



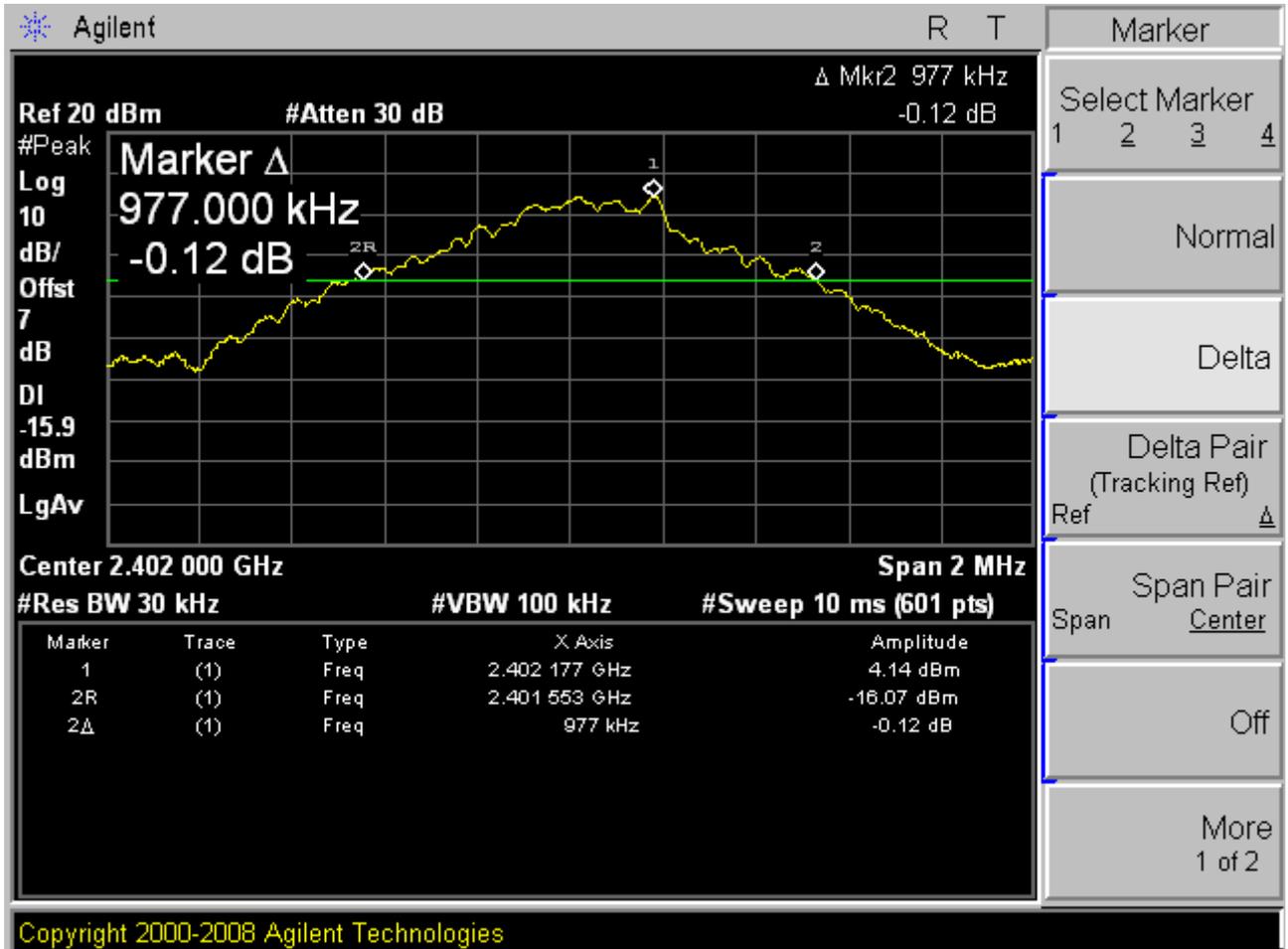
Appendix A

20dB bandwidth measurement

According to FCC Part 15.247 (a) (1)

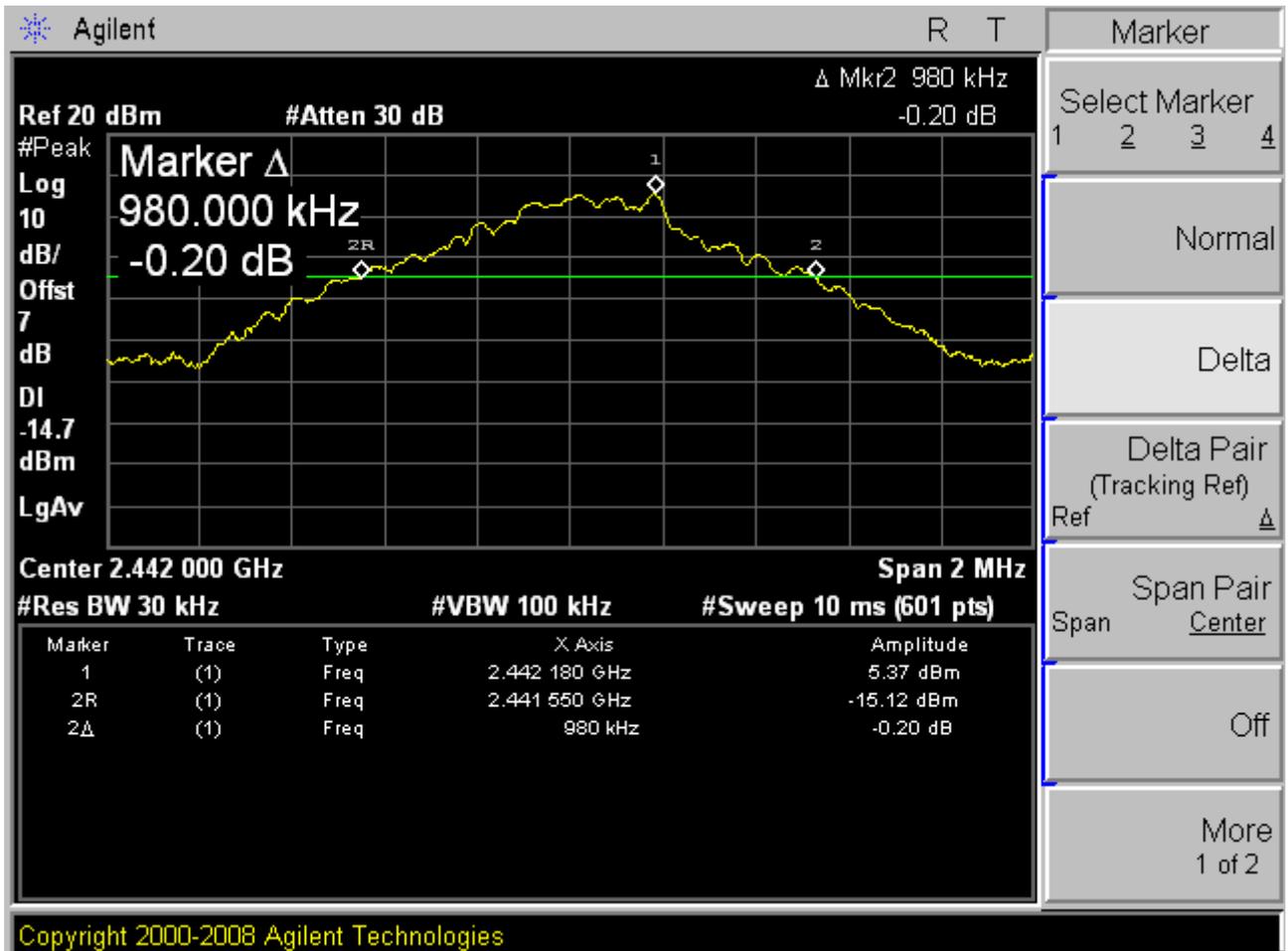


Channel 0 (2402MHz)



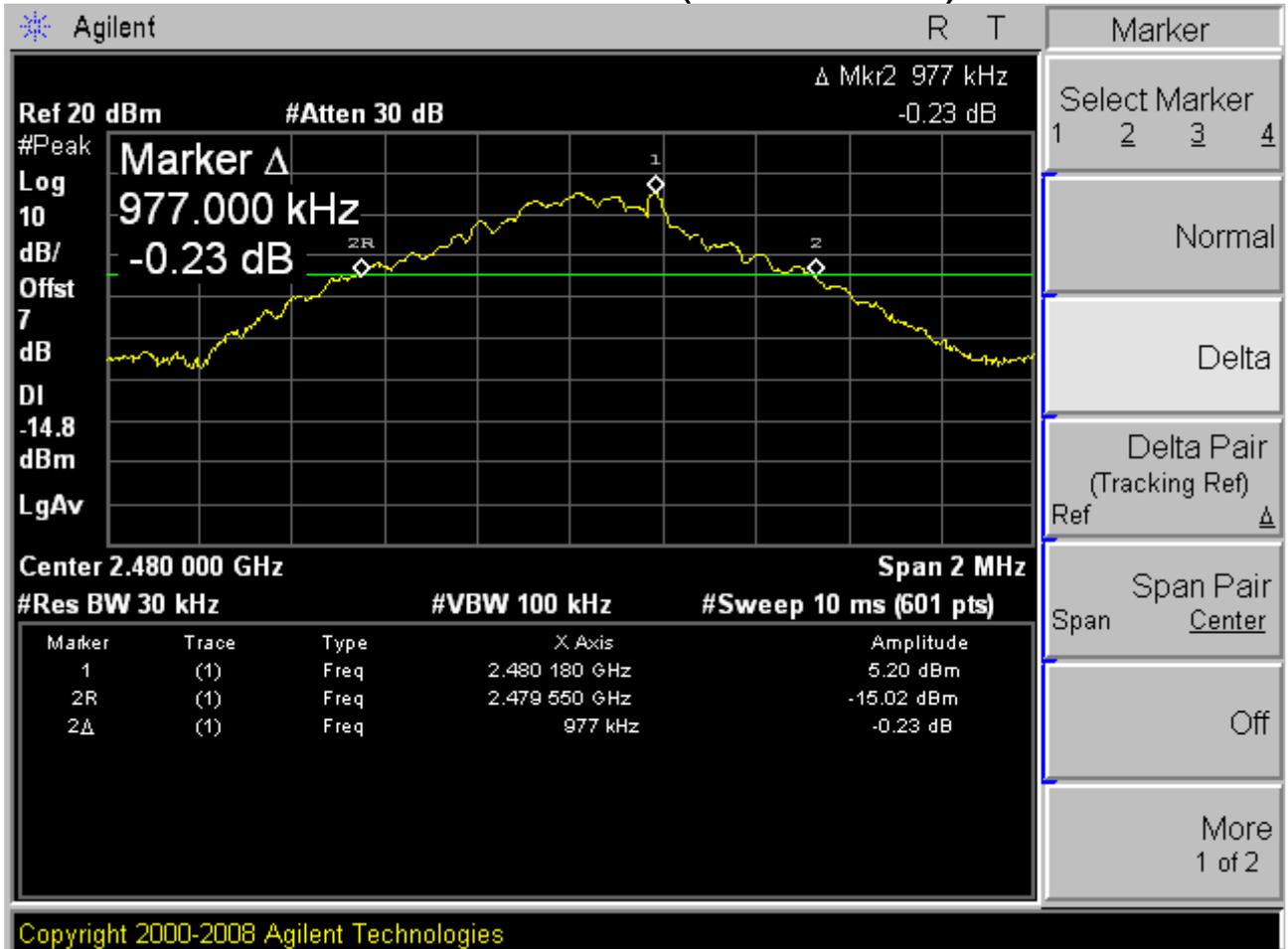


Channel 40 (2442MHz)





Channel 78 (2480MHz)





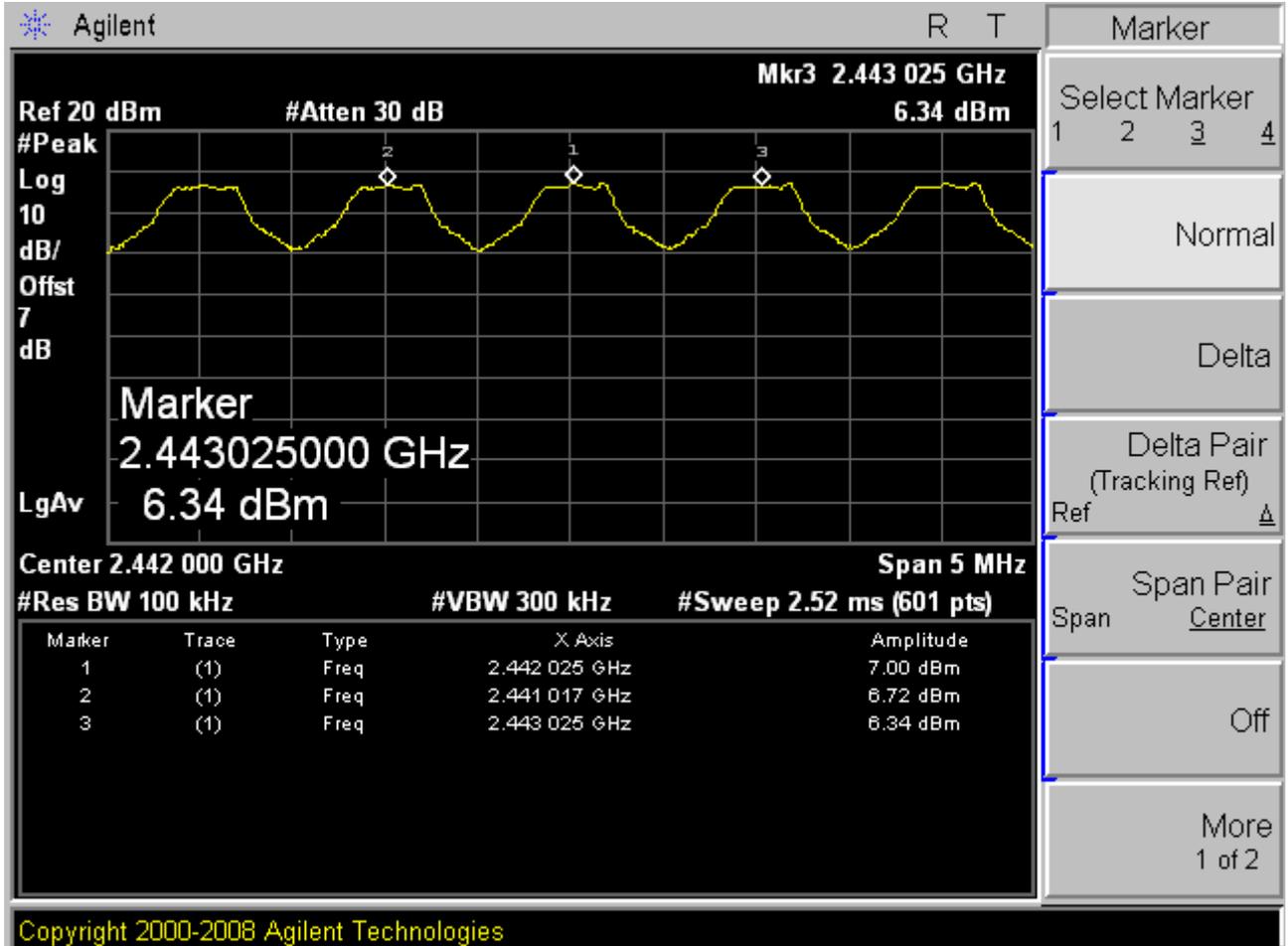
Appendix B

Carrier frequency separation measurement

According to FCC Part 15.247 (a) (1)



