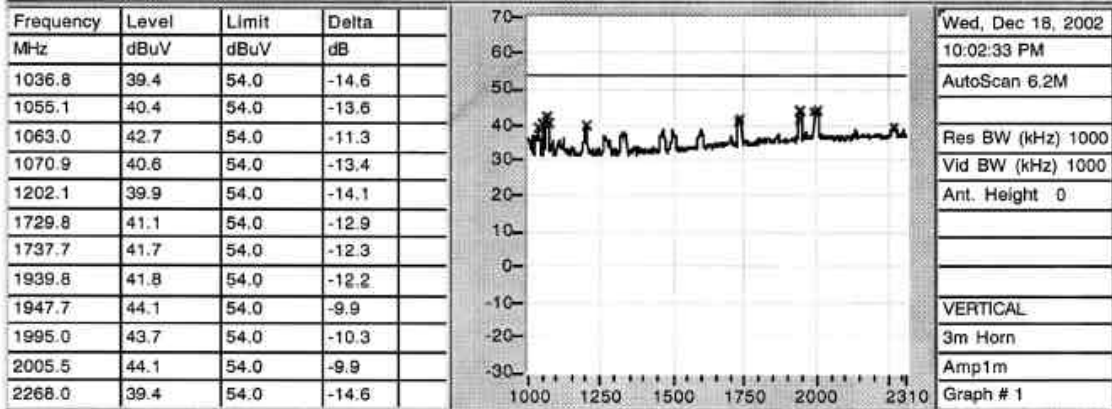
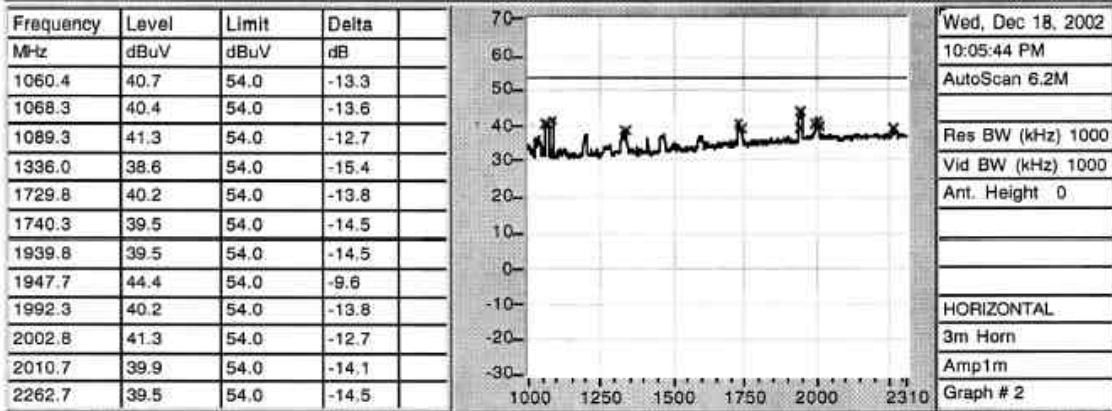


