

COMMENTS FROM SITE 7

Site 7 Arlington Cemetery

Date: August 23, 1999

Weather Conditions: Partly cloudy; mild breeze; Temp 85-90°

Comments:

Northpoint Technology – DBS Compatibility Test – Washington DC Area

Rx Site Data Log

Arlington Cen.

Rx Site No.

7

p1

Set:

571

Re: Rx Condx Ref. No.

1

Date / Time:

8/23/99 13:30 EDT

Re: Tx Condx Ref. No.

1

Operator:

Adura

Data Measurements: * special ssp test - with & without spectrum in dkt.

NPTx Carrier Freq. (GHz) 12.47

Disk Filename

X

(1) NP Signal – NPTx ON:

Max value obtained as antenna signal was picked carefully

NP _s	Ant: DBS1
Power (Px) -51.17dB	TV Pix ok
Plot ID 7-1	File Rec X

(2) DBS Signals – NPTx OFF:

(Do also ssp data on page 2).

Sat 1	Ant:
Power (Px)	TV Pix
Plot ID	File Rec

Sat 2	DTV	Ant: NP3
Power (Px) -66.17dB	TV Pix	
Plot ID 7-2b	File Rec	X

Sat 3	ES (61.5)	Ant: NP2
Power (Px) -65.83dB	TV Pix	
Plot ID 7-2c	File Rec	X

Sat 4	ES (119)	Ant: NP4
Power (Px) -67.67dB	TV Pix	
Plot ID 7-2d	File Rec	X

(3) DBS Signals – NPTx ON:

(Do also ssp data on page 2).

Sat 1	Ant:
Power (Px)	TV Pix
Plot ID	File Rec

Sat 2	DTV	Ant: NP3
Power (Px) -66.50dB	TV Pix	
Plot ID 7-3b	File Rec	X

Sat 3	ES (61.5)	Ant: NP2
Power (Px) -66.33dB	TV Pix	
Plot ID 7-3c	File Rec	X

Sat 4	ES (119)	Ant: NP4
Power (Px) -67.50dB	TV Pix	
Plot ID 7-3d	File Rec	X

(4) NPTx OFF.

Northpoint Technology – DBS Compatibility Test – Washington DC Area

Rx Site Data Log

Rx Site No.

7

p2

Set:

1

Signal Strength Pointer (ssp) Data –

(2a) NPTx OFF:

Sat 1	T-											Avg:	
Sat 2	T-18	81	78	83	79	82	85	83	84	76	78	Avg:	80.6
Sat 3	T-18	95	95	95	95	96	96	95	96	95	96	Avg:	95.4
Sat 4	T-18	89	90	89	89	89	89	89	90	89	89	Avg:	89.2

(3a) NPTx ON:

Sat 1	T-											Avg:	✓
Sat 2	T-18	80	82	79	82	81	78	79	81	84	80	Avg:	80.7
Sat 3	T-18	95	96	96	96	97	95	96	96	96	95	Avg:	96.7
Sat 4	T-18	89	89	89	89	88	89	89	89	88	88	Avg:	88.7

Legend // Comments:

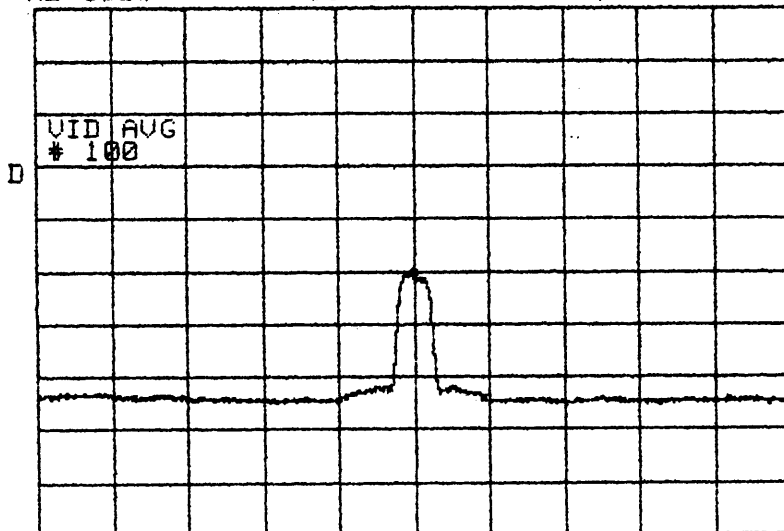
NPTx – Northpoint Transmitter.

