

COMMENTS FROM SITE 1A

Site 1A Theodore Roosevelt Island

Date: August 4, 1999

Weather Conditions: Hazy sky; Dusk; Temp 90°

Comments: Reception of signal on Echostar (61.5) is affected by tree blockage.

Northpoint Technology – DBS Compatibililty Test – Washington DC Area

Rx Site Data Log Theodore Roosevelt Island Rx Site No. 1A p1
Set: 1/1

Re: Rx Condx Ref. No. 1 Date / Time: 08/04/99 18:55 EDT
Re: Tx Condx Ref. No. 1 Operator: Adura

Data Measurements:

NPTx Carrier Freq. (GHz) 12.47 Disk Filename X

(1) NP Signal – NPTx ON:

Ant: DBS1 *Cable1*
Power (Px) -51.00dB TV Pix Plot ID 1A-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 X

Sat 2 DTV (101) Ant: NP3
Power (Px) -64.67dB TV Pix Plot ID 1A-2b File Rec X

Sat 3 ES (119) Ant: NP2
Power (Px) -63.67dB TV Pix Plot ID 1A-2c File Rec X

Sat 4 ES (61.5) Ant: NP4
Power (Px) -65.33dB TV Pix Plot ID 1A-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 X

Sat 2 DTV (101) Ant: NP3
Power (Px) -64.83dB TV Pix Plot ID 1A-3b File Rec X

Sat 3 ES (119) Ant: NP2
Power (Px) -64.17dB TV Pix Plot ID 1A-3c File Rec X

Sat 4 ES (61.5) Ant: NP4
Power (Px) -66.17dB TV Pix OK Plot ID 1A-3d File Rec X

(4) NPTx OFF.

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Rx Site Data Log

Rx Site No. 1A p2
 Set: 11

Signal Strength Pointer (ssp) Data --

(2a) NPTx OFF:

Sat 1	T-										Avg:		
Sat 2	T-18	82	83	85	84	81	79	83	85	85	81	Avg:	82.3
Sat 3	T-18	97	96	96	95	95	95	96	95	97	95	Avg:	95.7
Sat 4	T-18	86	86	86	85	85	86	86	84	84	84	Avg:	85.2

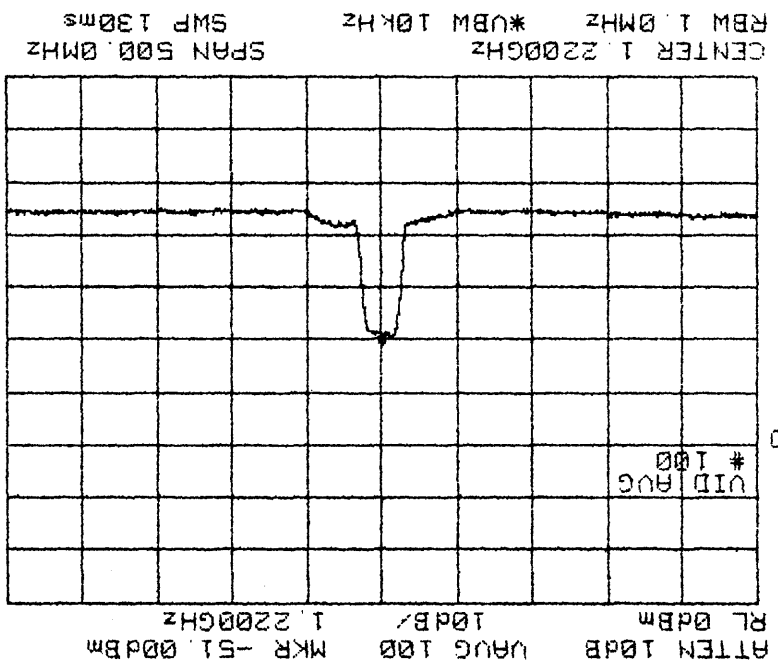
(3a) NPTx ON:

Sat 1	T-										Avg:		
Sat 2	T-18	81	81	79	84	81	80	82	81	80	80	Avg:	80.9
Sat 3	T-18	96	96	96	96	95	96	97	97	95	96	Avg:	96.1
Sat 4	T-18	81	79	81	80	82	81	81	81	81	81	Avg:	80.8

Legend // Comments:

NPTx – Northpoint Transmitter.