Centred at Channel 40





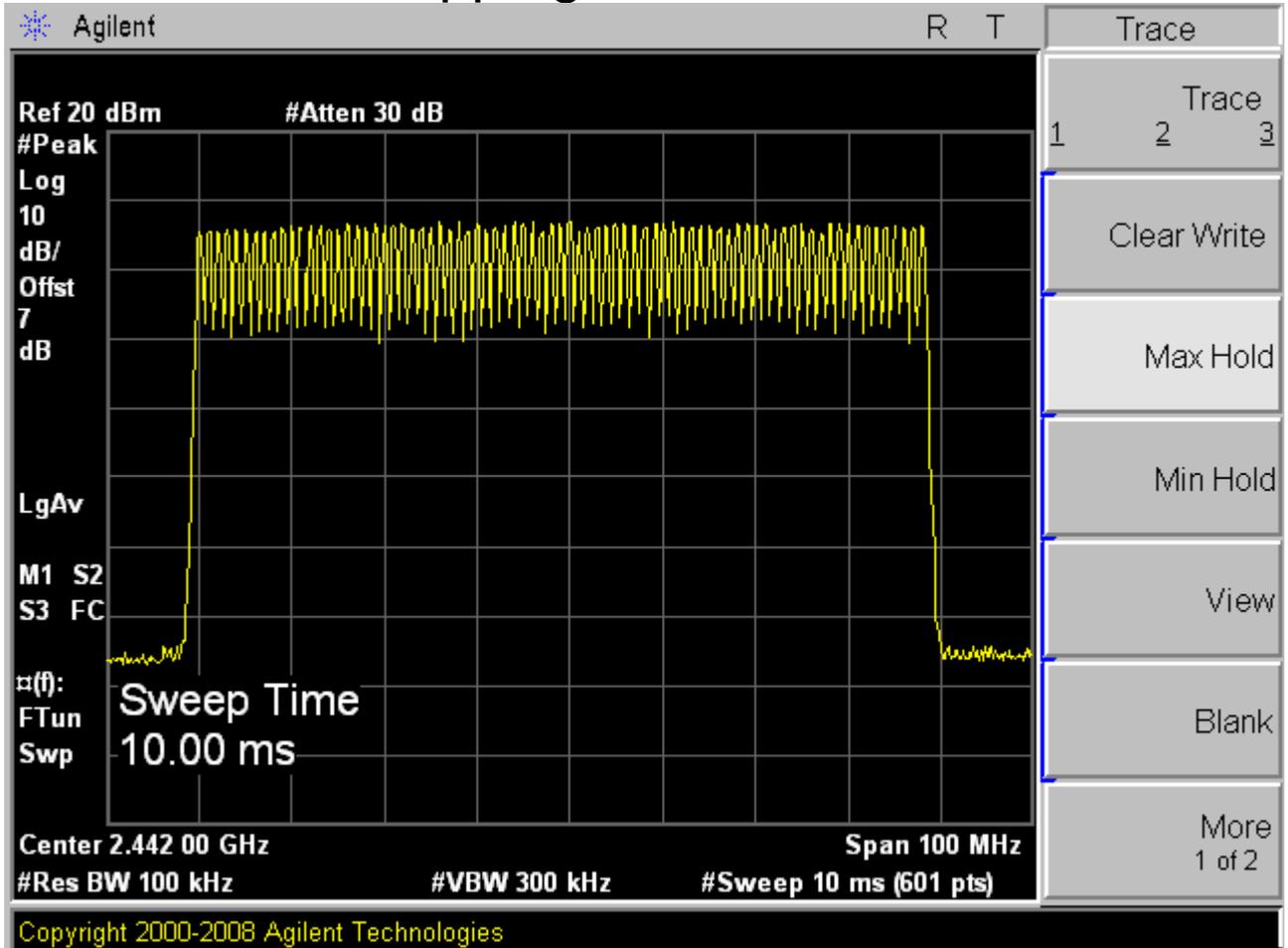
Appendix C

Number of hopping channel

According to FCC Part 15.247 (a) (1) iii



Total hopping channels = 79





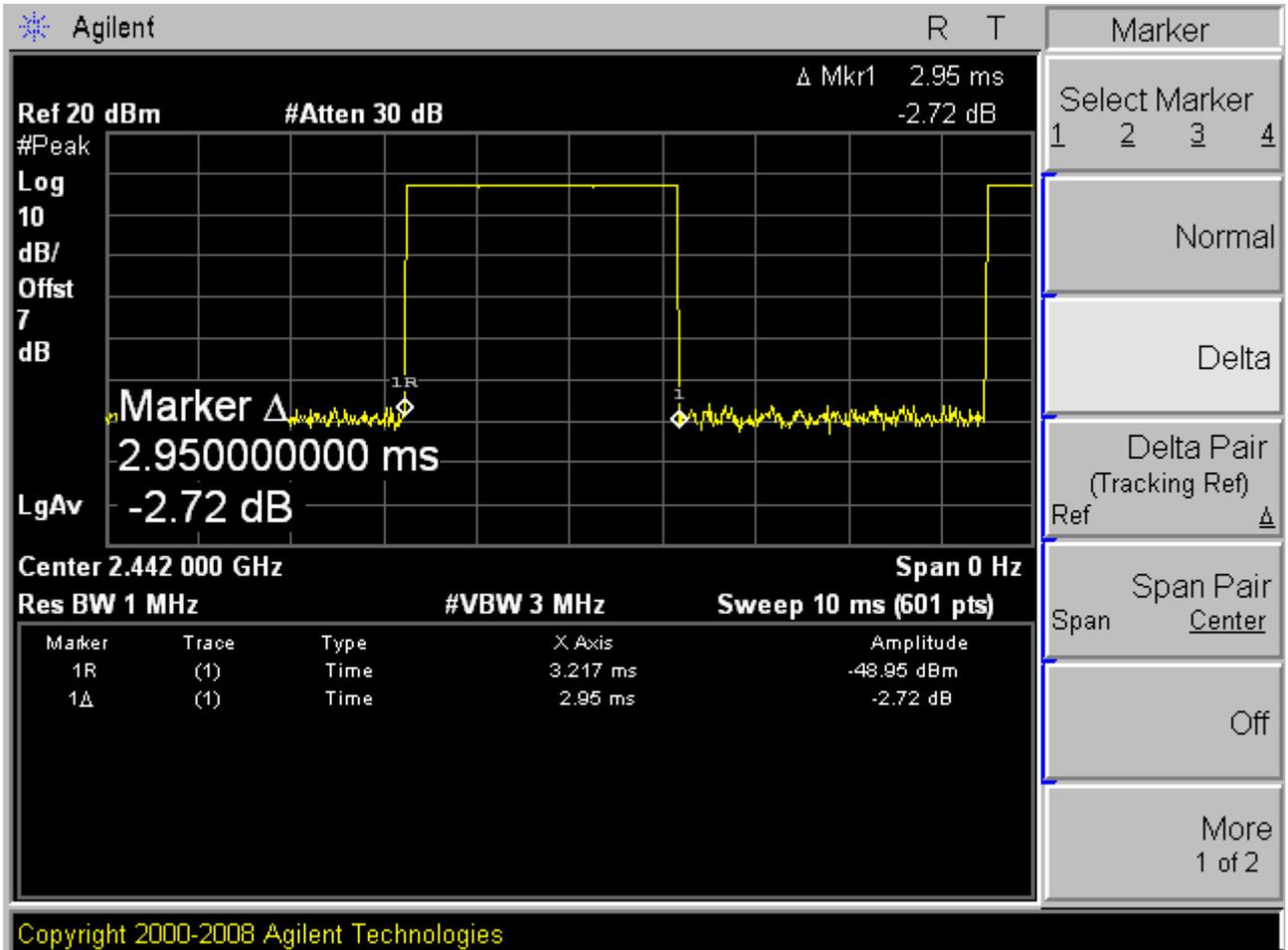
Appendix D

Time of occupancy

According to FCC Part 15.247 (a) (1) iii

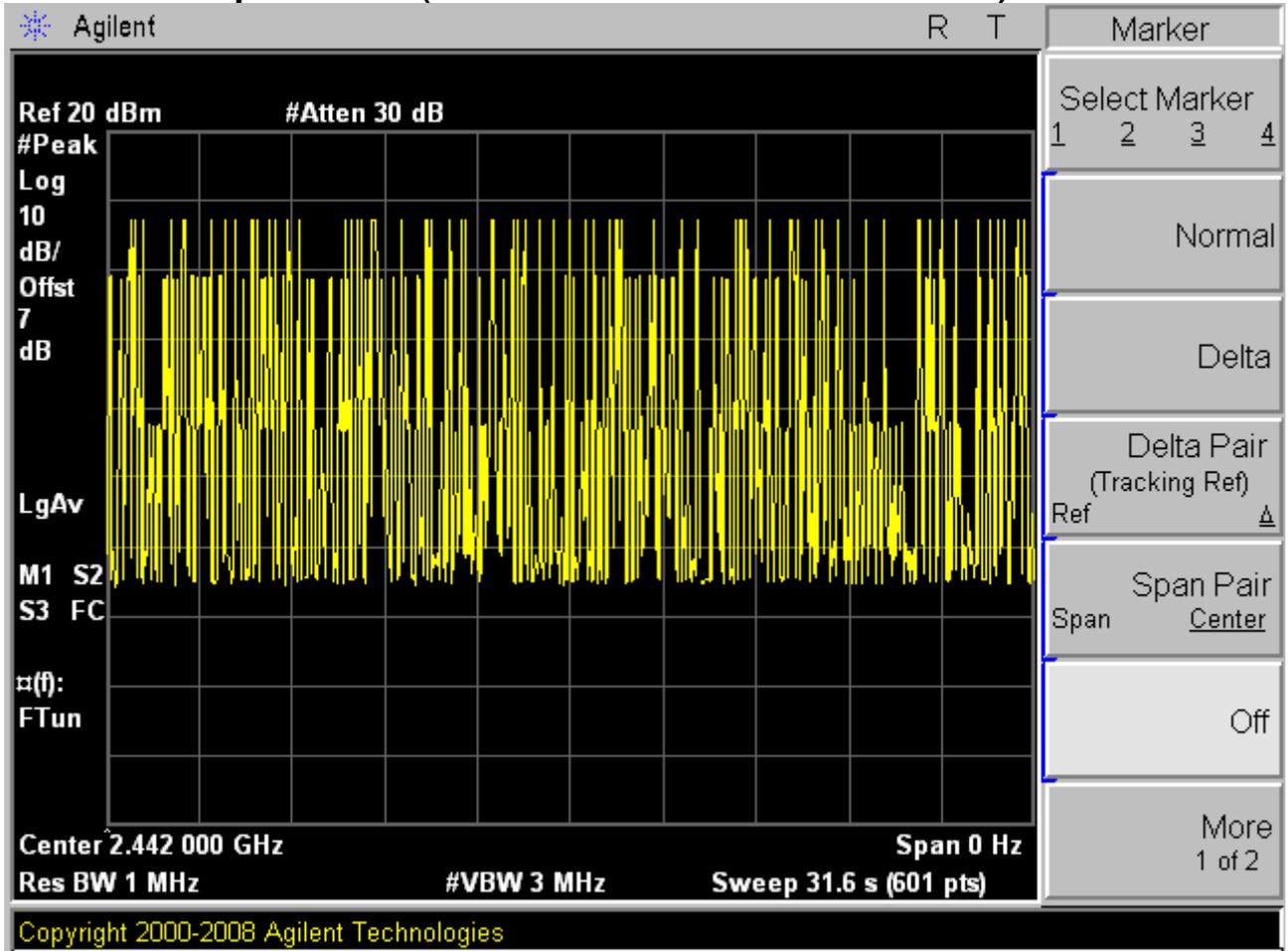


A burst (One time slot)





A period (Less than 106.7 burst)





