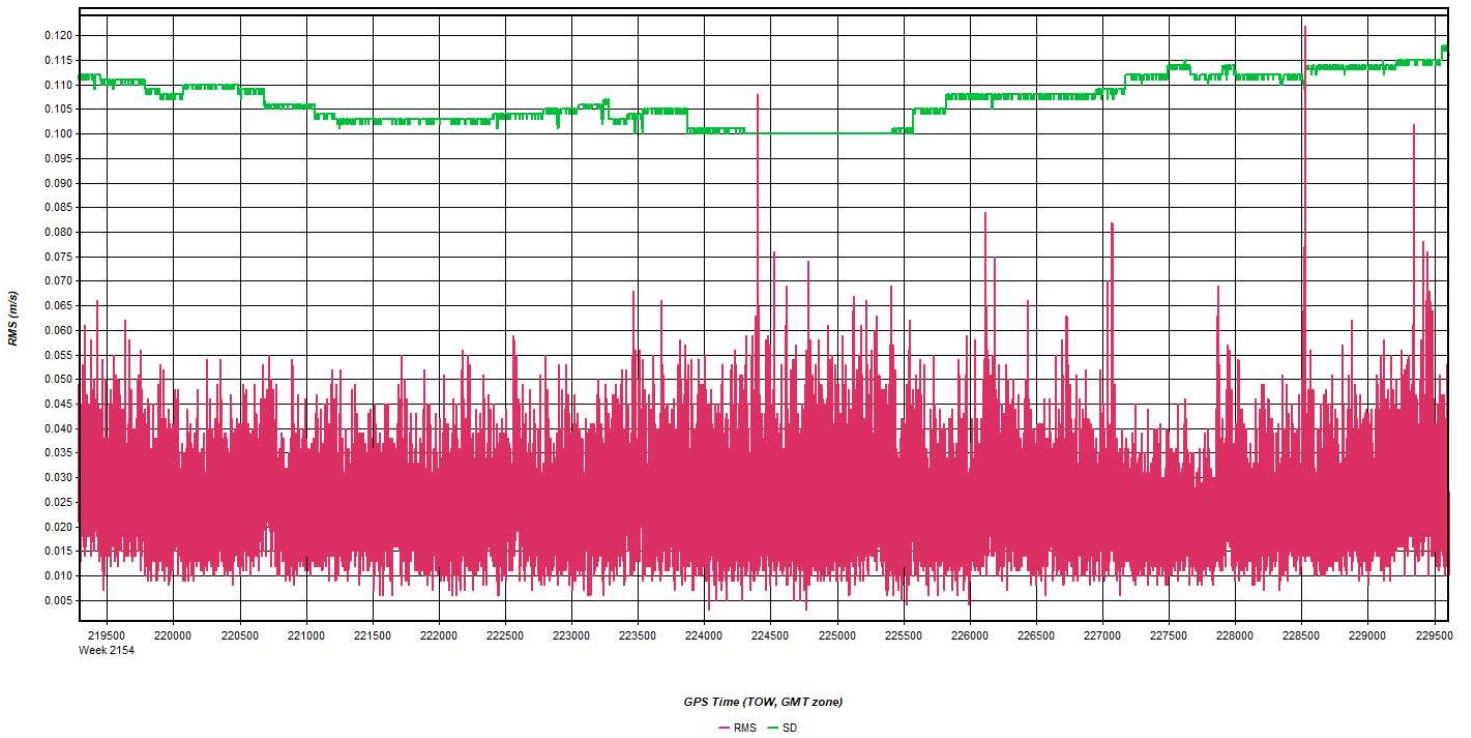
Process	20210420_125330_22	by Unknown	on 4/26/2021	at 11:57:56
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Figure 17: 20210420_125330_22 [Smoothed TC Combined] - Carrier Residual RMS Plot



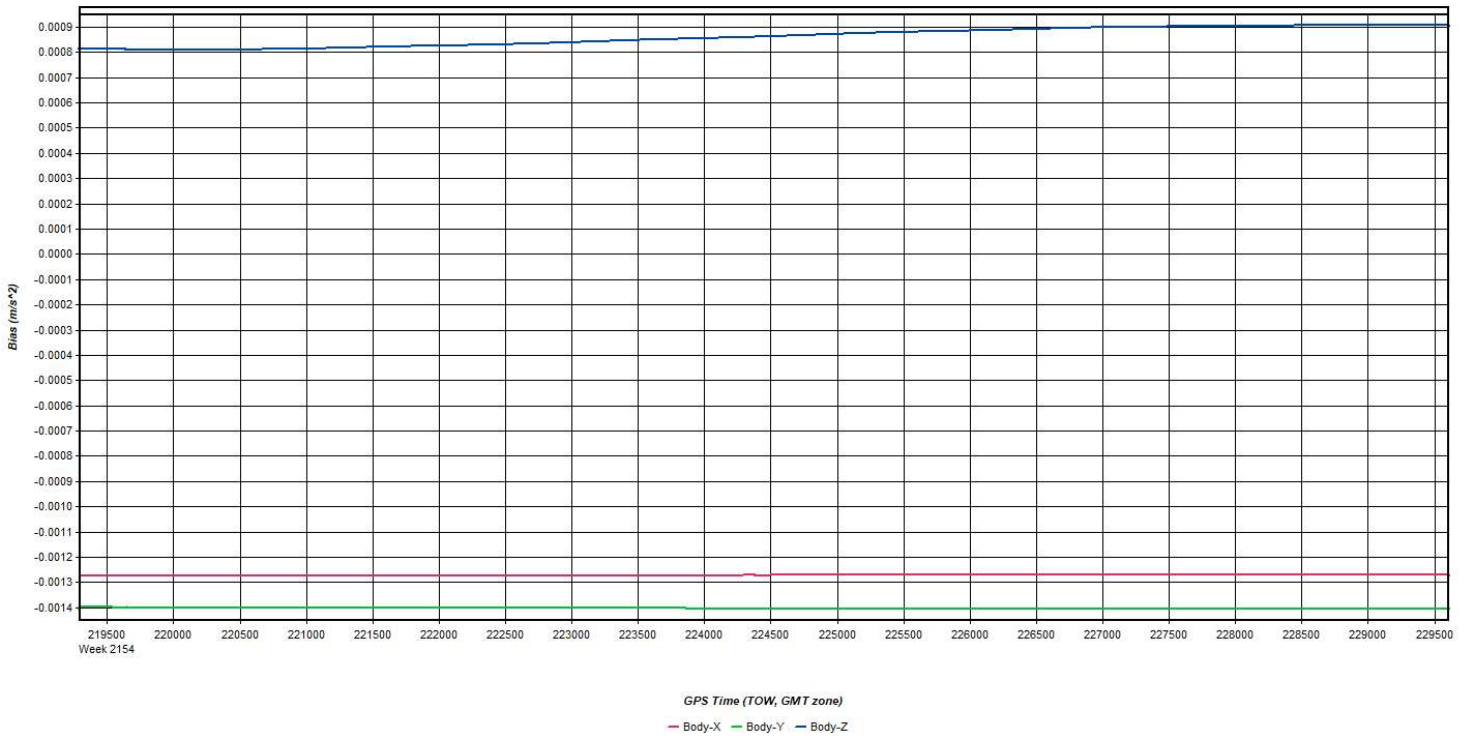
Process	20210420_125330_22	by Unknown	on 4/26/2021	at 11:57:56
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Figure 18: 20210420_125330_22 [Smoothed TC Combined] - L1 Doppler Residual RMS Plot



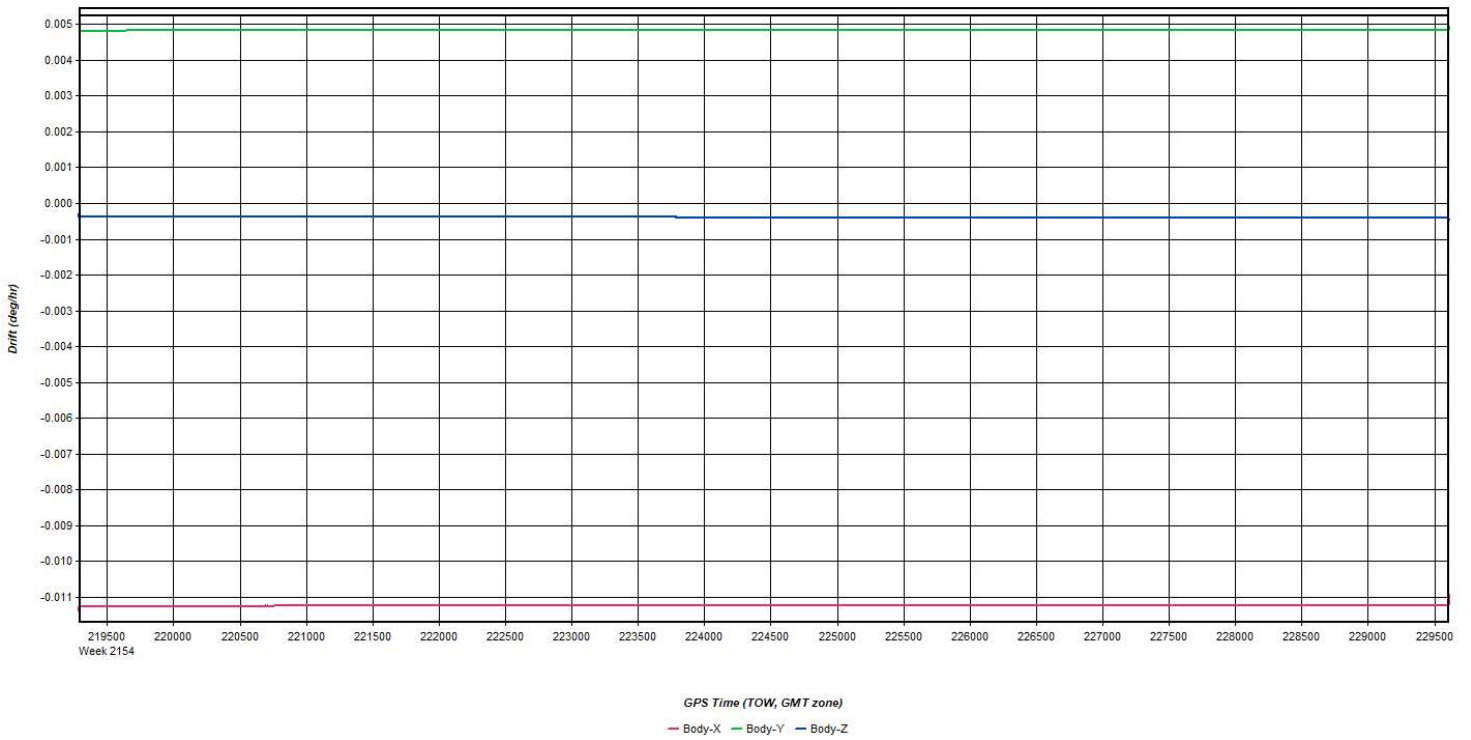
Process	20210420_125330_22	by Unknown	on 4/26/2021	at 11:57:56
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Figure 19: 20210420_125330_22 [Smoothed TC Combined] - Accelerometer Bias Plot



Process	20210420_125330_22	by Unknown	on 4/26/2021	at 11:57:56
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Figure 20: 20210420_125330_22 [Smoothed TC Combined] - Gyro Drift Plot

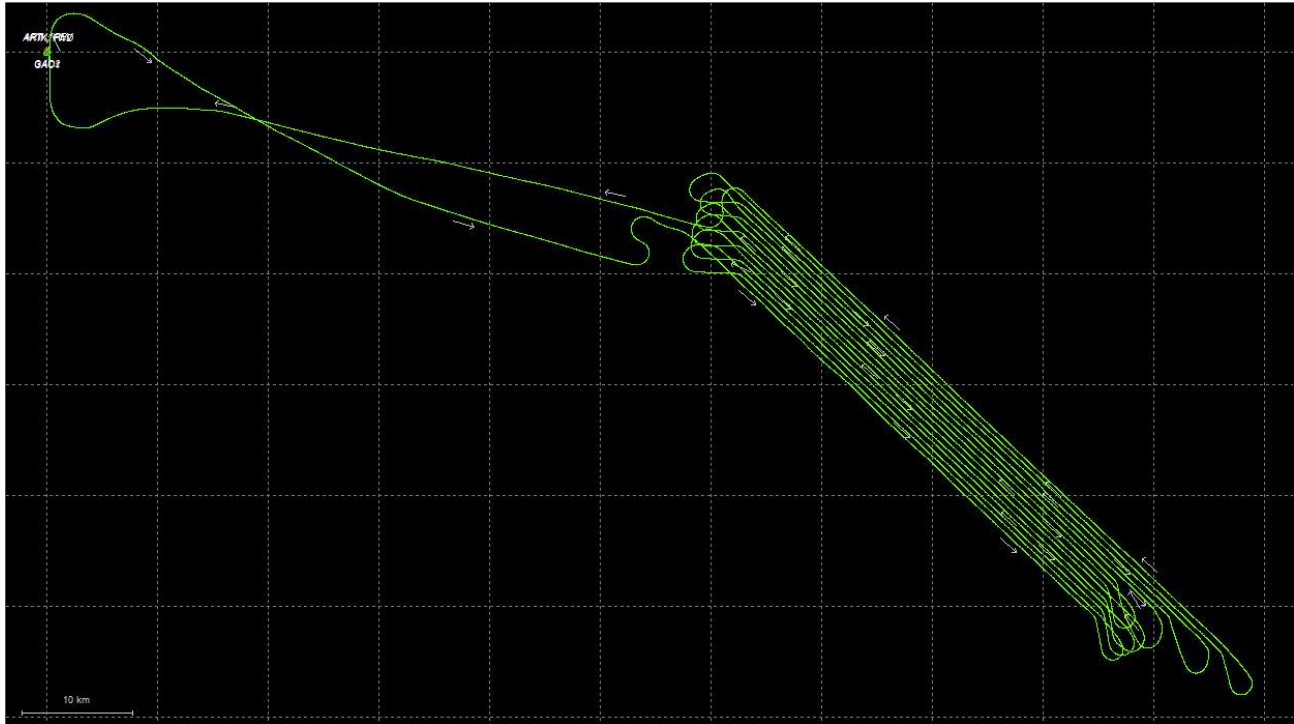


Process	20210420_125330_22	by Unknown	on 4/26/2021	at 11:57:56
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Output Results for 20210421_065040_23

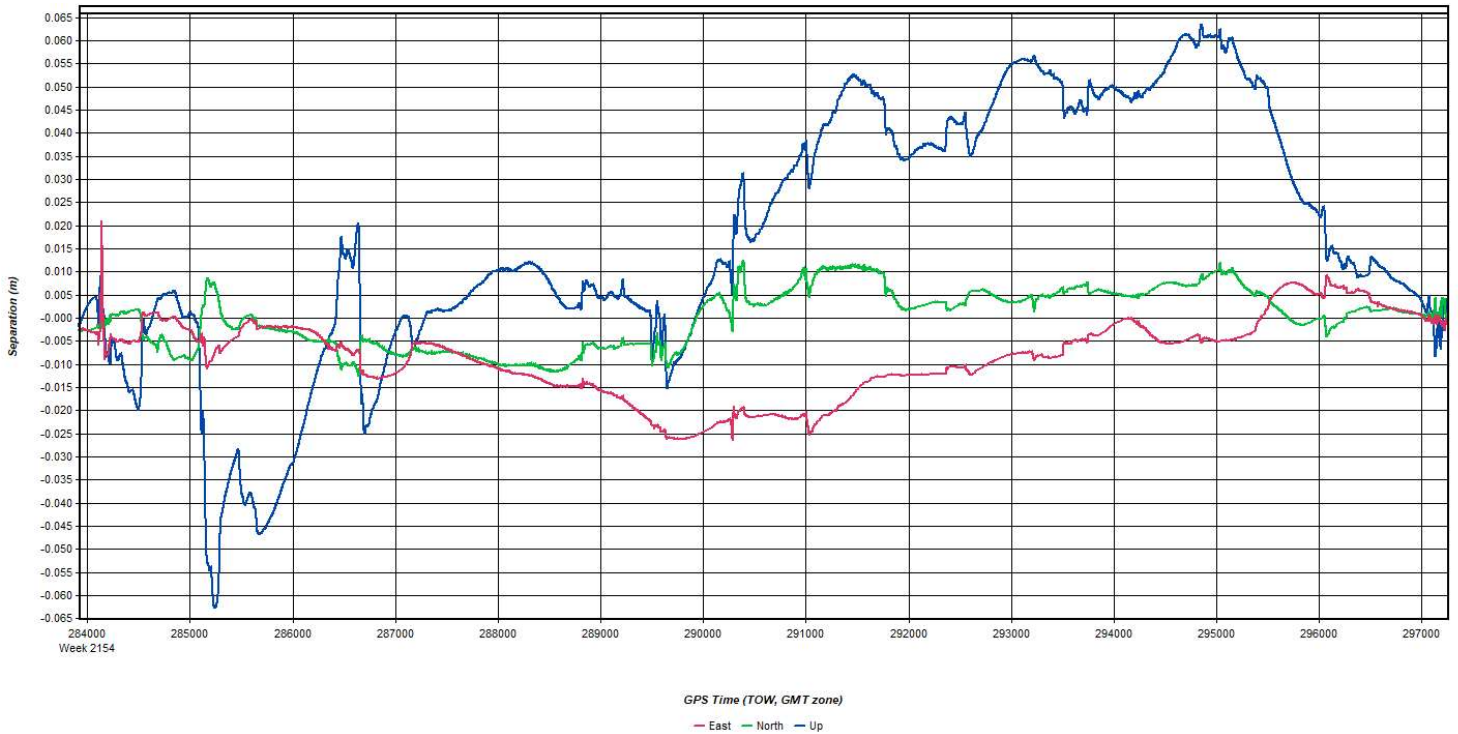
Inertial Explorer Version 8.90.2124
04/26/2021

Figure 1: Smoothed TC Combined - Map



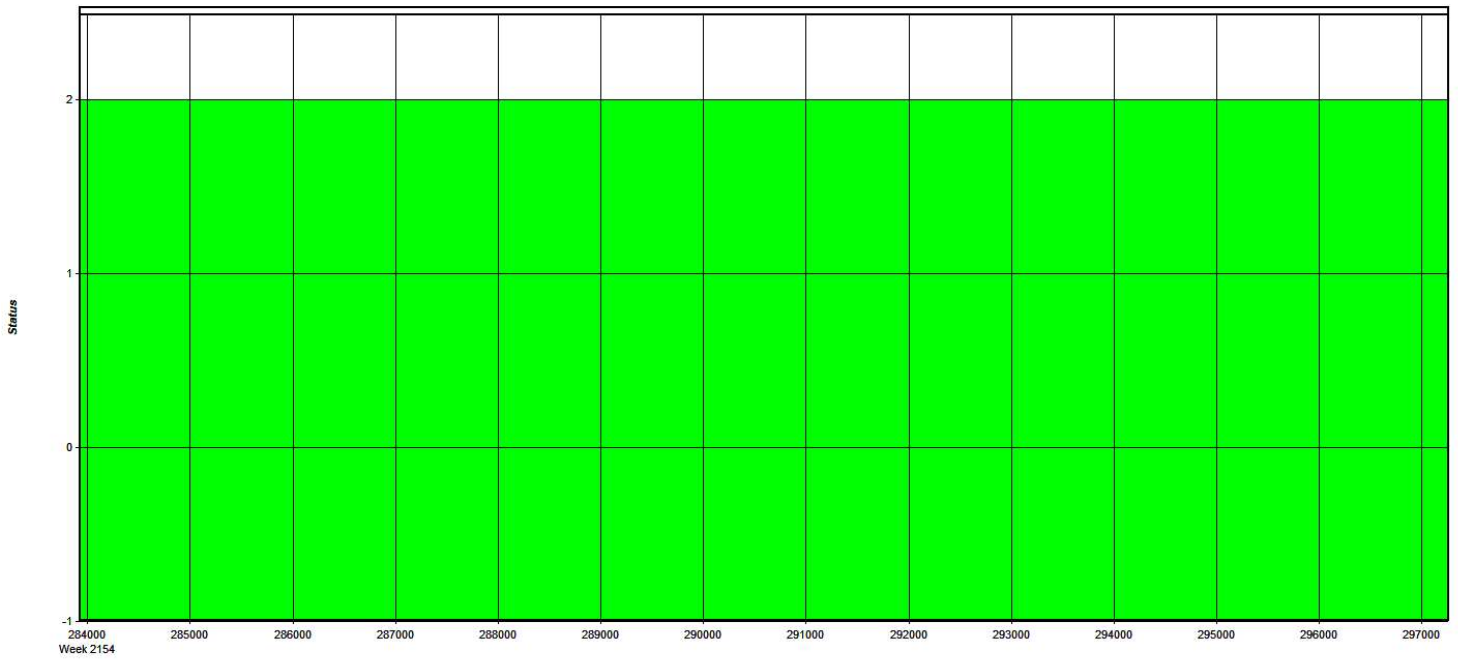
Process	20210421_065040_23	by Unknown	on 4/26/2021	at 15:57:22
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Figure 2: 20210421_065040_23 [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot



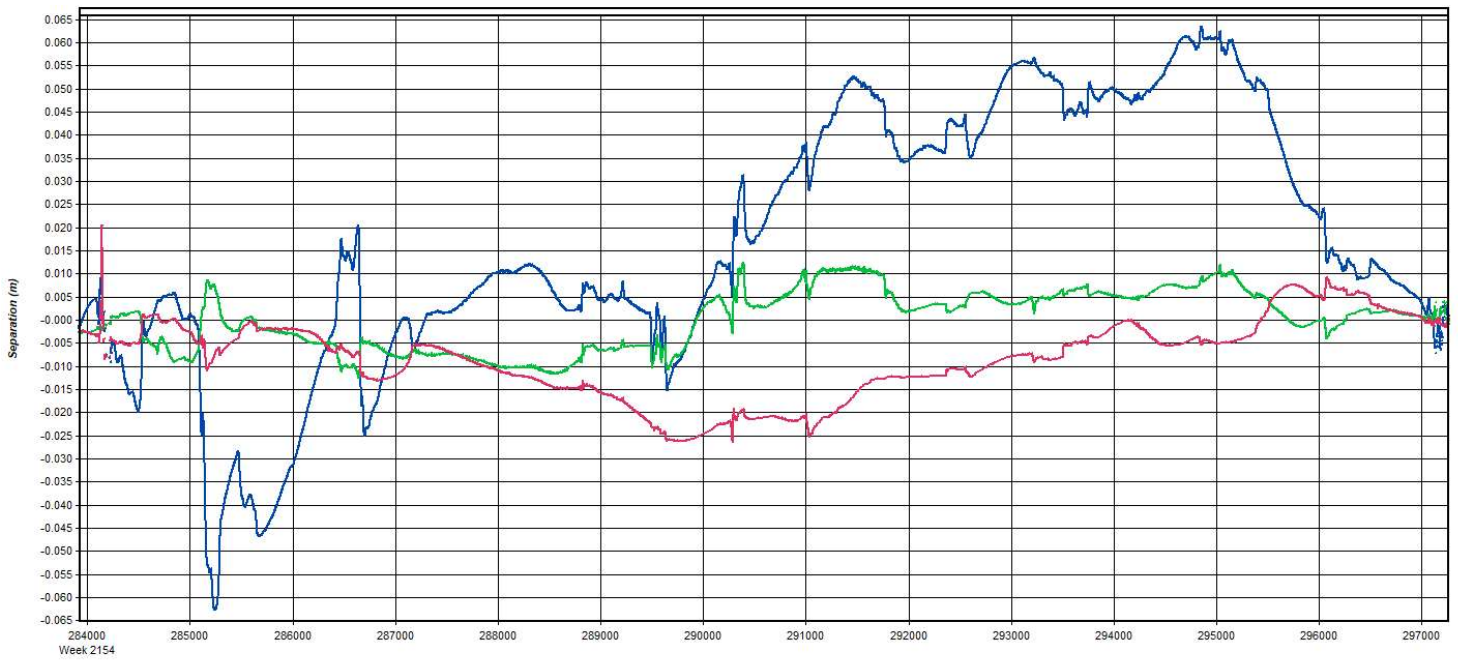
Process	20210421_065040_23	by Unknown	on 4/26/2021	at 15:57:22
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Figure 3: 20210421_065040_23 [Smoothed TC Combined] - Float or Fixed Ambiguity



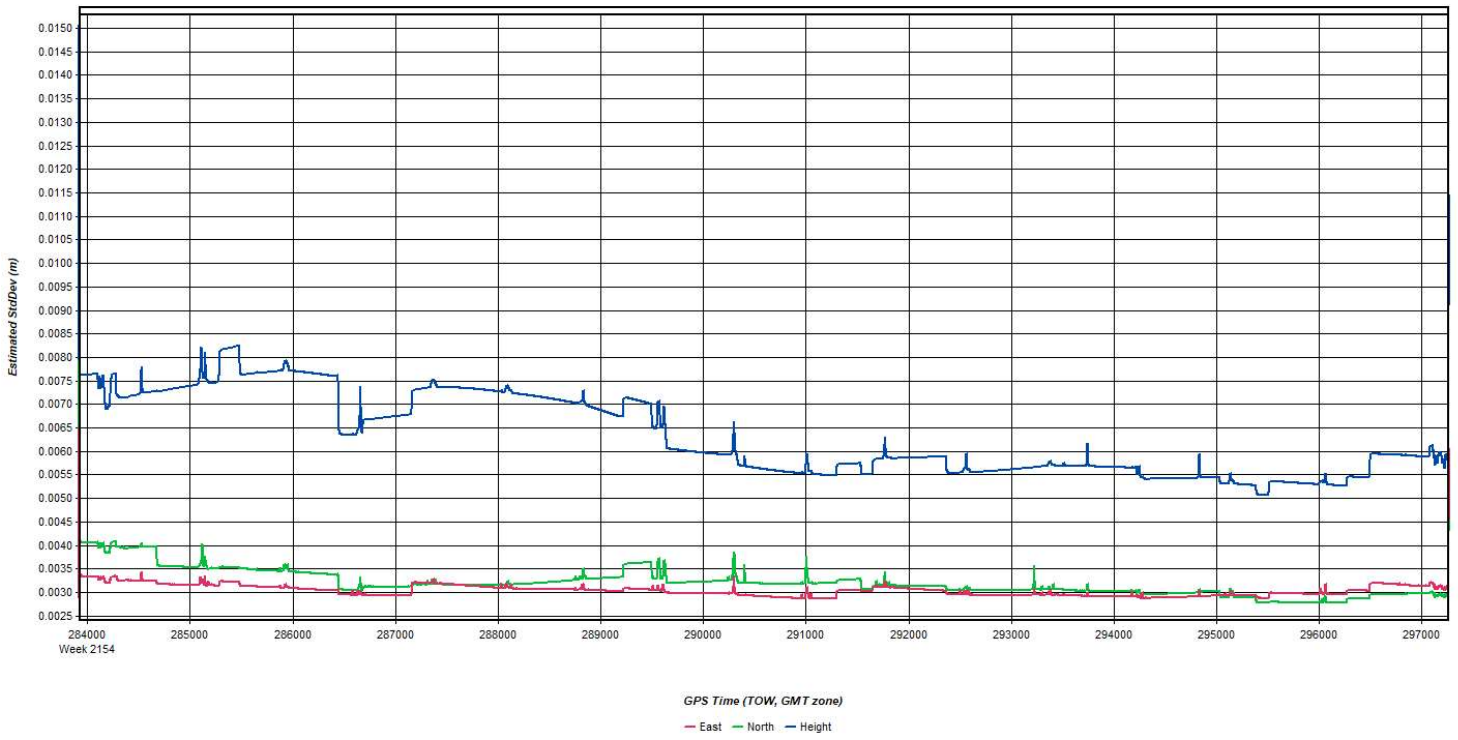
Process	20210421_065040_23	by Unknown	on 4/26/2021	at 15:57:22
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Figure 4: 20210421_065040_23 [Smoothed TC Combined] - Forward/Reverse Separation Plot (Fixed)



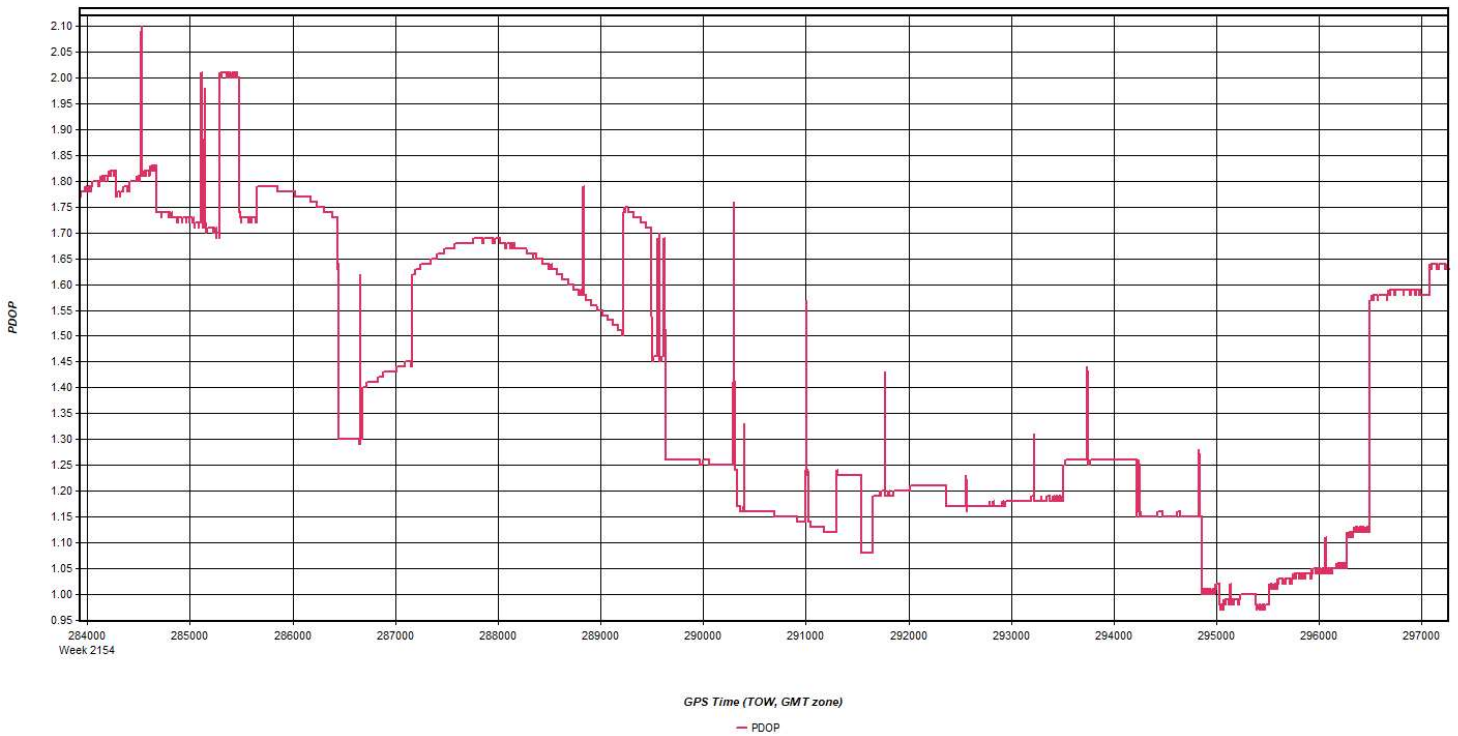
Process	20210421_065040_23	by Unknown	on 4/26/2021	at 15:57:22
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Figure 5: 20210421_065040_23 [Smoothed TC Combined] - Estimated Position Accuracy Plot



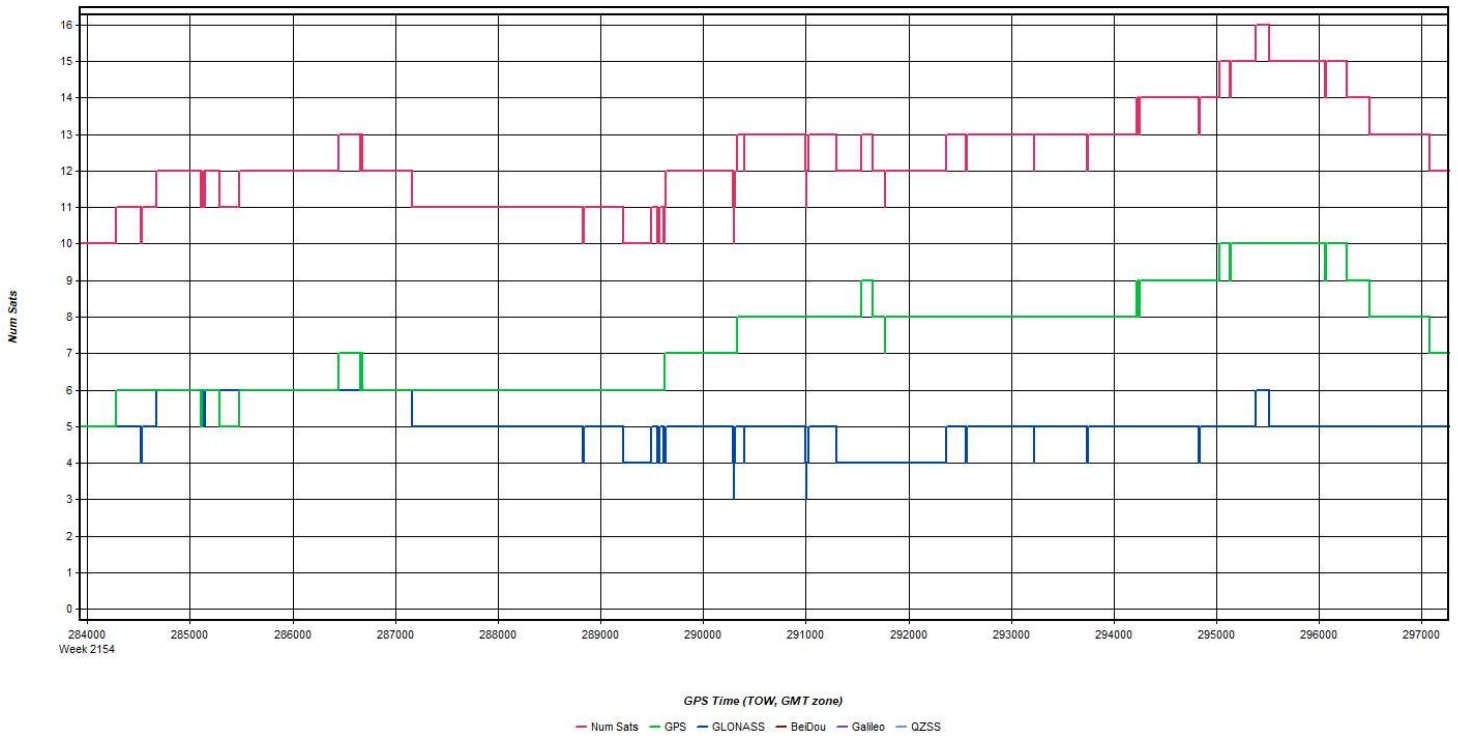
Process	20210421_065040_23	by Unknown	on 4/26/2021	at 15:57:22
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Figure 6: 20210421_065040_23 [Smoothed TC Combined] - PDOP Plot



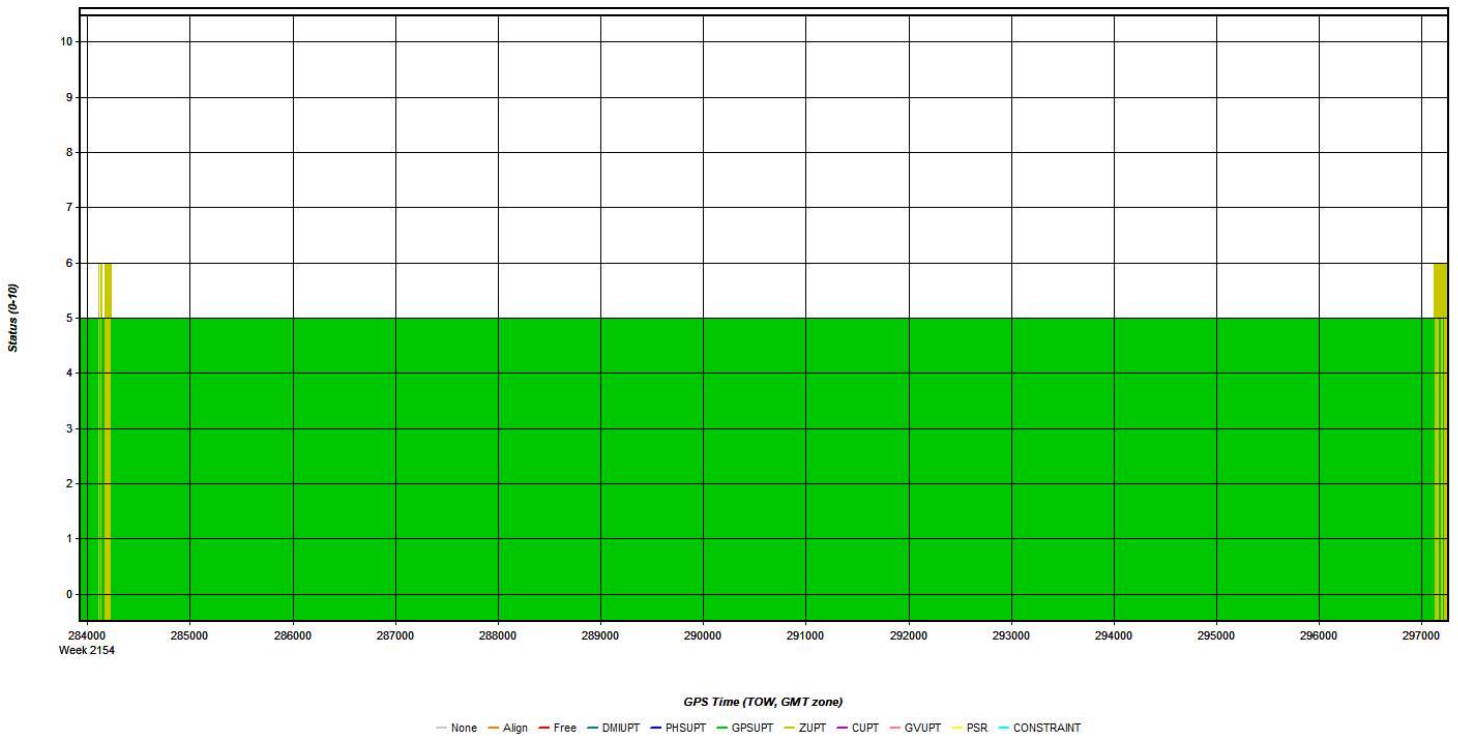
Process	20210421_065040_23	by Unknown	on 4/26/2021	at 15:57:22
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Figure 7: 20210421_065040_23 [Smoothed TC Combined] - Number of Satellites Line Plot



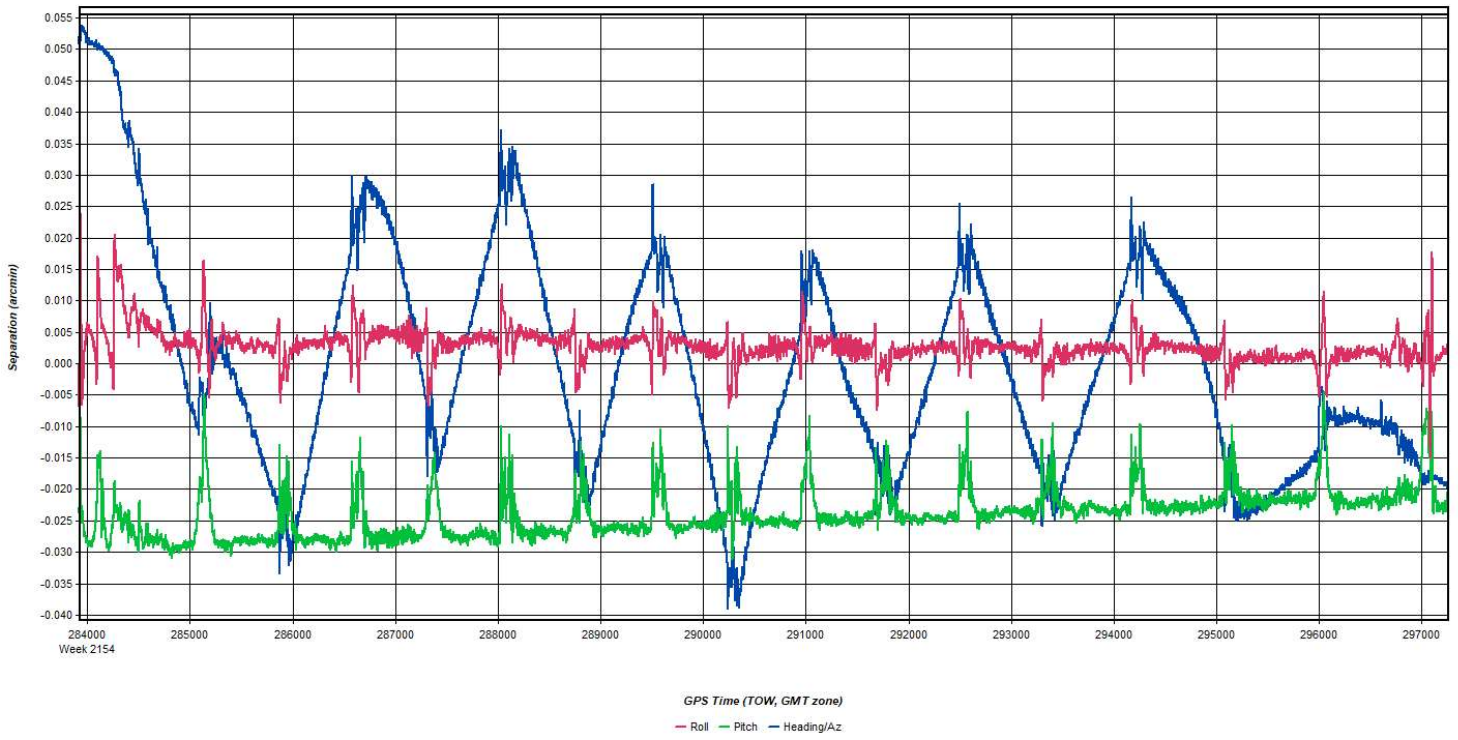
Process	20210421_065040_23	by Unknown	on 4/26/2021	at 15:57:22
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Figure 8: 20210421_065040_23 [Smoothed TC Combined] - Status flag for IMU processing



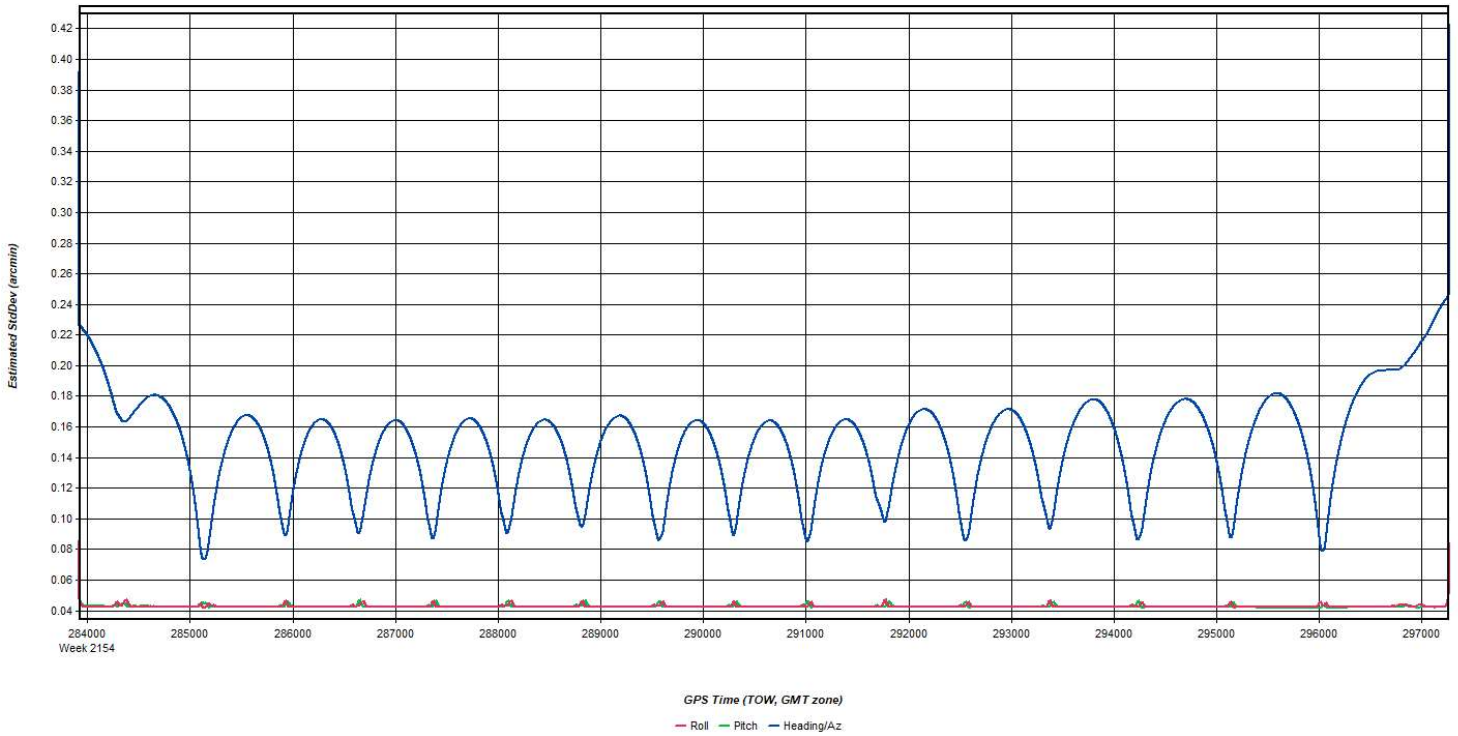
Process	20210421_065040_23	by Unknown	on 4/26/2021	at 15:57:22
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Figure 9: 20210421_065040_23 [Smoothed TC Combined] - Fwd/Rev Attitude Separation Plot



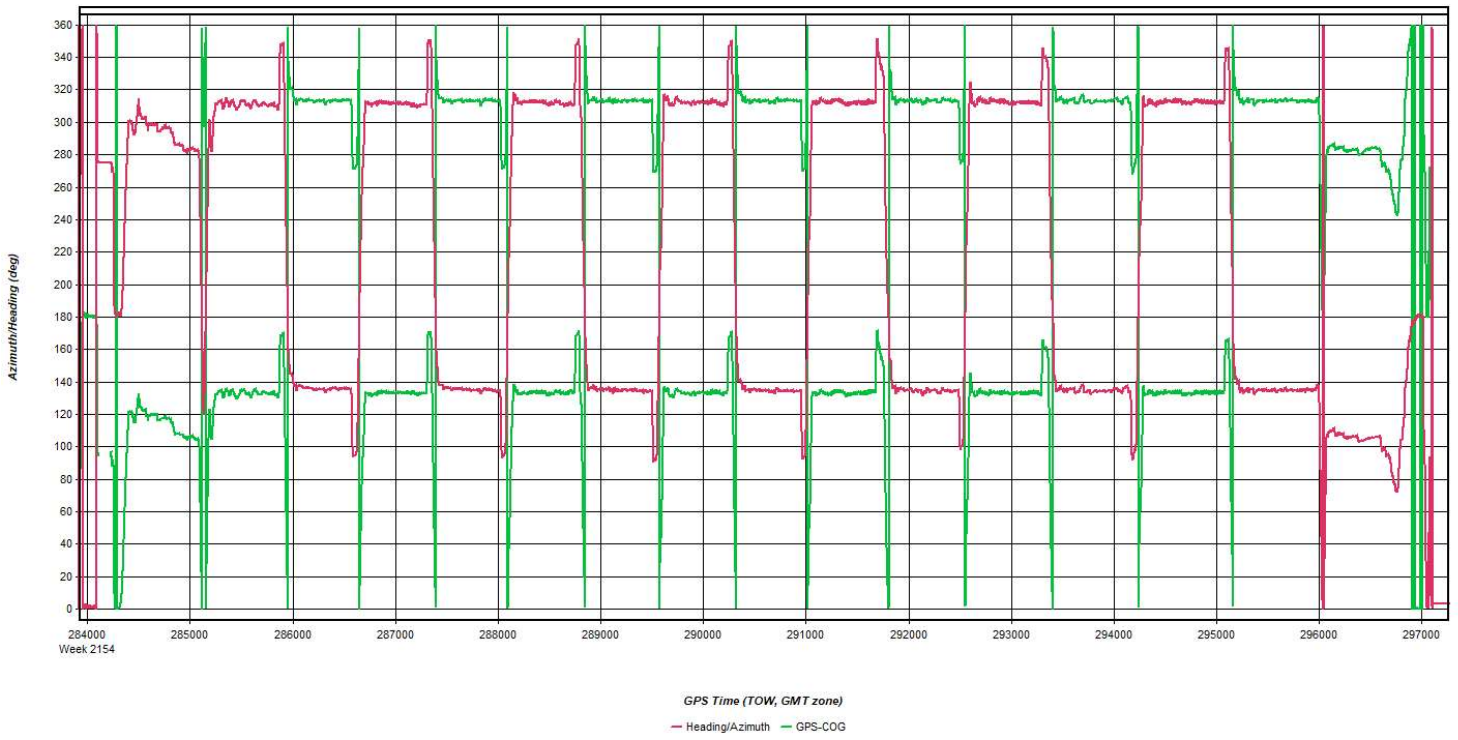
Process	20210421_065040_23	by Unknown	on 4/26/2021	at 15:57:22
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Figure 10: 20210421_065040_23 [Smoothed TC Combined] - Estimated Attitude Accuracy Plot



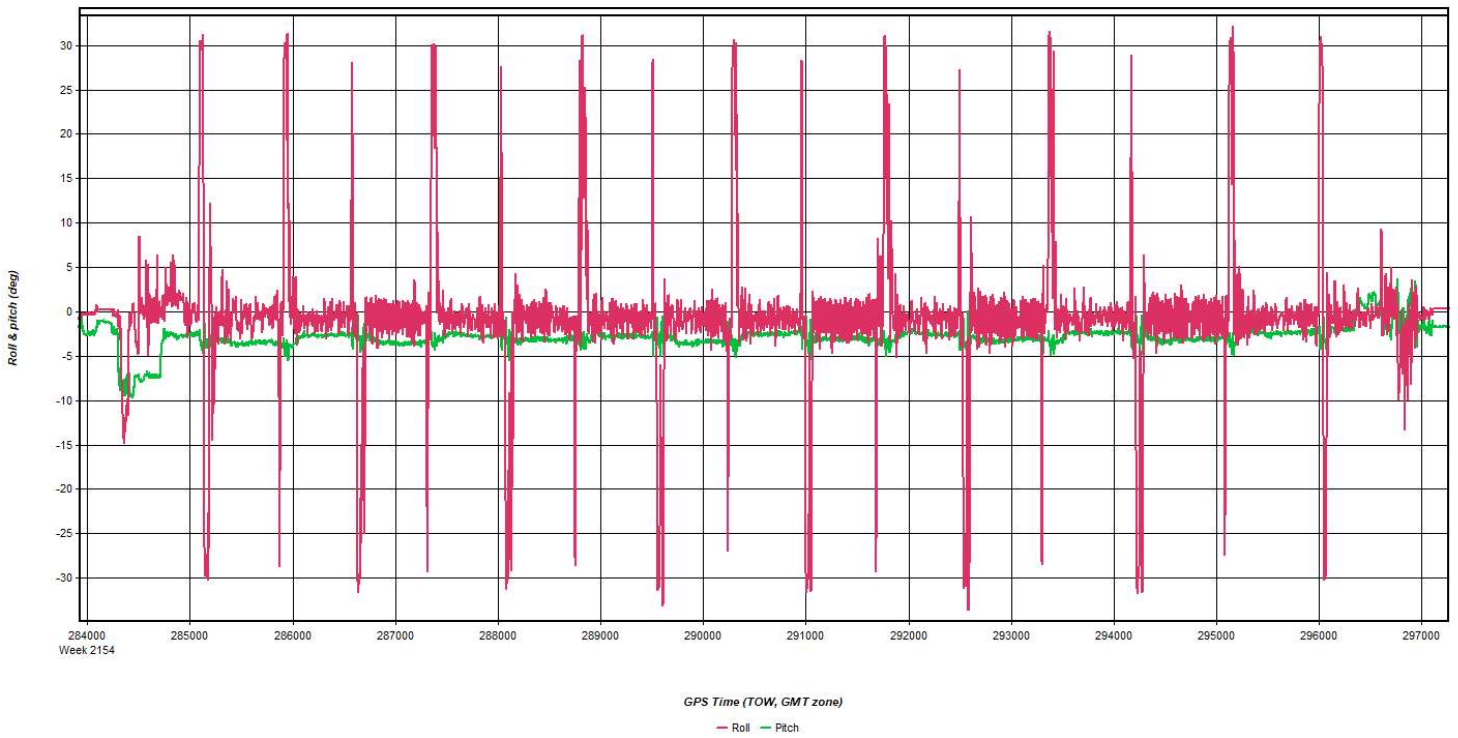
Process	20210421_065040_23	by Unknown	on 4/26/2021	at 15:57:22
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Figure 11: 20210421_065040_23 [Smoothed TC Combined] - Azimuth Plot



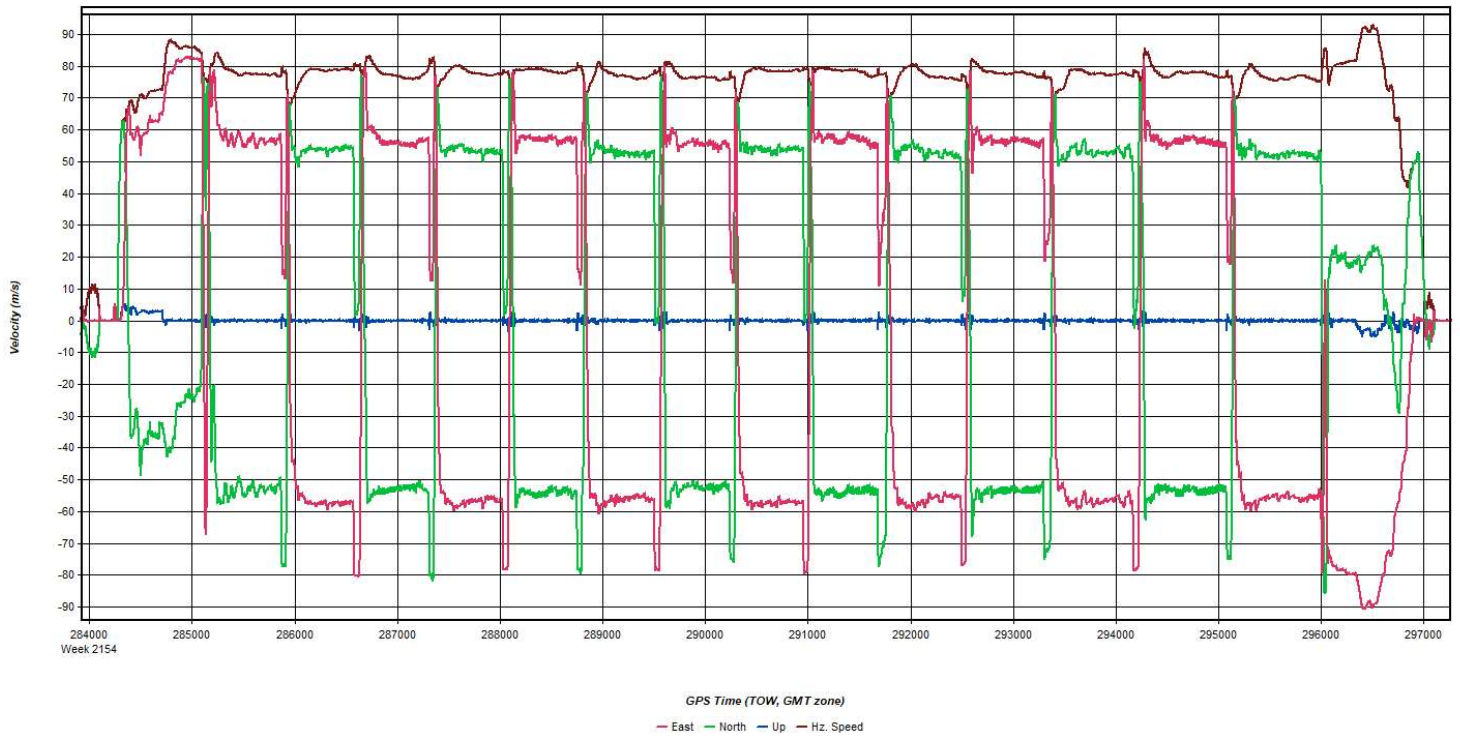
Process	20210421_065040_23	by Unknown	on 4/26/2021	at 15:57:22
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Figure 12: 20210421_065040_23 [Smoothed TC Combined] - Roll & Pitch Plot



Process	20210421_065040_23	by Unknown	on 4/26/2021	at 15:57:22
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Figure 13: 20210421_065040_23 [Smoothed TC Combined] - Velocity Profile Plot



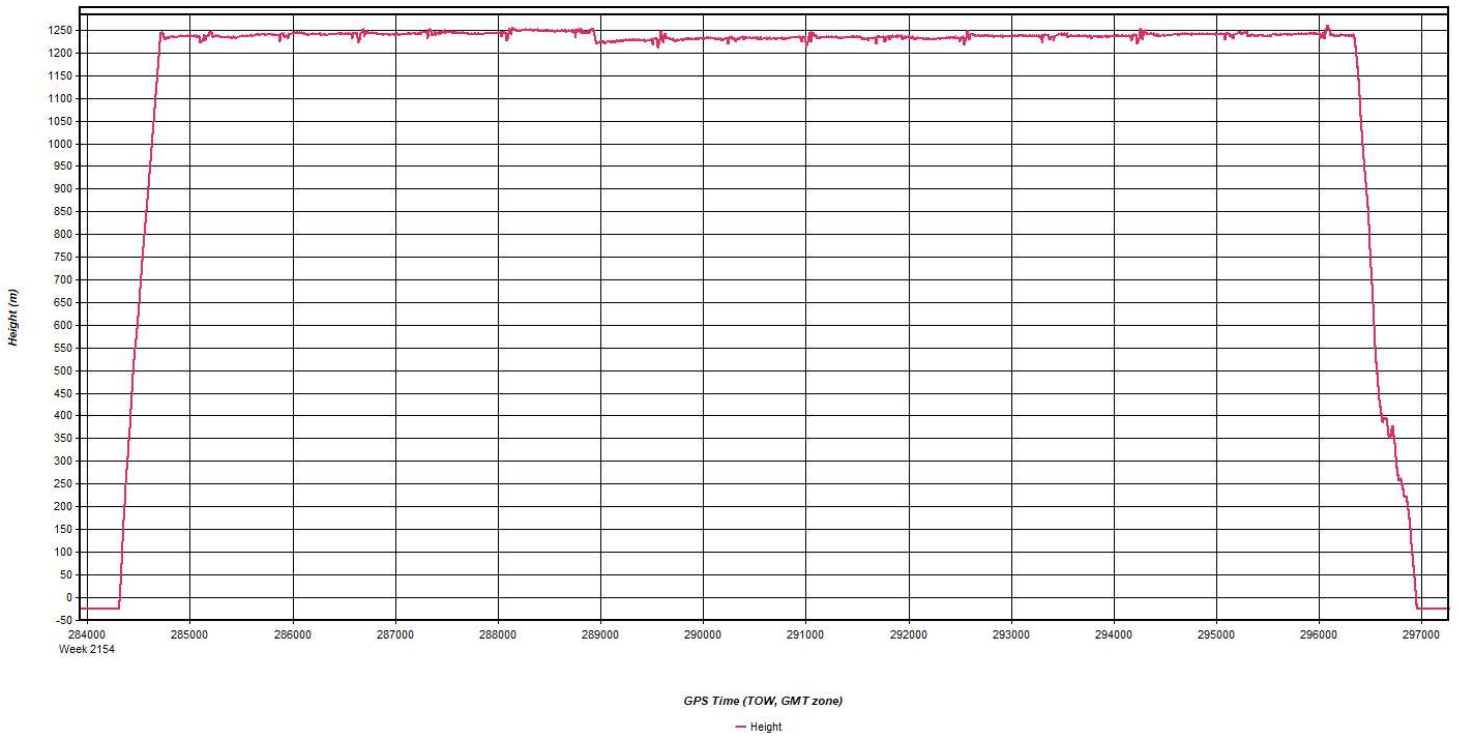
Process	20210421_065040_23	by Unknown	on 4/26/2021	at 15:57:22
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Figure 14: 20210421_065040_23 [Smoothed TC Combined] - Body Frame Velocity Plot



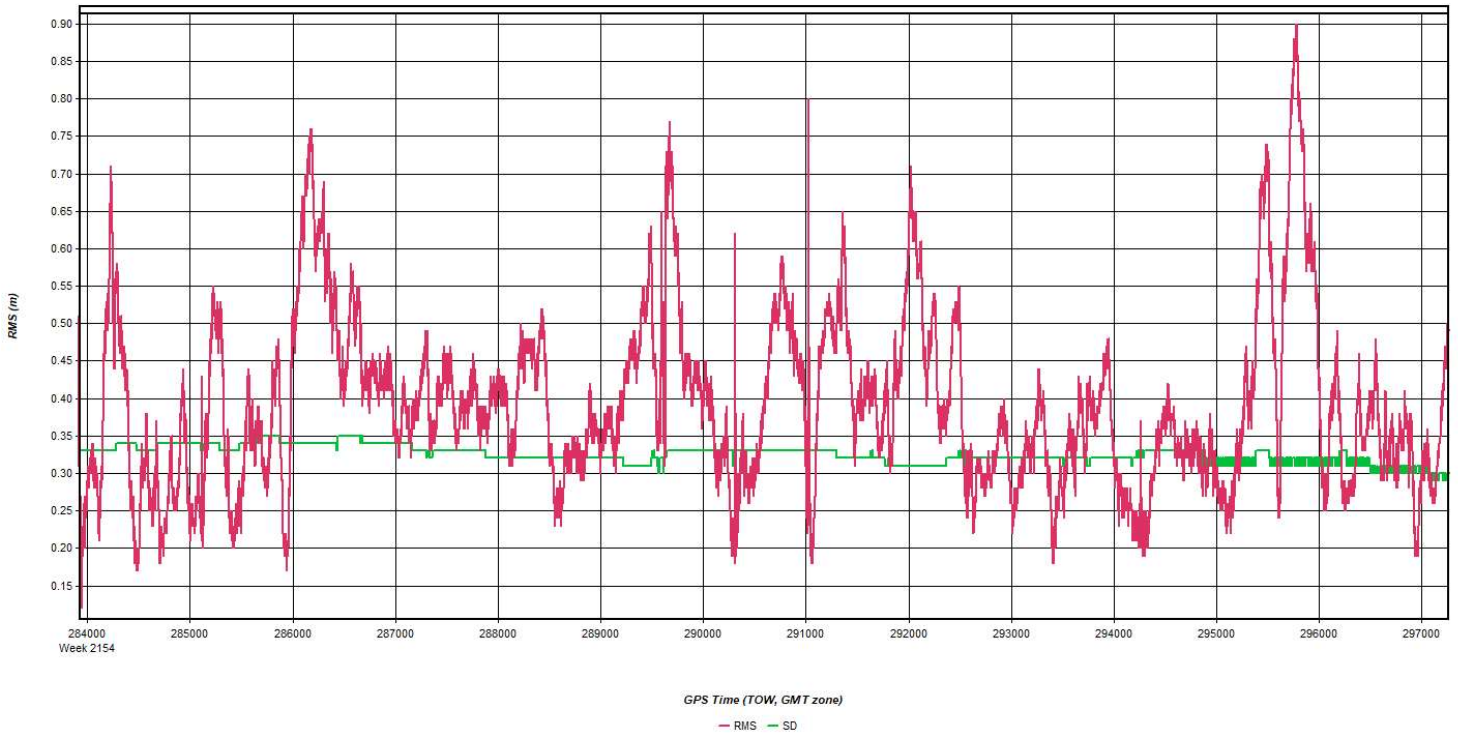
Process	20210421_065040_23	by Unknown	on 4/26/2021	at 15:57:22
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Figure 15: 20210421_065040_23 [Smoothed TC Combined] - Height Profile Plot



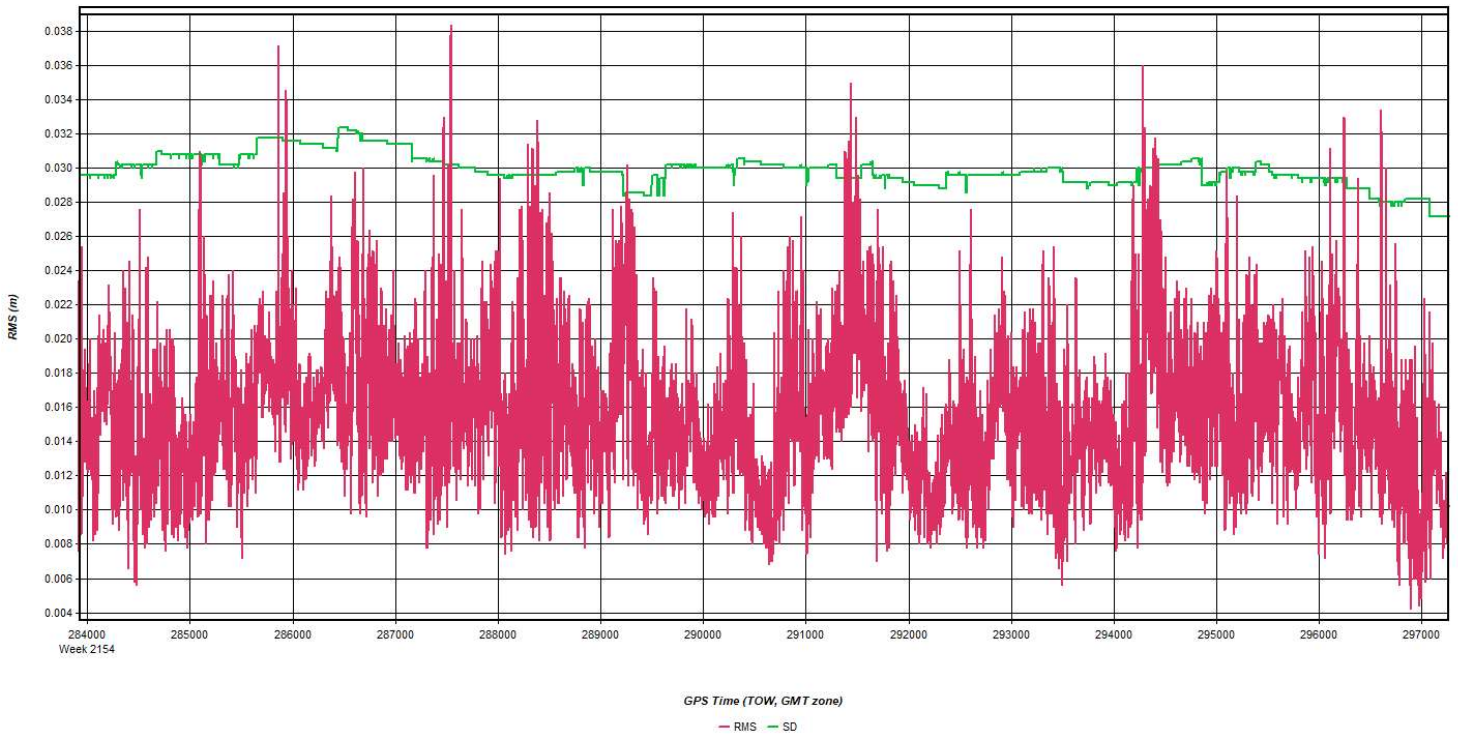
Process	20210421_065040_23	by Unknown	on 4/26/2021	at 15:57:22
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Figure 16: 20210421_065040_23 [Smoothed TC Combined] - C/A Code Residual RMS Plot



Process	20210421_065040_23	by Unknown	on 4/26/2021	at 15:57:22
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Figure 17: 20210421_065040_23 [Smoothed TC Combined] - Carrier Residual RMS Plot



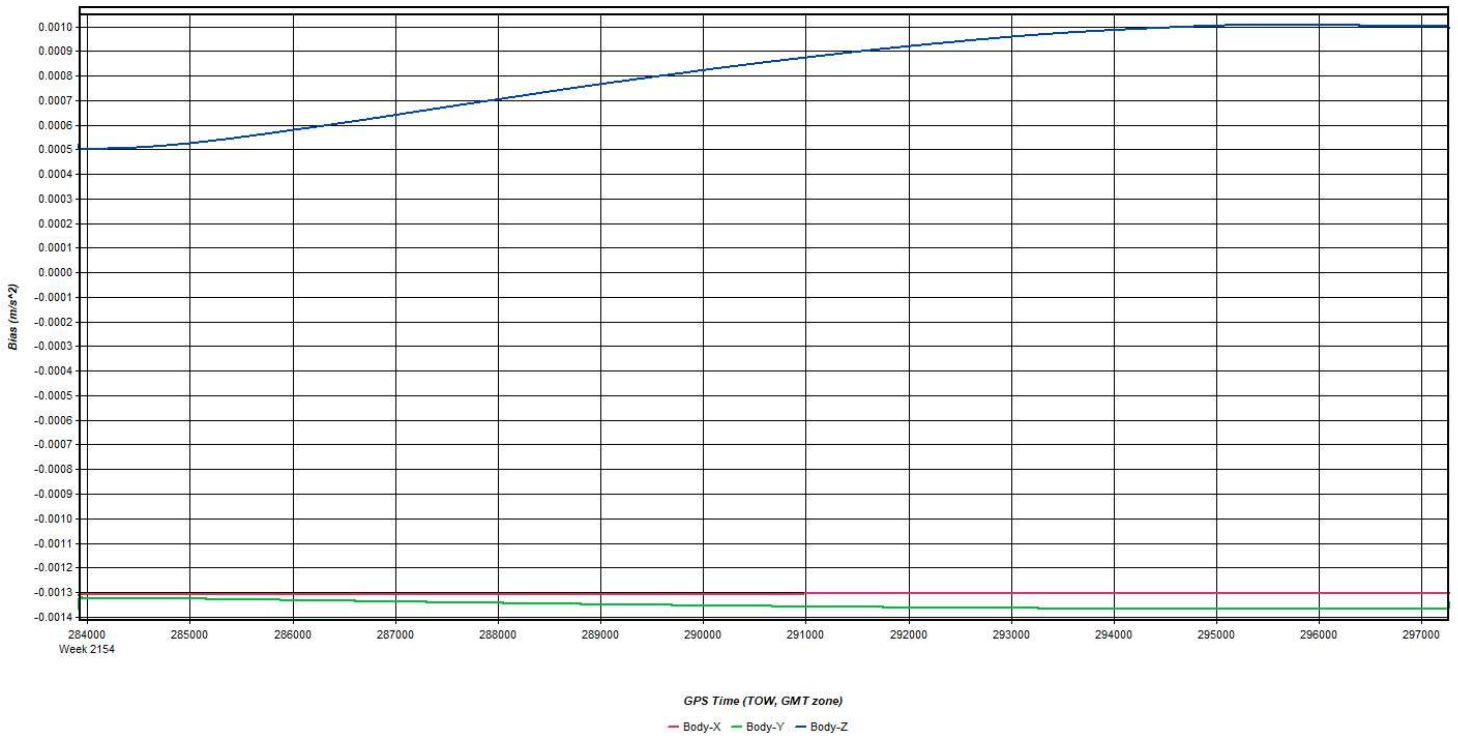
Process	20210421_065040_23	by Unknown	on 4/26/2021	at 15:57:22
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Figure 18: 20210421_065040_23 [Smoothed TC Combined] - L1 Doppler Residual RMS Plot



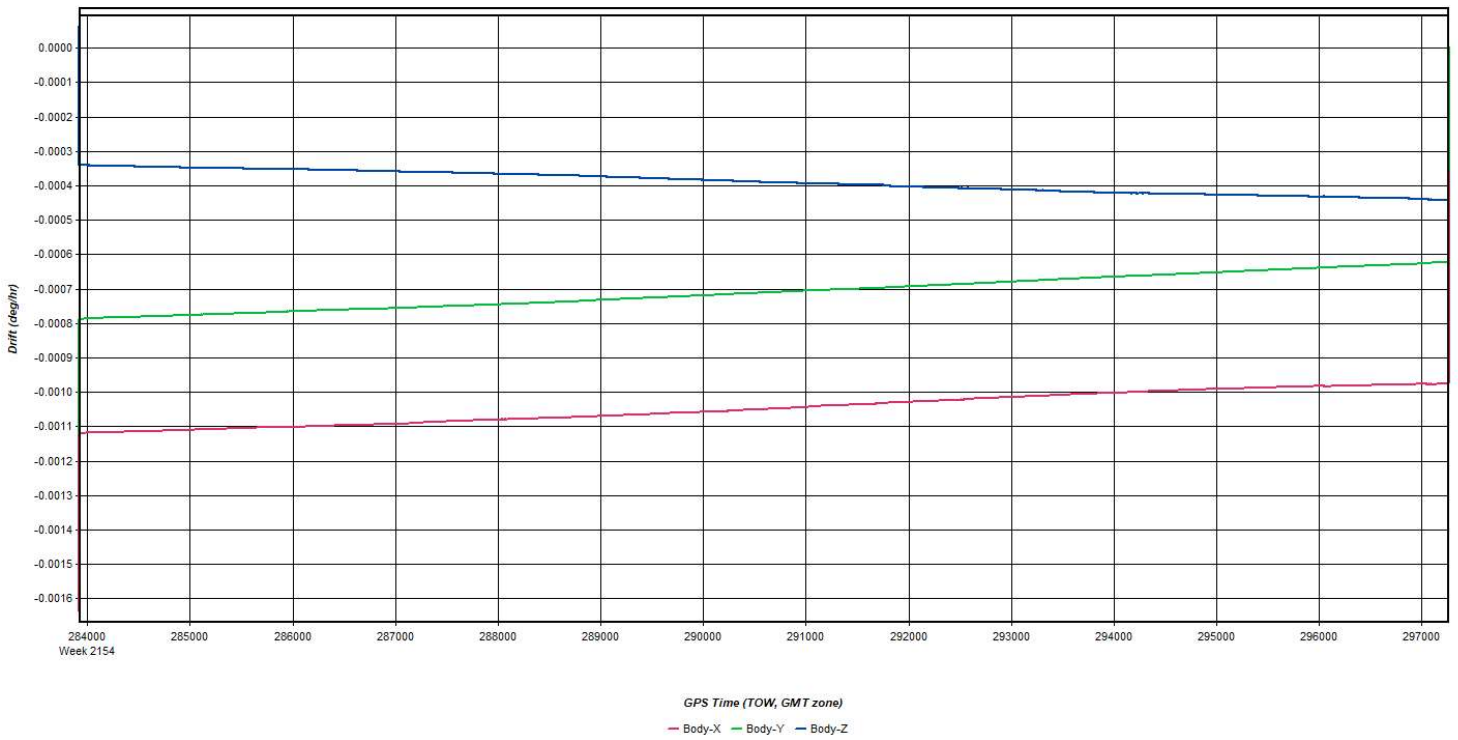
Process	20210421_065040_23	by Unknown	on 4/26/2021	at 15:57:22
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Figure 19: 20210421_065040_23 [Smoothed TC Combined] - Accelerometer Bias Plot



Process	20210421_065040_23	by Unknown	on 4/26/2021	at 15:57:22
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Figure 20: 20210421_065040_23 [Smoothed TC Combined] - Gyro Drift Plot

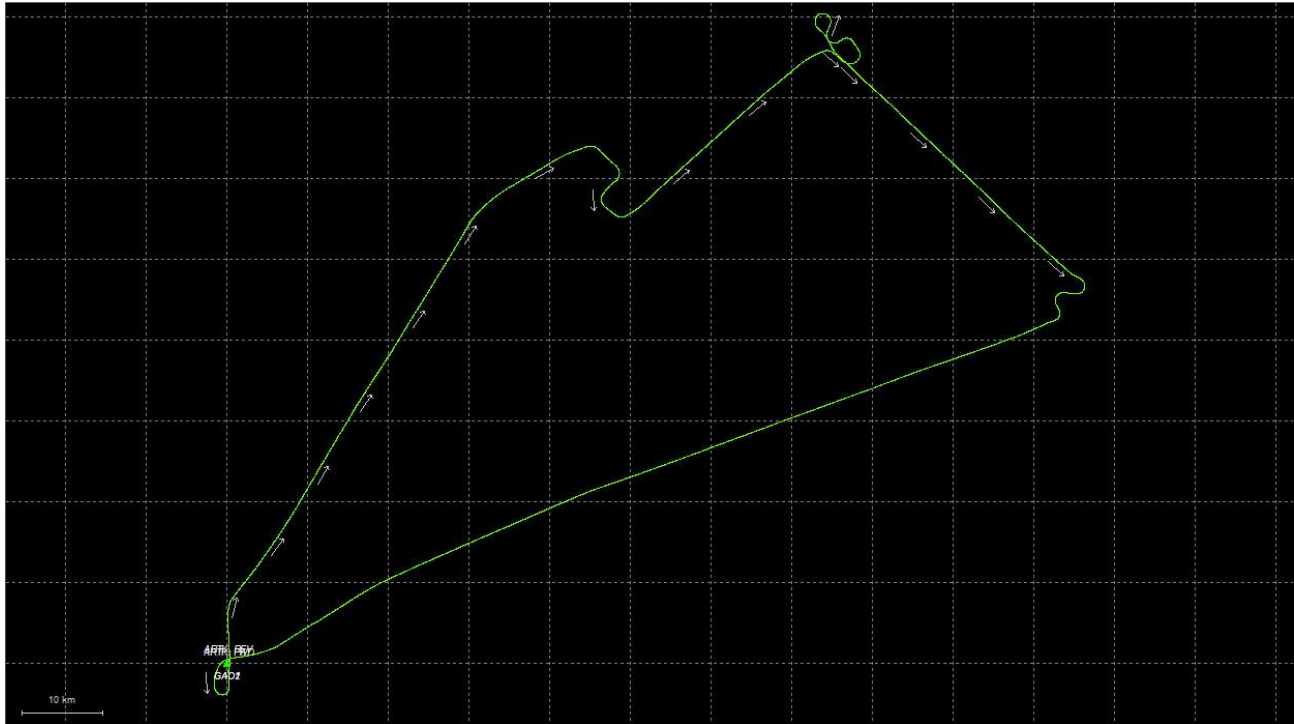


Process	20210421_065040_23	by Unknown	on 4/26/2021	at 15:57:22
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Output Results for 20210421_105712_24

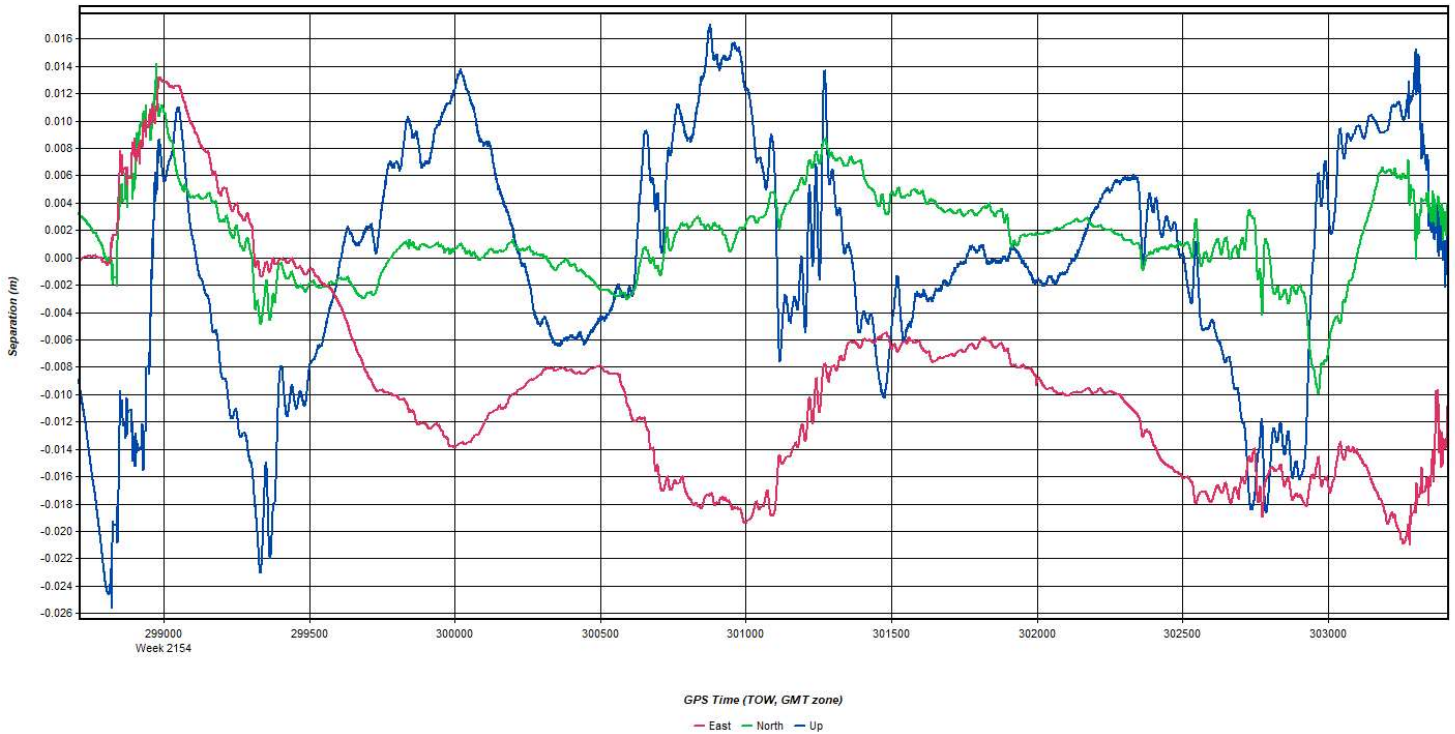
Inertial Explorer Version 8.90.2124
04/25/2021

Figure 1: Smoothed TC Combined - Map



Process	20210421_105712_24	by Unknown	on 4/23/2021	at 17:28:36
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Figure 2: 20210421_105712_24 [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot



Process	20210421_105712_24	by Unknown	on 4/23/2021	at 17:28:36
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Figure 3: 20210421_105712_24 [Smoothed TC Combined] - Float or Fixed Ambiguity

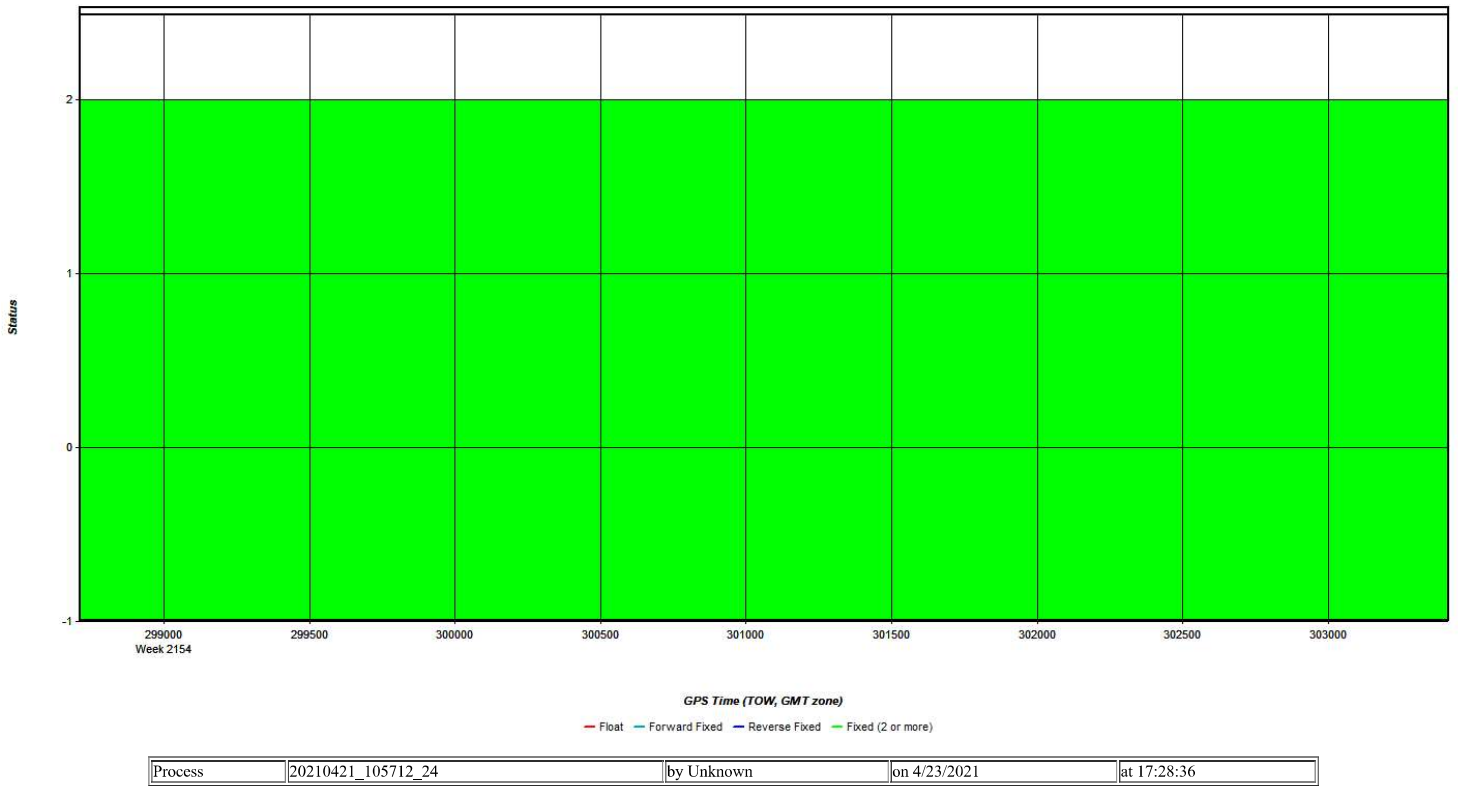


Figure 4: 20210421_105712_24 [Smoothed TC Combined] - Forward/Reverse Separation Plot (Fixed)

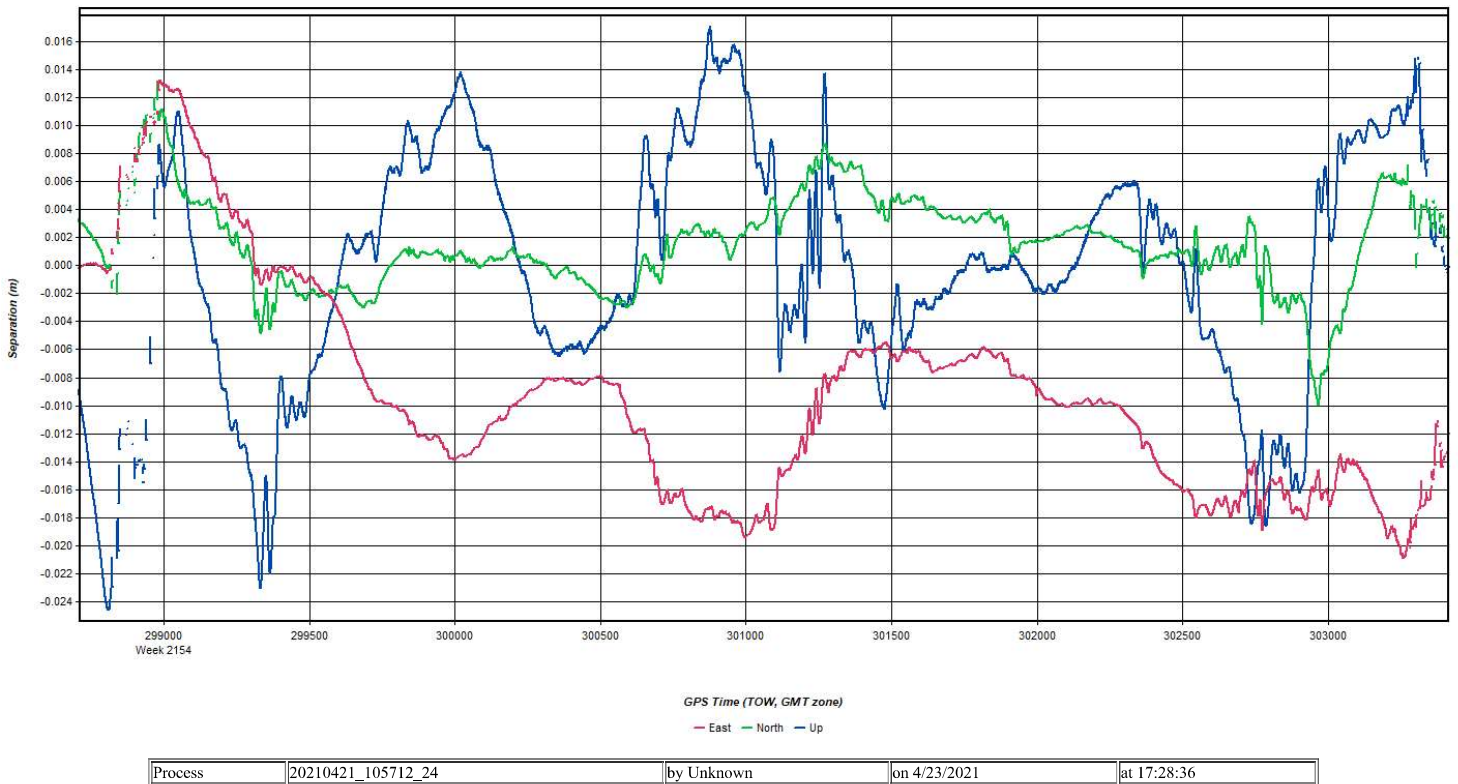


Figure 5: 20210421_105712_24 [Smoothed TC Combined] - Estimated Position Accuracy Plot

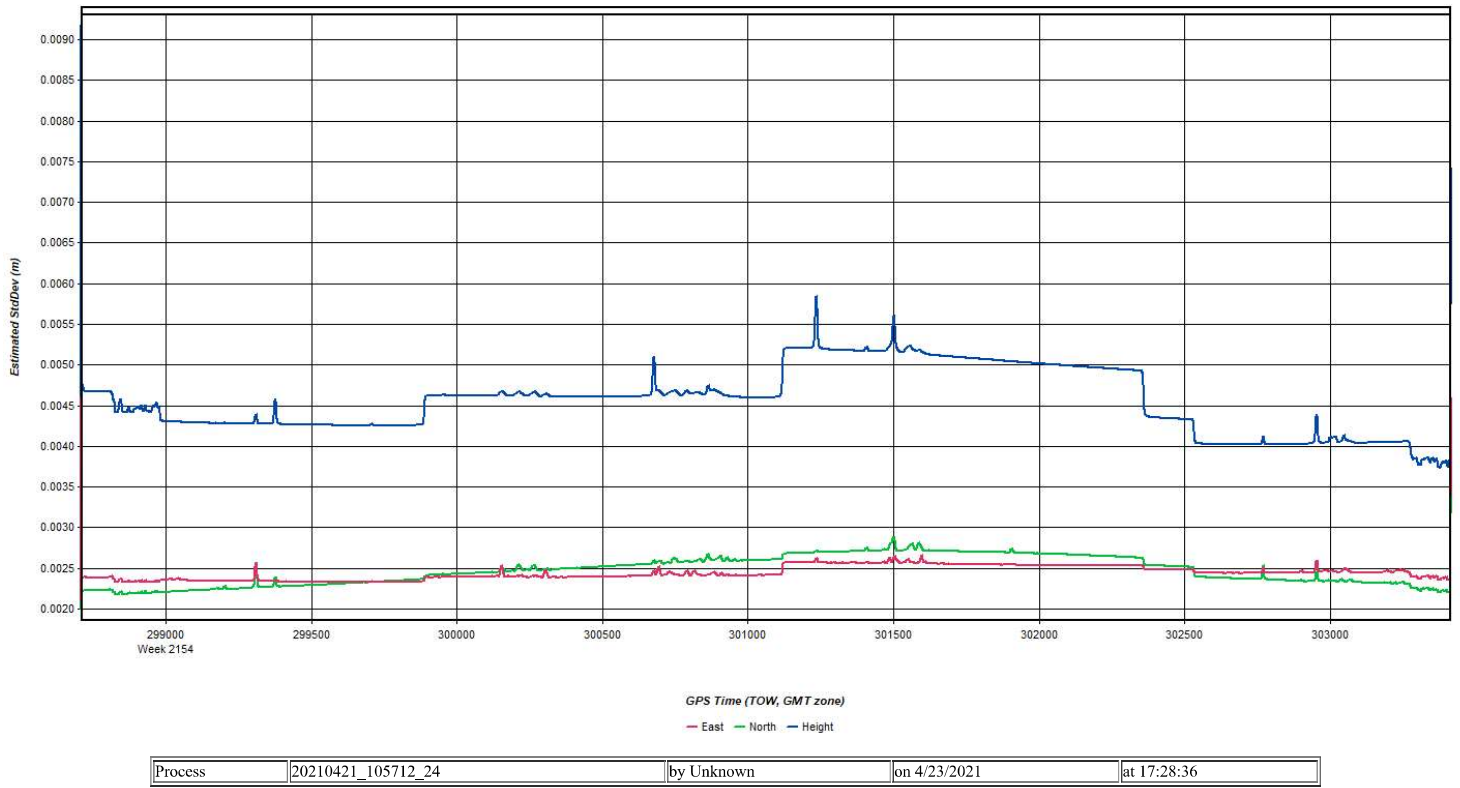


Figure 6: 20210421_105712_24 [Smoothed TC Combined] - PDOP Plot

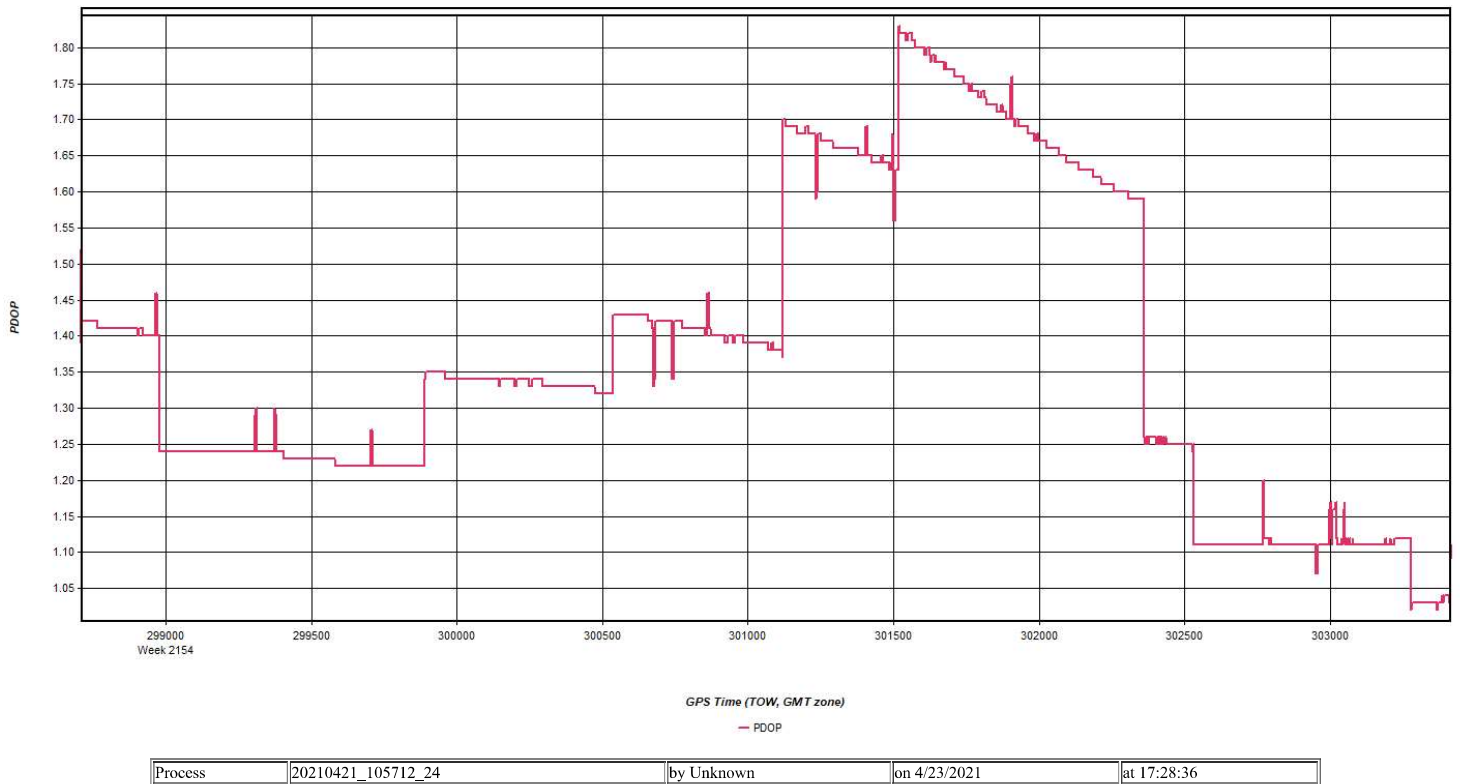


Figure 7: 20210421_105712_24 [Smoothed TC Combined] - Number of Satellites Line Plot

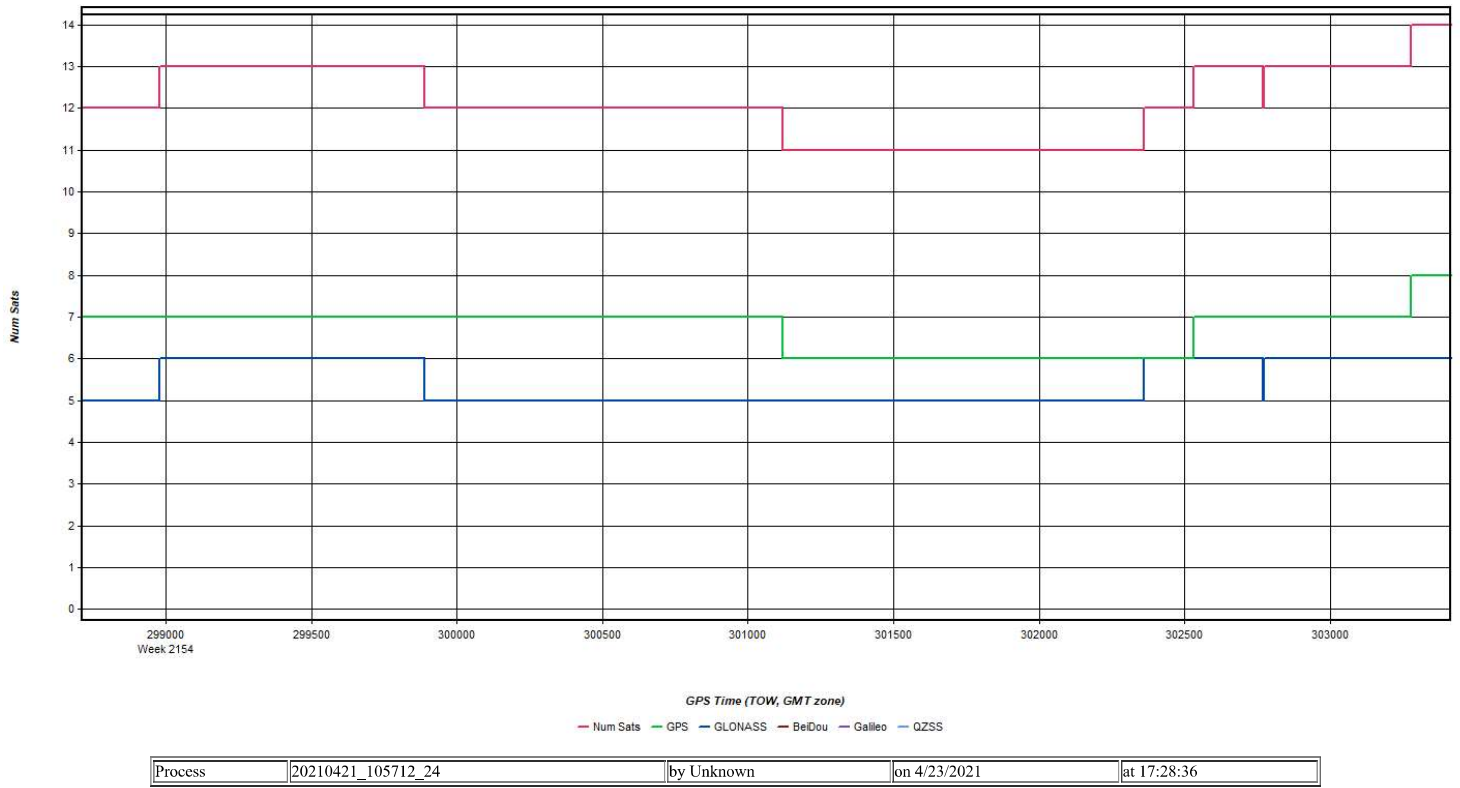


Figure 8: 20210421_105712_24 [Smoothed TC Combined] - Status flag for IMU processing

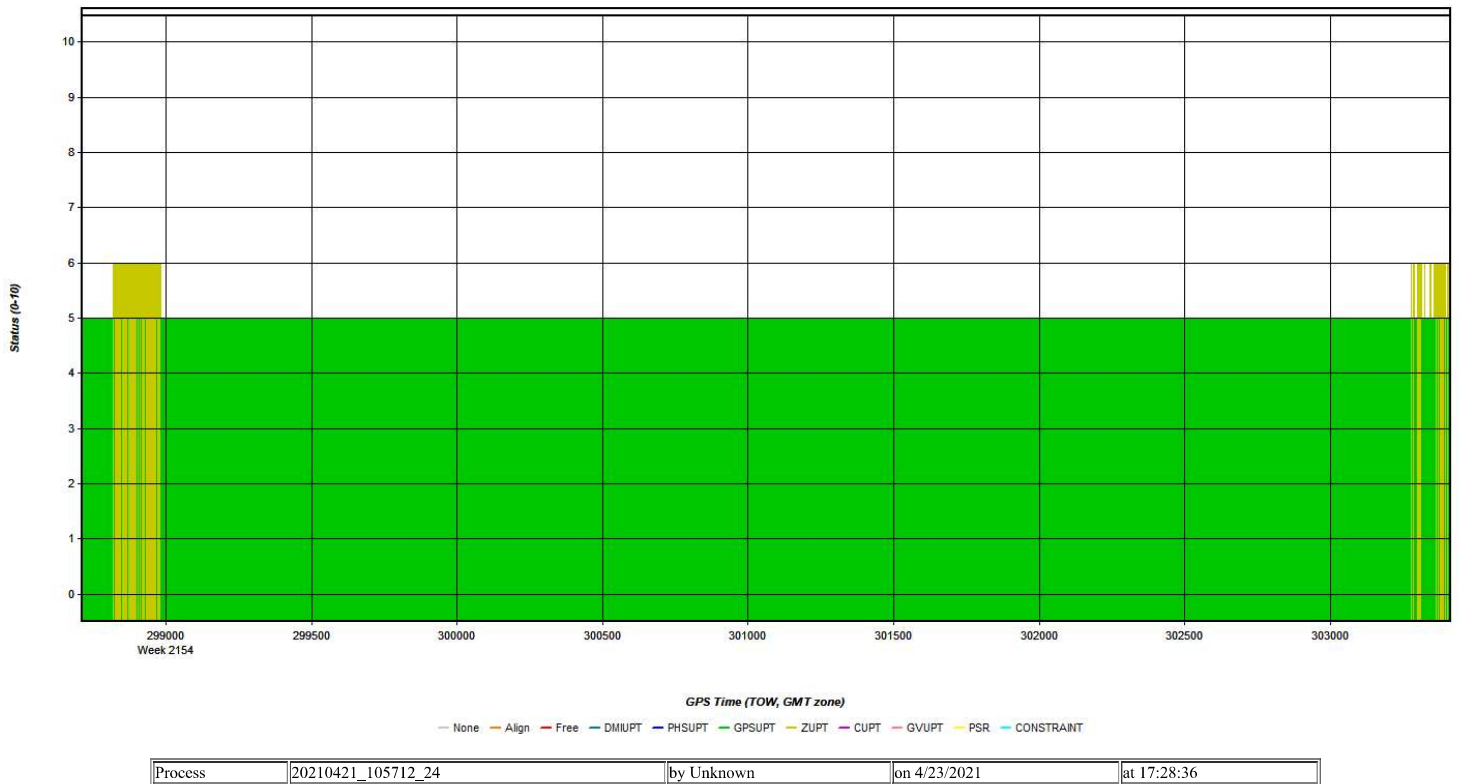
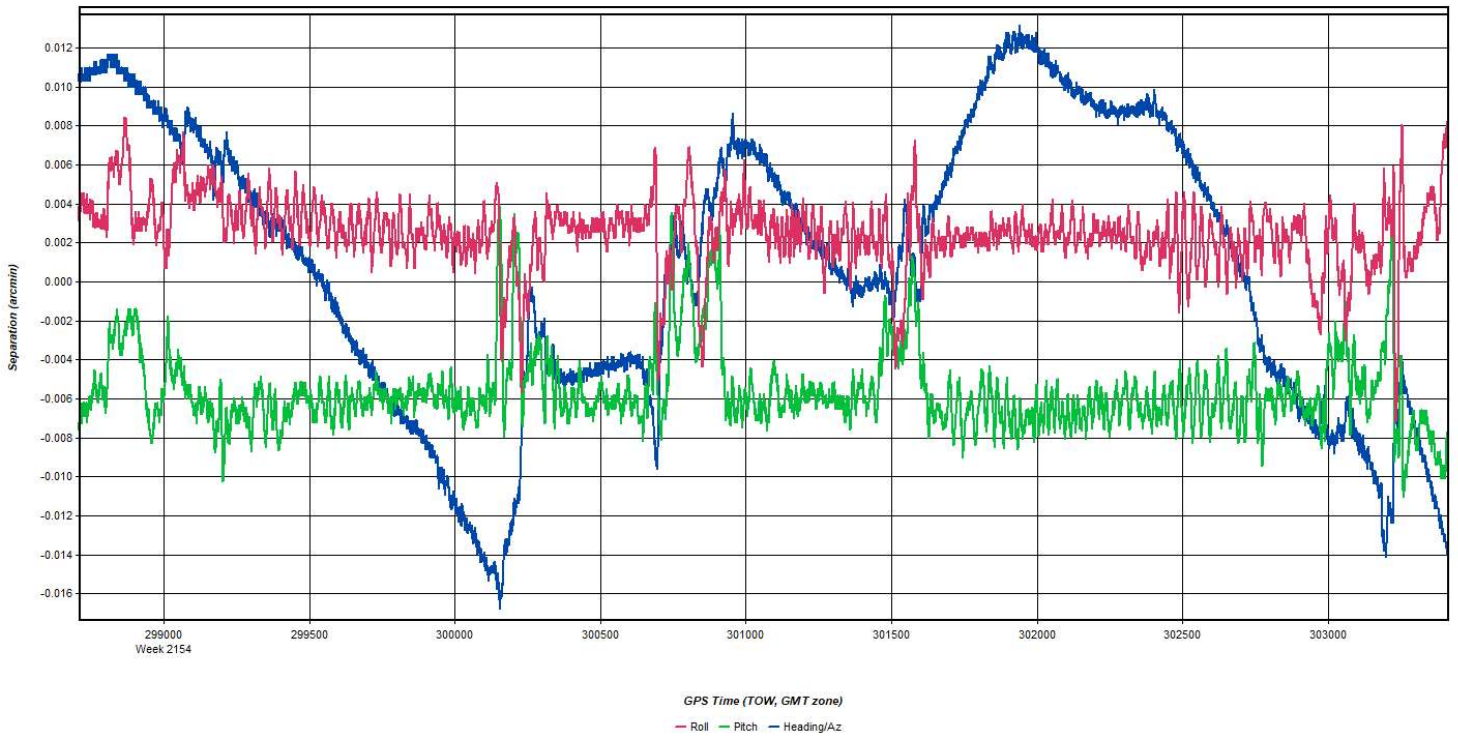
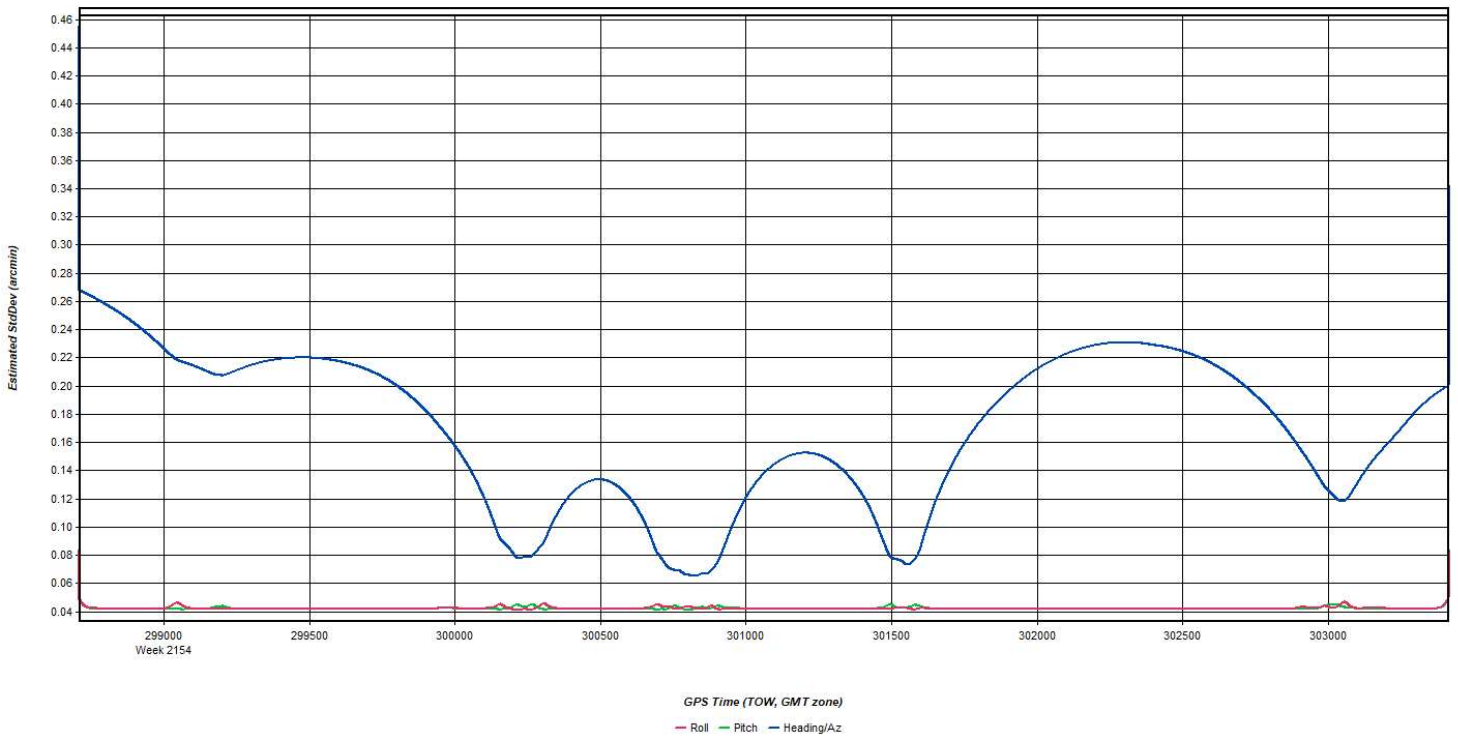


Figure 9: 20210421_105712_24 [Smoothed TC Combined] - Fwd/Rev Attitude Separation Plot



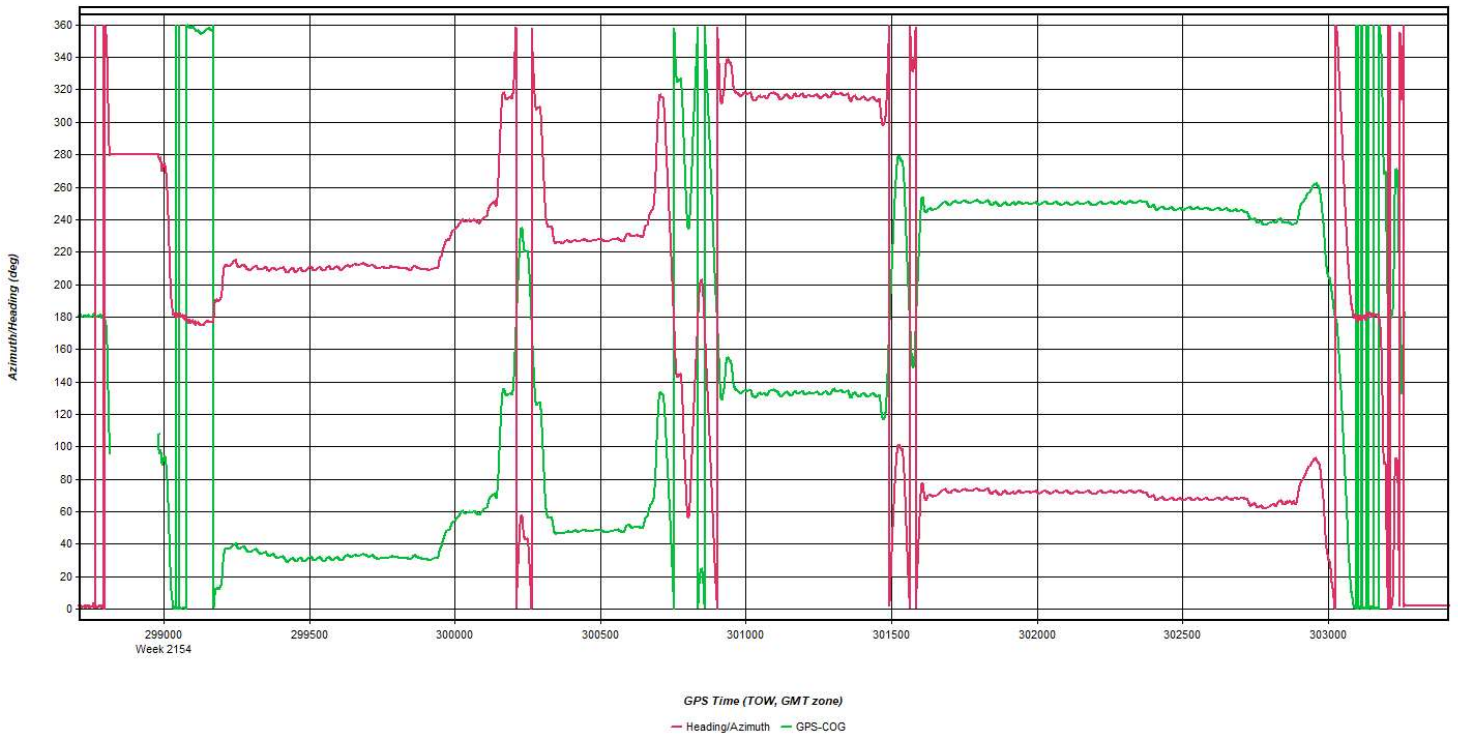
Process	20210421_105712_24	by Unknown	on 4/23/2021	at 17:28:36
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Figure 10: 20210421_105712_24 [Smoothed TC Combined] - Estimated Attitude Accuracy Plot



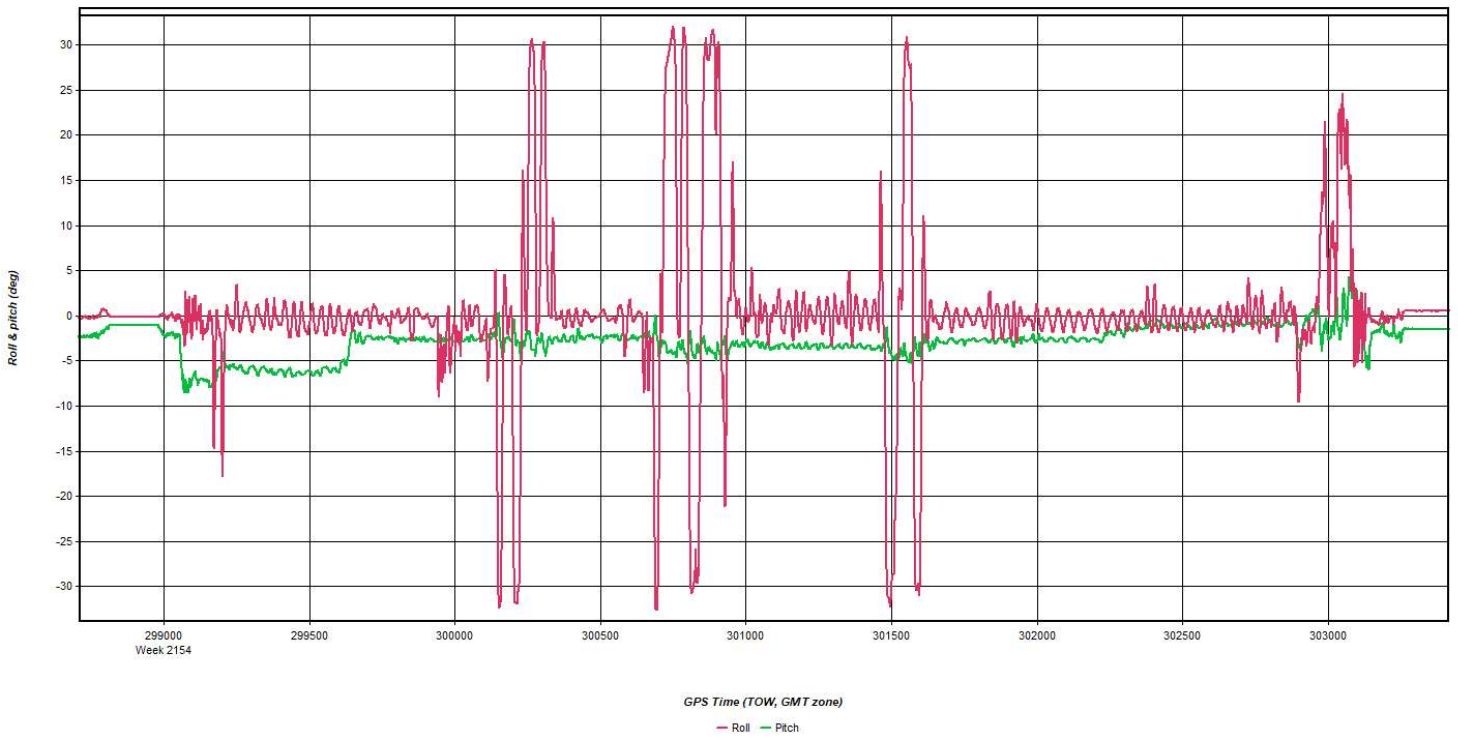
Process	20210421_105712_24	by Unknown	on 4/23/2021	at 17:28:36
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Figure 11: 20210421_105712_24 [Smoothed TC Combined] - Azimuth Plot



Process	20210421_105712_24	by Unknown	on 4/23/2021	at 17:28:36
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Figure 12: 20210421_105712_24 [Smoothed TC Combined] - Roll & Pitch Plot



Process	20210421_105712_24	by Unknown	on 4/23/2021	at 17:28:36
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Figure 13: 20210421_105712_24 [Smoothed TC Combined] - Velocity Profile Plot

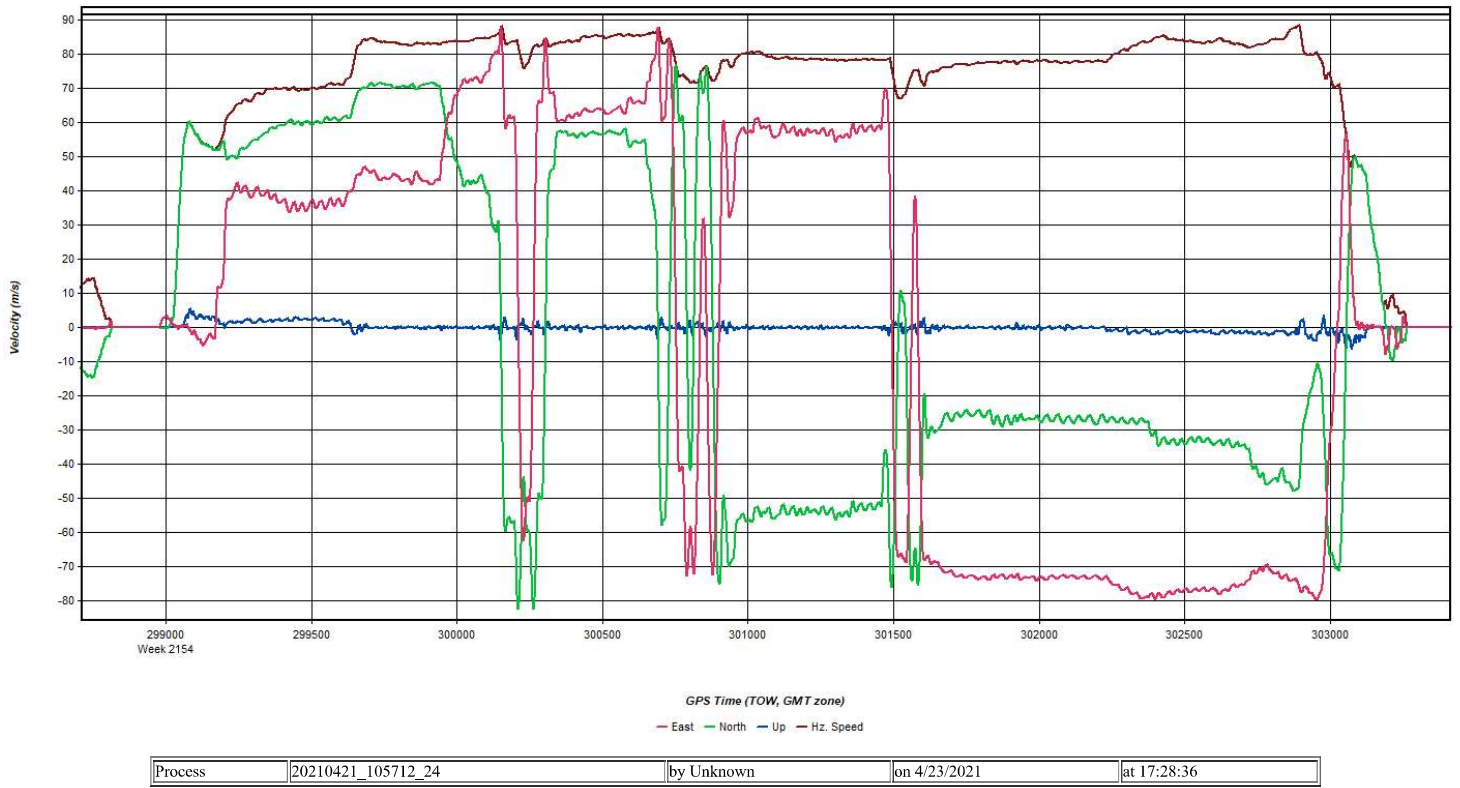


Figure 14: 20210421_105712_24 [Smoothed TC Combined] - Body Frame Velocity Plot

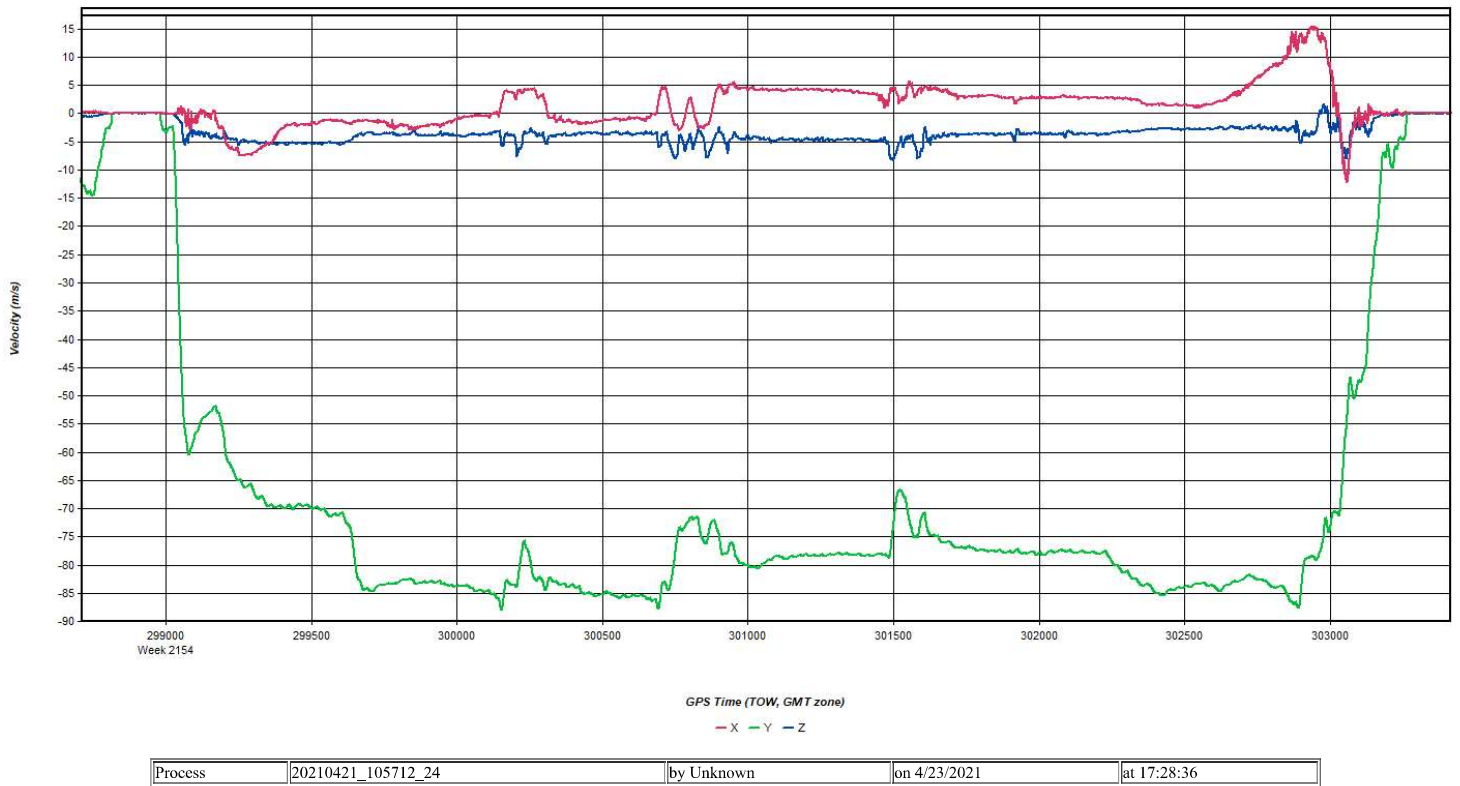
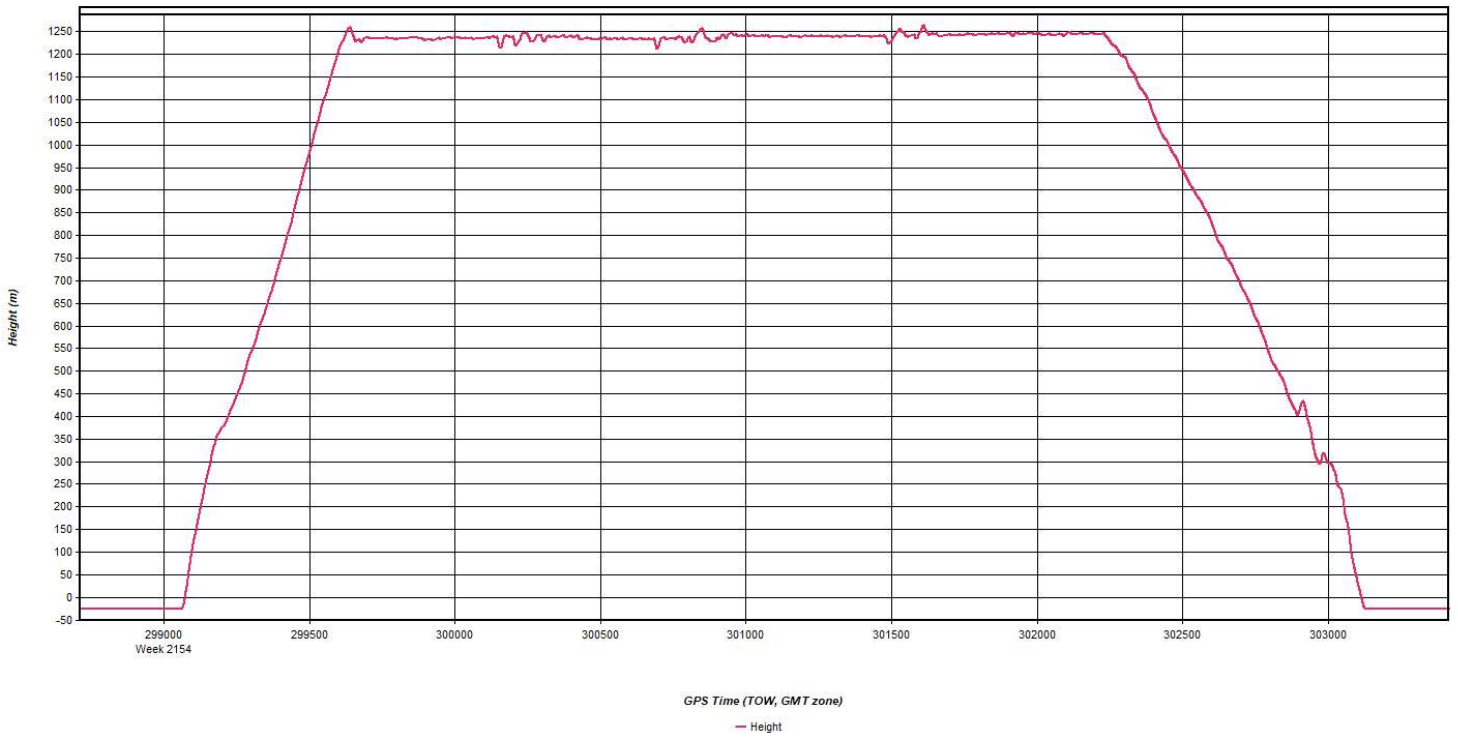
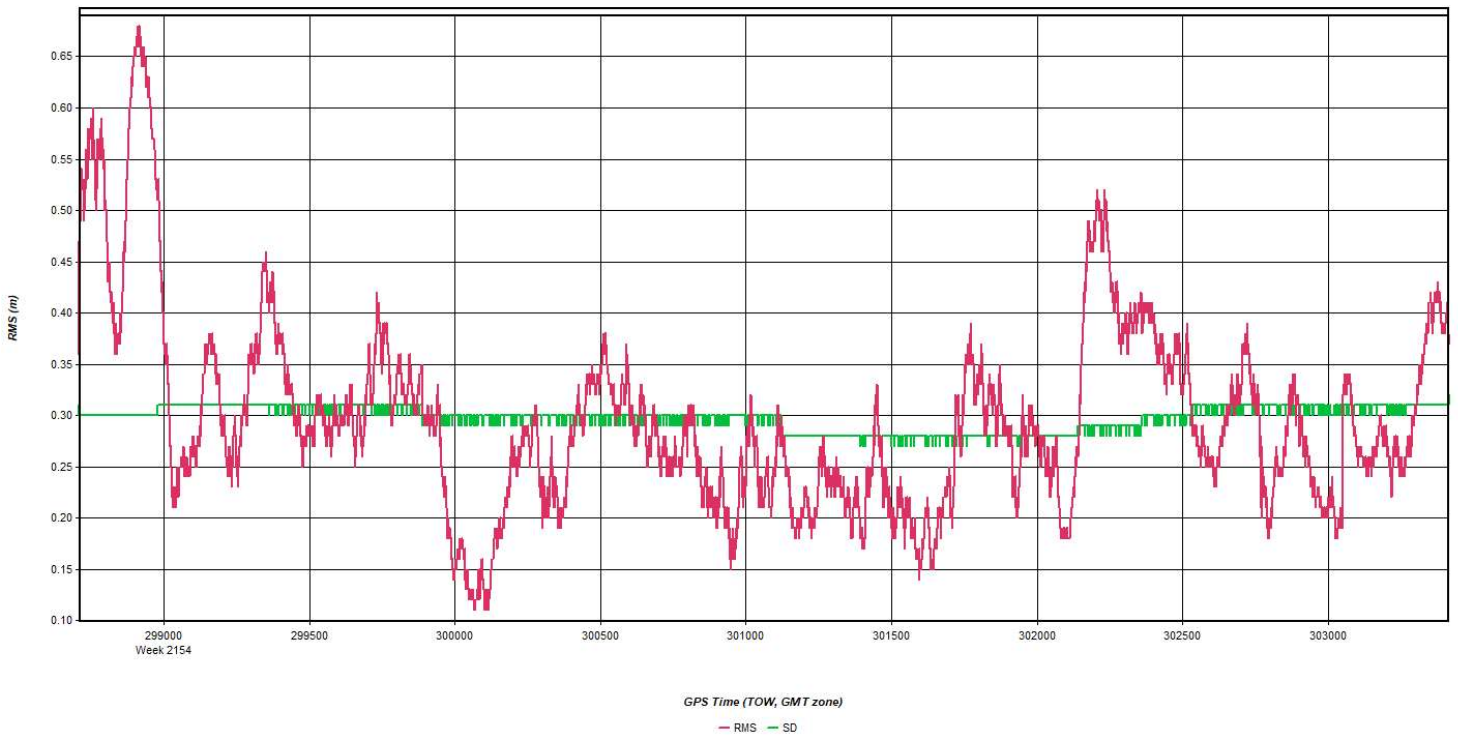


Figure 15: 20210421_105712_24 [Smoothed TC Combined] - Height Profile Plot



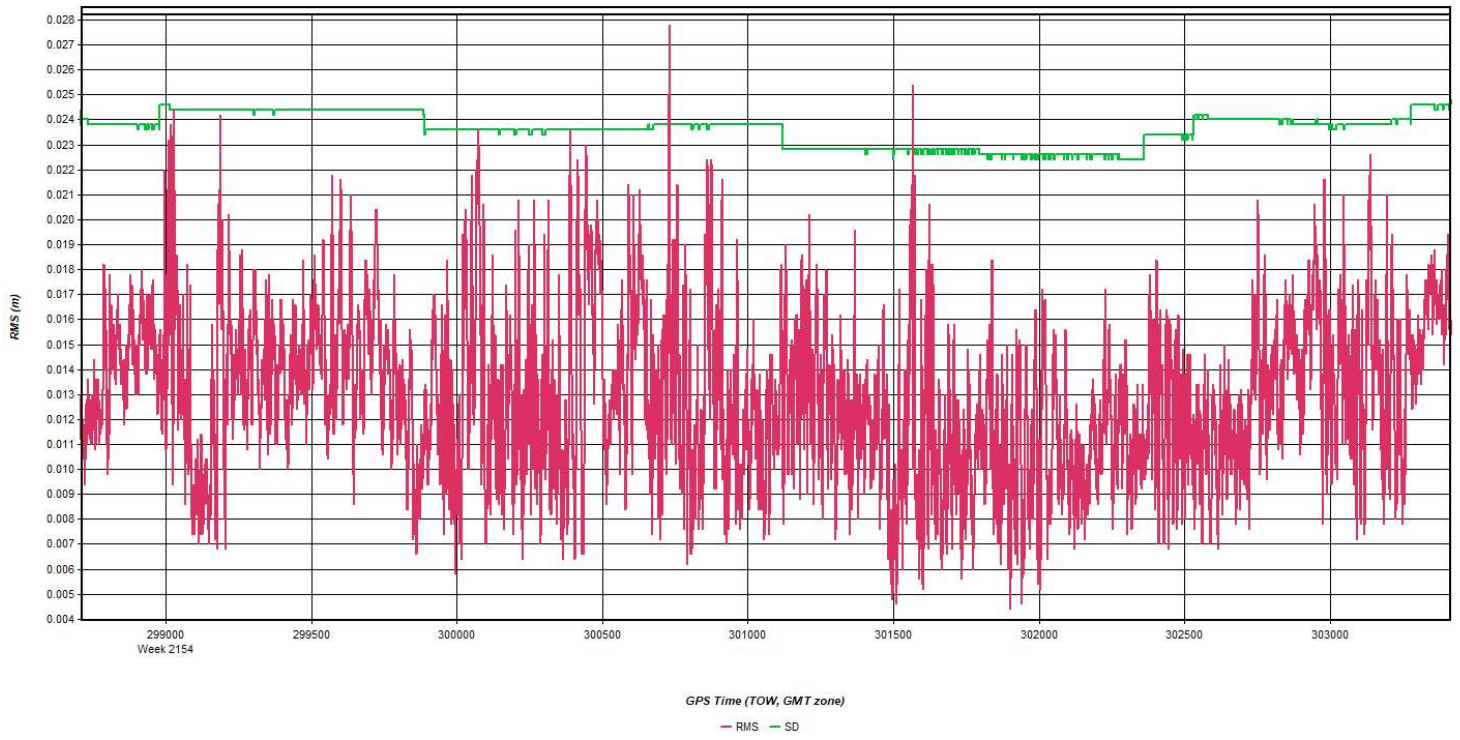
Process	20210421_105712_24	by Unknown	on 4/23/2021	at 17:28:36
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Figure 16: 20210421_105712_24 [Smoothed TC Combined] - C/A Code Residual RMS Plot



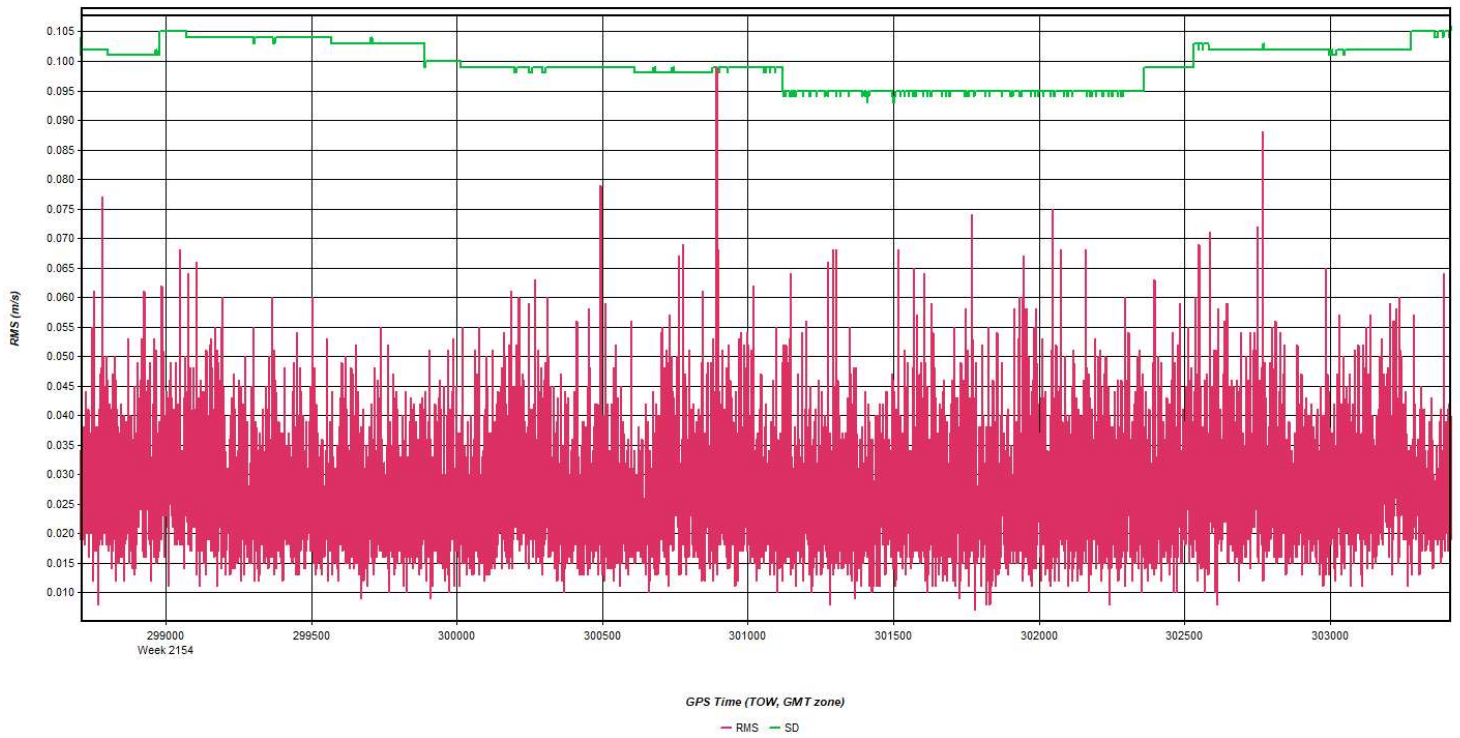
Process	20210421_105712_24	by Unknown	on 4/23/2021	at 17:28:36
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Figure 17: 20210421_105712_24 [Smoothed TC Combined] - Carrier Residual RMS Plot



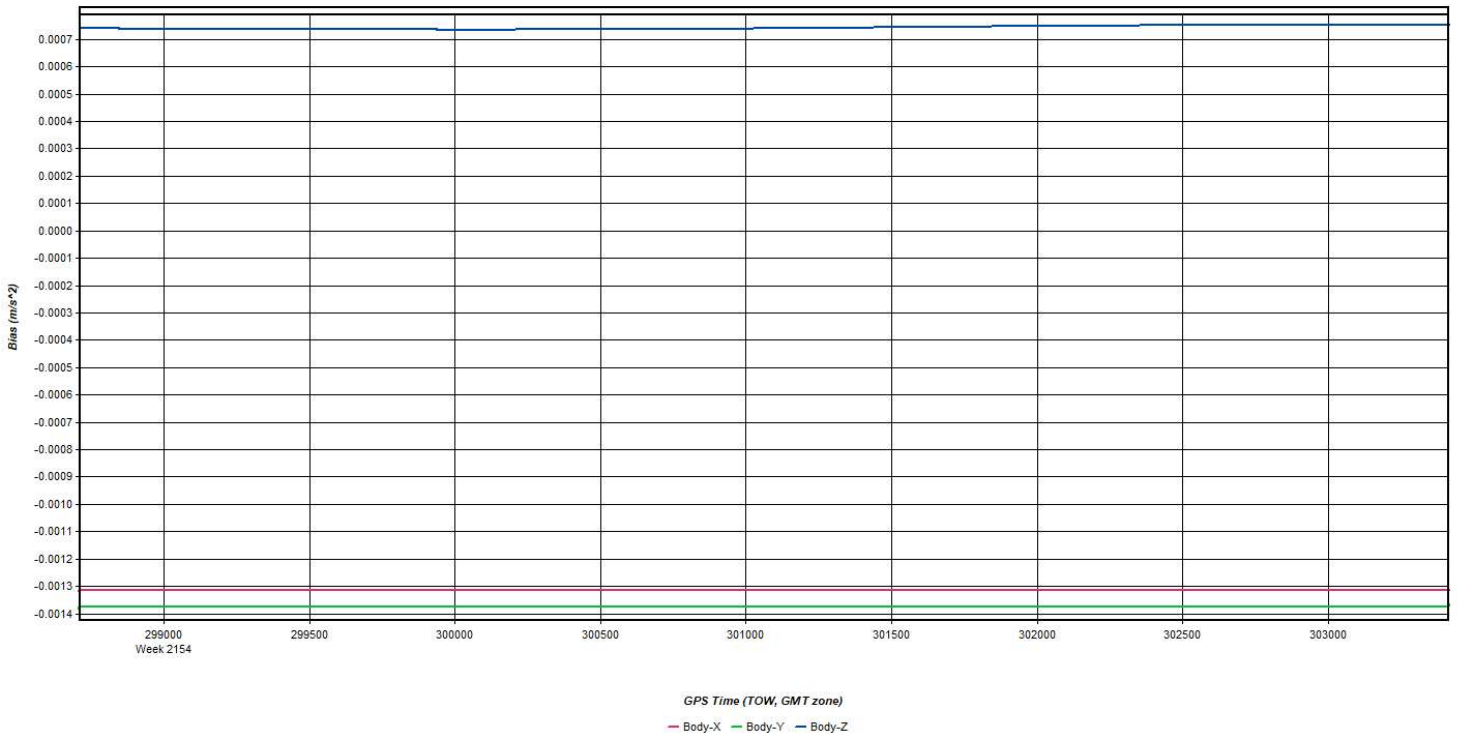
Process	20210421_105712_24	by Unknown	on 4/23/2021	at 17:28:36
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Figure 18: 20210421_105712_24 [Smoothed TC Combined] - L1 Doppler Residual RMS Plot



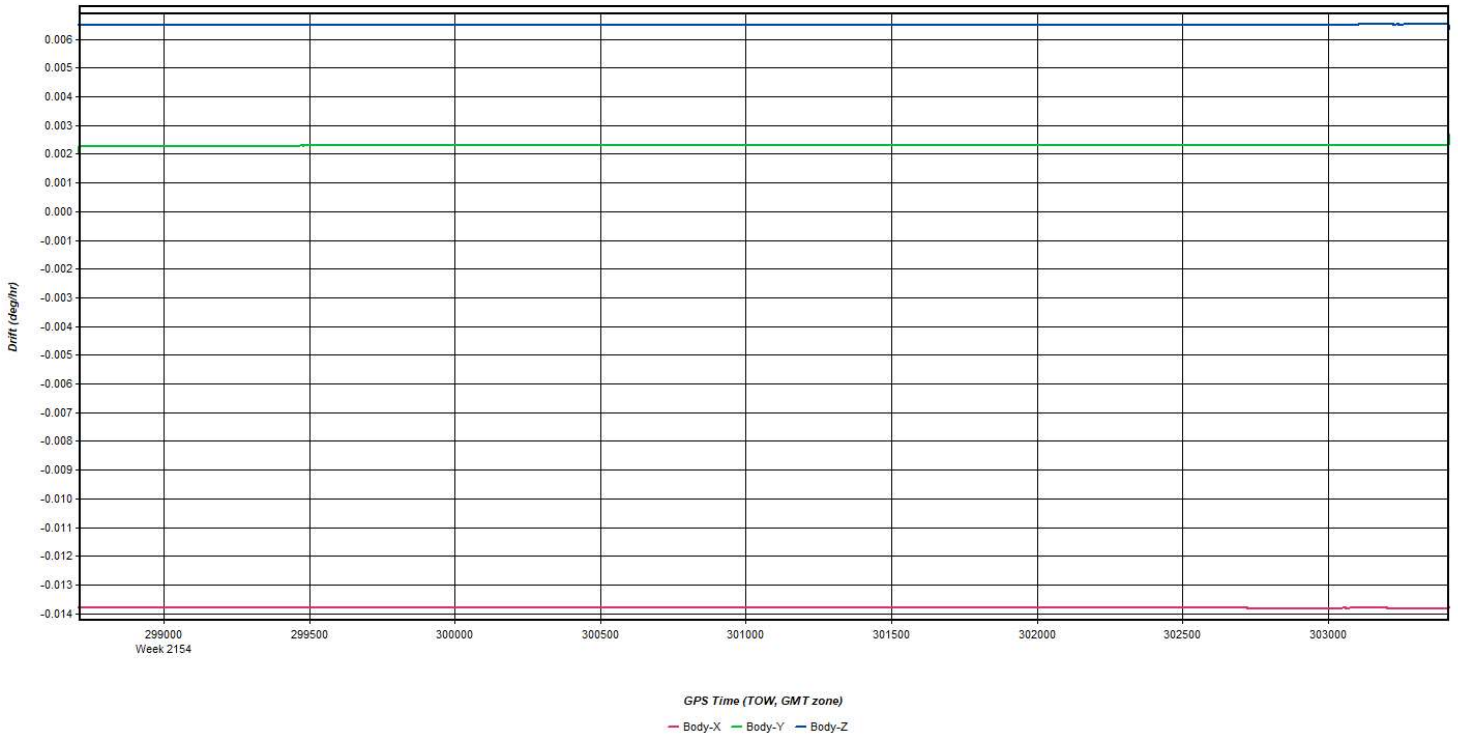
Process	20210421_105712_24	by Unknown	on 4/23/2021	at 17:28:36
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Figure 19: 20210421_105712_24 [Smoothed TC Combined] - Accelerometer Bias Plot



Process	20210421_105712_24	by Unknown	on 4/23/2021	at 17:28:36
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Figure 20: 20210421_105712_24 [Smoothed TC Combined] - Gyro Drift Plot

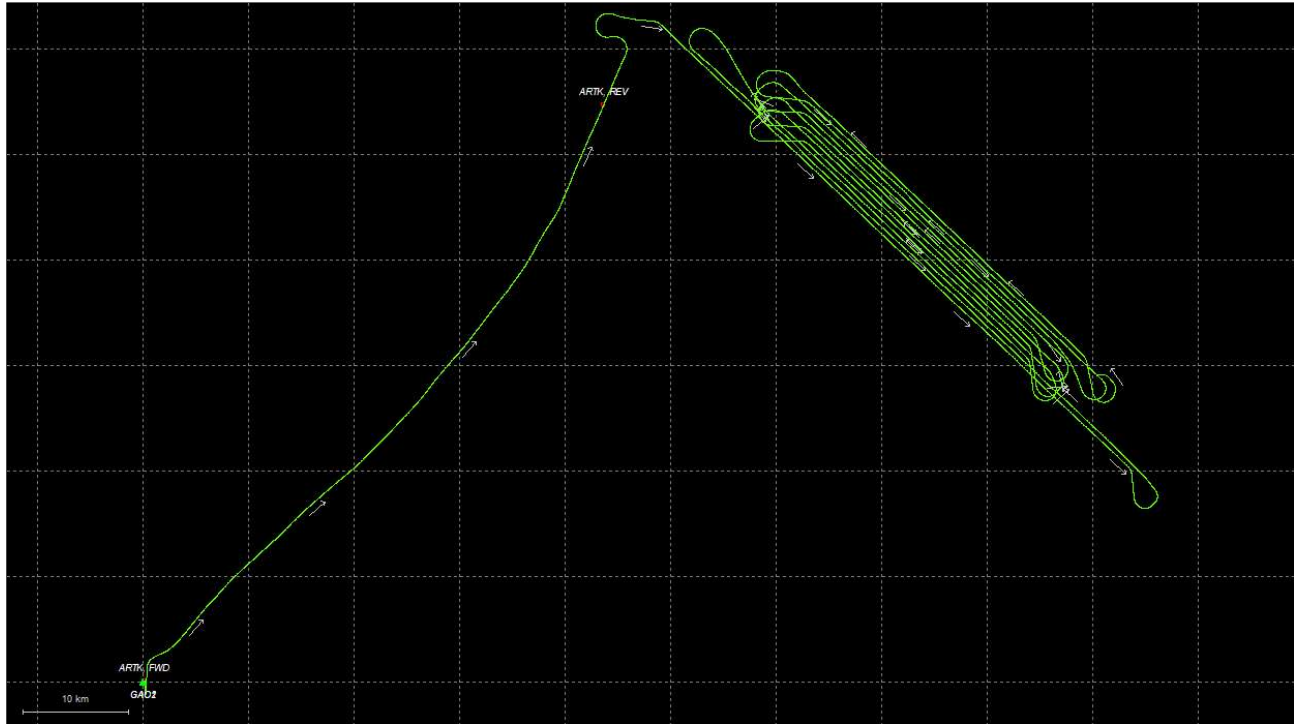


Process	20210421_105712_24	by Unknown	on 4/23/2021	at 17:28:36
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Output Results for 20210422_112157_25a

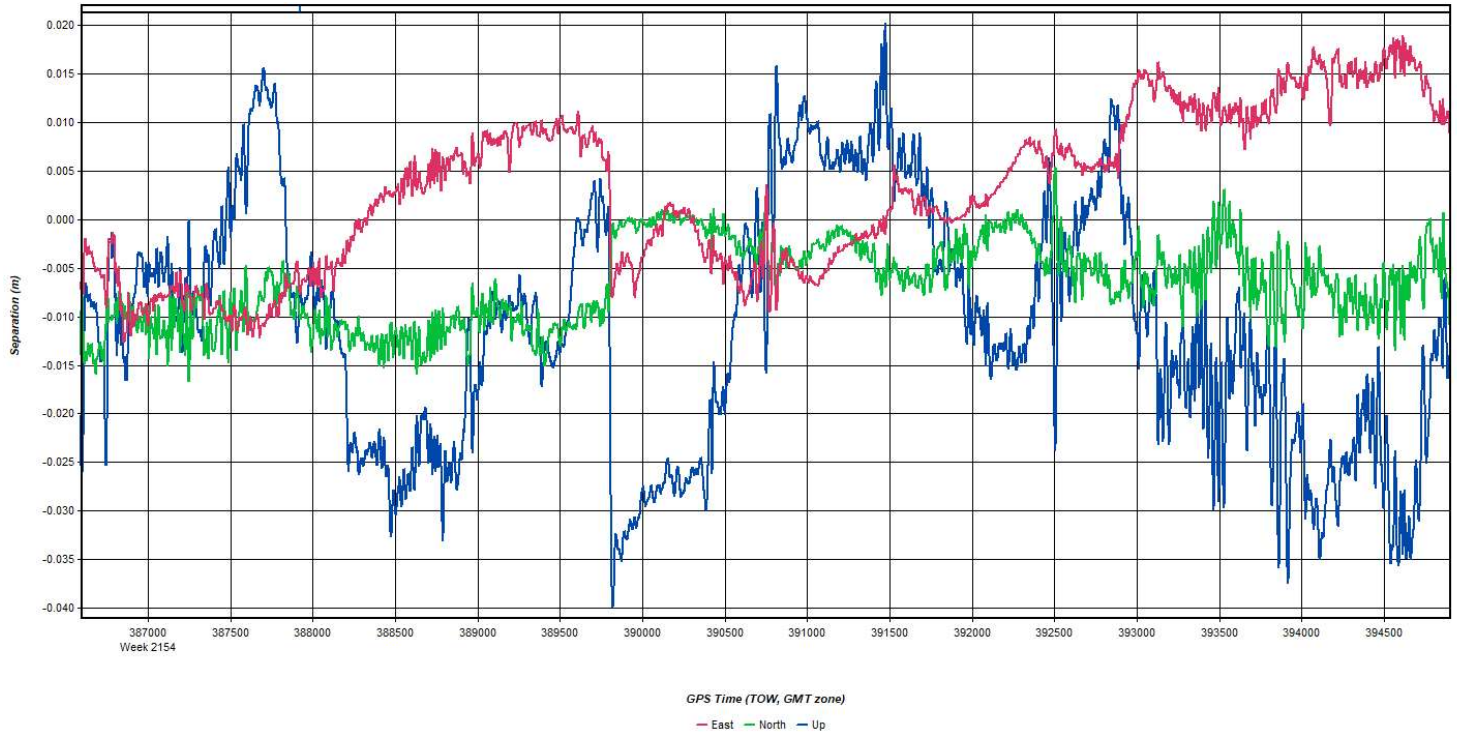
Inertial Explorer Version 8.90.2124
04/23/2021

Figure 1: Smoothed TC Combined - Map



Process	20210422_112157_25a	by Unknown	on 4/23/2021	at 16:49:33
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Figure 2: 20210422_112157_25a [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot



Process	20210422_112157_25a	by Unknown	on 4/23/2021	at 16:49:33
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Figure 3: 20210422_112157_25a [Smoothed TC Combined] - Float or Fixed Ambiguity

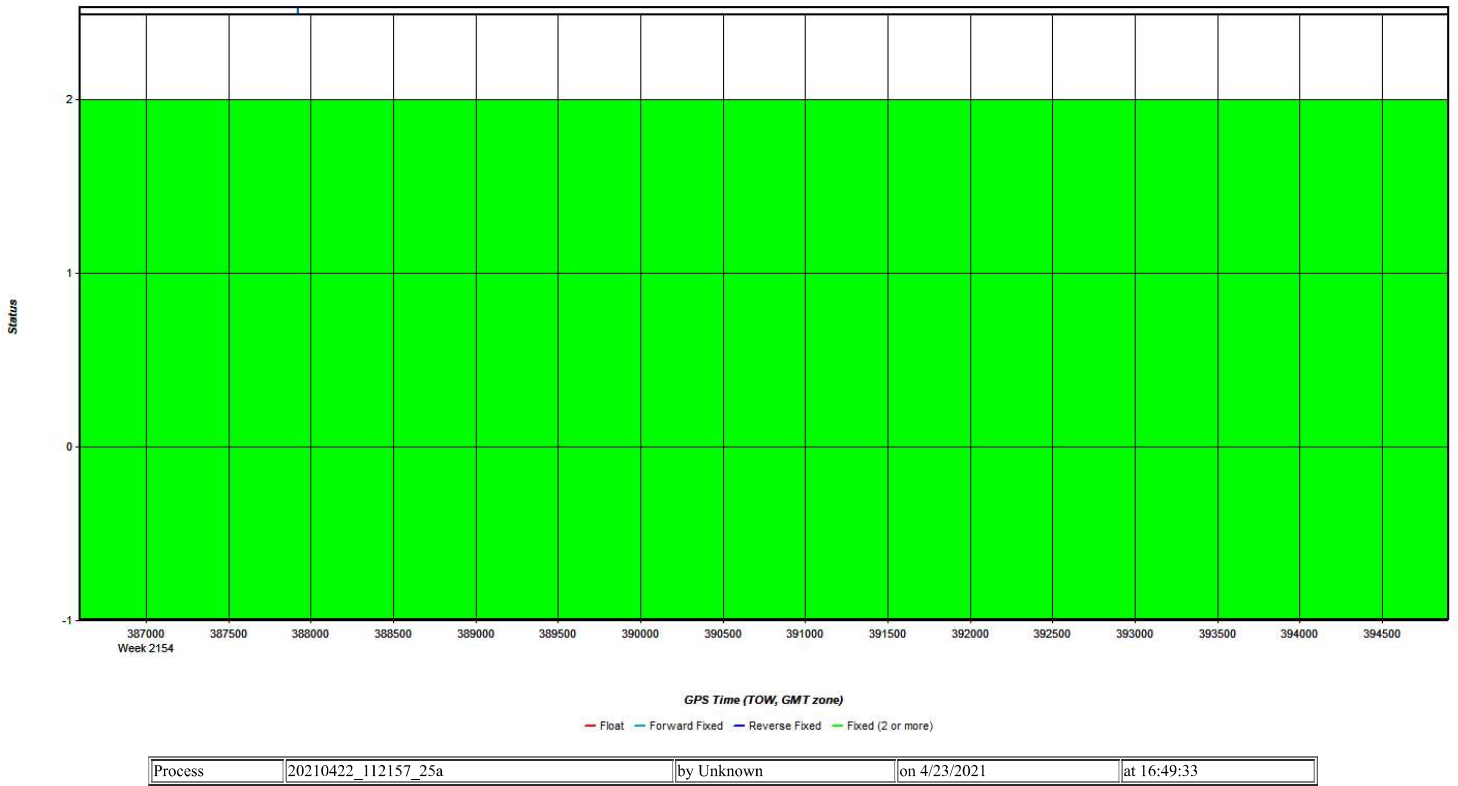
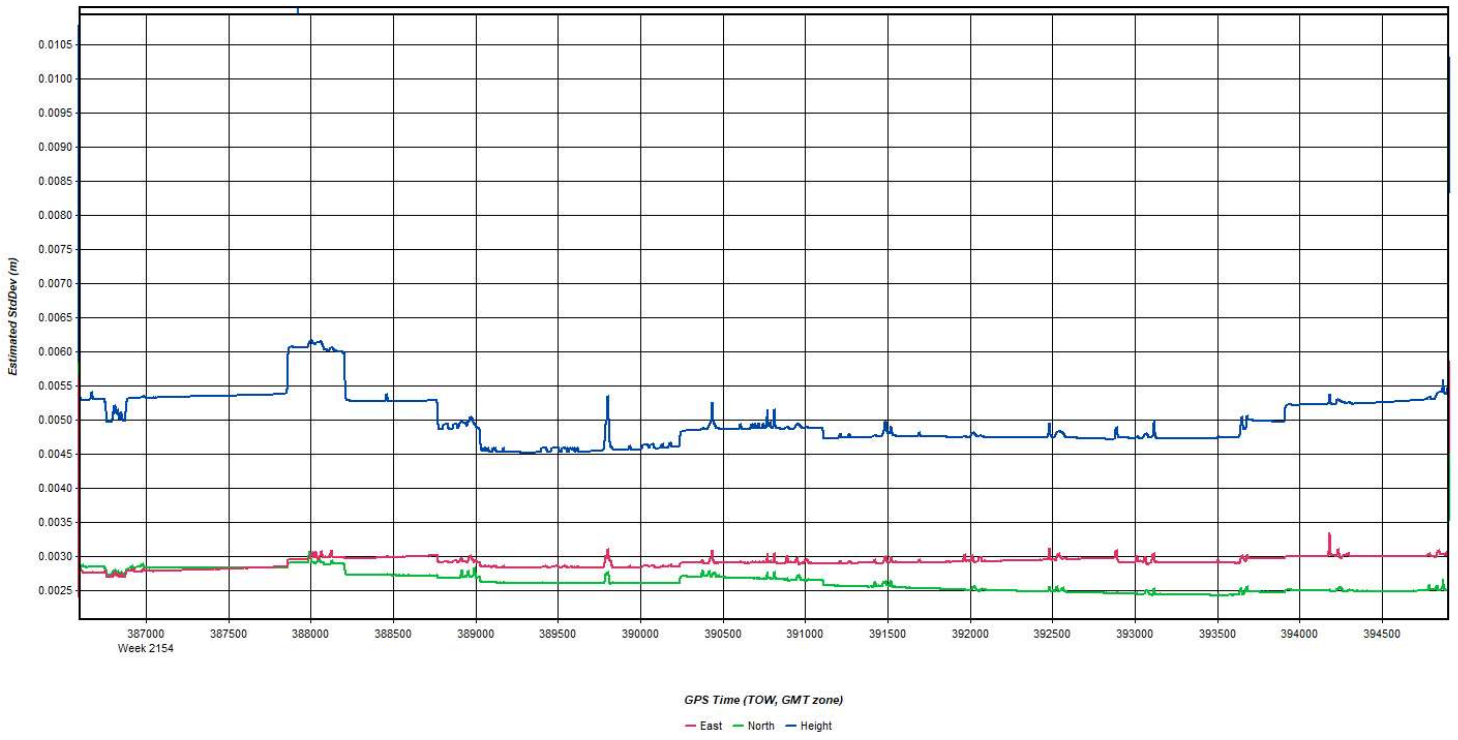


Figure 4: 20210422_112157_25a [Smoothed TC Combined] - Forward/Reverse Separation Plot (Fixed)

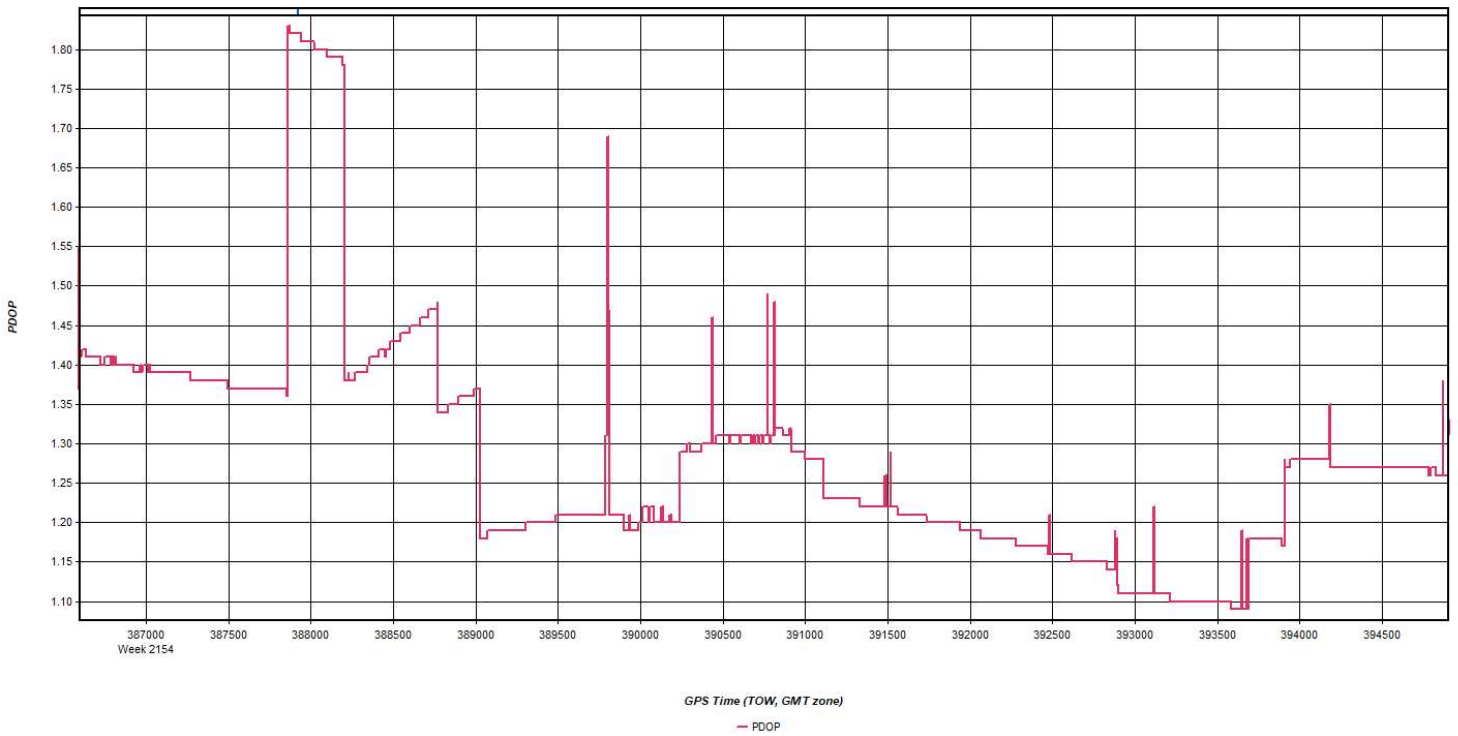


Figure 5: 20210422_112157_25a [Smoothed TC Combined] - Estimated Position Accuracy Plot



