

NETWORK SURVEY LOG v3



Date(s) (mm/dd/yyyy): 01-29-2012, 02-12-12 Julian Day(s): 029
 Project: 2331 kansa LIDAR Observer: M. SUTTON 1-29

Antenna Formulas

4000SSi / 4000SSE Compact L1/L2	Bottom of notch in antenna flange = $0.0069 + (h^2 - (0.0915)^2)^{1/2}$
Novatel DL	Bottom outer edge of ground plane = $0.015 + (h^2 - (0.096)^2)^{1/2}$
Novatel DL4	Top edge of tape notch = $0.025 + (h^2 - (0.1)^2)^{1/2}$

Network Drawing

*BRASS DISC ON MONUMENT DESTROYED
 ONLY
 CONC & SMALL BRASS STEM REMAIN *

← MESQUITE RD. →

N 38° 28' 46.6"
 W 100° 53' 18.9"

TQK SCOTT CITY AIRPORT

NAS POINT
 JH 6456

SEM-HANGAR ↓

MICROWAVE ANTENNA

UP

NETWORK SURVEY ANTENNA INFORMATION

1-29-12

Receiver Serial #: 0005 File Name: 00050290

Code:	Description:	Session:
Stamping:	Network to GCK SPIKE	1
		Start: 19:15
		End: 20:02

Measurements
 _____ " _____ m Uncorrected _____ meters → True Vertical _____ meters
 _____ feet → _____ m → (mean)

2-12-12

Receiver Serial #: 0005 File Name: 00050432

Code:	Description:	Session:
Stamping:	N/W TO DIGHTON SPIKE	02
		Start: 17:02
		End: 18:44

Measurements
 _____ " _____ m Uncorrected _____ meters → True Vertical _____ meters
 _____ feet → _____ m → (mean)

Receiver Serial #: _____ File Name: _____

Code:	Description:	Session:
Stamping:		
		Start:
		End:

Measurements
 _____ " _____ m Uncorrected _____ meters → True Vertical _____ meters
 _____ feet → _____ m → (mean)

Receiver Serial #: _____ File Name: _____

Code:	Description:	Session:
Stamping:		
		Start:
		End:

Measurements
 _____ " _____ m Uncorrected _____ meters → True Vertical _____ meters
 _____ feet → _____ m → (mean)

Code: Numbering Convention: begin with 501, 701, 801, 901

1- 499: paneled points	800 series: NGS vertical only
500 series: Sanborn set for base	900 series: NGS horiz. and vertical
700 series: NGS Horizontal only	1" = 0.3048 m; 1" = 0.0254 m

Description Examples: 12" spike, 6" spike, rebar, pk nail, mag nail, Disc in concrete, rod in sleeve, Disc in seawall, etc. AND INCLUDE Airport name point is located at if applicable.

*Attach additional GPS LOG Sheets if necessary