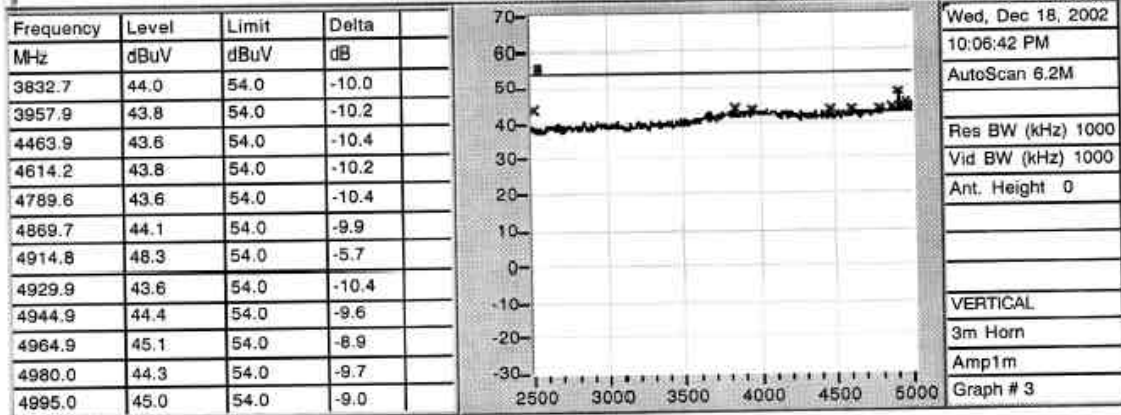
Patch antenna. Transmitting at 2402 MHz



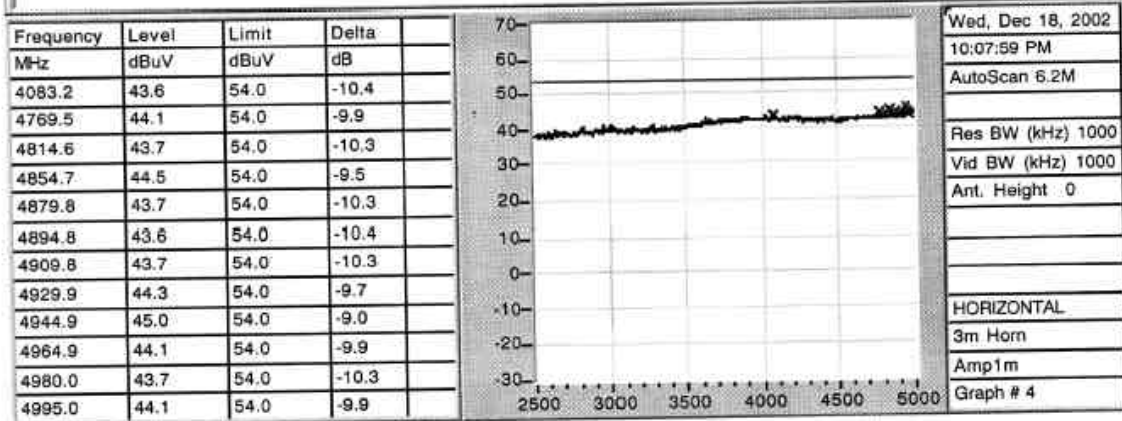
Patch antenna. Transmitting at 2402 MHz



Patch antenna. Transmitting at 2402 MHz



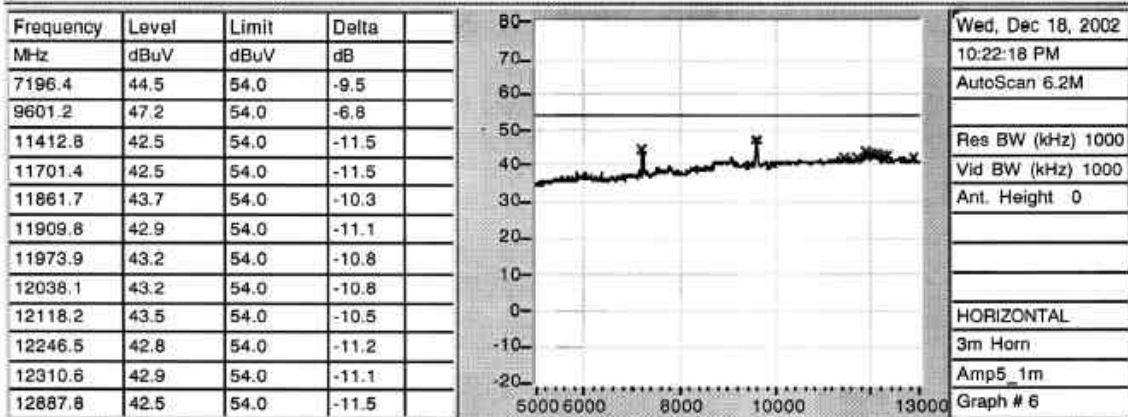
Patch antenna. Transmitting at 2402 MHz



Patch antenna. Transmitting at 2402 MHz

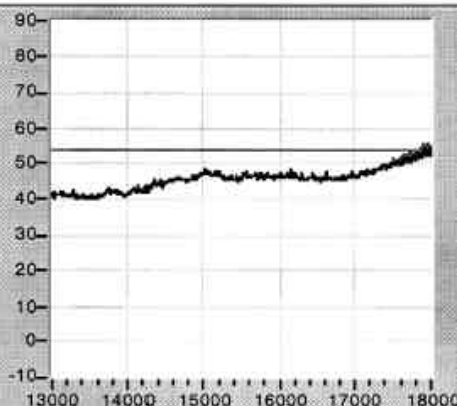


Patch antenna. Transmitting at 2402 MHz



Patch antenna. Transmitting at 2402 MHz

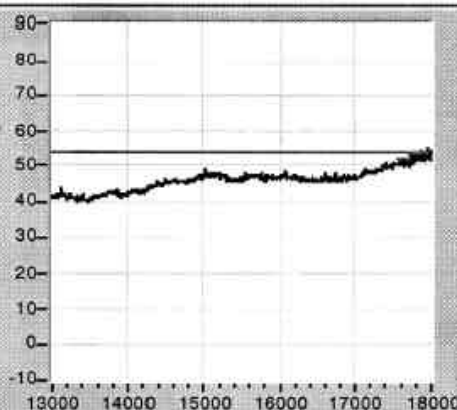
Frequency MHz	Level dBuV	Limit dBuV	Delta dB	
17539.1	51.0	54.0	-3.0	
17649.3	51.3	54.0	-2.7	
17679.4	51.8	54.0	-2.2	
17709.4	51.1	54.0	-2.9	
17739.5	51.7	54.0	-2.3	
17779.6	52.1	54.0	-1.9	
17829.7	52.8	54.0	-1.2	
17859.7	52.5	54.0	-1.5	
17899.8	53.2	54.0	-0.8	
17929.9	54.6	54.0	0.6	F
17959.9	53.7	54.0	-0.3	
17990.0	54.5	54.0	0.5	F



Wed, Dec 18, 2002
10:23:03 PM
AutoScan 6.2M
Res BW (kHz) 1000
Vid BW (kHz) 1000
Ant. Height 0
HORIZONTAL
3m Horn
Amp5_1m
Graph # 7

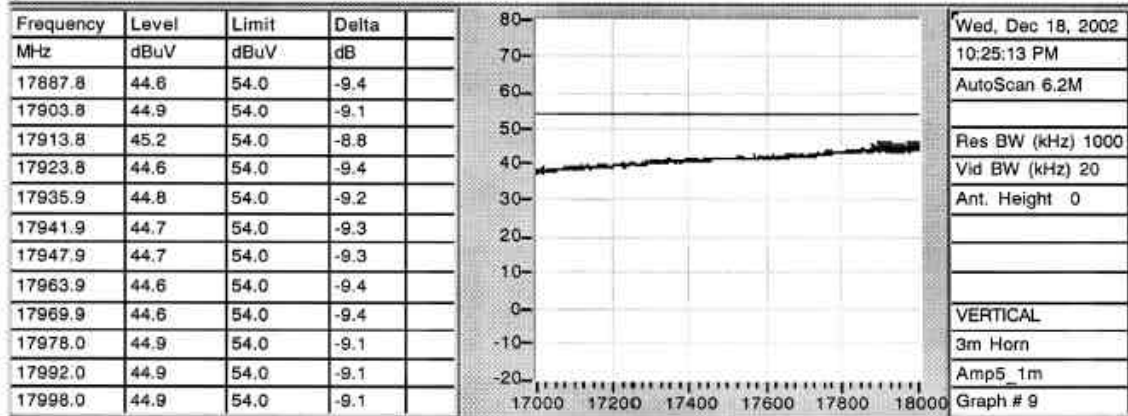
Patch antenna. Transmitting at 2402 MHz

Frequency MHz	Level dBuV	Limit dBuV	Delta dB	
17599.2	51.4	54.0	-2.6	
17649.3	51.5	54.0	-2.5	
17679.4	50.8	54.0	-3.2	
17709.4	51.5	54.0	-2.5	
17759.5	53.0	54.0	-1.0	
17799.6	52.7	54.0	-1.3	
17829.7	53.2	54.0	-0.8	
17859.7	52.9	54.0	-1.1	
17909.8	53.5	54.0	-0.5	
17939.9	53.2	54.0	-0.8	
17969.9	53.0	54.0	-1.0	
18000.0	54.0	54.0	-0.0	

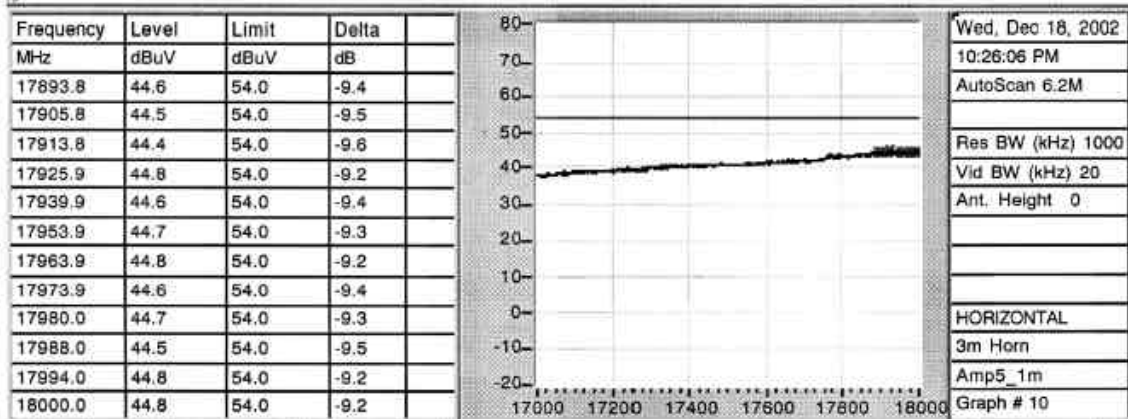


Wed, Dec 18, 2002
10:23:48 PM
AutoScan 6.2M
Res BW (kHz) 1000
Vid BW (kHz) 1000
Ant. Height 0
HORIZONTAL
3m Horn
Amp5_1m
Graph # 8

