

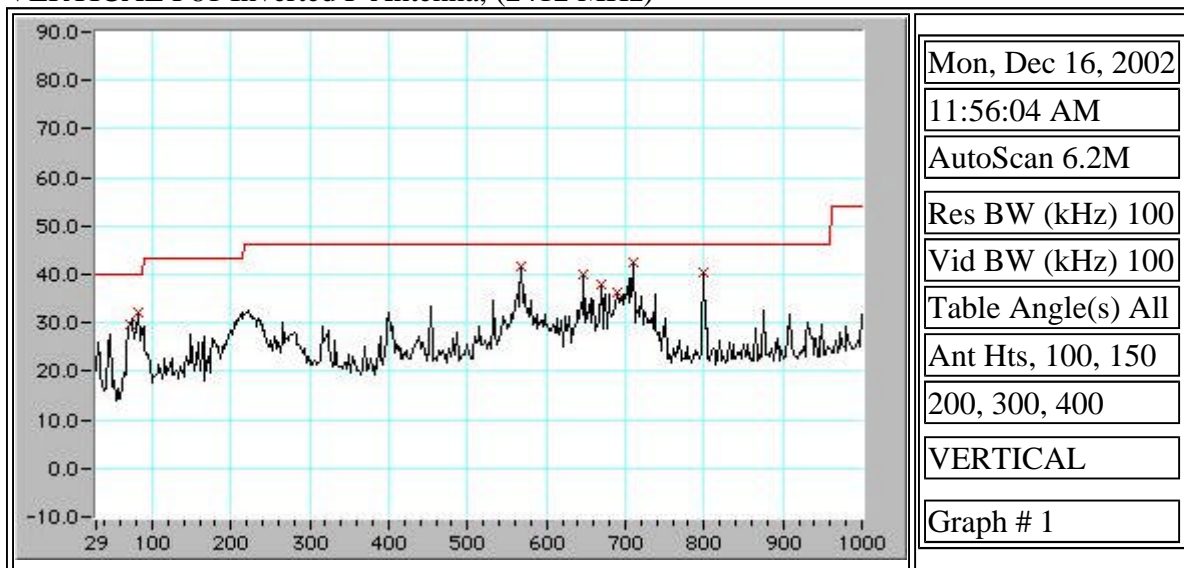
[Return to List of Scans](#) [Previous Scan](#) [Next Scan](#)

Evelyn 1

FCC Class B

P50

VERTICAL P81 Inverted F Antenna, (2412 MHz)



Frequency MHz	Level dBuV/m	Limit dBuV/m	Delta dB	Ht. m	Angle Deg	Raw dBuV/m	Ant. dB	Cable dB	Amp dB	All Factors dB
71.81	29.9	40.0	-10.1	V		73.75	6.29	1.09	51.27	43.89
83.48	32.3	40.0	-7.7	V		74.18	7.99	1.15	51.06	41.92
568.01	41.7	46.0	-4.3	V		68.38	18.64	2.93	48.21	26.63
647.79	39.8	46.0	-6.2	V		66.09	19.00	3.15	48.44	26.29
669.20	38.0	46.0	-8.0	V		64.47	18.90	3.21	48.60	26.49
688.66	36.4	46.0	-9.6	V		62.84	19.00	3.26	48.73	26.47
710.06	42.5	46.0	-3.5	V		68.84	19.20	3.32	48.86	26.34
799.57	40.5	46.0	-5.5	V		66.38	20.11	3.53	49.54	25.89

Equipment Description	Model Number	Serial Number	Last Calibration	Next Calibration
Spectrum Analyzer	R&S ESIB 40	100105	23 May 2002	23 May 2003
Receiver	R&S ESIB 40	100105	23 May 2002	23 May 2003
Spectrum Analyzer	HP 8566	E4662_E4663	7 May 2002	7 May 2003
Antenna	CBL6112B	2517	14 May 2002	14 May 2003
Antenna	Horn Antenna/3115	9205-3852	5 Sep 2000	5 Sep 2003
Amplifier	Penstock Amp	103	14 Jan 2002	14 Jan 2003
Amplifier	HP 8449B (1-26.5 GHz)	3008A00713	4 Mar 2002	4 Mar 2003
Cable	Tower 1 Cable	primary	16 Aug 2002	16 Aug 2003
Cable	Huber & Suhner SF106	0.29	26 Apr 2002	26 Apr 2003

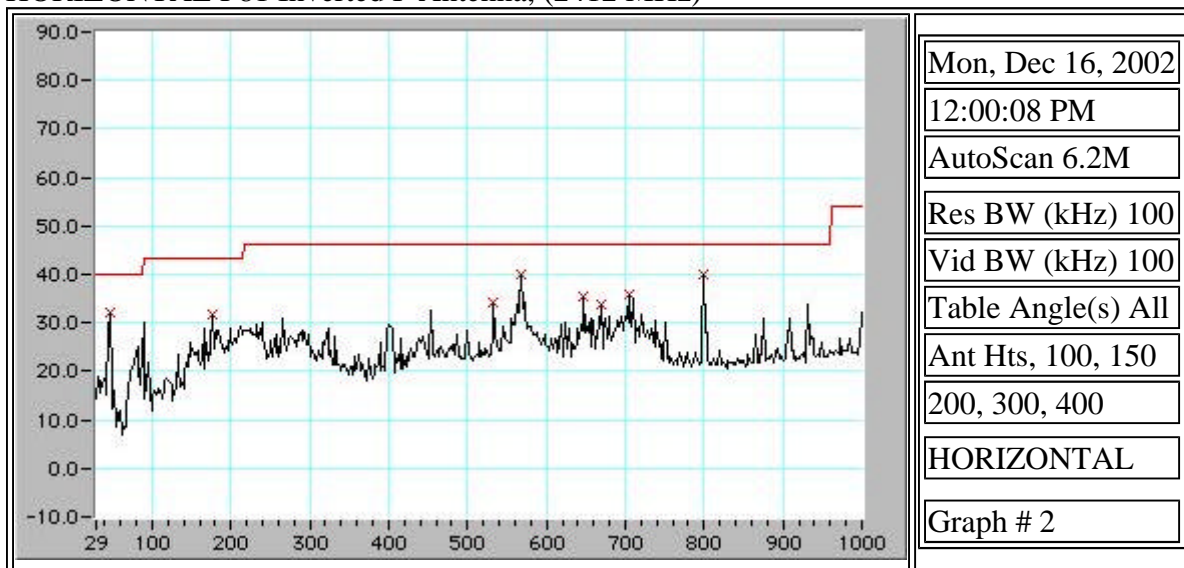
[Return to List of Scans](#) [Previous Scan](#) [Next Scan](#)

Evelyn 1

FCC Class B

P50

HORIZONTAL P81 Inverted F Antenna, (2412 MHz)



Frequency MHz	Level dBuV/m	Limit dBuV/m	Delta dB	Ht. m	Angle Deg	Raw dBuV/m	Ant. dB	Cable dB	Amp dB	All Factors dB
46.51	32.1	40.0	-7.9	H		72.55	10.87	0.90	52.26	40.49
176.89	31.5	43.5	-12.0	H		70.13	9.62	1.58	49.80	38.59
532.99	34.1	46.0	-11.9	H		61.87	17.66	2.85	48.31	27.80
568.01	40.0	46.0	-6.0	H		66.34	18.94	2.93	48.21	26.33
647.79	35.6	46.0	-10.4	H		61.85	19.04	3.15	48.44	26.24
669.20	34.0	46.0	-12.0	H		60.28	19.10	3.21	48.60	26.29
704.22	35.7	46.0	-10.3	H		62.33	18.90	3.30	48.83	26.62
799.57	40.1	46.0	-5.9	H		66.24	19.90	3.53	49.54	26.10

Equipment Description	Model Number	Serial Number	Last Calibration	Next Calibration
Spectrum Analyzer	R&S ESIB 40	100105	23 May 2002	23 May 2003
Receiver	R&S ESIB 40	100105	23 May 2002	23 May 2003
Spectrum Analyzer	HP 8566	E4662_E4663	7 May 2002	7 May 2003
Antenna	CBL6112B	2517	14 May 2002	14 May 2003
Antenna	Horn Antenna/3115	9205-3852	5 Sep 2000	5 Sep 2003
Amplifier	Penstock Amp	103	14 Jan 2002	14 Jan 2003
Amplifier	HP 8449B (1-26.5 GHz)	3008A00713	4 Mar 2002	4 Mar 2003
Cable	Tower 1 Cable	primary	16 Aug 2002	16 Aug 2003
Cable	Huber & Suhner SF106	0.29	26 Apr 2002	26 Apr 2003

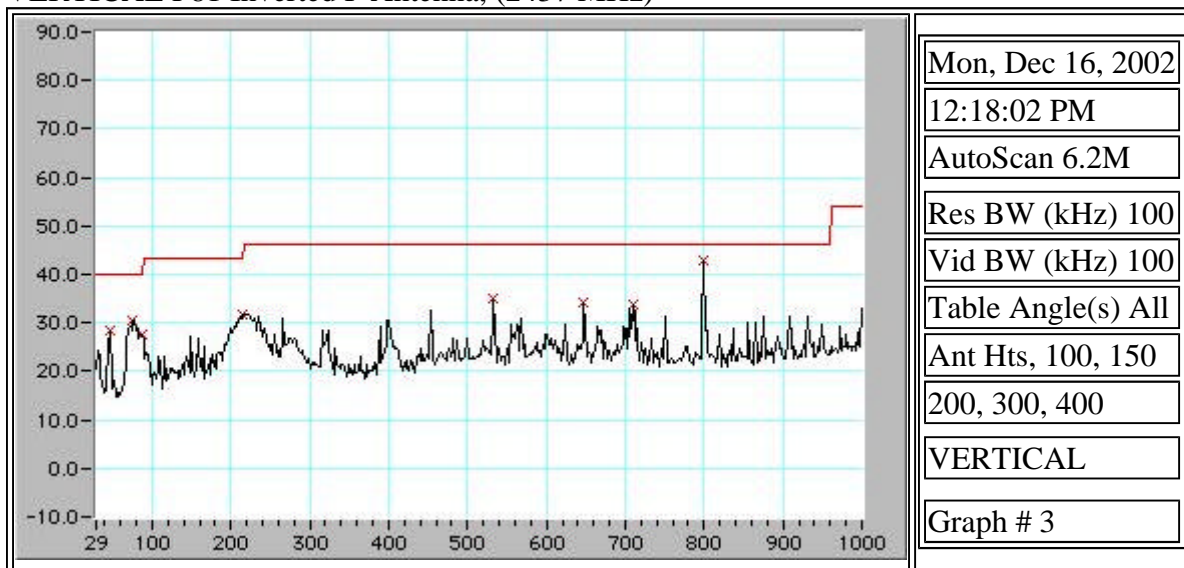
[Return to List of Scans](#) [Previous Scan](#) [Next Scan](#)