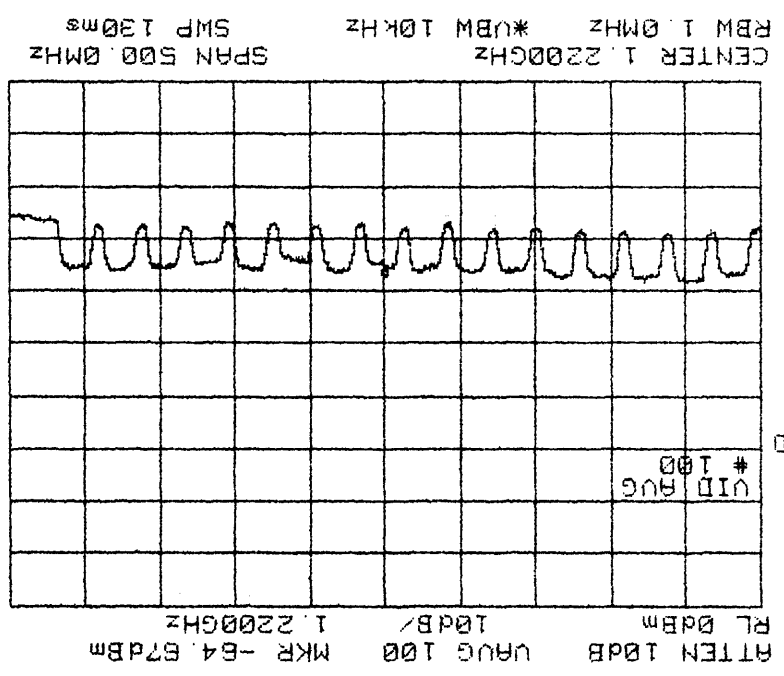
Reception of signal on ES (61.5) is affected by trees blockip



8/4/99
Adum

1A-1

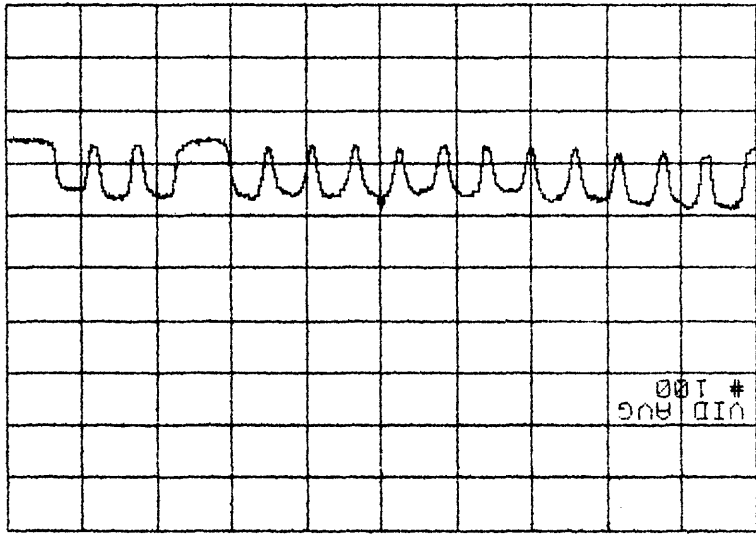
NP Tx 515



8/14/95 Dr
 Adams
 1A-26

NPTX - OFF

CENTER 1.220GHZ
SPAN 500.0MHZ
RBM 1.0MHZ *UBM 10KHZ
SMP 130ms



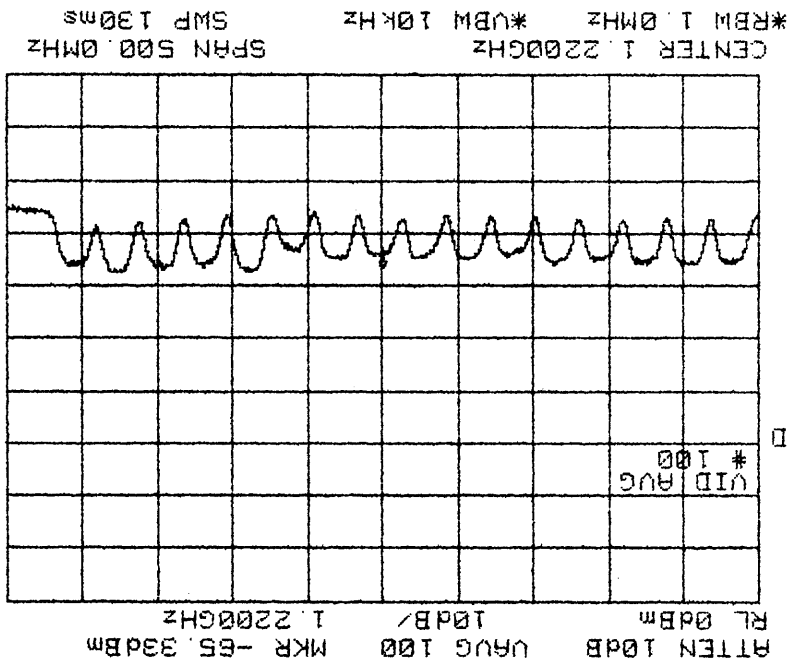
ATTEN 10dB URG 100 MKR -53.67dBm
RL 0dBm
10dB / 1.220GHZ