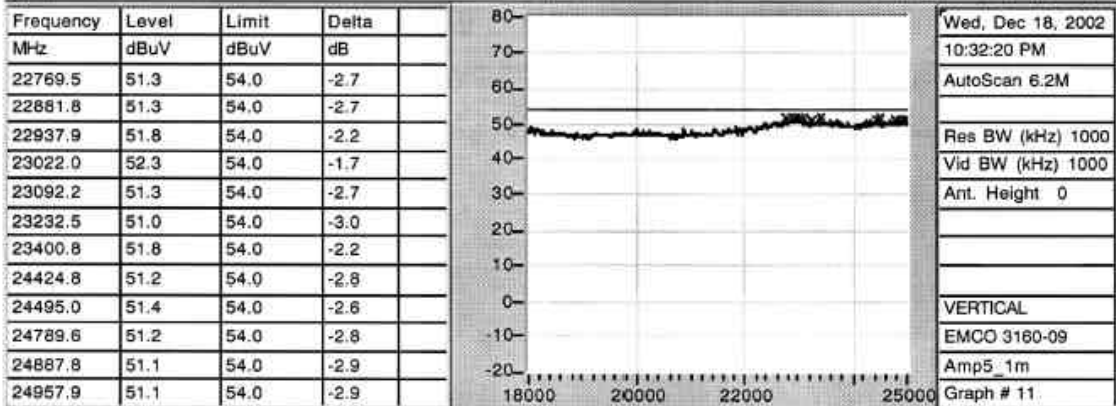
Patch antenna. Transmitting at 2402 MHz



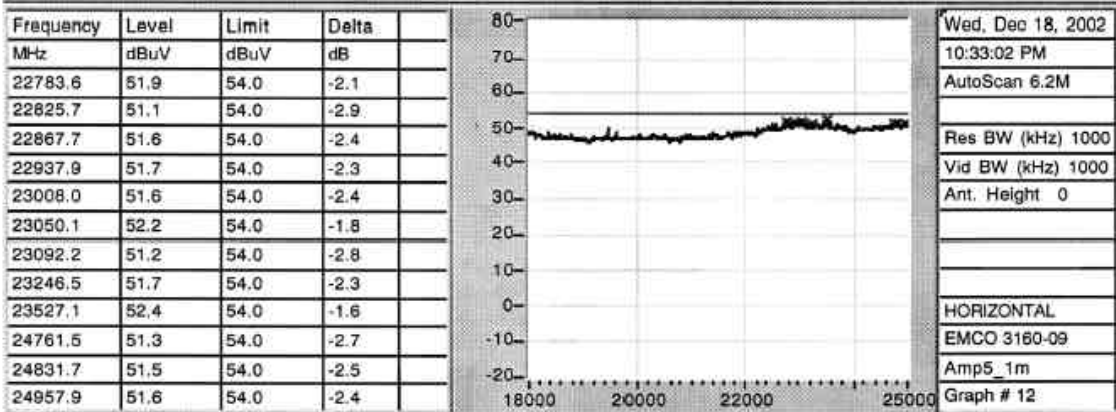
Patch antenna. Transmitting at 2402 MHz



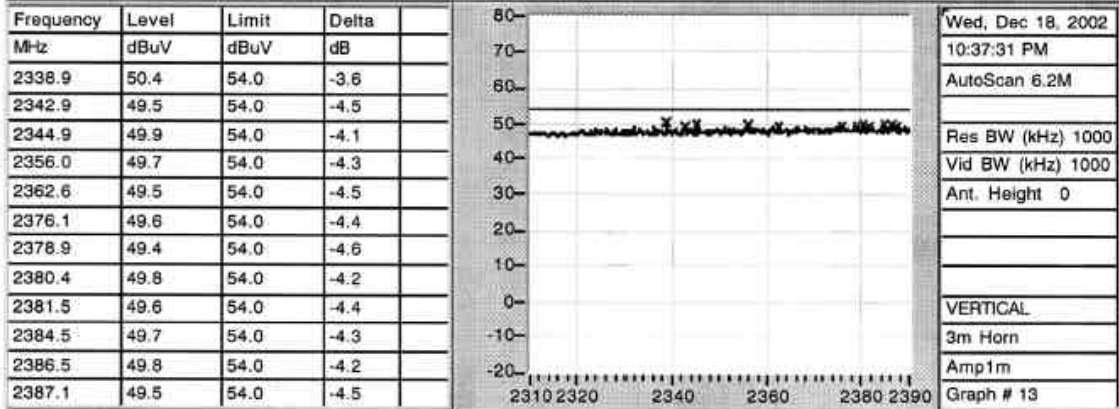
Patch antenna. Transmitting at 2402 MHz



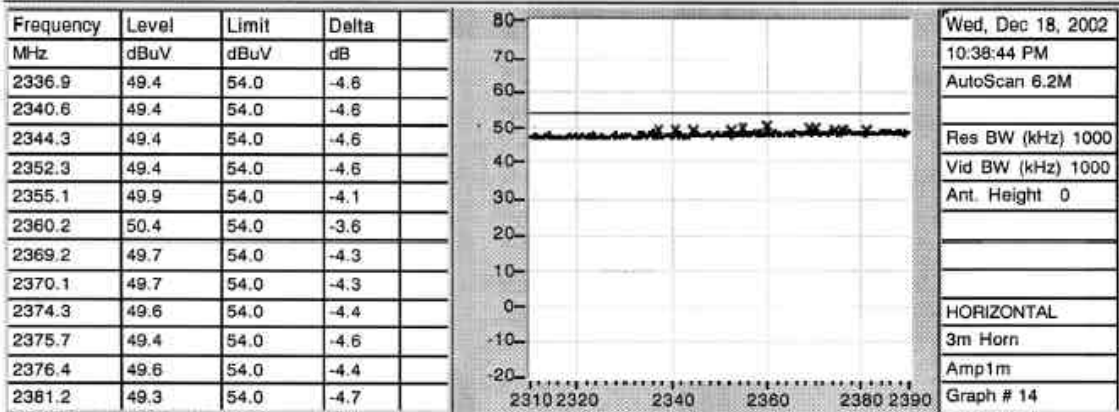
Patch antenna. Transmitting at 2402 MHz



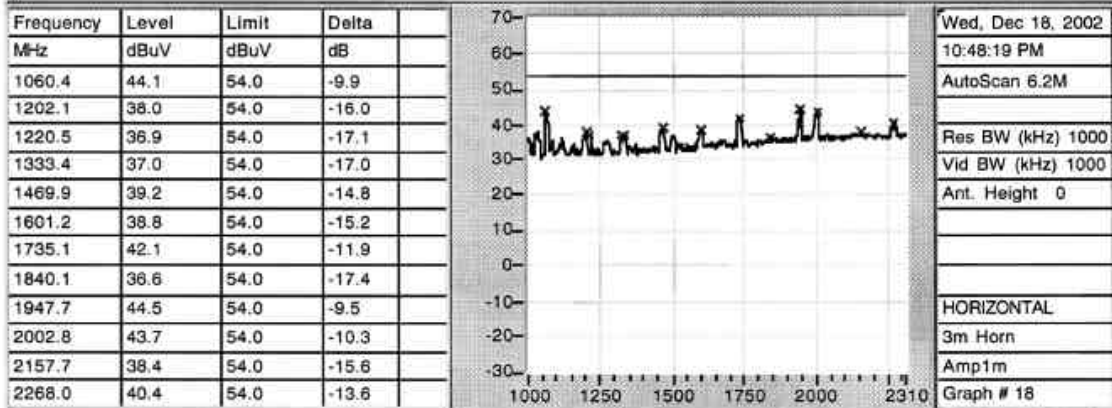
Patch antenna. Transmitting at 2402 MHz



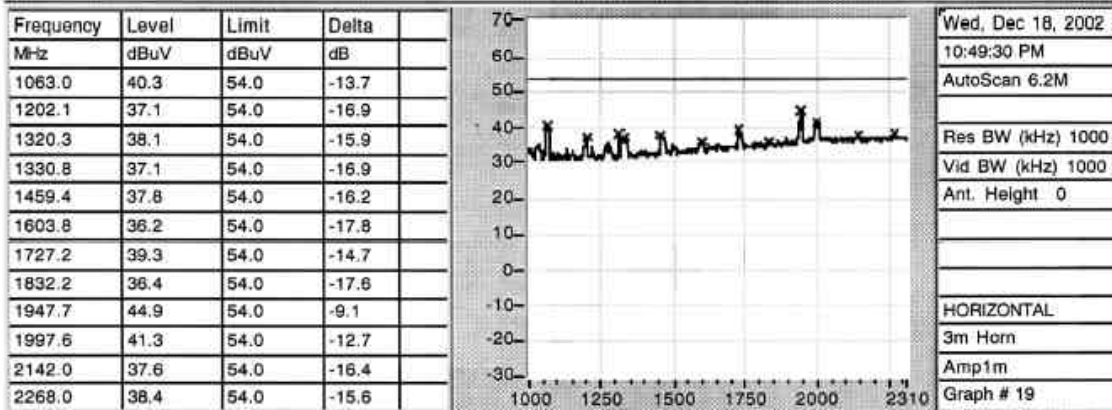
Patch antenna. Transmitting at 2402 MHz



Patch antenna. Transmitting at 2441 MHz

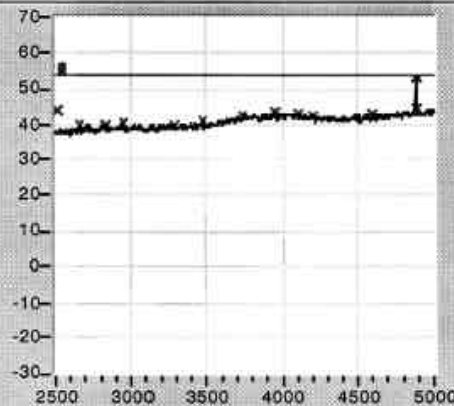


Patch antenna. Transmitting at 2441 MHz



Patch antenna. Transmitting at 2441 MHz

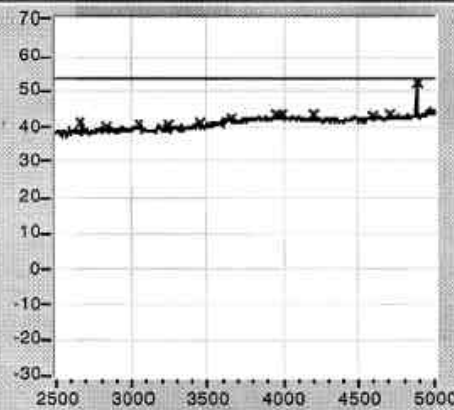
Frequency	Level	Limit	Delta	
MHz	dBuV	dBuV	dB	
2665.3	40.1	54.0	-13.9	
2840.7	40.1	54.0	-13.9	
2950.9	40.4	54.0	-13.6	
3276.6	40.0	54.0	-14.0	
3466.9	40.8	54.0	-13.2	
3742.5	42.8	54.0	-11.2	
3957.9	43.7	54.0	-10.3	
4098.2	43.0	54.0	-11.0	
4198.4	42.4	54.0	-11.6	
4594.2	43.2	54.0	-10.8	
4882.1	44.9 Av	54.0	-9.1	
4884.8	53.3	54.0	-0.7	



Wed, Dec 18, 2002
10:54:39 PM
AutoScan 6.2M
Res BW (kHz) 1000
Vid BW (kHz) 1000
Ant. Height 0
VERTICAL
3m Horn
Amp1m
Graph # 21

Patch antenna. Transmitting at 2441 MHz

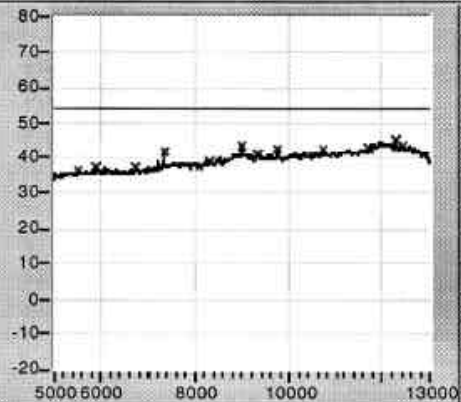
Frequency	Level	Limit	Delta	
MHz	dBuV	dBuV	dB	
2665.3	40.8	54.0	-13.2	
2840.7	39.9	54.0	-14.1	
3061.1	40.2	54.0	-13.8	
3246.5	40.5	54.0	-13.5	
3441.9	41.1	54.0	-12.9	
3667.3	42.6	54.0	-11.4	
3957.9	43.7	54.0	-10.3	
3998.0	43.7	54.0	-10.3	
4203.4	43.6	54.0	-10.4	
4594.2	43.4	54.0	-10.6	
4714.4	43.9	54.0	-10.1	
4884.8	52.2	54.0	-1.8	



Wed, Dec 18, 2002
10:56:11 PM
AutoScan 6.2M
Res BW (kHz) 1000
Vid BW (kHz) 1000