Evelyn 1

FCC Class B

P50

VERTICAL P81 Inverted F Antenna, (2437 MHz)



Frequency MHz	Level dBuV/m	Limit dBuV/m	Delta dB	Ht. m	Angle Deg	Raw dBuV/m	Ant. dB	Cable dB	Amp dB	All Factors dB
46.51	28.3	40.0	-11.7	V		69.40	10.24	0.90	52.26	41.12
75.70	30.5	40.0	-9.5	V		73.68	6.90	1.10	51.16	43.16
87.38	27.4	40.0	-12.6	V		68.59	8.58	1.17	50.94	41.19
213.86	31.6	43.5	-11.9	V		69.50	10.25	1.75	49.94	37.94
532.99	34.9	46.0	-11.1	V		62.70	17.66	2.85	48.31	27.80
647.79	34.1	46.0	-11.9	V		60.42	19.00	3.15	48.44	26.29
710.06	33.6	46.0	-12.4	V		59.96	19.20	3.32	48.86	26.34
799.57	42.7	46.0	-3.3	V		68.61	20.11	3.53	49.54	25.89

Equipment Description	Model Number	Serial Number	Last Calibration	Next Calibration
Spectrum Analyzer	R&S ESIB 40	100105	23 May 2002	23 May 2003
Receiver	R&S ESIB 40	100105	23 May 2002	23 May 2003
Spectrum Analyzer	HP 8566	E4662_E4663	7 May 2002	7 May 2003
Antenna	CBL6112B	2517	14 May 2002	14 May 2003
Antenna	Horn Antenna/3115	9205-3852	5 Sep 2000	5 Sep 2003
Amplifier	Penstock Amp	103	14 Jan 2002	14 Jan 2003
Amplifier	HP 8449B (1-26.5 GHz)	3008A00713	4 Mar 2002	4 Mar 2003
Cable	Tower 1 Cable	primary	16 Aug 2002	16 Aug 2003
Cable	Huber & Suhner SF106	0.29	26 Apr 2002	26 Apr 2003

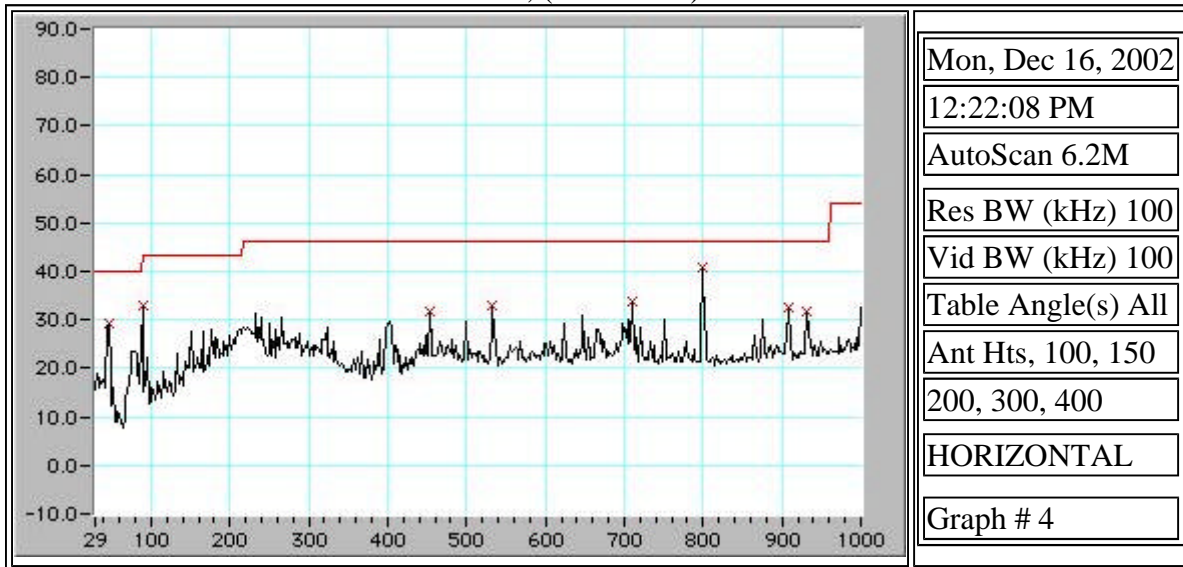
[Return to List of Scans](#) [Previous Scan](#) [Next Scan](#)

Evelyn 1

FCC Class B

P50

HORIZONTAL P81 Inverted F Antenna, (2437 MHz)



Mon, Dec 16, 2002  
 12:22:08 PM  
 AutoScan 6.2M  
 Res BW (kHz) 100  
 Vid BW (kHz) 100  
 Table Angle(s) All  
 Ant Hts, 100, 150  
 200, 300, 400  
 HORIZONTAL  
 Graph # 4

Frequency MHz	Level dBuV/m	Limit dBuV/m	Delta dB	Ht. m	Angle Deg	Raw dBuV/m	Ant. dB	Cable dB	Amp dB	All Factors dB
46.51	29.4	40.0	-10.6	H		69.90	10.87	0.90	52.26	40.49
89.32	33.0	43.5	-10.5	H		74.13	8.59	1.18	50.88	41.11
453.20	31.9	46.0	-14.1	H		61.38	16.80	2.58	48.84	29.46
532.99	33.0	46.0	-13.0	H		60.85	17.66	2.85	48.31	27.80
710.06	34.0	46.0	-12.0	H		60.51	19.00	3.32	48.86	26.54
799.57	40.8	46.0	-5.2	H		66.91	19.90	3.53	49.54	26.10
908.54	32.6	46.0	-13.4	H		57.35	20.50	3.78	49.06	24.78
931.89	31.8	46.0	-14.2	H		55.95	20.70	3.83	48.64	24.11

Equipment Description	Model Number	Serial Number	Last Calibration	Next Calibration
Spectrum Analyzer	R&S ESIB 40	100105	23 May 2002	23 May 2003
Receiver	R&S ESIB 40	100105	23 May 2002	23 May 2003
Spectrum Analyzer	HP 8566	E4662_E4663	7 May 2002	7 May 2003
Antenna	CBL6112B	2517	14 May 2002	14 May 2003
Antenna	Horn Antenna/3115	9205-3852	5 Sep 2000	5 Sep 2003
Amplifier	Penstock Amp	103	14 Jan 2002	14 Jan 2003
Amplifier	HP 8449B (1-26.5 GHz)	3008A00713	4 Mar 2002	4 Mar 2003
Cable	Tower 1 Cable	primary	16 Aug 2002	16 Aug 2003
Cable	Huber & Suhner SF106	0.29	26 Apr 2002	26 Apr 2003

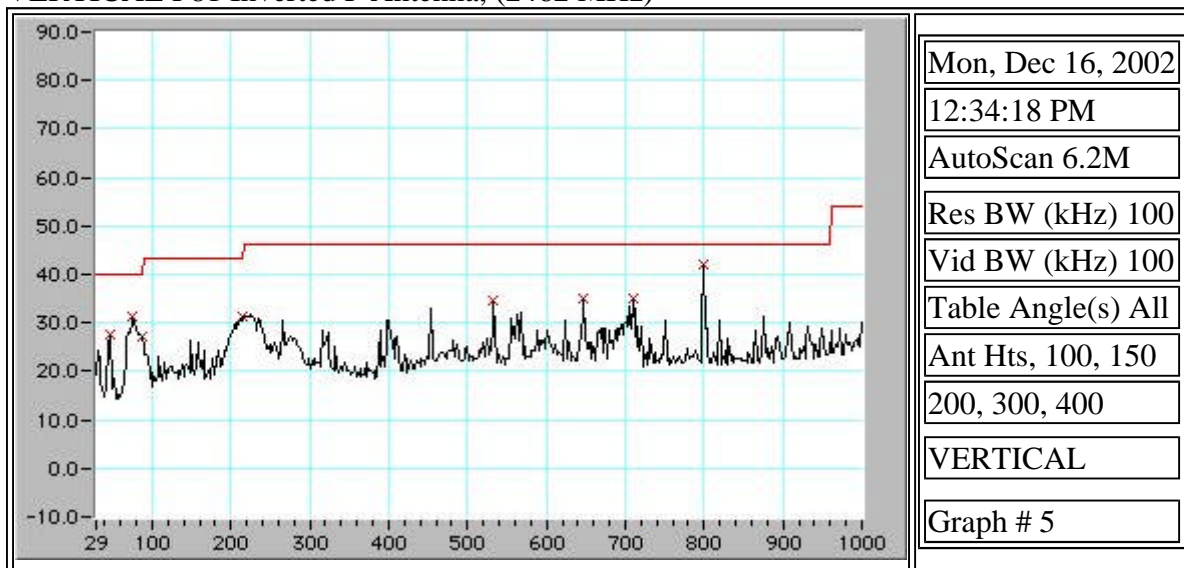
[Return to List of Scans](#) [Previous Scan](#) [Next Scan](#)