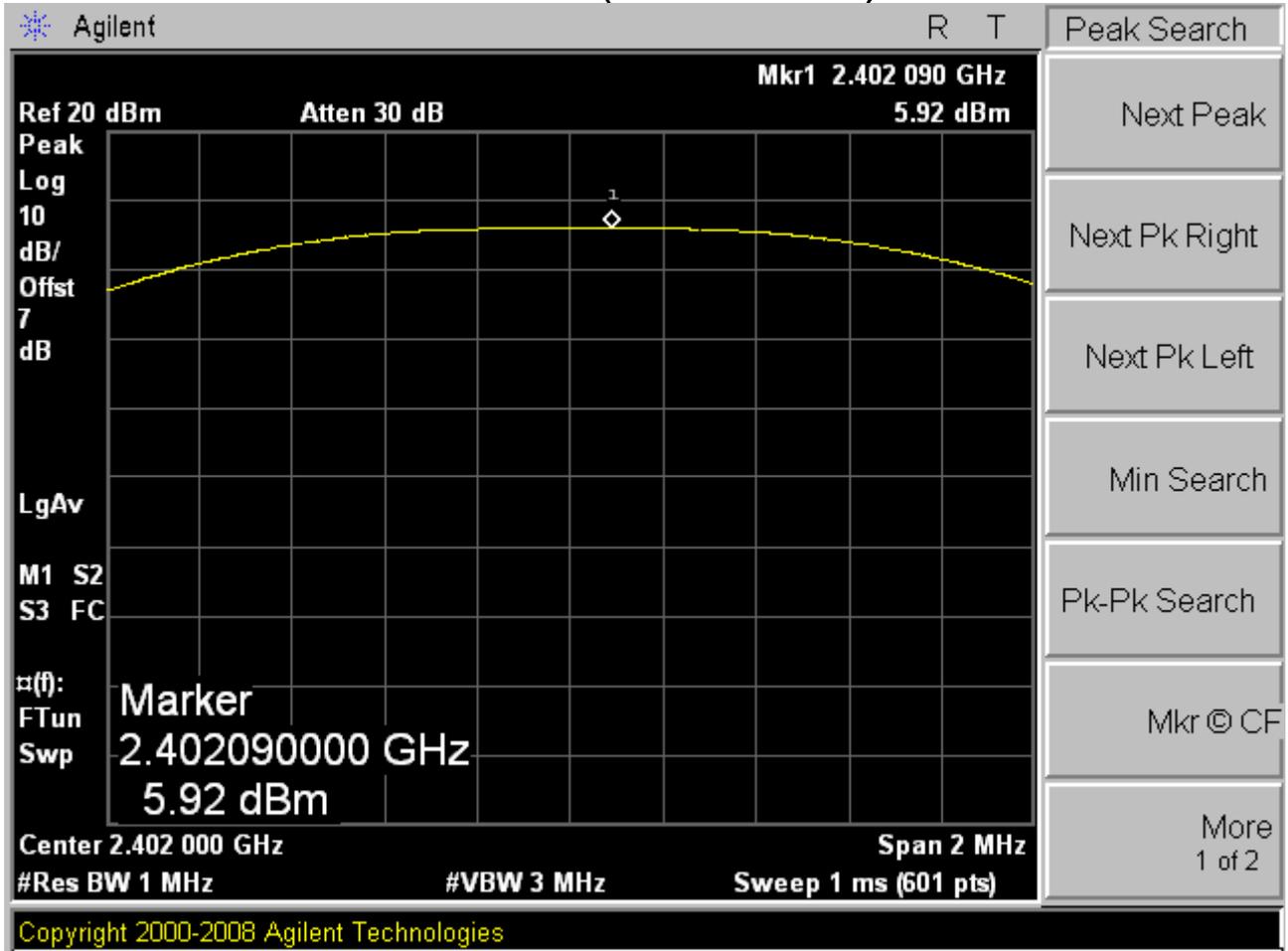
Appendix E

Peak output power

According to FCC Part 15.247 (b) (1)

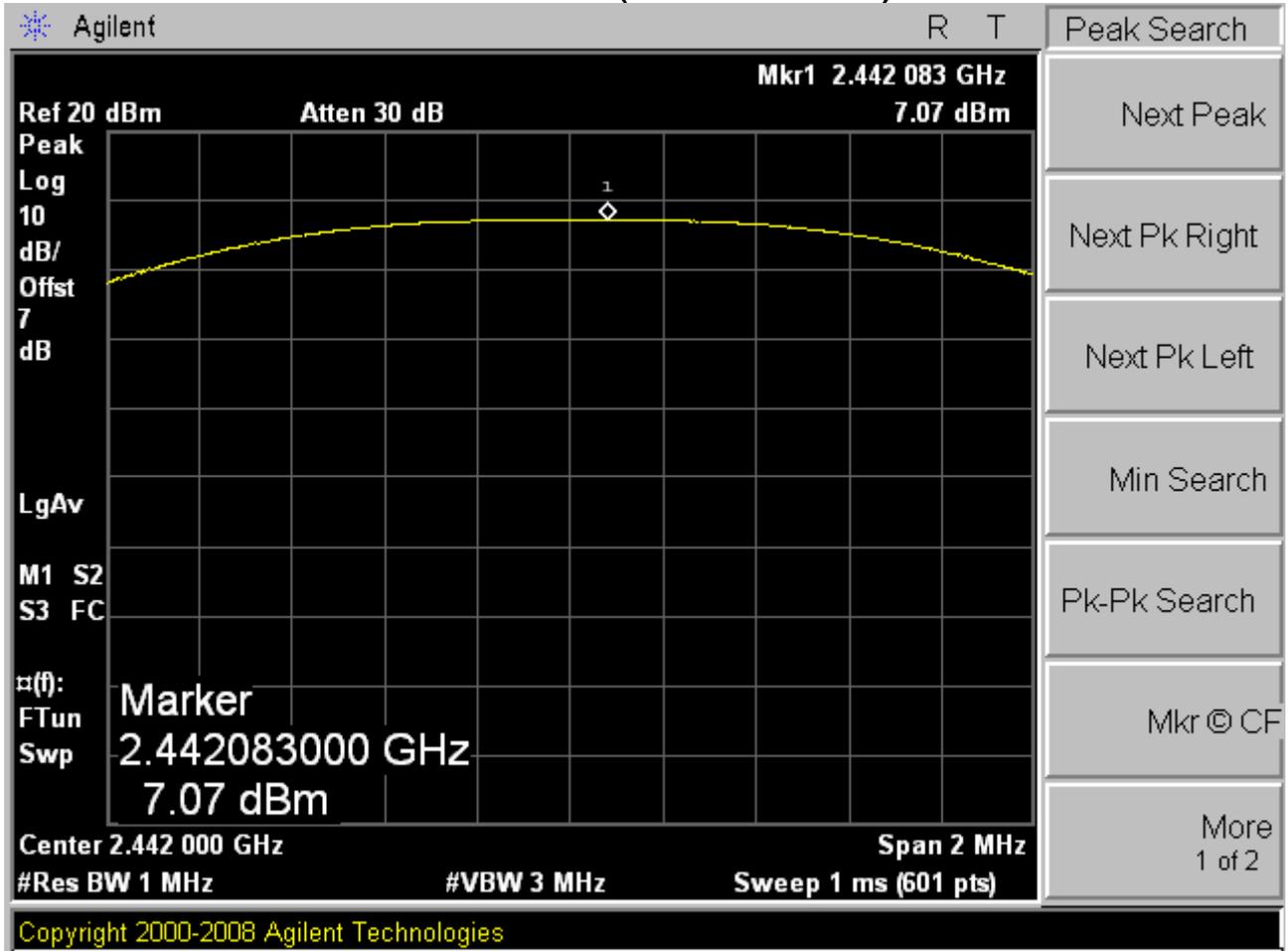


Channel 0 (2402MHz)



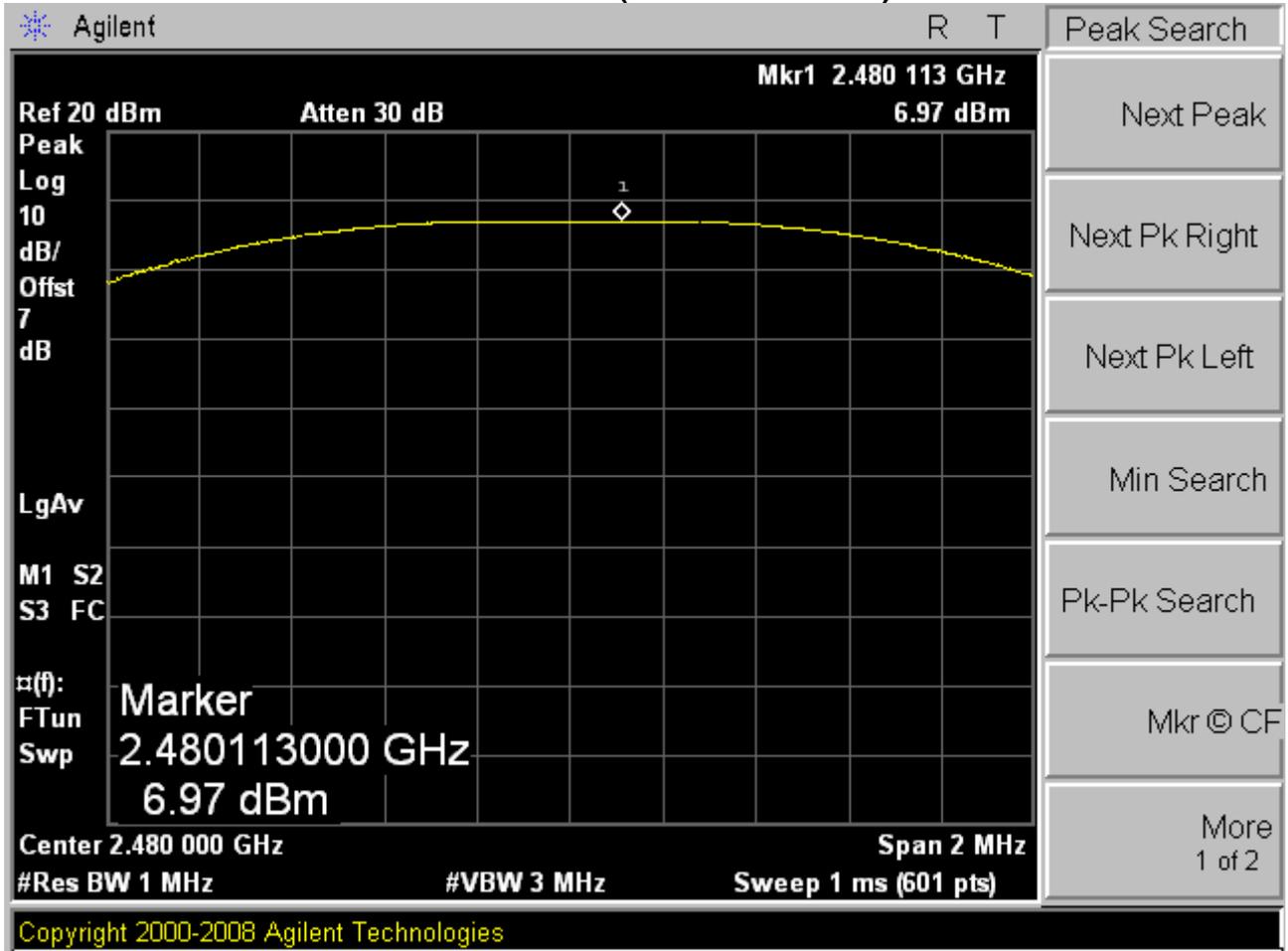


Channel 40 (2442MHz)





Channel 78 (2480MHz)





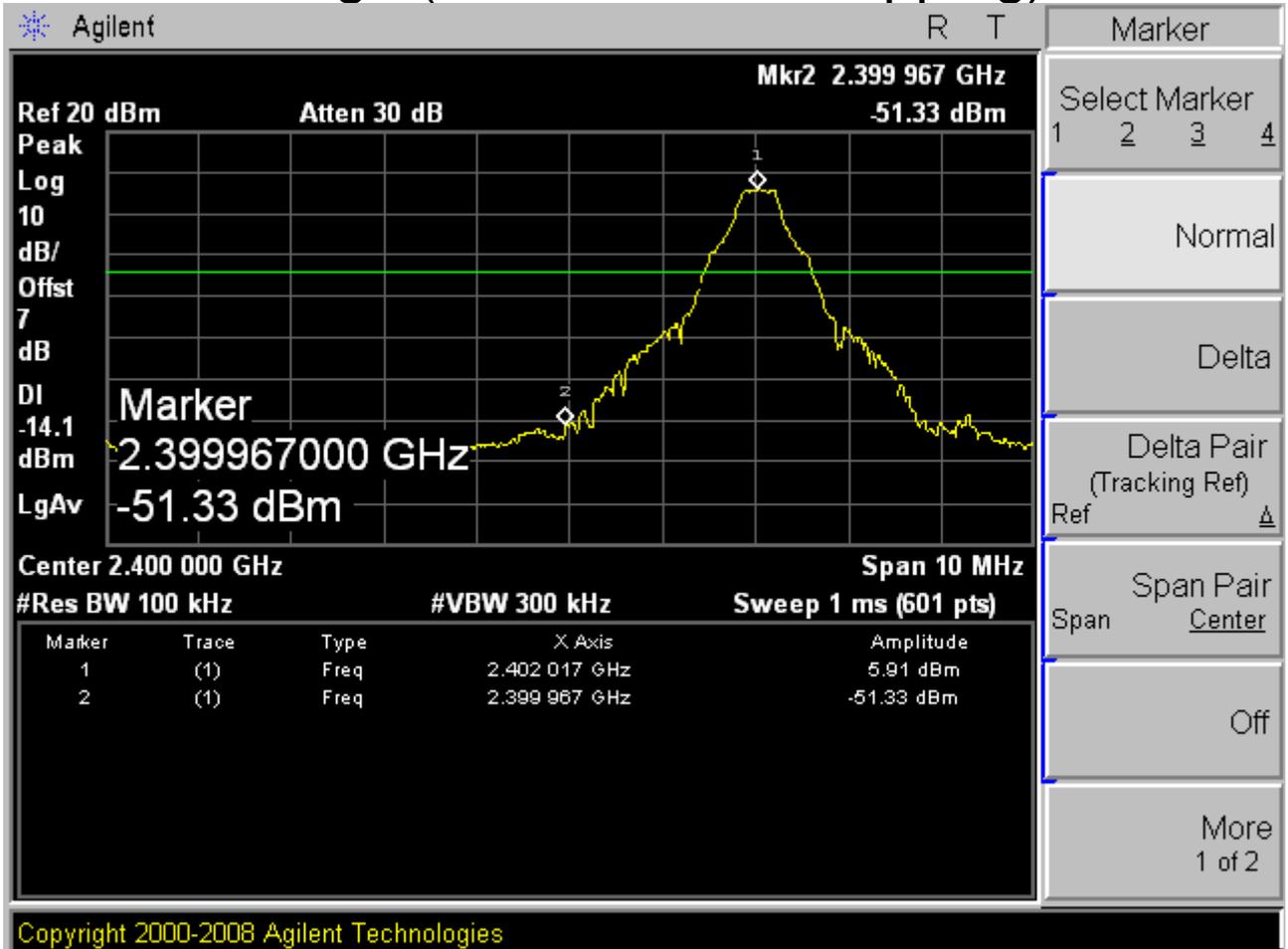
Appendix F

Band edge spurious emission

According to FCC Part 15.247 (d)