Ant. Height 0
HORIZONTAL
3m Horn
Amp1m
Graph # 22

Patch antenna. Transmitting at 2441 MHz

Frequency MHz	Level dBuV	Limit dBuV	Delta dB	
5513.0	38.5	54.0	-17.5	
5897.8	37.7	54.0	-16.3	
6747.5	37.4	54.0	-16.6	
7340.7	41.8	54.0	-12.2	
8318.6	39.2	54.0	-14.8	
9008.0	43.2	54.0	-10.8	
9328.7	41.4	54.0	-12.6	
9761.5	42.2	54.0	-11.8	
10739.5	42.3	54.0	-11.7	
11717.4	42.7	54.0	-11.3	
12262.5	45.2	54.0	-8.8	
12422.8	43.6	54.0	-10.4	



Wed, Dec 18, 2002

10:58:32 PM

AutoScan 6.2M

Res BW (kHz) 1000

Vid BW (kHz) 1000

Ant. Height 0

VERTICAL

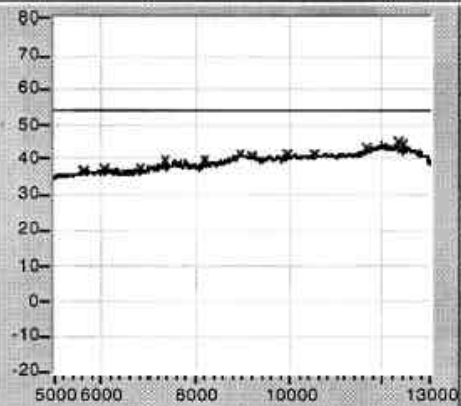
3m Horn

Amp5_1m

Graph # 23

Patch antenna. Transmitting at 2441 MHz

Frequency MHz	Level dBuV	Limit dBuV	Delta dB	
5641.3	37.2	54.0	-16.8	
6090.2	37.5	54.0	-16.5	
6875.8	37.6	54.0	-16.4	
7324.6	39.9	54.0	-14.1	
8206.4	40.1	54.0	-13.9	
8976.0	41.6	54.0	-12.4	
9184.4	41.4	54.0	-12.6	
9969.9	41.8	54.0	-12.2	
10547.1	41.8	54.0	-12.2	
11653.3	43.7	54.0	-10.3	
12310.6	44.9	54.0	-9.1	
12438.9	44.4	54.0	-9.6	



Wed, Dec 18, 2002

10:59:30 PM

AutoScan 6.2M

Res BW (kHz) 1000

Vid BW (kHz) 1000

Ant. Height 0

HORIZONTAL

3m Horn

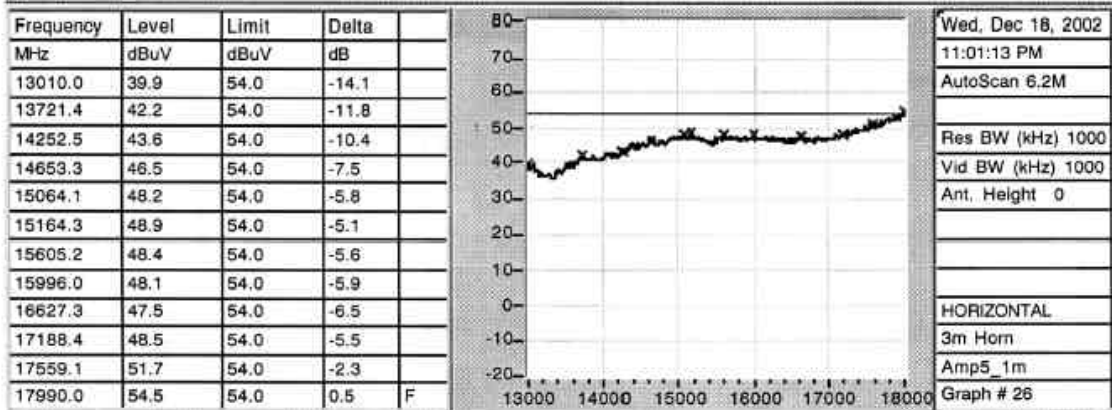
Amp5_1m

Graph # 24

Patch antenna. Transmitting at 2441 MHz

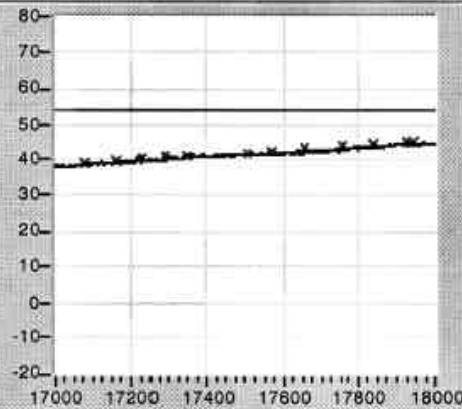


Patch antenna. Transmitting at 2441 MHz



Patch antenna. Transmitting at 2441 MHz

Frequency	Level	Limit	Delta	
MHz	dBuV	dBuV	dB	
17082.2	39.0	54.0	-15.0	
17162.3	39.8	54.0	-14.2	
17234.5	40.7	54.0	-13.3	
17286.6	41.0	54.0	-13.0	
17350.7	41.5	54.0	-12.5	
17503.0	41.9	54.0	-12.1	
17571.1	42.4	54.0	-11.6	
17657.3	43.2	54.0	-10.8	
17755.5	44.2	54.0	-9.8	
17837.7	44.4	54.0	-9.6	
17923.8	44.9	54.0	-9.1	
17945.9	45.1	54.0	-8.9	