Evelyn 1

FCC Class B

P50

VERTICAL P81 Inverted F Antenna, (2462 MHz)



Frequency MHz	Level dBuV/m	Limit dBuV/m	Delta dB	Ht. m	Angle Deg	Raw dBuV/m	Ant. dB	Cable dB	Amp dB	All Factors dB
46.51	27.8	40.0	-12.2	V		68.91	10.24	0.90	52.26	41.12
75.70	31.2	40.0	-8.8	V		74.39	6.90	1.10	51.16	43.16
87.38	27.3	40.0	-12.7	V		68.49	8.58	1.17	50.94	41.19
213.86	31.2	43.5	-12.3	V		69.11	10.25	1.75	49.94	37.94
532.99	34.4	46.0	-11.6	V		62.23	17.66	2.85	48.31	27.80
647.79	35.2	46.0	-10.8	V		61.46	19.00	3.15	48.44	26.29
710.06	34.9	46.0	-11.1	V		61.26	19.20	3.32	48.86	26.34
799.57	42.1	46.0	-3.9	V		67.99	20.11	3.53	49.54	25.89

Equipment Description	Model Number	Serial Number	Last Calibration	Next Calibration
Spectrum Analyzer	R&S ESIB 40	100105	23 May 2002	23 May 2003
Receiver	R&S ESIB 40	100105	23 May 2002	23 May 2003
Spectrum Analyzer	HP 8566	E4662_E4663	7 May 2002	7 May 2003
Antenna	CBL6112B	2517	14 May 2002	14 May 2003
Antenna	Horn Antenna/3115	9205-3852	5 Sep 2000	5 Sep 2003
Amplifier	Penstock Amp	103	14 Jan 2002	14 Jan 2003
Amplifier	HP 8449B (1-26.5 GHz)	3008A00713	4 Mar 2002	4 Mar 2003
Cable	Tower 1 Cable	primary	16 Aug 2002	16 Aug 2003
Cable	Huber & Suhner SF106	0.29	26 Apr 2002	26 Apr 2003

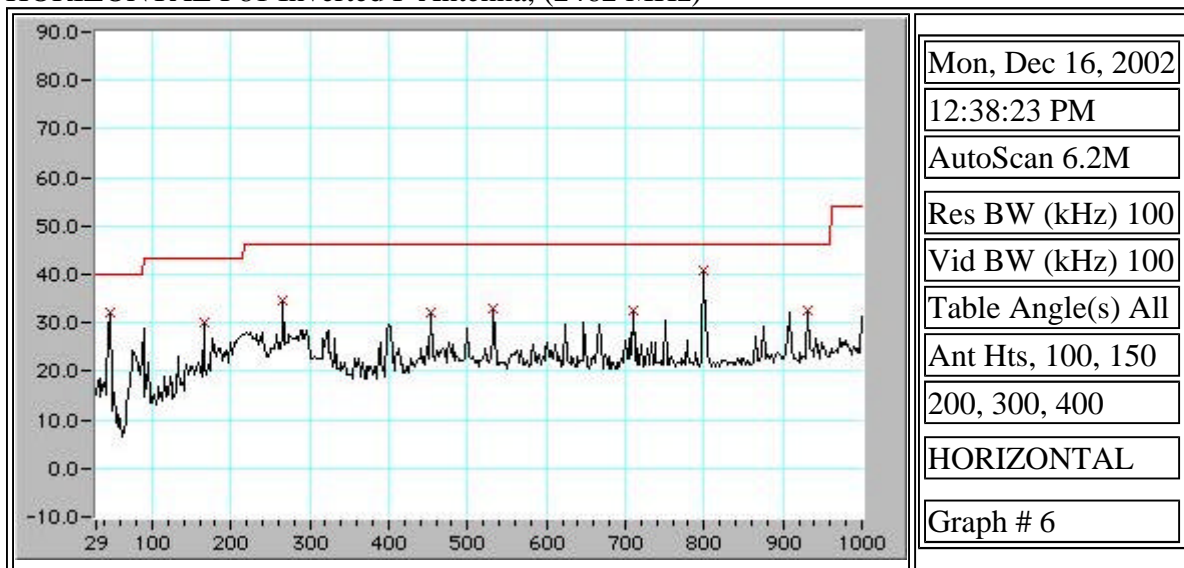
[Return to List of Scans](#) [Previous Scan](#) [Next Scan](#)

Evelyn 1

FCC Class B

P50

HORIZONTAL P81 Inverted F Antenna, (2462 MHz)



Frequency MHz	Level dBuV/m	Limit dBuV/m	Delta dB	Ht. m	Angle Deg	Raw dBuV/m	Ant. dB	Cable dB	Amp dB	All Factors dB
46.51	32.3	40.0	-7.7	H		72.83	10.87	0.90	52.26	40.49
165.21	30.1	43.5	-13.4	H		68.45	10.00	1.54	49.85	38.32
266.40	34.8	46.0	-11.2	H		68.98	13.78	1.97	49.90	34.15
453.20	32.3	46.0	-13.7	H		61.77	16.80	2.58	48.84	29.46
532.99	32.9	46.0	-13.1	H		60.71	17.66	2.85	48.31	27.80
710.06	32.4	46.0	-13.6	H		58.91	19.00	3.32	48.86	26.54
799.57	40.6	46.0	-5.4	H		66.74	19.90	3.53	49.54	26.10
931.89	32.5	46.0	-13.5	H		56.60	20.70	3.83	48.64	24.11

Equipment Description	Model Number	Serial Number	Last Calibration	Next Calibration
Spectrum Analyzer	R&S ESIB 40	100105	23 May 2002	23 May 2003
Receiver	R&S ESIB 40	100105	23 May 2002	23 May 2003
Spectrum Analyzer	HP 8566	E4662_E4663	7 May 2002	7 May 2003
Antenna	CBL6112B	2517	14 May 2002	14 May 2003
Antenna	Horn Antenna/3115	9205-3852	5 Sep 2000	5 Sep 2003
Amplifier	Penstock Amp	103	14 Jan 2002	14 Jan 2003
Amplifier	HP 8449B (1-26.5 GHz)	3008A00713	4 Mar 2002	4 Mar 2003
Cable	Tower 1 Cable	primary	16 Aug 2002	16 Aug 2003
Cable	Huber & Suhner SF106	0.29	26 Apr 2002	26 Apr 2003



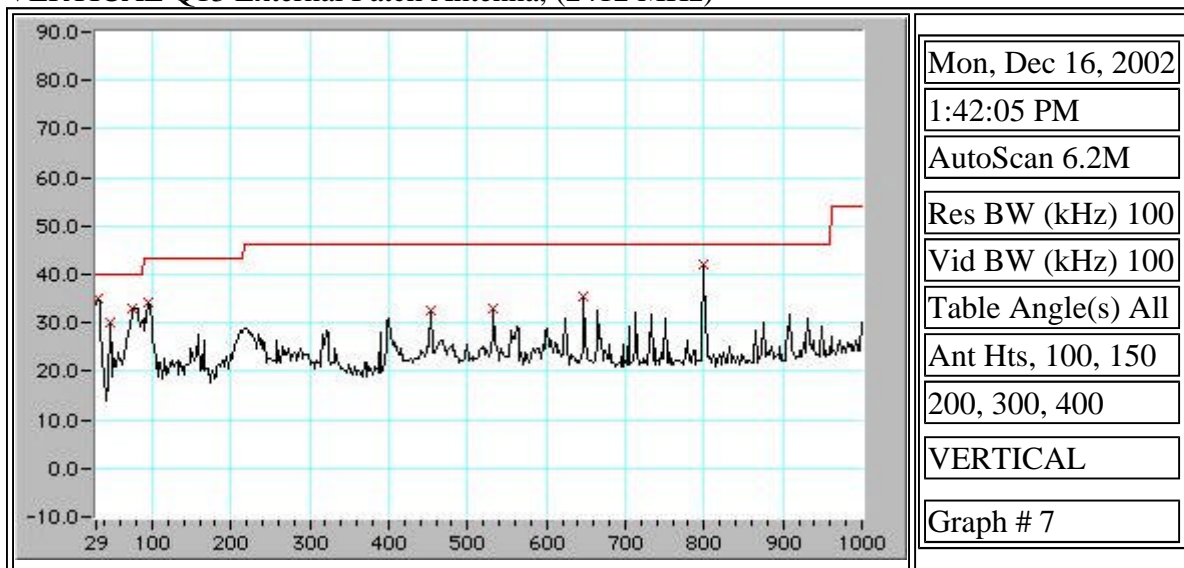
[Return to List of Scans](#) [Previous Scan](#) [Next Scan](#)

Evelyn 1

FCC Class B

P50

VERTICAL Q13 External Patch Antenna, (2412 MHz)



Mon, Dec 16, 2002  
 1:42:05 PM  
 AutoScan 6.2M  
 Res BW (kHz) 100  
 Vid BW (kHz) 100  
 Table Angle(s) All  
 Ant Hts, 100, 150  
 200, 300, 400  
 VERTICAL  
 Graph # 7

Frequency	Level	Limit	Delta	Ht.	Angle	Raw	Ant.	Cable	Amp	All Factors
MHz	dBuV/m	dBuV/m	dB	m	Deg	dBuV/m	dB	dB	dB	dB
30.95	35.2	40.0	-4.8	V		69.54	17.49	0.76	52.55	34.31
46.51	30.3	40.0	-9.7	V		71.40	10.24	0.90	52.26	41.12
75.70	33.2	40.0	-6.8	V		76.33	6.90	1.10	51.16	43.16
95.16	34.2	43.5	-9.3	V		74.04	9.62	1.21	50.69	39.86
453.20	32.7	46.0	-13.3	V		62.13	16.80	2.58	48.84	29.46
532.99	33.1	46.0	-12.9	V		60.91	17.66	2.85	48.31	27.80
647.79	35.3	46.0	-10.7	V		61.63	19.00	3.15	48.44	26.29
799.57	42.1	46.0	-3.9	V		68.01	20.11	3.53	49.54	25.89