Process	20210422_112157_25a	by Unknown	on 4/23/2021	at 16:49:33
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Figure 6: 20210422_112157_25a [Smoothed TC Combined] - PDOP Plot



Process	20210422_112157_25a	by Unknown	on 4/23/2021	at 16:49:33
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Figure 7: 20210422_112157_25a [Smoothed TC Combined] - Number of Satellites Line Plot

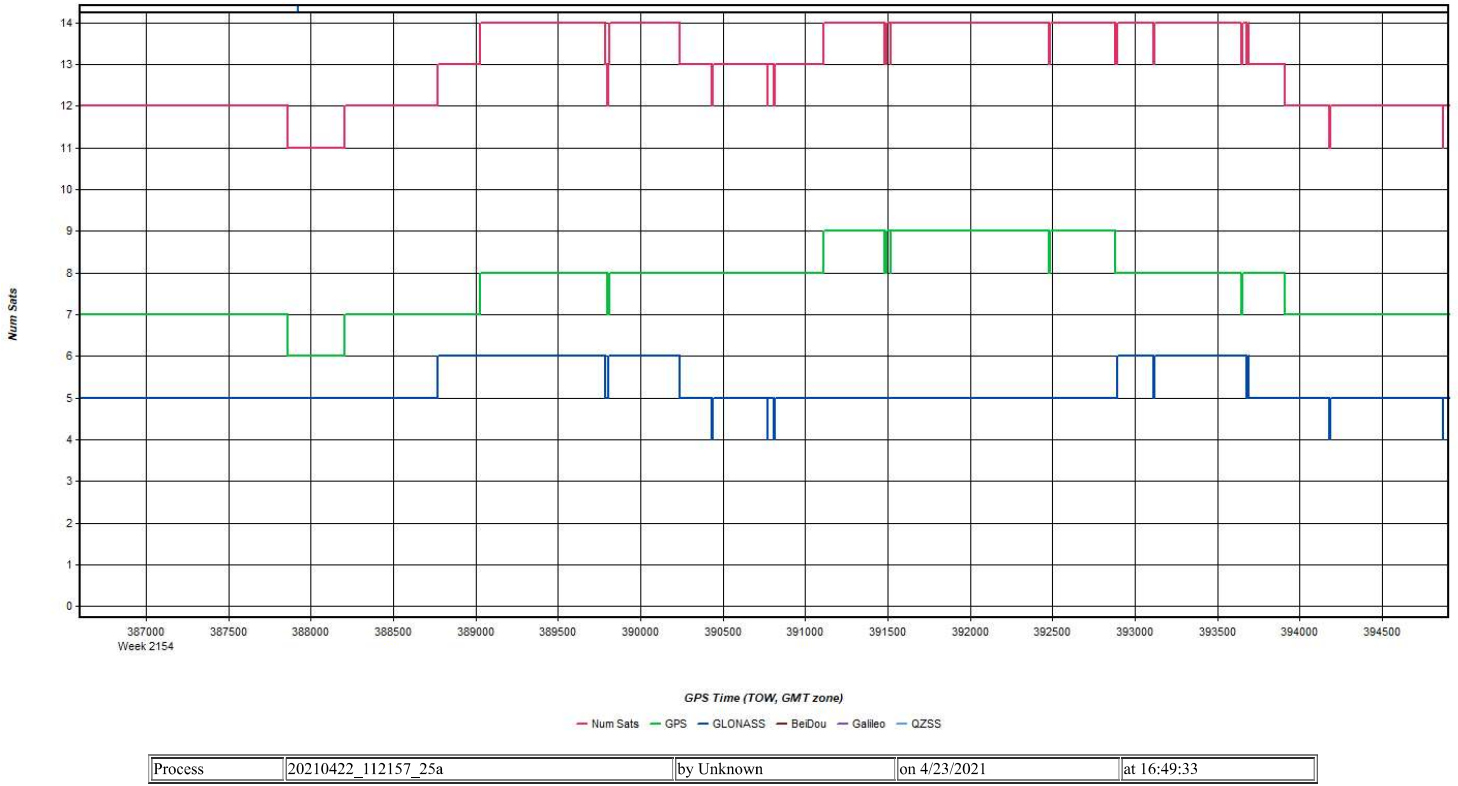


Figure 8: 20210422_112157_25a [Smoothed TC Combined] - Status flag for IMU processing

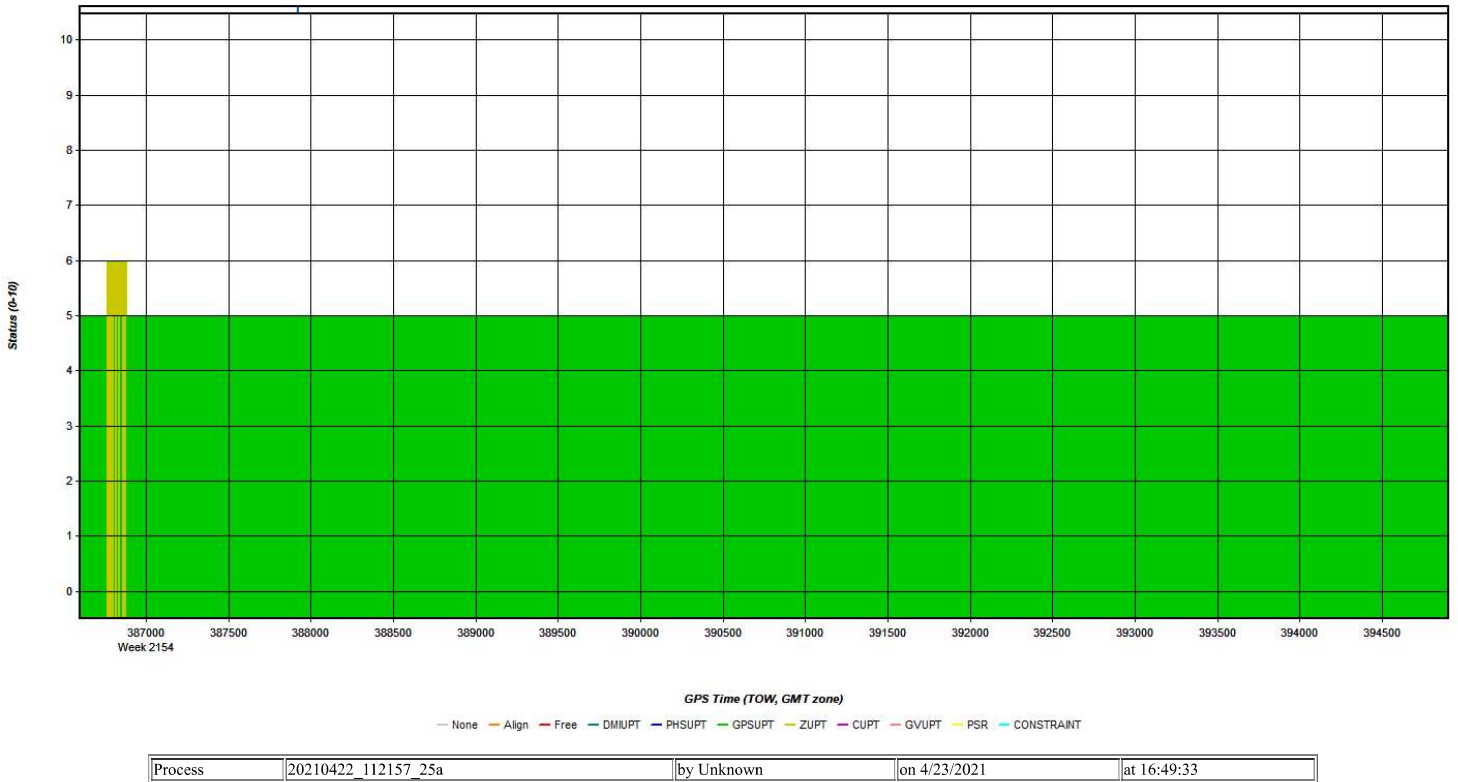


Figure 9: 20210422_112157_25a [Smoothed TC Combined] - Fwd/Rev Attitude Separation Plot

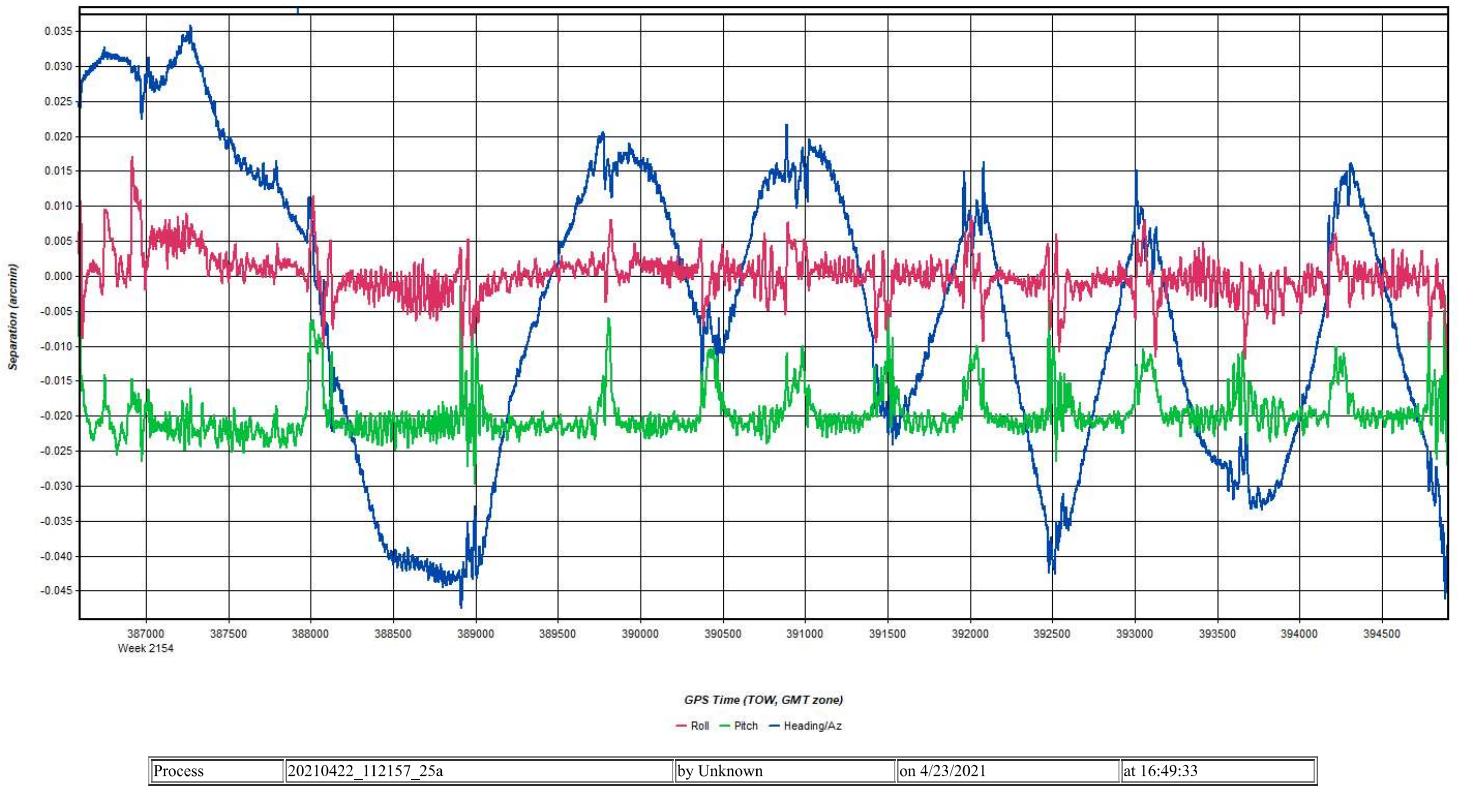


Figure 10: 20210422_112157_25a [Smoothed TC Combined] - Estimated Attitude Accuracy Plot

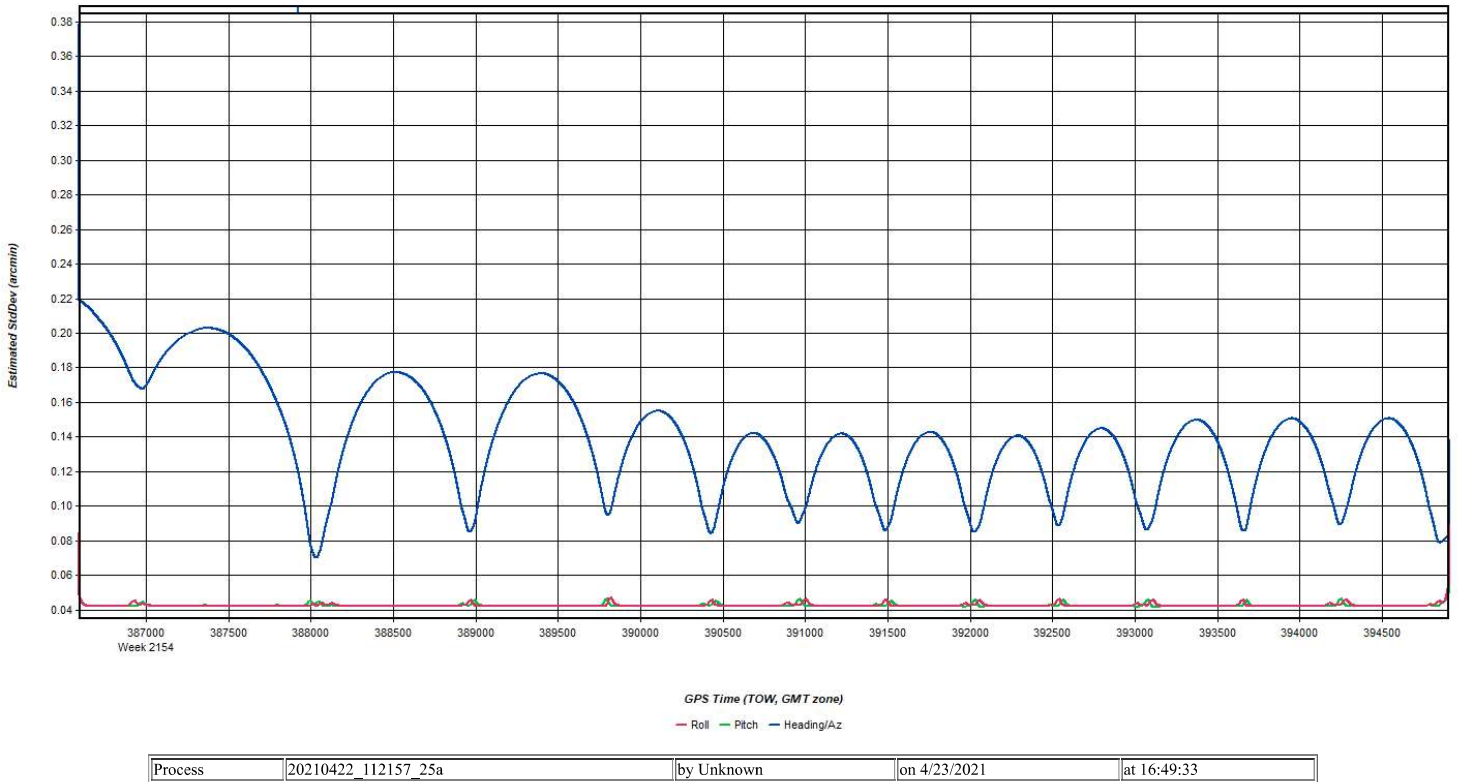
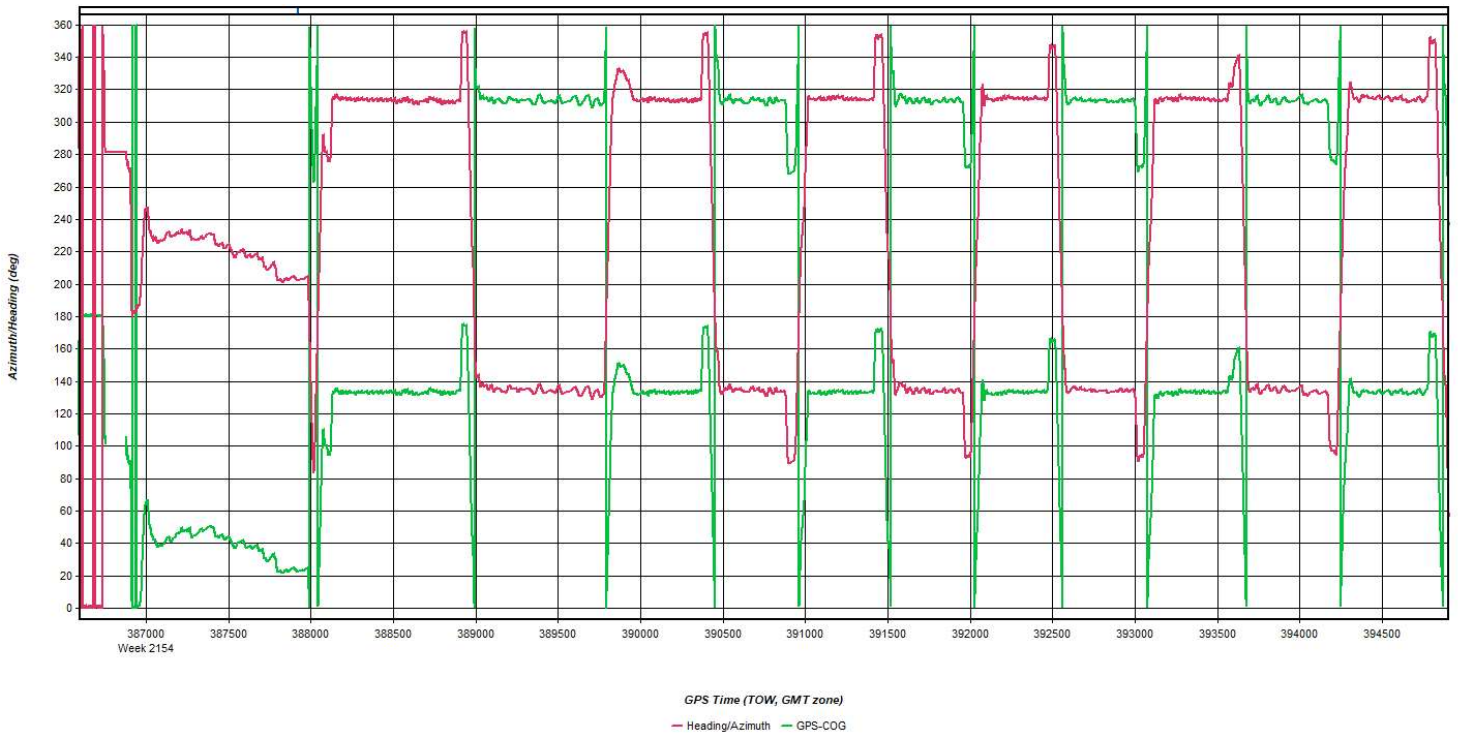
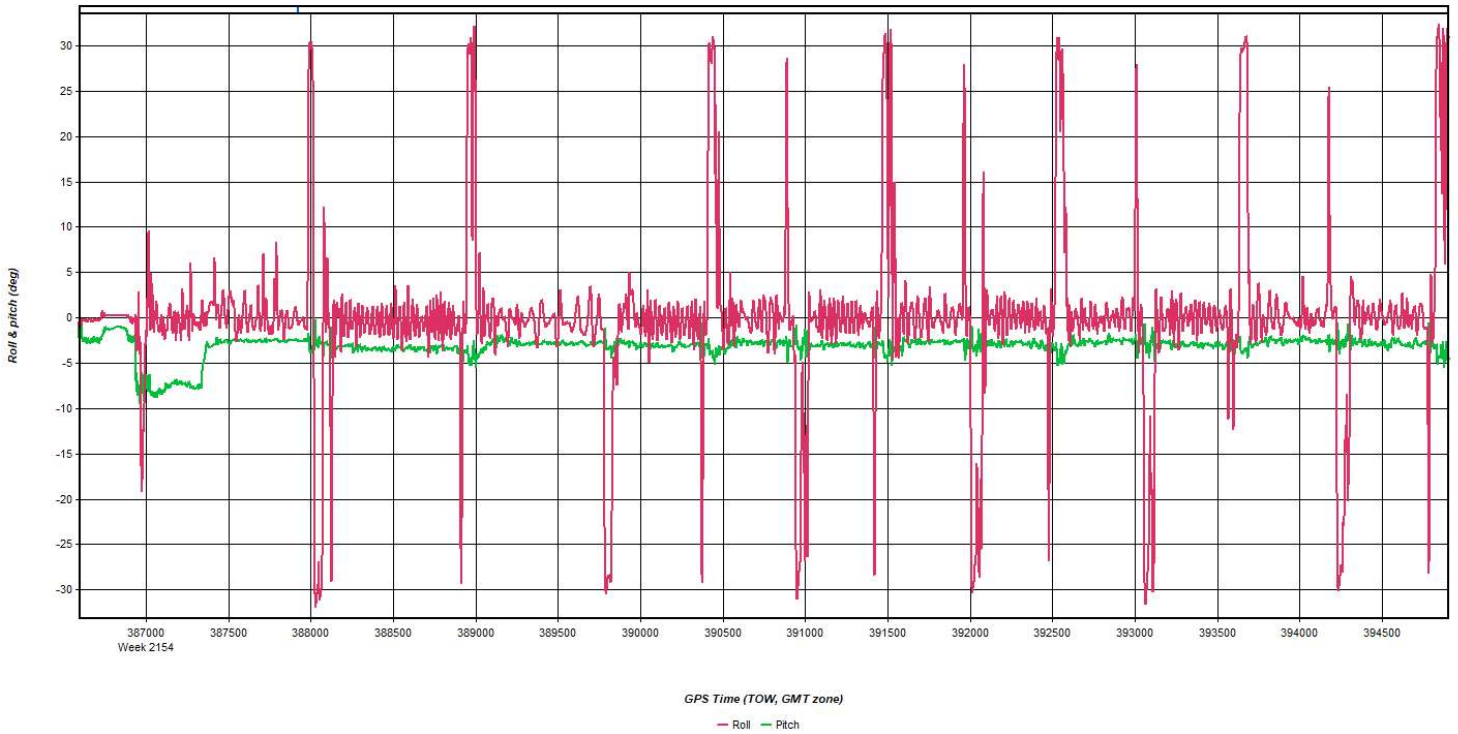


Figure 11: 20210422_112157_25a [Smoothed TC Combined] - Azimuth Plot



Process	20210422_112157_25a	by Unknown	on 4/23/2021	at 16:49:33
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Figure 12: 20210422_112157_25a [Smoothed TC Combined] - Roll & Pitch Plot



Process	20210422_112157_25a	by Unknown	on 4/23/2021	at 16:49:33
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Figure 13: 20210422_112157_25a [Smoothed TC Combined] - Velocity Profile Plot

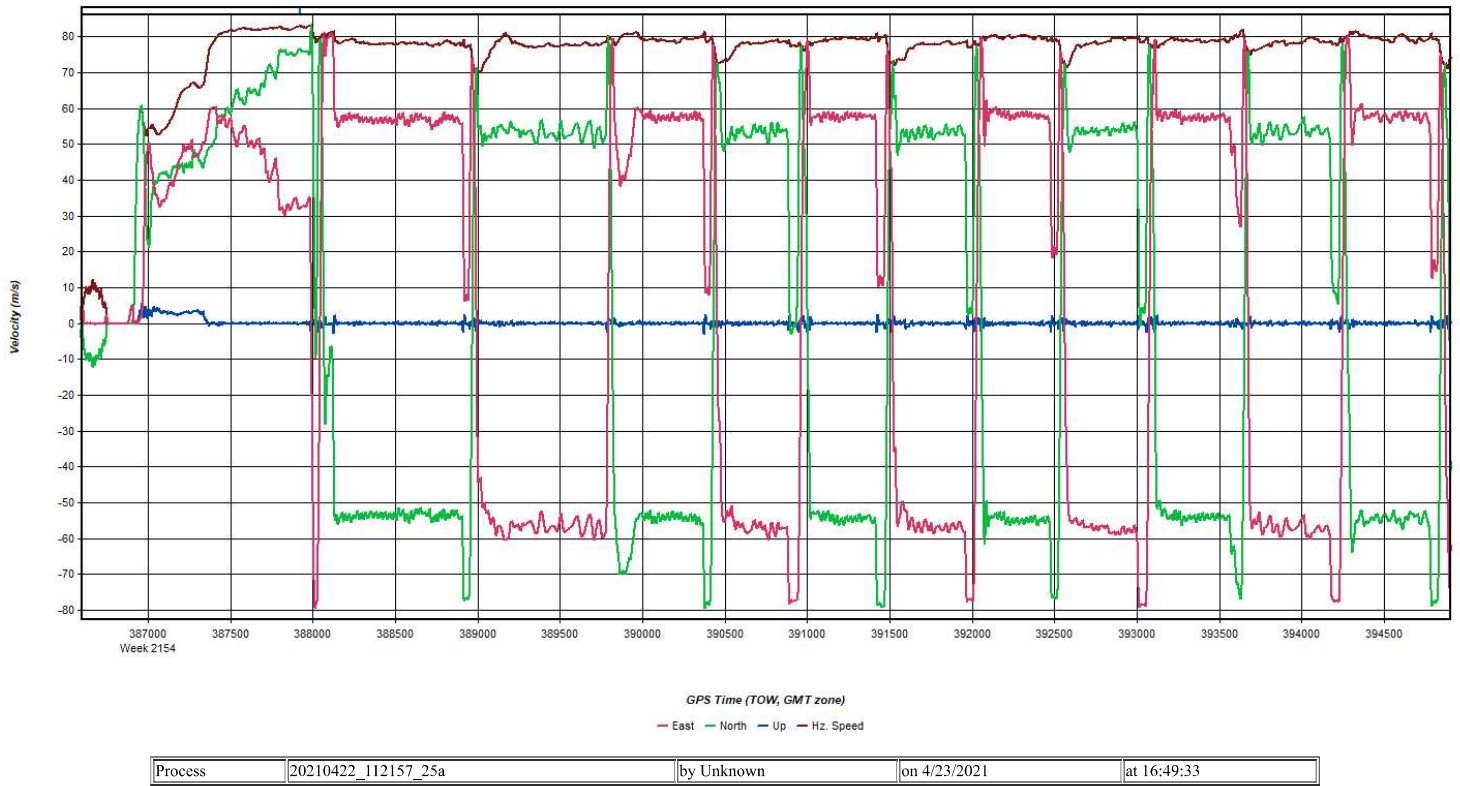
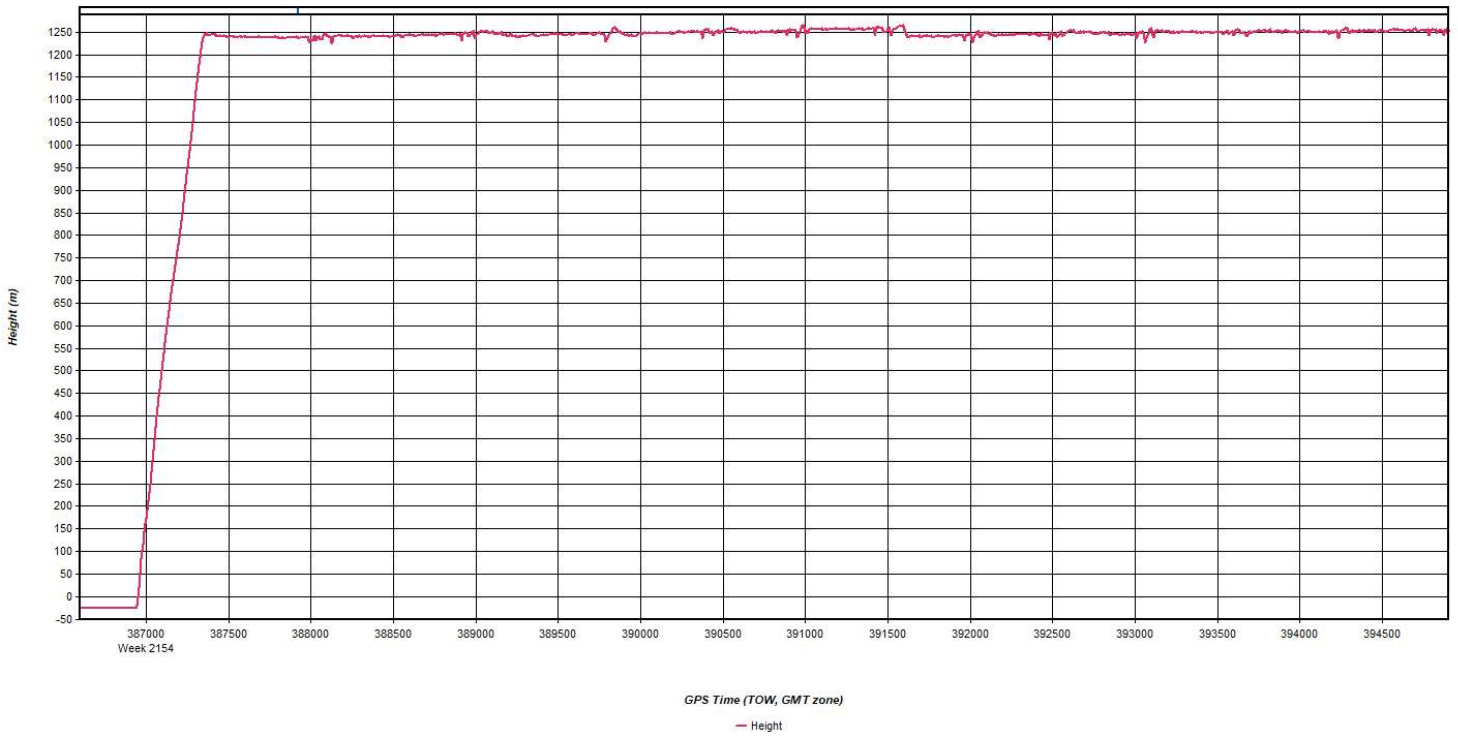


Figure 14: 20210422_112157_25a [Smoothed TC Combined] - Body Frame Velocity Plot

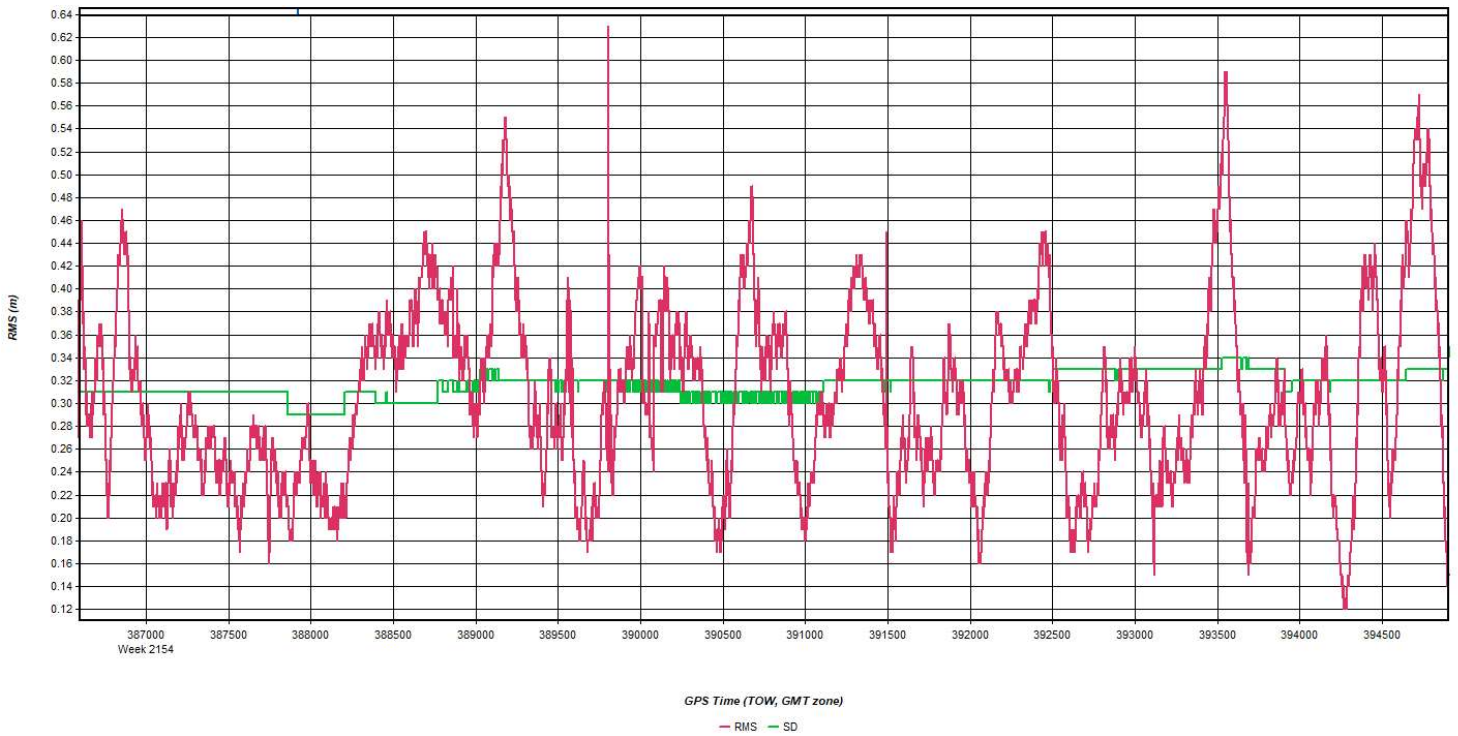


Figure 15: 20210422_112157_25a [Smoothed TC Combined] - Height Profile Plot



Process	20210422_112157_25a	by Unknown	on 4/23/2021	at 16:49:33
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Figure 16: 20210422_112157_25a [Smoothed TC Combined] - C/A Code Residual RMS Plot



Process	20210422_112157_25a	by Unknown	on 4/23/2021	at 16:49:33
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Figure 17: 20210422_112157_25a [Smoothed TC Combined] - Carrier Residual RMS Plot

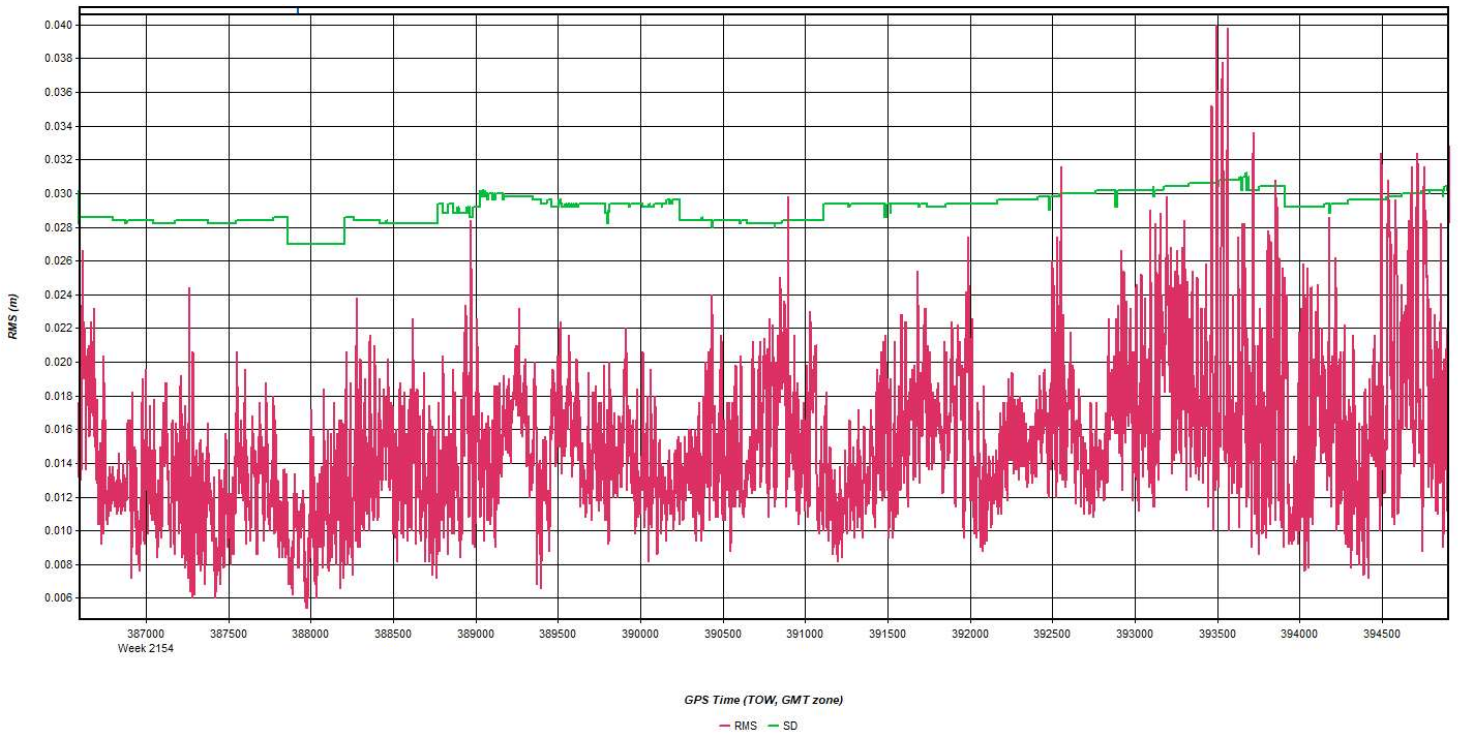
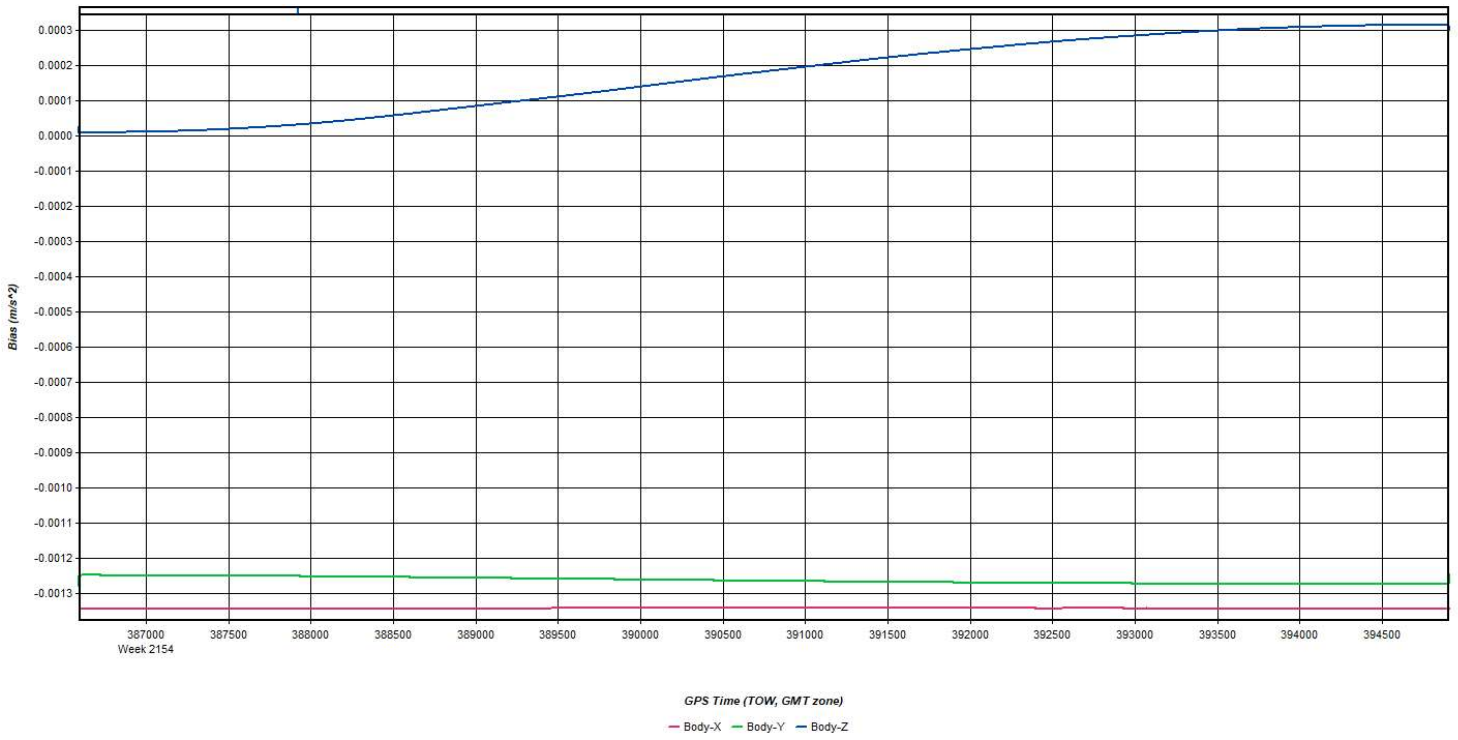


Figure 18: 20210422_112157_25a [Smoothed TC Combined] - L1 Doppler Residual RMS Plot

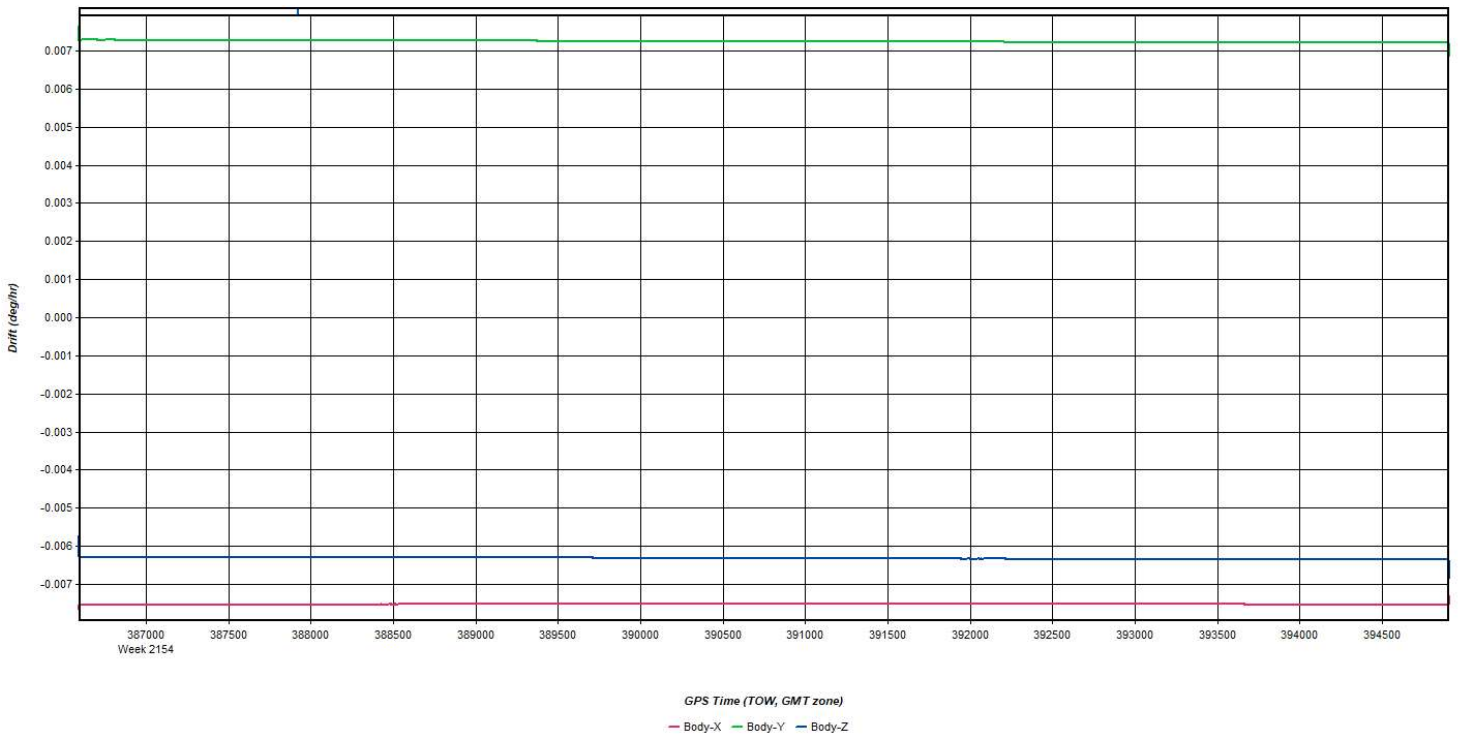


Figure 19: 20210422_112157_25a [Smoothed TC Combined] - Accelerometer Bias Plot



Process	20210422_112157_25a	by Unknown	on 4/23/2021	at 16:49:33
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Figure 20: 20210422_112157_25a [Smoothed TC Combined] - Gyro Drift Plot

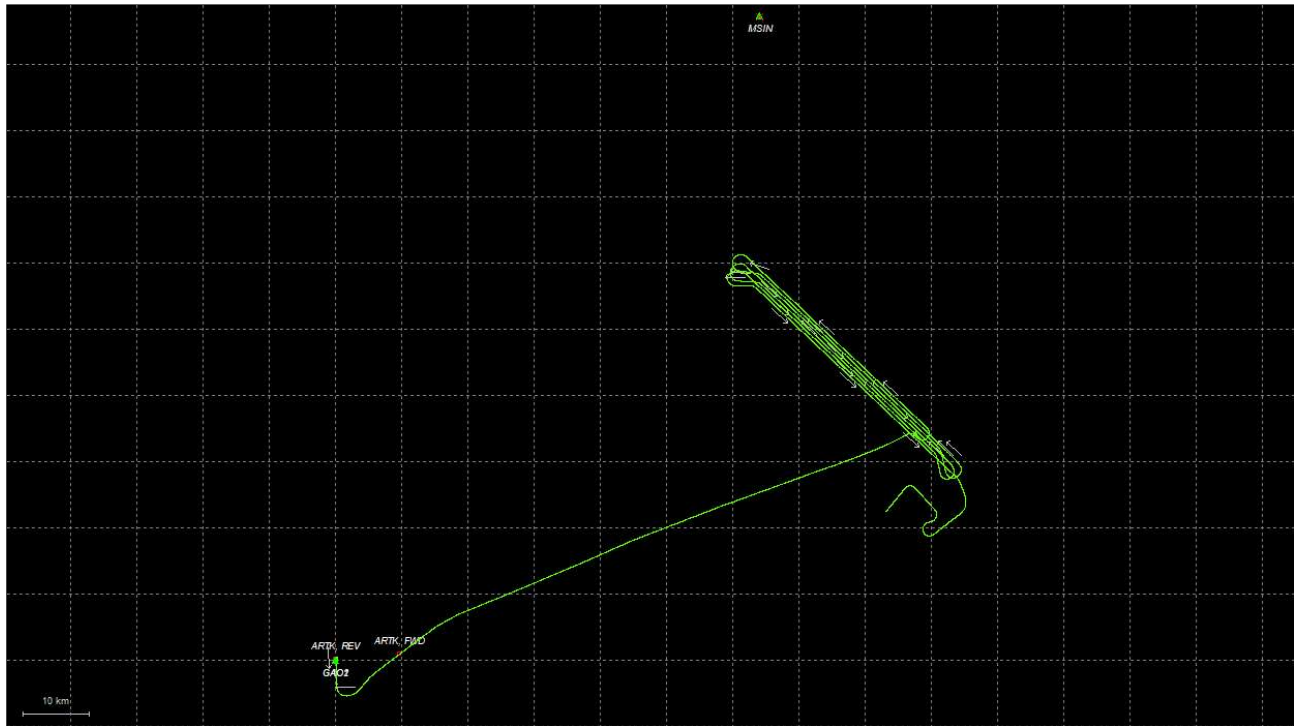


Process	20210422_112157_25a	by Unknown	on 4/23/2021	at 16:49:33
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Output Results for 20210422_135128_25b

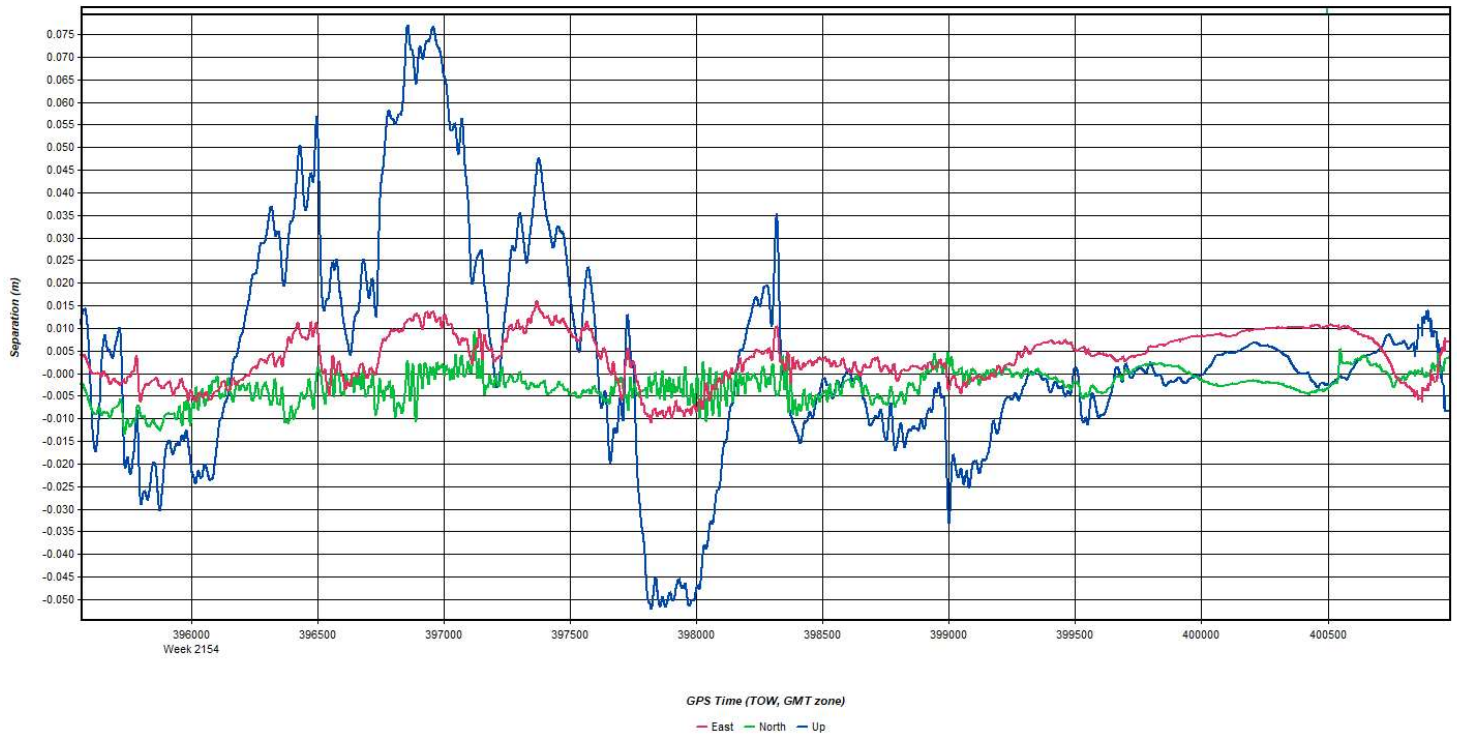
Inertial Explorer Version 8.90.2124
04/23/2021

Figure 1: Smoothed TC Combined - Map



Process	20210422_135128_25b	by Unknown	on 4/23/2021	at 16:15:15
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Figure 2: 20210422_135128_25b [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot



Process	20210422_135128_25b	by Unknown	on 4/23/2021	at 16:15:15
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Figure 3: 20210422_135128_25b [Smoothed TC Combined] - Float or Fixed Ambiguity

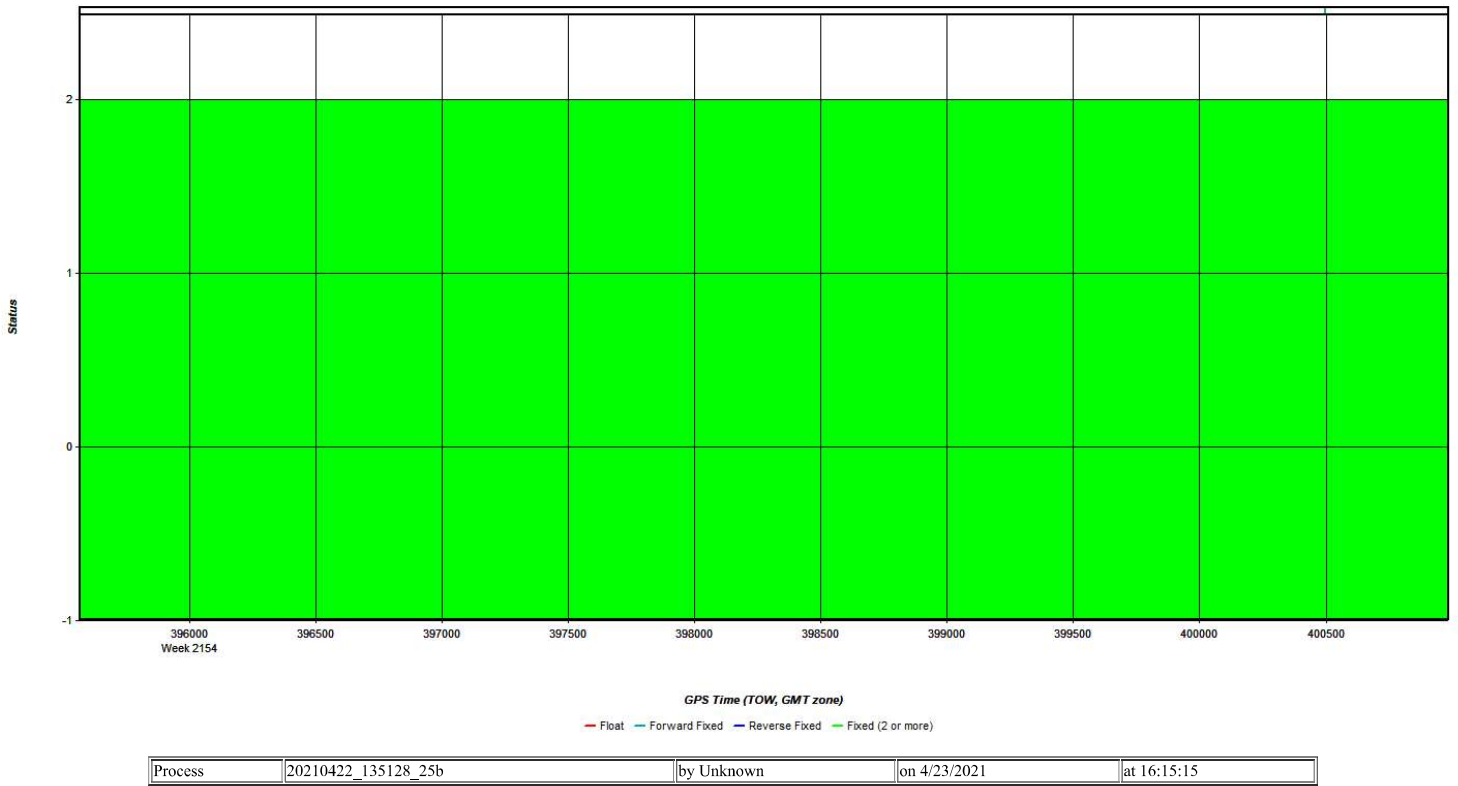


Figure 4: 20210422_135128_25b [Smoothed TC Combined] - Forward/Reverse Separation Plot (Fixed)

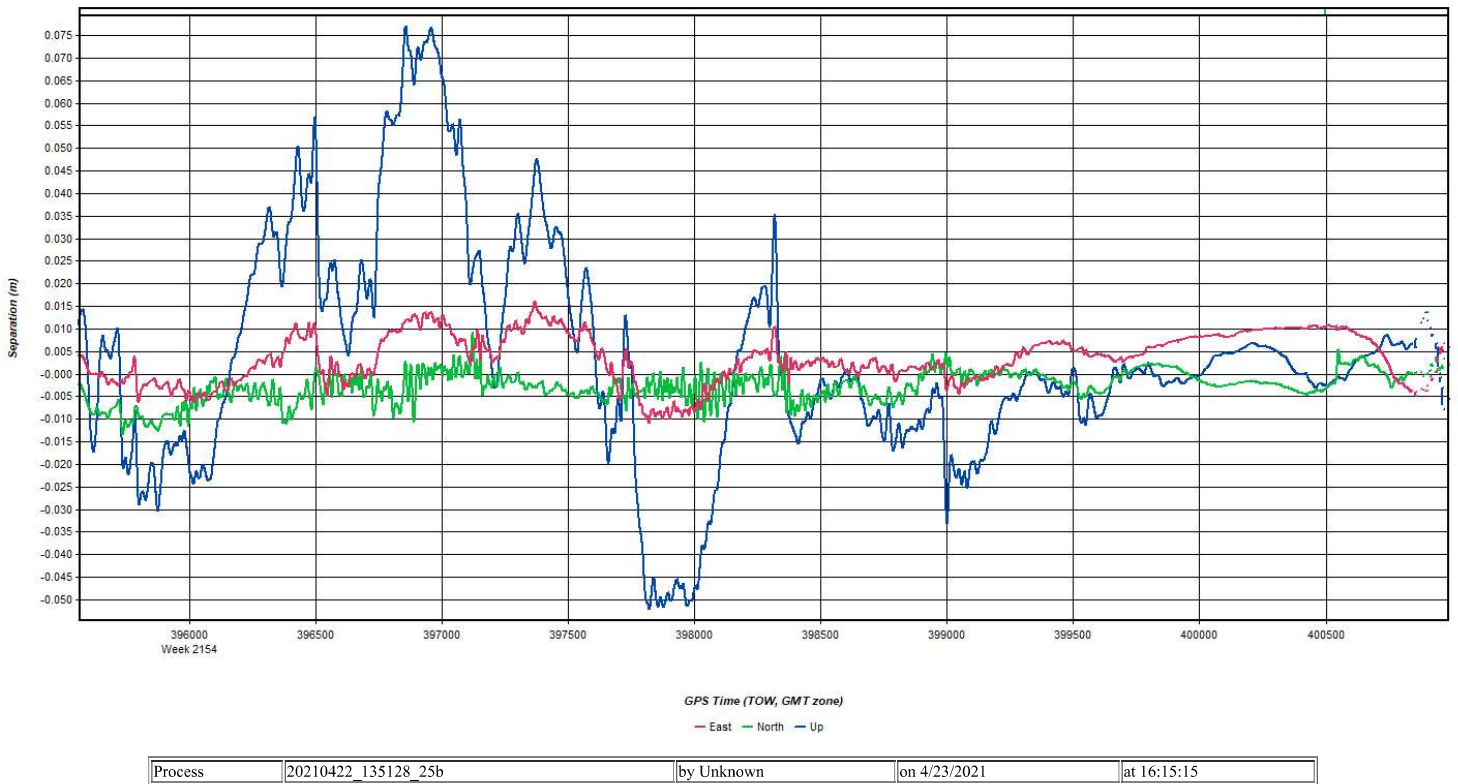
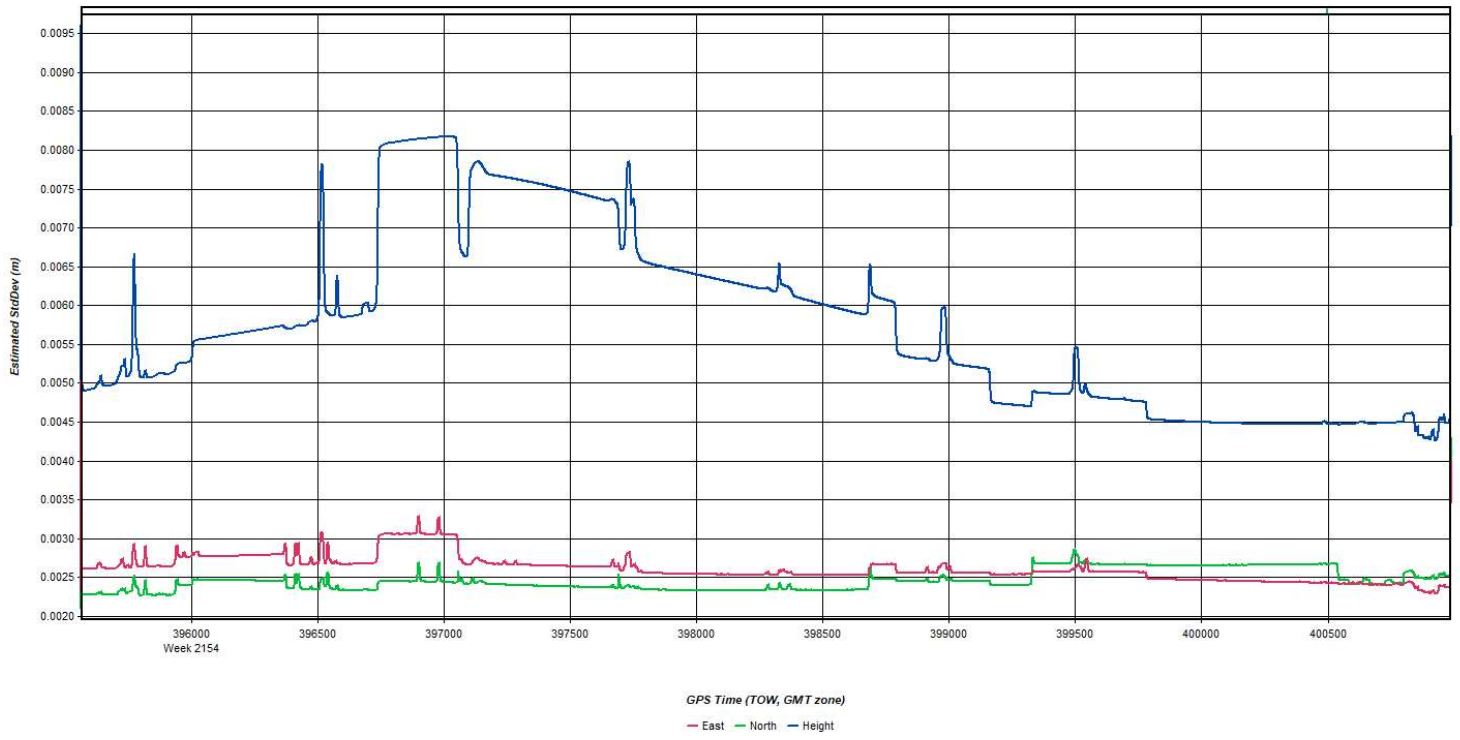
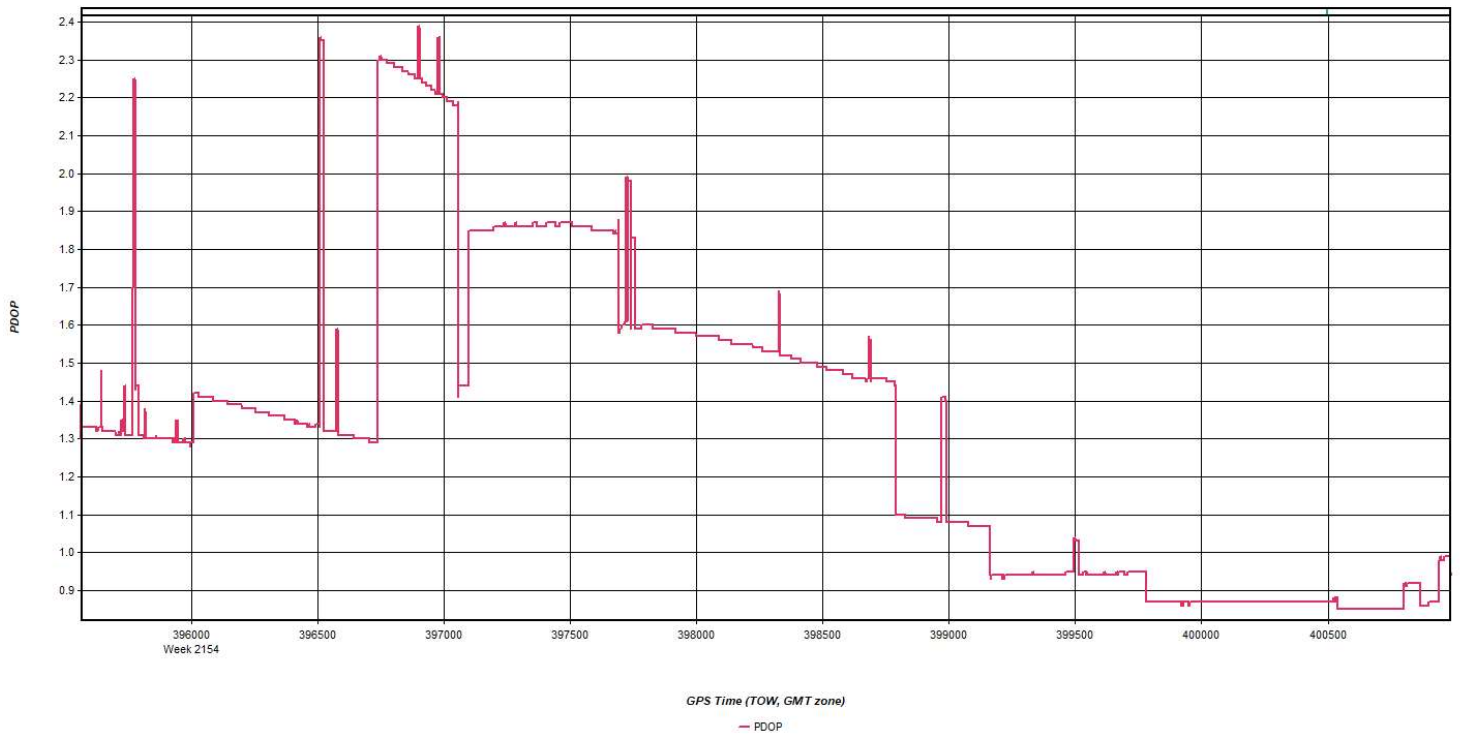


Figure 5: 20210422_135128_25b [Smoothed TC Combined] - Estimated Position Accuracy Plot



Process	20210422_135128_25b	by Unknown	on 4/23/2021	at 16:15:15
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Figure 6: 20210422_135128_25b [Smoothed TC Combined] - PDOP Plot



Process	20210422_135128_25b	by Unknown	on 4/23/2021	at 16:15:15
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Figure 7: 20210422_135128_25b [Smoothed TC Combined] - Number of Satellites Line Plot

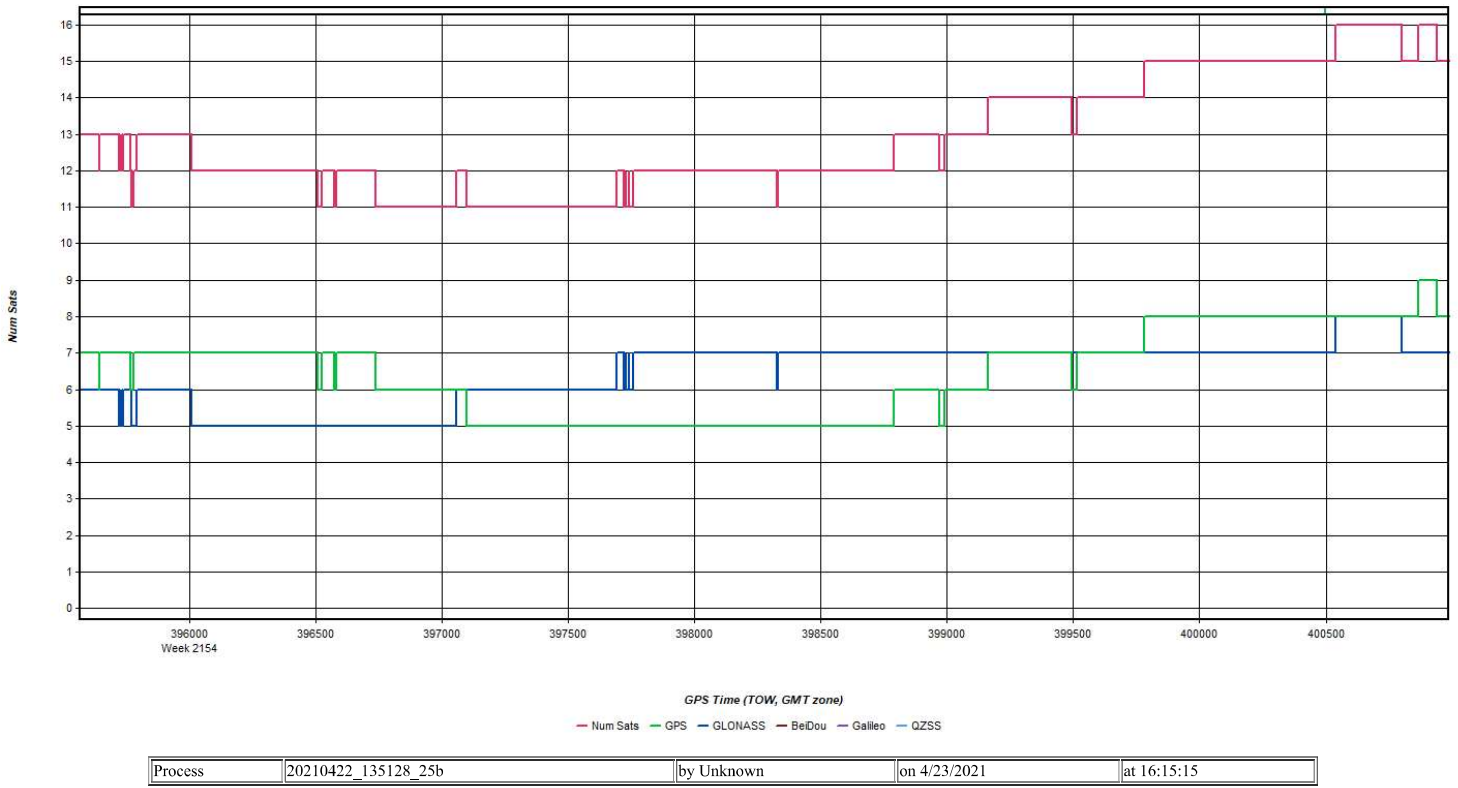


Figure 8: 20210422_135128_25b [Smoothed TC Combined] - Status flag for IMU processing

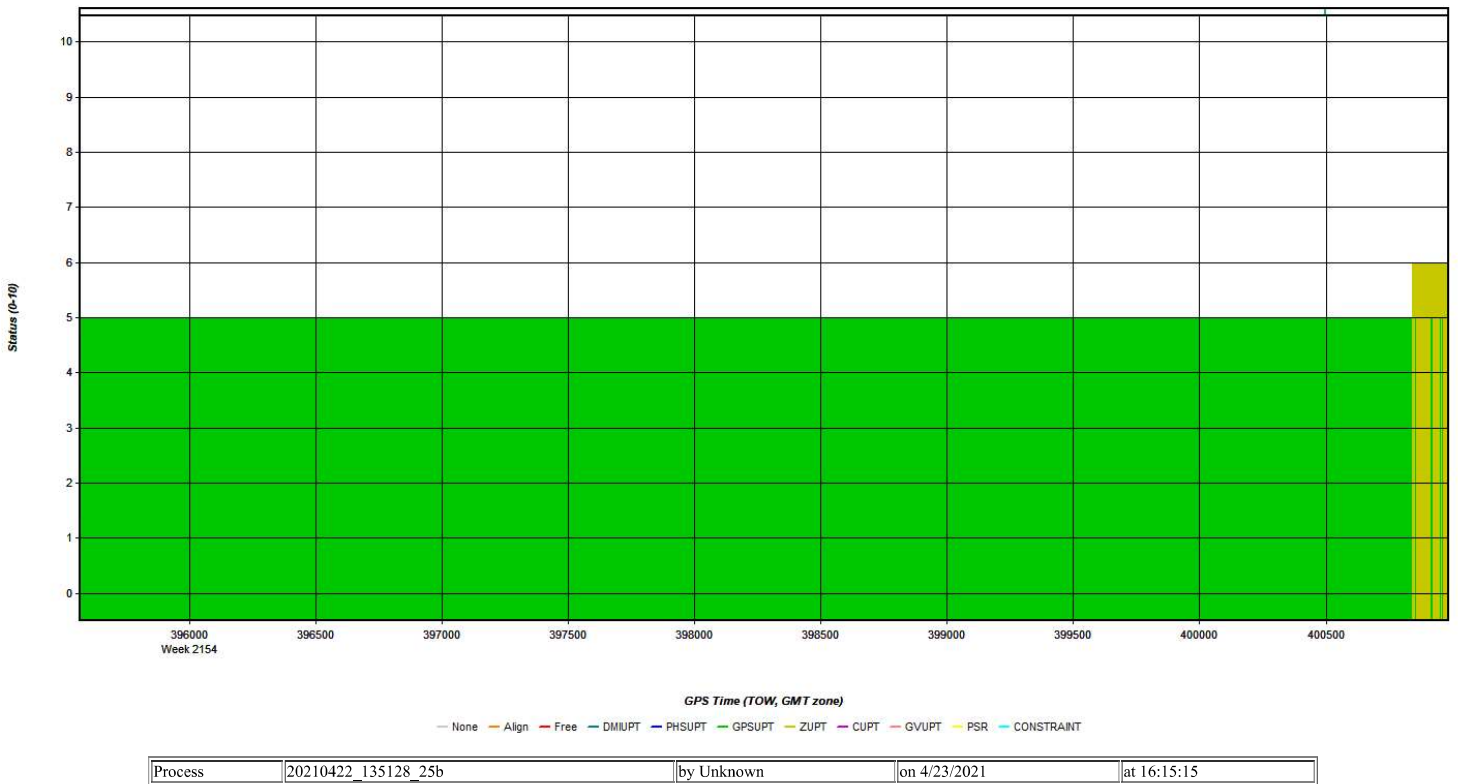


Figure 9: 20210422_135128_25b [Smoothed TC Combined] - Fwd/Rev Attitude Separation Plot

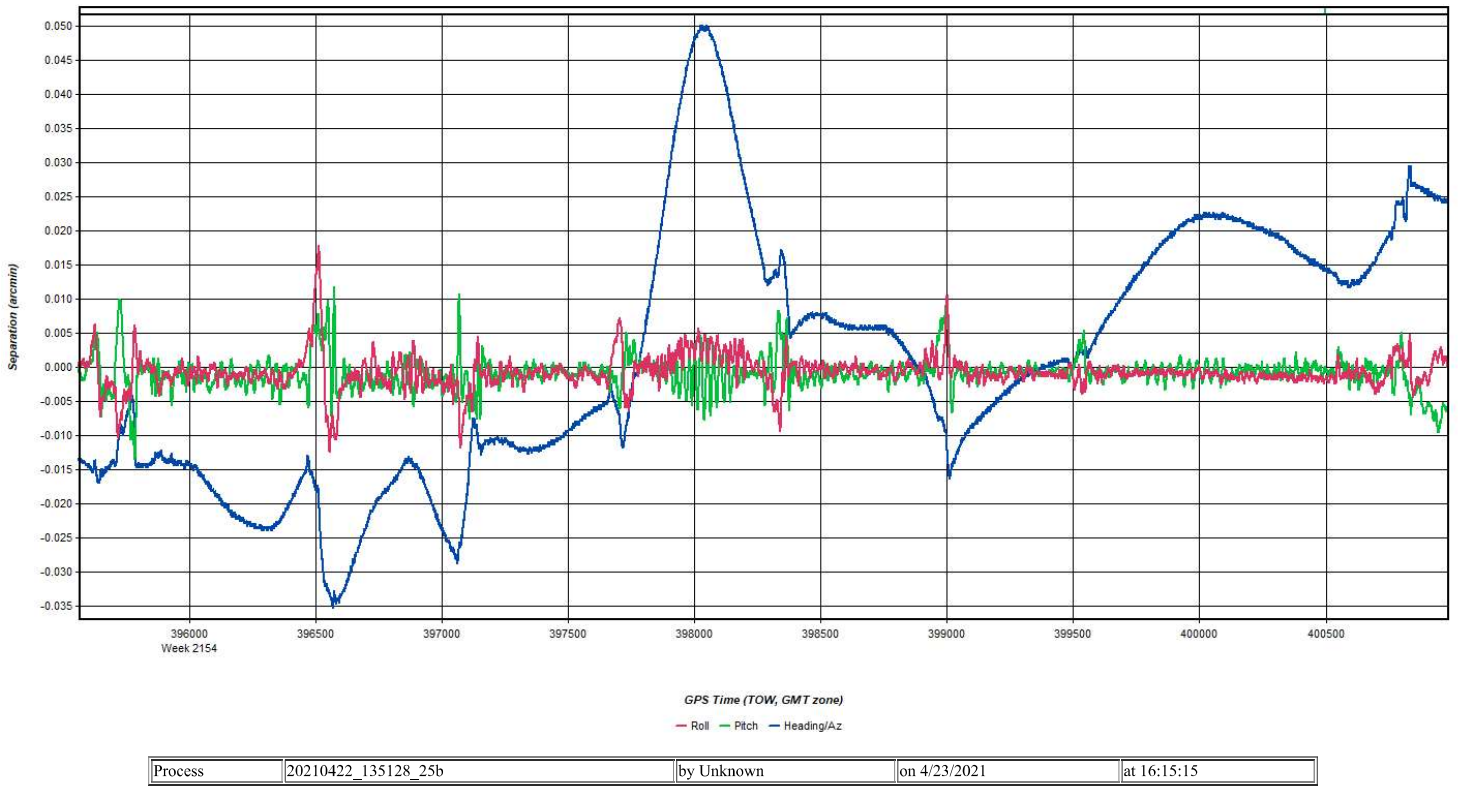


Figure 10: 20210422_135128_25b [Smoothed TC Combined] - Estimated Attitude Accuracy Plot

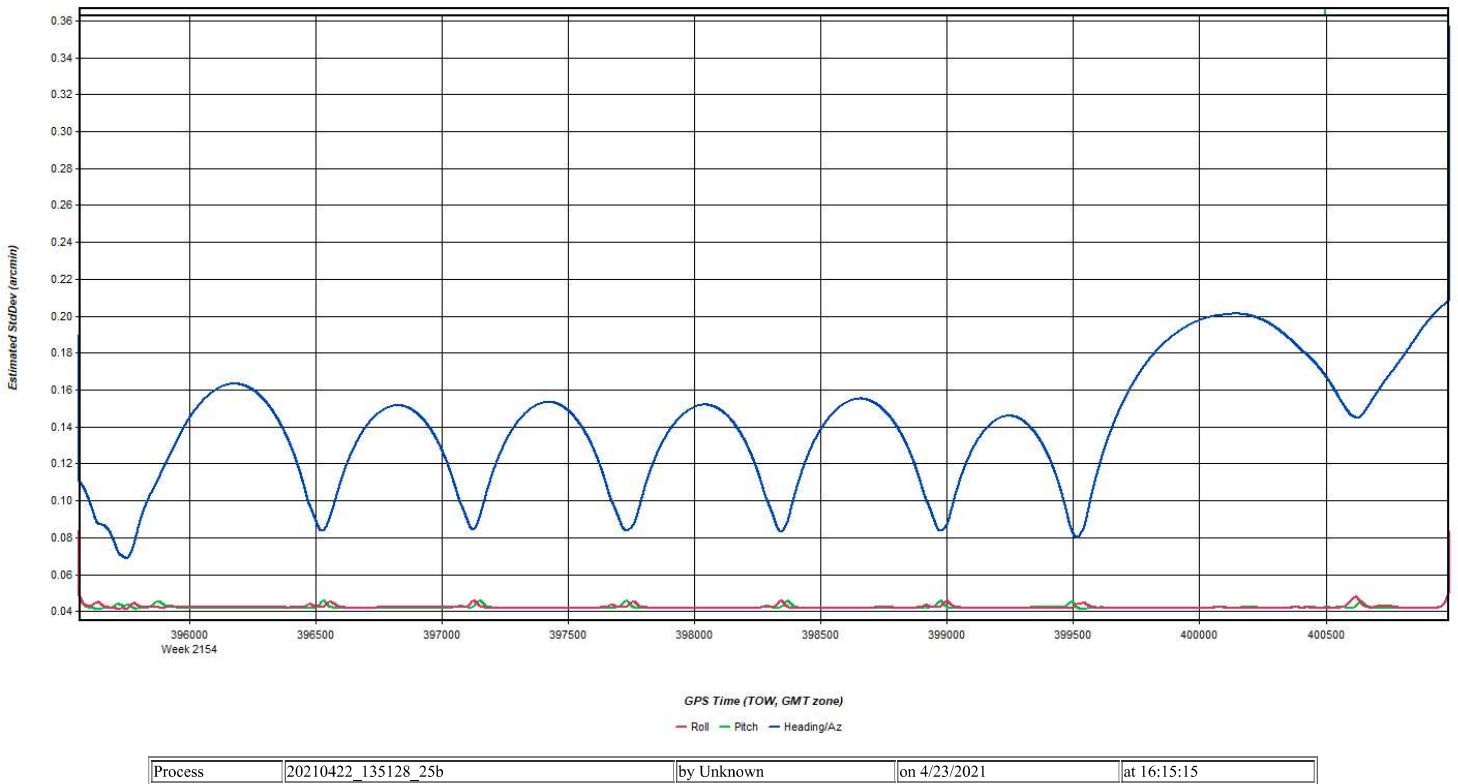


Figure 11: 20210422_135128_25b [Smoothed TC Combined] - Azimuth Plot

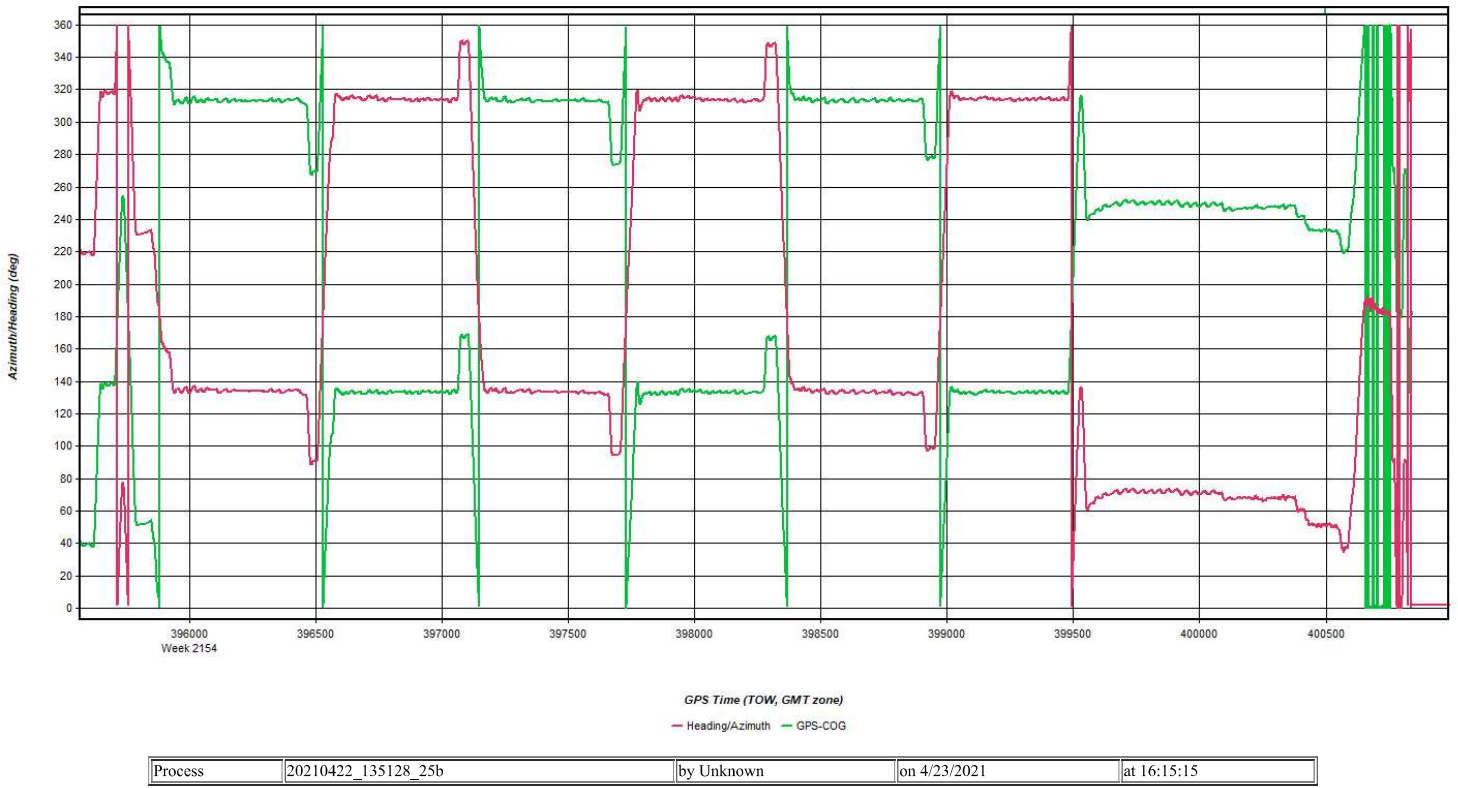


Figure 12: 20210422_135128_25b [Smoothed TC Combined] - Roll & Pitch Plot

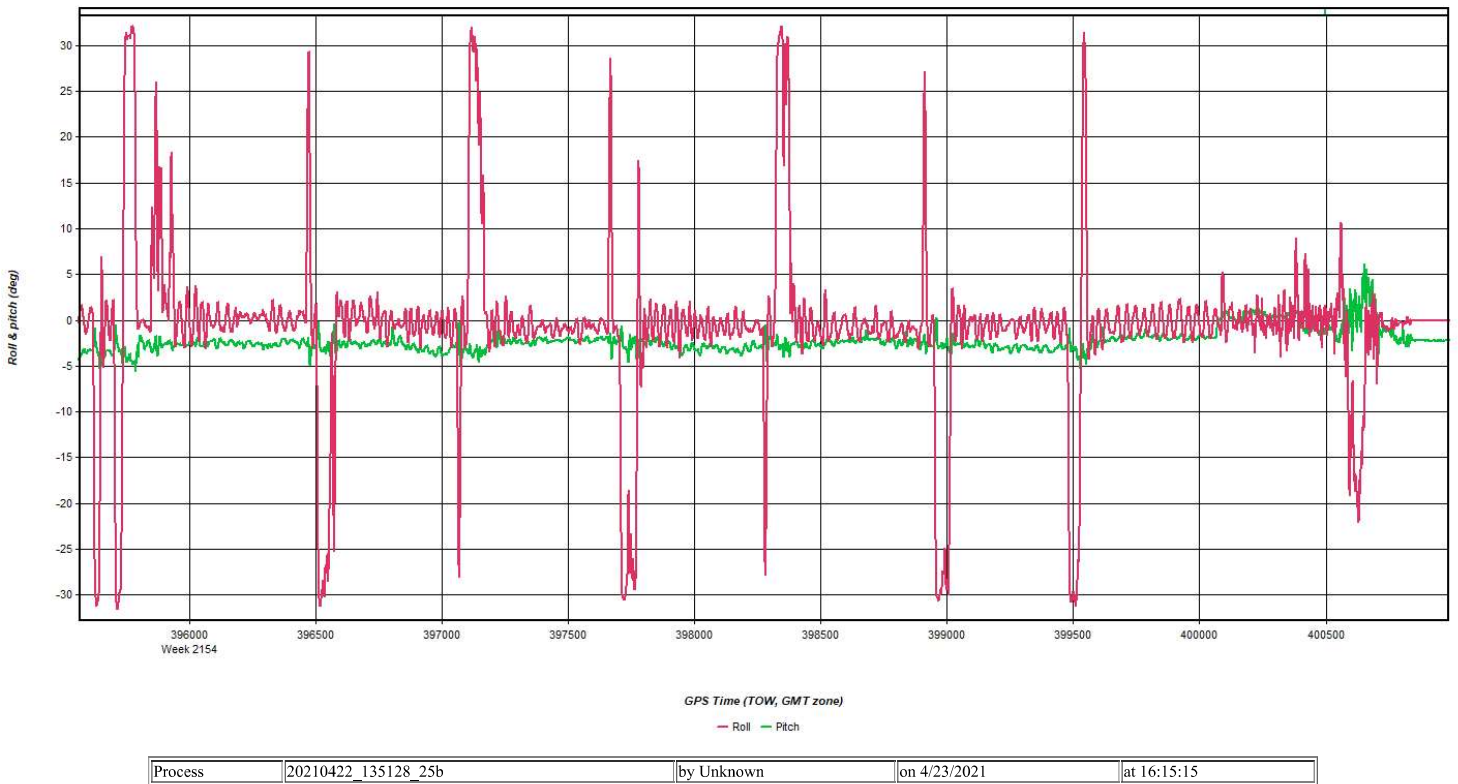


Figure 13: 20210422_135128_25b [Smoothed TC Combined] - Velocity Profile Plot

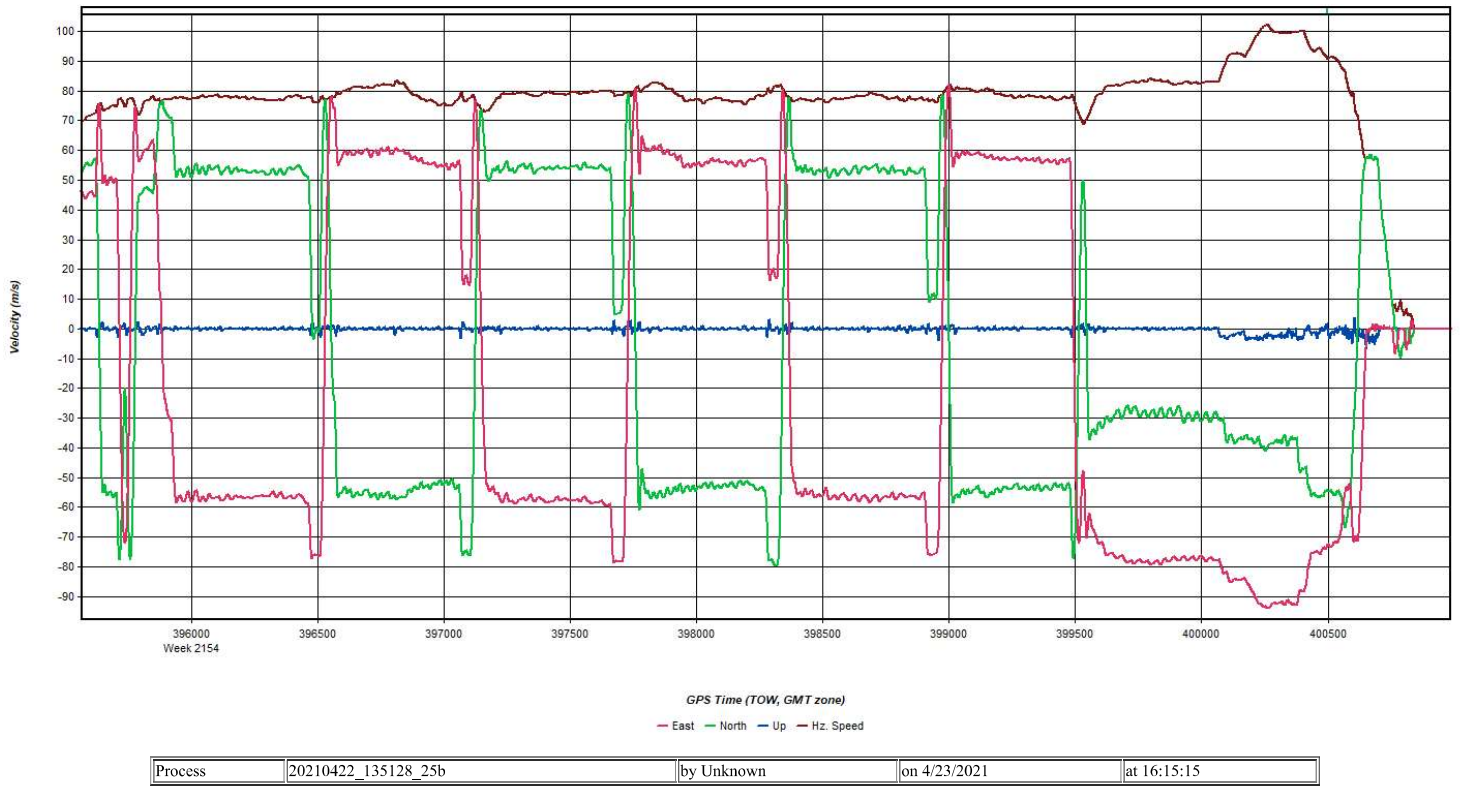


Figure 14: 20210422_135128_25b [Smoothed TC Combined] - Body Frame Velocity Plot

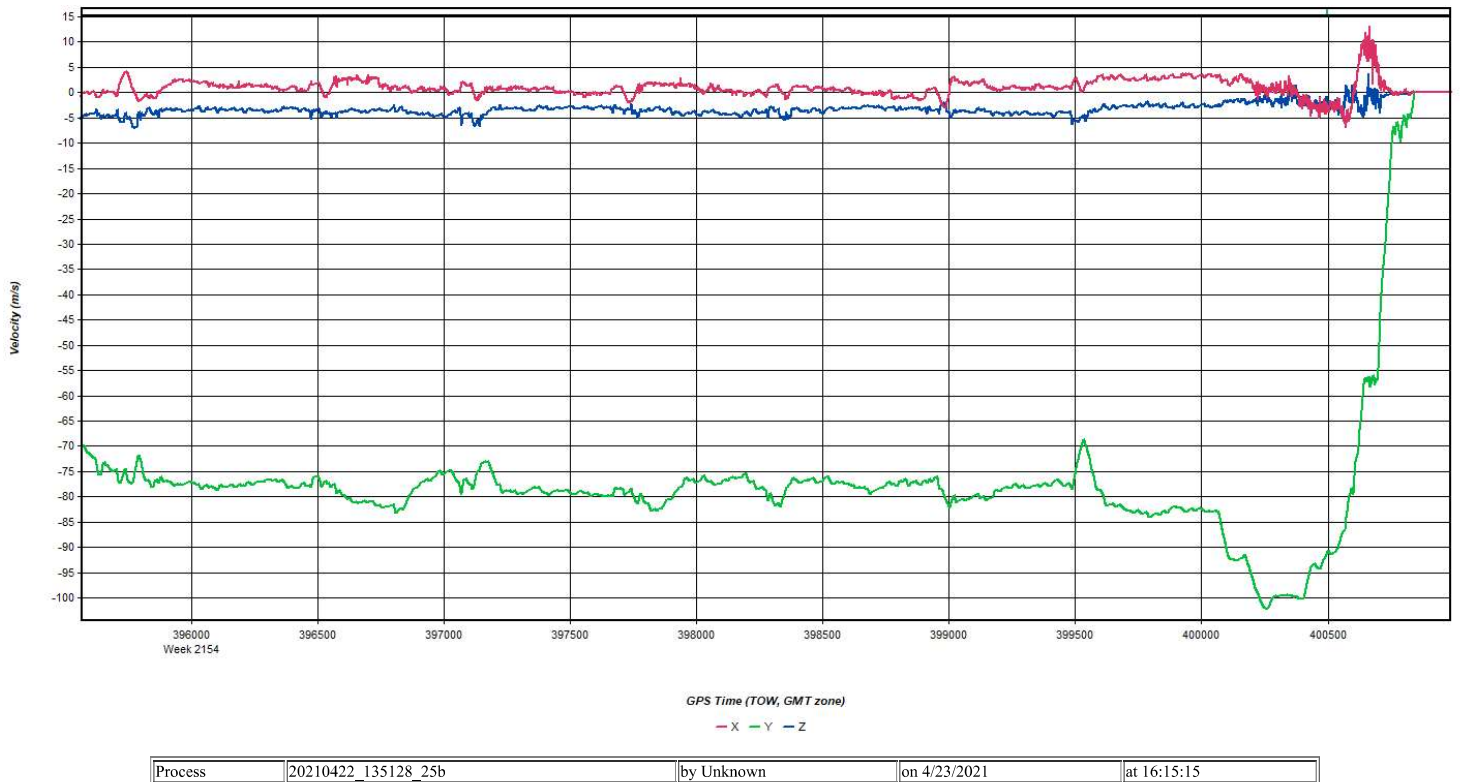
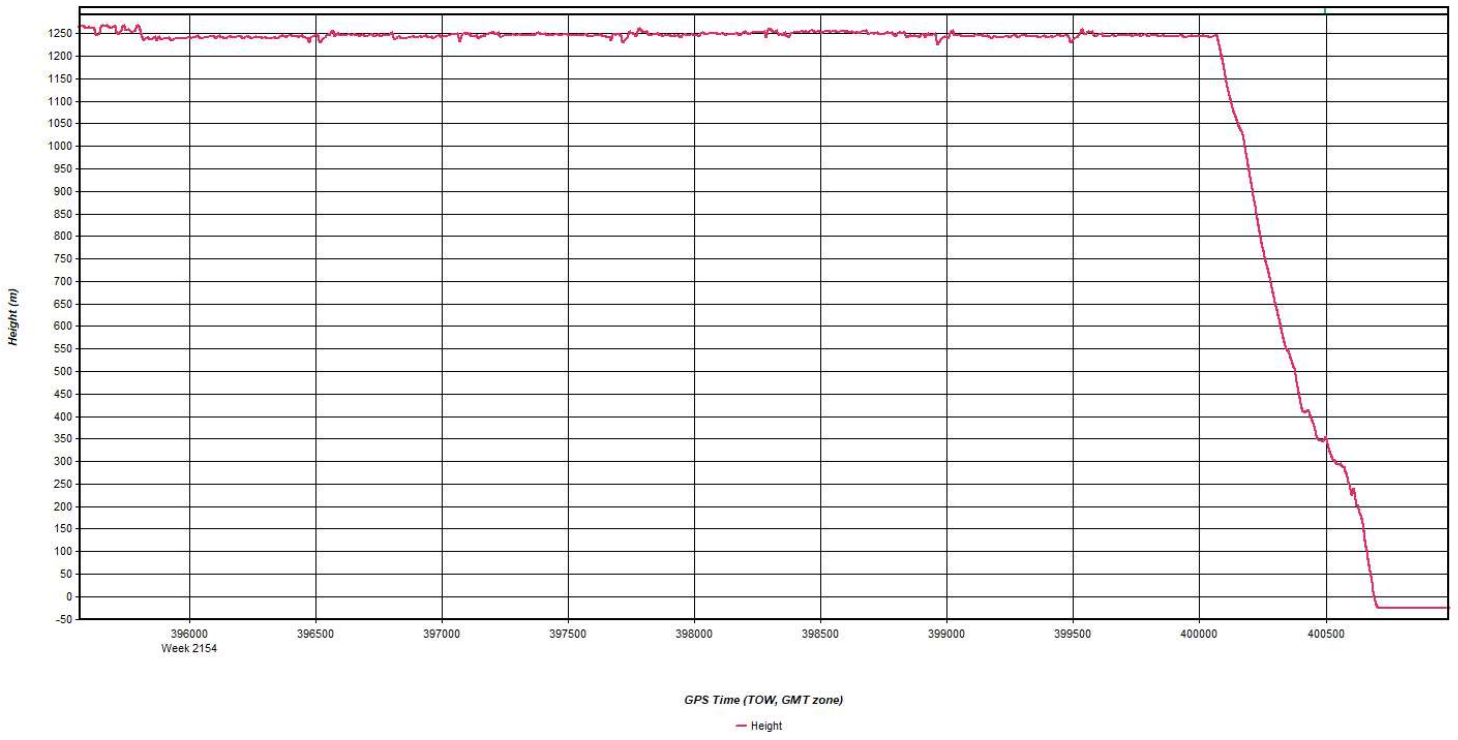
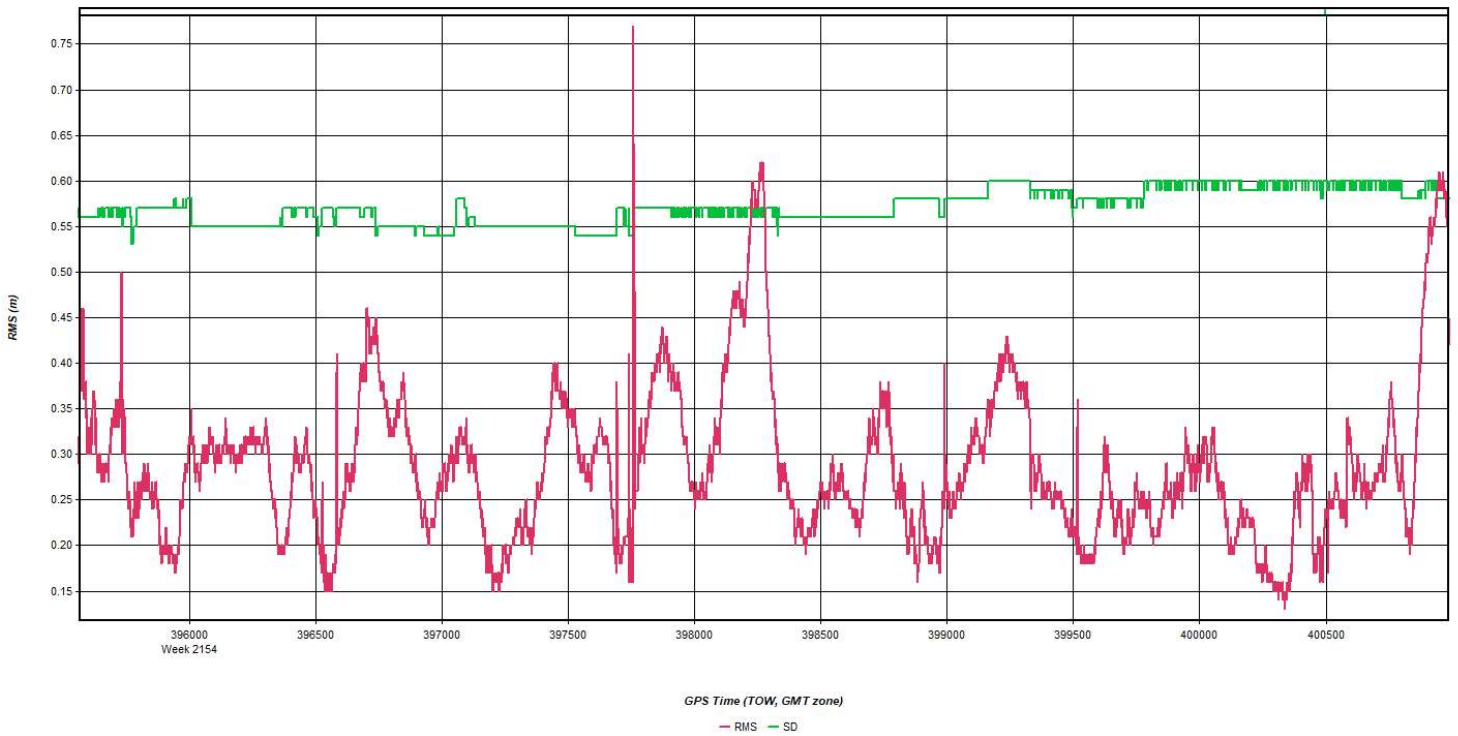


Figure 15: 20210422_135128_25b [Smoothed TC Combined] - Height Profile Plot



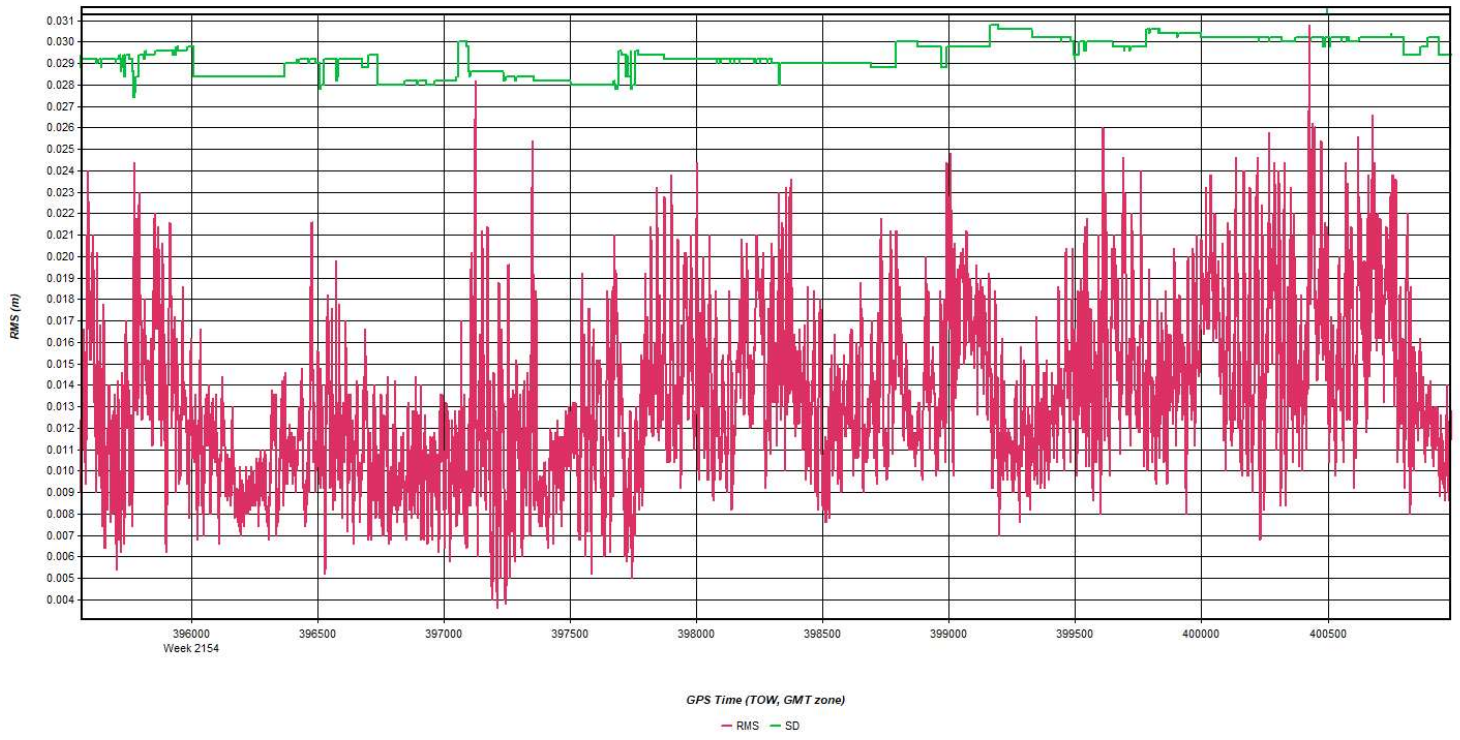
Process	20210422_135128_25b	by Unknown	on 4/23/2021	at 16:15:15
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Figure 16: 20210422_135128_25b [Smoothed TC Combined] - C/A Code Residual RMS Plot



Process	20210422_135128_25b	by Unknown	on 4/23/2021	at 16:15:15
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Figure 17: 20210422_135128_25b [Smoothed TC Combined] - Carrier Residual RMS Plot



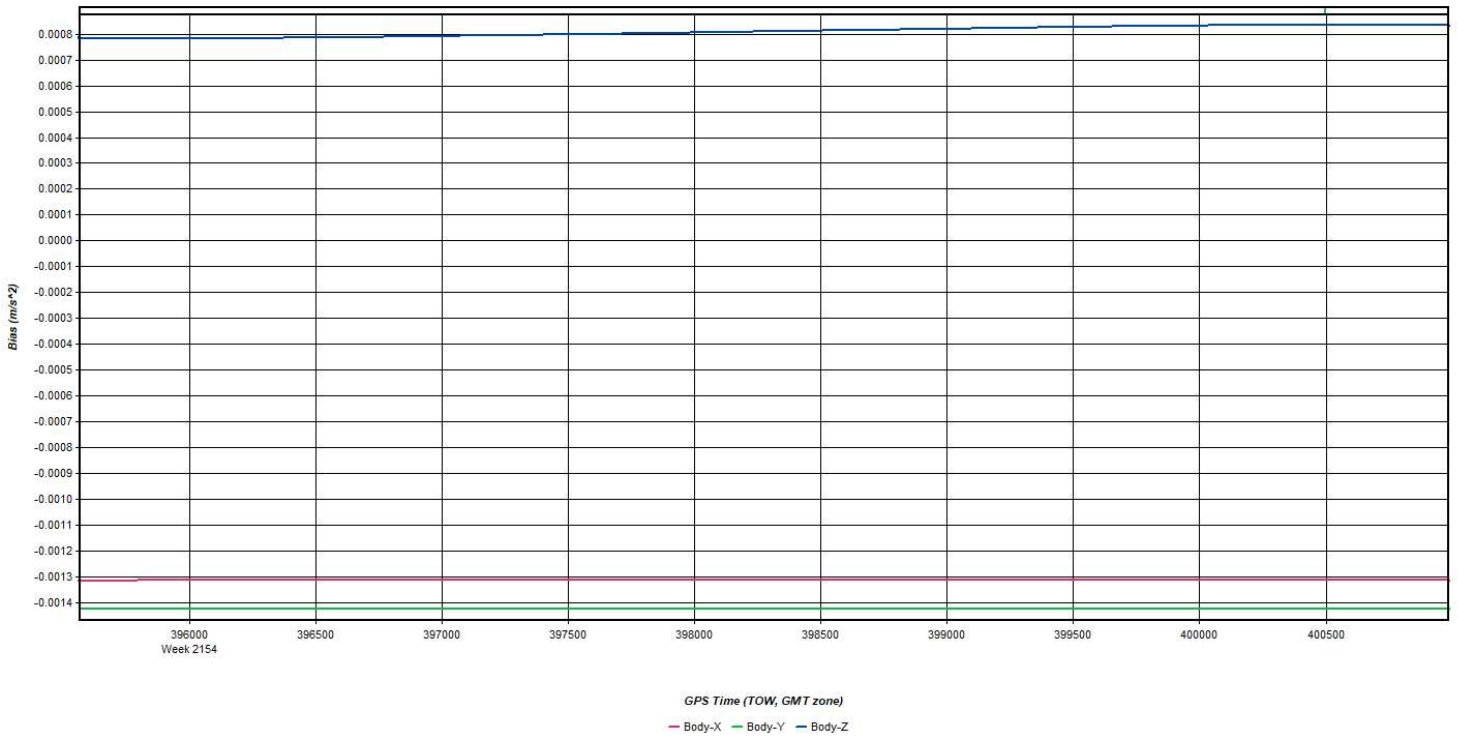
Process	20210422_135128_25b	by Unknown	on 4/23/2021	at 16:15:15
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Figure 18: 20210422_135128_25b [Smoothed TC Combined] - L1 Doppler Residual RMS Plot



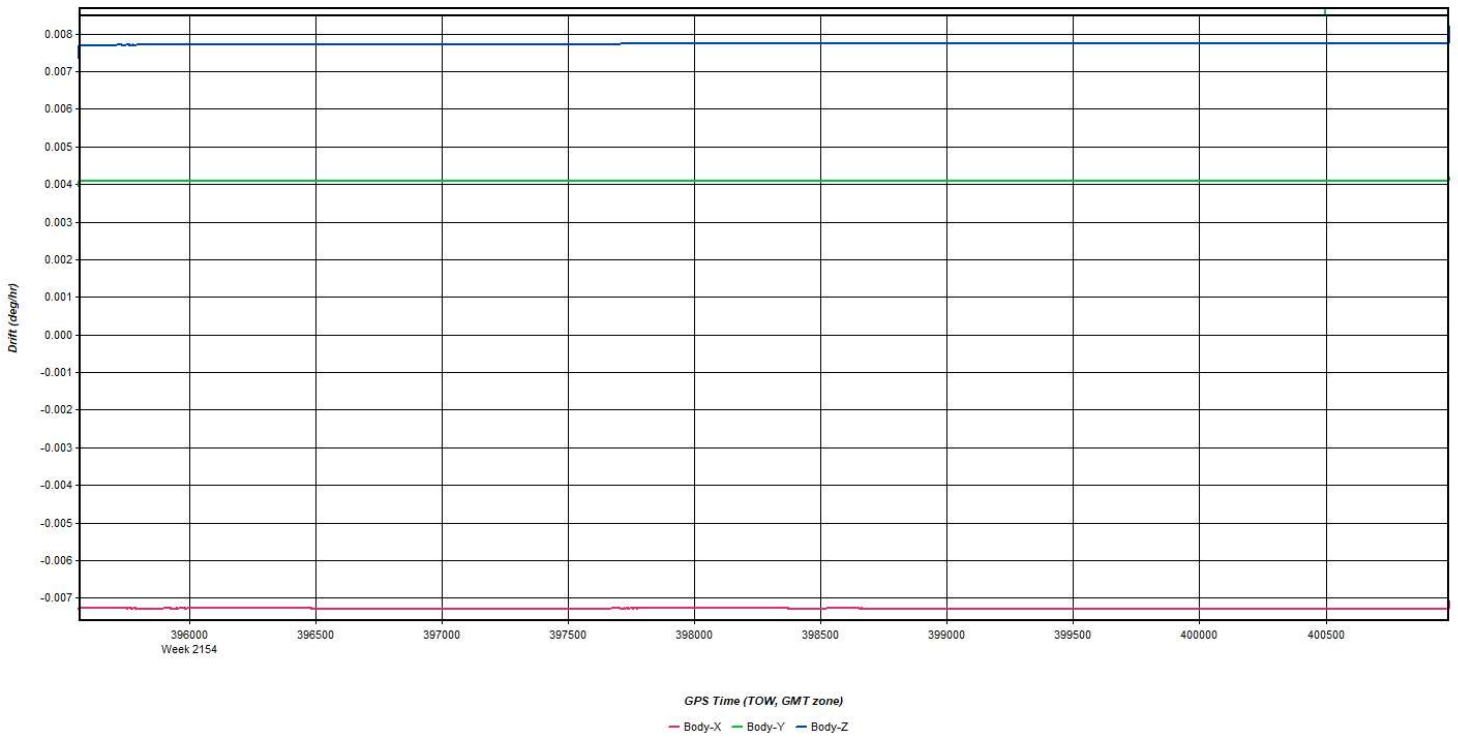
Process	20210422_135128_25b	by Unknown	on 4/23/2021	at 16:15:15
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Figure 19: 20210422_135128_25b [Smoothed TC Combined] - Accelerometer Bias Plot



Process	20210422_135128_25b	by Unknown	on 4/23/2021	at 16:15:15
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Figure 20: 20210422_135128_25b [Smoothed TC Combined] - Gyro Drift Plot

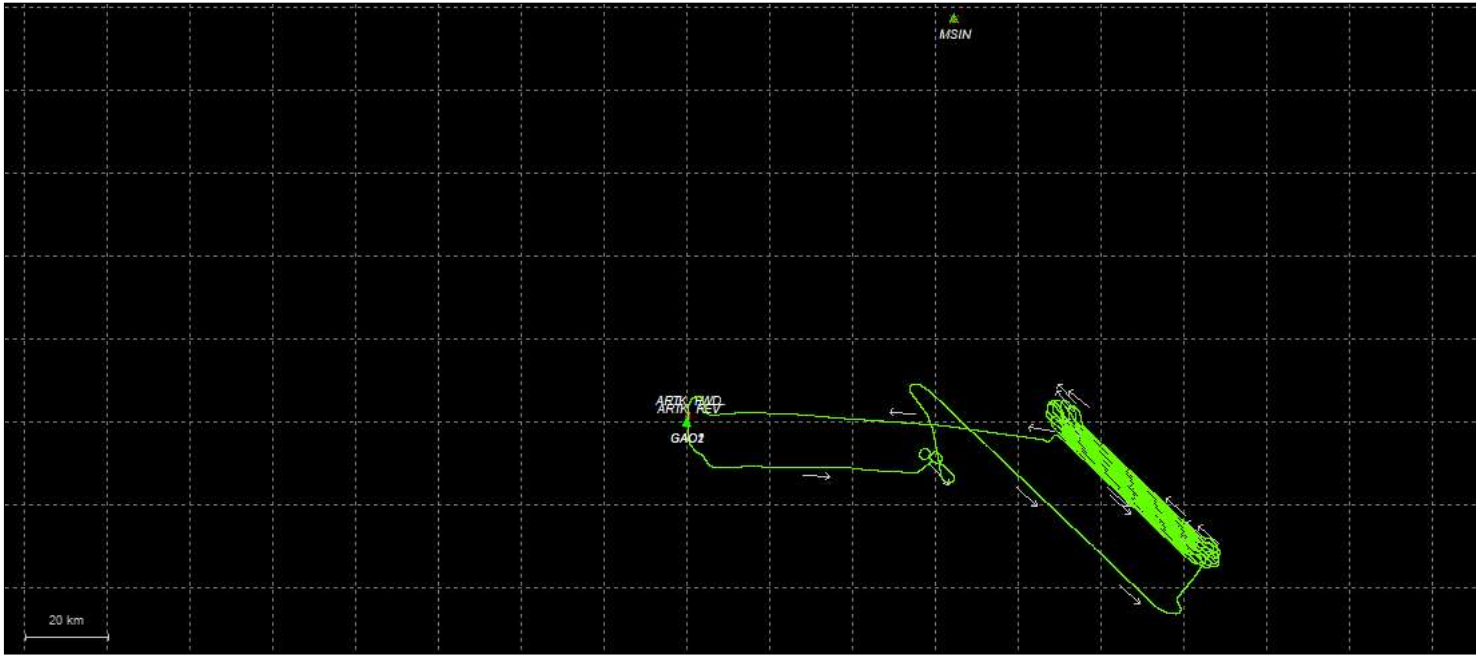


Process	20210422_135128_25b	by Unknown	on 4/23/2021	at 16:15:15
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Output Results for 20210426_220319_26

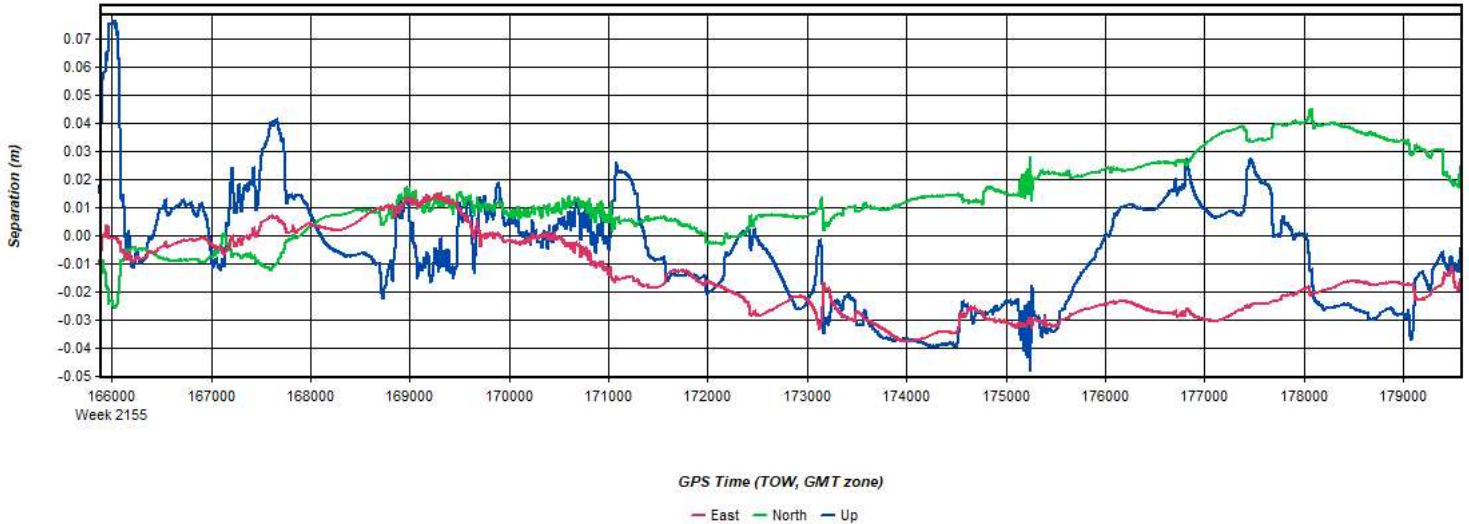
Inertial Explorer Version 8.90.2124
05/03/2021

Figure 1: Smoothed TC Combined - Map



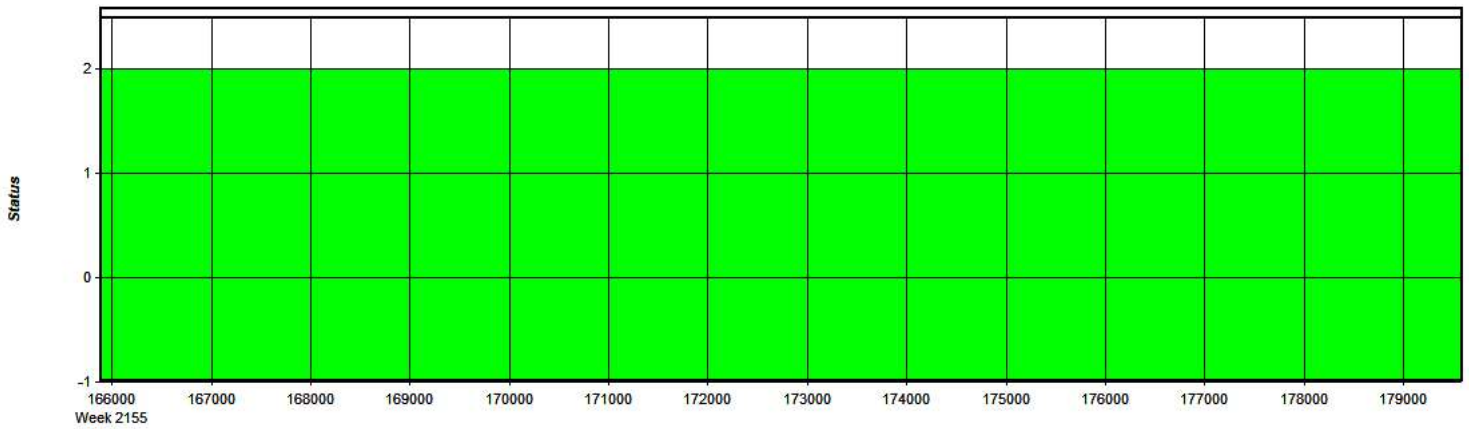
Process	20210426_220319_26	by Unknown	on 5/3/2021	at 11:14:53
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Figure 2: 20210426_220319_26 [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot



Process	20210426_220319_26	by Unknown	on 5/3/2021	at 11:14:53
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Figure 3: 20210426_220319_26 [Smoothed TC Combined] - Float or Fixed Ambiguity

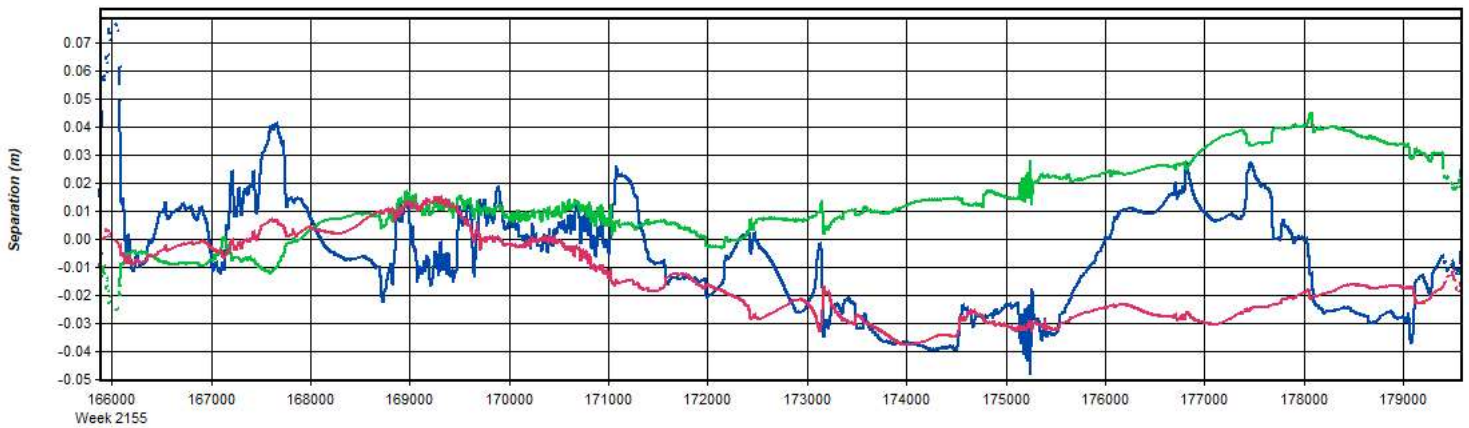


GPS Time (TOW, GMT zone)

— Float — Forward Fixed — Reverse Fixed — Fixed (2 or more)

Process	20210426_220319_26	by Unknown	on 5/3/2021	at 11:14:53
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Figure 4: 20210426_220319_26 [Smoothed TC Combined] - Forward/Reverse Separation Plot (Fixed)

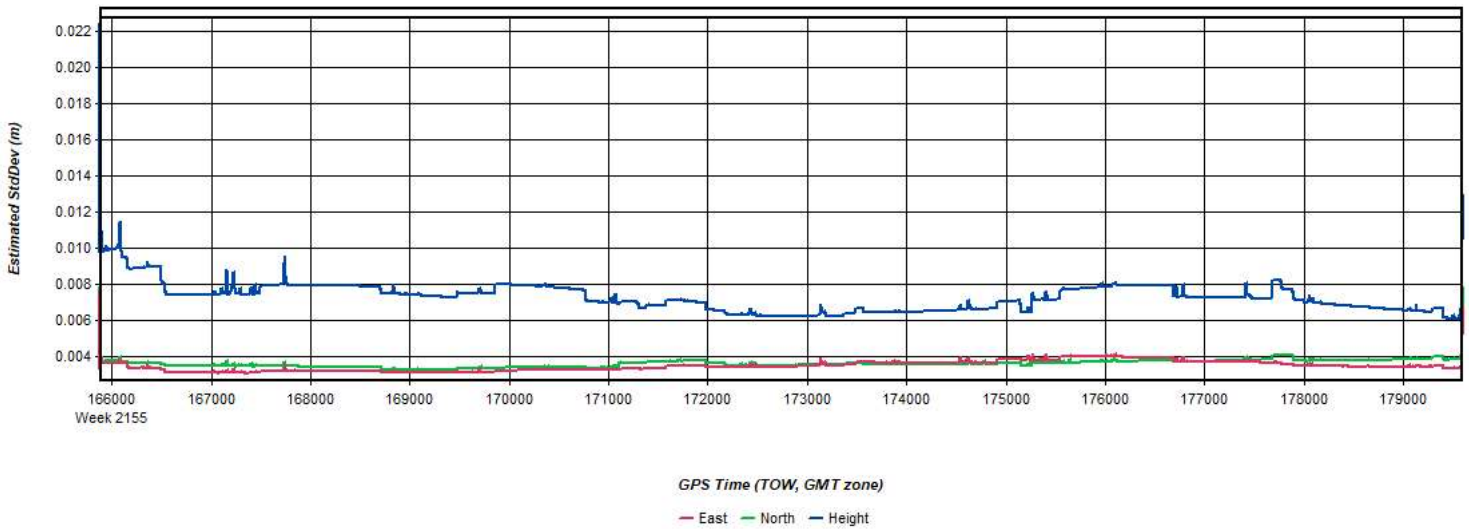


GPS Time (TOW, GMT zone)

— East — North — Up

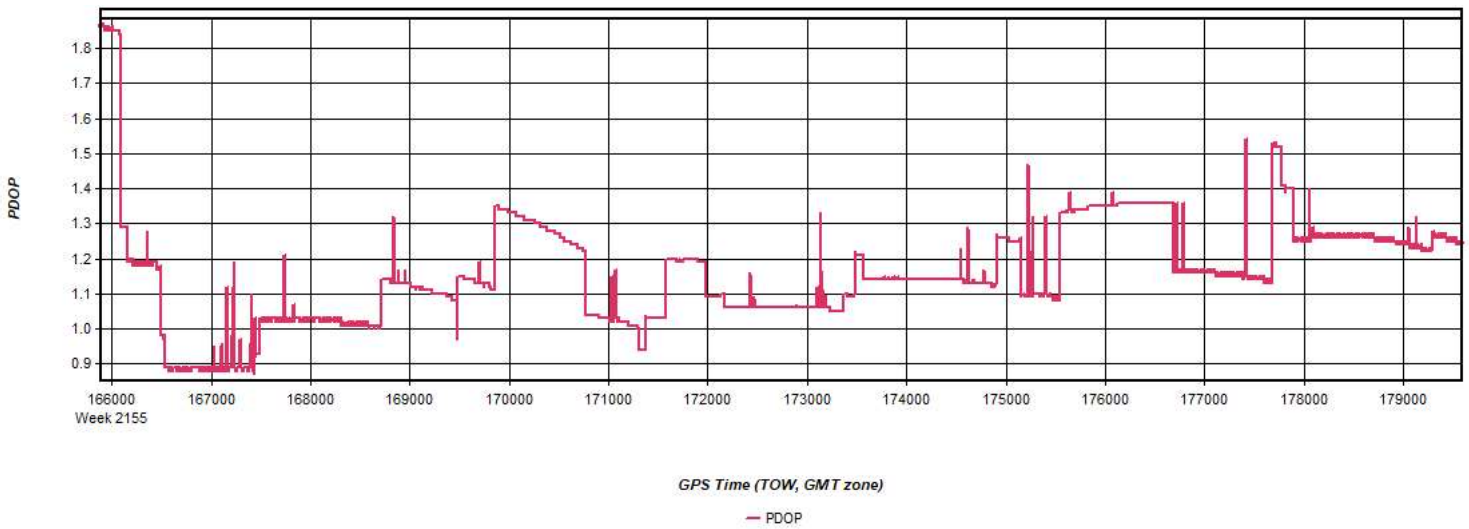
Process	20210426_220319_26	by Unknown	on 5/3/2021	at 11:14:53
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Figure 5: 20210426_220319_26 [Smoothed TC Combined] - Estimated Position Accuracy Plot



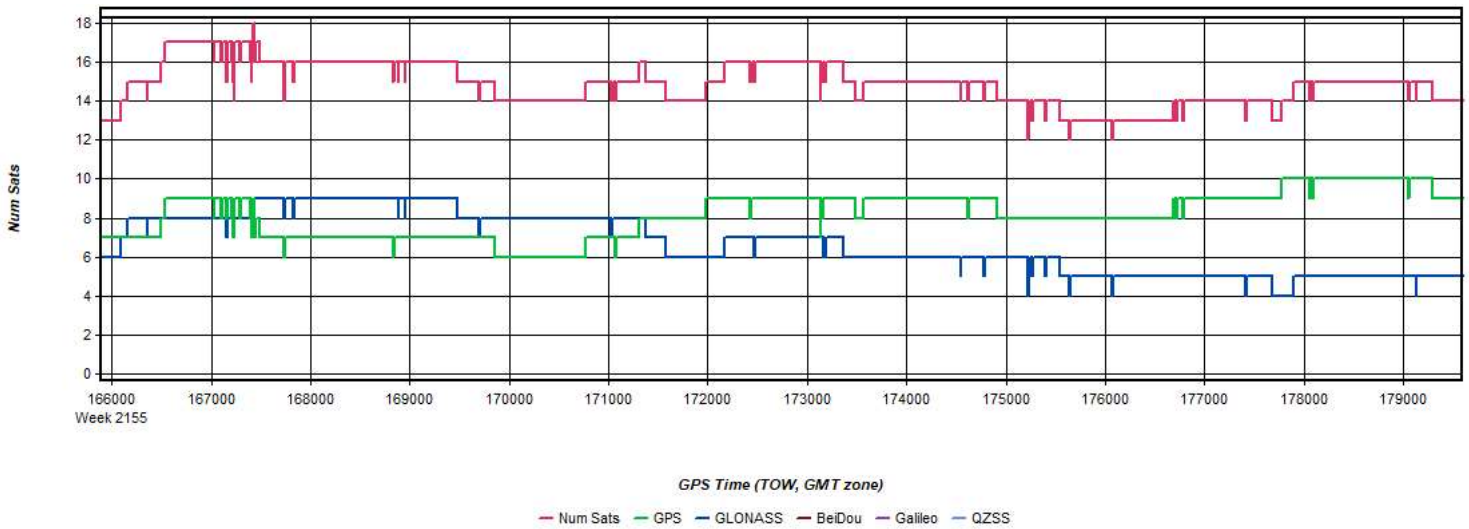
Process	20210426_220319_26	by Unknown	on 5/3/2021	at 11:14:53
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Figure 6: 20210426_220319_26 [Smoothed TC Combined] - PDOP Plot



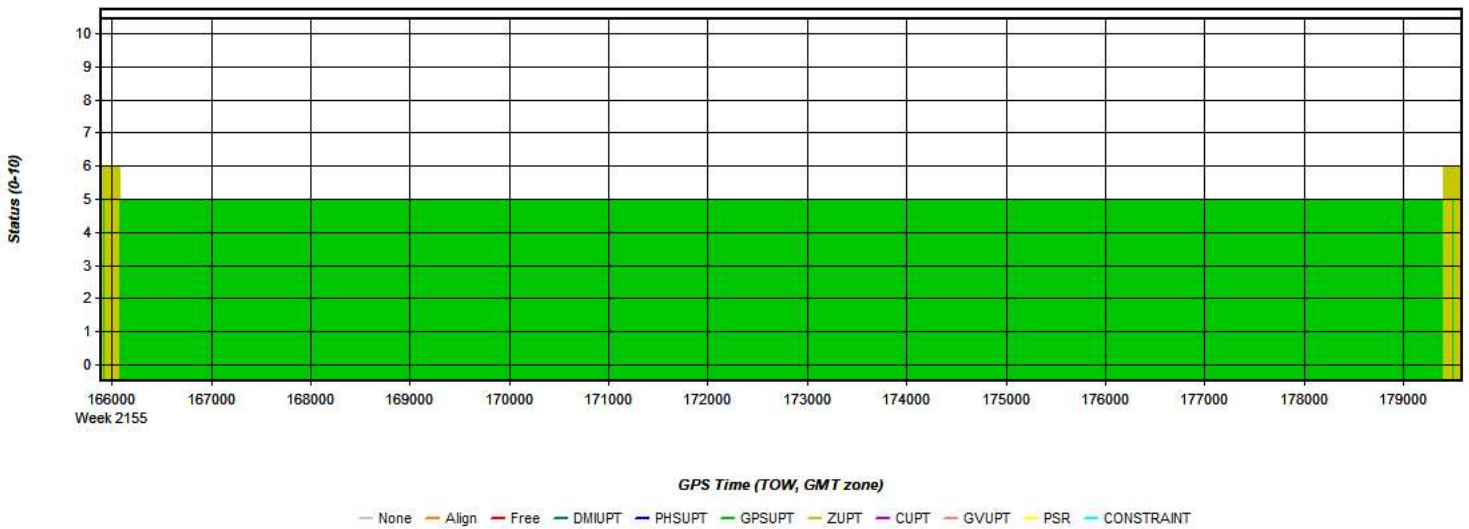
Process	20210426_220319_26	by Unknown	on 5/3/2021	at 11:14:53
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Figure 7: 20210426_220319_26 [Smoothed TC Combined] - Number of Satellites Line Plot



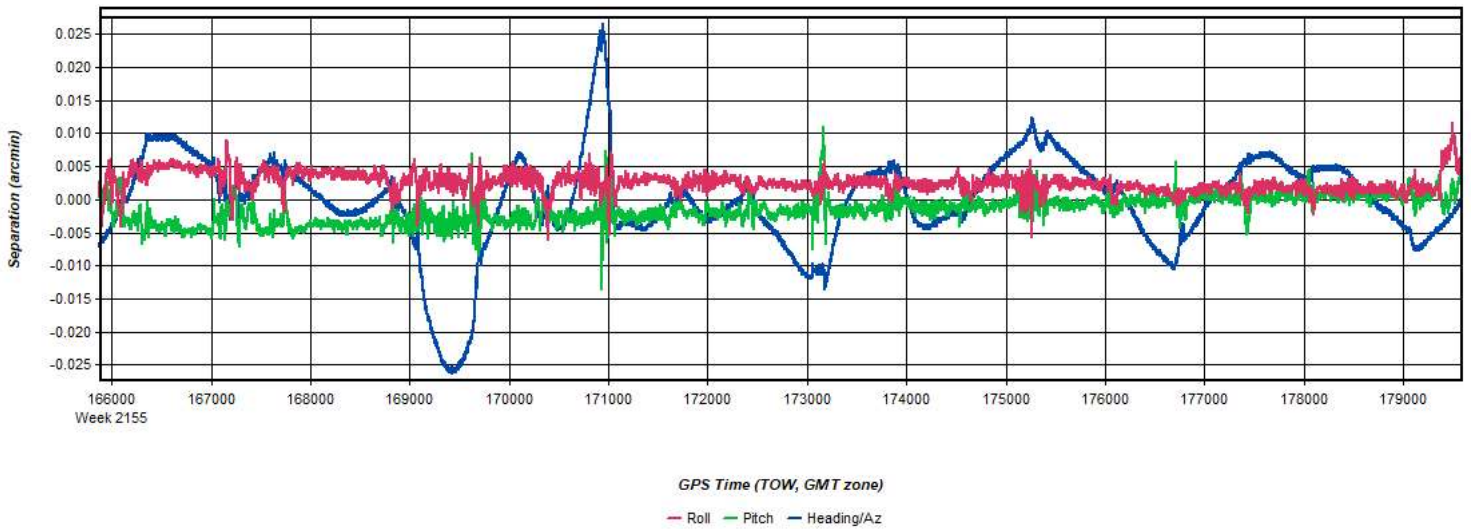
Process	20210426_220319_26	by Unknown	on 5/3/2021	at 11:14:53
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Figure 8: 20210426_220319_26 [Smoothed TC Combined] - Status flag for IMU processing



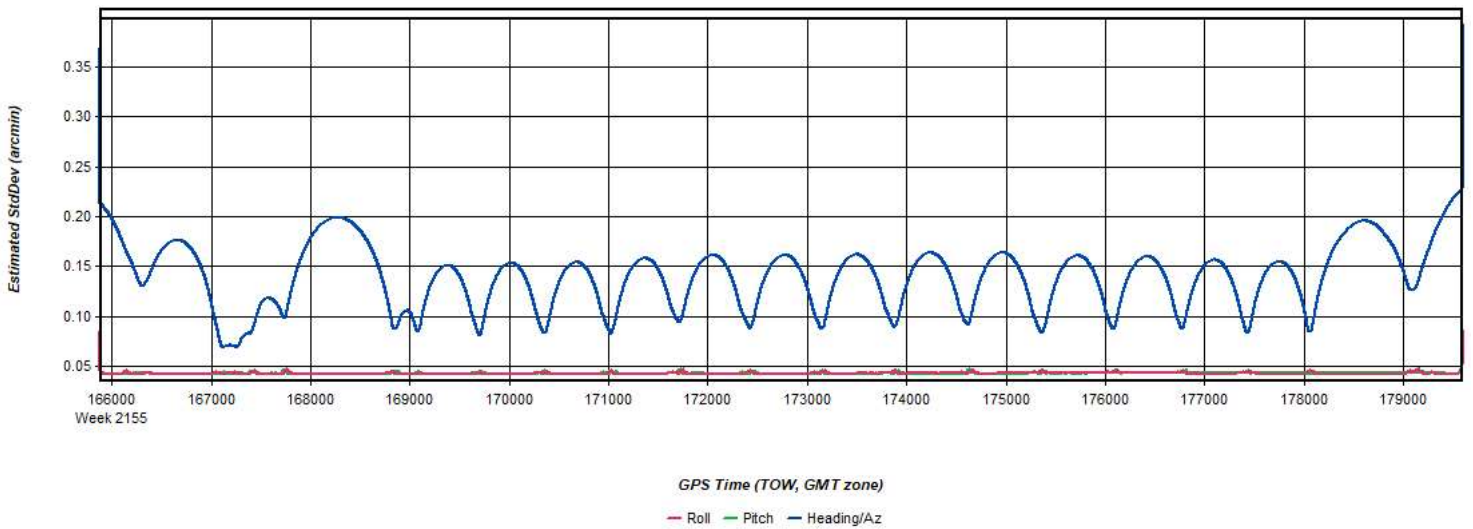
Process	20210426_220319_26	by Unknown	on 5/3/2021	at 11:14:53
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Figure 9: 20210426_220319_26 [Smoothed TC Combined] - Fwd/Rev Attitude Separation Plot



Process	20210426_220319_26	by Unknown	on 5/3/2021	at 11:14:53
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Figure 10: 20210426_220319_26 [Smoothed TC Combined] - Estimated Attitude Accuracy Plot



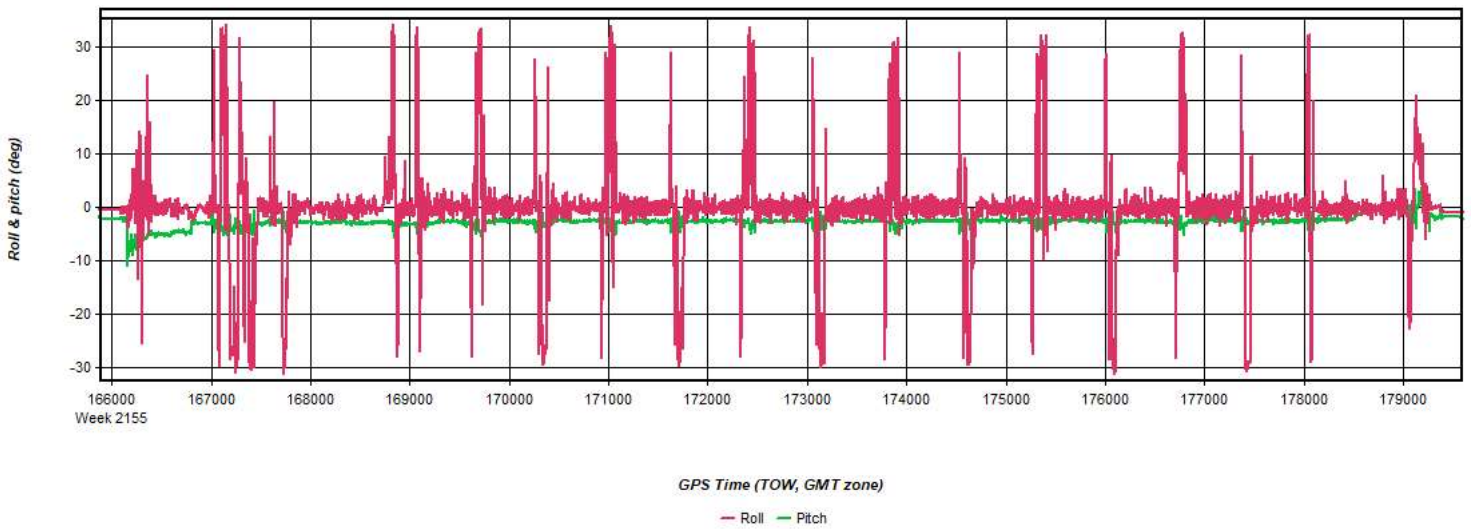
Process	20210426_220319_26	by Unknown	on 5/3/2021	at 11:14:53
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Figure 11: 20210426_220319_26 [Smoothed TC Combined] - Azimuth Plot



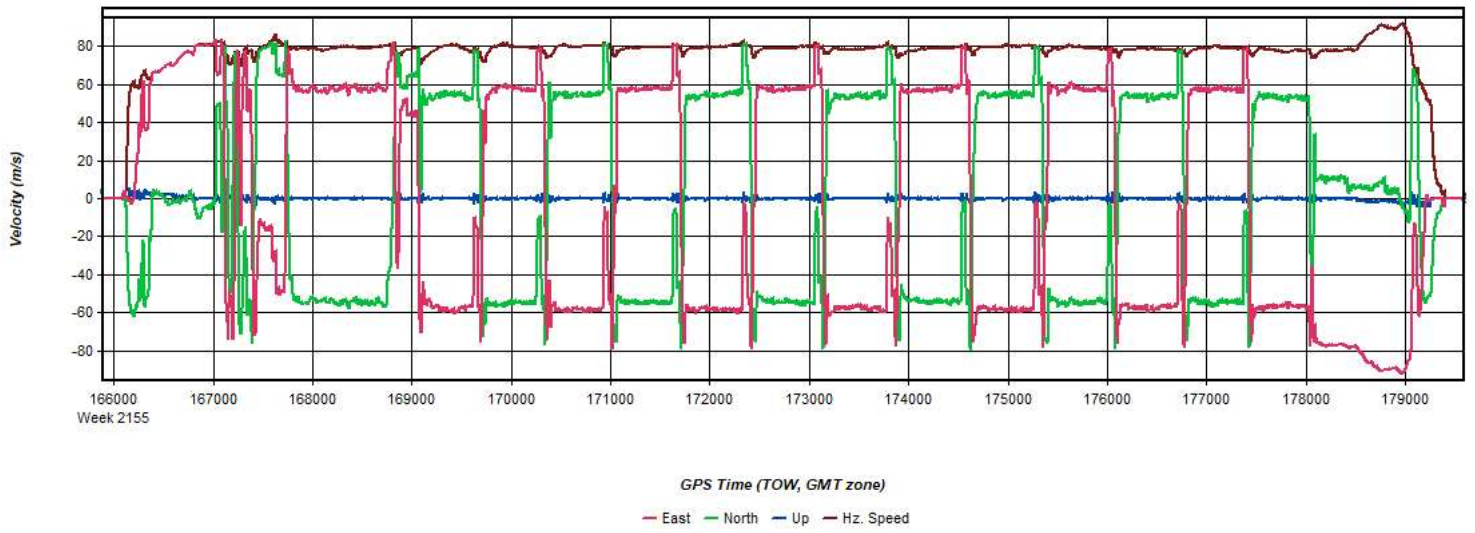
Process	20210426_220319_26	by Unknown	on 5/3/2021	at 11:14:53
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Figure 12: 20210426_220319_26 [Smoothed TC Combined] - Roll & Pitch Plot



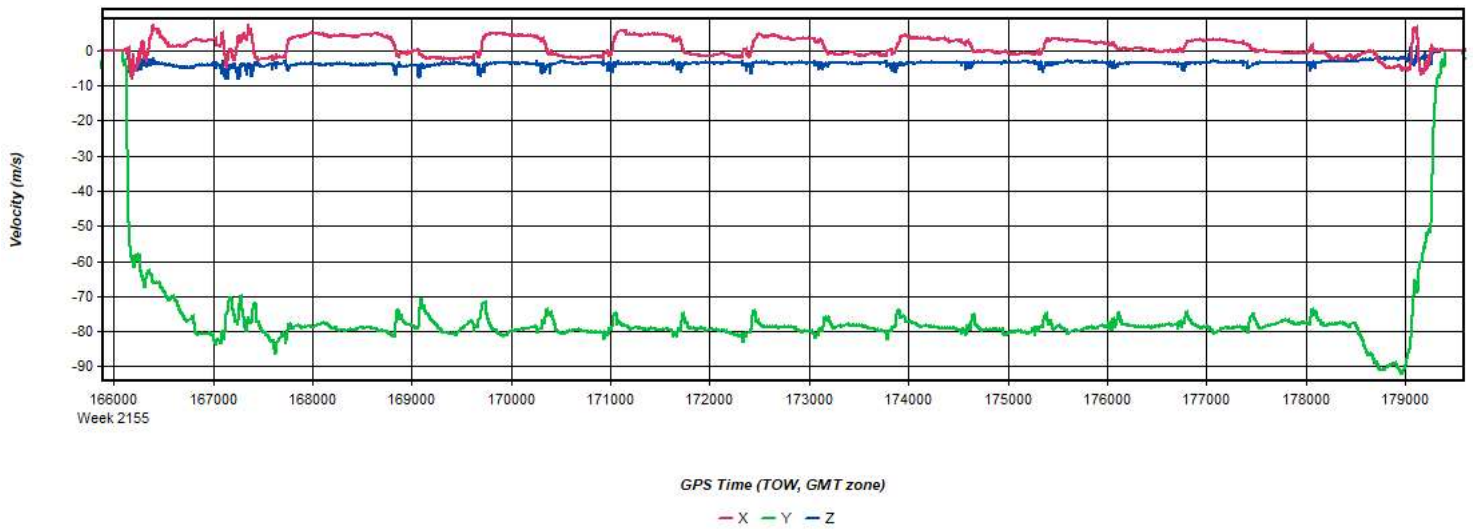
Process	20210426_220319_26	by Unknown	on 5/3/2021	at 11:14:53
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Figure 13: 20210426_220319_26 [Smoothed TC Combined] - Velocity Profile Plot



Process	20210426_220319_26	by Unknown	on 5/3/2021	at 11:14:53
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Figure 14: 20210426_220319_26 [Smoothed TC Combined] - Body Frame Velocity Plot



Process	20210426_220319_26	by Unknown	on 5/3/2021	at 11:14:53
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Figure 15: 20210426_220319_26 [Smoothed TC Combined] - Height Profile Plot

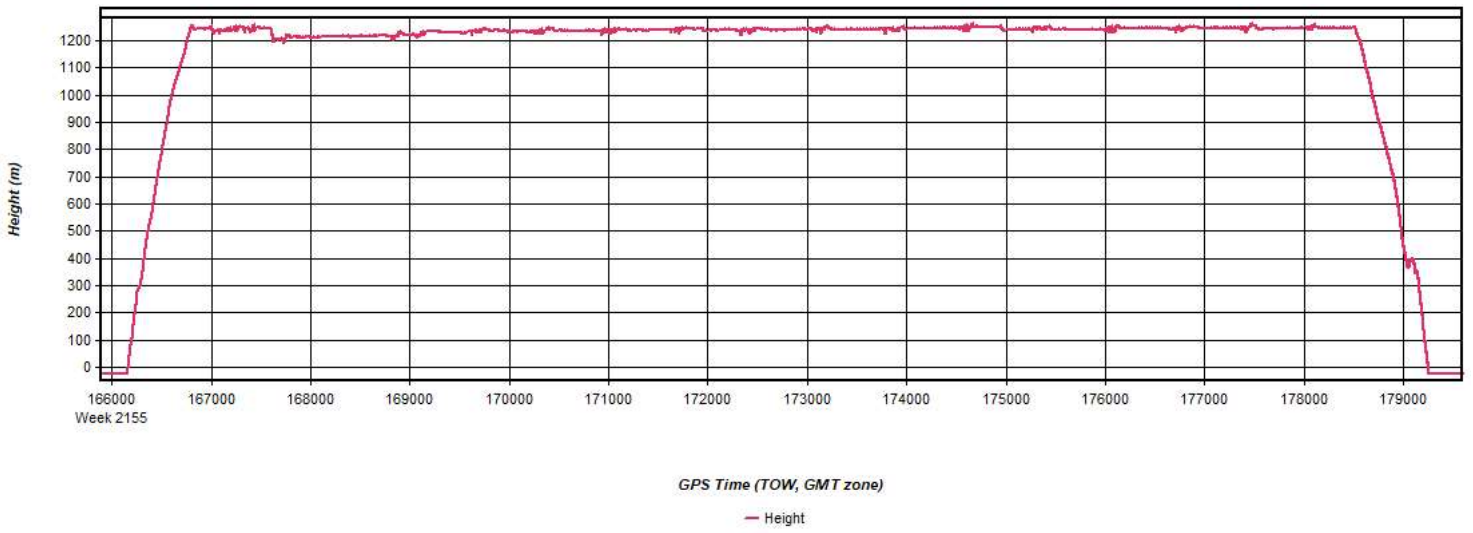


Figure 16: 20210426_220319_26 [Smoothed TC Combined] - C/A Code Residual RMS Plot

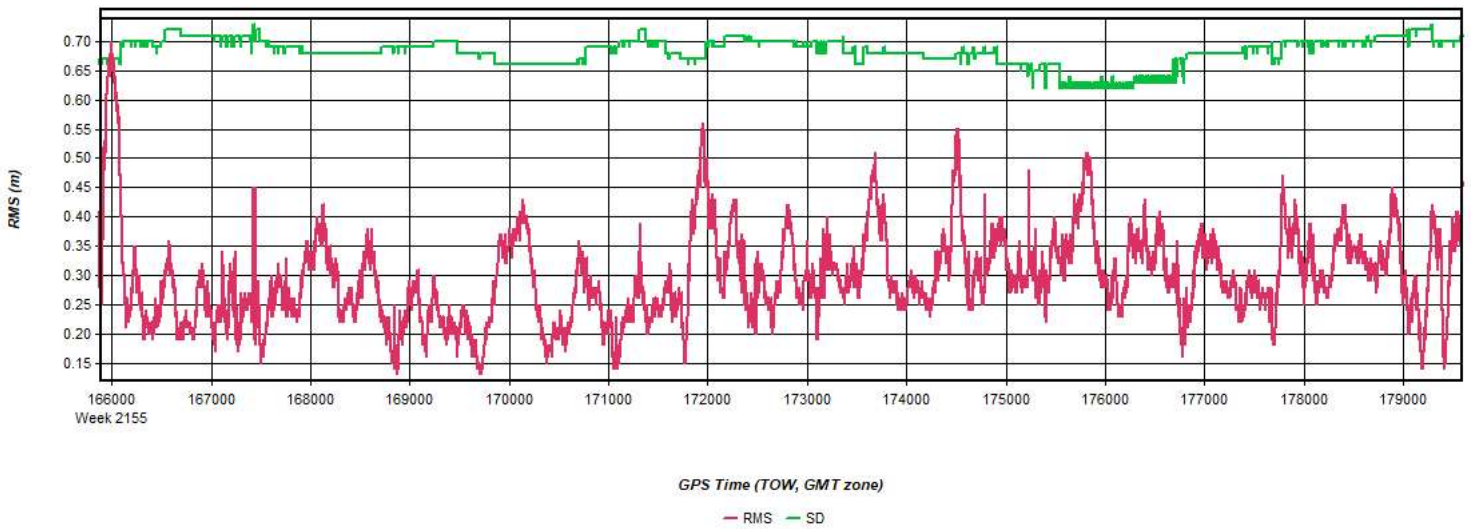
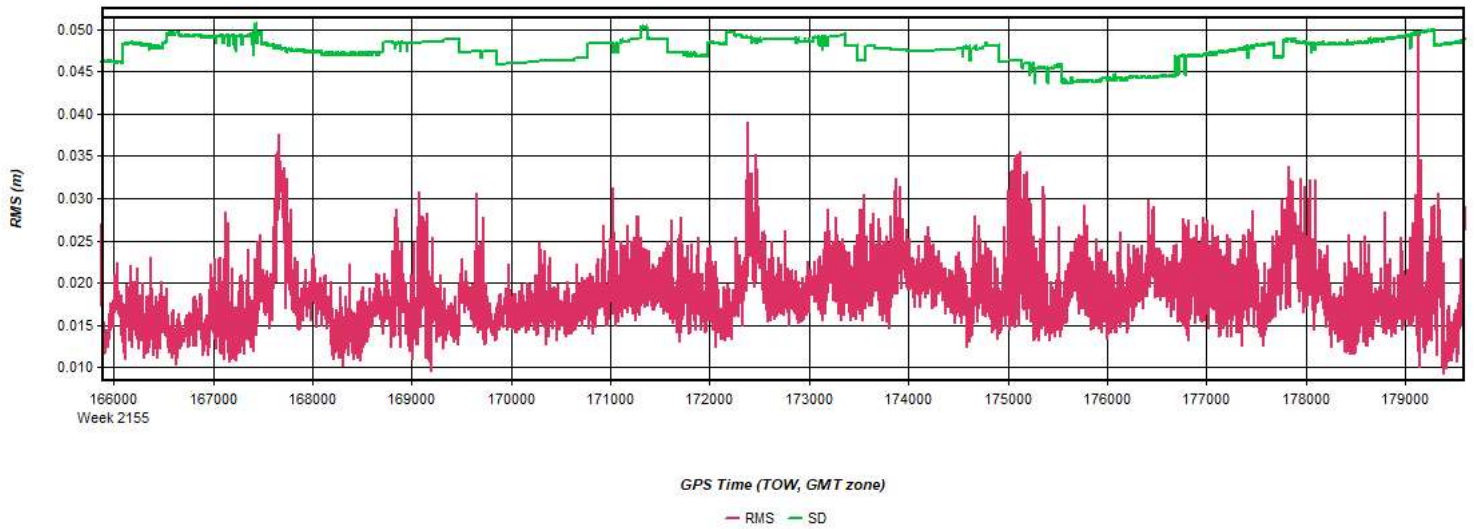
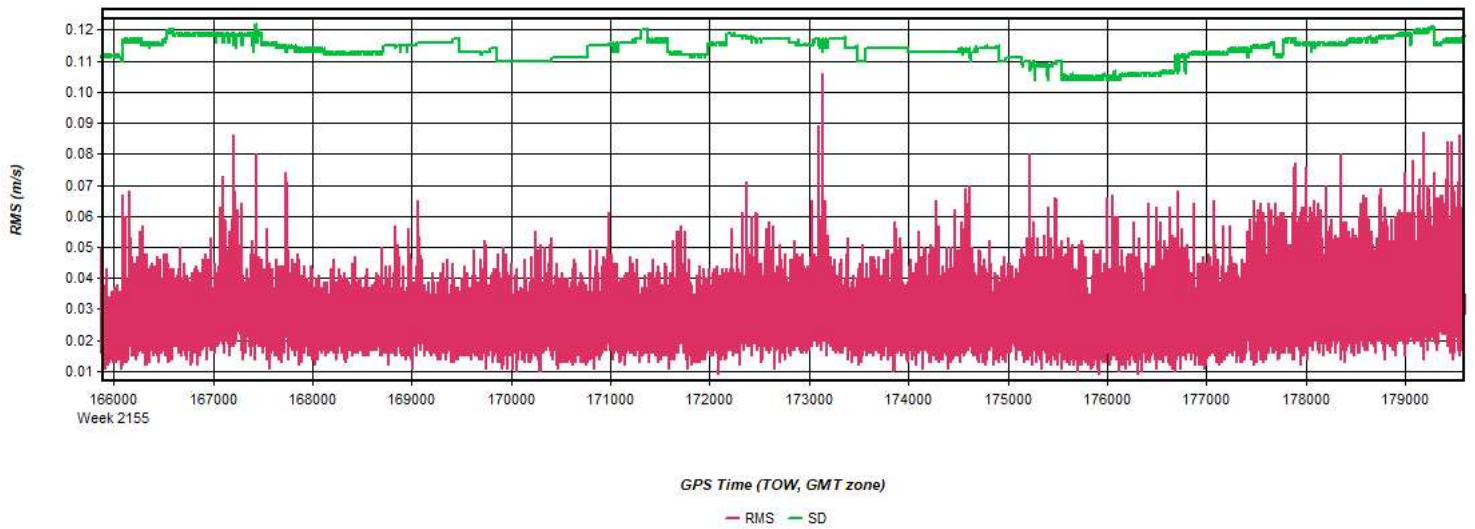


Figure 17: 20210426_220319_26 [Smoothed TC Combined] - Carrier Residual RMS Plot



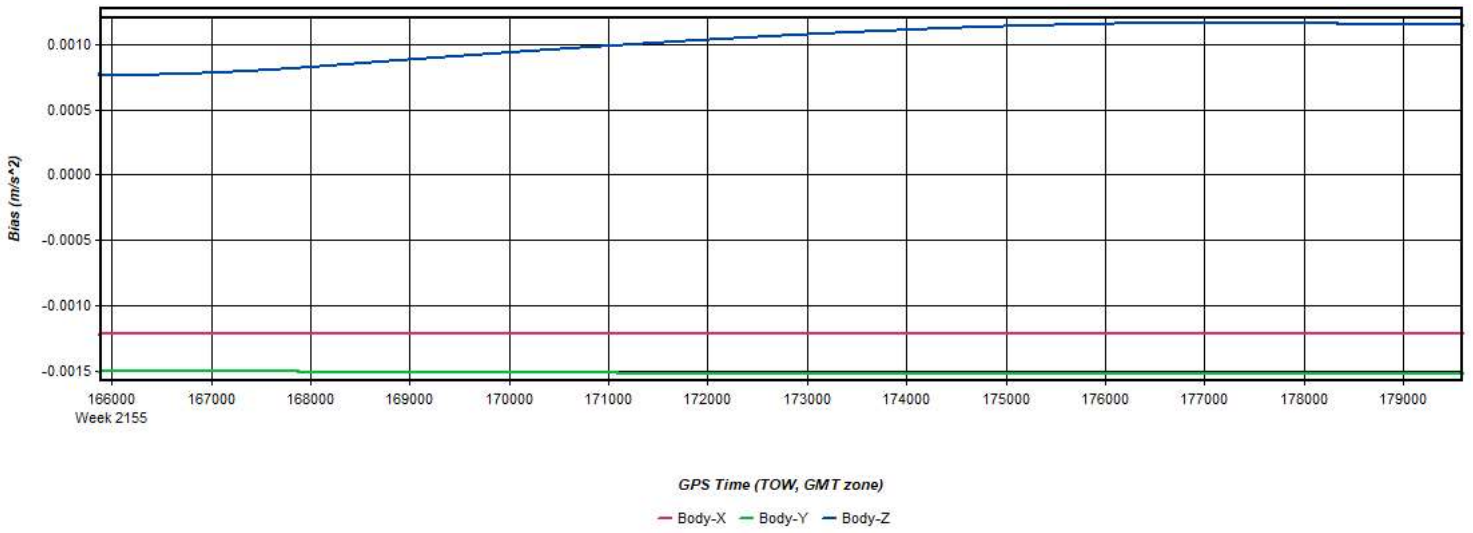
Process	20210426_220319_26	by Unknown	on 5/3/2021	at 11:14:53
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Figure 18: 20210426_220319_26 [Smoothed TC Combined] - L1 Doppler Residual RMS Plot



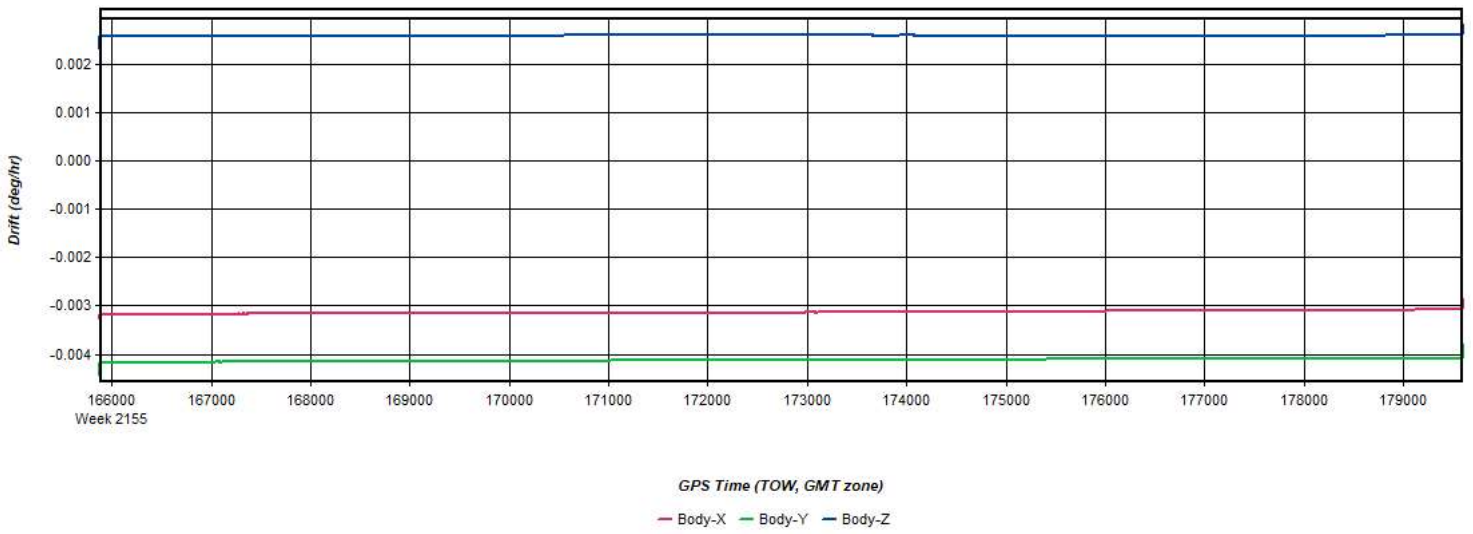
Process	20210426_220319_26	by Unknown	on 5/3/2021	at 11:14:53
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Figure 19: 20210426_220319_26 [Smoothed TC Combined] - Accelerometer Bias Plot



Process	20210426_220319_26	by Unknown	on 5/3/2021	at 11:14:53
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Figure 20: 20210426_220319_26 [Smoothed TC Combined] - Gyro Drift Plot