UID AVG
100

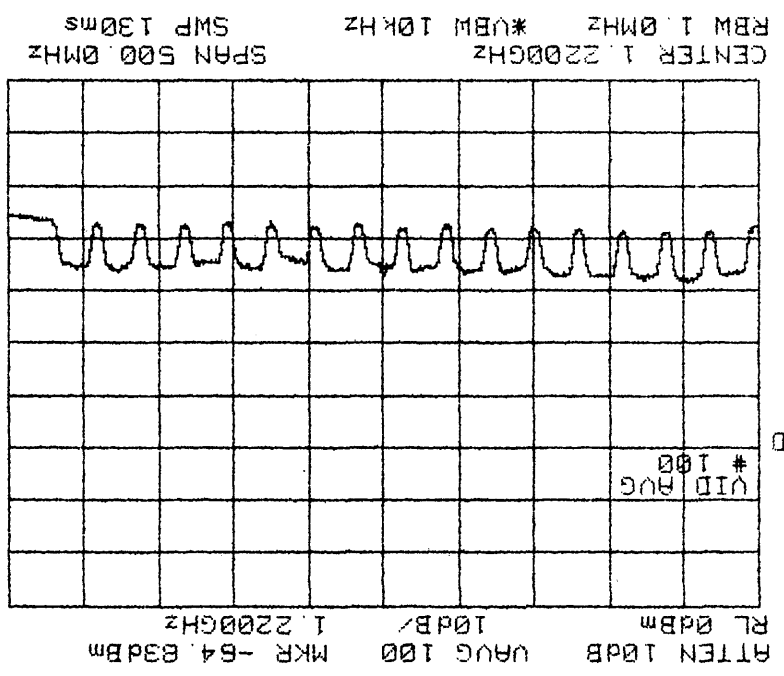
Adura

1A-2C

8/14/95



8/4/95
 1A-9
 Alvera



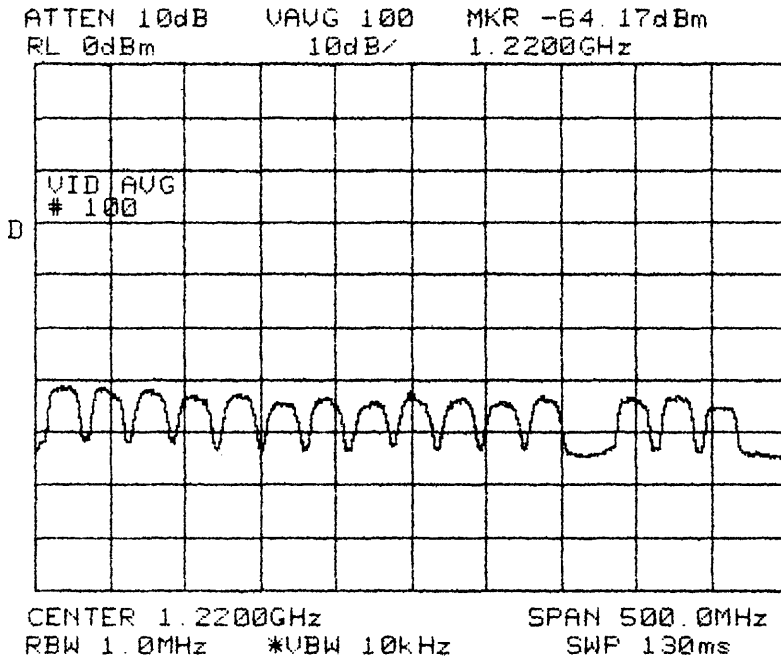
1A-36

Adrian

8/4/99

KPTX-2N

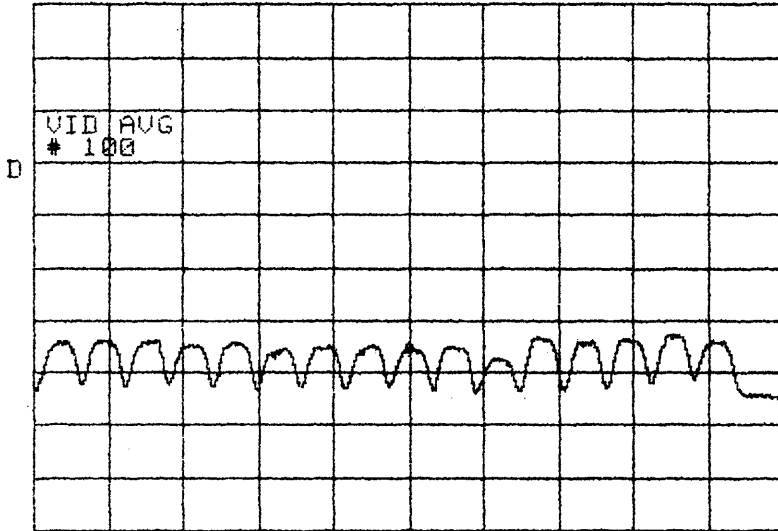
8/4/99 Du
Adura
1A-3C



8/4/95 J
Adura

7A-39

ATTEN 10dB VAUG 100 MKR -66.17dBm
RL 0dBm 10dB/ 1.2200GHz



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

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Rx Site Location Log

Rx Site No. 1a p1
Set: 1

Site Name:

Date / Time:

08/10/11 7:45pm EDT

Theodore Roosevelt Island

Operator:

Akin Falodun

GPS Receiver Reading at Site:

Lat: N 38° 53.770'

done after the fact

Time Read 1447 EDT

Lon: N 77 04.028'

Elev: _____

Weather:

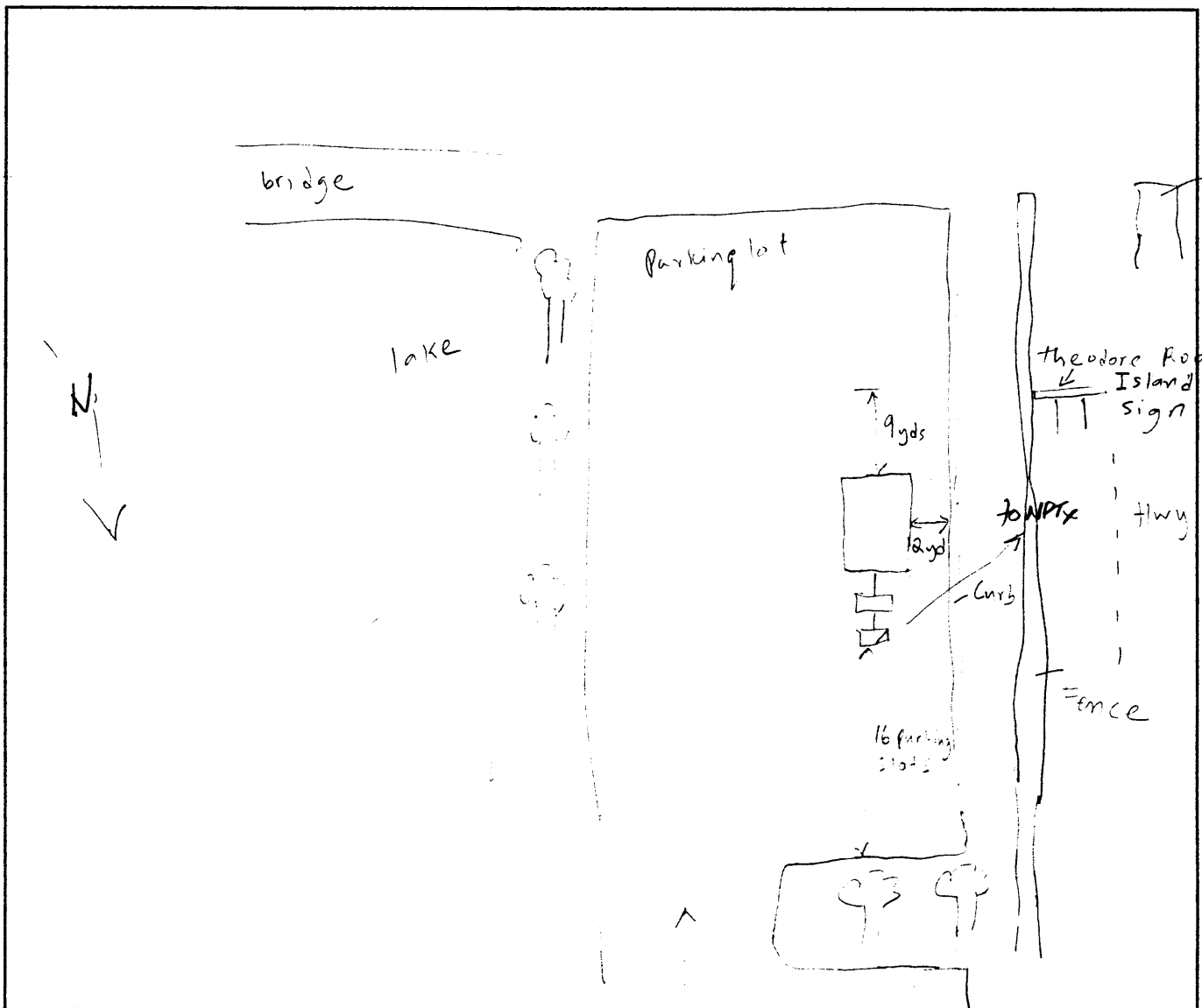
Hazy Blue Sky

It is getting dark

temp ≈ mid 70's

?(prob 90°+ DFW)

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



COMMENTS FROM SITE 1A

Site 1A Roosevelt Island #2

Date: August 17, 1999

Weather Conditions: Sunny, slightly hazy

Comments: Moved across parking lot from Site 1A to gain better access for Eschostar (119). Note: Echostar (61.5) is blocked by trees.

Northpoint Technology – DBS Compatibility Test – Washington DC Area

Rx Site Data Log

Roosevelt Island 2

Rx Site No. 1AX
Set: 11

p1

Re: Rx Condx Ref. No. 1

Date / Time: 8 / 17 / 99 14:20 EDT

Re: Tx Condx Ref. No. 1

Operator: Adura

Data Measurements:

Across parking lot from 10A – move to gain better access for ESC(119).

NPTx Carrier Freq. (GHz) 12.47

Disk Filename x

NOTE – ES(61.5) is blocked by trees.

