

APPENDIX E

DATA SHEETS

RADIATED EMISSIONS***DATA SHEETS for the 802.11A (UNII) MODE***

CMC
EmulationEngine
Model: RCX-EE11ABG3

Date: 3/17/04
Lab: B
Tested By: Ben Chavez

Channel 36 - UNII Transmit Mode

[illegible]

CMC
EmulationEngine
Model: RCX-EE11ABG3

Date: 3/17/04
Lab: B
Tested By: Ben Chavez

[illegible]

CMC
EmulationEngine
Model: RCX-EE11ABG3

Date: 3/17/04
Lab: B
Tested By: Ben Chavez

Channel 48 - UNII Transmit Mode

[illegible]

CMC
EmulationEngine
Model: RCX-EE11ABG3

Date: 3/17/04
Lab: B
Tested By: Ben Chavez

Channel 52 - UNII Transmit Mode

[illegible]

CMC
EmulationEngine
Model: RCX-EE11ABG3

Date: 3/17/04
Lab: B
Tested By: Ben Chavez

Channel 64 - UNII Transmit Mode

[illegible]

CMC
EmulationEngine
Model: RCX-EE11ABG3

Date: 3/17/04
Lab: B
Tested By: Ben Chavez

Channel 64 - UNII Transmit Mode

[illegible]



RADIATED EMISSIONS

DATA SHEETS for the DIGITAL PORTION



Test Location	: Compatible Electronics	Page	: 1/2
Customer	: CMC	Date	: 3/26/2004
Manufacturer	: CMC	Time	: 7:56:51
Eut name	: EmulationEngine	Lab	: D
Model	: RCX-EE11ABG3	Test Distance	: 10.0 Meters
Serial #	: N/A		
Specification	: FCC Class A		
Distance correction factor (20 * log(test/spec))			: 0.00
Test Mode	: TEST RANGE 30 - 1000 MHz		
	VERTICAL AND HORIZONTAL POLARIZATIONS - Unintentional Radiator		

TESTED BY: MICHAEL CHRISTENSEN

Pol	Freq MHz	Rdng dBuV	Cable loss dB	Ant factor dB	Amp gain dB	Cor'd rdg = R dBuV	Limit = L dBuV/m	Delta R-L dB
1V	192.096	57.90	2.04	14.67	37.57	37.04	43.50	-6.46
2V	192.096	57.90	2.04	14.67	37.57	37.04	43.50	-6.46
3V	192.096	57.90	2.04	14.67	37.57	37.04	43.50	-6.46
4V	192.096	57.90	2.04	14.67	37.57	37.04	43.50	-6.46
5V	192.096Qp	57.78	2.04	14.67	37.57	36.92	43.50	-6.58
6V	128.099	56.30	1.64	11.53	37.76	31.71	43.50	-11.79
7H	192.101	58.70	2.04	14.67	37.57	37.84	43.50	-5.66
8H	200.091	60.30	2.10	14.90	37.60	39.70	43.50	-3.80
9H	160.096	60.00	1.90	13.90	37.50	38.30	43.50	-5.20
10H	256.101	46.10	2.40	17.01	37.53	27.98	46.40	-18.42
11H	128.107	52.40	1.64	11.53	37.76	27.81	43.50	-15.69
12H	120.112	52.80	1.58	9.93	37.75	26.57	43.50	-16.93
13H	150.112	62.70	1.90	13.01	37.50	40.11	43.50	-3.39
14H	250.097	60.80	2.40	16.61	37.50	42.31	46.40	-4.09
15H	150.049	59.20	1.90	13.00	37.50	36.60	43.50	-6.90
16H	150.050Qp	58.92	1.90	13.00	37.50	36.32	43.50	-7.18
17H	125.066	56.70	1.60	11.40	37.80	31.90	43.50	-11.60
18H	140.072	54.60	1.79	12.01	37.61	30.78	43.50	-12.72
19H	225.072	49.80	2.20	15.80	37.60	30.20	46.40	-16.20
20H	275.095	57.50	2.40	18.23	37.60	40.53	46.40	-5.87
21H	45.824	59.70	1.00	12.82	37.62	35.90	39.10	-3.20
22V	150.108	59.00	1.90	13.01	37.50	36.41	43.50	-7.09
23V	150.049	57.40	1.90	13.00	37.50	34.80	43.50	-8.70
24V	150.050Qp	56.24	1.90	13.00	37.50	33.64	43.50	-9.86
25V	160.062	52.50	1.90	13.90	37.50	30.80	43.50	-12.70
26V	250.100	55.90	2.40	16.61	37.50	37.41	46.40	-8.99
27V	200.060	50.60	2.10	14.90	37.60	30.00	43.50	-13.50
28V	125.112	57.40	1.60	11.40	37.80	32.61	43.50	-10.89
29V	225.066	51.30	2.20	15.80	37.60	31.70	46.40	-14.70
30V	275.069	51.30	2.40	18.23	37.60	34.33	46.40	-12.07
31V	50.536	63.30	1.01	12.69	37.69	39.31	39.10	0.21
32V	50.523Qp	60.93	1.01	12.69	37.69	36.95	39.10	-2.15
33V	56.103	65.50	1.13	10.63	37.57	39.68	39.10	0.58
34V	56.096Qp	64.05	1.13	10.63	37.57	38.23	39.10	-0.87
35H	512.070	45.20	3.50	16.22	37.15	27.77	46.40	-18.63



Test Location : Compatible Electronics **Page** : 2/2
Customer : CMC **Date** : 3/26/2004
Manufacturer : CMC **Time** : 7:56:51
Eut name : EMULATIONENGINE **Lab** : D
Model : RCX-EE11ABG3 **Test Distance** : 10.0 Meters
Serial # : N/A
Specification : FCC Class A
Distance correction factor (20 * log(test/spec)) : 0.00
Test Mode : TEST RANGE 30 - 1000 MHz
VERTICAL AND HORIZONTAL POLARIZATIONS - Unintentional Radiator

TESTED BY: MICHAEL CHRISTENSEN

Pol	Freq MHz	Rdng dBuV	Cable loss dB	Ant factor dB	Amp gain dB	Cor'd rdg = R dBuV	Limit = L dBuV/m	Delta R-L dB
36H	624.120	48.90	4.05	18.29	37.25	33.99	46.40	-12.41
37H	350.101	58.20	2.70	13.66	37.50	37.06	46.40	-9.34
38H	375.103	53.00	2.91	14.04	37.50	32.45	46.40	-13.95
39V	500.127	45.10	3.40	16.00	37.10	27.40	46.40	-19.00
40V	350.101	51.50	2.70	13.66	37.50	30.36	46.40	-16.04
41V	448.118	47.20	3.58	15.21	37.02	28.98	46.40	-17.42
42V	336.107	46.90	2.67	13.43	37.53	25.48	46.40	-20.92
43V	396.095	48.30	3.07	14.35	37.50	28.22	46.40	-18.18
44V	240.076	43.70	2.32	16.29	37.54	24.78	46.40	-21.62
45V	31.398	48.30	0.83	13.04	37.75	24.42	39.10	-14.68



Test Location	: Compatible Electronics	Page	: 1/1
Customer	: CMC	Date	: 3/26/2004
Manufacturer	: CMC	Time	: 14:15:50
Eut name	: EmulationEngine	Lab	: D
Model	: RCX-EE11ABG	Test Distance	: 3 Meters
Serial #	: N/A		
Specification	: FCC Class B		
Distance correction factor (20 * log(test/spec))			: 0.00
Test Mode	: TEST RANGE 10 kHz - 1000 MHz - Unintentional Radiator VERTICAL AND HORIZONTAL POLARIZATIONS - In Restricted Bands		

TESTED BY: MICHAEL CHRISTENSEN

Pol	Freq MHz	Rdng dBuV	Cable loss dB	Ant factor dB	Amp gain dB	Cor'd rdg = R dBuV	Limit = L dBuV/m	Delta R-L dB
1H	128.094	63.90	1.11	11.53	37.76	38.78	43.50	-4.72
2H	125.204	49.00	1.10	11.41	37.80	23.71	43.50	-19.79
3H	150.049	53.60	1.20	13.00	37.50	30.30	43.50	-13.20
4H	240.093	50.40	1.56	16.29	37.54	30.72	46.00	-15.28
5H	250.102	50.00	1.60	16.61	37.50	30.71	46.00	-15.29
6H	275.067	44.70	1.60	18.22	37.60	26.93	46.00	-19.07
7H	256.054	53.80	1.60	17.01	37.53	34.88	46.00	-11.12
8V	120.097	52.90	1.06	9.93	37.75	26.15	43.50	-17.35
9V	125.089	47.90	1.10	11.40	37.80	22.61	43.50	-20.89
10V	128.099	61.50	1.11	11.53	37.76	36.38	43.50	-7.12
11V	150.049	50.60	1.20	13.00	37.50	27.30	43.50	-16.20
12V	240.091	44.60	1.56	16.29	37.54	24.92	46.00	-21.08
13V	250.089	48.10	1.60	16.61	37.50	28.81	46.00	-17.19
14V	256.099	50.10	1.60	17.01	37.53	31.18	46.00	-14.82
15V	275.113	41.80	1.60	18.23	37.60	24.03	46.00	-21.97
16H	990.060	39.40	3.26	21.61	35.48	28.80	54.00	-25.20
17V	990.080	42.90	3.26	21.61	35.47	32.30	54.00	-21.70
18H	120.107	51.30	1.06	9.93	37.75	24.55	43.50	-18.95

CMC
EmulationEngine
Model: RCX-EE11ABG3

Date: 3/17/04
Lab: B
Tested By: Ben Chavez

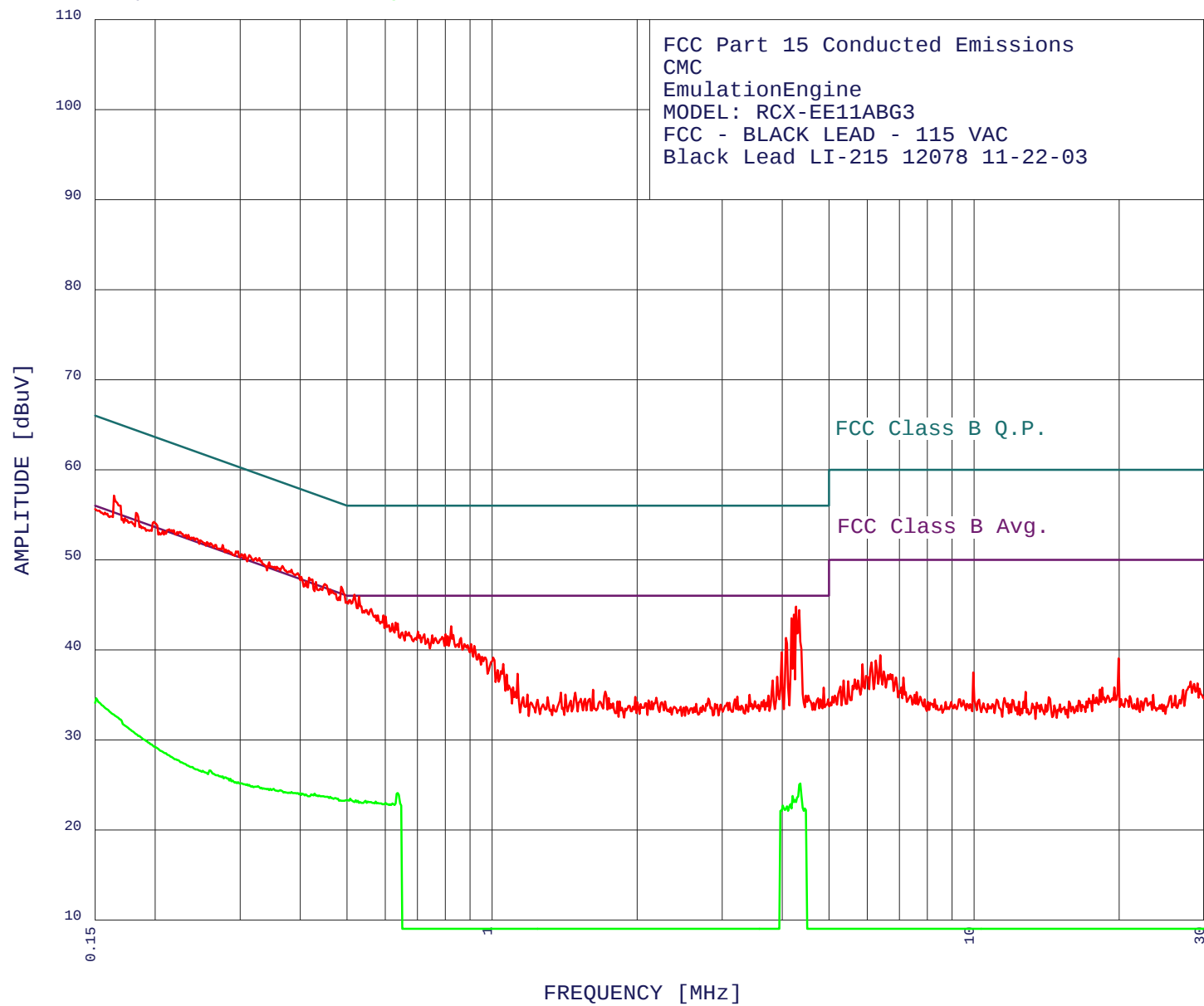
[illegible]