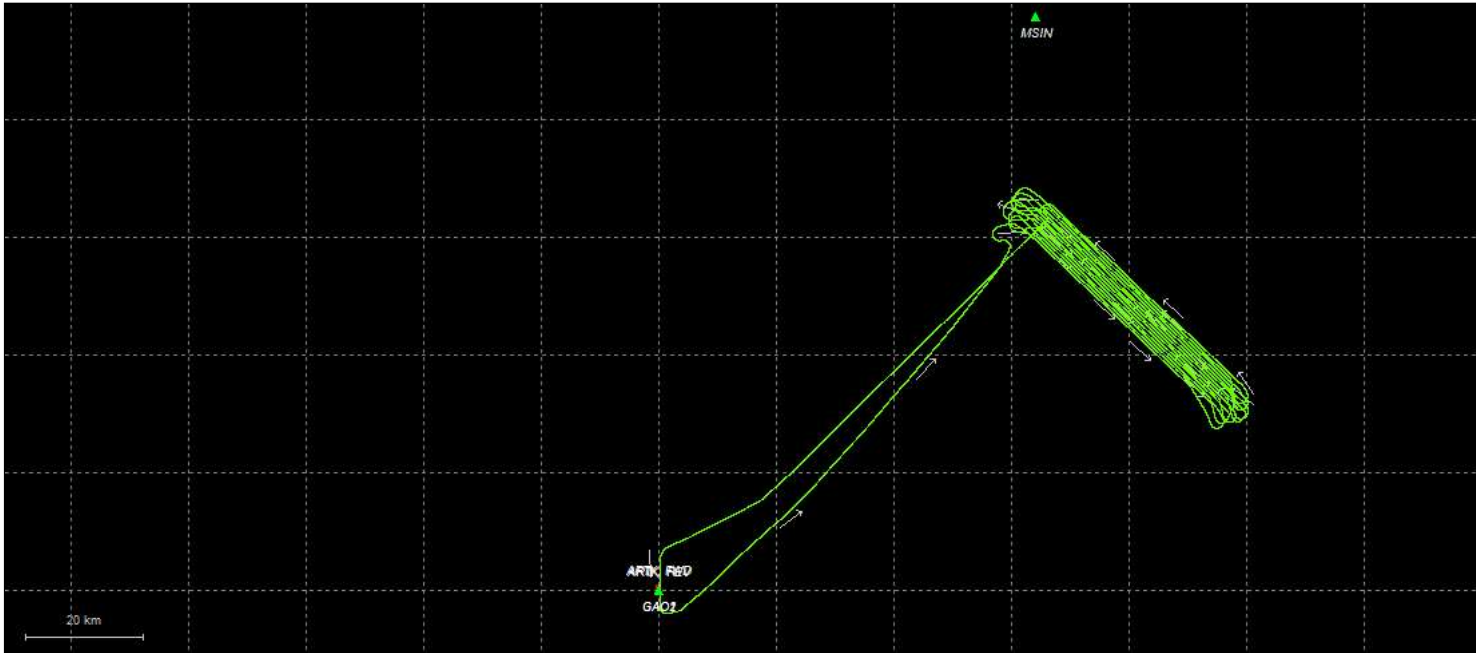


Process	20210426_220319_26	by Unknown	on 5/3/2021	at 11:14:53
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Output Results for 20210427_022052_27

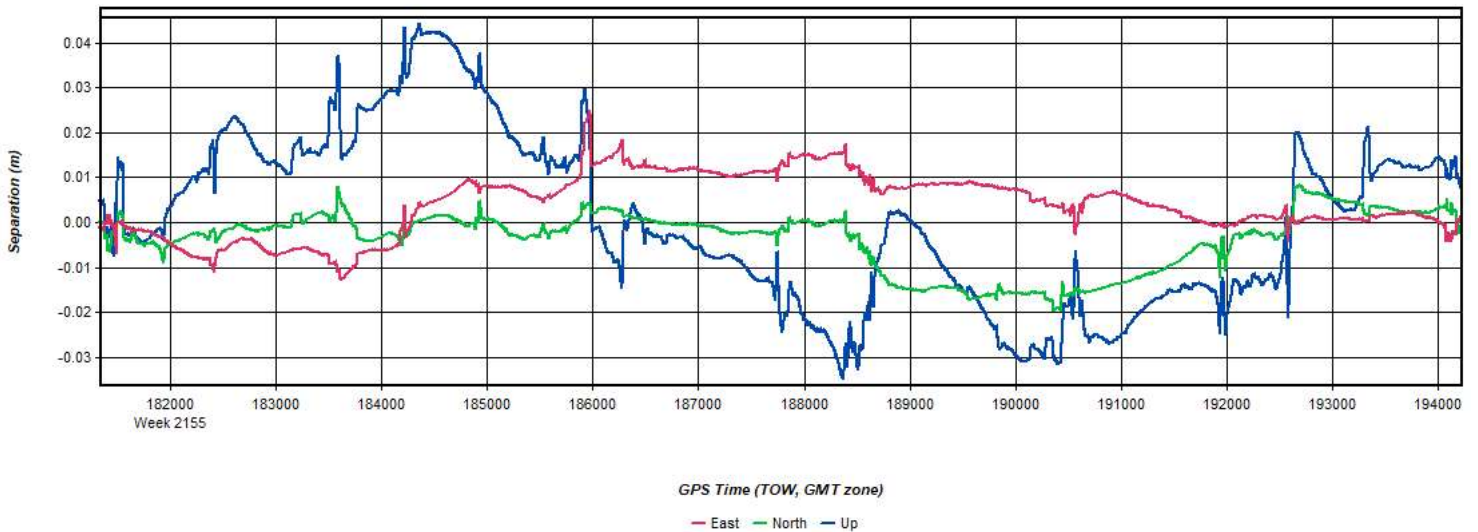
Inertial Explorer Version 8.90.2124
05/03/2021

Figure 1: Smoothed TC Combined - Map



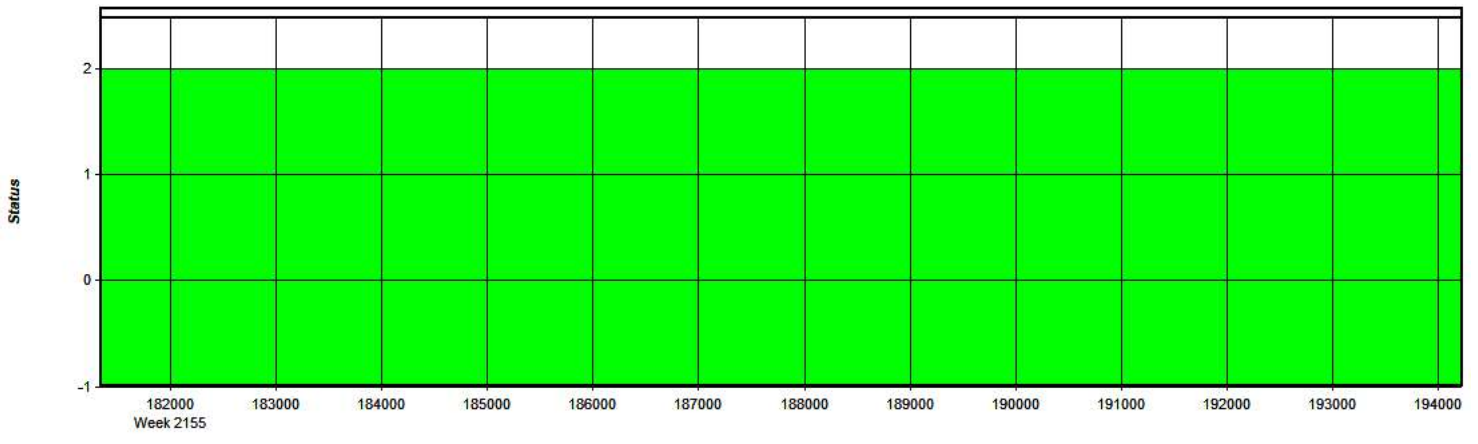
Process	20210427_022052_27	by Unknown	on 5/3/2021	at 12:23:42
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Figure 2: 20210427_022052_27 [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot



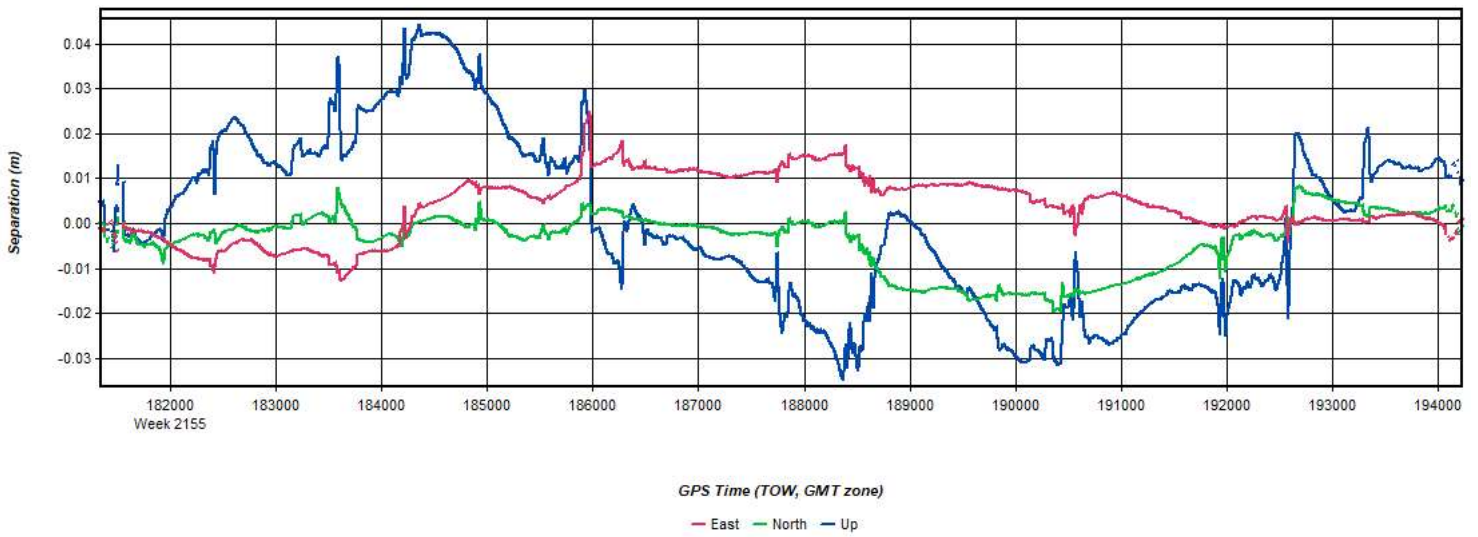
Process	20210427_022052_27	by Unknown	on 5/3/2021	at 12:23:42
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Figure 3: 20210427_022052_27 [Smoothed TC Combined] - Float or Fixed Ambiguity



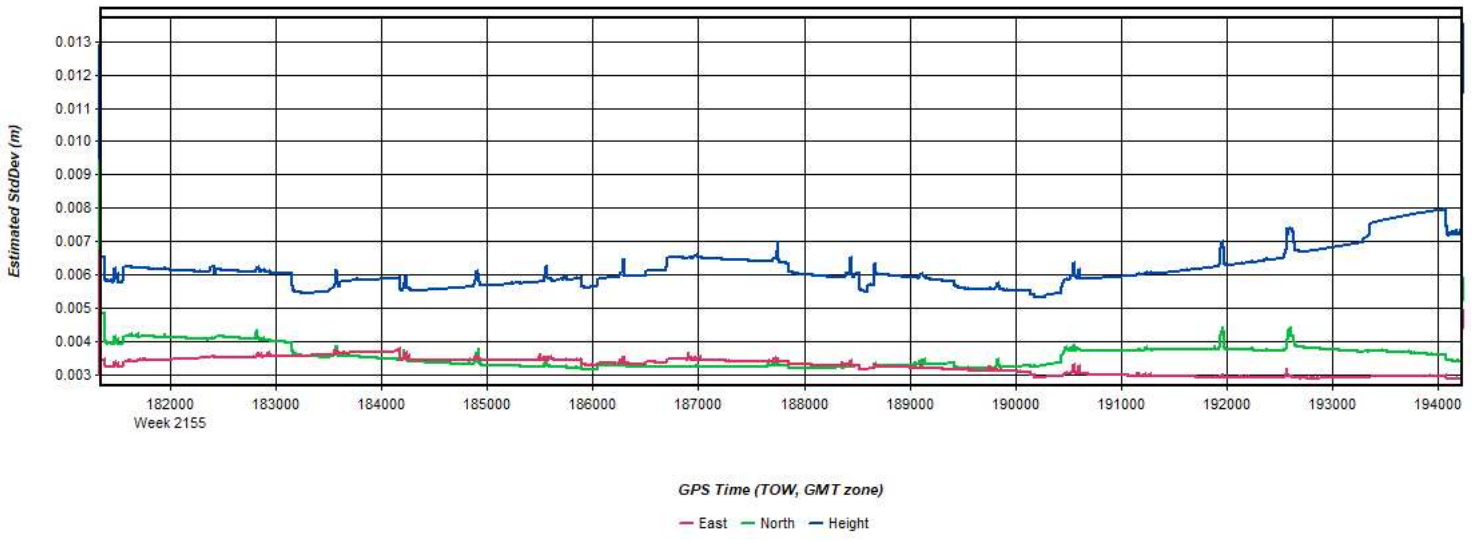
Process	20210427_022052_27	by Unknown	on 5/3/2021	at 12:23:42
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Figure 4: 20210427_022052_27 [Smoothed TC Combined] - Forward/Reverse Separation Plot (Fixed)



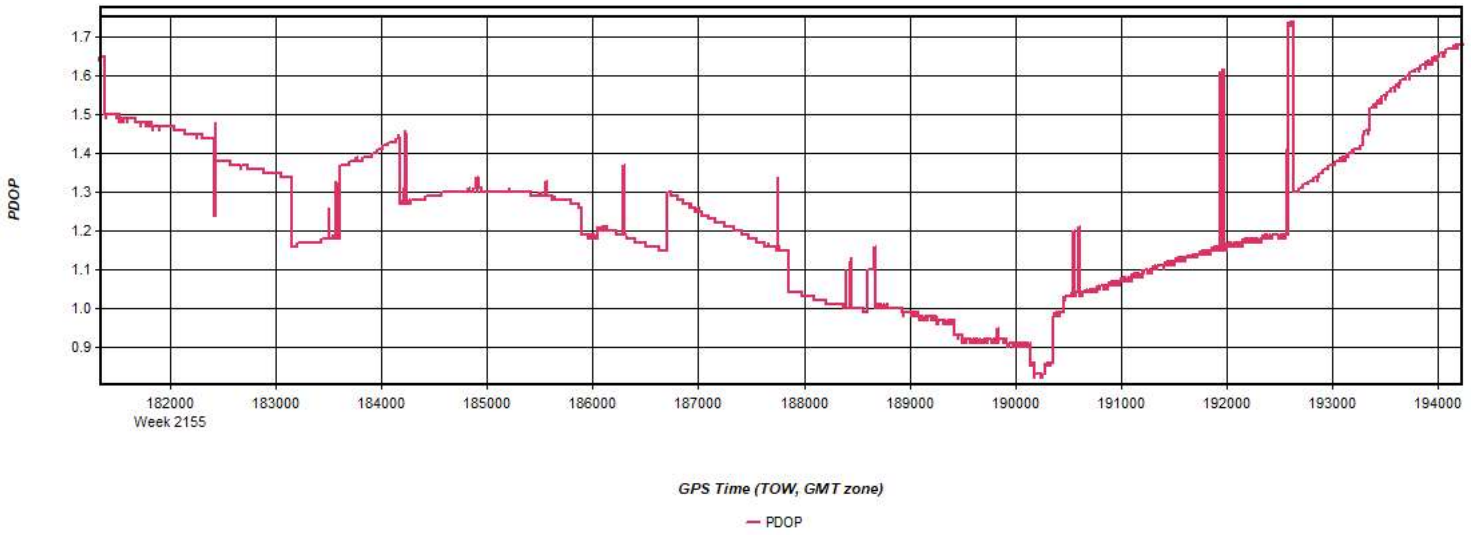
Process	20210427_022052_27	by Unknown	on 5/3/2021	at 12:23:42
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Figure 5: 20210427_022052_27 [Smoothed TC Combined] - Estimated Position Accuracy Plot



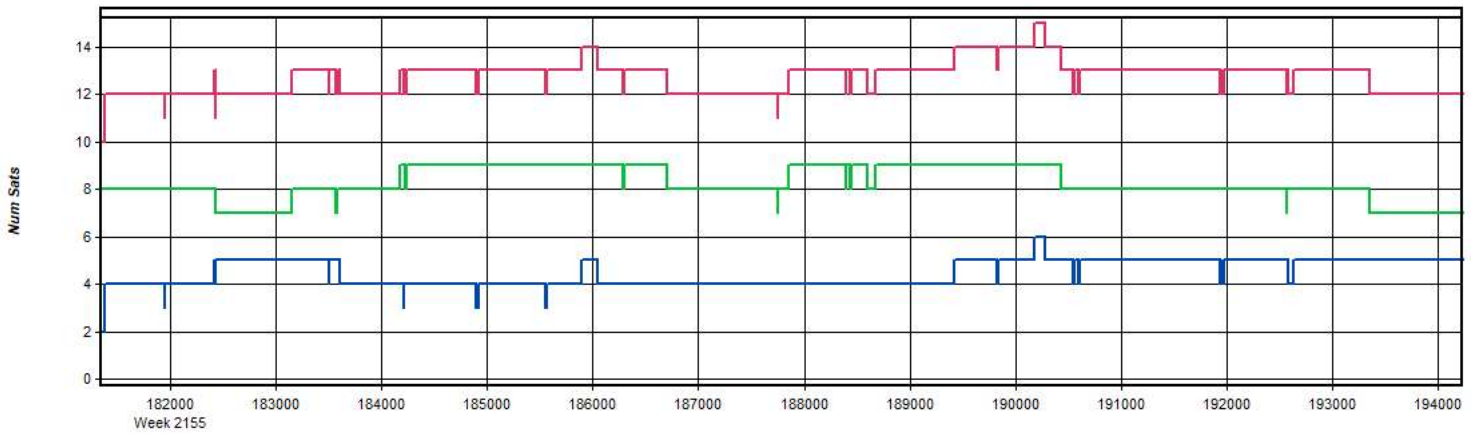
Process	20210427_022052_27	by Unknown	on 5/3/2021	at 12:23:42
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Figure 6: 20210427_022052_27 [Smoothed TC Combined] - PDOP Plot



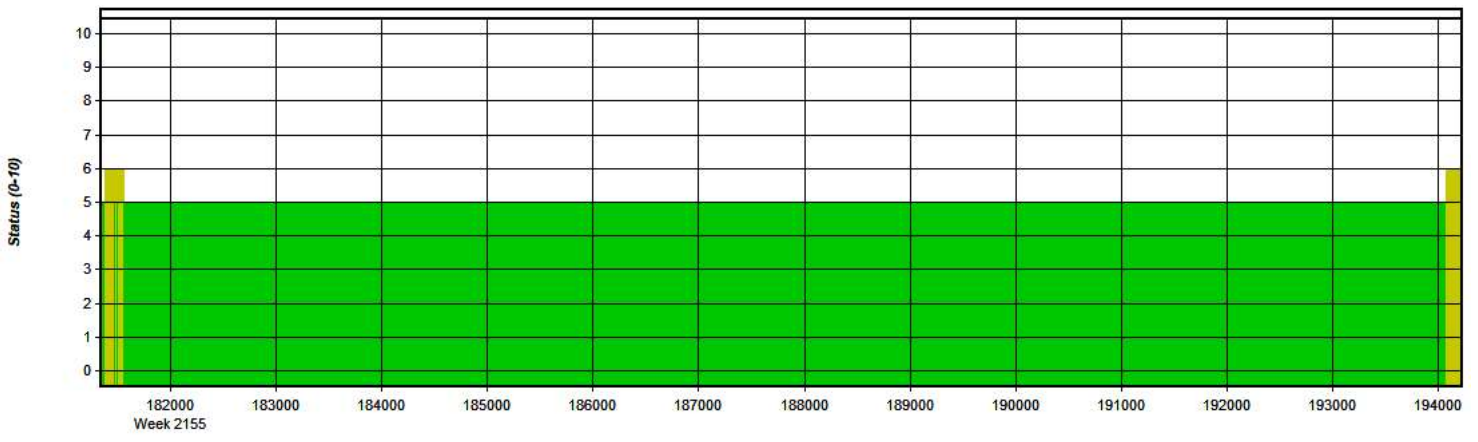
Process	20210427_022052_27	by Unknown	on 5/3/2021	at 12:23:42
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Figure 7: 20210427_022052_27 [Smoothed TC Combined] - Number of Satellites Line Plot



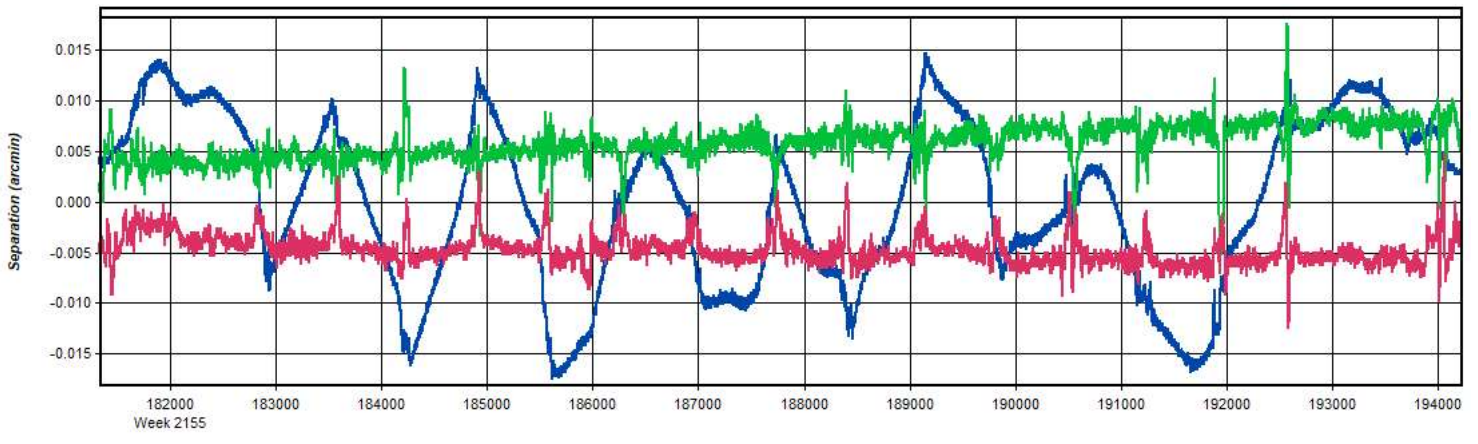
Process	20210427_022052_27	by Unknown	on 5/3/2021	at 12:23:42
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Figure 8: 20210427_022052_27 [Smoothed TC Combined] - Status flag for IMU processing



Process	20210427_022052_27	by Unknown	on 5/3/2021	at 12:23:42
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Figure 9: 20210427_022052_27 [Smoothed TC Combined] - Fwd/Rev Attitude Separation Plot

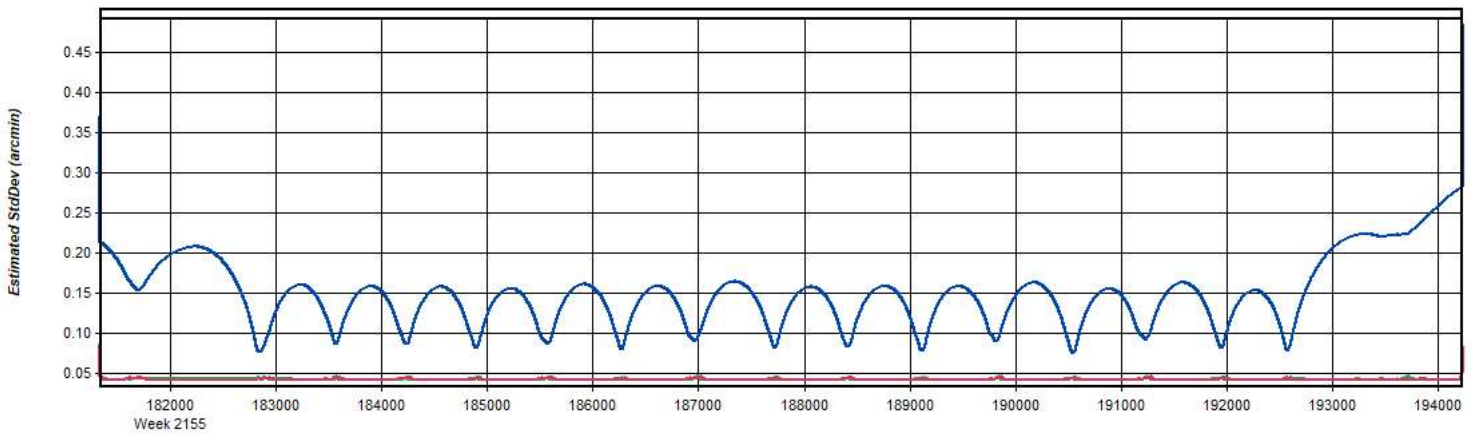


GPS Time (TOW, GMT zone)

— Roll — Pitch — Heading/Az

Process	20210427_022052_27	by Unknown	on 5/3/2021	at 12:23:42
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Figure 10: 20210427_022052_27 [Smoothed TC Combined] - Estimated Attitude Accuracy Plot

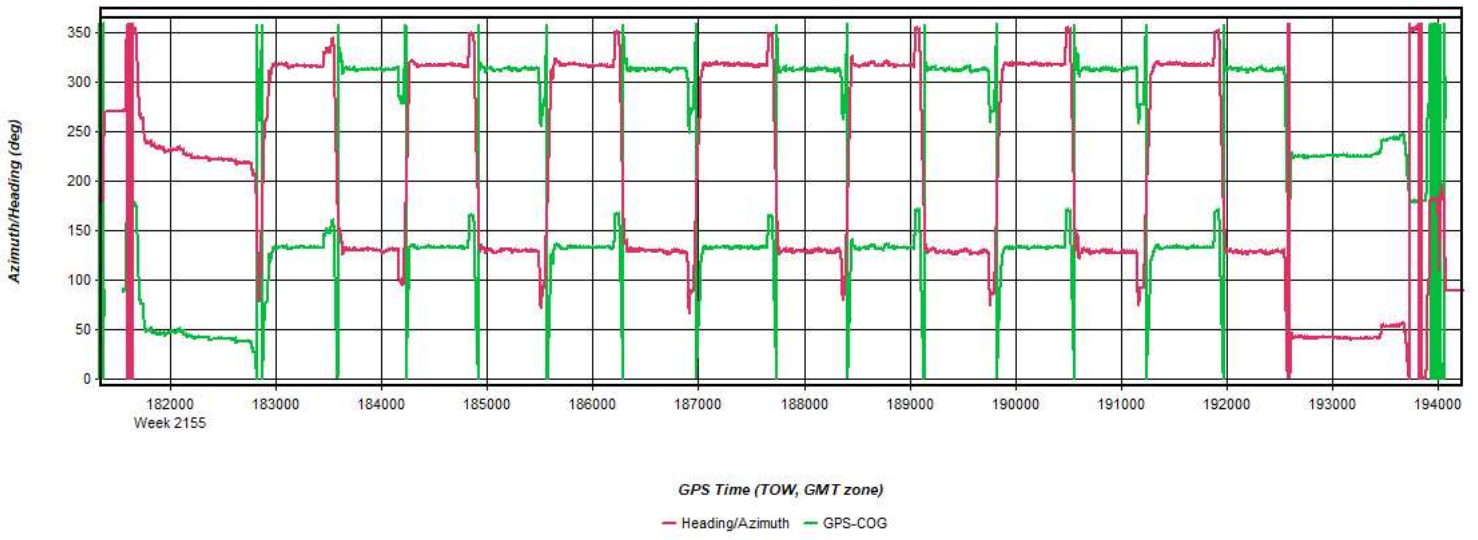


GPS Time (TOW, GMT zone)

— Roll — Pitch — Heading/Az

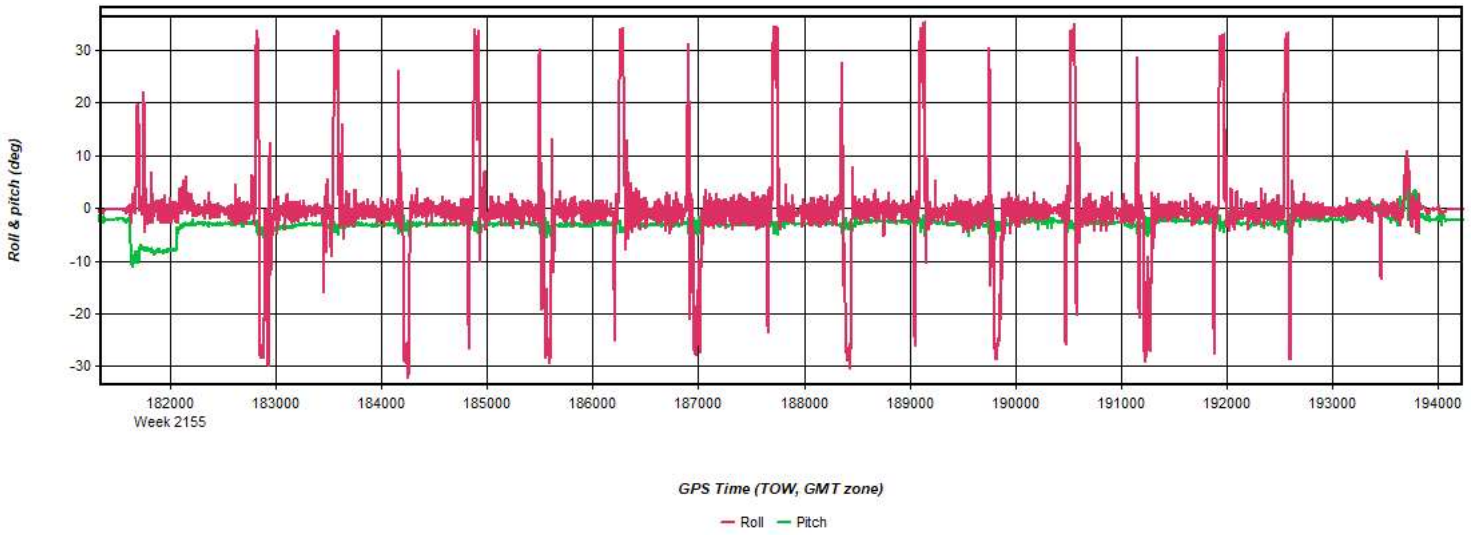
Process	20210427_022052_27	by Unknown	on 5/3/2021	at 12:23:42
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Figure 11: 20210427_022052_27 [Smoothed TC Combined] - Azimuth Plot



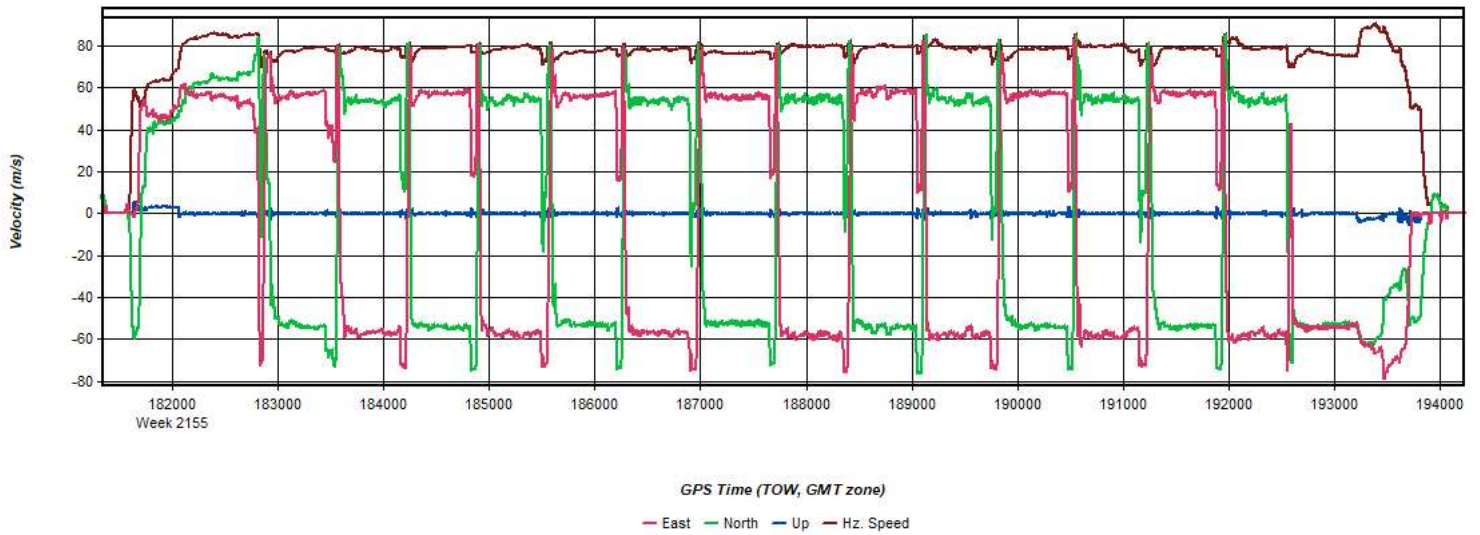
Process	20210427_022052_27	by Unknown	on 5/3/2021	at 12:23:42
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Figure 12: 20210427_022052_27 [Smoothed TC Combined] - Roll & Pitch Plot



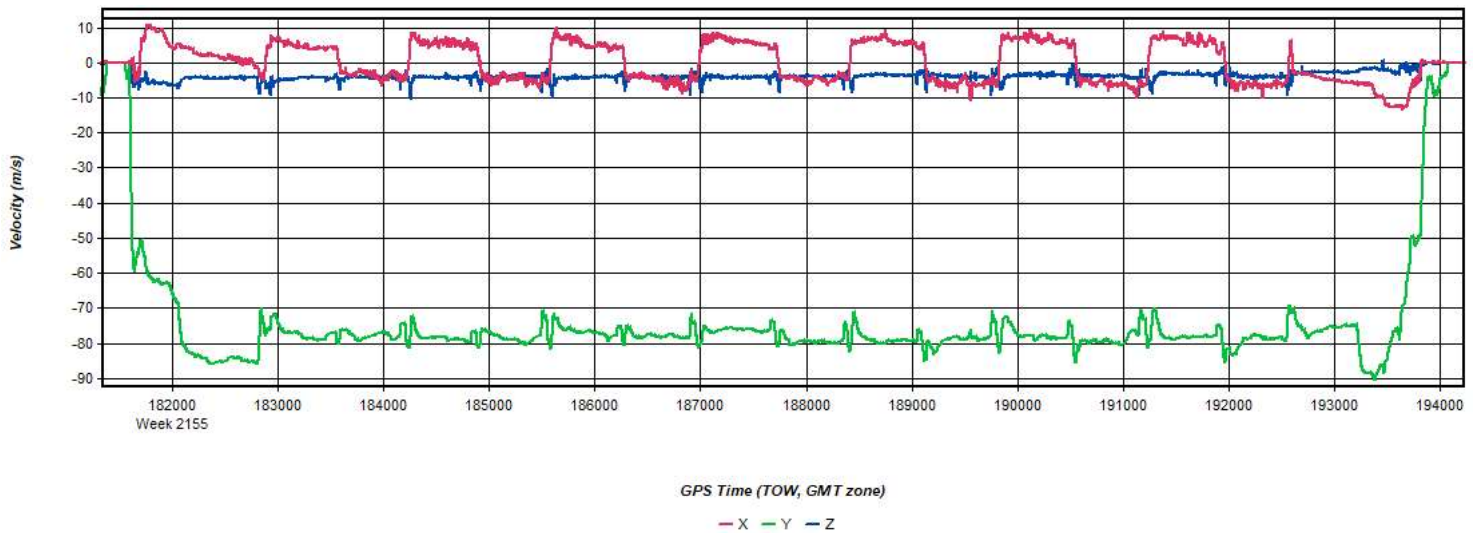
Process	20210427_022052_27	by Unknown	on 5/3/2021	at 12:23:42
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Figure 13: 20210427_022052_27 [Smoothed TC Combined] - Velocity Profile Plot



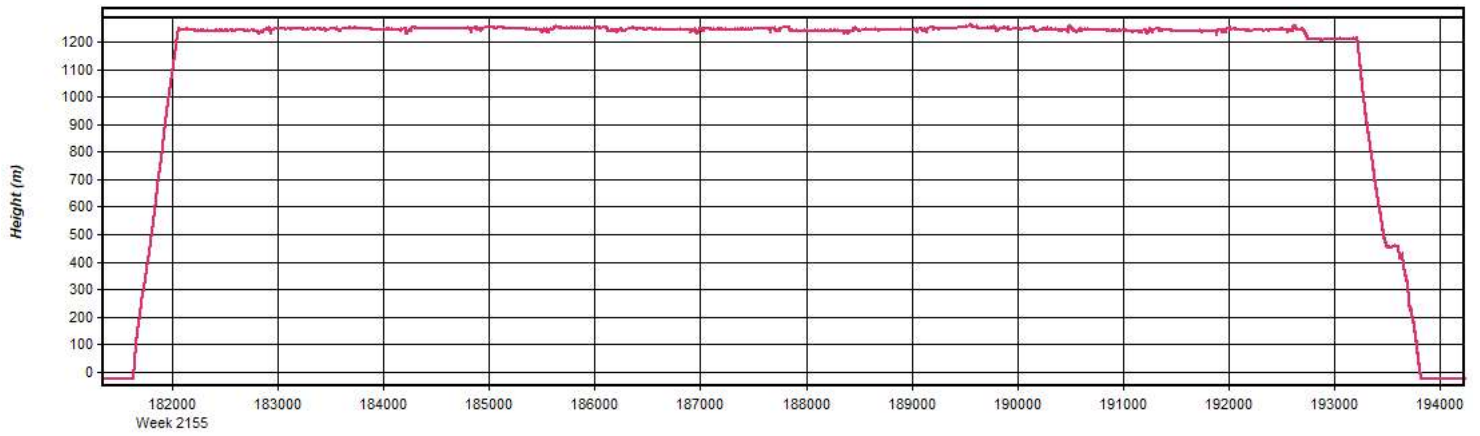
Process	20210427_022052_27	by Unknown	on 5/3/2021	at 12:23:42
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Figure 14: 20210427_022052_27 [Smoothed TC Combined] - Body Frame Velocity Plot



Process	20210427_022052_27	by Unknown	on 5/3/2021	at 12:23:42
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Figure 15: 20210427_022052_27 [Smoothed TC Combined] - Height Profile Plot

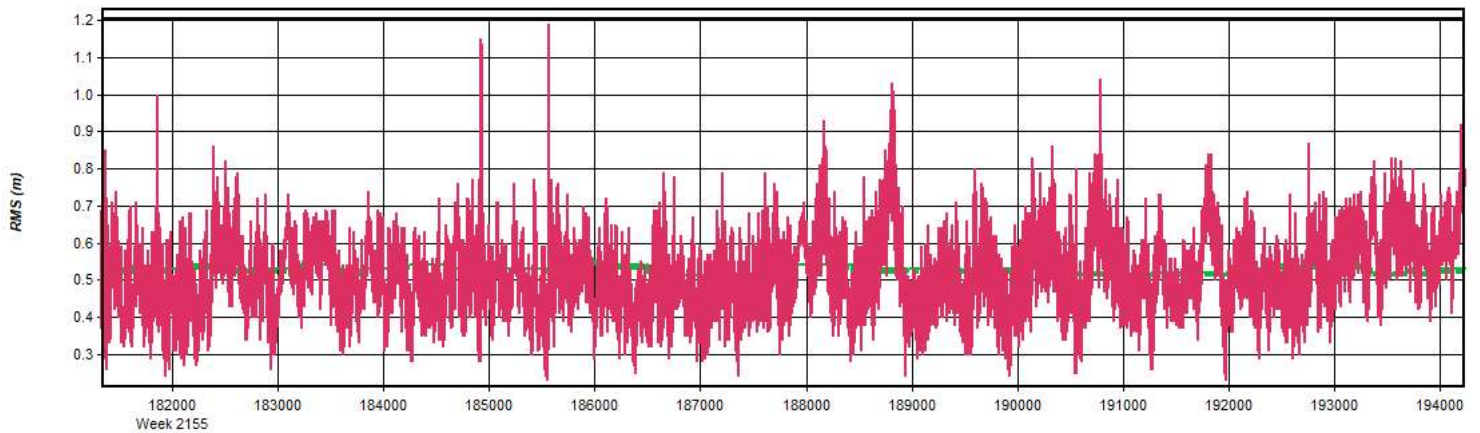


GPS Time (TOW, GMT zone)

— Height

Process	20210427_022052_27	by Unknown	on 5/3/2021	at 12:23:42
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Figure 16: 20210427_022052_27 [Smoothed TC Combined] - C/A Code Residual RMS Plot

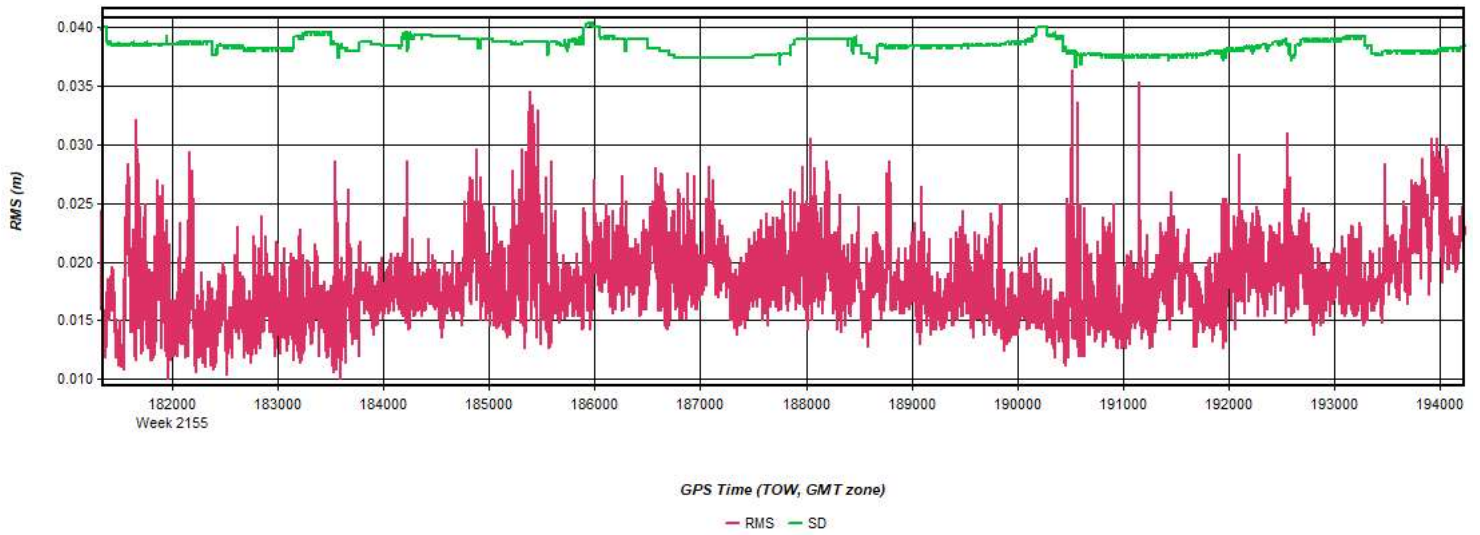


GPS Time (TOW, GMT zone)

— RMS — SD

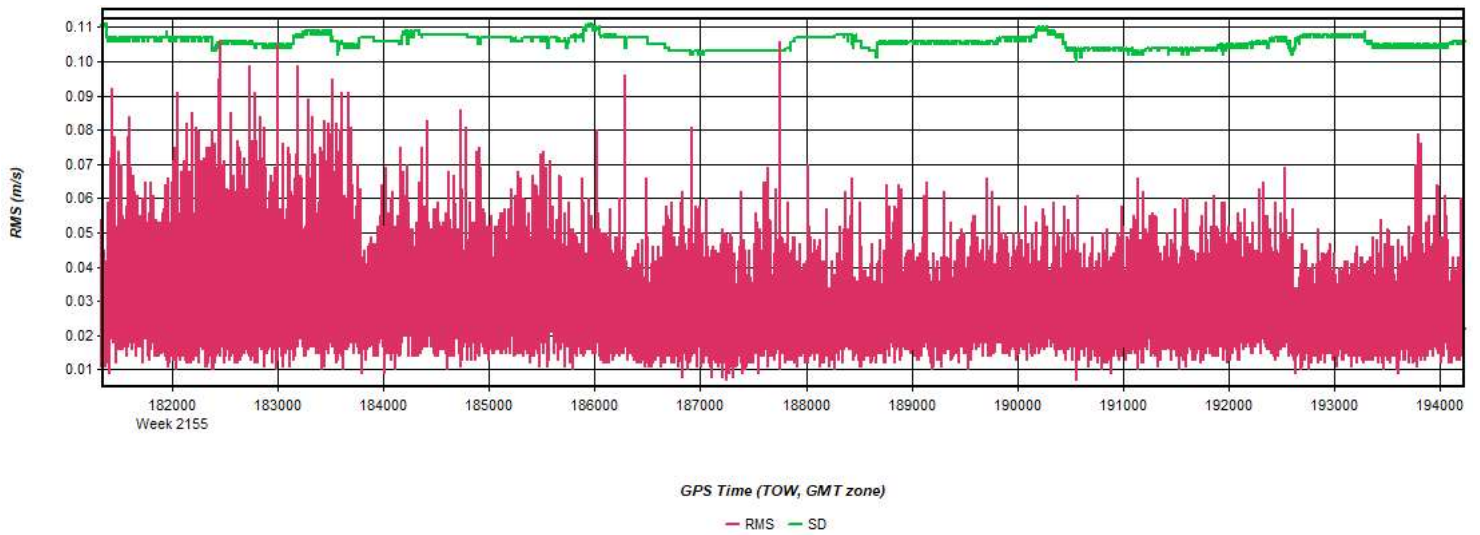
Process	20210427_022052_27	by Unknown	on 5/3/2021	at 12:23:42
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Figure 17: 20210427_022052_27 [Smoothed TC Combined] - Carrier Residual RMS Plot



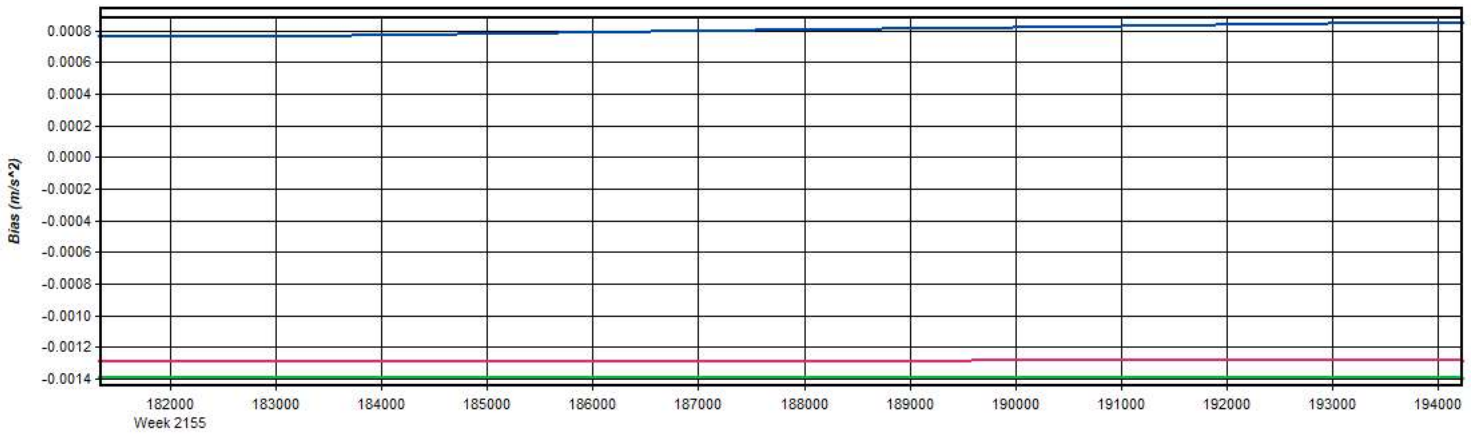
Process	20210427_022052_27	by Unknown	on 5/3/2021	at 12:23:42
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Figure 18: 20210427_022052_27 [Smoothed TC Combined] - L1 Doppler Residual RMS Plot



Process	20210427_022052_27	by Unknown	on 5/3/2021	at 12:23:42
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Figure 19: 20210427_022052_27 [Smoothed TC Combined] - Accelerometer Bias Plot

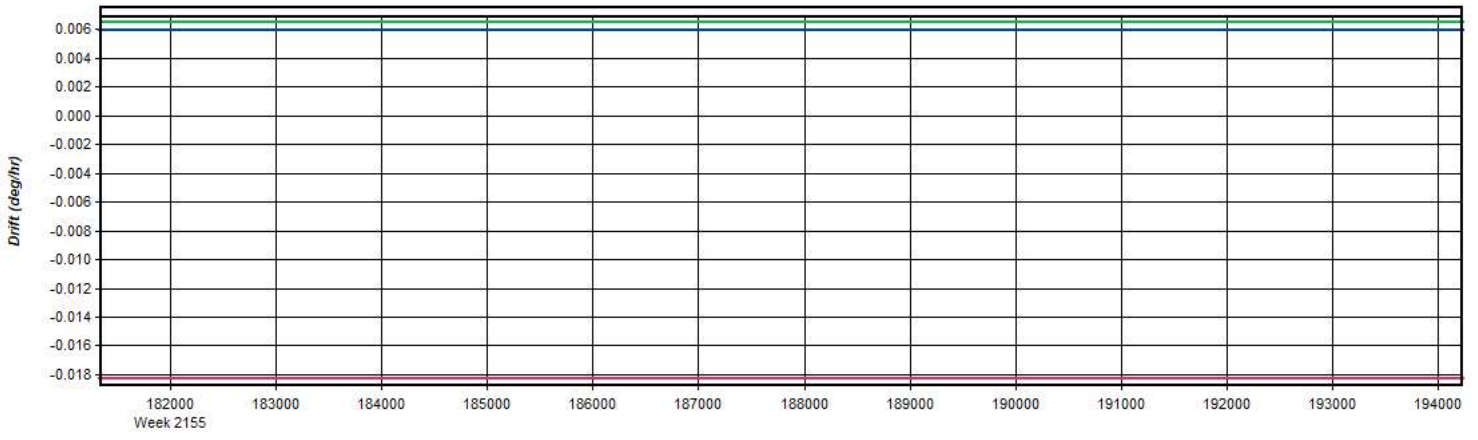


GPS Time (TOW, GMT zone)

— Body-X — Body-Y — Body-Z

Process	20210427_022052_27	by Unknown	on 5/3/2021	at 12:23:42
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Figure 20: 20210427_022052_27 [Smoothed TC Combined] - Gyro Drift Plot



GPS Time (TOW, GMT zone)

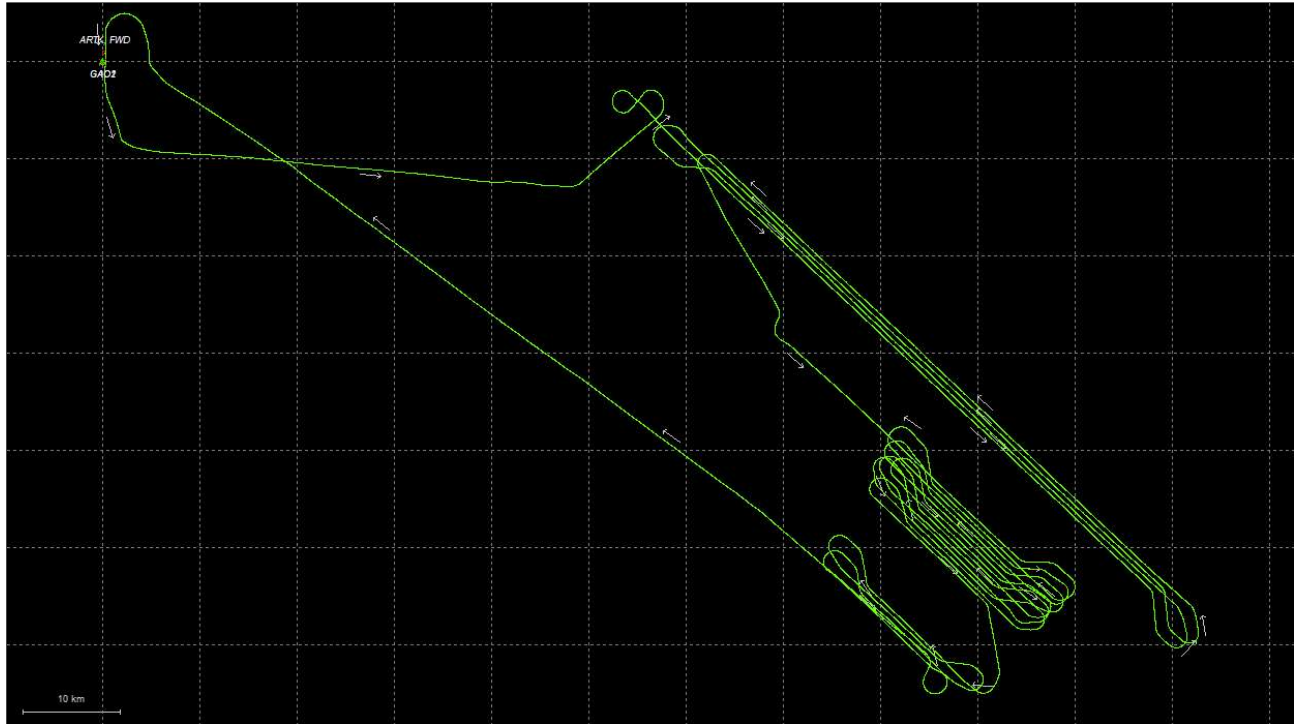
— Body-X — Body-Y — Body-Z

Process	20210427_022052_27	by Unknown	on 5/3/2021	at 12:23:42
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Output Results for 20210428_234357_28

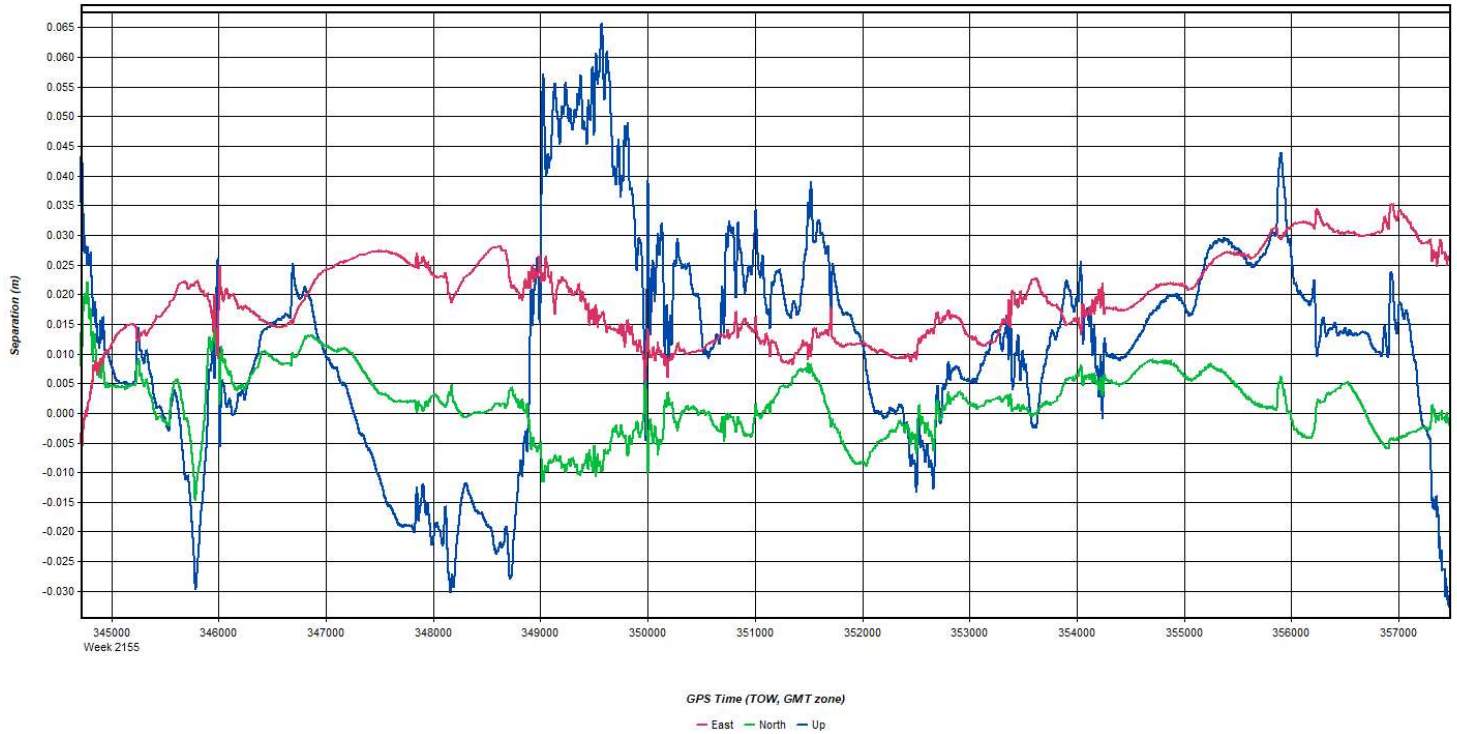
Inertial Explorer Version 8.90.2124
05/03/2021

Figure 1: Smoothed TC Combined - Map



Process	20210428_234357_28	by Unknown	on 5/3/2021	at 12:11:17
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Figure 2: 20210428_234357_28 [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot



Process	20210428_234357_28	by Unknown	on 5/3/2021	at 12:11:17
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Figure 3: 20210428_234357_28 [Smoothed TC Combined] - Float or Fixed Ambiguity

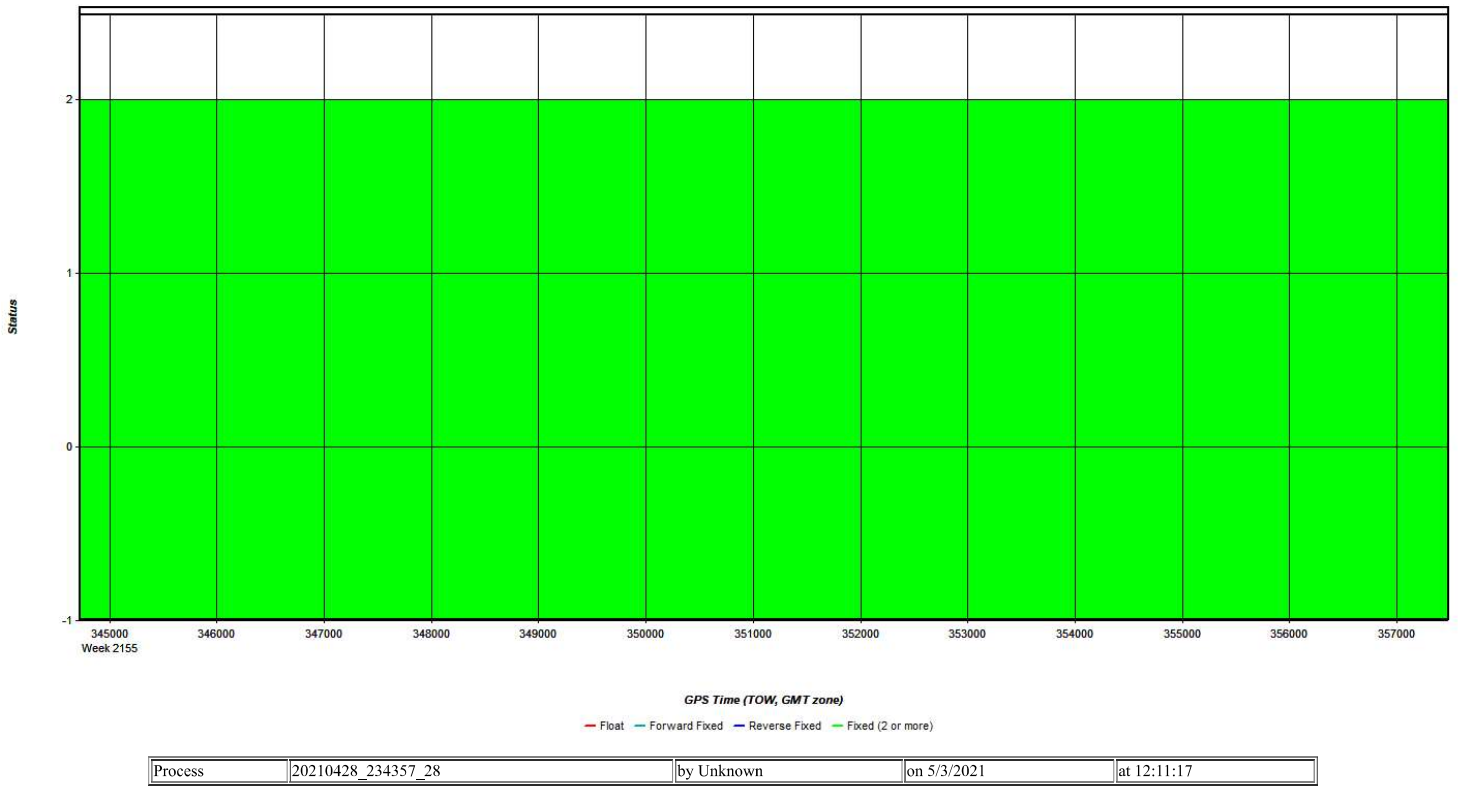


Figure 4: 20210428_234357_28 [Smoothed TC Combined] - Forward/Reverse Separation Plot (Fixed)

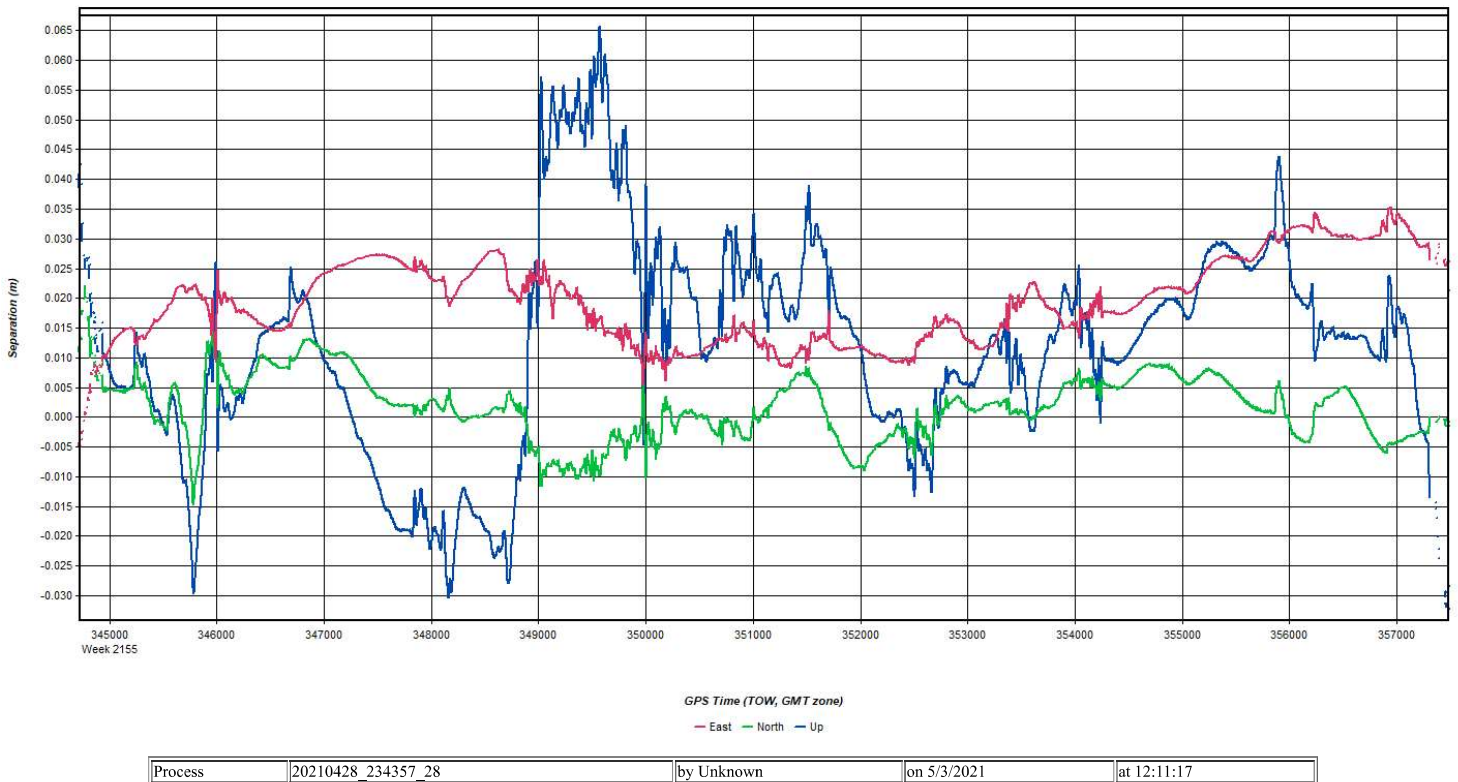
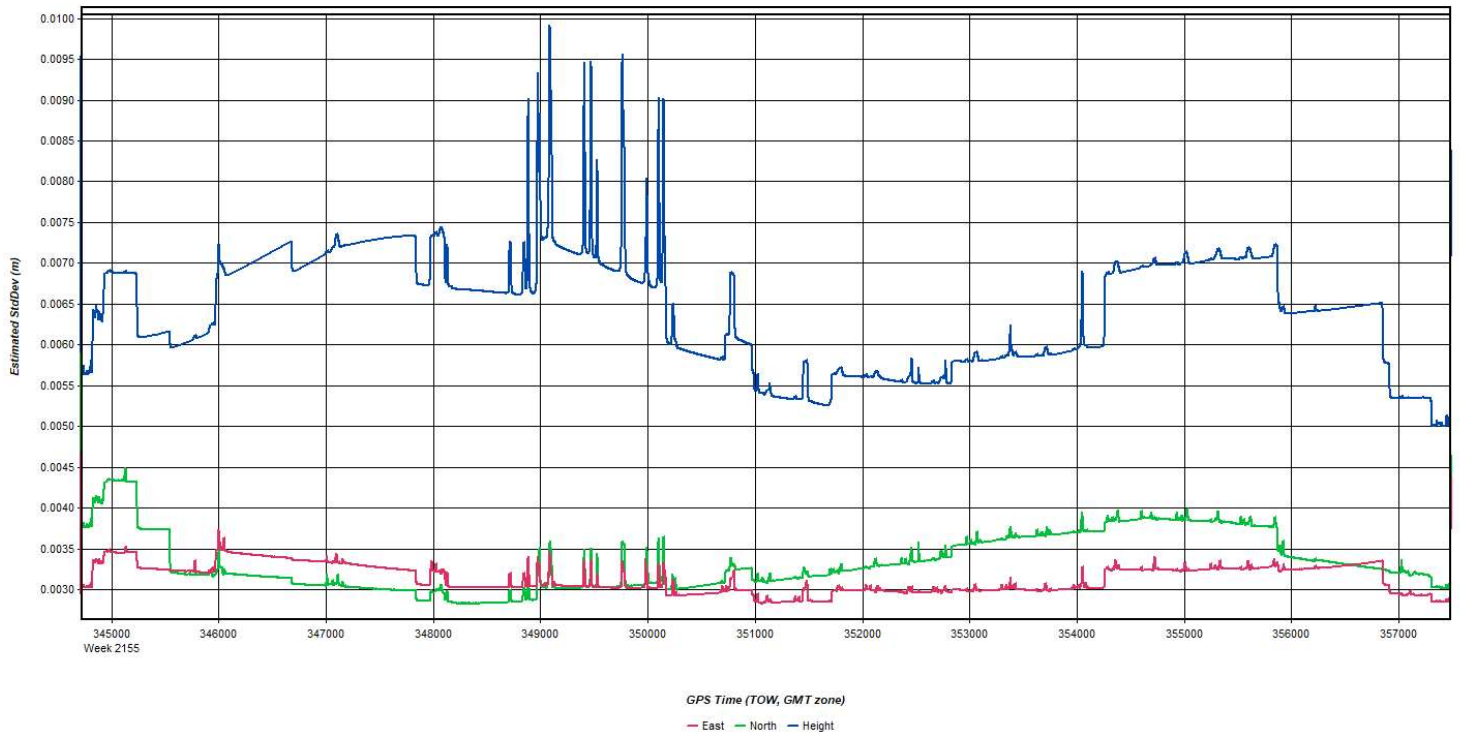
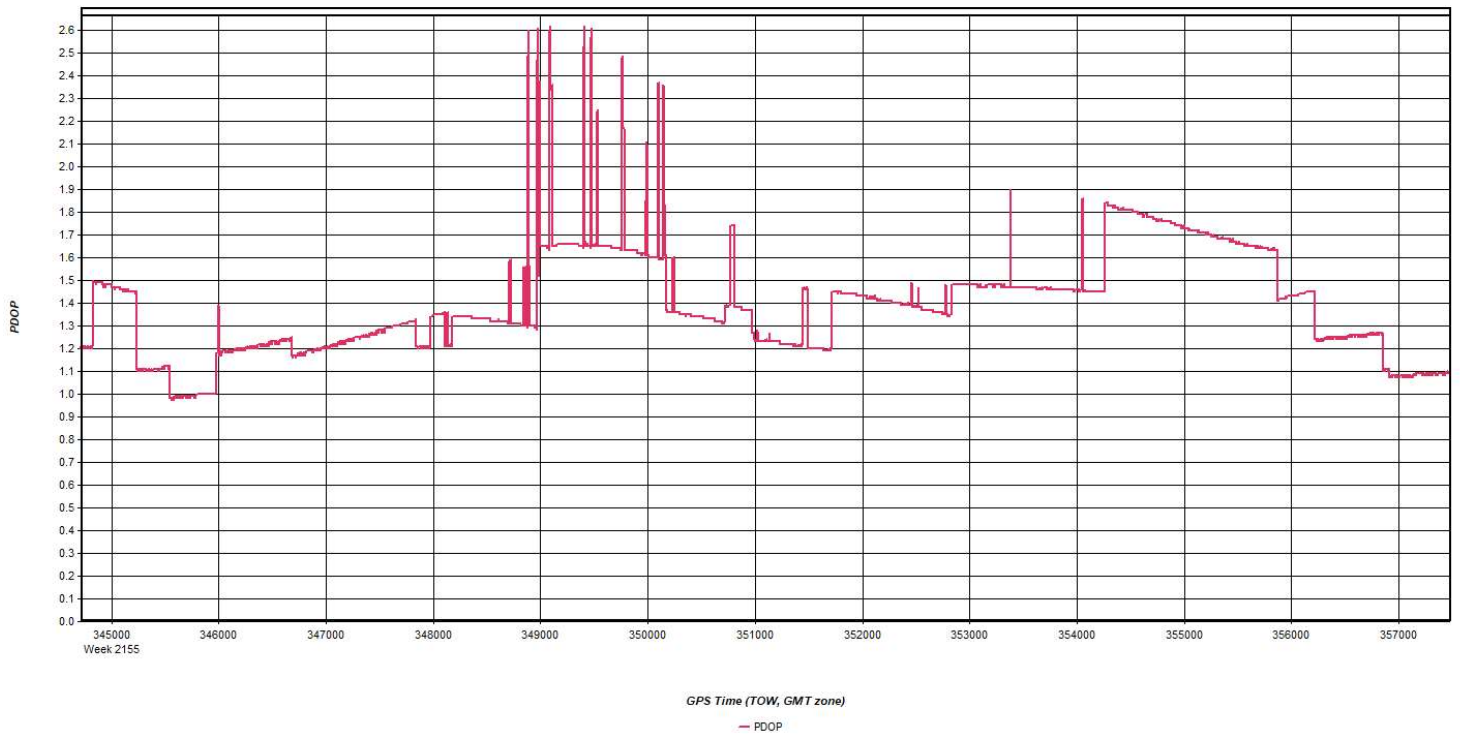


Figure 5: 20210428_234357_28 [Smoothed TC Combined] - Estimated Position Accuracy Plot



Process	20210428_234357_28	by Unknown	on 5/3/2021	at 12:11:17
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Figure 6: 20210428_234357_28 [Smoothed TC Combined] - PDOP Plot



Process	20210428_234357_28	by Unknown	on 5/3/2021	at 12:11:17
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Figure 7: 20210428_234357_28 [Smoothed TC Combined] - Number of Satellites Line Plot

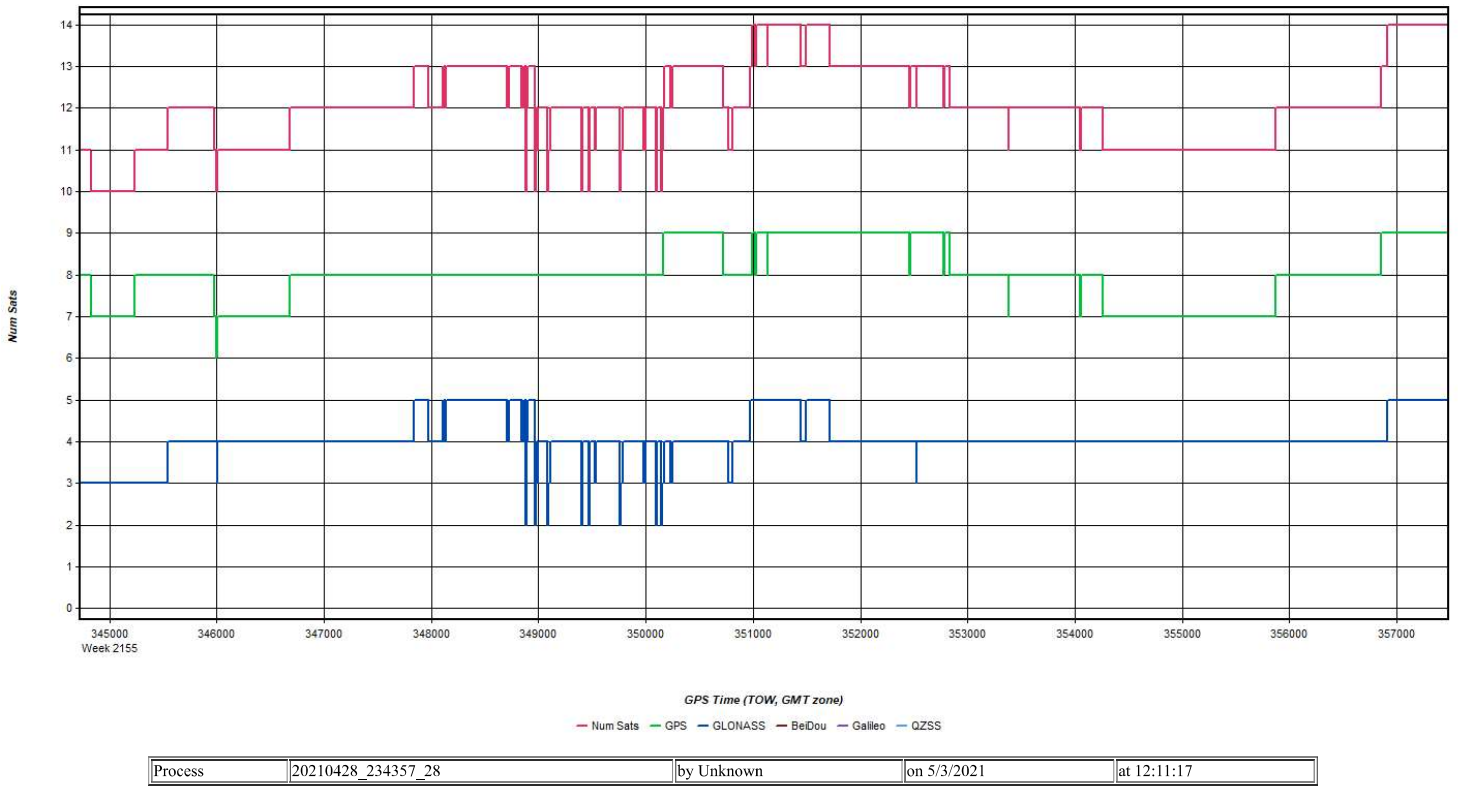


Figure 8: 20210428_234357_28 [Smoothed TC Combined] - Status flag for IMU processing

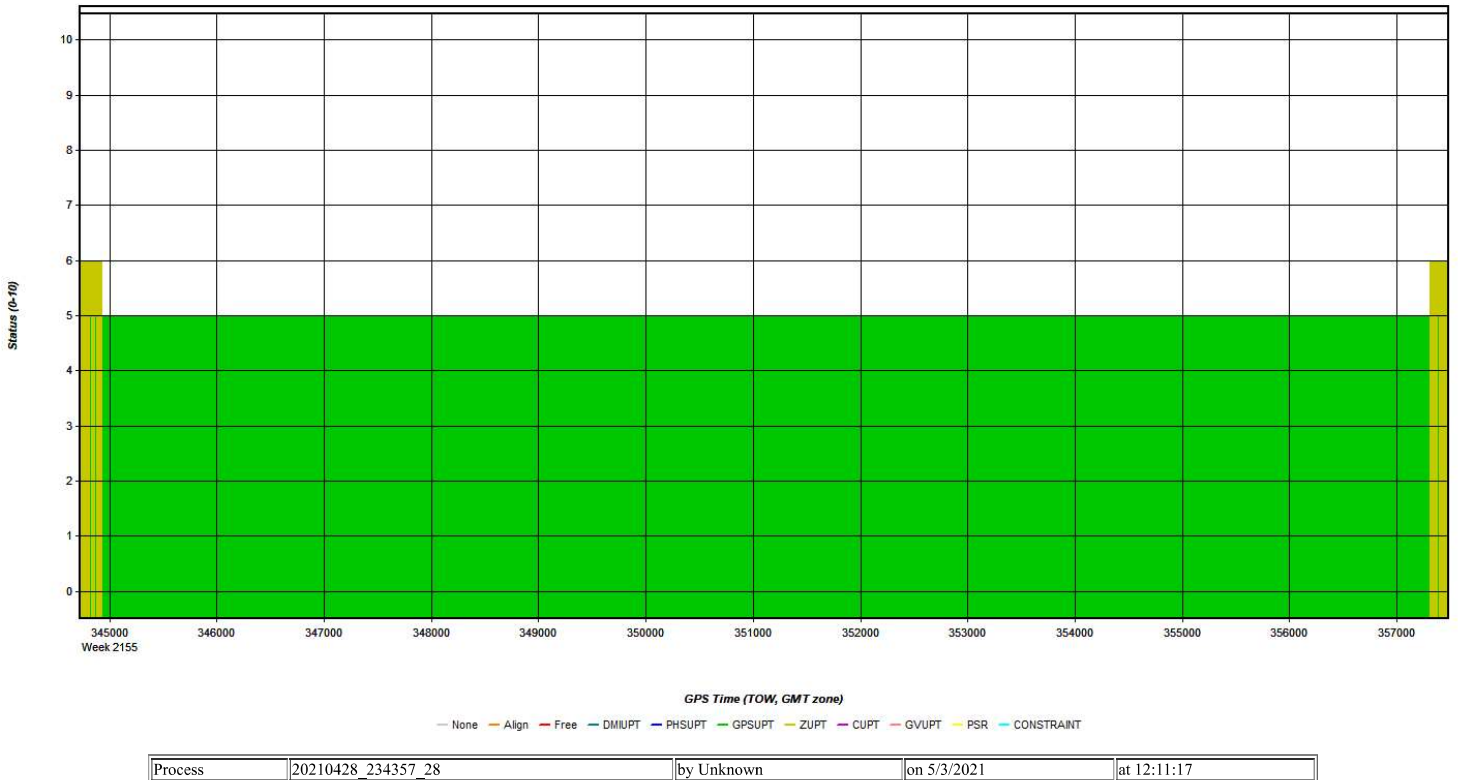
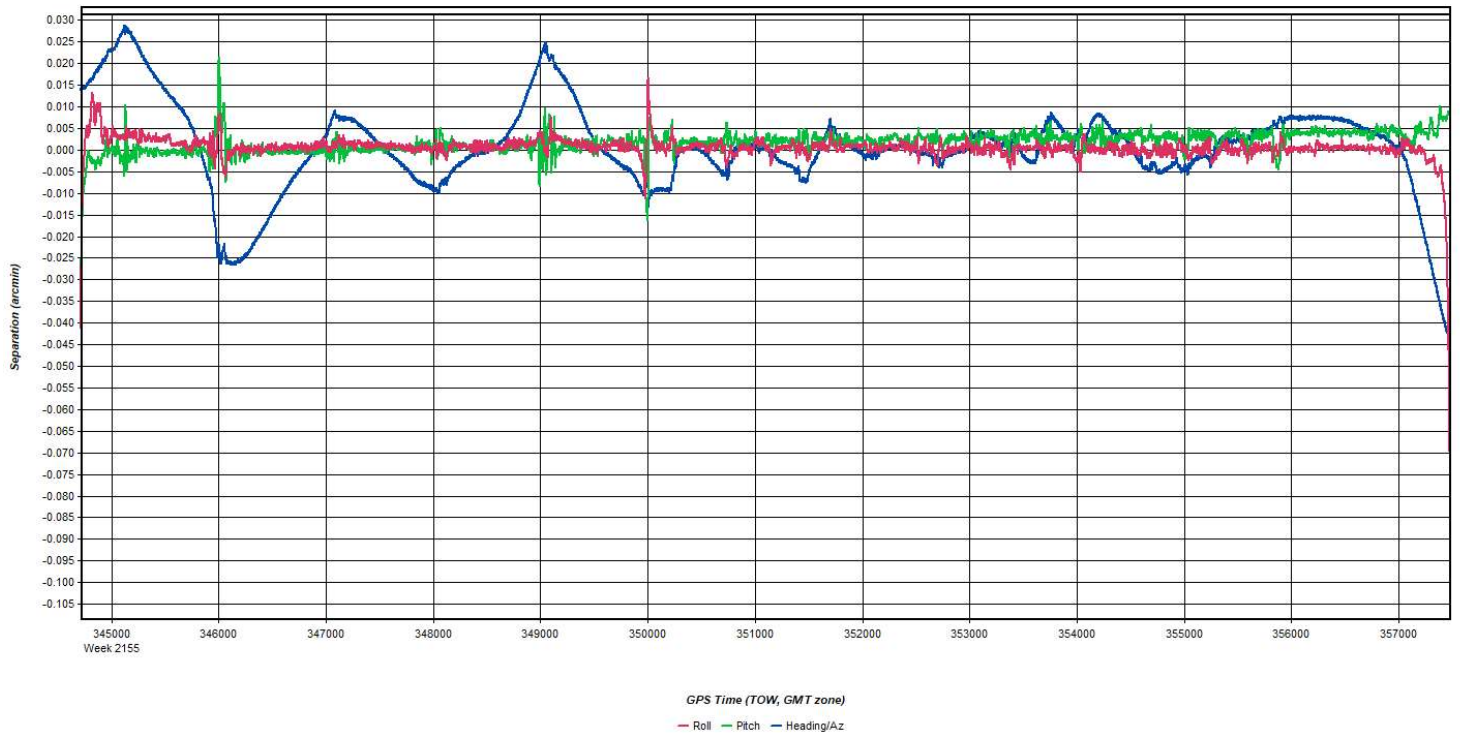
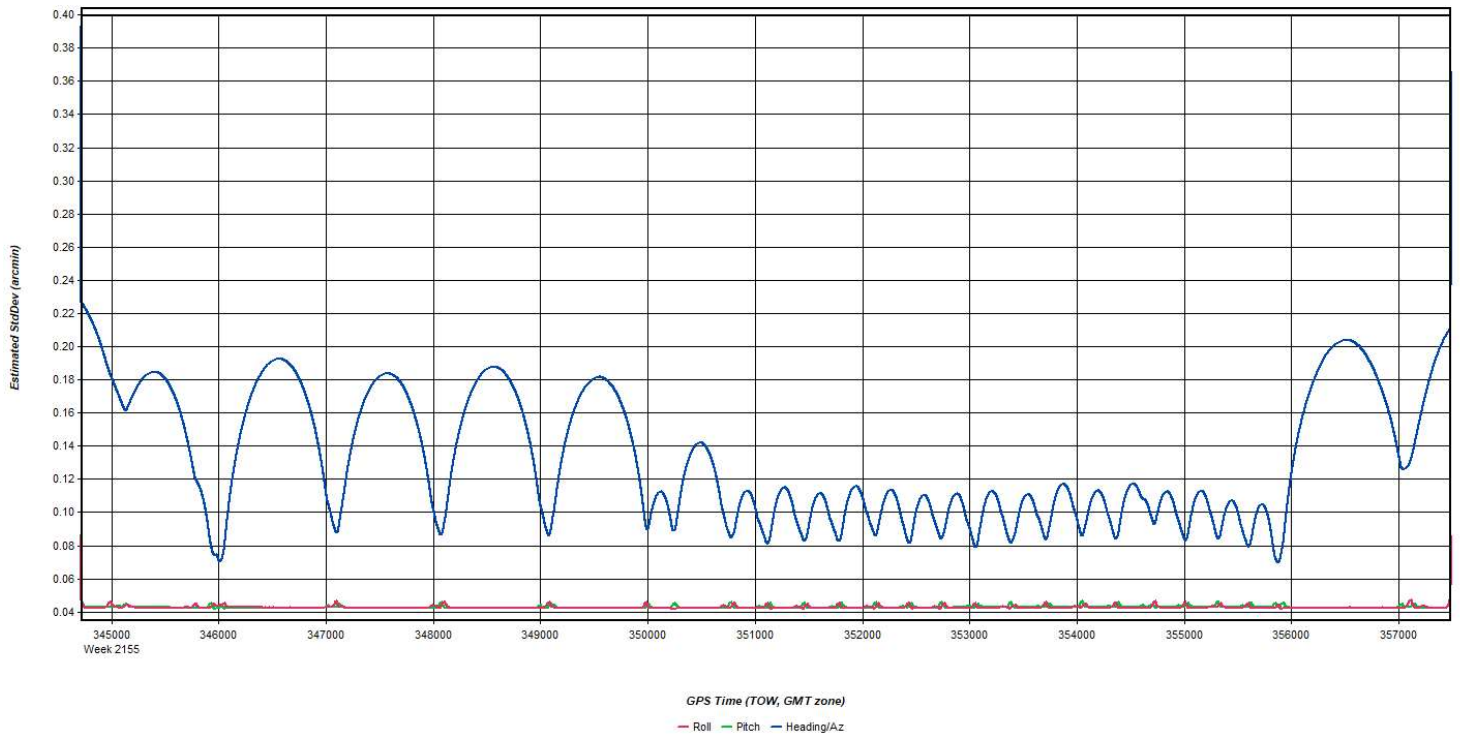


Figure 9: 20210428_234357_28 [Smoothed TC Combined] - Fwd/Rev Attitude Separation Plot



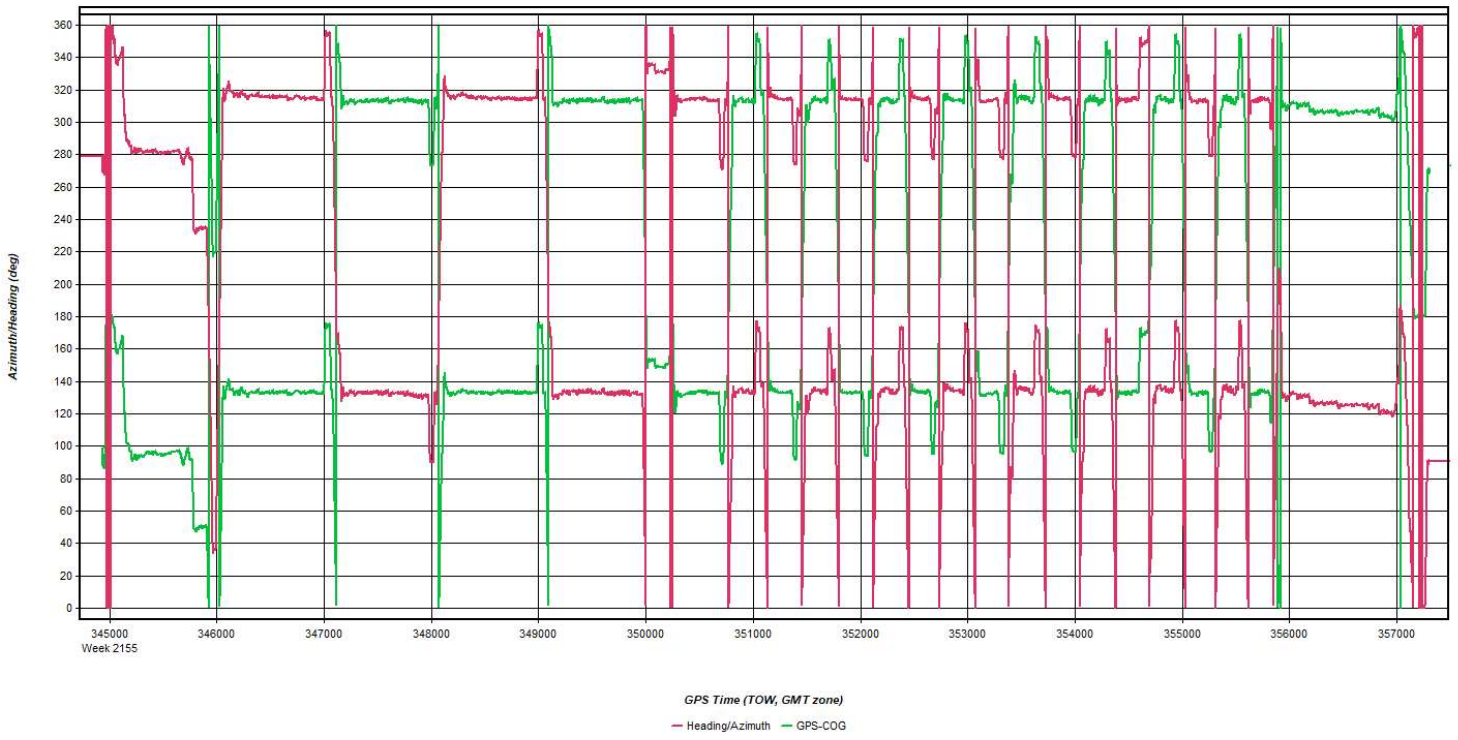
Process	20210428_234357_28	by Unknown	on 5/3/2021	at 12:11:17
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Figure 10: 20210428_234357_28 [Smoothed TC Combined] - Estimated Attitude Accuracy Plot



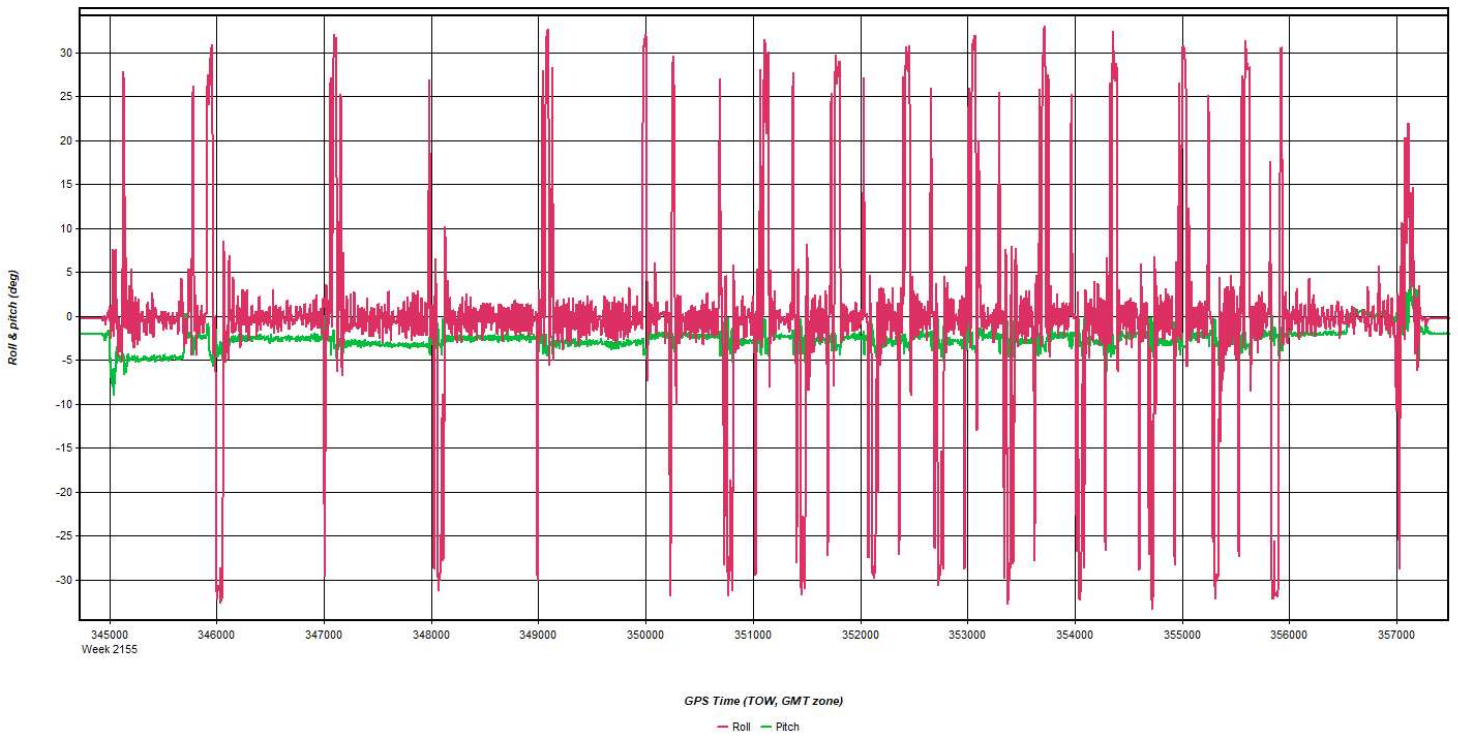
Process	20210428_234357_28	by Unknown	on 5/3/2021	at 12:11:17
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Figure 11: 20210428_234357_28 [Smoothed TC Combined] - Azimuth Plot



Process	20210428_234357_28	by Unknown	on 5/3/2021	at 12:11:17
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Figure 12: 20210428_234357_28 [Smoothed TC Combined] - Roll & Pitch Plot



Process	20210428_234357_28	by Unknown	on 5/3/2021	at 12:11:17
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Figure 13: 20210428_234357_28 [Smoothed TC Combined] - Velocity Profile Plot

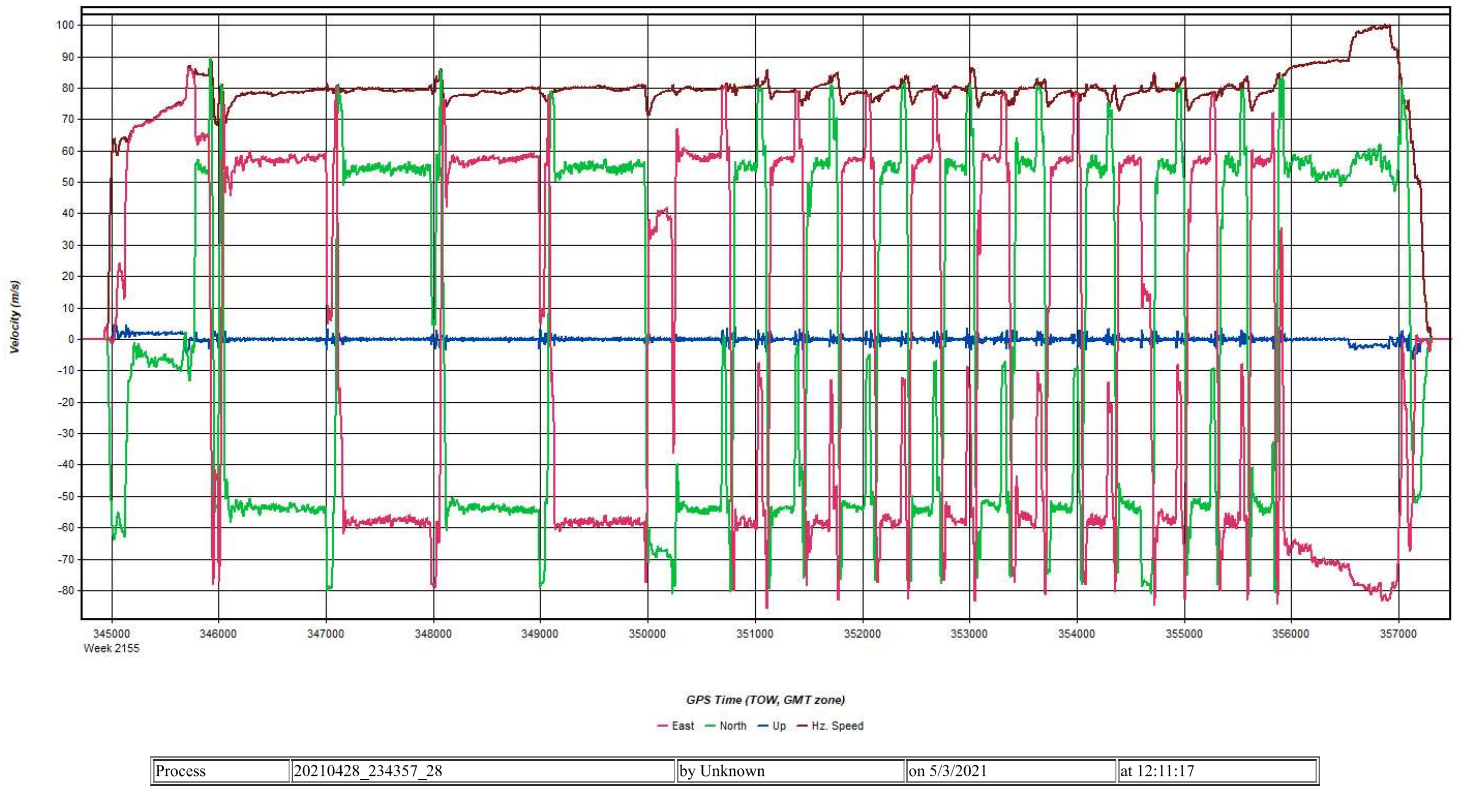


Figure 14: 20210428_234357_28 [Smoothed TC Combined] - Body Frame Velocity Plot

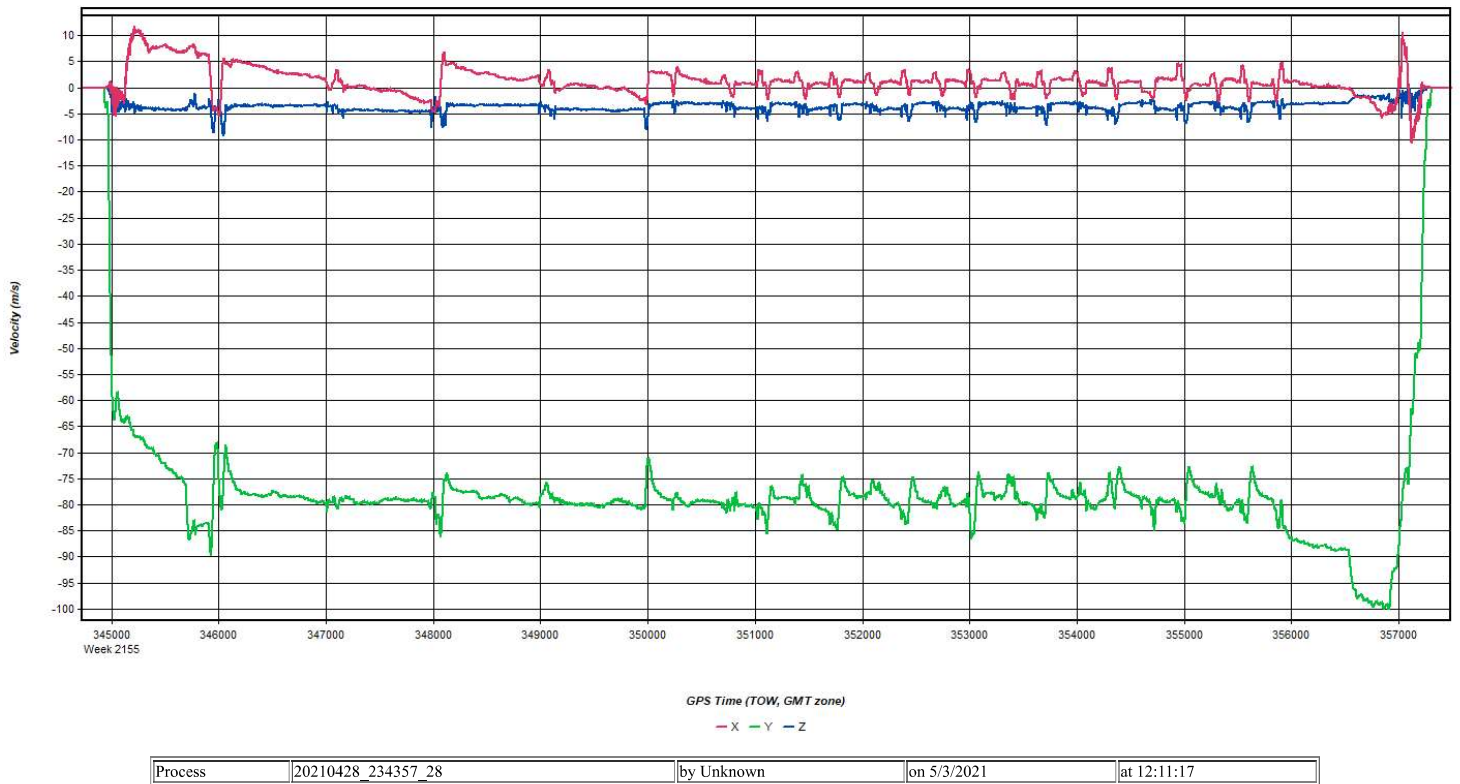
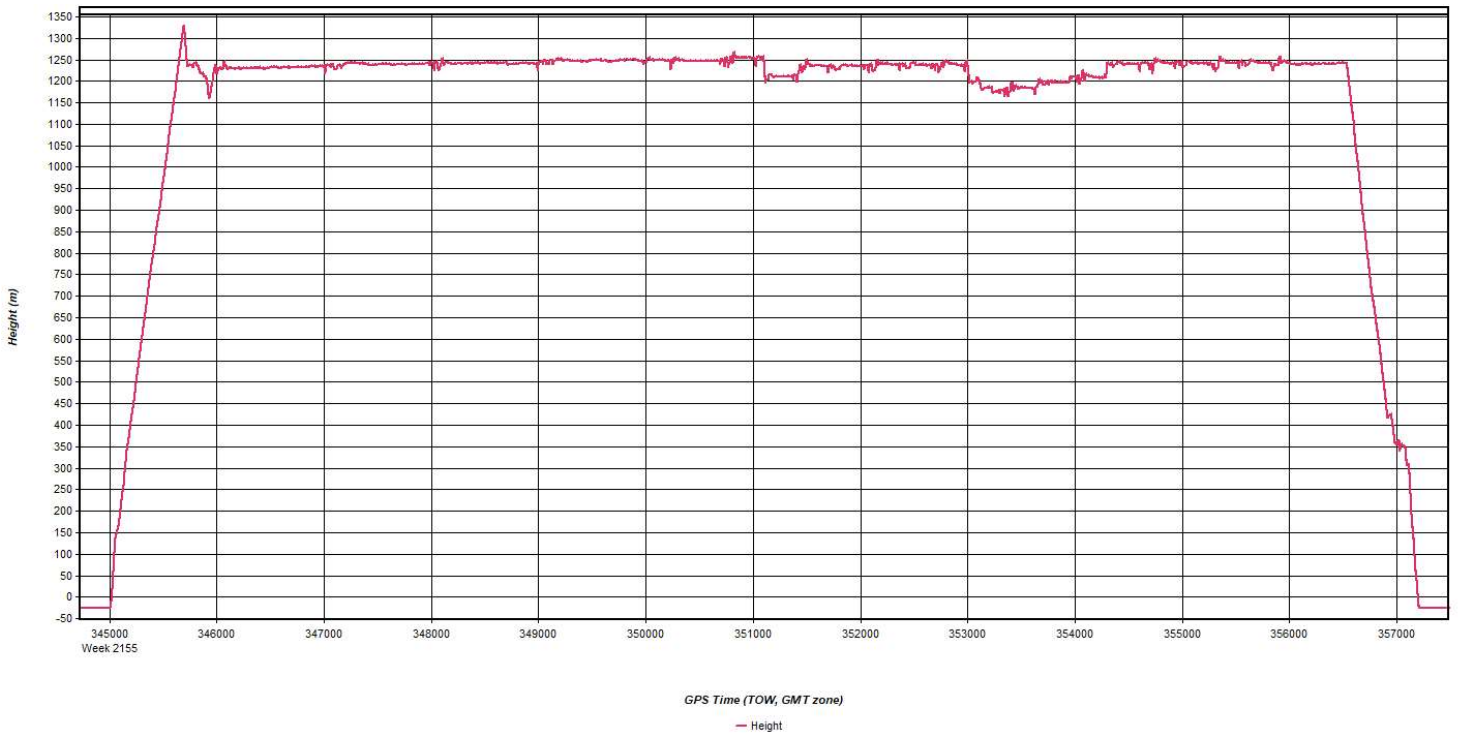
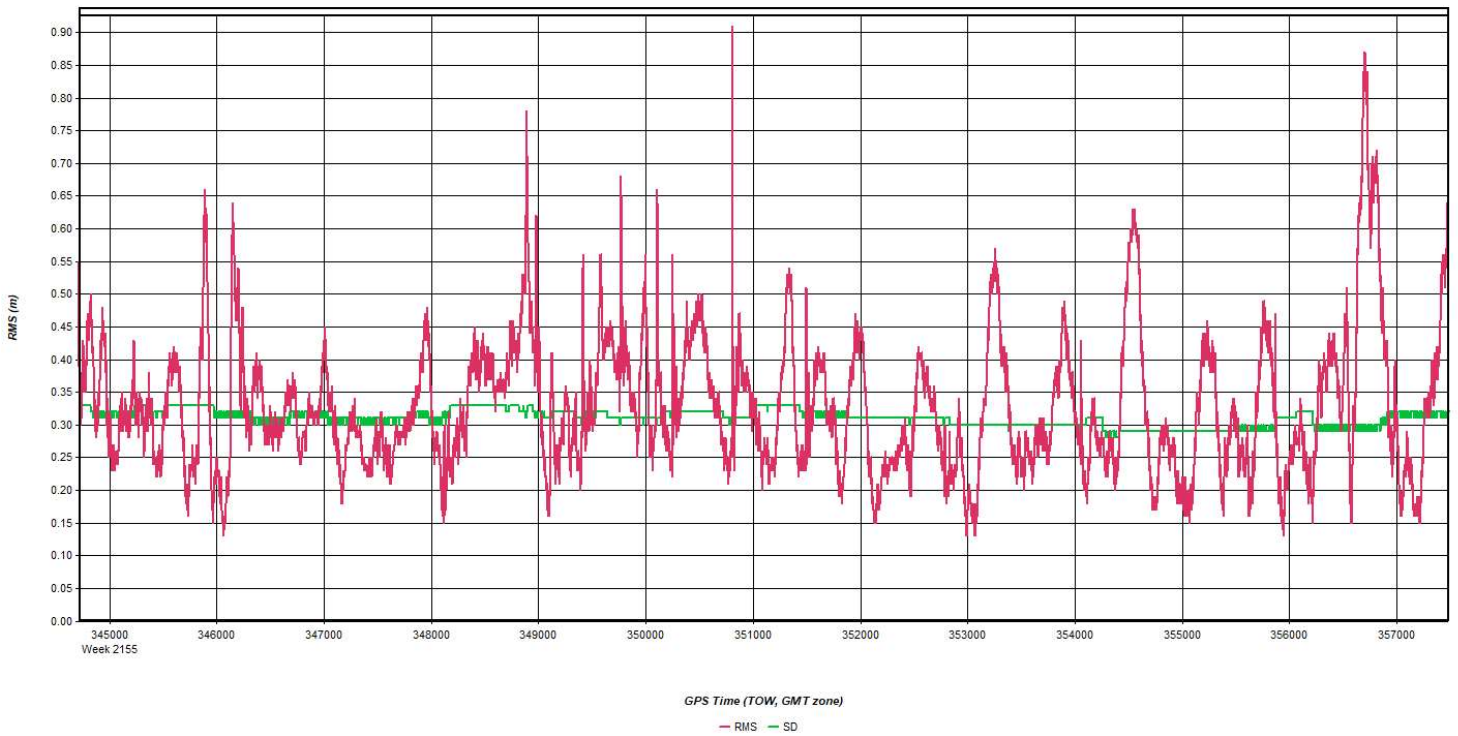


Figure 15: 20210428_234357_28 [Smoothed TC Combined] - Height Profile Plot



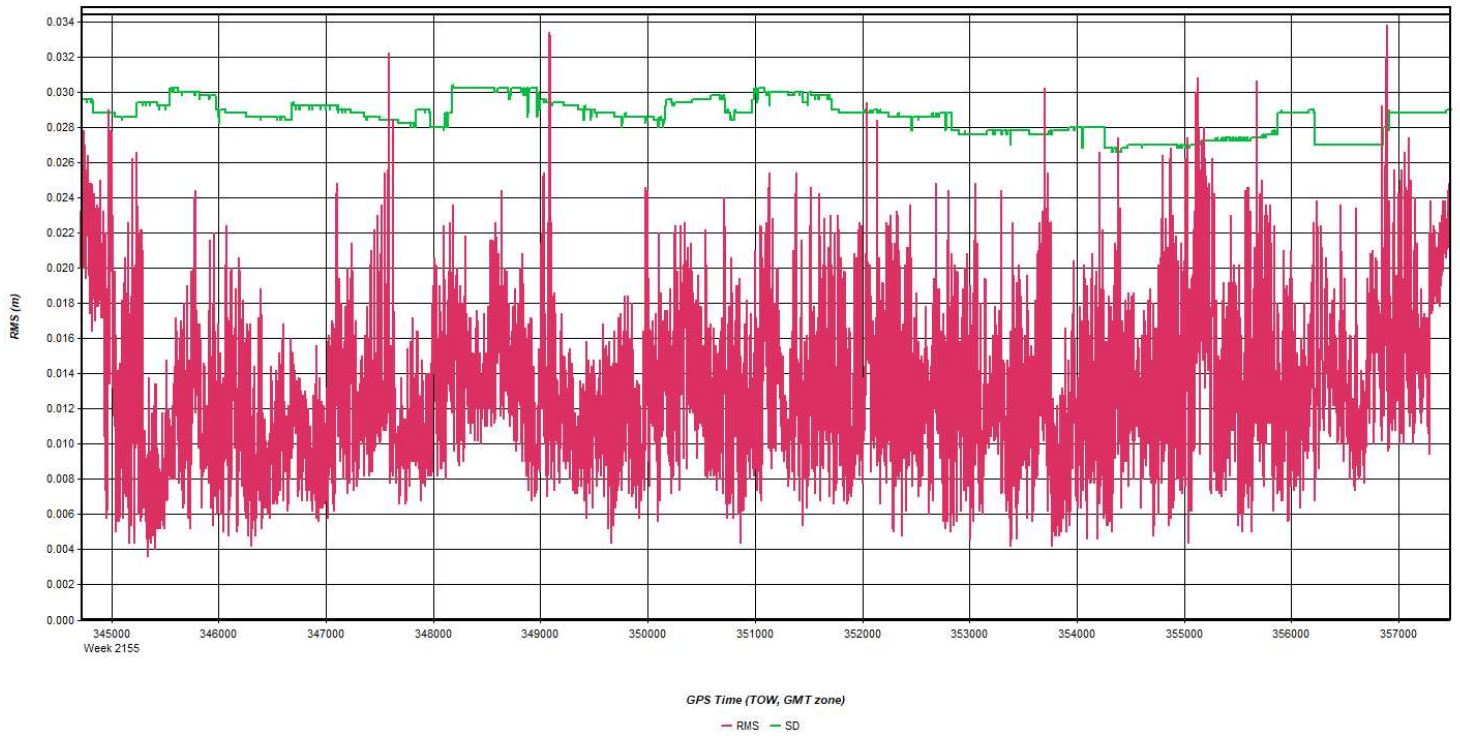
Process	20210428_234357_28	by Unknown	on 5/3/2021	at 12:11:17
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Figure 16: 20210428_234357_28 [Smoothed TC Combined] - C/A Code Residual RMS Plot



Process	20210428_234357_28	by Unknown	on 5/3/2021	at 12:11:17
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Figure 17: 20210428_234357_28 [Smoothed TC Combined] - Carrier Residual RMS Plot



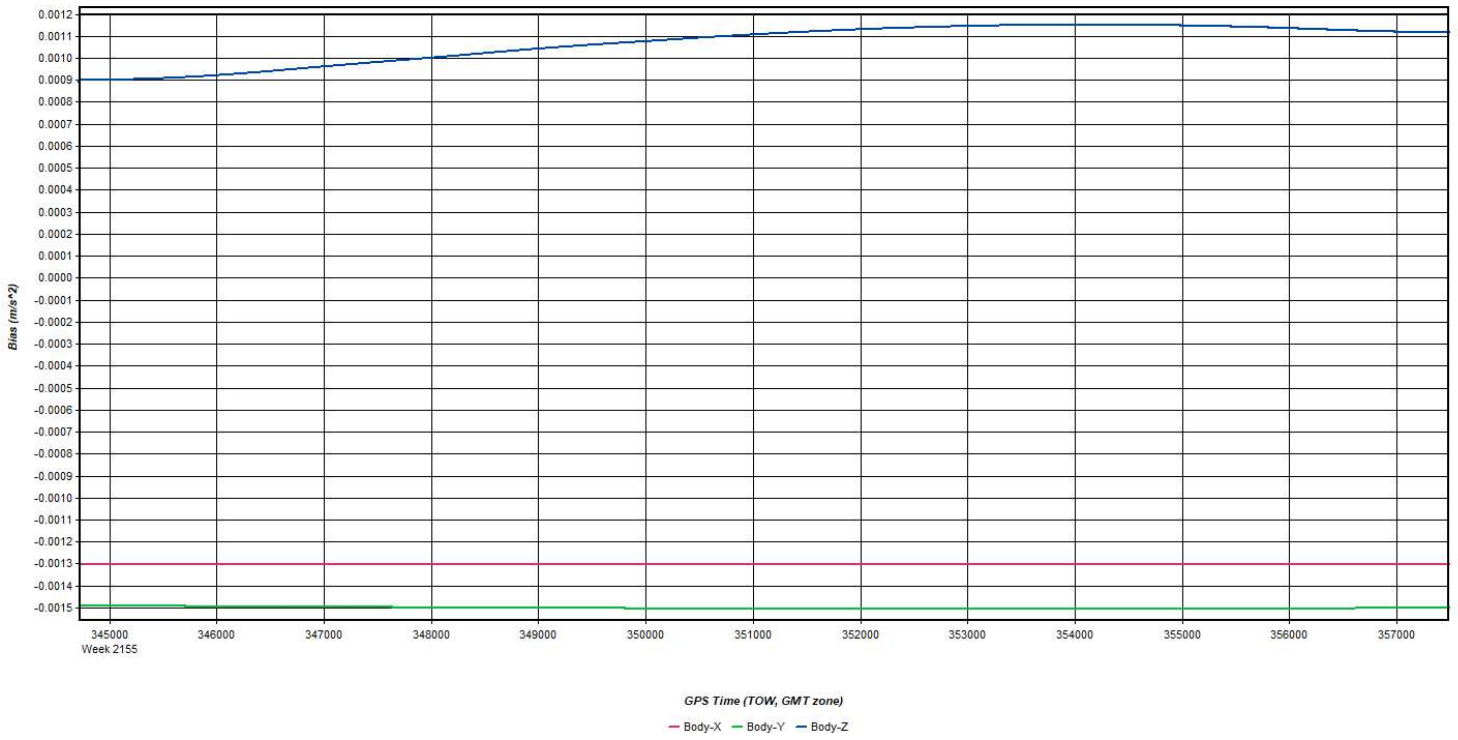
Process	20210428_234357_28	by Unknown	on 5/3/2021	at 12:11:17
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Figure 18: 20210428_234357_28 [Smoothed TC Combined] - L1 Doppler Residual RMS Plot



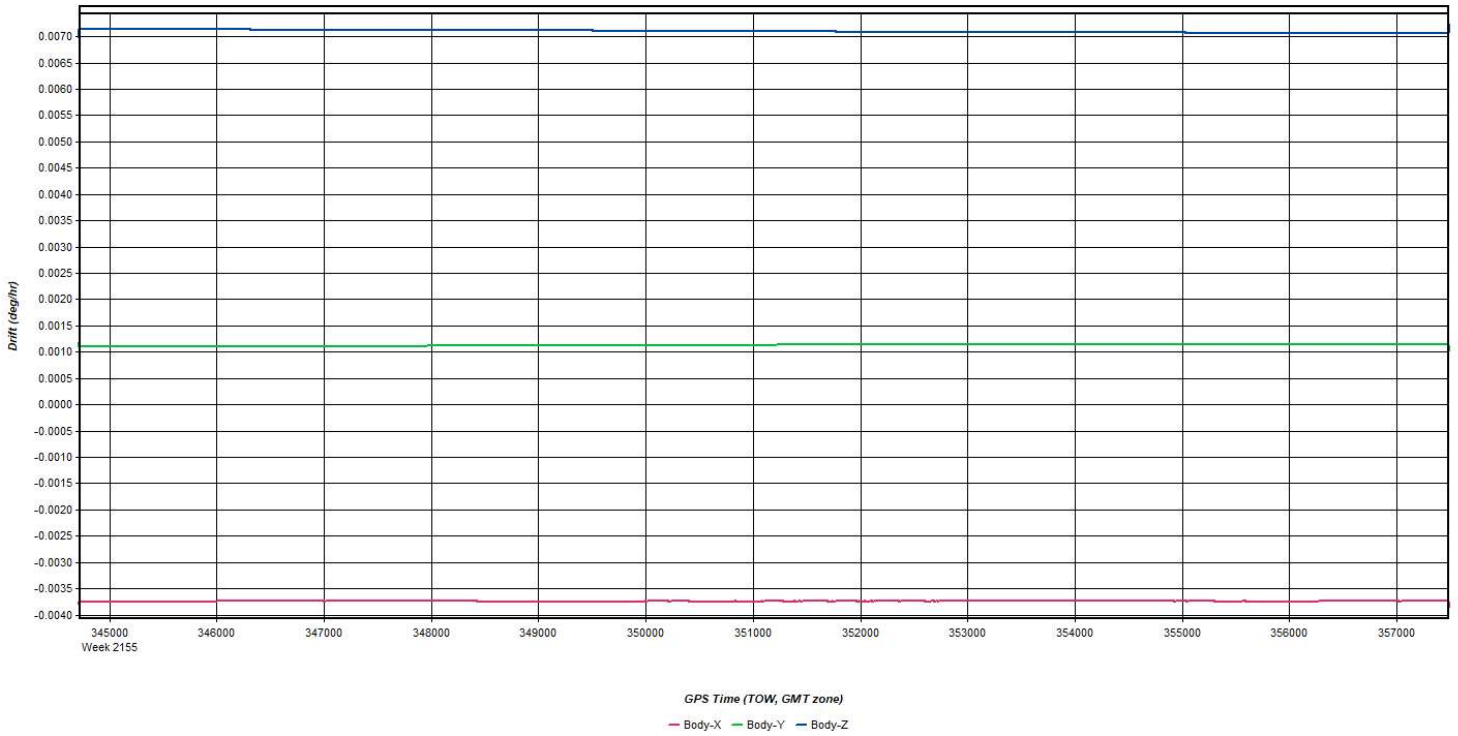
Process	20210428_234357_28	by Unknown	on 5/3/2021	at 12:11:17
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Figure 19: 20210428_234357_28 [Smoothed TC Combined] - Accelerometer Bias Plot



Process	20210428_234357_28	by Unknown	on 5/3/2021	at 12:11:17
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Figure 20: 20210428_234357_28 [Smoothed TC Combined] - Gyro Drift Plot

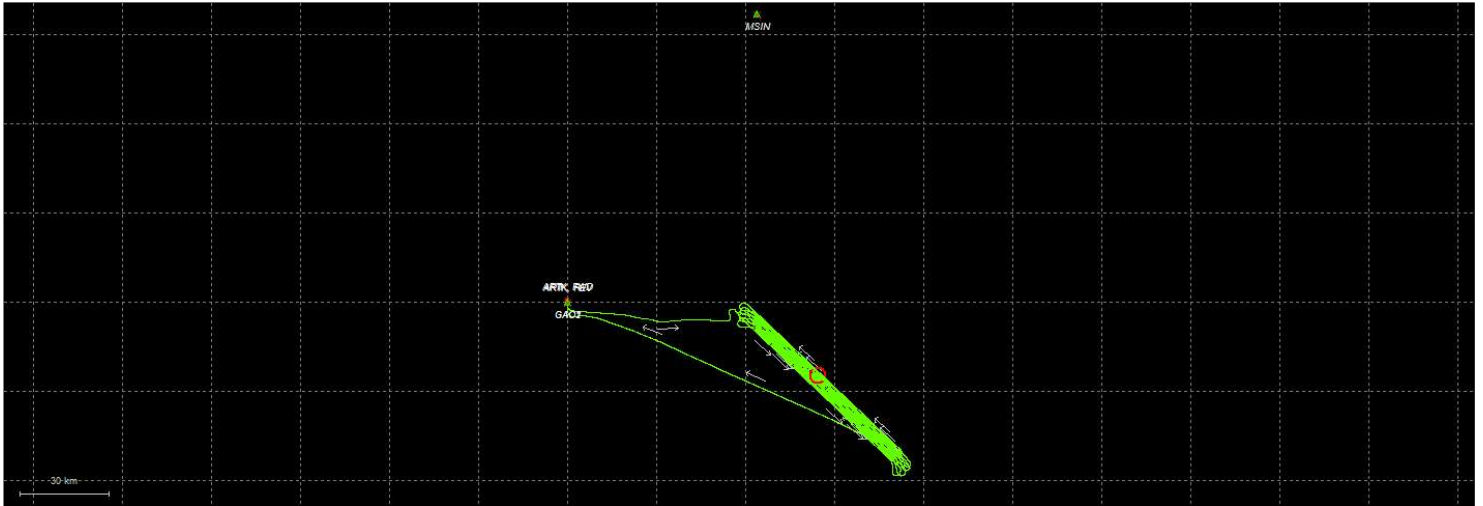


Process	20210428_234357_28	by Unknown	on 5/3/2021	at 12:11:17
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Output Results for 20210430_002403_29

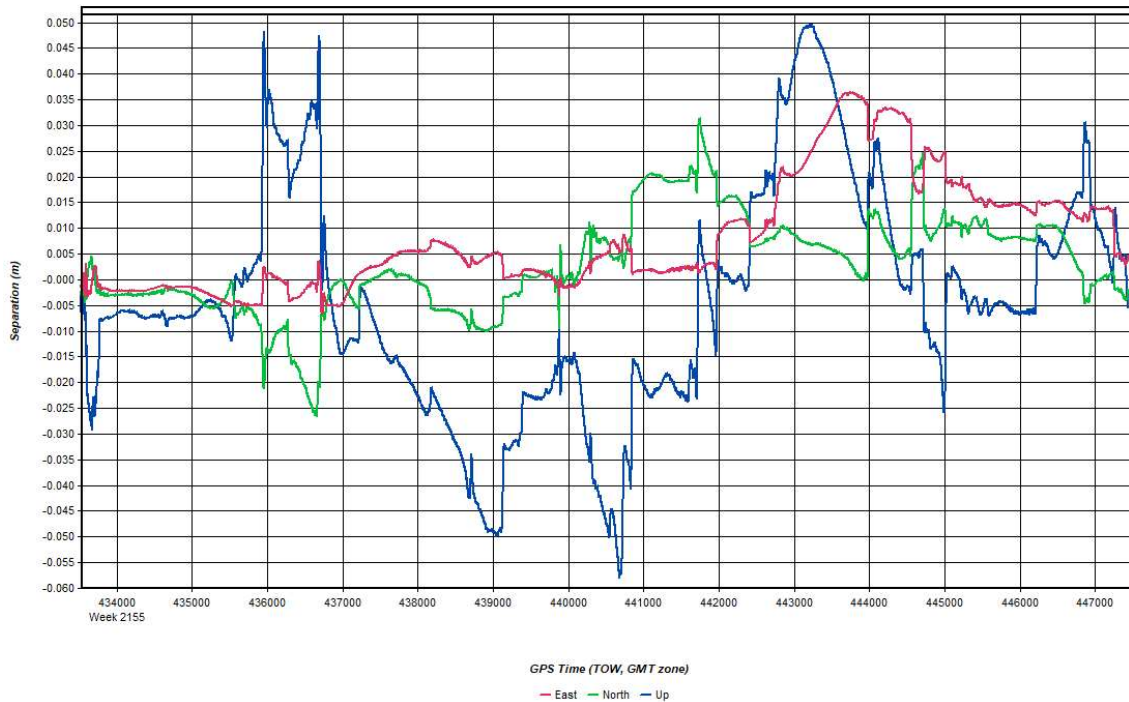
Inertial Explorer Version 8.90.2124
05/03/2021

Figure 1: Smoothed TC Combined - Map



Process	20210430_002403_29	by Unknown	on 5/3/2021	at 14:35:35
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Figure 2: 20210430_002403_29 [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot



Process	20210430_002403_29	by Unknown	on 5/3/2021	at 14:35:35
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Figure 3: 20210430_002403_29 [Smoothed TC Combined] - Float or Fixed Ambiguity

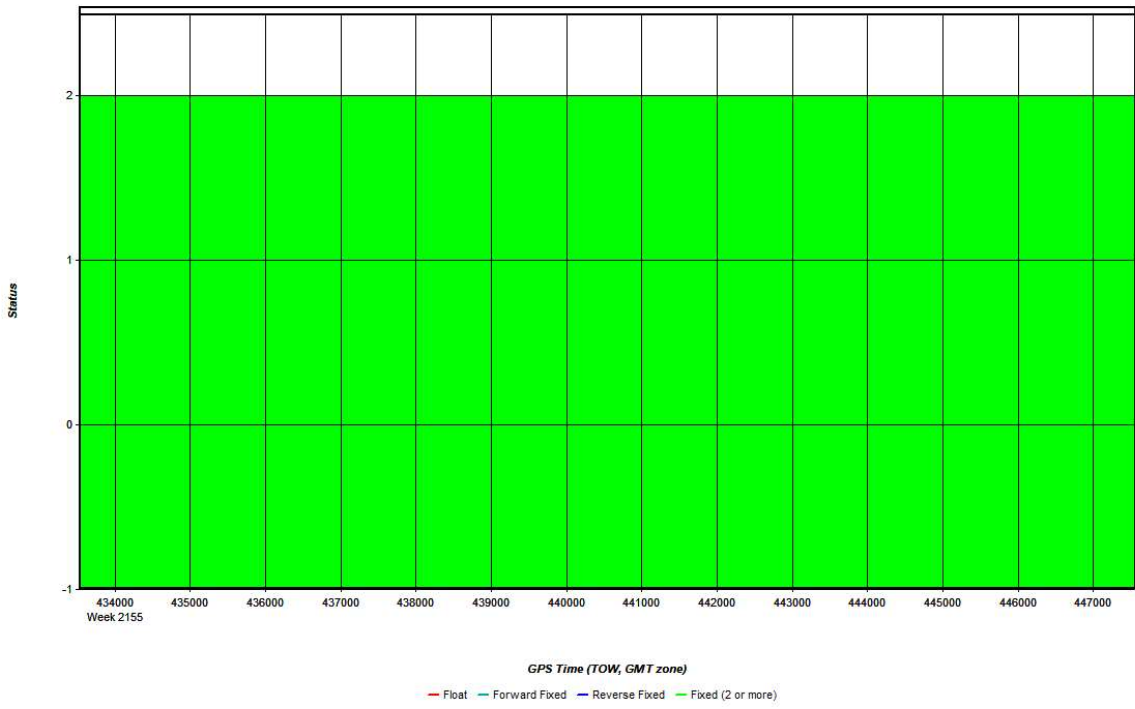


Figure 4: 20210430_002403_29 [Smoothed TC Combined] - Forward/Reverse Separation Plot (Fixed)

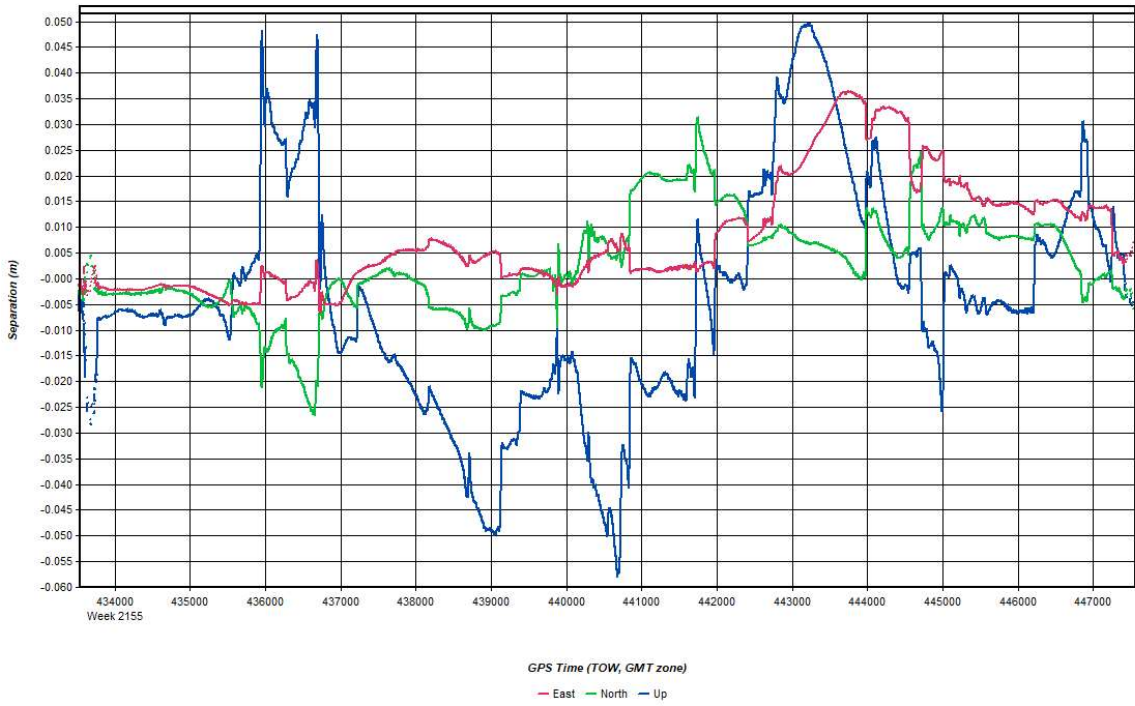
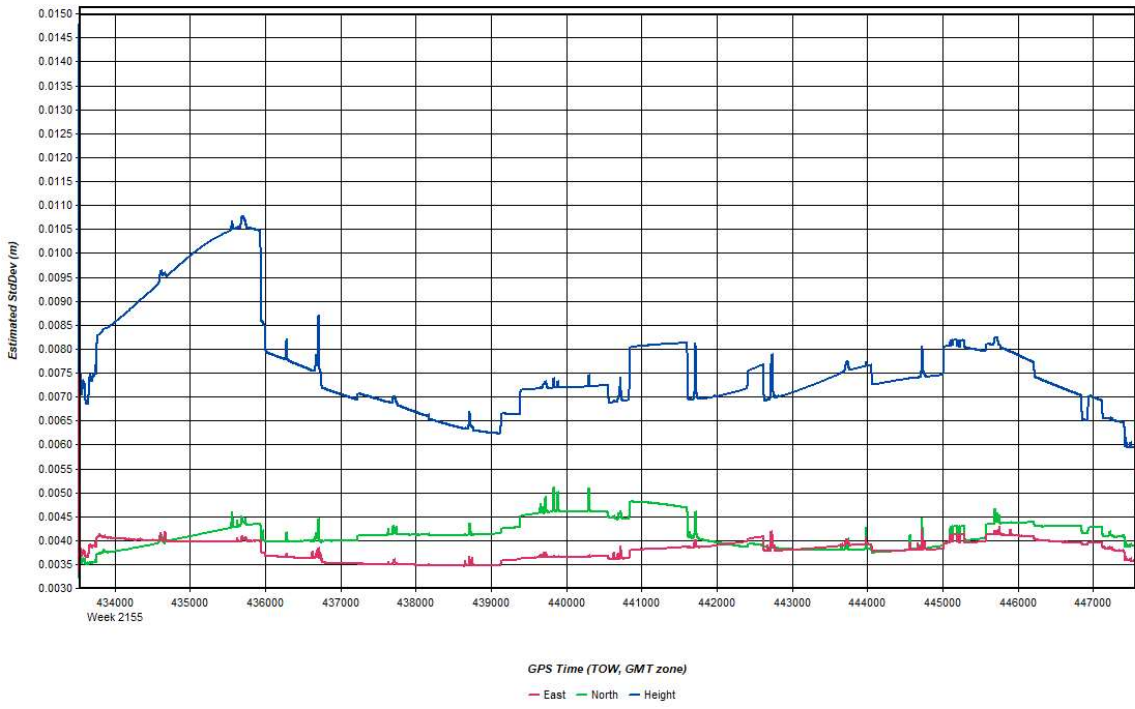
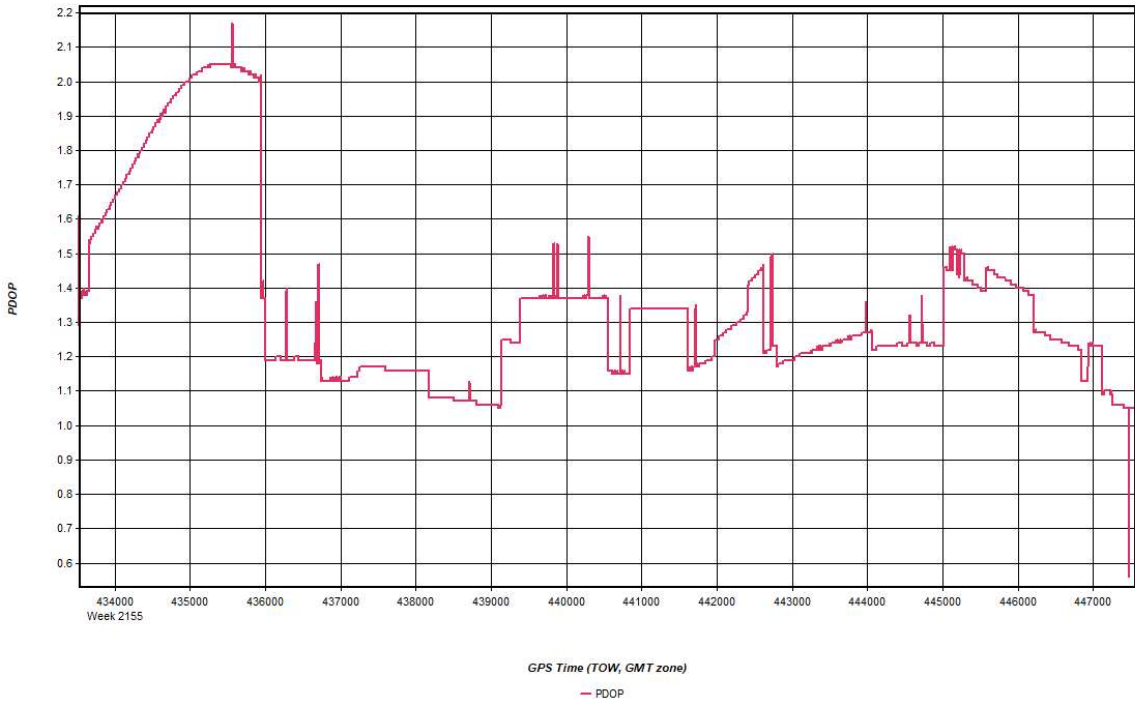


Figure 5: 20210430_002403_29 [Smoothed TC Combined] - Estimated Position Accuracy Plot



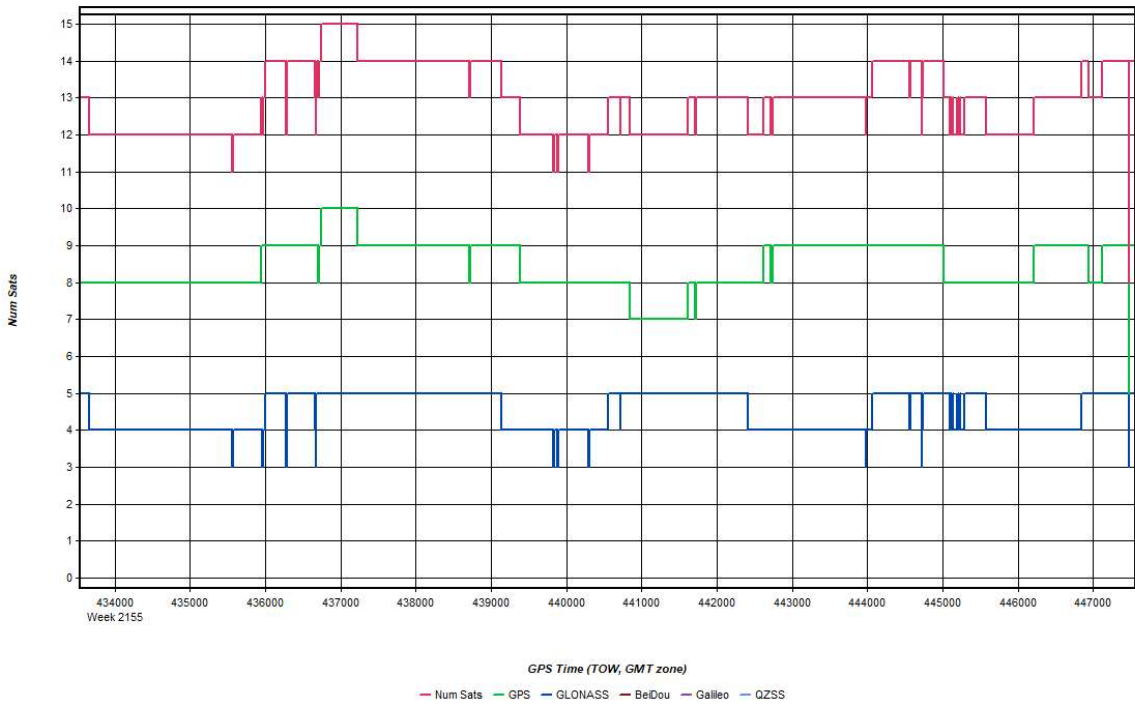
Process	20210430_002403_29	by Unknown	on 5/3/2021	at 14:35:35
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Figure 6: 20210430_002403_29 [Smoothed TC Combined] - PDOP Plot



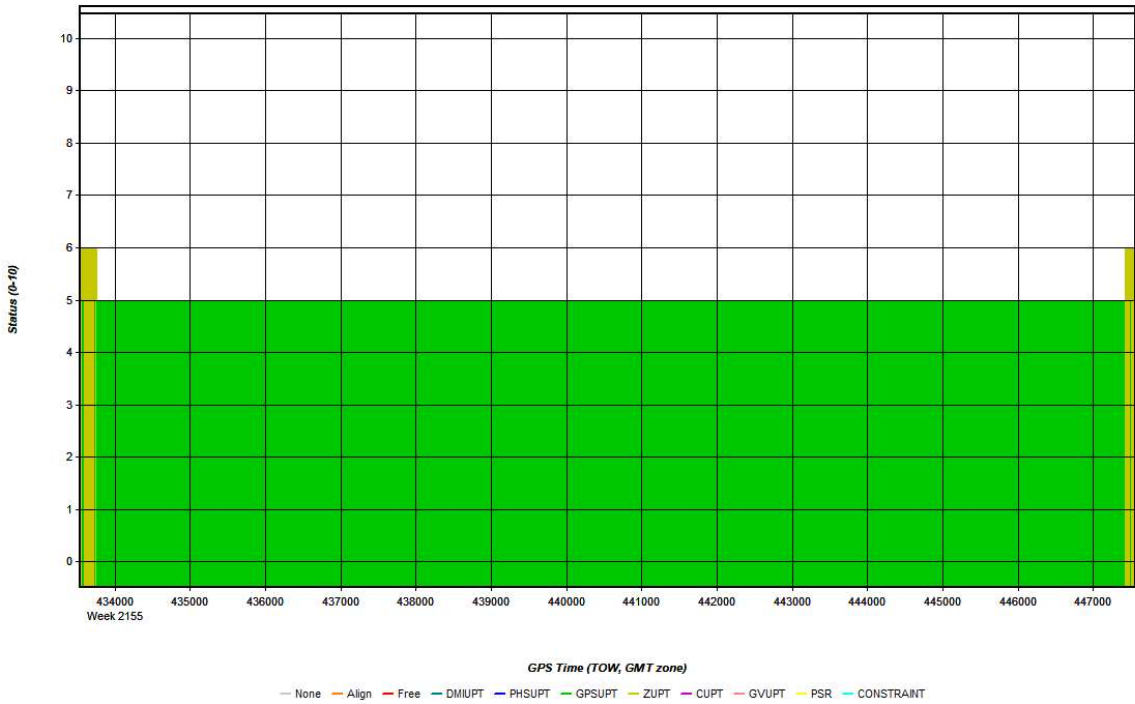
Process	20210430_002403_29	by Unknown	on 5/3/2021	at 14:35:35
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Figure 7: 20210430_002403_29 [Smoothed TC Combined] - Number of Satellites Line Plot



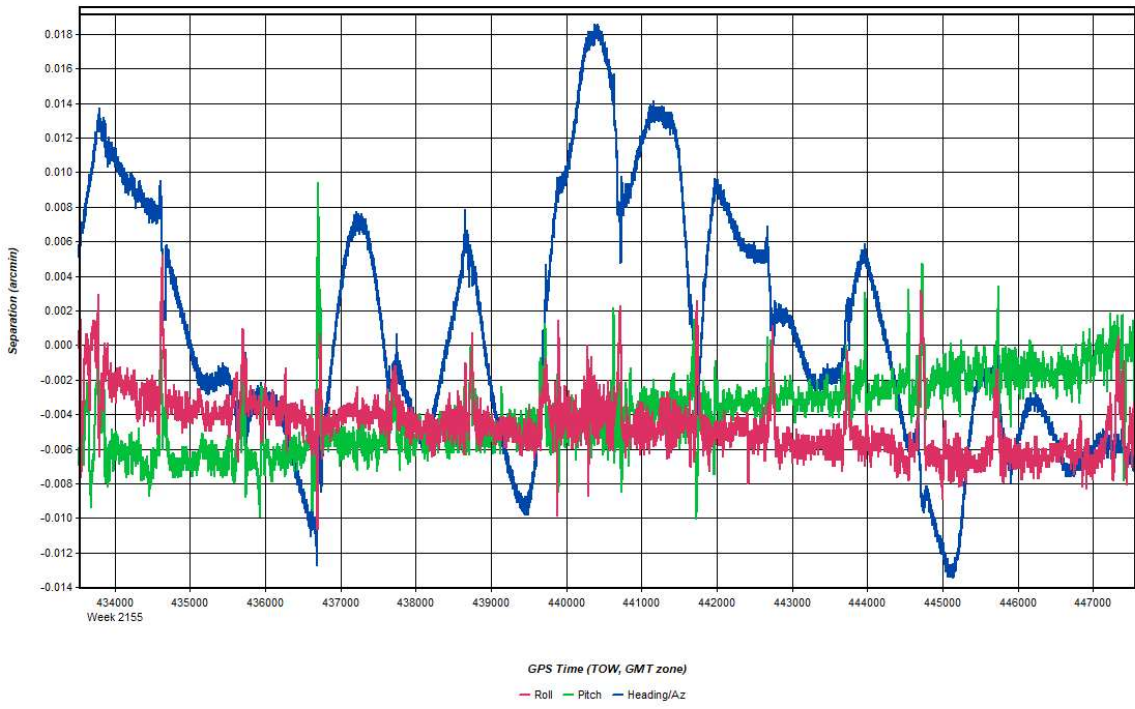
Process	20210430_002403_29	by Unknown	on 5/3/2021	at 14:35:35
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Figure 8: 20210430_002403_29 [Smoothed TC Combined] - Status flag for IMU processing



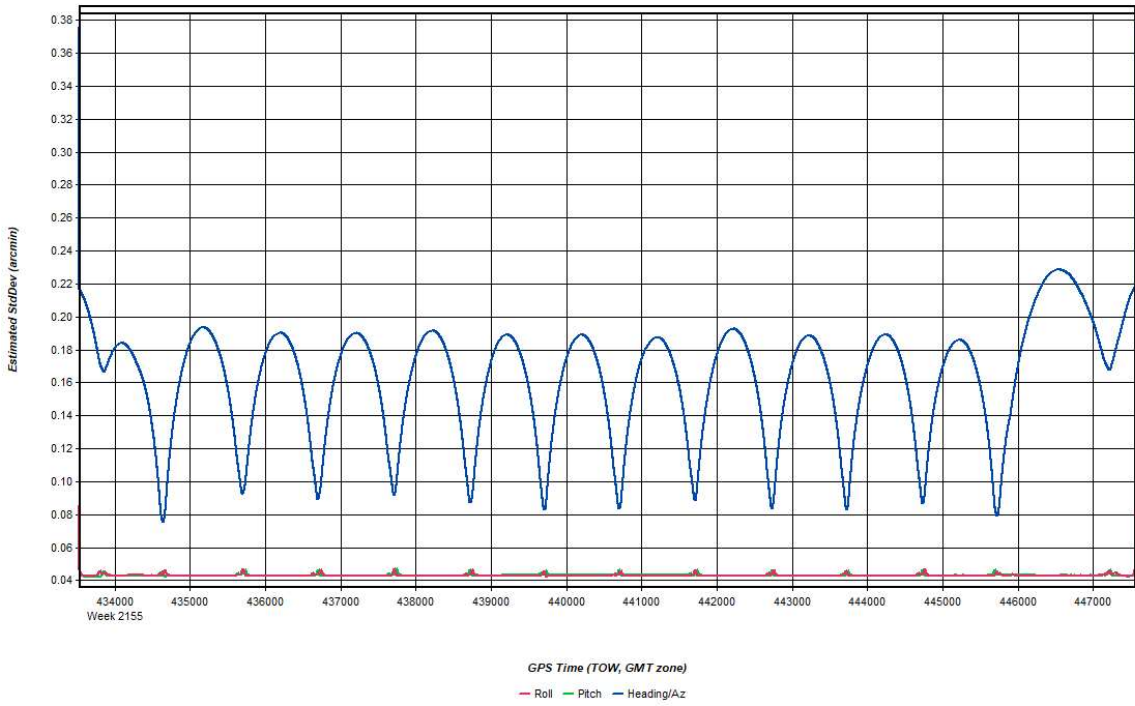
Process	20210430_002403_29	by Unknown	on 5/3/2021	at 14:35:35
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Figure 9: 20210430_002403_29 [Smoothed TC Combined] - Fwd/Rev Attitude Separation Plot



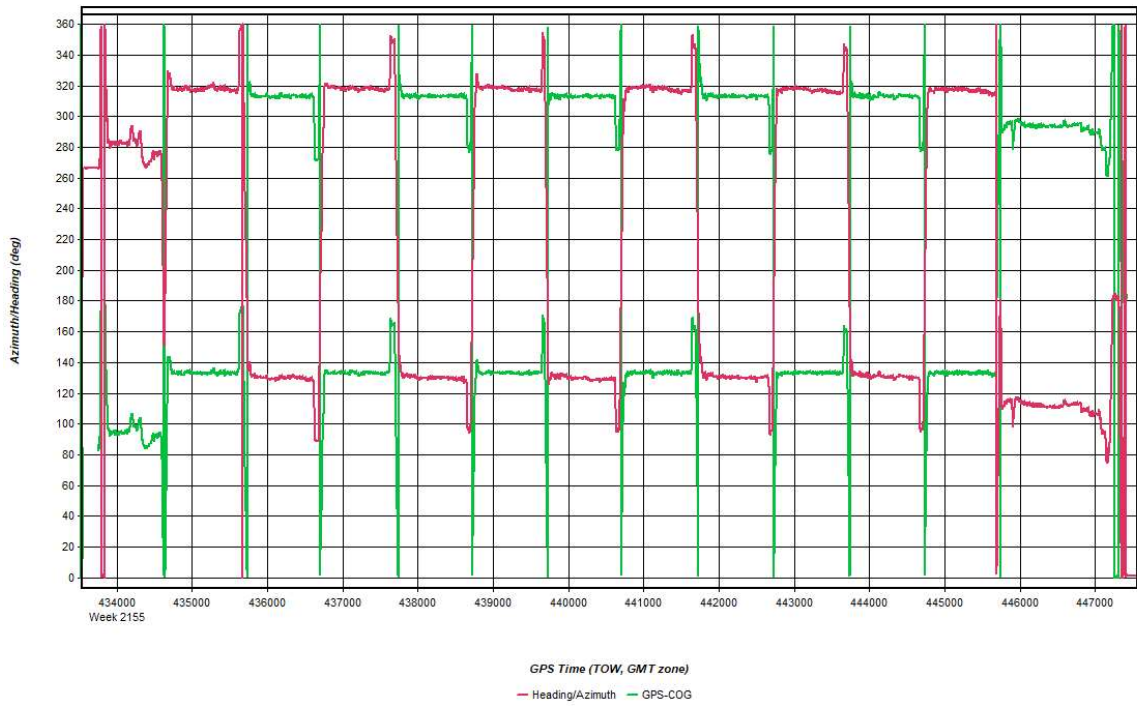
Process	20210430_002403_29	by Unknown	on 5/3/2021	at 14:35:35
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Figure 10: 20210430_002403_29 [Smoothed TC Combined] - Estimated Attitude Accuracy Plot



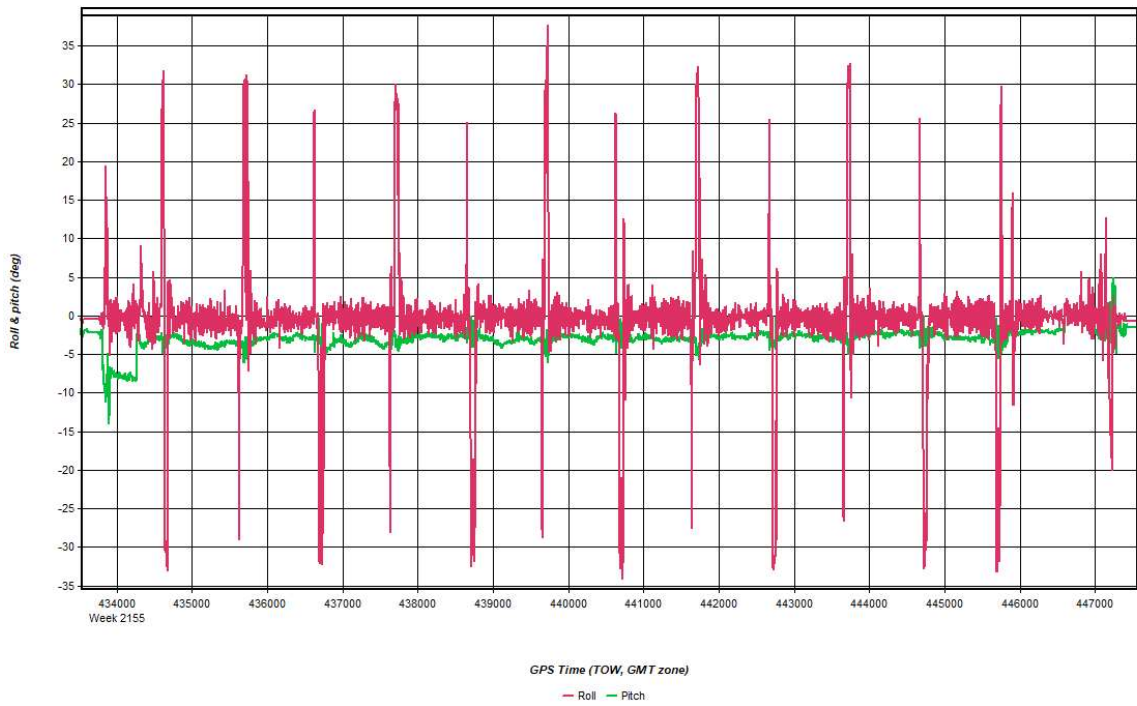
Process	20210430_002403_29	by Unknown	on 5/3/2021	at 14:35:35
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Figure 11: 20210430_002403_29 [Smoothed TC Combined] - Azimuth Plot



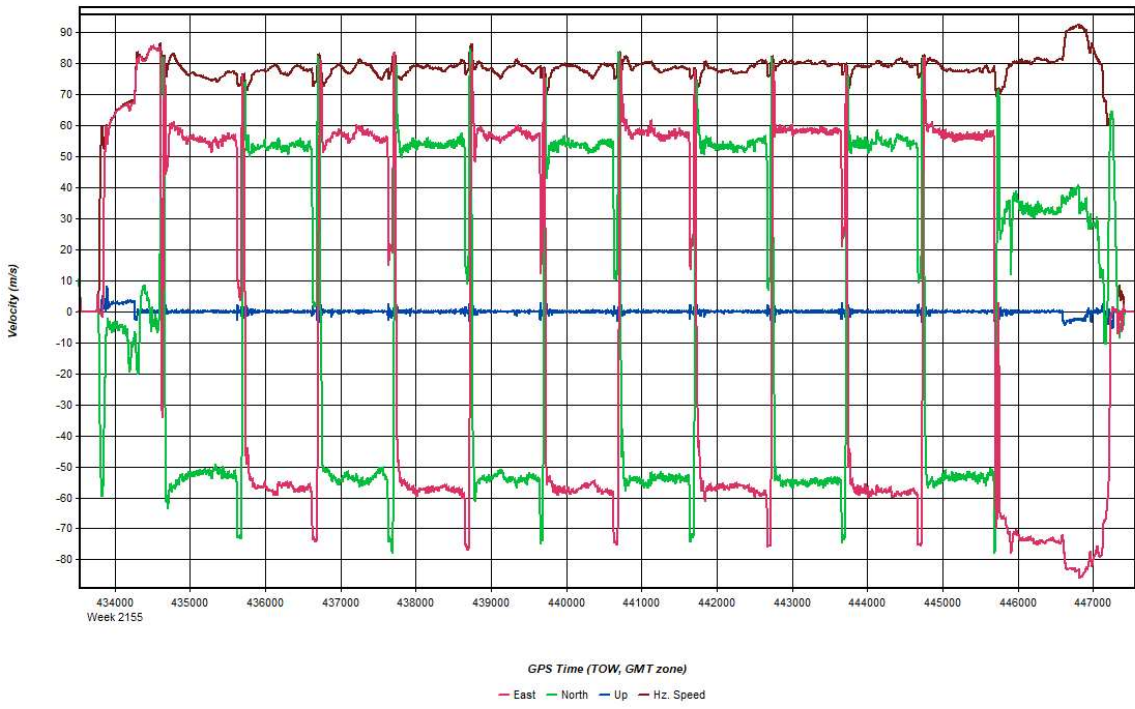
Process	20210430_002403_29	by Unknown	on 5/3/2021	at 14:35:35
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Figure 12: 20210430_002403_29 [Smoothed TC Combined] - Roll & Pitch Plot



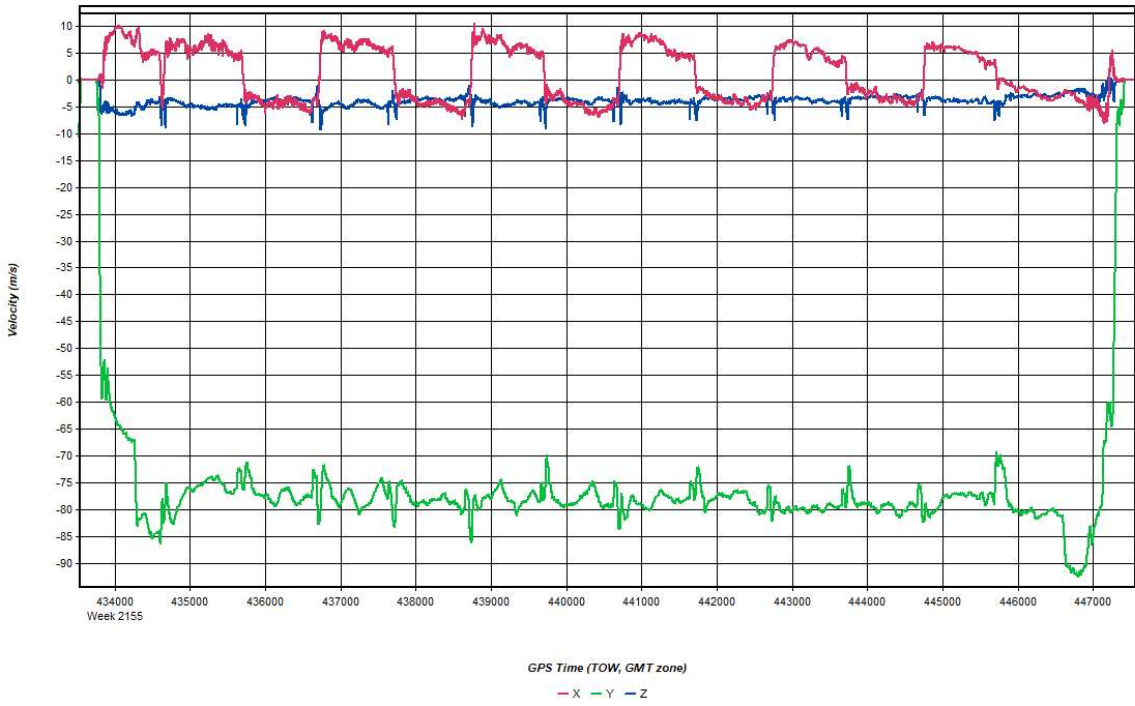
Process	20210430_002403_29	by Unknown	on 5/3/2021	at 14:35:35
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Figure 13: 20210430_002403_29 [Smoothed TC Combined] - Velocity Profile Plot



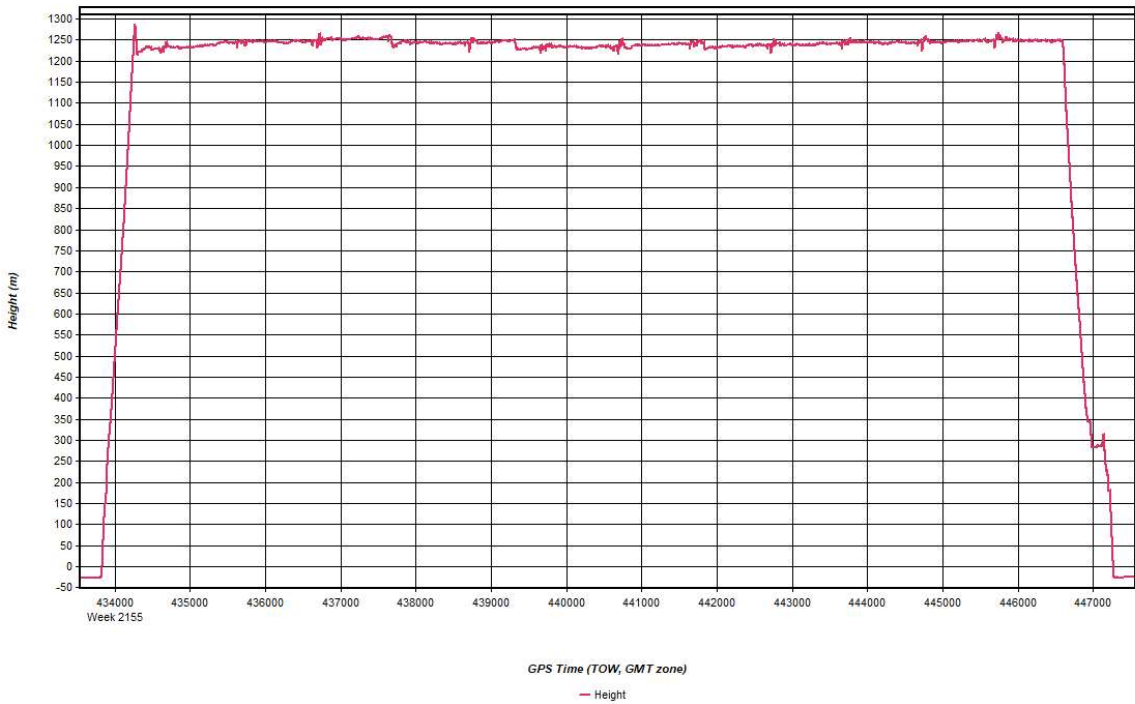
Process	20210430_002403_29	by Unknown	on 5/3/2021	at 14:35:35
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Figure 14: 20210430_002403_29 [Smoothed TC Combined] - Body Frame Velocity Plot



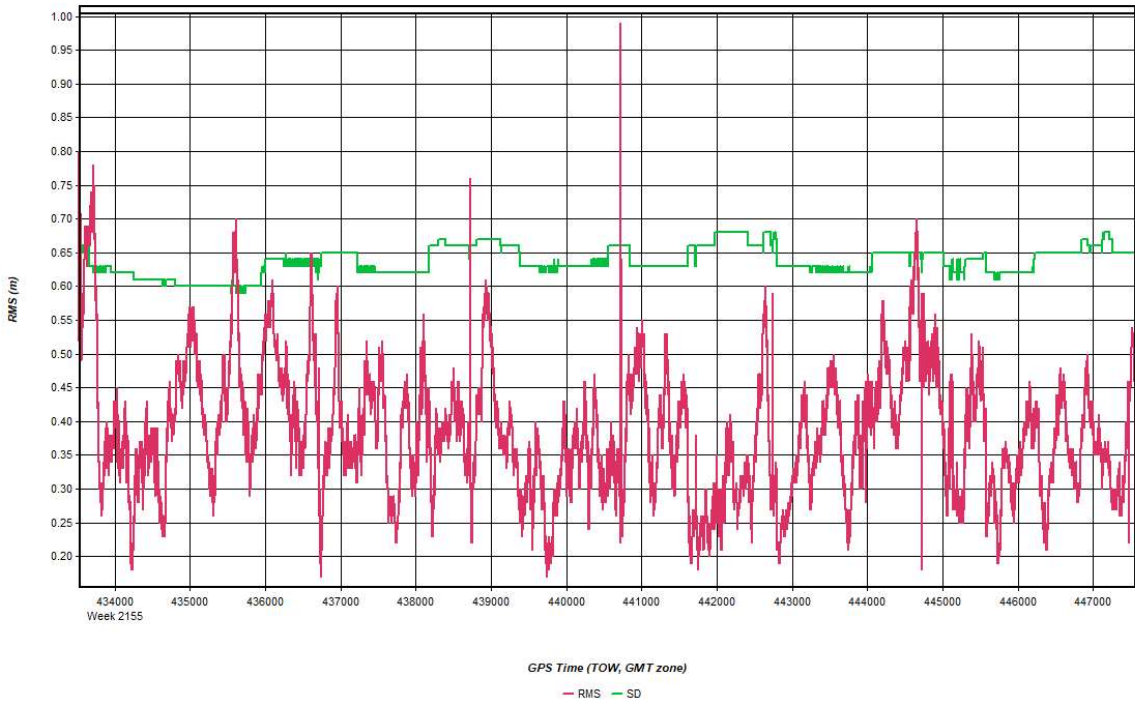
Process	20210430_002403_29	by Unknown	on 5/3/2021	at 14:35:35
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Figure 15: 20210430_002403_29 [Smoothed TC Combined] - Height Profile Plot



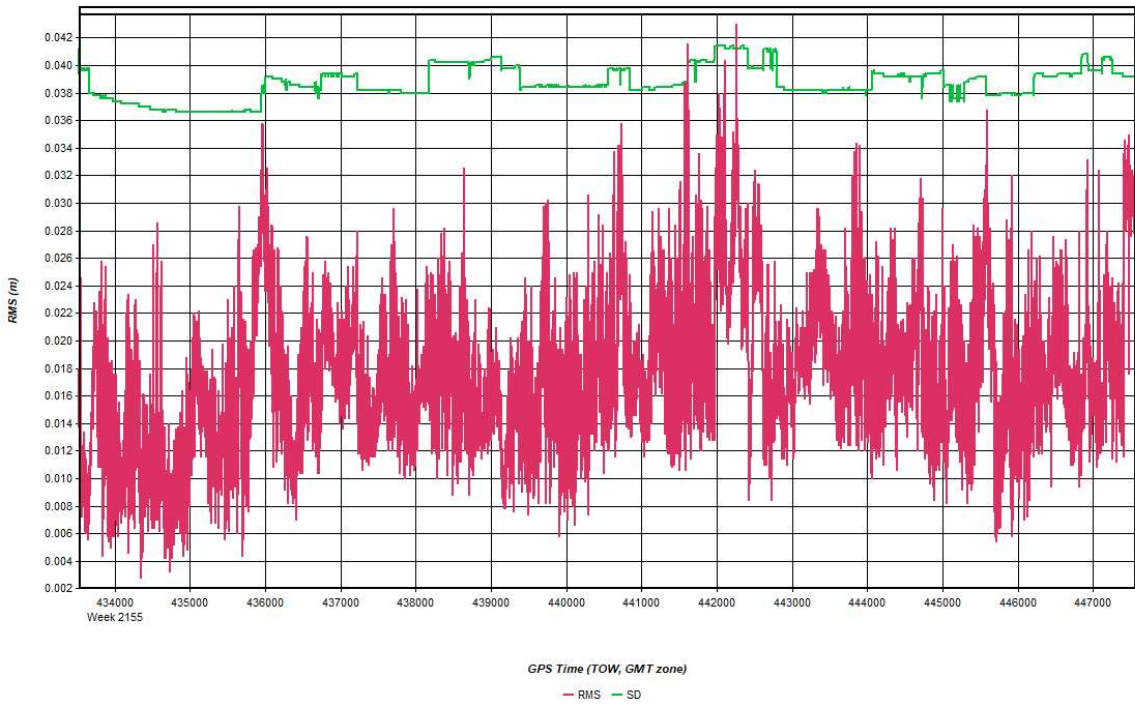
Process	20210430_002403_29	by Unknown	on 5/3/2021	at 14:35:35
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Figure 16: 20210430_002403_29 [Smoothed TC Combined] - C/A Code Residual RMS Plot