(1) NP Signal – NPTx ON:

		Ant: DBS 1					
Power (Px)	-51.1748	TV Pix		Plot ID	1AX-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)	-67.5048	TV Pix		Plot ID	1AX-26	File Rec	X

Sat 3	ES(61.5)	Ant: NP2					
Power (Px)		TV Pix		Plot ID	1AX-20	File Rec	X

Blocked by trees

Sat 4	ES(119)	Ant: NP4					
Power (Px)	-67.0048	TV Pix		Plot ID	1AX-29	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)	-67.0048	TV Pix		Plot ID	1AX-36	File Rec	X

Sat 3	ES(61.5)	Ant: NP2					
Power (Px)		TV Pix		Plot ID	1AX-3C	File Rec	X

Sat 4	ES(119)	Ant: NP4					
Power (Px)	-66.8348	TV Pix		Plot ID	1AX-3d	File Rec	X

(4) NPTx OFF.

Northpoint Technology – DBS Compatibililty Test – Washington DC Area

Rx Site Data Log

Rx Site No. 1A× p2
 Set: 11

Signal Strength Pointer (ssp) Data –

(2a) NPTx OFF:

Sat 1	T-											Avg:	
Sat 2	T-18	76	75	75	76	72	71	73	74	78	77	Avg:	74.7
Sat 3	T-18											Avg:	
Sat 4	T-18	87	88	86	87	88	88	87	87	88	89	Avg:	87.5

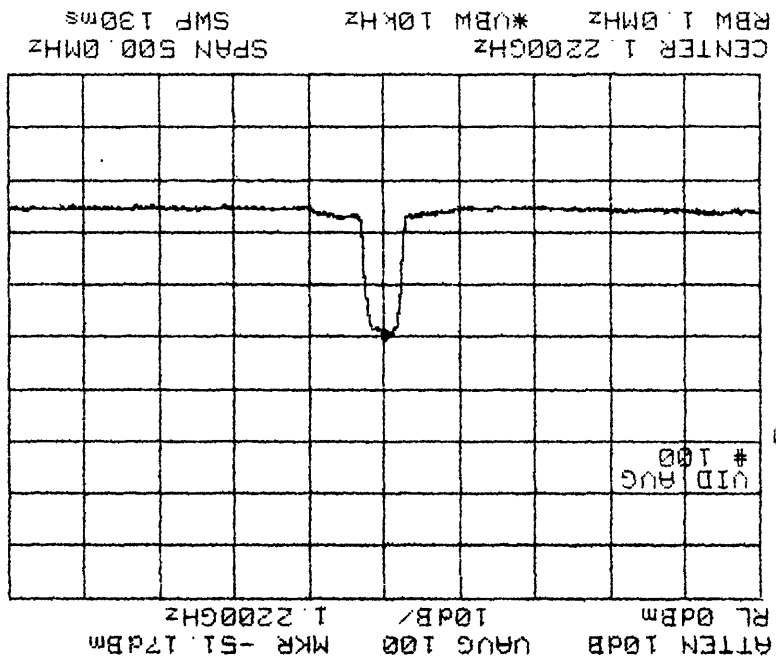
(3a) NPTx ON:

Sat 1	T-											Avg:	
Sat 2	T-18	71	70	73	72	77	71	74	71	72	71	Avg:	72.2
Sat 3	T-18											Avg:	
Sat 4	T-18	87	88	85	87	87	86	88	87	86	87	Avg:	86.8

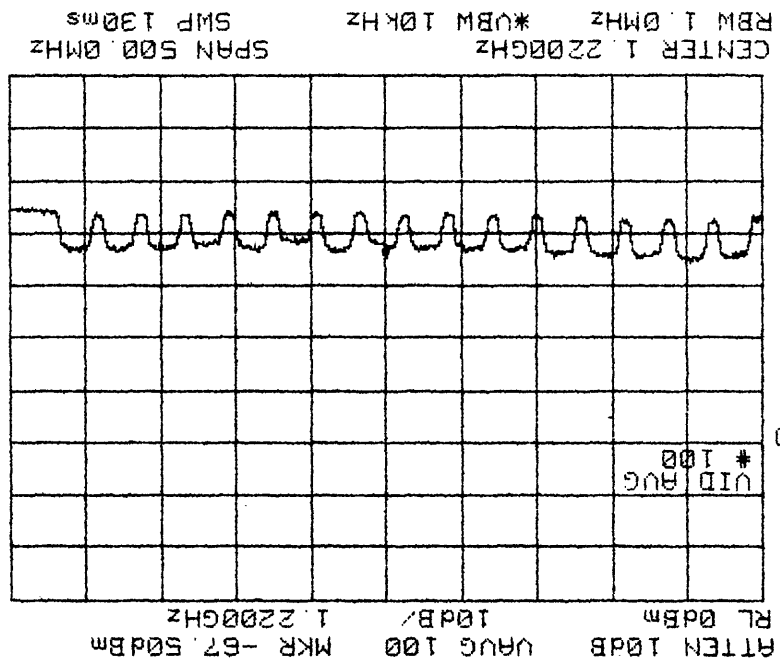
Legend // Comments:

NPTx – Northpoint Transmitter.