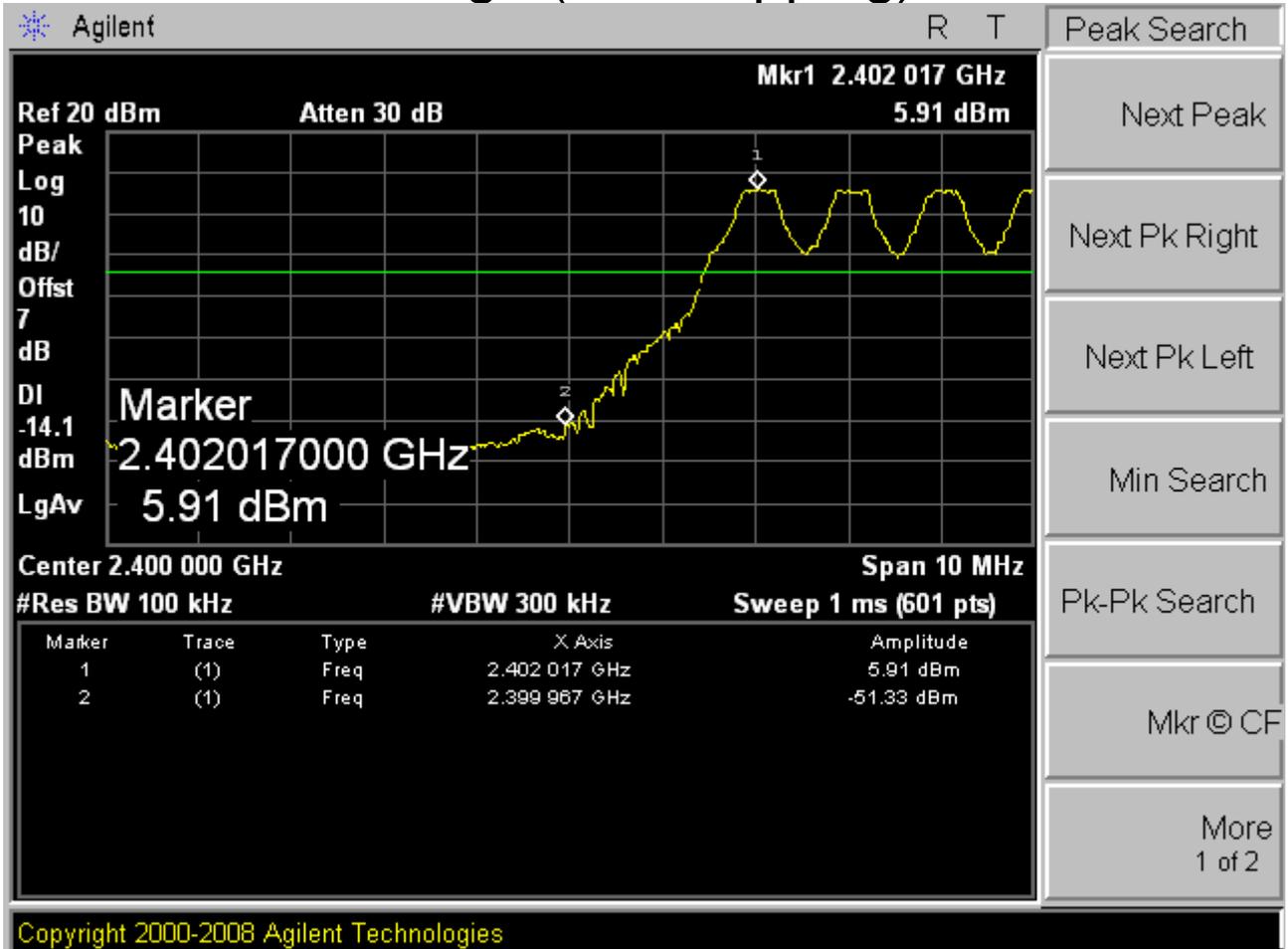


Low edge (Channel 0, no hopping)



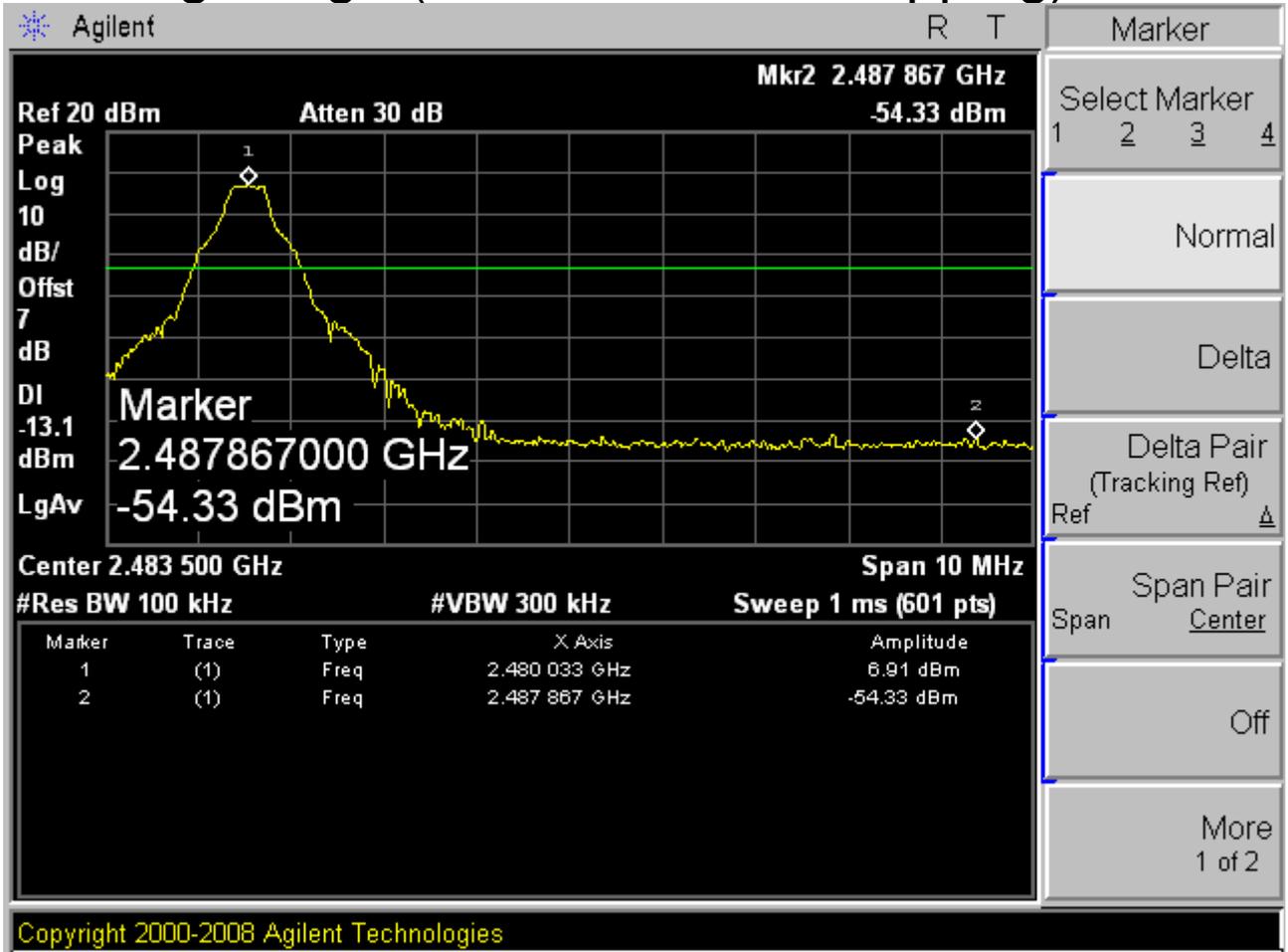


Low edge (with hopping)



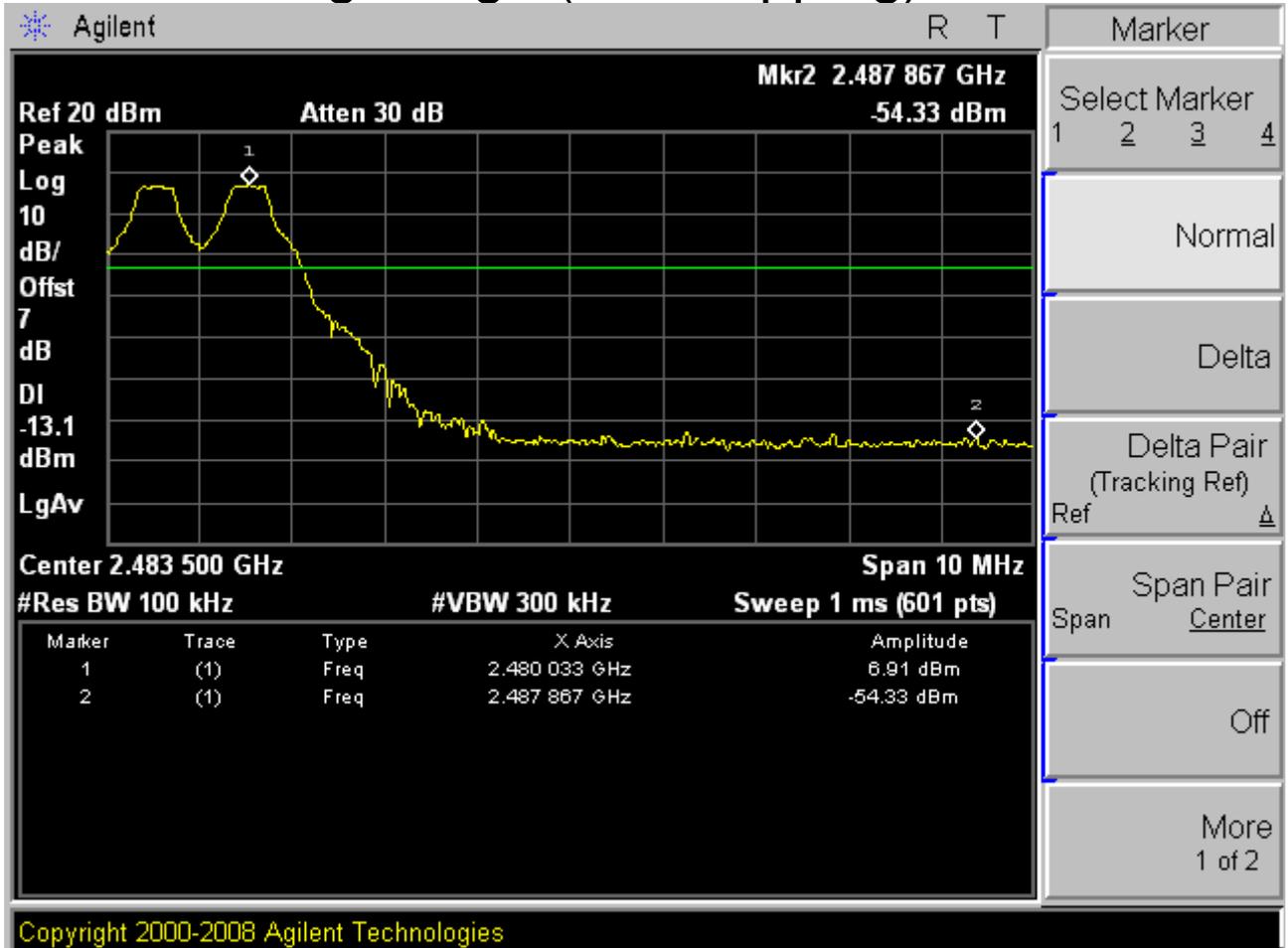


High edge (Channel 78, no hopping)





High edge (with hopping)