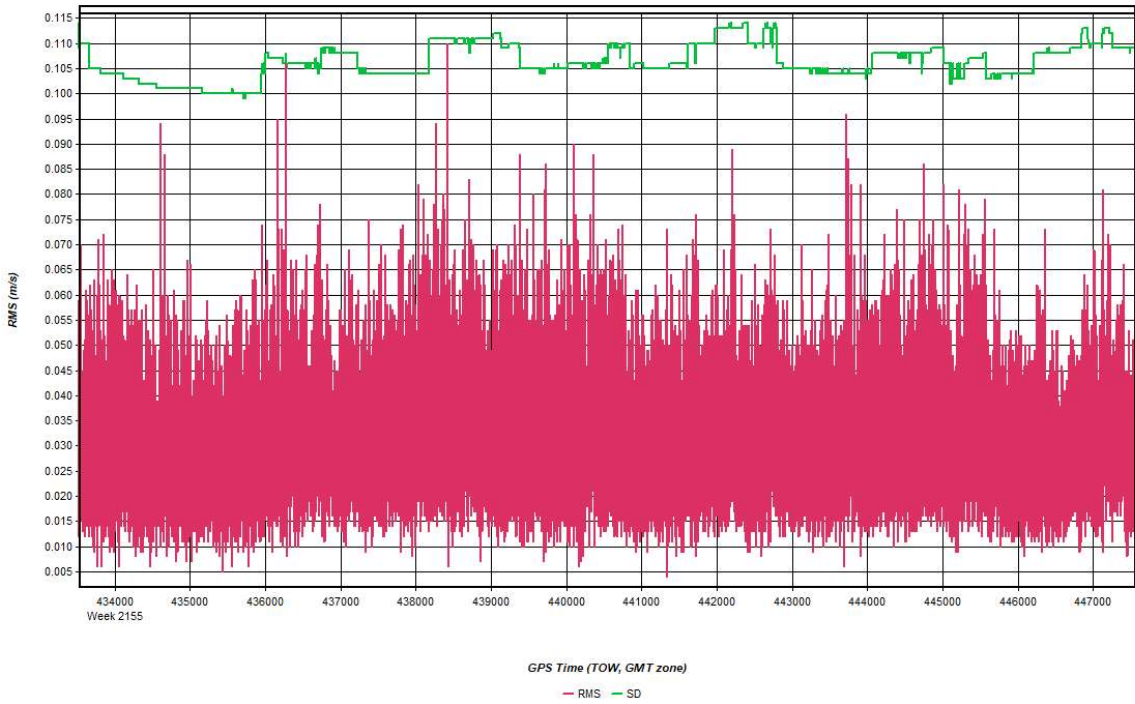
Process	20210430_002403_29	by Unknown	on 5/3/2021	at 14:35:35
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Figure 17: 20210430_002403_29 [Smoothed TC Combined] - Carrier Residual RMS Plot



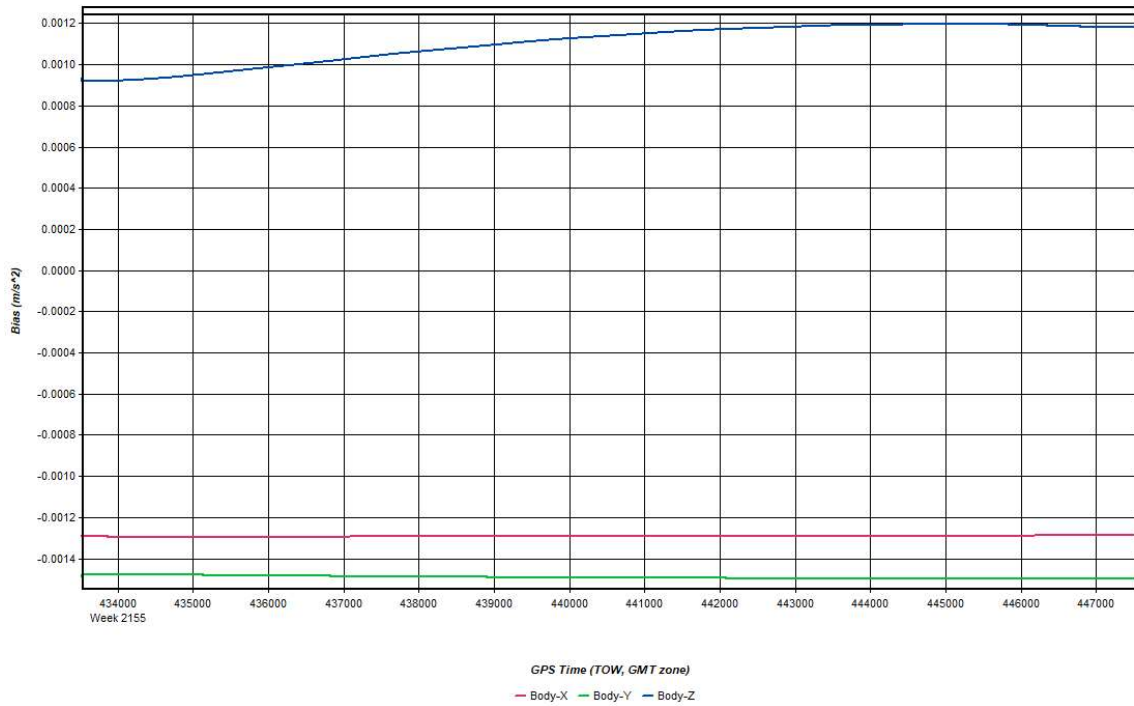
Process	20210430_002403_29	by Unknown	on 5/3/2021	at 14:35:35
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Figure 18: 20210430_002403_29 [Smoothed TC Combined] - L1 Doppler Residual RMS Plot



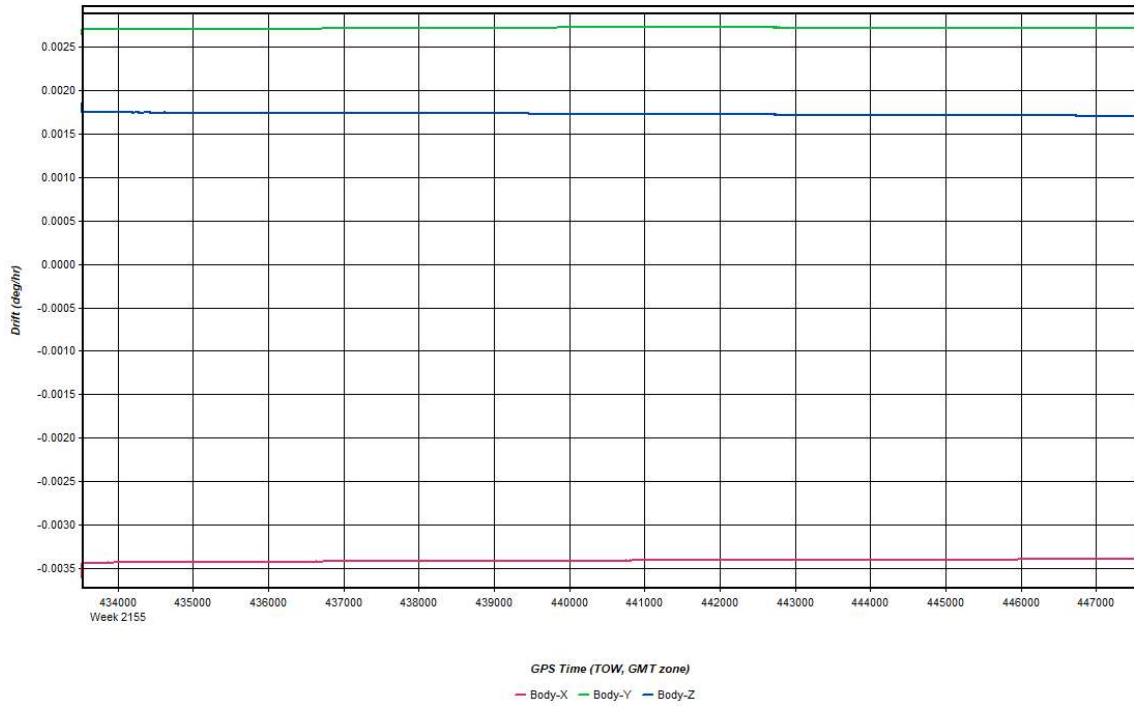
Process	20210430_002403_29	by Unknown	on 5/3/2021	at 14:35:35
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Figure 19: 20210430_002403_29 [Smoothed TC Combined] - Accelerometer Bias Plot



Process	20210430_002403_29	by Unknown	on 5/3/2021	at 14:35:35
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Figure 20: 20210430_002403_29 [Smoothed TC Combined] - Gyro Drift Plot

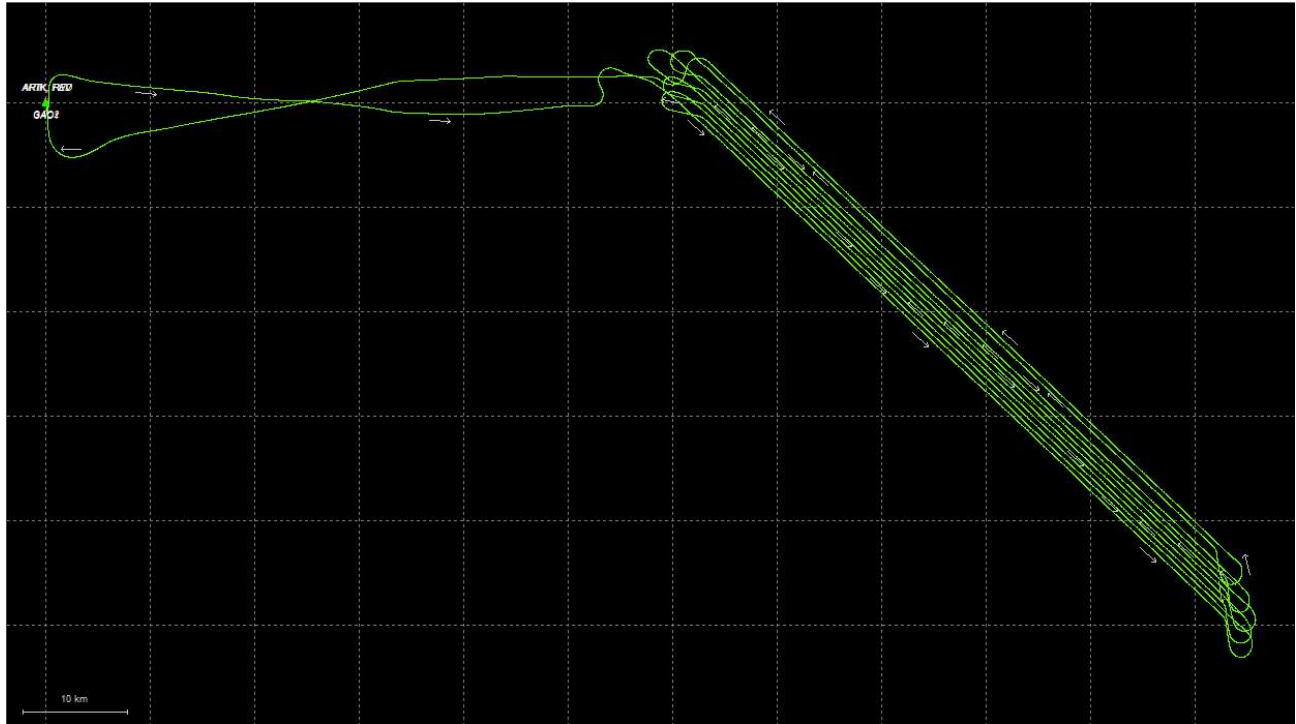


Process	20210430_002403_29	by Unknown	on 5/3/2021	at 14:35:35
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Output Results for 20210514_003850_30

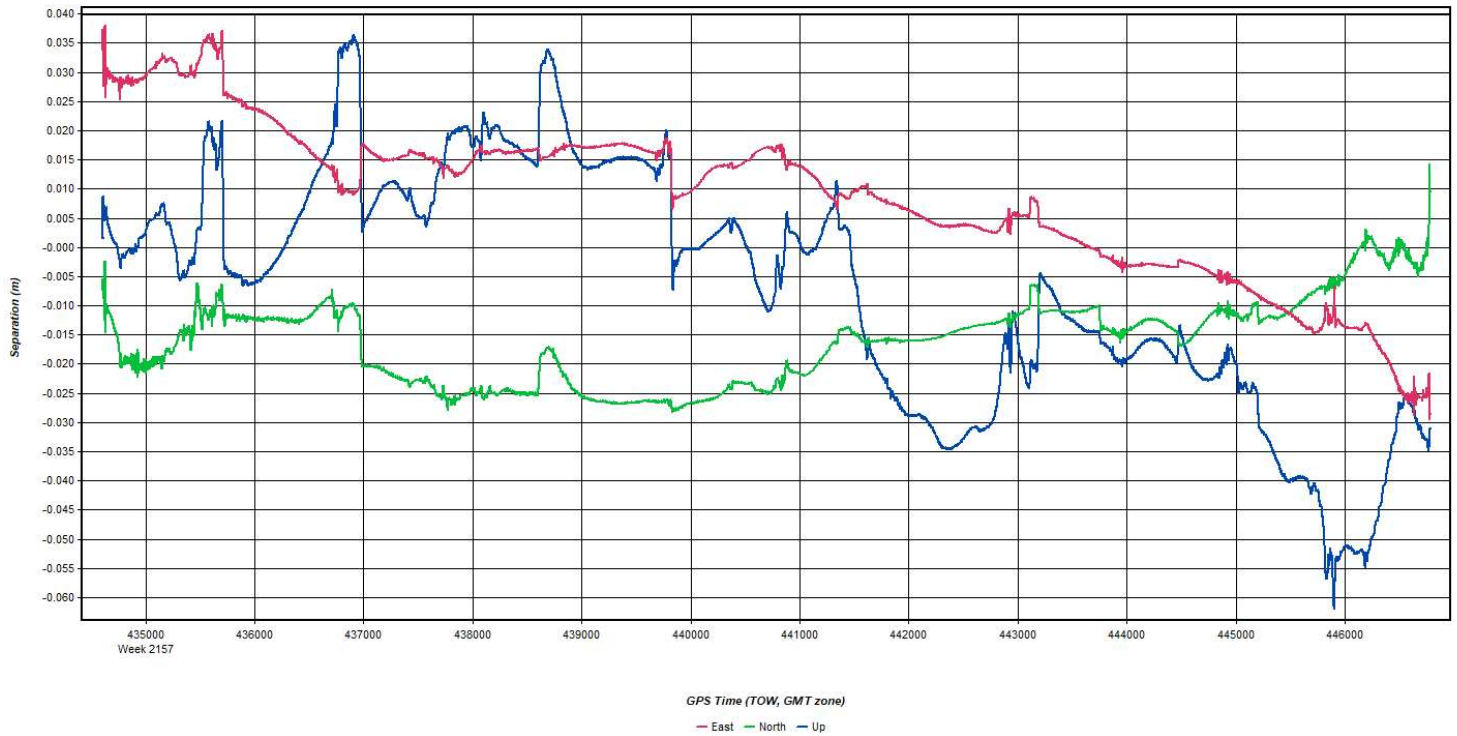
Inertial Explorer Version 8.90.2124
05/18/2021

Figure 1: Smoothed TC Combined - Map



Process	20210514_003850_30	by Unknown	on 5/18/2021	at 11:08:36
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Figure 2: 20210514_003850_30 [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot



Process	20210514_003850_30	by Unknown	on 5/18/2021	at 11:08:36
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Figure 3: 20210514_003850_30 [Smoothed TC Combined] - Float or Fixed Ambiguity

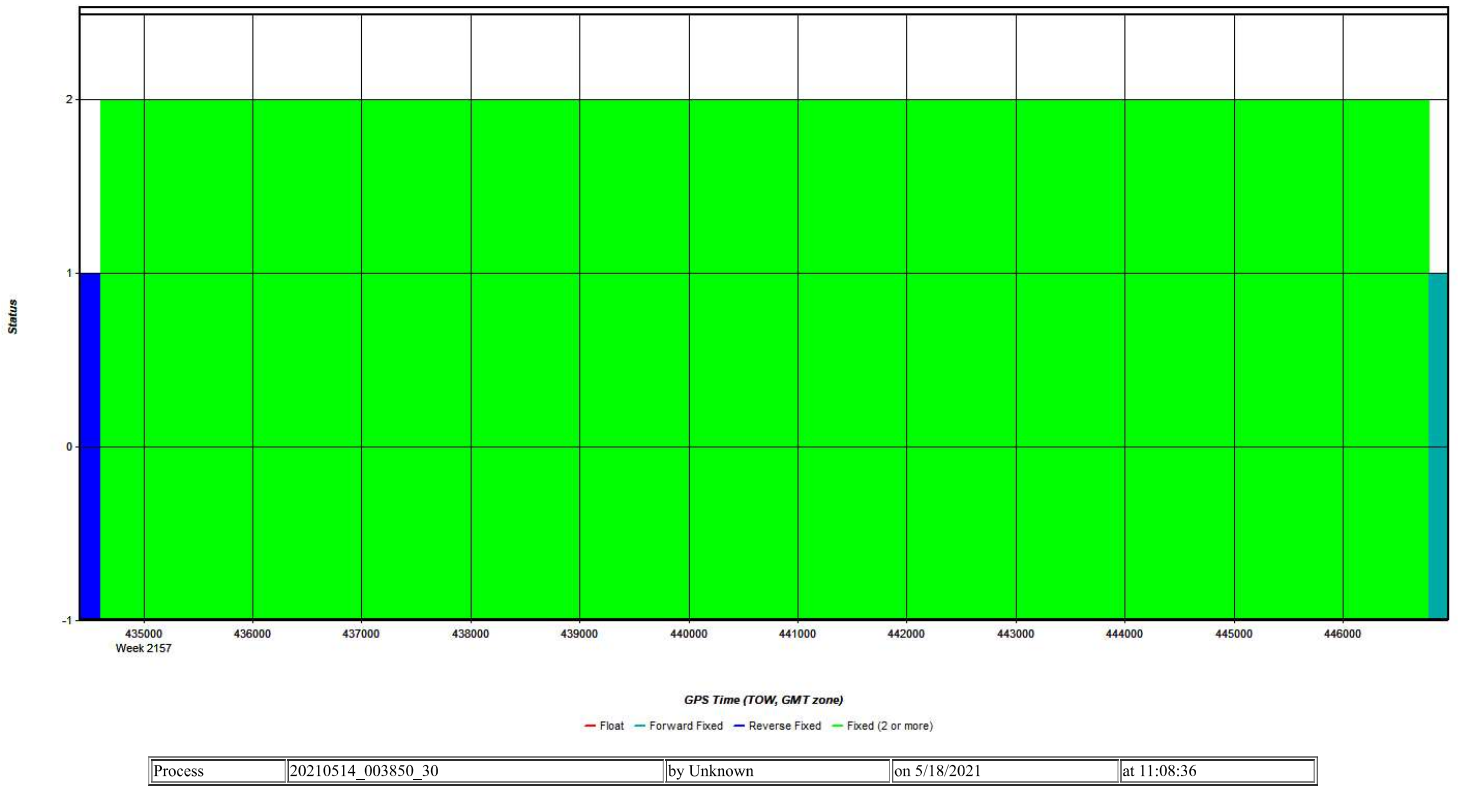


Figure 4: 20210514_003850_30 [Smoothed TC Combined] - Forward/Reverse Separation Plot (Fixed)

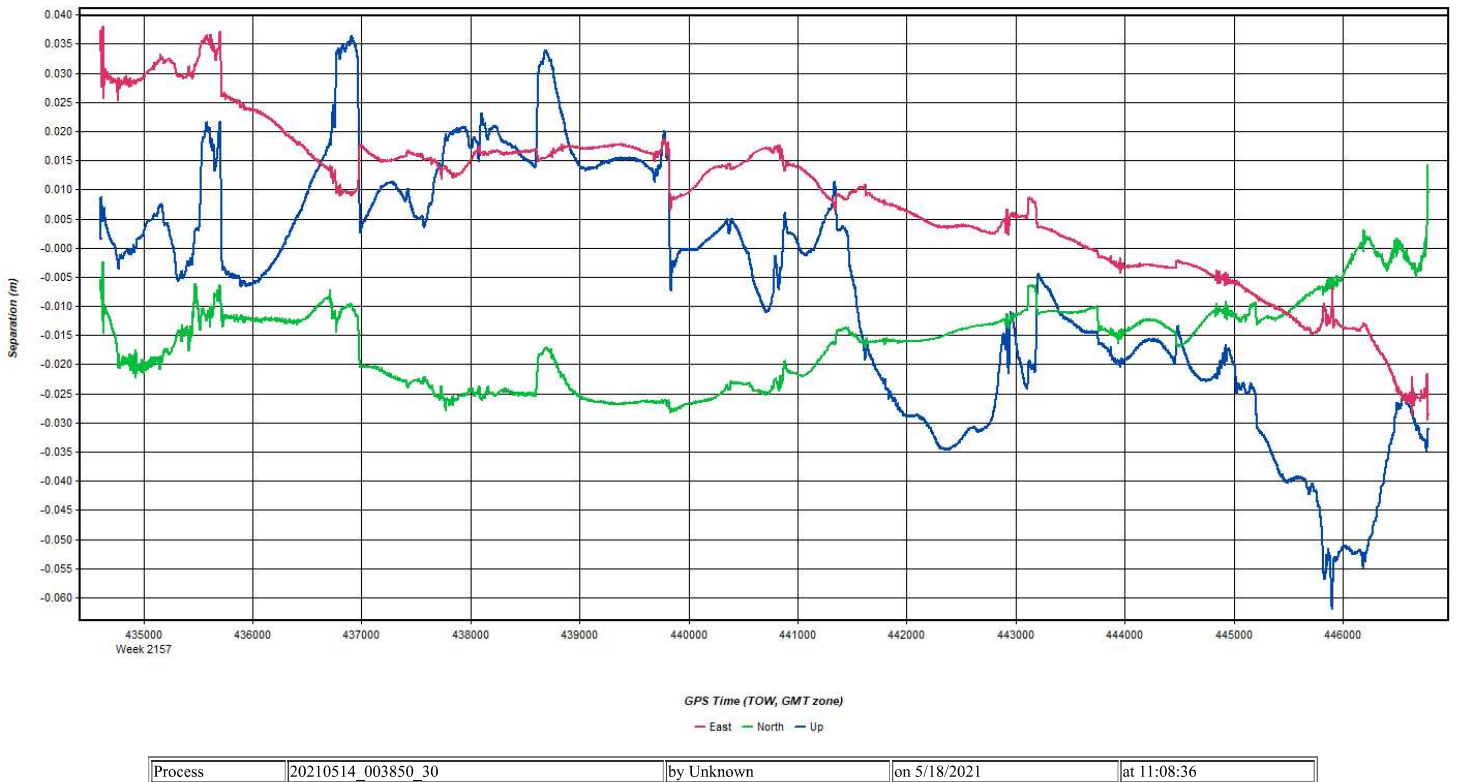
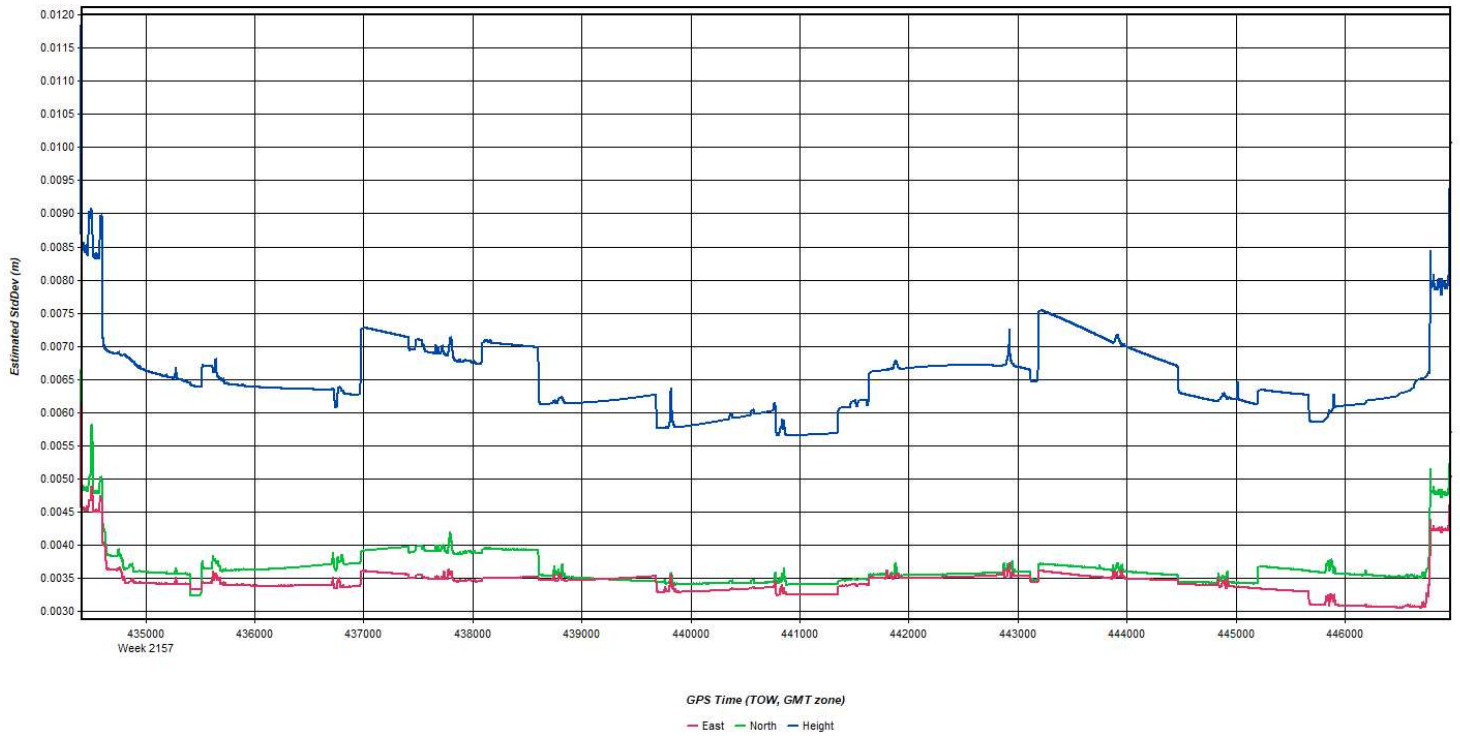
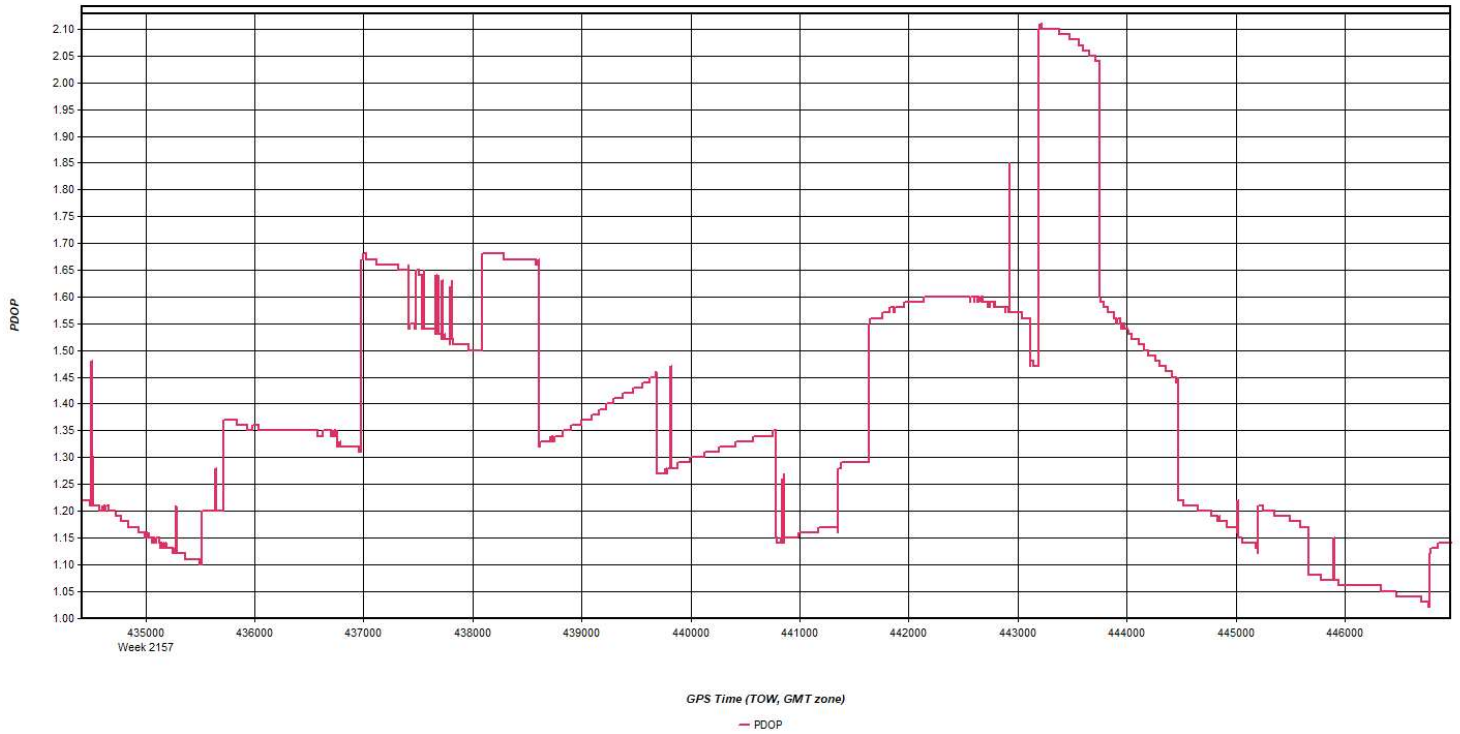


Figure 5: 20210514_003850_30 [Smoothed TC Combined] - Estimated Position Accuracy Plot



Process	20210514_003850_30	by Unknown	on 5/18/2021	at 11:08:36
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Figure 6: 20210514_003850_30 [Smoothed TC Combined] - PDOP Plot



Process	20210514_003850_30	by Unknown	on 5/18/2021	at 11:08:36
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Figure 7: 20210514_003850_30 [Smoothed TC Combined] - Number of Satellites Line Plot

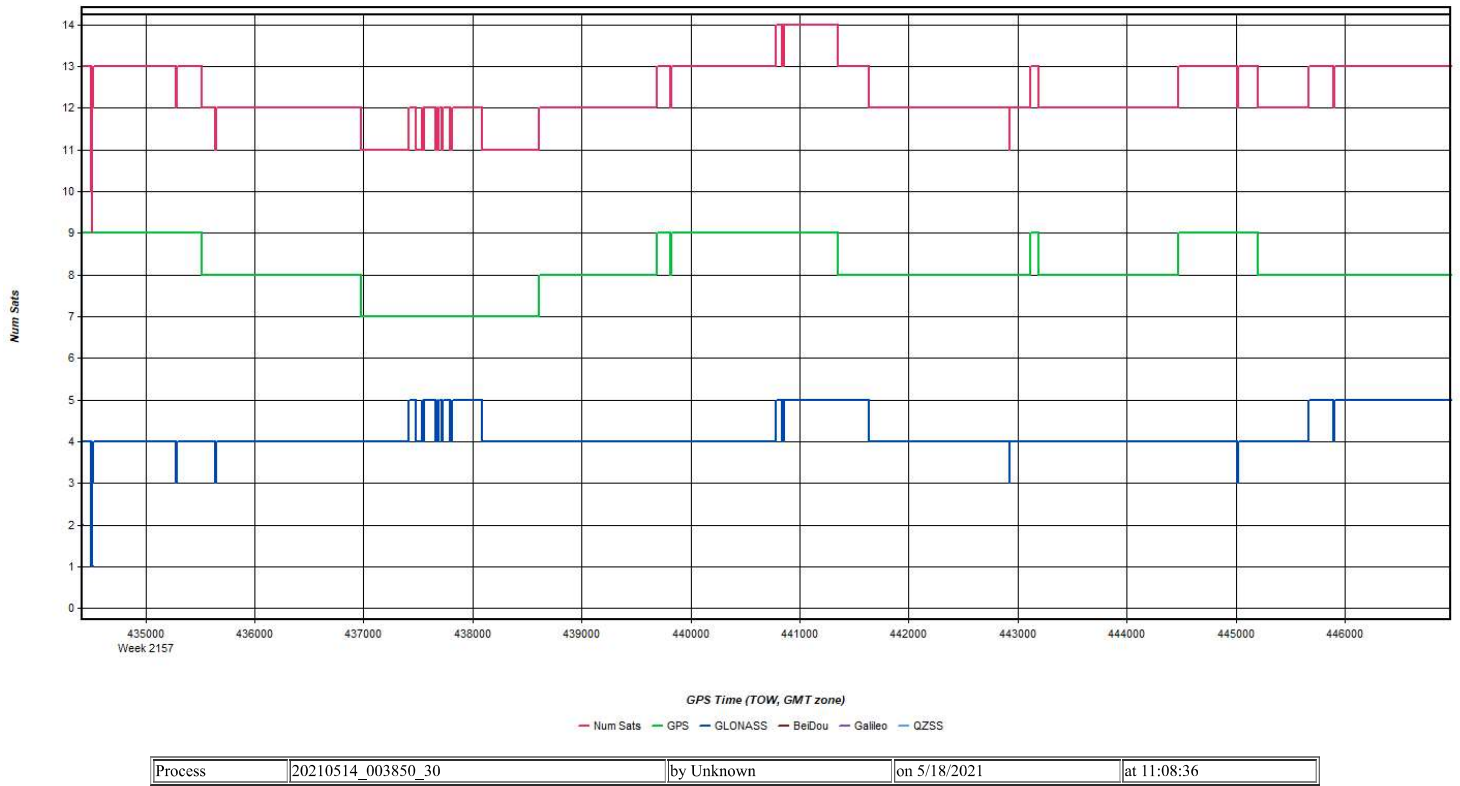


Figure 8: 20210514_003850_30 [Smoothed TC Combined] - Status flag for IMU processing

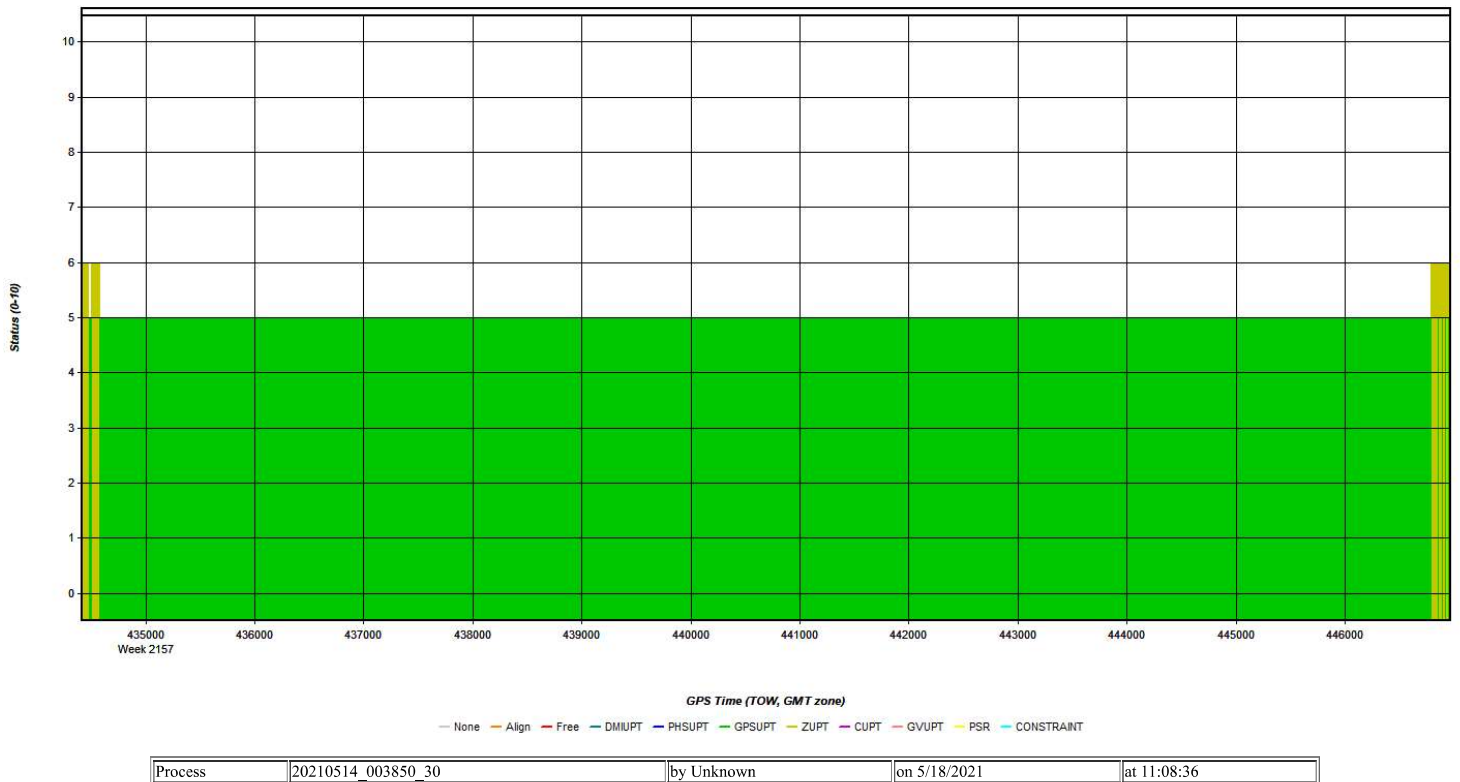


Figure 9: 20210514_003850_30 [Smoothed TC Combined] - Fwd/Rev Attitude Separation Plot

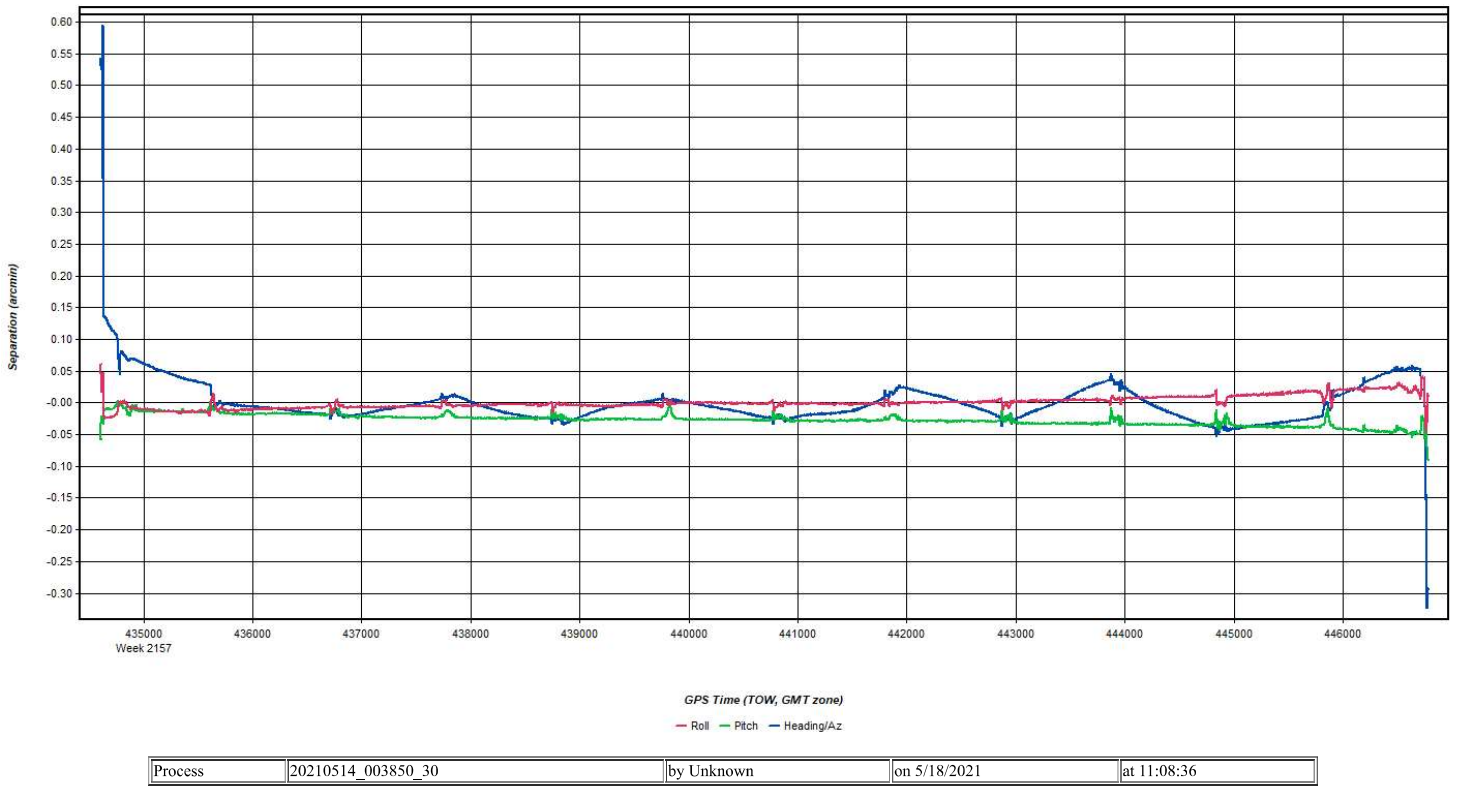


Figure 10: 20210514_003850_30 [Smoothed TC Combined] - Estimated Attitude Accuracy Plot

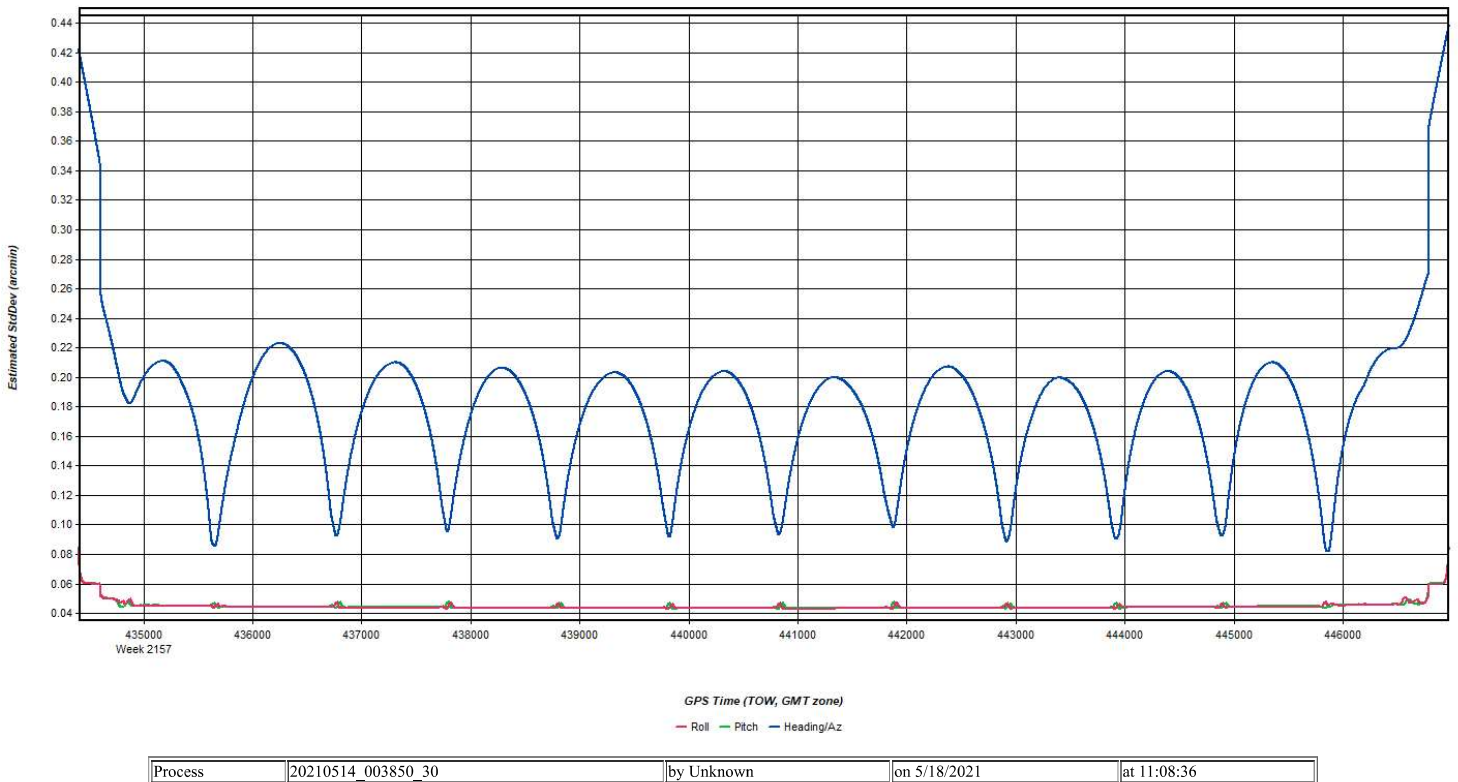


Figure 11: 20210514_003850_30 [Smoothed TC Combined] - Azimuth Plot

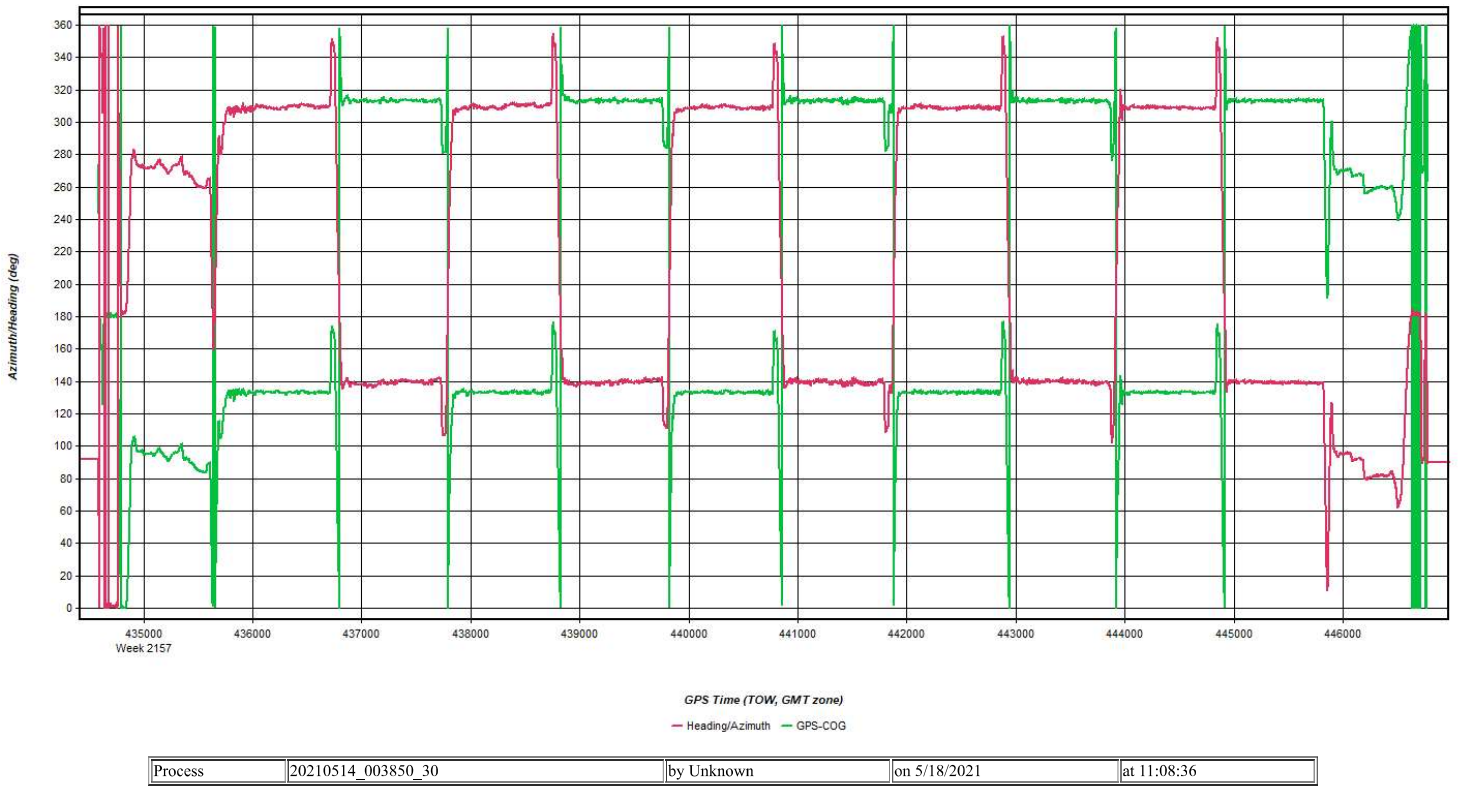


Figure 12: 20210514_003850_30 [Smoothed TC Combined] - Roll & Pitch Plot

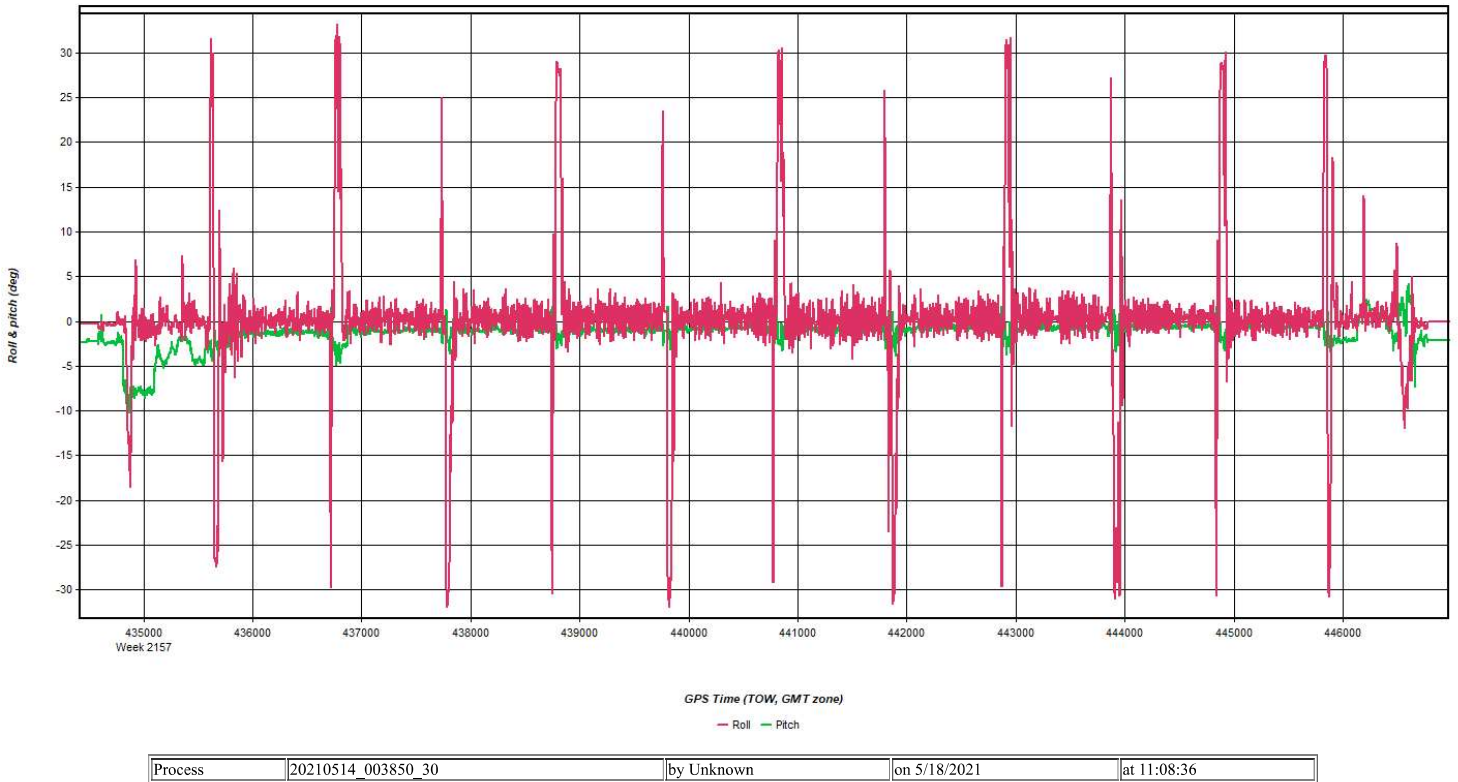


Figure 13: 20210514_003850_30 [Smoothed TC Combined] - Velocity Profile Plot

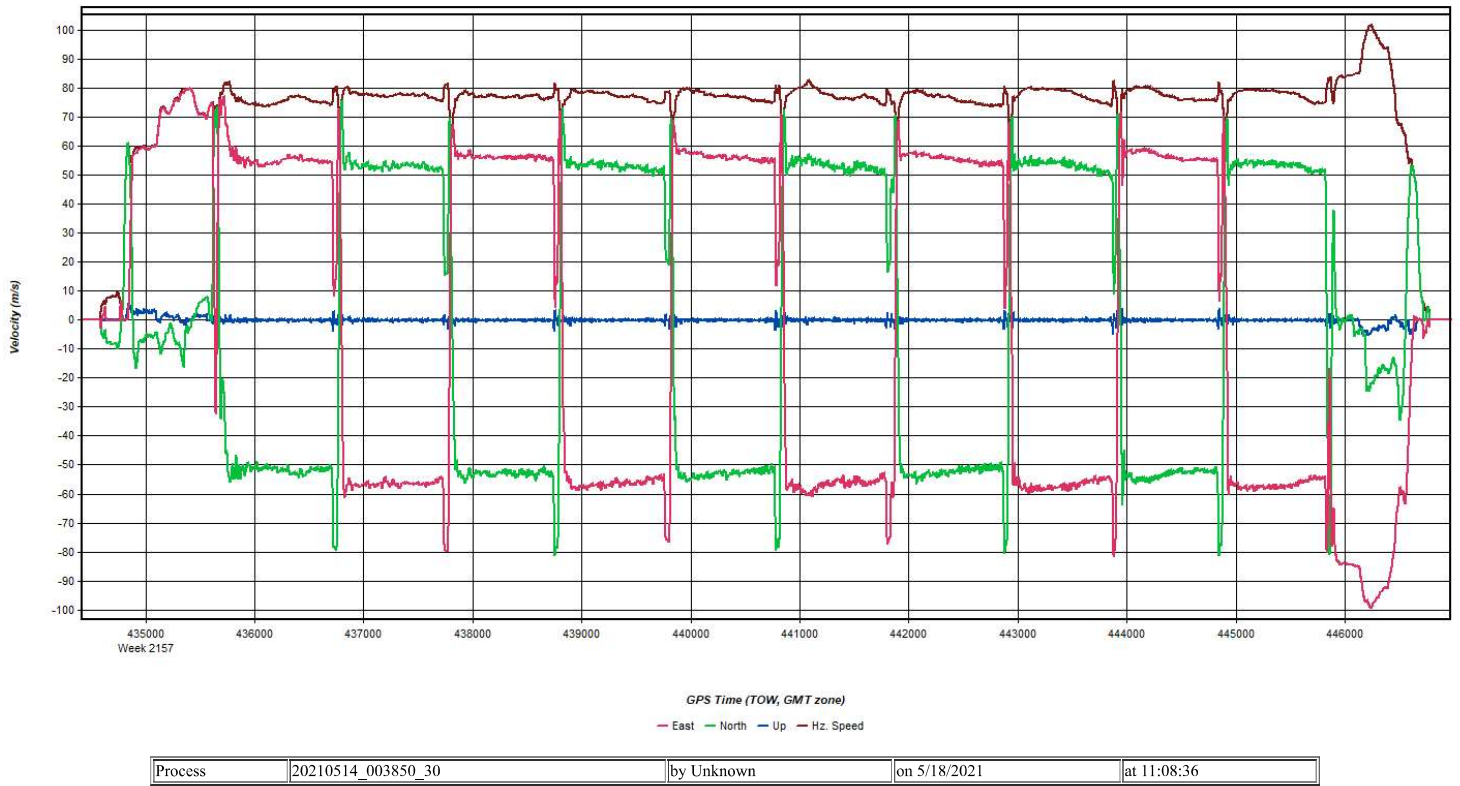


Figure 14: 20210514_003850_30 [Smoothed TC Combined] - Body Frame Velocity Plot

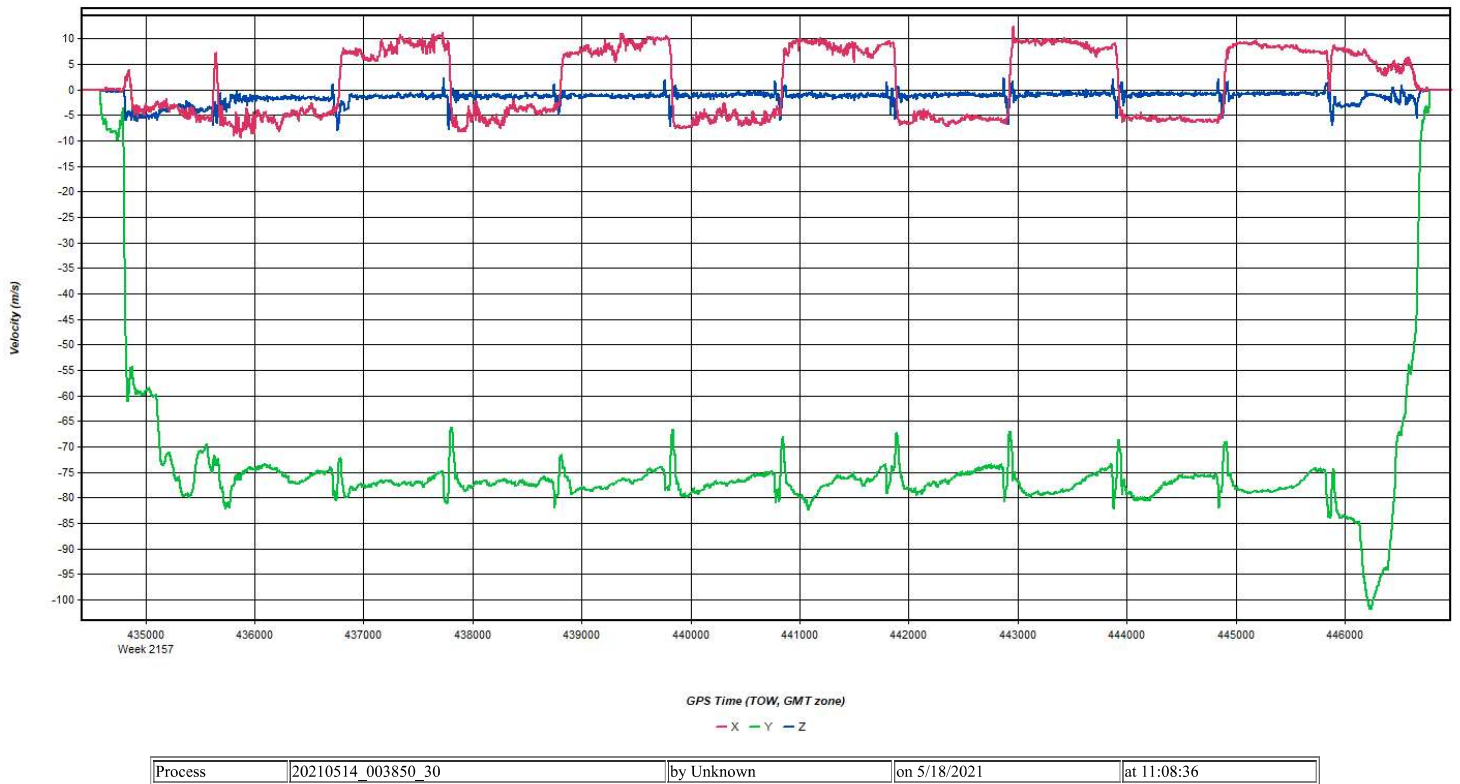
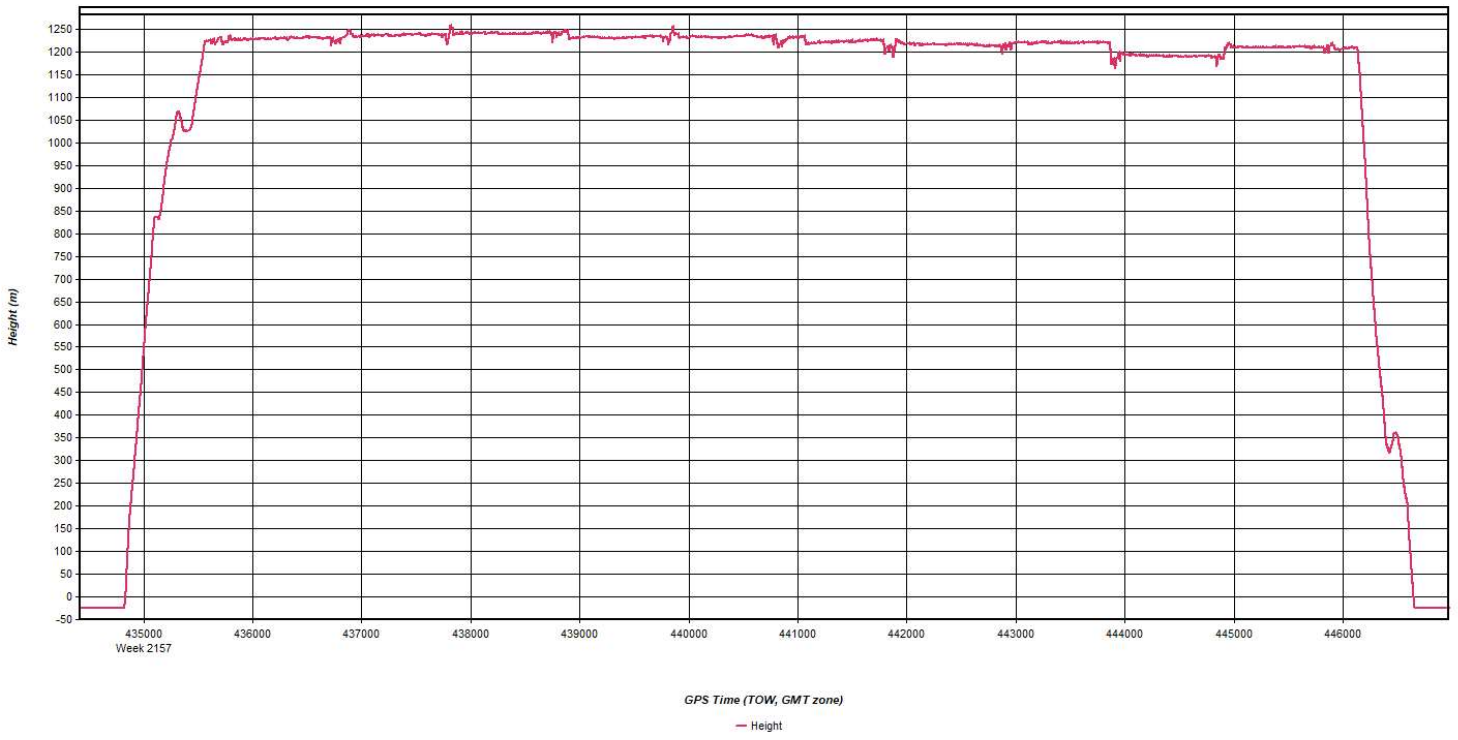
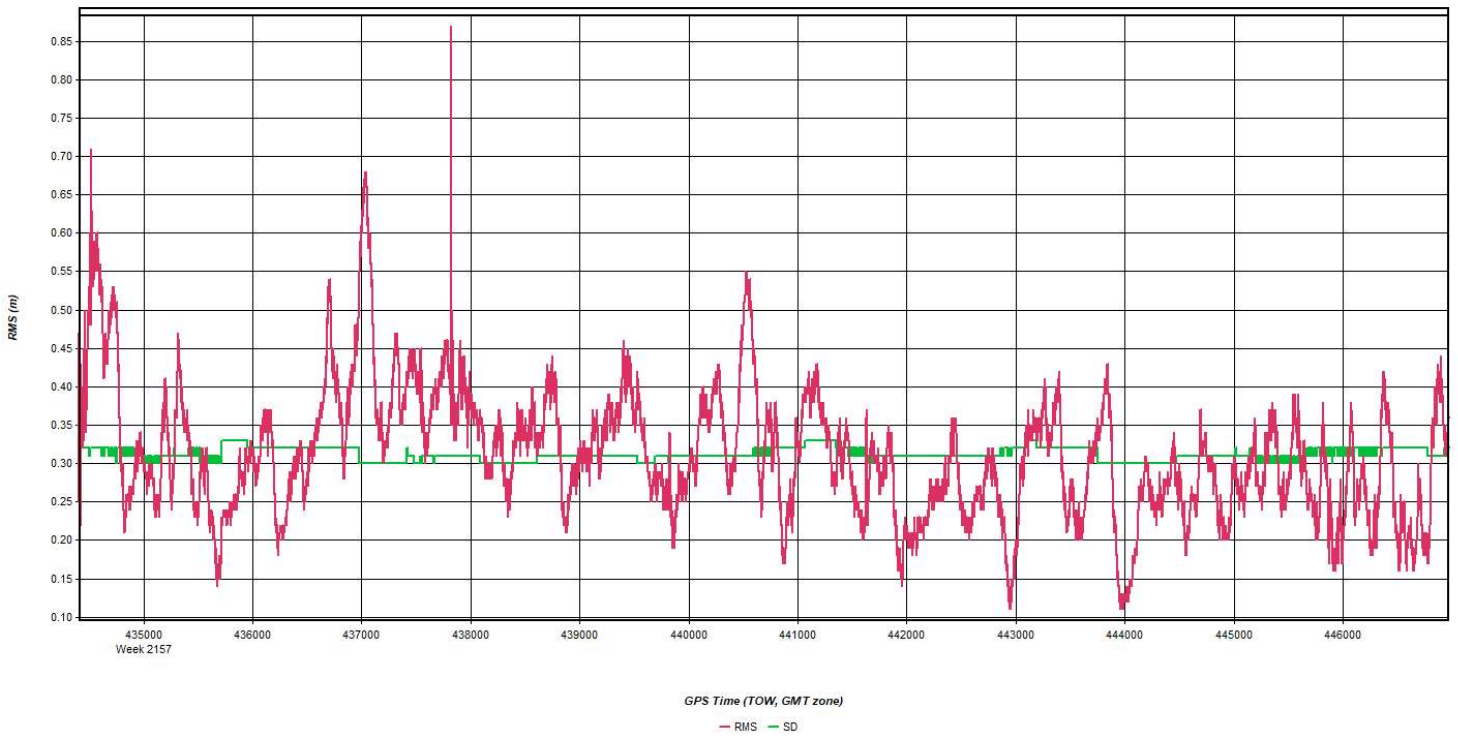


Figure 15: 20210514_003850_30 [Smoothed TC Combined] - Height Profile Plot



Process	20210514_003850_30	by Unknown	on 5/18/2021	at 11:08:36
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Figure 16: 20210514_003850_30 [Smoothed TC Combined] - C/A Code Residual RMS Plot



Process	20210514_003850_30	by Unknown	on 5/18/2021	at 11:08:36
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Figure 17: 20210514_003850_30 [Smoothed TC Combined] - Carrier Residual RMS Plot

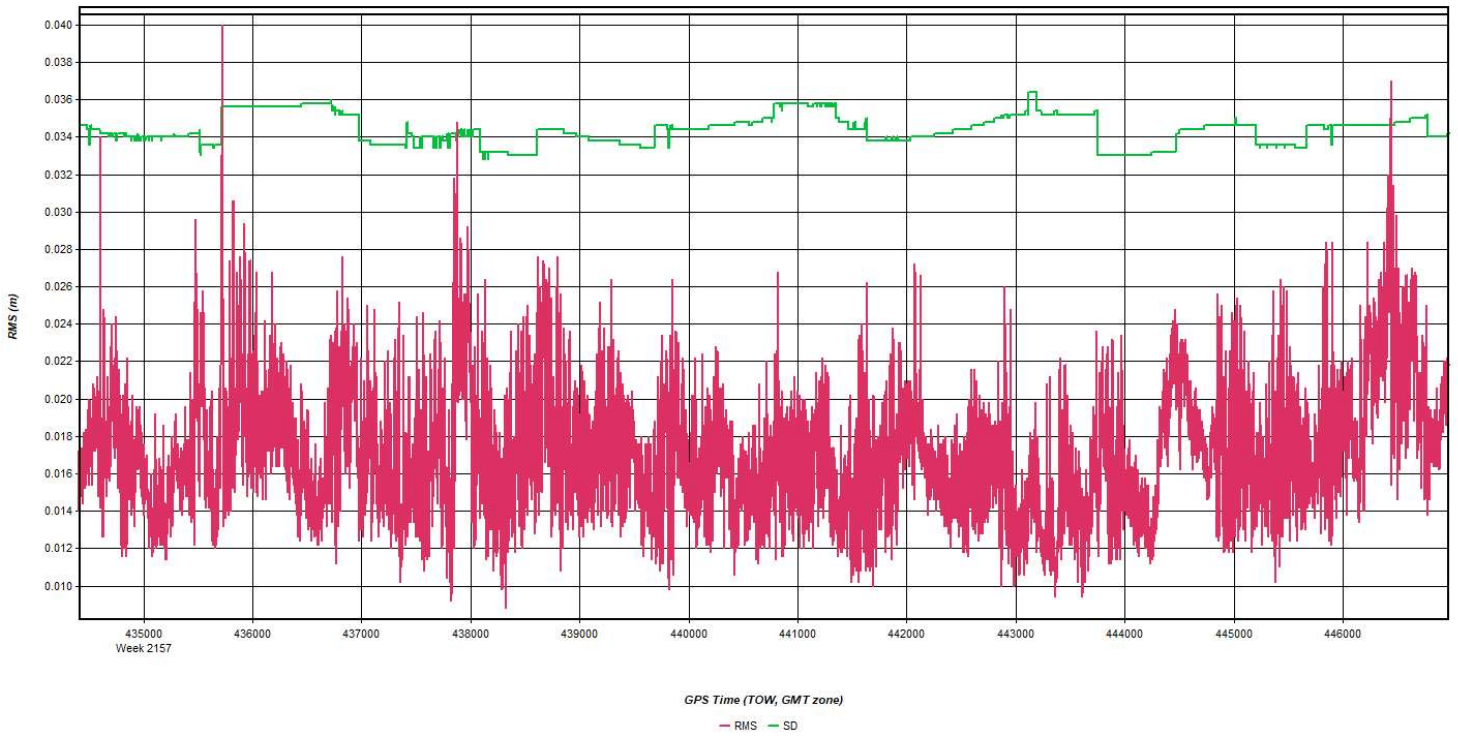


Figure 18: 20210514_003850_30 [Smoothed TC Combined] - L1 Doppler Residual RMS Plot

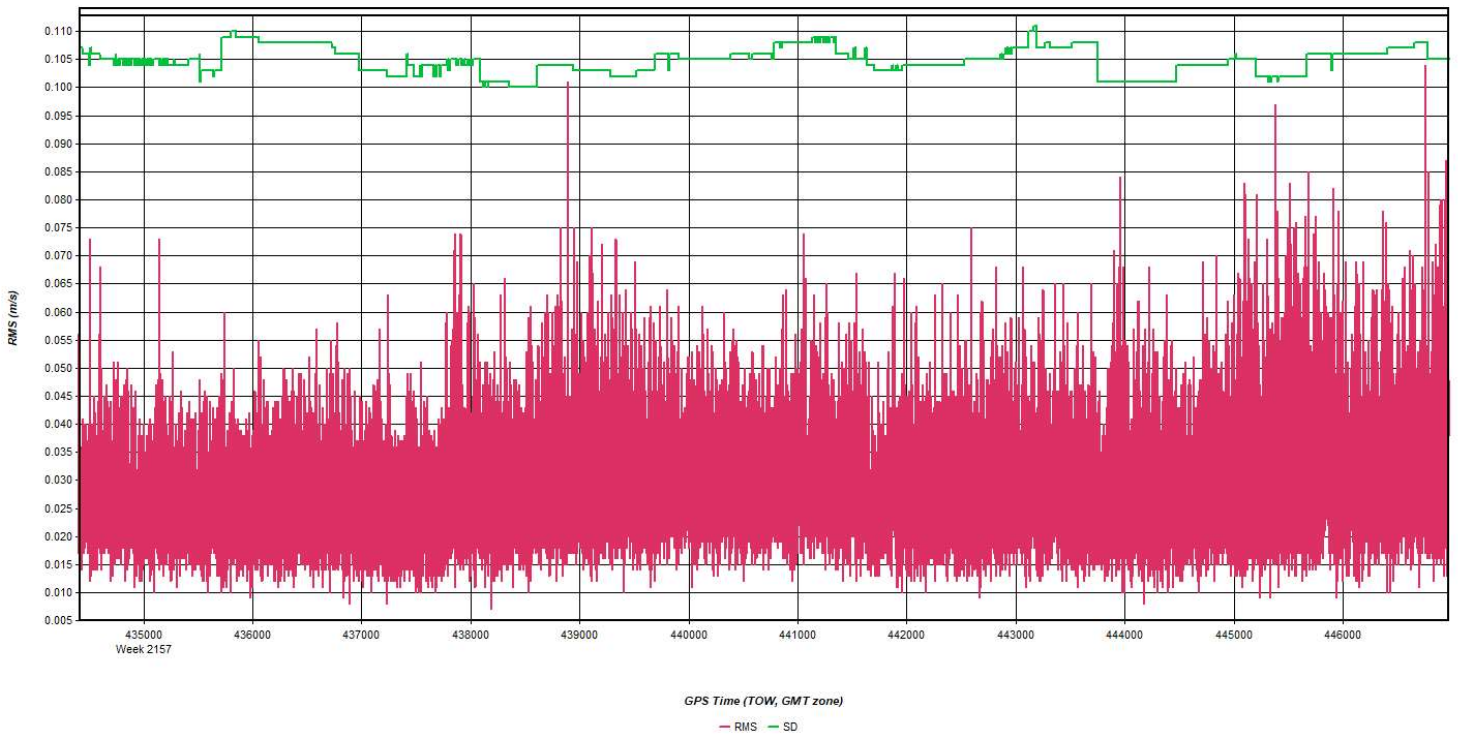
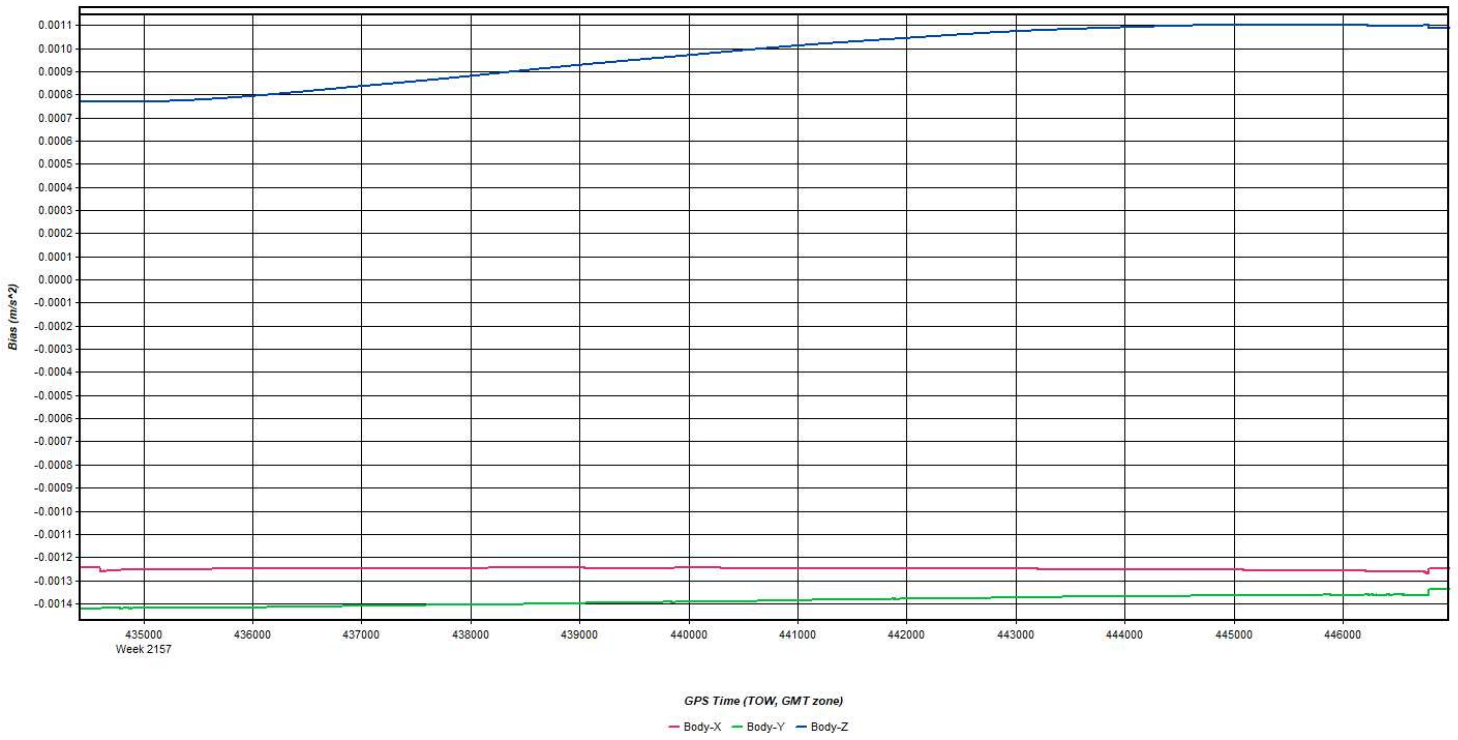
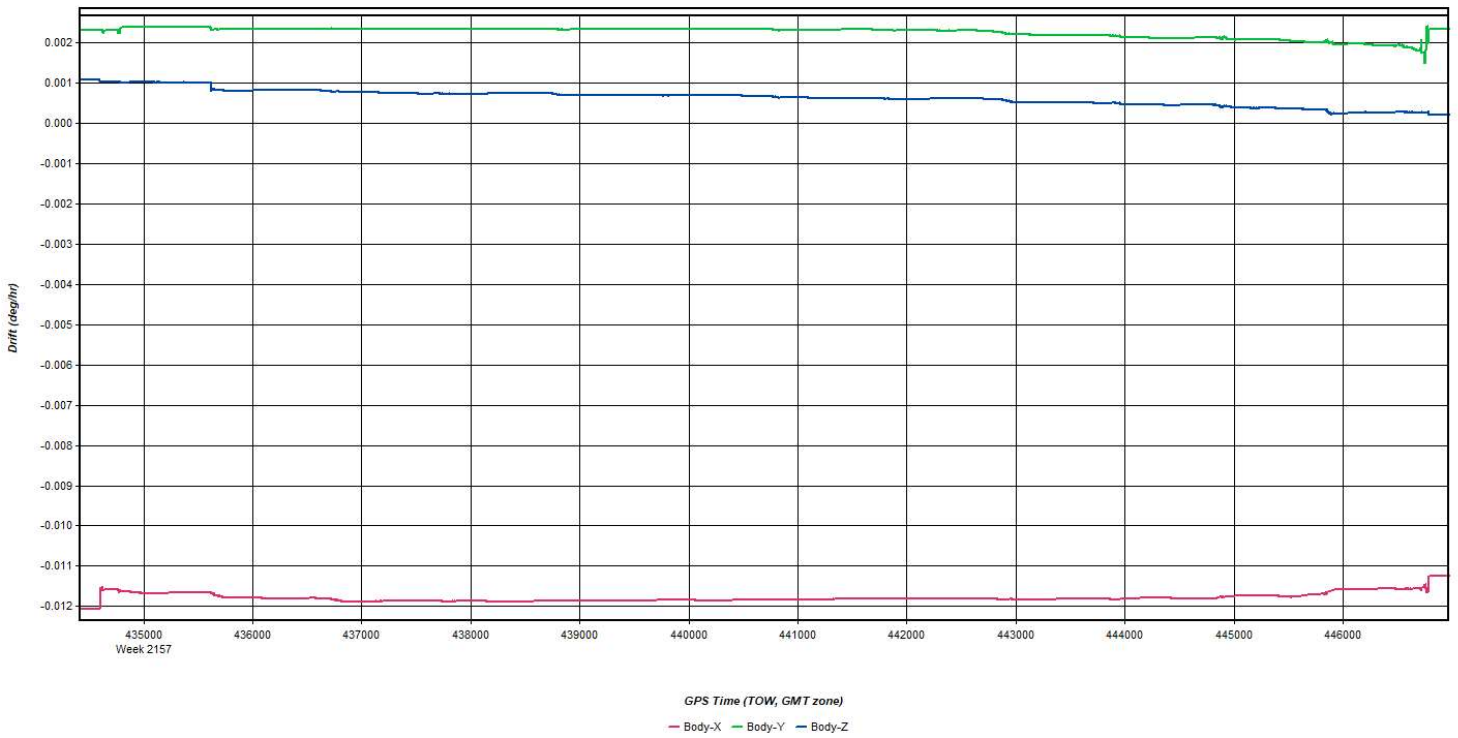


Figure 19: 20210514_003850_30 [Smoothed TC Combined] - Accelerometer Bias Plot



Process	20210514_003850_30	by Unknown	on 5/18/2021	at 11:08:36
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Figure 20: 20210514_003850_30 [Smoothed TC Combined] - Gyro Drift Plot

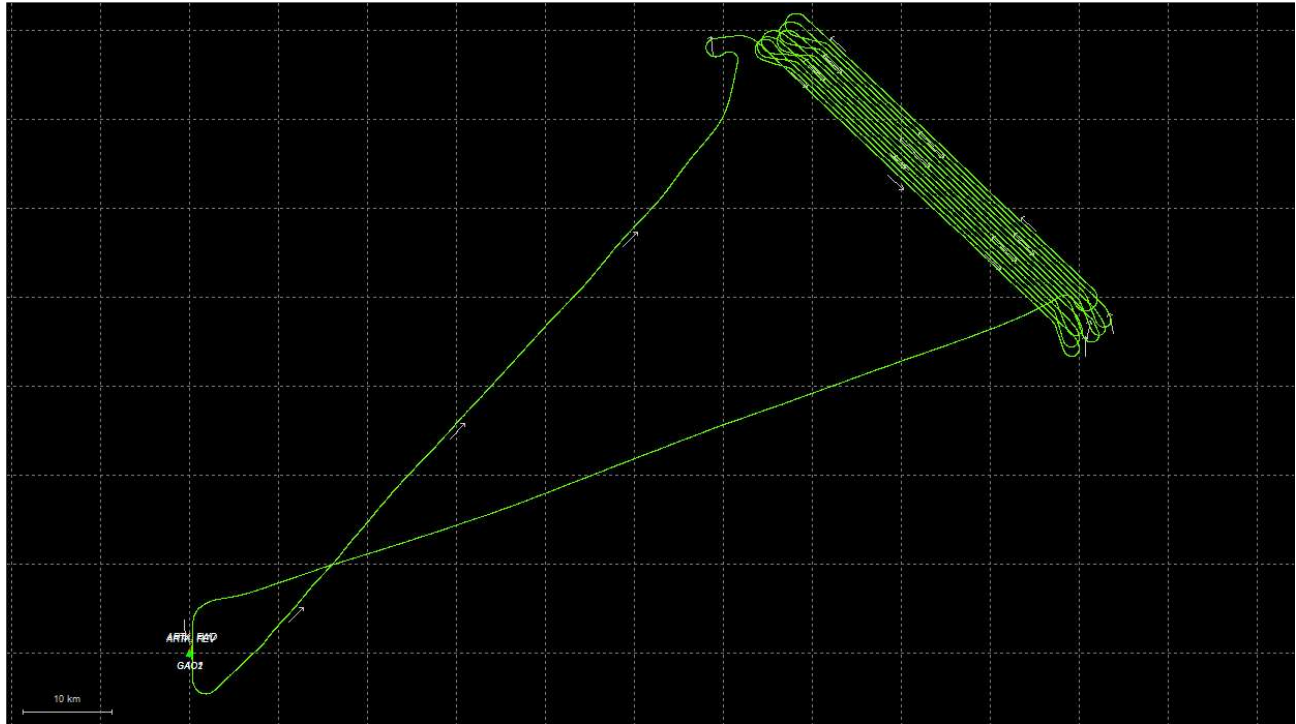


Process	20210514_003850_30	by Unknown	on 5/18/2021	at 11:08:36
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Output Results for 20210514_045250_31

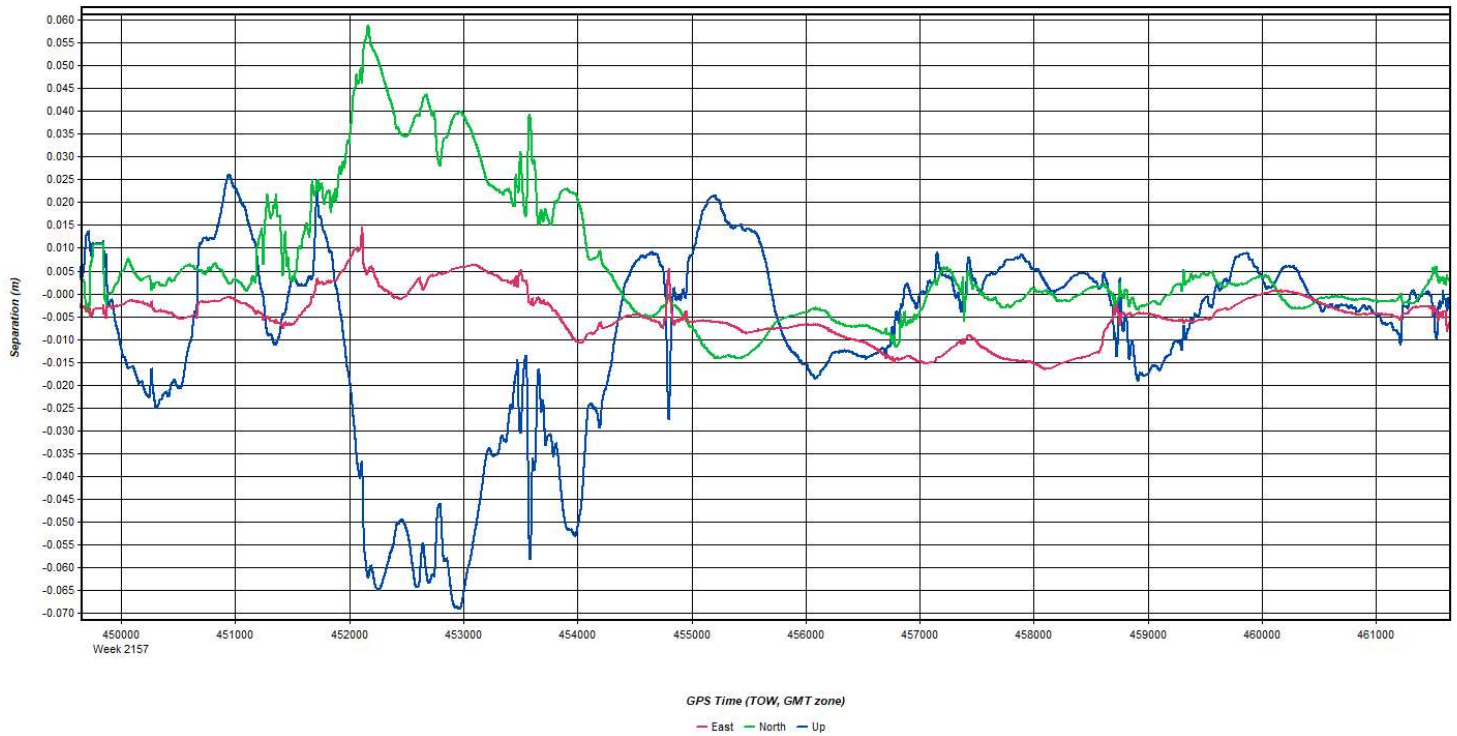
Inertial Explorer Version 8.90.2124
05/18/2021

Figure 1: Smoothed TC Combined - Map



Process	20210514_045250_31	by Unknown	on 5/18/2021	at 14:01:00
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Figure 2: 20210514_045250_31 [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot



Process	20210514_045250_31	by Unknown	on 5/18/2021	at 14:01:00
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Figure 3: 20210514_045250_31 [Smoothed TC Combined] - Float or Fixed Ambiguity

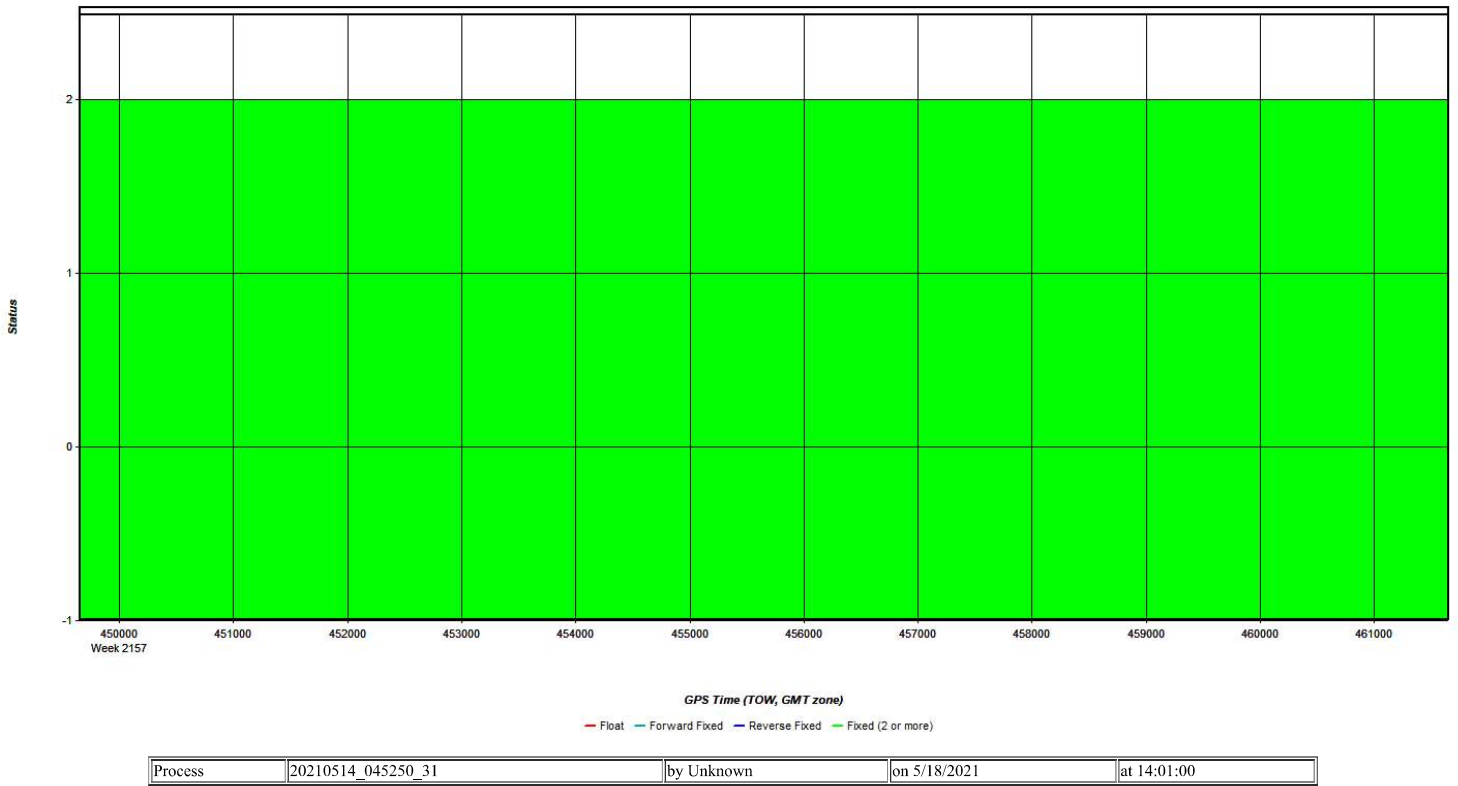


Figure 4: 20210514_045250_31 [Smoothed TC Combined] - Forward/Reverse Separation Plot (Fixed)

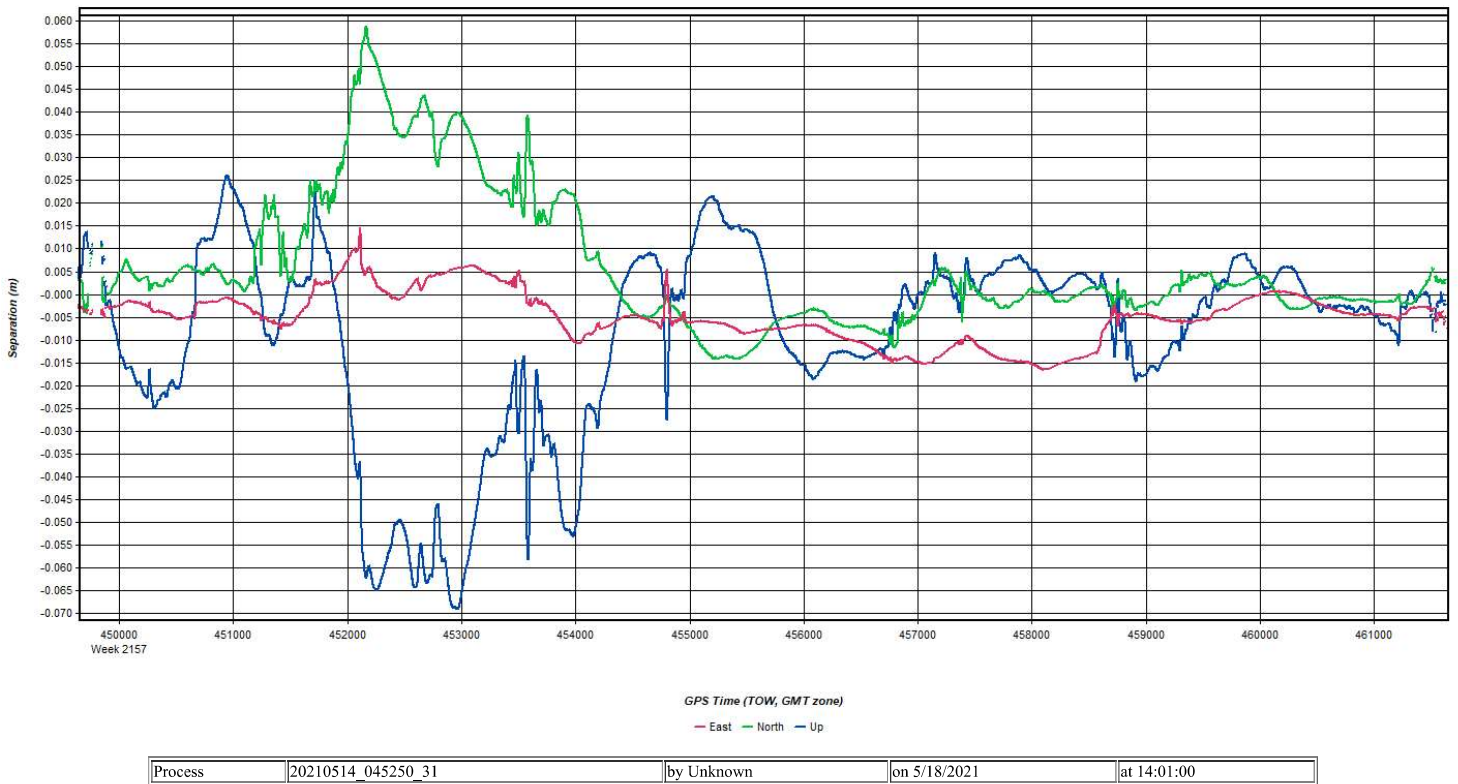
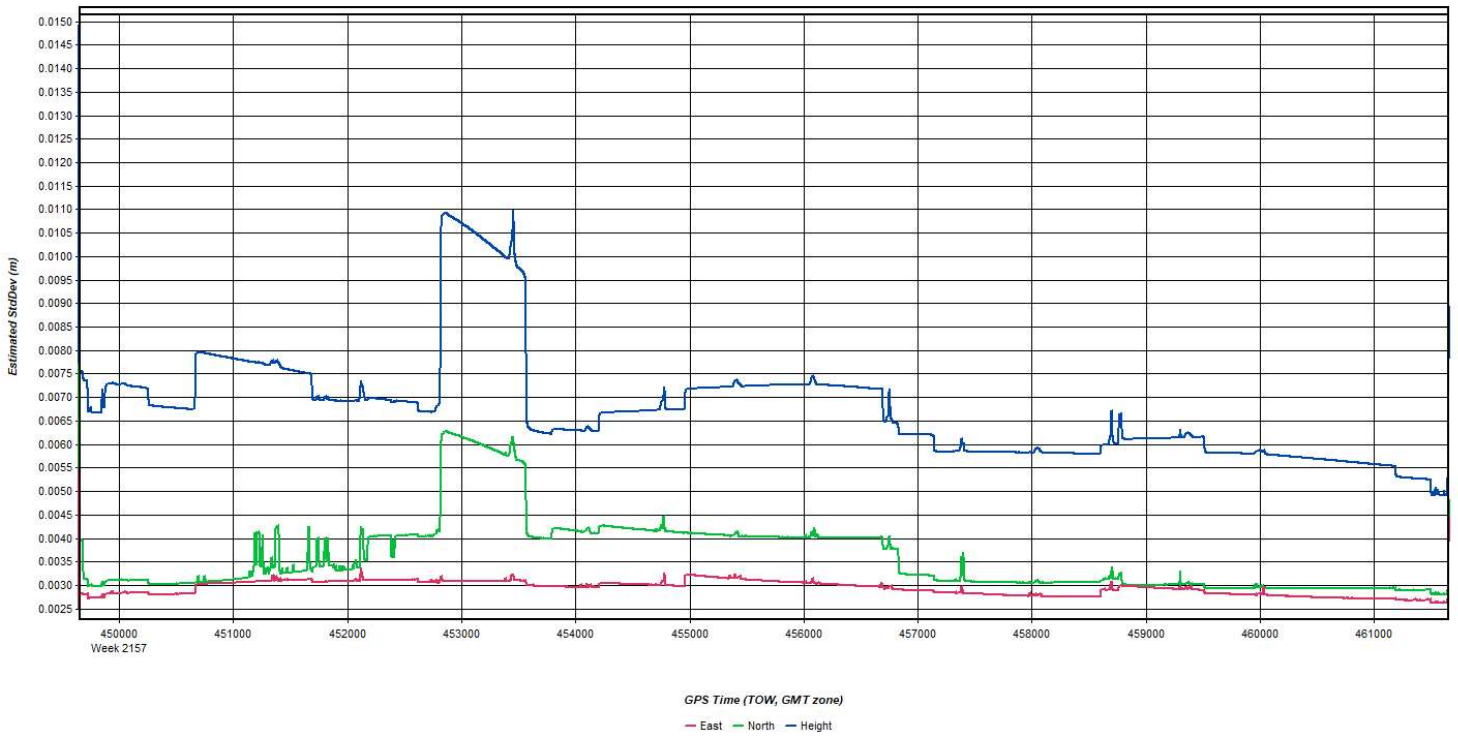
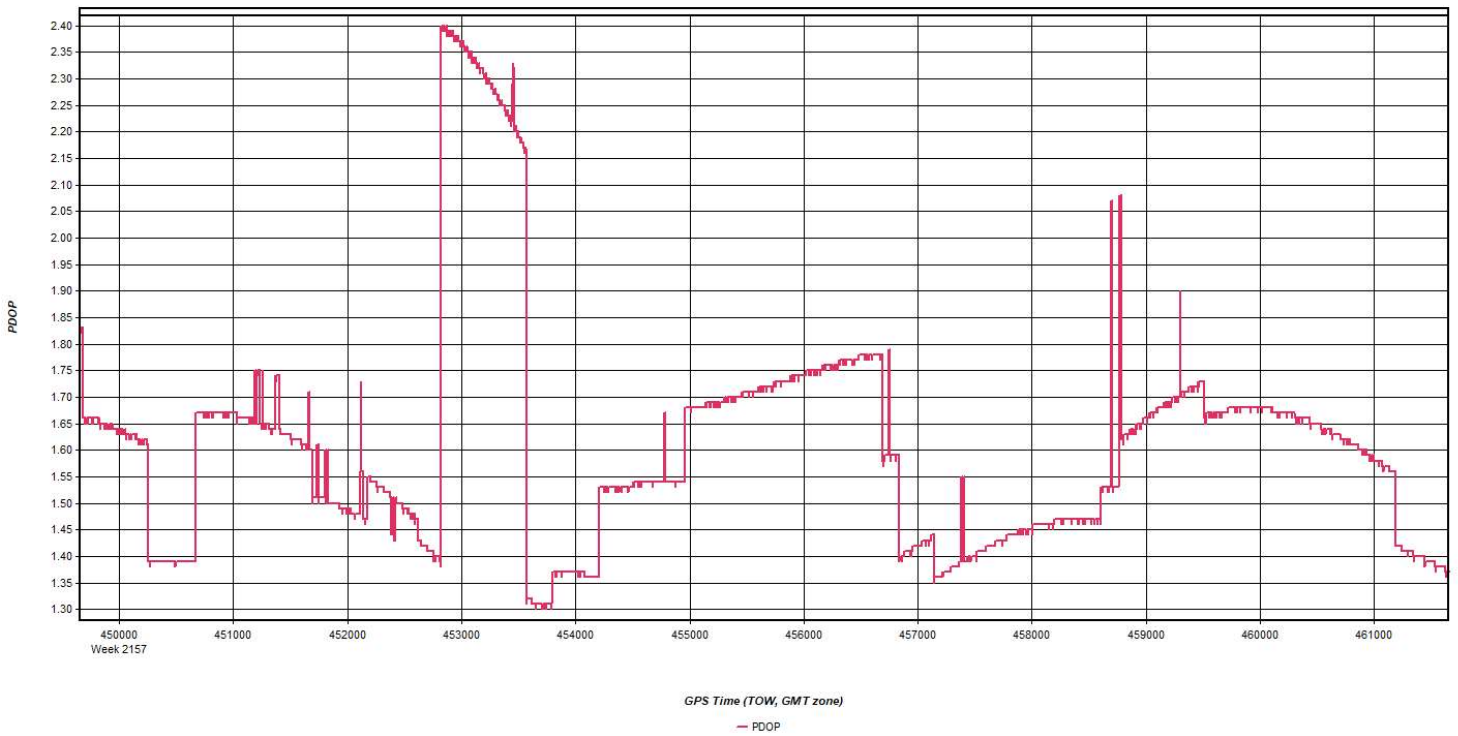


Figure 5: 20210514_045250_31 [Smoothed TC Combined] - Estimated Position Accuracy Plot



Process	20210514_045250_31	by Unknown	on 5/18/2021	at 14:01:00
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Figure 6: 20210514_045250_31 [Smoothed TC Combined] - PDOP Plot



Process	20210514_045250_31	by Unknown	on 5/18/2021	at 14:01:00
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Figure 7: 20210514_045250_31 [Smoothed TC Combined] - Number of Satellites Line Plot

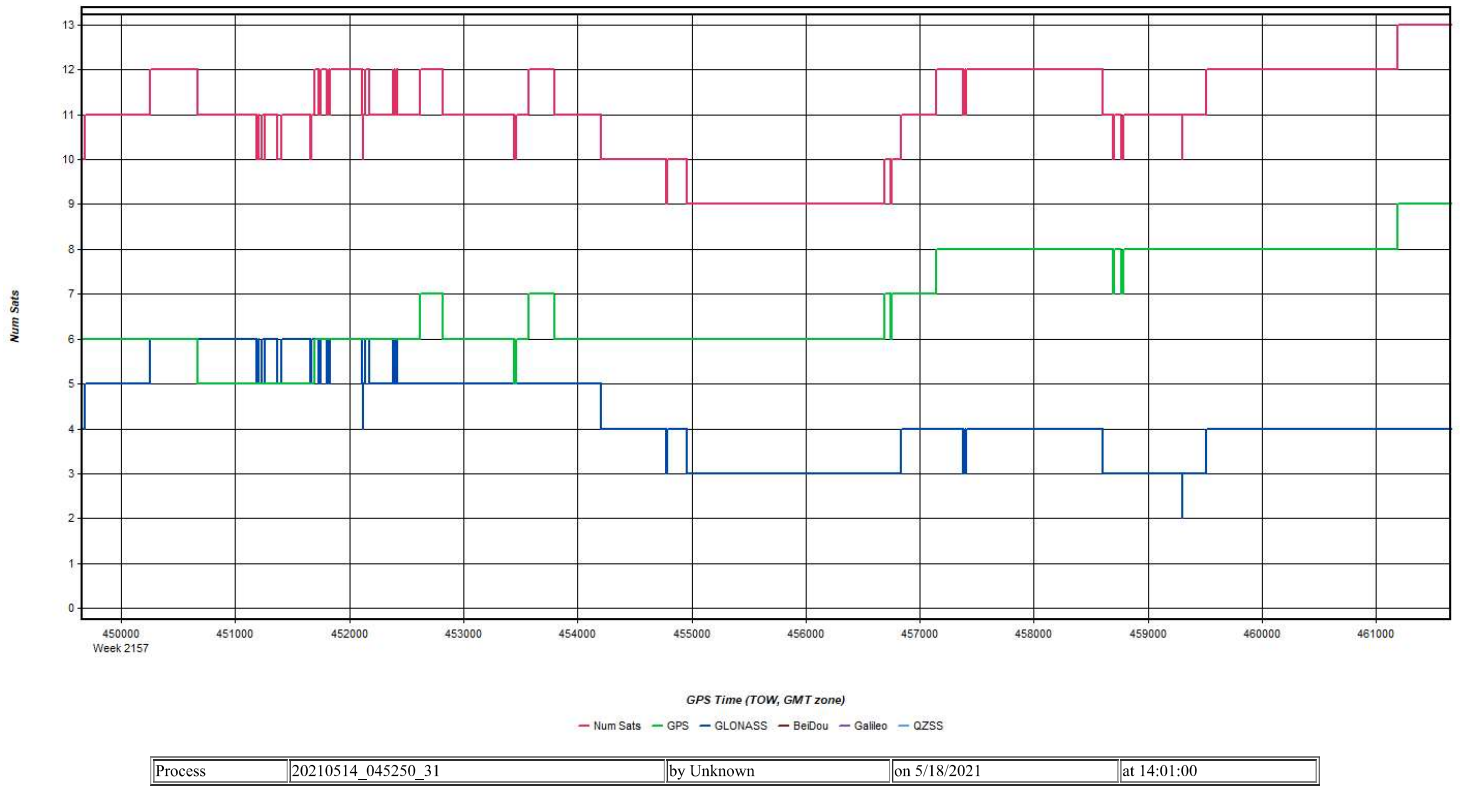


Figure 8: 20210514_045250_31 [Smoothed TC Combined] - Status flag for IMU processing

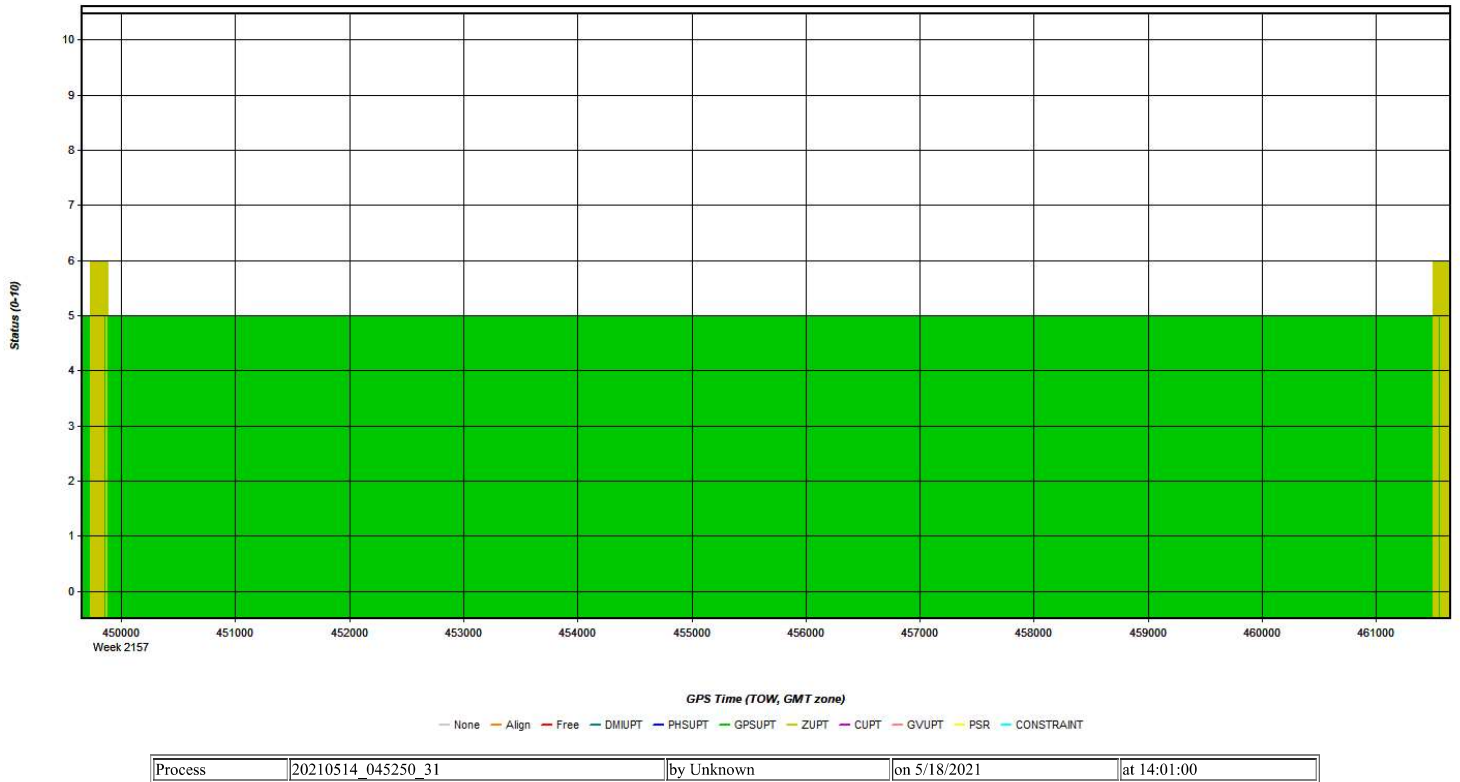
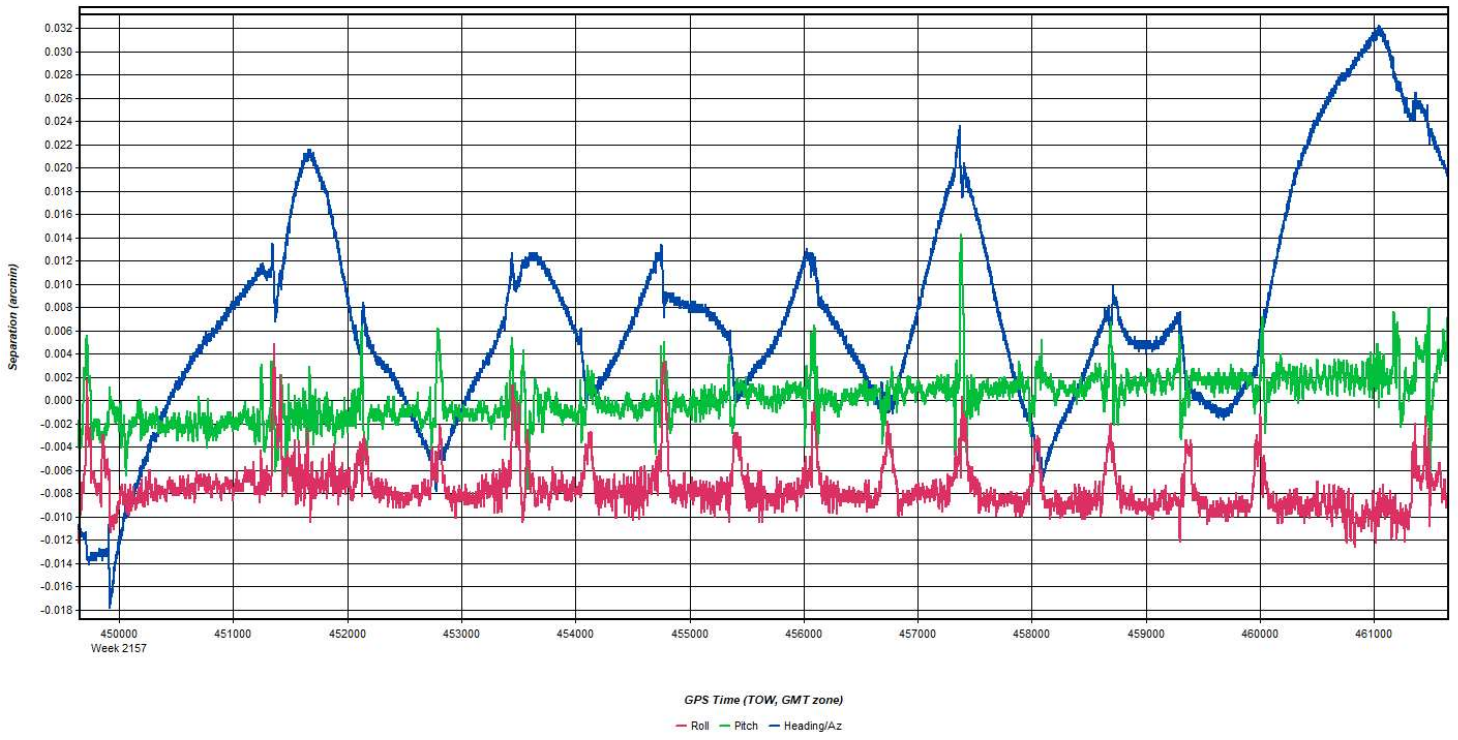
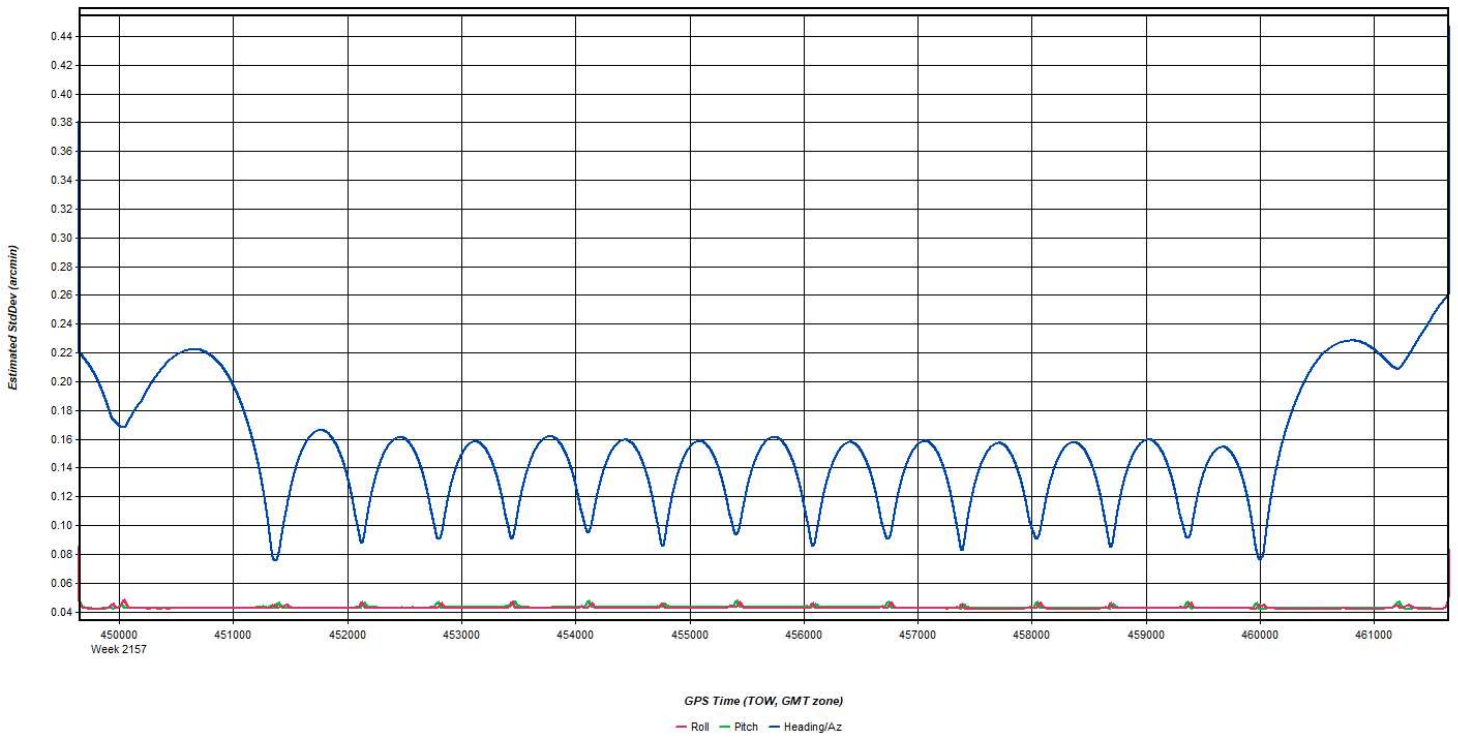


Figure 9: 20210514_045250_31 [Smoothed TC Combined] - Fwd/Rev Attitude Separation Plot



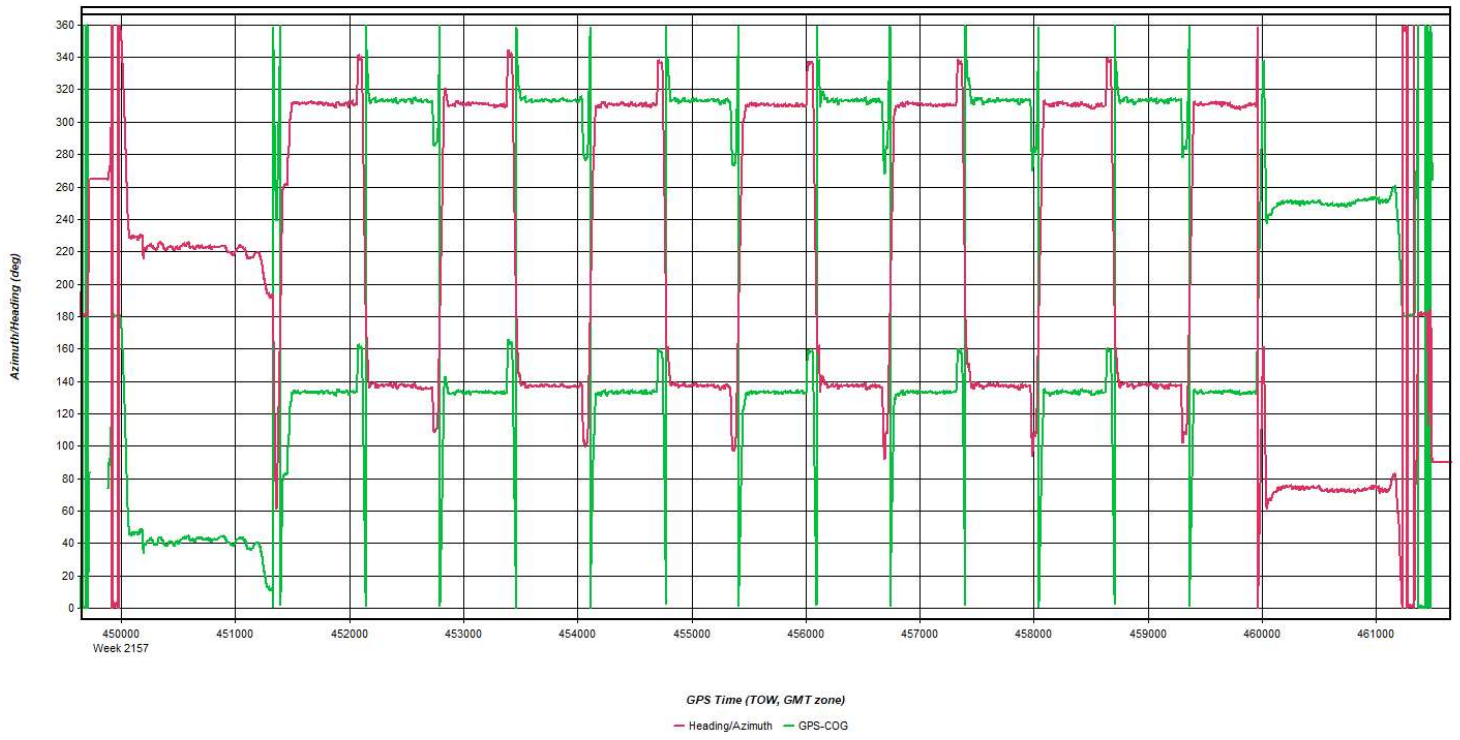
Process	20210514_045250_31	by Unknown	on 5/18/2021	at 14:01:00
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Figure 10: 20210514_045250_31 [Smoothed TC Combined] - Estimated Attitude Accuracy Plot



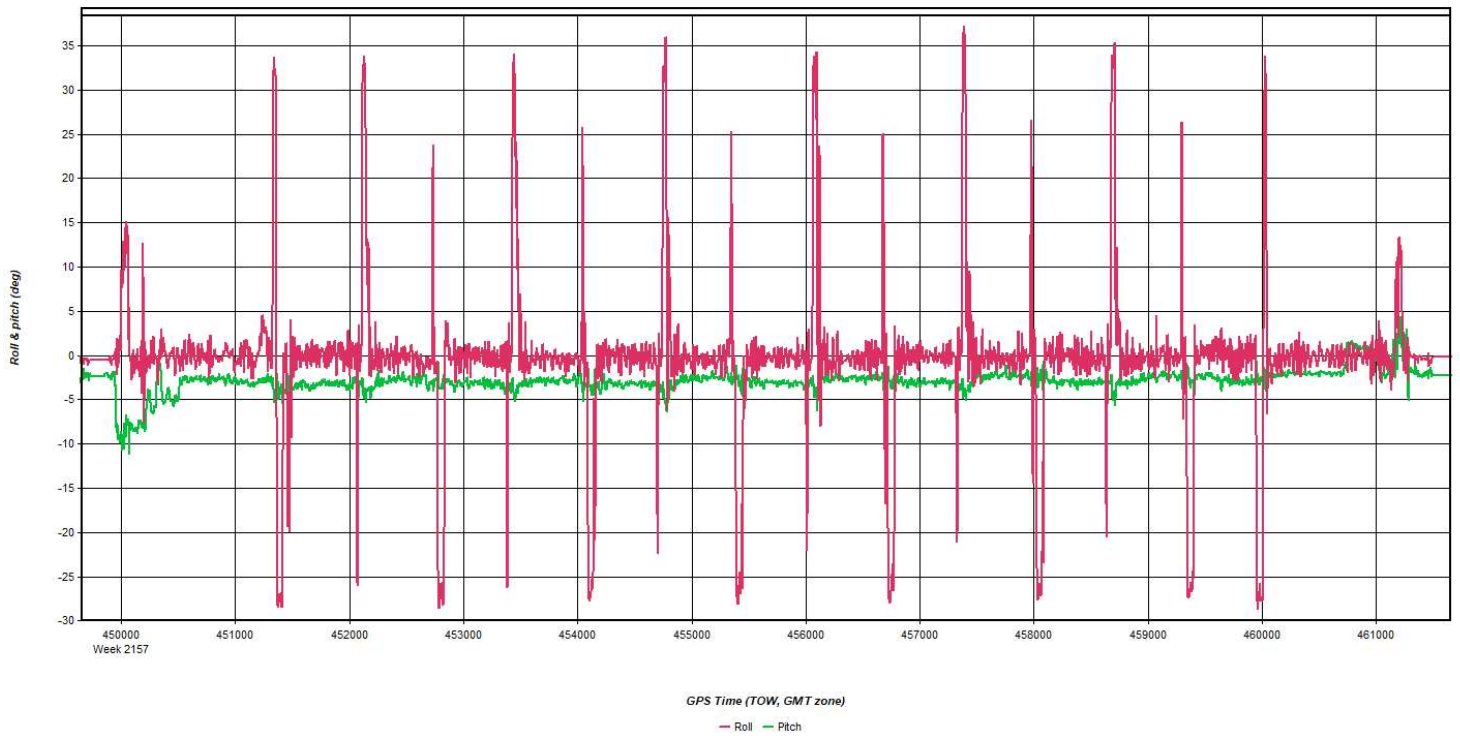
Process	20210514_045250_31	by Unknown	on 5/18/2021	at 14:01:00
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Figure 11: 20210514_045250_31 [Smoothed TC Combined] - Azimuth Plot



Process	20210514_045250_31	by Unknown	on 5/18/2021	at 14:01:00
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Figure 12: 20210514_045250_31 [Smoothed TC Combined] - Roll & Pitch Plot



Process	20210514_045250_31	by Unknown	on 5/18/2021	at 14:01:00
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Figure 13: 20210514_045250_31 [Smoothed TC Combined] - Velocity Profile Plot

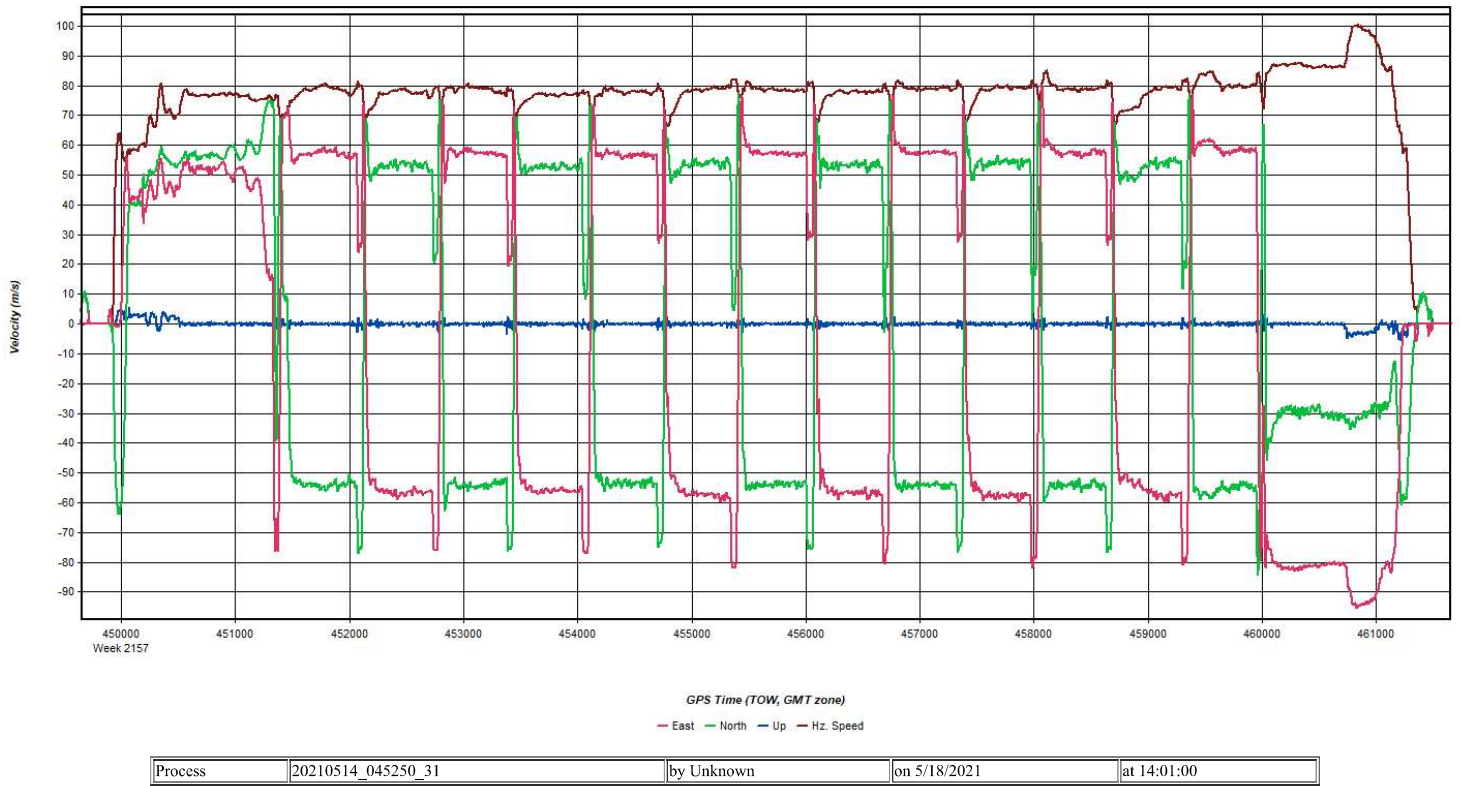
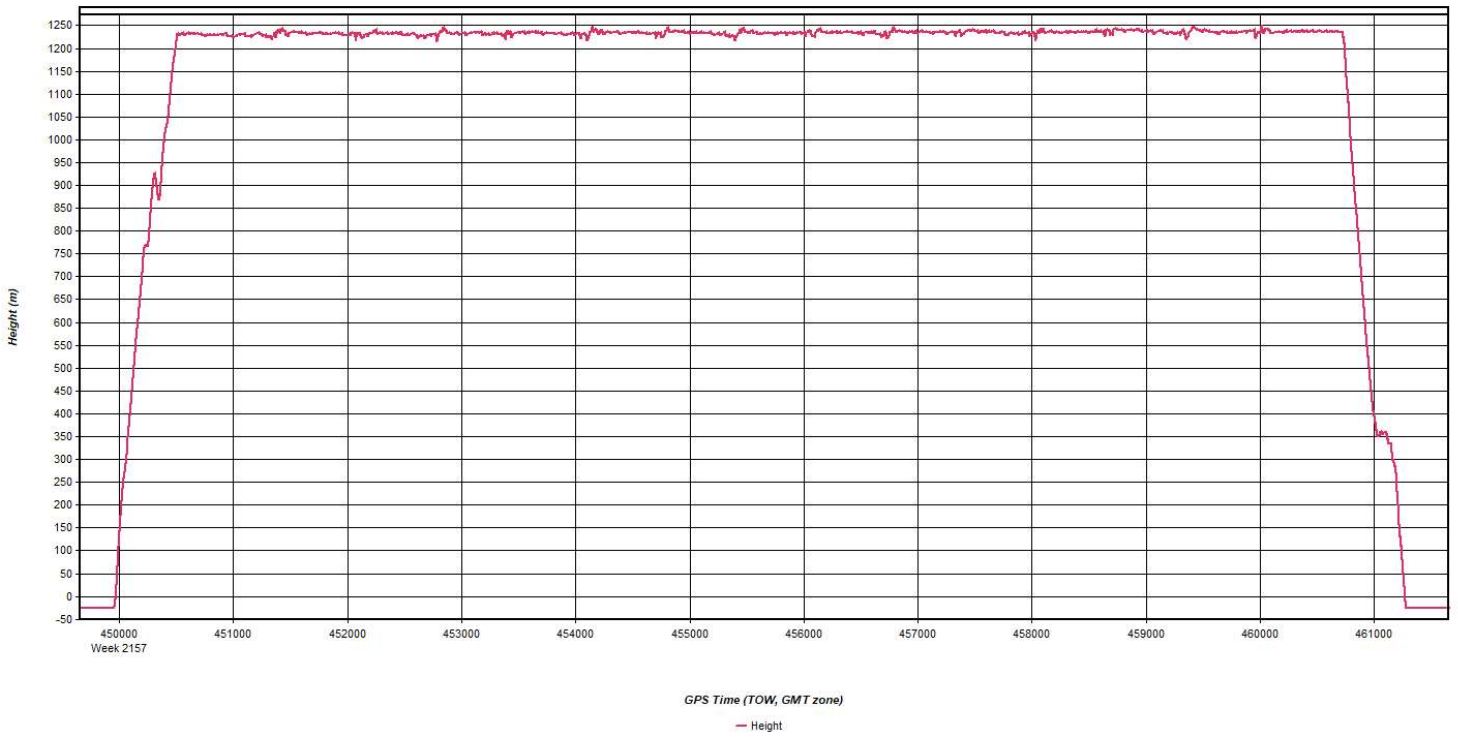


Figure 14: 20210514_045250_31 [Smoothed TC Combined] - Body Frame Velocity Plot

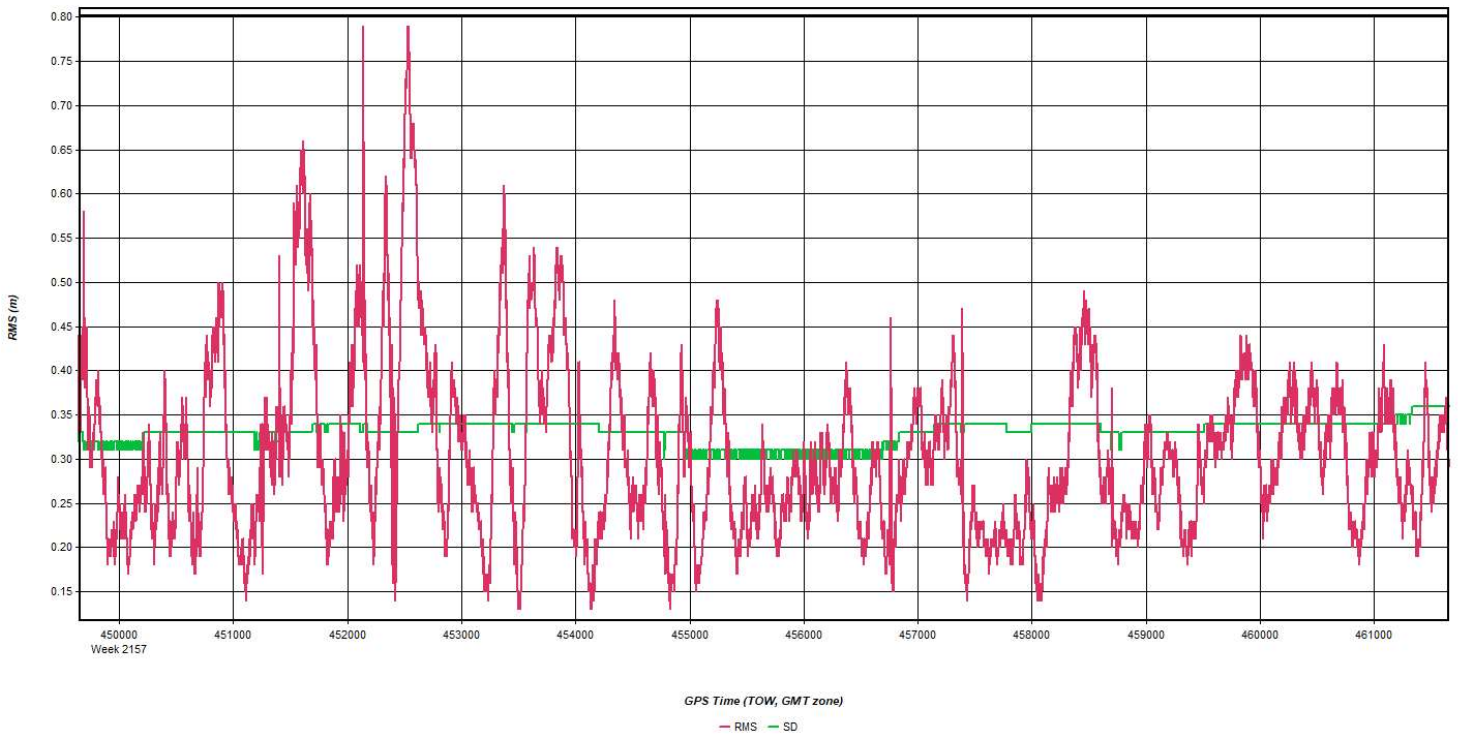


Figure 15: 20210514_045250_31 [Smoothed TC Combined] - Height Profile Plot



Process	20210514_045250_31	by Unknown	on 5/18/2021	at 14:01:00
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Figure 16: 20210514_045250_31 [Smoothed TC Combined] - C/A Code Residual RMS Plot



Process	20210514_045250_31	by Unknown	on 5/18/2021	at 14:01:00
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Figure 17: 20210514_045250_31 [Smoothed TC Combined] - Carrier Residual RMS Plot

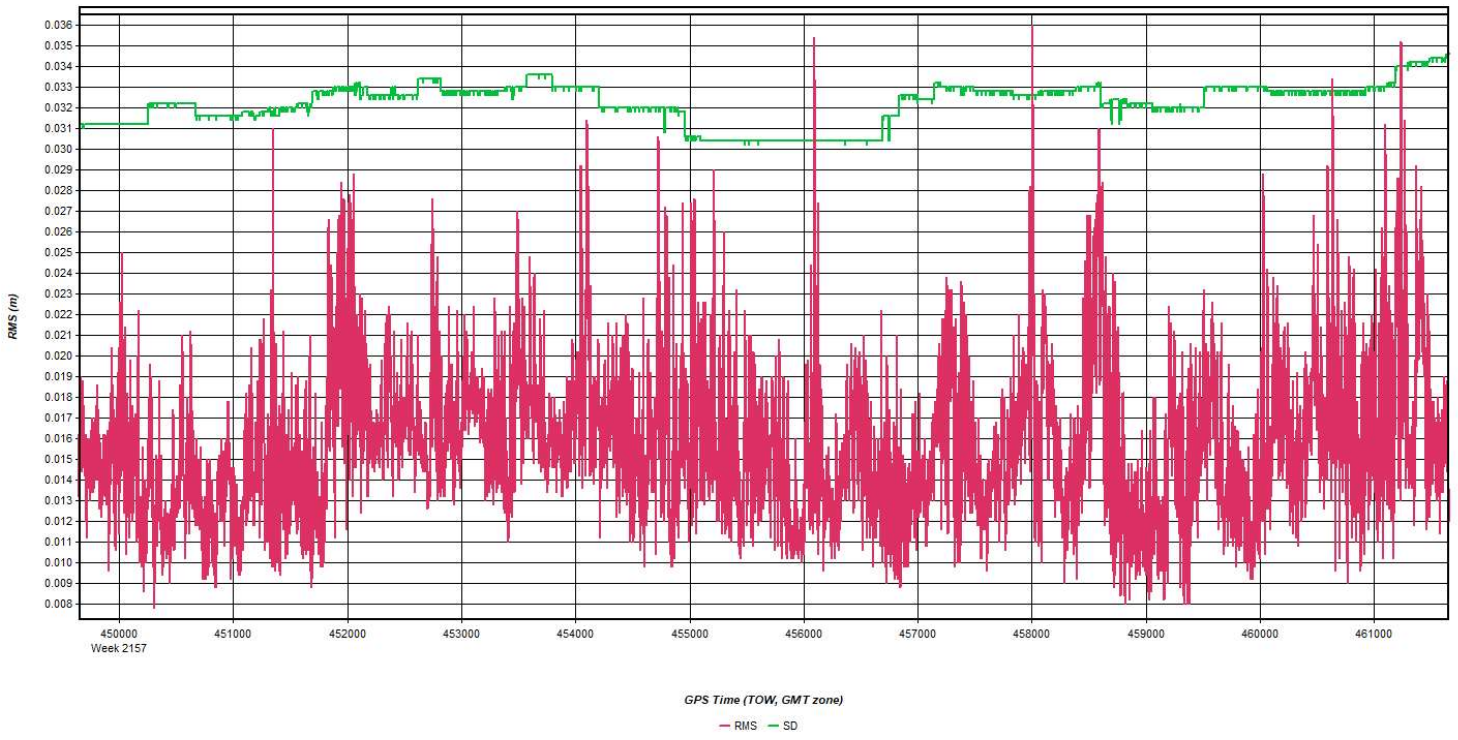


Figure 18: 20210514_045250_31 [Smoothed TC Combined] - L1 Doppler Residual RMS Plot

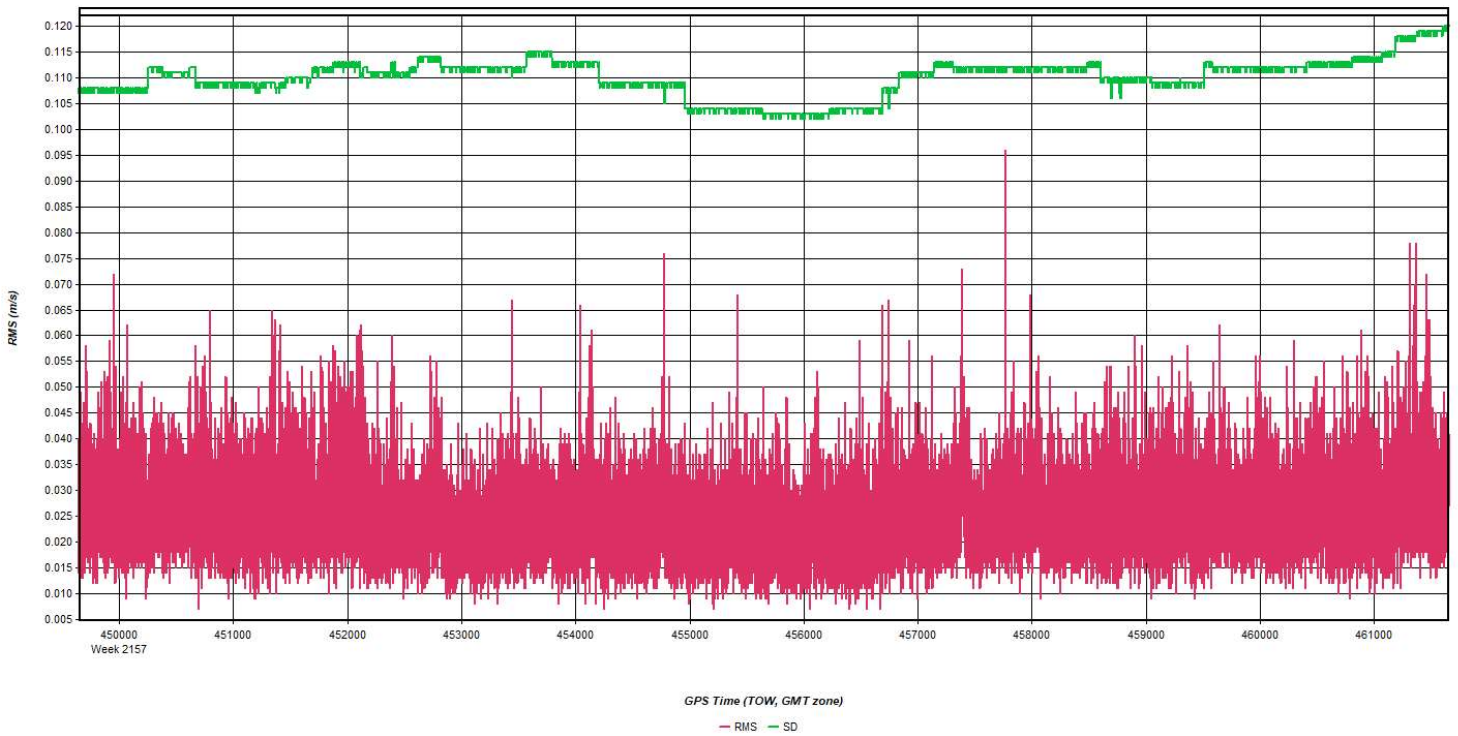
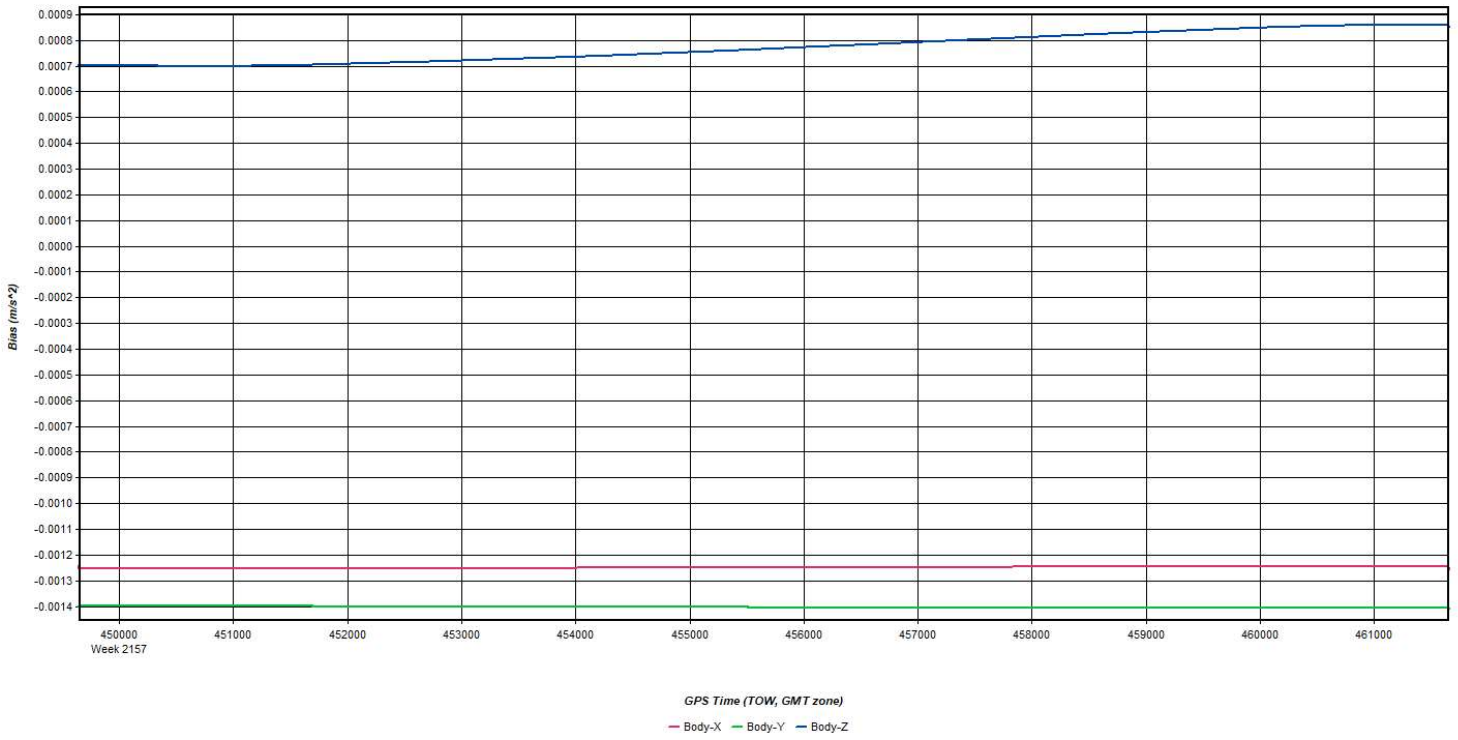
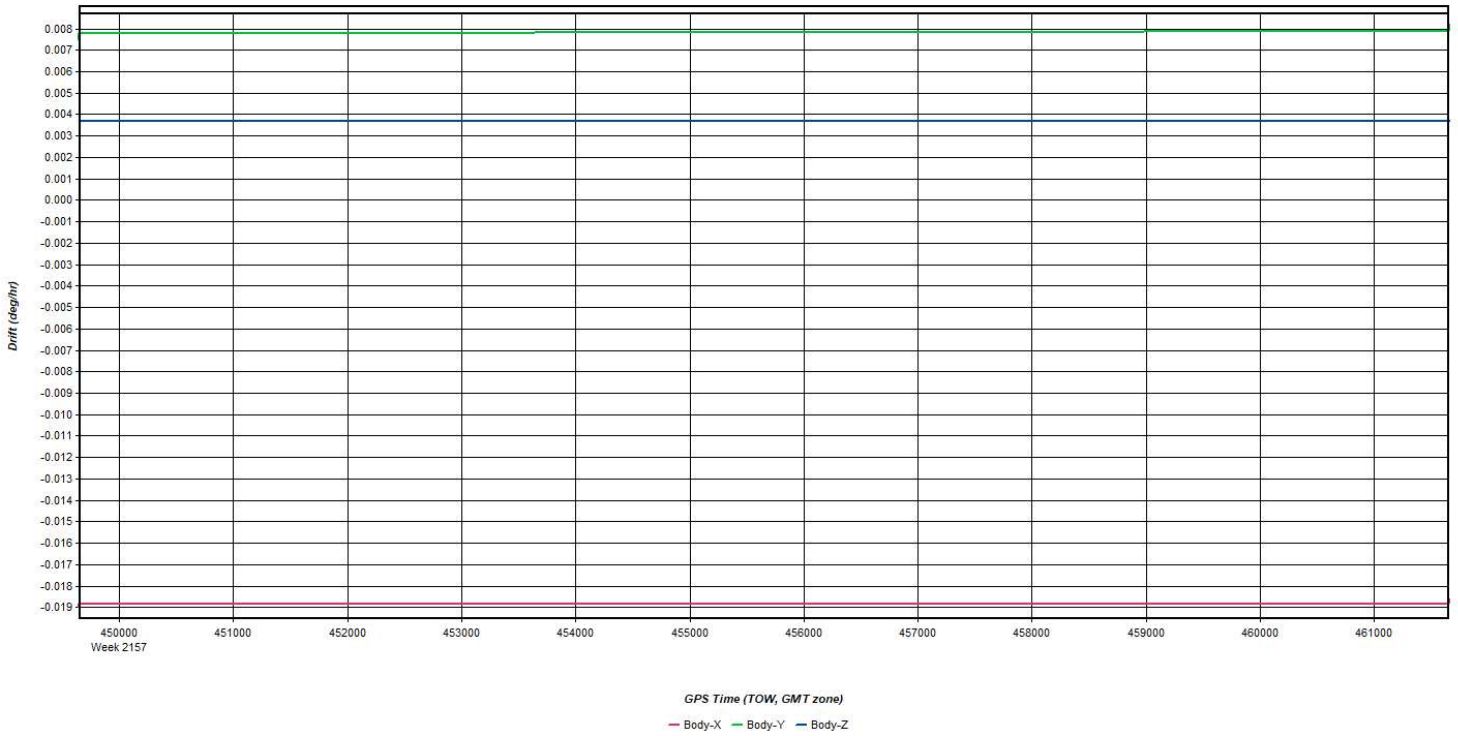


Figure 19: 20210514_045250_31 [Smoothed TC Combined] - Accelerometer Bias Plot



Process	20210514_045250_31	by Unknown	on 5/18/2021	at 14:01:00
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Figure 20: 20210514_045250_31 [Smoothed TC Combined] - Gyro Drift Plot

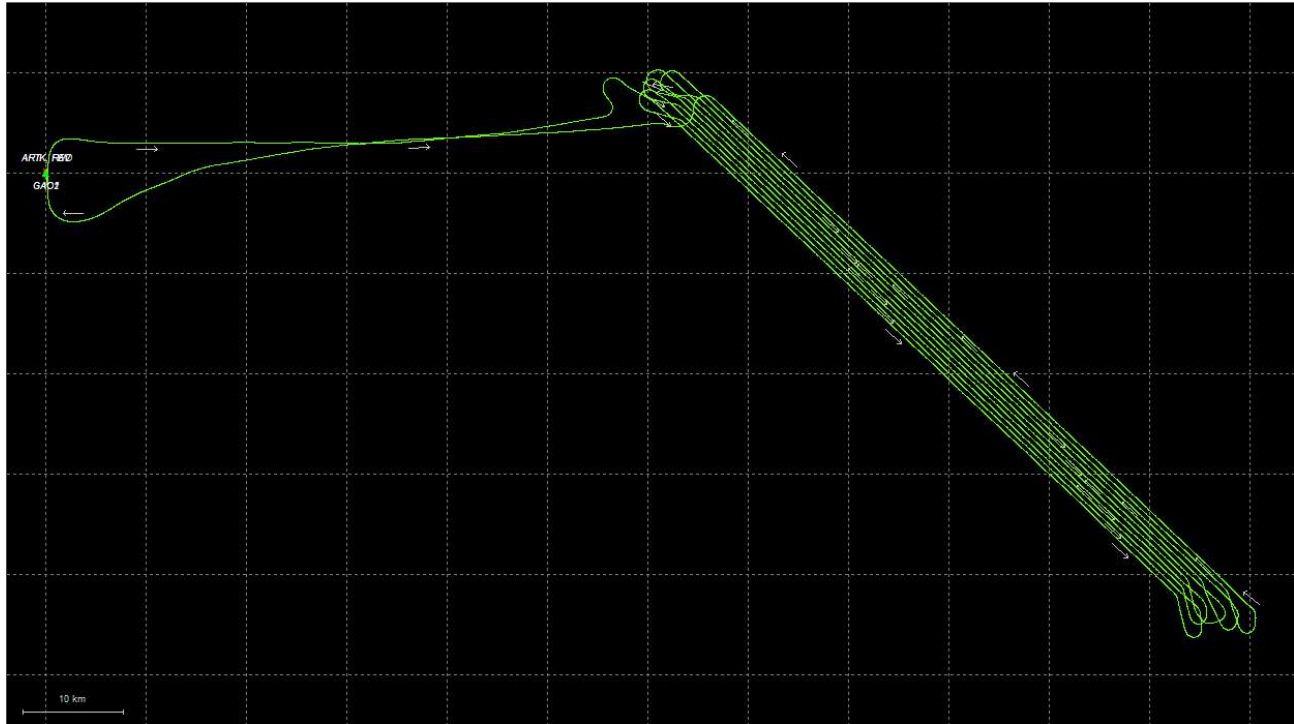


Process	20210514_045250_31	by Unknown	on 5/18/2021	at 14:01:00
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Output Results for 20210515_004052_32

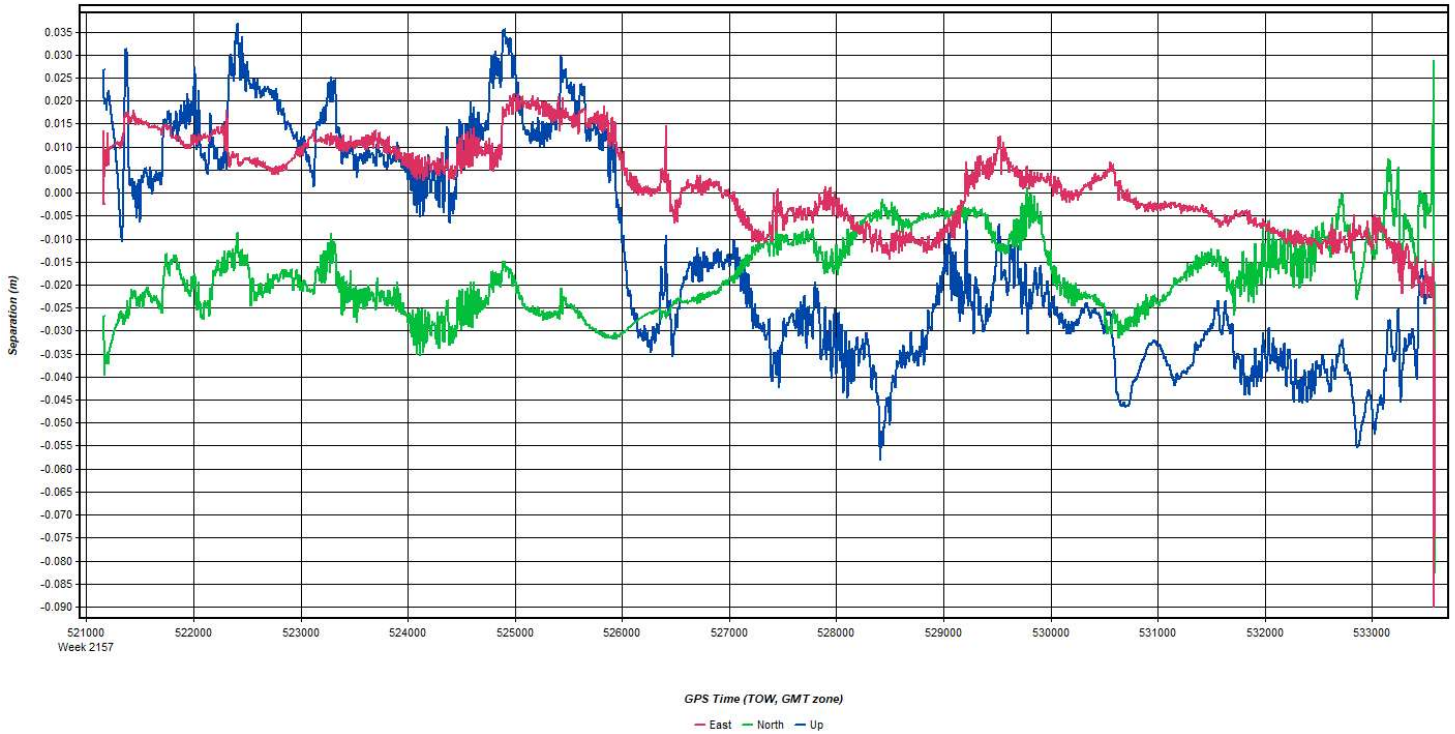
Inertial Explorer Version 8.90.2124
05/18/2021

Figure 1: Smoothed TC Combined - Map



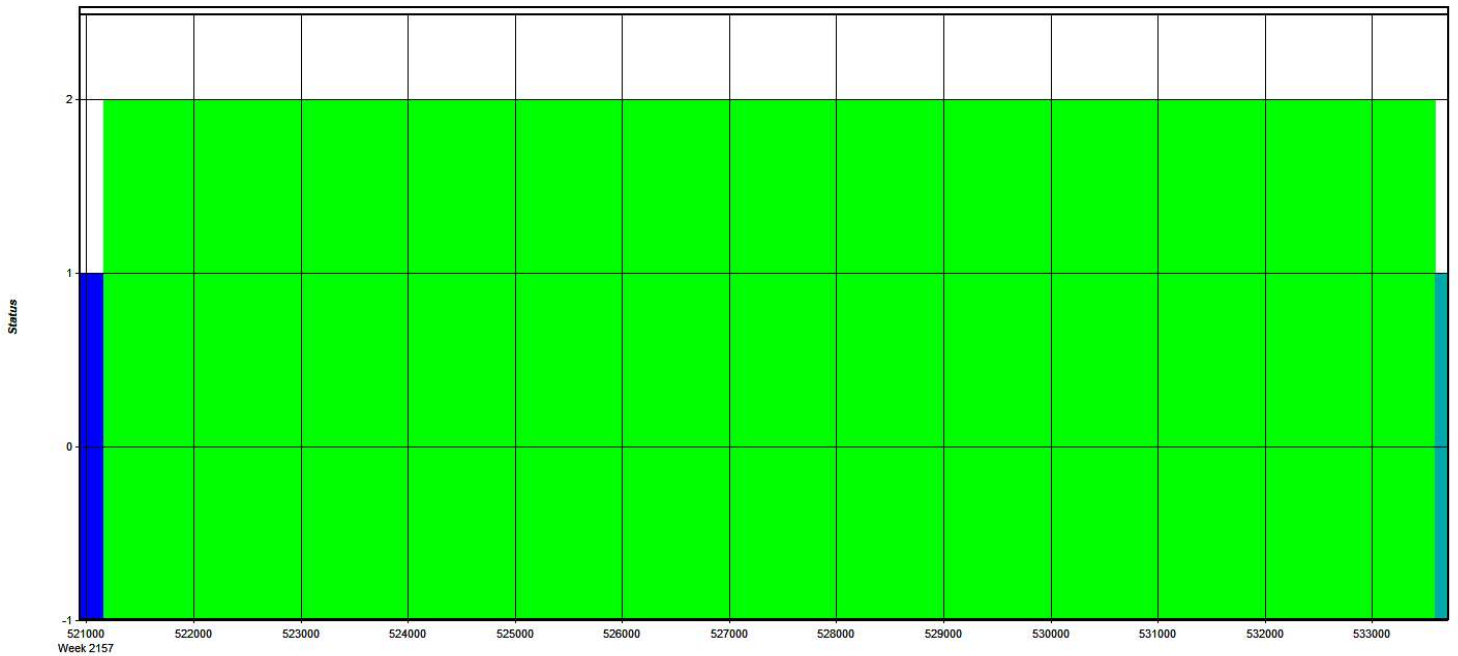
Process	20210515_004052_32	by Unknown	on 5/18/2021	at 18:34:41
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Figure 2: 20210515_004052_32 [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot



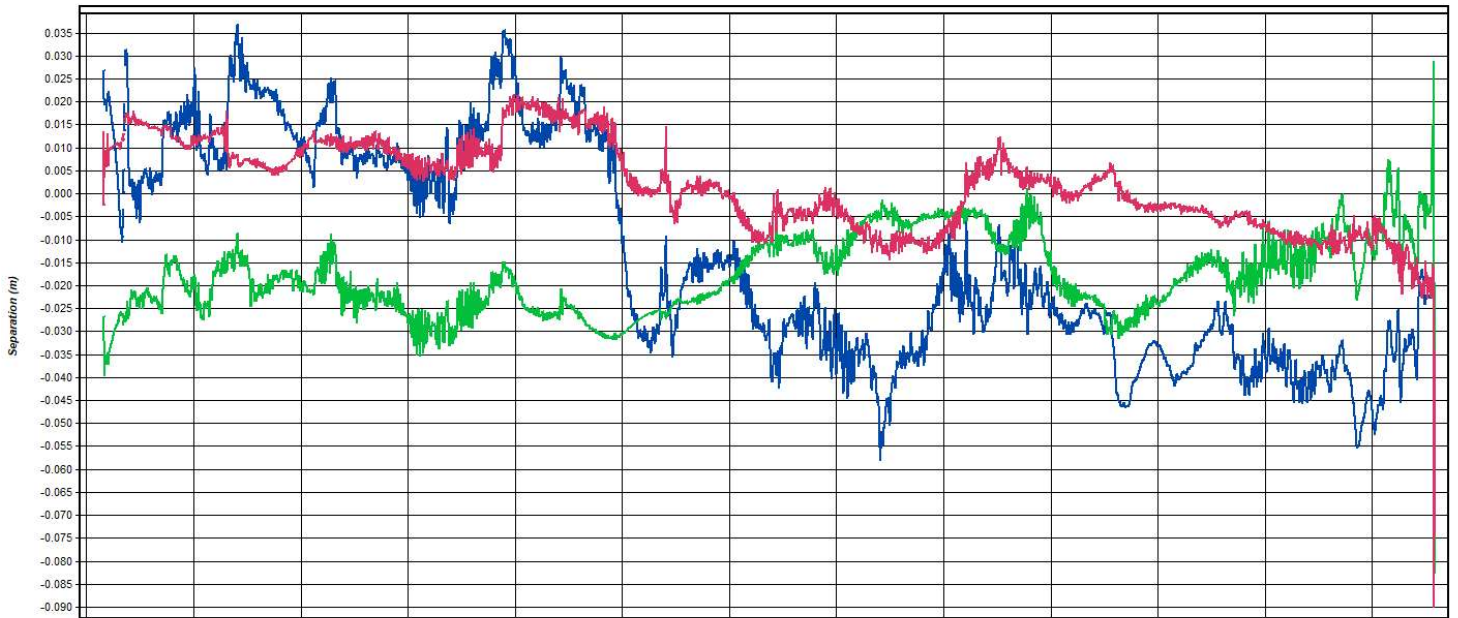
Process	20210515_004052_32	by Unknown	on 5/18/2021	at 18:34:41
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Figure 3: 20210515_004052_32 [Smoothed TC Combined] - Float or Fixed Ambiguity



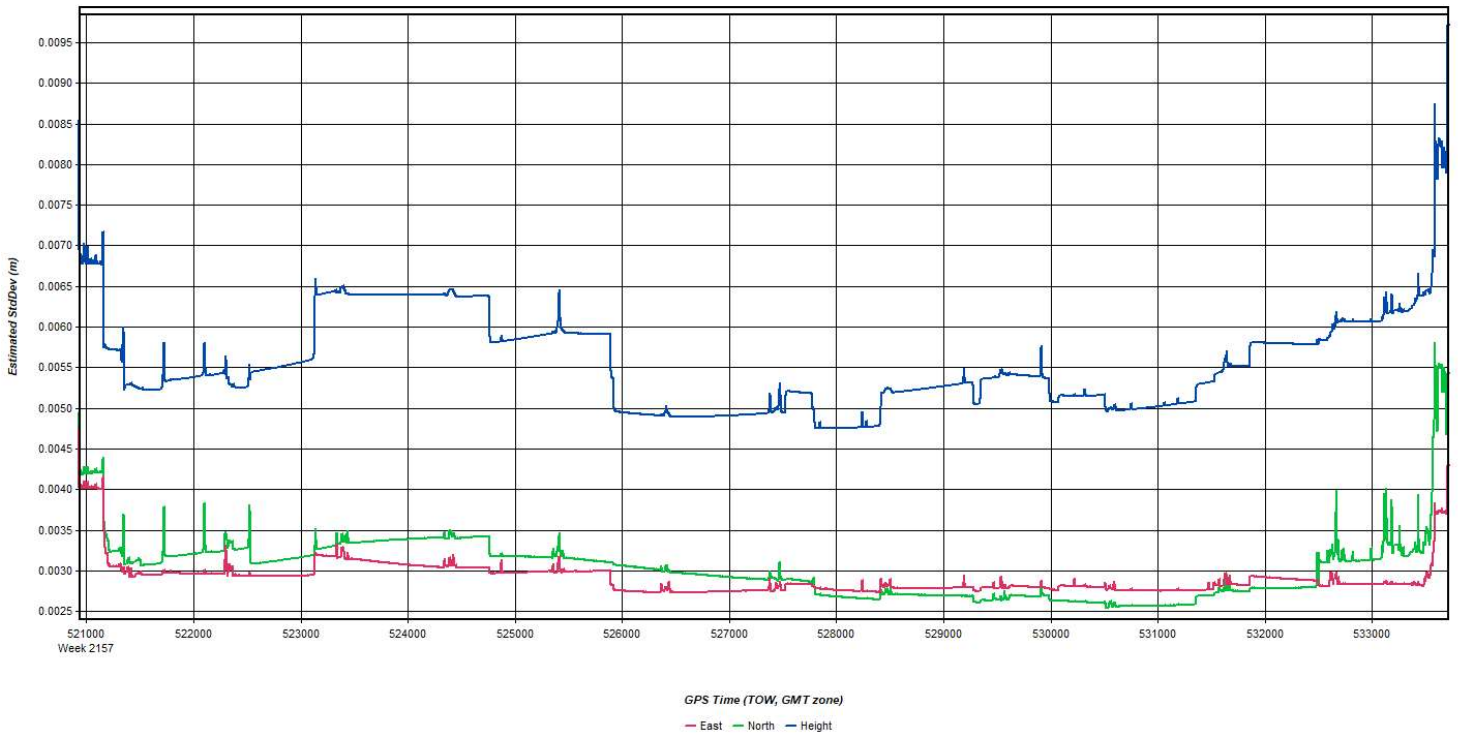
Process	20210515_004052_32	by Unknown	on 5/18/2021	at 18:34:41
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Figure 4: 20210515_004052_32 [Smoothed TC Combined] - Forward/Reverse Separation Plot (Fixed)