CONDUCTED EMISSIONS

DATA SHEETS

EMISSION LEVEL [dBuV] PEAK
Graph for Peak & Average

3/26/2004 16:23:56





3/26/2004

16:23:56

FCC - Part 15 Conducted Emissions

CMC

EmulationEngine

MODEL: RCX-EE11ABG3

FCC - BLACK LEAD - 115 VAC

Black Lead LI-215 12078 11-22-03

TEST ENGINEER : MICHAEL CHRISTENSEN

45 highest peaks above -50.00 dB of FCC Class B Avg. limit line

Peak criteria : 1.00 dB, Curve : Peak

Peak#	Freq(MHz)	Amp(dBuV)	Limit(dB)	Delta(dB)
1	0.164	57.12	55.25	1.87**
2	0.183	55.21	54.37	0.84**
3	0.486	47.01	46.23	0.78**
4	0.417	48.01	47.50	0.51**
5	0.431	47.51	47.24	0.27**
6	0.518	46.11	46.00	0.11**
7	0.530	45.91	46.00	-0.09**
8	4.272	44.81	46.00	-1.19**
9	4.339	44.41	46.00	-1.59**
10	4.227	43.91	46.00	-2.09**
11	0.601	43.72	46.00	-2.28**
12	4.182	43.51	46.00	-2.49**
13	0.631	43.02	46.00	-2.98**
14	0.822	42.62	46.00	-3.38
15	0.701	42.02	46.00	-3.98
16	0.662	42.02	46.00	-3.98
17	0.801	41.72	46.00	-4.28
18	0.751	41.62	46.00	-4.38
19	0.809	41.52	46.00	-4.48
20	0.862	41.32	46.00	-4.68
21	4.071	41.31	46.00	-4.69**
22	0.919	40.43	46.00	-5.57
23	3.987	39.71	46.00	-6.29**
24	1.006	39.13	46.00	-6.87
25	1.055	38.43	46.00	-7.57
26	1.027	37.73	46.00	-8.27
27	1.130	37.33	46.00	-8.67
28	1.072	37.23	46.00	-8.77
29	3.903	37.01	46.00	-8.99
30	3.820	36.61	46.00	-9.39
31	1.106	35.83	46.00	-10.17
32	4.877	35.81	46.00	-10.19
33	1.620	35.55	46.00	-10.45
34	6.390	39.41	50.00	-10.59
35	1.717	35.35	46.00	-10.65
36	1.488	35.25	46.00	-10.75
37	1.389	35.24	46.00	-10.76
38	1.419	35.04	46.00	-10.96
39	1.184	35.04	46.00	-10.96
40	19.950	39.03	50.00	-10.97
41	3.419	35.01	46.00	-10.99
42	4.528	34.91	46.00	-11.09
43	3.741	34.91	46.00	-11.09
44	6.254	38.81	50.00	-11.19
45	3.226	34.80	46.00	-11.20


**COMPATIBLE
ELECTRONICS**

3/26/2004

16:23:56

FCC Part 15 Conducted Emissions

CMC

EmulationEngine

MODEL: RCX-EE11ABG3

FCC - BLACK LEAD - 115 VAC

Black Lead LI-215 12078 11-22-03

TEST ENGINEER : MICHAEL CHRISTENSEN

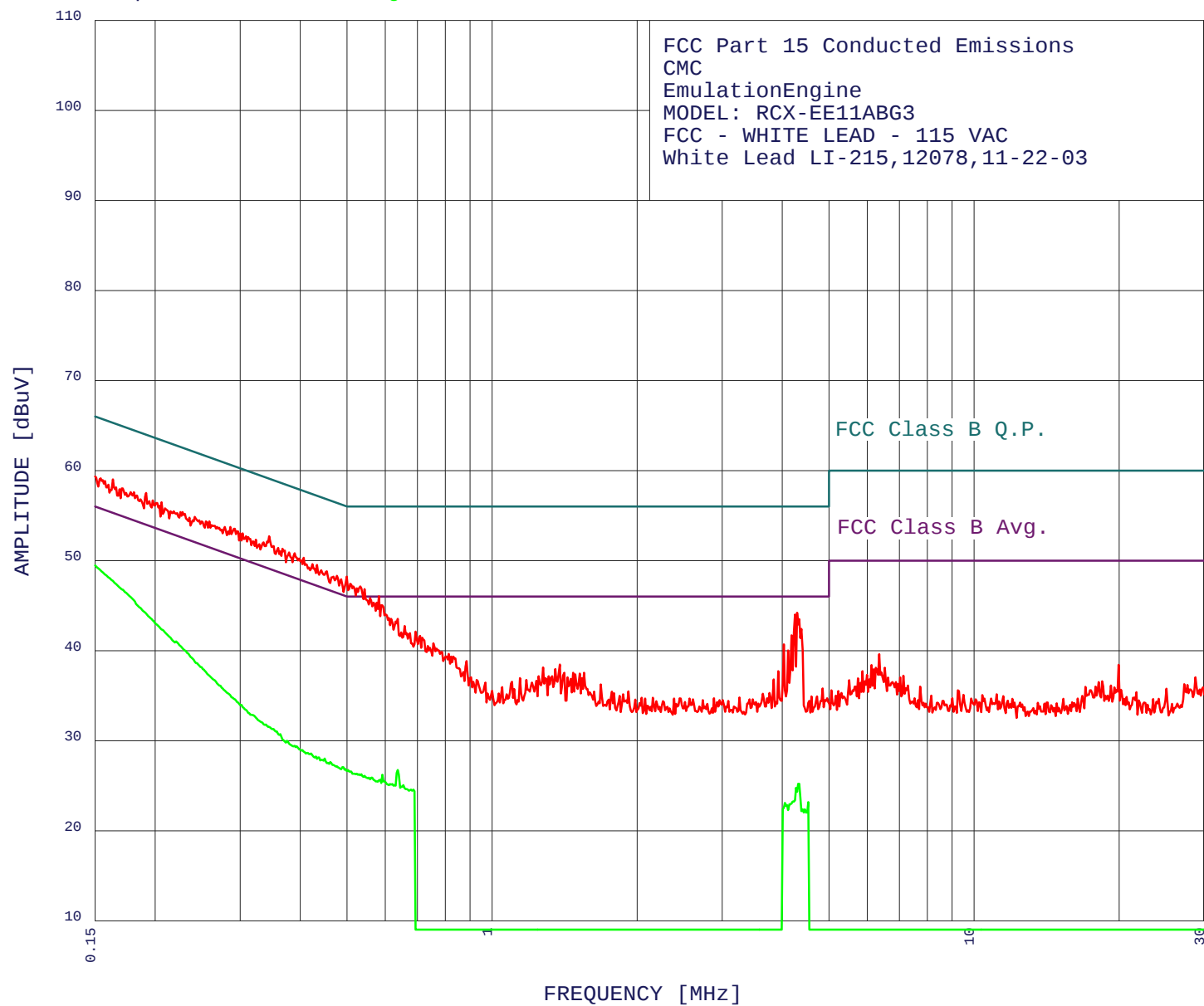
35 highest peaks above -50.00 dB of FCC Class B Avg. limit line

Peak criteria : 0.10 dB, Curve : Average

Peak#	Freq(MHz)	Amp(dBuV)	Limit(dB)	Delta(dB)
1	4.361	25.16	46.00	-20.84
2	0.151	34.62	55.95	-21.33
3	0.637	24.09	46.00	-21.91
4	4.204	23.77	46.00	-22.23
5	0.508	23.45	46.00	-22.55
6	4.249	23.32	46.00	-22.68
7	0.521	23.30	46.00	-22.70
8	0.547	23.22	46.00	-22.78
9	0.527	23.22	46.00	-22.78
10	0.573	23.15	46.00	-22.85
11	0.552	23.15	46.00	-22.85
12	0.461	23.67	46.67	-23.00
13	0.601	23.00	46.00	-23.00
14	0.621	22.93	46.00	-23.07
15	4.159	22.86	46.00	-23.14
16	0.428	24.02	47.28	-23.26
17	4.008	22.70	46.00	-23.30
18	4.092	22.61	46.00	-23.39
19	0.421	23.95	47.42	-23.47
20	4.456	22.37	46.00	-23.63
21	0.411	23.95	47.63	-23.69
22	0.404	24.02	47.77	-23.75
23	0.400	24.08	47.86	-23.78
24	0.383	24.22	48.21	-23.99
25	0.363	24.42	48.65	-24.23
26	0.352	24.55	48.91	-24.36
27	0.347	24.55	49.04	-24.50
28	0.327	24.87	49.53	-24.66
29	0.259	26.61	51.47	-24.86
30	0.286	25.66	50.63	-24.96
31	0.276	25.95	50.94	-24.98
32	0.279	25.84	50.85	-25.01
33	0.297	25.31	50.32	-25.02
34	0.290	25.48	50.54	-25.06
35	0.251	26.56	51.73	-25.16