Es (61.5) is blocked by trees.



8/17/99
 Kdura
 FAX:



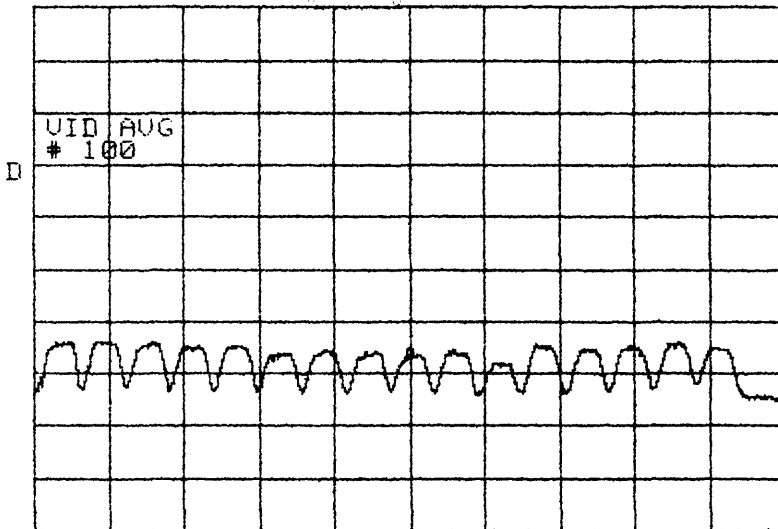
8/17/99
 FAX-26
 Amply

8/17/99

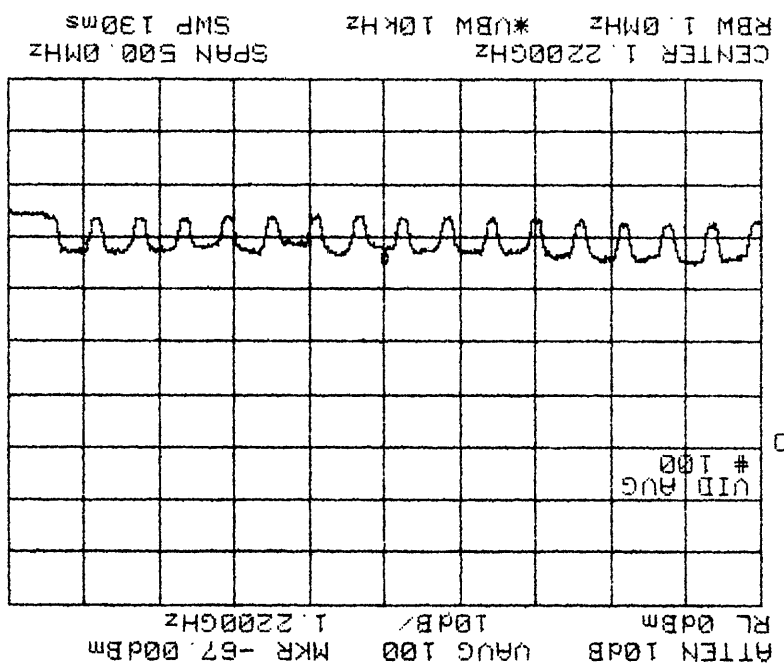
1AX-2d

Adv

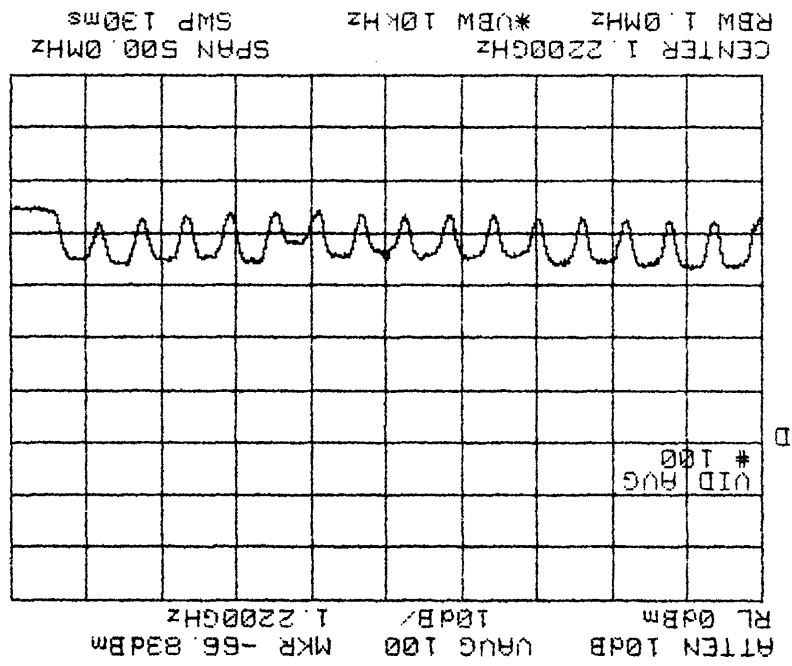
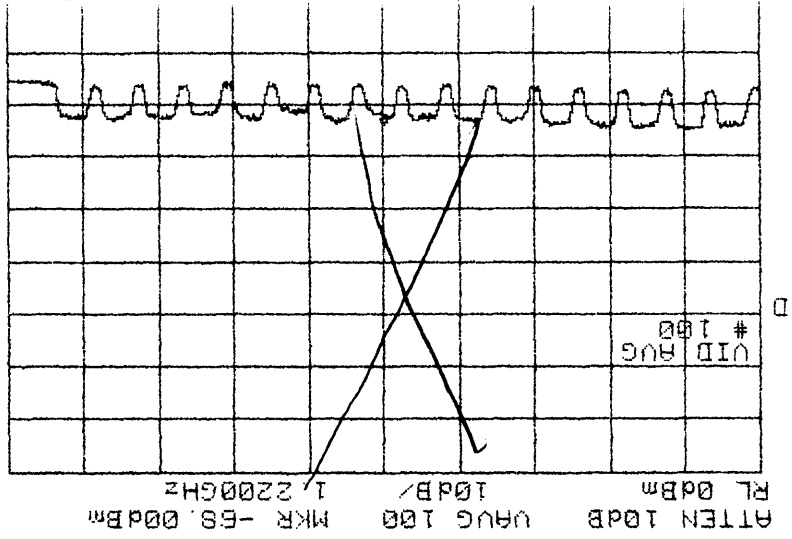
ATTEN 10dB VAUG 100 MKR -67.00dBm
RL 0dBm 10dB/ 1.2200GHz