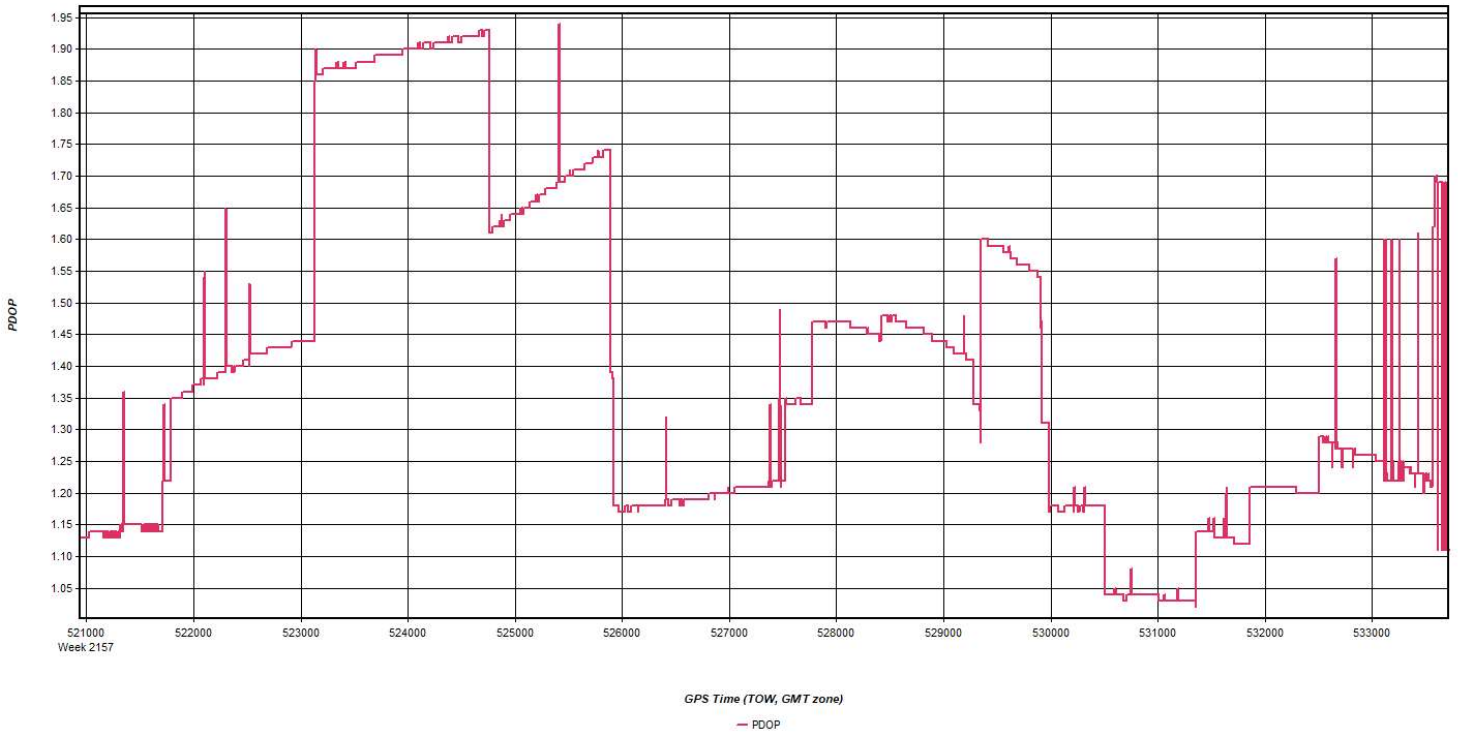
Process	20210515_004052_32	by Unknown	on 5/18/2021	at 18:34:41
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Figure 5: 20210515_004052_32 [Smoothed TC Combined] - Estimated Position Accuracy Plot



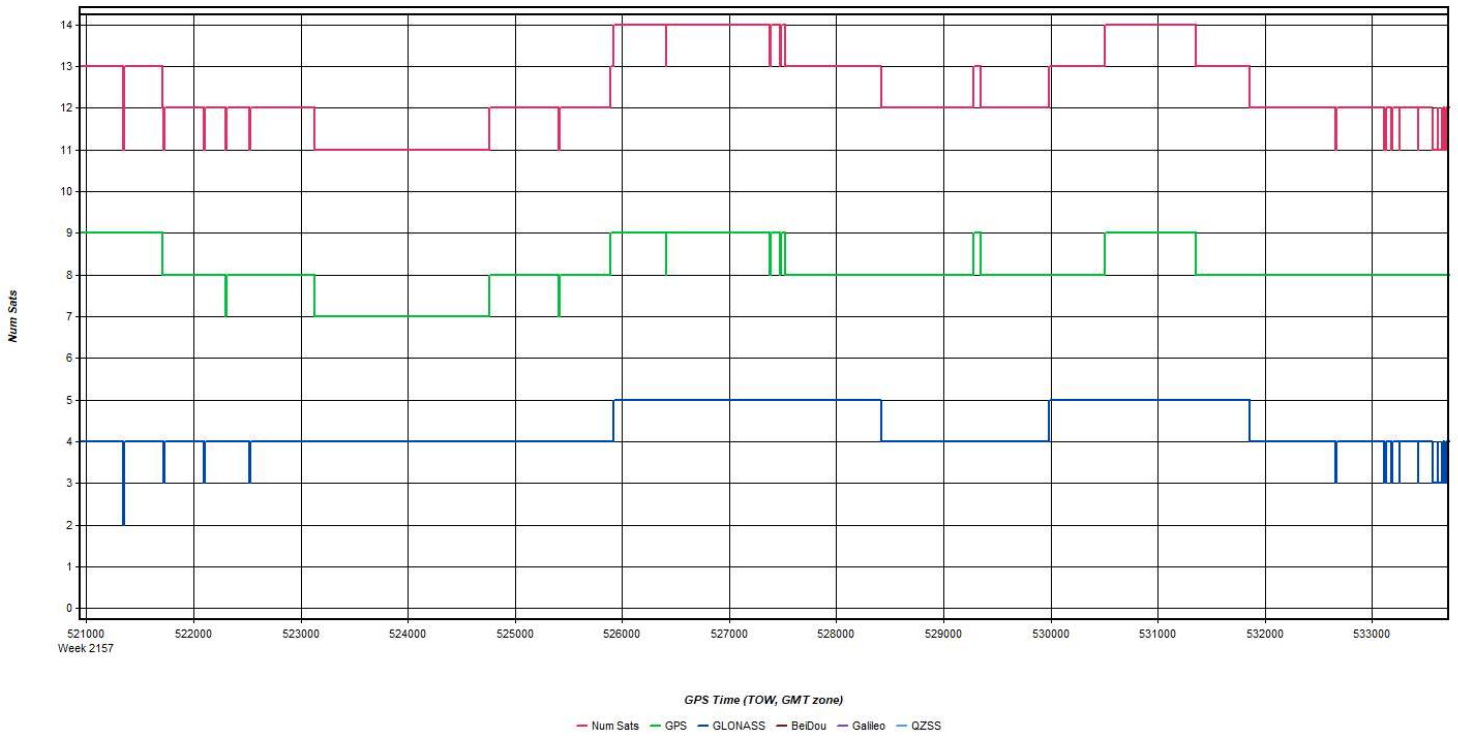
Process	20210515_004052_32	by Unknown	on 5/18/2021	at 18:34:41
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Figure 6: 20210515_004052_32 [Smoothed TC Combined] - PDOP Plot



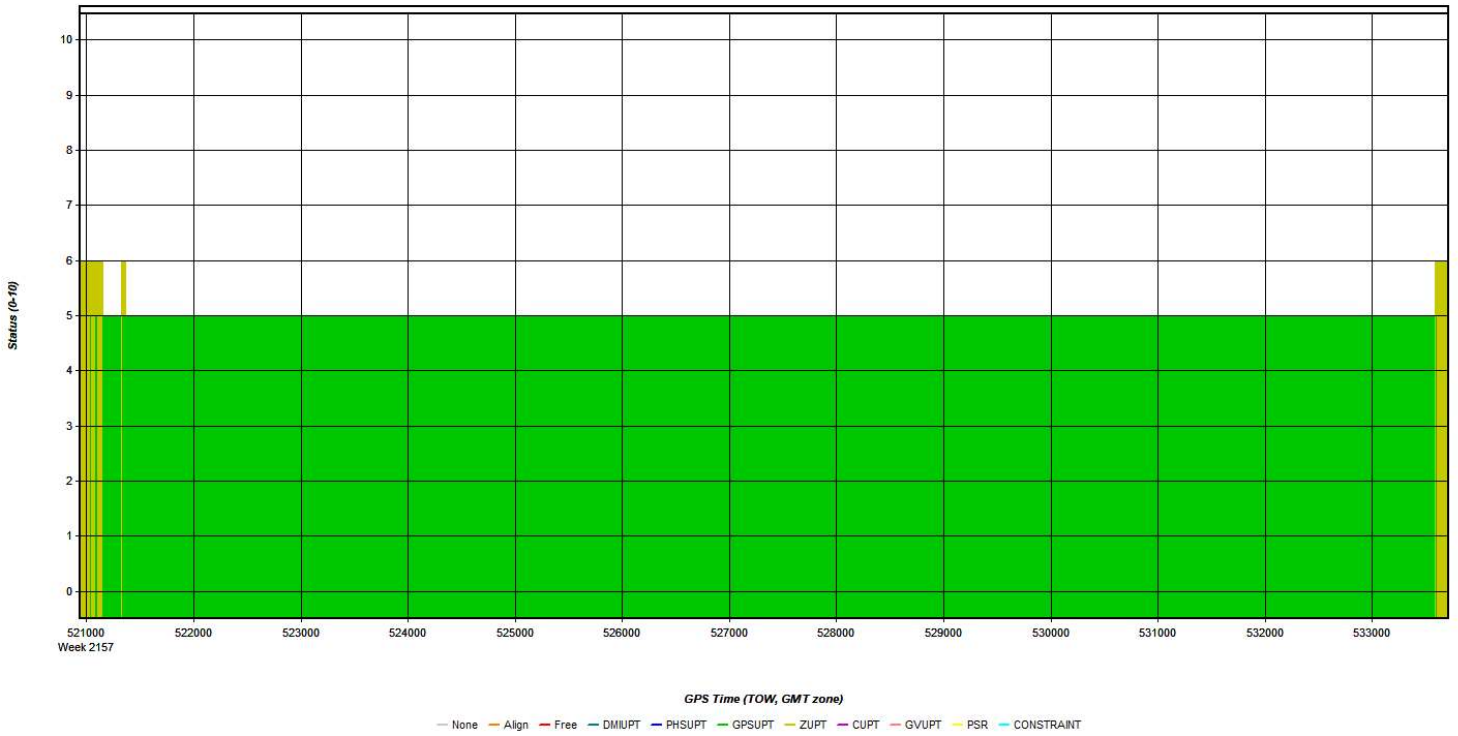
Process	20210515_004052_32	by Unknown	on 5/18/2021	at 18:34:41
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Figure 7: 20210515_004052_32 [Smoothed TC Combined] - Number of Satellites Line Plot



Process	20210515_004052_32	by Unknown	on 5/18/2021	at 18:34:41
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Figure 8: 20210515_004052_32 [Smoothed TC Combined] - Status flag for IMU processing



Process	20210515_004052_32	by Unknown	on 5/18/2021	at 18:34:41
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Figure 9: 20210515_004052_32 [Smoothed TC Combined] - Fwd/Rev Attitude Separation Plot

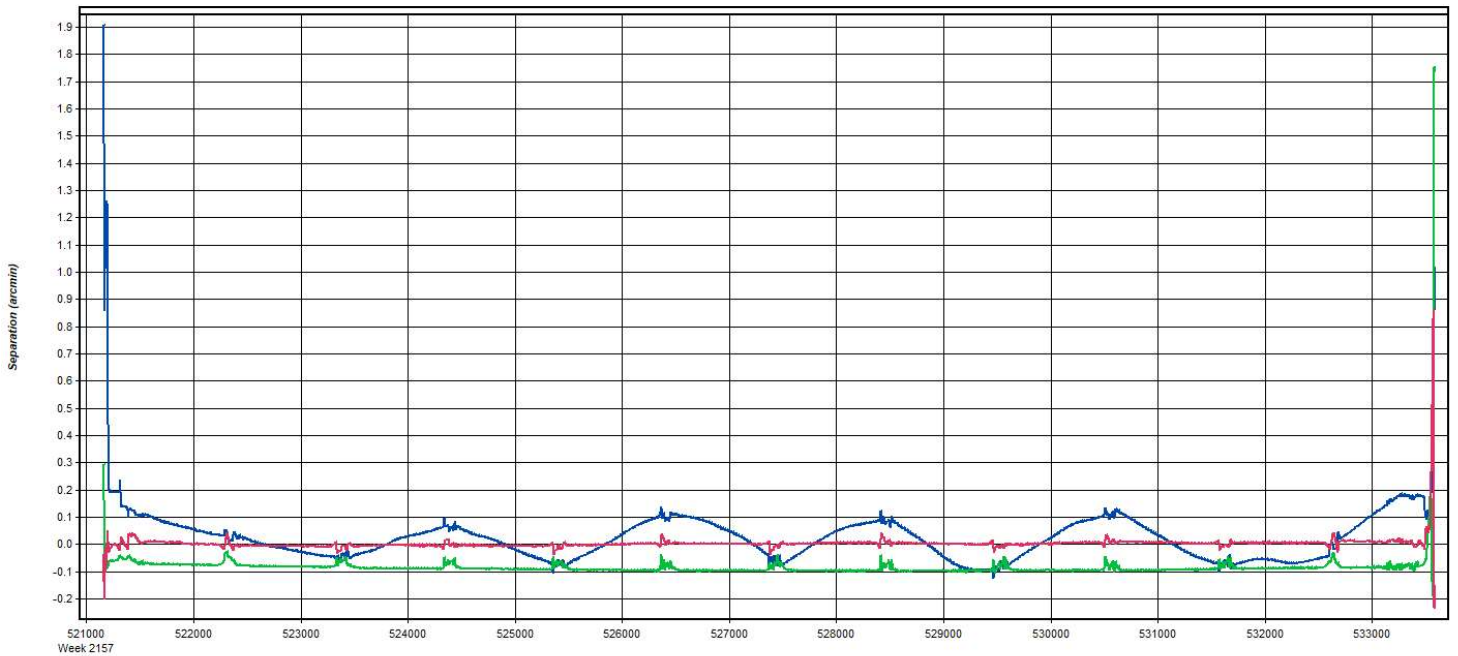


Figure 10: 20210515_004052_32 [Smoothed TC Combined] - Estimated Attitude Accuracy Plot

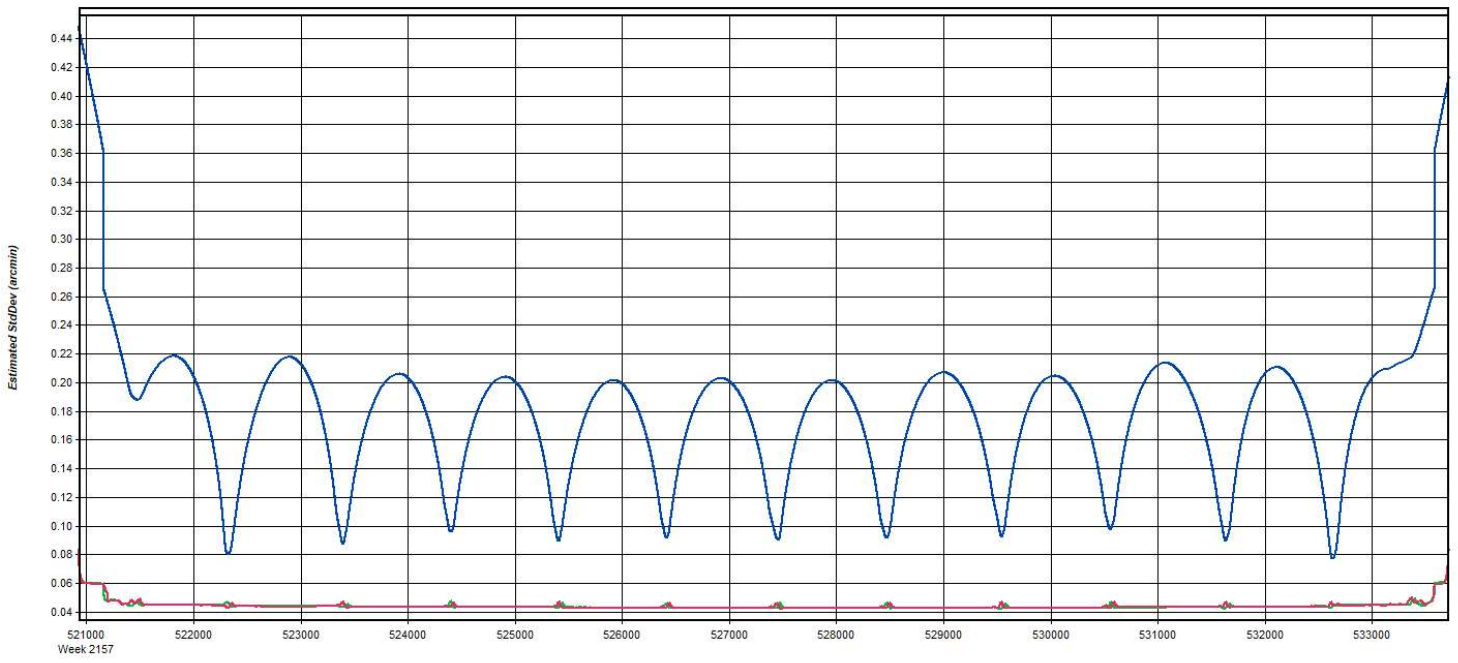
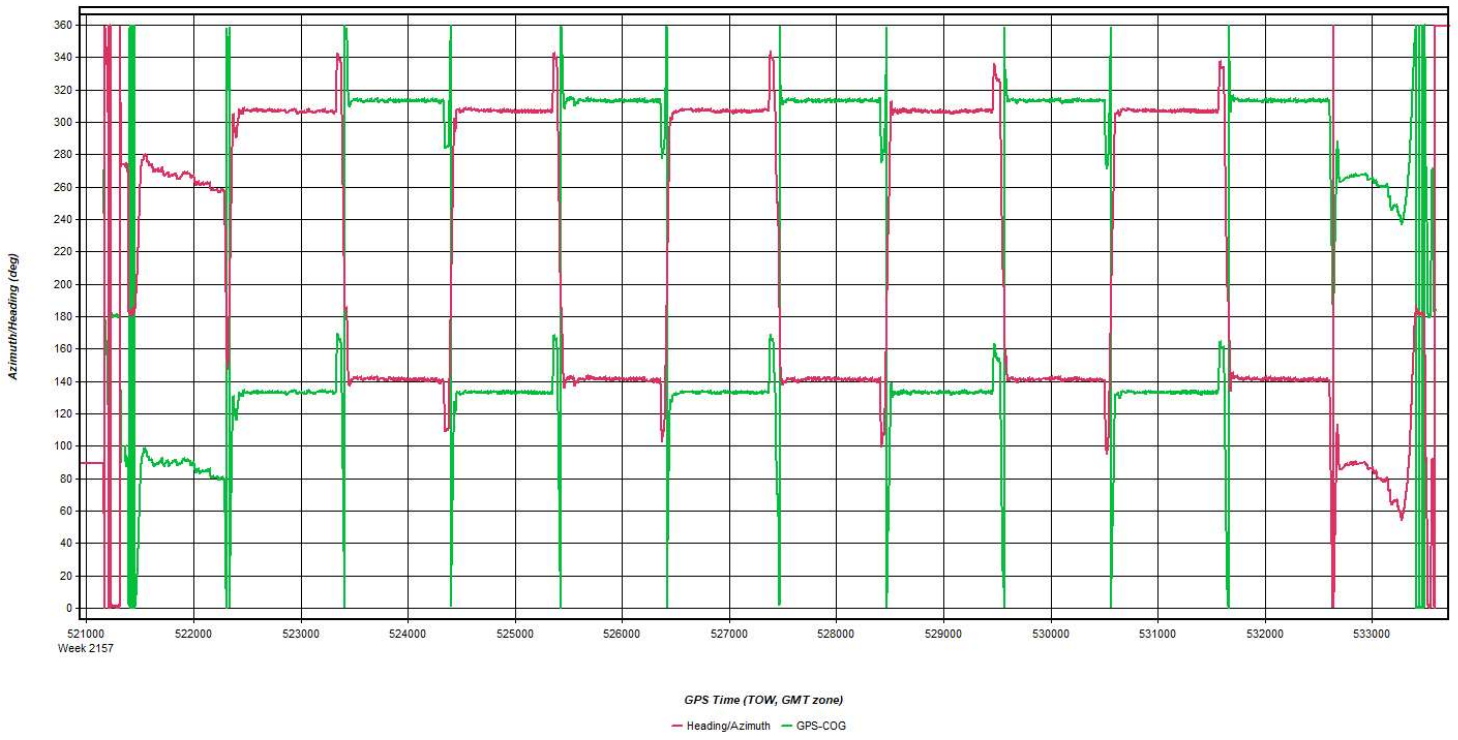
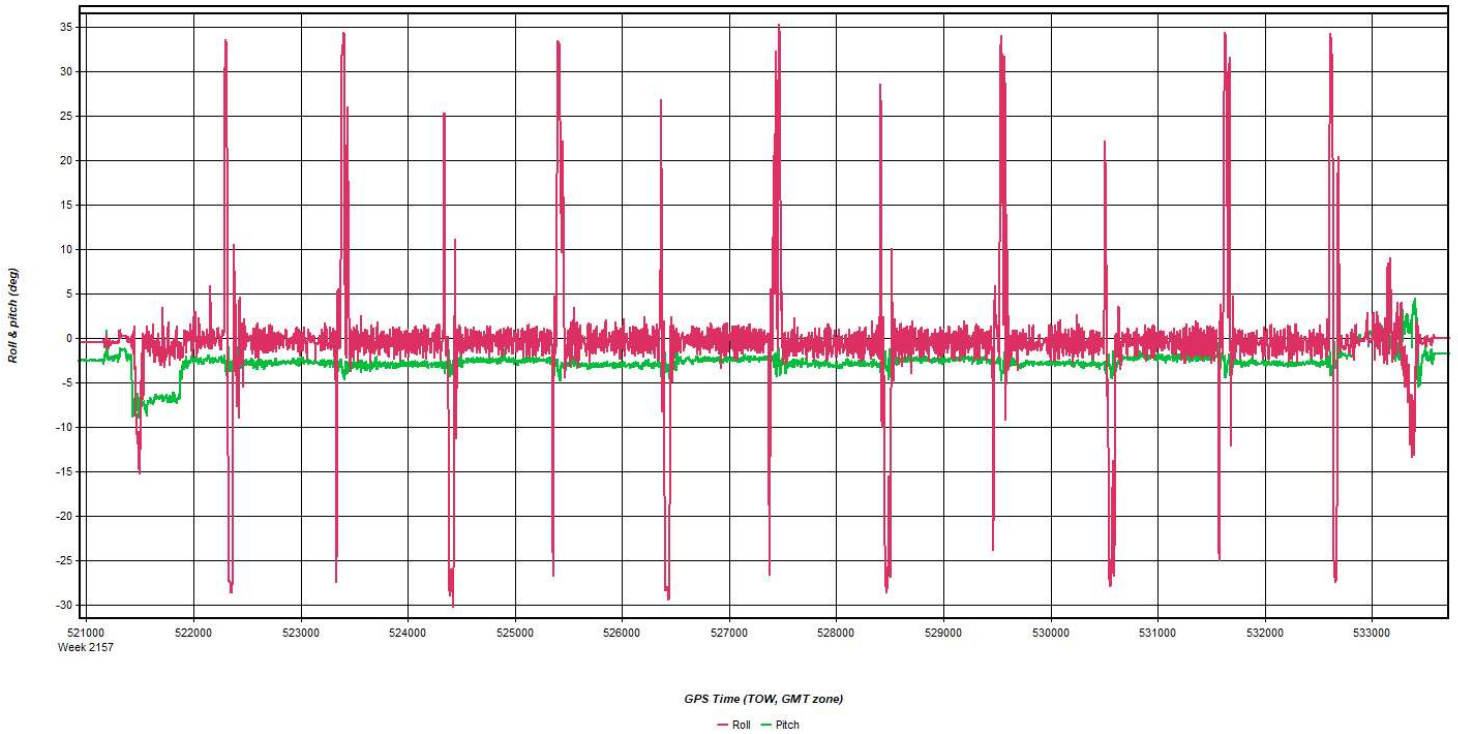


Figure 11: 20210515_004052_32 [Smoothed TC Combined] - Azimuth Plot



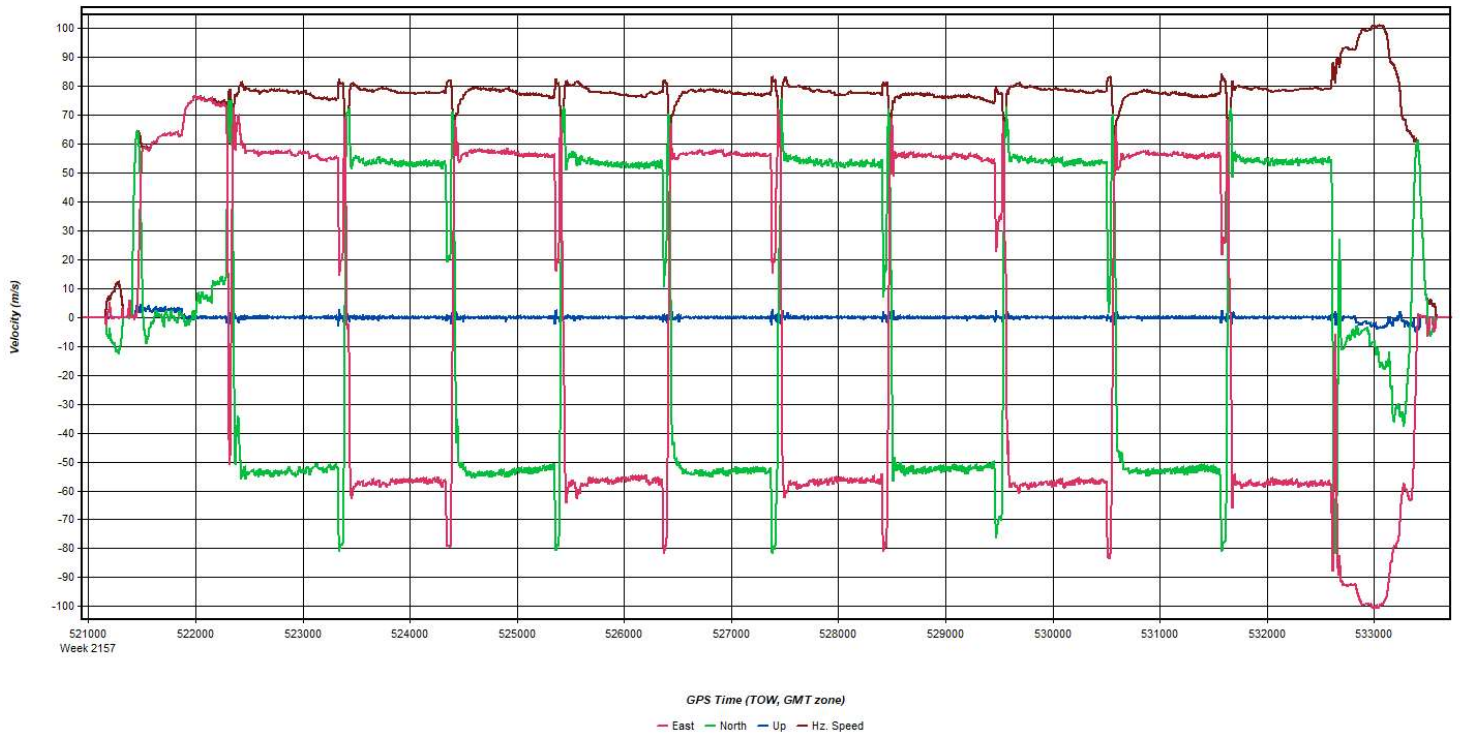
Process	20210515_004052_32	by Unknown	on 5/18/2021	at 18:34:41
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Figure 12: 20210515_004052_32 [Smoothed TC Combined] - Roll & Pitch Plot



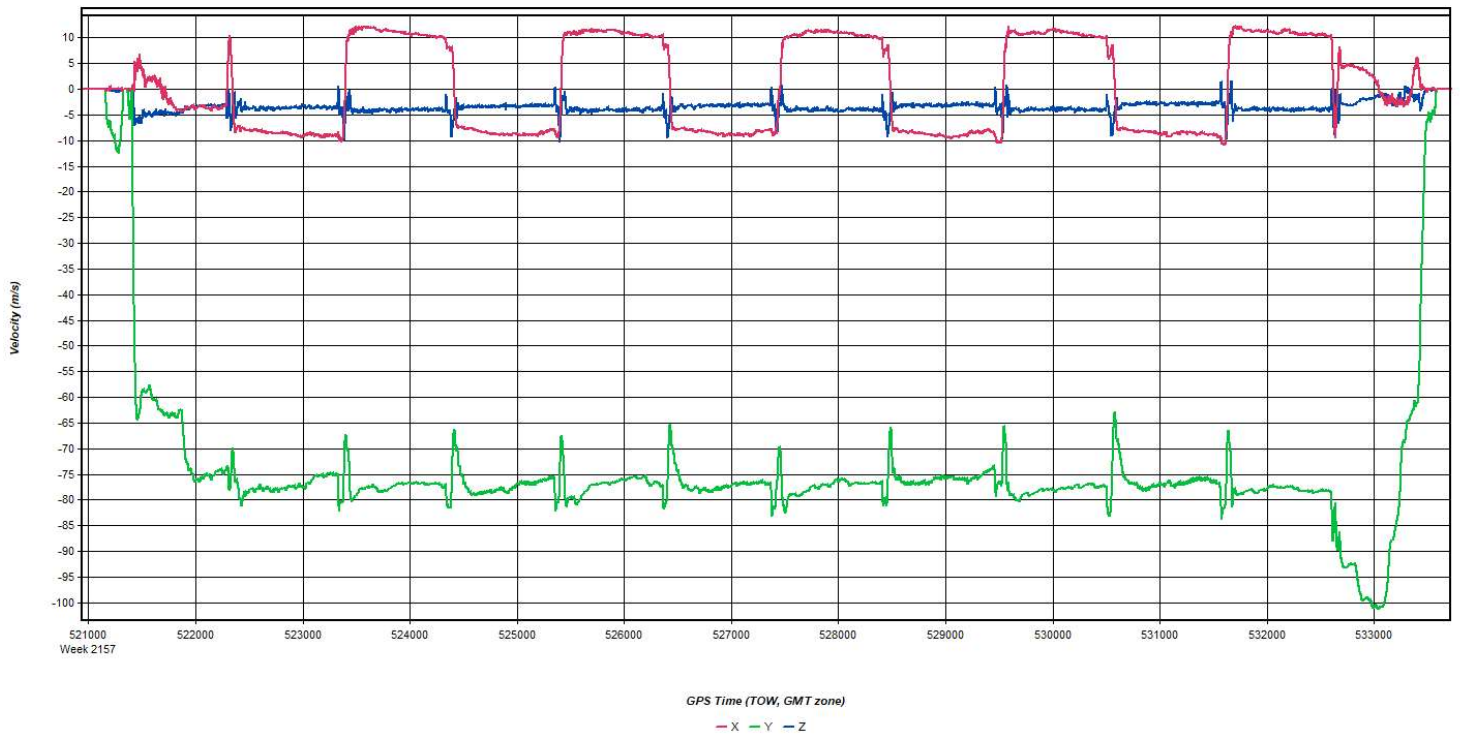
Process	20210515_004052_32	by Unknown	on 5/18/2021	at 18:34:41
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Figure 13: 20210515_004052_32 [Smoothed TC Combined] - Velocity Profile Plot



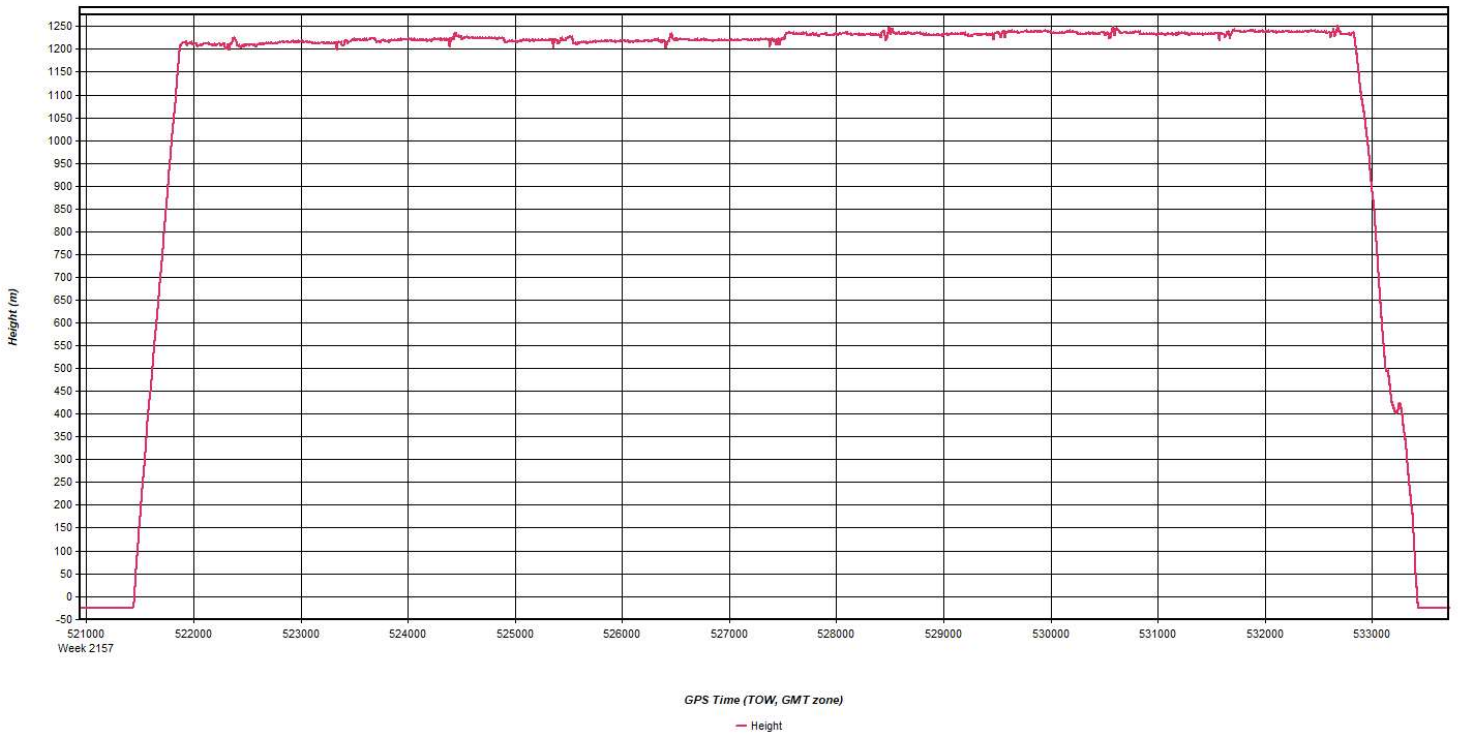
Process	20210515_004052_32	by Unknown	on 5/18/2021	at 18:34:41
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Figure 14: 20210515_004052_32 [Smoothed TC Combined] - Body Frame Velocity Plot



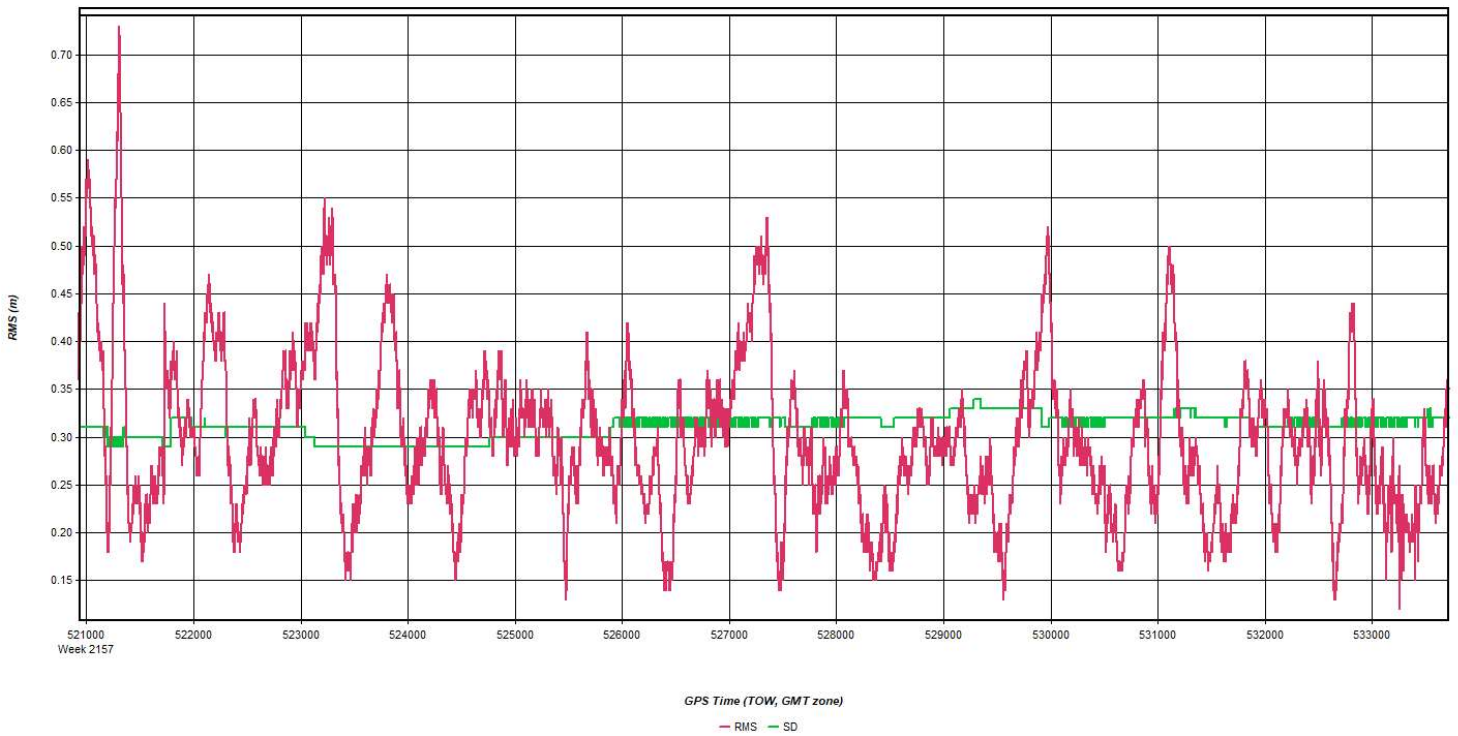
Process	20210515_004052_32	by Unknown	on 5/18/2021	at 18:34:41
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Figure 15: 20210515_004052_32 [Smoothed TC Combined] - Height Profile Plot



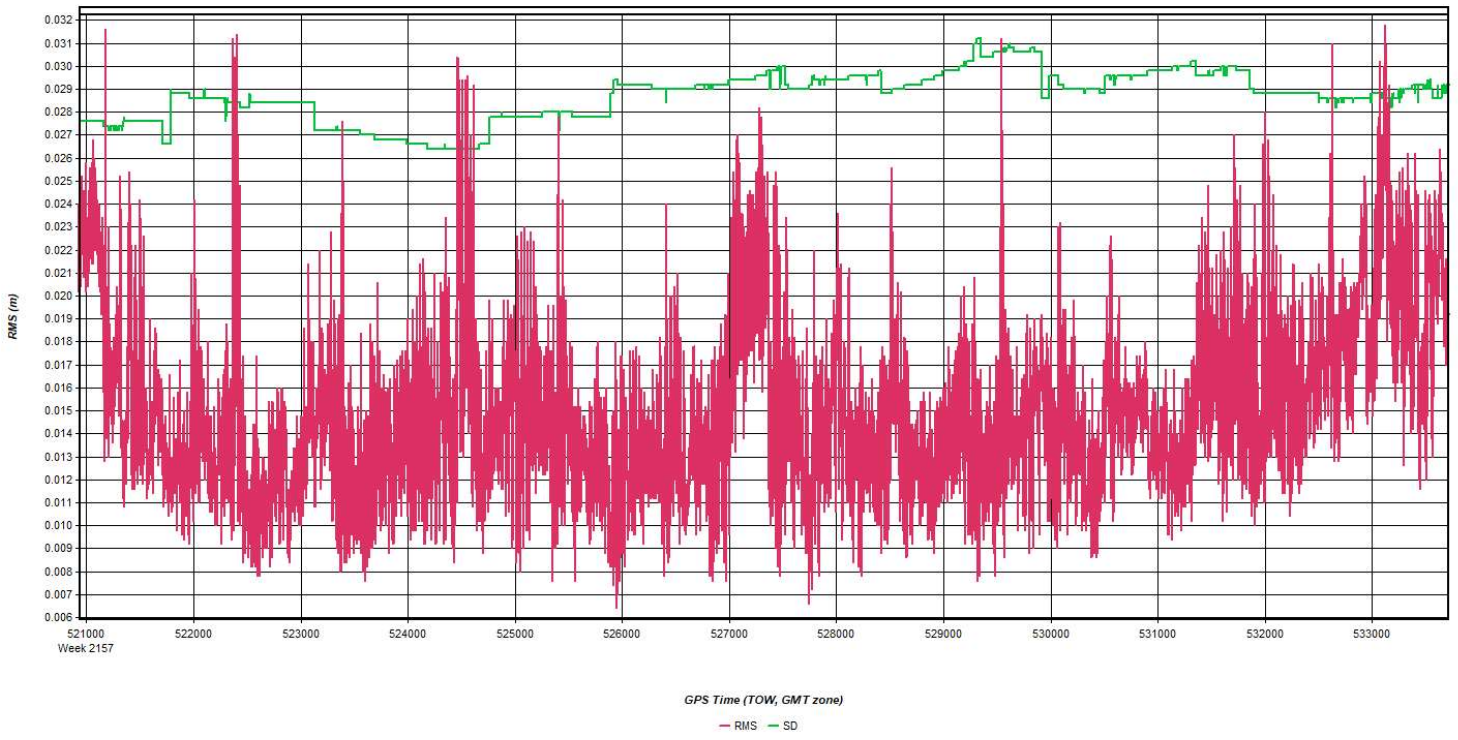
Process	20210515_004052_32	by Unknown	on 5/18/2021	at 18:34:41
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Figure 16: 20210515_004052_32 [Smoothed TC Combined] - C/A Code Residual RMS Plot



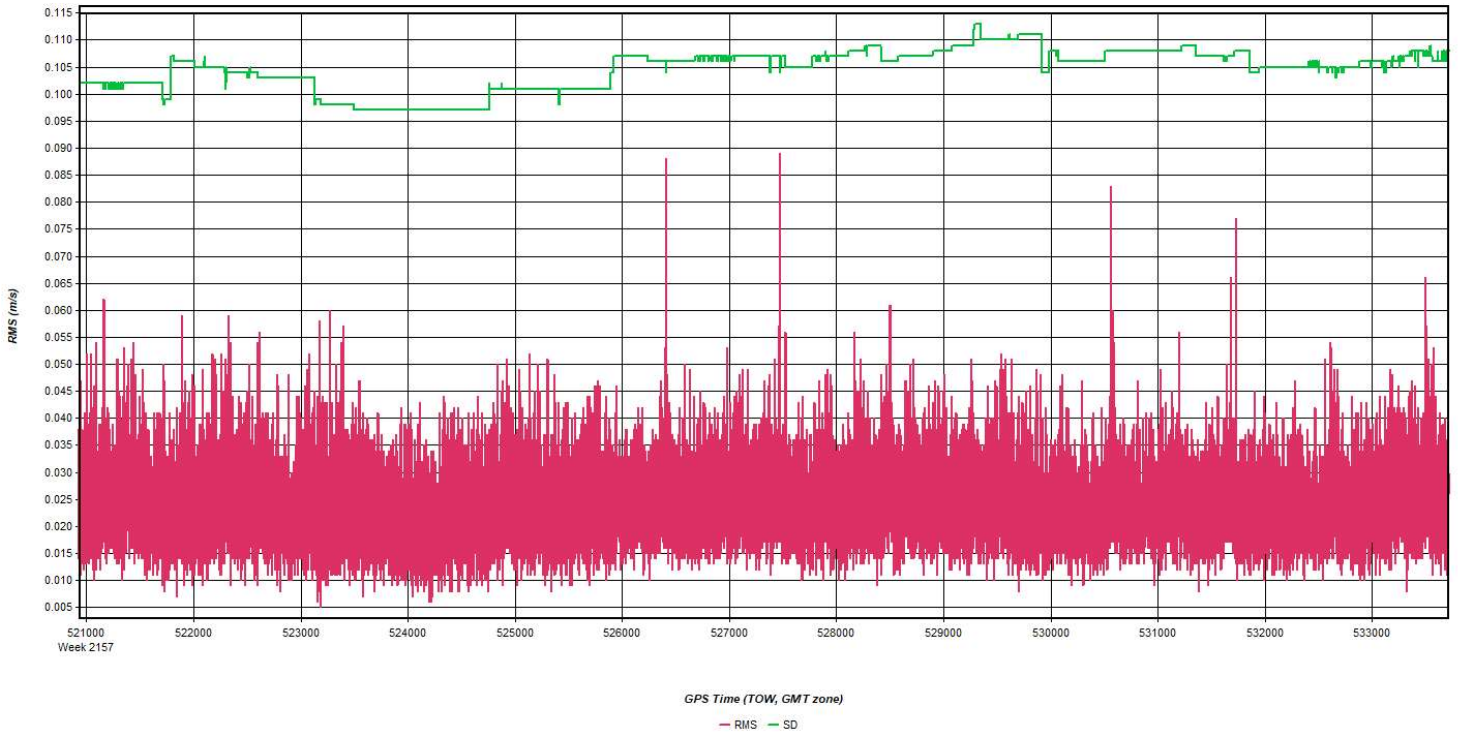
Process	20210515_004052_32	by Unknown	on 5/18/2021	at 18:34:41
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Figure 17: 20210515_004052_32 [Smoothed TC Combined] - Carrier Residual RMS Plot



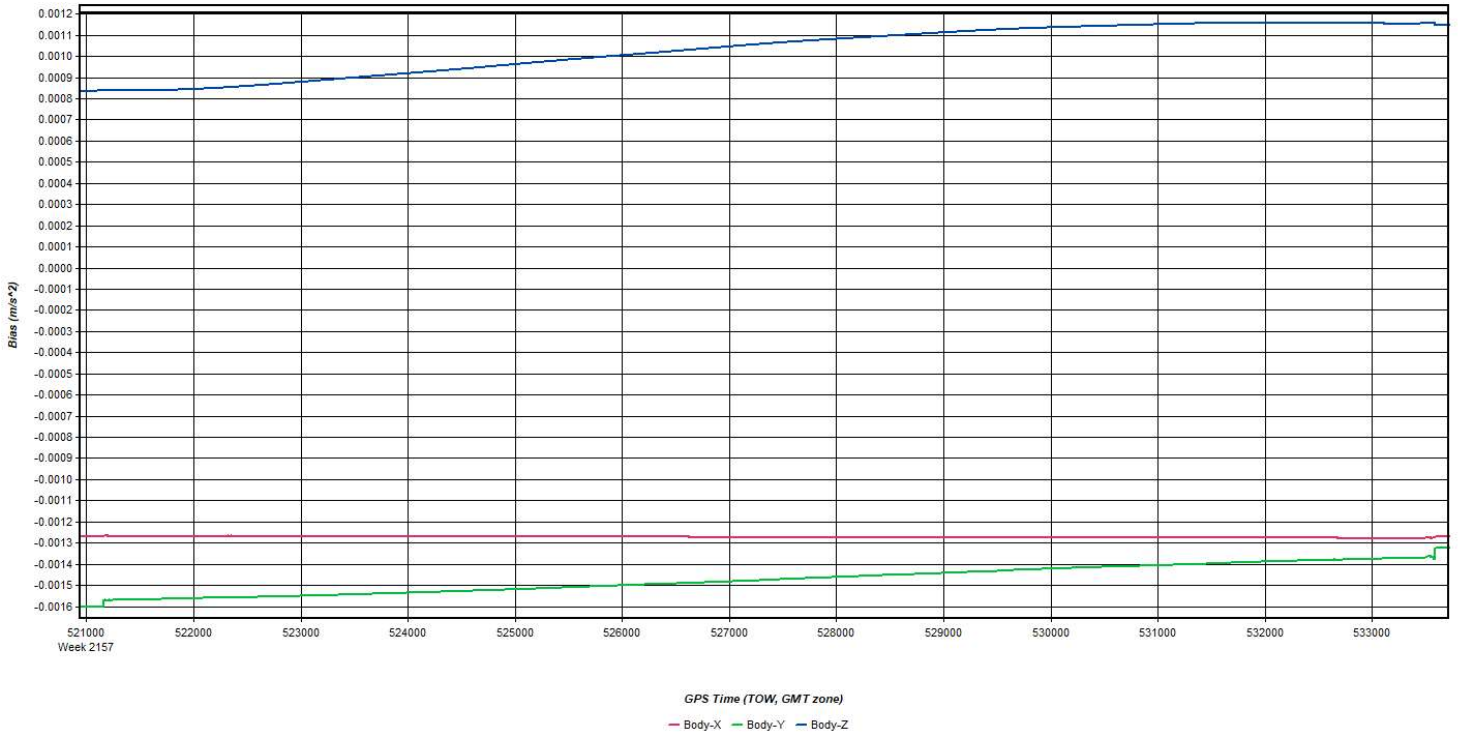
Process	20210515_004052_32	by Unknown	on 5/18/2021	at 18:34:41
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Figure 18: 20210515_004052_32 [Smoothed TC Combined] - L1 Doppler Residual RMS Plot



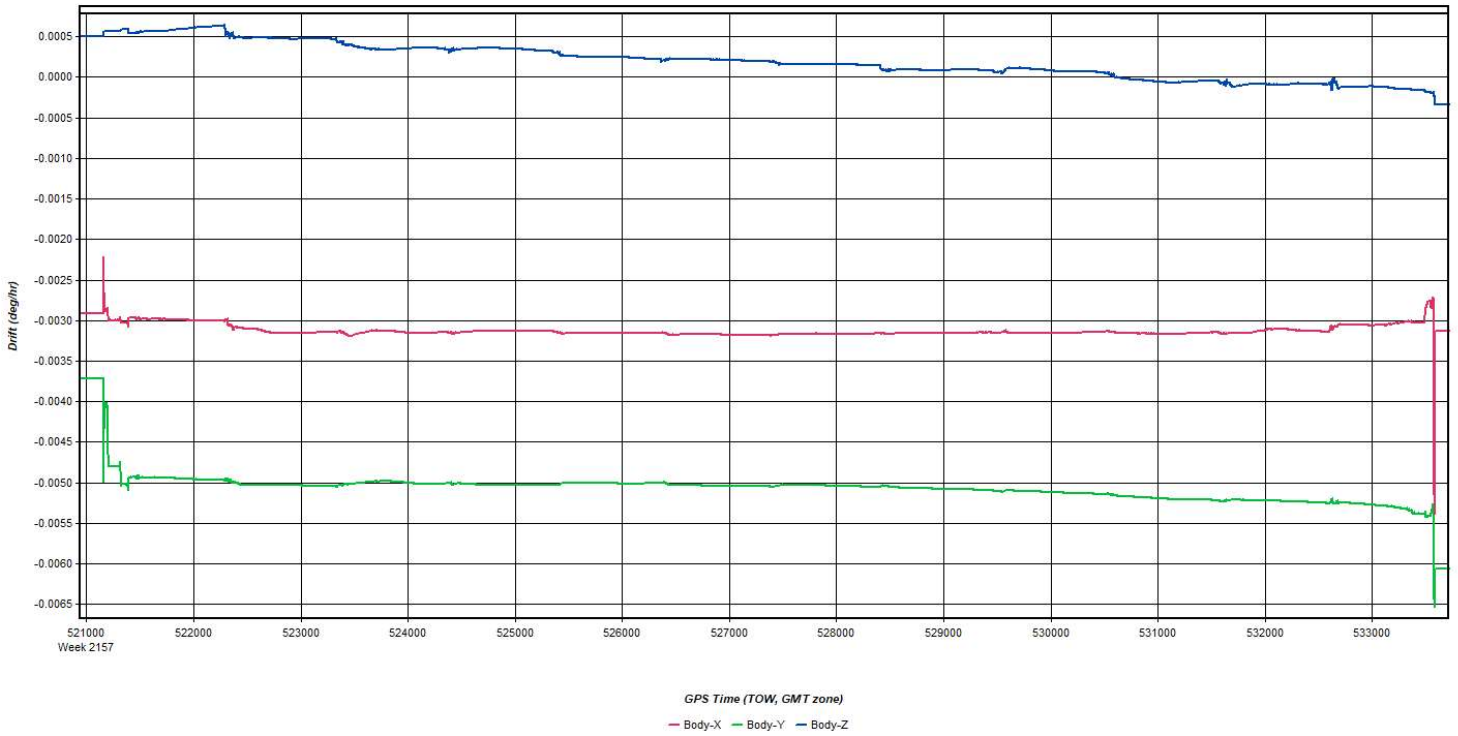
Process	20210515_004052_32	by Unknown	on 5/18/2021	at 18:34:41
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Figure 19: 20210515_004052_32 [Smoothed TC Combined] - Accelerometer Bias Plot



Process	20210515_004052_32	by Unknown	on 5/18/2021	at 18:34:41
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Figure 20: 20210515_004052_32 [Smoothed TC Combined] - Gyro Drift Plot

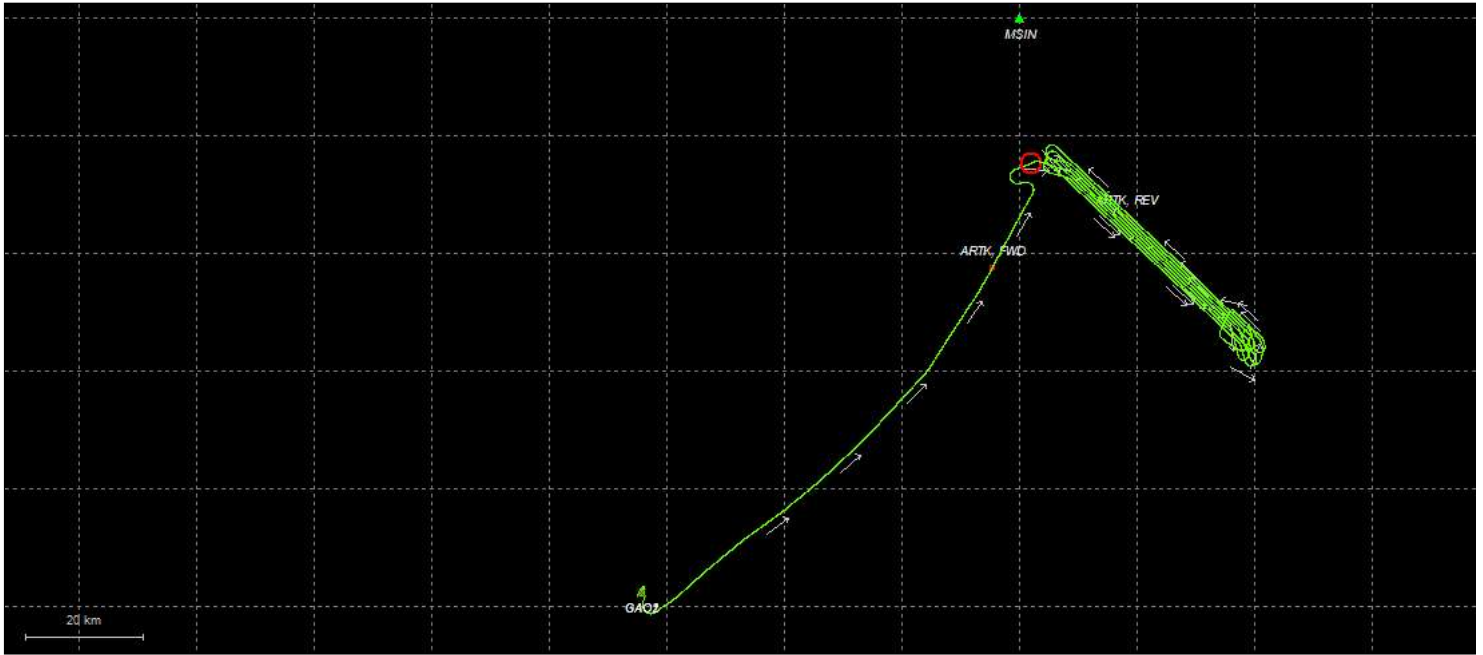


Process	20210515_004052_32	by Unknown	on 5/18/2021	at 18:34:41
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Output Results for 20210515_044150_33a

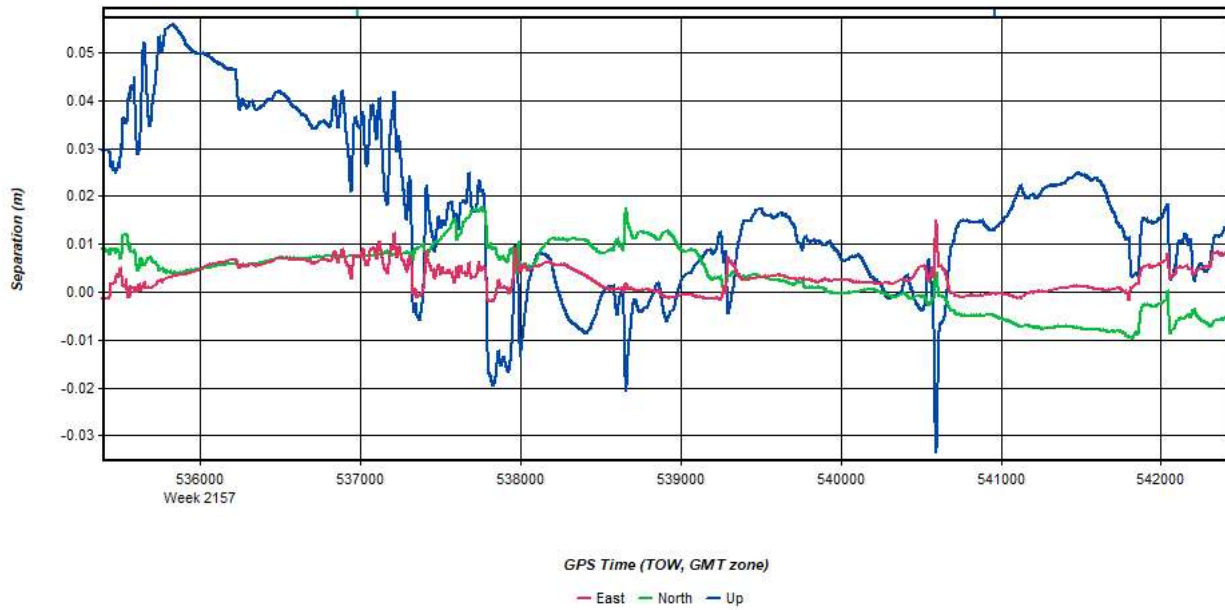
Inertial Explorer Version 8.90.2124
05/19/2021

Figure 1: Smoothed TC Combined - Map



Process	20210515_044150_33a	by Unknown	on 5/19/2021	at 14:17:33
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Figure 2: 20210515_044150_33a [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot



Process	20210515_044150_33a	by Unknown	on 5/19/2021	at 14:17:33
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Figure 3: 20210515_044150_33a [Smoothed TC Combined] - Float or Fixed Ambiguity

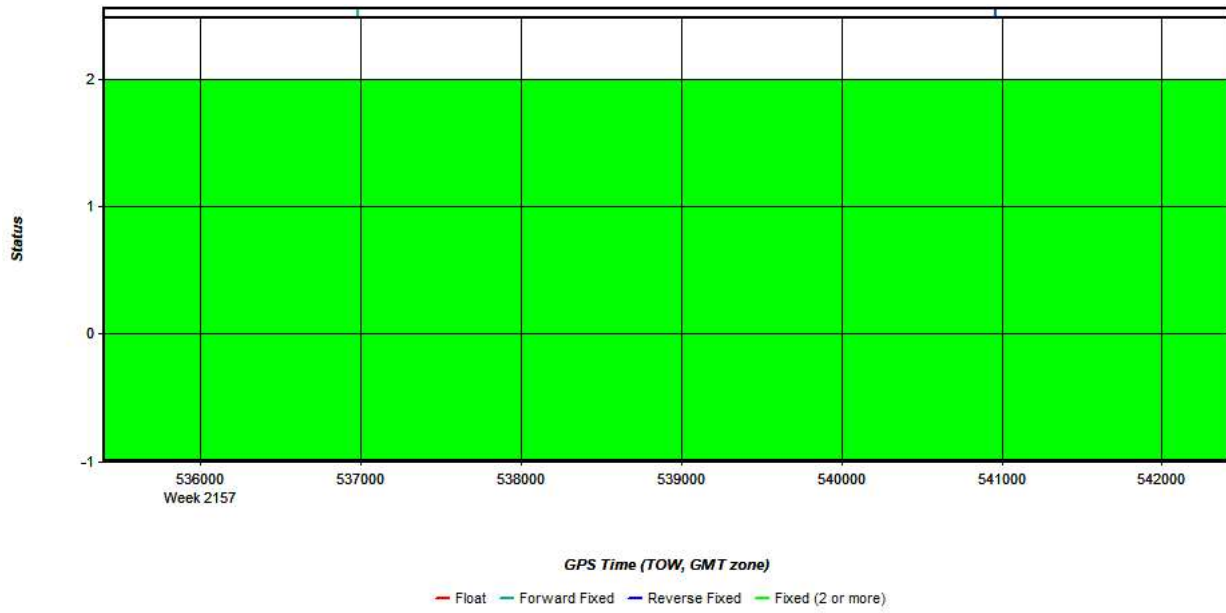


Figure 4: 20210515_044150_33a [Smoothed TC Combined] - Forward/Reverse Separation Plot (Fixed)

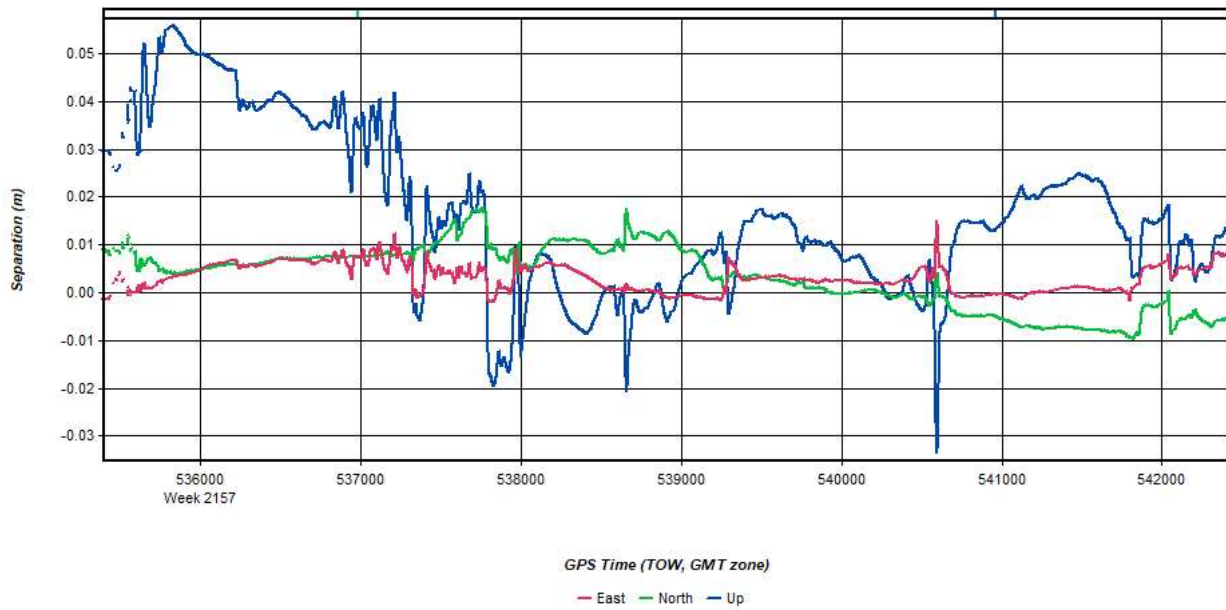
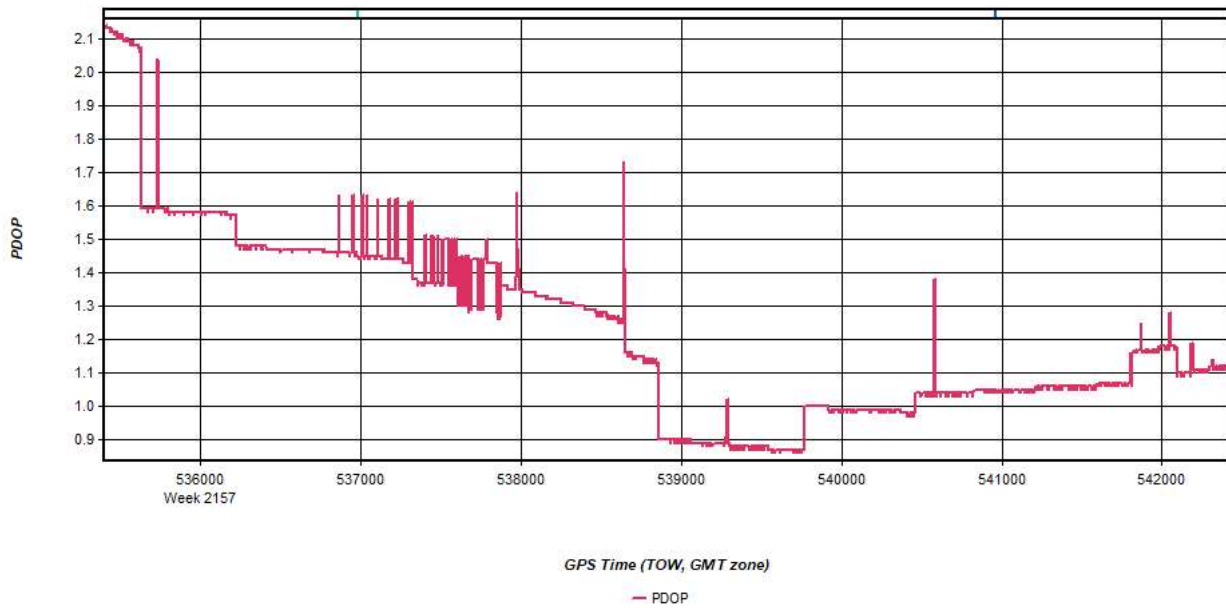


Figure 5: 20210515_044150_33a [Smoothed TC Combined] - Estimated Position Accuracy Plot



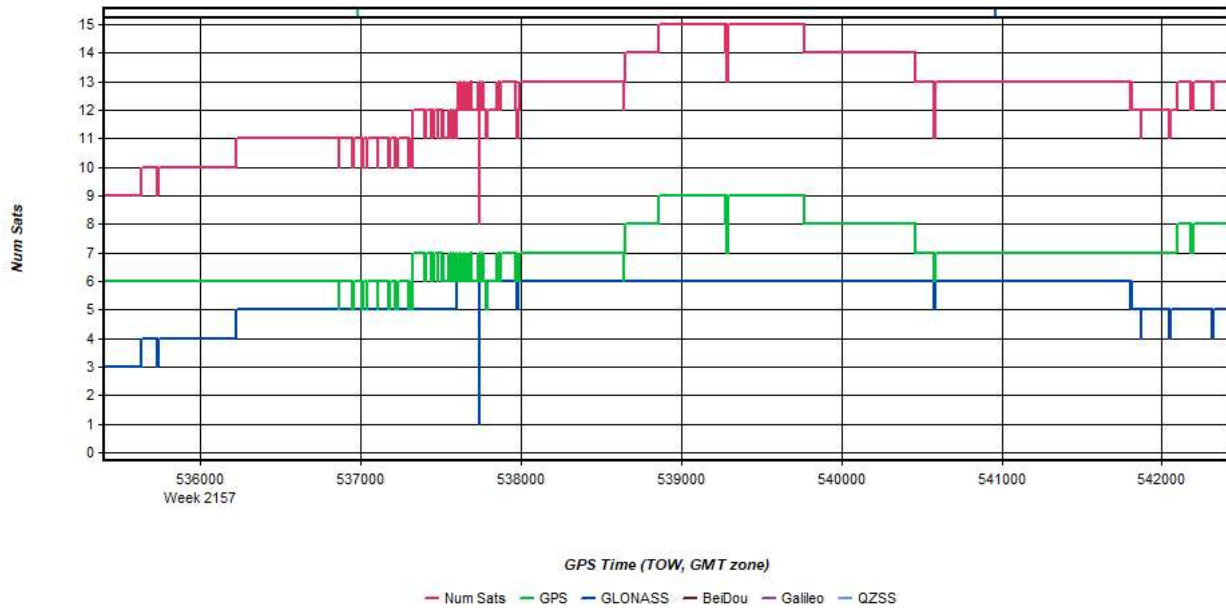
Process	20210515_044150_33a	by Unknown	on 5/19/2021	at 14:17:33
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Figure 6: 20210515_044150_33a [Smoothed TC Combined] - PDOP Plot



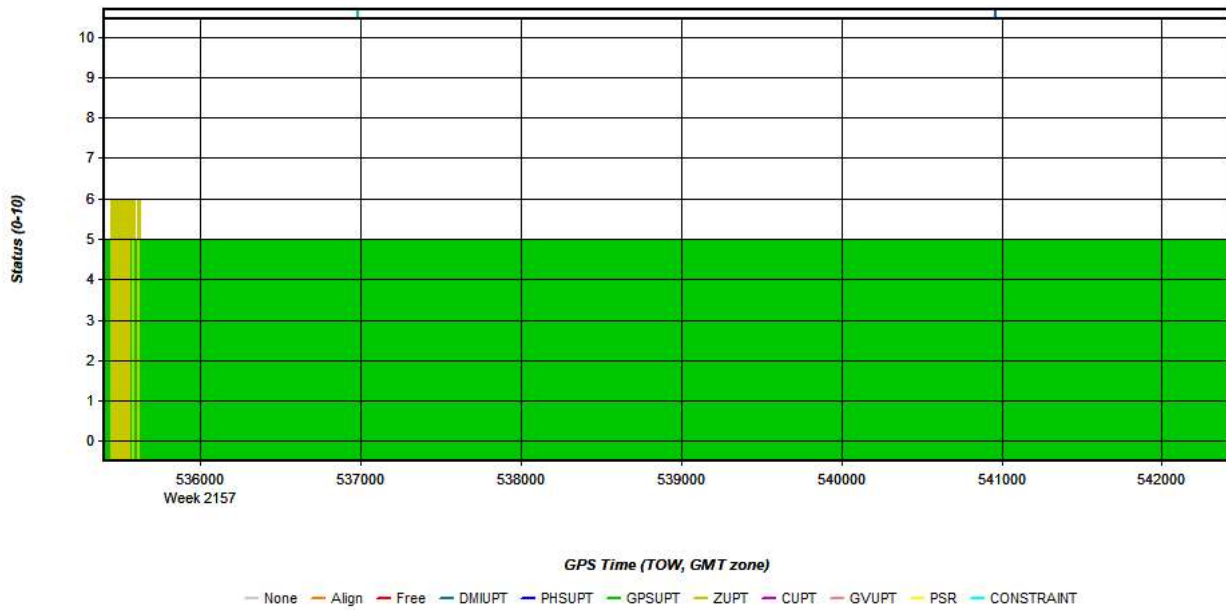
Process	20210515_044150_33a	by Unknown	on 5/19/2021	at 14:17:33
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Figure 7: 20210515_044150_33a [Smoothed TC Combined] - Number of Satellites Line Plot



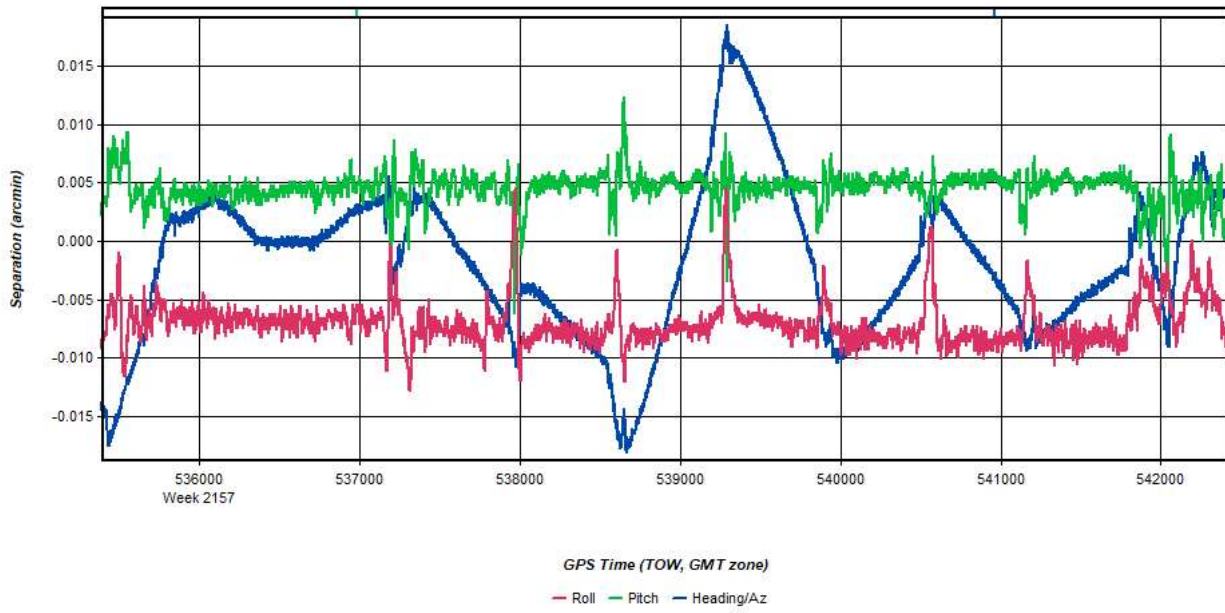
Process	20210515_044150_33a	by Unknown	on 5/19/2021	at 14:17:33
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Figure 8: 20210515_044150_33a [Smoothed TC Combined] - Status flag for IMU processing



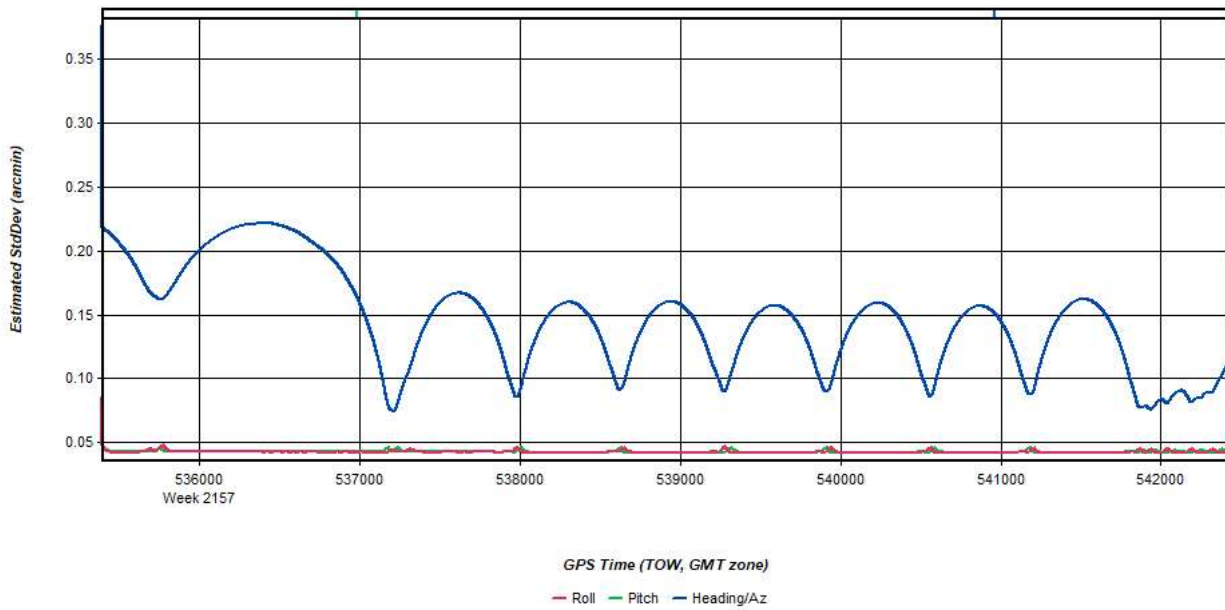
Process	20210515_044150_33a	by Unknown	on 5/19/2021	at 14:17:33
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Figure 9: 20210515_044150_33a [Smoothed TC Combined] - Fwd/Rev Attitude Separation Plot



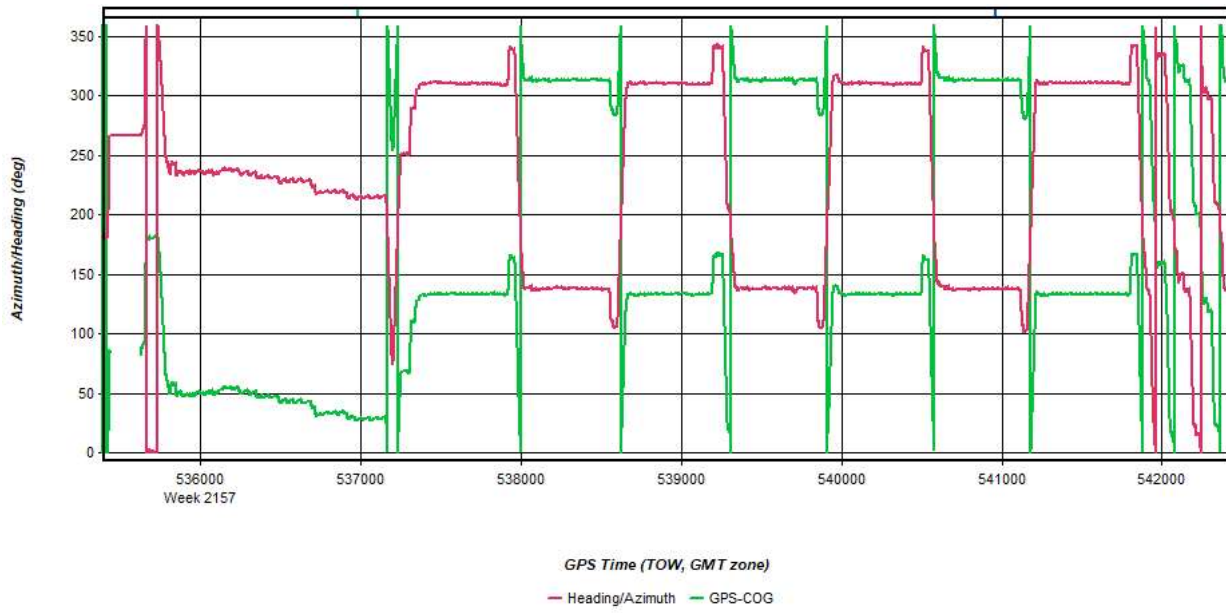
Process	20210515_044150_33a	by Unknown	on 5/19/2021	at 14:17:33
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Figure 10: 20210515_044150_33a [Smoothed TC Combined] - Estimated Attitude Accuracy Plot



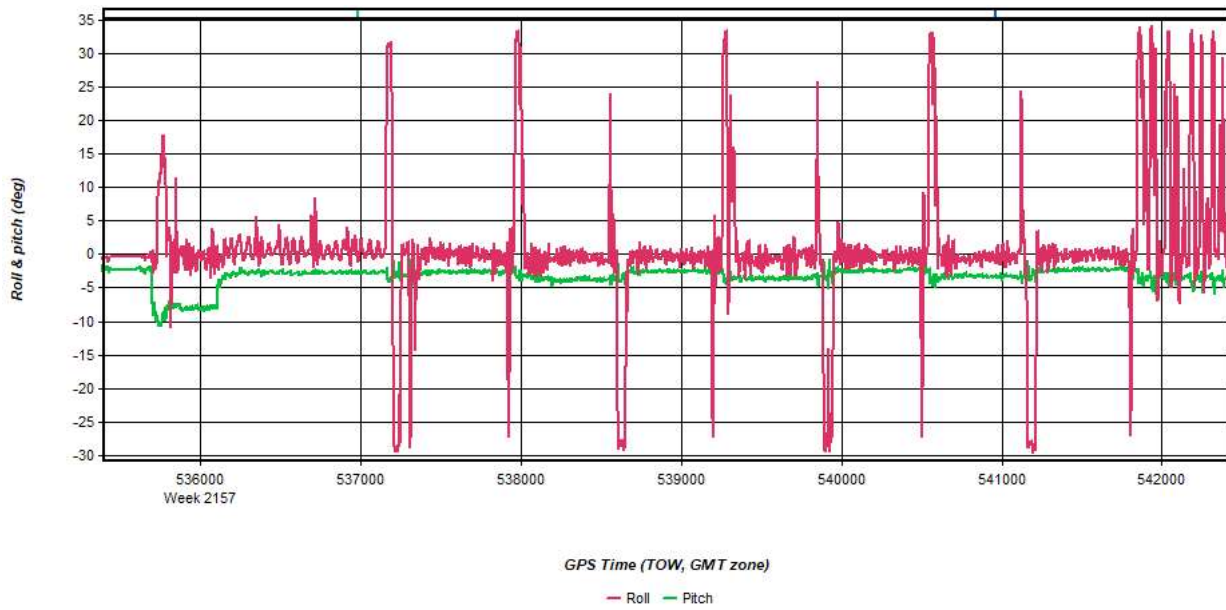
Process	20210515_044150_33a	by Unknown	on 5/19/2021	at 14:17:33
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Figure 11: 20210515_044150_33a [Smoothed TC Combined] - Azimuth Plot



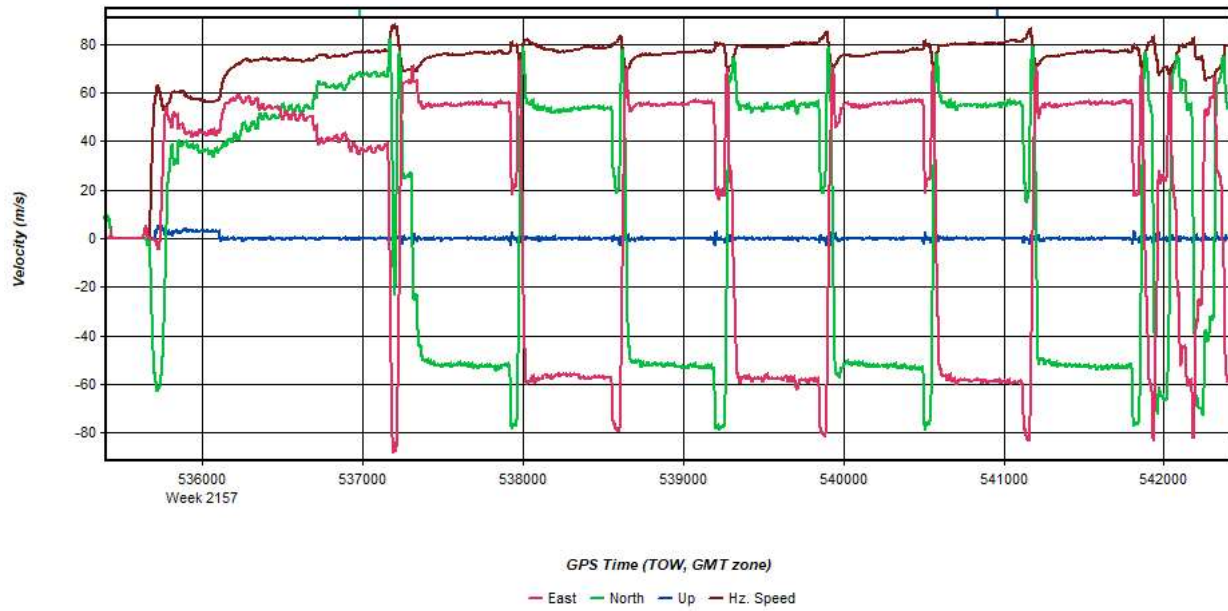
Process	20210515_044150_33a	by Unknown	on 5/19/2021	at 14:17:33
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Figure 12: 20210515_044150_33a [Smoothed TC Combined] - Roll & Pitch Plot



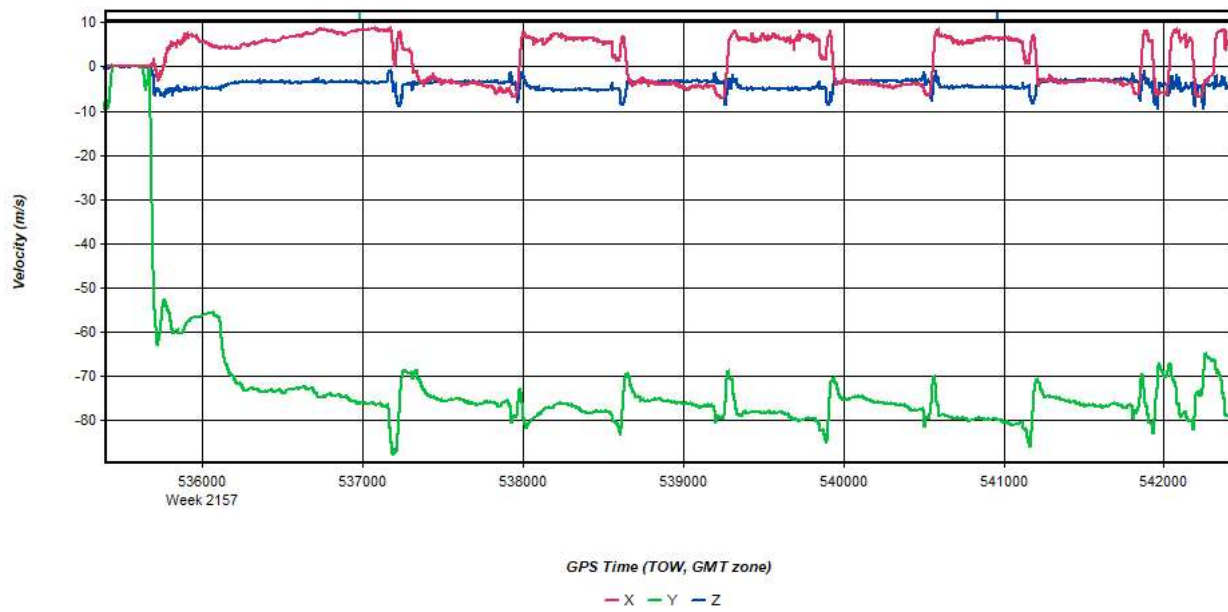
Process	20210515_044150_33a	by Unknown	on 5/19/2021	at 14:17:33
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Figure 13: 20210515_044150_33a [Smoothed TC Combined] - Velocity Profile Plot



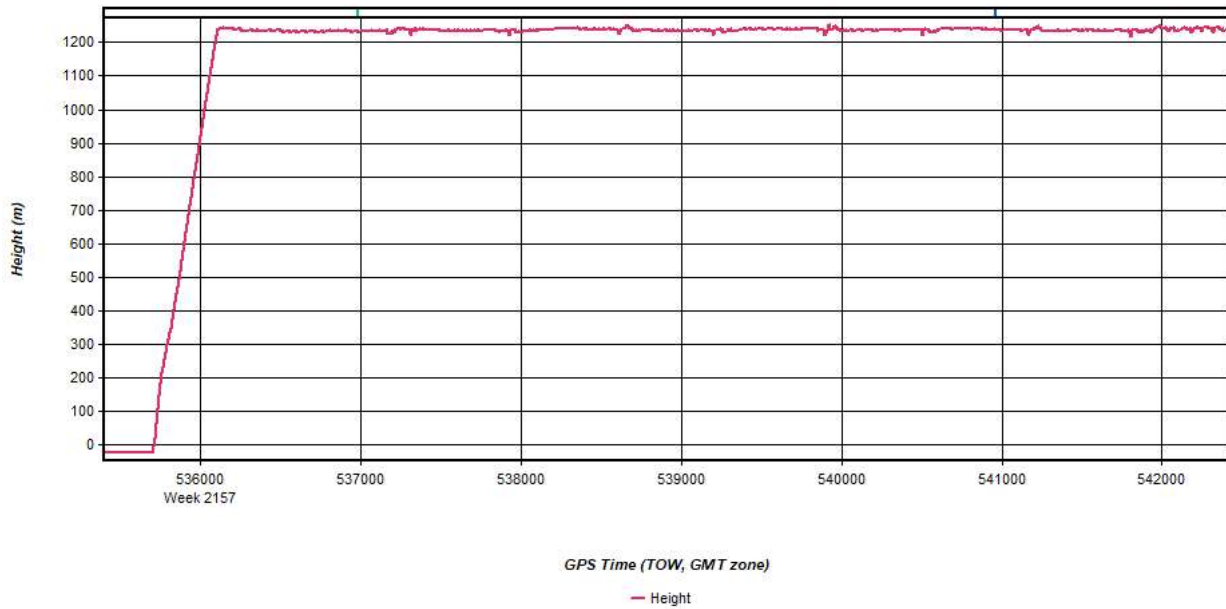
Process	20210515_044150_33a	by Unknown	on 5/19/2021	at 14:17:33
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Figure 14: 20210515_044150_33a [Smoothed TC Combined] - Body Frame Velocity Plot



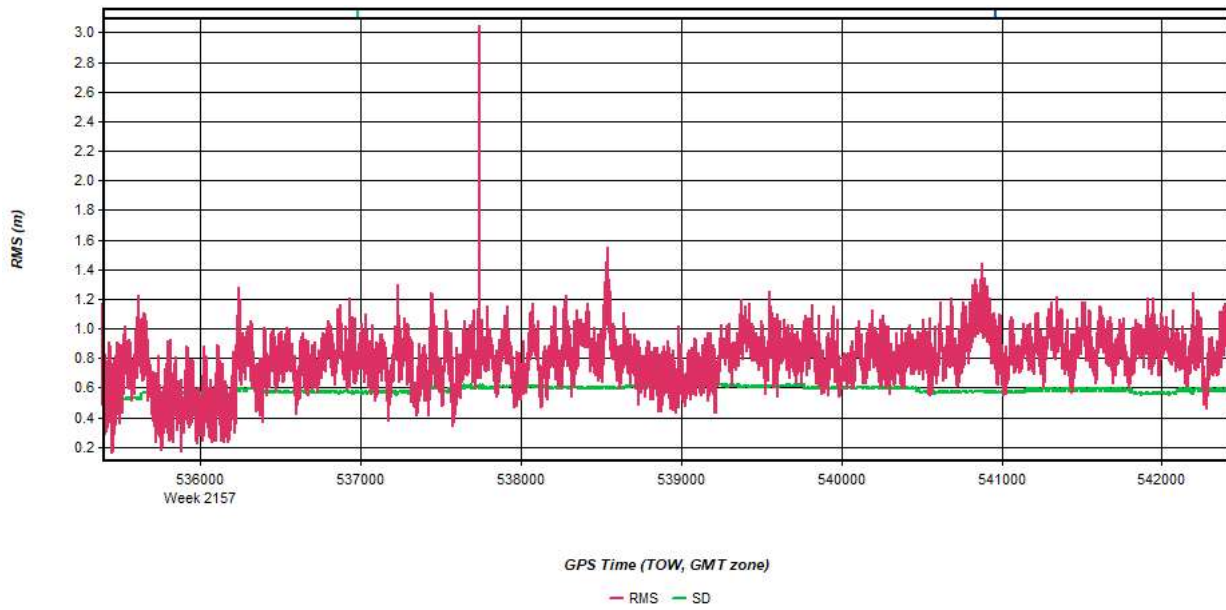
Process	20210515_044150_33a	by Unknown	on 5/19/2021	at 14:17:33
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Figure 15: 20210515_044150_33a [Smoothed TC Combined] - Height Profile Plot



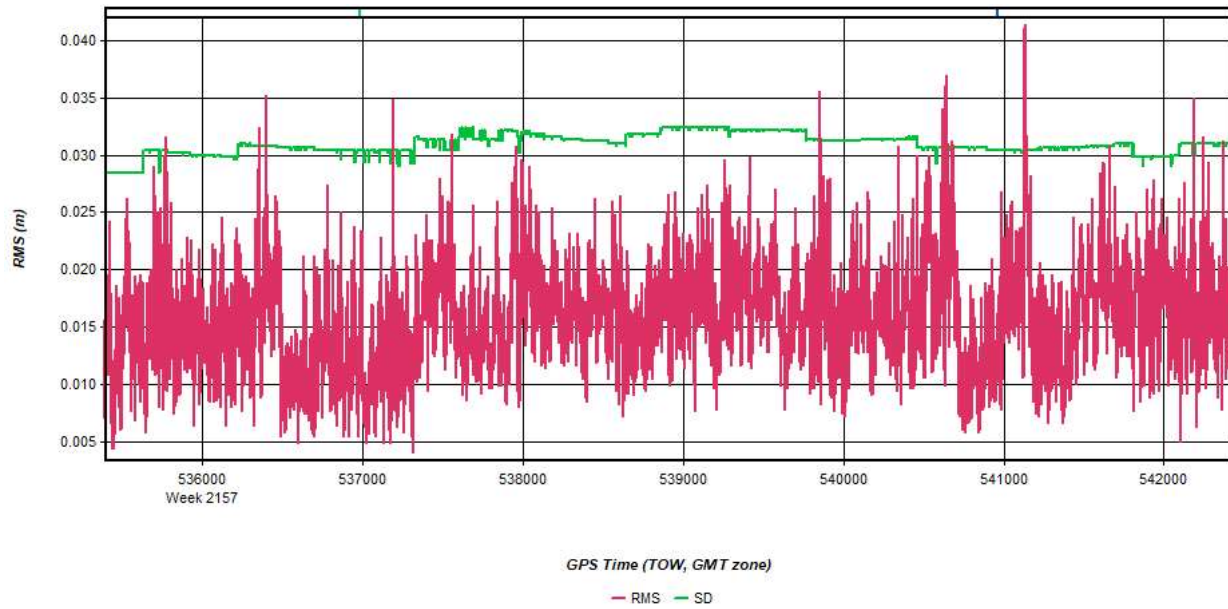
Process	20210515_044150_33a	by Unknown	on 5/19/2021	at 14:17:33
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Figure 16: 20210515_044150_33a [Smoothed TC Combined] - C/A Code Residual RMS Plot



Process	20210515_044150_33a	by Unknown	on 5/19/2021	at 14:17:33
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Figure 17: 20210515_044150_33a [Smoothed TC Combined] - Carrier Residual RMS Plot



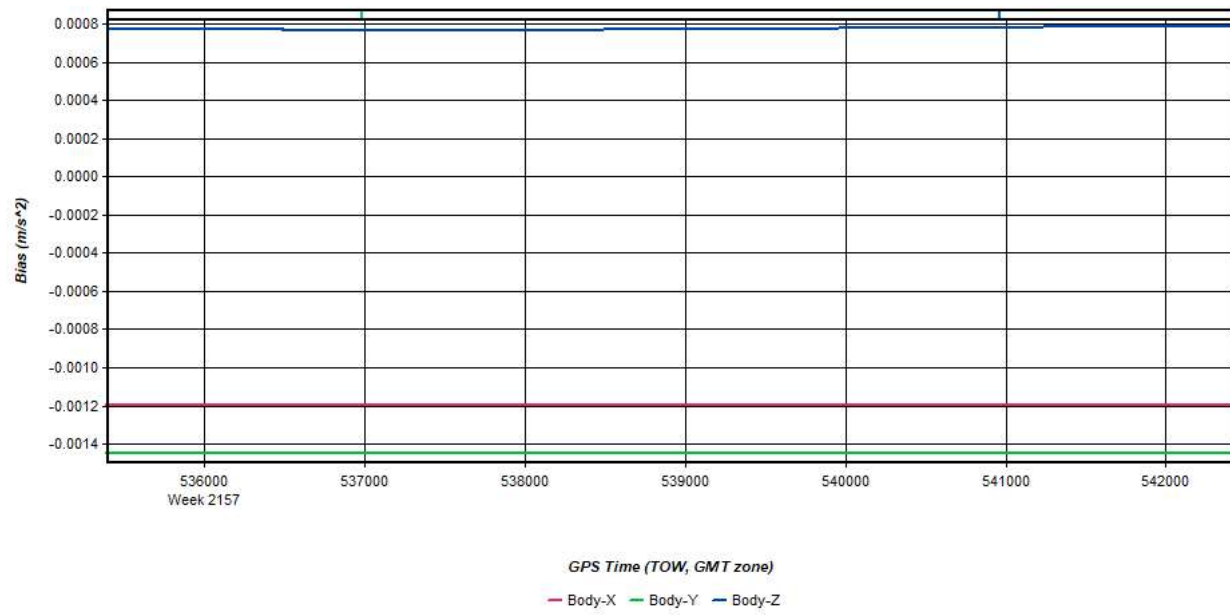
Process	20210515_044150_33a	by Unknown	on 5/19/2021	at 14:17:33
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Figure 18: 20210515_044150_33a [Smoothed TC Combined] - L1 Doppler Residual RMS Plot



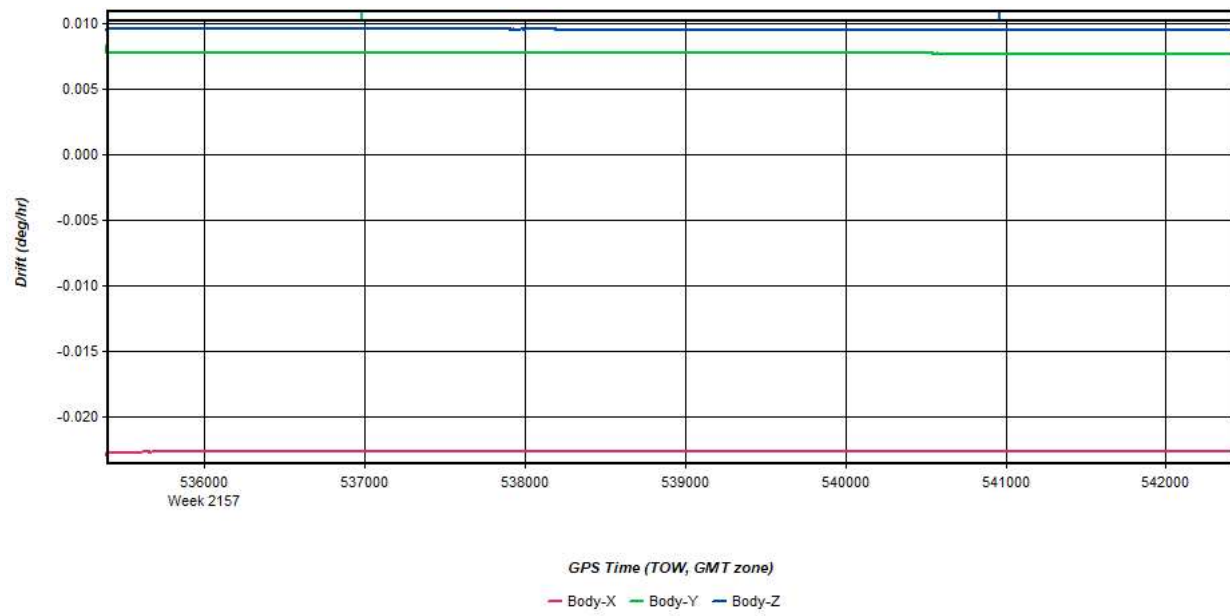
Process	20210515_044150_33a	by Unknown	on 5/19/2021	at 14:17:33
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Figure 19: 20210515_044150_33a [Smoothed TC Combined] - Accelerometer Bias Plot



Process	20210515_044150_33a	by Unknown	on 5/19/2021	at 14:17:33
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Figure 20: 20210515_044150_33a [Smoothed TC Combined] - Gyro Drift Plot

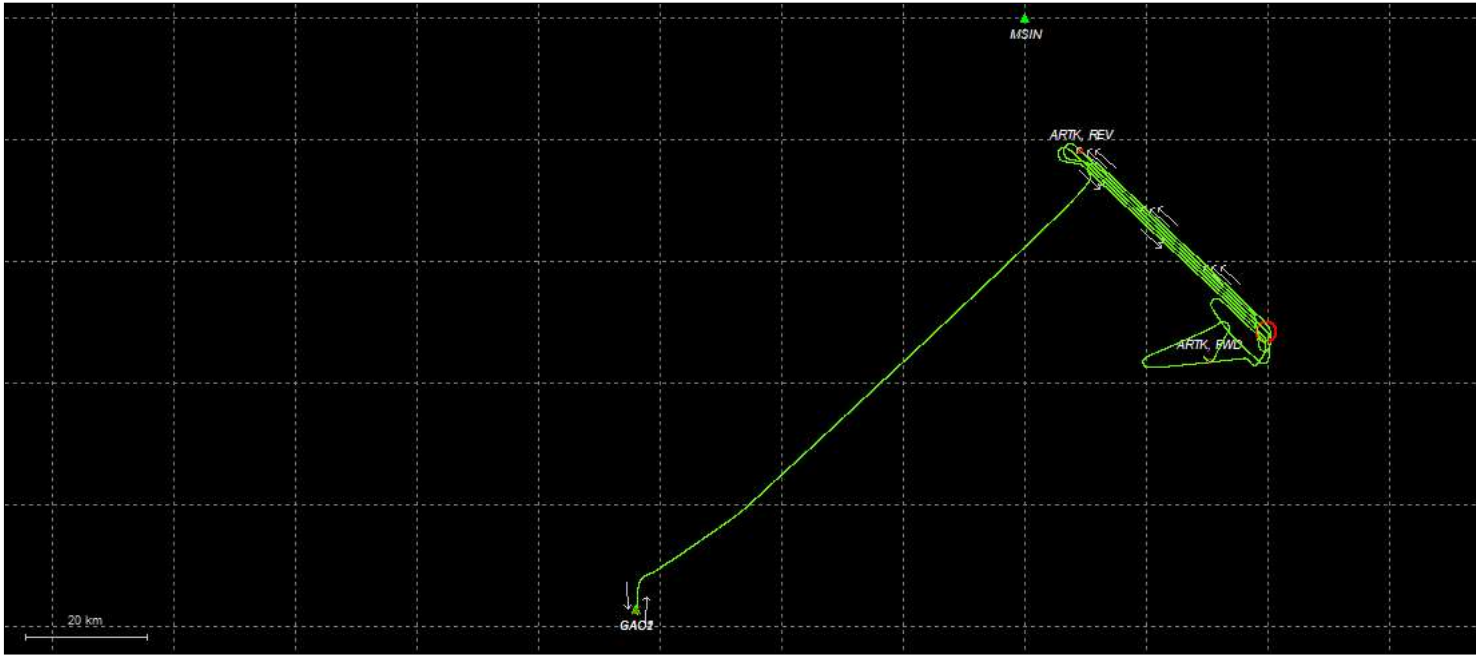


Process	20210515_044150_33a	by Unknown	on 5/19/2021	at 14:17:33
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Output Results for 20210515_064407_33b

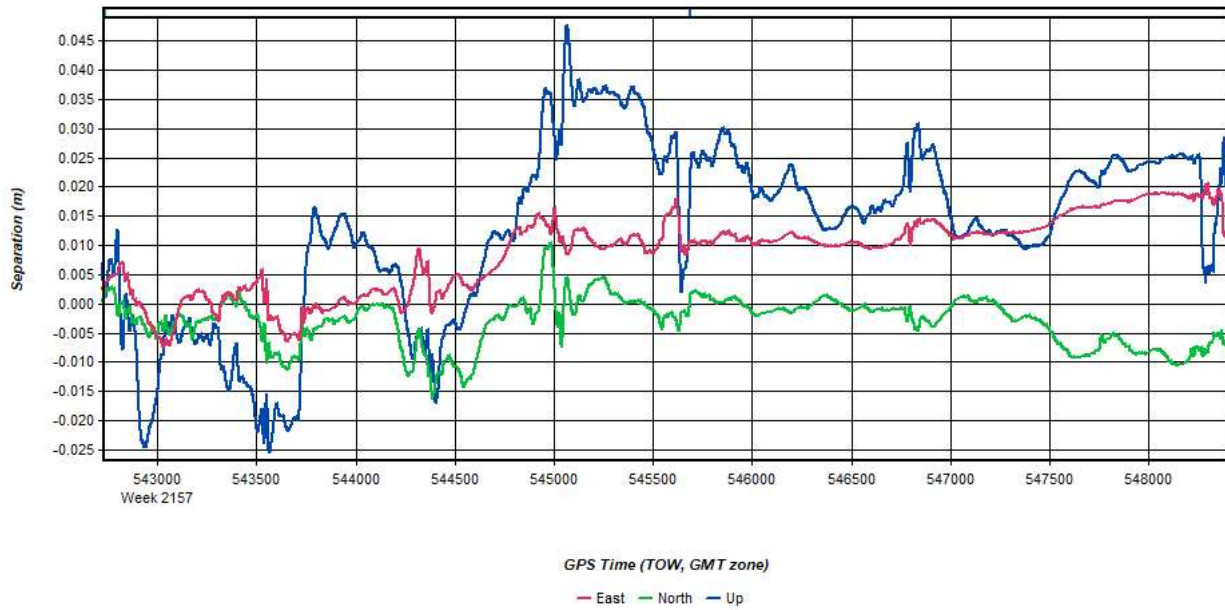
Inertial Explorer Version 8.90.2124
05/19/2021

Figure 1: Smoothed TC Combined - Map



Process	20210515_064407_33b	by Unknown	on 5/19/2021	at 16:05:04
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Figure 2: 20210515_064407_33b [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot



Process	20210515_064407_33b	by Unknown	on 5/19/2021	at 16:05:04
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Figure 3: 20210515_064407_33b [Smoothed TC Combined] - Float or Fixed Ambiguity

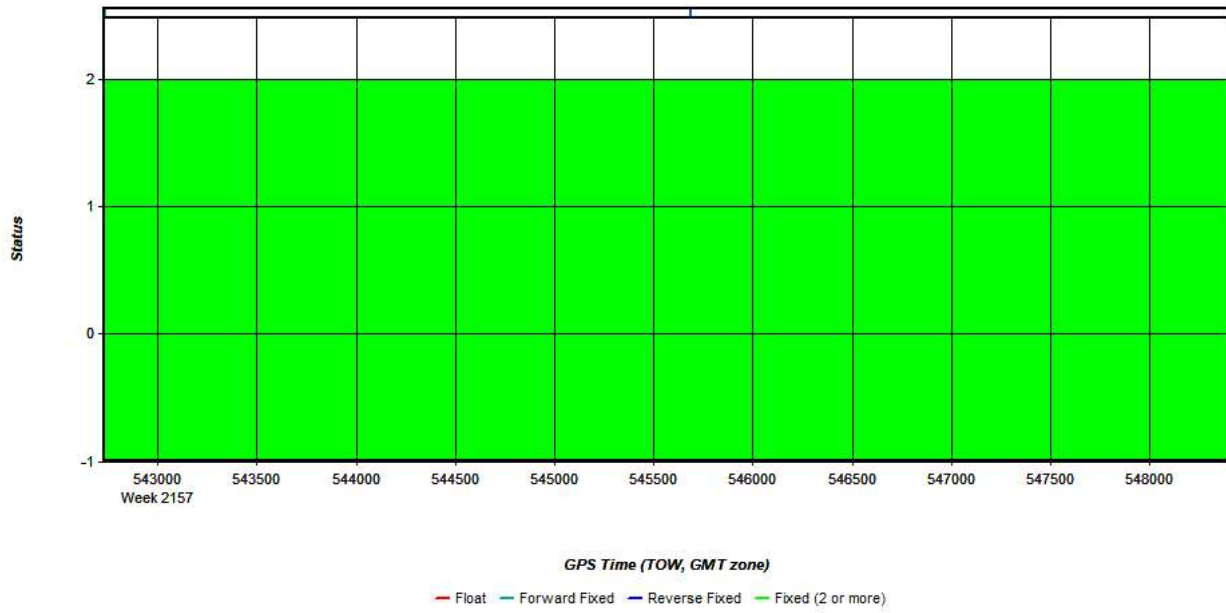


Figure 4: 20210515_064407_33b [Smoothed TC Combined] - Forward/Reverse Separation Plot (Fixed)

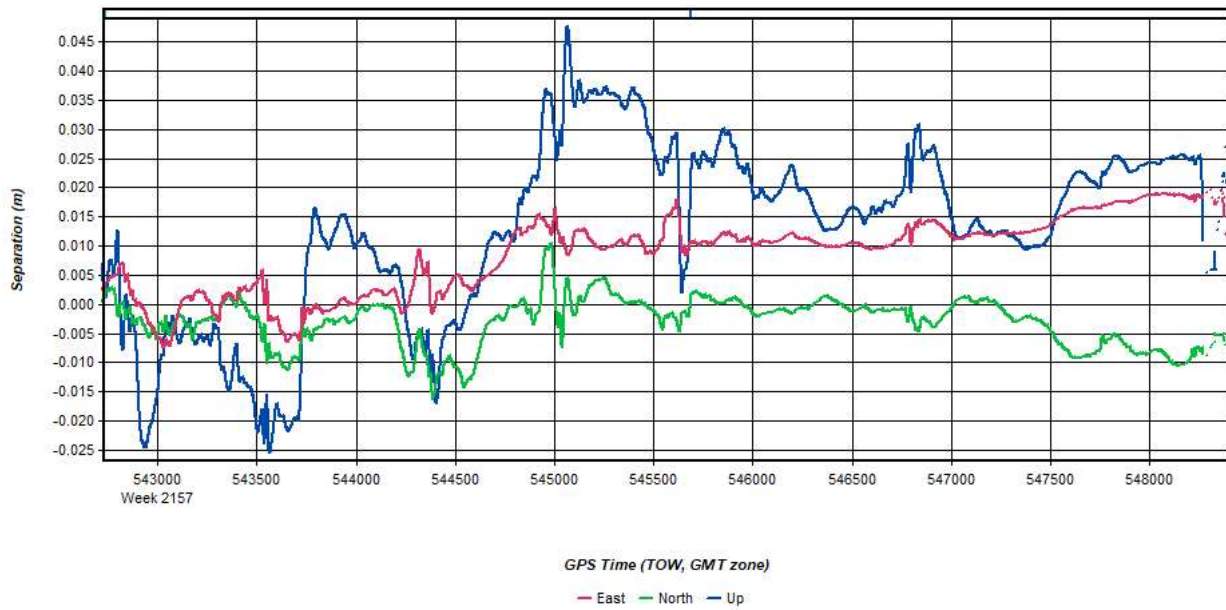
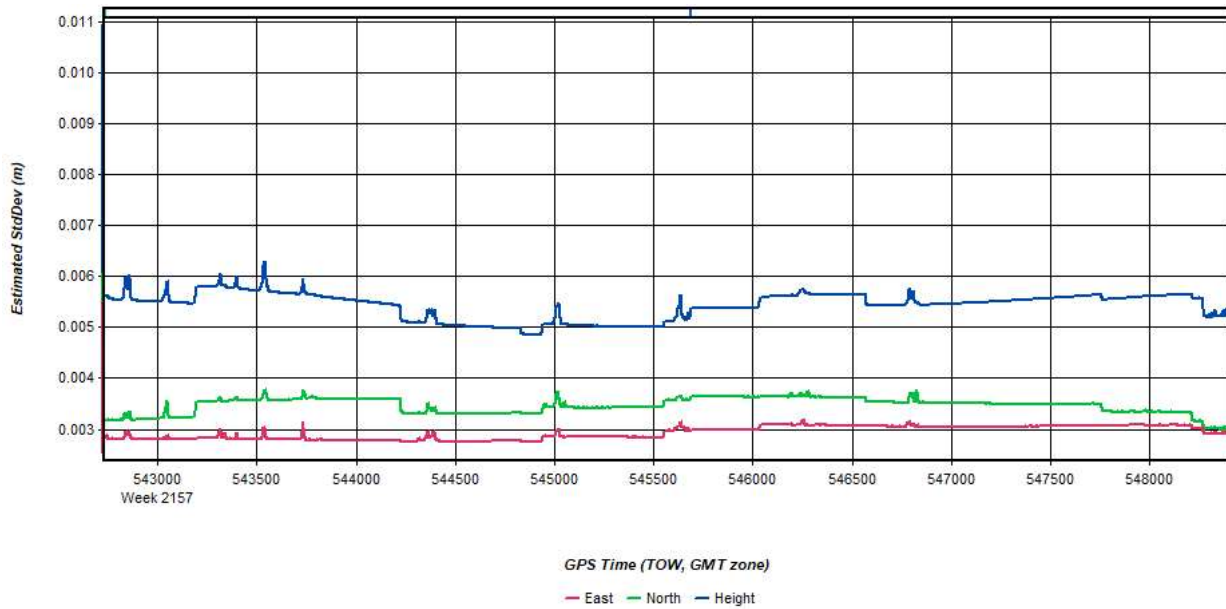
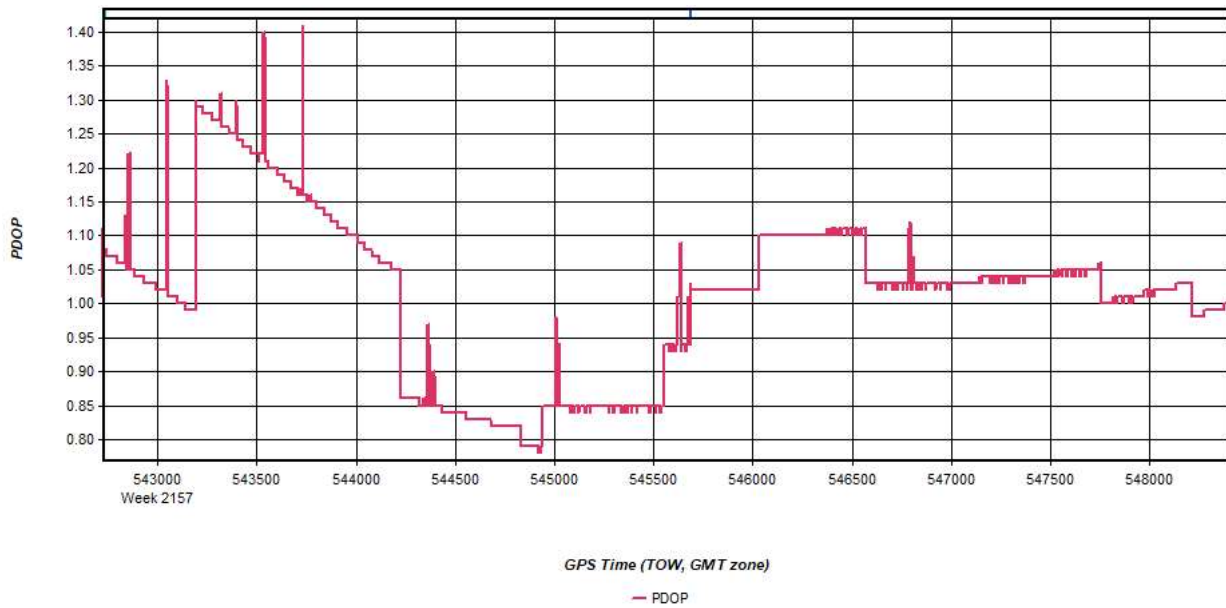


Figure 5: 20210515_064407_33b [Smoothed TC Combined] - Estimated Position Accuracy Plot



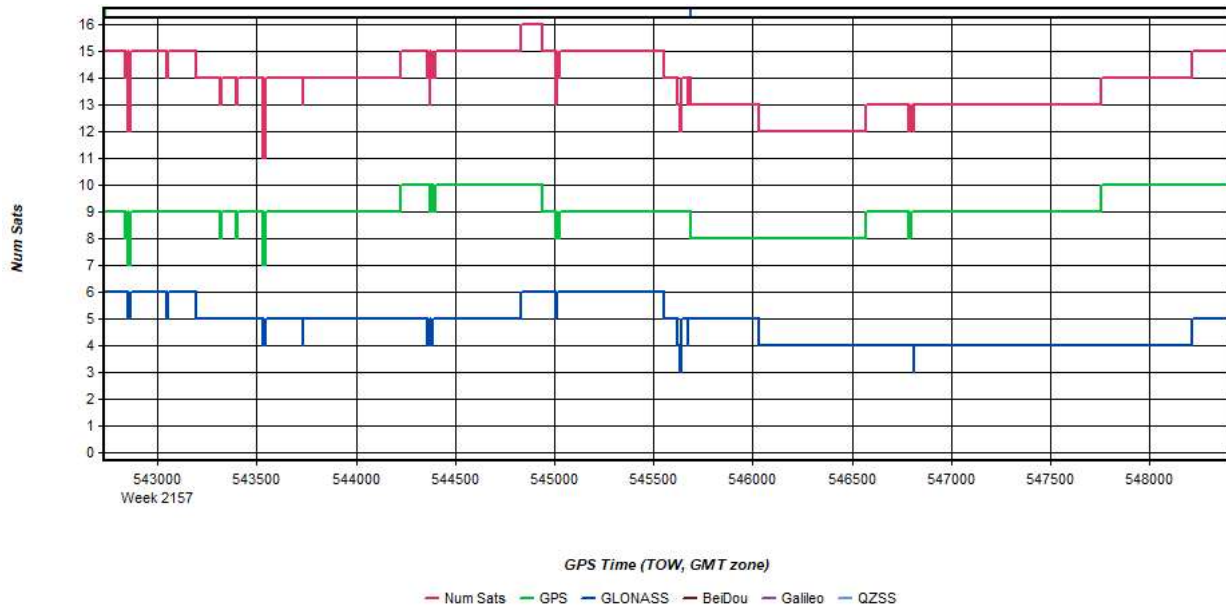
Process	20210515_064407_33b	by Unknown	on 5/19/2021	at 16:05:04
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Figure 6: 20210515_064407_33b [Smoothed TC Combined] - PDOP Plot



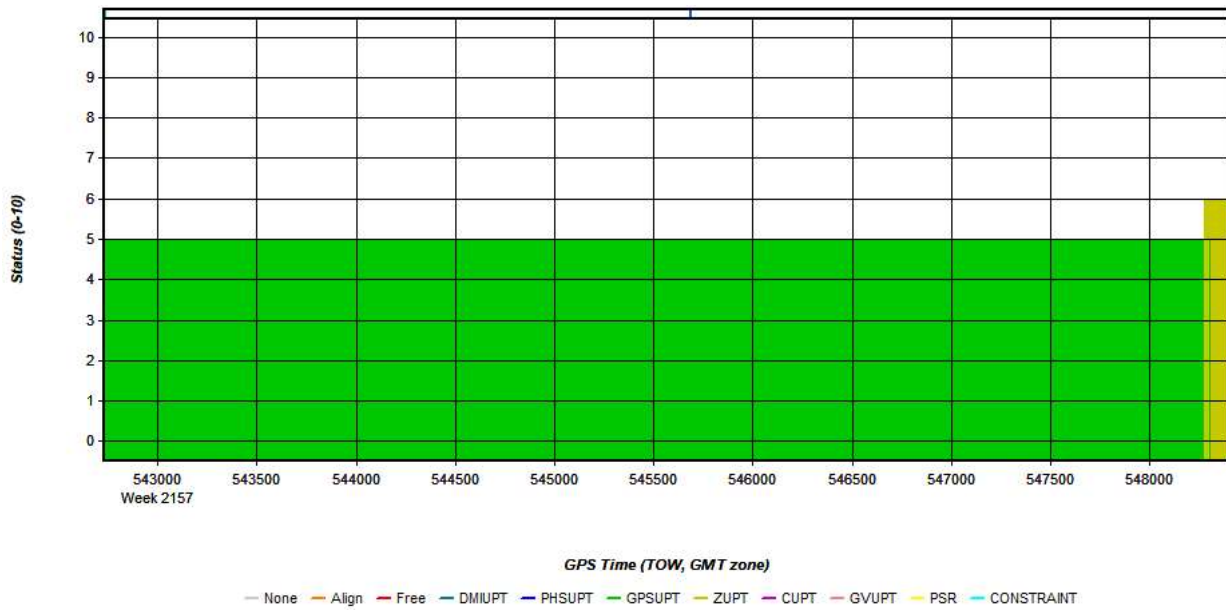
Process	20210515_064407_33b	by Unknown	on 5/19/2021	at 16:05:04
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Figure 7: 20210515_064407_33b [Smoothed TC Combined] - Number of Satellites Line Plot



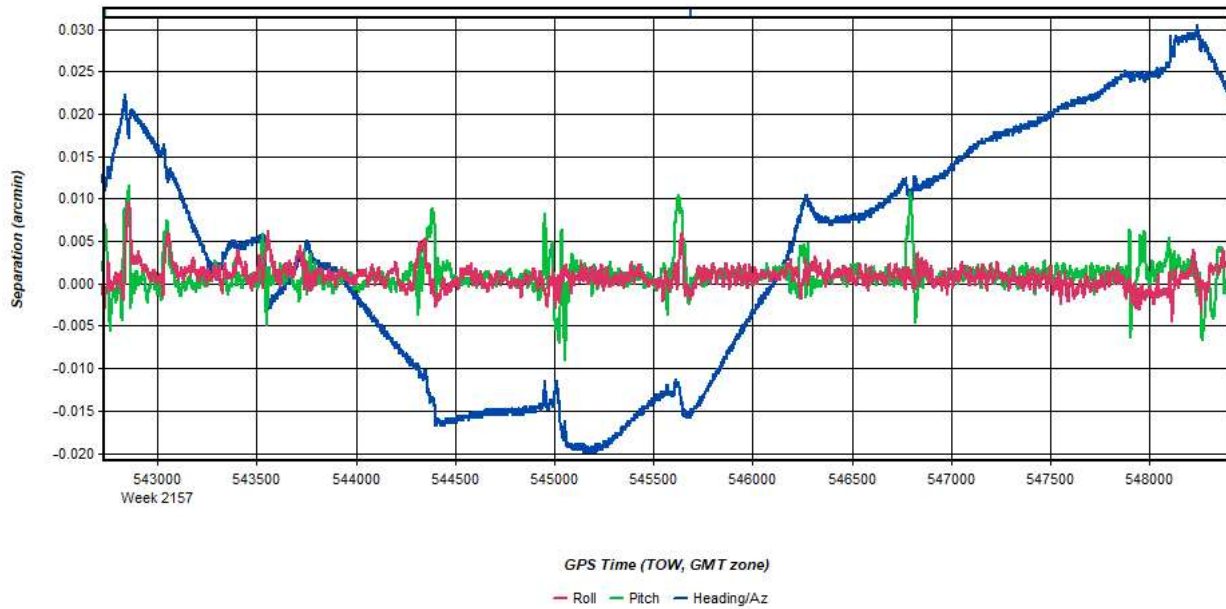
Process	20210515_064407_33b	by Unknown	on 5/19/2021	at 16:05:04
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Figure 8: 20210515_064407_33b [Smoothed TC Combined] - Status flag for IMU processing



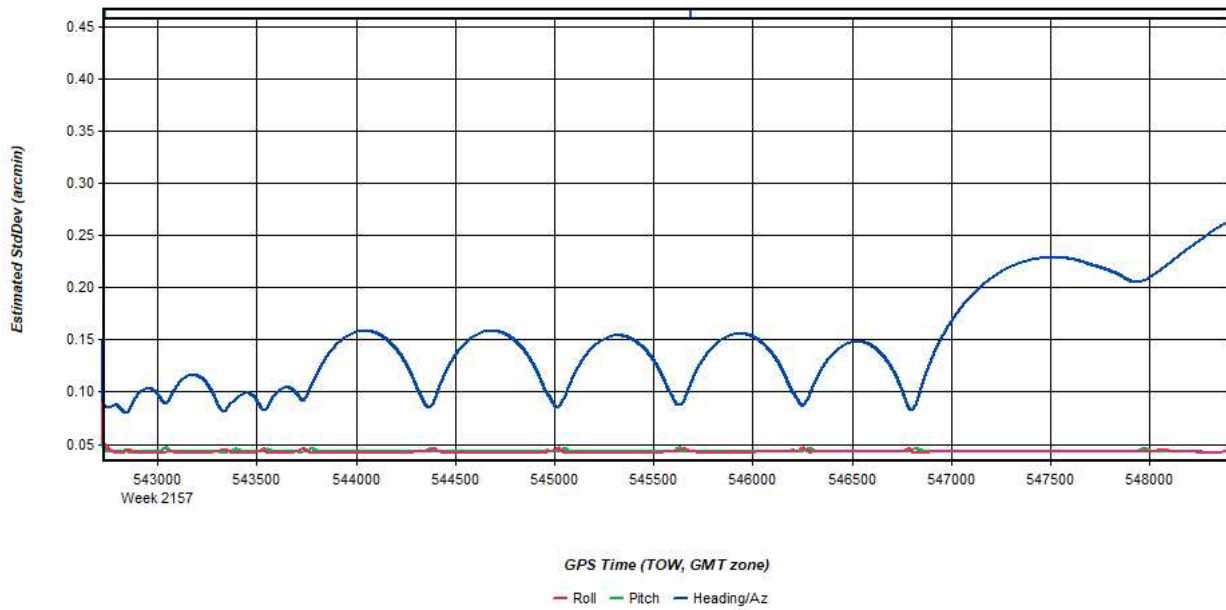
Process	20210515_064407_33b	by Unknown	on 5/19/2021	at 16:05:04
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Figure 9: 20210515_064407_33b [Smoothed TC Combined] - Fwd/Rev Attitude Separation Plot



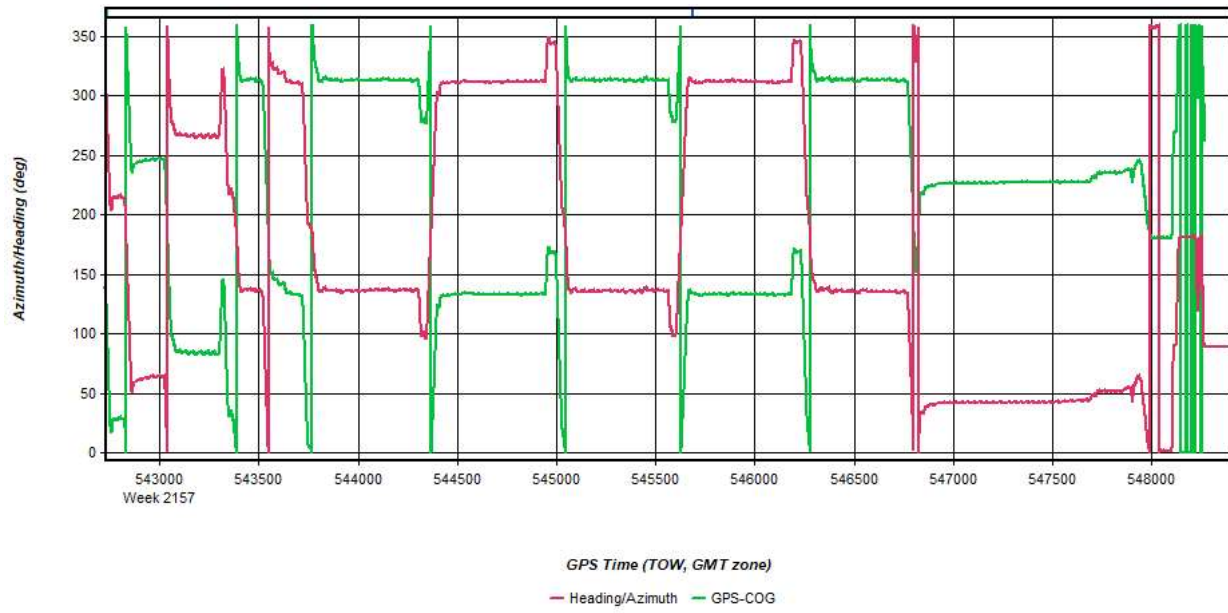
Process	20210515_064407_33b	by Unknown	on 5/19/2021	at 16:05:04
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Figure 10: 20210515_064407_33b [Smoothed TC Combined] - Estimated Attitude Accuracy Plot



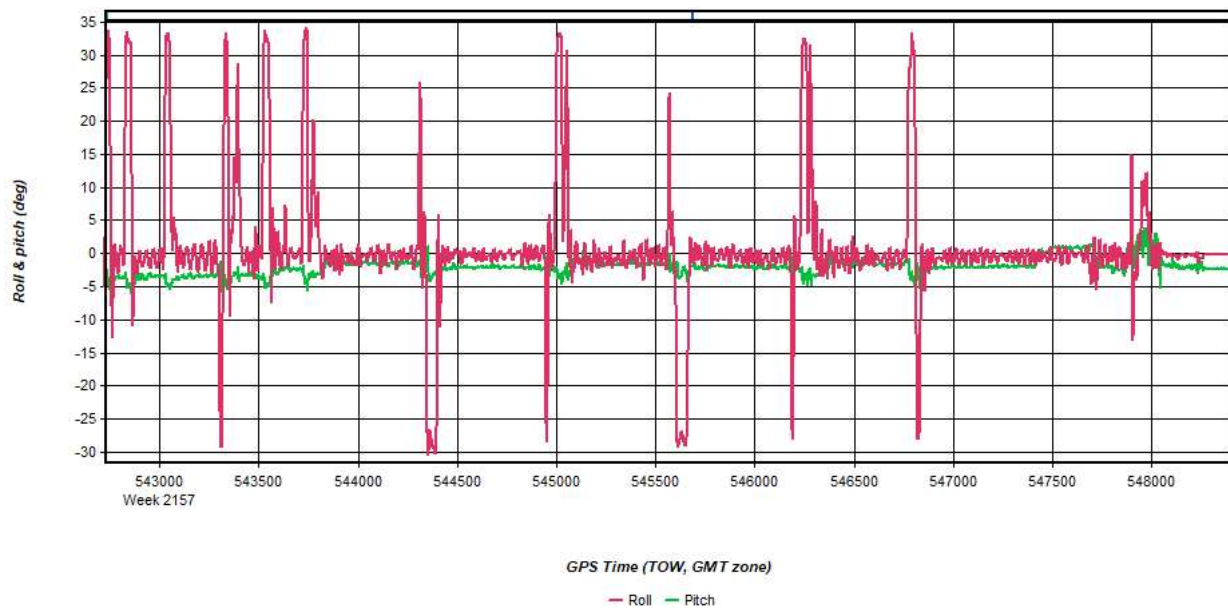
Process	20210515_064407_33b	by Unknown	on 5/19/2021	at 16:05:04
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Figure 11: 20210515_064407_33b [Smoothed TC Combined] - Azimuth Plot



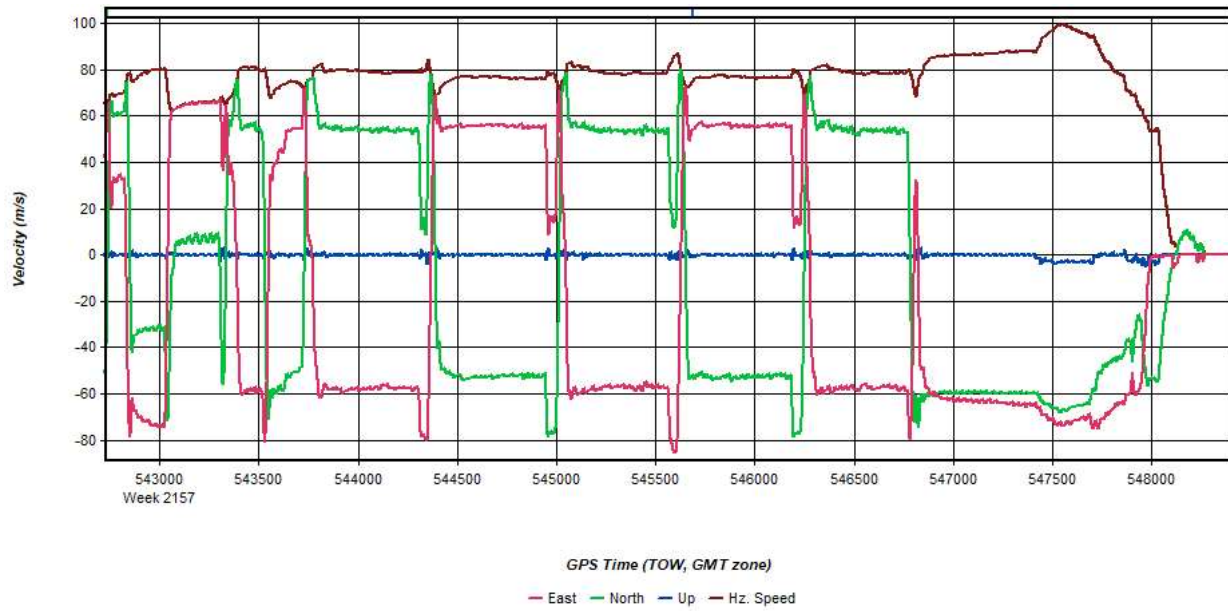
Process	20210515_064407_33b	by Unknown	on 5/19/2021	at 16:05:04
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Figure 12: 20210515_064407_33b [Smoothed TC Combined] - Roll & Pitch Plot



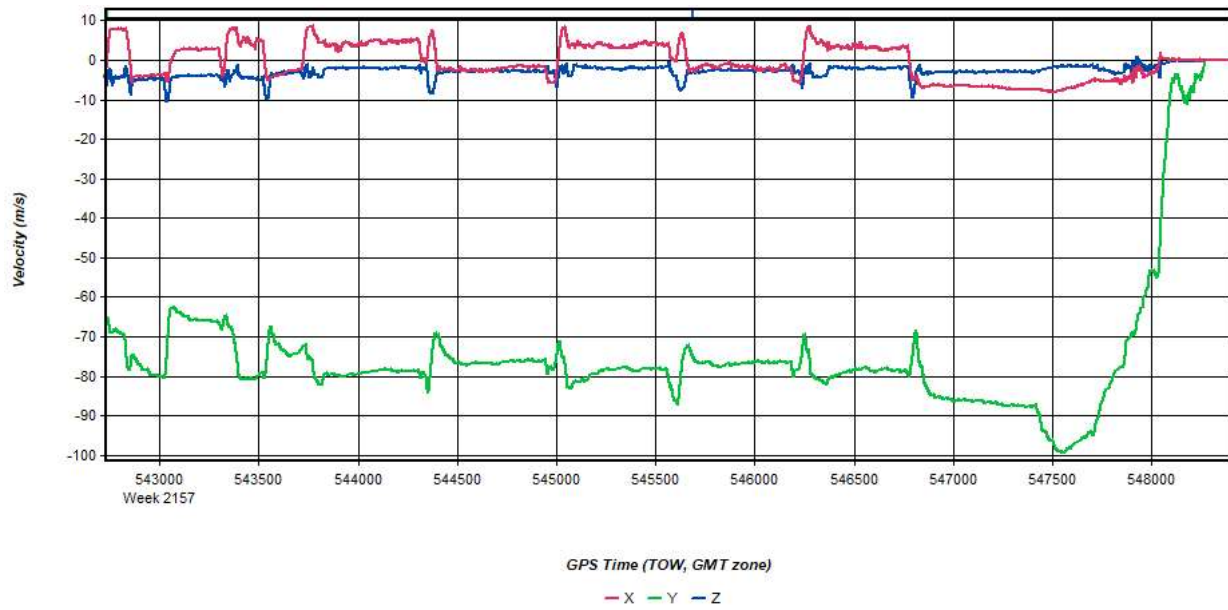
Process	20210515_064407_33b	by Unknown	on 5/19/2021	at 16:05:04
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Figure 13: 20210515_064407_33b [Smoothed TC Combined] - Velocity Profile Plot



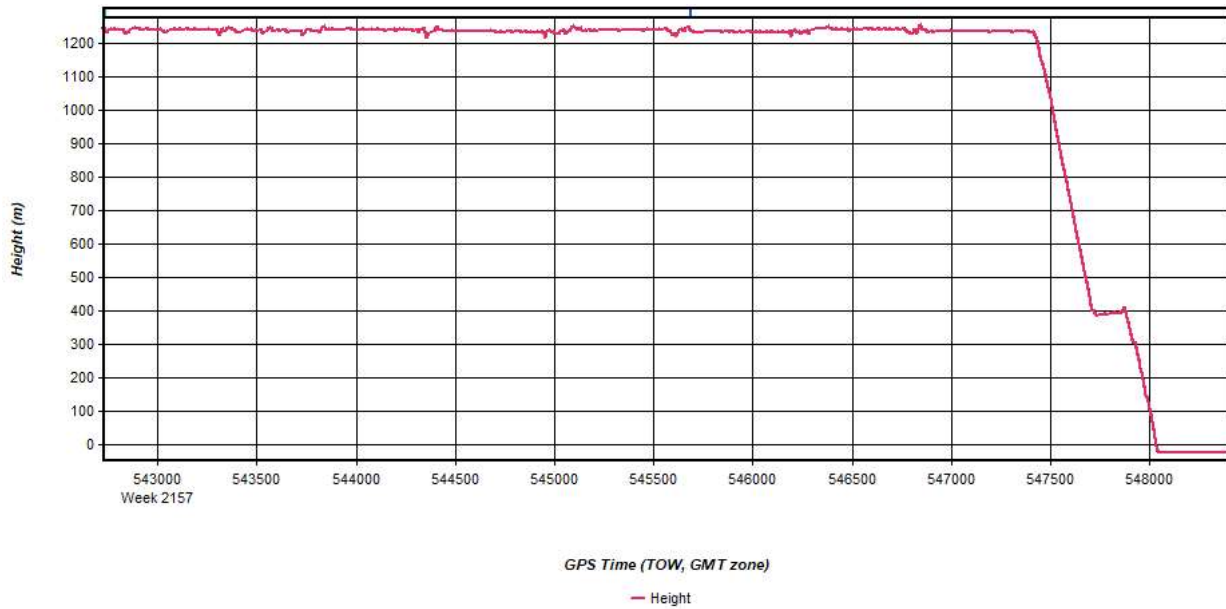
Process	20210515_064407_33b	by Unknown	on 5/19/2021	at 16:05:04
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Figure 14: 20210515_064407_33b [Smoothed TC Combined] - Body Frame Velocity Plot



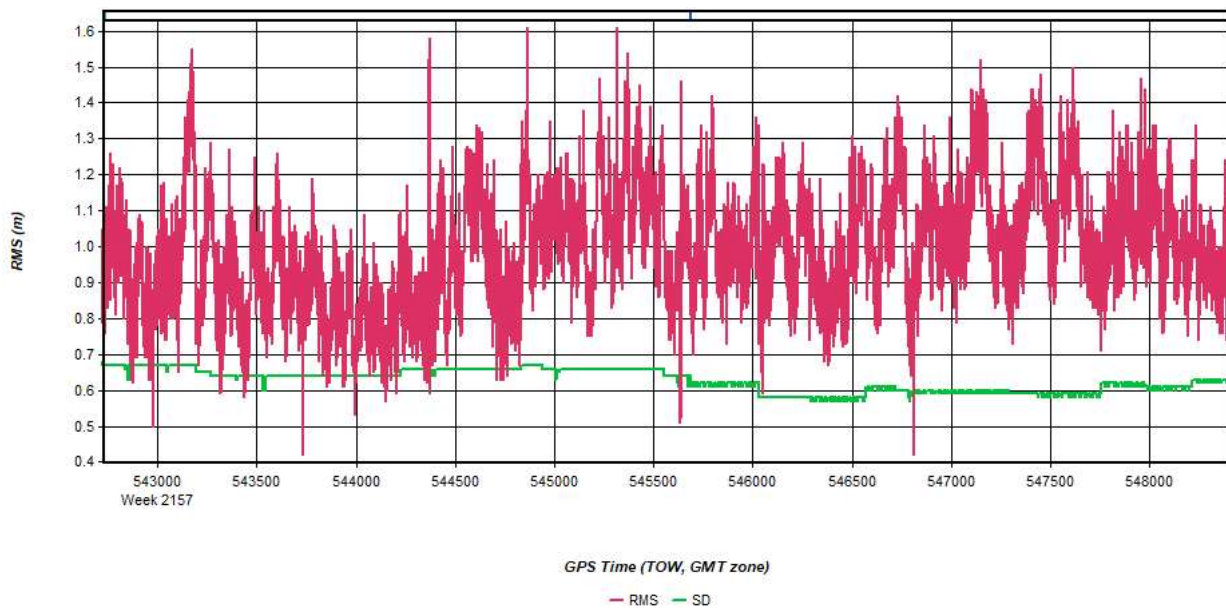
Process	20210515_064407_33b	by Unknown	on 5/19/2021	at 16:05:04
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Figure 15: 20210515_064407_33b [Smoothed TC Combined] - Height Profile Plot



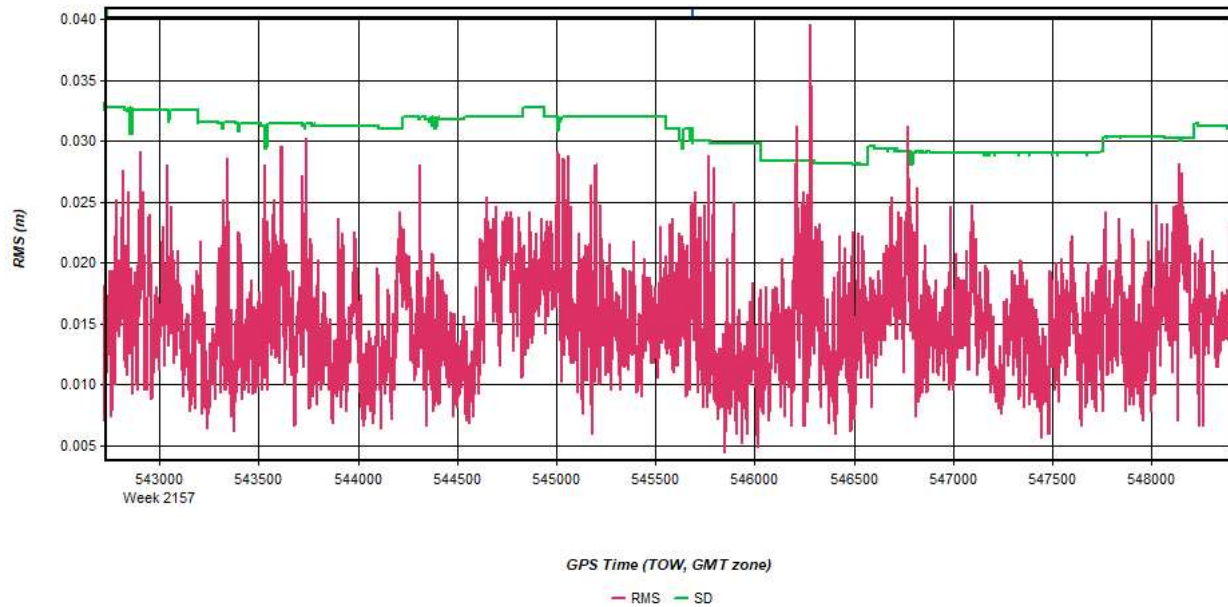
Process	20210515_064407_33b	by Unknown	on 5/19/2021	at 16:05:04
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Figure 16: 20210515_064407_33b [Smoothed TC Combined] - C/A Code Residual RMS Plot



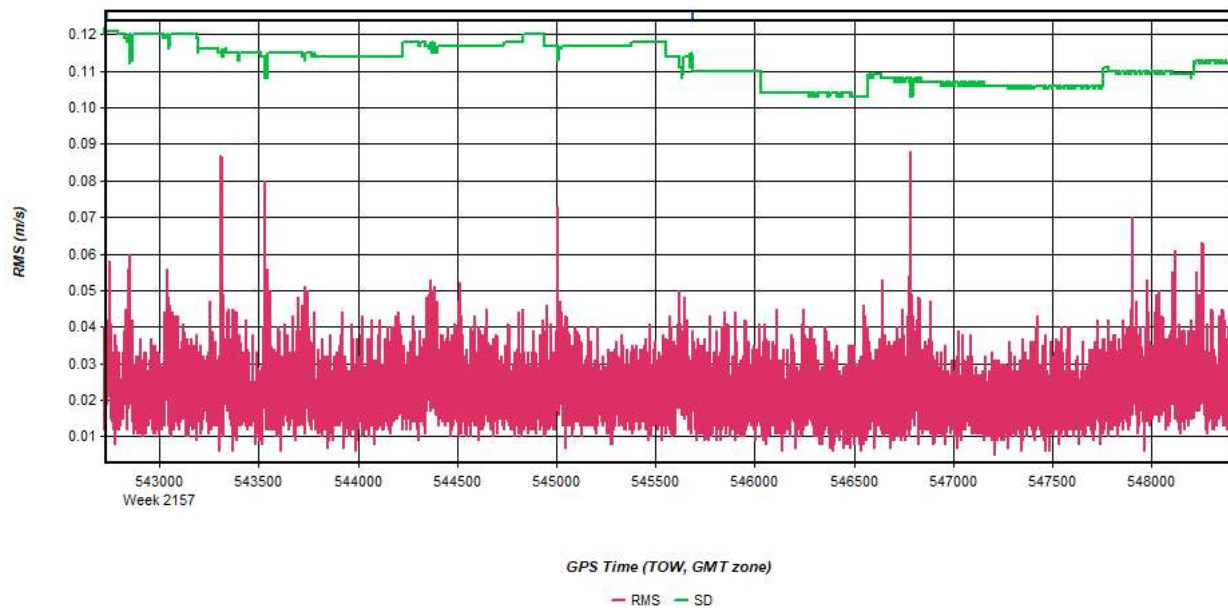
Process	20210515_064407_33b	by Unknown	on 5/19/2021	at 16:05:04
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Figure 17: 20210515_064407_33b [Smoothed TC Combined] - Carrier Residual RMS Plot



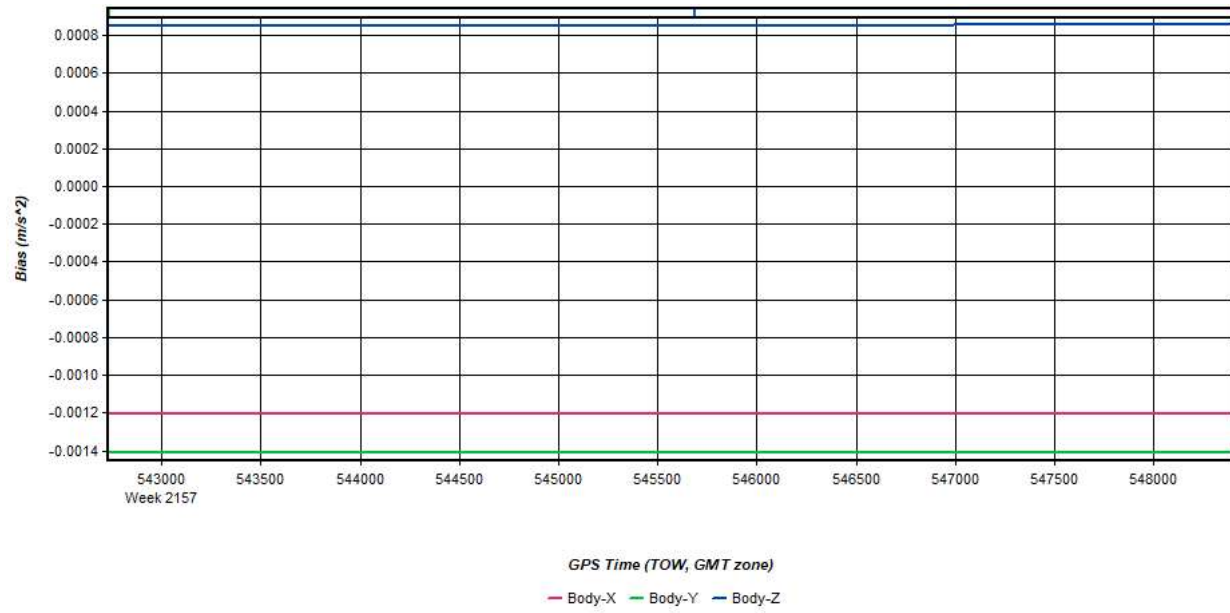
Process	20210515_064407_33b	by Unknown	on 5/19/2021	at 16:05:04
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Figure 18: 20210515_064407_33b [Smoothed TC Combined] - L1 Doppler Residual RMS Plot



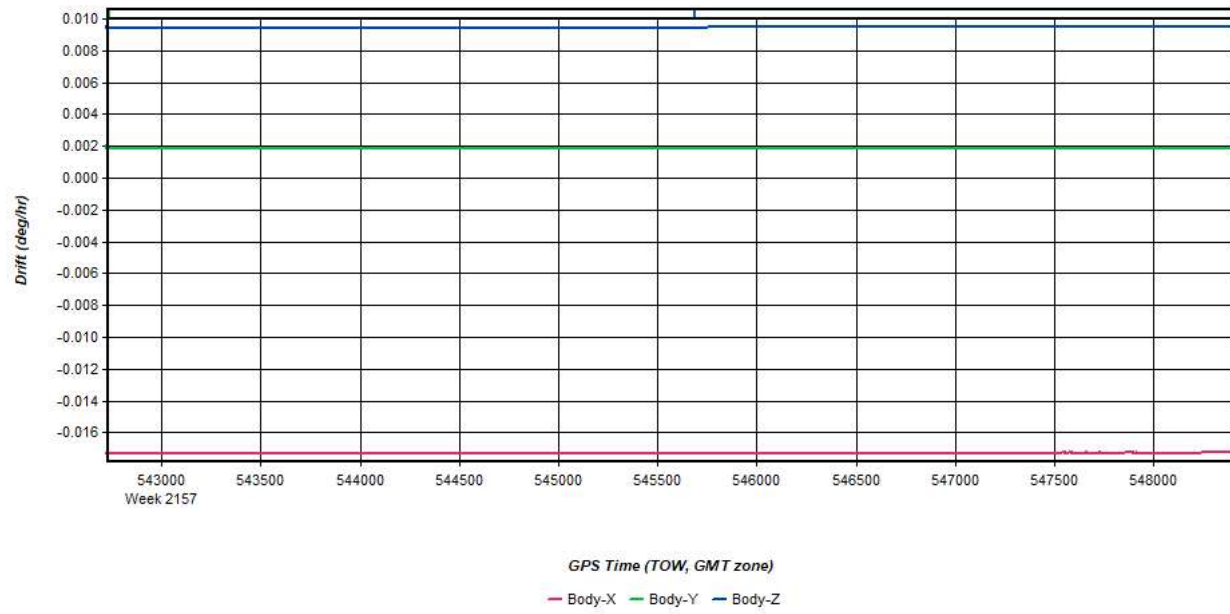
Process	20210515_064407_33b	by Unknown	on 5/19/2021	at 16:05:04
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Figure 19: 20210515_064407_33b [Smoothed TC Combined] - Accelerometer Bias Plot



Process	20210515_064407_33b	by Unknown	on 5/19/2021	at 16:05:04
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Figure 20: 20210515_064407_33b [Smoothed TC Combined] - Gyro Drift Plot

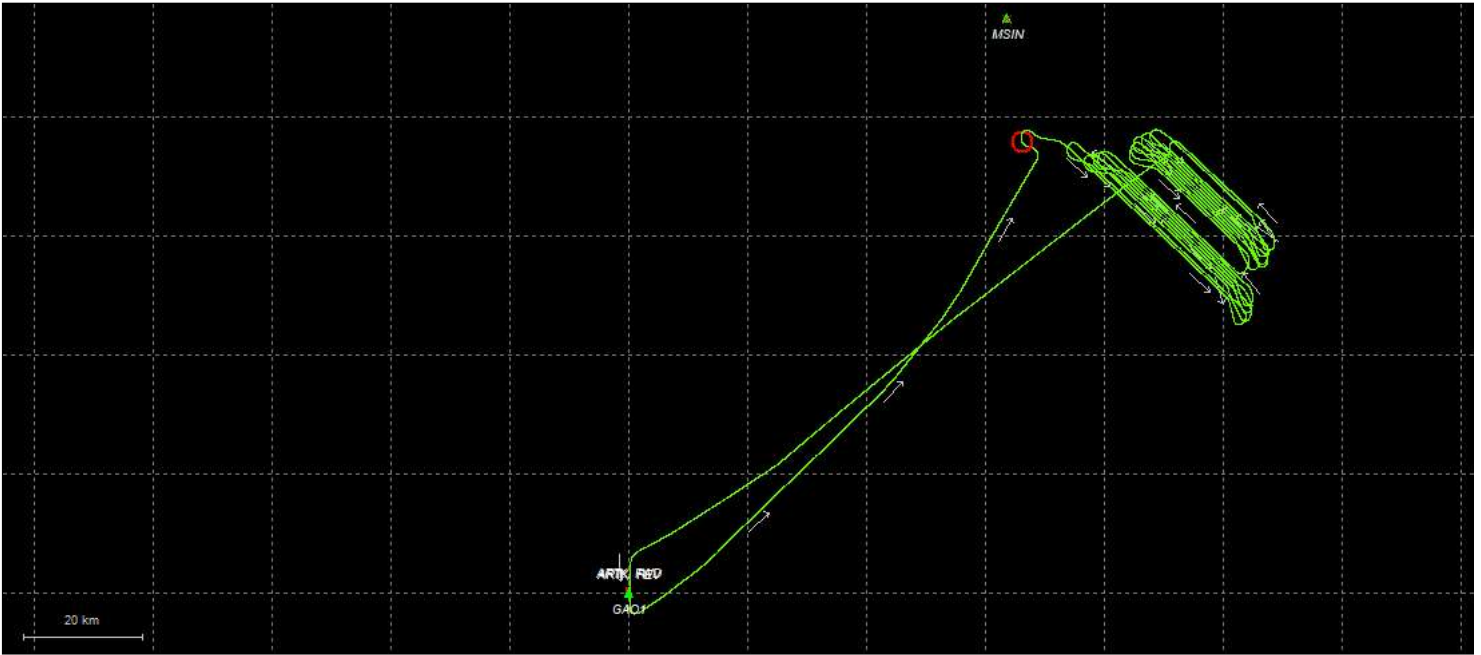


Process	20210515_064407_33b	by Unknown	on 5/19/2021	at 16:05:04
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Output Results for 20210516_052312_34

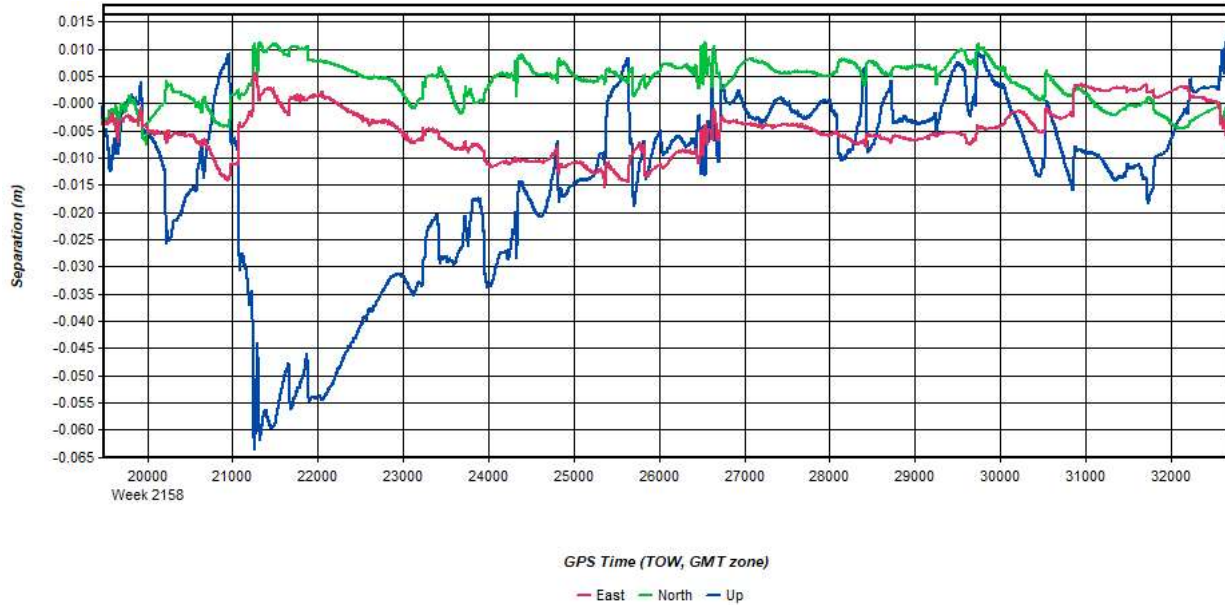
Inertial Explorer Version 8.90.2124
05/18/2021

Figure 1: Smoothed TC Combined - Map



Process	20210516_052312_34	by Unknown	on 5/18/2021	at 14:32:41
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Figure 2: 20210516_052312_34 [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot



Process	20210516_052312_34	by Unknown	on 5/18/2021	at 14:32:41
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Figure 3: 20210516_052312_34 [Smoothed TC Combined] - Float or Fixed Ambiguity

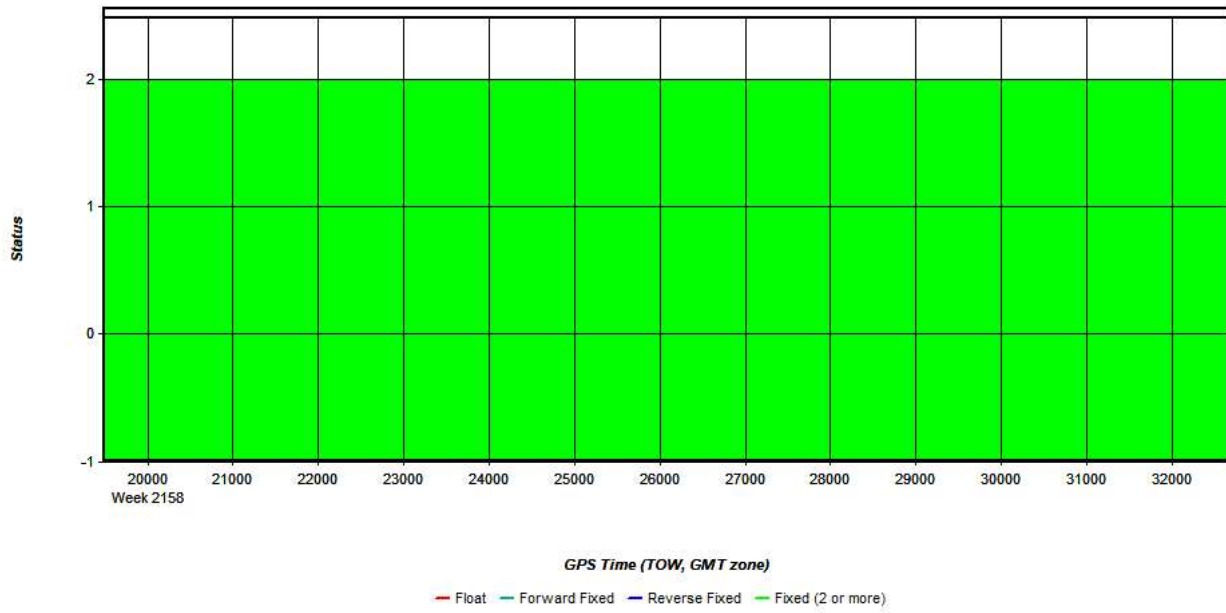


Figure 4: 20210516_052312_34 [Smoothed TC Combined] - Forward/Reverse Separation Plot (Fixed)

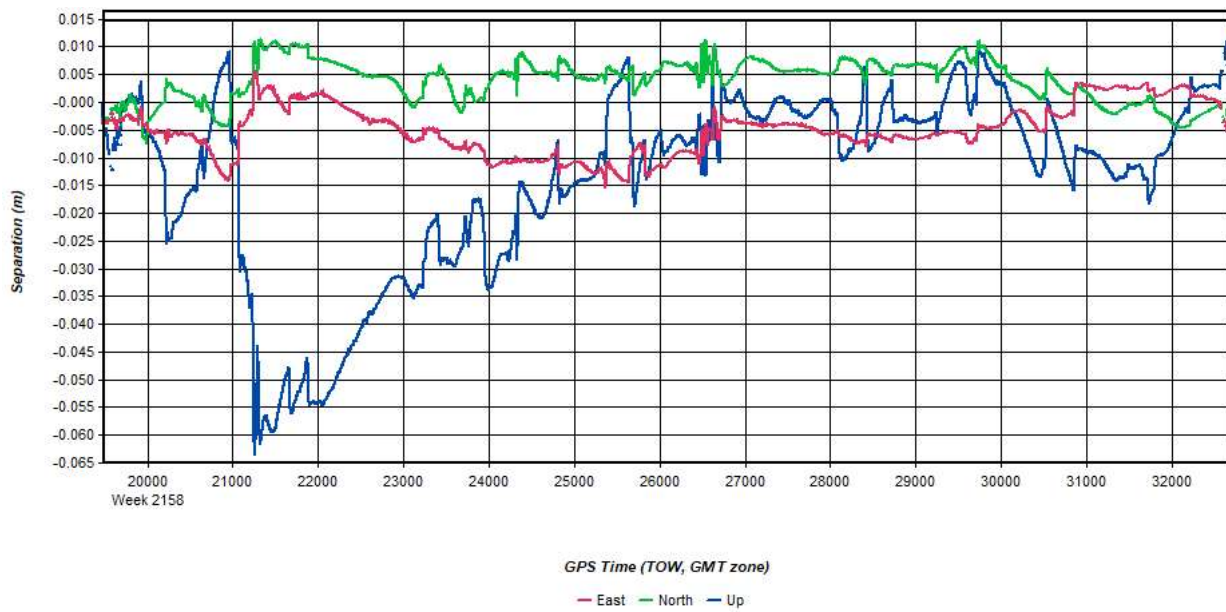
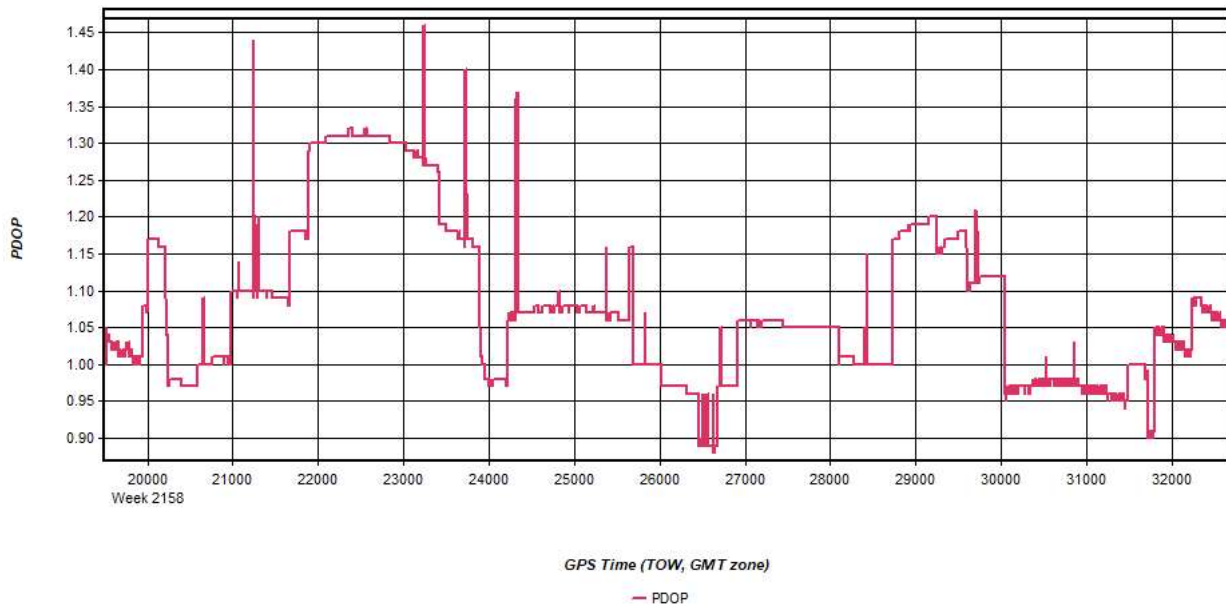


Figure 5: 20210516_052312_34 [Smoothed TC Combined] - Estimated Position Accuracy Plot



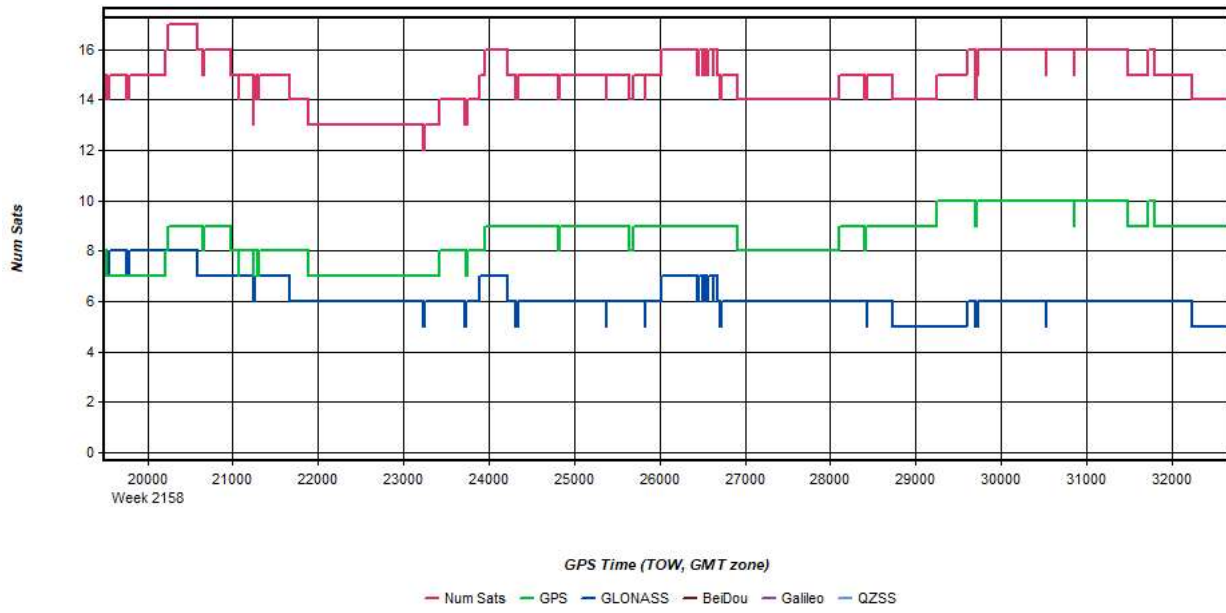
Process	20210516_052312_34	by Unknown	on 5/18/2021	at 14:32:41
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Figure 6: 20210516_052312_34 [Smoothed TC Combined] - PDOP Plot