EMISSION LEVEL [dBuV] PEAK
Graph for Peak & Average

3/26/2004 16:38:50




**COMPATIBLE
ELECTRONICS**

3/26/2004

16:38:50

FCC Part 15 Conducted Emissions

CMC

EmulationEngine

MODEL: RCX-EE11ABG3

FCC - WHITE LEAD - 115 VAC

White Lead LI-215,12078,11-22-03

TEST ENGINEER : MICHAEL CHRISTENSEN

45 highest peaks above -50.00 dB of FCC Class B Avg. limit line

Peak criteria : 1.00 dB, Curve : Peak

Peak#	Freq(MHz)	Amp(dBuV)	Limit(dB)	Delta(dB)
1	0.163	59.02	55.29	3.73**
2	0.345	52.71	49.09	3.62**
3	0.192	57.50	53.97	3.53**
4	0.206	56.49	53.35	3.13**
5	0.170	58.02	54.94	3.07**
6	0.389	50.81	48.08	2.74**
7	0.379	50.91	48.29	2.62**
8	0.500	48.22	46.01	2.21**
9	0.532	47.12	46.00	1.12**
10	0.544	46.82	46.00	0.82**
11	0.583	46.02	46.00	0.02**
12	0.592	45.02	46.00	-0.98**
13	4.294	44.20	46.00	-1.80**
14	4.249	44.00	46.00	-2.00**
15	0.637	43.52	46.00	-2.48**
16	0.658	42.72	46.00	-3.28**
17	4.384	42.40	46.00	-3.60**
18	0.694	42.12	46.00	-3.88
19	4.182	41.70	46.00	-4.30**
20	0.716	41.42	46.00	-4.58
21	0.755	40.82	46.00	-5.18
22	4.029	40.70	46.00	-5.30**
23	4.114	40.00	46.00	-6.00**
24	0.885	38.83	46.00	-7.17
25	1.382	38.44	46.00	-7.56
26	1.276	38.14	46.00	-7.86
27	1.352	37.94	46.00	-8.06
28	3.924	37.70	46.00	-8.30
29	1.552	37.55	46.00	-8.45
30	1.472	37.55	46.00	-8.45
31	1.412	37.54	46.00	-8.46
32	1.520	37.45	46.00	-8.55
33	1.488	37.35	46.00	-8.65
34	1.331	37.14	46.00	-8.86
35	1.434	37.05	46.00	-8.95
36	1.536	36.95	46.00	-9.05
37	1.142	36.94	46.00	-9.06
38	3.841	36.80	46.00	-9.20
39	1.178	36.74	46.00	-9.26
40	0.929	36.73	46.00	-9.27
41	1.236	36.64	46.00	-9.36
42	1.100	36.53	46.00	-9.47
43	0.969	36.43	46.00	-9.57
44	1.680	36.25	46.00	-9.75
45	1.049	35.93	46.00	-10.07



FCC Part 15 Conducted Emissions

CMC

EmulationEngine

MODEL: RCX-EE11ABG3

FCC - WHITE LEAD - 115 VAC

White Lead LI-215,12078,11-22-03

TEST ENGINEER : MICHAEL CHRISTENSEN

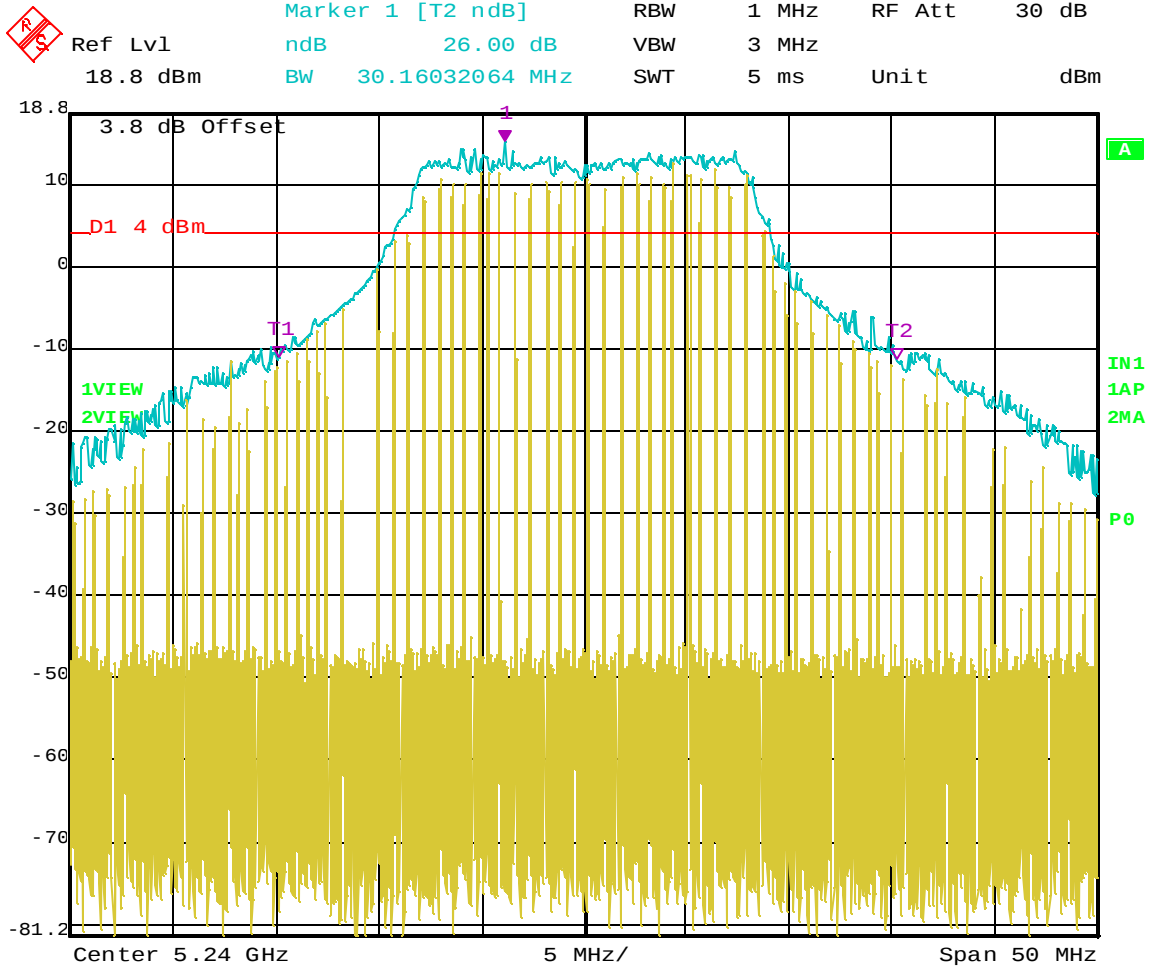
23 highest peaks above -50.00 dB of FCC Class B Avg. limit line

Peak criteria : 0.10 dB, Curve : Average

Peak#	Freq(MHz)	Amp(dBuV)	Limit(dB)	Delta(dB)
1	0.221	41.01	52.78	-11.78
2	0.375	29.97	48.38	-18.41
3	0.449	27.99	46.89	-18.89
4	0.438	28.12	47.11	-18.98
5	0.461	27.63	46.67	-19.03
6	0.489	27.08	46.18	-19.11
7	0.637	26.73	46.00	-19.27
8	0.502	26.73	46.00	-19.27
9	0.535	26.26	46.00	-19.74
10	0.592	26.21	46.00	-19.79
11	0.544	26.10	46.00	-19.90
12	0.564	25.88	46.00	-20.12
13	0.586	25.66	46.00	-20.34
14	4.339	25.21	46.00	-20.79
15	0.621	25.19	46.00	-20.81
16	0.655	25.07	46.00	-20.93
17	4.272	24.77	46.00	-21.23
18	0.686	24.56	46.00	-21.44
19	0.679	24.56	46.00	-21.44
20	4.528	23.16	46.00	-22.84
21	4.050	23.08	46.00	-22.92
22	4.456	22.36	46.00	-23.64
23	4.408	22.36	46.00	-23.64

-26 dB BANDWIDTH

DATA SHEETS

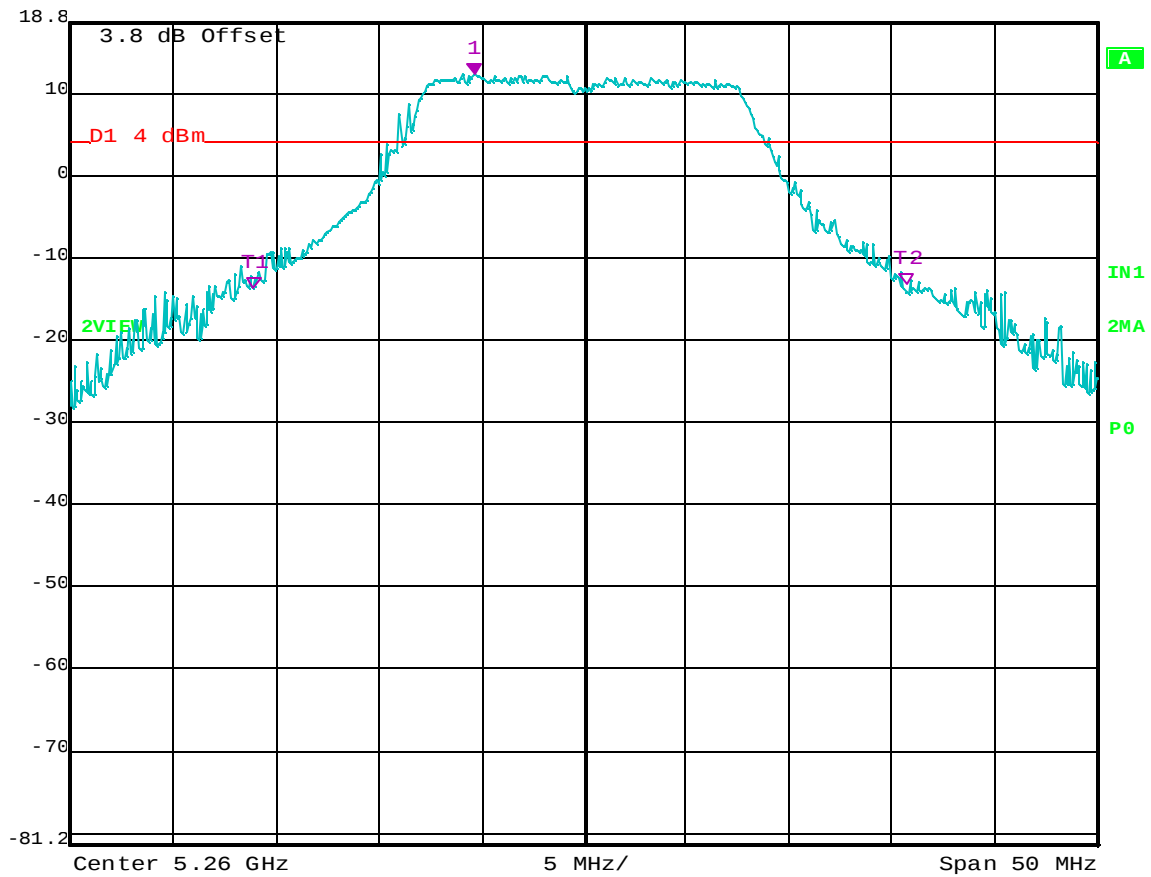


Date: 31.MAR.2004 14:48:42

Bandwidth 26 dB – Channel 48 – UNII



Ref Lvl	Marker 1 [T2 ndB]	RBW	1 MHz	RF Att	40 dB
18.8 dBm	ndB 26.00 dB	VBW	3 MHz		
	BW 31.76352705 MHz	SWT	5 ms	Unit	dBm