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



01/1/11
 1AX-3b
 Howard



8/17/99
 1A-3d
 Advur

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Rx Site Location Log

Rx Site No. 1A^x p1
Set: 11

Site Name: T. Roosevelt Island

Date / Time: 8/17/99 2:40^{PM} EDT

Operator: Jonathan

GPS Receiver Reading at Site:

Lat: N 38 53.797

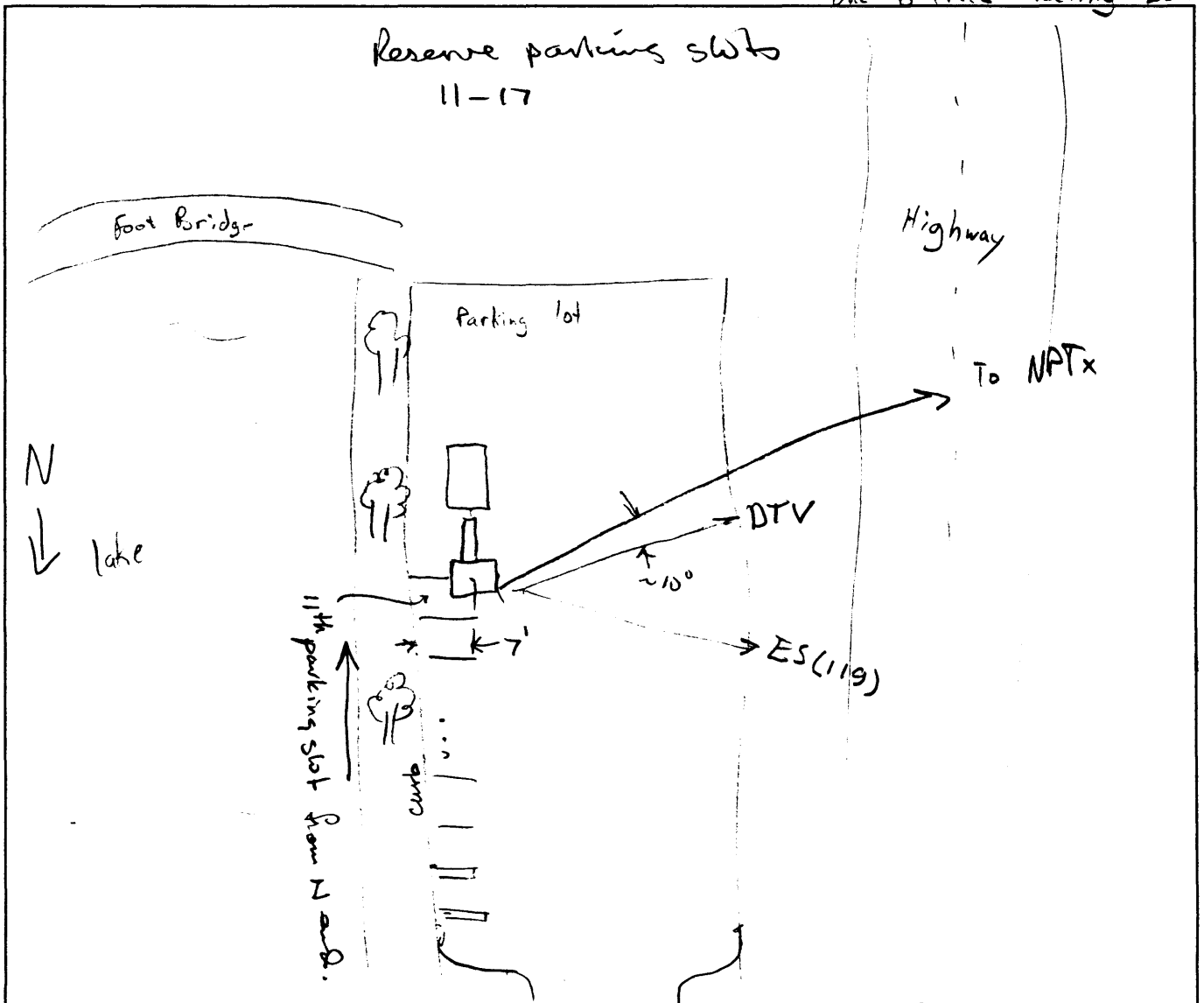
Time Read 1349 ~~EDT~~ GMT

Lon: W 077 04.002

Elev: _____

Weather: Sunny, slightly hazy, sparsely clouded (5%), cloud wisps

Map Sketch (show street reference and local benchmark features): *across the parking lot from 1A due to trees blocking ES-119



Northpoint Technology - DBS Compatibility Test - Washington DC Area

Rx Site Condx/Event Log -- BER Data

Rx Site No. 1AX p1

(Re: Lucent / Newtec - NTC/2063/xx system.)

T.R. Johnson

Set: 1/1

Re: Rx Condx Ref. No. 1

Date / Time: 8/17/99 2:45pm EDT

Re: Tx Condx Ref. No. 1

Operator: Jonathan

Data Measurements:

NPTx Carrier Freq. (GHz)	12.47	NTC Filename	log 8-17-99.dat
Satellite Monitored	ES-119	Transponder	T- 18

(See separate Rx Site Data Log for Signal Powers and Related Condx.)

(Time - 12 hr)

#	Time -- EDT	Condition / Event
PM	~2:46	Logging began w/ NPTx ON
		N/S Traffic on GW Mem. Parkway to the West of satellites at ~ 45 cars/min. each dir.
		Weather - Sunny, hot ~ 95°, slightly cloudy (5%)
	2:53:30	car turned around in parking lot in front of satellite
	2:55:00	car turned around in parking lot
	:10	Dr. Ward walked in front of satellites
	58:34	Car -> South in parking lot
	3:00:15	Airplane overhead
	:25	2 Cars -> N
	06:00	Car -> S
	6:50	Car -> S
	7:10	Car -> N
	8:35	2 Cars -> N
	11:40	Car -> S
	18:47	Car -> S