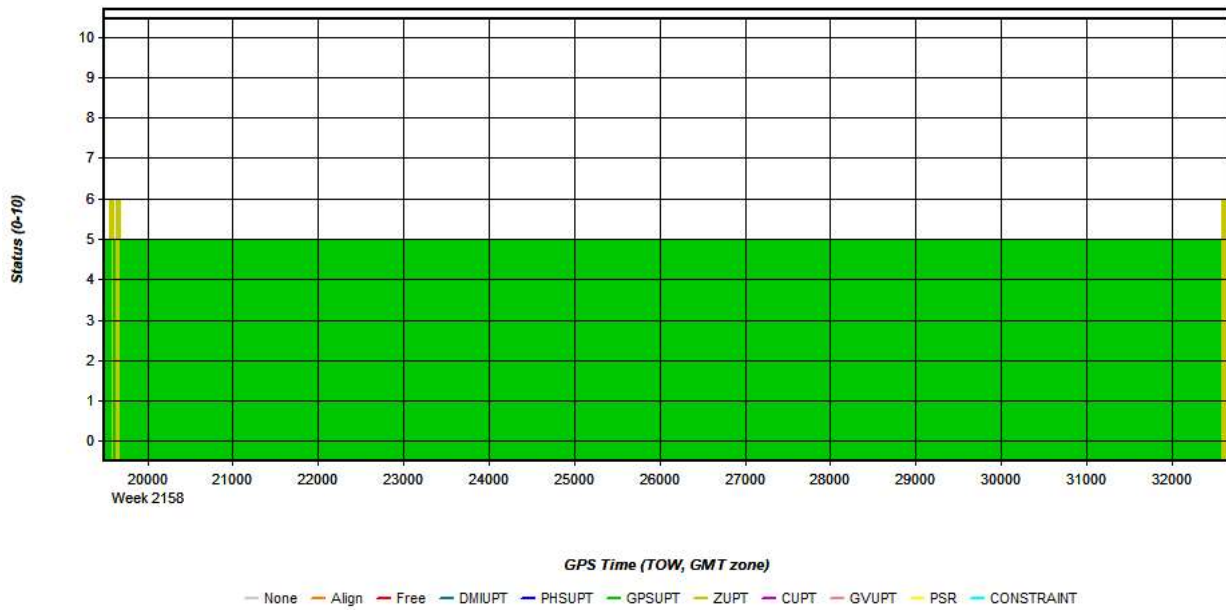
Process	20210516_052312_34	by Unknown	on 5/18/2021	at 14:32:41
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Figure 7: 20210516_052312_34 [Smoothed TC Combined] - Number of Satellites Line Plot



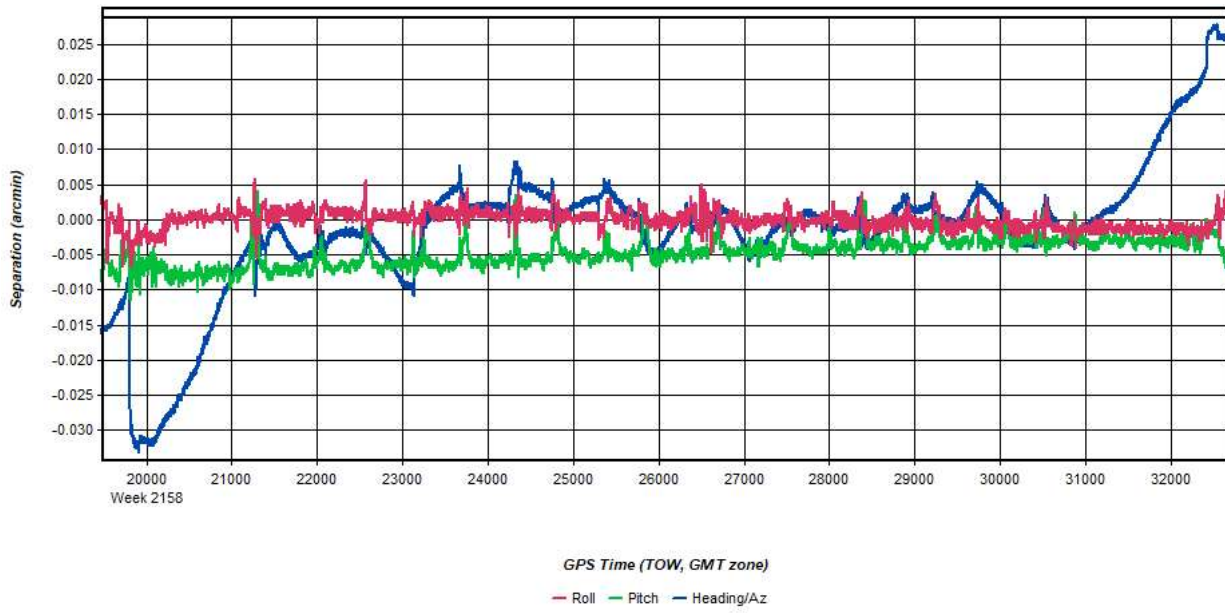
Process	20210516_052312_34	by Unknown	on 5/18/2021	at 14:32:41
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Figure 8: 20210516_052312_34 [Smoothed TC Combined] - Status flag for IMU processing



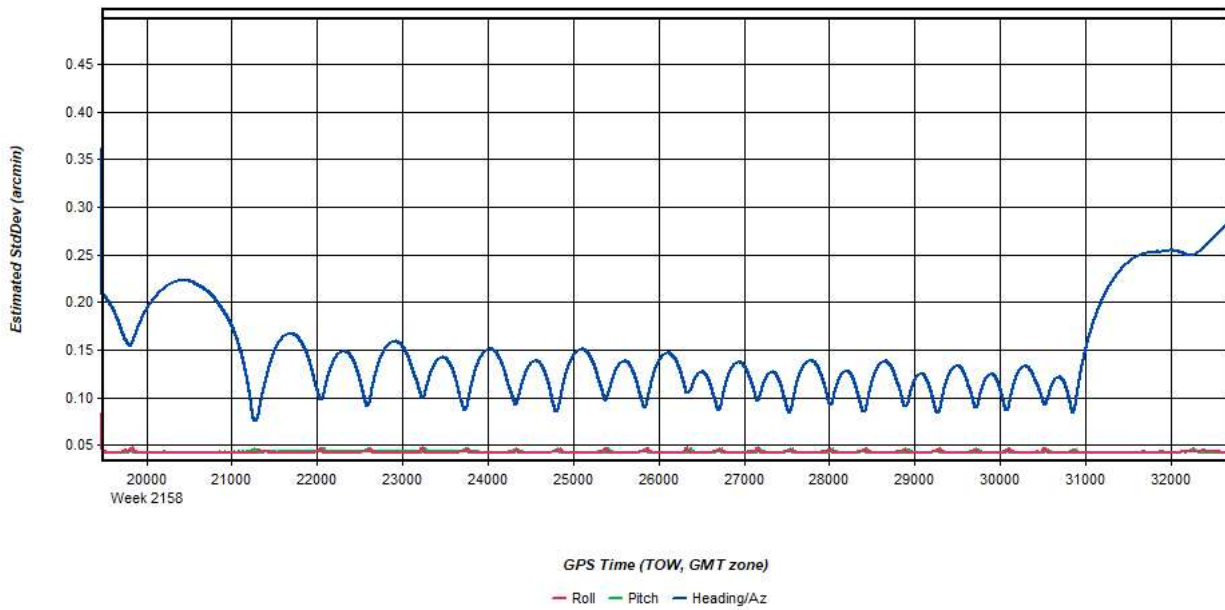
Process	20210516_052312_34	by Unknown	on 5/18/2021	at 14:32:41
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Figure 9: 20210516_052312_34 [Smoothed TC Combined] - Fwd/Rev Attitude Separation Plot



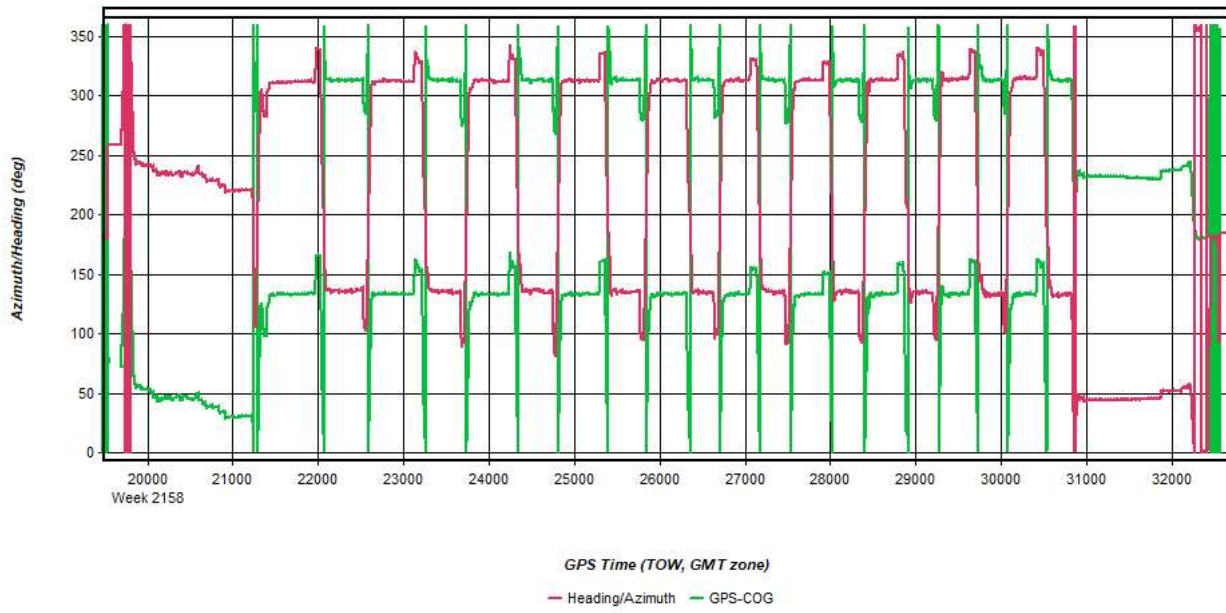
Process	20210516_052312_34	by Unknown	on 5/18/2021	at 14:32:41
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Figure 10: 20210516_052312_34 [Smoothed TC Combined] - Estimated Attitude Accuracy Plot



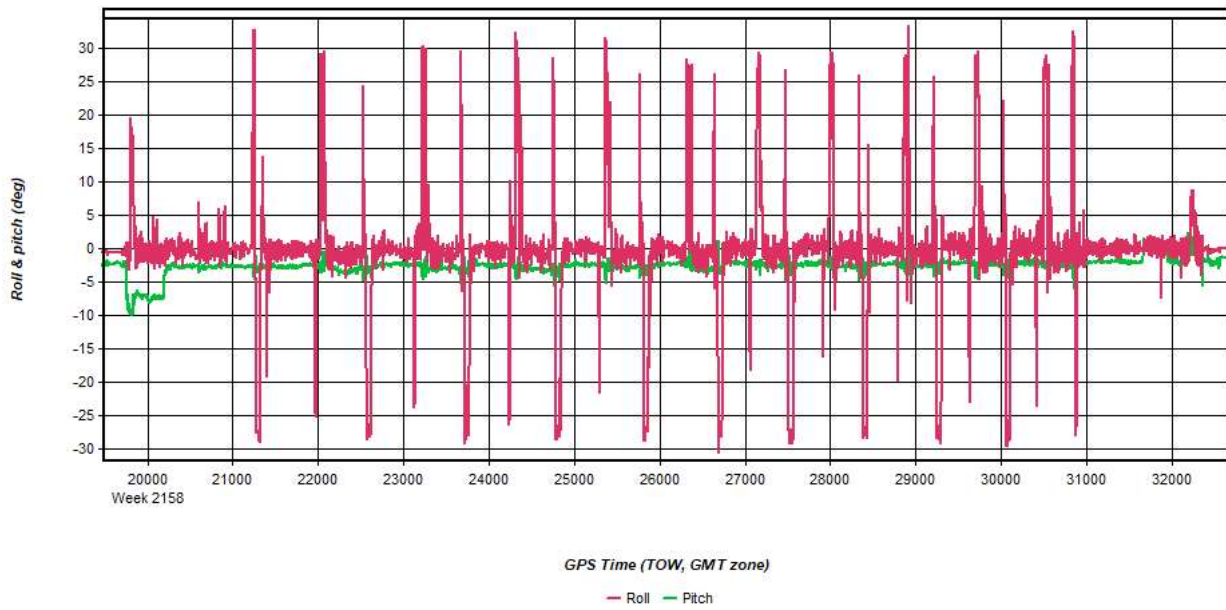
Process	20210516_052312_34	by Unknown	on 5/18/2021	at 14:32:41
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Figure 11: 20210516_052312_34 [Smoothed TC Combined] - Azimuth Plot



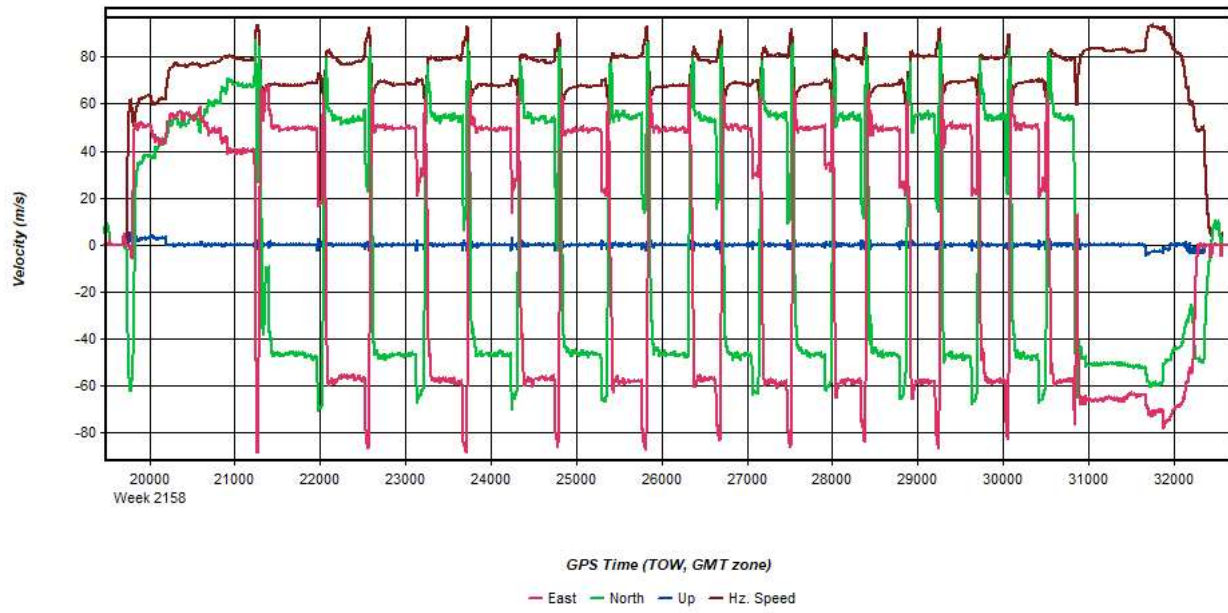
Process	20210516_052312_34	by Unknown	on 5/18/2021	at 14:32:41
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Figure 12: 20210516_052312_34 [Smoothed TC Combined] - Roll & Pitch Plot



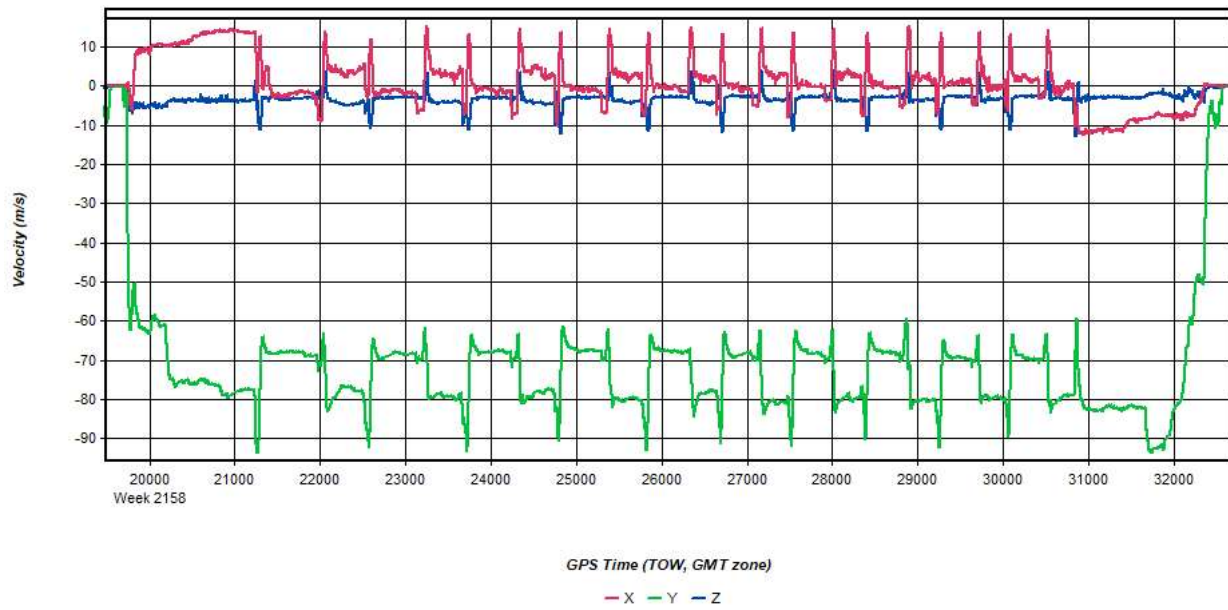
Process	20210516_052312_34	by Unknown	on 5/18/2021	at 14:32:41
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Figure 13: 20210516_052312_34 [Smoothed TC Combined] - Velocity Profile Plot



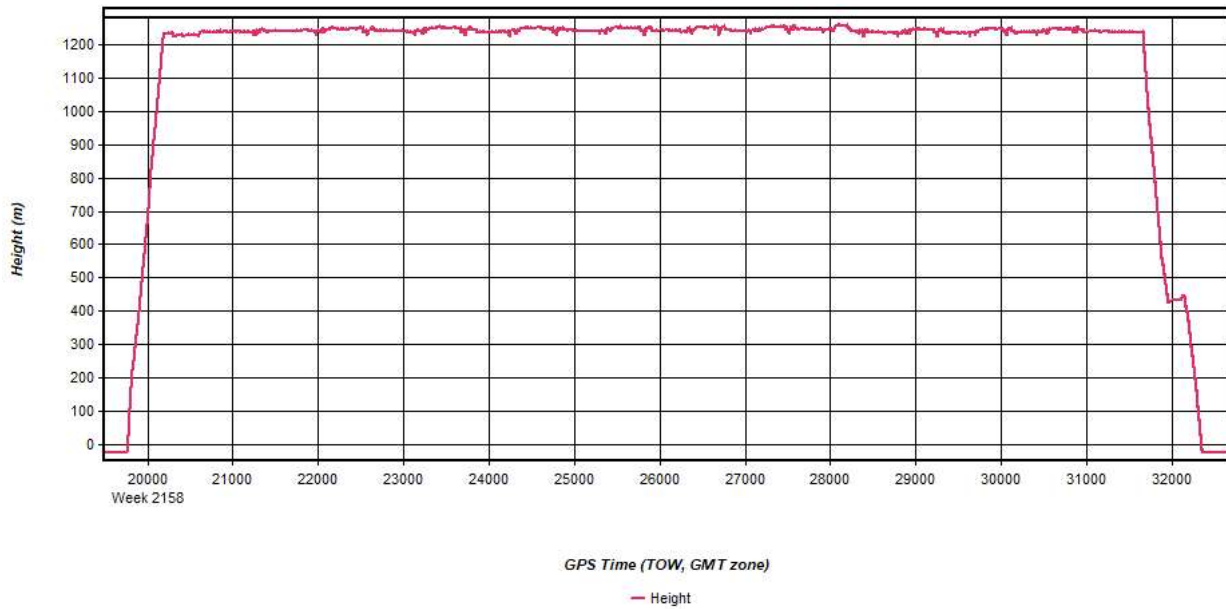
Process	20210516_052312_34	by Unknown	on 5/18/2021	at 14:32:41
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Figure 14: 20210516_052312_34 [Smoothed TC Combined] - Body Frame Velocity Plot



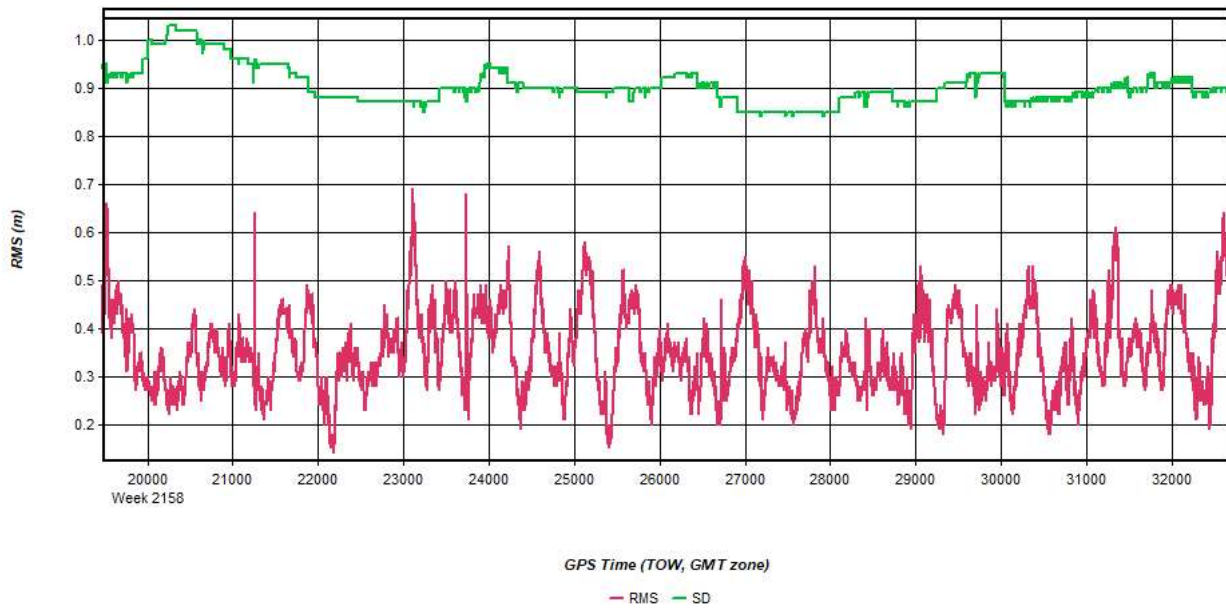
Process	20210516_052312_34	by Unknown	on 5/18/2021	at 14:32:41
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Figure 15: 20210516_052312_34 [Smoothed TC Combined] - Height Profile Plot



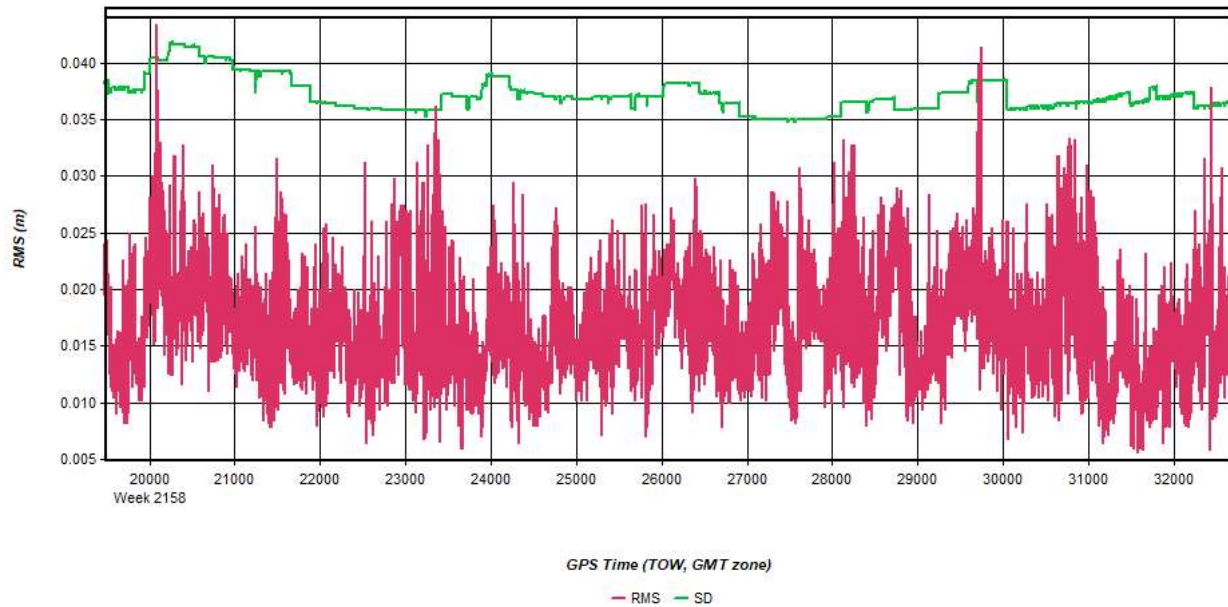
Process	20210516_052312_34	by Unknown	on 5/18/2021	at 14:32:41
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Figure 16: 20210516_052312_34 [Smoothed TC Combined] - C/A Code Residual RMS Plot



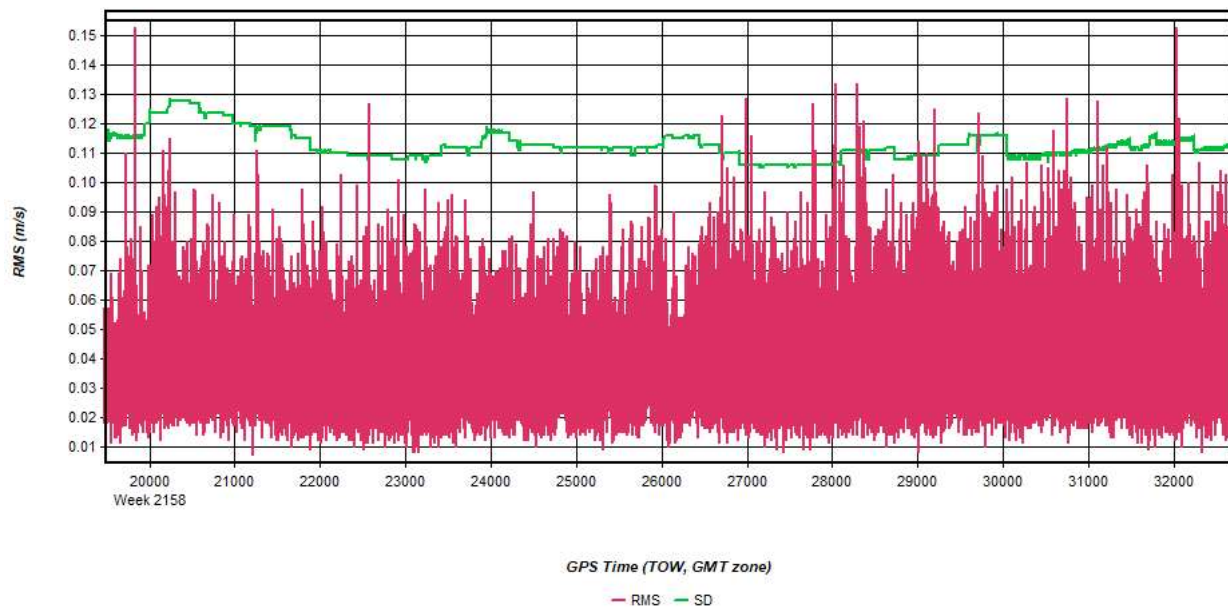
Process	20210516_052312_34	by Unknown	on 5/18/2021	at 14:32:41
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Figure 17: 20210516_052312_34 [Smoothed TC Combined] - Carrier Residual RMS Plot



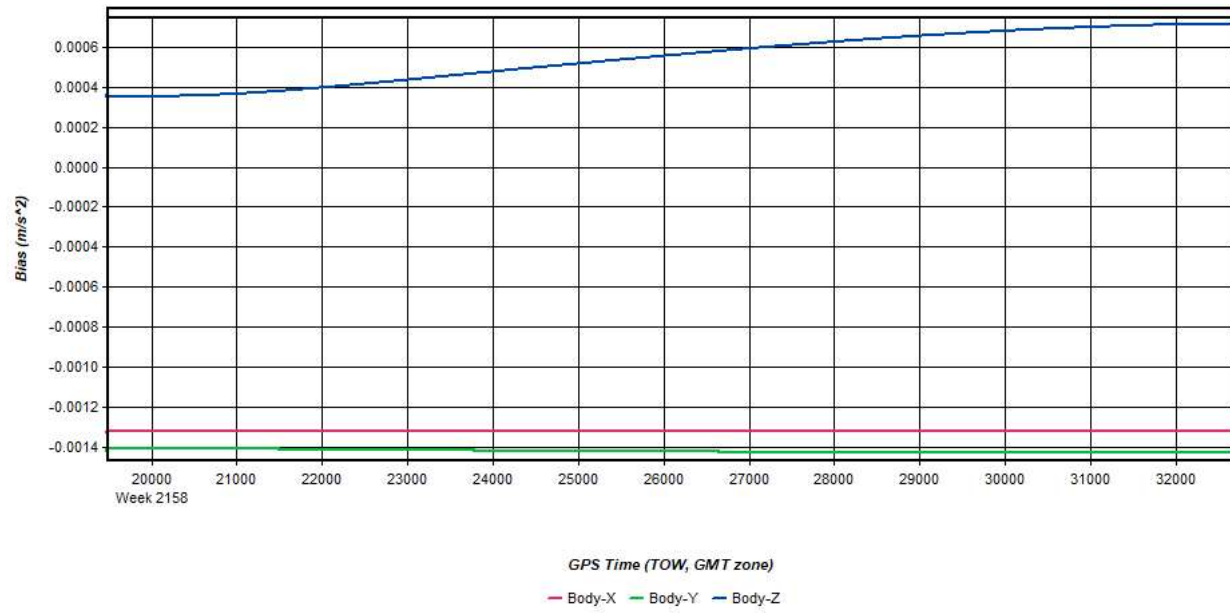
Process	20210516_052312_34	by Unknown	on 5/18/2021	at 14:32:41
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Figure 18: 20210516_052312_34 [Smoothed TC Combined] - L1 Doppler Residual RMS Plot



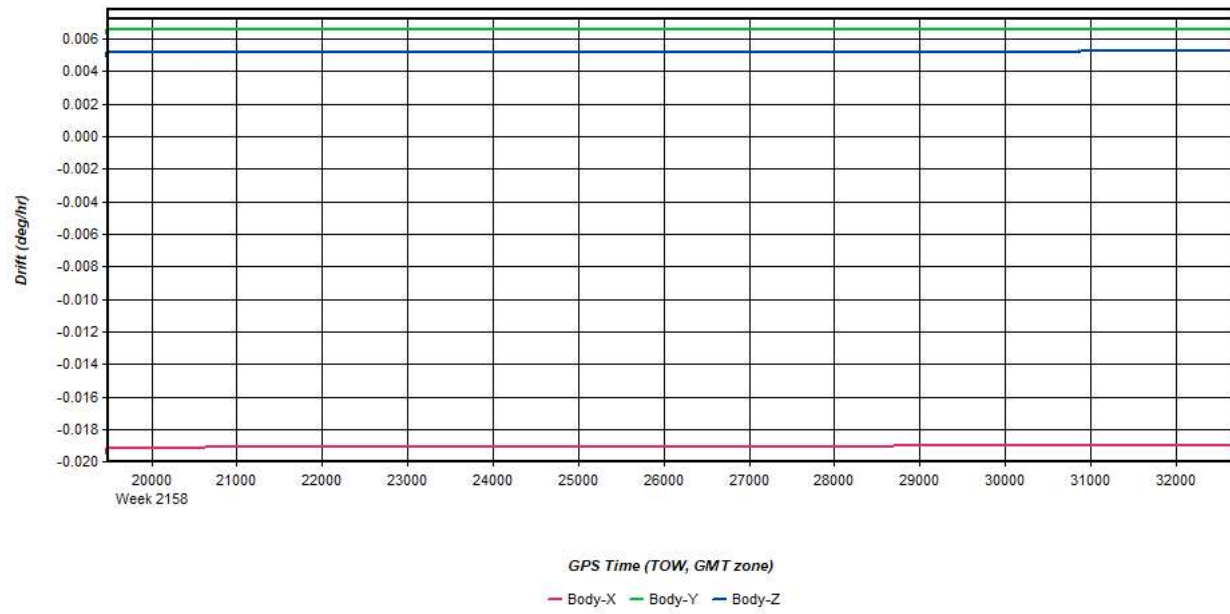
Process	20210516_052312_34	by Unknown	on 5/18/2021	at 14:32:41
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Figure 19: 20210516_052312_34 [Smoothed TC Combined] - Accelerometer Bias Plot



Process	20210516_052312_34	by Unknown	on 5/18/2021	at 14:32:41
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Figure 20: 20210516_052312_34 [Smoothed TC Combined] - Gyro Drift Plot

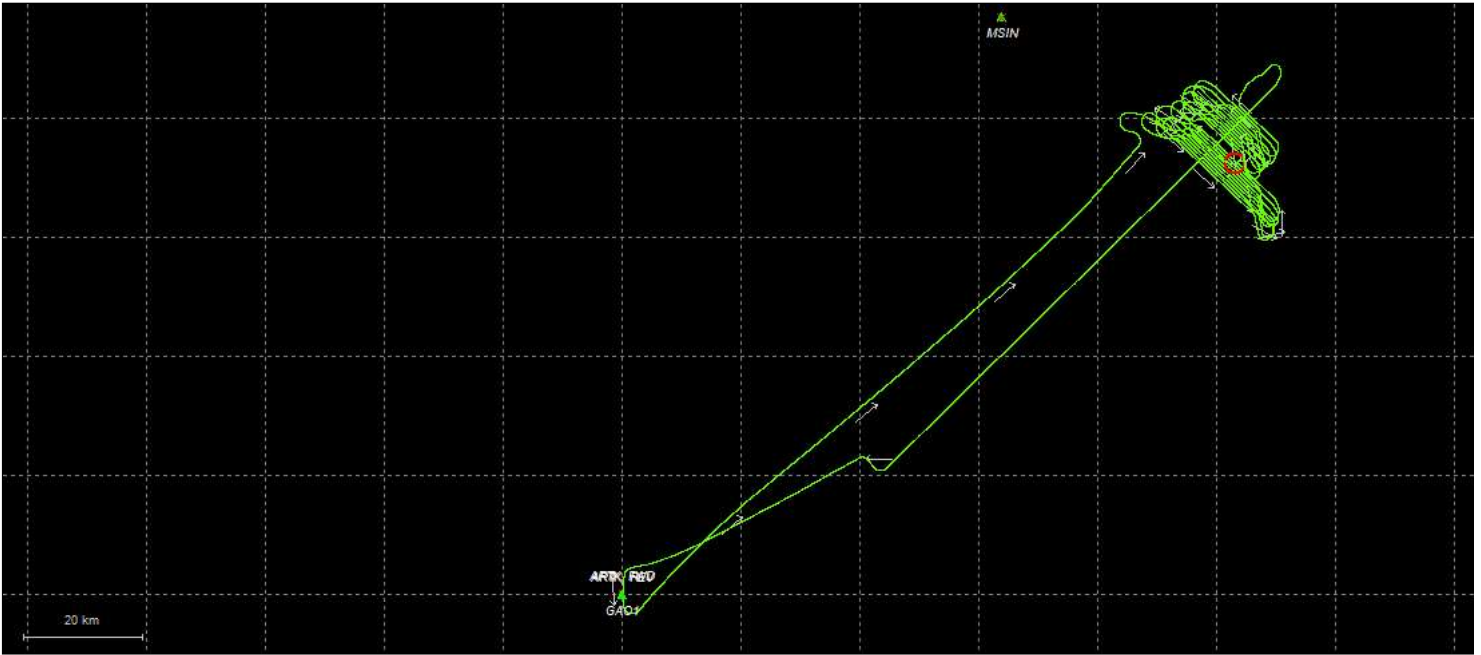


Process	20210516_052312_34	by Unknown	on 5/18/2021	at 14:32:41
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Output Results for 20210516_093014_35

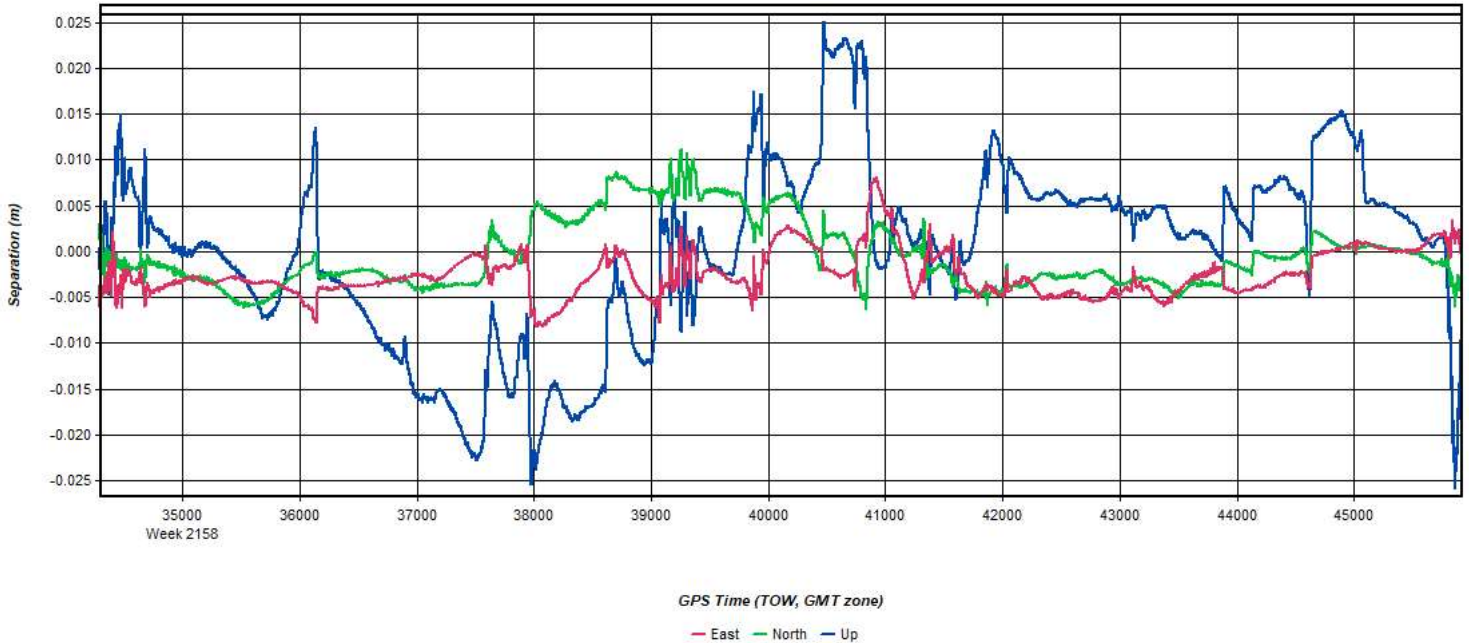
Inertial Explorer Version 8.90.2124
05/18/2021

Figure 1: Smoothed TC Combined - Map



Process	20210516_093014_35	by Unknown	on 5/18/2021	at 13:38:39
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Figure 2: 20210516_093014_35 [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot



Process	20210516_093014_35	by Unknown	on 5/18/2021	at 13:38:39
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Figure 3: 20210516_093014_35 [Smoothed TC Combined] - Float or Fixed Ambiguity

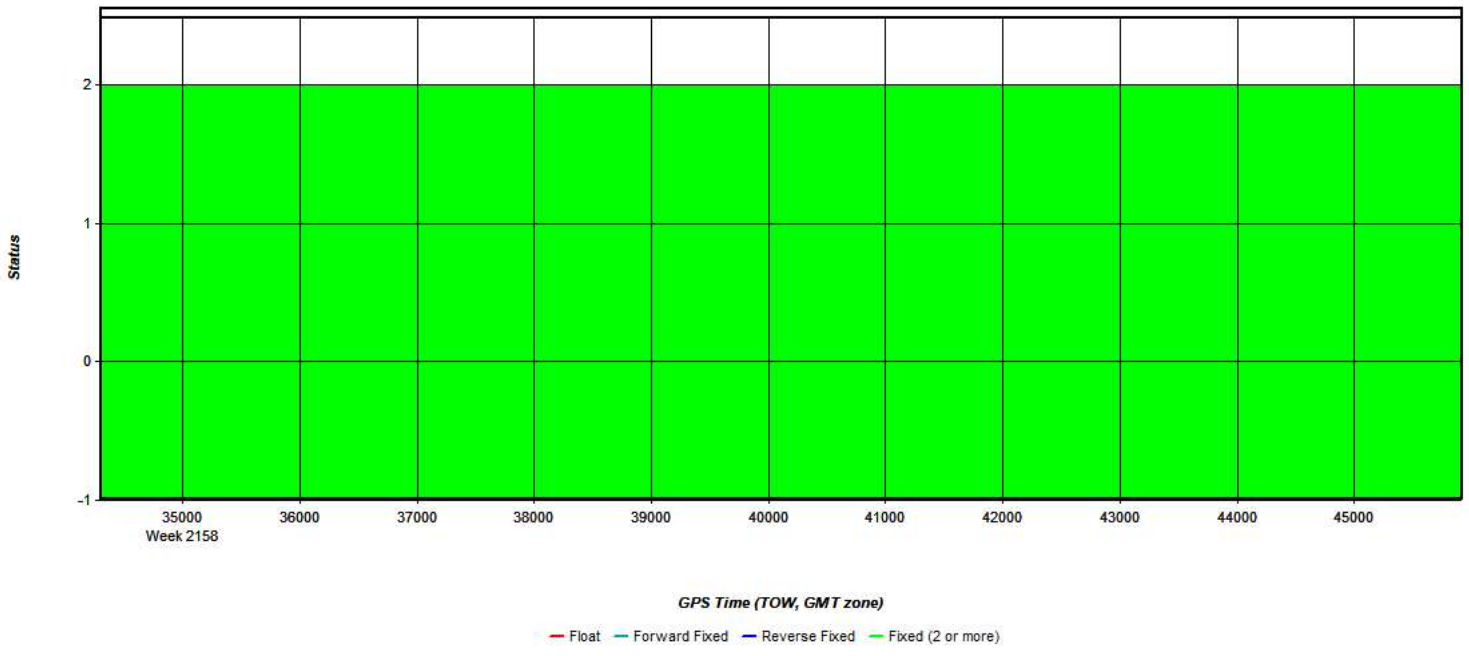


Figure 4: 20210516_093014_35 [Smoothed TC Combined] - Forward/Reverse Separation Plot (Fixed)

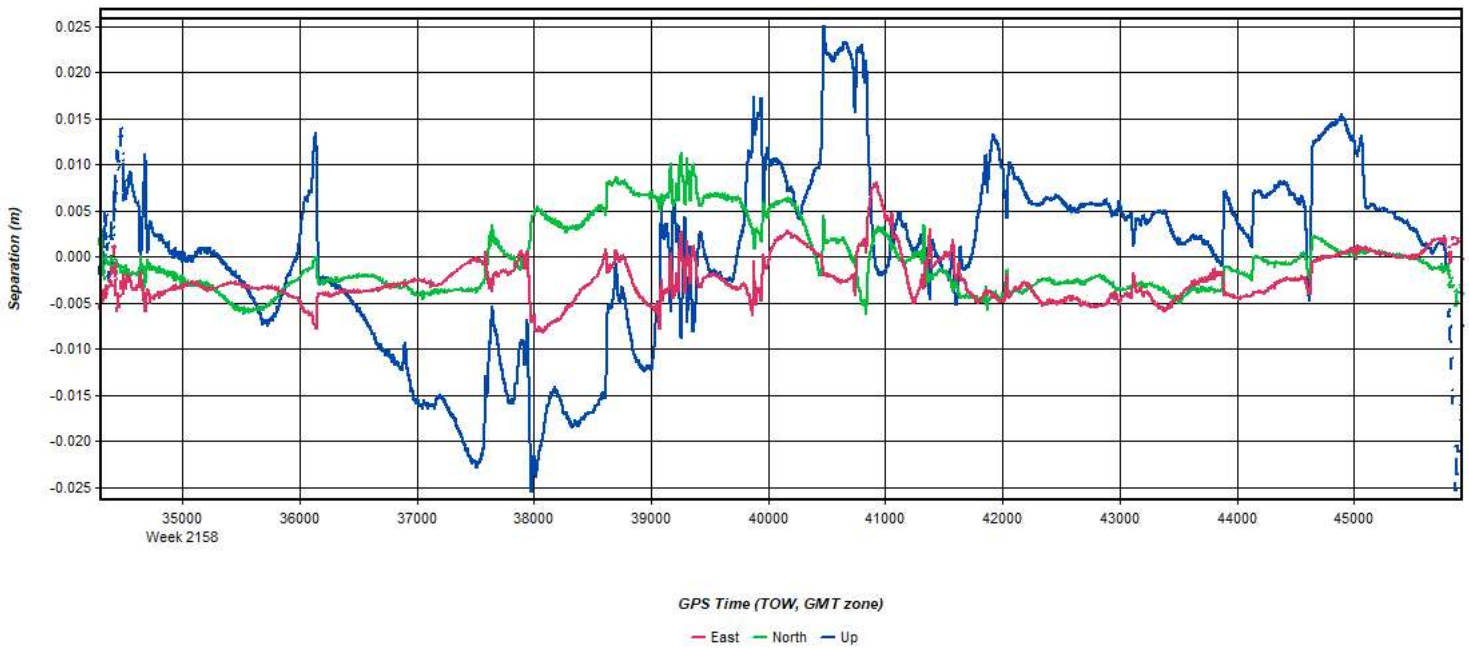


Figure 5: 20210516_093014_35 [Smoothed TC Combined] - Estimated Position Accuracy Plot

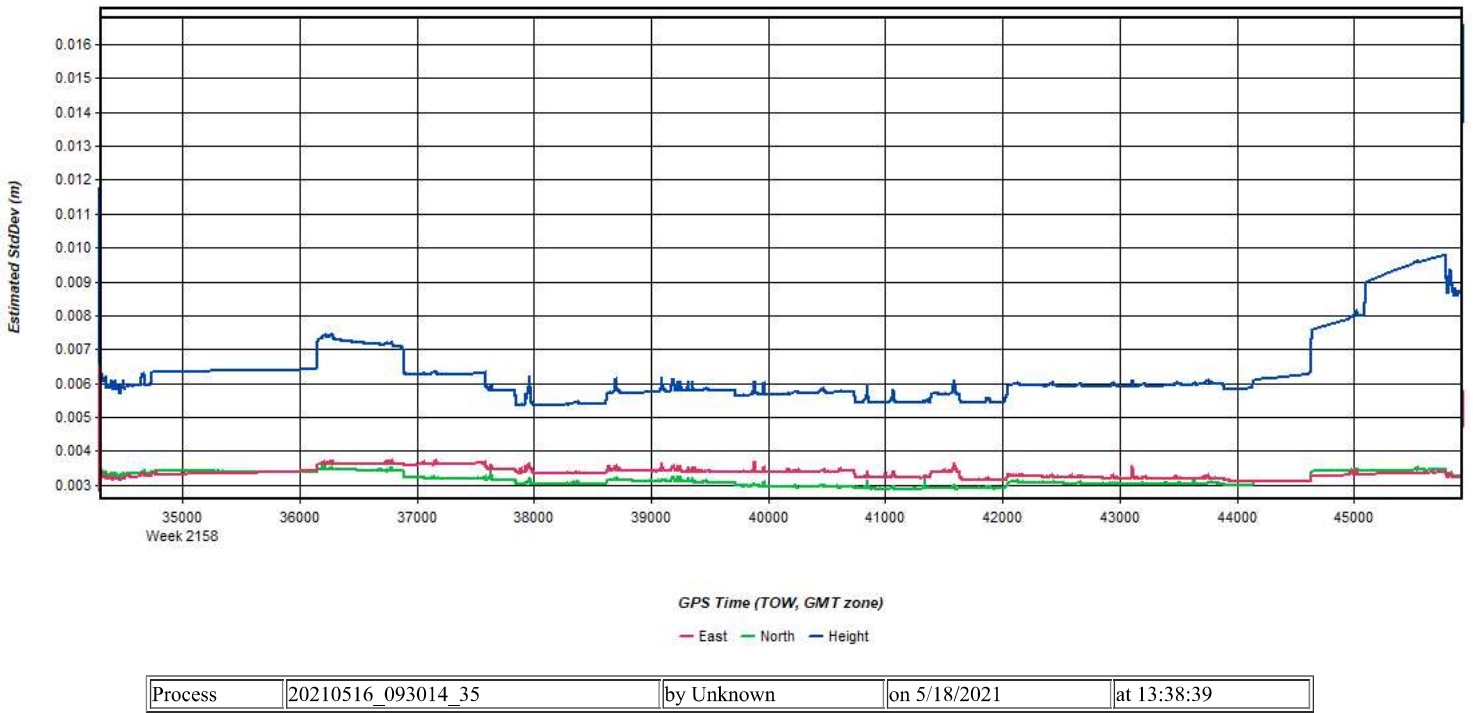


Figure 6: 20210516_093014_35 [Smoothed TC Combined] - PDOP Plot

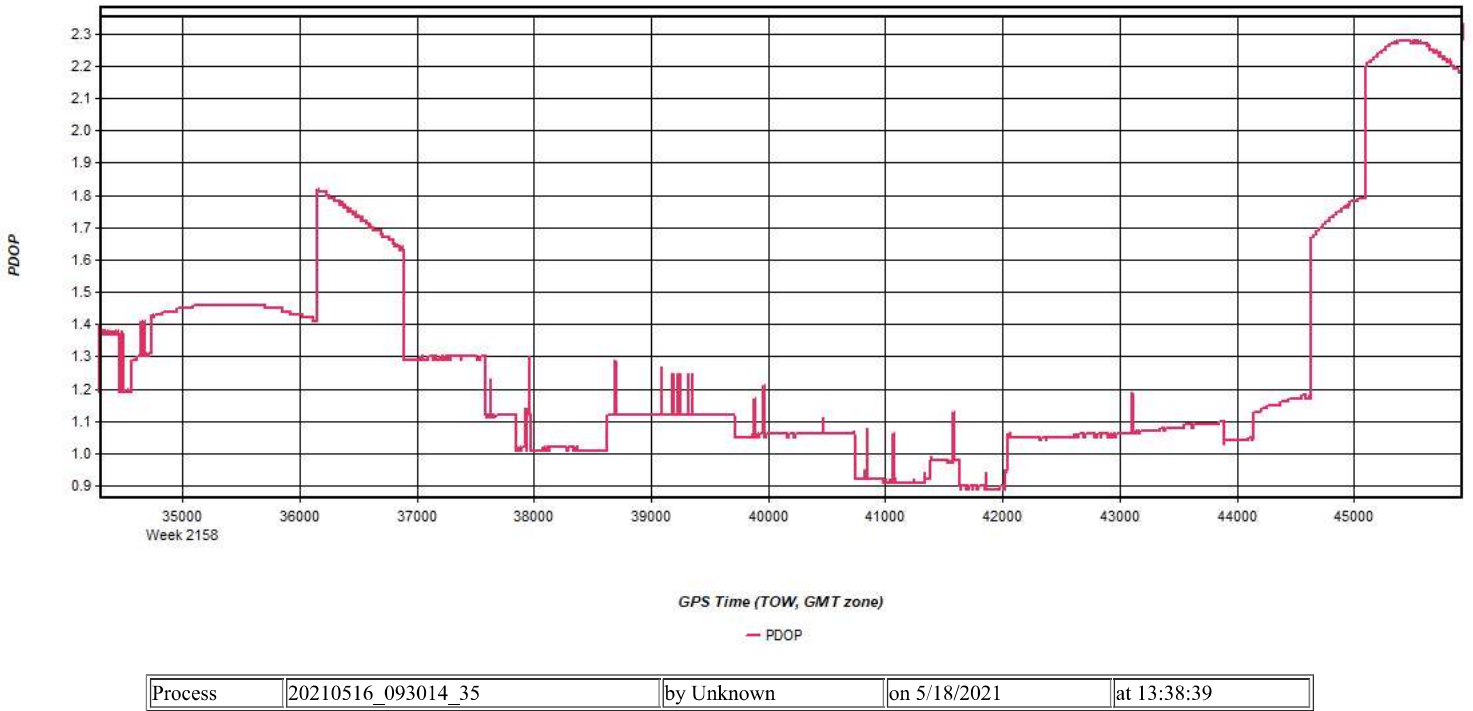


Figure 7: 20210516_093014_35 [Smoothed TC Combined] - Number of Satellites Line Plot

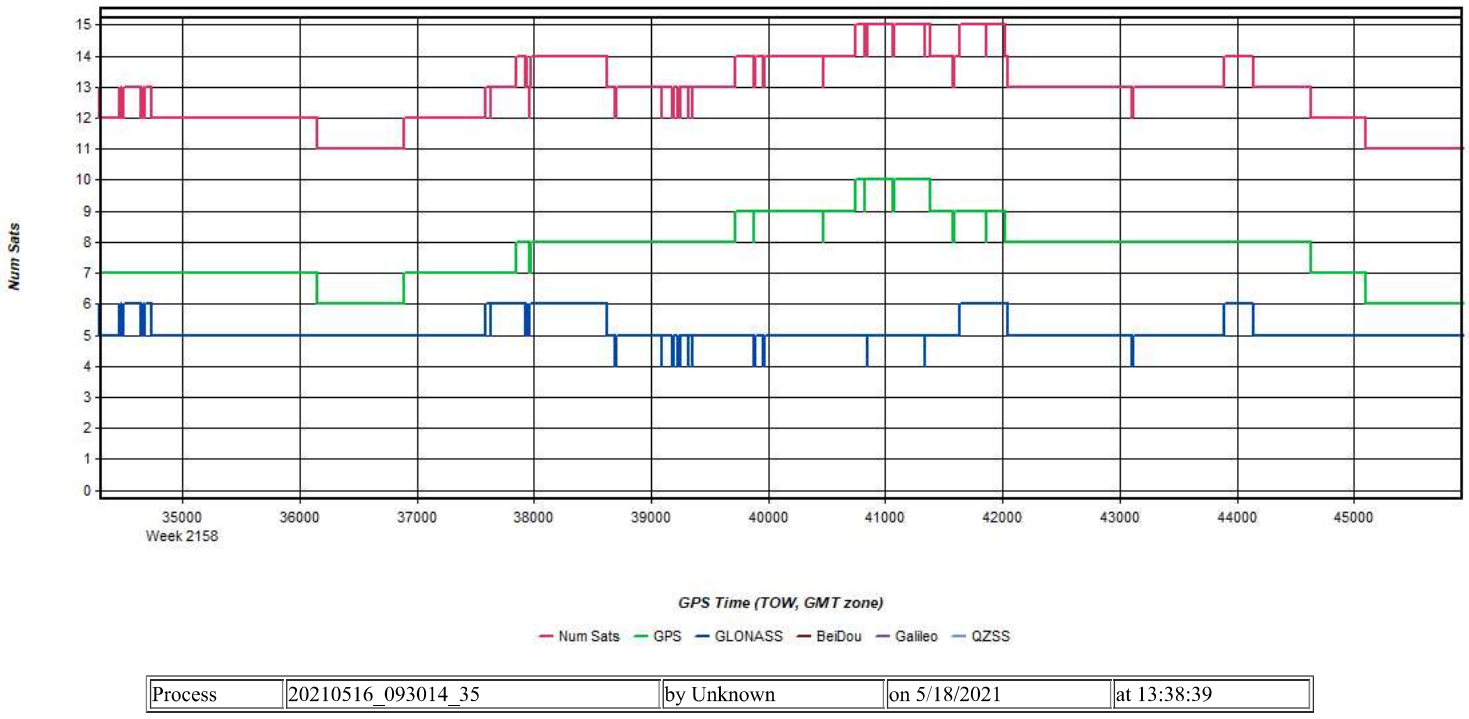


Figure 8: 20210516_093014_35 [Smoothed TC Combined] - Status flag for IMU processing

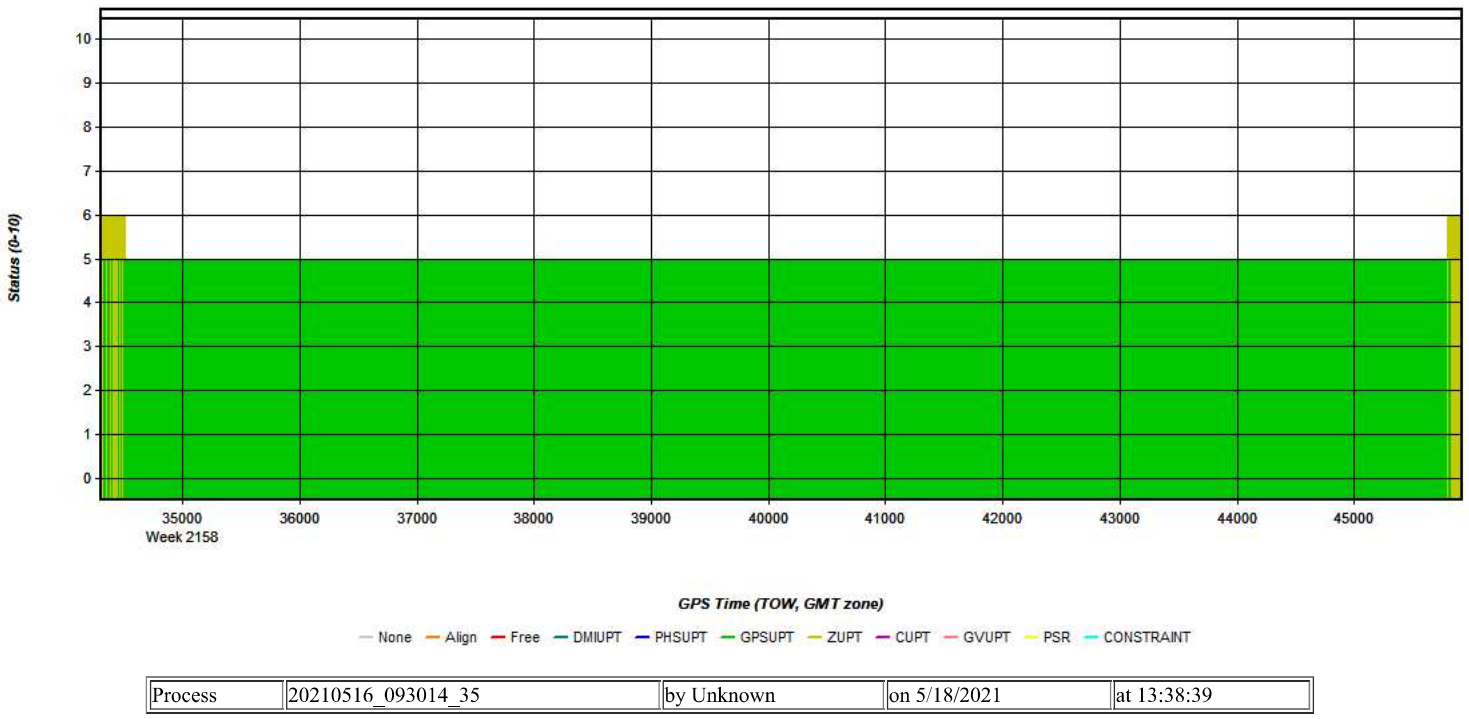
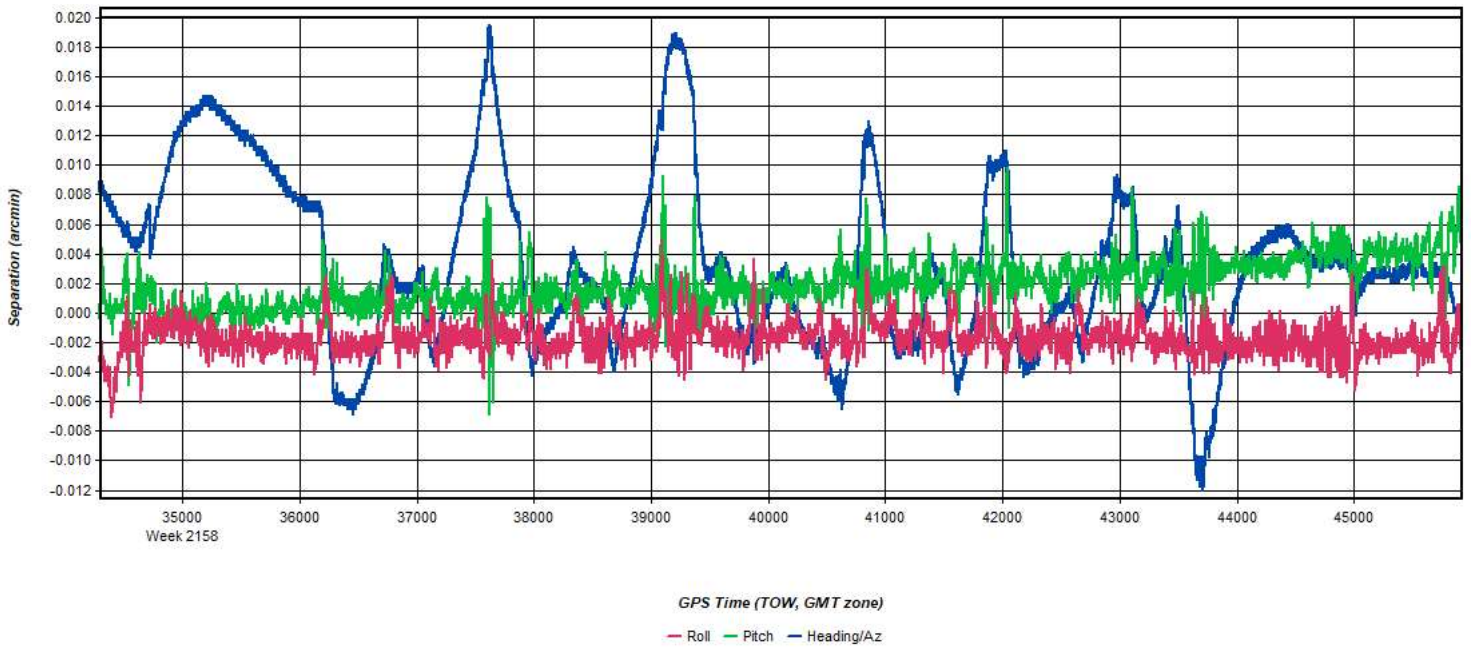
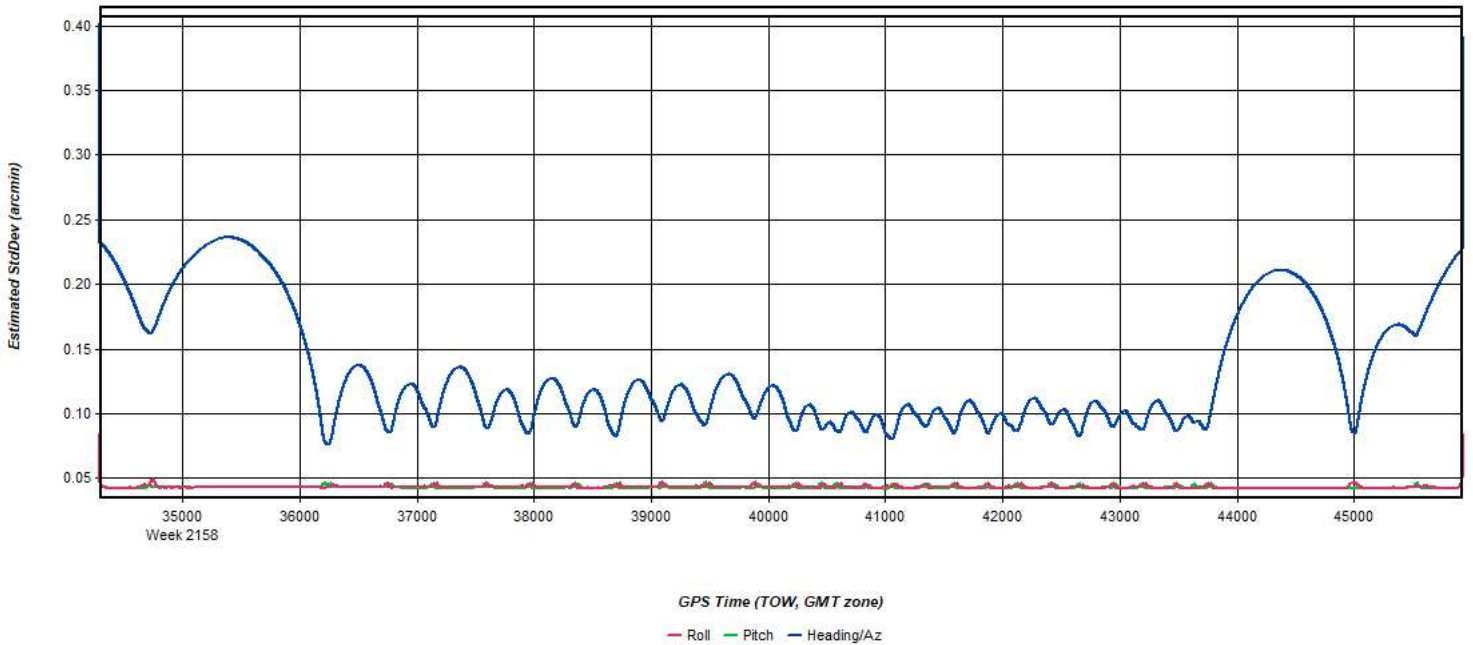


Figure 9: 20210516_093014_35 [Smoothed TC Combined] - Fwd/Rev Attitude Separation Plot



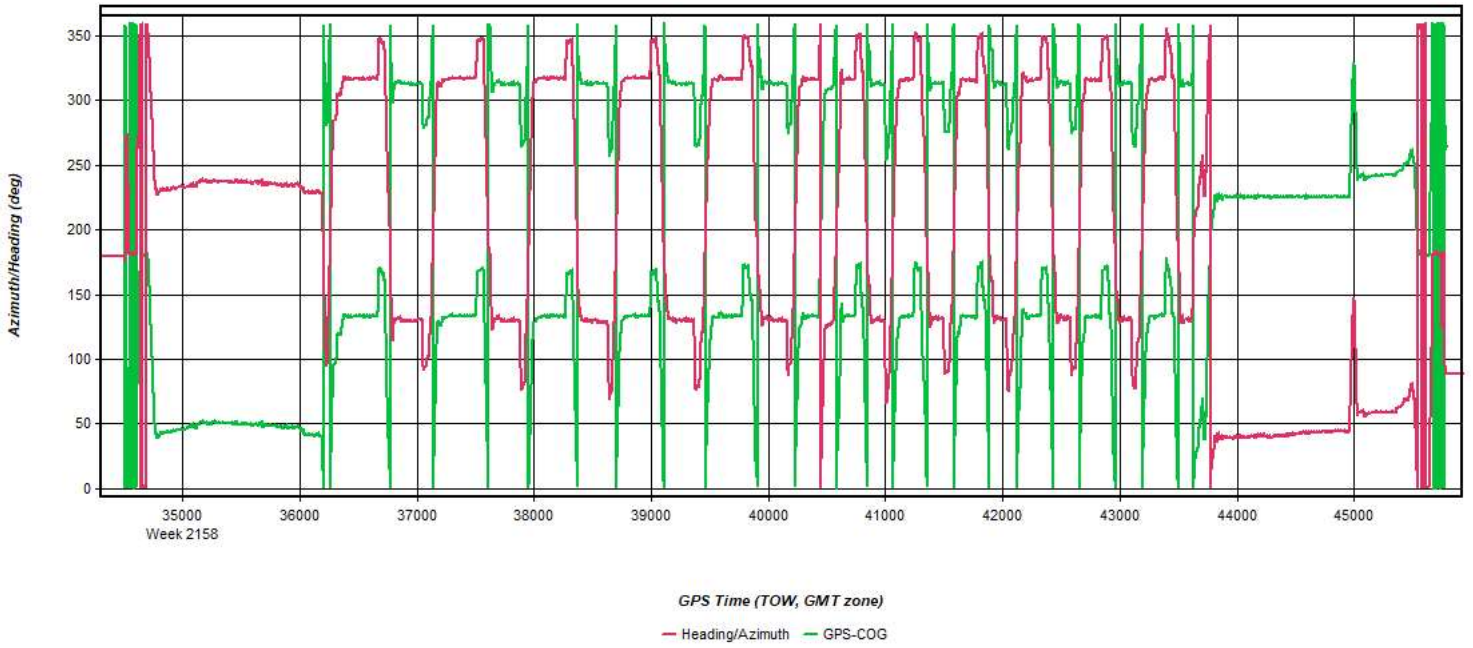
Process	20210516_093014_35	by Unknown	on 5/18/2021	at 13:38:39
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Figure 10: 20210516_093014_35 [Smoothed TC Combined] - Estimated Attitude Accuracy Plot



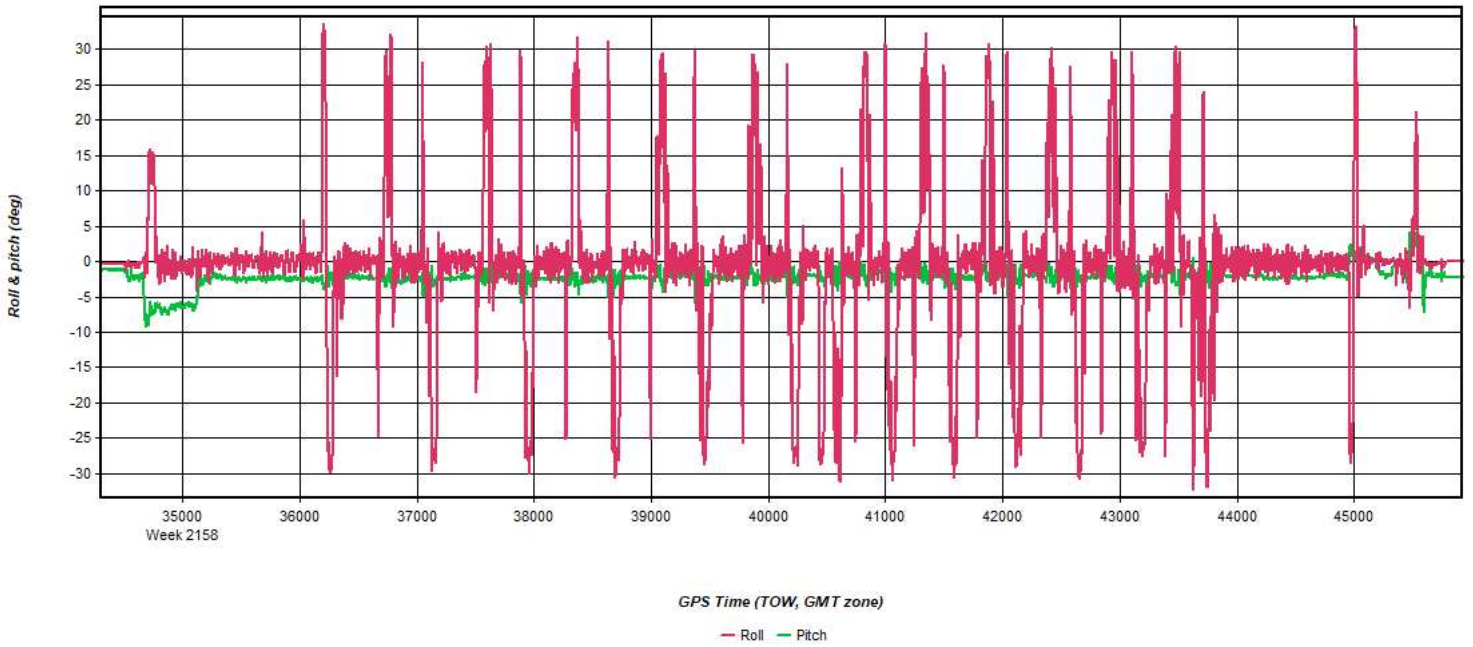
Process	20210516_093014_35	by Unknown	on 5/18/2021	at 13:38:39
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Figure 11: 20210516_093014_35 [Smoothed TC Combined] - Azimuth Plot



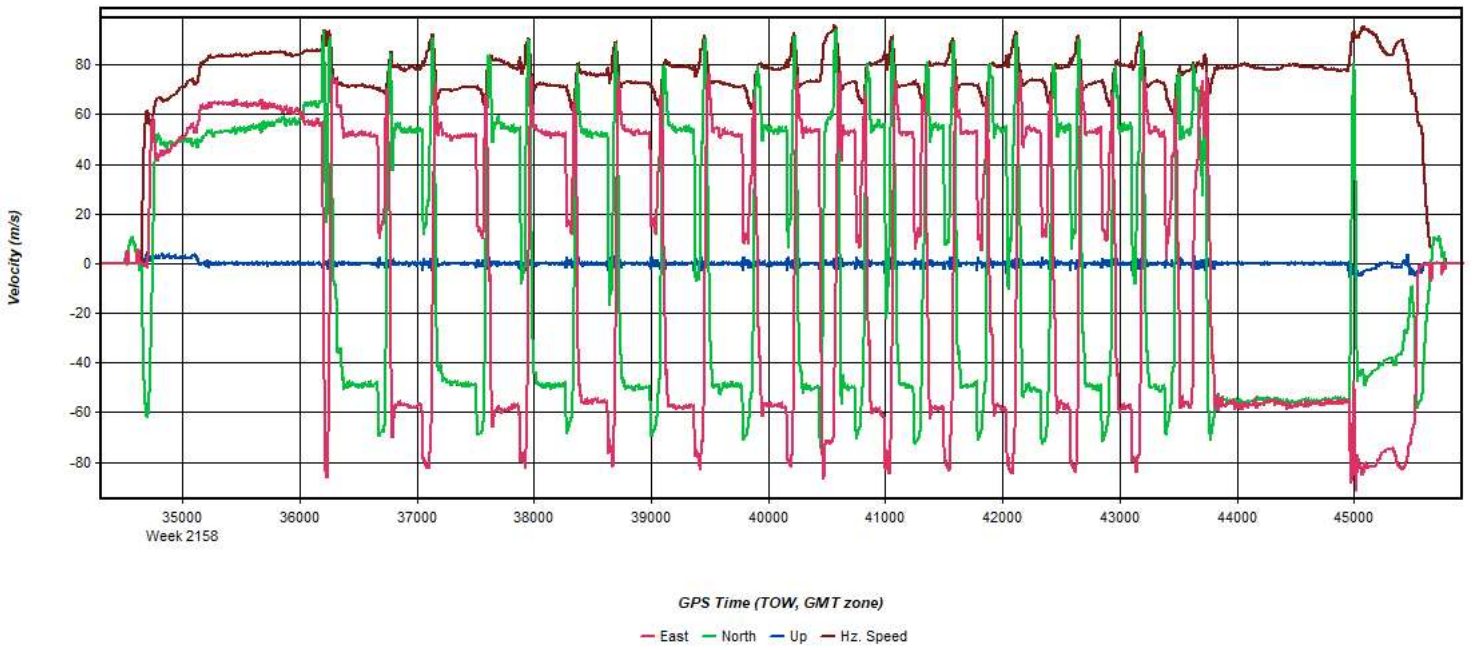
Process	20210516_093014_35	by Unknown	on 5/18/2021	at 13:38:39
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Figure 12: 20210516_093014_35 [Smoothed TC Combined] - Roll & Pitch Plot



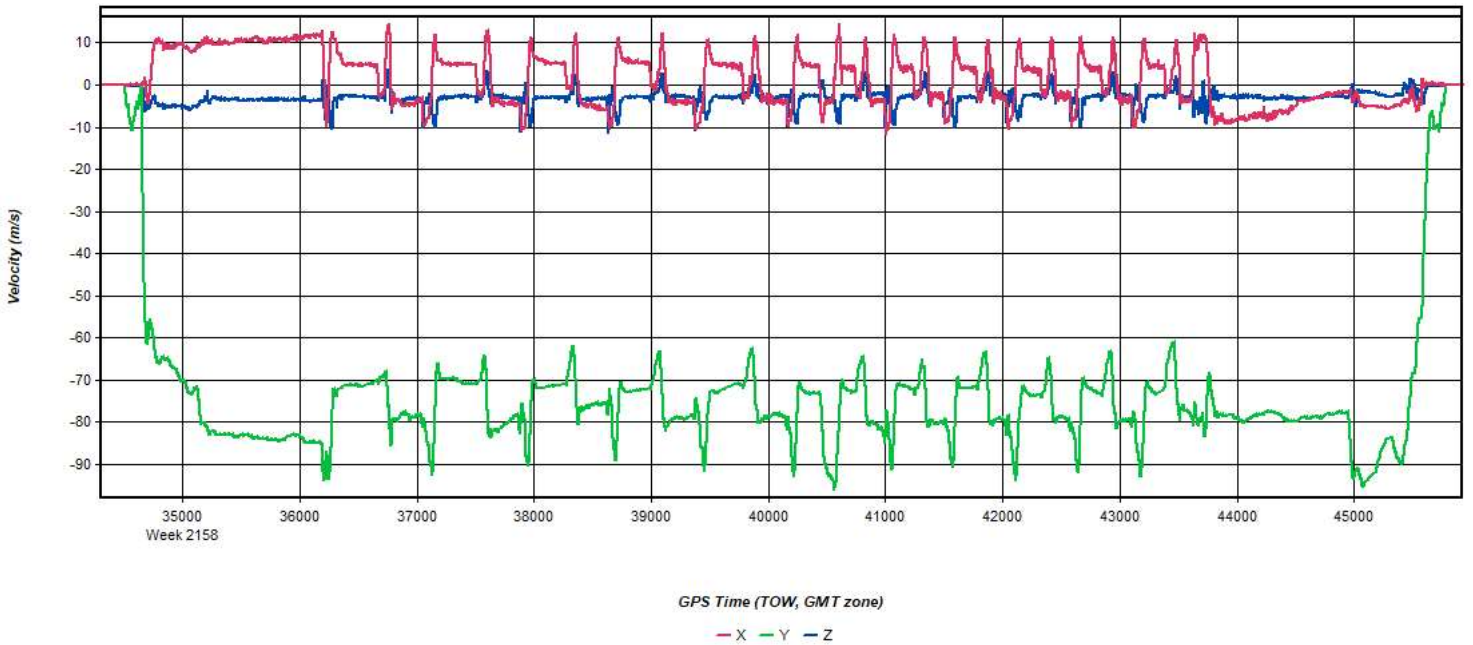
Process	20210516_093014_35	by Unknown	on 5/18/2021	at 13:38:39
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Figure 13: 20210516_093014_35 [Smoothed TC Combined] - Velocity Profile Plot



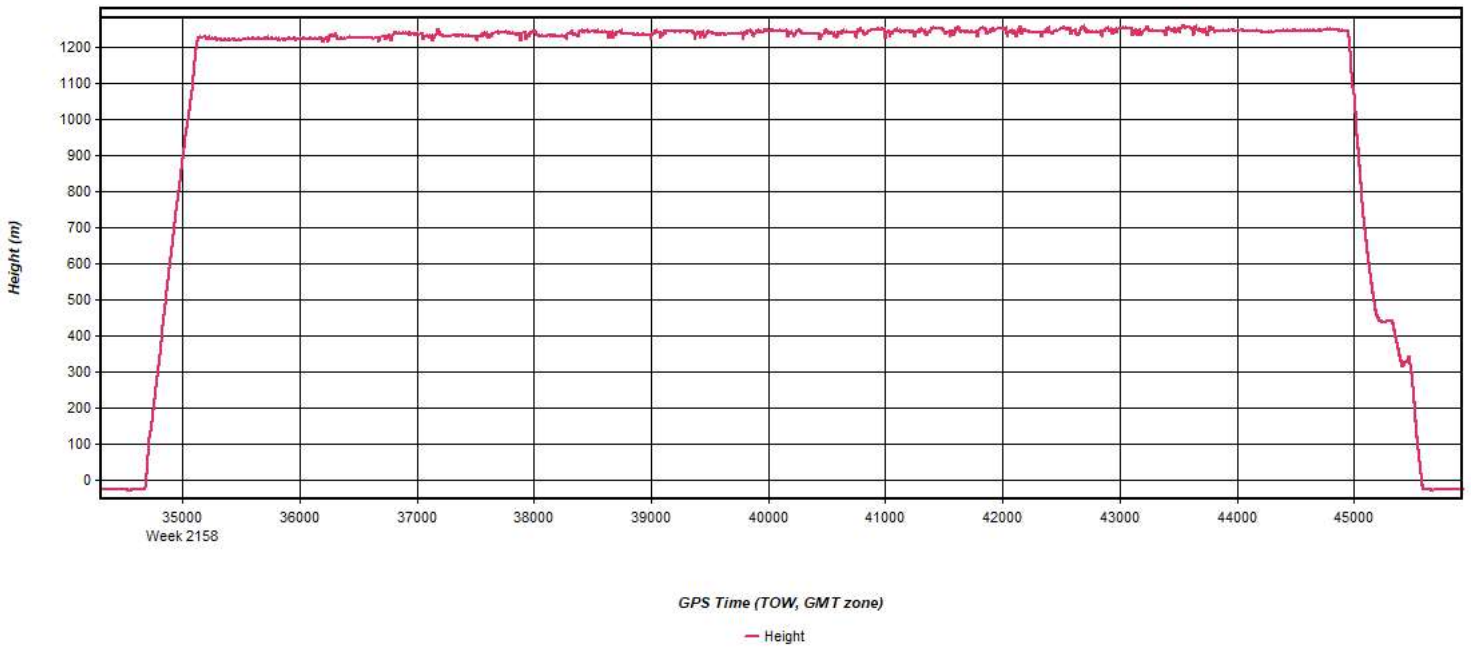
Process	20210516_093014_35	by Unknown	on 5/18/2021	at 13:38:39
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Figure 14: 20210516_093014_35 [Smoothed TC Combined] - Body Frame Velocity Plot



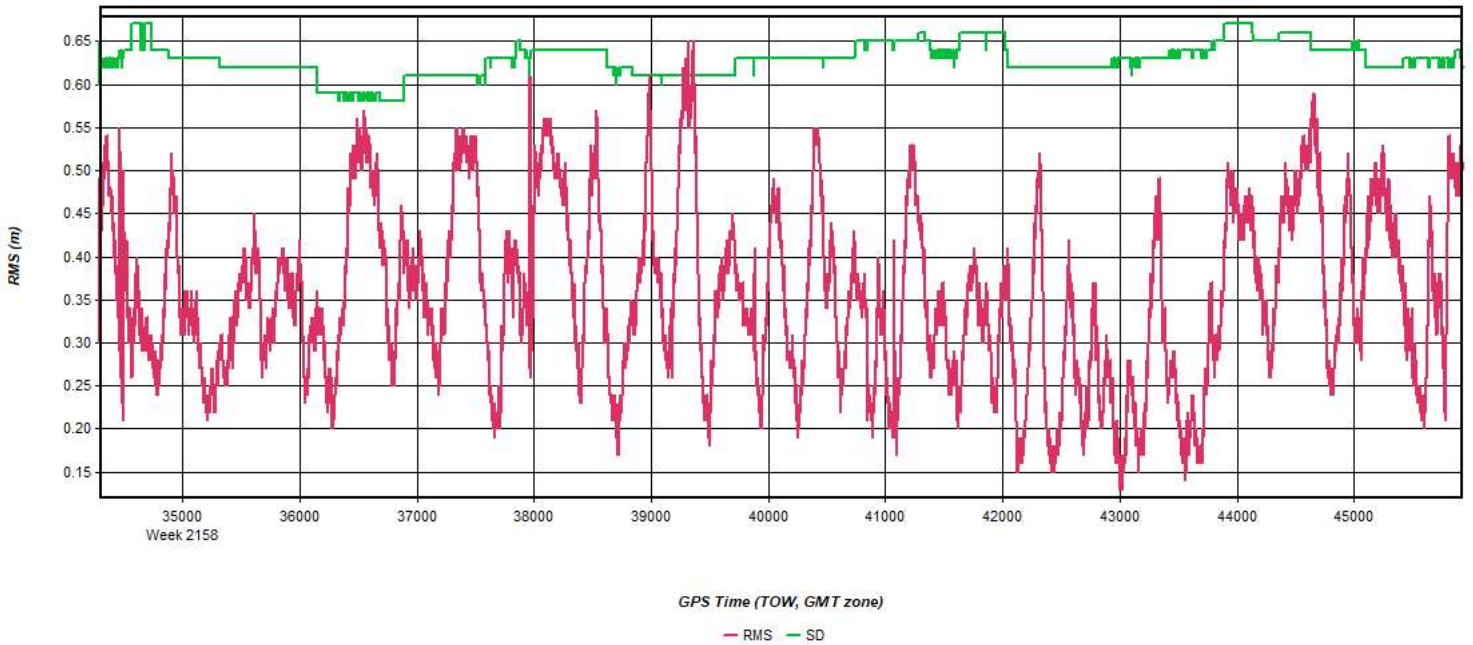
Process	20210516_093014_35	by Unknown	on 5/18/2021	at 13:38:39
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Figure 15: 20210516_093014_35 [Smoothed TC Combined] - Height Profile Plot



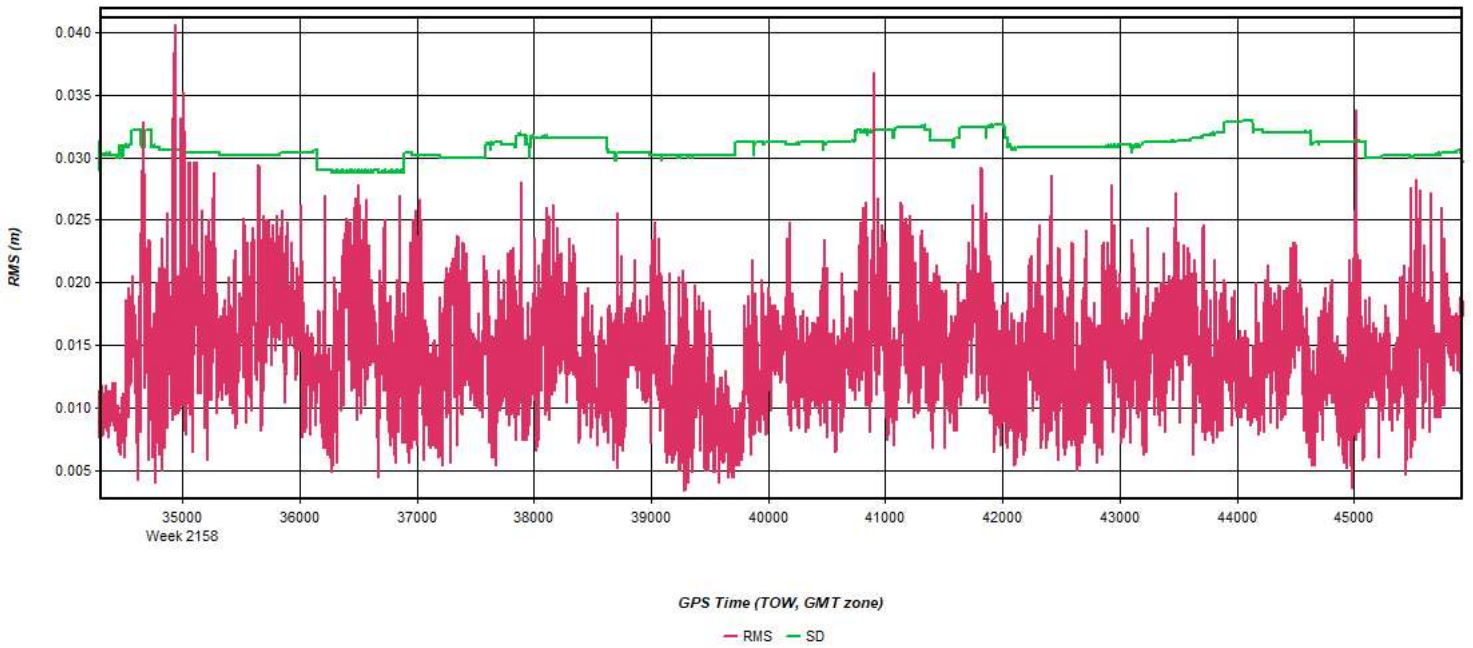
Process	20210516_093014_35	by Unknown	on 5/18/2021	at 13:38:39
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Figure 16: 20210516_093014_35 [Smoothed TC Combined] - C/A Code Residual RMS Plot



Process	20210516_093014_35	by Unknown	on 5/18/2021	at 13:38:39
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Figure 17: 20210516_093014_35 [Smoothed TC Combined] - Carrier Residual RMS Plot



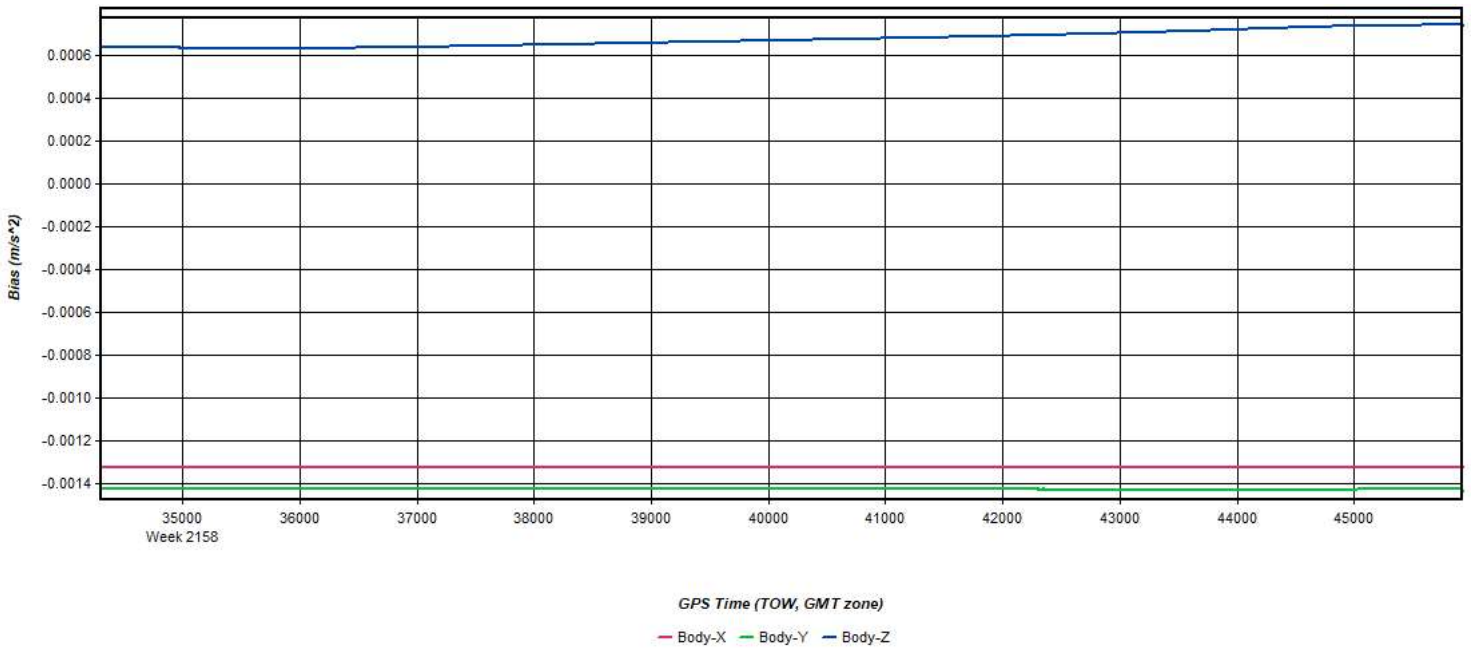
Process	20210516_093014_35	by Unknown	on 5/18/2021	at 13:38:39
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Figure 18: 20210516_093014_35 [Smoothed TC Combined] - L1 Doppler Residual RMS Plot



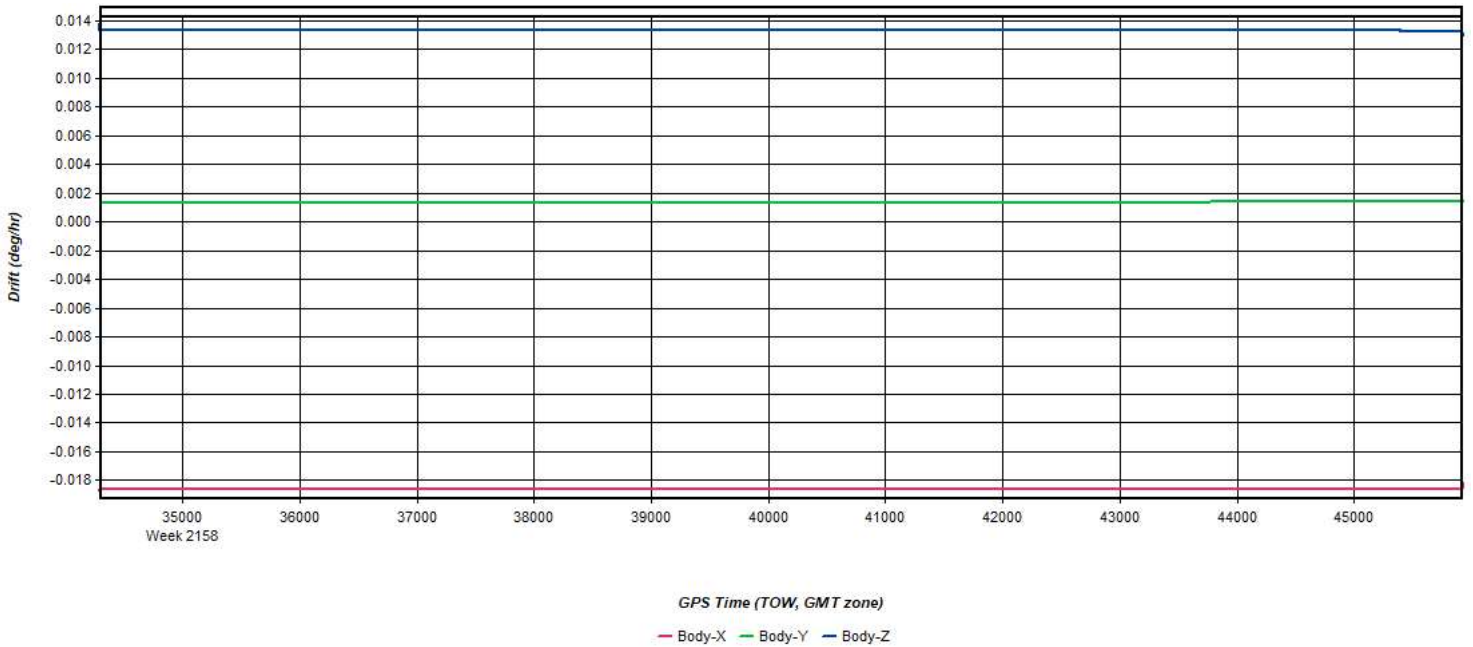
Process	20210516_093014_35	by Unknown	on 5/18/2021	at 13:38:39
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Figure 19: 20210516_093014_35 [Smoothed TC Combined] - Accelerometer Bias Plot



Process	20210516_093014_35	by Unknown	on 5/18/2021	at 13:38:39
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Figure 20: 20210516_093014_35 [Smoothed TC Combined] - Gyro Drift Plot

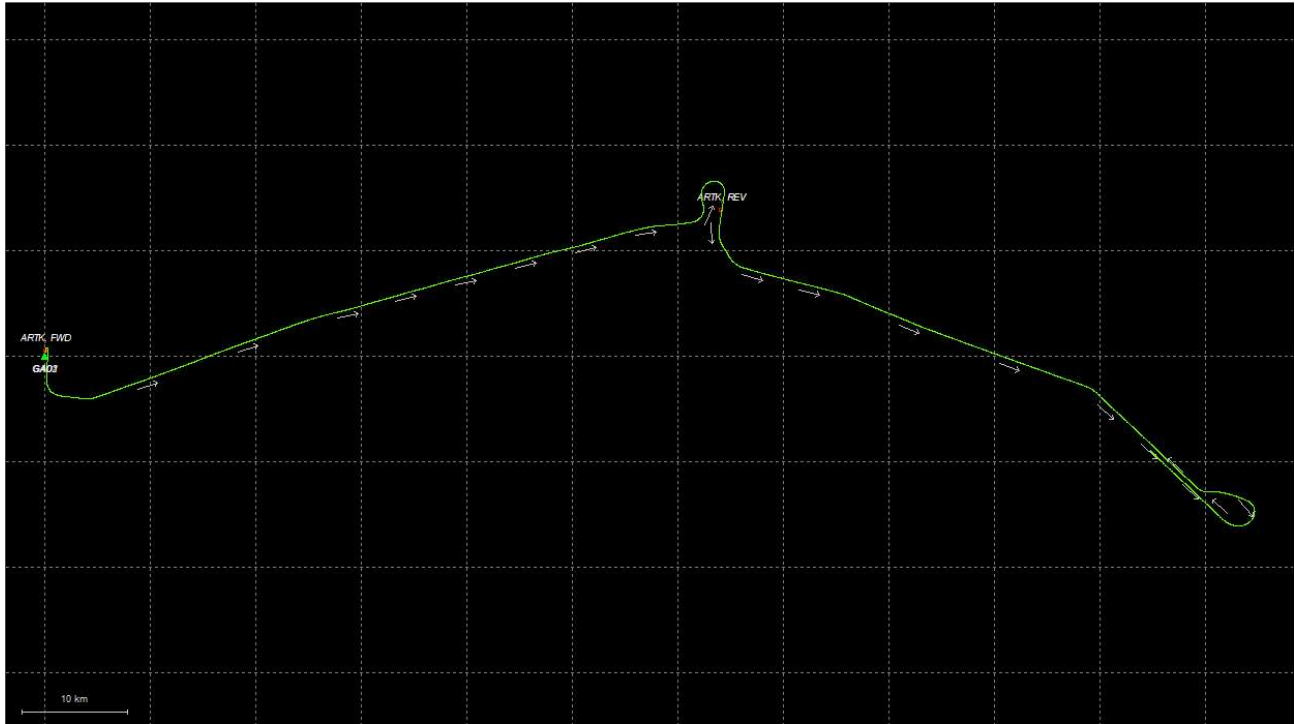


Process	20210516_093014_35	by Unknown	on 5/18/2021	at 13:38:39
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Output Results for 20210524_131018_36a

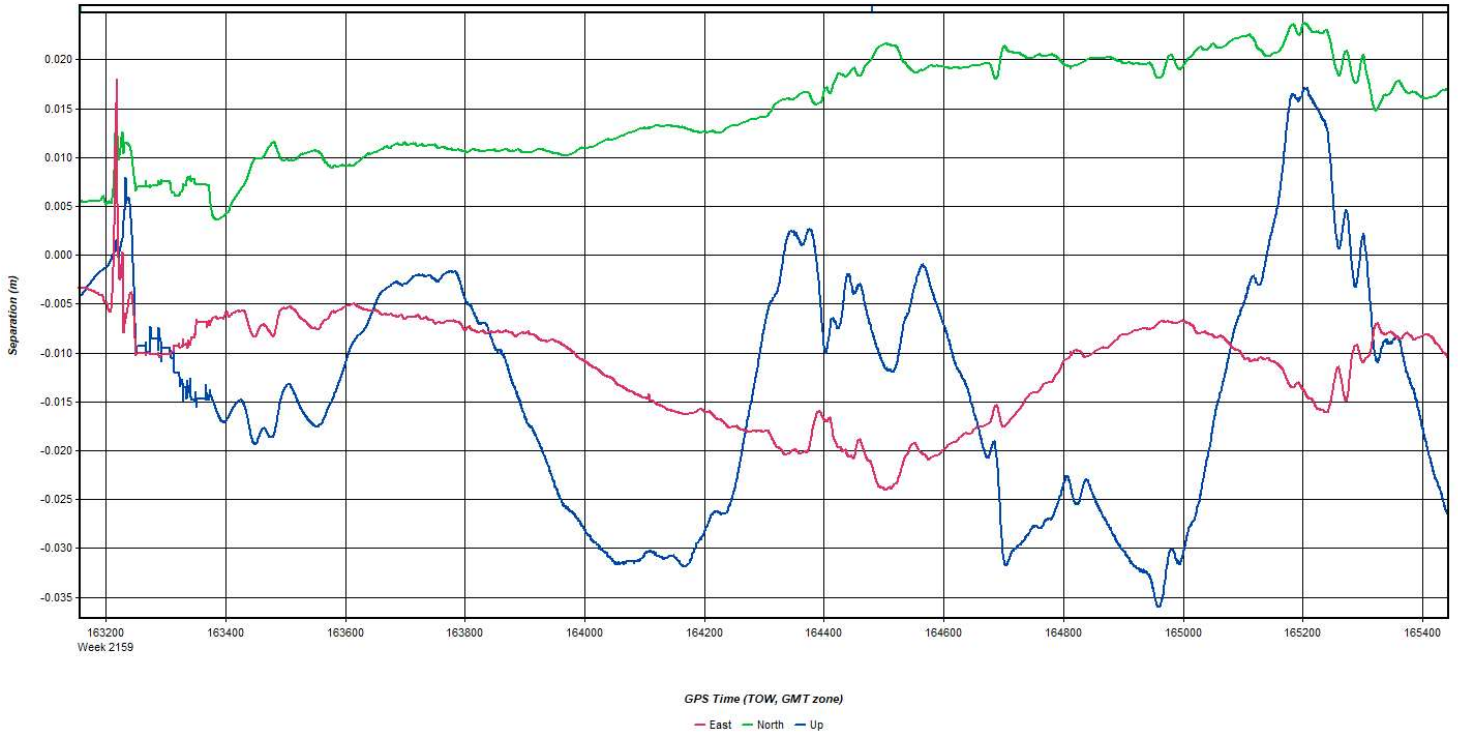
Inertial Explorer Version 8.90.2124
05/28/2021

Figure 1: Smoothed TC Combined - Map



Process	20210524_131018_36a	by Unknown	on 5/28/2021	at 14:06:17
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Figure 2: 20210524_131018_36a [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot



Process	20210524_131018_36a	by Unknown	on 5/28/2021	at 14:06:17
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Figure 3: 20210524_131018_36a [Smoothed TC Combined] - Float or Fixed Ambiguity

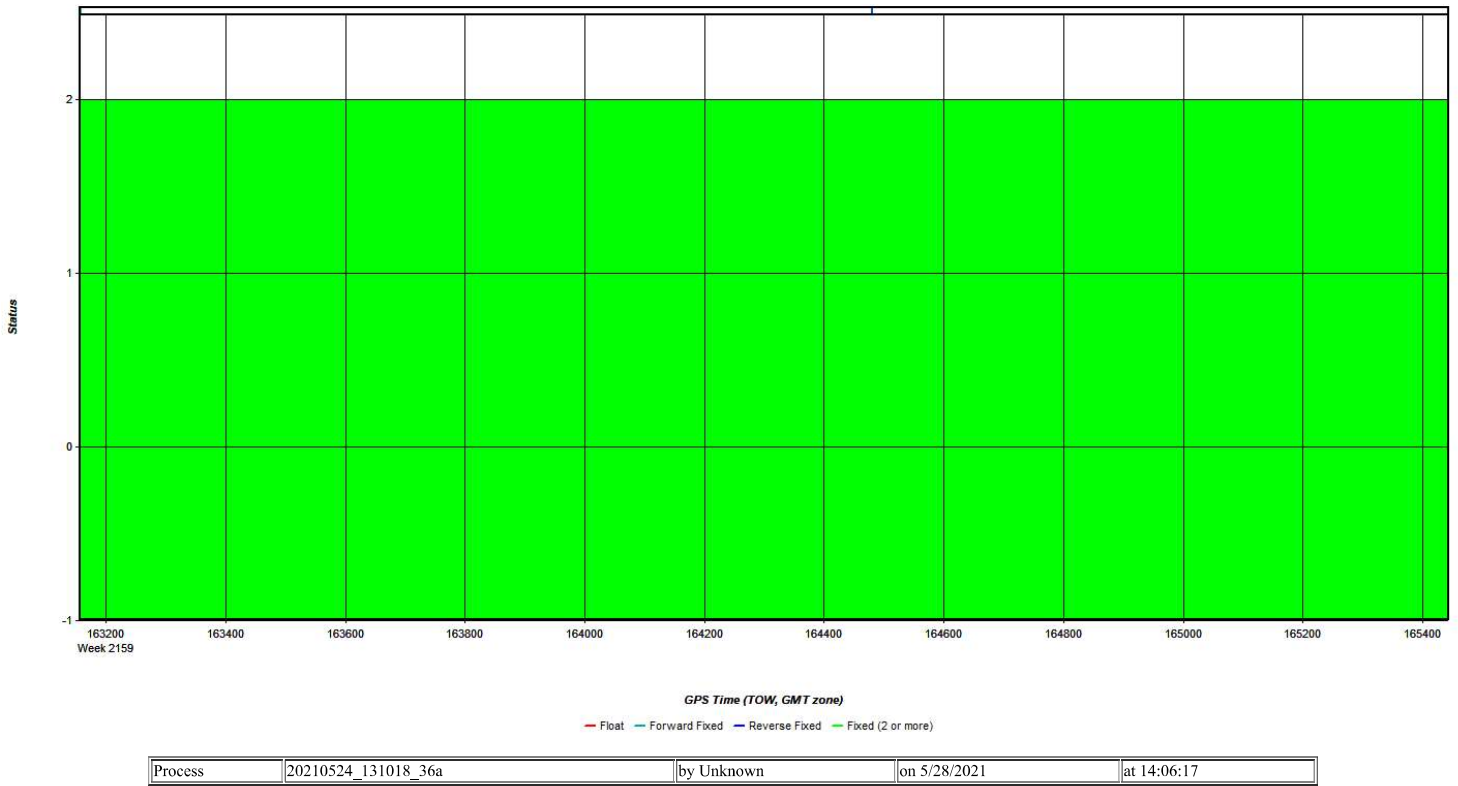


Figure 4: 20210524_131018_36a [Smoothed TC Combined] - Forward/Reverse Separation Plot (Fixed)

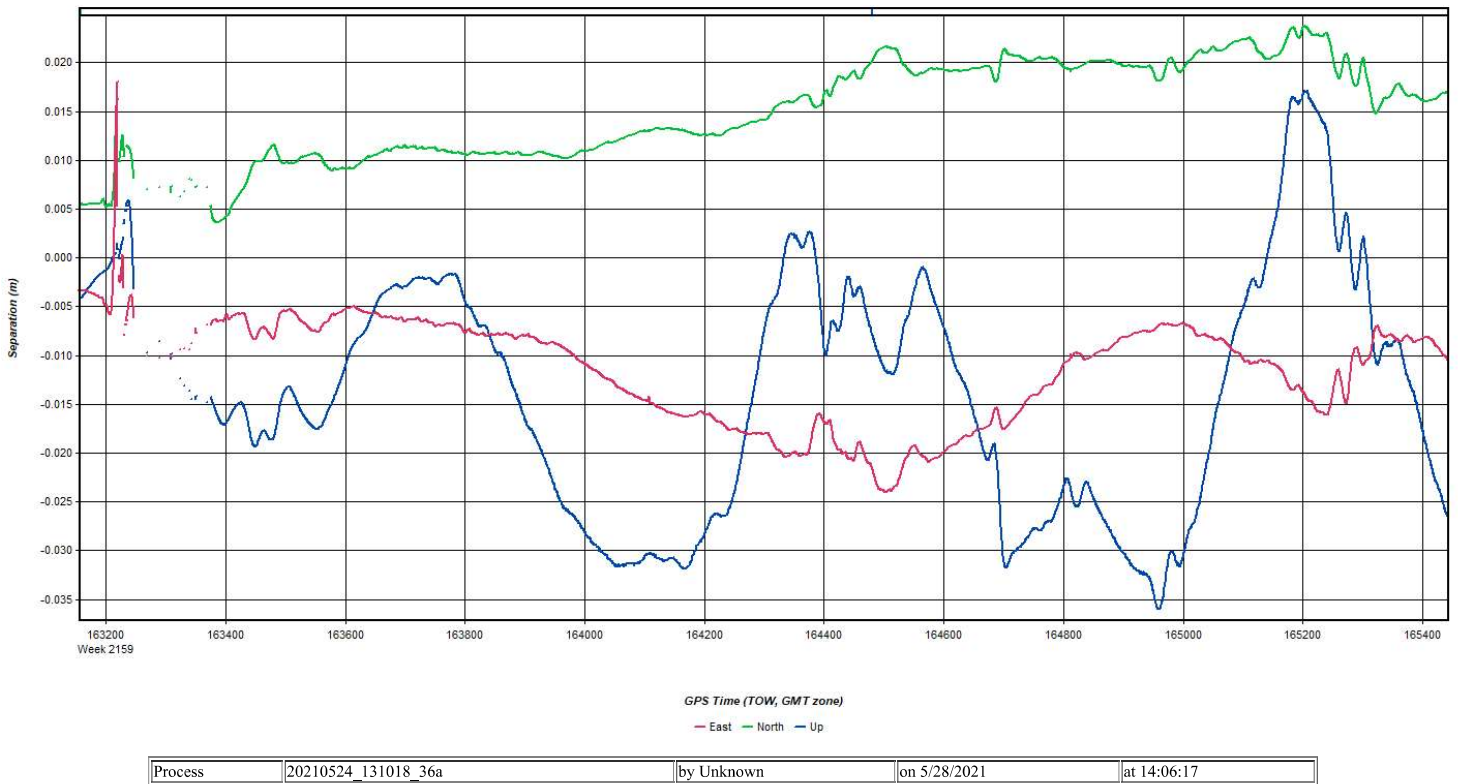


Figure 5: 20210524_131018_36a [Smoothed TC Combined] - Estimated Position Accuracy Plot

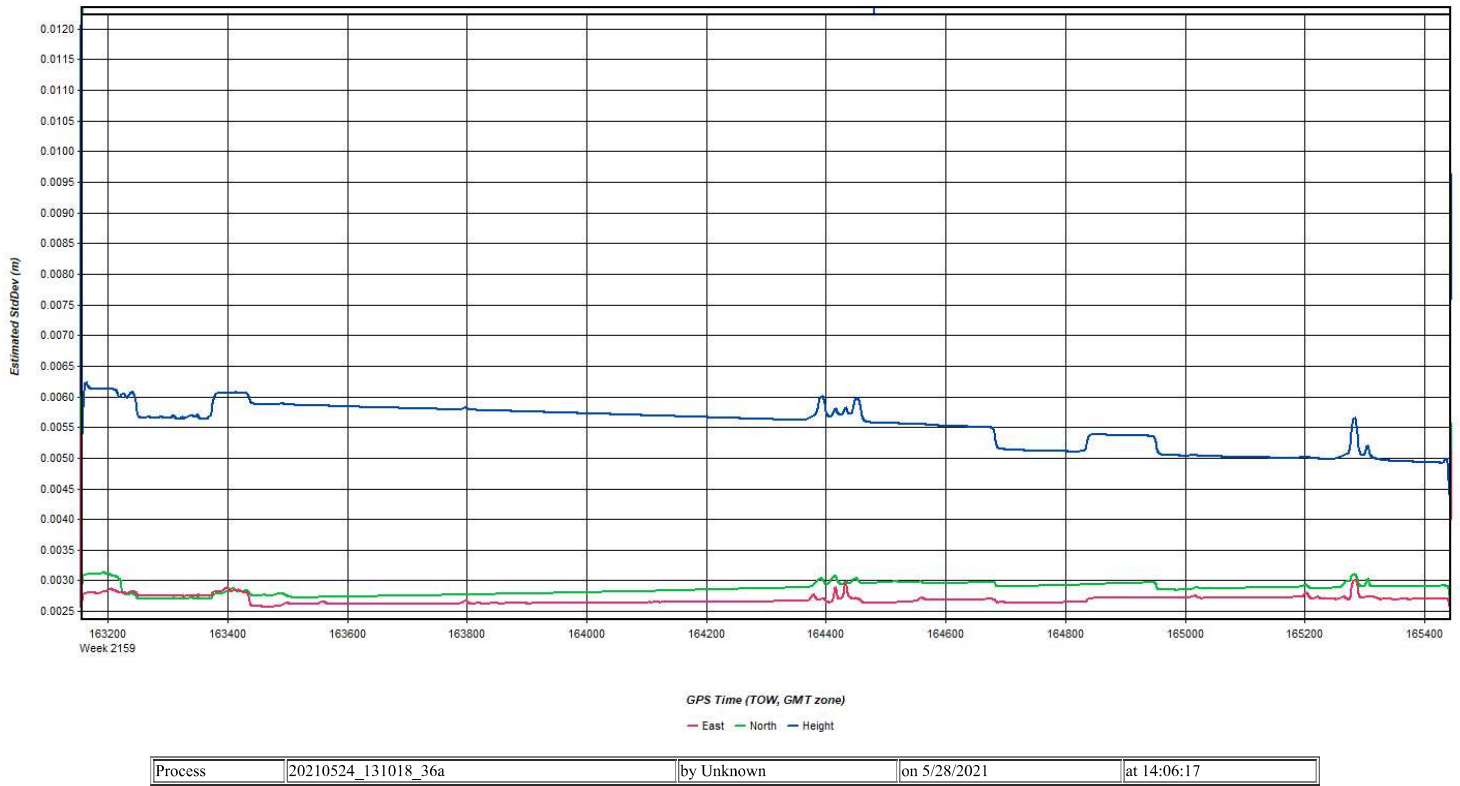


Figure 6: 20210524_131018_36a [Smoothed TC Combined] - PDOP Plot

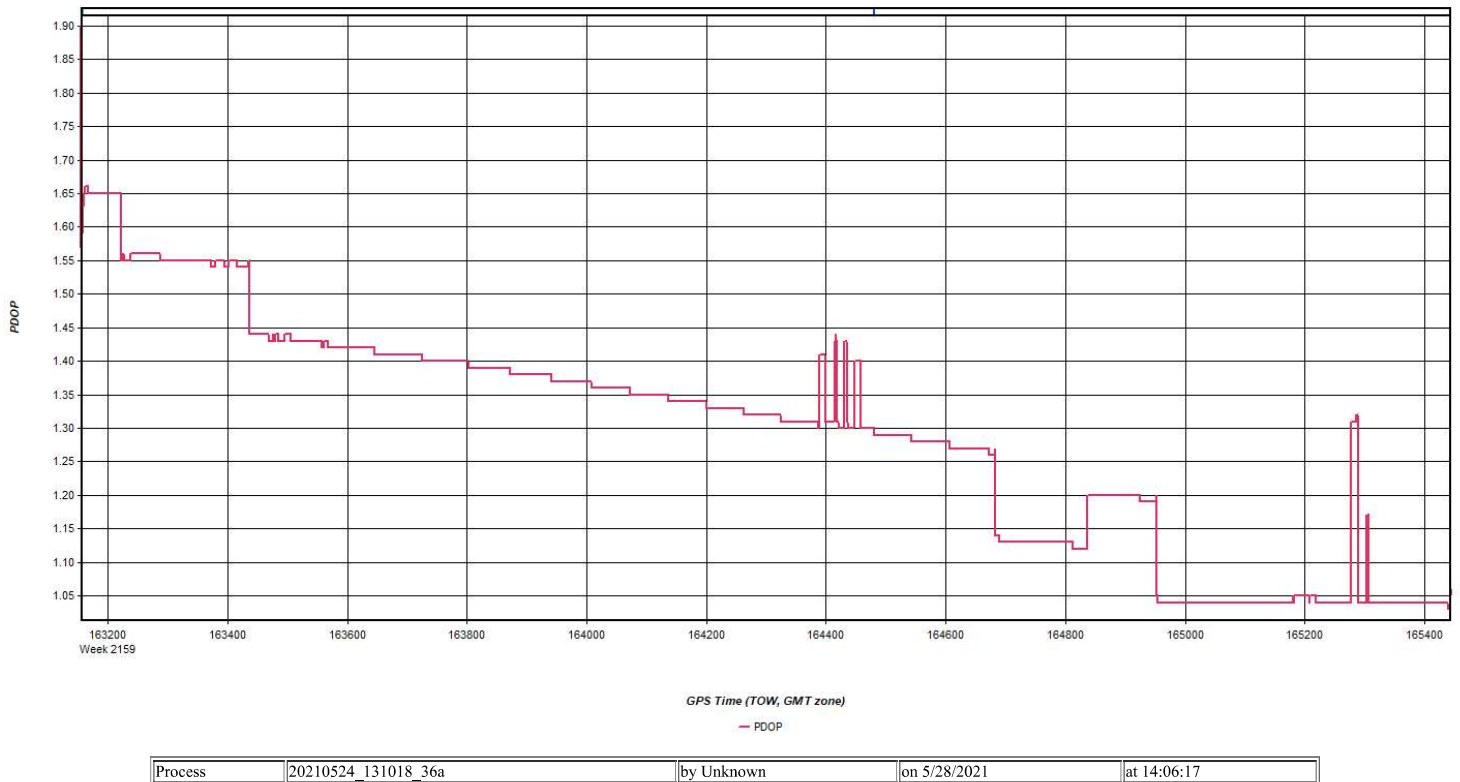


Figure 7: 20210524_131018_36a [Smoothed TC Combined] - Number of Satellites Line Plot

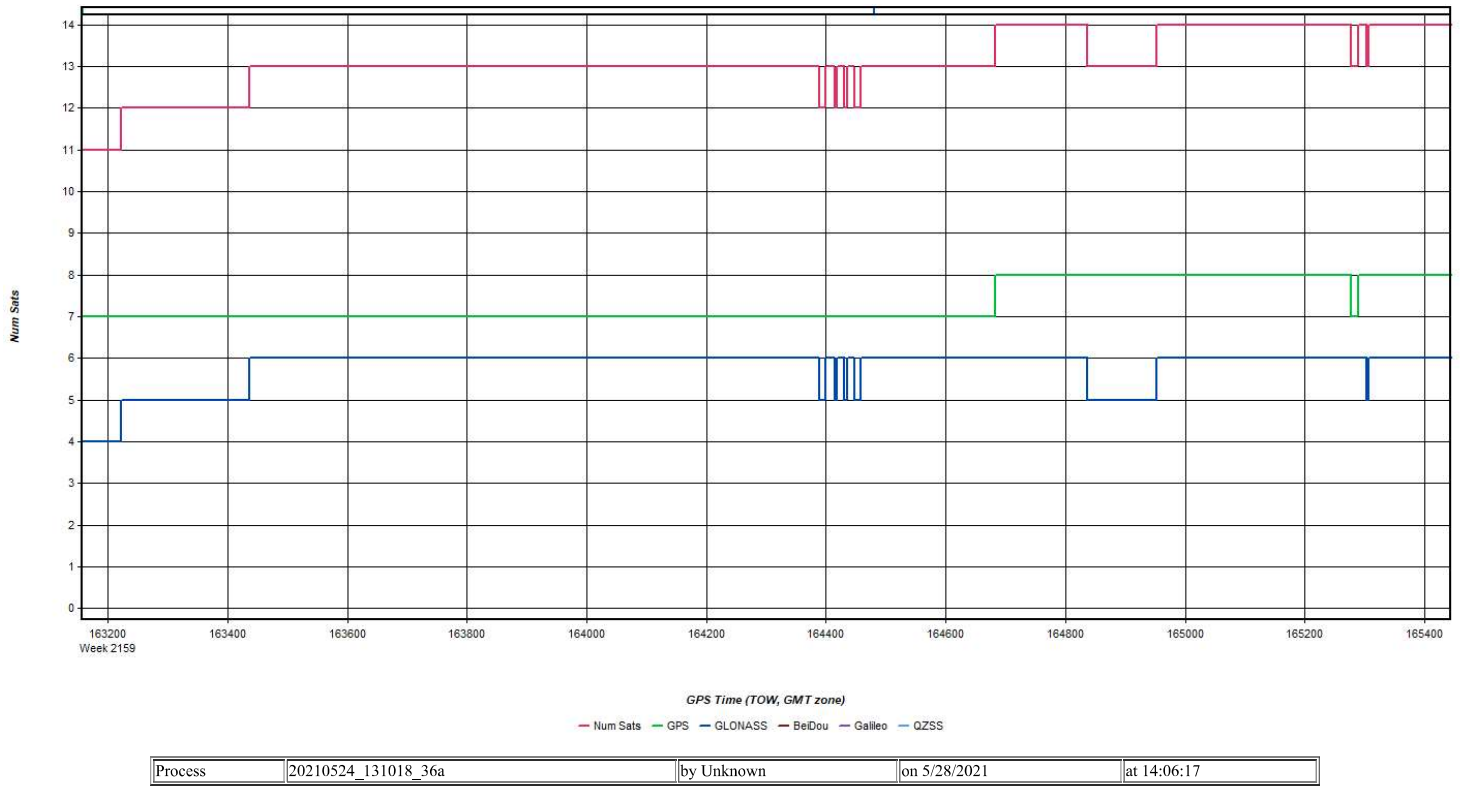


Figure 8: 20210524_131018_36a [Smoothed TC Combined] - Status flag for IMU processing

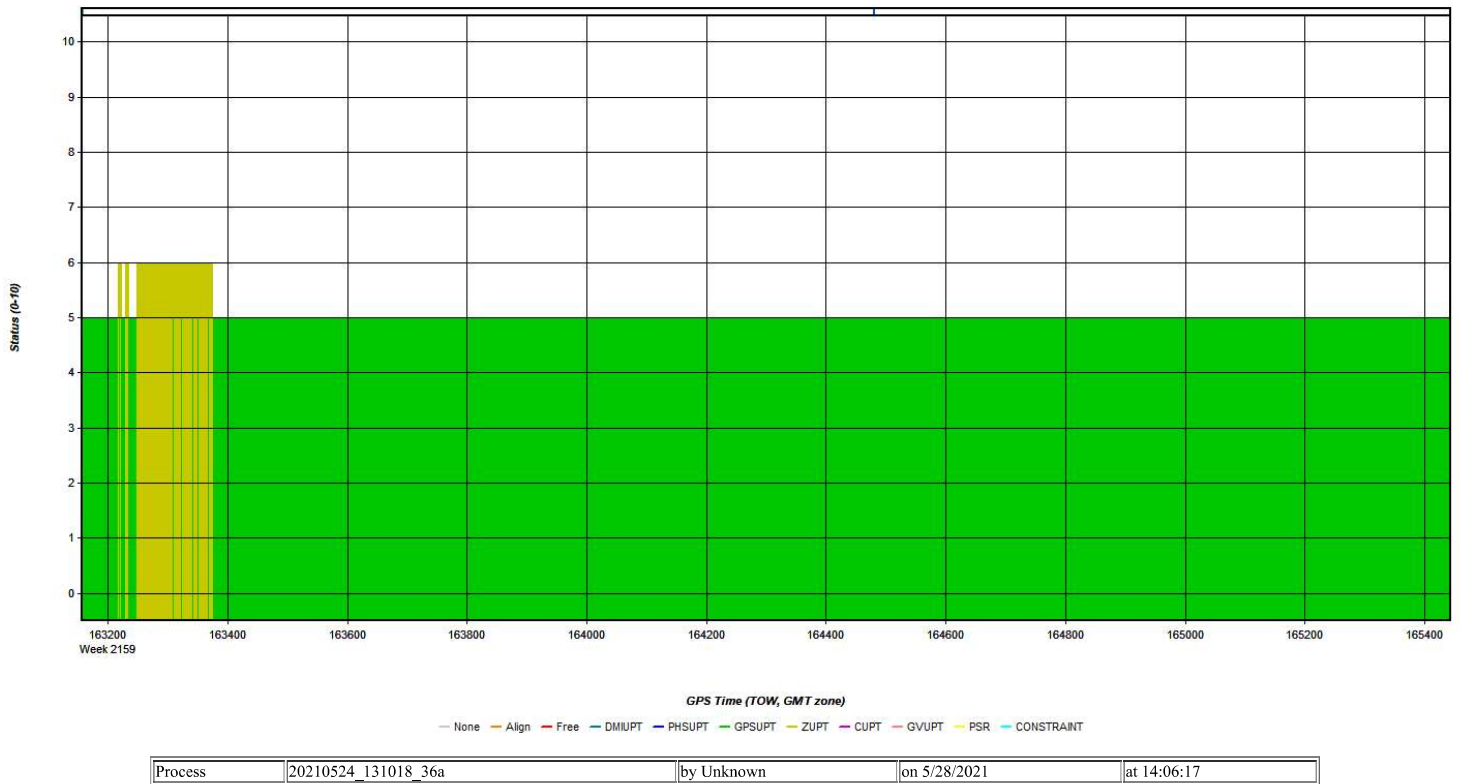
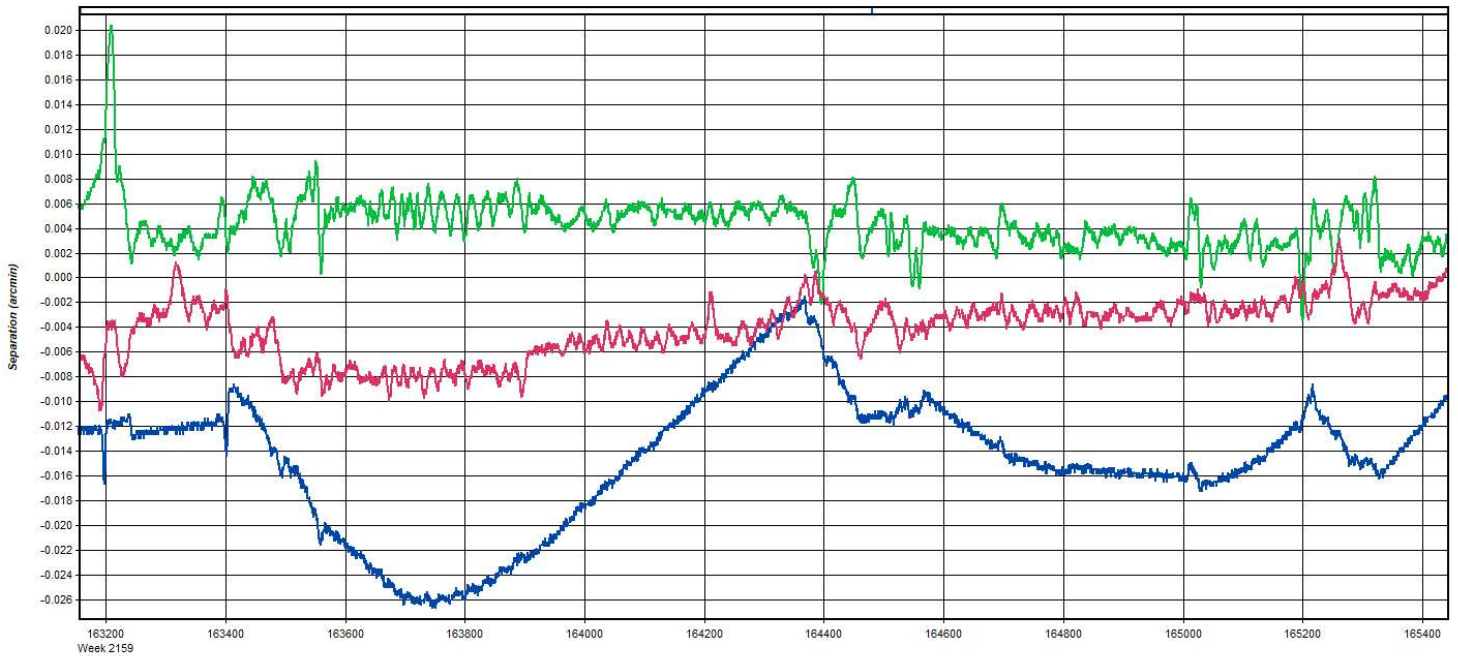
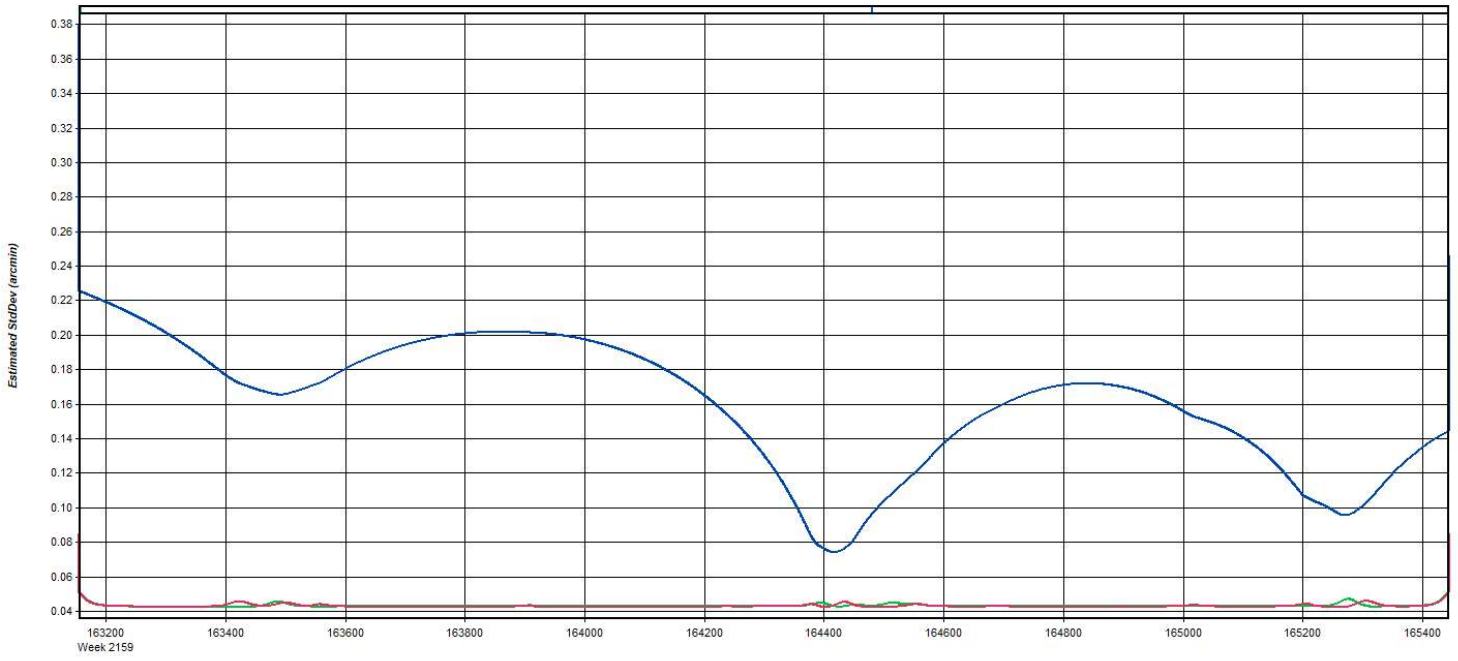


Figure 9: 20210524_131018_36a [Smoothed TC Combined] - Fwd/Rev Attitude Separation Plot



Process	20210524_131018_36a	by Unknown	on 5/28/2021	at 14:06:17
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Figure 10: 20210524_131018_36a [Smoothed TC Combined] - Estimated Attitude Accuracy Plot



Process	20210524_131018_36a	by Unknown	on 5/28/2021	at 14:06:17
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Figure 11: 20210524_131018_36a [Smoothed TC Combined] - Azimuth Plot

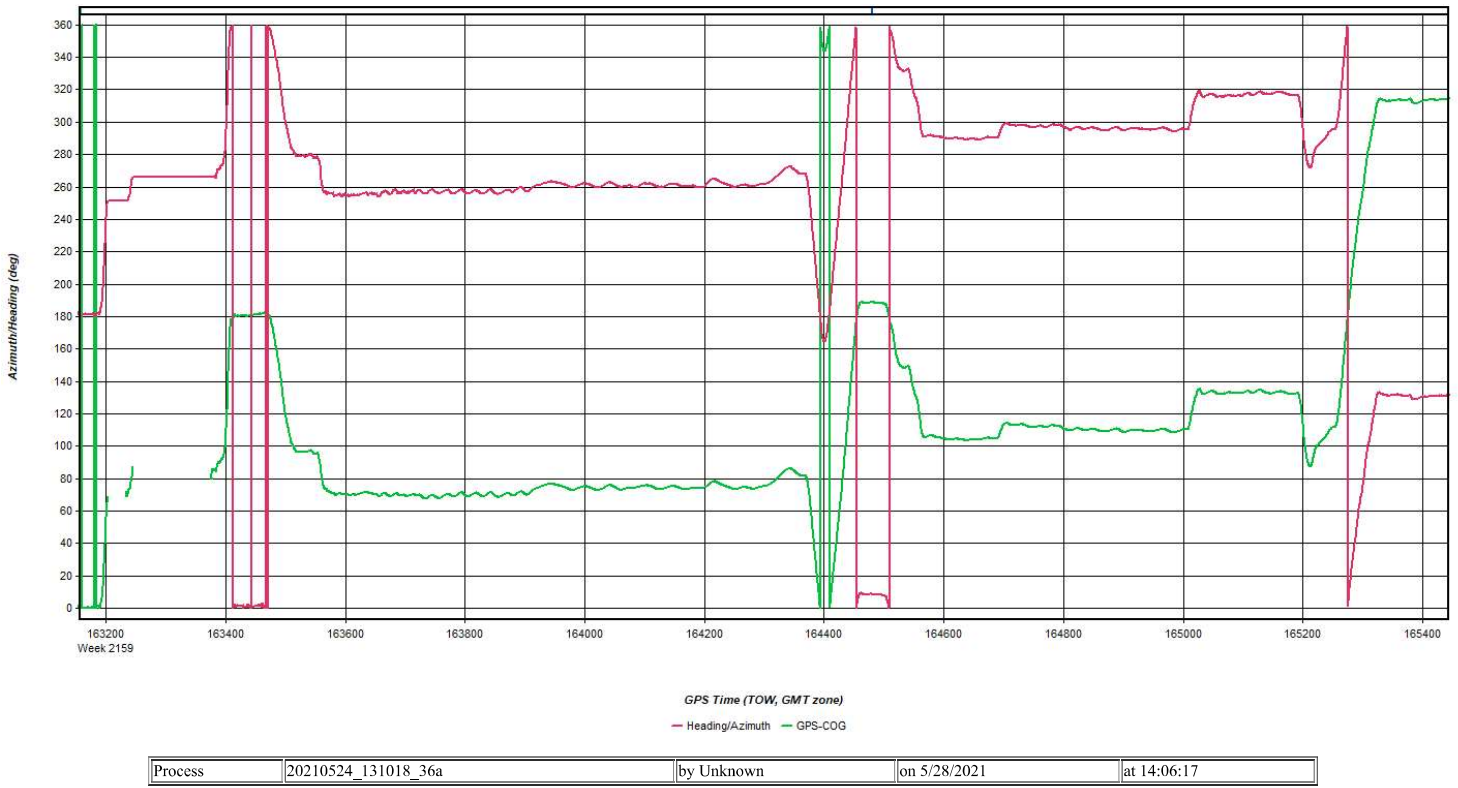


Figure 12: 20210524_131018_36a [Smoothed TC Combined] - Roll & Pitch Plot

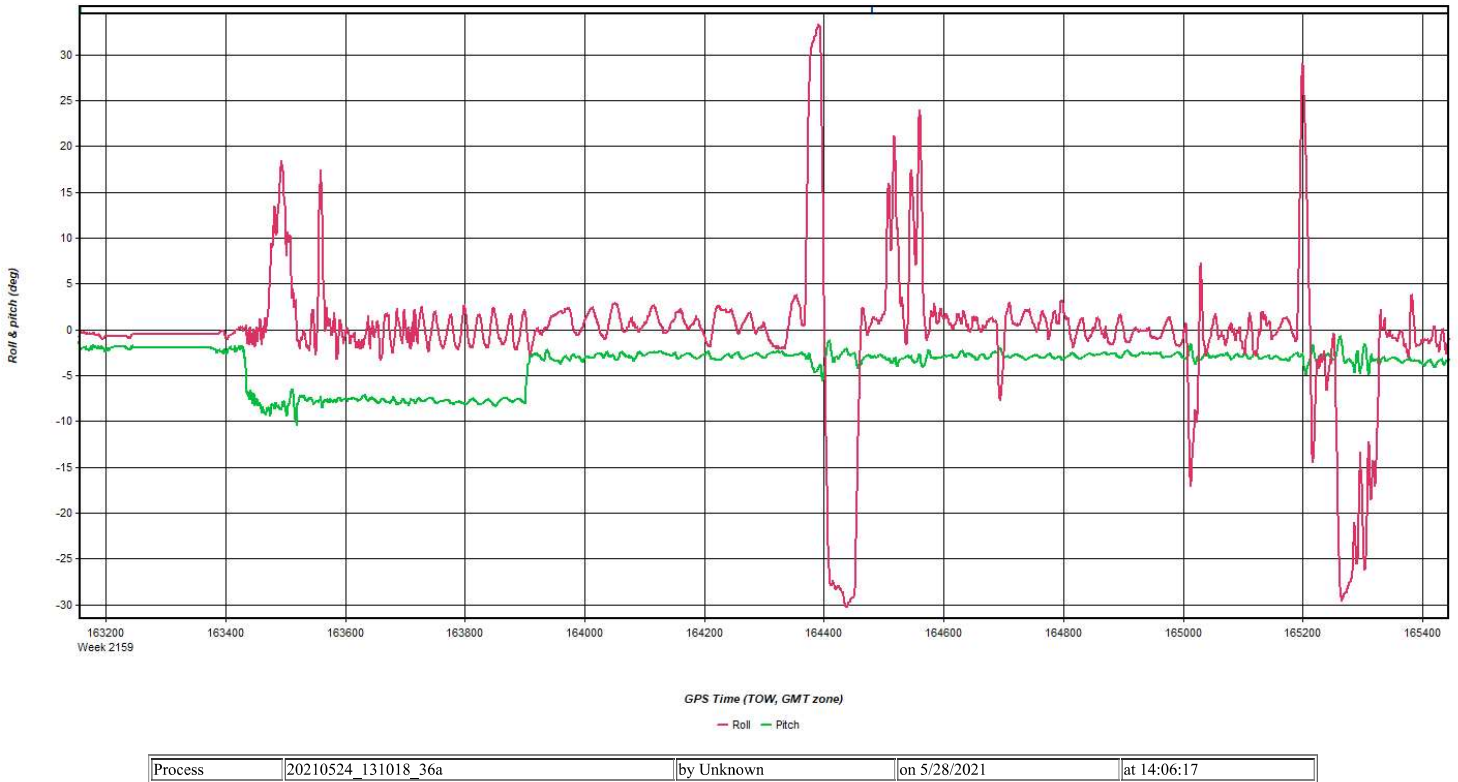


Figure 13: 20210524_131018_36a [Smoothed TC Combined] - Velocity Profile Plot

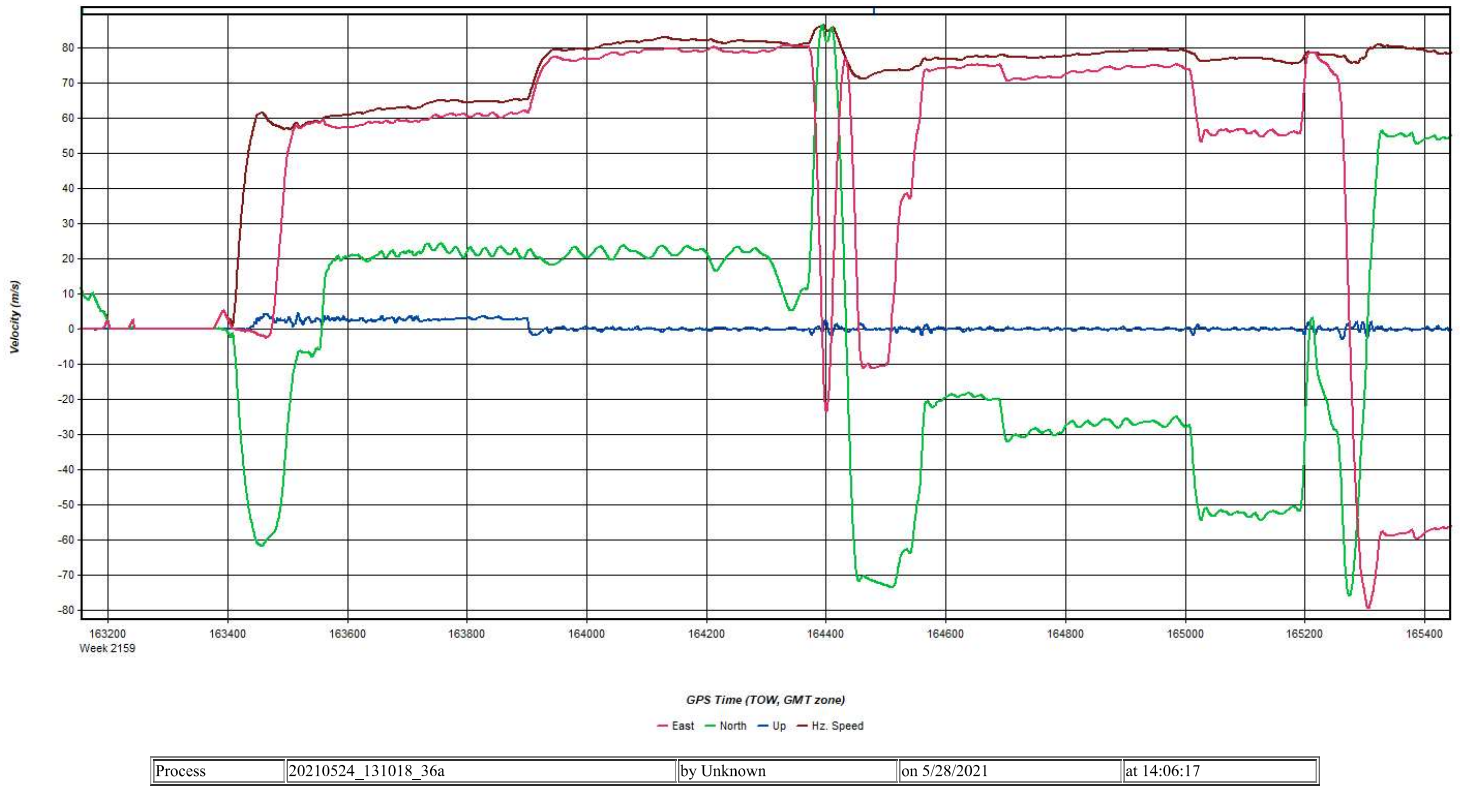


Figure 14: 20210524_131018_36a [Smoothed TC Combined] - Body Frame Velocity Plot

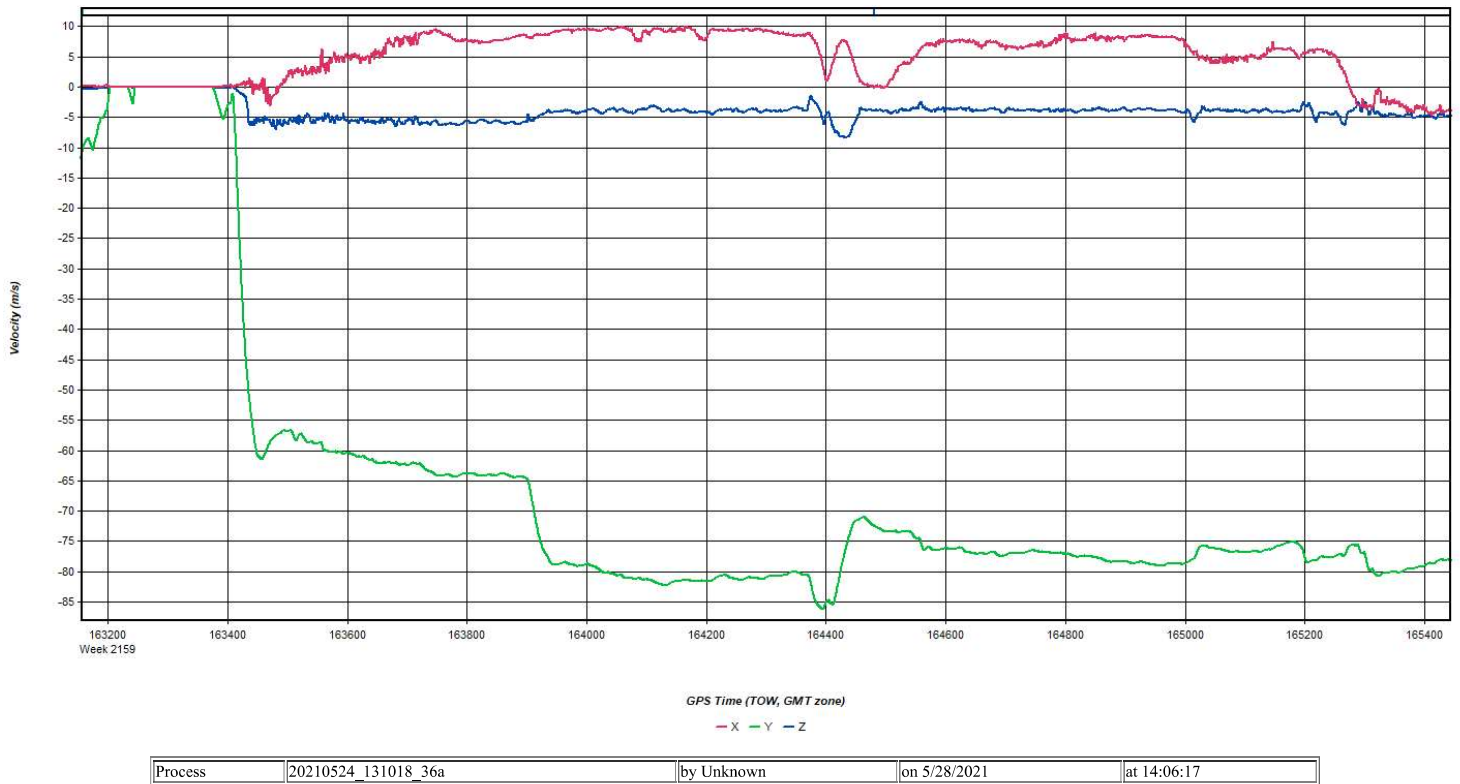
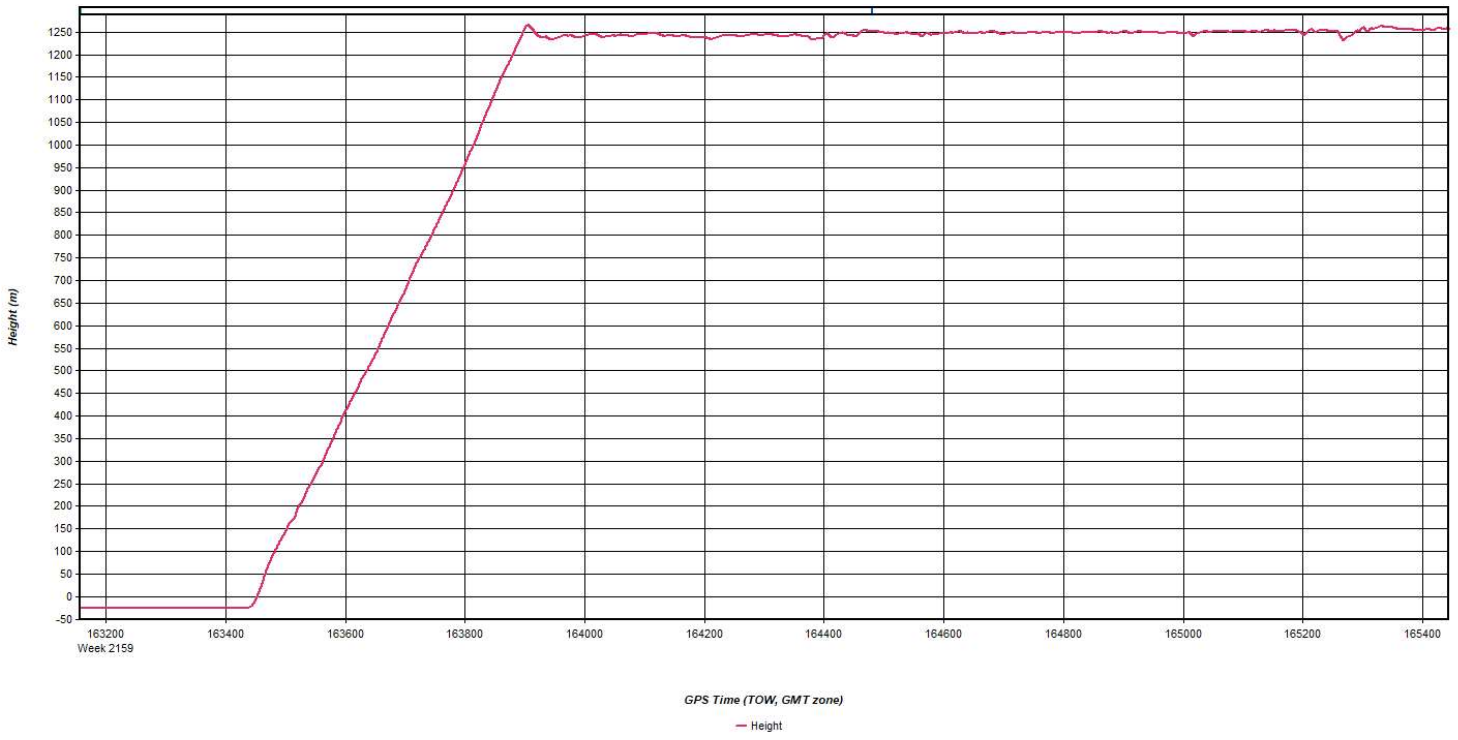
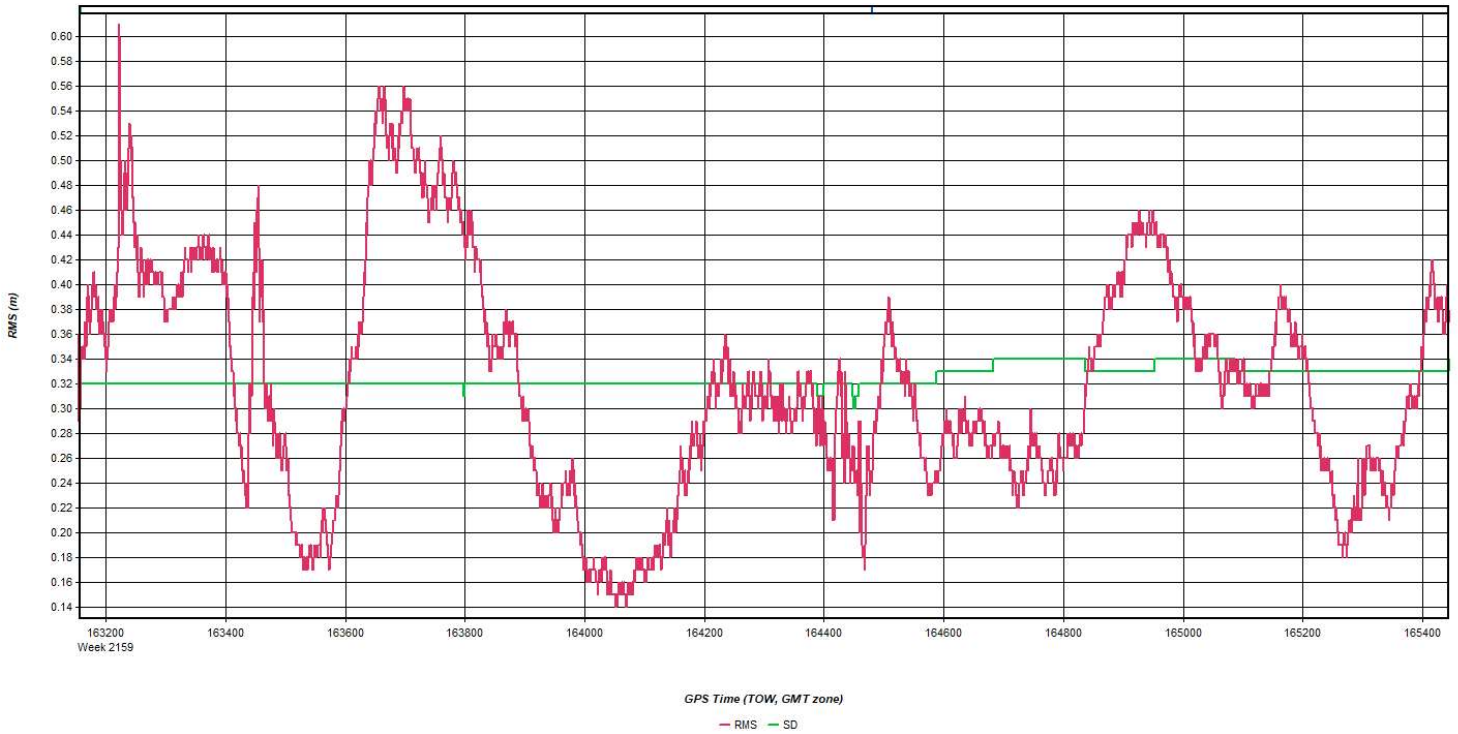


Figure 15: 20210524_131018_36a [Smoothed TC Combined] - Height Profile Plot



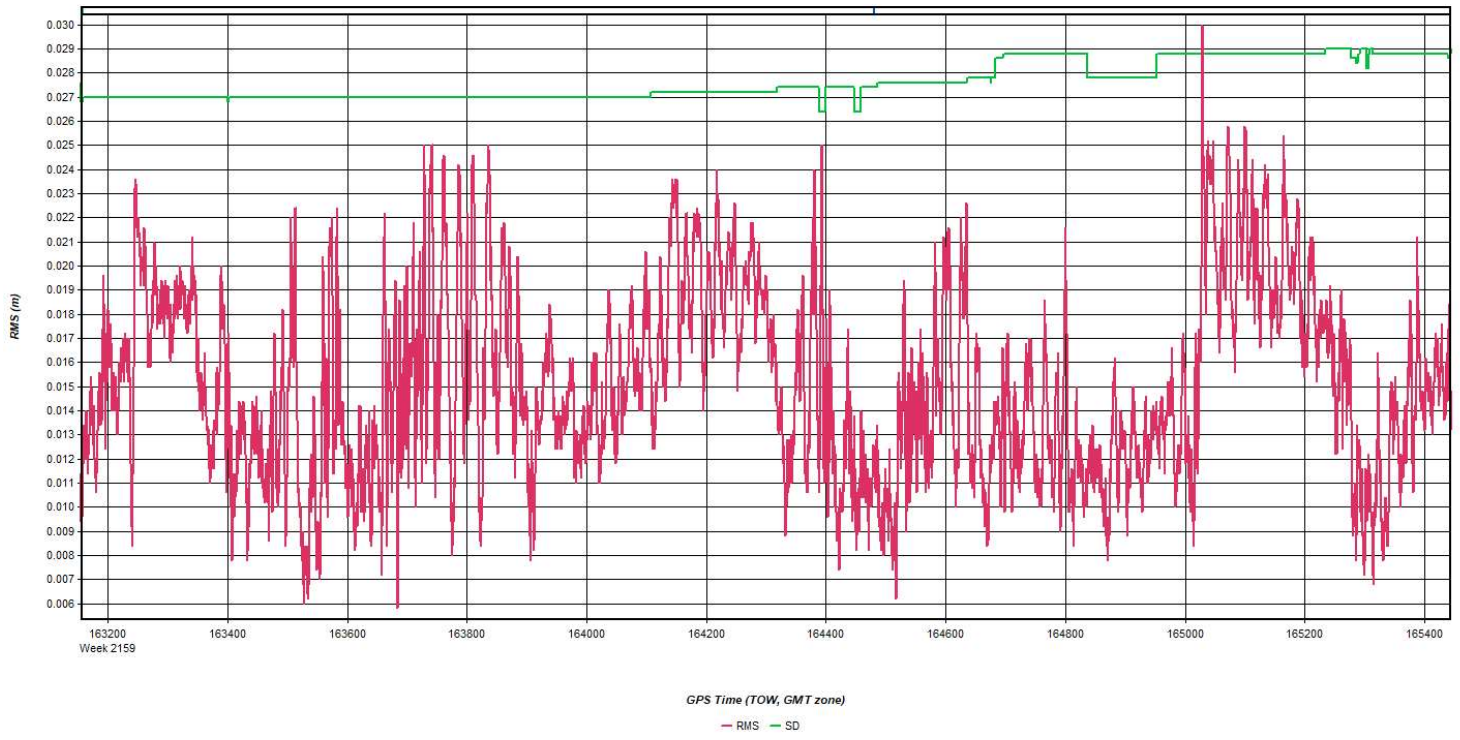
Process	20210524_131018_36a	by Unknown	on 5/28/2021	at 14:06:17
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Figure 16: 20210524_131018_36a [Smoothed TC Combined] - C/A Code Residual RMS Plot



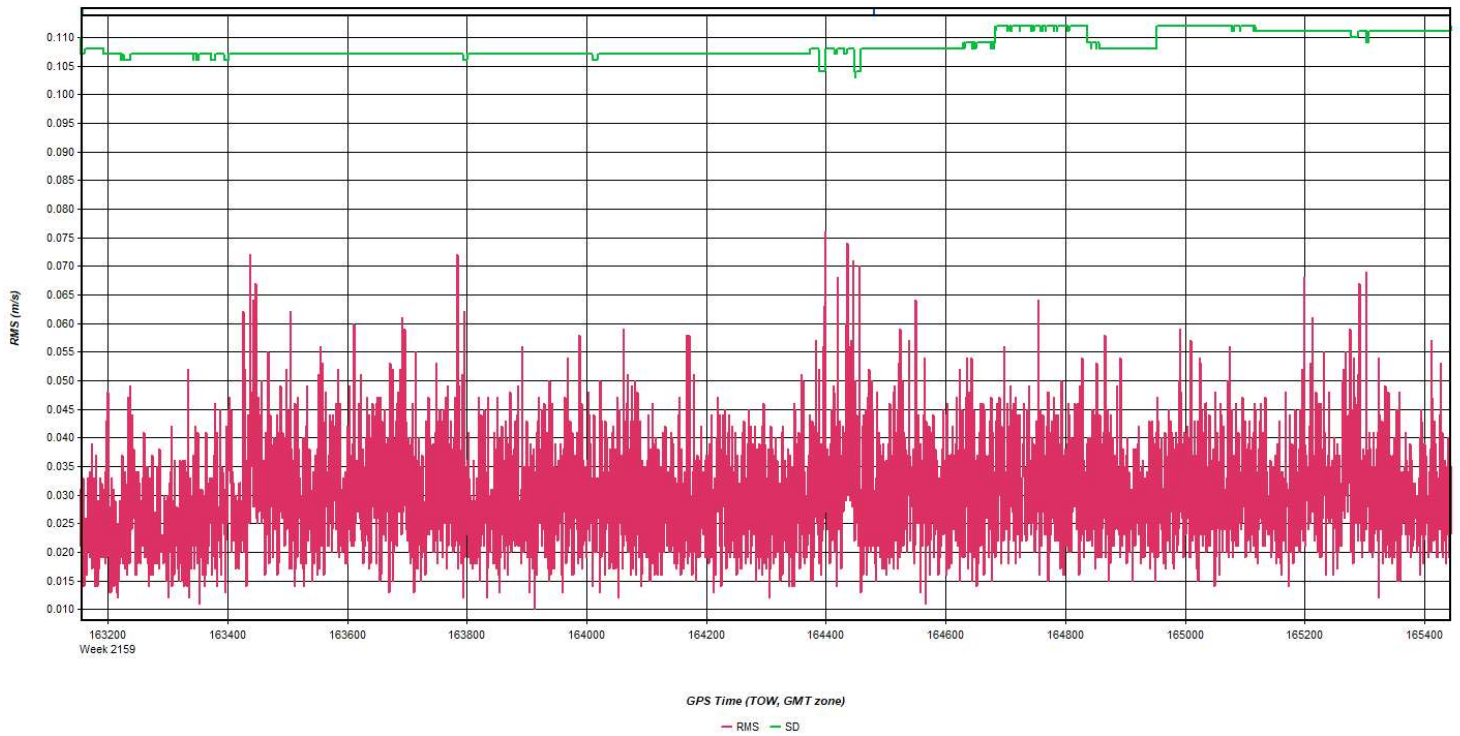
Process	20210524_131018_36a	by Unknown	on 5/28/2021	at 14:06:17
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Figure 17: 20210524_131018_36a [Smoothed TC Combined] - Carrier Residual RMS Plot



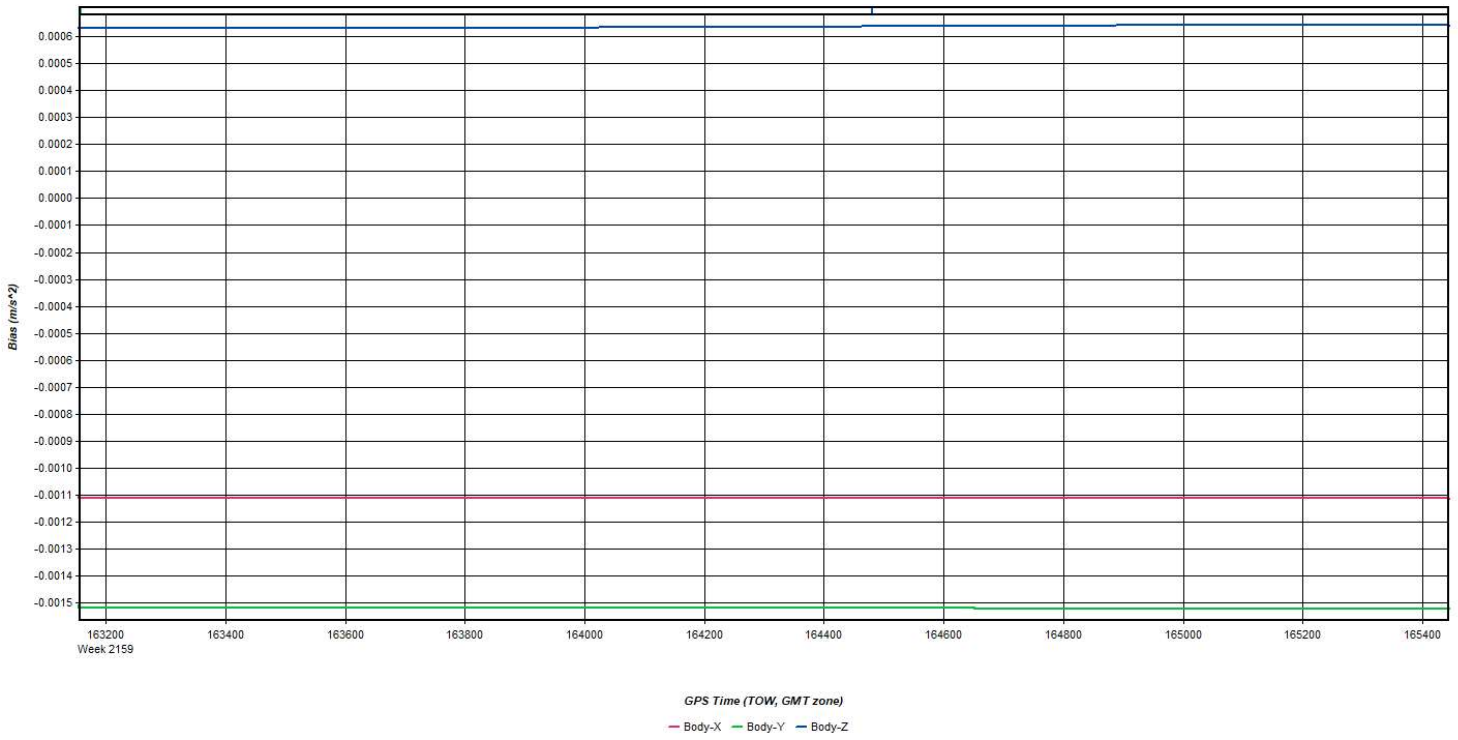
Process	20210524_131018_36a	by Unknown	on 5/28/2021	at 14:06:17
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Figure 18: 20210524_131018_36a [Smoothed TC Combined] - L1 Doppler Residual RMS Plot