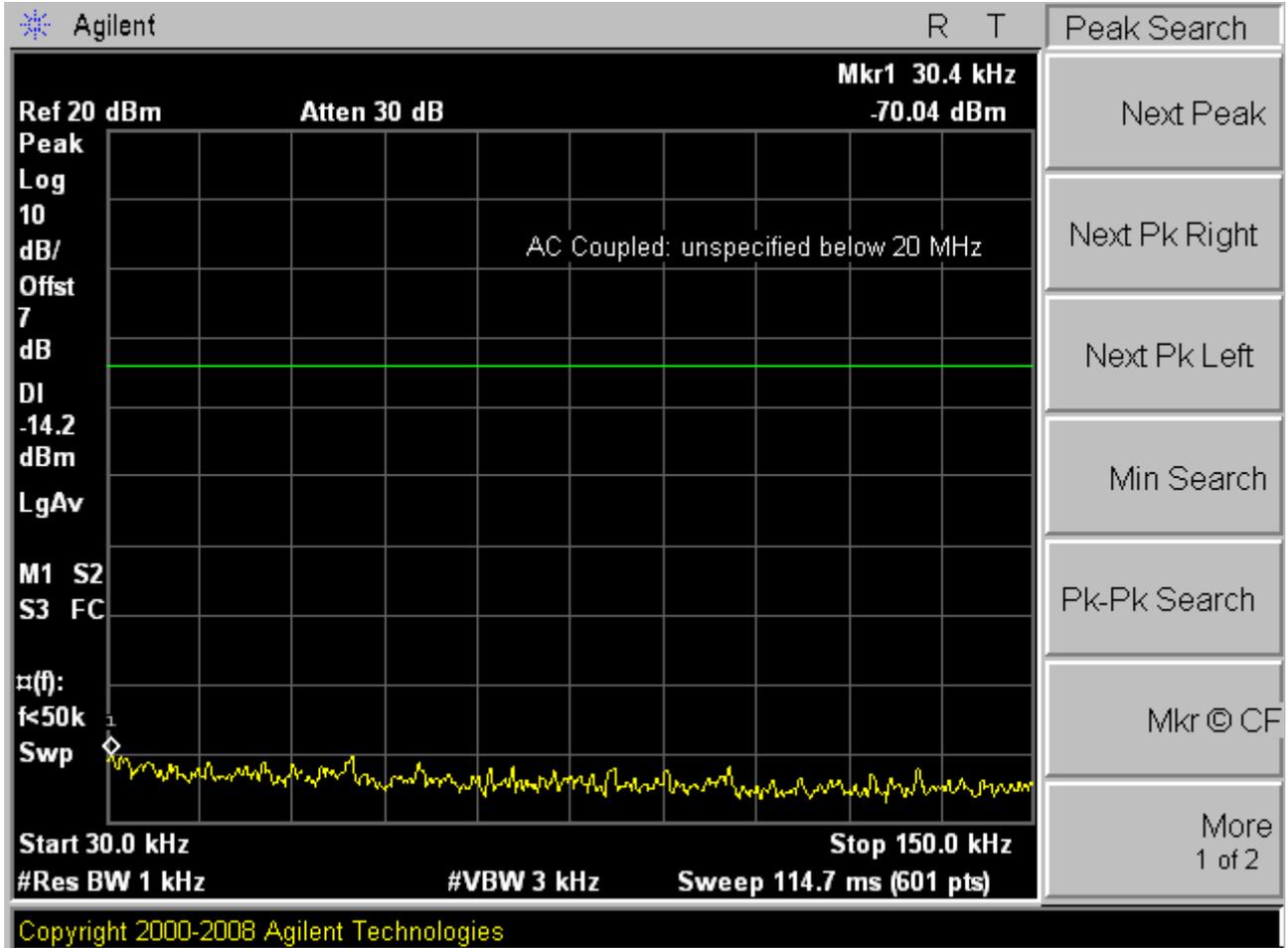
Appendix G

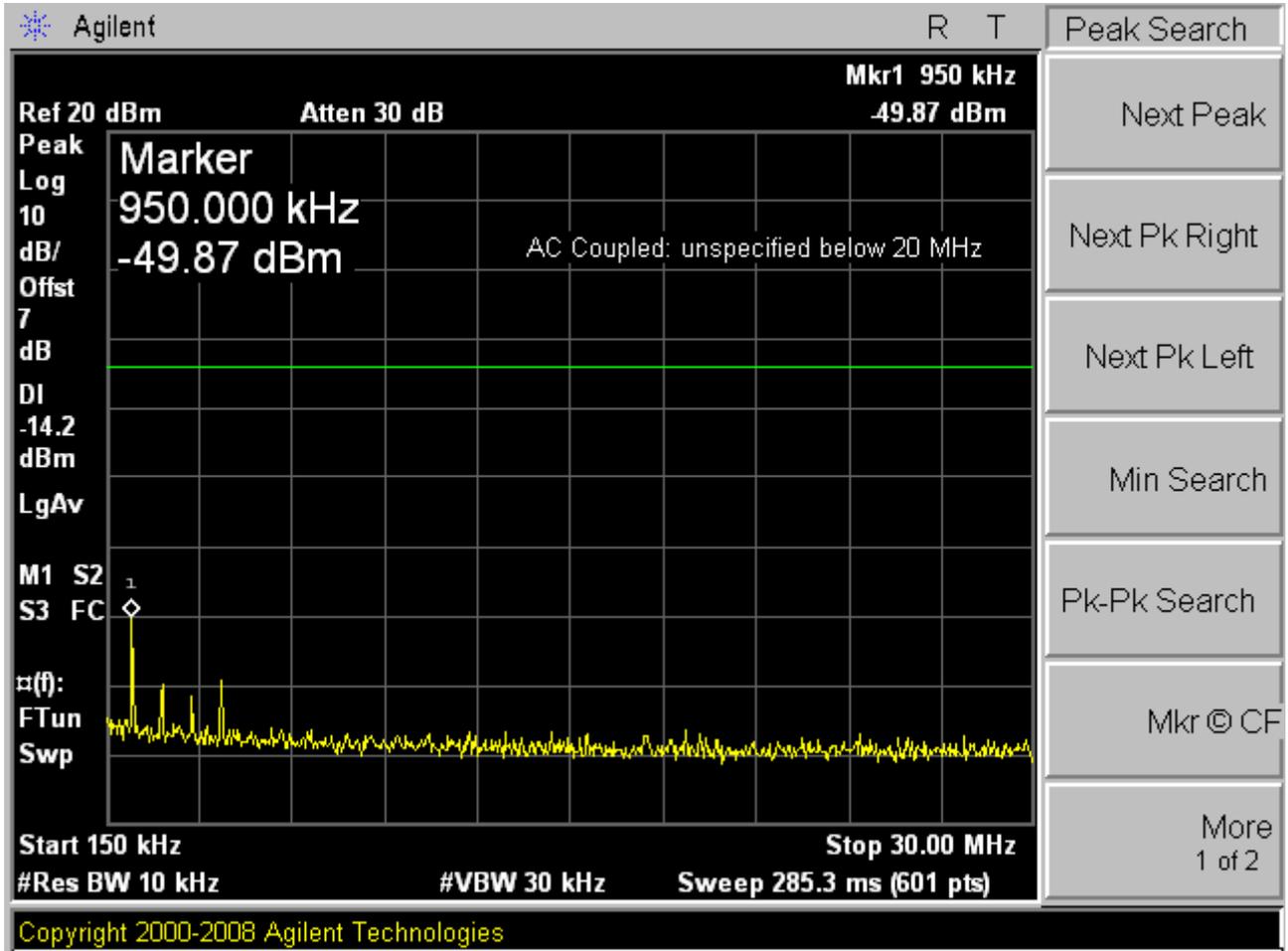
Conducted RF spurious

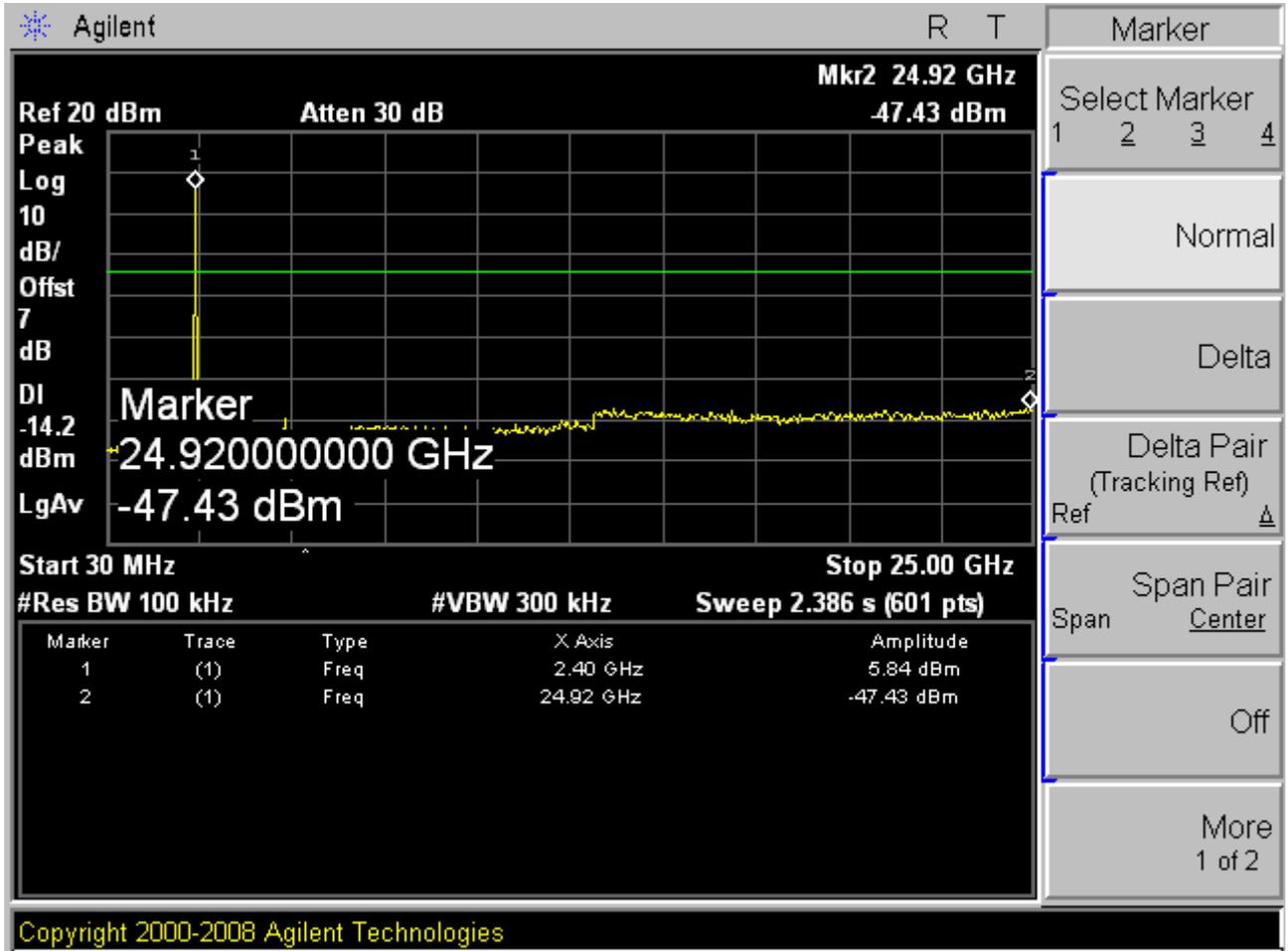
According to FCC Part 15.247 (d)