Equipment Description	Model Number	Serial Number	Last Calibration	Next Calibration
Spectrum Analyzer	R&S ESIB 40	100105	23 May 2002	23 May 2003
Receiver	R&S ESIB 40	100105	23 May 2002	23 May 2003
Spectrum Analyzer	HP 8566	E4662_E4663	7 May 2002	7 May 2003
Antenna	CBL6112B	2517	14 May 2002	14 May 2003
Antenna	Horn Antenna/3115	9205-3852	5 Sep 2000	5 Sep 2003
Amplifier	Penstock Amp	103	14 Jan 2002	14 Jan 2003
Amplifier	HP 8449B (1-26.5 GHz)	3008A00713	4 Mar 2002	4 Mar 2003
Cable	Tower 1 Cable	primary	16 Aug 2002	16 Aug 2003
Cable	Huber & Suhner SF106	0.29	26 Apr 2002	26 Apr 2003

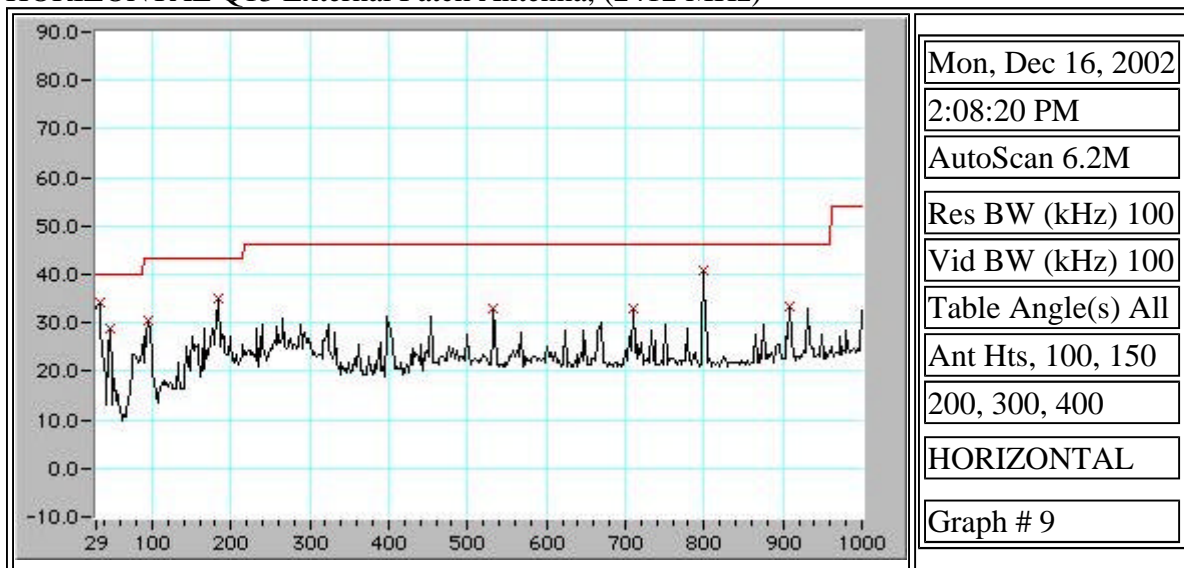
[Return to List of Scans](#) [Previous Scan](#) [Next Scan](#)

Evelyn 1

FCC Class B

P50

HORIZONTAL Q13 External Patch Antenna, (2412 MHz)



Mon, Dec 16, 2002  
 2:08:20 PM  
 AutoScan 6.2M  
 Res BW (kHz) 100  
 Vid BW (kHz) 100  
 Table Angle(s) All  
 Ant Hts, 100, 150  
 200, 300, 400  
 HORIZONTAL  
 Graph # 9

Frequency	Level	Limit	Delta	Ht.	Angle	Raw	Ant.	Cable	Amp	All Factors
MHz	dBuV/m	dBuV/m	dB	m	Deg	dBuV/m	dB	dB	dB	dB
32.89	34.2	40.0	-5.8	H		69.05	16.97	0.78	52.59	34.84
46.51	28.9	40.0	-11.1	H		69.42	10.87	0.90	52.26	40.49
95.16	30.4	43.5	-13.1	H		70.30	9.63	1.21	50.69	39.85
184.67	35.1	43.5	-8.4	H		74.04	9.22	1.61	49.82	38.99
532.99	32.9	46.0	-13.1	H		60.66	17.66	2.85	48.31	27.80
710.06	33.1	46.0	-12.9	H		59.62	19.00	3.32	48.86	26.54
799.57	41.0	46.0	-5.0	H		67.08	19.90	3.53	49.54	26.10
908.54	33.4	46.0	-12.6	H		58.16	20.50	3.78	49.06	24.78

Equipment Description	Model Number	Serial Number	Last Calibration	Next Calibration
Spectrum Analyzer	R&S ESIB 40	100105	23 May 2002	23 May 2003
Receiver	R&S ESIB 40	100105	23 May 2002	23 May 2003
Spectrum Analyzer	HP 8566	E4662_E4663	7 May 2002	7 May 2003
Antenna	CBL6112B	2517	14 May 2002	14 May 2003
Antenna	Horn Antenna/3115	9205-3852	5 Sep 2000	5 Sep 2003
Amplifier	Penstock Amp	103	14 Jan 2002	14 Jan 2003
Amplifier	HP 8449B (1-26.5 GHz)	3008A00713	4 Mar 2002	4 Mar 2003
Cable	Tower 1 Cable	primary	16 Aug 2002	16 Aug 2003
Cable	Huber & Suhner SF106	0.29	26 Apr 2002	26 Apr 2003



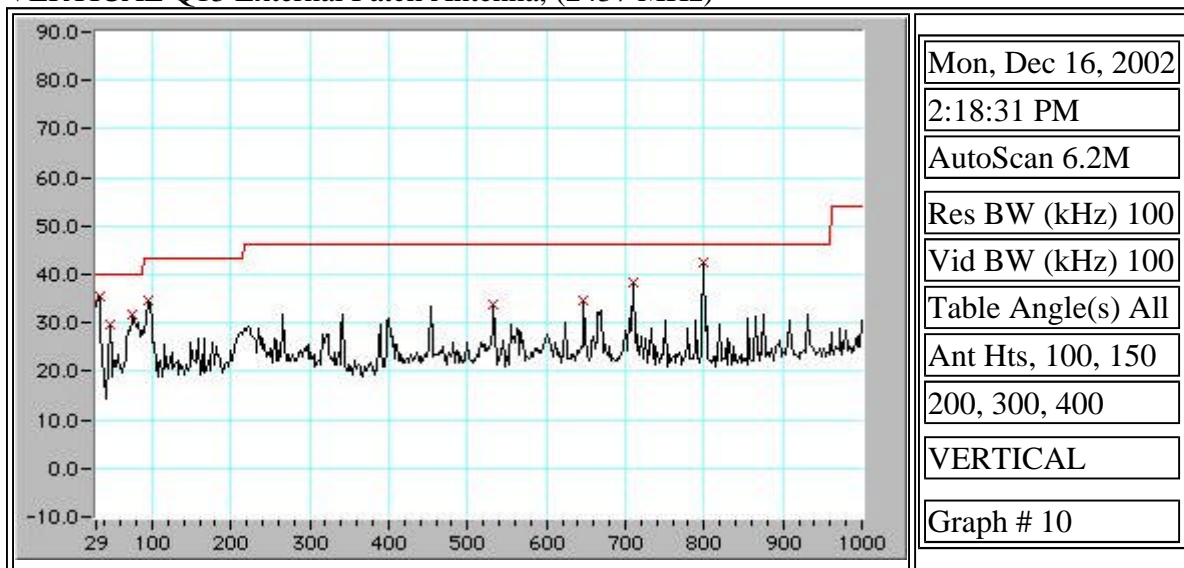
[Return to List of Scans](#) [Previous Scan](#) [Next Scan](#)

Evelyn I

FCC Class B

P50

VERTICAL Q13 External Patch Antenna, (2437 MHz)



Frequency	Level	Limit	Delta	Ht.	Angle	Raw	Ant.	Cable	Amp	All Factors
MHz	dBuV/m	dBuV/m	dB	m	Deg	dBuV/m	dB	dB	dB	dB
32.89	35.6	40.0	-4.4	V		71.00	16.44	0.78	52.59	35.37
46.51	29.5	40.0	-10.5	V		70.64	10.24	0.90	52.26	41.12
75.70	31.9	40.0	-8.1	V		75.06	6.90	1.10	51.16	43.16
95.16	34.8	43.5	-8.7	V		74.67	9.62	1.21	50.69	39.86
532.99	33.8	46.0	-12.2	V		61.58	17.66	2.85	48.31	27.80
647.79	34.5	46.0	-11.5	V		60.79	19.00	3.15	48.44	26.29
710.06	38.2	46.0	-7.8	V		64.49	19.20	3.32	48.86	26.34
799.57	42.3	46.0	-3.7	V		68.21	20.11	3.53	49.54	25.89