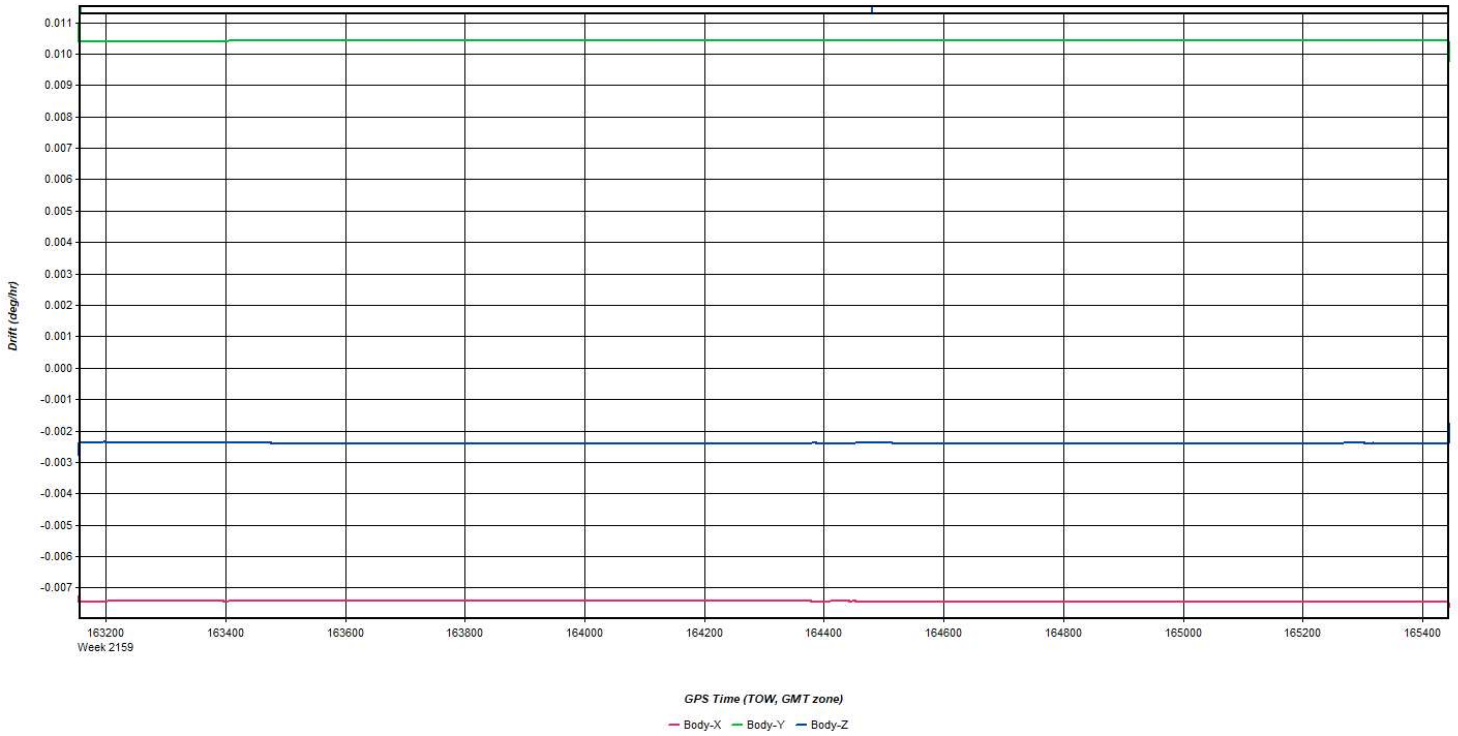
Process	20210524_131018_36a	by Unknown	on 5/28/2021	at 14:06:17
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Figure 19: 20210524_131018_36a [Smoothed TC Combined] - Accelerometer Bias Plot



Process	20210524_131018_36a	by Unknown	on 5/28/2021	at 14:06:17
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Figure 20: 20210524_131018_36a [Smoothed TC Combined] - Gyro Drift Plot

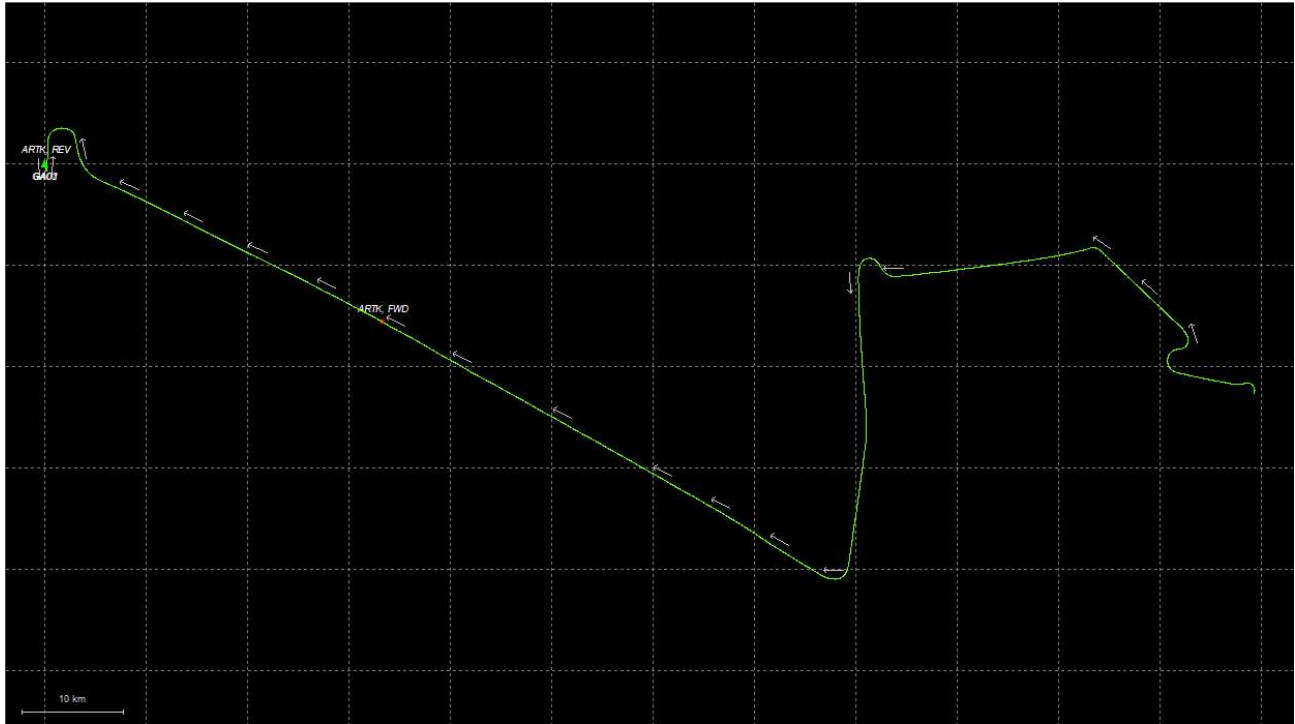


Process	20210524_131018_36a	by Unknown	on 5/28/2021	at 14:06:17
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Output Results for 20210524_220846_36b

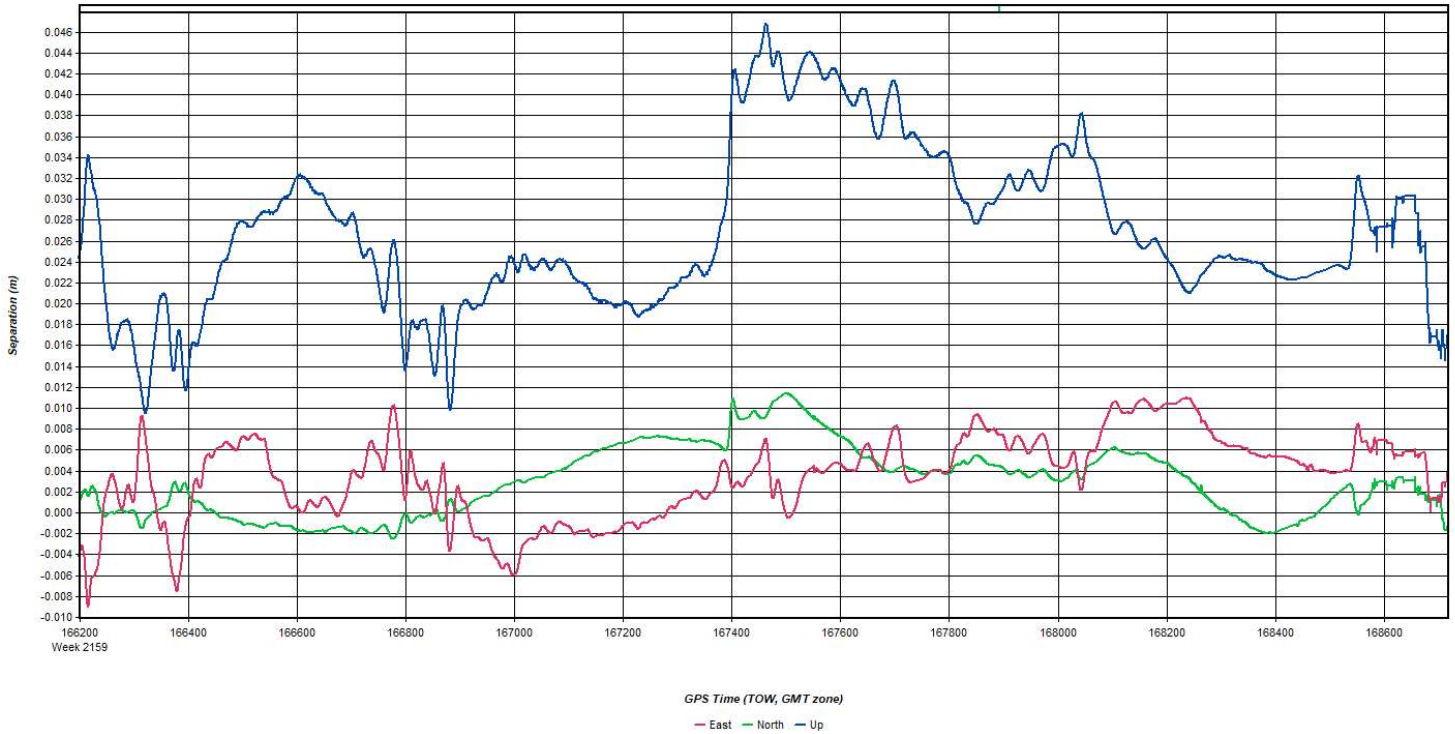
Inertial Explorer Version 8.90.2124
05/28/2021

Figure 1: Smoothed TC Combined - Map



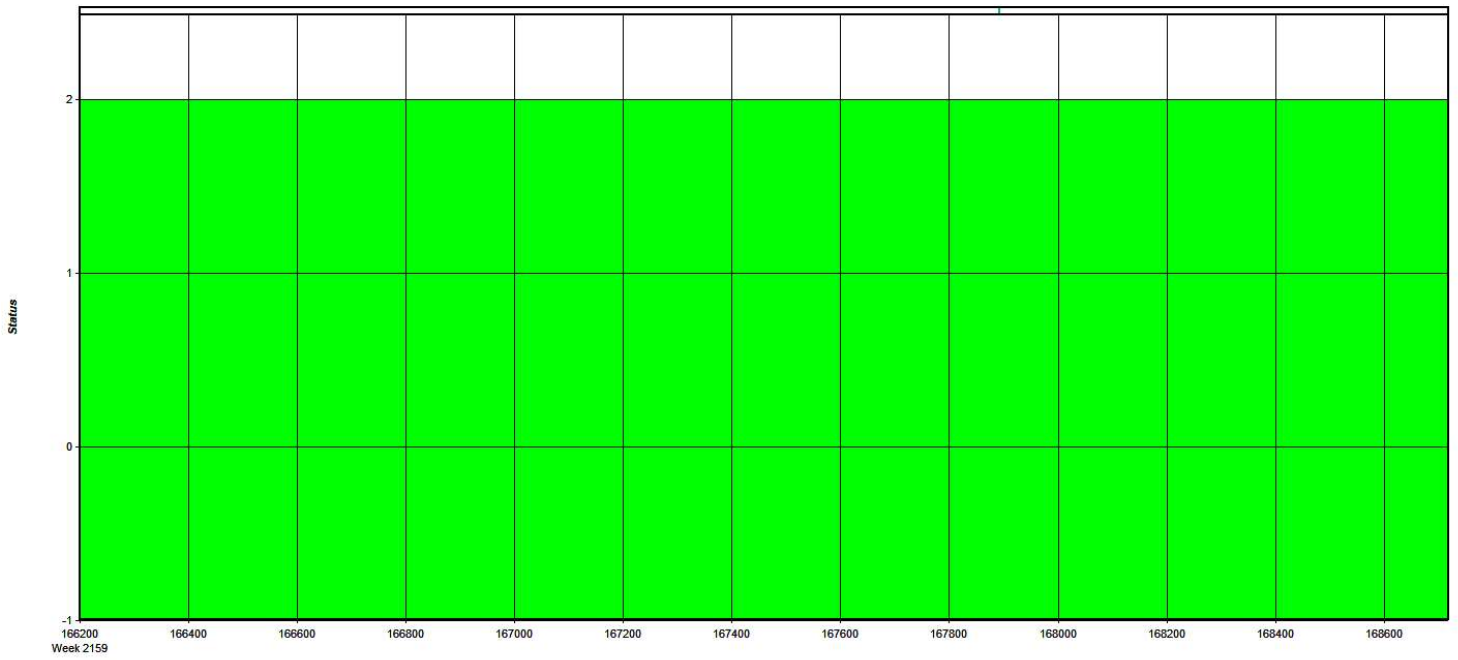
Process	20210524_220846_36b	by Unknown	on 5/28/2021	at 14:35:57
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Figure 2: 20210524_220846_36b [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot



Process	20210524_220846_36b	by Unknown	on 5/28/2021	at 14:35:57
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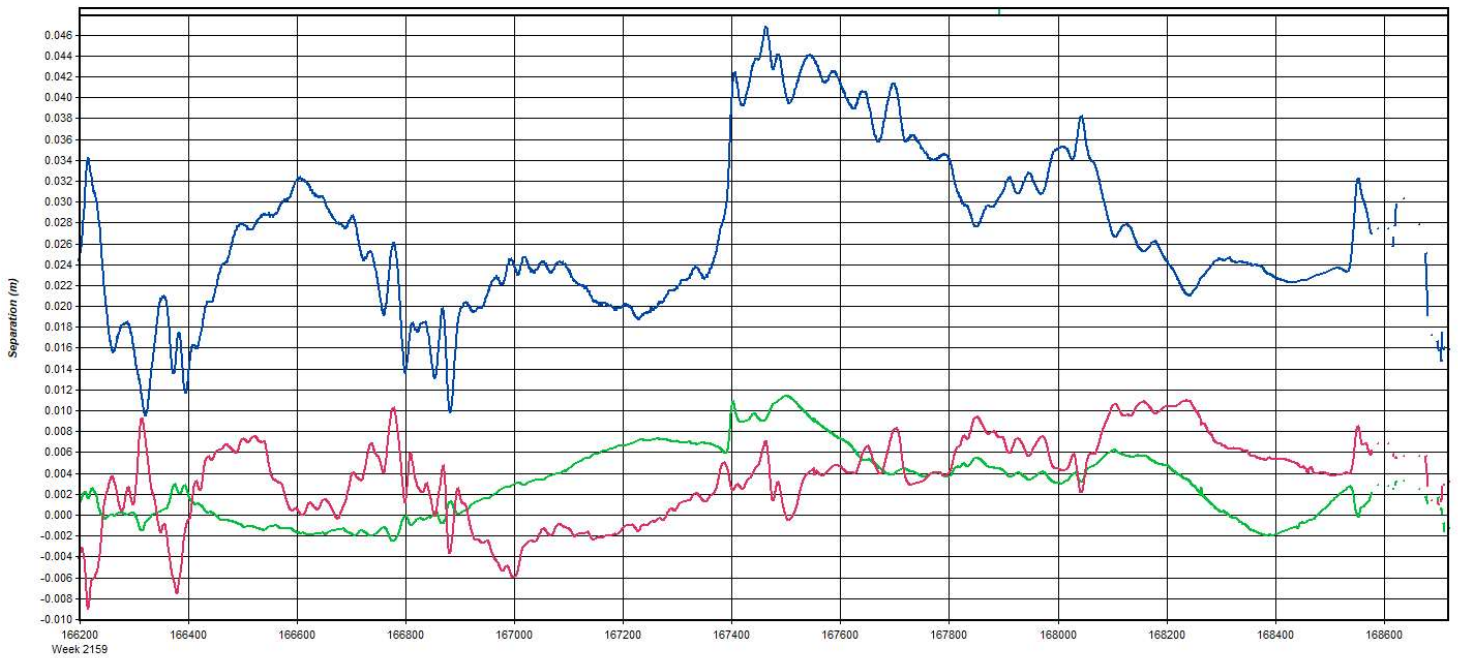
Figure 3: 20210524_220846_36b [Smoothed TC Combined] - Float or Fixed Ambiguity



GPS Time (TOW, GMT zone)
 - Float - Forward Fixed - Reverse Fixed - Fixed (2 or more)

Process	20210524_220846_36b	by Unknown	on 5/28/2021	at 14:35:57
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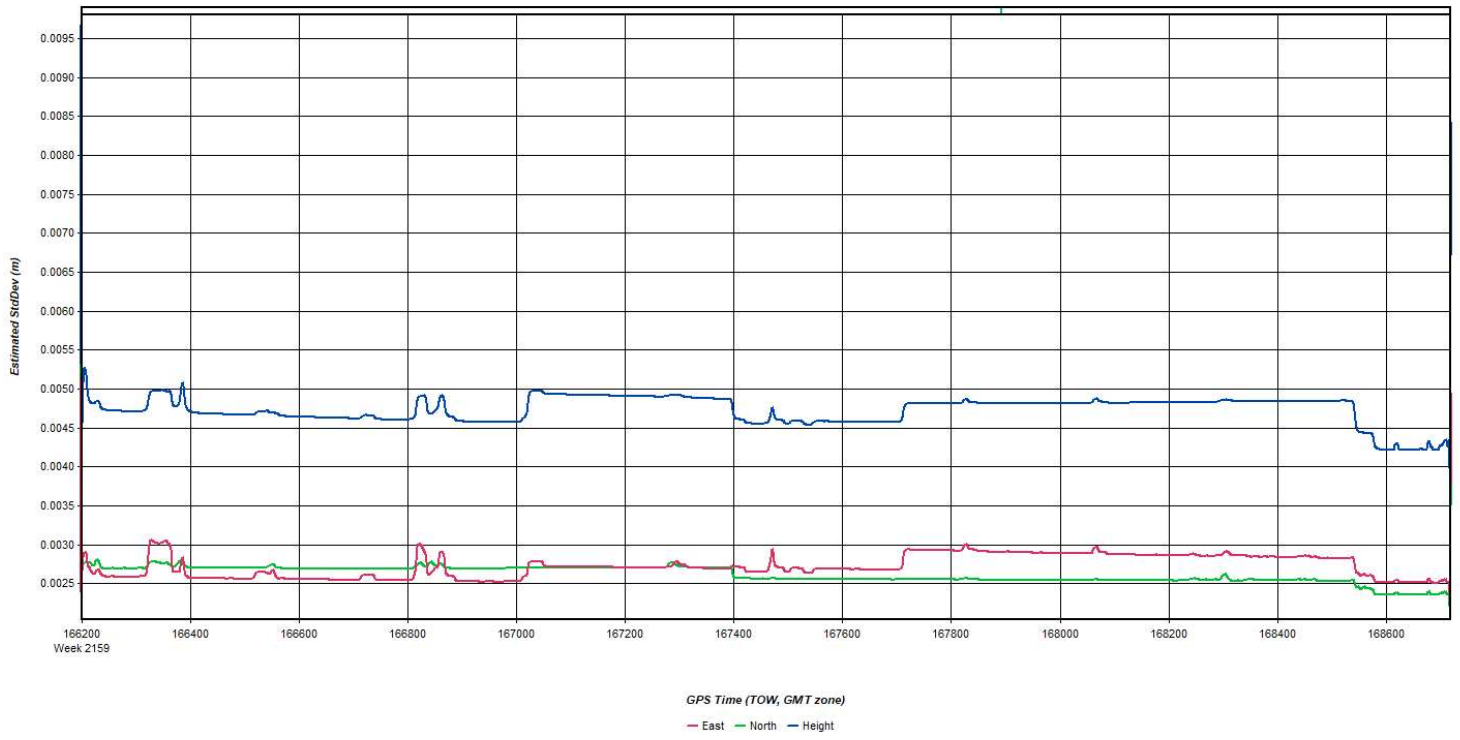
Figure 4: 20210524_220846_36b [Smoothed TC Combined] - Forward/Reverse Separation Plot (Fixed)



GPS Time (TOW, GMT zone)
 - East - North - Up

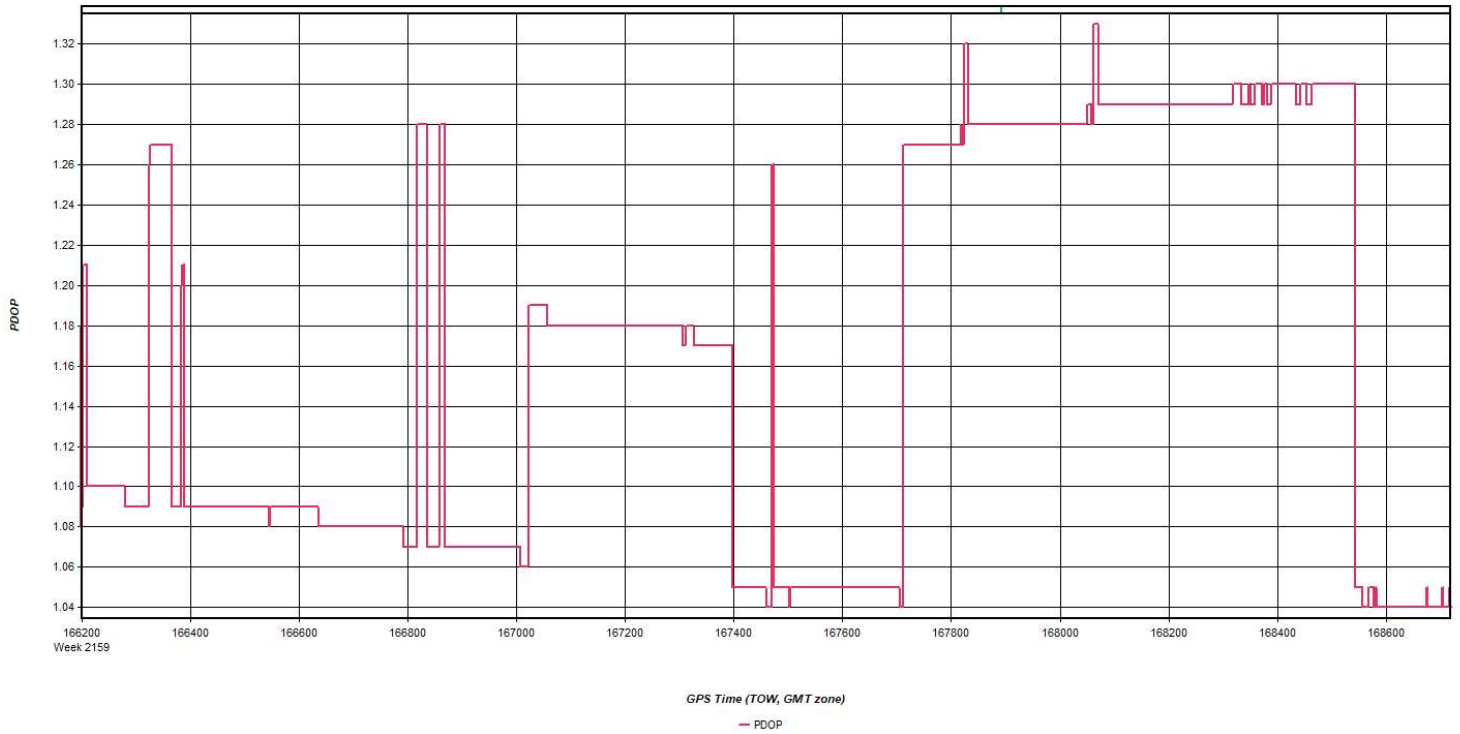
Process	20210524_220846_36b	by Unknown	on 5/28/2021	at 14:35:57
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Figure 5: 20210524_220846_36b [Smoothed TC Combined] - Estimated Position Accuracy Plot



Process	20210524_220846_36b	by Unknown	on 5/28/2021	at 14:35:57
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Figure 6: 20210524_220846_36b [Smoothed TC Combined] - PDOP Plot



Process	20210524_220846_36b	by Unknown	on 5/28/2021	at 14:35:57
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Figure 7: 20210524_220846_36b [Smoothed TC Combined] - Number of Satellites Line Plot

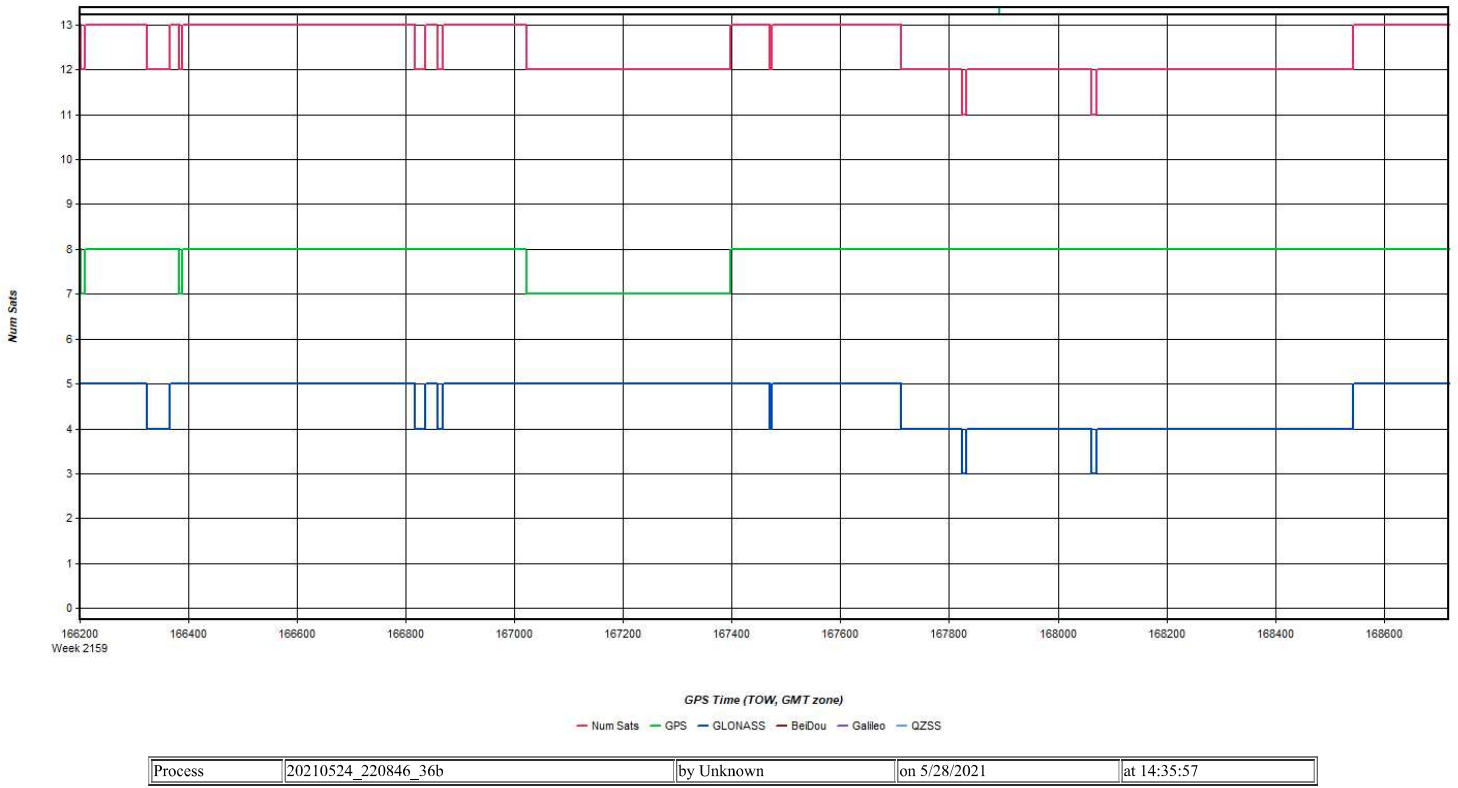


Figure 8: 20210524_220846_36b [Smoothed TC Combined] - Status flag for IMU processing

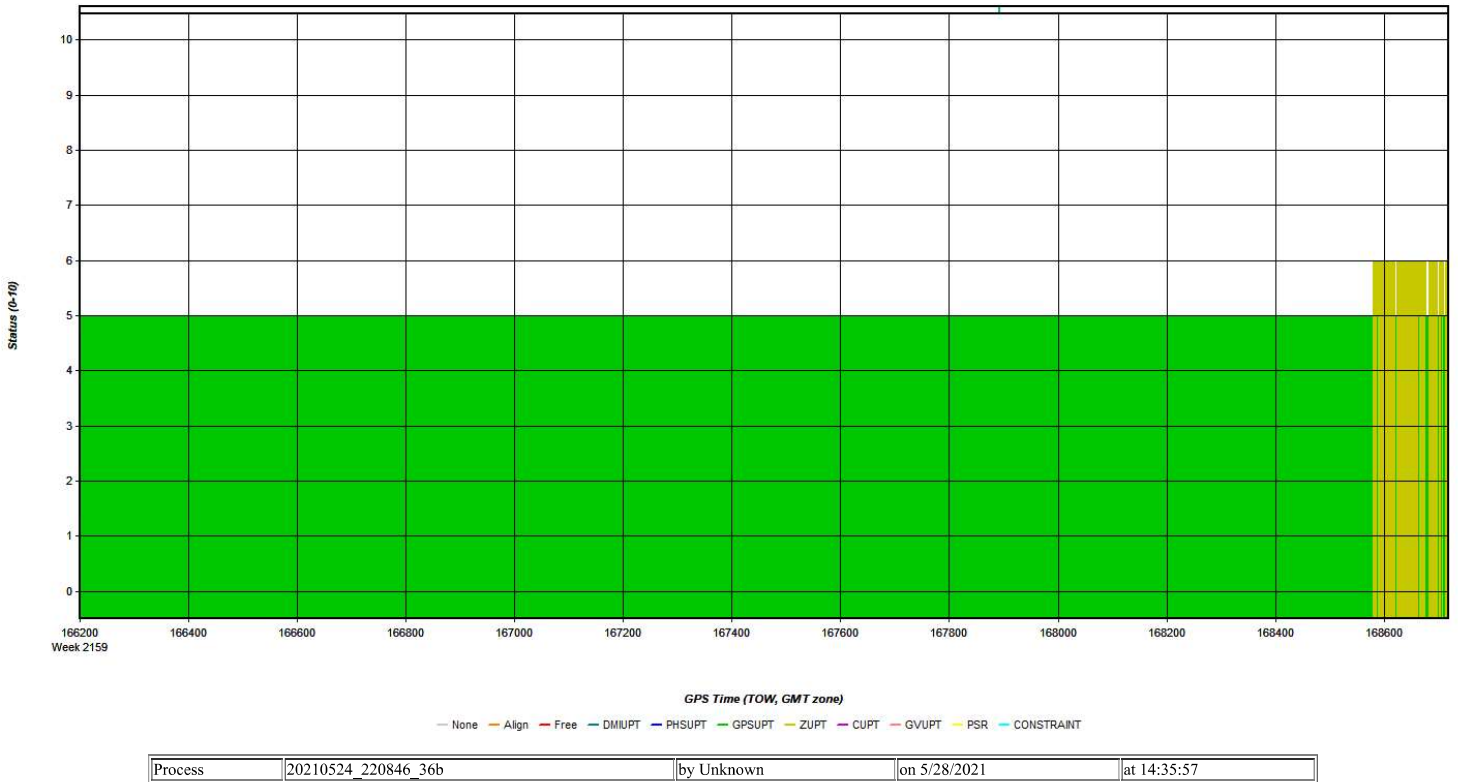
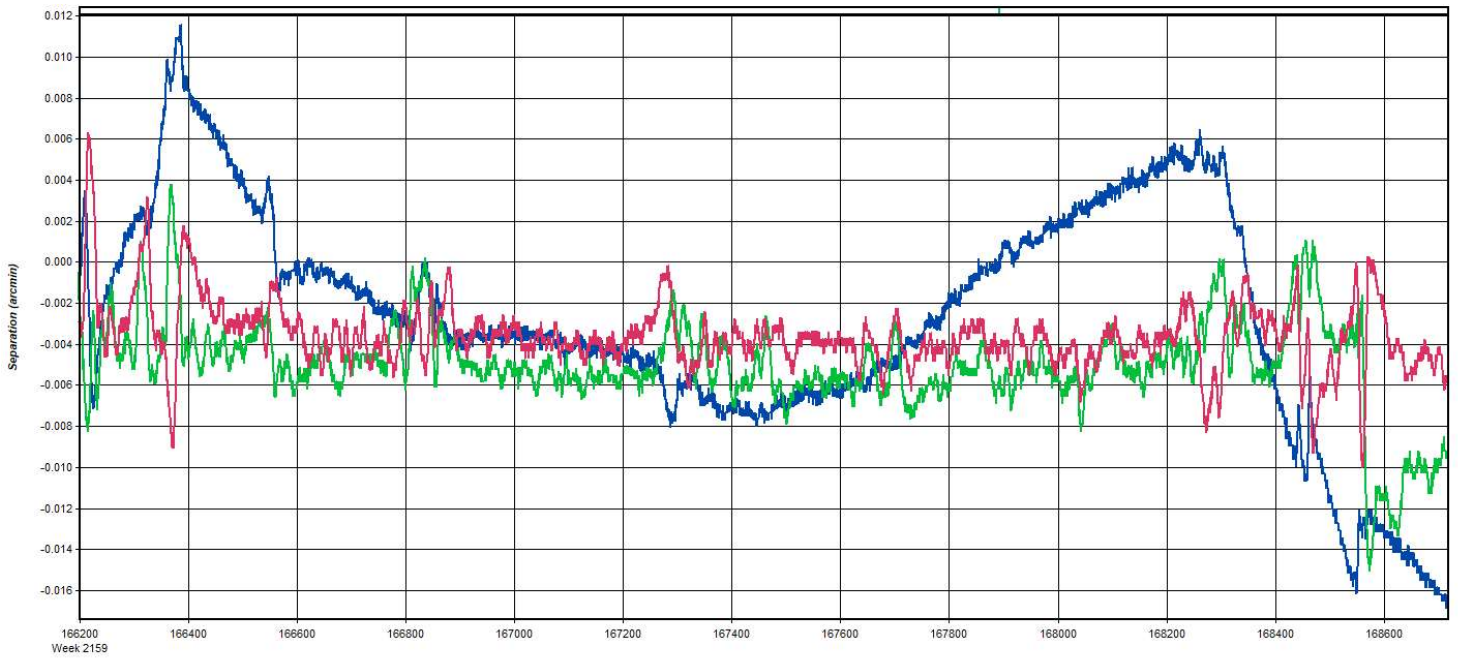


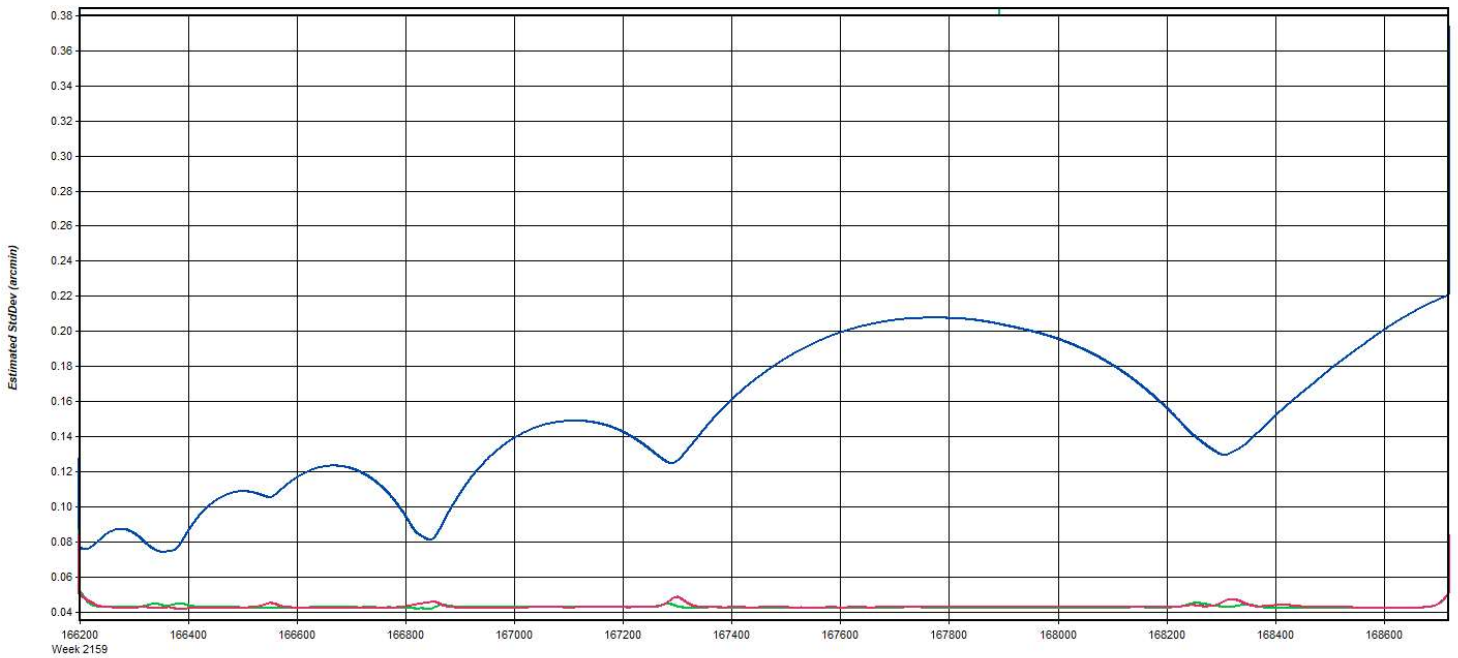
Figure 9: 20210524_220846_36b [Smoothed TC Combined] - Fwd/Rev Attitude Separation Plot



GPS Time (TOW, GMT zone)
 - Roll - Pitch - Heading/Az

Process	20210524_220846_36b	by Unknown	on 5/28/2021	at 14:35:57
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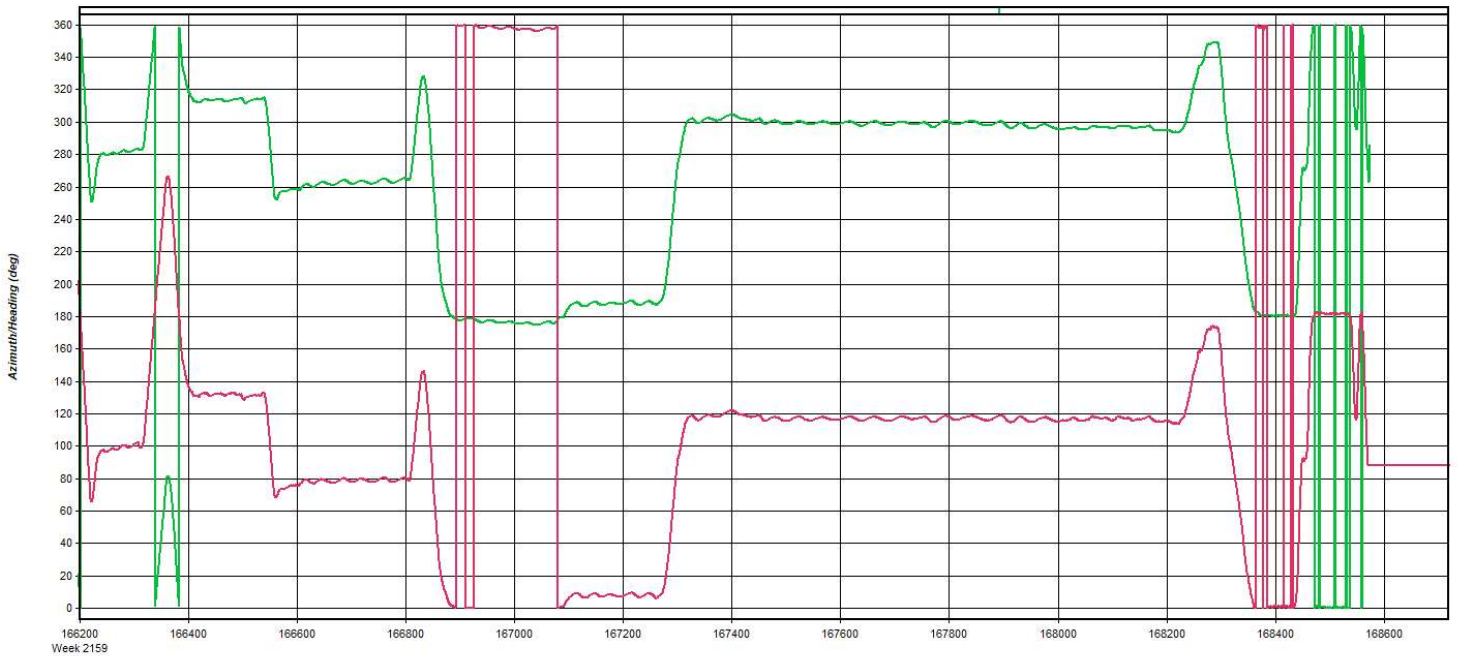
Figure 10: 20210524_220846_36b [Smoothed TC Combined] - Estimated Attitude Accuracy Plot



GPS Time (TOW, GMT zone)
 - Roll - Pitch - Heading/Az

Process	20210524_220846_36b	by Unknown	on 5/28/2021	at 14:35:57
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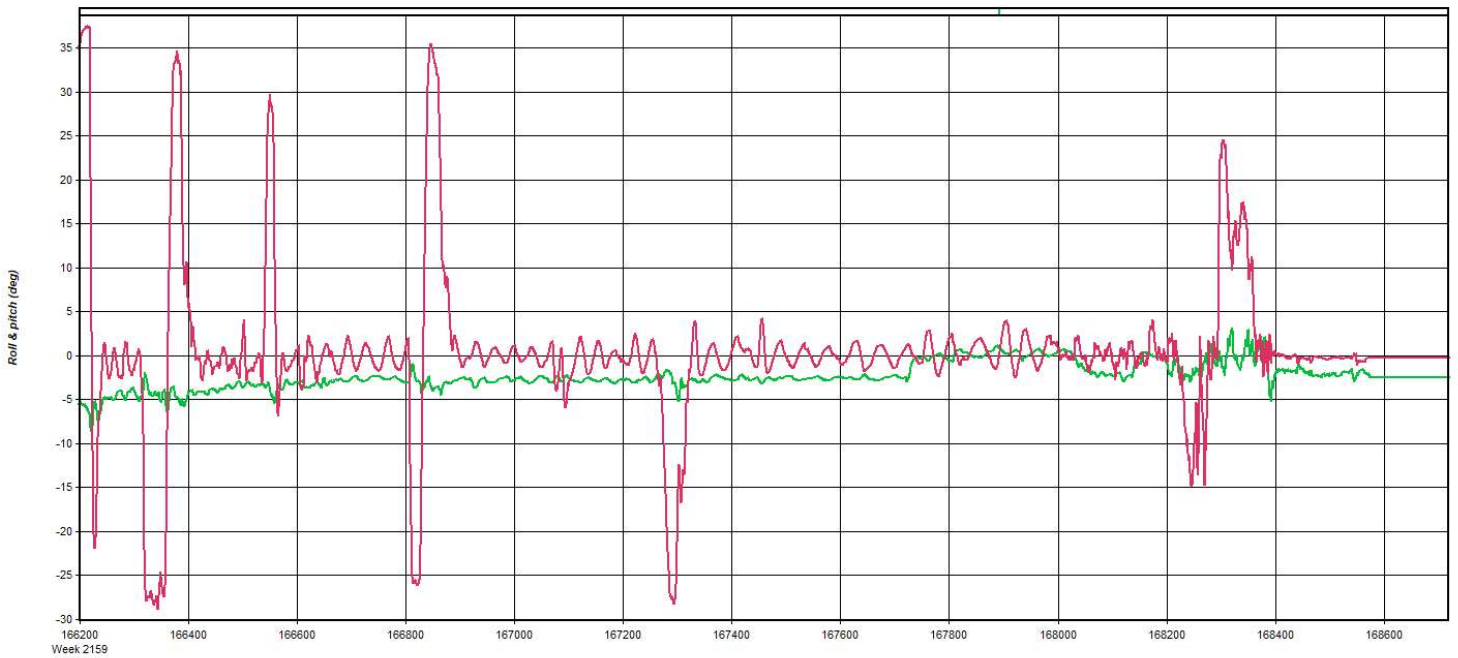
Figure 11: 20210524_220846_36b [Smoothed TC Combined] - Azimuth Plot



GPS Time (TOW, GMT zone)
 - Heading/Azimuth - GPS-COG

Process	20210524_220846_36b	by Unknown	on 5/28/2021	at 14:35:57
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Figure 12: 20210524_220846_36b [Smoothed TC Combined] - Roll & Pitch Plot



GPS Time (TOW, GMT zone)
 - Roll - Pitch

Process	20210524_220846_36b	by Unknown	on 5/28/2021	at 14:35:57
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Figure 13: 20210524_220846_36b [Smoothed TC Combined] - Velocity Profile Plot

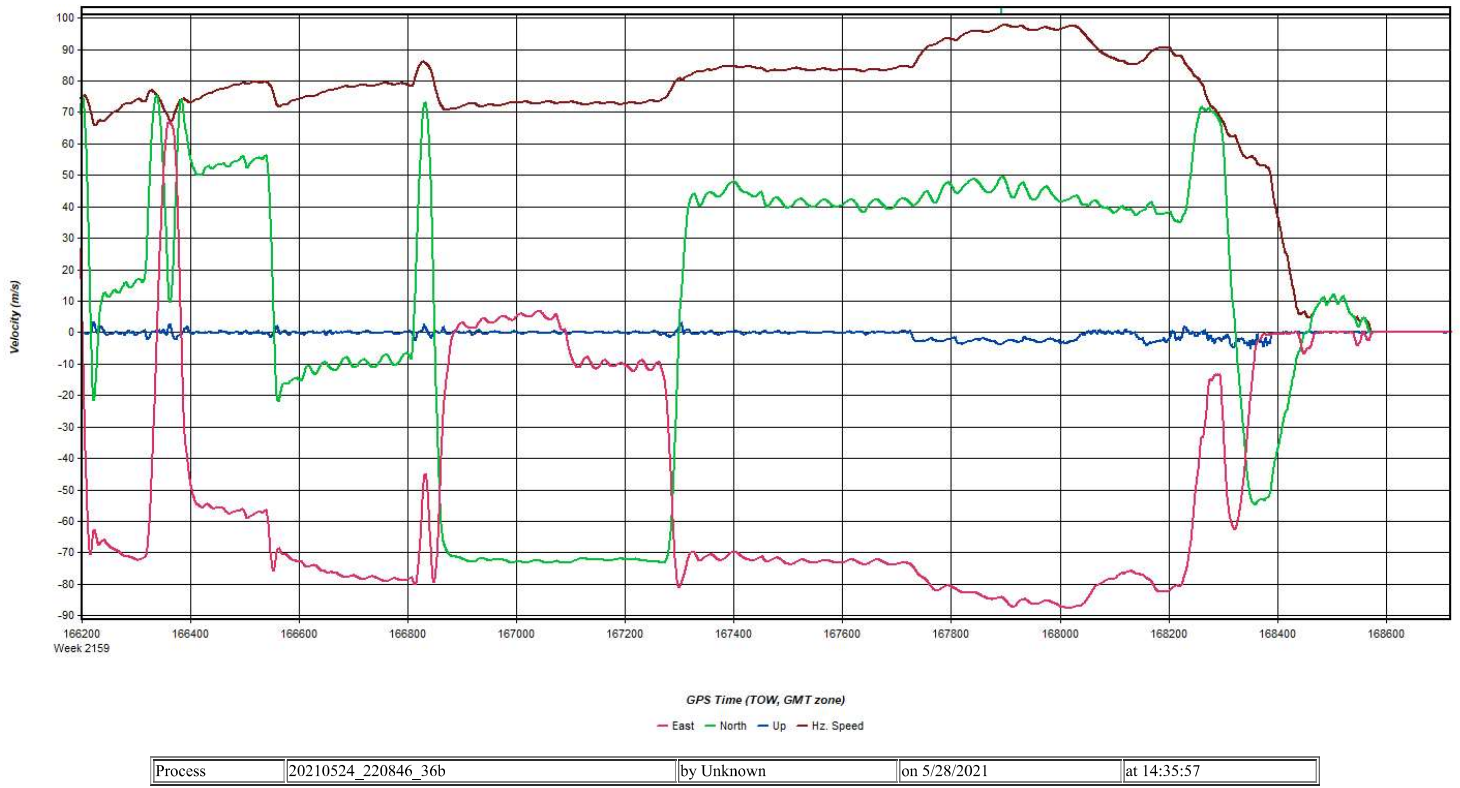


Figure 14: 20210524_220846_36b [Smoothed TC Combined] - Body Frame Velocity Plot

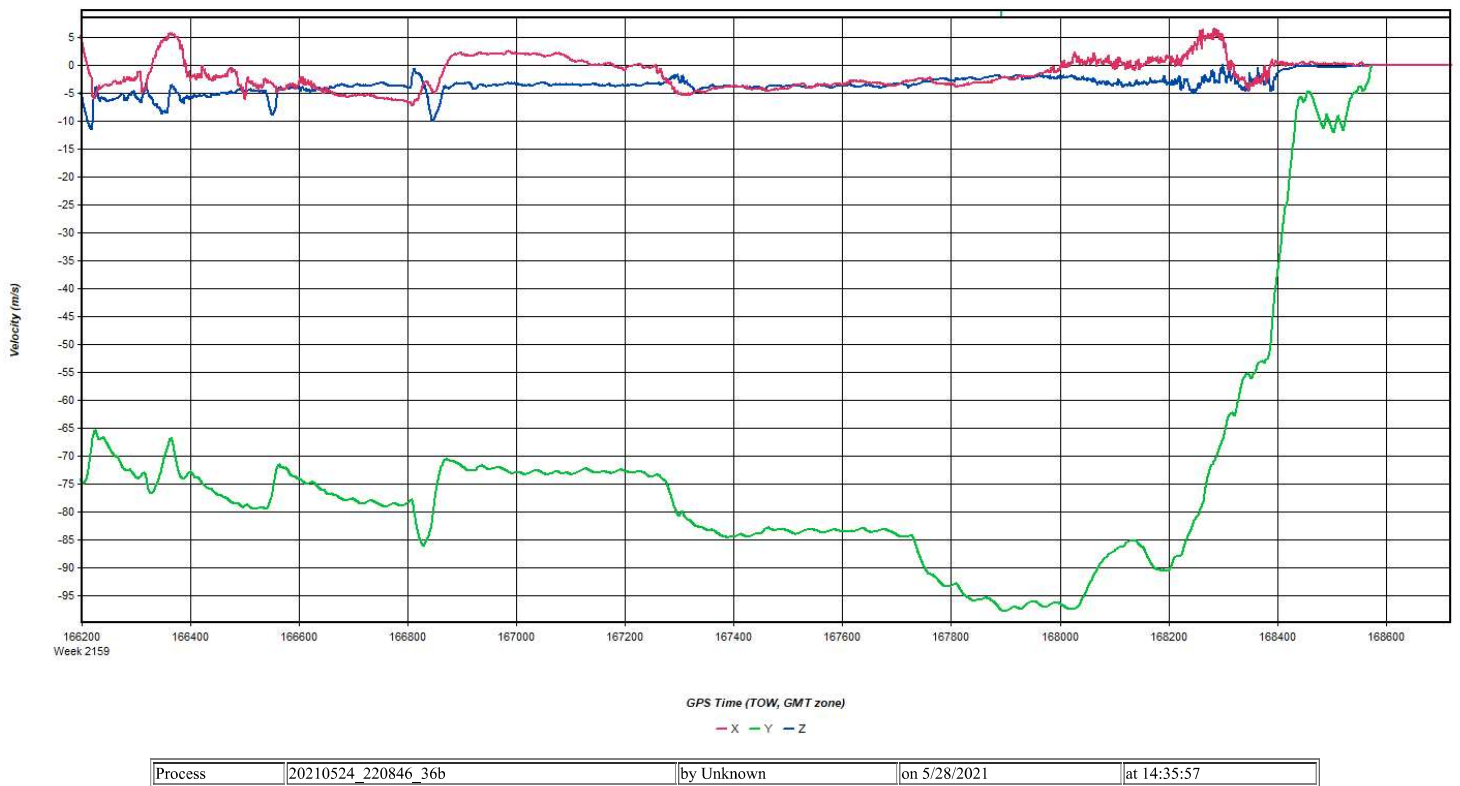


Figure 15: 20210524_220846_36b [Smoothed TC Combined] - Height Profile Plot

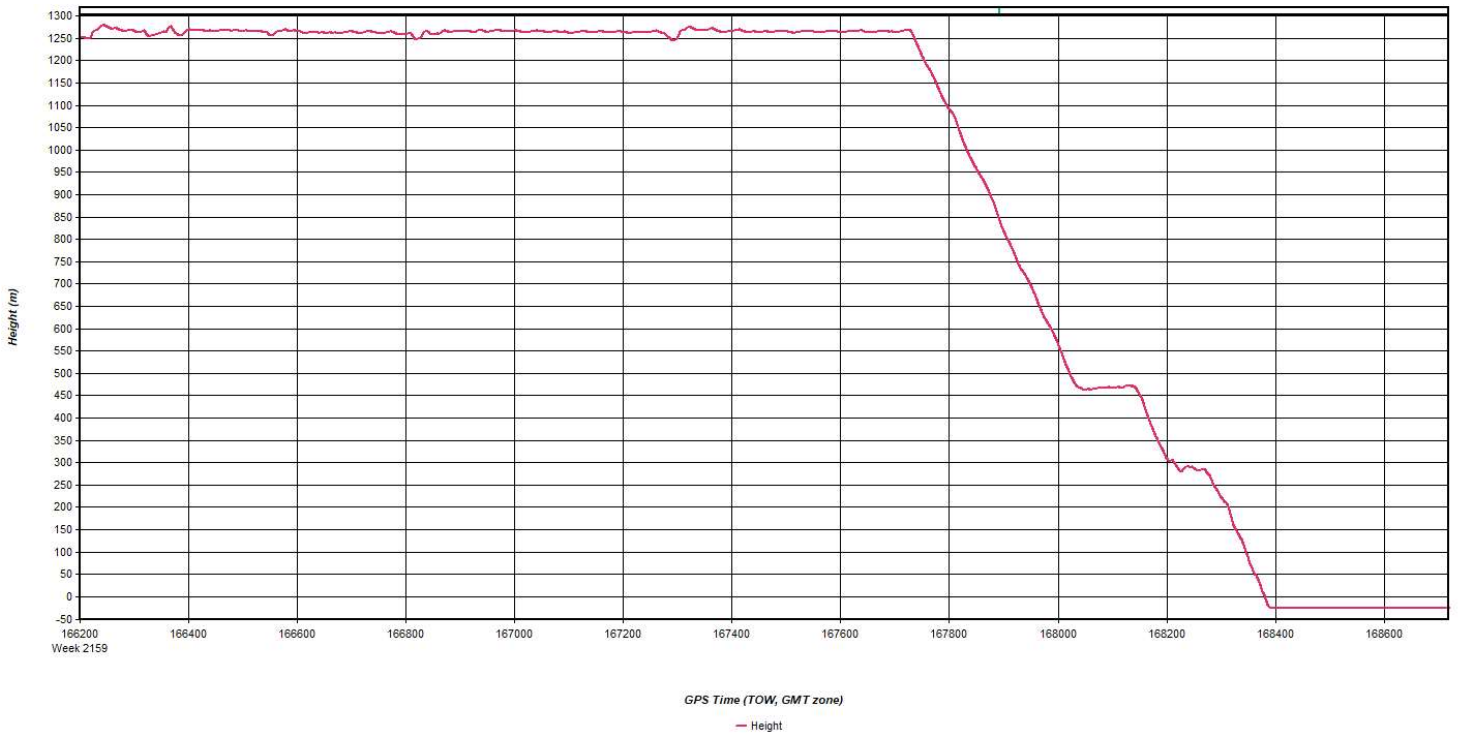


Figure 16: 20210524_220846_36b [Smoothed TC Combined] - C/A Code Residual RMS Plot



Figure 17: 20210524_220846_36b [Smoothed TC Combined] - Carrier Residual RMS Plot

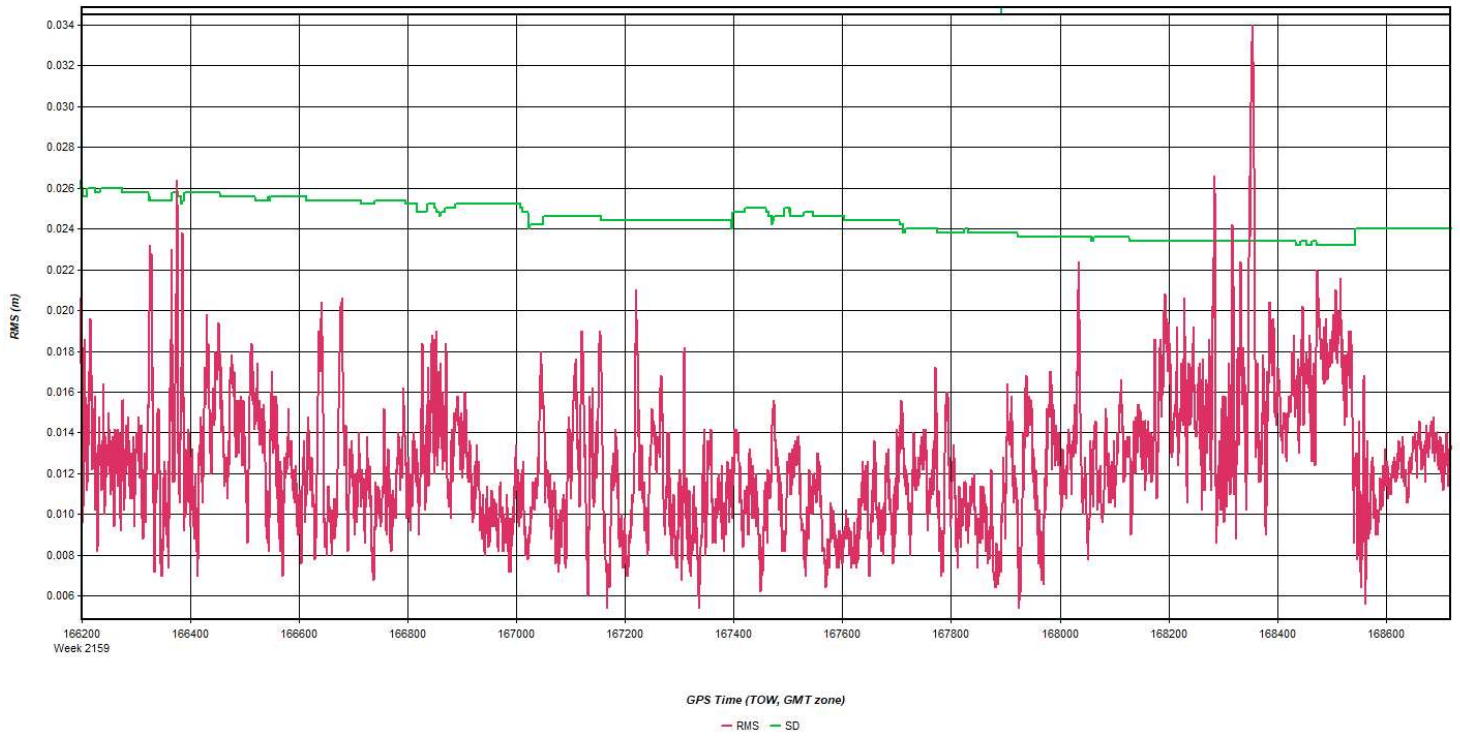


Figure 18: 20210524_220846_36b [Smoothed TC Combined] - L1 Doppler Residual RMS Plot

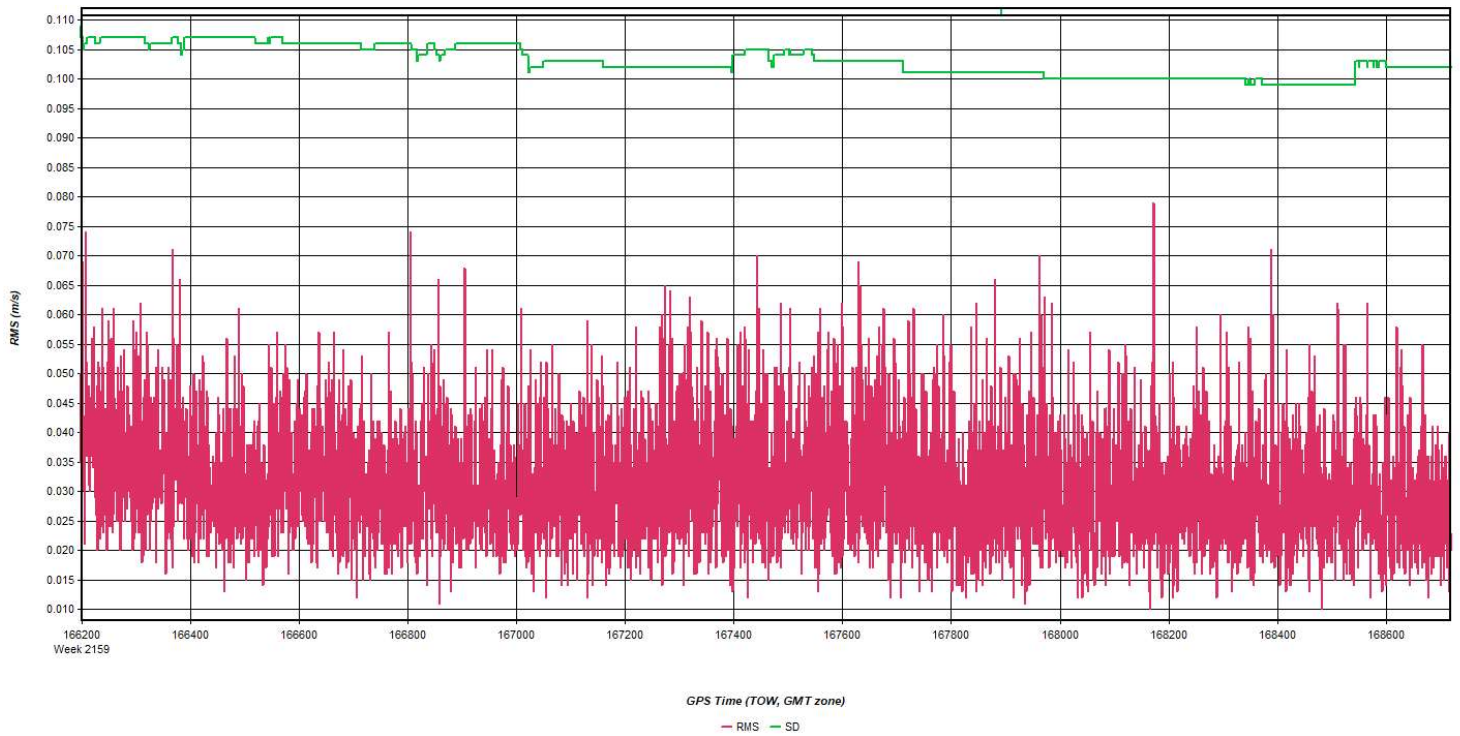
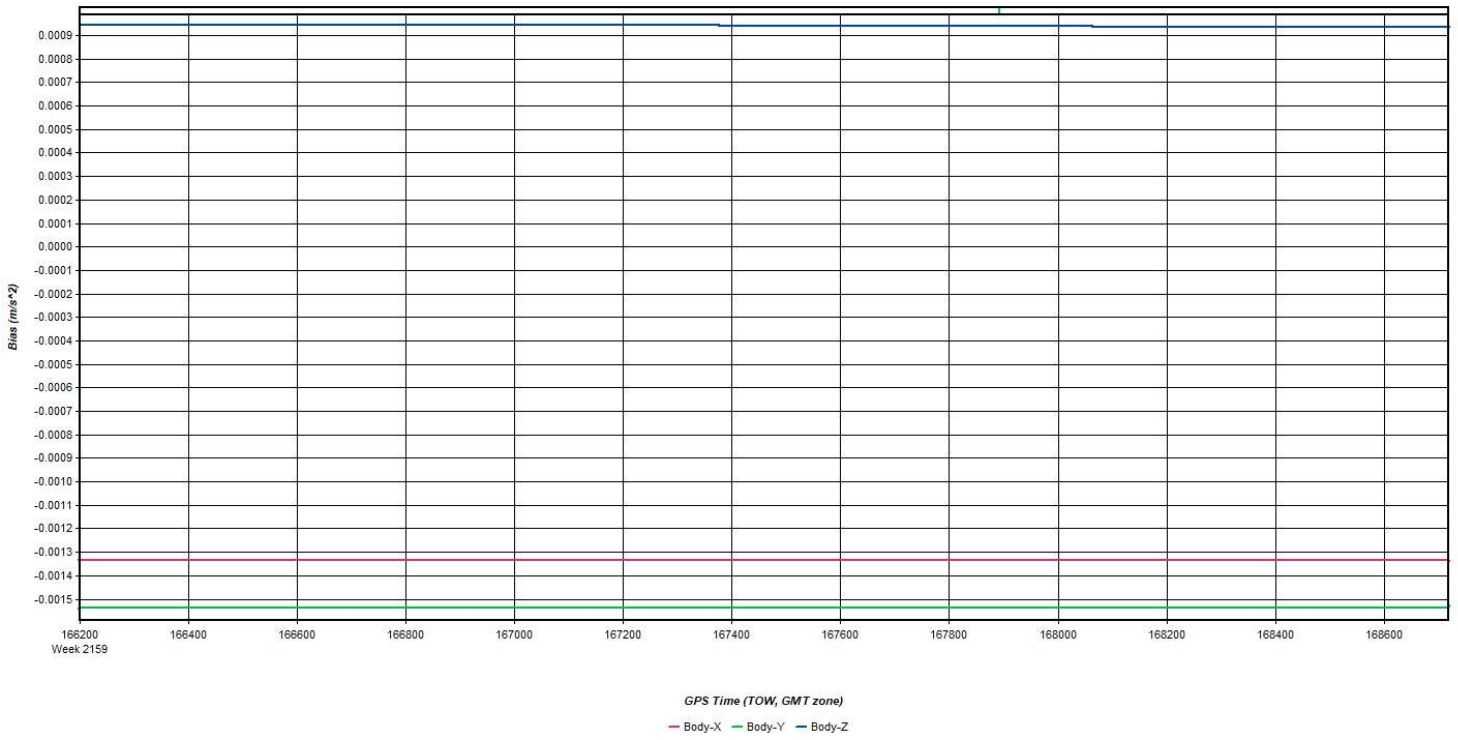
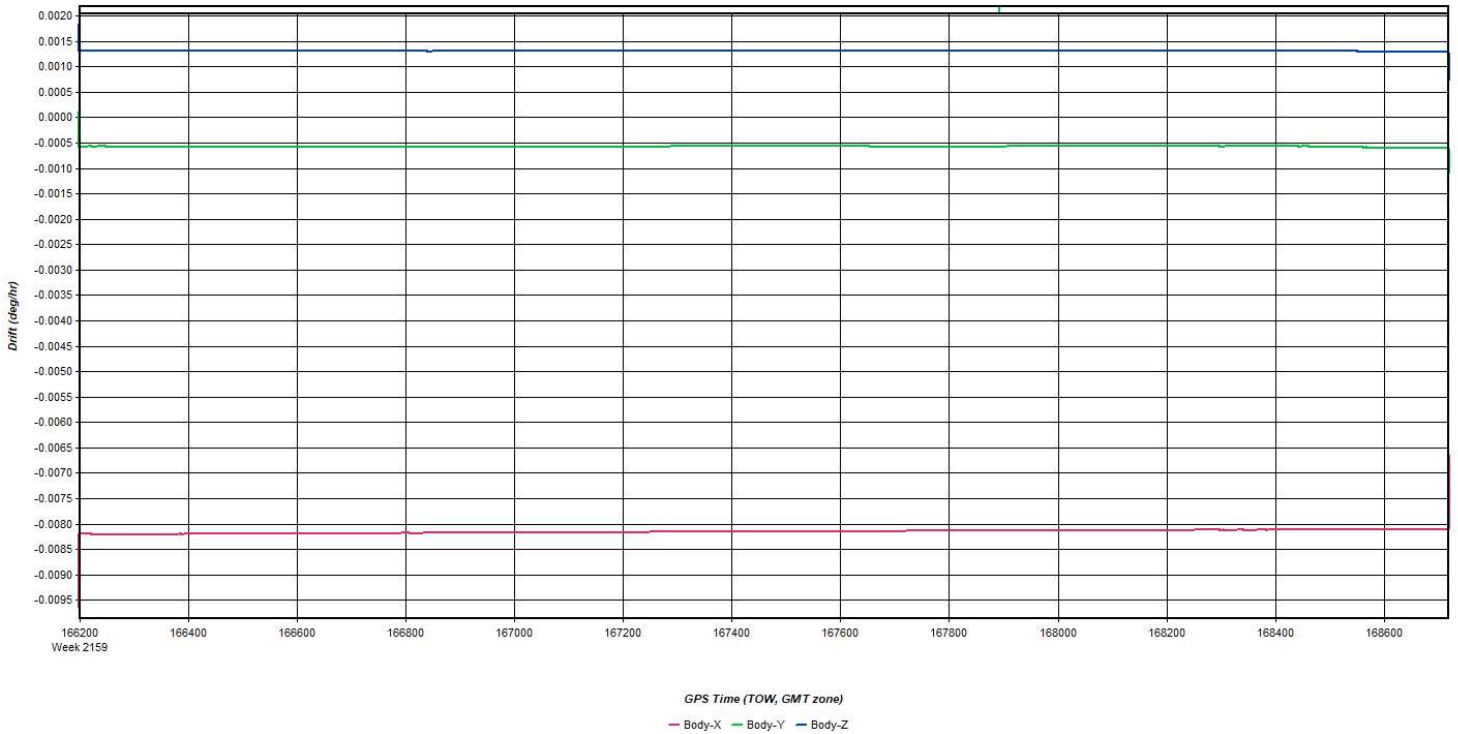


Figure 19: 20210524_220846_36b [Smoothed TC Combined] - Accelerometer Bias Plot



Process	20210524_220846_36b	by Unknown	on 5/28/2021	at 14:35:57
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Figure 20: 20210524_220846_36b [Smoothed TC Combined] - Gyro Drift Plot



Process	20210524_220846_36b	by Unknown	on 5/28/2021	at 14:35:57
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Output Results for 20210525_033237_37

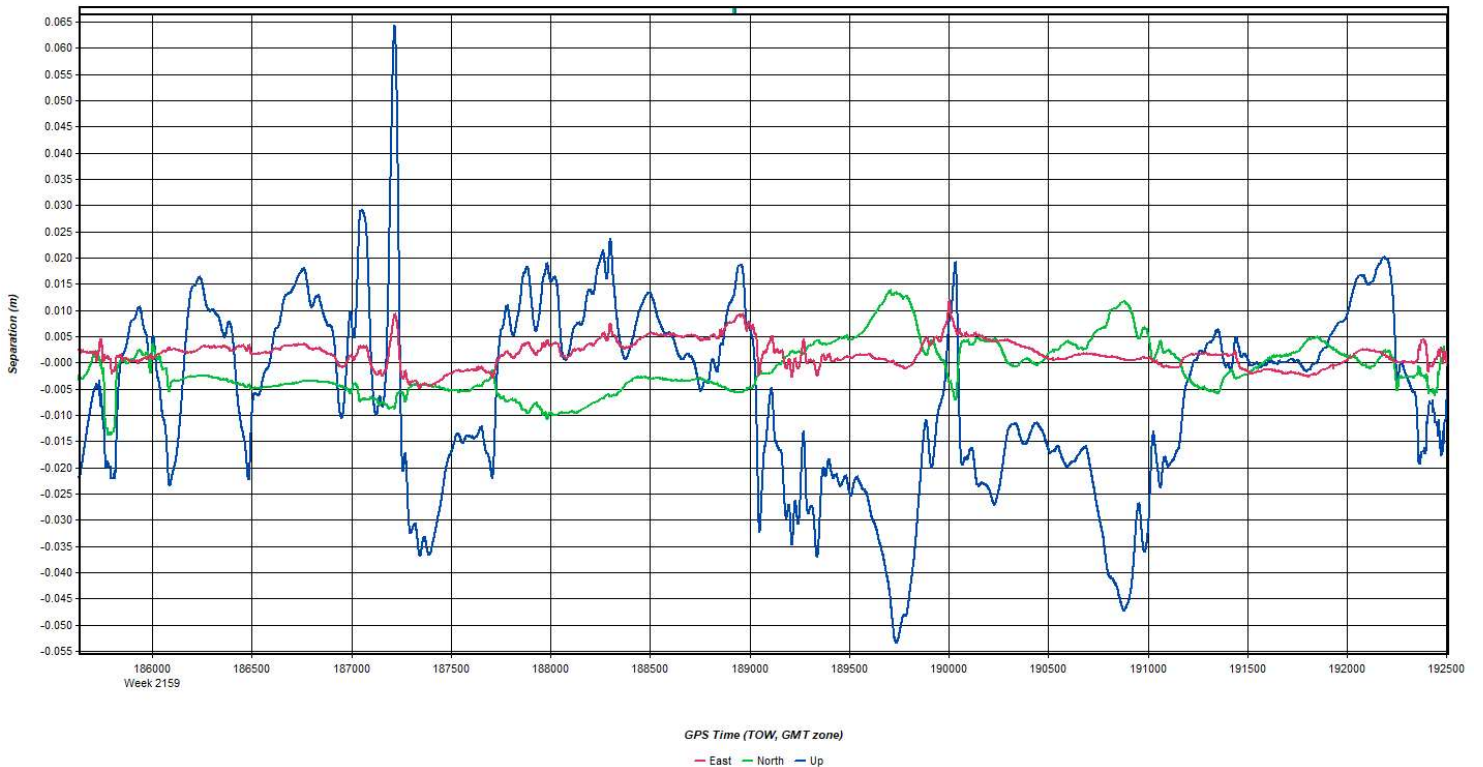
Inertial Explorer Version 8.90.2124
05/28/2021

Figure 1: Smoothed TC Combined - Map



Process	20210525_033237_37	by Unknown	on 5/28/2021	at 16:34:51
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Figure 2: 20210525_033237_37 [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot



Process	20210525_033237_37	by Unknown	on 5/28/2021	at 16:34:51
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Figure 3: 20210525_033237_37 [Smoothed TC Combined] - Float or Fixed Ambiguity

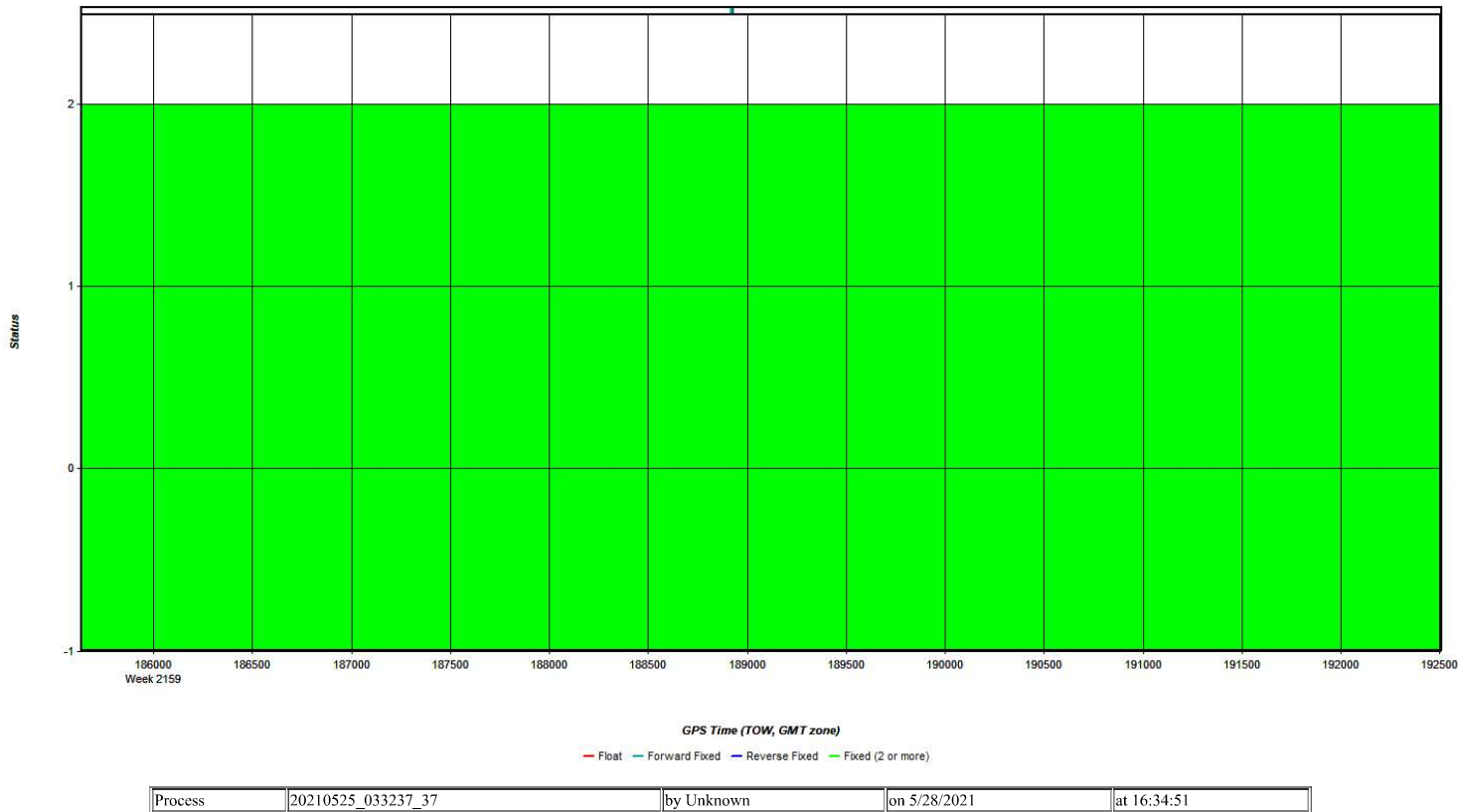


Figure 4: 20210525_033237_37 [Smoothed TC Combined] - Forward/Reverse Separation Plot (Fixed)

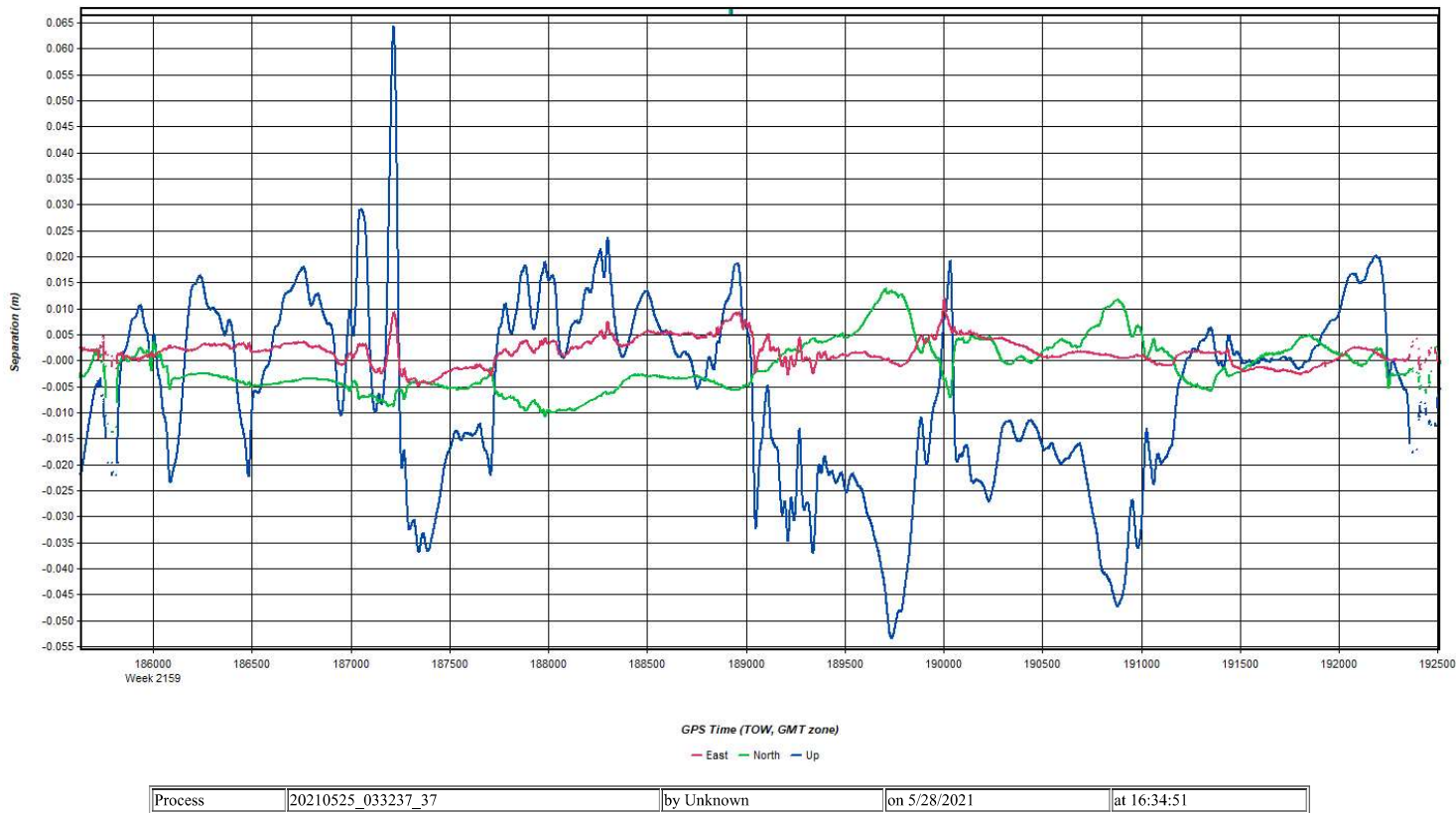
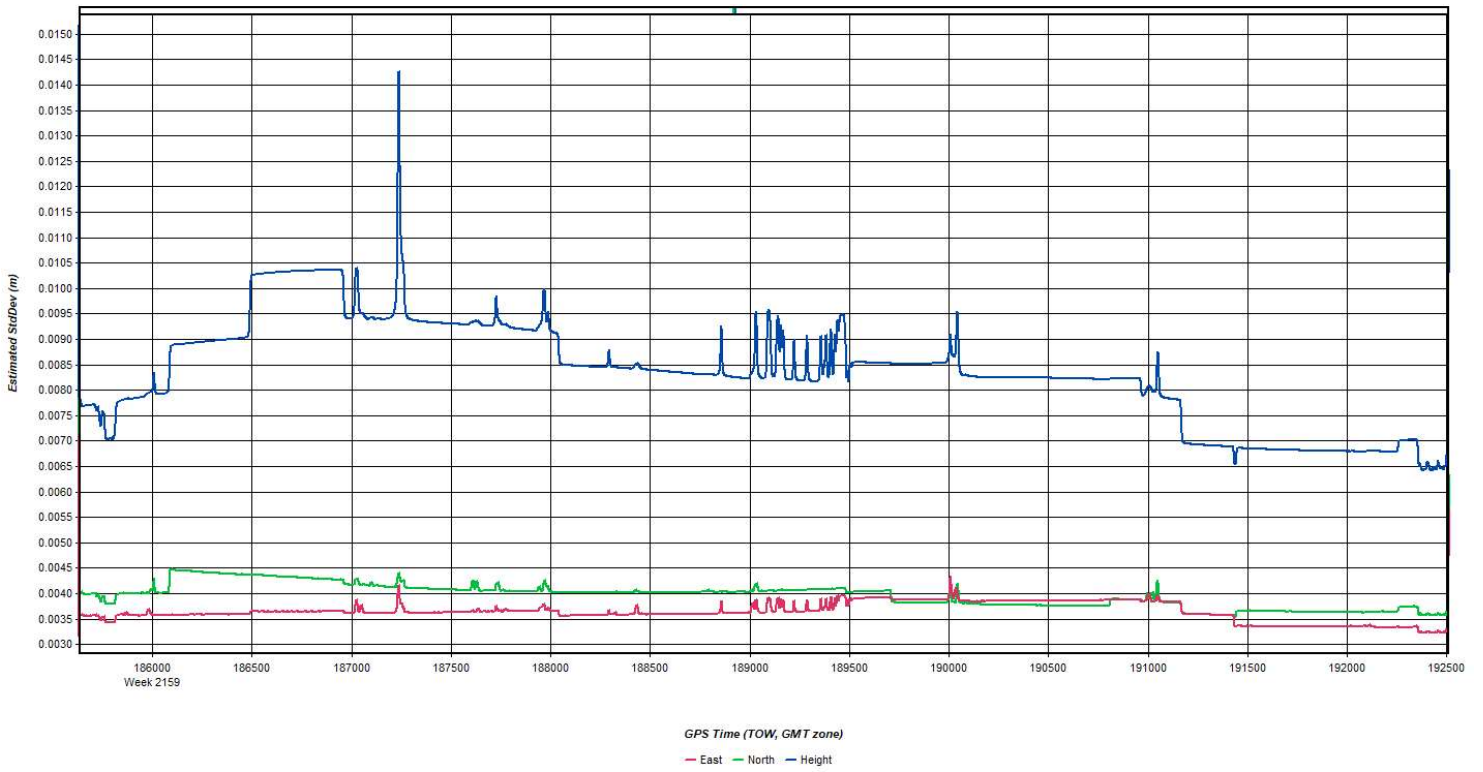
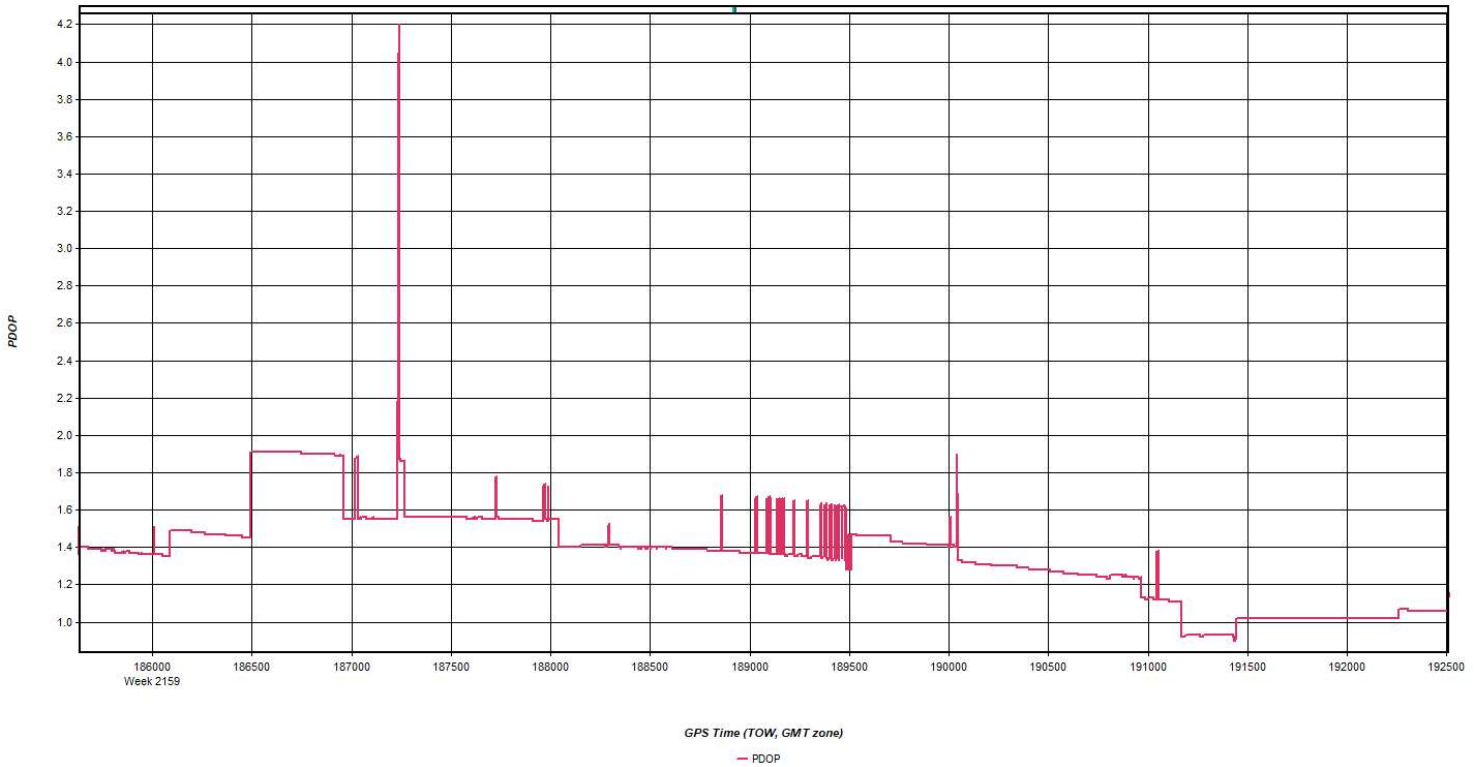


Figure 5: 20210525_033237_37 [Smoothed TC Combined] - Estimated Position Accuracy Plot



Process	20210525_033237_37	by Unknown	on 5/28/2021	at 16:34:51
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Figure 6: 20210525_033237_37 [Smoothed TC Combined] - PDOP Plot



Process	20210525_033237_37	by Unknown	on 5/28/2021	at 16:34:51
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Figure 7: 20210525_033237_37 [Smoothed TC Combined] - Number of Satellites Line Plot

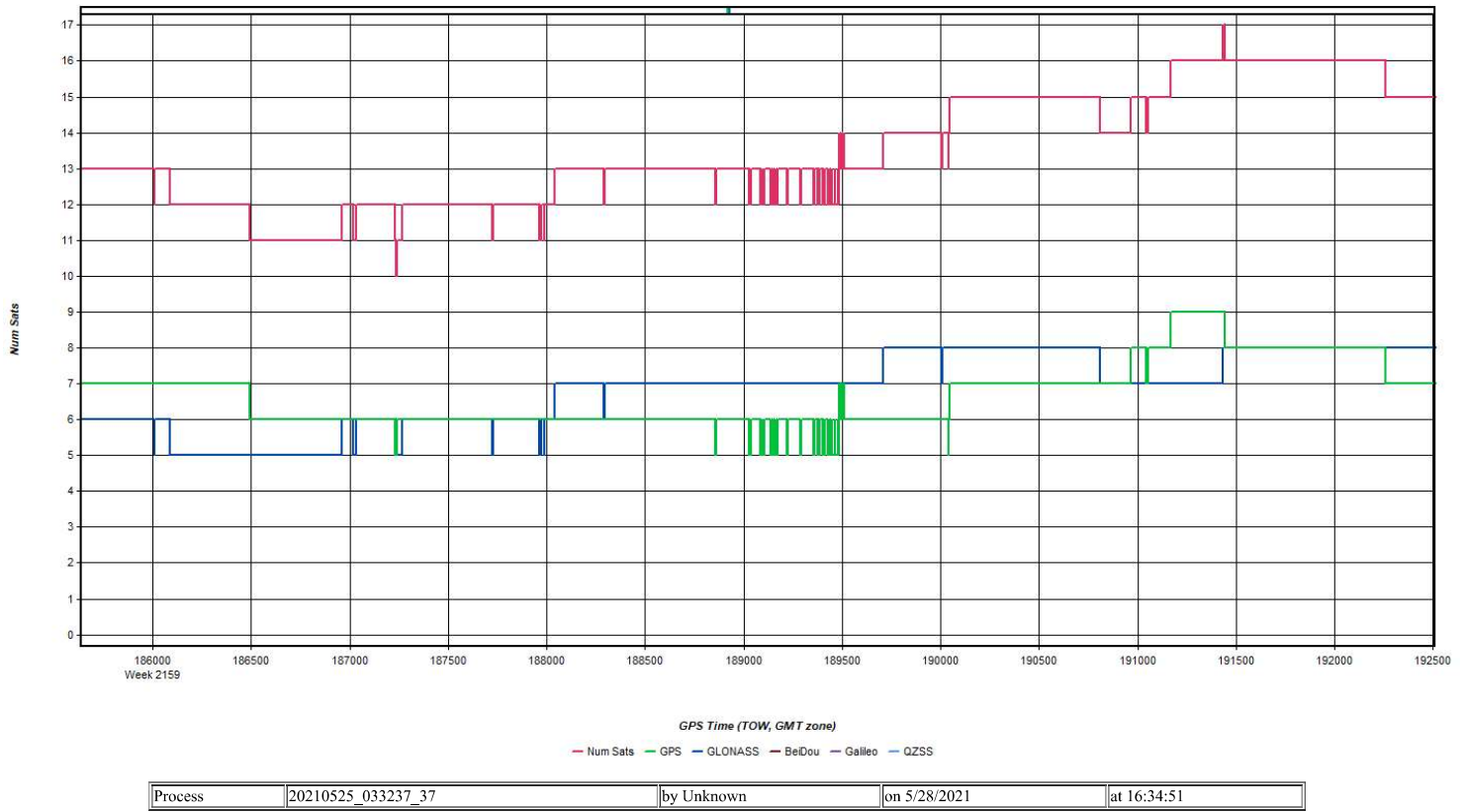


Figure 8: 20210525_033237_37 [Smoothed TC Combined] - Status flag for IMU processing

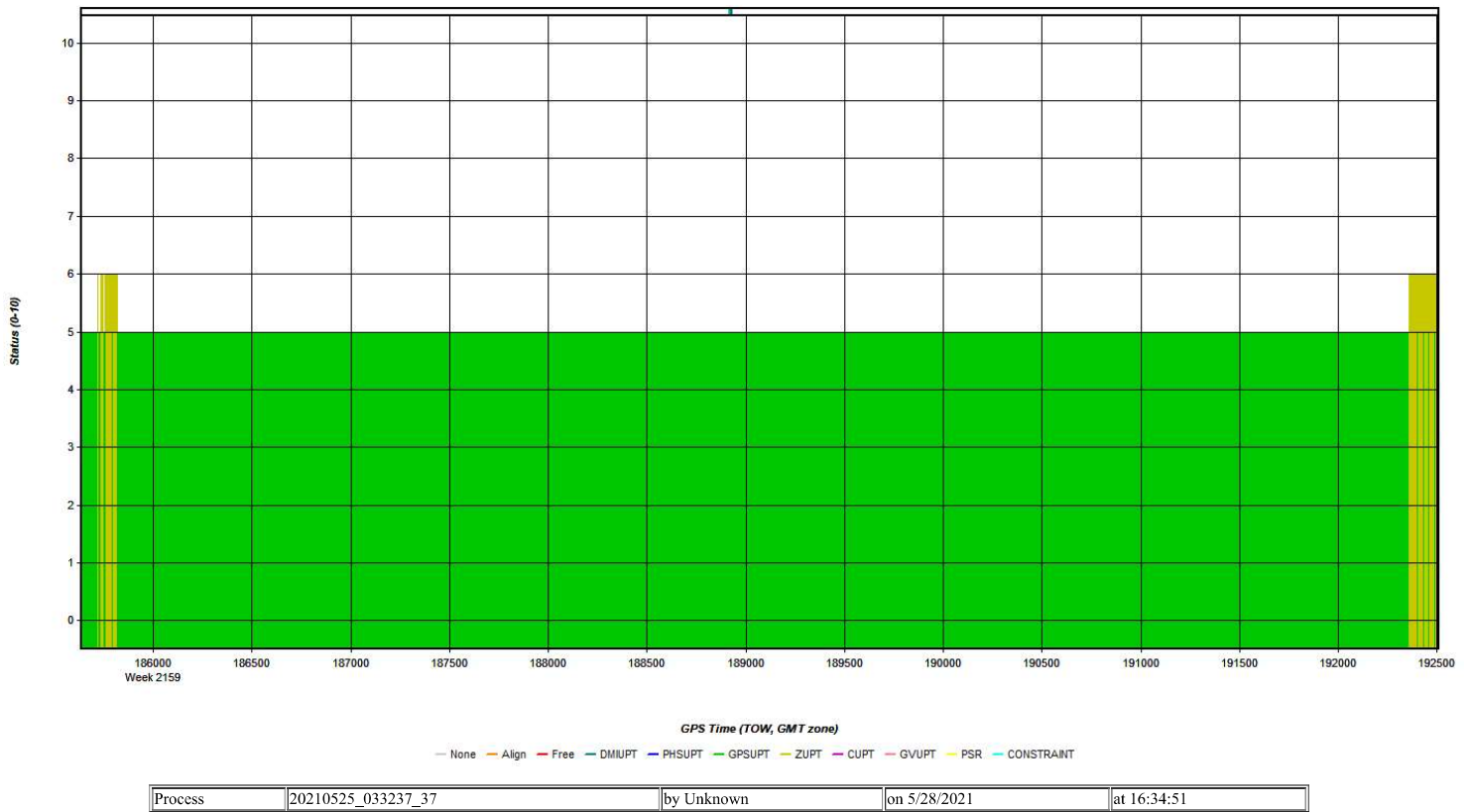


Figure 9: 20210525_033237_37 [Smoothed TC Combined] - Fwd/Rev Attitude Separation Plot

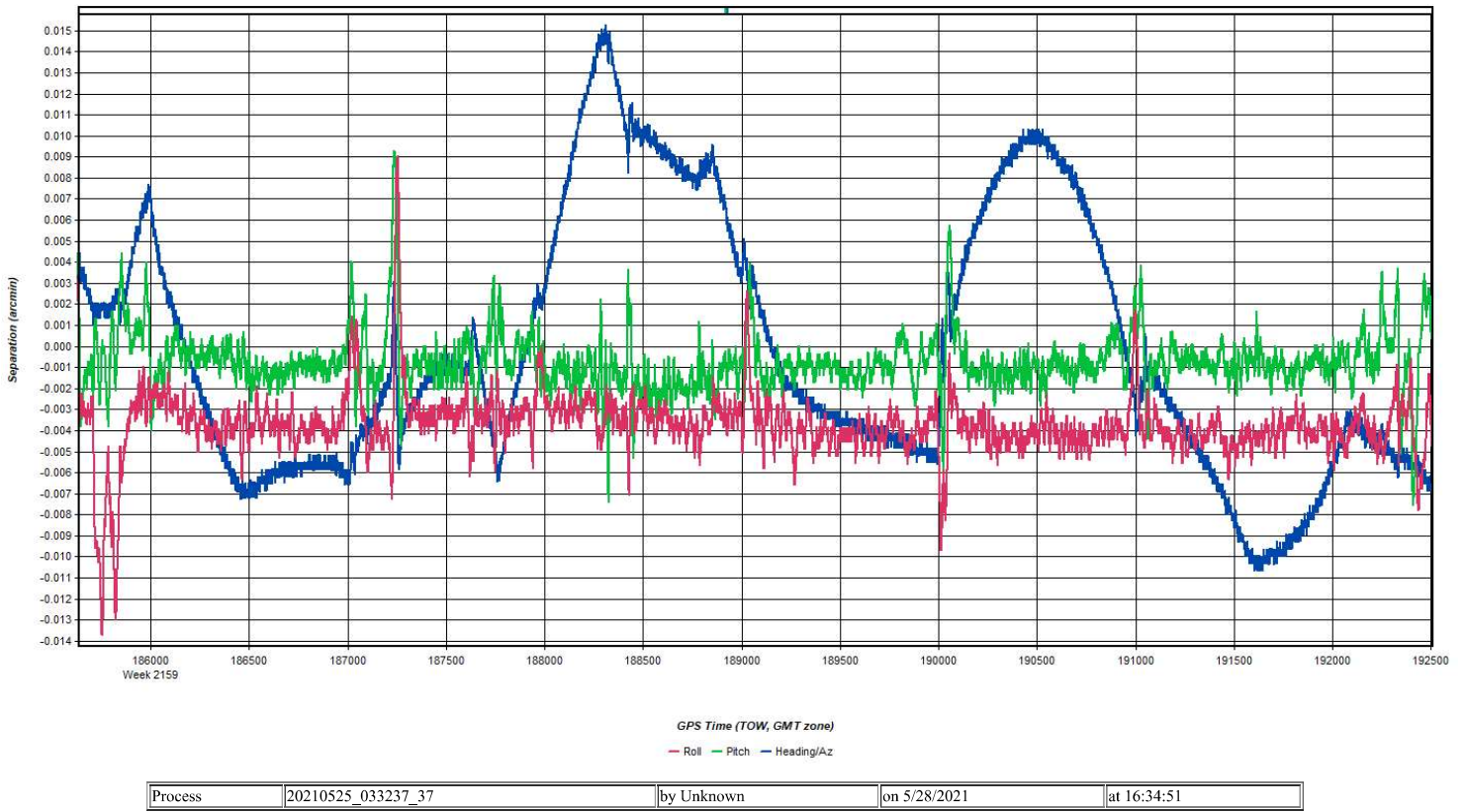


Figure 10: 20210525_033237_37 [Smoothed TC Combined] - Estimated Attitude Accuracy Plot

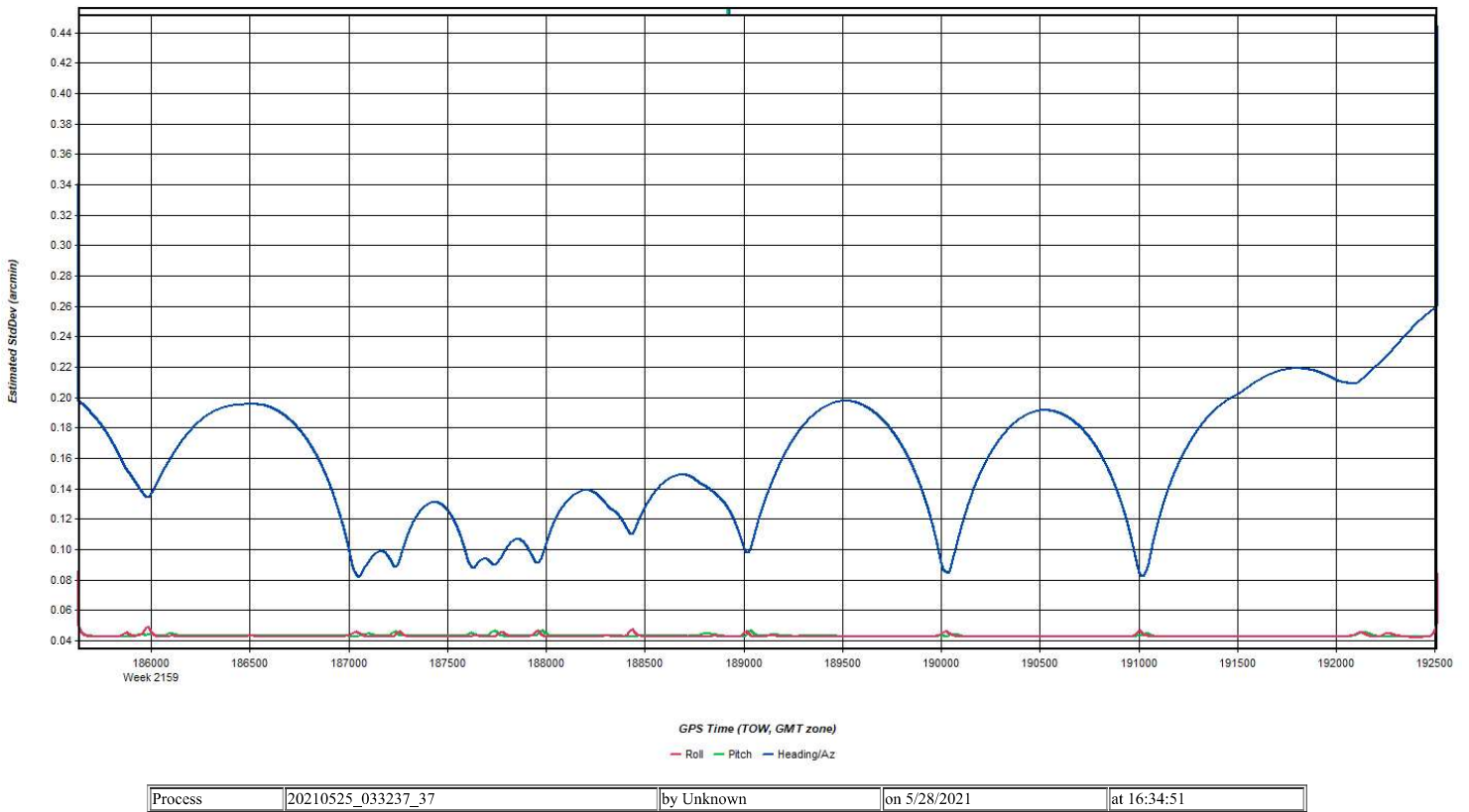


Figure 11: 20210525_033237_37 [Smoothed TC Combined] - Azimuth Plot

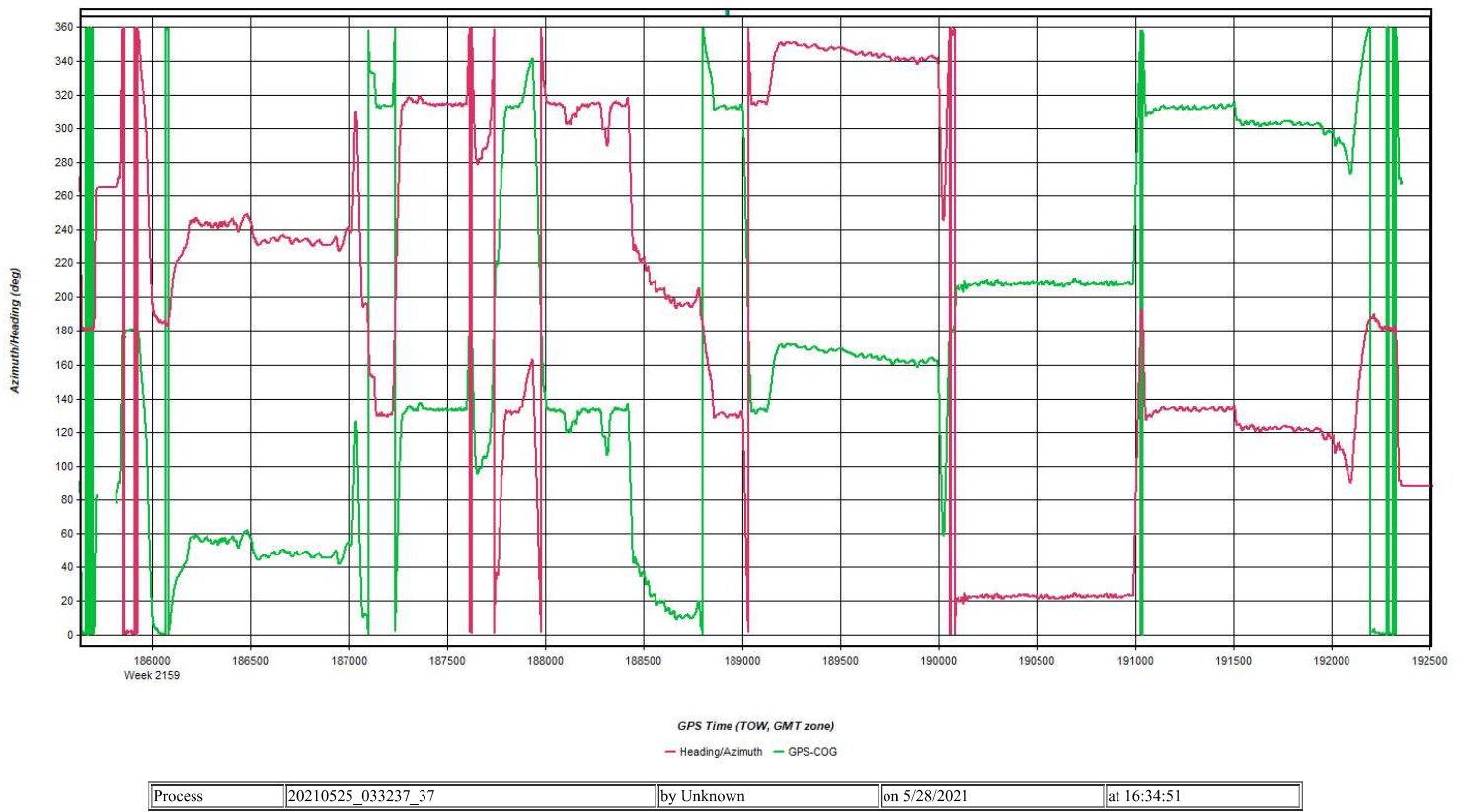


Figure 12: 20210525_033237_37 [Smoothed TC Combined] - Roll & Pitch Plot

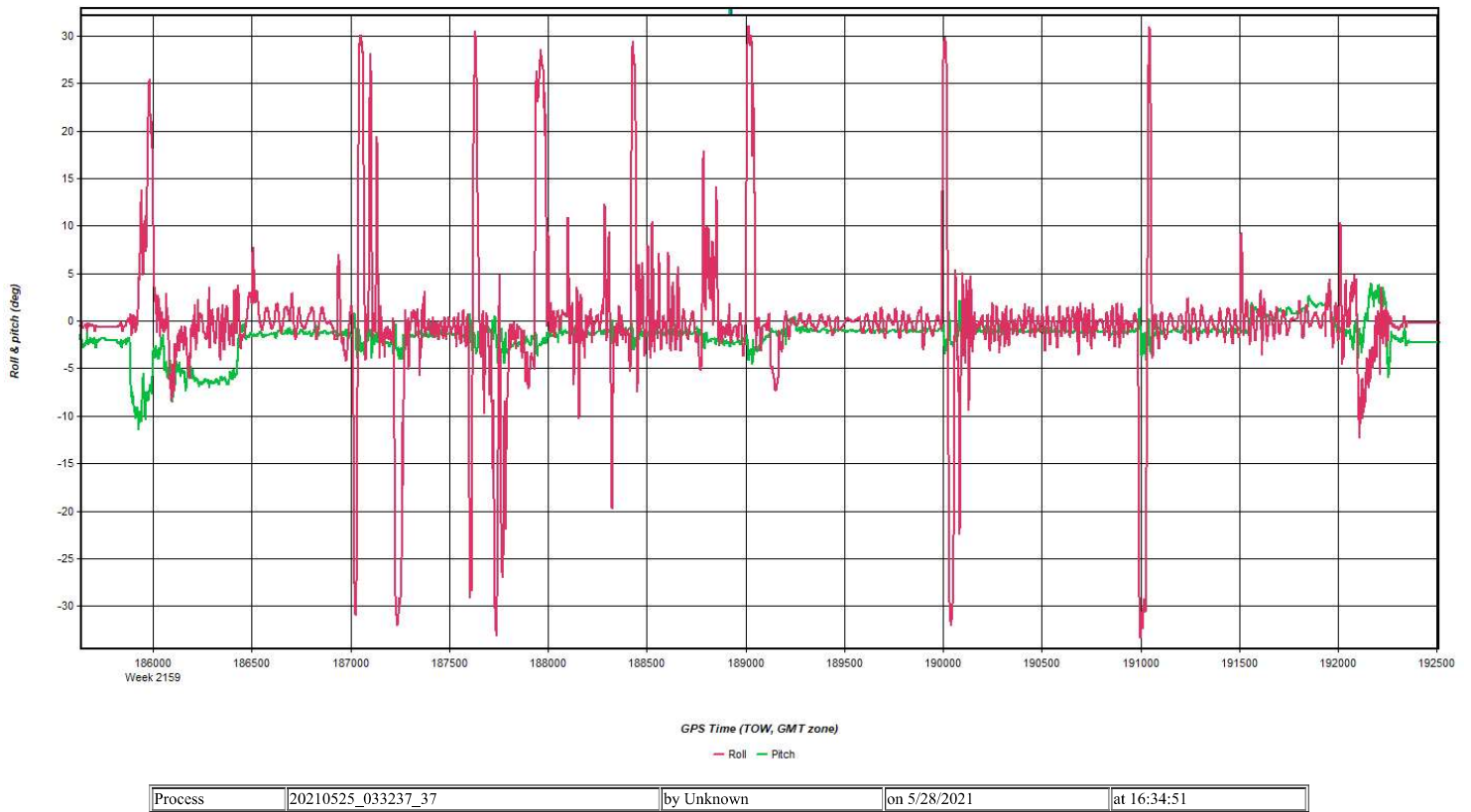


Figure 13: 20210525_033237_37 [Smoothed TC Combined] - Velocity Profile Plot

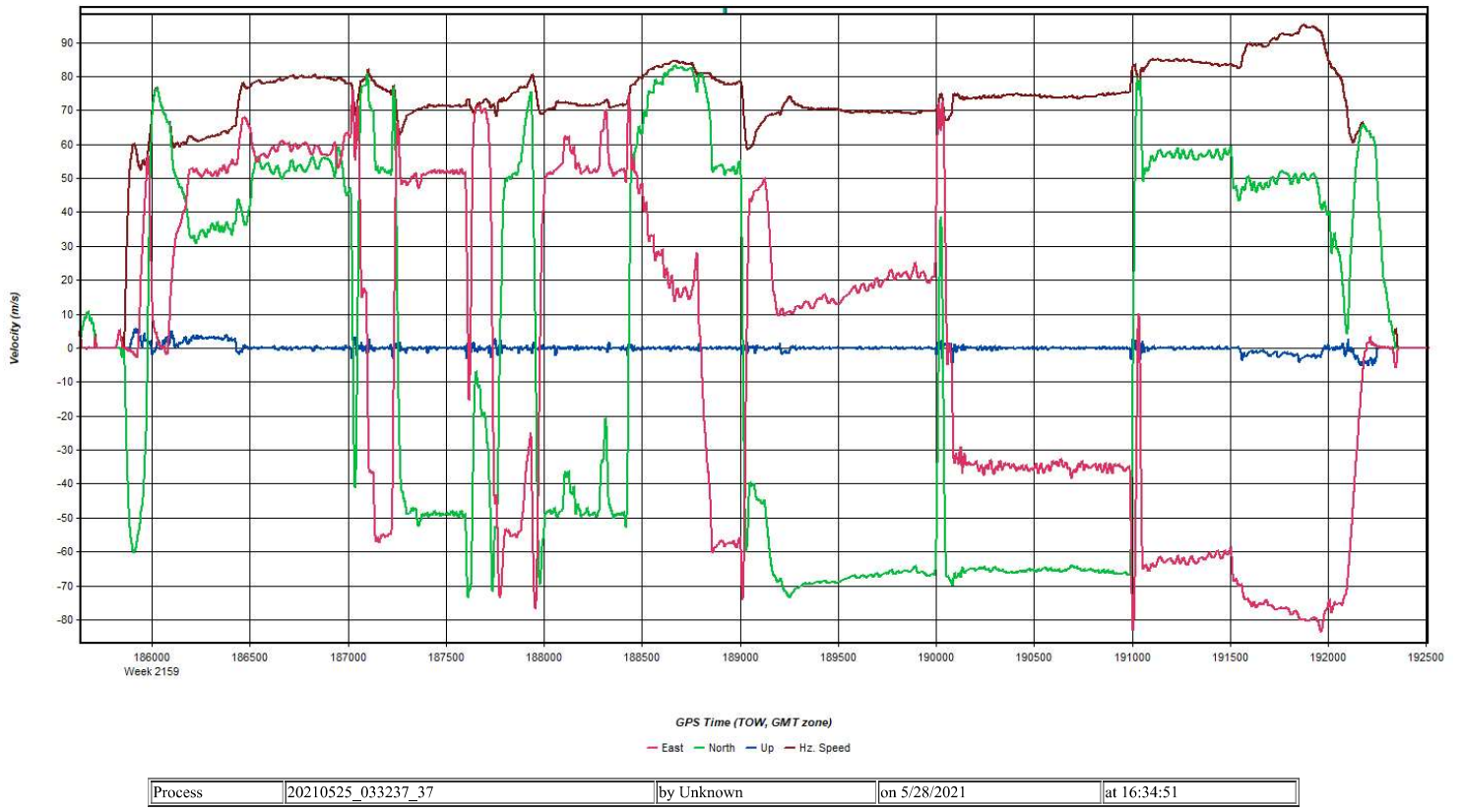


Figure 14: 20210525_033237_37 [Smoothed TC Combined] - Body Frame Velocity Plot

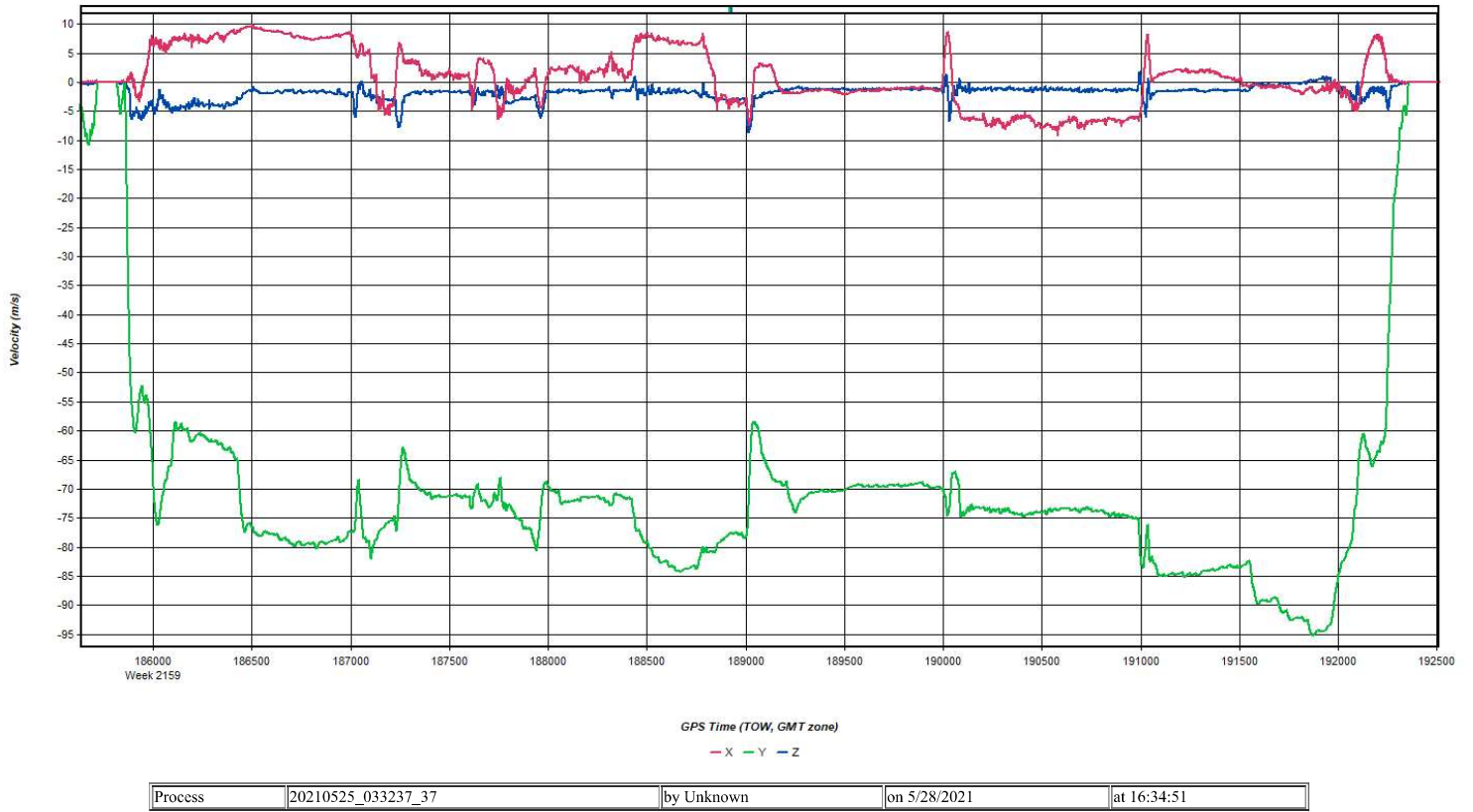
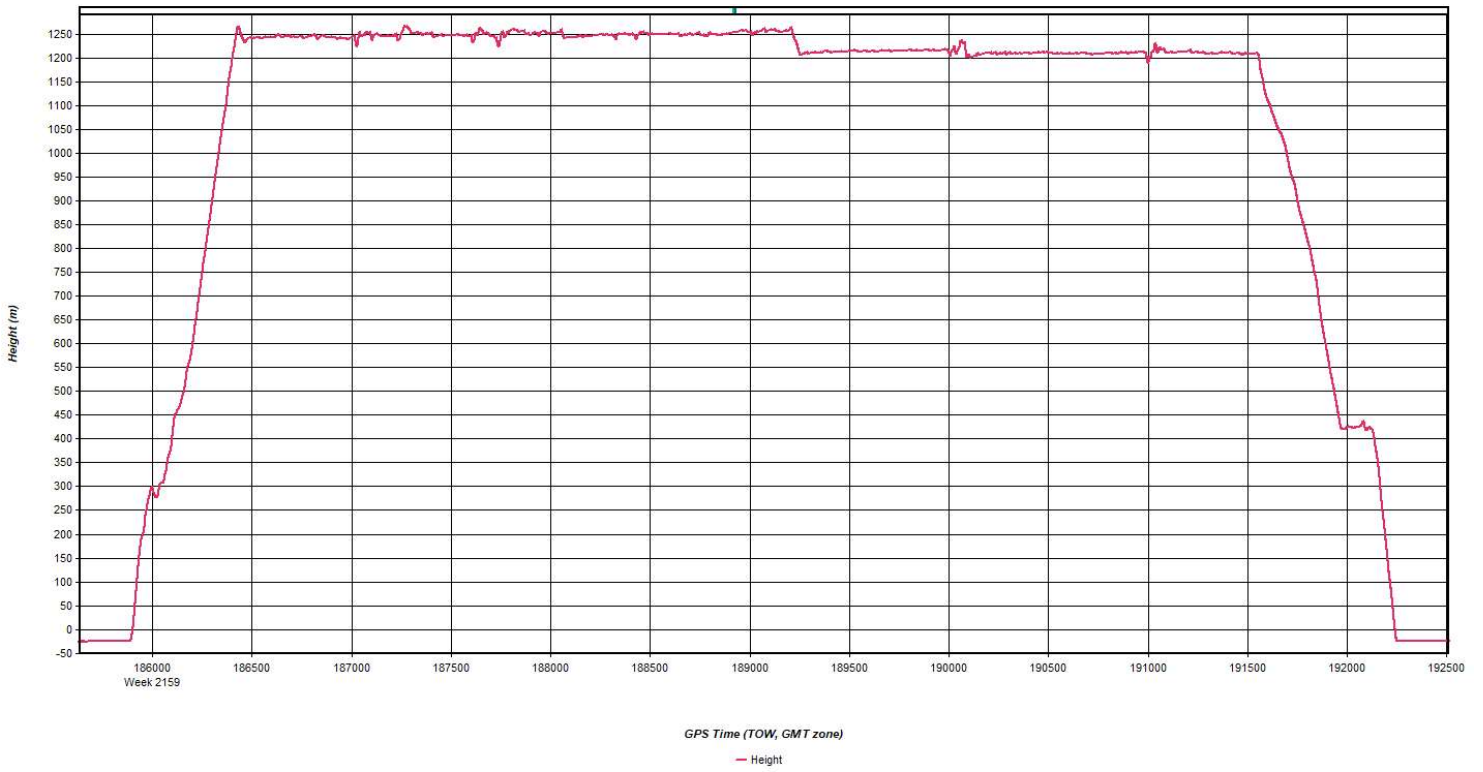
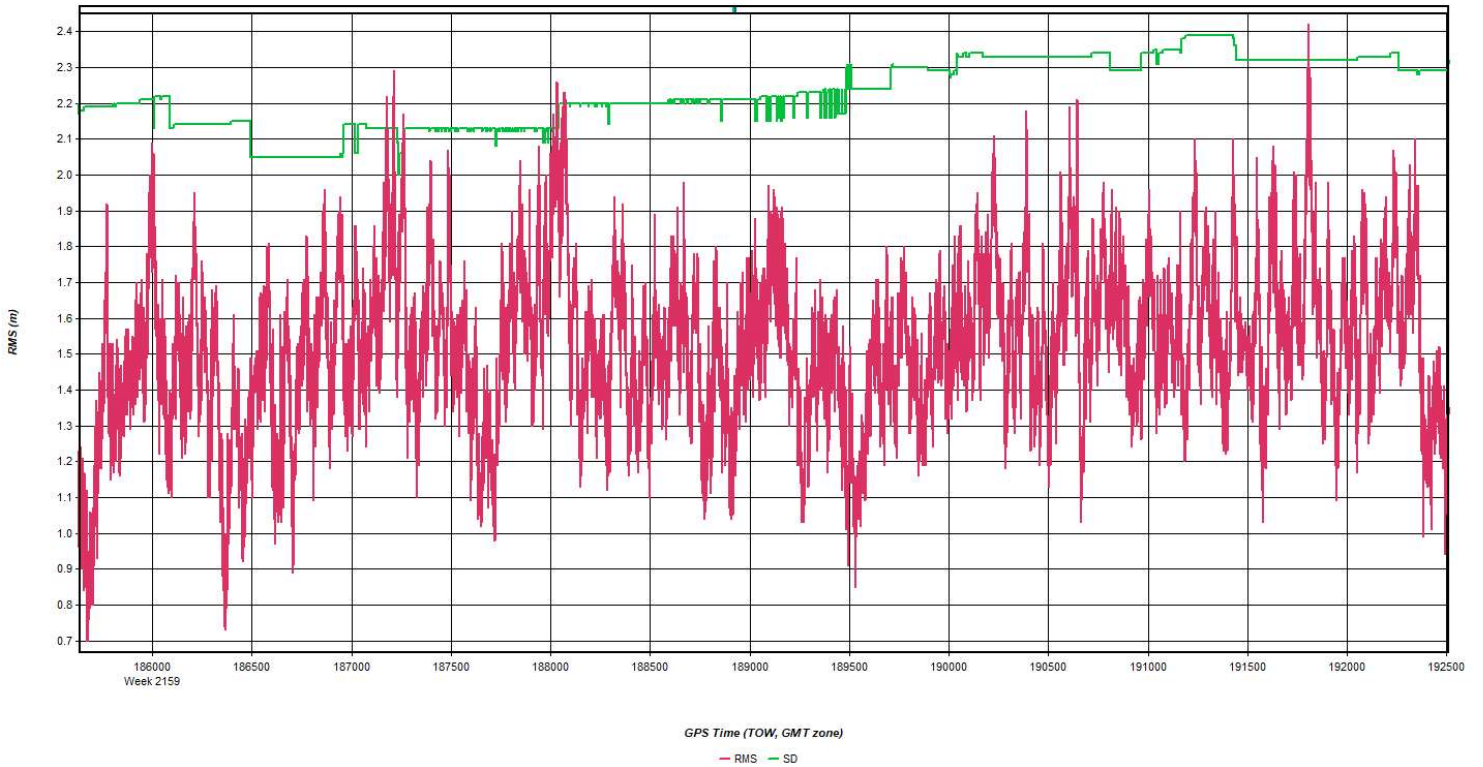


Figure 15: 20210525_033237_37 [Smoothed TC Combined] - Height Profile Plot



Process	20210525_033237_37	by Unknown	on 5/28/2021	at 16:34:51
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Figure 16: 20210525_033237_37 [Smoothed TC Combined] - C/A Code Residual RMS Plot



Process	20210525_033237_37	by Unknown	on 5/28/2021	at 16:34:51
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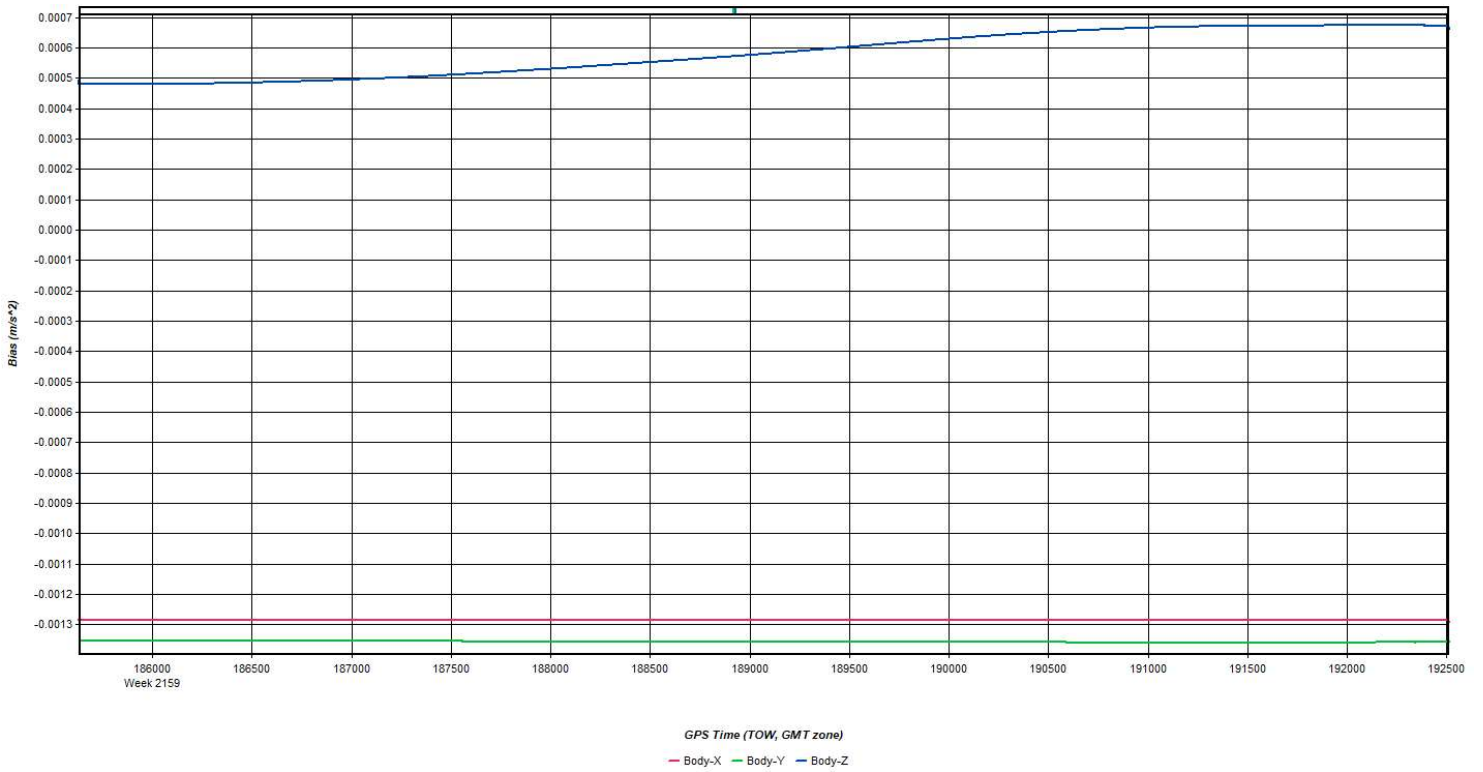
Figure 17: 20210525_033237_37 [Smoothed TC Combined] - Carrier Residual RMS Plot



Figure 18: 20210525_033237_37 [Smoothed TC Combined] - L1 Doppler Residual RMS Plot

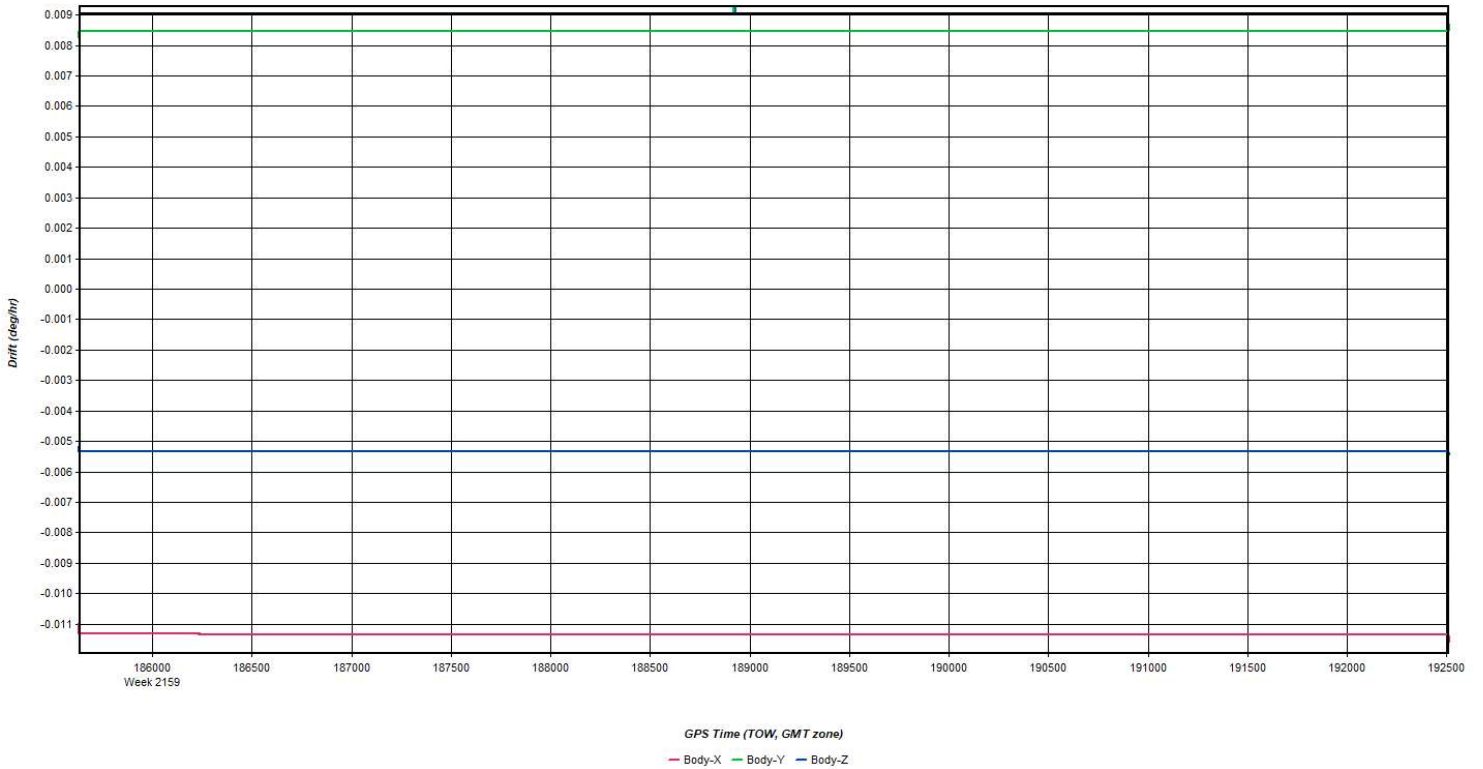


Figure 19: 20210525_033237_37 [Smoothed TC Combined] - Accelerometer Bias Plot



Process	20210525_033237_37	by Unknown	on 5/28/2021	at 16:34:51
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Figure 20: 20210525_033237_37 [Smoothed TC Combined] - Gyro Drift Plot

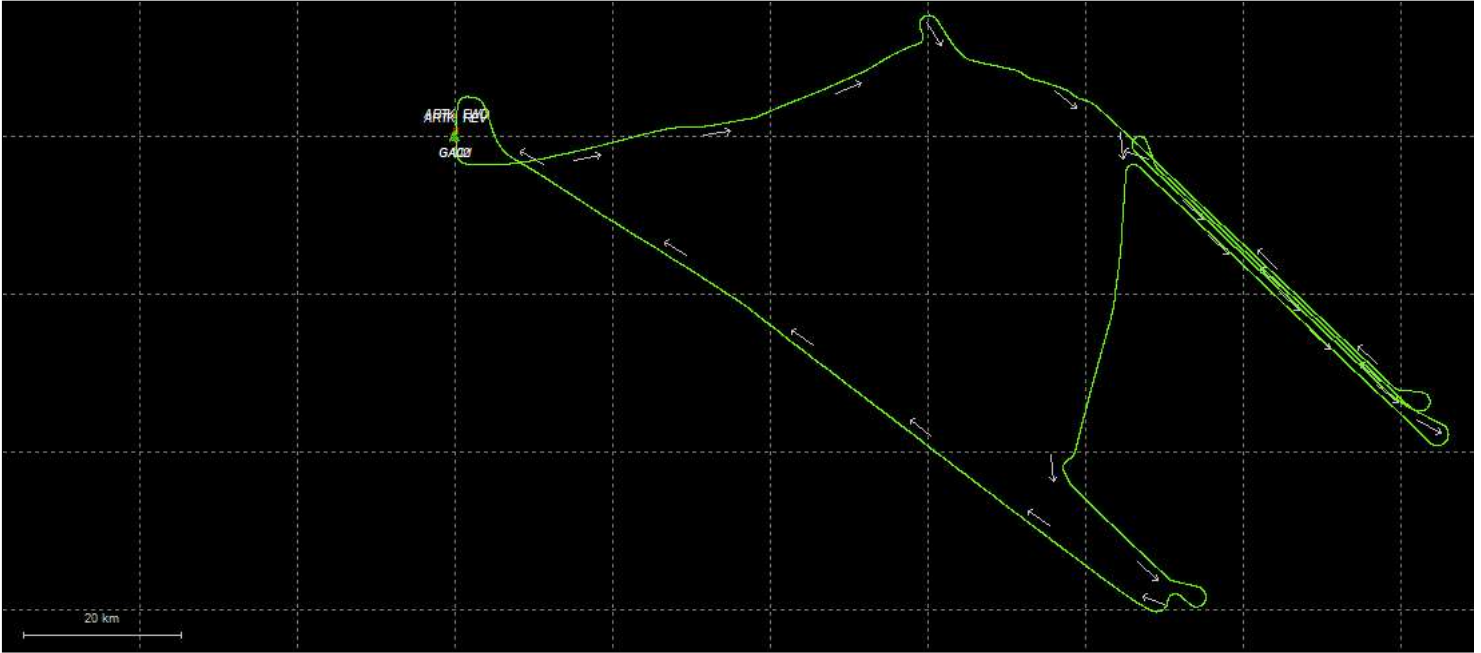


Process	20210525_033237_37	by Unknown	on 5/28/2021	at 16:34:51
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Output Results for 20210525_212756_38

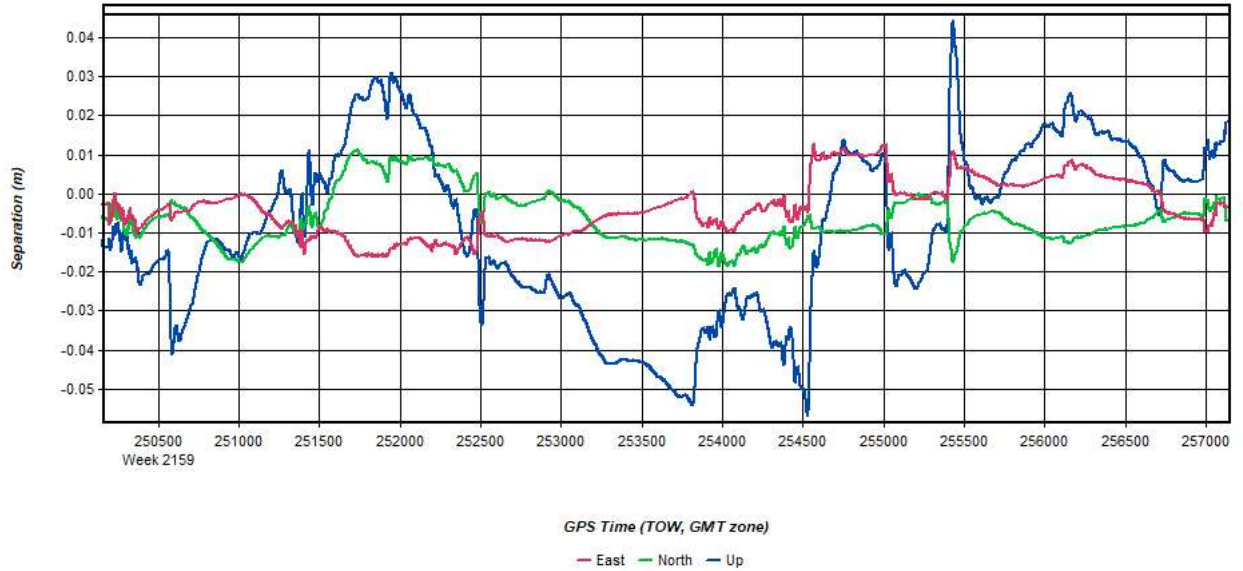
Inertial Explorer Version 8.90.2124
05/28/2021

Figure 1: Smoothed TC Combined - Map



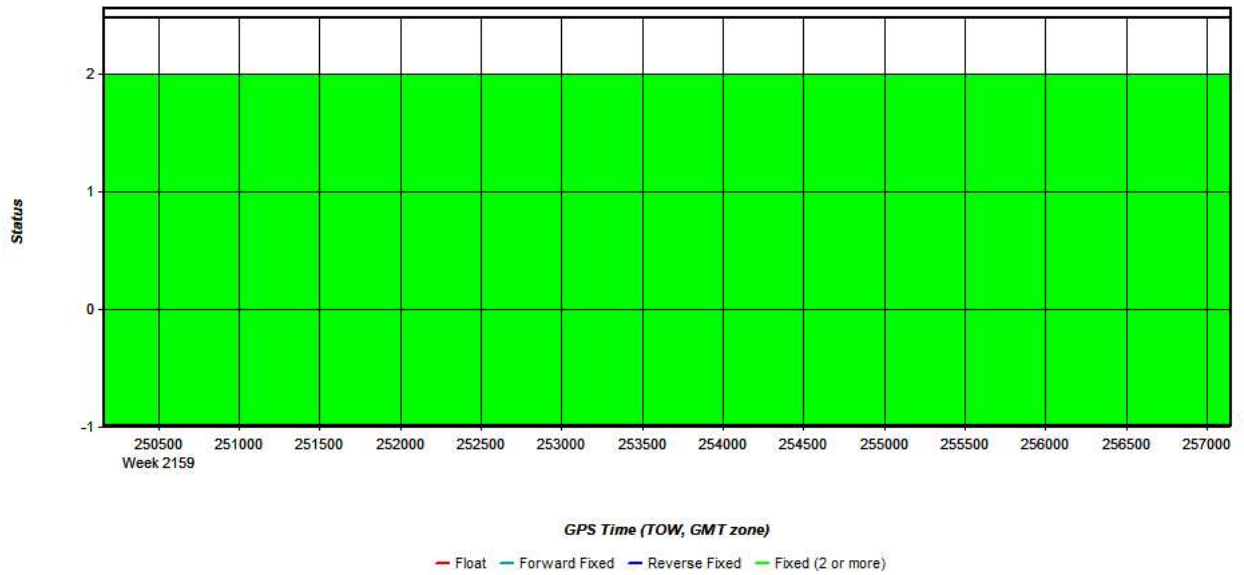
Process	20210525_212756_38	by Unknown	on 5/28/2021	at 16:12:53
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Figure 2: 20210525_212756_38 [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot



Process	20210525_212756_38	by Unknown	on 5/28/2021	at 16:12:53
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Figure 3: 20210525_212756_38 [Smoothed TC Combined] - Float or Fixed Ambiguity



Object 20210525_212756_38 [Smoothed TC Combined] - Forward/Reverse Separation Plot (Fixed) failed--NULL bitmap handle

Figure 4: 20210525_212756_38 [Smoothed TC Combined] - Estimated Position Accuracy Plot

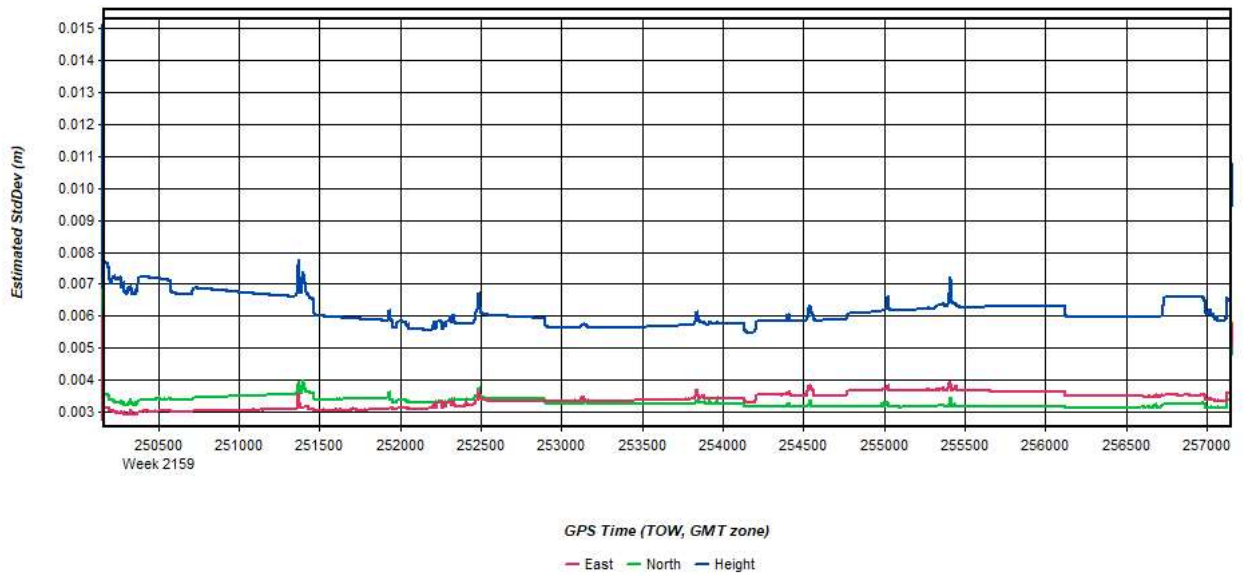


Figure 5: 20210525_212756_38 [Smoothed TC Combined] - PDOP Plot

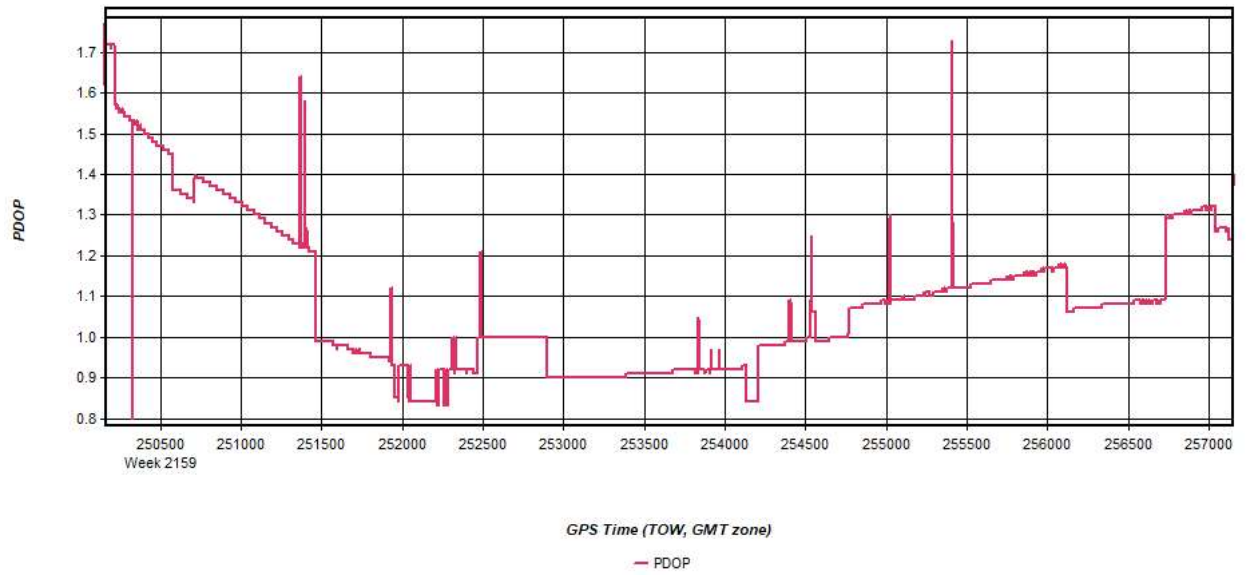


Figure 6: 20210525_212756_38 [Smoothed TC Combined] - Number of Satellites Line Plot

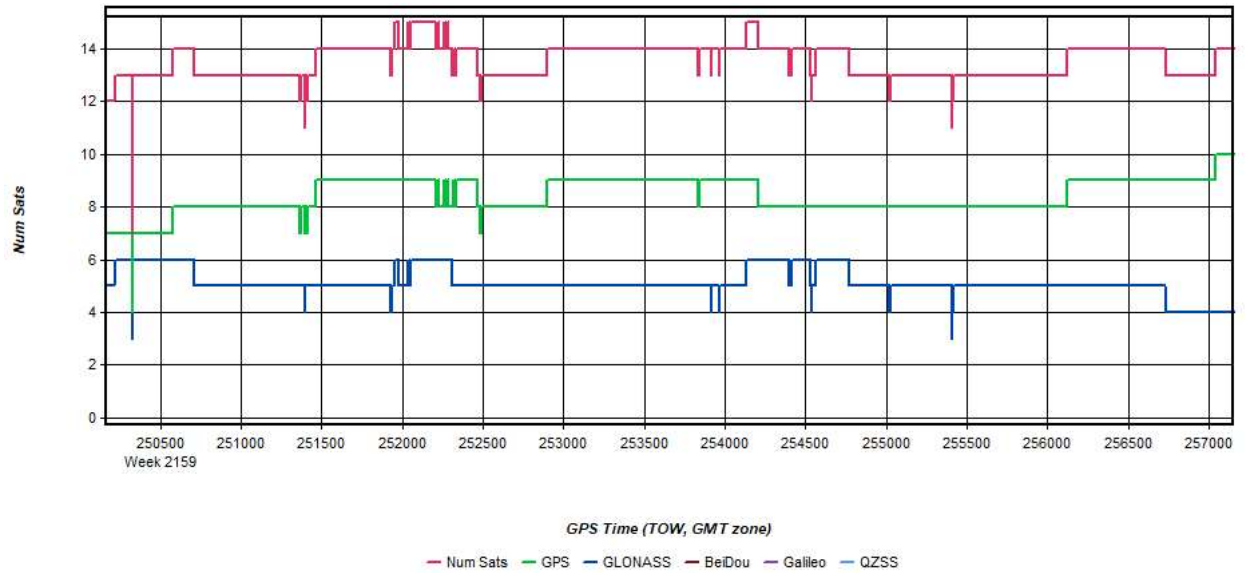
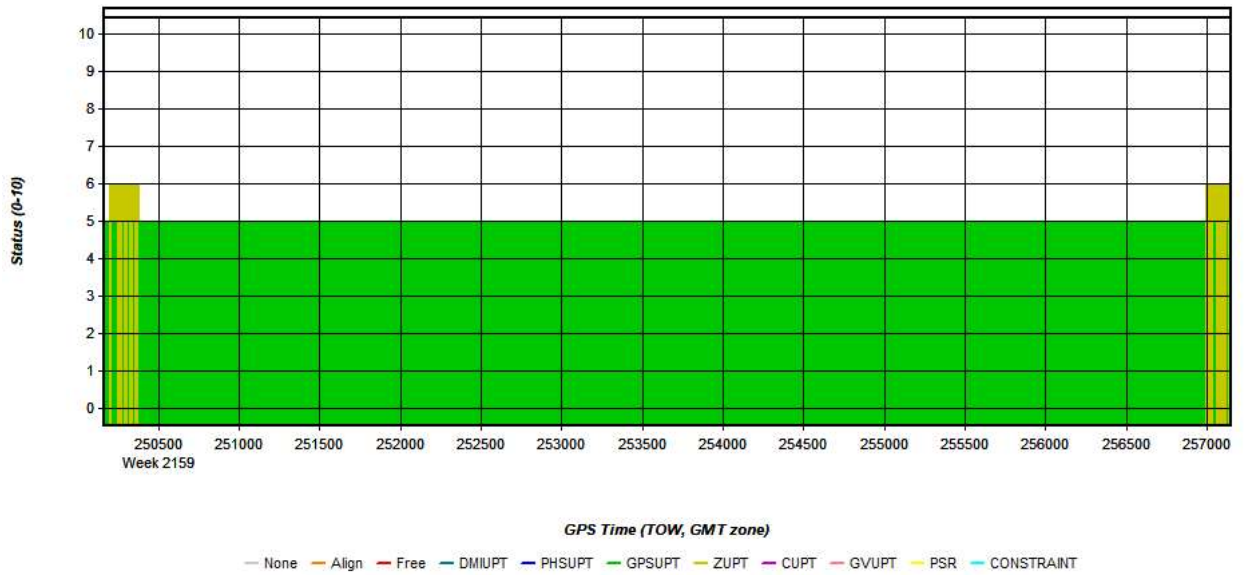
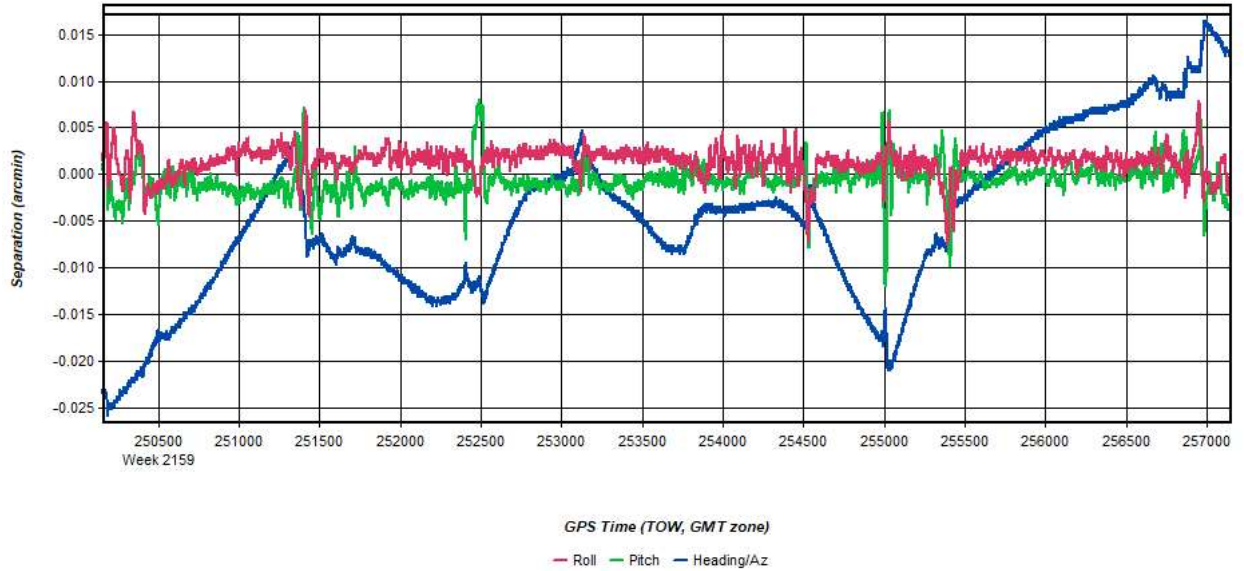


Figure 7: 20210525_212756_38 [Smoothed TC Combined] - Status flag for IMU processing



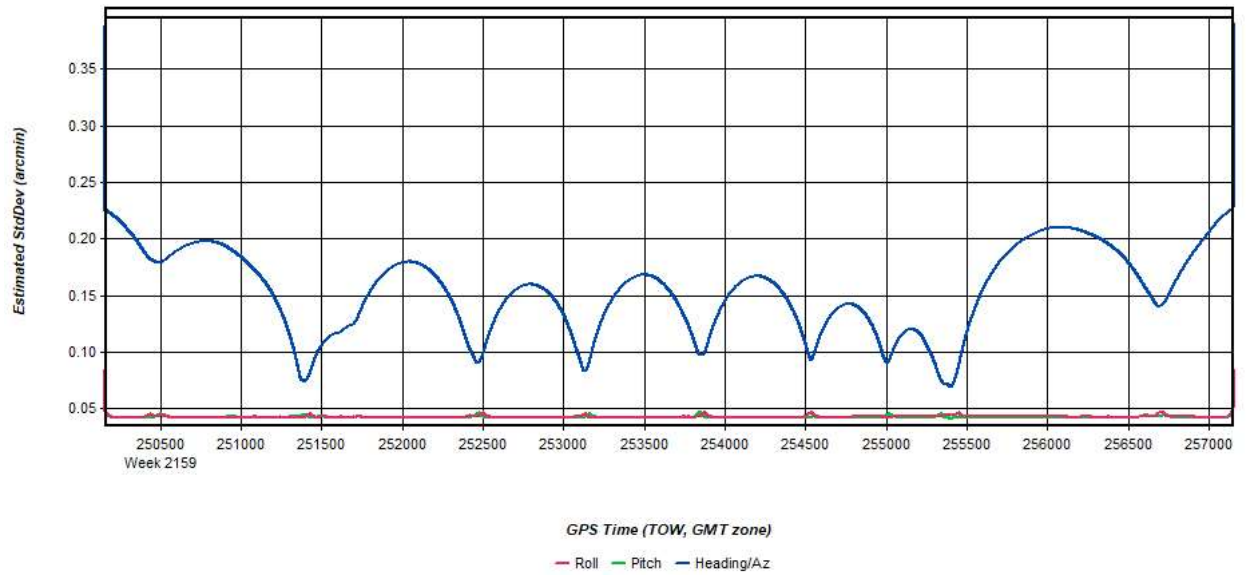
Process	20210525_212756_38	by Unknown	on 5/28/2021	at 16:12:53
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Figure 8: 20210525_212756_38 [Smoothed TC Combined] - Fwd/Rev Attitude Separation Plot



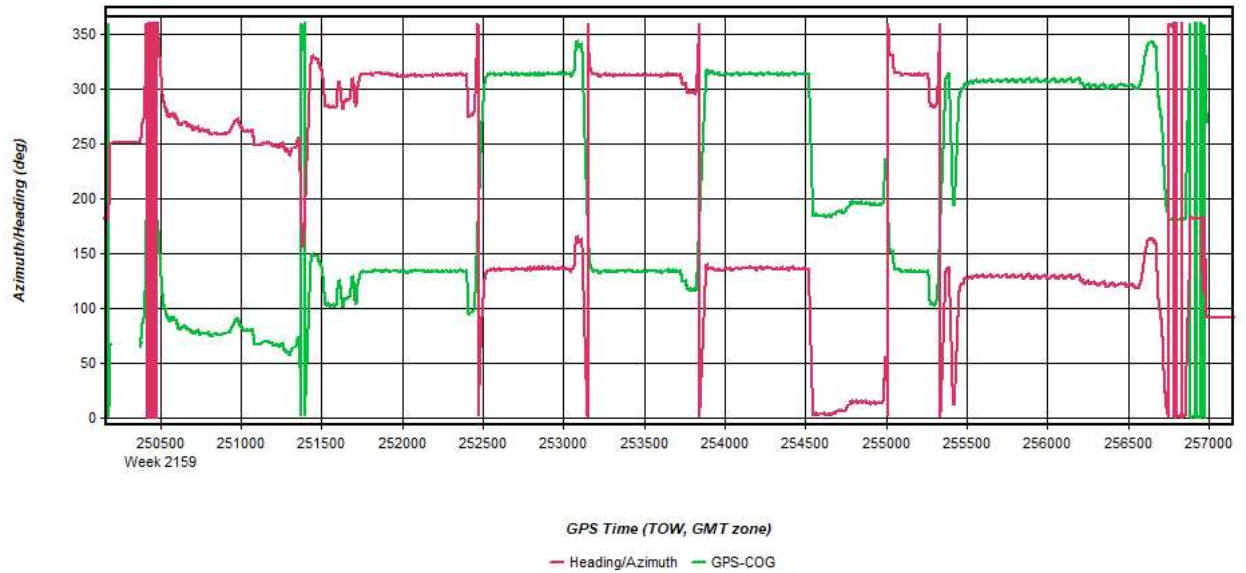
Process	20210525_212756_38	by Unknown	on 5/28/2021	at 16:12:53
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Figure 9: 20210525_212756_38 [Smoothed TC Combined] - Estimated Attitude Accuracy Plot



Process	20210525_212756_38	by Unknown	on 5/28/2021	at 16:12:53
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Figure 10: 20210525_212756_38 [Smoothed TC Combined] - Azimuth Plot



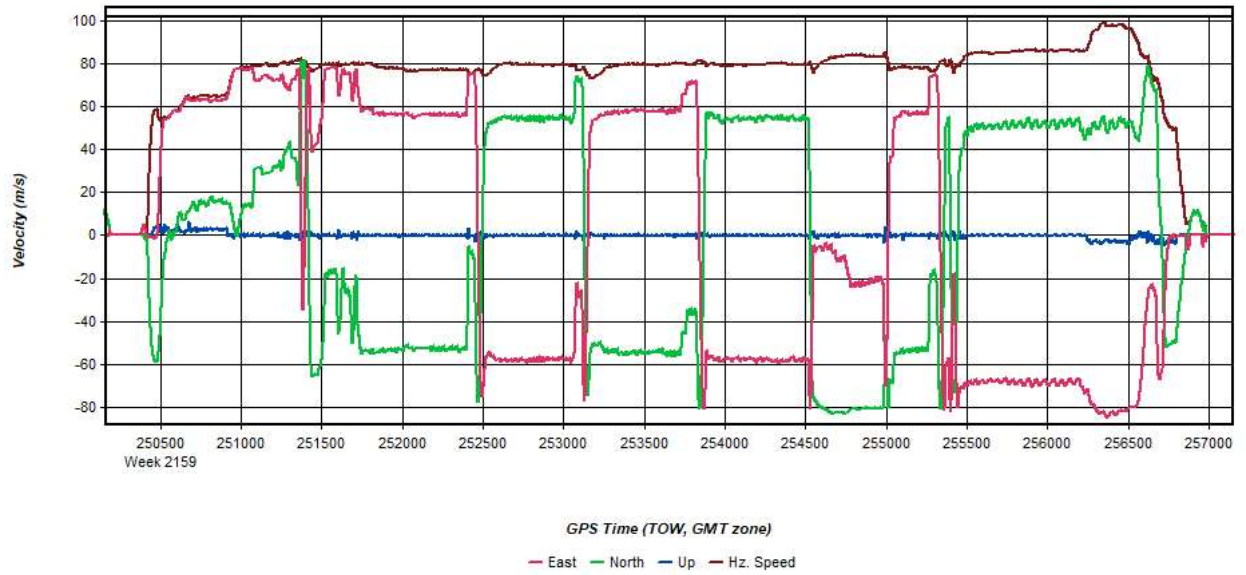
Process	20210525_212756_38	by Unknown	on 5/28/2021	at 16:12:53
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Figure 11: 20210525_212756_38 [Smoothed TC Combined] - Roll & Pitch Plot



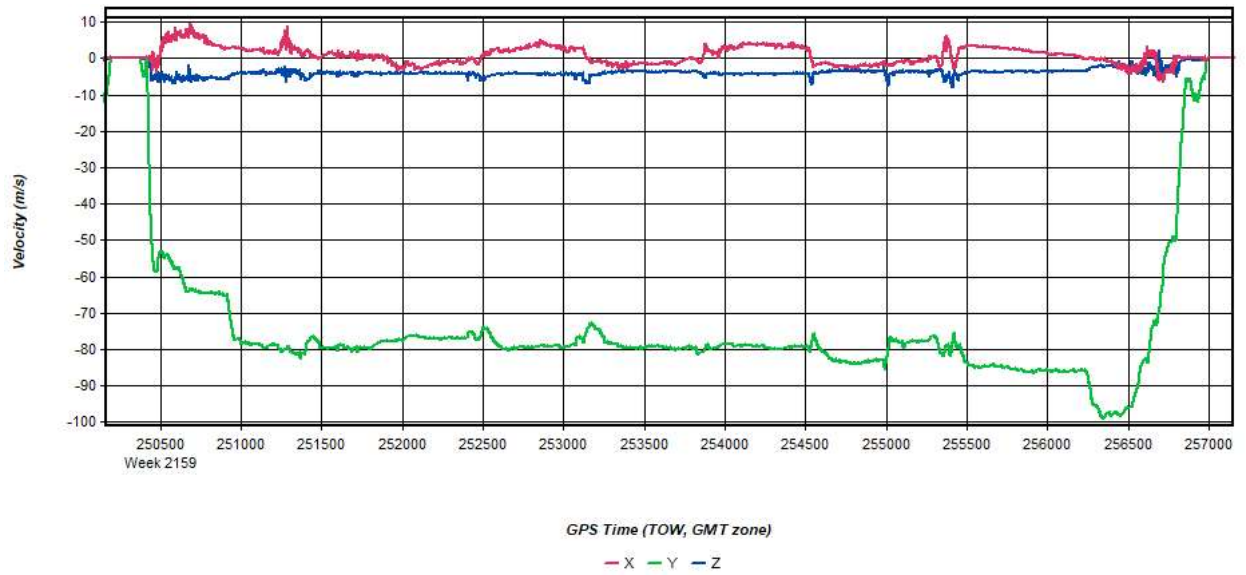
Process	20210525_212756_38	by Unknown	on 5/28/2021	at 16:12:53
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Figure 12: 20210525_212756_38 [Smoothed TC Combined] - Velocity Profile Plot