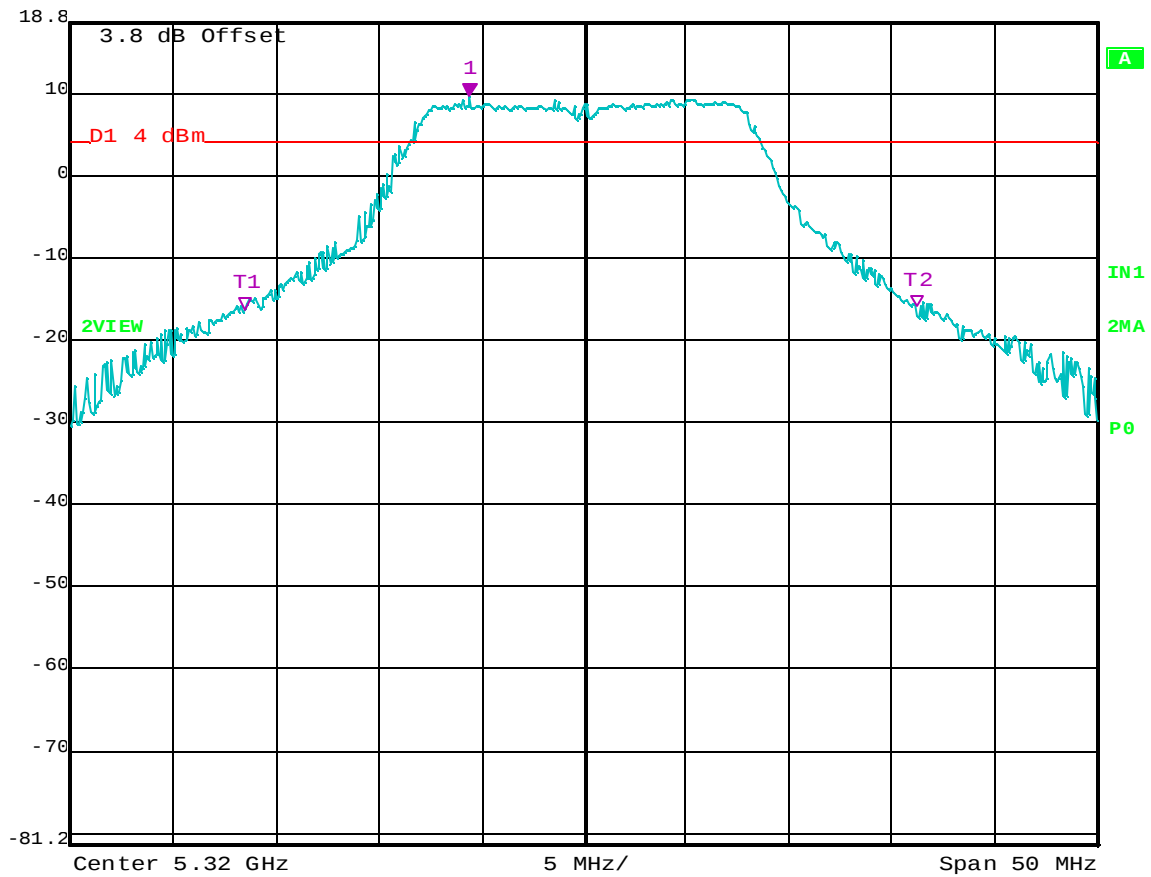


Date: 31.MAR.2004 16:36:59

Bandwidth 26 dB – Channel 52 – UNII



Ref Lvl	Marker 1 [T2 ndB]	RBW	1 MHz	RF Att	30 dB
18.8 dBm	ndB 26.00 dB	VBW	1 MHz		
	BW 32.66533066 MHz	SWT	5 ms	Unit	dBm



Date: 31.MAR.2004 17:21:23

Bandwidth 26 dB – Channel 64 – UNII

PEAK TRANSMIT POWER

DATA SHEETS

PEAK OUTPUT POWER

CMC

EmulationEngine

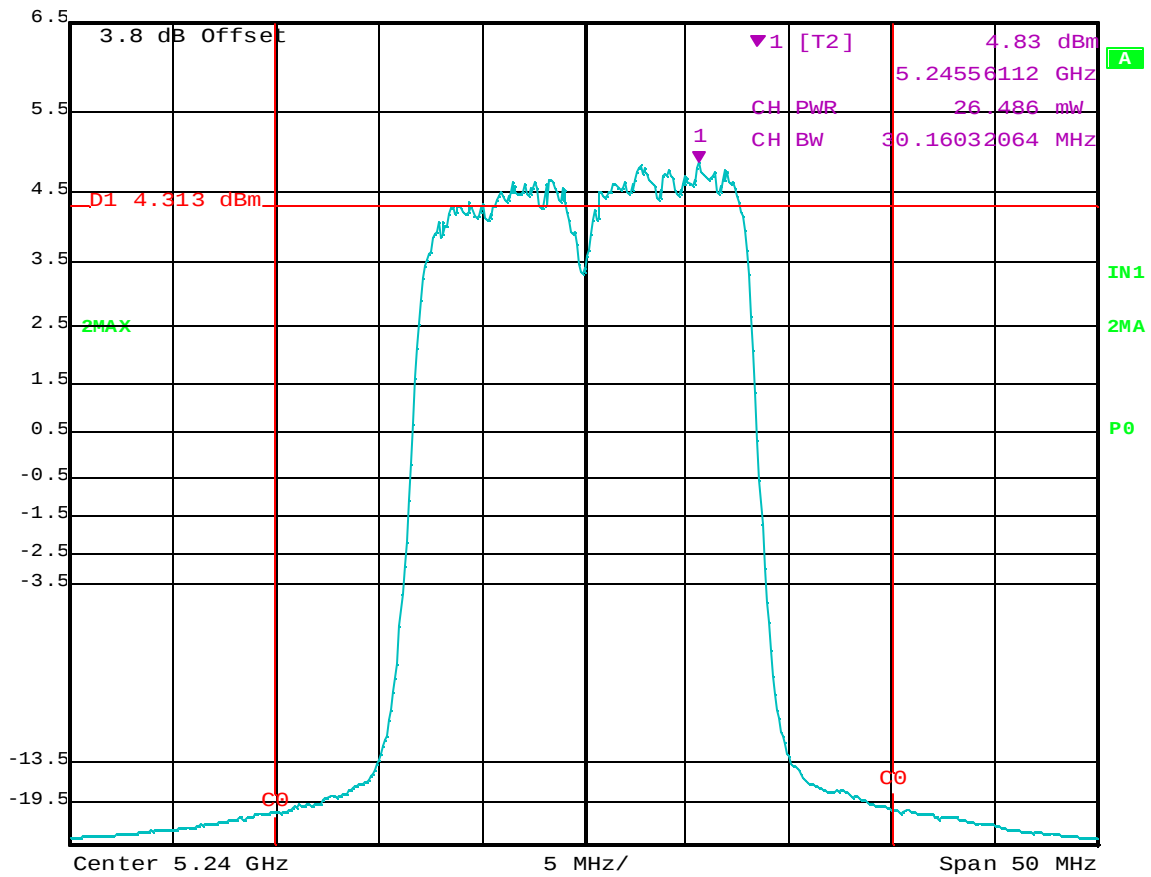
MODEL: RCX-EE11ABG3

802.11 a Mode (UNII)(Worst Case Rate = 6 Mbps)

CHANNEL	PEAK POWER OUTPUT (dBm)	Limit (dBm)	Margin (dB)
36 (5180 MHz)	11.527 dBm	17	-5.473
48 (5240 MHz)	14.217 dBm	17	-2.783
52 (5260 MHz)	13.175 dBm	24	-10.825
64 (5320 MHz)	11.414 dBm	24	-12.586



Ref Lvl 6.5 dBm
Marker 1 [T2] 4.83 dBm
5.24556112 GHz
RBW 1 MHz
VBW 30 kHz
SWT 5 ms
RF Att 30 dB
Unit dBm

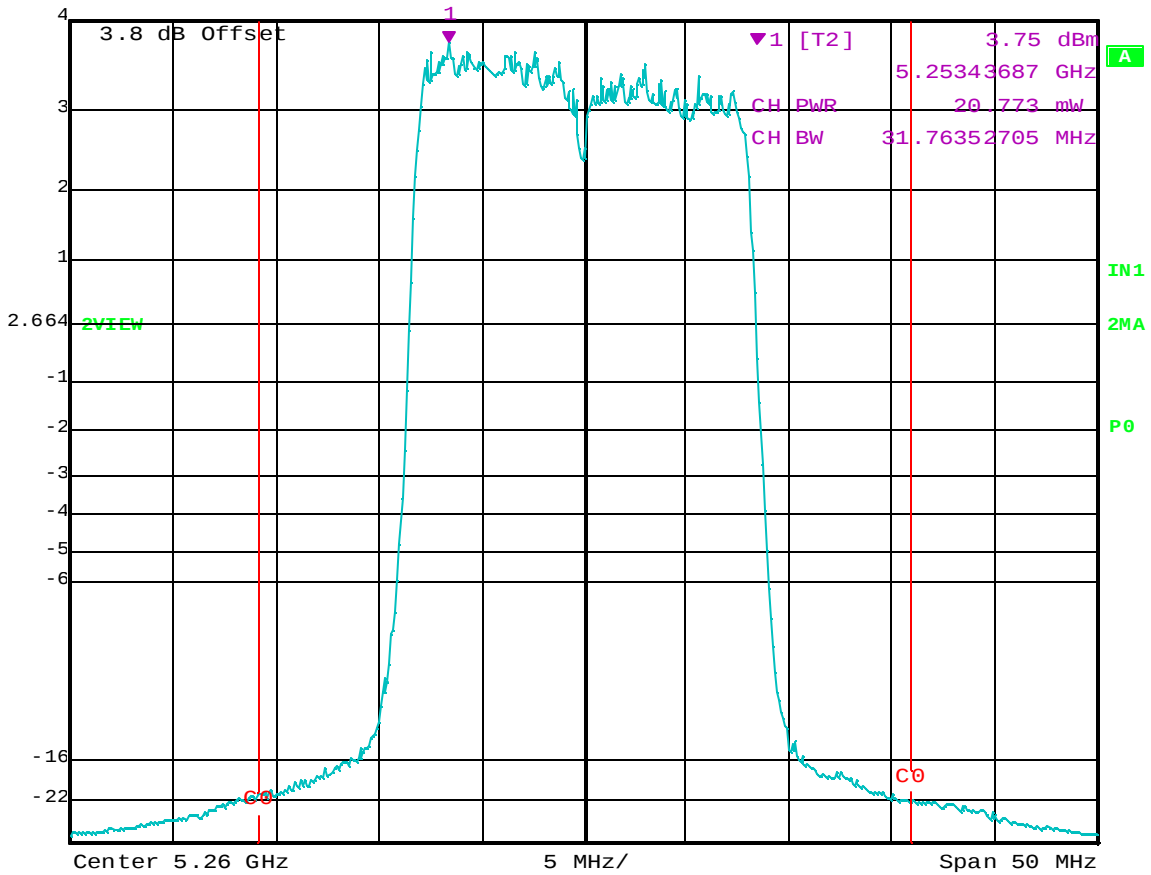


Date: 31.MAR.2004 16:15:37

Peak Transmit Power – Channel 48 – UNII



Ref Lvl 4 dBm
Marker 1 [T2] 3.75 dBm
5.25343687 GHz
RBW 1 MHz RF Att 30 dB
VBW 30 kHz
SWT 5 ms Unit dBm