Wed, Dec 18, 2002

11:02:03 PM

AutoScan 6.2M

Res BW (kHz) 1000

Vid BW (kHz) 20

Ant. Height 0

VERTICAL

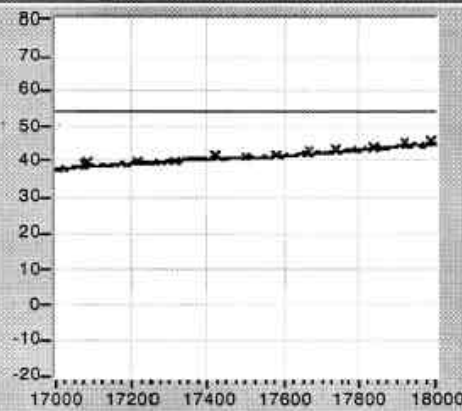
3m Horn

Amp5_1m

Graph # 27

Patch antenna. Transmitting at 2441 MHz

Frequency	Level	Limit	Delta	
MHz	dBuV	dBuV	dB	
17078.2	38.9	54.0	-15.1	
17088.2	39.5	54.0	-14.5	
17218.4	40.1	54.0	-13.9	
17310.8	40.5	54.0	-13.5	
17418.8	41.6	54.0	-12.4	
17501.0	41.3	54.0	-12.7	
17583.2	42.0	54.0	-12.0	
17665.3	43.0	54.0	-11.0	
17735.5	43.2	54.0	-10.8	
17837.7	43.9	54.0	-10.1	
17919.8	44.9	54.0	-9.1	
17988.0	45.4	54.0	-8.6	



Wed, Dec 18, 2002

11:03:02 PM

AutoScan 6.2M

Res BW (kHz) 1000

Vid BW (kHz) 20

Ant. Height 0

HORIZONTAL

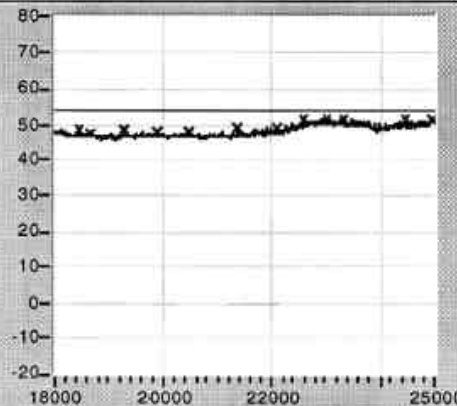
3m Horn

Amp5_1m

Graph # 28

Patch antenna. Transmitting at 2441 MHz

Frequency MHz	Level dBuV	Limit dBuV	Delta dB	
18477.0	48.9	54.0	-5.1	
18659.3	47.9	54.0	-6.1	
19304.6	48.6	54.0	-5.4	
19879.8	48.2	54.0	-5.8	
20468.9	48.3	54.0	-5.7	
21366.7	49.2	54.0	-4.8	
22096.2	49.4	54.0	-4.6	
22587.2	51.3	54.0	-2.7	
23022.0	51.6	54.0	-2.4	
23344.7	51.3	54.0	-2.7	
24452.9	51.4	54.0	-2.6	
24971.9	51.4	54.0	-2.6	



Wed, Dec 18, 2002

11:03:49 PM

AutoScan 6.2M

Res BW (kHz) 1000

Vid BW (kHz) 1000

Ant. Height 0

VERTICAL

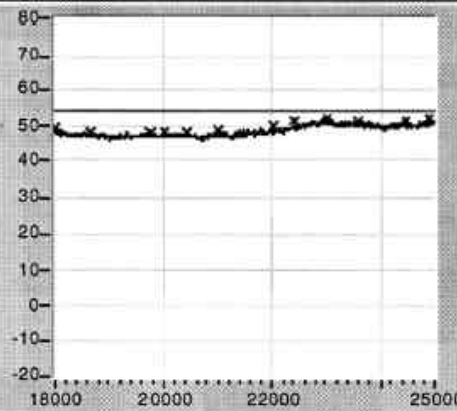
EMCO 3160-09

Amp5_1m

Graph # 29

Patch antenna. Transmitting at 2441 MHz

Frequency MHz	Level dBuV	Limit dBuV	Delta dB	
18000.0	49.2	54.0	-4.8	
18659.3	48.3	54.0	-5.7	
19753.5	48.4	54.0	-5.6	
20020.0	48.2	54.0	-5.8	
20440.9	48.5	54.0	-5.5	
21016.0	48.8	54.0	-5.2	
22040.1	49.7	54.0	-4.3	
22418.8	51.4	54.0	-2.6	
23008.0	52.2	54.0	-1.8	
23569.1	51.2	54.0	-2.8	
24452.9	51.6	54.0	-2.4	
24901.8	51.9	54.0	-2.1	



Wed, Dec 18, 2002

11:04:33 PM

AutoScan 6.2M

Res BW (kHz) 1000

Vid BW (kHz) 1000

Ant. Height 0

HORIZONTAL

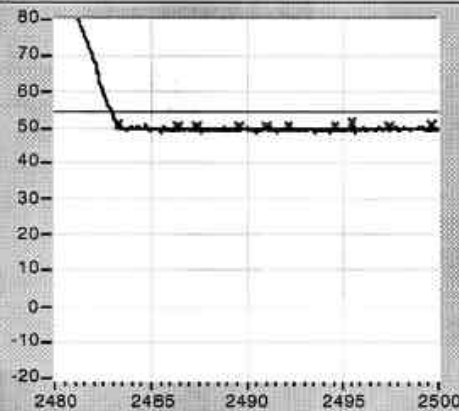
EMCO 3160-09

Amp5_1m

Graph # 30

Patch antenna. Transmitting at 2480 MHz

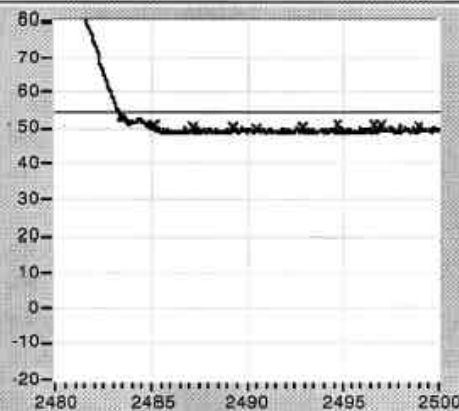
Frequency MHz	Level dBuV	Limit dBuV	Delta dB	
2483.4	50.8	54.0	-3.2	
2486.3	50.3	54.0	-3.7	
2487.3	50.2	54.0	-3.8	
2489.6	50.3	54.0	-3.7	
2491.0	50.6	54.0	-3.4	
2492.3	50.5	54.0	-3.5	
2494.6	50.3	54.0	-3.7	
2495.5	51.3	54.0	-2.7	
2497.4	50.5	54.0	-3.5	
2499.7	50.9	54.0	-3.1	