Equipment Description	Model Number	Serial Number	Last Calibration	Next Calibration
Spectrum Analyzer	R&S ESIB 40	100105	23 May 2002	23 May 2003
Receiver	R&S ESIB 40	100105	23 May 2002	23 May 2003
Spectrum Analyzer	HP 8566	E4662_E4663	7 May 2002	7 May 2003
Antenna	CBL6112B	2517	14 May 2002	14 May 2003
Antenna	Horn Antenna/3115	9205-3852	5 Sep 2000	5 Sep 2003
Amplifier	Penstock Amp	103	14 Jan 2002	14 Jan 2003
Amplifier	HP 8449B (1-26.5 GHz)	3008A00713	4 Mar 2002	4 Mar 2003
Cable	Tower 1 Cable	primary	16 Aug 2002	16 Aug 2003
Cable	Huber & Suhner SF106	0.29	26 Apr 2002	26 Apr 2003

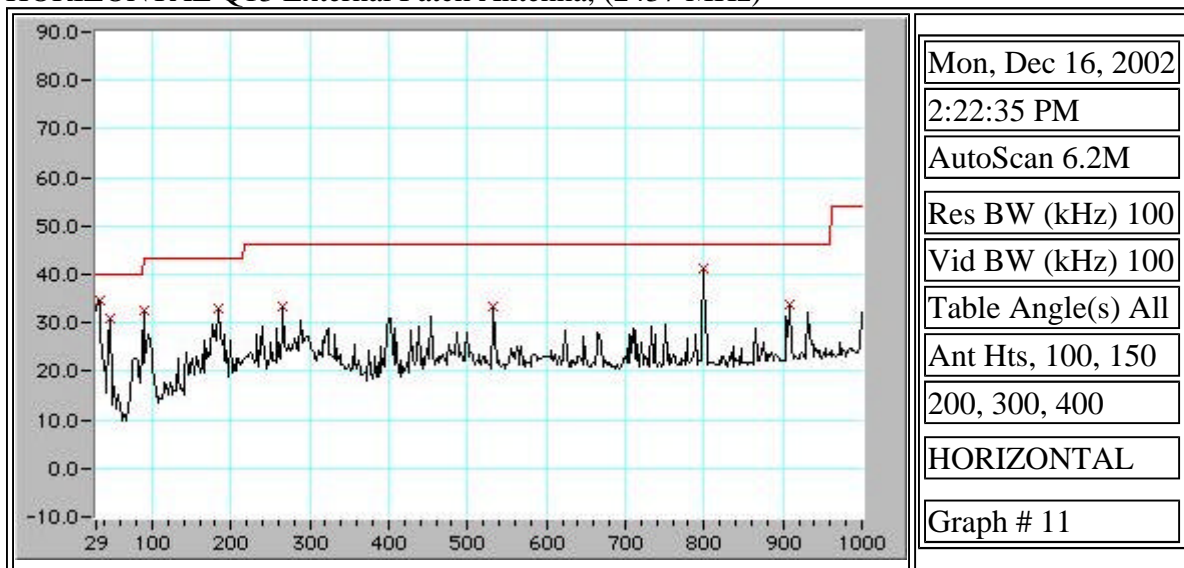
[Return to List of Scans](#) [Previous Scan](#) [Next Scan](#)

Evelyn 1

FCC Class B

P50

HORIZONTAL Q13 External Patch Antenna, (2437 MHz)



Frequency MHz	Level dBuV/m	Limit dBuV/m	Delta dB	Ht. m	Angle Deg	Raw dBuV/m	Ant. dB	Cable dB	Amp dB	All Factors dB
32.89	34.6	40.0	-5.4	H		69.40	16.97	0.78	52.59	34.84
46.51	30.8	40.0	-9.2	H		71.31	10.87	0.90	52.26	40.49
89.32	32.5	43.5	-11.0	H		73.59	8.59	1.18	50.88	41.11
184.67	33.0	43.5	-10.5	H		72.04	9.22	1.61	49.82	38.99
266.40	33.4	46.0	-12.6	H		67.58	13.78	1.97	49.90	34.15
532.99	33.3	46.0	-12.7	H		61.09	17.66	2.85	48.31	27.80
799.57	41.2	46.0	-4.8	H		67.33	19.90	3.53	49.54	26.10
908.54	33.7	46.0	-12.3	H		58.50	20.50	3.78	49.06	24.78

Equipment Description	Model Number	Serial Number	Last Calibration	Next Calibration
Spectrum Analyzer	R&S ESIB 40	100105	23 May 2002	23 May 2003
Receiver	R&S ESIB 40	100105	23 May 2002	23 May 2003
Spectrum Analyzer	HP 8566	E4662_E4663	7 May 2002	7 May 2003
Antenna	CBL6112B	2517	14 May 2002	14 May 2003
Antenna	Horn Antenna/3115	9205-3852	5 Sep 2000	5 Sep 2003
Amplifier	Penstock Amp	103	14 Jan 2002	14 Jan 2003
Amplifier	HP 8449B (1-26.5 GHz)	3008A00713	4 Mar 2002	4 Mar 2003
Cable	Tower 1 Cable	primary	16 Aug 2002	16 Aug 2003
Cable	Huber & Suhner SF106	0.29	26 Apr 2002	26 Apr 2003

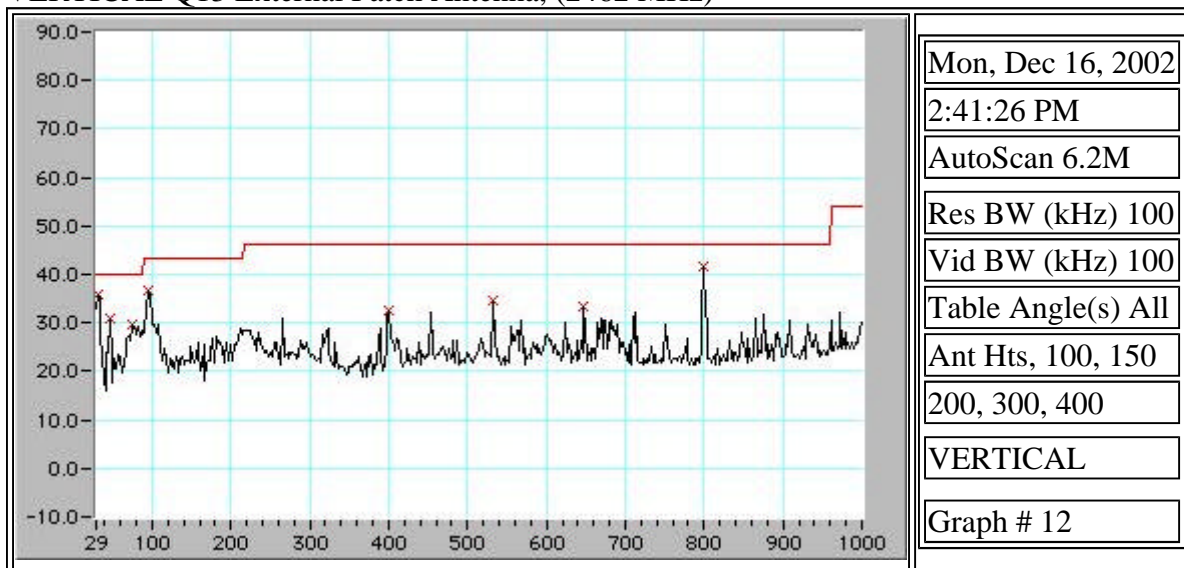
[Return to List of Scans](#) [Previous Scan](#) [Next Scan](#)

Evelyn 1

FCC Class B

P50

VERTICAL Q13 External Patch Antenna, (2462 MHz)



Frequency MHz	Level dBuV/m	Limit dBuV/m	Delta dB	Ht. m	Angle Deg	Raw dBuV/m	Ant. dB	Cable dB	Amp dB	All Factors dB
30.95	35.8	40.0	-4.2	V		70.08	17.49	0.76	52.55	34.31
46.51	30.7	40.0	-9.3	V		71.84	10.24	0.90	52.26	41.12
75.70	29.8	40.0	-10.2	V		72.99	6.90	1.10	51.16	43.16
95.16	36.9	43.5	-6.6	V		76.71	9.62	1.21	50.69	39.86
400.67	32.4	46.0	-13.6	V		63.42	15.85	2.42	49.31	31.03
532.99	34.6	46.0	-11.4	V		62.38	17.66	2.85	48.31	27.80
647.79	33.4	46.0	-12.6	V		59.70	19.00	3.15	48.44	26.29
799.57	41.6	46.0	-4.4	V		67.53	20.11	3.53	49.54	25.89

Equipment Description	Model Number	Serial Number	Last Calibration	Next Calibration
Spectrum Analyzer	R&S ESIB 40	100105	23 May 2002	23 May 2003
Receiver	R&S ESIB 40	100105	23 May 2002	23 May 2003
Spectrum Analyzer	HP 8566	E4662_E4663	7 May 2002	7 May 2003
Antenna	CBL6112B	2517	14 May 2002	14 May 2003
Antenna	Horn Antenna/3115	9205-3852	5 Sep 2000	5 Sep 2003
Amplifier	Penstock Amp	103	14 Jan 2002	14 Jan 2003
Amplifier	HP 8449B (1-26.5 GHz)	3008A00713	4 Mar 2002	4 Mar 2003
Cable	Tower 1 Cable	primary	16 Aug 2002	16 Aug 2003
Cable	Huber & Suhner SF106	0.29	26 Apr 2002	26 Apr 2003