8/23/99

7-1

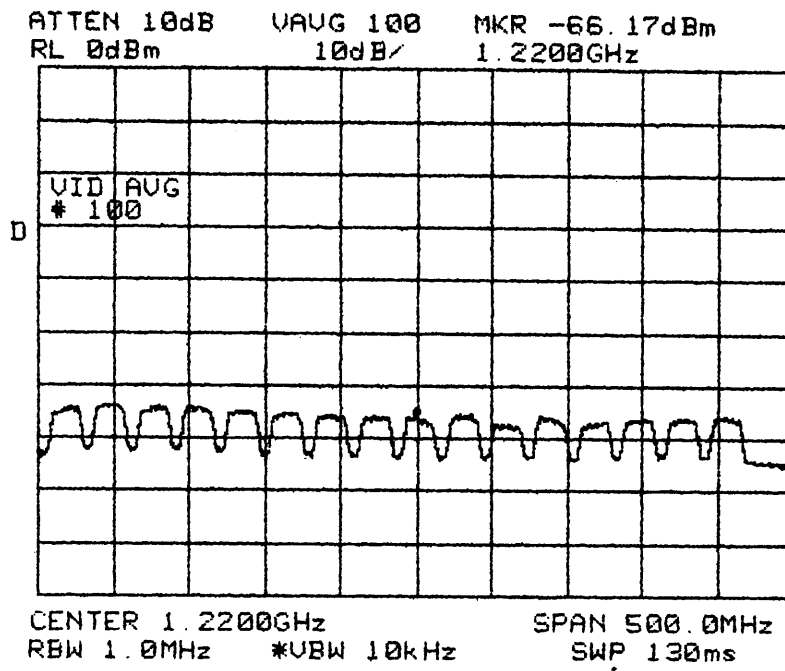
Adura

ATTEN 10dB VAVG 100 MKR -51.17dBm
RL 0dBm 10dB/ 1.2200GHz

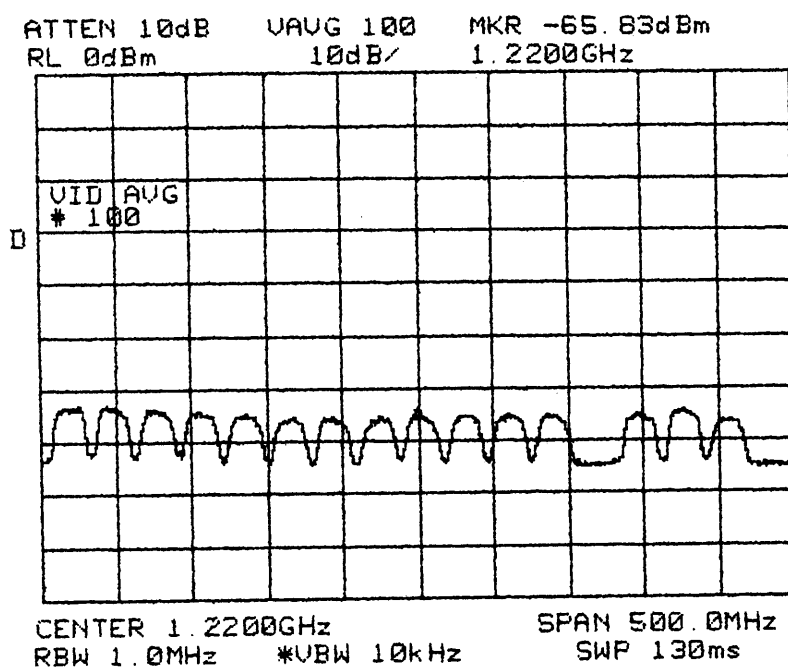


CENTER 1.2200GHz SPAN 500.0MHz
RBW 1.0MHz *VBW 10kHz SWP 130ms

8/23/99
7-26
Adura



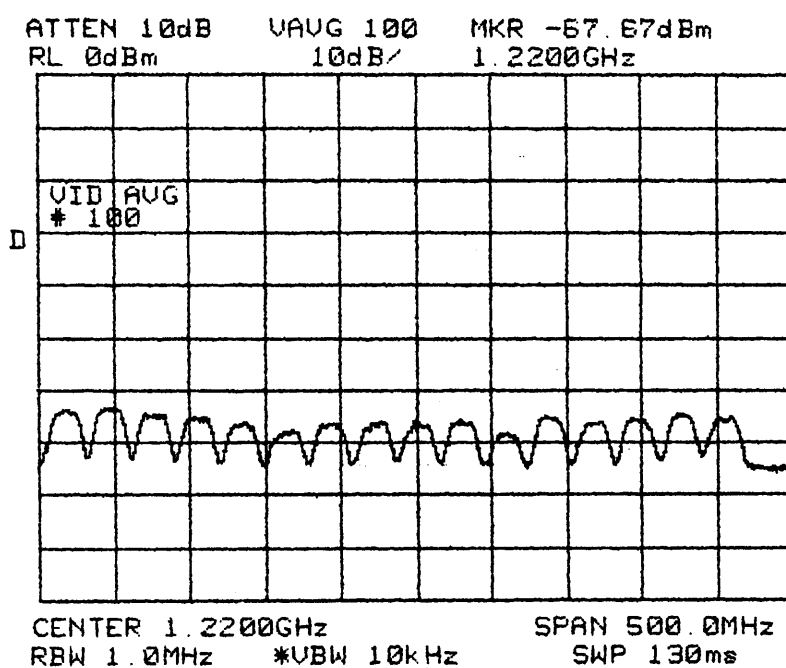
8/23/99
7-2C
Adura



8/23/99

7-2d

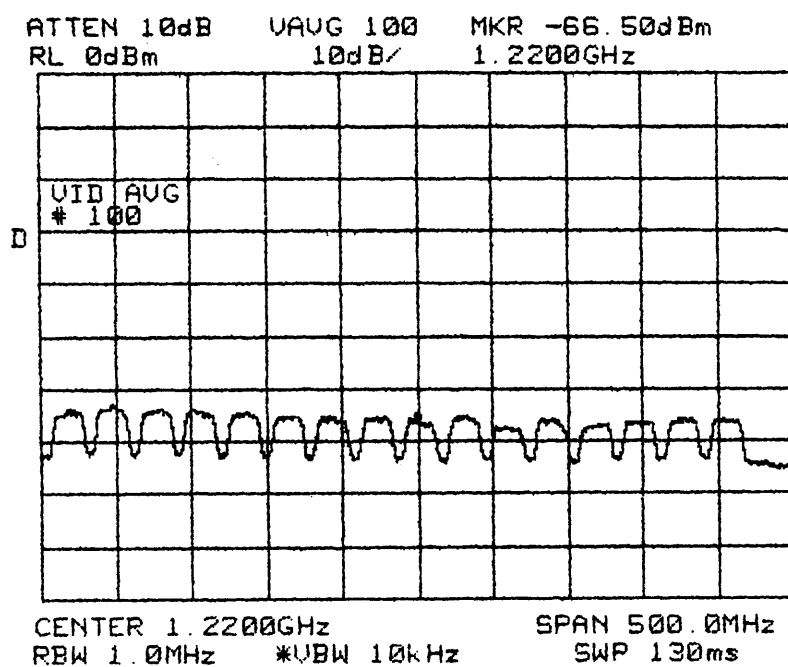
Adura



8/23/99

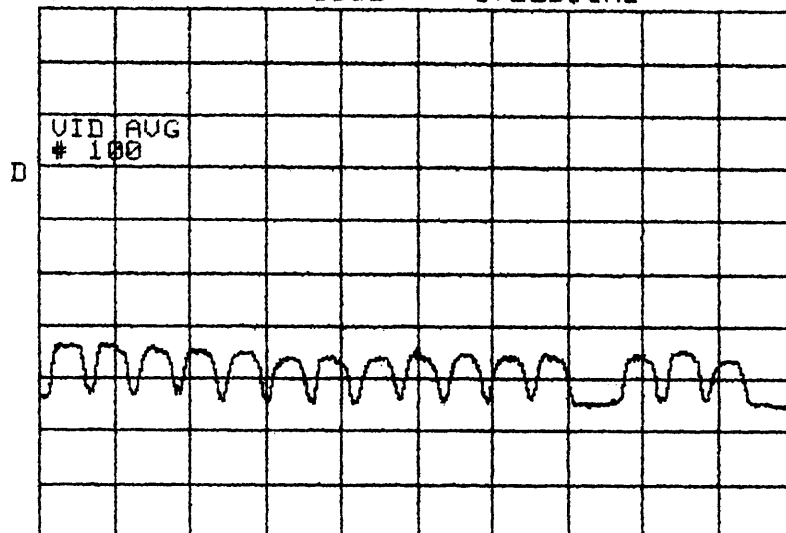
7-3b

Adura



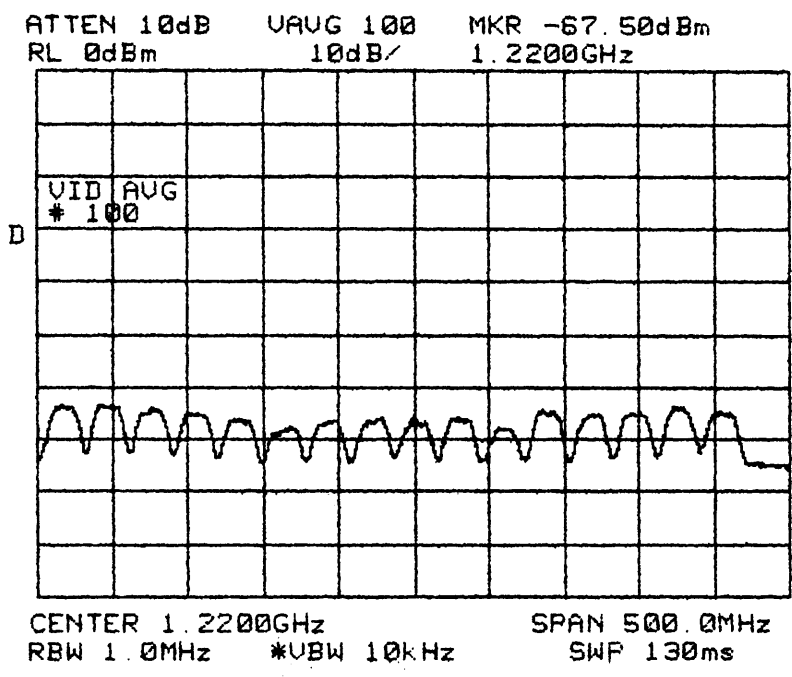
8/23/99
7-3C
Arlene

ATTEN 10dB VAUG 100 MKR -66.33dBm
RL 0dBm 10dB/ 1.2200GHz



CENTER 1.2200GHz SPAN 500.0MHz
RBW 1.0MHz *VBW 10kHz SWP 130ms

8/23/99
7-3d
A2 a



Phon
Splitter

17:15 →

[illegible]

1747 →

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Direct
Connect

[illegible]

17:27 →

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17:30

22-141 50 SHEETS
22-142 100 SHEETS