Date: 31.MAR.2004 16:41:40

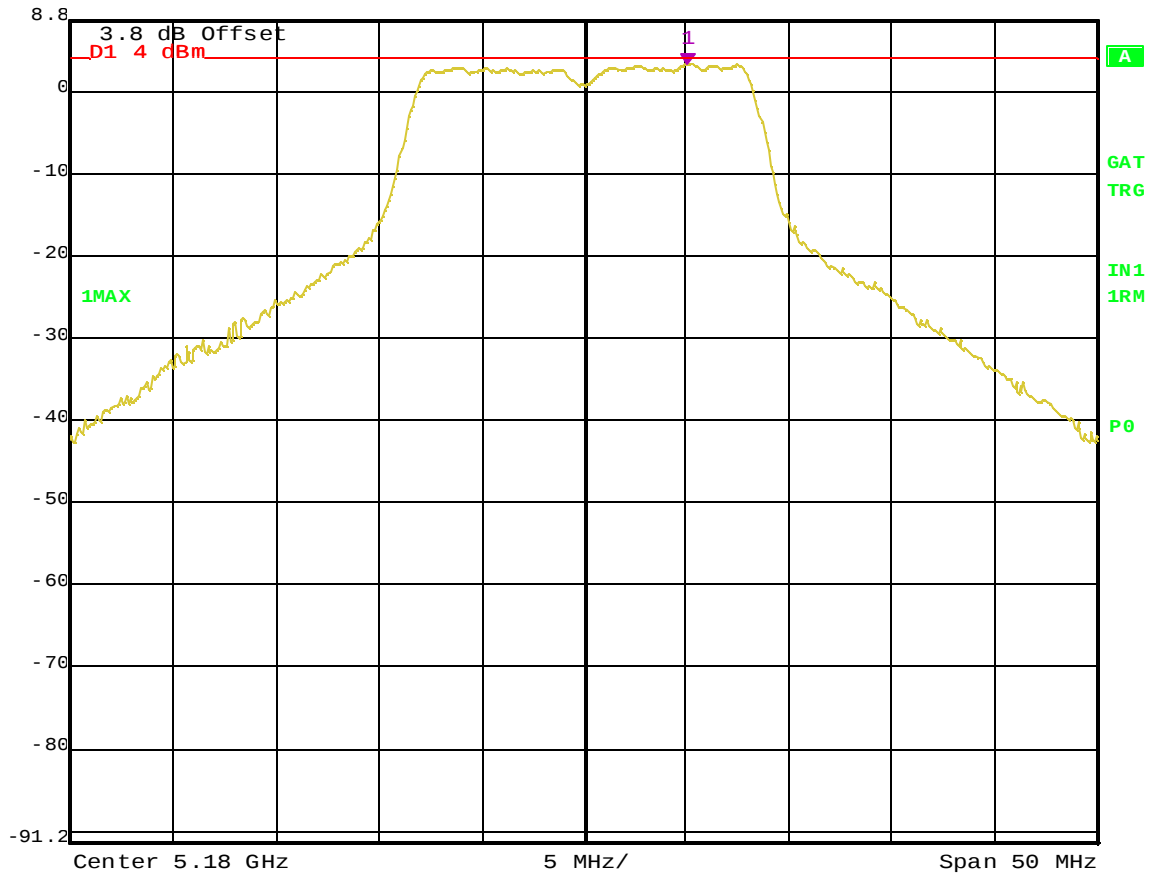
Peak Transmit Power – Channel 52– UNII

PEAK POWER SPECTRAL DENSITY

DATA SHEETS



Ref Lvl 8.8 dBm
Marker 1 [T1] 3.16 dBm
RBW 1 MHz RF Att 20 dB
VBW 10 MHz
SWT 5 ms Unit dBm

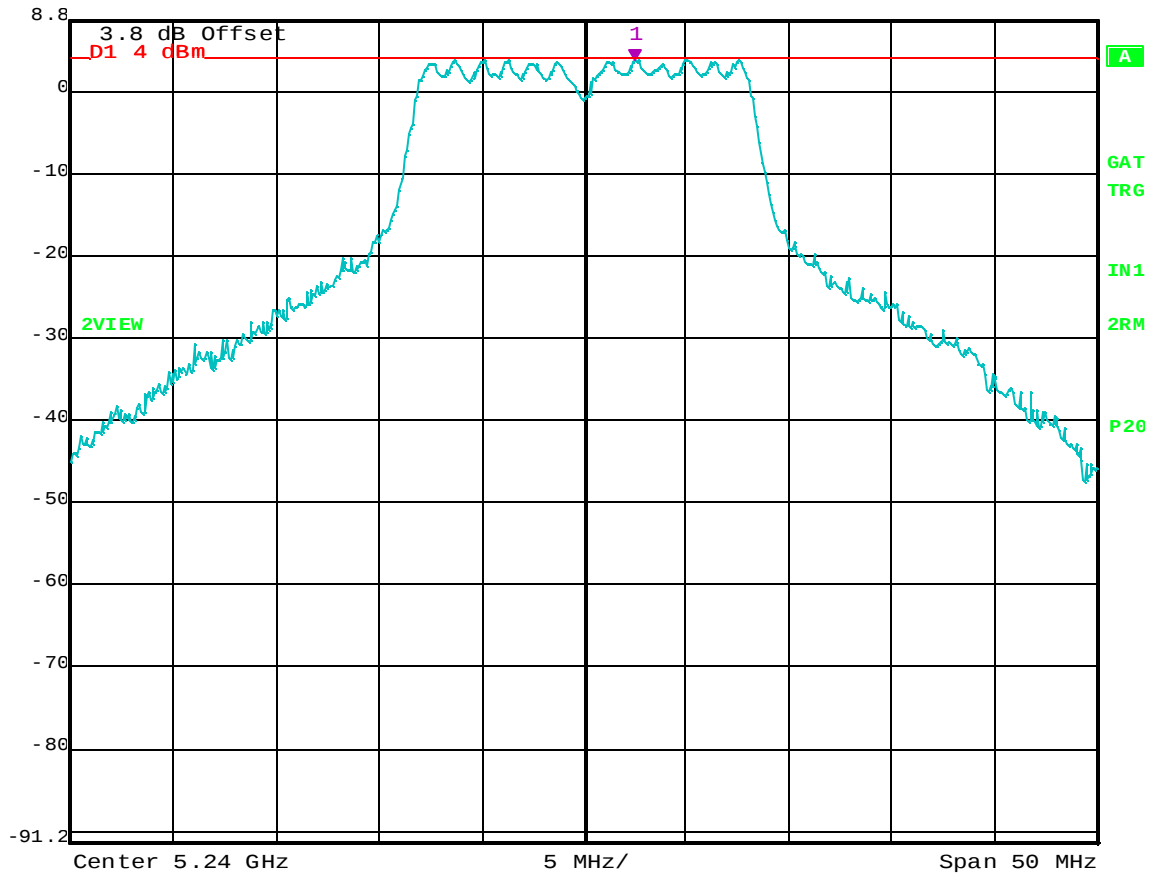


Date: 31.MAR.2004 12:34:49

Peak Power Spectral Density – Channel 36 – UNII



Ref Lvl 8.8 dBm
Marker 1 [T2] 3.80 dBm
5.24245491 GHz
RBW 1 MHz
VBW 10 MHz
RF Att 40 dB
SWT 5 ms
Unit dBm

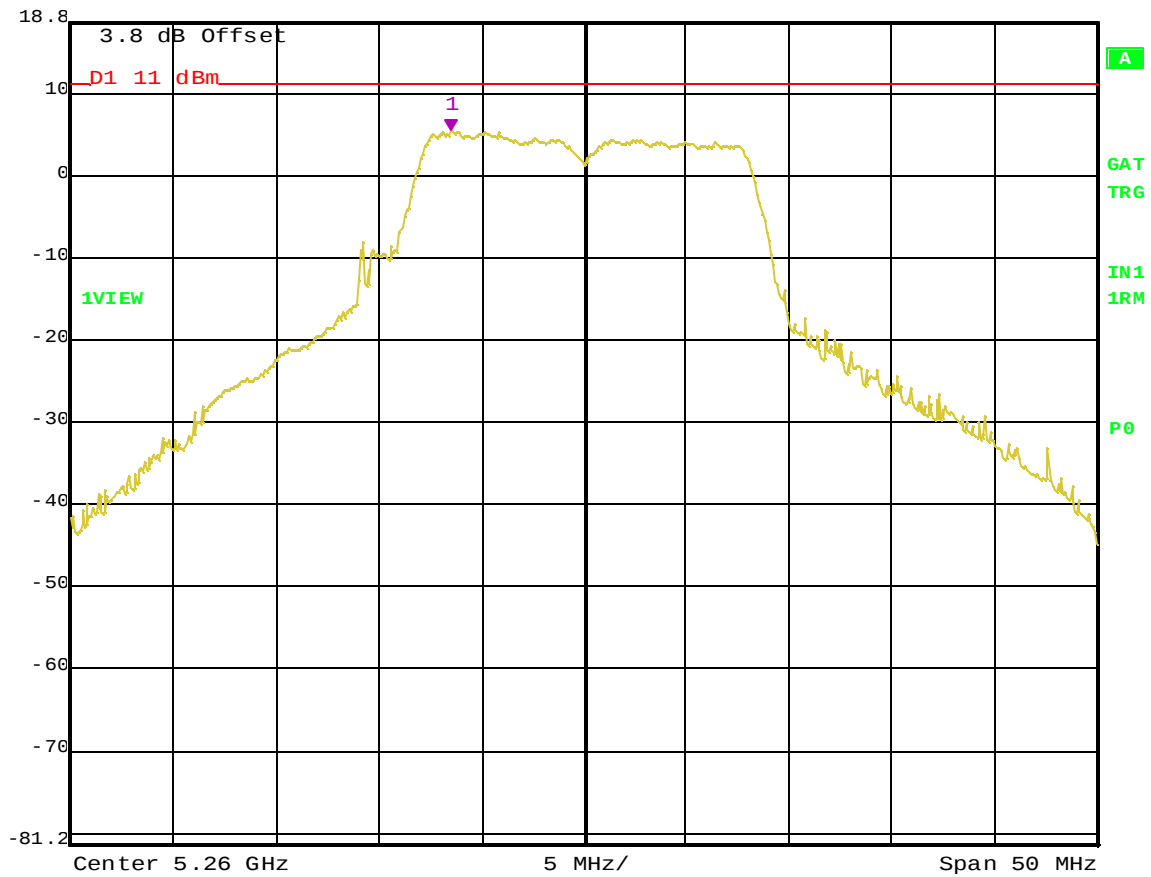


Date: 31.MAR.2004 14:43:55

Peak Power Spectral Density – Channel 48 – UNII



Ref Lvl 18.8 dBm
Marker 1 [T1] 5.34 dBm 5.25353707 GHz
RBW 1 MHz RF Att 30 dB
VBW 10 MHz
SWT 5 ms Unit dBm

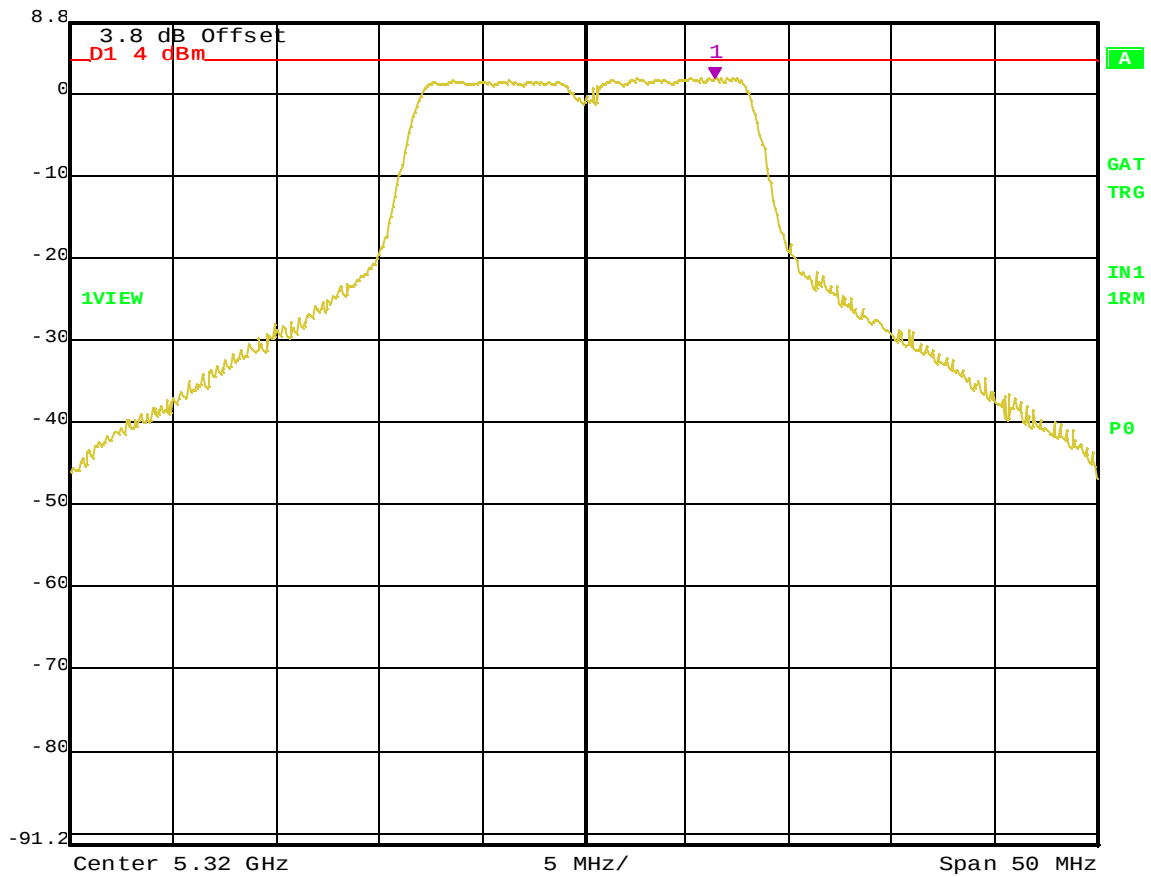


Date: 31.MAR.2004 17:01:05

Peak Power Spectral Density – Channel 52 – UNII



Ref Lvl 8.8 dBm
Marker 1 [T1] 1.73 dBm
RBW 1 MHz
VBW 10 MHz
RF Att 20 dB
SWT 5 ms
Unit dBm