	19:34	Airplane
	19:55	Same car -> N this time
	22:10	Man walking South
	22:50	Car -> N
	25:50	Car -> S
	28:30	Agger walked in front of satellites
	30:35	Car -> S
	31:47	Car -> N
	32:25	Car -> S
	34:04	Car -> S
	:40	Walkers -> S
	35:52	Car -> S
	3:40:14	NPTx OFF
	41:54	Car -> N
		Weather - Cloudier than earlier (40% clouds) Temp - 90.95°
	43:24	Car + bike -> S
	45:19	Car -> N
	:35	Bike -> N
	46:00	Runner -> S
	47:40	Car -> S
	48:12	Car -> S
	:36	Walker -> N

Northpoint Technology – DBS Compatibility Test – Washington DC Area

Rx Site Condx/Event Log -- BER Data

(Re: Lucent / Newtec – NTC/2063/xx system.)

Rx Site No. LAX

~~PXZ~~

Set: / /

Re: Rx Condx Ref. No. 1

Date / Time: 8/17/99 2:45pm EDT

Re: Tx Condx Ref. No. 1

Operator: Jonathan

Data Measurements:

NPTx Carrier Freq. (GHz)	12.47	NTC Filename	log 8-17-99.dat
Satellite Monitored	ES-119	Transponder	T- 18

(See separate Rx Site Data Log for Signal Powers and Related Condx.)

#	Time -- EDT	Condition / Event
5	49:35	Car → N
	51:13	Car → N
	52:01	2 Bikes → N
	:15	Car → N
		Weather - Clouds are breaking up - 20% Clouds
	34:40	Akin walked in front of satellites
	:58	Norman walked in front of satellites
	56:30	Norman " " again
	:53	2 Walkers → N
	58:52	Walker → N
	4:02:33	Akin walked in front
	3:32	Walker → N
	9:40	2 Cars → S
	12:03	Car and 2 Walkers → S
	15:20	Tow truck stopped in front of dish + parked
	20:36	Tow truck moved out of the way
	21:43	Car → N @ Weather - Blue sky w/ almost no clouds, slightly hazy
	25:02	Bike → N
	29:36	Akin walked in front
	31:40	Car → N
	32:32	Walker → S
	36:00	Bike → N
	36:20	Car → S
	:43	Car → N
	37:08	Car → S
	38:30	Car → S
	39:00	Bike → N
	41:14	Car → S
	43:00	End of Logging