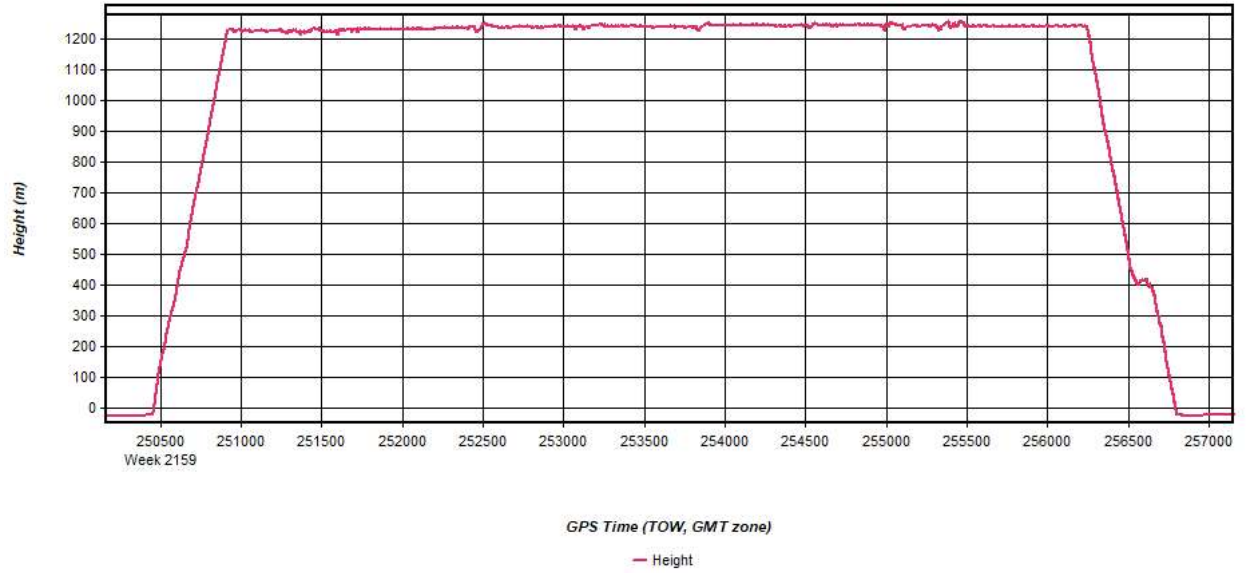
Process	20210525_212756_38	by Unknown	on 5/28/2021	at 16:12:53
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Figure 13: 20210525_212756_38 [Smoothed TC Combined] - Body Frame Velocity Plot



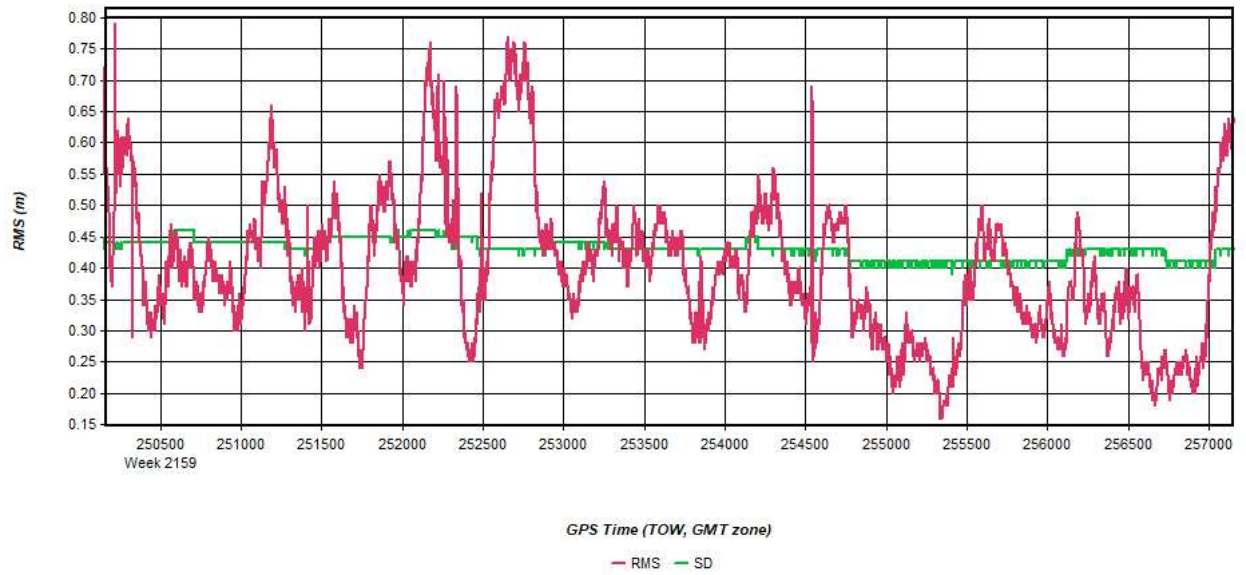
Process	20210525_212756_38	by Unknown	on 5/28/2021	at 16:12:53
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Figure 14: 20210525_212756_38 [Smoothed TC Combined] - Height Profile Plot



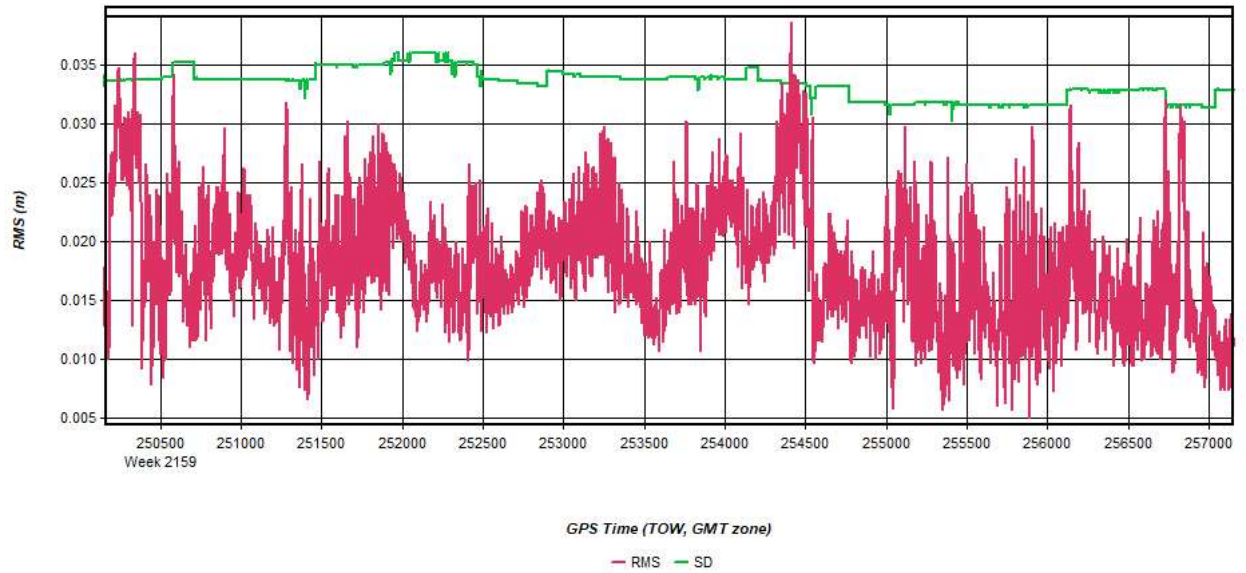
Process	20210525_212756_38	by Unknown	on 5/28/2021	at 16:12:53
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Figure 15: 20210525_212756_38 [Smoothed TC Combined] - C/A Code Residual RMS Plot



Process	20210525_212756_38	by Unknown	on 5/28/2021	at 16:12:53
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Figure 16: 20210525_212756_38 [Smoothed TC Combined] - Carrier Residual RMS Plot



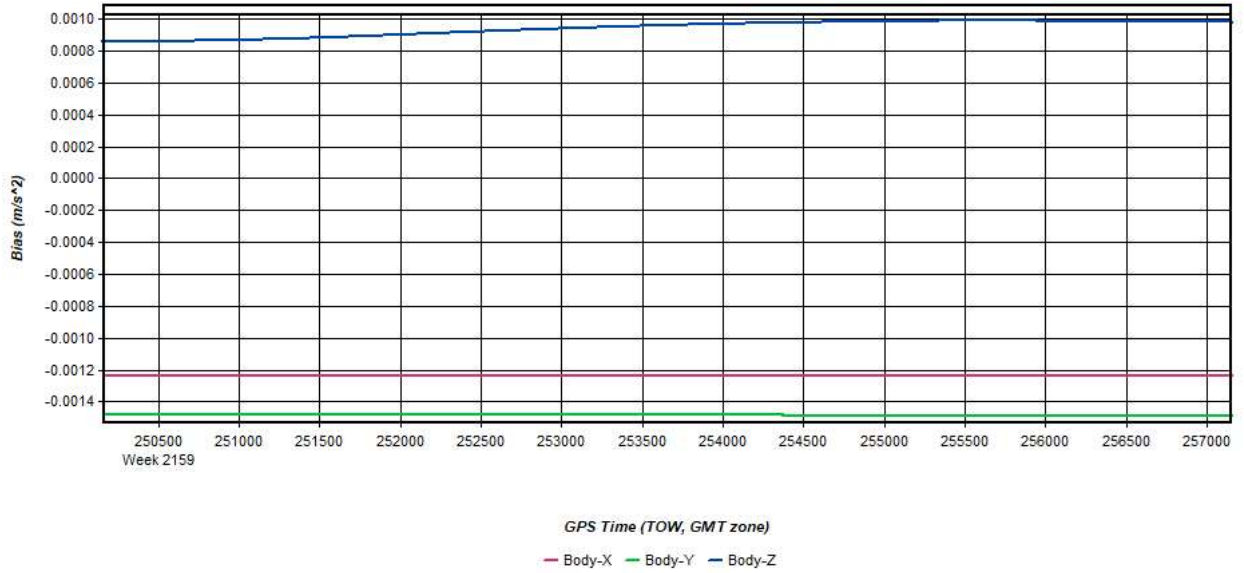
Process	20210525_212756_38	by Unknown	on 5/28/2021	at 16:12:53
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Figure 17: 20210525_212756_38 [Smoothed TC Combined] - L1 Doppler Residual RMS Plot



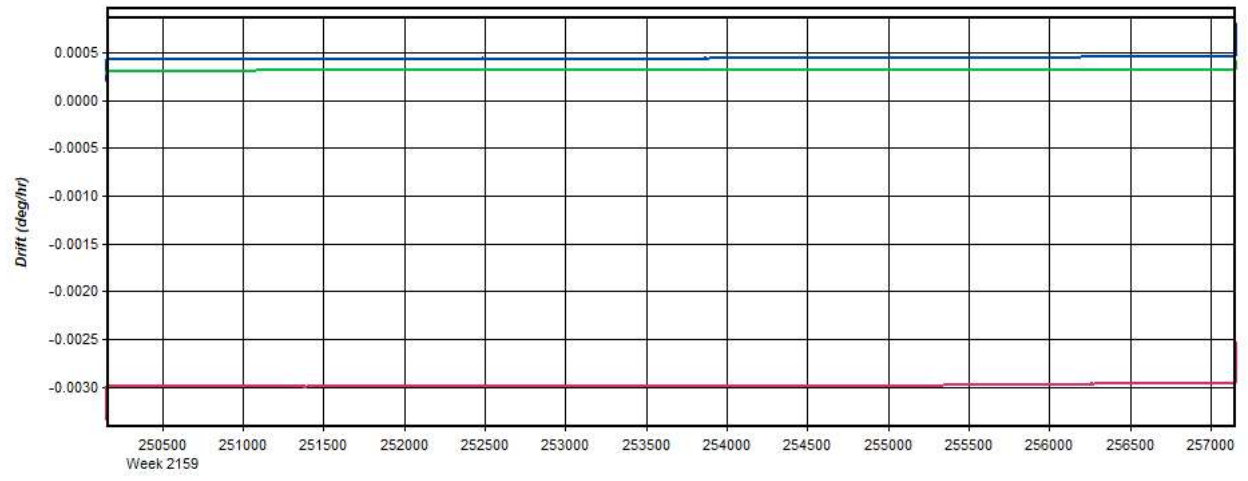
Process	20210525_212756_38	by Unknown	on 5/28/2021	at 16:12:53
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Figure 18: 20210525_212756_38 [Smoothed TC Combined] - Accelerometer Bias Plot



Process	20210525_212756_38	by Unknown	on 5/28/2021	at 16:12:53
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Figure 19: 20210525_212756_38 [Smoothed TC Combined] - Gyro Drift Plot



GPS Time (TOW, GMT zone)

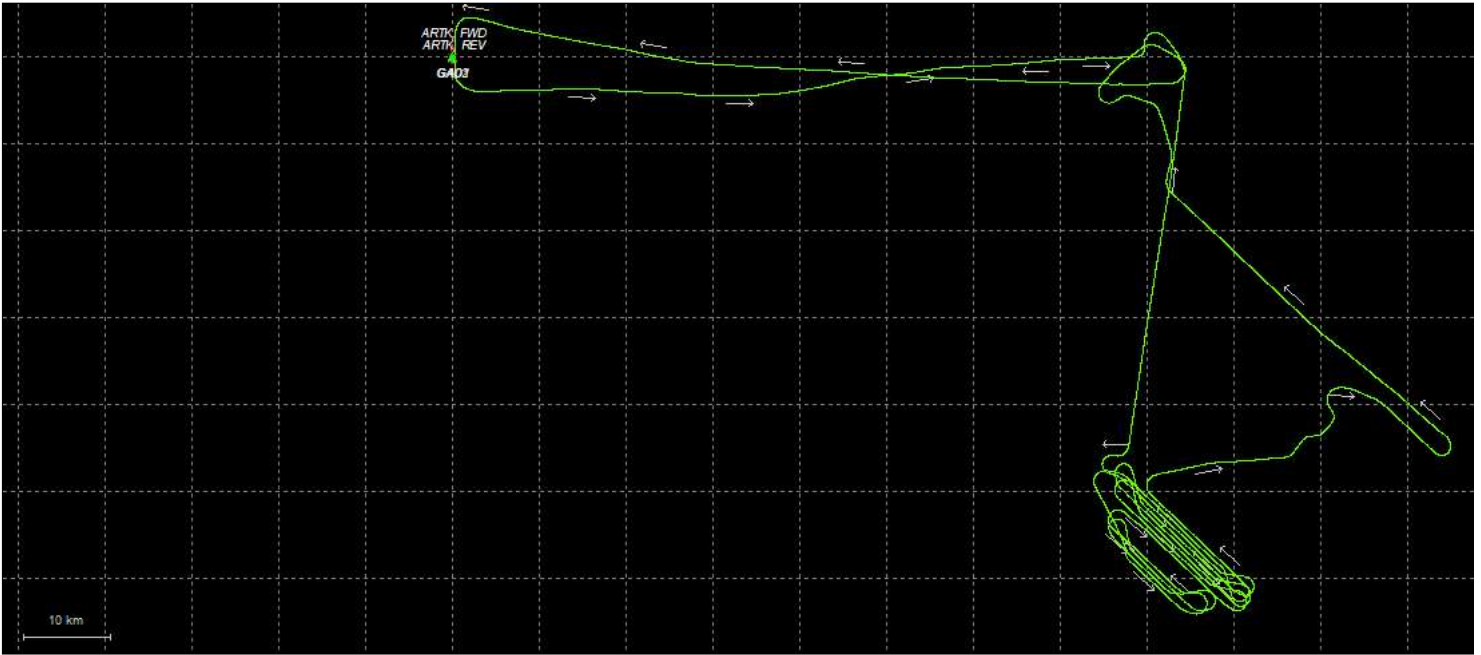
— Body-X — Body-Y — Body-Z

Process	20210525_212756_38	by Unknown	on 5/28/2021	at 16:12:53
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Output Results for 20210526_214618_39

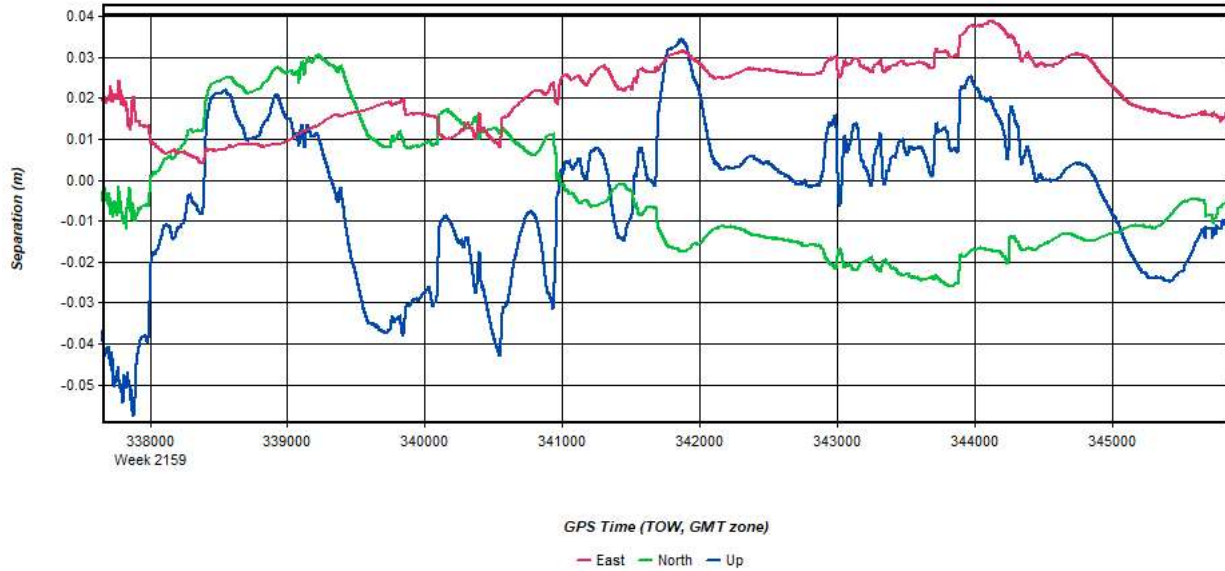
Inertial Explorer Version 8.90.2124
05/28/2021

Figure 1: Smoothed TC Combined - Map



Process	20210526_214618_39	by Unknown	on 5/28/2021	at 15:42:21
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Figure 2: 20210526_214618_39 [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot



Process	20210526_214618_39	by Unknown	on 5/28/2021	at 15:42:21
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Figure 3: 20210526_214618_39 [Smoothed TC Combined] - Float or Fixed Ambiguity

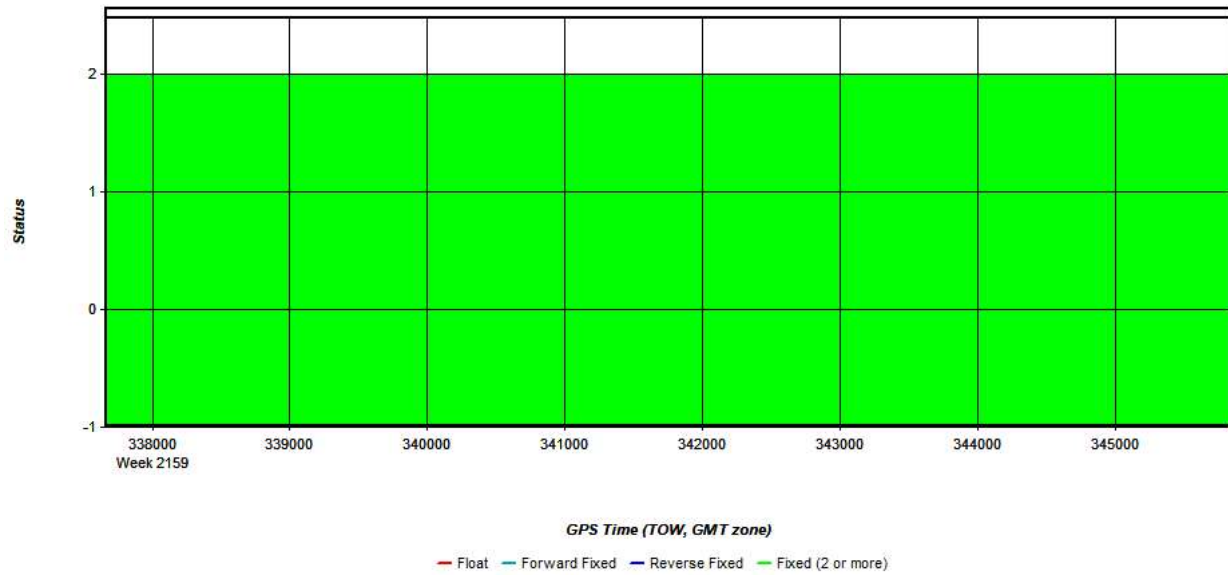


Figure 4: 20210526_214618_39 [Smoothed TC Combined] - Forward/Reverse Separation Plot (Fixed)

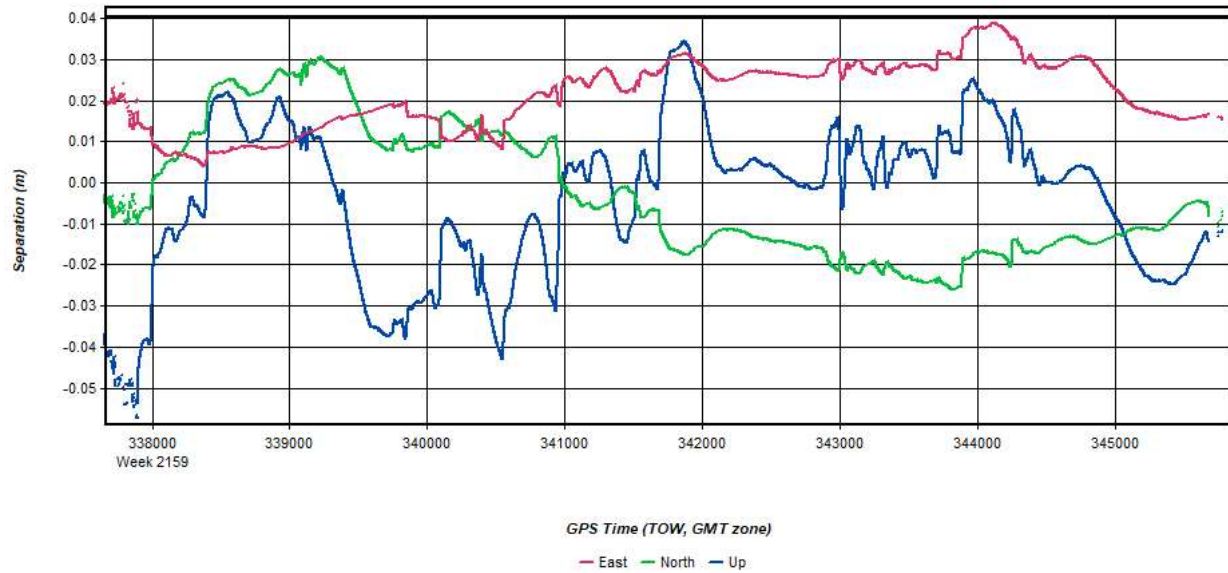
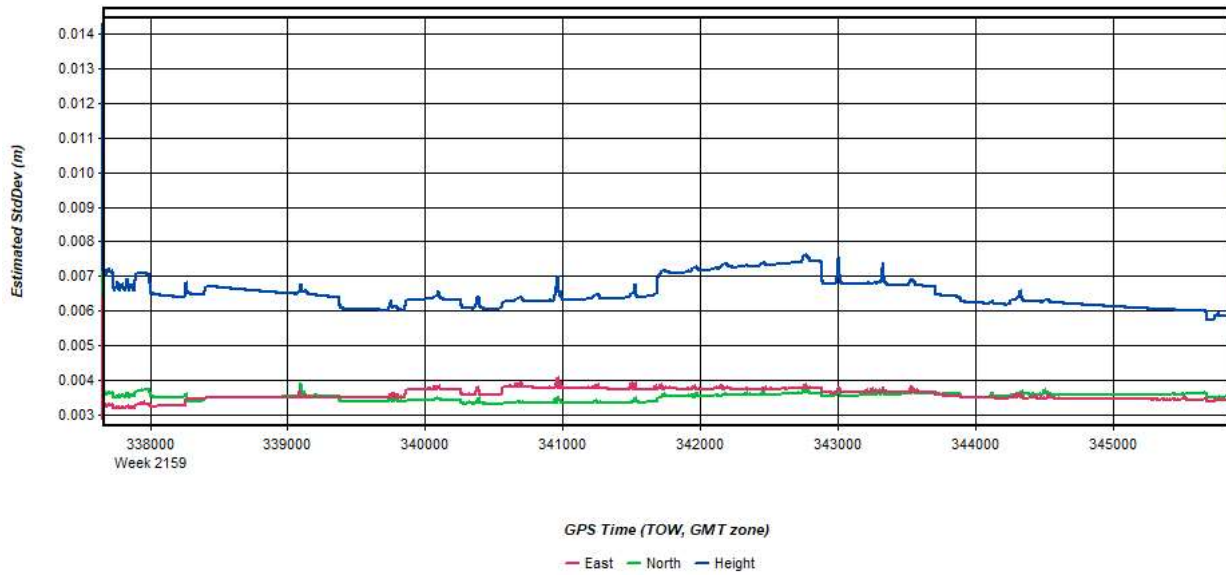
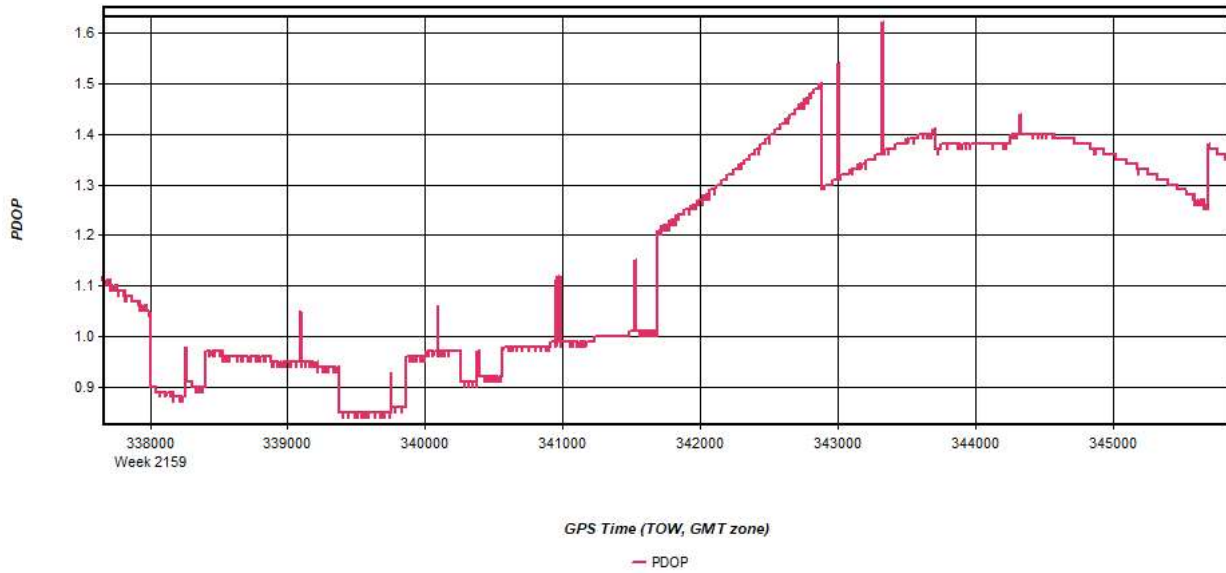


Figure 5: 20210526_214618_39 [Smoothed TC Combined] - Estimated Position Accuracy Plot



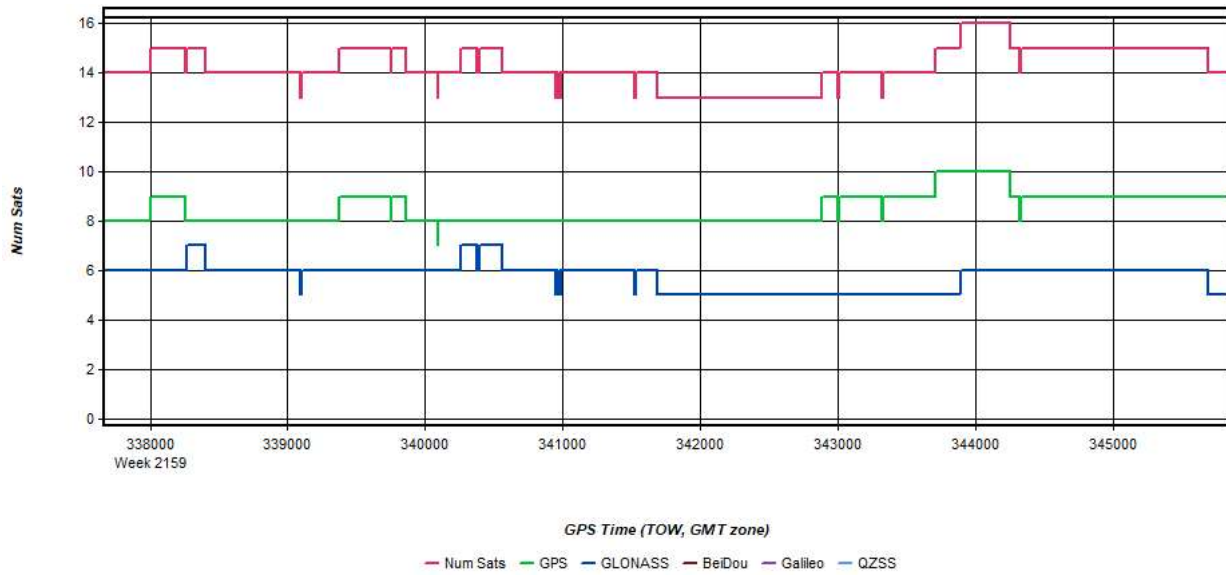
Process	20210526_214618_39	by Unknown	on 5/28/2021	at 15:42:21
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Figure 6: 20210526_214618_39 [Smoothed TC Combined] - PDOP Plot



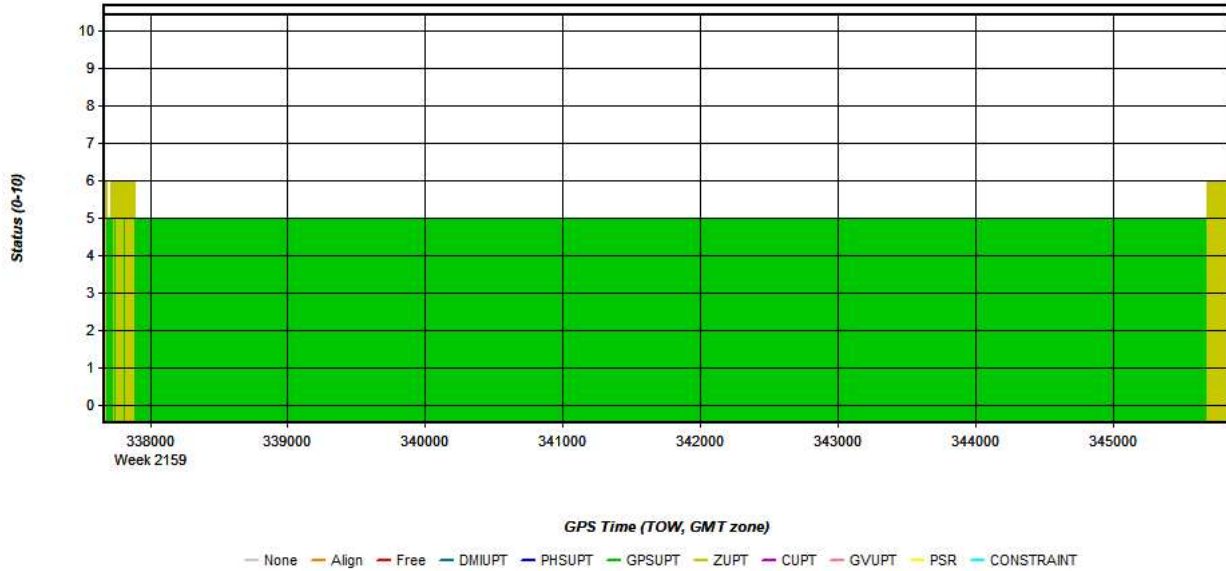
Process	20210526_214618_39	by Unknown	on 5/28/2021	at 15:42:21
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Figure 7: 20210526_214618_39 [Smoothed TC Combined] - Number of Satellites Line Plot



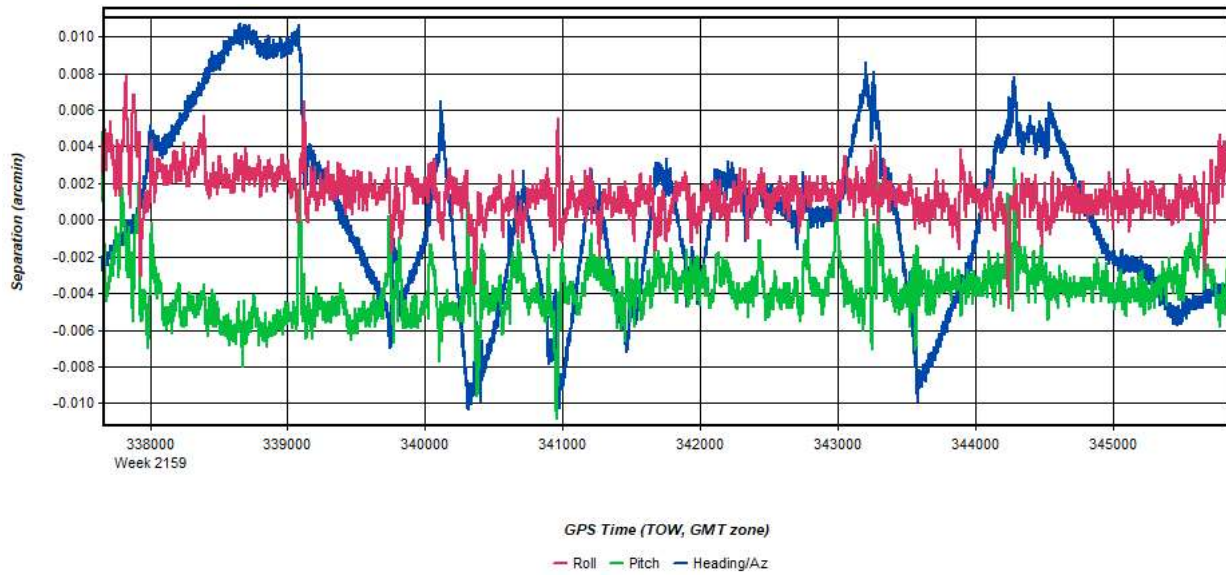
Process	20210526_214618_39	by Unknown	on 5/28/2021	at 15:42:21
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Figure 8: 20210526_214618_39 [Smoothed TC Combined] - Status flag for IMU processing



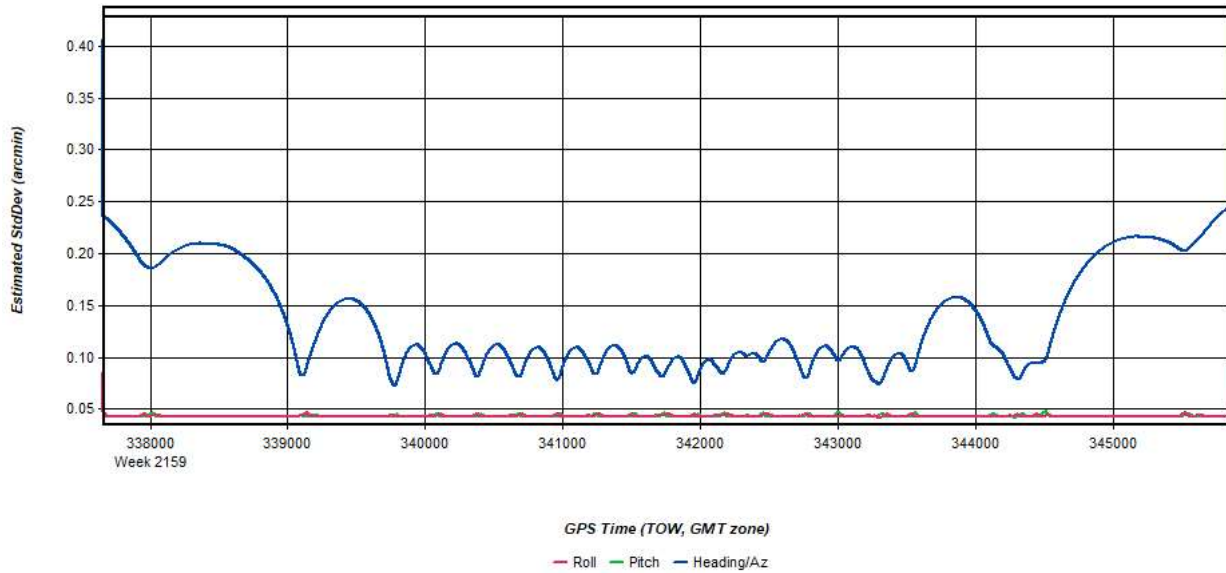
Process	20210526_214618_39	by Unknown	on 5/28/2021	at 15:42:21
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Figure 9: 20210526_214618_39 [Smoothed TC Combined] - Fwd/Rev Attitude Separation Plot



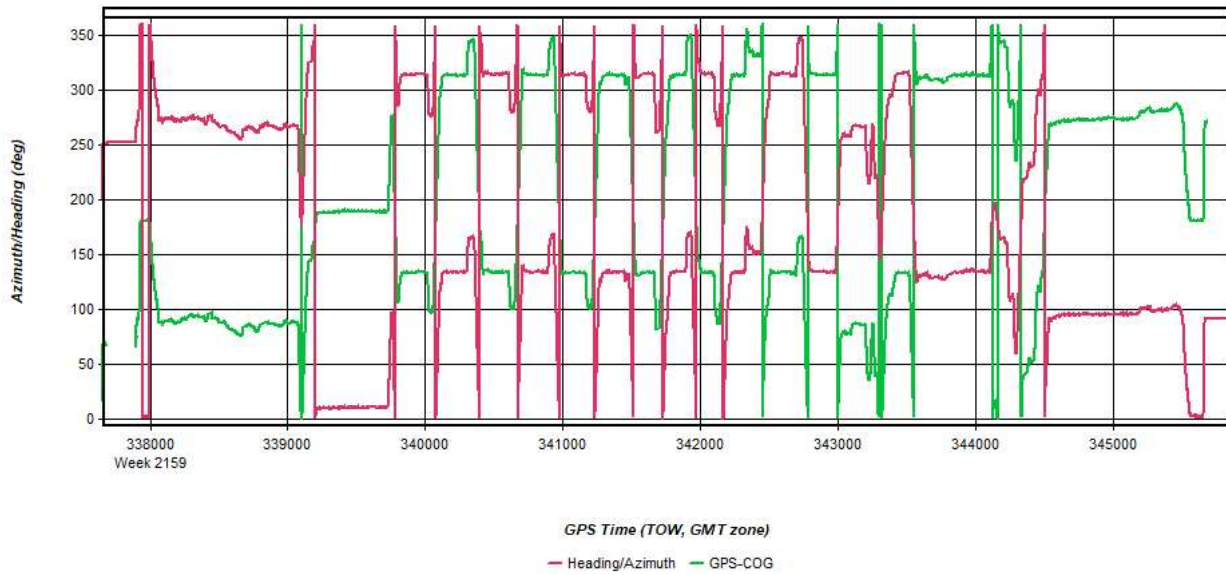
Process	20210526_214618_39	by Unknown	on 5/28/2021	at 15:42:21
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Figure 10: 20210526_214618_39 [Smoothed TC Combined] - Estimated Attitude Accuracy Plot



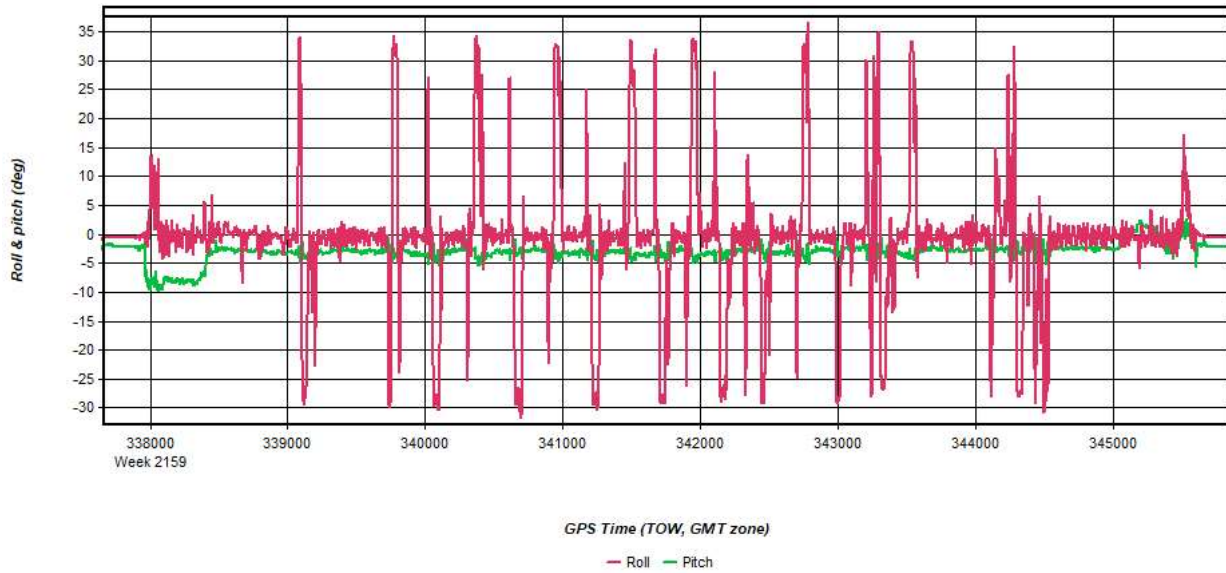
Process	20210526_214618_39	by Unknown	on 5/28/2021	at 15:42:21
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Figure 11: 20210526_214618_39 [Smoothed TC Combined] - Azimuth Plot



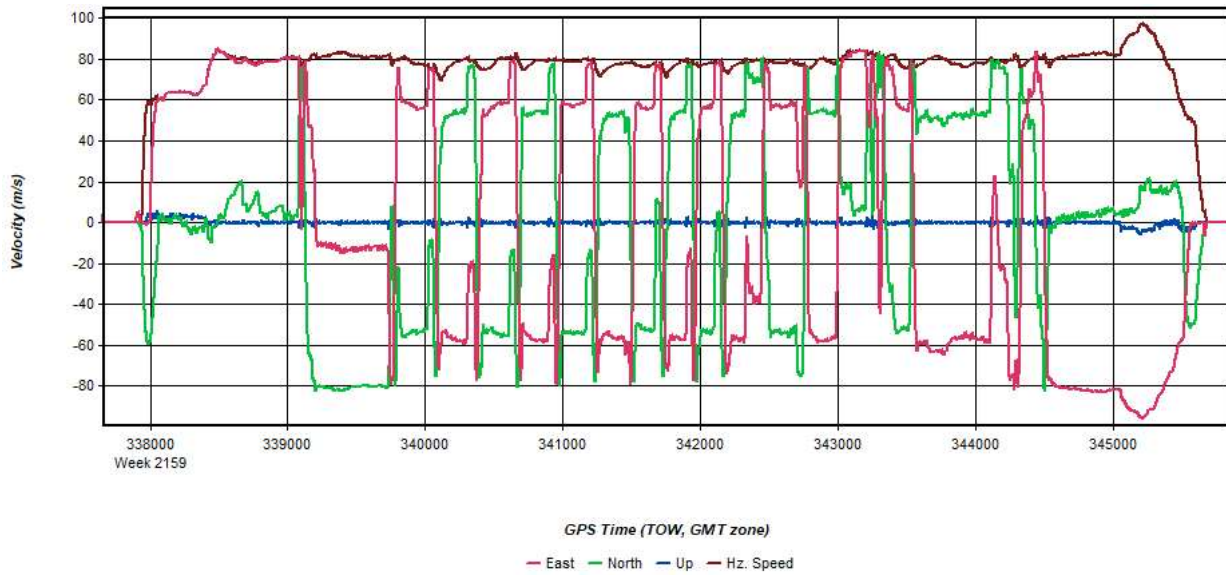
Process	20210526_214618_39	by Unknown	on 5/28/2021	at 15:42:21
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Figure 12: 20210526_214618_39 [Smoothed TC Combined] - Roll & Pitch Plot



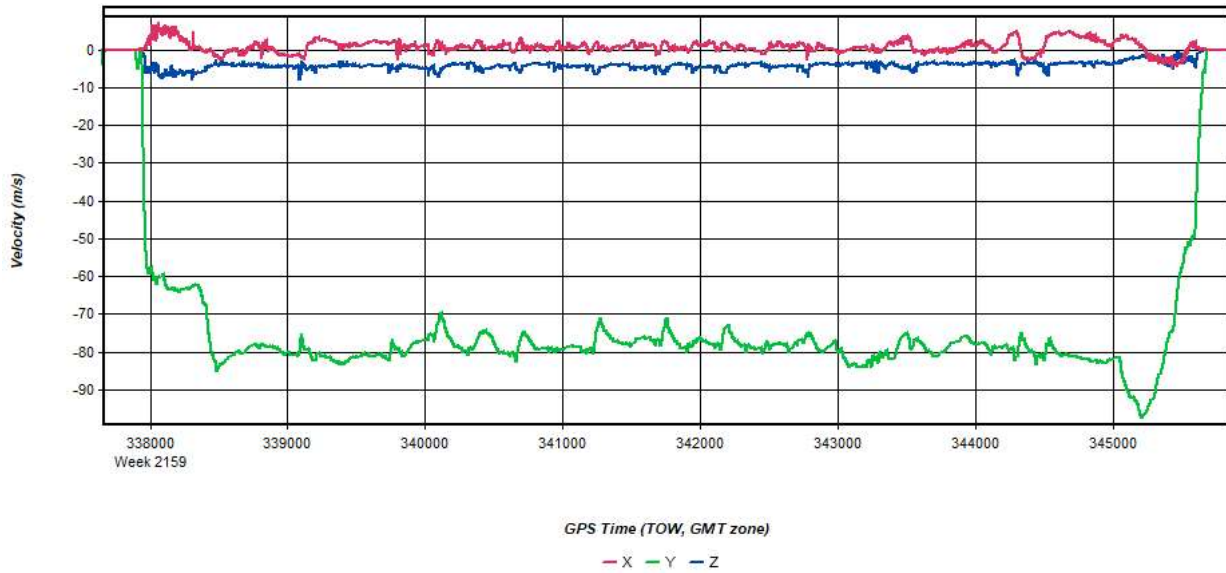
Process	20210526_214618_39	by Unknown	on 5/28/2021	at 15:42:21
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Figure 13: 20210526_214618_39 [Smoothed TC Combined] - Velocity Profile Plot



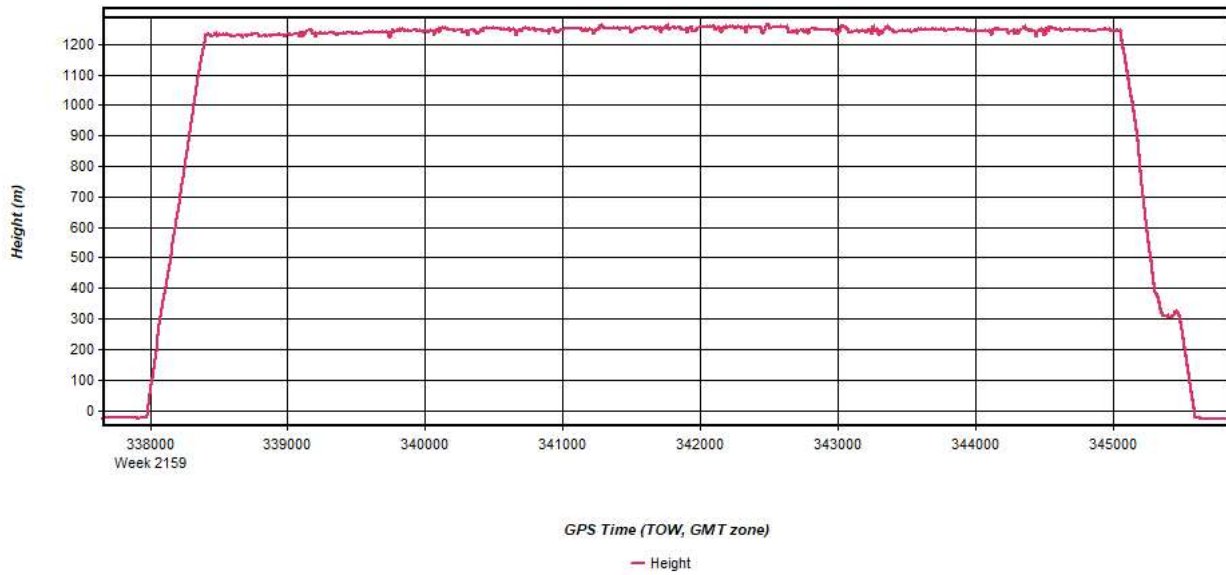
Process	20210526_214618_39	by Unknown	on 5/28/2021	at 15:42:21
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Figure 14: 20210526_214618_39 [Smoothed TC Combined] - Body Frame Velocity Plot



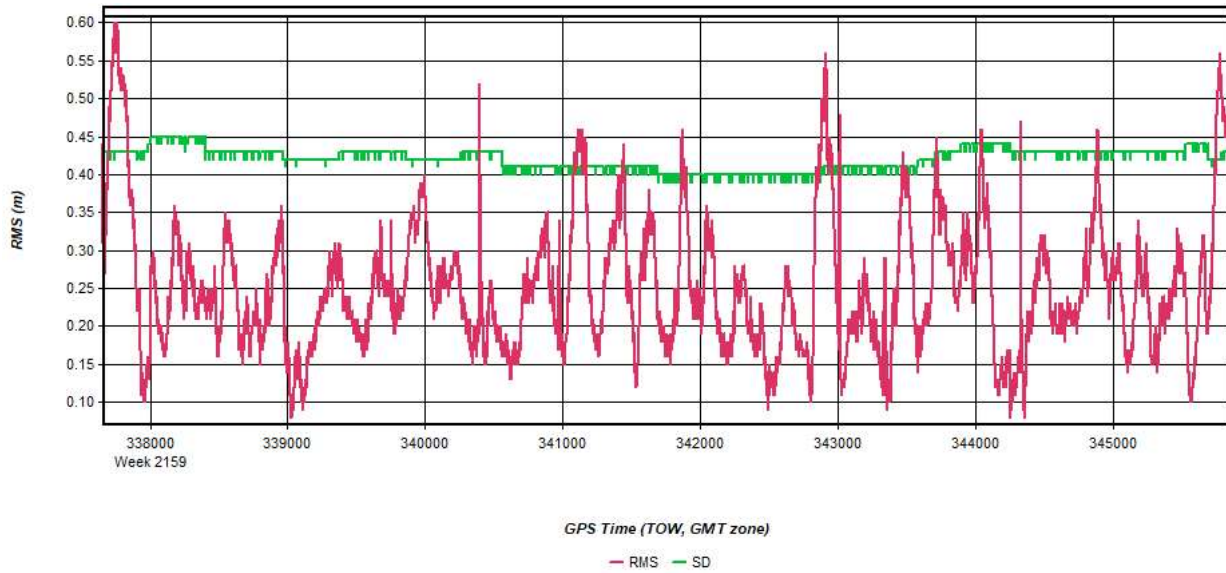
Process	20210526_214618_39	by Unknown	on 5/28/2021	at 15:42:21
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Figure 15: 20210526_214618_39 [Smoothed TC Combined] - Height Profile Plot



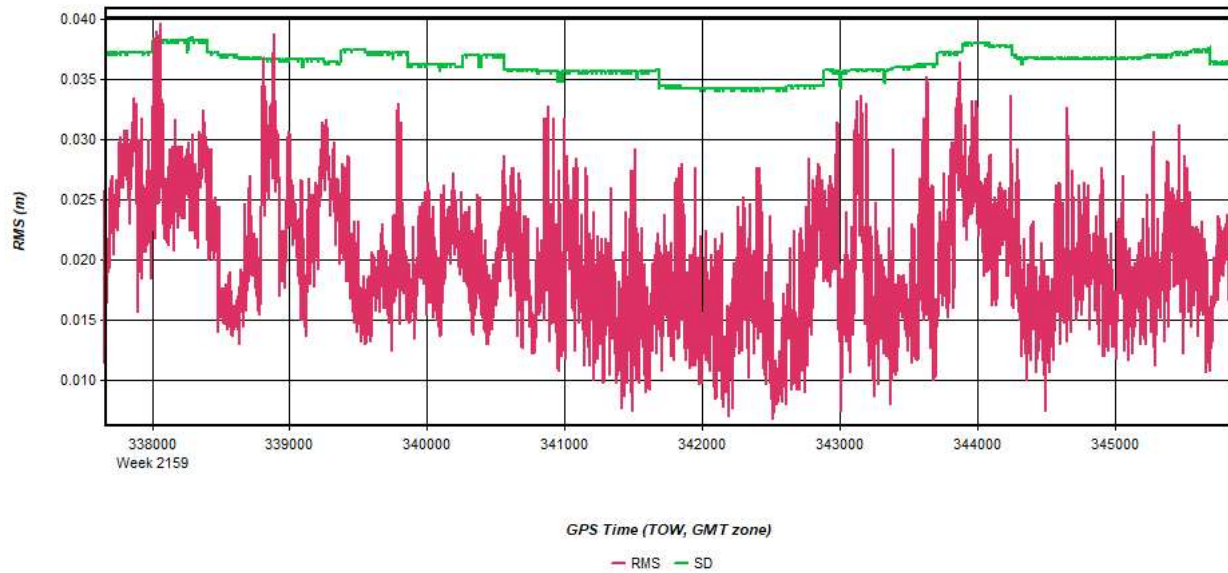
Process	20210526_214618_39	by Unknown	on 5/28/2021	at 15:42:21
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Figure 16: 20210526_214618_39 [Smoothed TC Combined] - C/A Code Residual RMS Plot



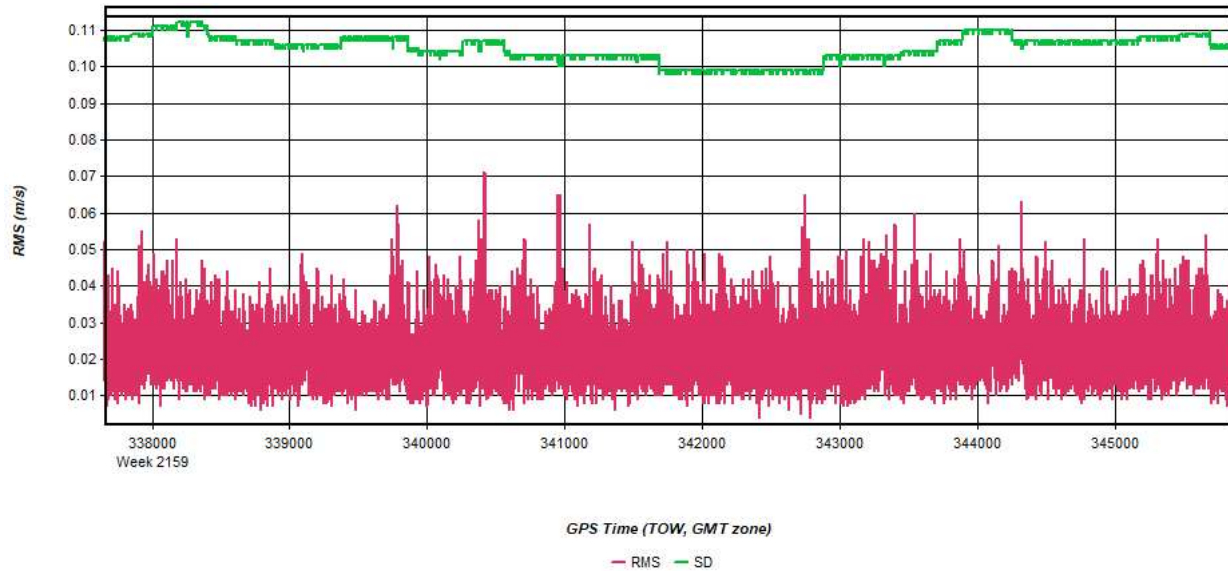
Process	20210526_214618_39	by Unknown	on 5/28/2021	at 15:42:21
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Figure 17: 20210526_214618_39 [Smoothed TC Combined] - Carrier Residual RMS Plot



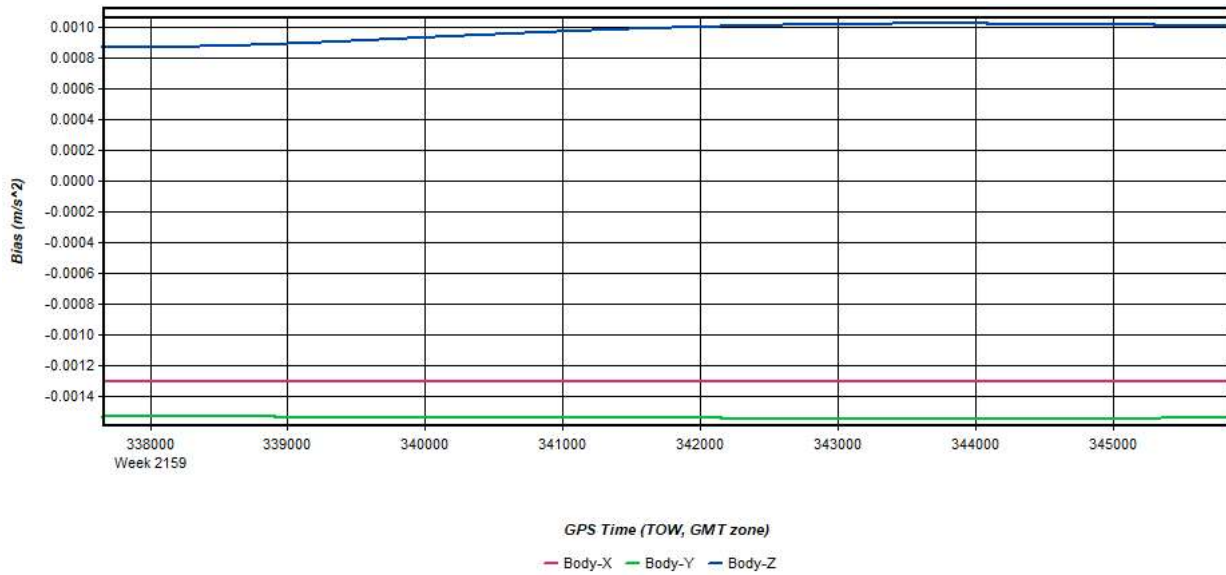
Process	20210526_214618_39	by Unknown	on 5/28/2021	at 15:42:21
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Figure 18: 20210526_214618_39 [Smoothed TC Combined] - L1 Doppler Residual RMS Plot



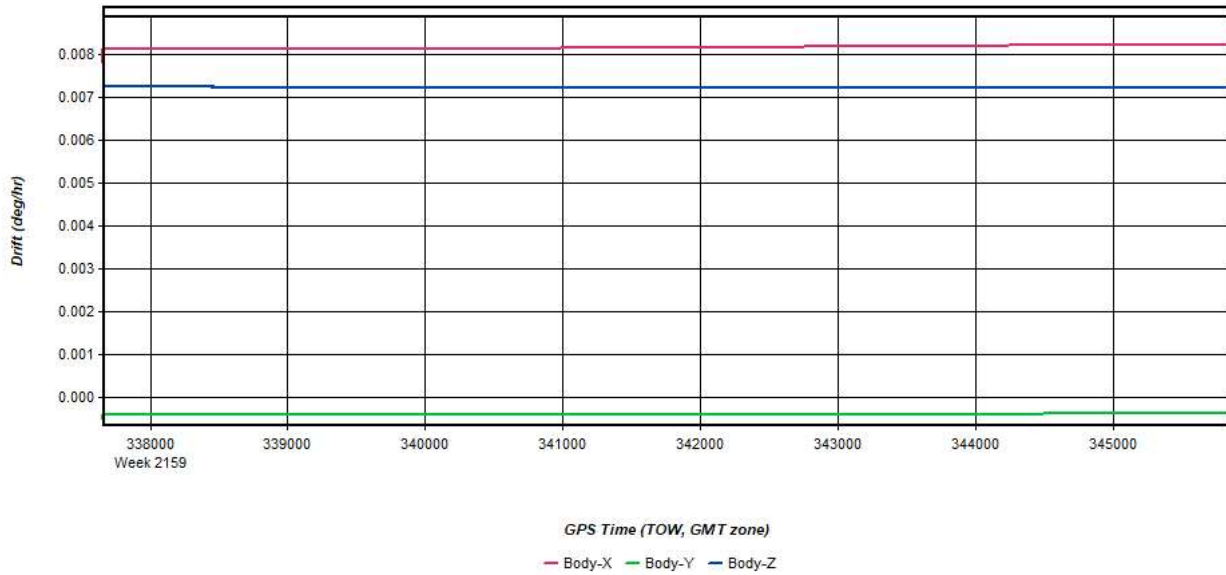
Process	20210526_214618_39	by Unknown	on 5/28/2021	at 15:42:21
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Figure 19: 20210526_214618_39 [Smoothed TC Combined] - Accelerometer Bias Plot



Process	20210526_214618_39	by Unknown	on 5/28/2021	at 15:42:21
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Figure 20: 20210526_214618_39 [Smoothed TC Combined] - Gyro Drift Plot

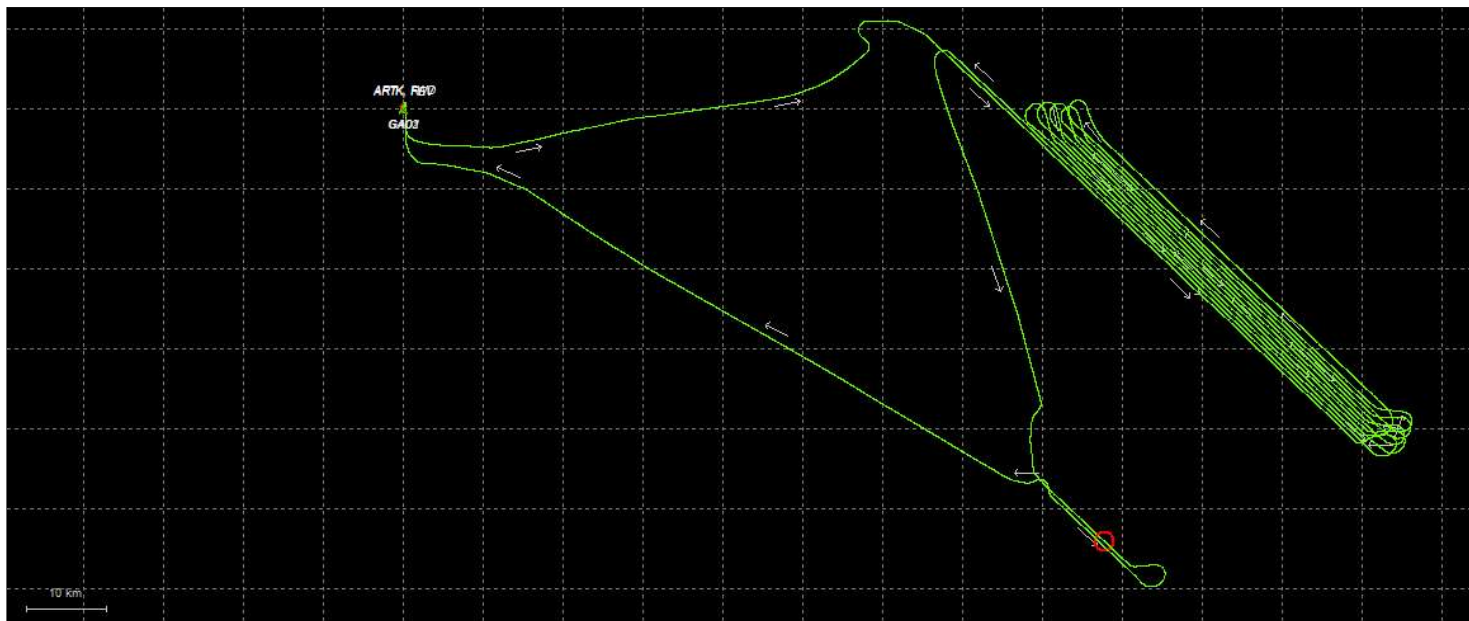


Process	20210526_214618_39	by Unknown	on 5/28/2021	at 15:42:21
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Output Results for 20210527_014520_40

Inertial Explorer Version 8.90.2124
05/28/2021

Figure 1: Smoothed TC Combined - Map



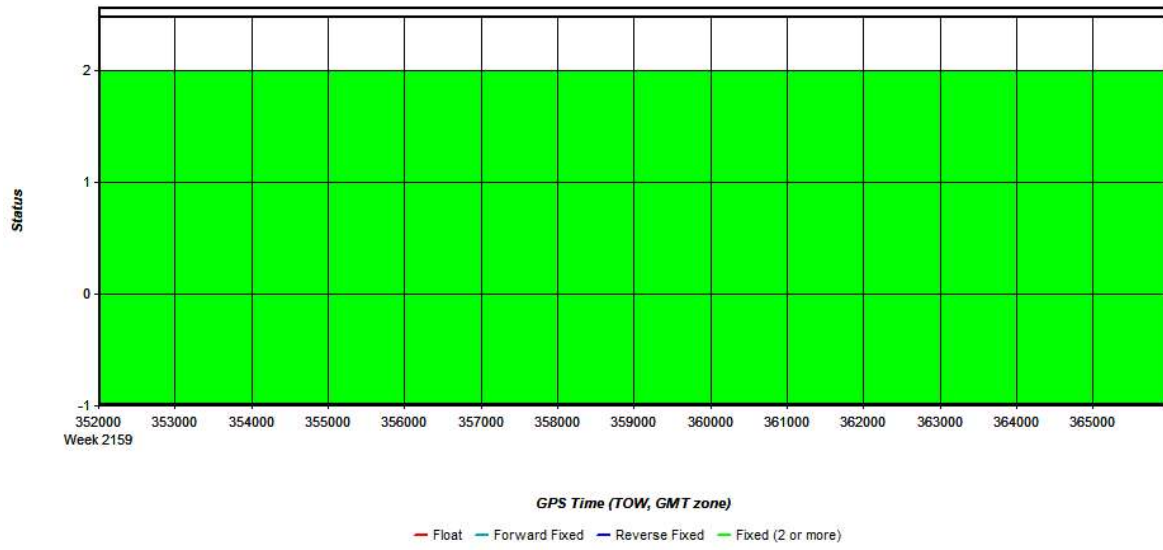
Process	20210527_014520_40	by Unknown	on 5/28/2021	at 15:02:42
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Figure 2: 20210527_014520_40 [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot



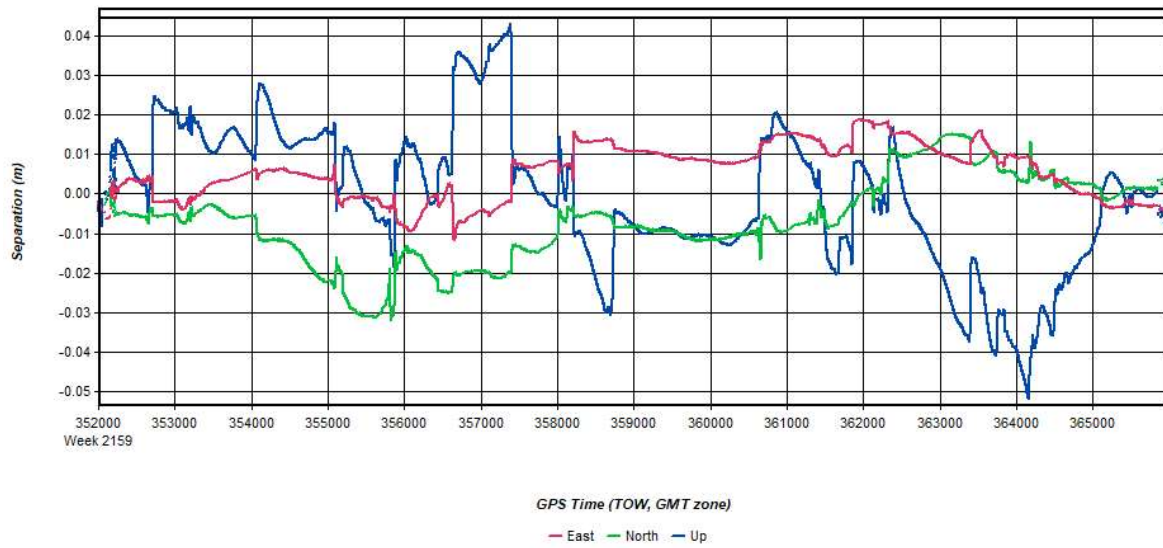
Process	20210527_014520_40	by Unknown	on 5/28/2021	at 15:02:42
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Figure 3: 20210527_014520_40 [Smoothed TC Combined] - Float or Fixed Ambiguity



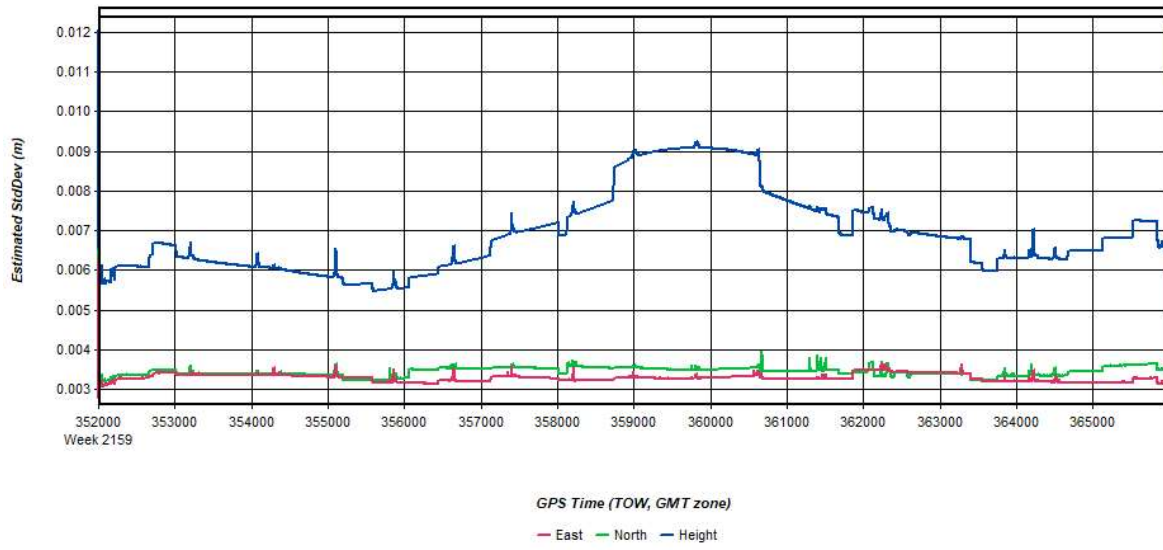
Process	20210527_014520_40	by Unknown	on 5/28/2021	at 15:02:42
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Figure 4: 20210527_014520_40 [Smoothed TC Combined] - Forward/Reverse Separation Plot (Fixed)



Process	20210527_014520_40	by Unknown	on 5/28/2021	at 15:02:42
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Figure 5: 20210527_014520_40 [Smoothed TC Combined] - Estimated Position Accuracy Plot



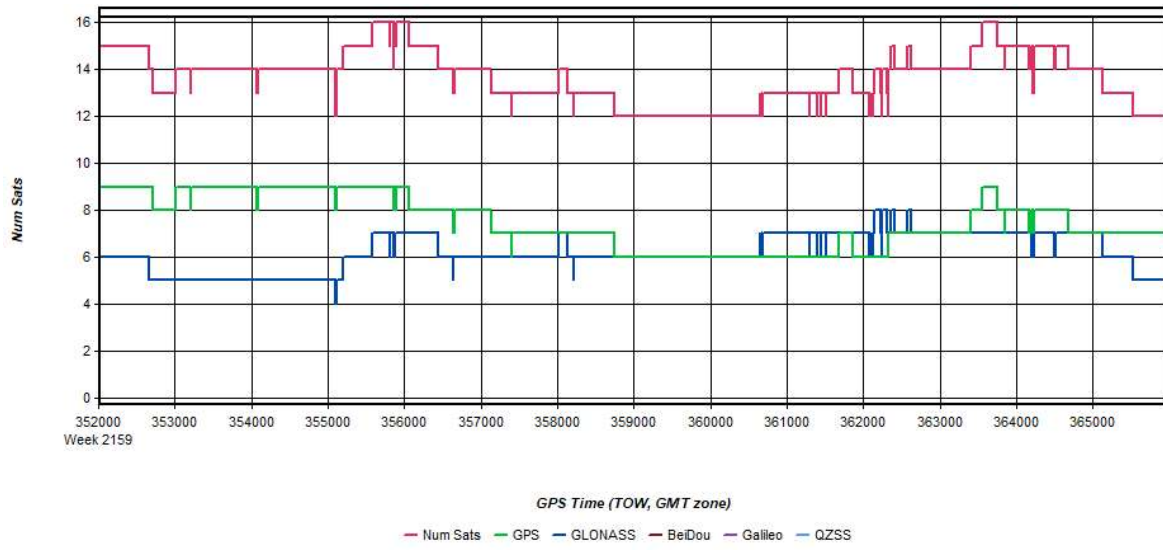
Process	20210527_014520_40	by Unknown	on 5/28/2021	at 15:02:42
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Figure 6: 20210527_014520_40 [Smoothed TC Combined] - PDOP Plot



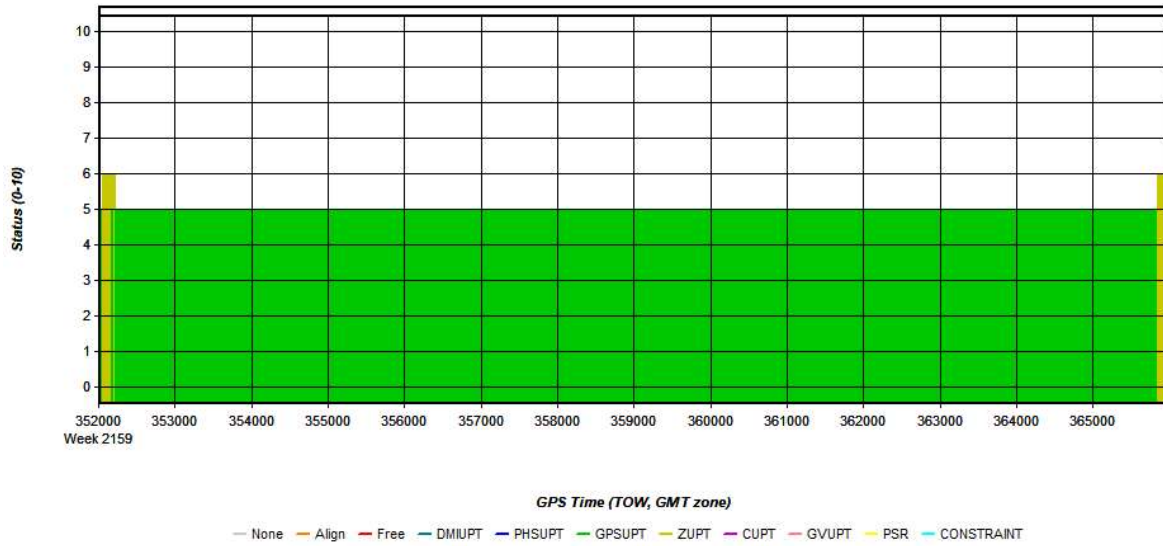
Process	20210527_014520_40	by Unknown	on 5/28/2021	at 15:02:42
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Figure 7: 20210527_014520_40 [Smoothed TC Combined] - Number of Satellites Line Plot



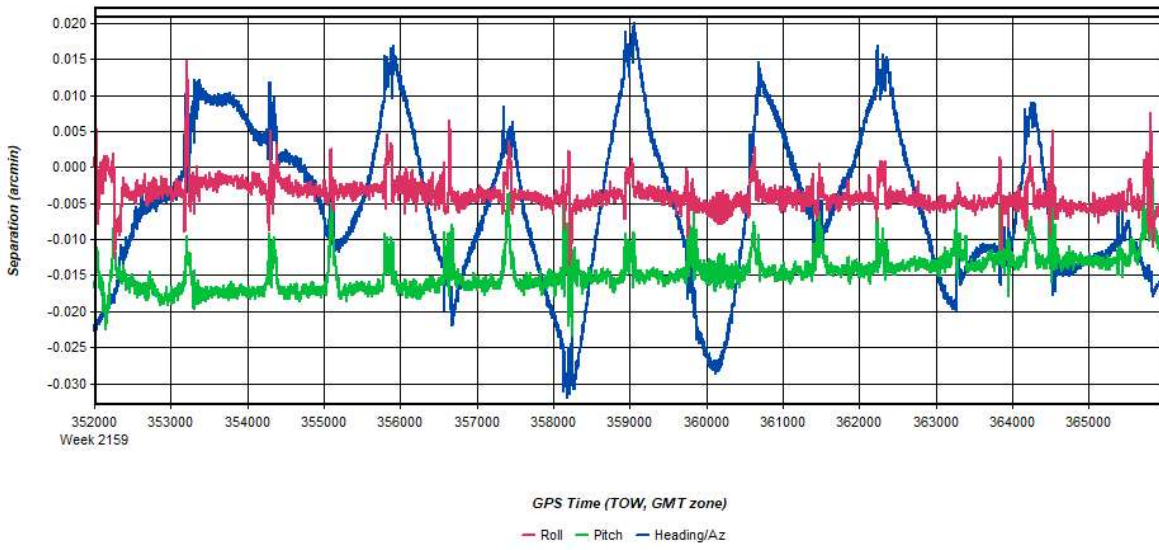
Process	20210527_014520_40	by Unknown	on 5/28/2021	at 15:02:42
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Figure 8: 20210527_014520_40 [Smoothed TC Combined] - Status flag for IMU processing



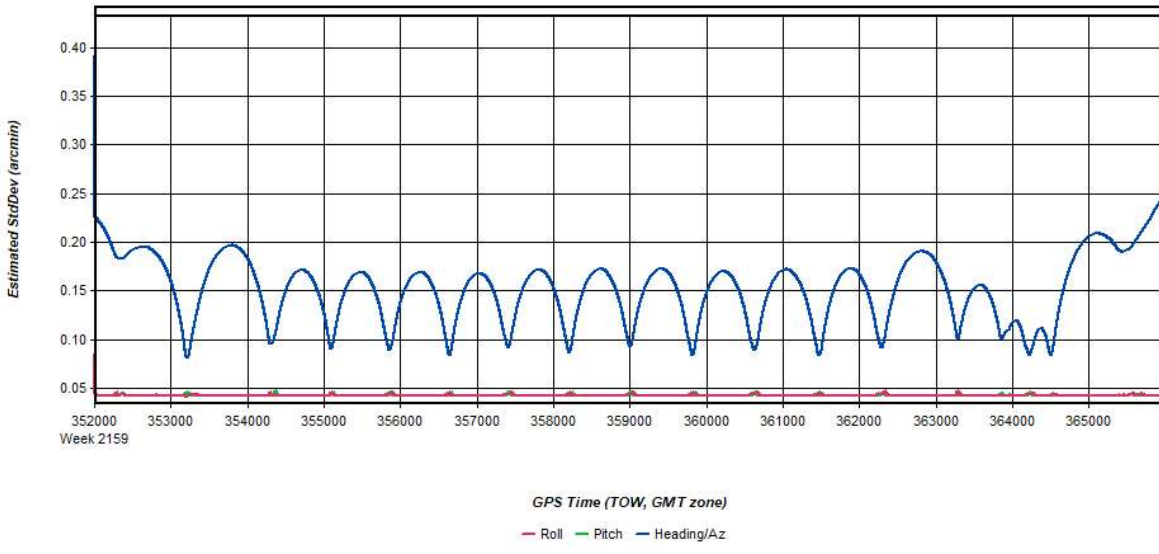
Process	20210527_014520_40	by Unknown	on 5/28/2021	at 15:02:42
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Figure 9: 20210527_014520_40 [Smoothed TC Combined] - Fwd/Rev Attitude Separation Plot



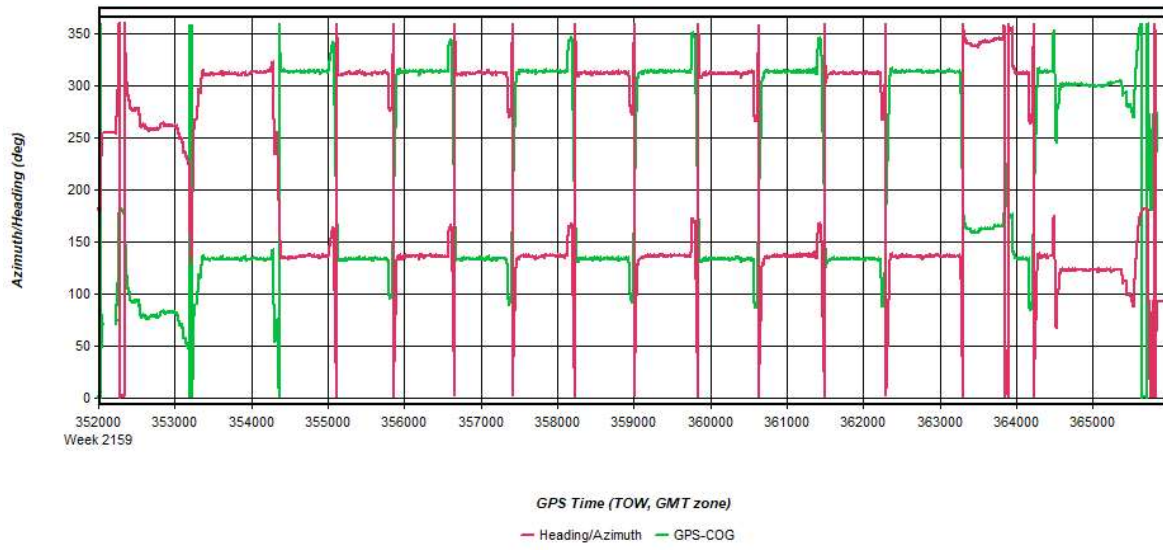
Process	20210527_014520_40	by Unknown	on 5/28/2021	at 15:02:42
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Figure 10: 20210527_014520_40 [Smoothed TC Combined] - Estimated Attitude Accuracy Plot



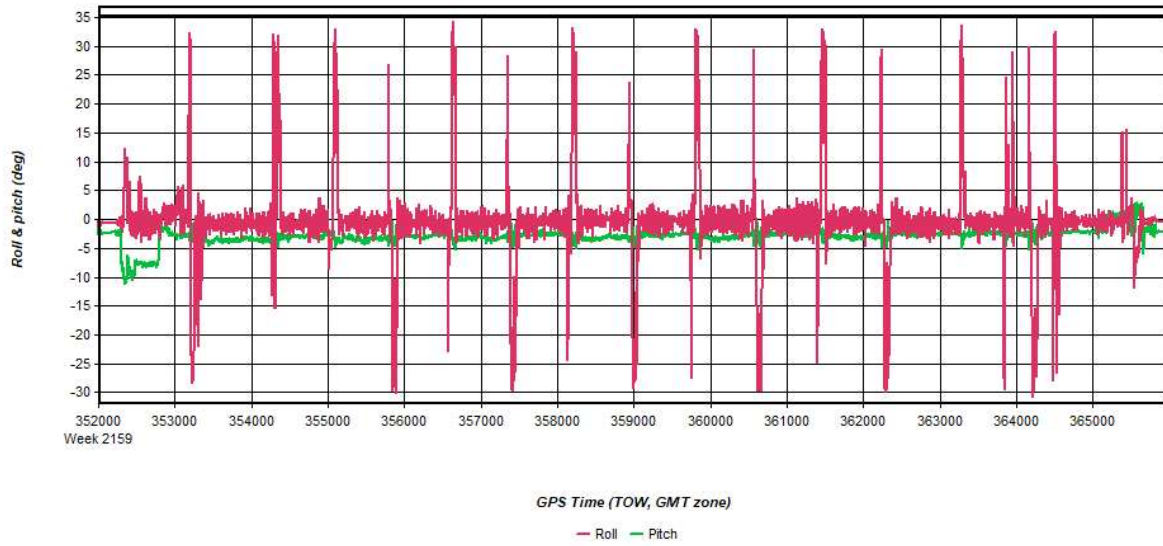
Process	20210527_014520_40	by Unknown	on 5/28/2021	at 15:02:42
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Figure 11: 20210527_014520_40 [Smoothed TC Combined] - Azimuth Plot



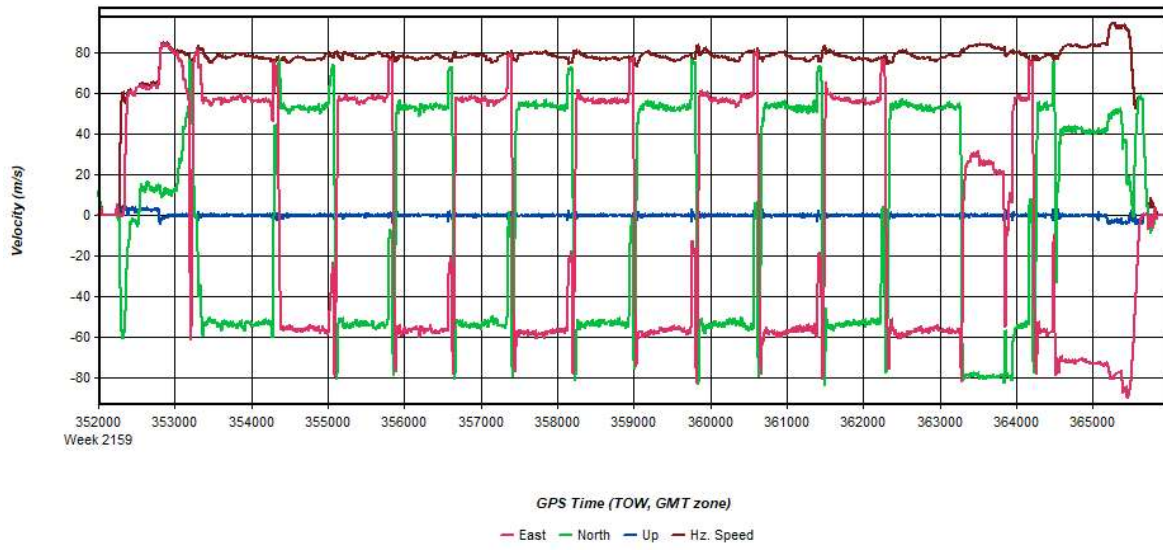
Process	20210527_014520_40	by Unknown	on 5/28/2021	at 15:02:42
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Figure 12: 20210527_014520_40 [Smoothed TC Combined] - Roll & Pitch Plot



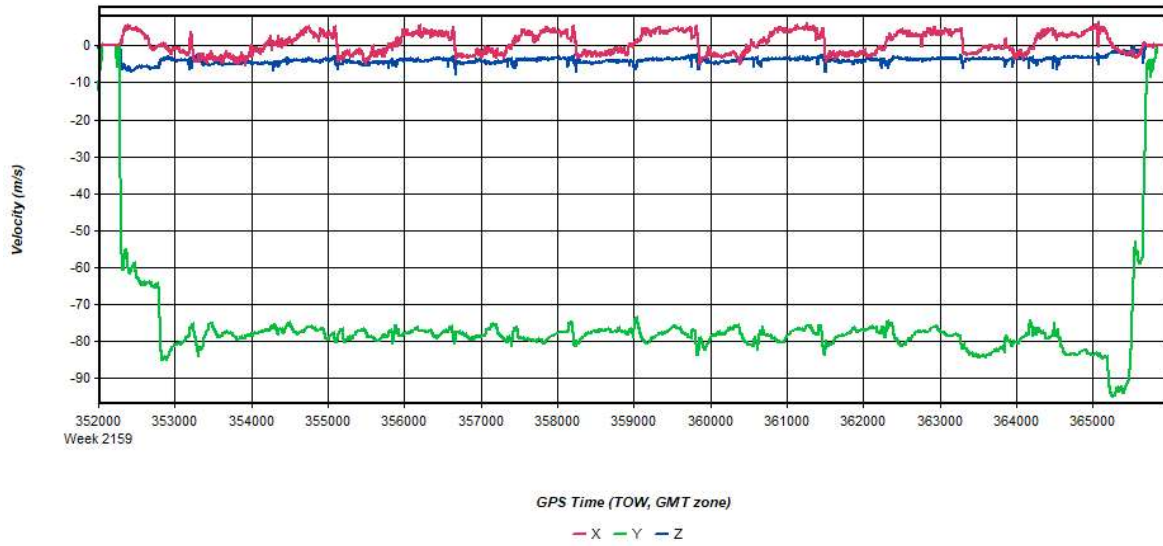
Process	20210527_014520_40	by Unknown	on 5/28/2021	at 15:02:42
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Figure 13: 20210527_014520_40 [Smoothed TC Combined] - Velocity Profile Plot



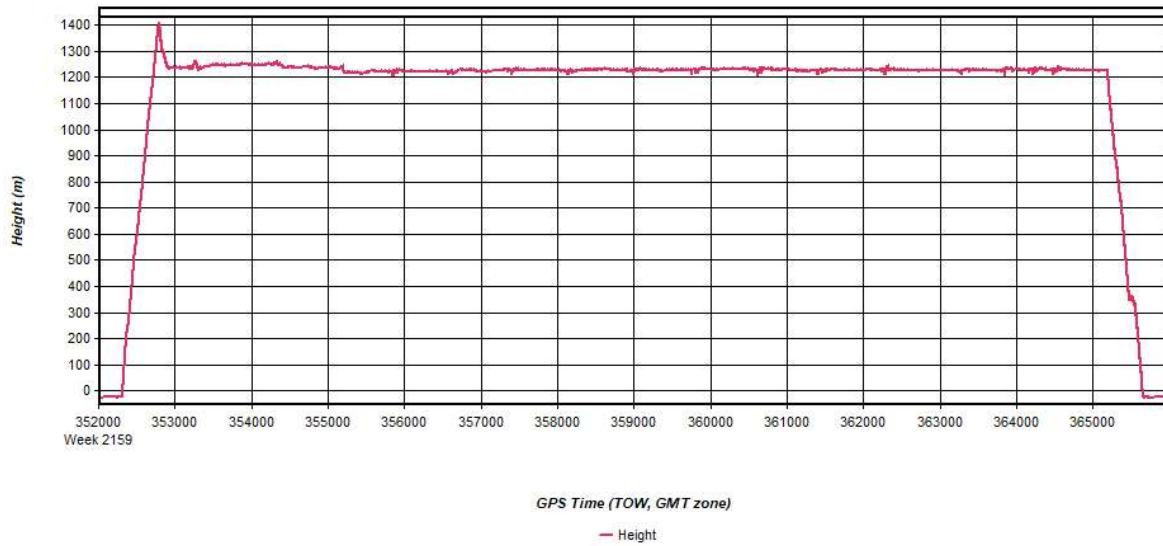
Process	20210527_014520_40	by Unknown	on 5/28/2021	at 15:02:42
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Figure 14: 20210527_014520_40 [Smoothed TC Combined] - Body Frame Velocity Plot



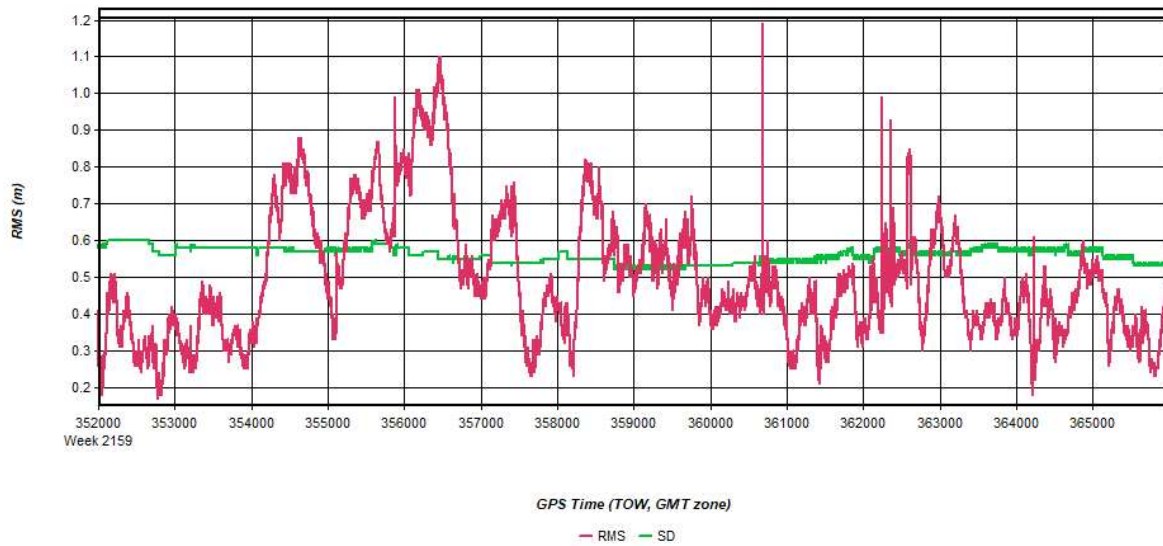
Process	20210527_014520_40	by Unknown	on 5/28/2021	at 15:02:42
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Figure 15: 20210527_014520_40 [Smoothed TC Combined] - Height Profile Plot



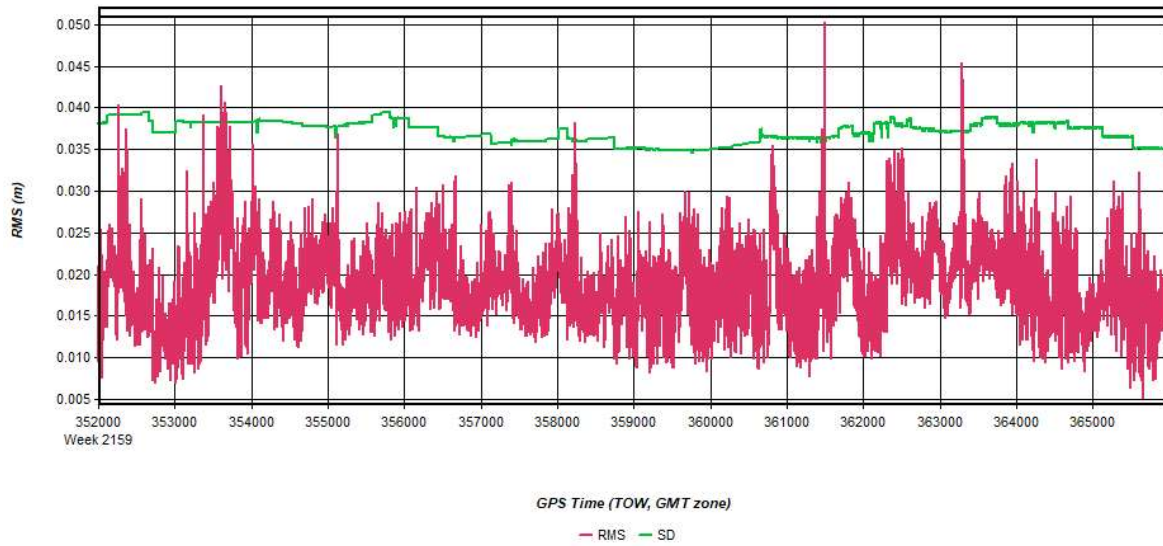
Process	20210527_014520_40	by Unknown	on 5/28/2021	at 15:02:42
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Figure 16: 20210527_014520_40 [Smoothed TC Combined] - C/A Code Residual RMS Plot



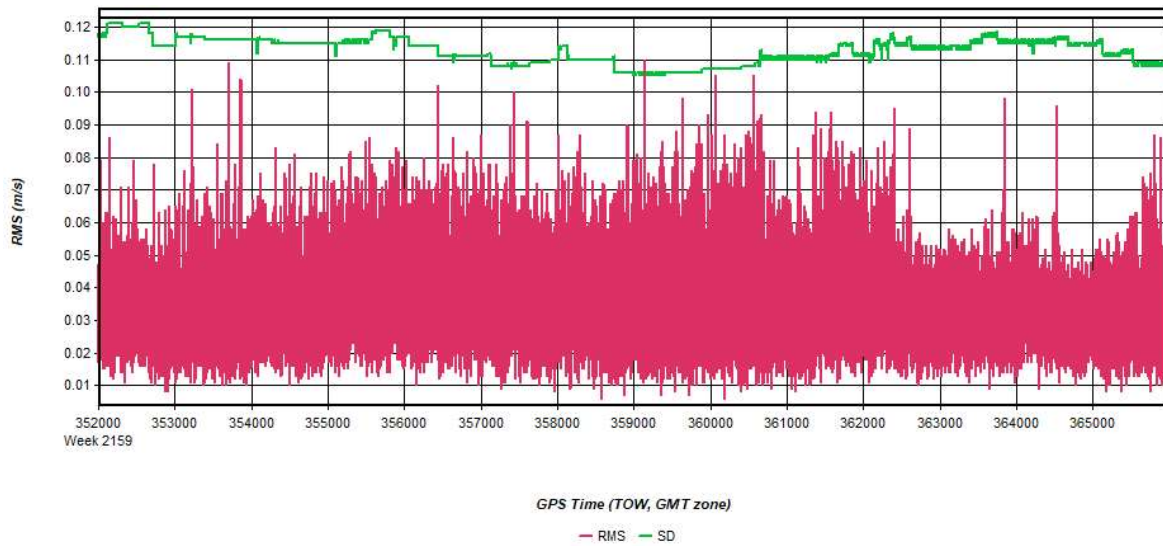
Process	20210527_014520_40	by Unknown	on 5/28/2021	at 15:02:42
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Figure 17: 20210527_014520_40 [Smoothed TC Combined] - Carrier Residual RMS Plot



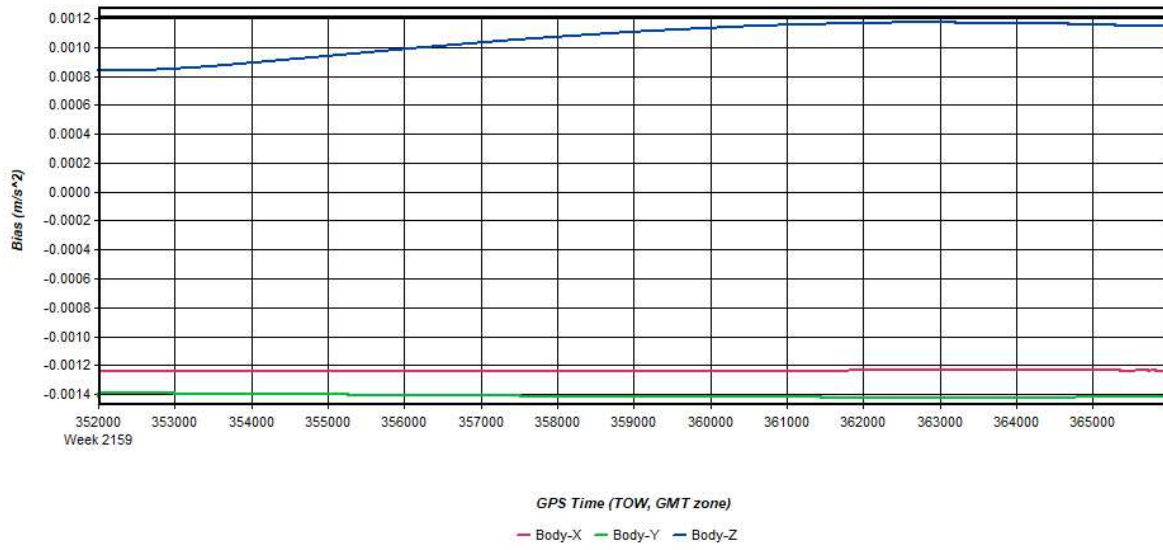
Process	20210527_014520_40	by Unknown	on 5/28/2021	at 15:02:42
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Figure 18: 20210527_014520_40 [Smoothed TC Combined] - L1 Doppler Residual RMS Plot



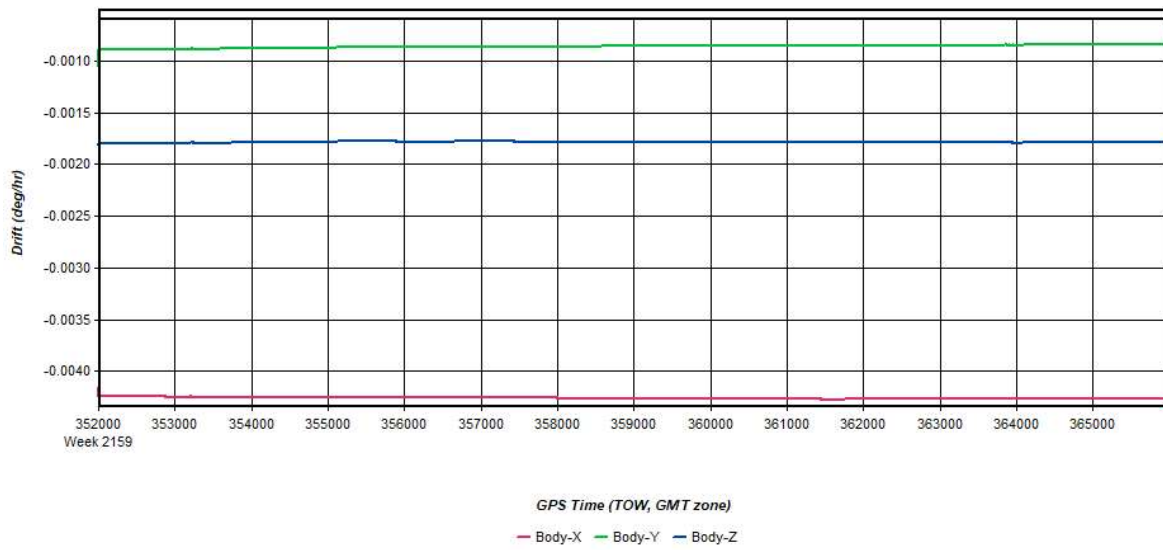
Process	20210527_014520_40	by Unknown	on 5/28/2021	at 15:02:42
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Figure 19: 20210527_014520_40 [Smoothed TC Combined] - Accelerometer Bias Plot



Process	20210527_014520_40	by Unknown	on 5/28/2021	at 15:02:42
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Figure 20: 20210527_014520_40 [Smoothed TC Combined] - Gyro Drift Plot



Process	20210527_014520_40	by Unknown	on 5/28/2021	at 15:02:42
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Output Results for 20210527_230832_41

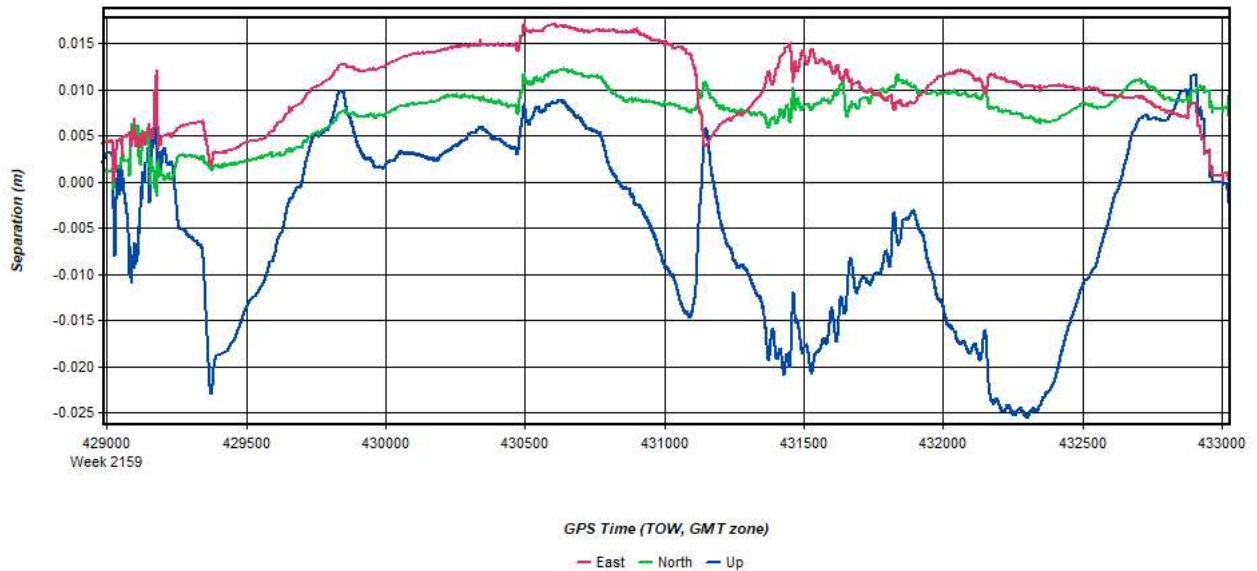
Inertial Explorer Version 8.90.2124
05/28/2021

Figure 1: Smoothed TC Combined - Map



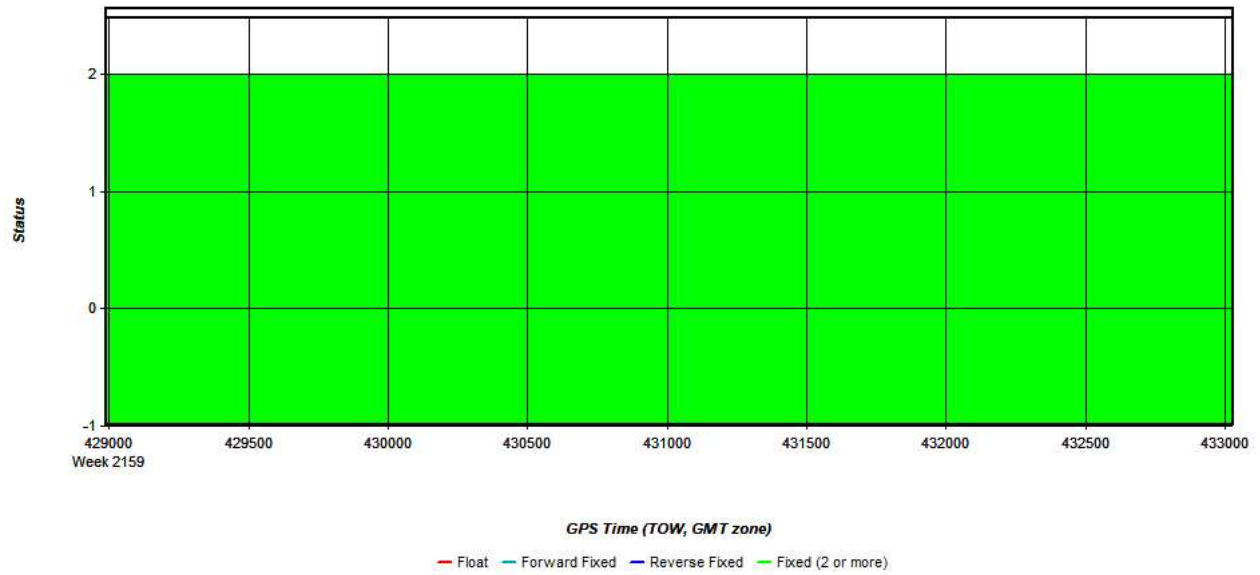
Process	20210527_230832_41	by Unknown	on 5/28/2021	at 14:13:58
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Figure 2: 20210527_230832_41 [Smoothed TC Combined] - Forward/Reverse or Combined Separation Plot



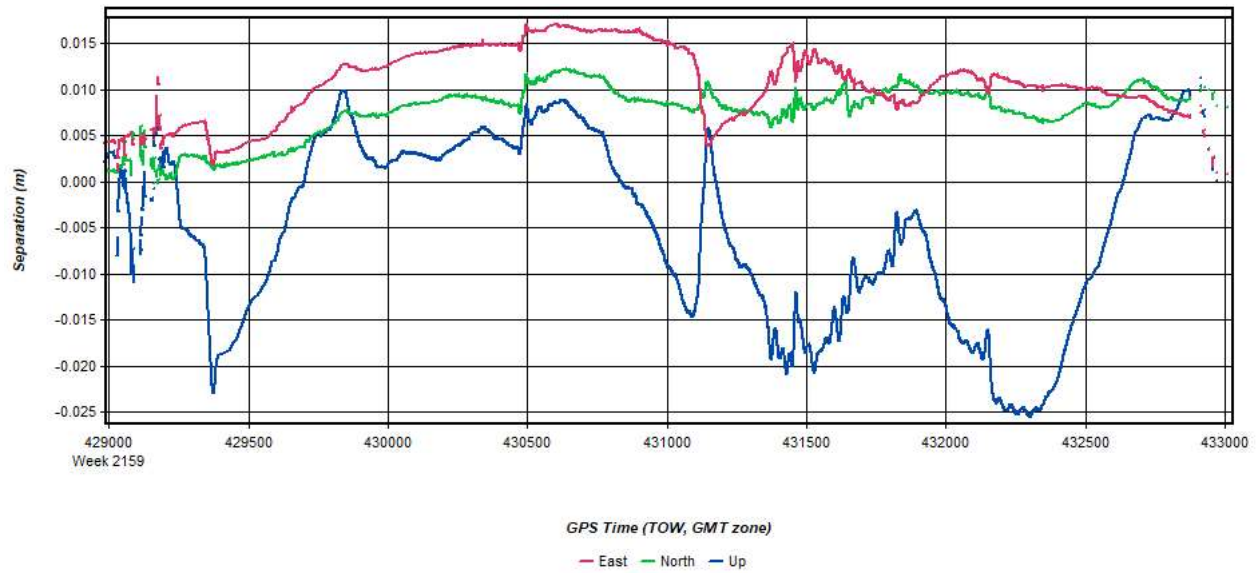
Process	20210527_230832_41	by Unknown	on 5/28/2021	at 14:13:58
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Figure 3: 20210527_230832_41 [Smoothed TC Combined] - Float or Fixed Ambiguity



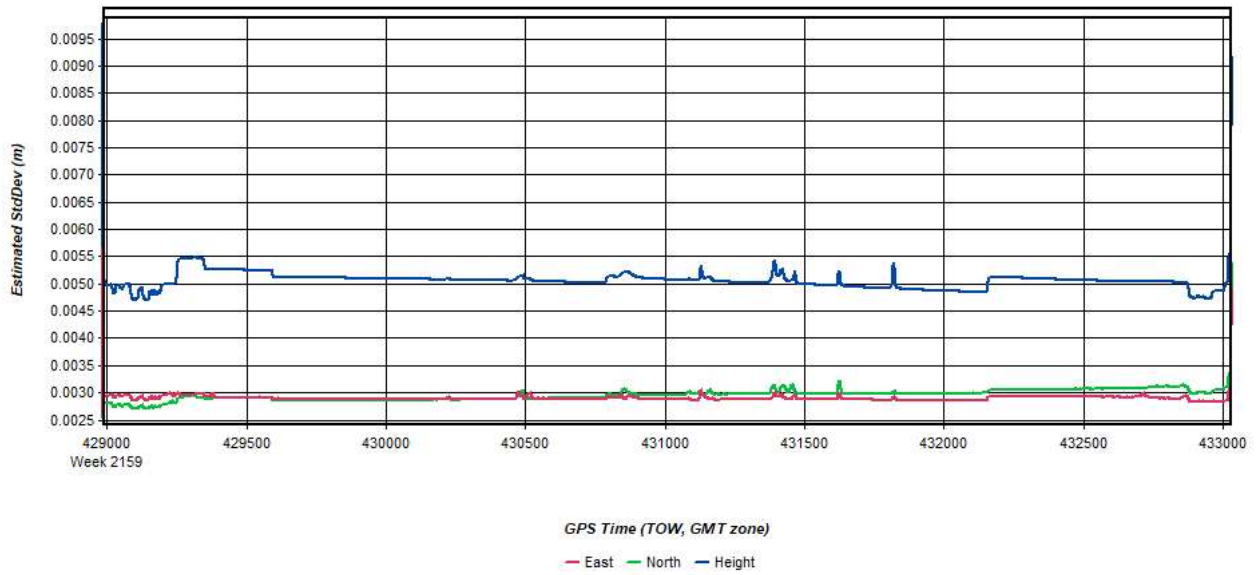
Process	20210527_230832_41	by Unknown	on 5/28/2021	at 14:13:58
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Figure 4: 20210527_230832_41 [Smoothed TC Combined] - Forward/Reverse Separation Plot (Fixed)



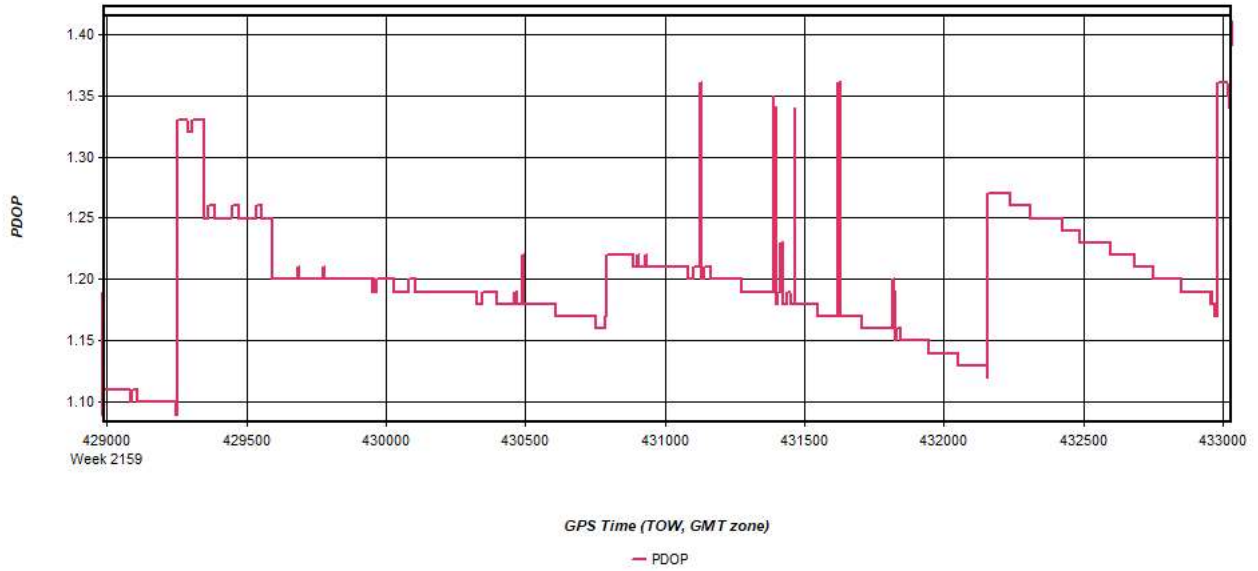
Process	20210527_230832_41	by Unknown	on 5/28/2021	at 14:13:58
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Figure 5: 20210527_230832_41 [Smoothed TC Combined] - Estimated Position Accuracy Plot



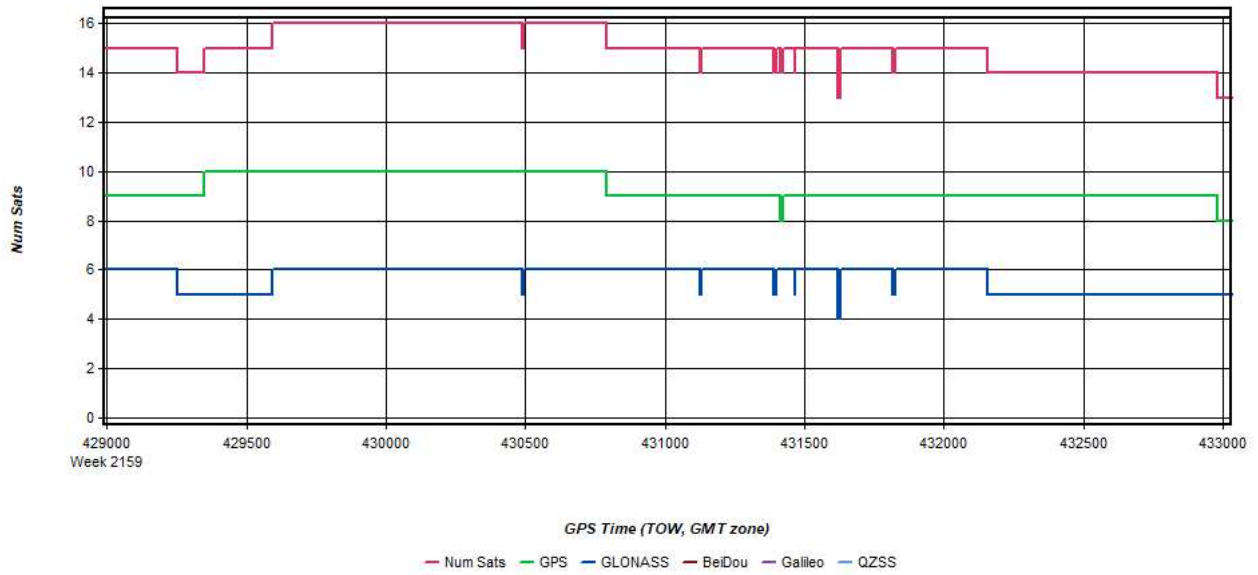
Process	20210527_230832_41	by Unknown	on 5/28/2021	at 14:13:58
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Figure 6: 20210527_230832_41 [Smoothed TC Combined] - PDOP Plot



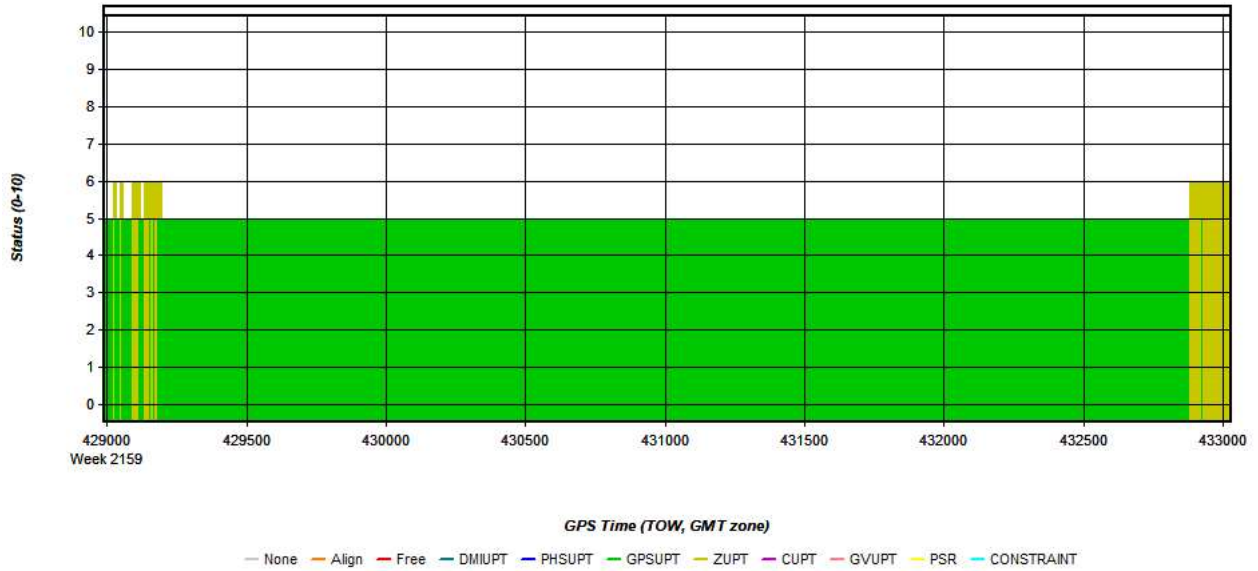
Process	20210527_230832_41	by Unknown	on 5/28/2021	at 14:13:58
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Figure 7: 20210527_230832_41 [Smoothed TC Combined] - Number of Satellites Line Plot



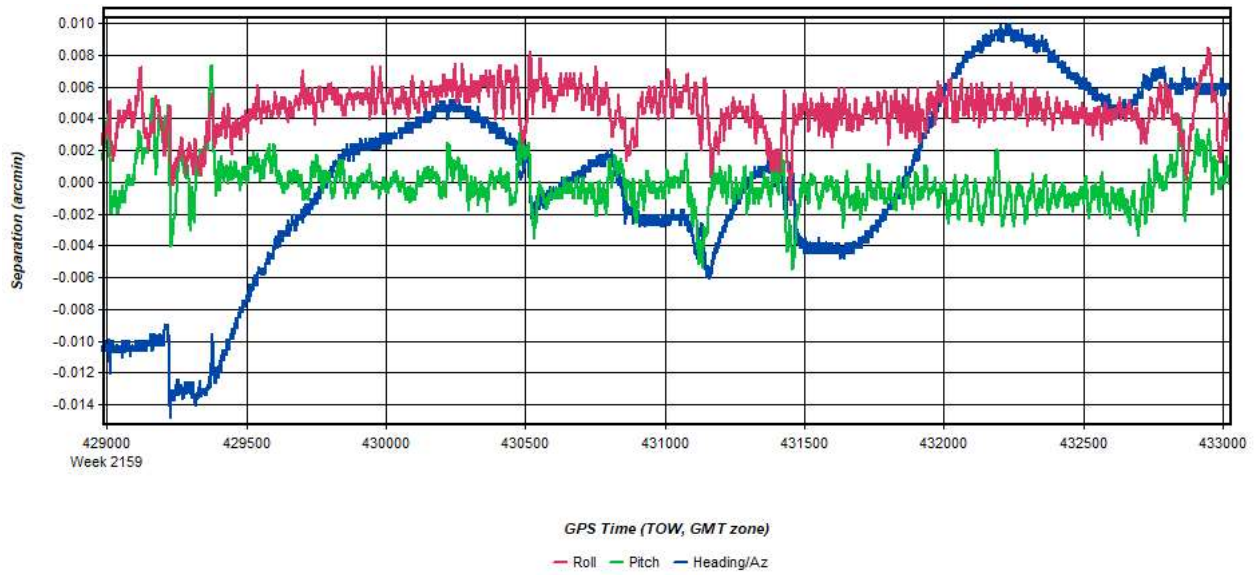
Process	20210527_230832_41	by Unknown	on 5/28/2021	at 14:13:58
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Figure 8: 20210527_230832_41 [Smoothed TC Combined] - Status flag for IMU processing



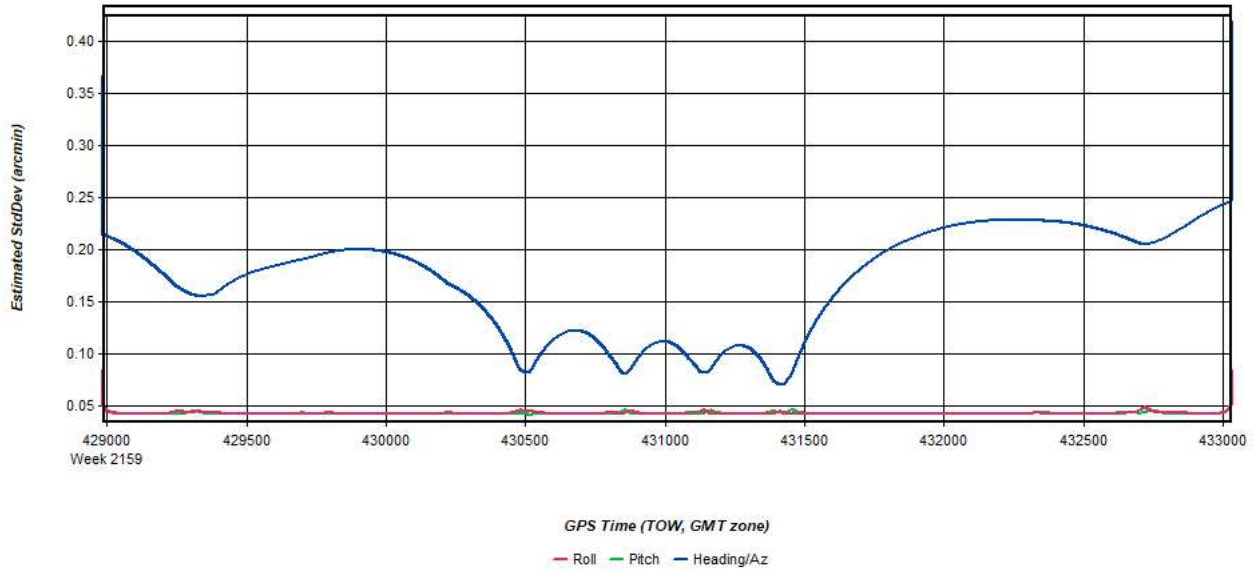
Process	20210527_230832_41	by Unknown	on 5/28/2021	at 14:13:58
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Figure 9: 20210527_230832_41 [Smoothed TC Combined] - Fwd/Rev Attitude Separation Plot



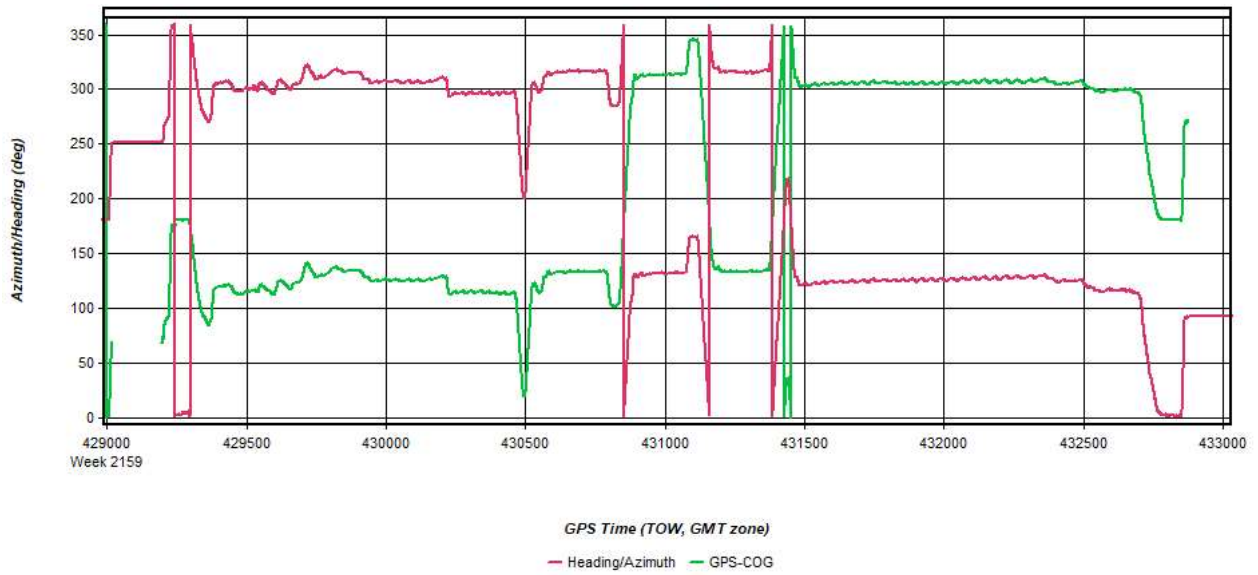
Process	20210527_230832_41	by Unknown	on 5/28/2021	at 14:13:58
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Figure 10: 20210527_230832_41 [Smoothed TC Combined] - Estimated Attitude Accuracy Plot



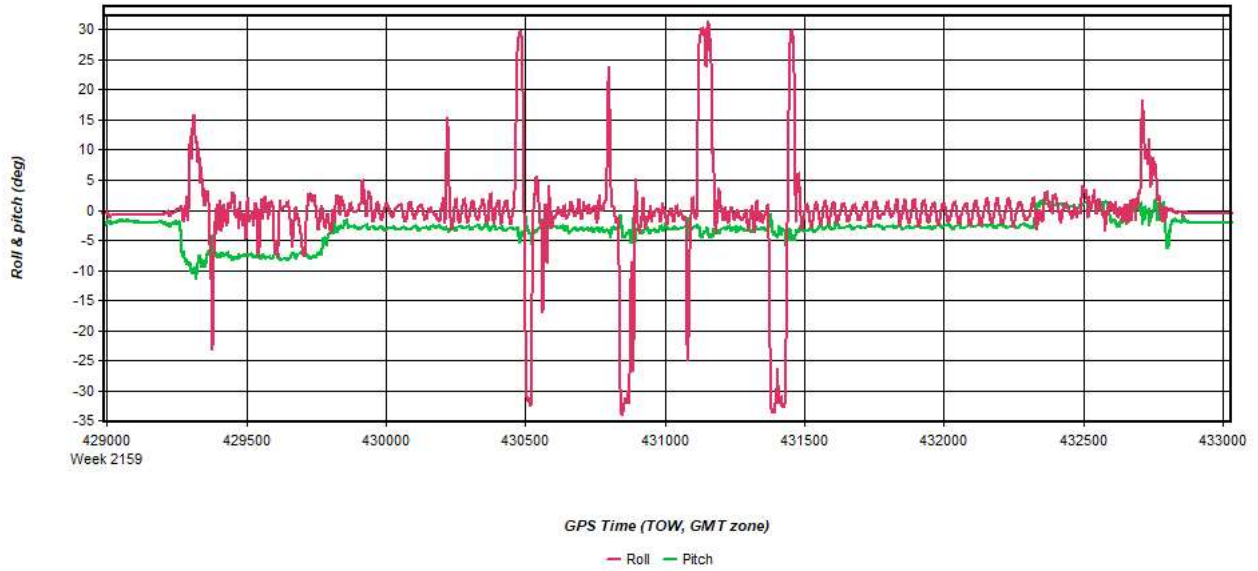
Process	20210527_230832_41	by Unknown	on 5/28/2021	at 14:13:58
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Figure 11: 20210527_230832_41 [Smoothed TC Combined] - Azimuth Plot



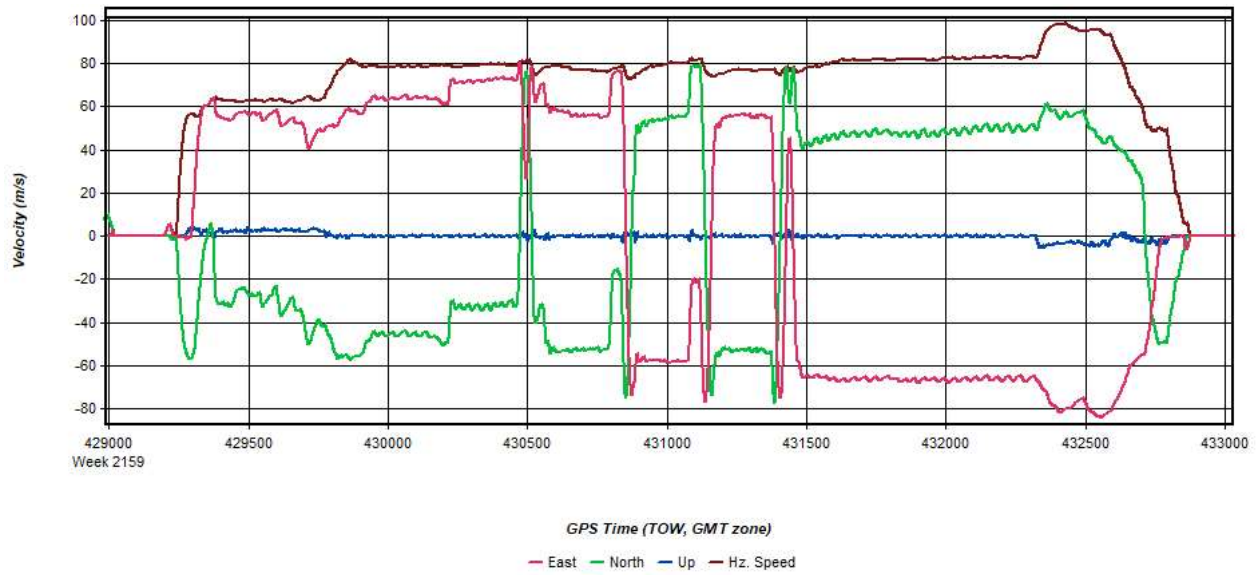
Process	20210527_230832_41	by Unknown	on 5/28/2021	at 14:13:58
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Figure 12: 20210527_230832_41 [Smoothed TC Combined] - Roll & Pitch Plot



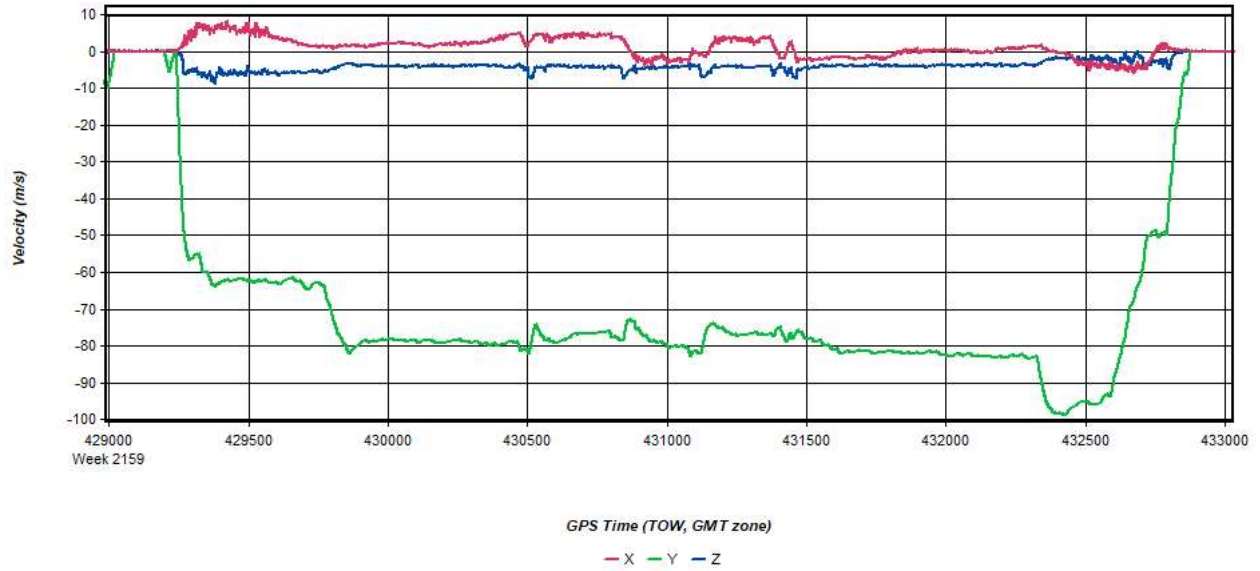
Process	20210527_230832_41	by Unknown	on 5/28/2021	at 14:13:58
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Figure 13: 20210527_230832_41 [Smoothed TC Combined] - Velocity Profile Plot



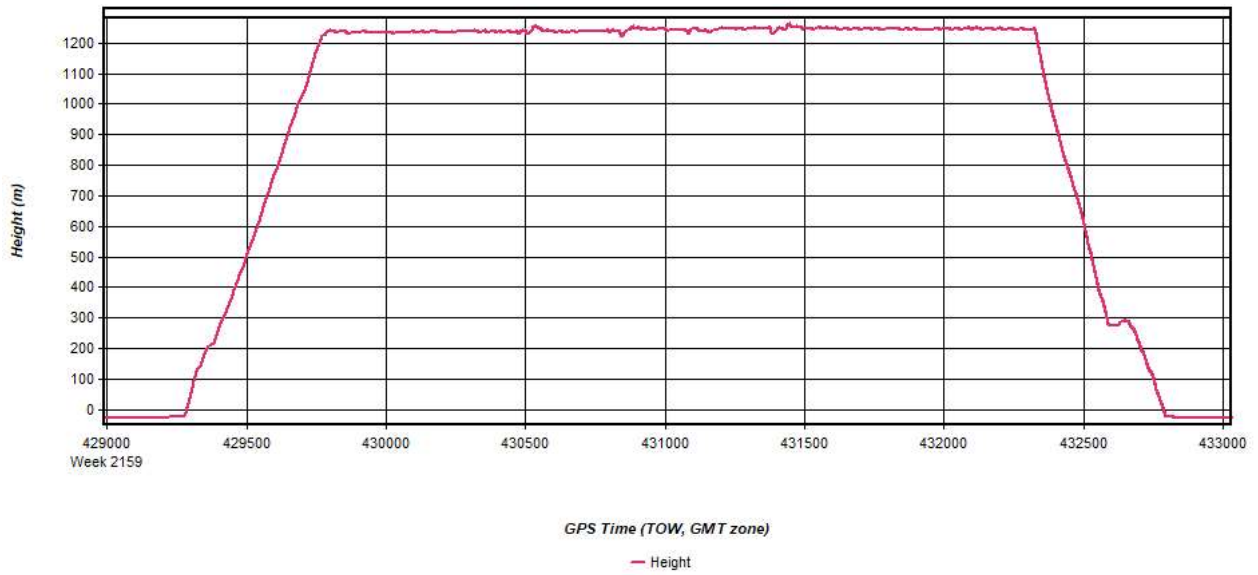
Process	20210527_230832_41	by Unknown	on 5/28/2021	at 14:13:58
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Figure 14: 20210527_230832_41 [Smoothed TC Combined] - Body Frame Velocity Plot



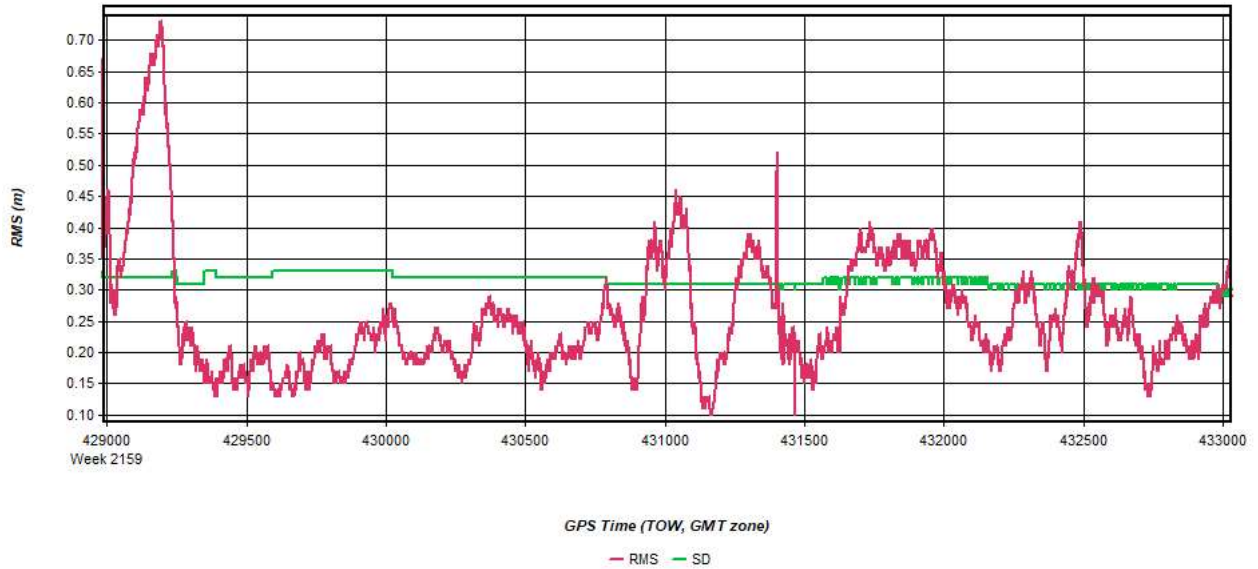
Process	20210527_230832_41	by Unknown	on 5/28/2021	at 14:13:58
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Figure 15: 20210527_230832_41 [Smoothed TC Combined] - Height Profile Plot



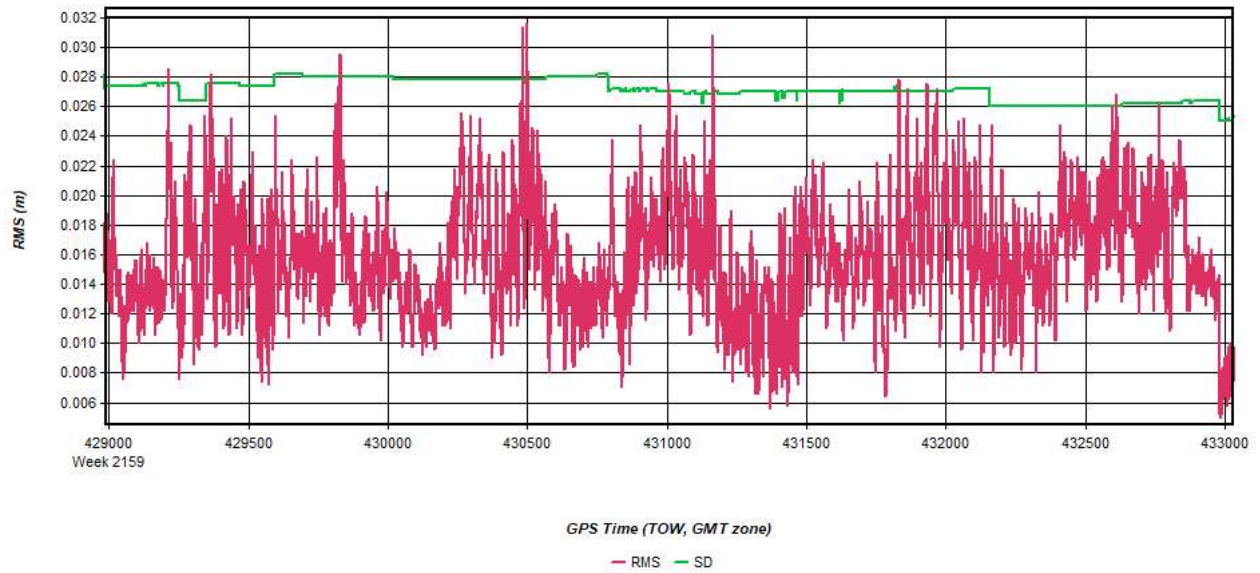
Process	20210527_230832_41	by Unknown	on 5/28/2021	at 14:13:58
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Figure 16: 20210527_230832_41 [Smoothed TC Combined] - C/A Code Residual RMS Plot



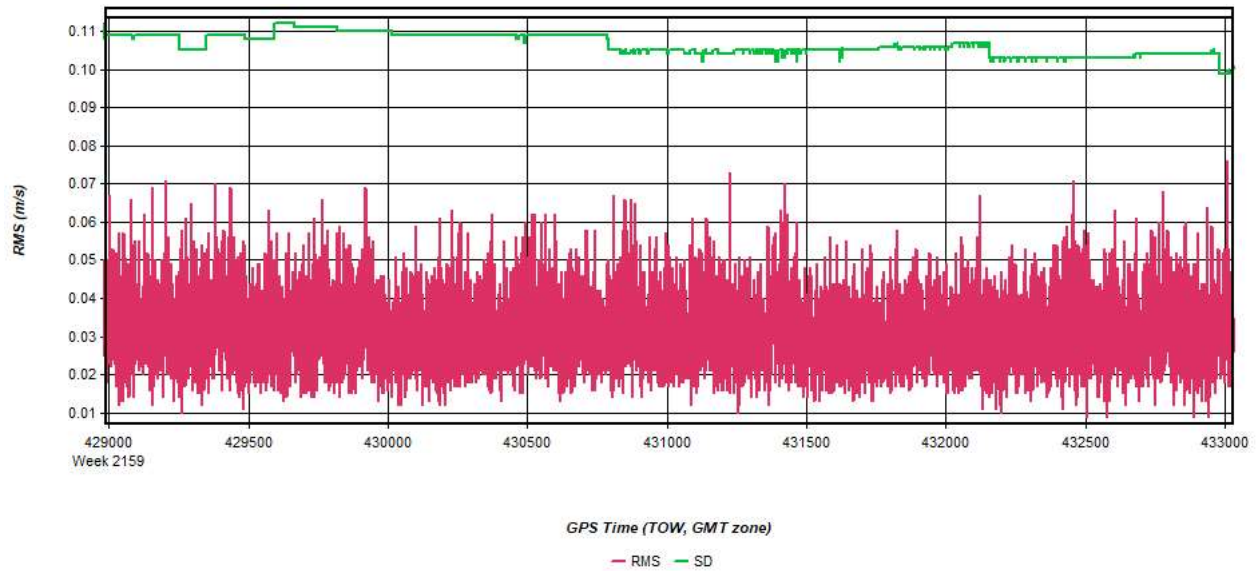
Process	20210527_230832_41	by Unknown	on 5/28/2021	at 14:13:58
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Figure 17: 20210527_230832_41 [Smoothed TC Combined] - Carrier Residual RMS Plot



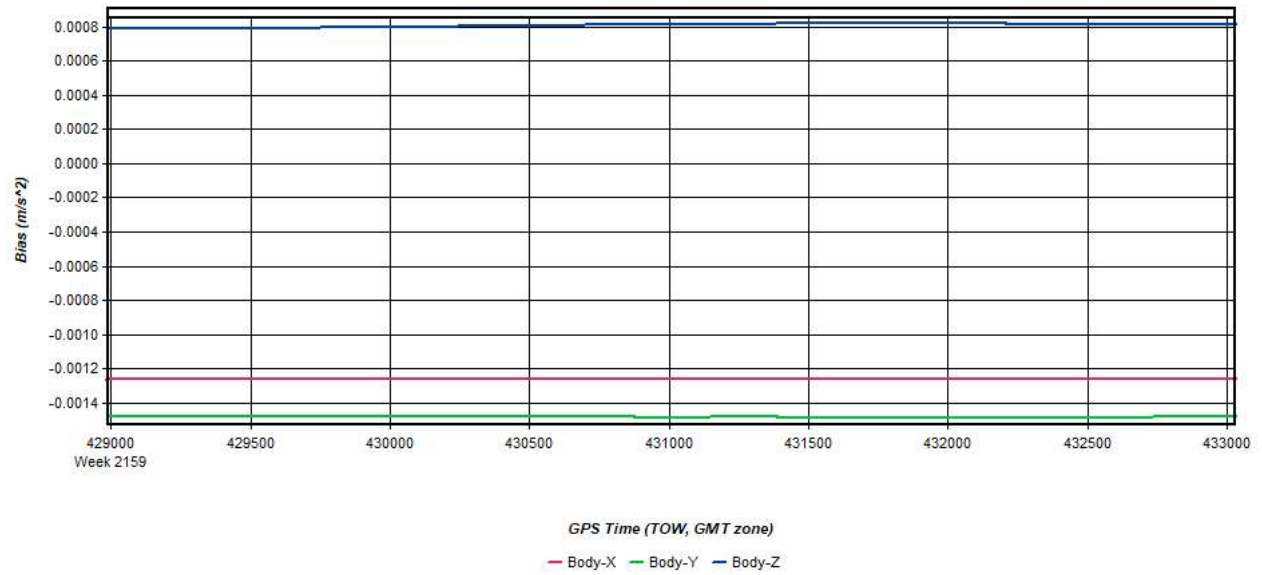
Process	20210527_230832_41	by Unknown	on 5/28/2021	at 14:13:58
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Figure 18: 20210527_230832_41 [Smoothed TC Combined] - L1 Doppler Residual RMS Plot



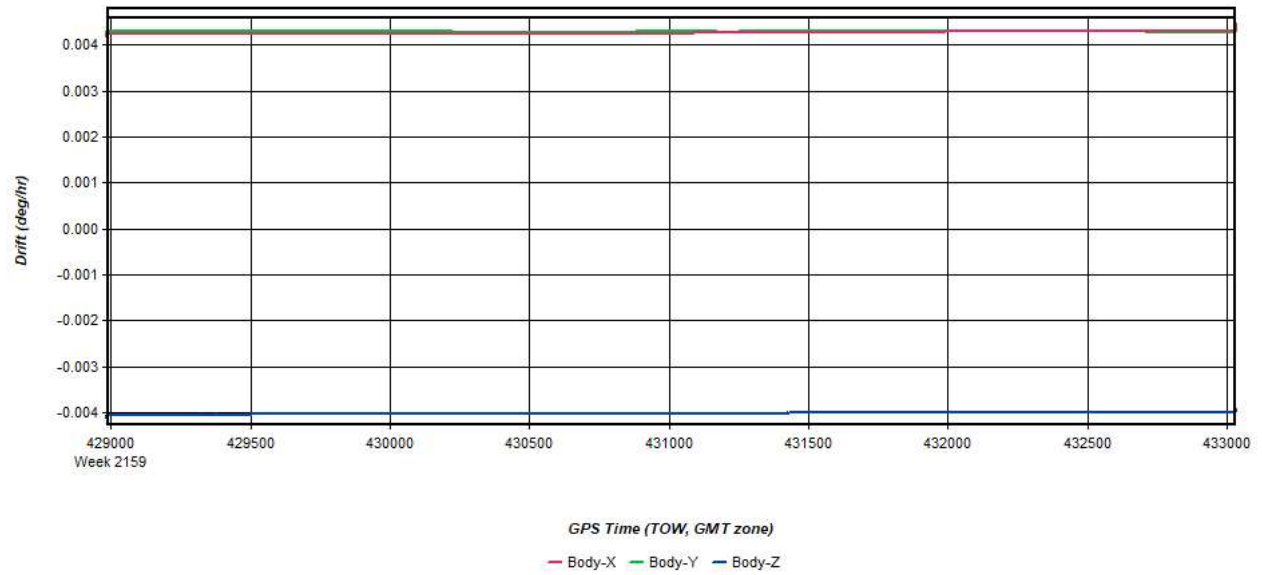
Process	20210527_230832_41	by Unknown	on 5/28/2021	at 14:13:58
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Figure 19: 20210527_230832_41 [Smoothed TC Combined] - Accelerometer Bias Plot



Process	20210527_230832_41	by Unknown	on 5/28/2021	at 14:13:58
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Figure 20: 20210527_230832_41 [Smoothed TC Combined] - Gyro Drift Plot



Process	20210527_230832_41	by Unknown	on 5/28/2021	at 14:13:58
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Appendix D: Tide Windows

Tide Predictions

Threshold : Less than or equal to -0.15

Units: Metric

Time Zone: LST_LDT Times that are Highlighted means time overlap

Datum: MSL

Station Name	Date	Start Time	End Time	Start Time	End Time
Grand Isle	2021/03/02	6:45 PM	12:15 AM		
Grand Isle	2021/03/03	7:30 PM	11:45 PM		
Grand Isle	2021/03/04	12:00 AM	4:00 AM	8:30 PM	11:45 PM *
Grand Isle	2021/03/05	12:00 AM	5:45 AM	9:30 PM	11:45 PM *
Grand Isle	2021/03/06	12:00 AM	7:00 AM	10:45 PM	11:45 PM *
Grand Isle	2021/03/07	12:00 AM	8:15 AM		
Grand Isle	2021/03/08	12:00 AM	9:15 AM		
Grand Isle	2021/03/09	1:15 AM	10:15 AM		
Grand Isle	2021/03/10	2:30 AM	11:00 AM		
Grand Isle	2021/03/11	3:45 AM	11:15 AM		
Grand Isle	2021/03/12	5:15 AM	10:30 AM		
Grand Isle	2021/03/17	9:45 PM	11:45 PM		
Grand Isle	2021/03/18	12:00 AM	1:00 AM	10:00 PM	11:45 PM *
Grand Isle	2021/03/19	12:00 AM	3:15 AM	10:30 PM	11:45 PM *
Grand Isle	2021/03/20	12:00 AM	5:00 AM	11:30 PM	11:45 PM *
Grand Isle	2021/03/21	12:00 AM	6:15 AM		
Grand Isle	2021/03/22	12:30 AM	7:15 AM		
Grand Isle	2021/03/23	1:30 AM	8:15 AM		
Grand Isle	2021/03/24	2:30 AM	9:00 AM		
Grand Isle	2021/03/25	3:30 AM	9:30 AM		
Grand Isle	2021/03/26	5:15 AM	9:15 AM		
Grand Isle	2021/03/30	7:30 PM	11:45 PM		
Grand Isle	2021/03/31	7:45 PM	11:45 PM		
Shell Beach	2021/03/01	10:00 AM	2:15 AM	9:30 PM	11:45 PM *
Shell Beach	2021/03/02	12:00 AM	1:45AM	9:45 PM	11:45 PM *
Shell Beach	2021/03/03	12:00 AM	5:15 AM	10:15 PM	11:45 PM *
Shell Beach	2021/03/04	12:00 AM	8:45 AM	11:00 PM	11:45 PM *
Shell Beach	2021/03/05	12:00 AM	10:30 AM		
Shell Beach	2021/03/06	12:00 AM	11:45 AM		
Shell Beach	2021/03/07	1:30 AM	12:45 PM		
Shell Beach	2021/03/08	3:15 AM	1:30 PM		
Shell Beach	2021/03/09	4:45 AM	2:15 PM		

Shell Beach	2021/03/10	6:00 AM	3:00 PM		
Shell Beach	2021/03/11	7:00 AM	3:15 PM		
Shell Beach	2021/03/12	8:00 AM	3:15 PM		
Shell Beach	2021/03/13	9:00 AM	2:00 PM		
Shell Beach	2021/03/14	11:30 AM	12:15 PM	11:30 PM	11:45 PM *
Shell Beach	2021/03/15	12:00 AM	12:30 AM	10:30 PM	11:45 PM *
Shell Beach	2021/03/16	12:00 AM	3:15 AM	10:30 PM	11:45 PM *
Shell Beach	2021/03/17	12:00 AM	5:15 AM	10:45 PM	11:45 PM *
Shell Beach	2021/03/18	12:00 AM	7:30 AM	11:15 PM	11:45 PM *
Shell Beach	2021/03/19	12:00 AM	9:15 AM		
Shell Beach	2021/03/20	12:00 AM	10:30 AM		
Shell Beach	2021/03/21	1:15 AM	11:30 AM		
Shell Beach	2021/03/22	3:00 AM	12:30 PM		
Shell Beach	2021/03/23	4:45 PM	1:15 PM		
Shell Beach	2021/03/24	6:00 AM	1:45 PM		
Shell Beach	2021/03/25	7:00 AM	2:15 PM		
Shell Beach	2021/03/26	8:15 AM	2:15 PM		
Shell Beach	2021/03/27	9:45 AM	1:30 PM		
Shell Beach	2021/03/29	10:30 PM	11:45 PM		
Shell Beach	2021/03/30	12:00 AM	1:30 AM	10:15 PM	11:45 PM *
Shell Beach	2021/03/31	12:00 AM	4:15 AM	10:45 PM	11:45 PM *

Tide Predictions**Threshold : Less than or equal to -0.15****Units: Metric****Time Zone: LST_LDT****Times that are Highlighted means time overlap****Datum: MSL****TIMES That are Hightlighted means short window**

Station Name	Date	Start Time	End Time	Start Time	End Time
Grand Isle	3/23/2021	1:30 AM	8:15 AM		
Grand Isle	3/24/2021	2:30 AM	9:00 AM		
Grand Isle	3/25/2021	3:30 AM	9:30 AM		
Grand Isle	3/26/2021	5:15 AM	9:15 AM		
Grand Isle	3/30/2021	7:15 PM	11:45 PM		
Grand Isle	3/31/2021	7:45 PM	11:45PM		
Grand Isle	4/1/2021	12:00 AM	2:15 AM	8:45 PM	11:45 PM
Grand Isle	4/2/2021	12:00 AM	4:00 AM	10:00 PM	11:45 PM
Grand Isle	4/3/2021	12:00 AM	5:30 AM	11:15 PM	11:45 PM
Grand Isle	4/4/2021	12:00 AM	6:30 AM		
Grand Isle	4/5/2021	12:45 AM	7:15 AM		
Grand Isle	4/6/2021	2:30 AM	7:45 AM		
Grand Isle	4/7/2021	4:30 AM	7:15 AM		
Grand Isle	4/14/2021	9:15 PM	10:30 PM		
Grand Isle	4/15/2021	9:15 PM	11:45 PM		
Grand Isle	4/16/2021	12:00 AM	12:15 AM	10:00 PM	11:45 PM
Grand Isle	4/17/2021	12:00 AM	1:45 AM	10:45 PM	11:45 PM
Grand Isle	4/18/2021	12:00 AM	3:00 AM	11:45 PM	12:00 AM
Grand Isle	4/19/2021	12:00 AM	4:00 AM		
Grand Isle	4/20/2021	1:00 AM	4:45 AM		
Grand Isle	4/21/2021	2:15 AM	5:00 AM		

Shell Beach	3/23/2021	5:00 AM	1:15 PM		
Shell Beach	3/24/2021	6:00 AM	1:45 PM		
Shell Beach	3/25/2021	7:00 AM	2:15 PM		
Shell Beach	3/26/2021	8:15 AM	2:15 PM		
Shell Beach	3/27/2021	9:45 AM	1:30 PM		
Shell Beach	3/29/2021	10:30 AM	11:45 PM		
Shell Beach	3/30/2021	12:00 AM	1:30 AM	10:15 PM	11:45 PM
Shell Beach	3/31/2021	12:00 AM	4:15 AM	10:45 PM	11:45 PM
Shell Beach	4/1/2021	12:00 AM	6:30 AM	10:30 PM	11:45 PM
Shell Beach	4/2/2021	12:00 AM	8:15 AM		
Shell Beach	4/3/2021	12:30 AM	9:45 AM		
Shell Beach	4/4/2021	2:15 AM	11:00 AM		
Shell Beach	4/5/2021	4:15 AM	12:00 PM		
Shell Beach	4/6/2021	6:00 AM	12:45 PM		
Shell Beach	4/7/2021	7:15 AM	1:00 PM		
Shell Beach	4/8/2021	9:00 AM	12:30 PM		
Shell Beach	4/12/2021	10:30 PM	11:45 PM		
Shell Beach	4/13/2021	12:00 AM	2:00 AM	10:15 PM	11:45 PM
Shell Beach	4/14/2021	12:00 AM	3:30 AM	10:30 PM	11:45 PM
Shell Beach	4/15/2021	12:00 AM	4:30 AM	10:45 PM	11:45 PM
Shell Beach	4/16/2021	12:00 AM	5:30 AM	11:30 PM	11:45 PM
Shell Beach	4/17/2021	12:00 AM	6:45 AM		
Shell Beach	4/18/2021	12:45 AM	8:15 AM		
Shell Beach	4/19/2021	2:15 AM	9:30 AM		
Shell Beach	4/20/2021	4:00 AM	10:30 AM		
Shell Beach	4/21/2021	5:30 AM	11:00 AM		
Shell Beach	4/22/2021	6:45 AM	11:00 AM		

Tide Predictions

Threshold : Less than or equal to -0.15

Units: Metric

Time Zone: LST_LDT Times that are Highlighted means time overlap

Datum: MSL TIMES That are Highlighted means short window

Station Name	Date	Start Time	End Time	Start Time	End Time	
Grand Isle	2021-04-26			6:30 PM	8:15 PM	1.75
Grand Isle	2021-04-27			6:00 PM	11:15 PM	5.25
Grand Isle	2021-04-28			6:30 PM	12:00 AM	6.75
Grand Isle	2021-04-29	12:00 AM	1:15 AM	7:30 PM	12:00 AM	7.00
Grand Isle	2021-04-30	12:00 AM	2:30 AM	8:45 PM	12:00 AM	7.00
Grand Isle	2021-05-01	12:00 AM	3:45 AM	10:00 PM	12:00 AM	6.50
Grand Isle	2021-05-02	12:00 AM	4:30 AM	11:45 PM	12:00 AM	5.25
Grand Isle	2021-05-03	12:00 AM	5:00 AM			5.00
Grand Isle	2021-05-04	2:00 AM	4:45 AM			2.75
Grand Isle	2021-05-05					
Grand Isle	2021-05-06					
Grand Isle	2021-05-07					
Grand Isle	2021-05-08					
Grand Isle	2021-05-09					
Grand Isle	2021-05-10					
Grand Isle	2021-05-11			7:15 PM	9:45 PM	2.50
Grand Isle	2021-05-12			7:15 PM	11:15 PM	4.00
Grand Isle	2021-05-13			7:30 PM	12:00 AM	4.75
Grand Isle	2021-05-14	12:00 AM	12:15 AM	8:15 PM	12:00 AM	5.00
Grand Isle	2021-05-15	12:00 AM	1:15 AM	9:00 PM	12:00 AM	5.00
Grand Isle	2021-05-16	12:00 AM	2:00 AM	9:45 PM	12:00 AM	5.00
Grand Isle	2021-05-17	12:00 AM	2:45 AM	11:00 PM	12:00 AM	4.25
Grand Isle	2021-05-18	12:00 AM	3:15 AM			3.25
Grand Isle	2021-05-19	12:30 AM	3:00 AM			2.50
Grand Isle	2021-05-20					
Grand Isle	2021-05-21					
Grand Isle	2021-05-22					
Grand Isle	2021-05-23					
Grand Isle	2021-05-24			4:45 PM	9:15 PM	3.45
Grand Isle	2021-05-25			4:45 PM	11:15 PM	6.50
Grand Isle	2021-05-26			5:15 PM	11:45 PM *	6.50
Grand Isle	2021-05-27	12:00 AM	12:45 AM	6:15 PM	2:00 AM	6.25
Shell Beach	2021-04-26	12:00 AM	1:30 AM	9:45 PM	11:45 PM *	5.50
Shell Beach	2021-04-27	12:00 AM	1:15 AM	9:30 PM	11:45 PM *	2.25
Shell Beach	2021-04-28	12:00 AM	3:30 AM	10:00 PM	11:45 PM *	1.75
Shell Beach	2021-04-29	12:00 AM	5:15 AM	10:45 PM	11:45 PM *	1.00
Shell Beach	2021-04-30	12:00 AM	6:30 AM			5.50
Shell Beach	2021-05-01	12:00 AM	7:45 AM			4.25

Shell Beach	2021-05-02	1:30 AM	9:00 AM			7.50
Shell Beach	2021-05-03	3:15 AM	9:45 AM			6.50
Shell Beach	2021-05-04	5:15 AM	10:15 AM			5.00
Shell Beach	2021-05-05	7:15 AM	9:45 AM			2.50
Shell Beach	2021-05-06					
Shell Beach	2021-05-07					
Shell Beach	2021-05-08					
Shell Beach	2021-05-09			9:45 PM	11:45 PM *	2.00
Shell Beach	2021-05-10	12:00 AM	12:45 AM	9:15 PM	11:45 PM *	2.50
Shell Beach	2021-05-11	12:00 AM	2:15 AM	9:15 PM	11:45 PM *	2.50
Shell Beach	2021-05-12	12:00 AM	3:15 AM	9:30 PM	11:45 PM *	2.25
Shell Beach	2021-05-13	12:00 AM	4:15 AM	10:00 PM	11:45 PM *	1.75
Shell Beach	2021-05-14	12:00 AM	5:00 AM	10:45 PM	11:45 PM *	1.00
Shell Beach	2021-05-15	12:00 AM	5:45 AM	11:45 PM	11:45 PM *	6.25
Shell Beach	2021-05-16	12:00 AM	6:45 AM			5.25
Shell Beach	2021-05-17	12:45 AM	7:45 AM			5.00
Shell Beach	2021-05-18	2:00 AM	8:30 AM			6.50
Shell Beach	2021-05-19	3:00 AM	8:45 AM			5.75
Shell Beach	2021-05-20	4:45 AM	8:30 AM			3.75
Shell Beach	2021-05-21					
Shell Beach	2021-05-22					
Shell Beach	2021-05-23					
Shell Beach	2021-05-24			8:00 PM	11:45 PM *	3.75
Shell Beach	2021-05-25	12:00 AM	2:00 AM	8:15 PM	11:45 PM *	5.50
Shell Beach	2021-05-26	12:00 AM	3:30 AM	8:45 PM	11:45 PM *	6.50
Shell Beach	2021-05-27	12:00 AM	4:45 AM	9:45 PM	6:00 AM	6.75

Tide Predictions

Threshold : Less than or equal to -0.15

Units: Metric

Time Zone: LST_LDT Times that are Highlighted means time overlap

Datum: MSL TIMES That are Highlighted means short window

Station Name	Date	Start Time	End Time	Start Time	End Time
Grand Isle	5/18/2021	12:00 AM	3:00 AM		
Grand Isle	5/19/2021	12:30 AM	3:00 AM		
Grand Isle	5/20/2021				
Grand Isle	5/21/2021				
Grand Isle	5/22/2021				
Grand Isle	5/23/2021				
Grand Isle	5/24/2021			4:45 PM	9:15 PM
Grand Isle	5/25/2021			4:45 PM	11:15 PM
Grand Isle	5/26/2021			5:15 PM	12:45 AM
Grand Isle	5/27/2021			6:15 PM	2:00 AM
Grand Isle	5/28/2021			7:30 PM	3:00 AM
Grand Isle	5/29/2021			8:30 PM	3:45 AM
Grand Isle	5/30/2021			10:00 PM	3:45 AM
Grand Isle	5/31/2021			11:45 PM	3:15 AM
Grand Isle	6/1/2021				
Grand Isle	6/2/2021				
Grand Isle	6/3/2021				
Grand Isle	6/4/2021				
Grand Isle	6/5/2021				
Grand Isle	6/6/2021				
Grand Isle	6/7/2021			5:30 PM	9:15 PM
Grand Isle	6/8/2021			5:15 PM	10:45 PM
Grand Isle	6/9/2021			5:30 PM	11:30 PM
Grand Isle	6/10/2021			6:00 PM	12:30 AM
Grand Isle	6/11/2021			6:45 PM	1:15 AM
Grand Isle	6/12/2021			7:15 PM	2:00 AM
Grand Isle	6/13/2021			8:00 PM	2:30 AM
Grand Isle	6/14/2021			9:15 PM	2:45 AM
Grand Isle	6/15/2021			10:15 PM	2:30 AM
Grand Isle	6/16/2021				
Grand Isle	6/17/2021				
Shell Beach	5/18/2021	2:00 AM	8:30 AM		
Shell Beach	5/19/2021	3:00 AM	8:45 AM		
Shell Beach	5/20/2021	4:45 AM	8:30 AM		
Shell Beach	5/21/2021				
Shell Beach	5/22/2021				
Shell Beach	5/23/2021				
Shell Beach	5/24/2021			8:15 PM	2:00 AM

Shell Beach	5/25/2021			8:15 PM	3:15 AM
Shell Beach	5/26/2021			8:45 PM	4:45 AM
Shell Beach	5/27/2021			9:45 PM	6:00 AM
Shell Beach	5/28/2021			10:45 PM	7:00 AM
Shell Beach	5/29/2021				
Shell Beach	5/30/2021	12:00 AM	8:00 AM		
Shell Beach	5/31/2021	1:15 AM	8:30 AM		
Shell Beach	6/1/2021	2:45 AM	9:00 AM		
Shell Beach	6/2/2021	4:30 AM	8:15 AM		
Shell Beach	6/3/2021				
Shell Beach	6/4/2021				
Shell Beach	6/5/2021			8:30 PM	12:45 AM
Shell Beach	6/6/2021			7:45 PM	2:15 AM
Shell Beach	6/7/2021				
Shell Beach	6/8/2021				
Shell Beach	6/9/2021				
Shell Beach	6/10/2021				
Shell Beach	6/11/2021				
Shell Beach	6/12/2021				
Shell Beach	6/13/2021				
Shell Beach	6/14/2021				
Shell Beach	6/15/2021				
Shell Beach	6/16/2021				
Shell Beach	6/17/2021				