Date: 31.MAR.2004 17:18:36

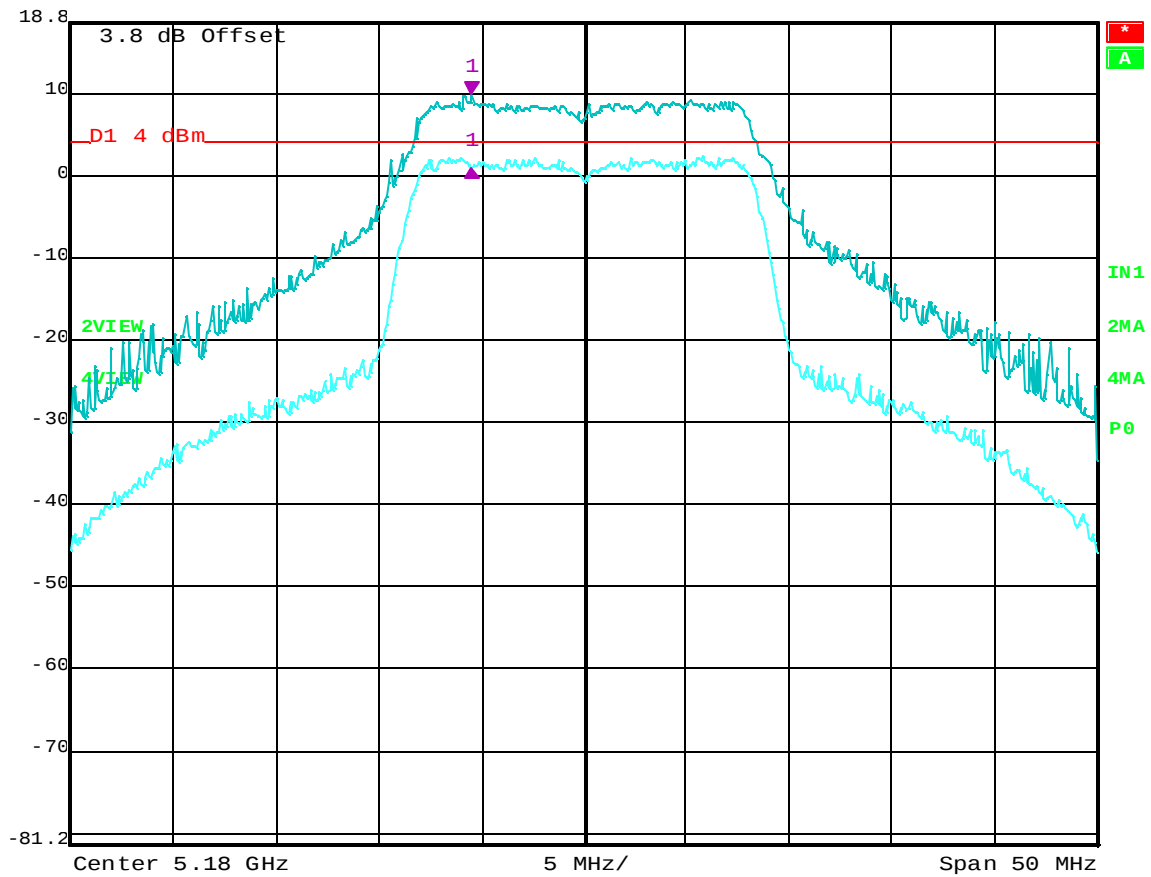
Peak Power Spectral Density – Channel 64 – UNII

PEAK EXCURSION

DATA SHEETS



Ref Lvl 18.8 dBm
Delta 1 [T4] -9.07 dB
0.00000000 Hz
RBW 1 MHz
VBW 30 kHz
SWT 5 ms
RF Att 30 dB
Unit dBm

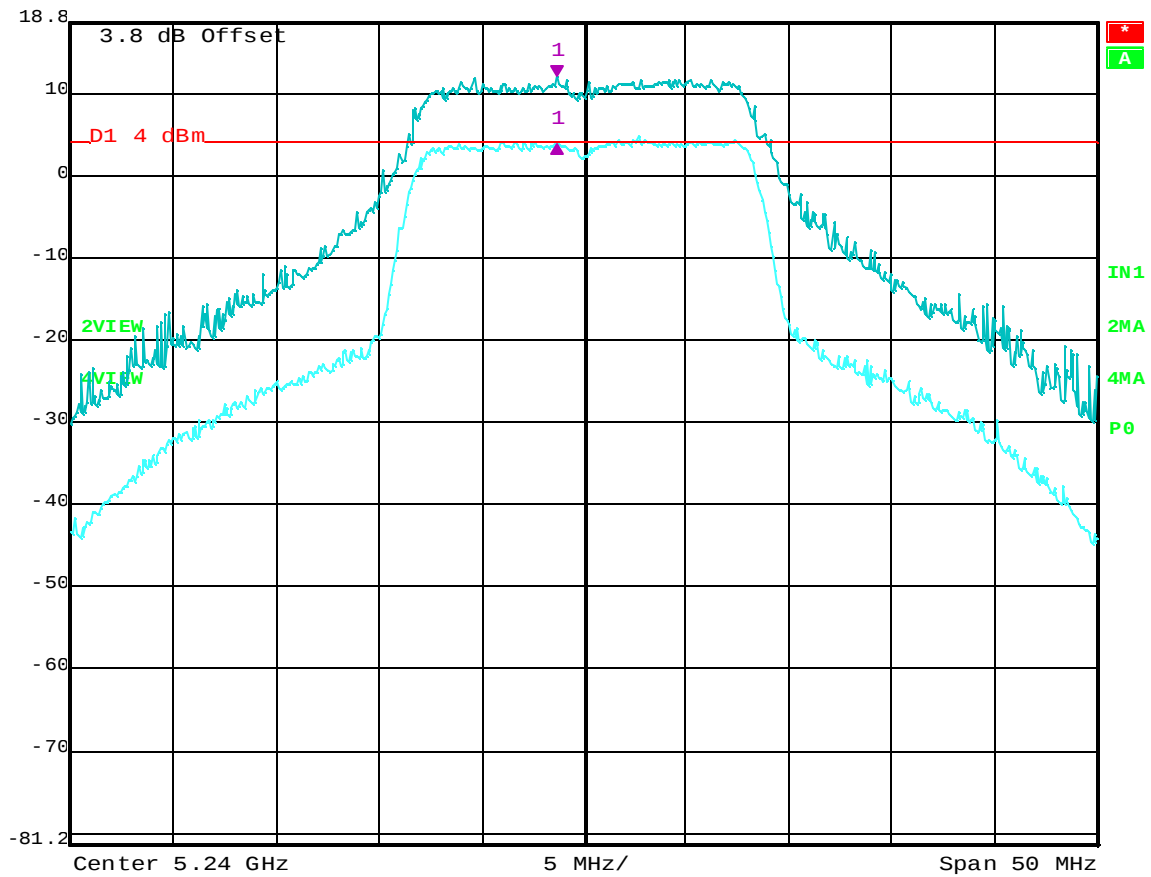


Date: 31.MAR.2004 16:53:27

Peak Excursion - Channel 36 - UNII



Ref Lvl 18.8 dBm
Delta 1 [T4] -8.25 dB
0.00000000 Hz
RBW 1 MHz RF Att 30 dB
VBW 30 kHz
SWT 5 ms Unit dBm

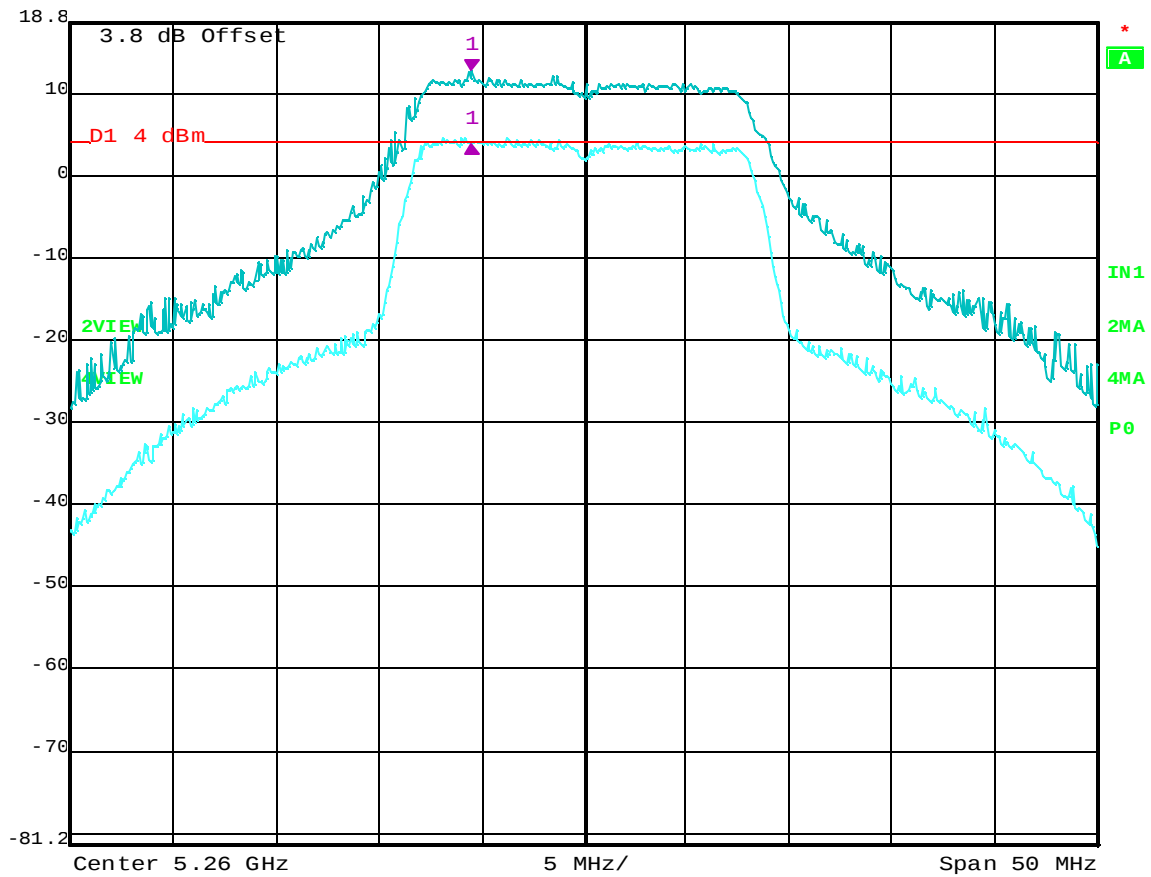


Date: 31.MAR.2004 16:19:52

Peak Excursion – Channel 48 – UNII



Ref Lvl 18.8 dBm
Delta 1 [T4] -8.86 dB
0.00000000 Hz
RBW 1 MHz
VBW 30 kHz
SWT 5 ms
RF Att 30 dB
Unit dBm