Wed, Dec 18, 2002
10:42:29 PM
AutoScan 6.2M
Res BW (kHz) 1000
Vid BW (kHz) 1000
Ant. Height 0
VERTICAL
3m Horn
Amp1m
Graph # 15

Patch antenna. Transmitting at 2480 MHz

Frequency MHz	Level dBuV	Limit dBuV	Delta dB	
2483.4	53.3	54.0	-0.7	
2485.2	50.9	54.0	-3.1	
2487.2	50.6	54.0	-3.4	
2489.3	50.6	54.0	-3.4	
2490.5	50.1	54.0	-3.9	
2492.9	50.7	54.0	-3.3	
2494.7	50.9	54.0	-3.1	
2496.7	51.0	54.0	-3.0	
2497.0	51.1	54.0	-2.9	
2499.0	50.5	54.0	-3.5	



Wed, Dec 18, 2002
10:44:01 PM
AutoScan 6.2M
Res BW (kHz) 1000
Vid BW (kHz) 1000
Ant. Height 0
HORIZONTAL
3m Horn
Amp1m
Graph # 16

Patch antenna. Transmitting at 2480 MHz

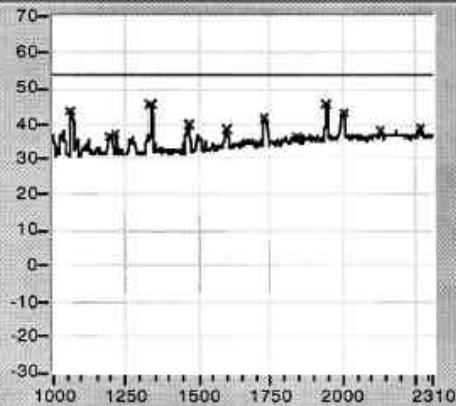
Frequency MHz	Level dBuV	Limit dBuV	Delta dB	
2483.4	46.8	54.0	-7.2	
2485.1	46.0	54.0	-8.0	
2488.2	45.9	54.0	-8.1	
2490.1	46.0	54.0	-8.0	
2491.2	46.0	54.0	-8.0	
2492.2	46.0	54.0	-8.0	
2494.1	46.0	54.0	-8.0	
2496.7	46.1	54.0	-7.9	
2498.5	46.1	54.0	-7.9	
2500.0	46.2	54.0	-7.8	



Wed, Dec 18, 2002
10:45:34 PM
AutoScan 6.2M
Res BW (kHz) 1000
Vid BW (kHz) 0.00
Ant. Height 0
HORIZONTAL
3m Horn
Amp1m

Patch antenna. Transmitting at 2480 MHz

Frequency	Level	Limit	Delta
MHz	dBuV	dBuV	dB
1060.4	43.8	54.0	-10.2
1199.5	36.9	54.0	-17.1
1220.5	37.2	54.0	-16.8
1338.7	45.6	54.0	-8.4
1467.3	39.7	54.0	-14.3
1601.2	38.6	54.0	-15.4
1729.8	41.5	54.0	-12.5
1842.7	36.7	54.0	-17.3
1947.7	45.8	54.0	-8.2
2002.8	43.2	54.0	-10.8
2131.5	38.5	54.0	-15.5
2268.0	39.1	54.0	-14.9



Wed, Dec 18, 2002

11:07:03 PM

AutoScan 6.2M

Res BW (kHz) 1000

Vid BW (kHz) 1000

Ant. Height 0

VERTICAL

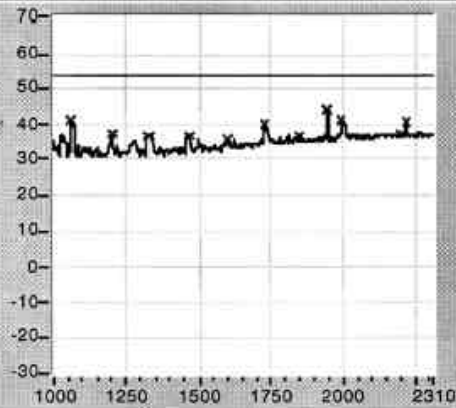
3m Horn

Amp1m

Graph # 31

Patch antenna. Transmitting at 2480 MHz

Frequency	Level	Limit	Delta
MHz	dBuV	dBuV	dB
1060.4	40.9	54.0	-13.1
1202.1	37.5	54.0	-16.5
1328.2	36.8	54.0	-17.2
1333.4	36.8	54.0	-17.2
1467.3	36.8	54.0	-17.2
1603.8	35.7	54.0	-18.3
1729.8	39.6	54.0	-14.4
1845.3	36.8	54.0	-17.2
1947.7	44.4	54.0	-9.6
1992.3	41.2	54.0	-12.8
2197.1	37.4	54.0	-16.6
2218.1	40.2	54.0	-13.8