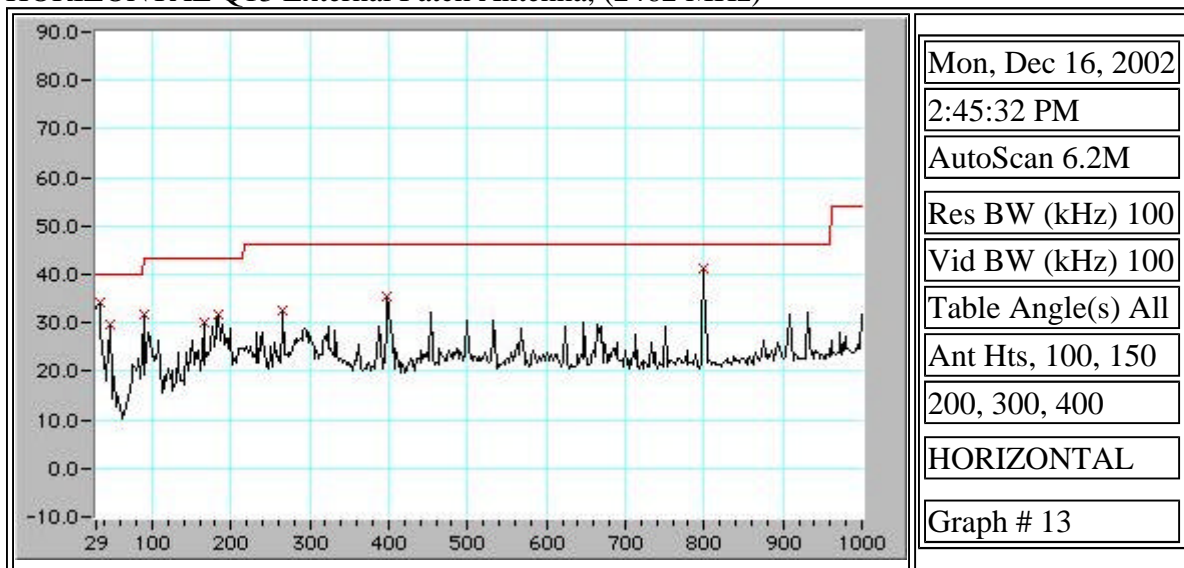
[Return to List of Scans](#) [Previous Scan](#) [Next Scan](#)

Evelyn 1

FCC Class B

P50

HORIZONTAL Q13 External Patch Antenna, (2462 MHz)



Frequency MHz	Level dBuV/m	Limit dBuV/m	Delta dB	Ht. m	Angle Deg	Raw dBuV/m	Ant. dB	Cable dB	Amp dB	All Factors dB
32.89	34.3	40.0	-5.7	H		69.16	16.97	0.78	52.59	34.84
46.51	29.8	40.0	-10.2	H		70.30	10.87	0.90	52.26	40.49
89.32	31.6	43.5	-11.9	H		72.66	8.59	1.18	50.88	41.11
165.21	30.1	43.5	-13.4	H		68.38	10.00	1.54	49.85	38.32
184.67	31.6	43.5	-11.9	H		70.62	9.22	1.61	49.82	38.99
266.40	32.7	46.0	-13.3	H		66.86	13.78	1.97	49.90	34.15
398.72	35.6	46.0	-10.4	H		67.06	15.50	2.42	49.33	31.42
799.57	41.1	46.0	-4.9	H		67.18	19.90	3.53	49.54	26.10

Equipment Description	Model Number	Serial Number	Last Calibration	Next Calibration
Spectrum Analyzer	R&S ESIB 40	100105	23 May 2002	23 May 2003
Receiver	R&S ESIB 40	100105	23 May 2002	23 May 2003
Spectrum Analyzer	HP 8566	E4662_E4663	7 May 2002	7 May 2003
Antenna	CBL6112B	2517	14 May 2002	14 May 2003
Antenna	Horn Antenna/3115	9205-3852	5 Sep 2000	5 Sep 2003
Amplifier	Penstock Amp	103	14 Jan 2002	14 Jan 2003
Amplifier	HP 8449B (1-26.5 GHz)	3008A00713	4 Mar 2002	4 Mar 2003
Cable	Tower 1 Cable	primary	16 Aug 2002	16 Aug 2003
Cable	Huber & Suhner SF106	0.29	26 Apr 2002	26 Apr 2003

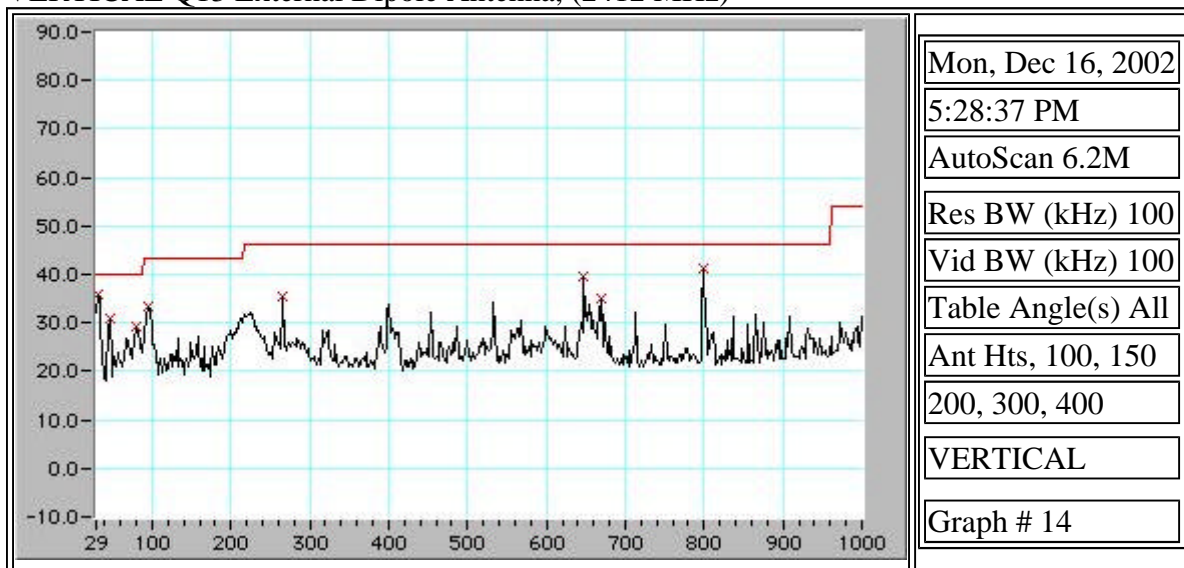
[Return to List of Scans](#) [Previous Scan](#) [Next Scan](#)

Evelyn 1

FCC Class B

P50

VERTICAL Q13 External Dipole Antenna, (2412 MHz)



Frequency MHz	Level dBuV/m	Limit dBuV/m	Delta dB	Ht. m	Angle Deg	Raw dBuV/m	Ant. dB	Cable dB	Amp dB	All Factors dB
30.95	36.0	40.0	-4.0	V		70.32	17.49	0.76	52.55	34.31
46.51	30.7	40.0	-9.3	V		71.82	10.24	0.90	52.26	41.12
79.59	29.3	40.0	-10.7	V		71.87	7.44	1.12	51.14	42.58
95.16	33.3	43.5	-10.2	V		73.13	9.62	1.21	50.69	39.86
266.40	35.4	46.0	-10.6	V		69.39	13.92	1.97	49.90	34.02
647.79	39.5	46.0	-6.5	V		65.78	19.00	3.15	48.44	26.29
669.20	34.9	46.0	-11.1	V		61.41	18.90	3.21	48.60	26.49
799.57	41.3	46.0	-4.7	V		67.23	20.11	3.53	49.54	25.89

Equipment Description	Model Number	Serial Number	Last Calibration	Next Calibration
Spectrum Analyzer	R&S ESIB 40	100105	23 May 2002	23 May 2003
Receiver	R&S ESIB 40	100105	23 May 2002	23 May 2003
Spectrum Analyzer	HP 8566	E4662_E4663	7 May 2002	7 May 2003
Antenna	CBL6112B	2517	14 May 2002	14 May 2003
Antenna	Horn Antenna/3115	9205-3852	5 Sep 2000	5 Sep 2003
Amplifier	Penstock Amp	103	14 Jan 2002	14 Jan 2003
Amplifier	HP 8449B (1-26.5 GHz)	3008A00713	4 Mar 2002	4 Mar 2003
Cable	Tower 1 Cable	primary	16 Aug 2002	16 Aug 2003
Cable	Huber & Suhner SF106	0.29	26 Apr 2002	26 Apr 2003



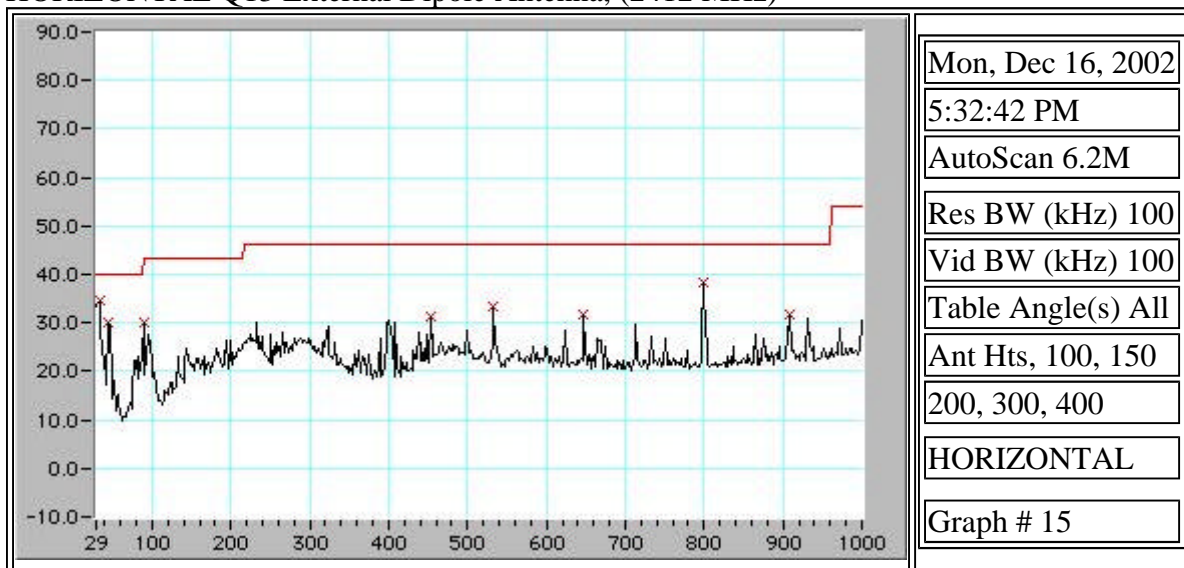
[Return to List of Scans](#) [Previous Scan](#) [Next Scan](#)