Channel 0

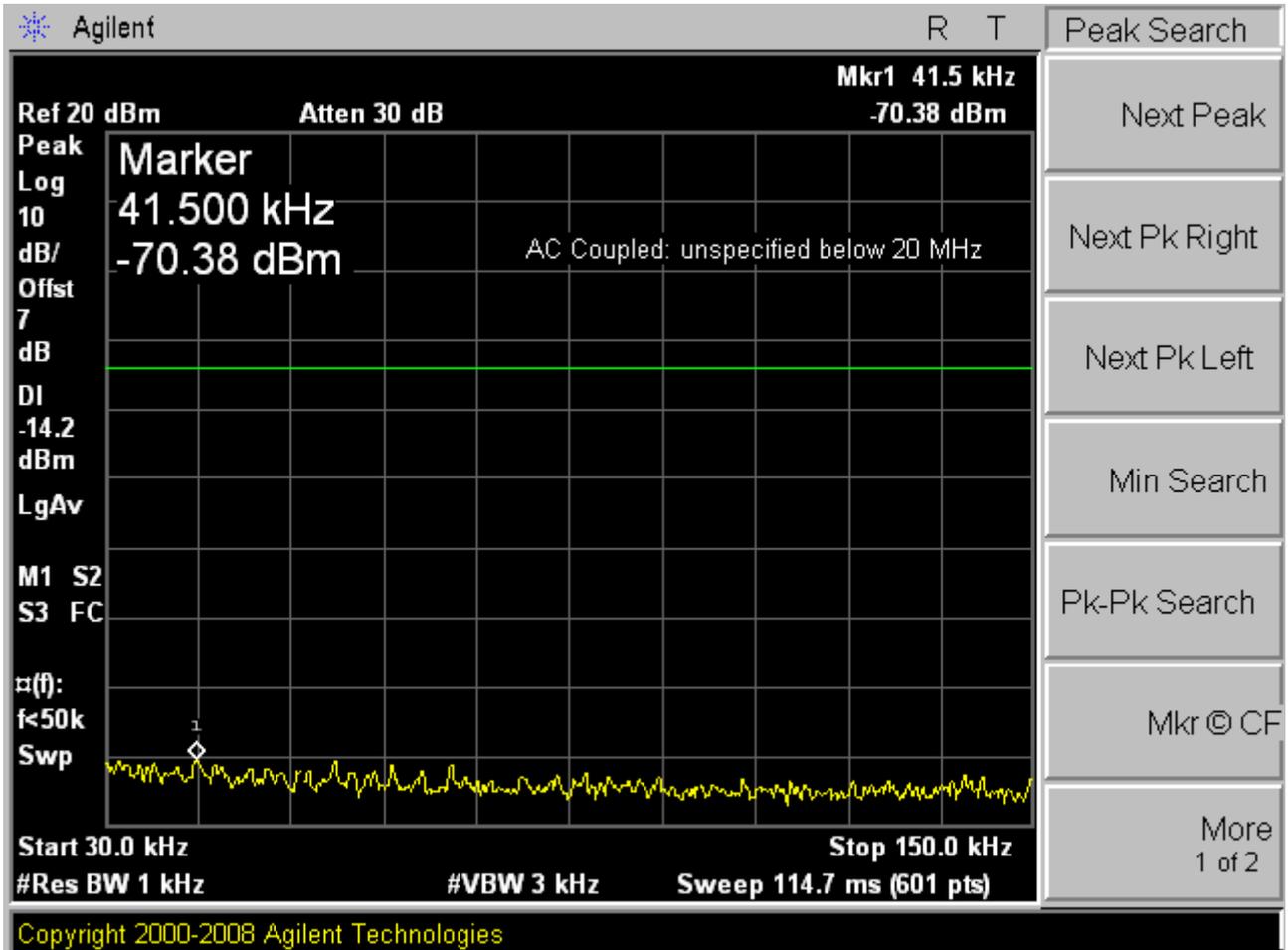


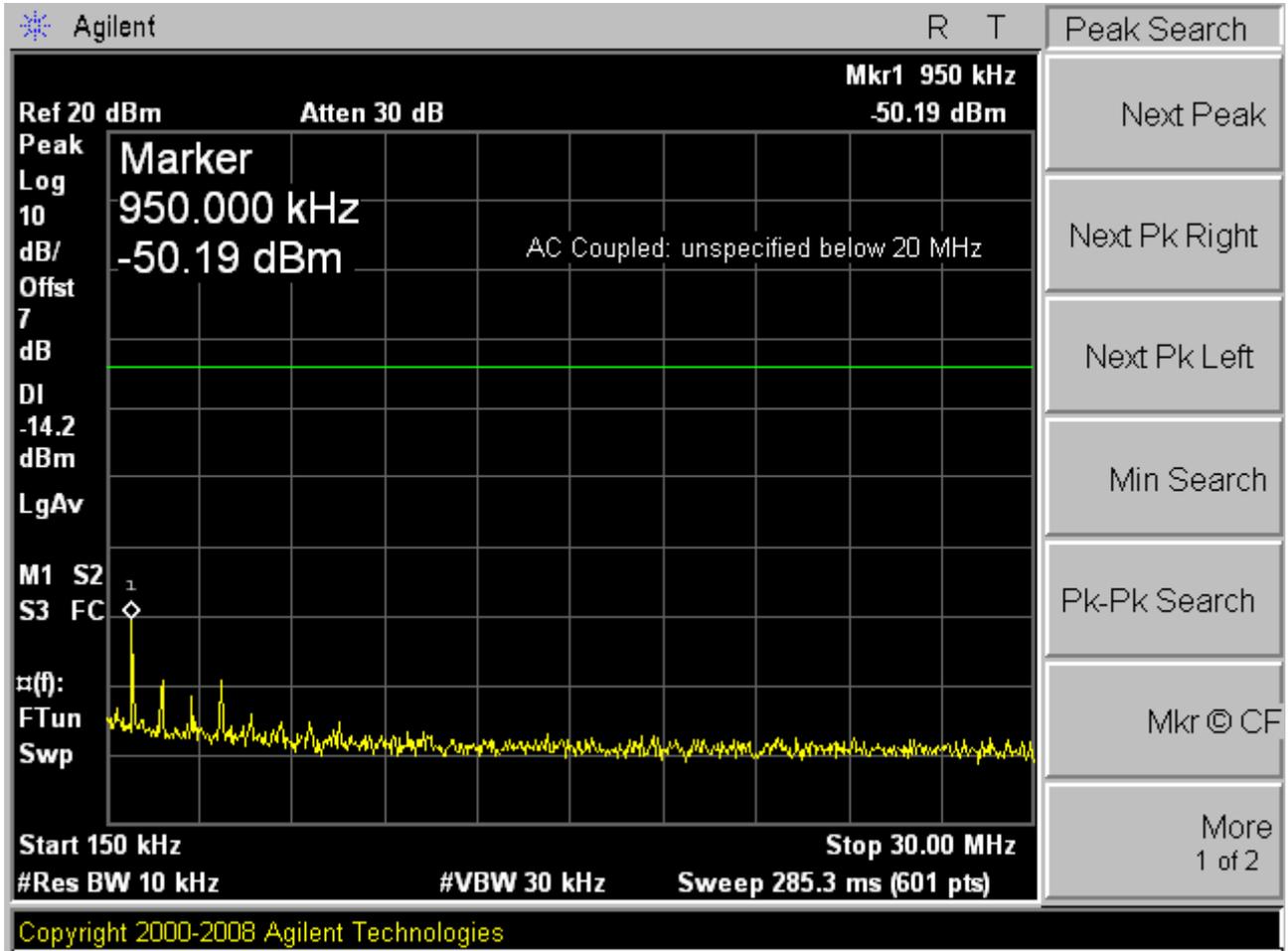


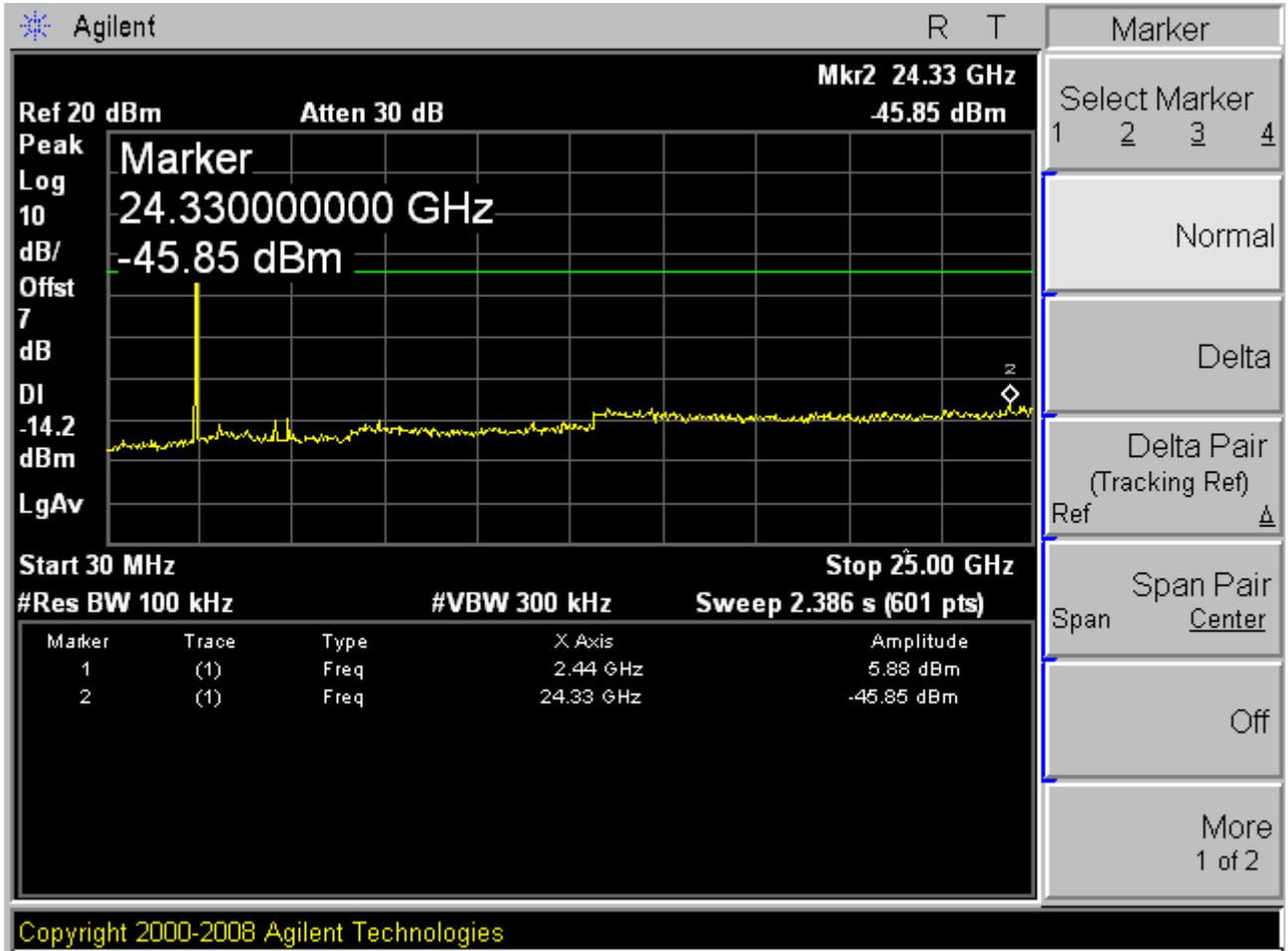




Channel 40

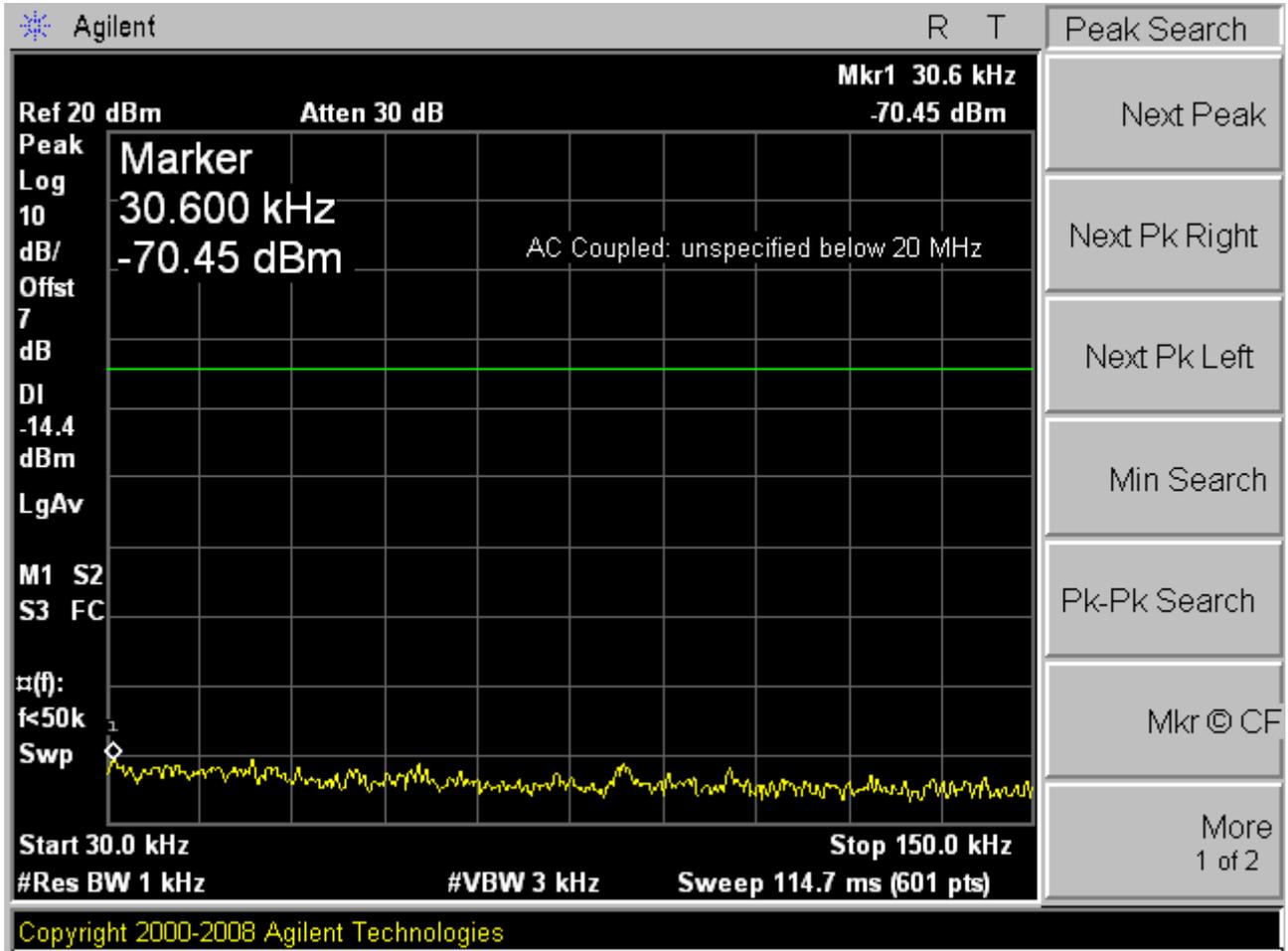


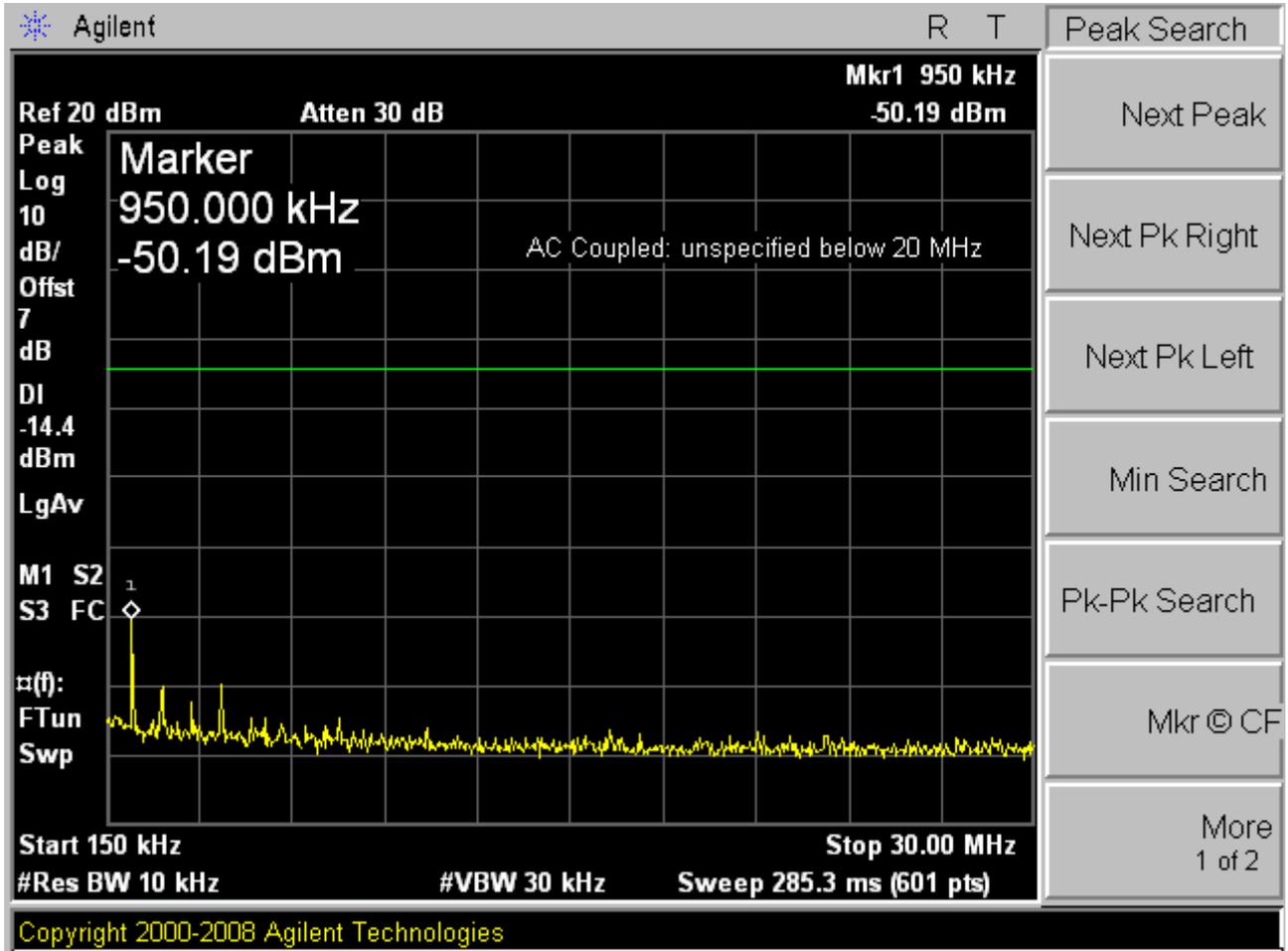


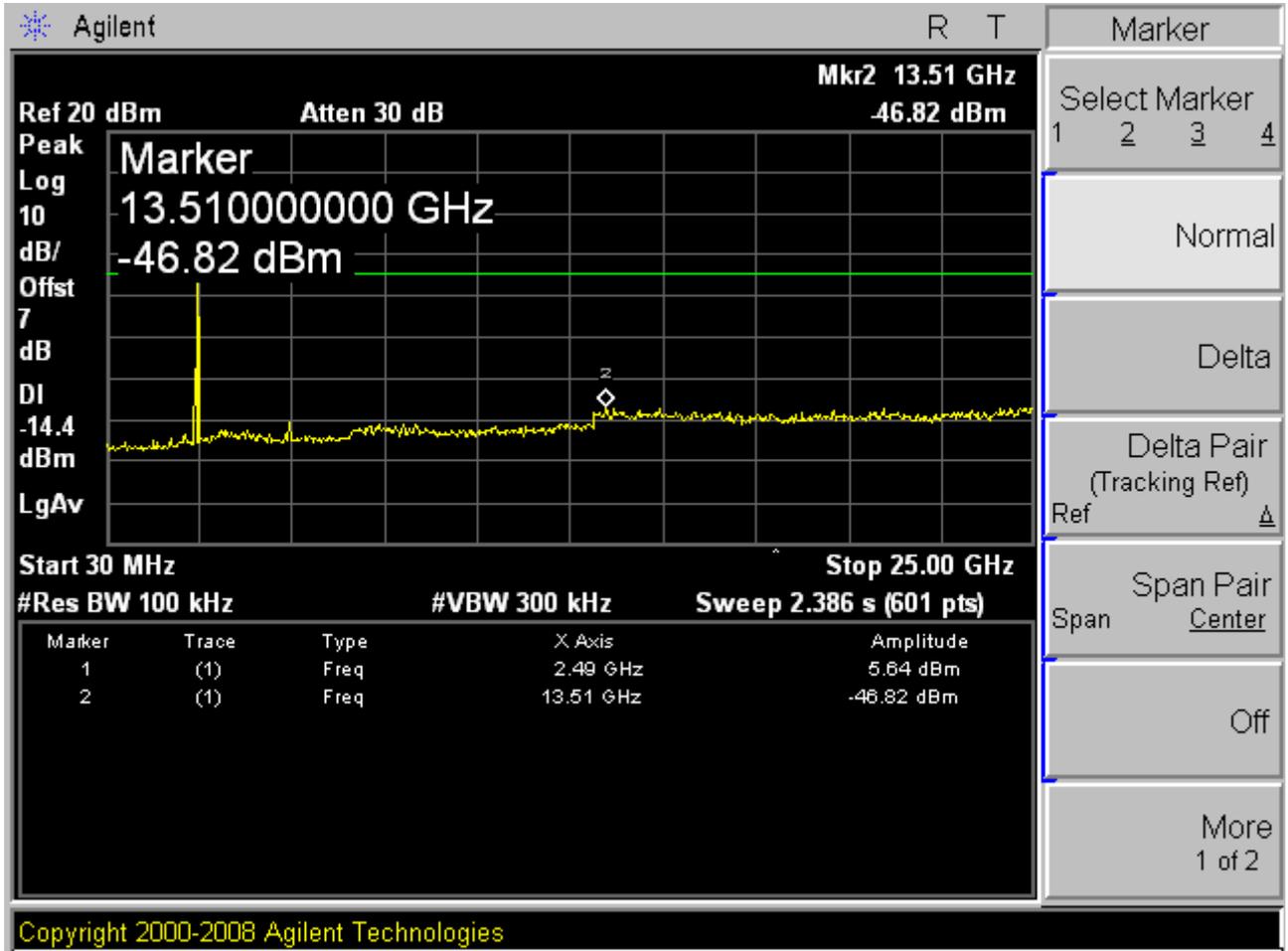




Channel 78









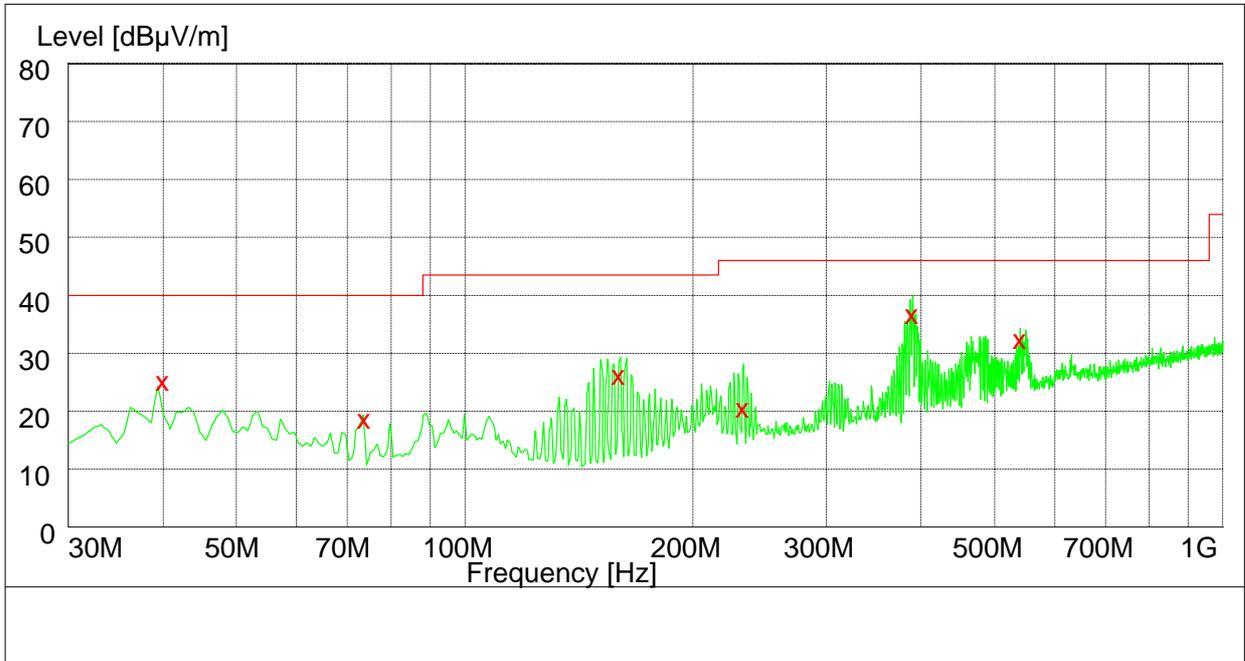
Appendix H

Radiated spurious emission

According to FCC Part 15.247 (d) & 15.205 & 15.209



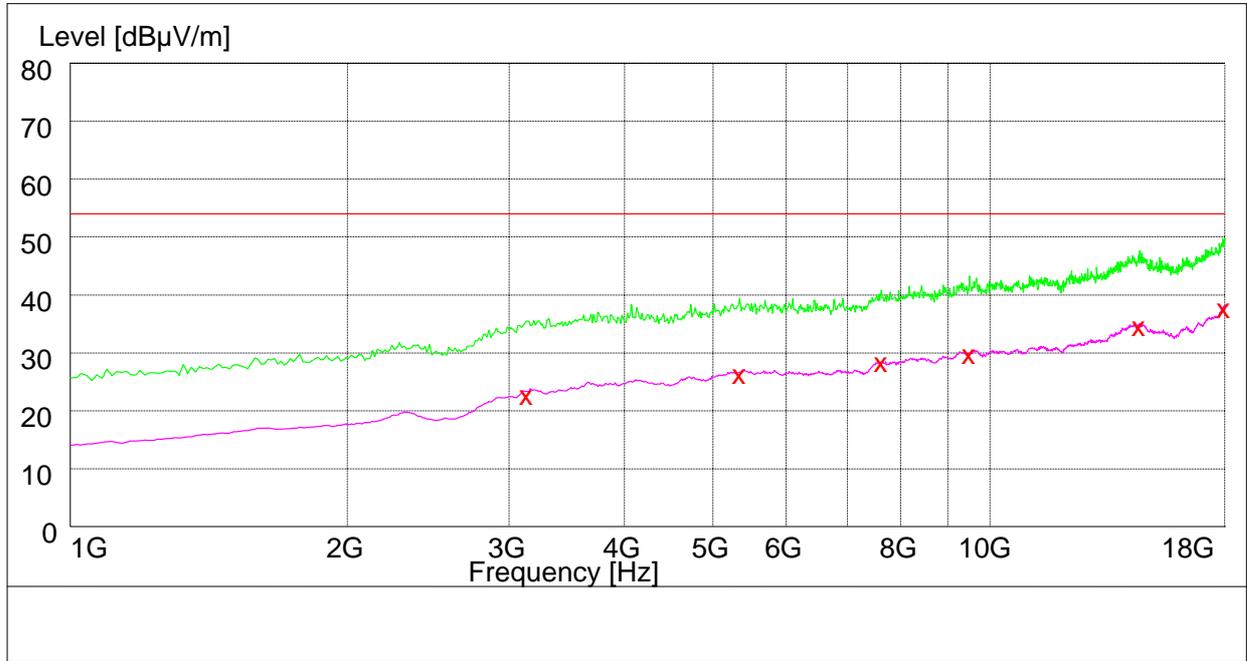
Channel 0 30MHz to 1GHz



Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Plarization
40.020000	26.30	13.1	40.0	13.7	121.0	179.00	HORIZONTAL
73.740000	18.80	7.8	40.0	21.2	100.0	179.00	VERTICAL
159.840000	27.40	9.6	43.5	16.1	150.0	177.00	VERTICAL
232.860000	20.40	13.7	46.0	25.6	132.0	244.00	HORIZONTAL