Wed, Dec 18, 2002

11:07:50 PM

AutoScan 6.2M

Res BW (kHz) 1000

Vid BW (kHz) 1000

Ant. Height 0

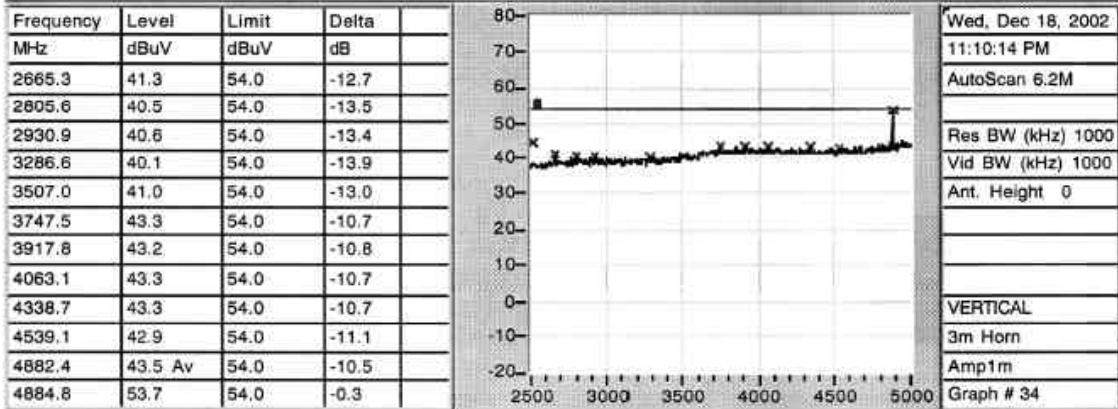
HORIZONTAL

3m Horn

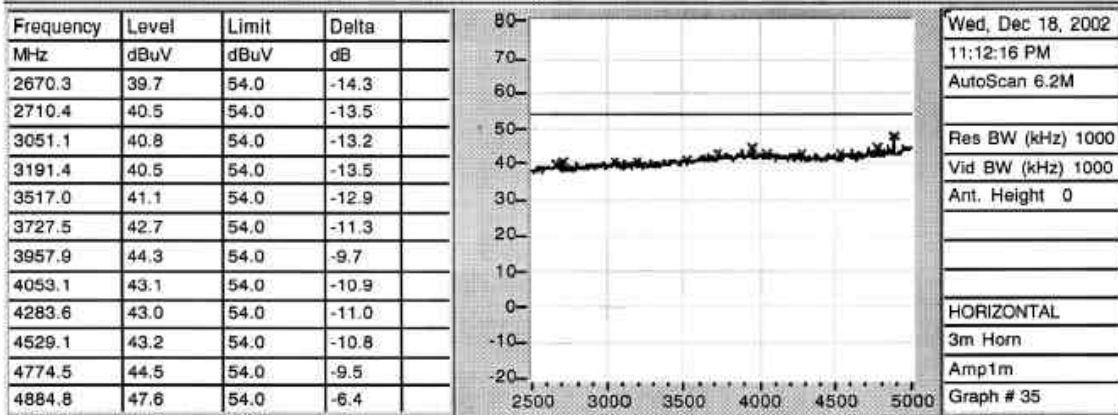
Amp1m

Graph # 32

Patch antenna. Transmitting at 2480 MHz

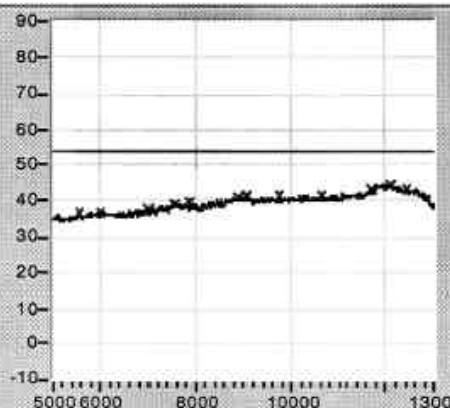


Patch antenna. Transmitting at 2480 MHz



Patch antenna. Transmitting at 2480 MHz

Frequency	Level	Limit	Delta	
MHz	dBuV	dBuV	dB	
5561.1	36.8	54.0	-17.2	
6010.0	36.8	54.0	-17.2	
7004.0	38.1	54.0	-15.9	
7533.1	39.7	54.0	-14.3	
7869.7	40.1	54.0	-13.9	
8879.8	41.3	54.0	-12.7	
9072.1	41.6	54.0	-12.4	
9761.5	41.5	54.0	-12.5	
10643.3	41.8	54.0	-12.2	
11701.4	43.4	54.0	-10.6	
12102.2	44.6	54.0	-9.4	
12438.9	43.4	54.0	-10.6	



Wed, Dec 18, 2002

11:14:02 PM

AutoScan 6.2M

Res BW (kHz) 1000

Vid BW (kHz) 1000

Ant. Height 0

VERTICAL

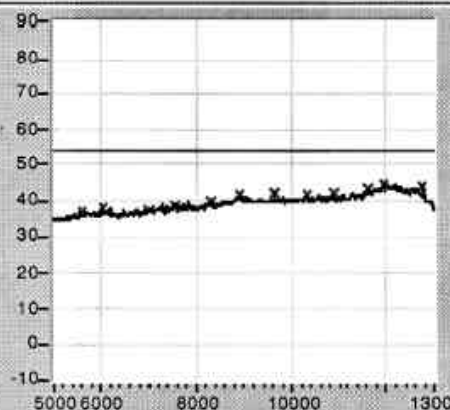
3m Horn

Amp5_1m

Graph # 36

Patch antenna. Transmitting at 2480 MHz

Frequency	Level	Limit	Delta	
MHz	dBuV	dBuV	dB	
5609.2	36.8	54.0	-17.2	
6042.1	37.7	54.0	-16.3	
7004.0	37.5	54.0	-16.5	
7533.1	39.1	54.0	-14.9	
8318.6	39.8	54.0	-14.2	
8927.9	41.5	54.0	-12.5	
9649.3	42.3	54.0	-11.7	
10338.7	41.6	54.0	-12.4	
10899.8	42.4	54.0	-11.6	
11637.3	43.0	54.0	-11.0	
11941.9	44.4	54.0	-9.6	
12759.5	43.8	54.0	-10.2	



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11:15:11 PM

AutoScan 6.2M

Res BW (kHz) 1000

Vid BW (kHz) 1000

Ant. Height 0

HORIZONTAL

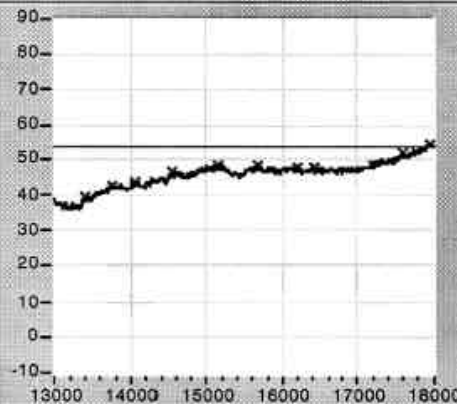
3m Horn

Amp5_1m

Graph # 37

Patch antenna. Transmitting at 2480 MHz

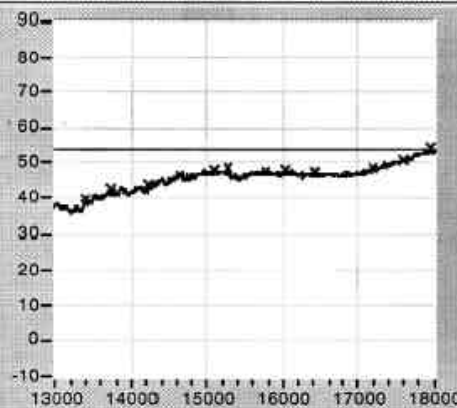
Frequency	Level	Limit	Delta	
MHz	dBuV	dBuV	dB	
13410.8	39.6	54.0	-14.4	
13751.5	42.8	54.0	-11.2	
14072.1	43.8	54.0	-10.2	
14533.1	46.7	54.0	-7.3	
15044.1	47.8	54.0	-6.2	
15134.3	48.8	54.0	-5.2	
15685.4	48.6	54.0	-5.4	
16206.4	48.2	54.0	-5.8	
16426.9	48.2	54.0	-5.8	
17198.4	48.5	54.0	-5.5	
17589.2	51.9	54.0	-2.1	
17949.9	54.4	54.0	0.4	F



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11:16:11 PM
AutoScan 6.2M
Res BW (kHz) 1000
Vid BW (kHz) 1000
Ant. Height 0
VERTICAL
3m Horn
Amp5_1m
Graph # 38

Patch antenna. Transmitting at 2480 MHz

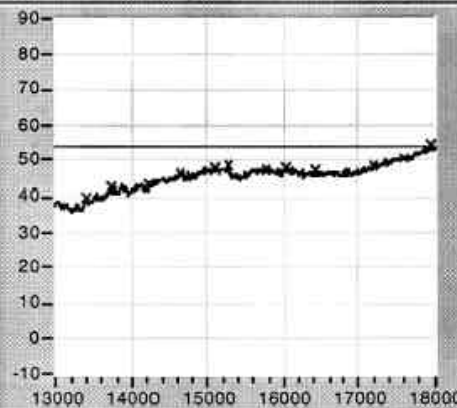
Frequency	Level	Limit	Delta	
MHz	dBuV	dBuV	dB	
13410.8	39.8	54.0	-14.2	
13741.5	42.5	54.0	-11.5	
14242.5	43.6	54.0	-10.4	
14653.3	46.5	54.0	-7.5	
15084.2	48.3	54.0	-5.7	
15284.6	48.5	54.0	-5.5	
15785.6	47.8	54.0	-6.2	
16036.1	48.1	54.0	-5.9	
16446.9	47.7	54.0	-6.3	
17188.4	48.5	54.0	-5.5	
17599.2	50.8	54.0	-3.2	
17949.9	54.7	54.0	0.7	F



Wed, Dec 18, 2002
11:16:54 PM
AutoScan 6.2M
Res BW (kHz) 1000
Vid BW (kHz) 1000
Ant. Height 0
HORIZONTAL
3m Horn
Amp5_1m
Graph # 39