Evelyn 1

FCC Class B

P50

HORIZONTAL Q13 External Dipole Antenna, (2412 MHz)



Frequency	Level	Limit	Delta	Ht.	Angle	Raw	Ant.	Cable	Amp	All Factors
MHz	dBuV/m	dBuV/m	dB	m	Deg	dBuV/m	dB	dB	dB	dB
32.89	34.4	40.0	-5.6	H		69.28	16.97	0.78	52.59	34.84
44.57	30.2	40.0	-9.8	H		69.49	12.08	0.88	52.27	39.30
89.32	30.1	43.5	-13.4	H		71.26	8.59	1.18	50.88	41.11
453.20	31.2	46.0	-14.8	H		60.62	16.80	2.58	48.84	29.46
532.99	33.5	46.0	-12.5	H		61.28	17.66	2.85	48.31	27.80
647.79	31.6	46.0	-14.4	H		57.88	19.04	3.15	48.44	26.24
799.57	38.3	46.0	-7.7	H		64.36	19.90	3.53	49.54	26.10
908.54	31.9	46.0	-14.1	H		56.67	20.50	3.78	49.06	24.78

Equipment Description	Model Number	Serial Number	Last Calibration	Next Calibration
Spectrum Analyzer	R&S ESIB 40	100105	23 May 2002	23 May 2003
Receiver	R&S ESIB 40	100105	23 May 2002	23 May 2003
Spectrum Analyzer	HP 8566	E4662_E4663	7 May 2002	7 May 2003
Antenna	CBL6112B	2517	14 May 2002	14 May 2003
Antenna	Horn Antenna/3115	9205-3852	5 Sep 2000	5 Sep 2003
Amplifier	Penstock Amp	103	14 Jan 2002	14 Jan 2003
Amplifier	HP 8449B (1-26.5 GHz)	3008A00713	4 Mar 2002	4 Mar 2003
Cable	Tower 1 Cable	primary	16 Aug 2002	16 Aug 2003
Cable	Huber & Suhner SF106	0.29	26 Apr 2002	26 Apr 2003



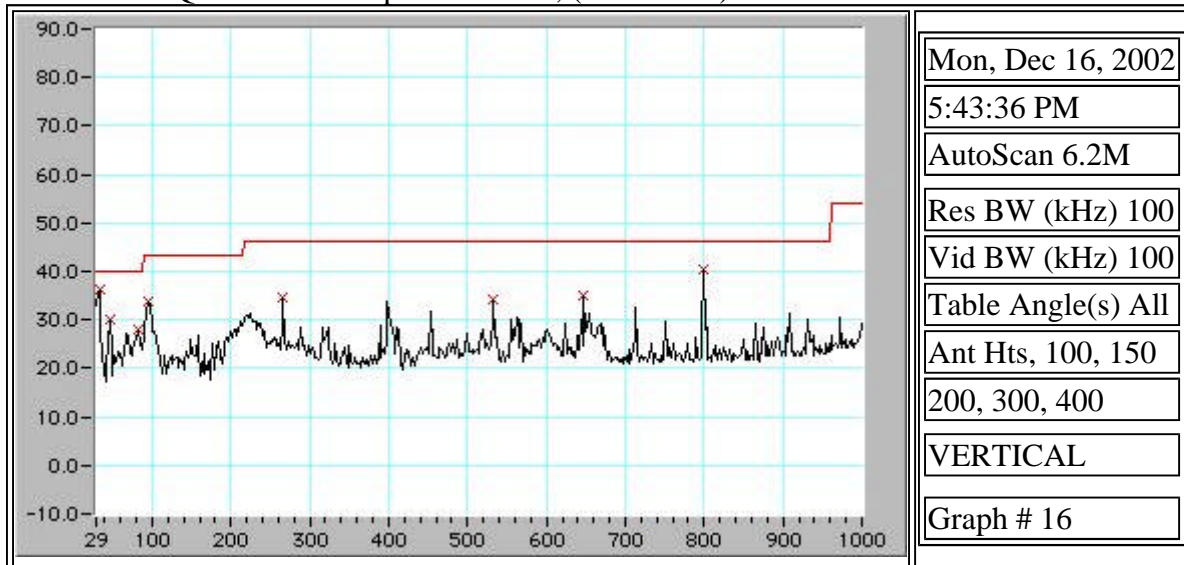
[Return to List of Scans](#) [Previous Scan](#) [Next Scan](#)

Evelyn 1

FCC Class B

P50

VERTICAL Q13 External Dipole Antenna, (2437 MHz)



Frequency MHz	Level dBuV/m	Limit dBuV/m	Delta dB	Ht. m	Angle Deg	Raw dBuV/m	Ant. dB	Cable dB	Amp dB	All Factors dB
32.89	36.3	40.0	-3.7	V		71.70	16.44	0.78	52.59	35.37
46.51	30.2	40.0	-9.8	V		71.27	10.24	0.90	52.26	41.12
83.48	28.0	40.0	-12.0	V		69.90	7.99	1.15	51.06	41.92
95.16	33.9	43.5	-9.6	V		73.73	9.62	1.21	50.69	39.86
266.40	34.8	46.0	-11.2	V		68.84	13.92	1.97	49.90	34.02
532.99	34.3	46.0	-11.7	V		62.06	17.66	2.85	48.31	27.80
647.79	34.9	46.0	-11.1	V		61.16	19.00	3.15	48.44	26.29
799.57	40.4	46.0	-5.6	V		66.29	20.11	3.53	49.54	25.89

Equipment Description	Model Number	Serial Number	Last Calibration	Next Calibration
Spectrum Analyzer	R&S ESIB 40	100105	23 May 2002	23 May 2003
Receiver	R&S ESIB 40	100105	23 May 2002	23 May 2003
Spectrum Analyzer	HP 8566	E4662_E4663	7 May 2002	7 May 2003
Antenna	CBL6112B	2517	14 May 2002	14 May 2003
Antenna	Horn Antenna/3115	9205-3852	5 Sep 2000	5 Sep 2003
Amplifier	Penstock Amp	103	14 Jan 2002	14 Jan 2003
Amplifier	HP 8449B (1-26.5 GHz)	3008A00713	4 Mar 2002	4 Mar 2003
Cable	Tower 1 Cable	primary	16 Aug 2002	16 Aug 2003
Cable	Huber & Suhner SF106	0.29	26 Apr 2002	26 Apr 2003

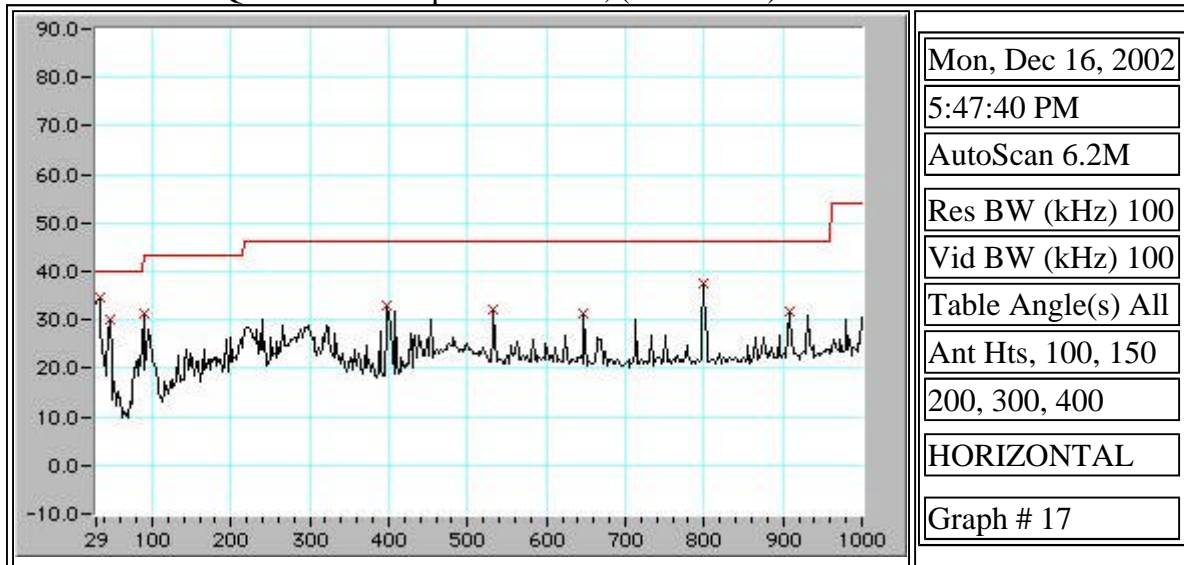
[Return to List of Scans](#) [Previous Scan](#) [Next Scan](#)

Evelyn 1

FCC Class B

P50

HORIZONTAL Q13 External Dipole Antenna, (2437 MHz)



Frequency MHz	Level dBuV/m	Limit dBuV/m	Delta dB	Ht. m	Angle Deg	Raw dBuV/m	Ant. dB	Cable dB	Amp dB	All Factors dB
32.89	34.7	40.0	-5.3	H		69.52	16.97	0.78	52.59	34.84
46.51	30.2	40.0	-9.8	H		70.66	10.87	0.90	52.26	40.49
89.32	31.4	43.5	-12.1	H		72.52	8.59	1.18	50.88	41.11
398.72	33.1	46.0	-12.9	H		64.49	15.50	2.42	49.33	31.42
532.99	32.2	46.0	-13.8	H		59.98	17.66	2.85	48.31	27.80
647.79	31.5	46.0	-14.5	H		57.75	19.04	3.15	48.44	26.24
799.57	37.4	46.0	-8.6	H		63.50	19.90	3.53	49.54	26.10
908.54	31.6	46.0	-14.4	H		56.36	20.50	3.78	49.06	24.78