389.220000	37.90	17.9	46.0	8.1	147.0	127.00	VERTICAL
539.940000	32.20	21.2	46.0	13.8	125.0	144.00	HORIZONTAL



1GHz to 18GHz



Note: Signal suppressed with a 2.4 GHz band rejection filter

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
3138.500000	22.70	-8.5	54.0	31.3	165.0	182.00	VERTICAL
5345.500000	26.40	-2.5	54.0	27.6	185.0	196.00	VERTICAL
7617.000000	28.10	1.7	54.0	25.9	143.0	17.00	VERTICAL
9494.000000	29.50	4.9	54.0	24.5	172.0	241.00	VERTICAL
14523.000000	34.30	12.3	54.0	19.7	161.0	217.00	VERTICAL
17981.000000	37.50	17.2	54.0	16.5	176.0	321.00	VERTICAL

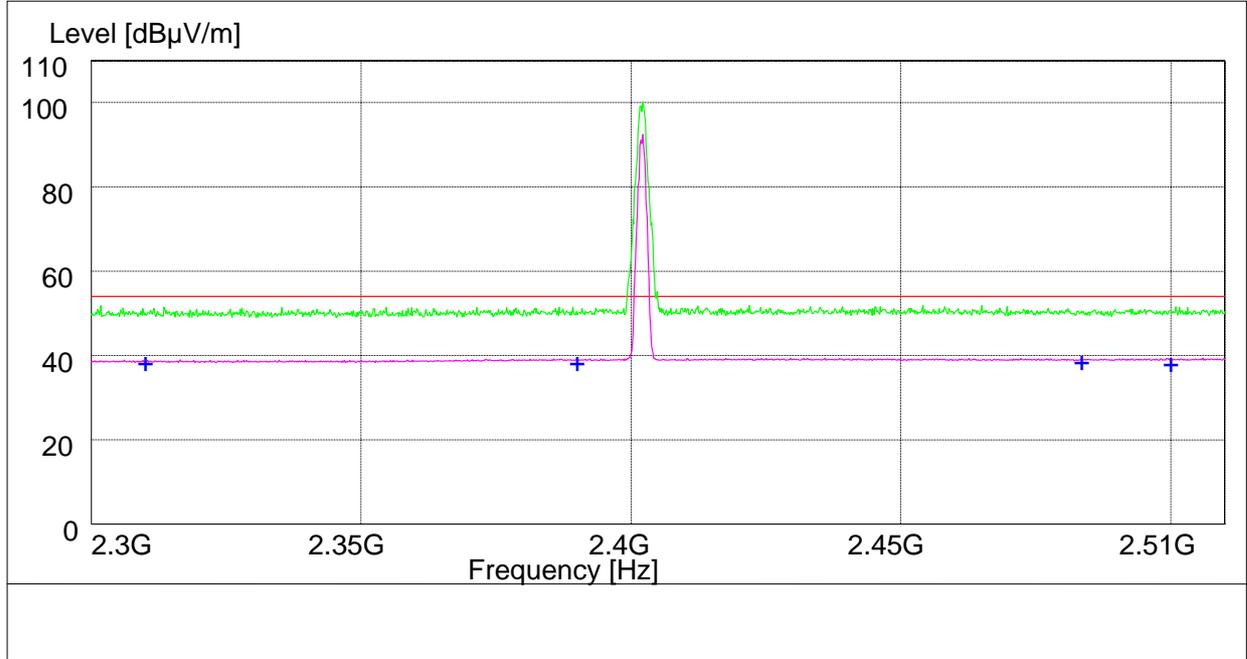


18GHz to 26GHz

Note: No peak found in pre- test.



2GHz to 3GHz

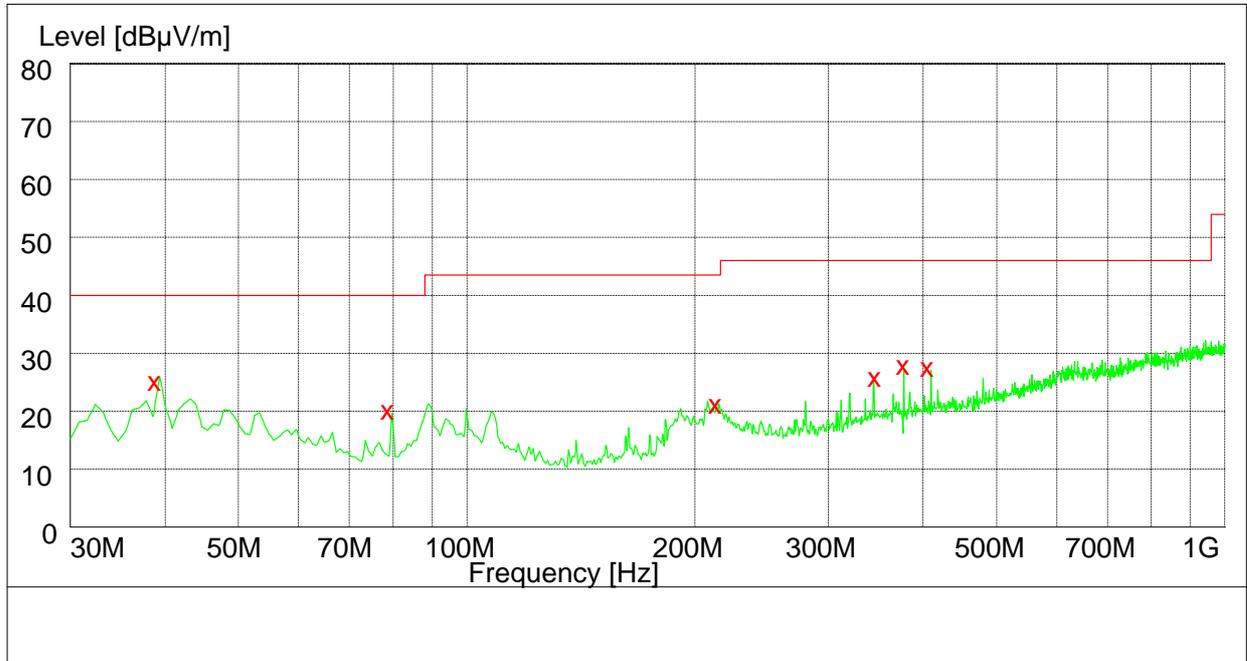


Note: The highest peak exceeds the limit line is carrier frequency.