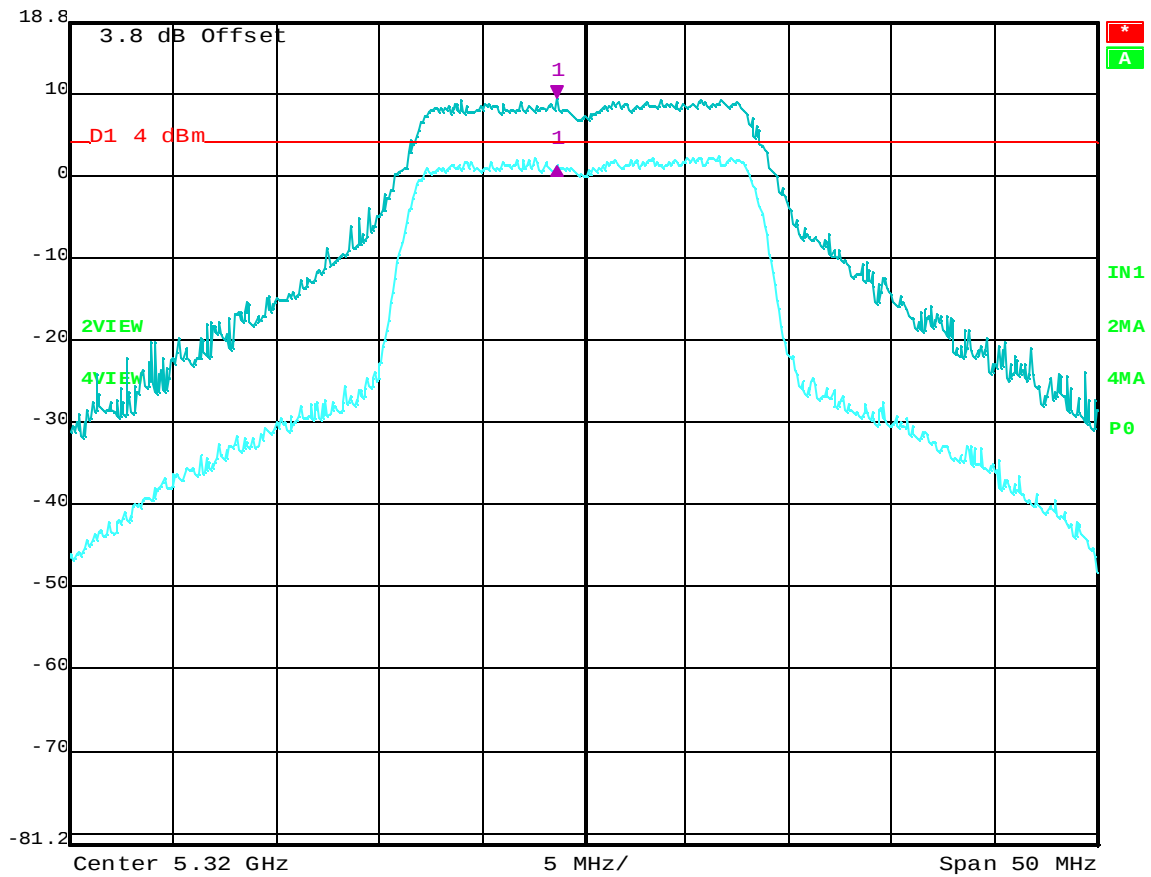


Date: 31.MAR.2004 16:46:03

Peak Excursion – Channel 52 – UNII

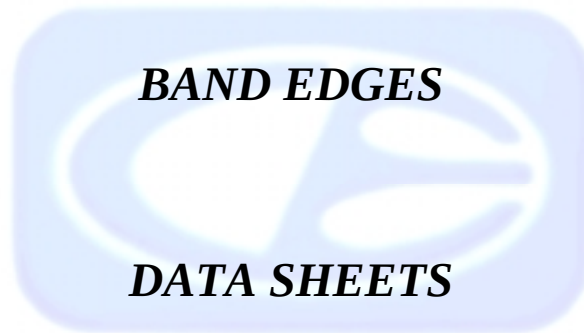


Ref Lvl 18.8 dBm
Delta 1 [T4] -8.29 dB
0.00000000 Hz
RBW 1 MHz
RF Att 30 dB
VBW 30 kHz
SWT 5 ms
Unit dBm



Date: 31.MAR.2004 17:27:15

Peak Excursion – Channel 64 – UNII



FCC 15.247

CMC

EmulationEngine

Model: RCX-EE11ABG3

Date: 3/17/04

Lab: B

Tested By: Ben Chavez

Channel 36 - UNII**Channel 48 - UNII****Channel 52 - UNII****Channel 64 - UNII****Transmit Mode**

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
5180	109.21	V	--	--	Peak	1.75	225	Fundamental of Channel 36
5180	78.77	V	--	--	Avg	1.75	225	@ 3 meters
5150	64.72	V	74	-9.28	Peak	1.75	225	
5150	34.26	V	54	-19.74	Avg	1.75	225	
5240	110.25	V	--	--	Peak	2	225	Fundamental of Channel 48
5240	83.41	V	--	--	Avg	2	225	@ 3 meters
5260	108.9	V	--	--	Peak	2	225	Fundamental of Channel 52
5260	78.66	V	--	--	Avg.	2	225	@ 3 Meters
5320	107.31	V	--	--	Peak	1.75	225	Fundamental of Channel 64
5320	79.82	V	--	--	Avg	1.75	225	@ 3 meters
5350	58.9	V	74	-15.1	Peak	1.75	225	
5350	35.4	V	54	-18.6	Avg	1.75	225	