Equipment Description	Model Number	Serial Number	Last Calibration	Next Calibration
Spectrum Analyzer	R&S ESIB 40	100105	23 May 2002	23 May 2003
Receiver	R&S ESIB 40	100105	23 May 2002	23 May 2003
Spectrum Analyzer	HP 8566	E4662_E4663	7 May 2002	7 May 2003
Antenna	CBL6112B	2517	14 May 2002	14 May 2003
Antenna	Horn Antenna/3115	9205-3852	5 Sep 2000	5 Sep 2003
Amplifier	Penstock Amp	103	14 Jan 2002	14 Jan 2003
Amplifier	HP 8449B (1-26.5 GHz)	3008A00713	4 Mar 2002	4 Mar 2003
Cable	Tower 1 Cable	primary	16 Aug 2002	16 Aug 2003
Cable	Huber & Suhner SF106	0.29	26 Apr 2002	26 Apr 2003

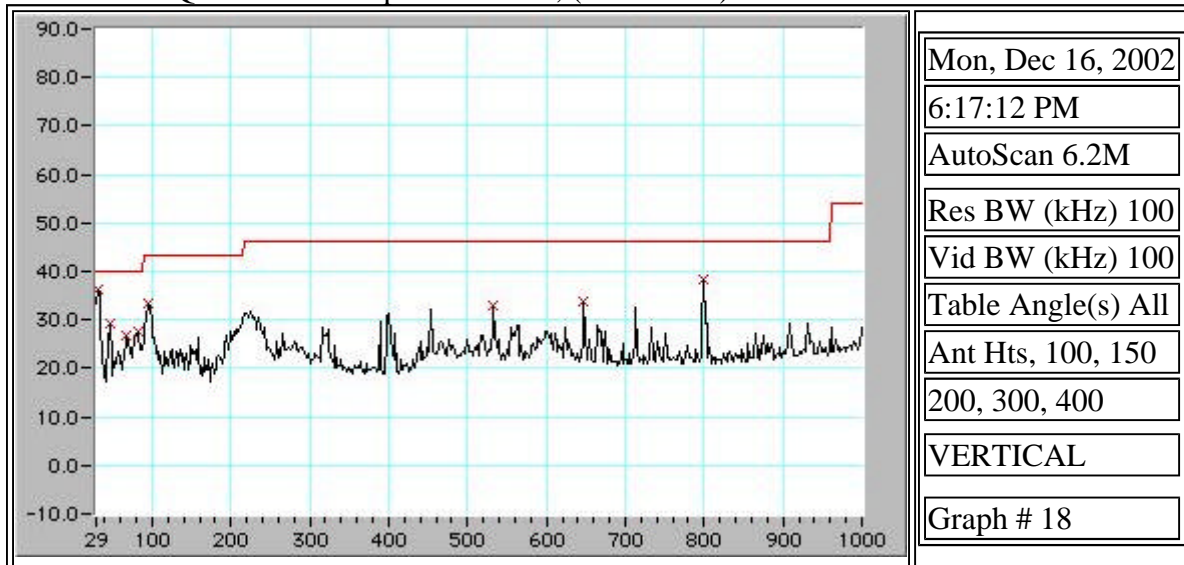
[Return to List of Scans](#) [Previous Scan](#) [Next Scan](#)

Evelyn I

FCC Class B

P50

VERTICAL Q13 External Dipole Antenna, (2462 MHz)



Frequency	Level	Limit	Delta	Ht.	Angle	Raw	Ant.	Cable	Amp	All Factors
MHz	dBuV/m	dBuV/m	dB	m	Deg	dBuV/m	dB	dB	dB	dB
30.95	36.2	40.0	-3.8	V		70.48	17.49	0.76	52.55	34.31
46.51	29.2	40.0	-10.8	V		70.30	10.24	0.90	52.26	41.12
67.92	26.6	40.0	-13.4	V		71.01	5.88	1.07	51.36	44.41
81.54	27.4	40.0	-12.6	V		69.68	7.72	1.14	51.12	42.27
95.16	33.3	43.5	-10.2	V		73.20	9.62	1.21	50.69	39.86
532.99	32.8	46.0	-13.2	V		60.63	17.66	2.85	48.31	27.80
647.79	33.8	46.0	-12.2	V		60.11	19.00	3.15	48.44	26.29
799.57	38.5	46.0	-7.5	V		64.42	20.11	3.53	49.54	25.89

Equipment Description	Model Number	Serial Number	Last Calibration	Next Calibration
Spectrum Analyzer	R&S ESIB 40	100105	23 May 2002	23 May 2003
Receiver	R&S ESIB 40	100105	23 May 2002	23 May 2003
Spectrum Analyzer	HP 8566	E4662_E4663	7 May 2002	7 May 2003
Antenna	CBL6112B	2517	14 May 2002	14 May 2003
Antenna	Horn Antenna/3115	9205-3852	5 Sep 2000	5 Sep 2003
Amplifier	Penstock Amp	103	14 Jan 2002	14 Jan 2003
Amplifier	HP 8449B (1-26.5 GHz)	3008A00713	4 Mar 2002	4 Mar 2003
Cable	Tower 1 Cable	primary	16 Aug 2002	16 Aug 2003
Cable	Huber & Suhner SF106	0.29	26 Apr 2002	26 Apr 2003

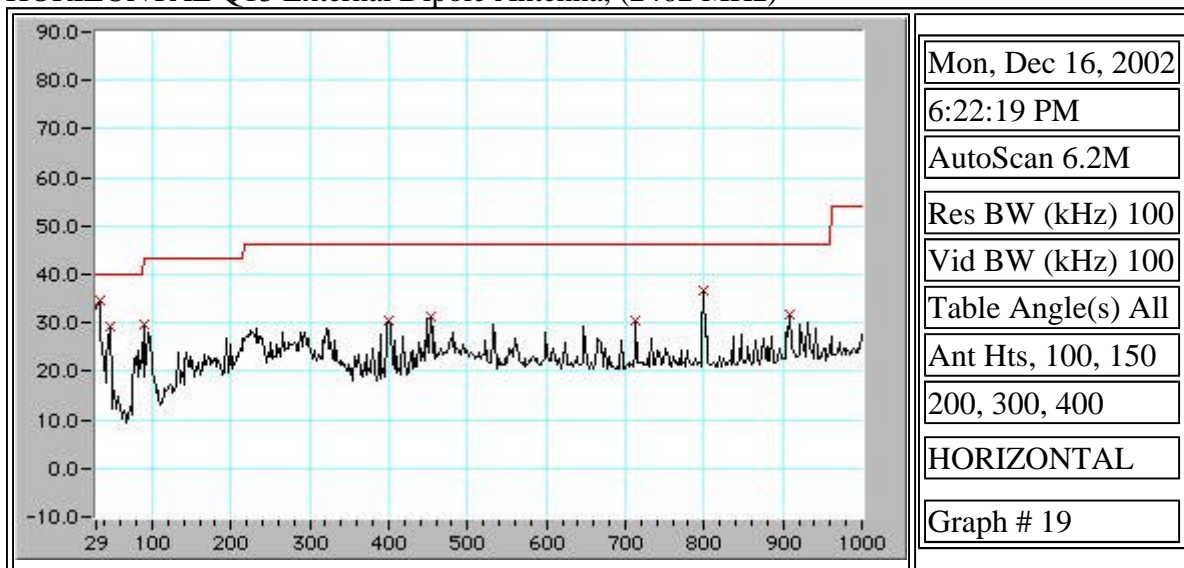
[Return to List of Scans](#) [Previous Scan](#) [Next Scan](#)

Evelyn 1

FCC Class B

P50

HORIZONTAL Q13 External Dipole Antenna, (2462 MHz)



Frequency MHz	Level dBuV/m	Limit dBuV/m	Delta dB	Ht. m	Angle Deg	Raw dBuV/m	Ant. dB	Cable dB	Amp dB	All Factors dB
32.89	34.8	40.0	-5.2	H		69.61	16.97	0.78	52.59	34.84
46.51	29.4	40.0	-10.6	H		69.89	10.87	0.90	52.26	40.49
89.32	29.6	43.5	-13.9	H		70.74	8.59	1.18	50.88	41.11
400.67	30.3	46.0	-15.7	H		61.65	15.57	2.42	49.31	31.32
453.20	31.2	46.0	-14.8	H		60.71	16.80	2.58	48.84	29.46
713.95	30.5	46.0	-15.5	H		56.95	19.08	3.33	48.89	26.48
799.57	36.9	46.0	-9.1	H		62.95	19.90	3.53	49.54	26.10
908.54	31.6	46.0	-14.4	H		56.37	20.50	3.78	49.06	24.78

Equipment Description	Model Number	Serial Number	Last Calibration	Next Calibration
Spectrum Analyzer	R&S ESIB 40	100105	23 May 2002	23 May 2003
Receiver	R&S ESIB 40	100105	23 May 2002	23 May 2003
Spectrum Analyzer	HP 8566	E4662_E4663	7 May 2002	7 May 2003
Antenna	CBL6112B	2517	14 May 2002	14 May 2003
Antenna	Horn Antenna/3115	9205-3852	5 Sep 2000	5 Sep 2003
Amplifier	Penstock Amp	103	14 Jan 2002	14 Jan 2003
Amplifier	HP 8449B (1-26.5 GHz)	3008A00713	4 Mar 2002	4 Mar 2003
Cable	Tower 1 Cable	primary	16 Aug 2002	16 Aug 2003
Cable	Huber & Suhner SF106	0.29	26 Apr 2002	26 Apr 2003