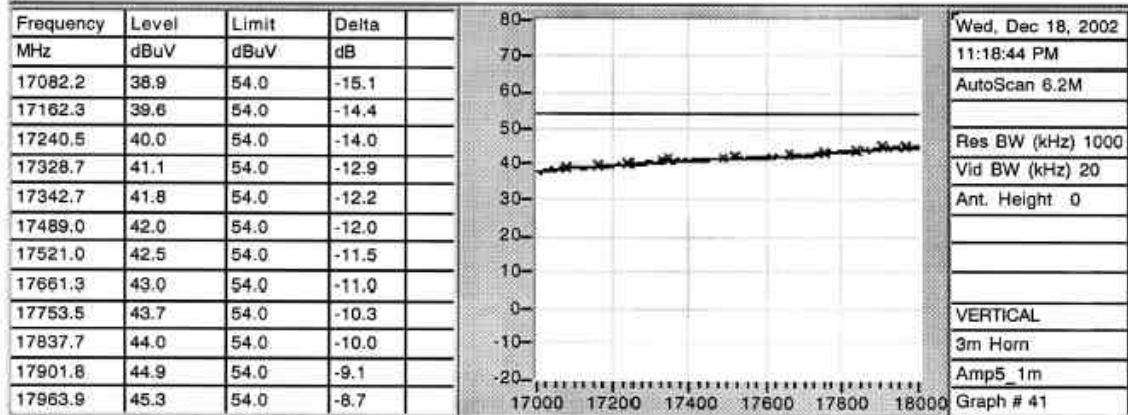
Patch antenna. Transmitting at 2480 MHz

Frequency	Level	Limit	Delta	
MHz	dBuV	dBuV	dB	
13410.8	39.8	54.0	-14.2	
13741.5	42.5	54.0	-11.5	
14242.5	43.6	54.0	-10.4	
14653.3	46.5	54.0	-7.5	
15084.2	48.3	54.0	-5.7	
15284.6	48.5	54.0	-5.5	
15785.6	47.8	54.0	-6.2	
16036.1	48.1	54.0	-5.9	
16446.9	47.7	54.0	-6.3	
17188.4	48.5	54.0	-5.5	
17599.2	50.8	54.0	-3.2	
17949.9	54.7	54.0	0.7	F

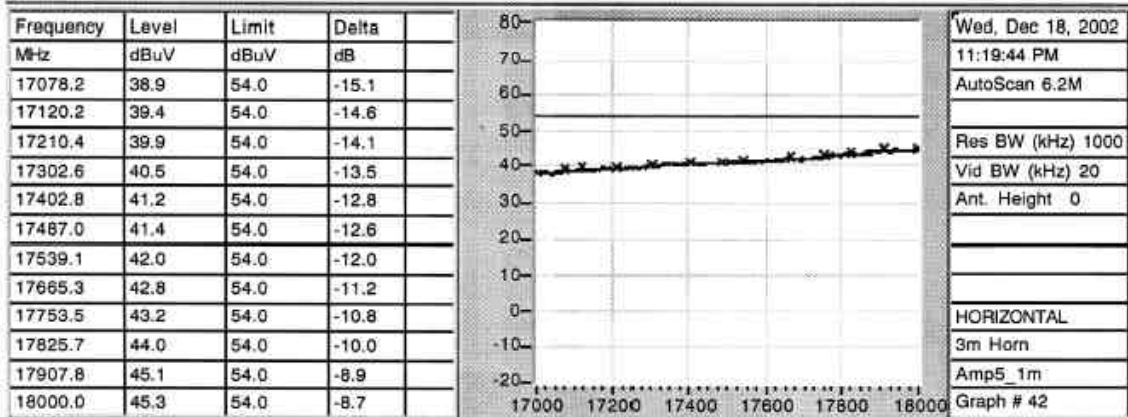


Wed, Dec 18, 2002
11:16:54 PM
AutoScan 6.2M
Res BW (kHz) 1000
Vid BW (kHz) 1000
Ant. Height 0
HORIZONTAL
3m Horn
Amp5_1m
Graph # 40

Patch antenna. Transmitting at 2480 MHz

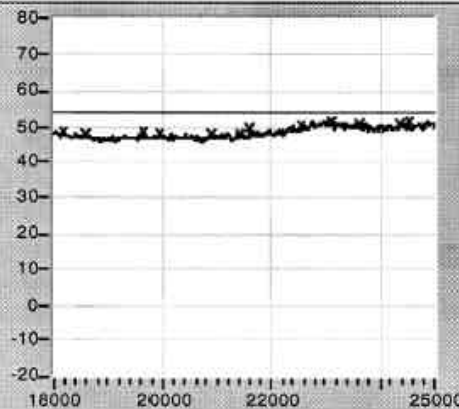


Patch antenna. Transmitting at 2480 MHz



Patch antenna. Transmitting at 2480 MHz

Frequency MHz	Level dBuV	Limit dBuV	Delta dB	
18182.4	48.8	54.0	-5.2	
18603.2	48.4	54.0	-5.6	
19669.3	48.7	54.0	-5.3	
19935.9	48.1	54.0	-5.9	
20889.8	48.2	54.0	-5.8	
21436.9	48.5	54.0	-5.5	
21619.2	49.7	54.0	-4.3	
22545.1	50.4	54.0	-3.6	
23134.3	52.0	54.0	-2.0	
23625.2	51.1	54.0	-2.9	
24368.7	51.0	54.0	-3.0	
24523.0	51.5	54.0	-2.5	



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11:22:02 PM

AutoScan 6.2M

Res BW (kHz) 1000

Vid BW (kHz) 1000

Ant. Height 0

VERTICAL

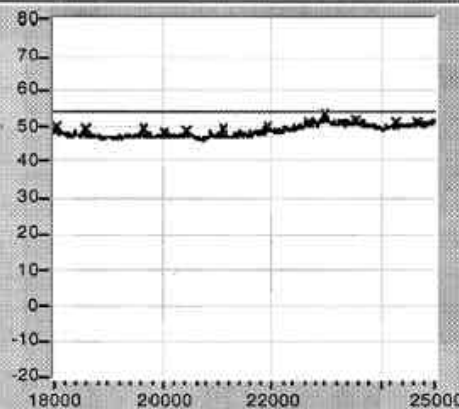
EMCO 3160-09

Amp5_1m

Graph # 43

Patch antenna. Transmitting at 2480 MHz

Frequency MHz	Level dBuV	Limit dBuV	Delta dB	
18028.1	49.9	54.0	-4.1	
18589.2	49.3	54.0	-4.7	
19655.3	49.6	54.0	-4.4	
20006.0	48.3	54.0	-5.7	
20440.9	48.7	54.0	-5.3	
21114.2	49.6	54.0	-4.4	
21927.9	49.9	54.0	-4.1	
22685.4	50.9	54.0	-3.1	
22980.0	53.4	54.0	-0.6	
23541.1	52.0	54.0	-2.0	
24298.6	50.8	54.0	-3.2	
24677.4	51.7	54.0	-2.3	



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11:23:05 PM

AutoScan 6.2M

Res BW (kHz) 1000

Vid BW (kHz) 1000

Ant. Height 0

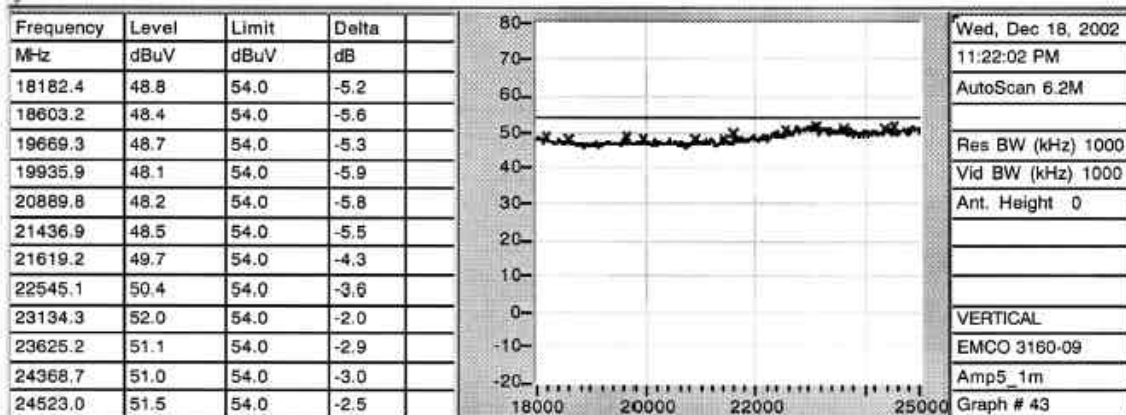
HORIZONTAL

EMCO 3160-09

Amp5_1m

Graph # 44

Patch antenna. Transmitting at 2480 MHz



Patch antenna. Transmitting at 2480 MHz