22-144 200 SHEETS



8/23/99 *Adupra*

ES (615)

	7.09	
95	→ 95	
95	95	
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95	95	
95	96	→ 17.12

DTV (101)

22-141 50 SHEETS
22-142 100 SHEETS
22-144 200 SHEETS



22-141 50 SHEETS
22-142 100 SHEETS
22-144 200 SHEETS

Splitter	Direct Connect	Splitter	Splitter
16:45	16:49	16:53	16:53
82	82	80	83
82	82	83	83
87	80	81	82
85	81	85	82
83	86	84	83
79	80	81	81
80	80	86	82
83	81	81	82
79	82	83	81
82	82	83	82
80	78	85	83
81	78	83	79
82	82	85	80
81	81	82	83
81	82	82	84
80	81	83	84
84	83	85	84
81	77	85	81
83	82	82	85
81	84	85	83
80	80	83	82
84	82	84	82
81	78	83	80
82	85	82	82
81	82	82	82
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84	84	81	84
81	82	80	80
84	80	86	80
79	78	84	80
82	82	79	81
79	82	84	84
80	78	83	80
83	80	82	83
85	81	83	83
84	81	84	84
85	79	84	84
83	80	89	83
80	79	84	83
79	83	81	81
	19		16:50

~~Repeat~~

p1

Set: /

NPTx Carrier Freq. (GHz)	12.47	NTC Filename	log 8-23-99.dat
Satellite Monitored	ES 119	Transponder	T- 18

Note - this is just a short run n/ newest software version *

* primary purpose at this session was to get special SSP data w/ & w/out splines.
- new version of NTC software was avail & this is a short test to see if it works.

Northpoint Technology – DBS Compatibility Test – Washington DC Area

Rx Site Location Log

Rx Site No.

7

p1

Set:

1

Site Name:

Date / Time:

8/23/99 11:30 EDT

Arlington Cemetery

Operator:

Am

GPS Receiver Reading at Site:

Lat: see prev. logs.

Time Read EDT

Lon:

Elev:

Weather:

Map Sketch (show street reference and local benchmark features):

→ WX condx — PC ; mild breeze ; ~ 85-90°F

Fairly Heavy Overcast, with variable percent of clear sky during the day:

clouds are generally thick cumulus with blue / grey bottoms

Some haze