FCC 15.247

CMC

EmulationEngine

Model: RCX-EE11ABG3

Date: 3/17/04

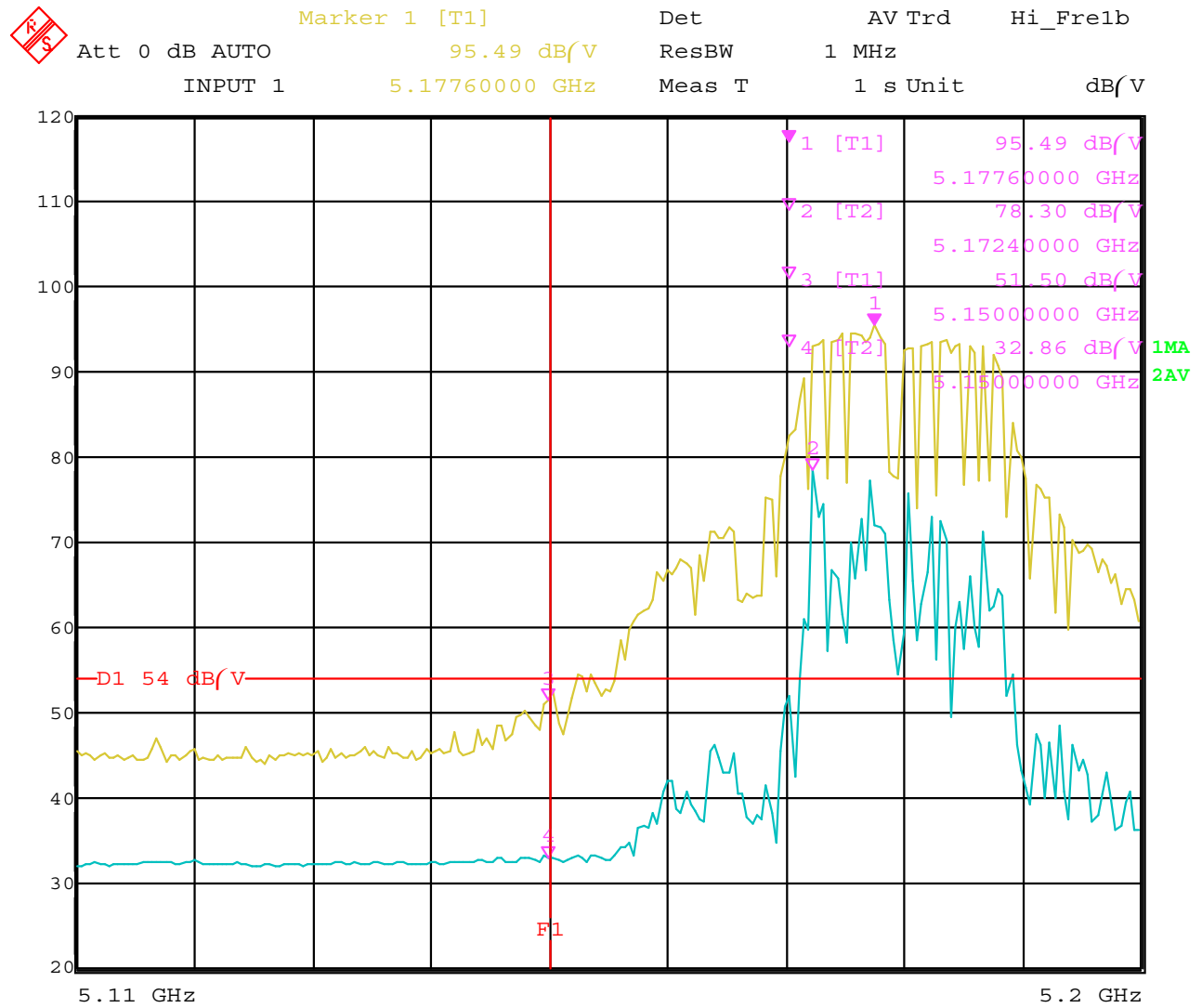
Lab: B

Tested By: Ben Chavez

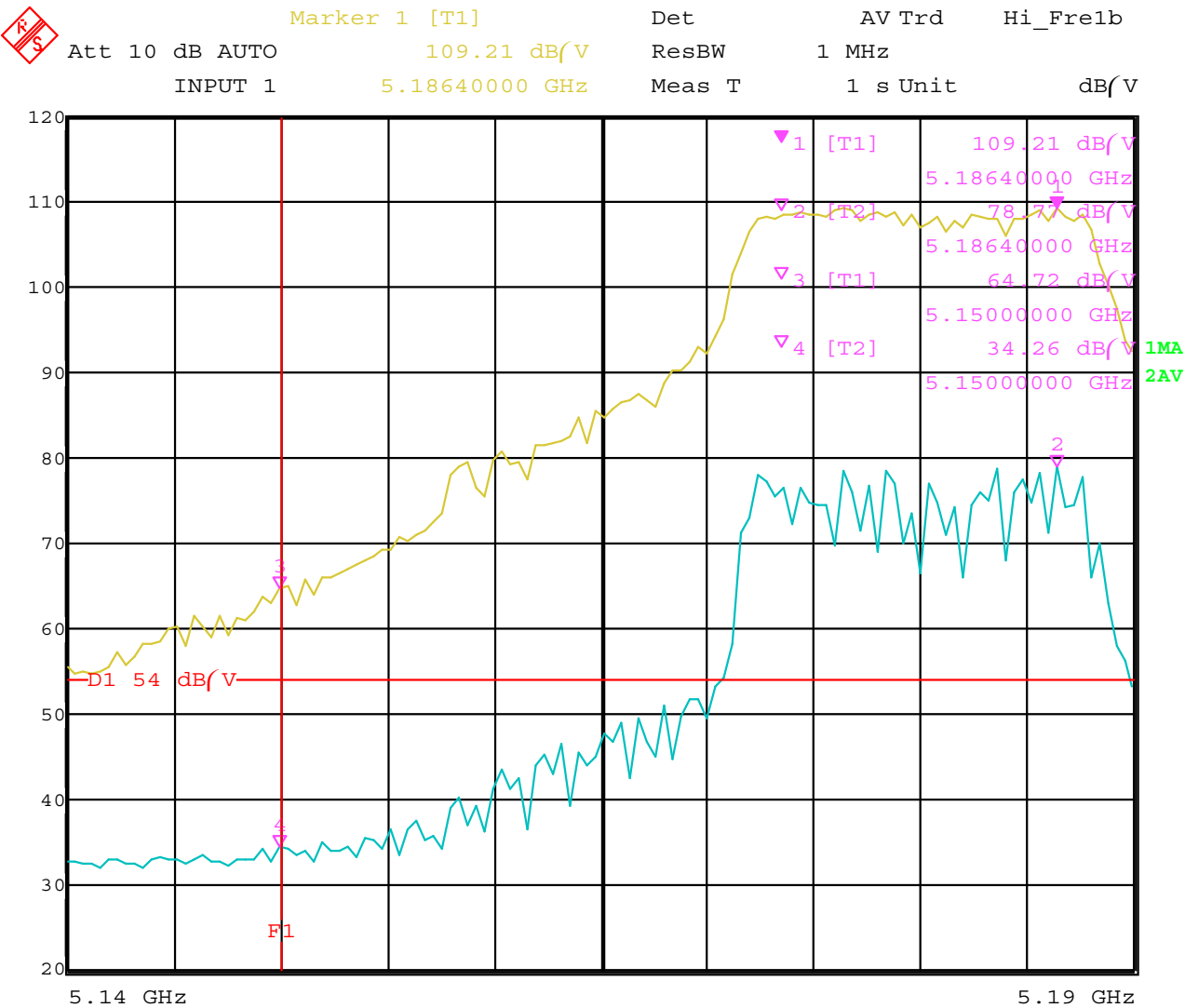
Channel 36 - UNII**Channel 48 - UNII****Channel 52 - UNII****Channel 64 - UNII****Transmit Mode**

Freq. (MHz)		Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
5180	95.49	H	--	--	Peak	1.5	180	Fundamental of Channel 36
5180	78.3	H	--	--	Avg	1.5	180	@ 3 meters
5150	51.5	H	74	-22.5	Peak	1.5	180	
5150	32.86	H	54	-21.14	Avg	1.5	180	
5240	99.75	H	--	--	Peak	1.75	135	Fundamental of Channel 48
5240	79.46	H	--	--	Avg	1.75	135	@ 3 meters
5260	102.13	H	--	--	Peak	1.75	135	Fundamental of Channel 52
5260	74.02	H	--	--	Avg.	1.75	135	@ 3 Meters
5320	96.24	H	--	--	Peak	1.75	135	Fundamental of Channel 64
5320	67.82	H	--	--	Avg	1.75	135	@ 3 meters
5350	48.49	H	74	-25.51	Peak	1.75	135	
5350	32.4	H	54	-21.6	Avg	1.75	135	

Ch. 36 - Band Edge - Horizontal Polarization – UNII-Mode Band Edge Plots

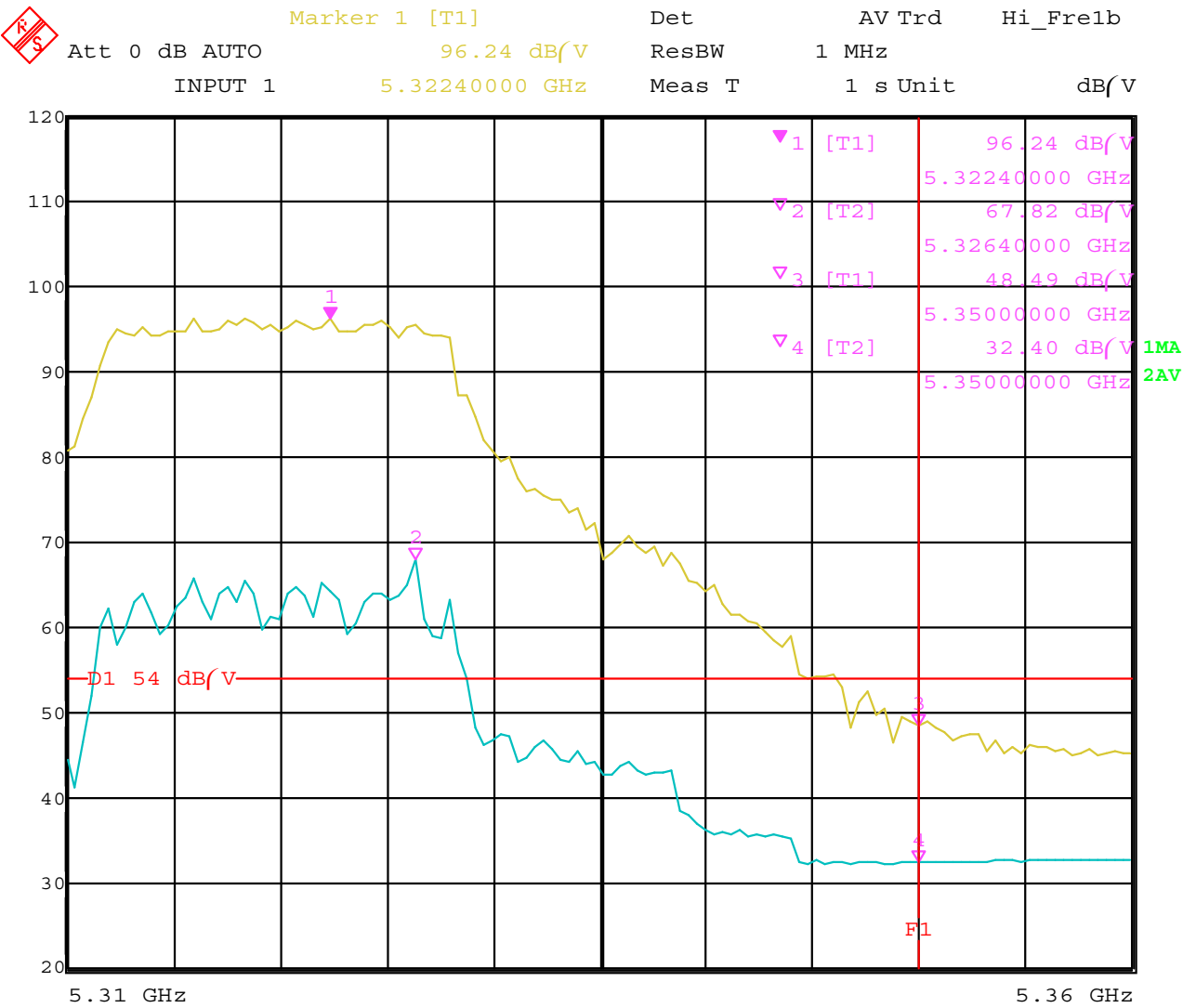


Ch. 36 - Band Edge - Vertical Polarization



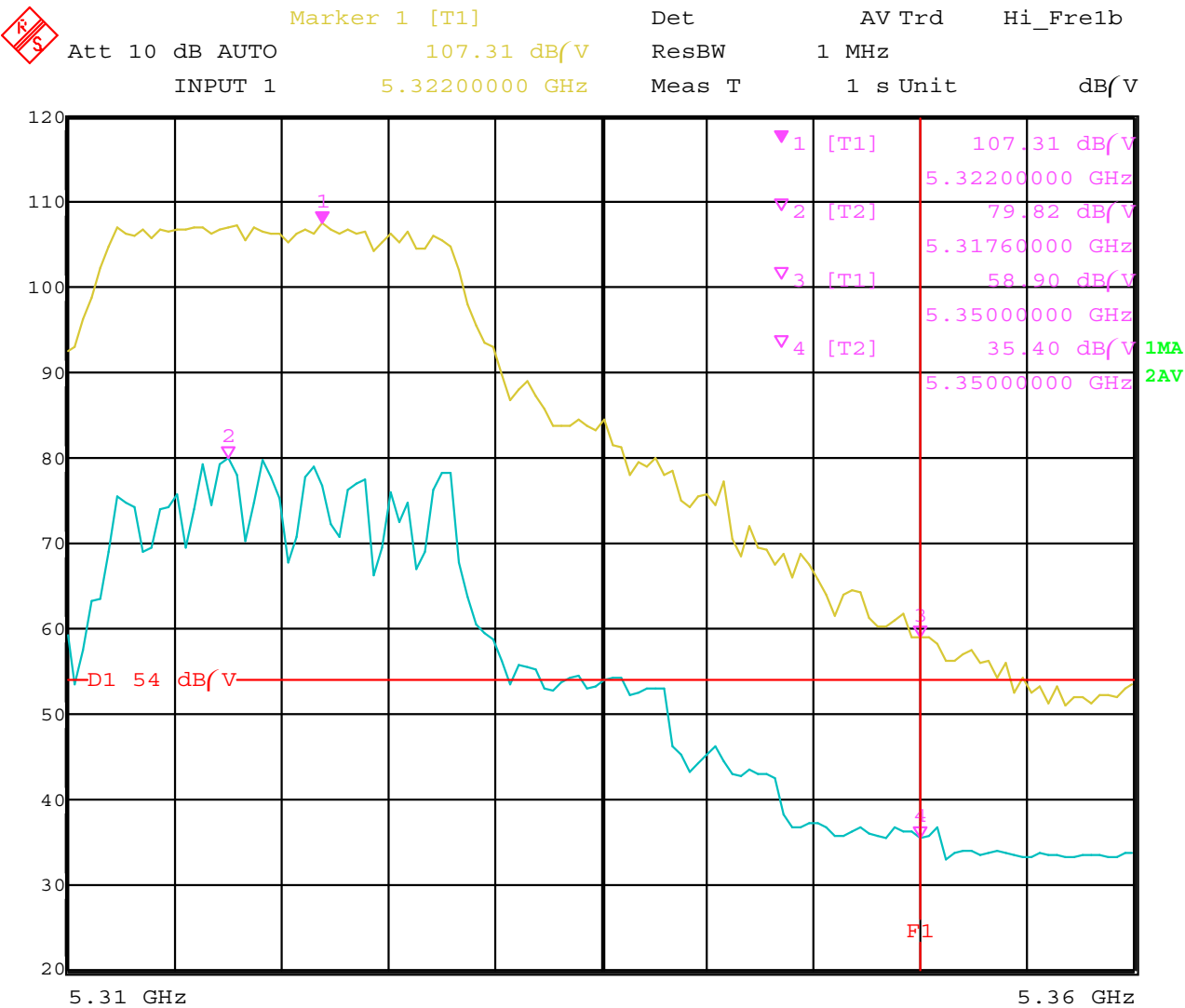
Date: 17.MAR.2004 19:30:57

Ch. 64 - Band Edge - Horizontal Polarization



Date: 17.MAR.2004 22:32:39

Ch. 64 - Band Edge - Vertical Polarization



Date: 17.MAR.2004 22:26:38