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2310.000000	38.00	33.3	54.0	16.0	120.0	44.00	HORIZONTAL
2390.000000	38.20	33.5	54.0	15.8	147.0	321.00	VERTICAL
2483.500000	38.30	33.7	54.0	15.7	140.0	154.00	HORIZONTAL
2500.000000	37.80	33.8	54.0	16.2	102.0	44.00	VERTICAL



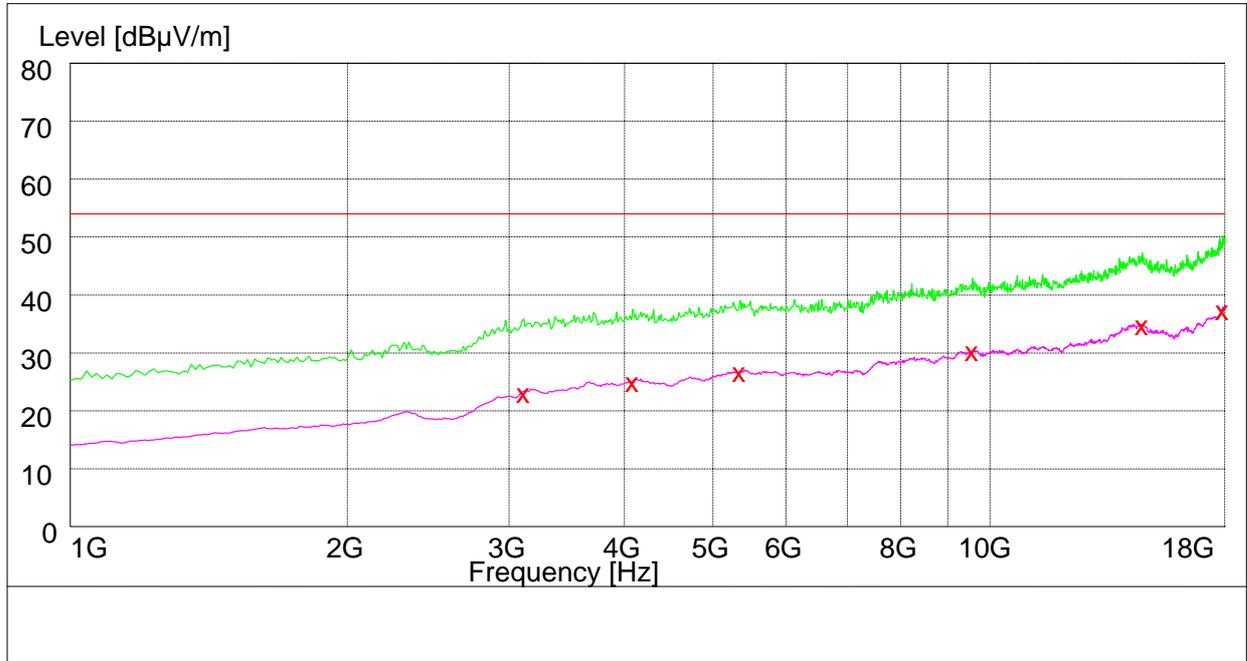
Channel 40 30MHz to 1GHz



Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
38.820000	25.00	11.9	40.0	15.0	132.0	229.00	VERTICAL
78.820000	20.00	8.1	40.0	20.0	145.0	285.00	VERTICAL
213.120000	21.00	12.7	43.5	22.5	100.0	226.00	HORIZONTAL
345.600000	27.10	17.0	46.0	18.9	154.0	198.00	VERTICAL
376.860000	29.10	17.6	46.0	16.9	100.0	127.00	HORIZONTAL
405.860000	28.80	18.4	46.0	17.2	121.0	47.00	HORIZONTAL



1GHz to 18GHz



Note: Signal suppressed with a 2.4 GHz band rejection filter

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
3114.500000	22.80	-8.6	54.0	31.2	187.0	29.00	VERTICAL
4090.500000	24.70	-5.7	54.0	29.3	165.0	324.00	HORIZONTAL
5346.000000	26.40	-2.5	54.0	27.6	123.0	173.00	HORIZONTAL
9572.500000	30.00	5.1	54.0	24.0	198.0	309.00	HORIZONTAL
14654.000000	34.50	11.9	54.0	19.5	100.0	176.00	VERTICAL
17925.500000	37.10	16.8	54.0	16.9	134.0	244.00	HORIZONTAL

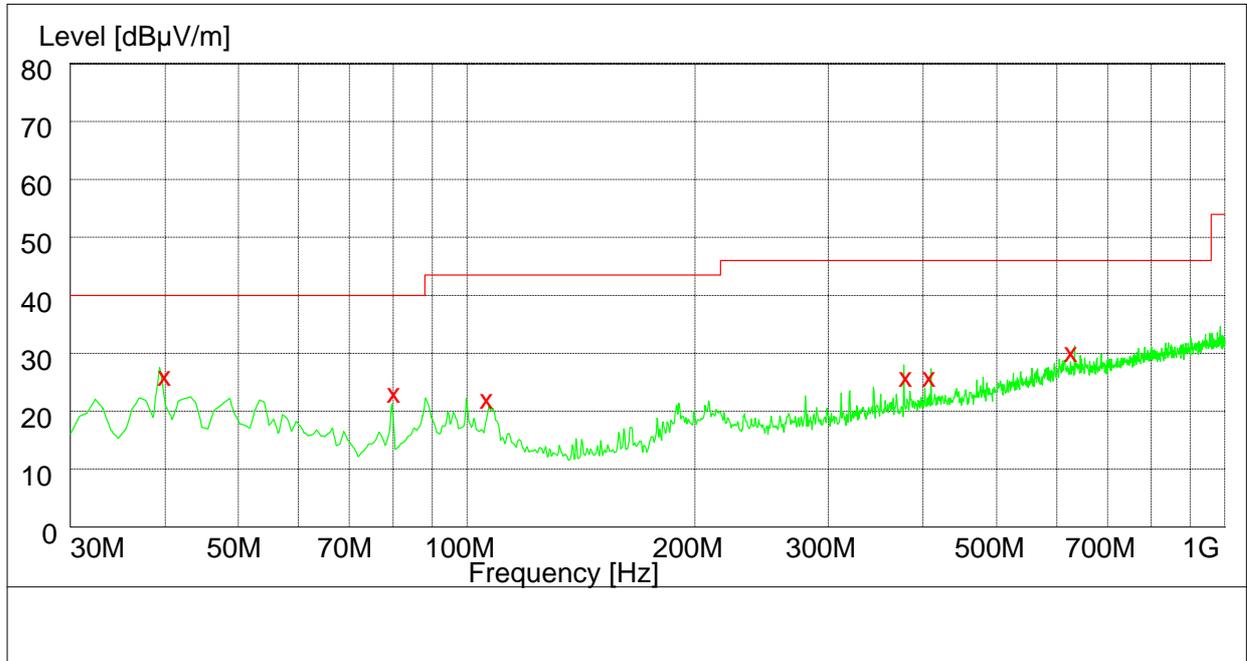


18GHz to 26GHz

Note: No peak found in pre- test.



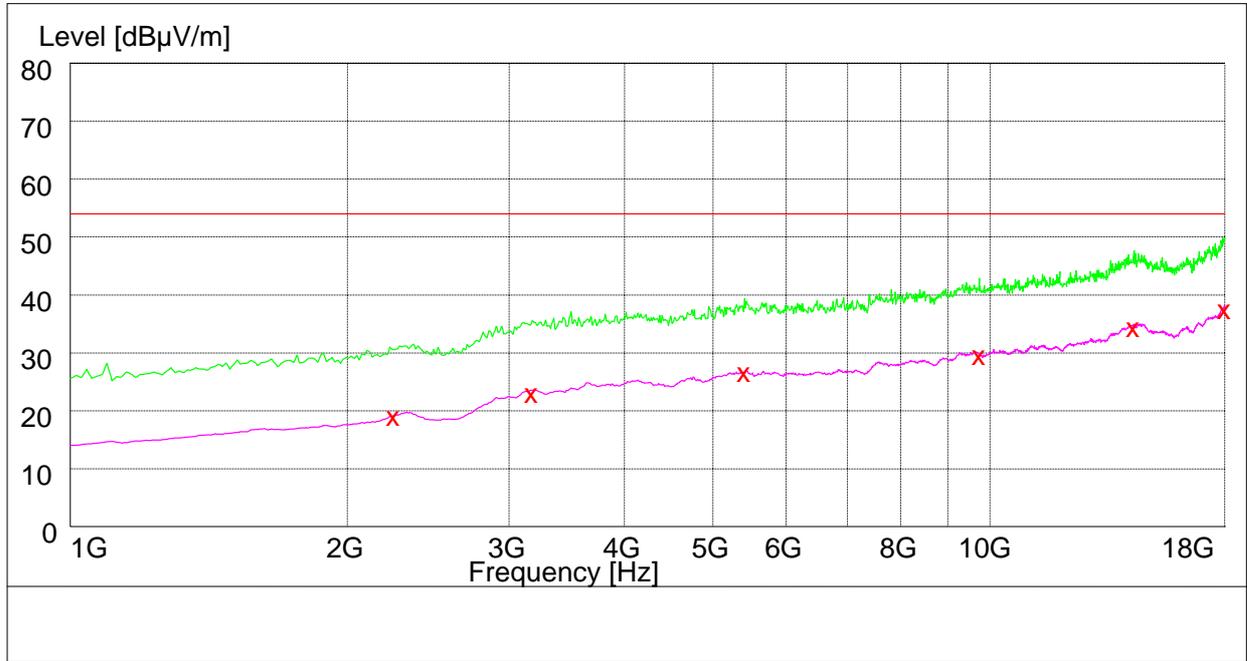
Channel 78 30MHz to 1GHz



Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
40.020000	25.90	13.1	40.0	14.1	100.0	32.00	HORIZONTAL
80.320000	22.90	8.3	40.0	17.1	132.0	154.00	VERTICAL
106.520000	21.90	13.1	43.5	21.6	145.0	325.00	VERTICAL
380.140000	27.10	17.6	46.0	18.9	178.0	254.00	HORIZONTAL
408.140000	27.00	18.2	46.0	19.0	154.0	37.00	HORIZONTAL
628.140000	30.00	22.7	46.0	16.0	120.0	257.00	VERTICAL



1GHz to 18GHz



Note: Signal suppressed with a 2.4 GHz band rejection filter

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2247.000000	18.80	-11.7	54.0	35.2	186.0	289.00	HORIZONTAL
3177.000000	22.90	-8.4	54.0	31.1	111.0	0.00	VERTICAL
5406.500000	26.40	-2.4	54.0	27.6	139.0	183.00	HORIZONTAL
9737.500000	29.30	5.1	54.0	24.7	115.0	165.00	VERTICAL
14337.000000	34.10	11.9	54.0	19.9	127.0	195.00	HORIZONTAL
17994.000000	37.20	17.3	54.0	16.8	100.0	320.00	VERTICAL

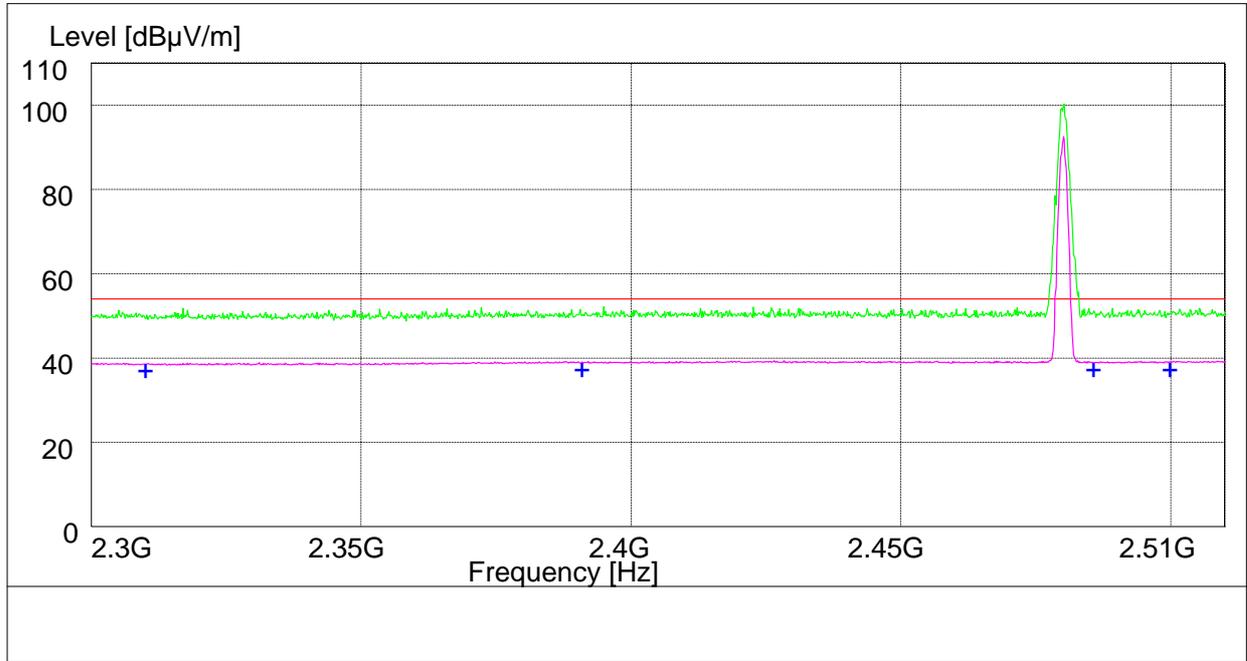


18GHz to 26GHz

Note: No peak found in pre- test.



2GHz to 3GHz



Note: The highest peak exceeds the limit line is carrier frequency.

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2310.000000	38.00	33.3	54.0	16.0	152.0	241.00	VERTICAL
2390.000000	37.90	33.5	54.0	16.1	145.0	74.00	HORIZONTAL
2483.500000	38.10	33.7	54.0	15.9	185.0	31.00	HORIZONTAL
2500.000000	38.20	33.8	54.0	15.8	132.0	231.00	VERTICAL



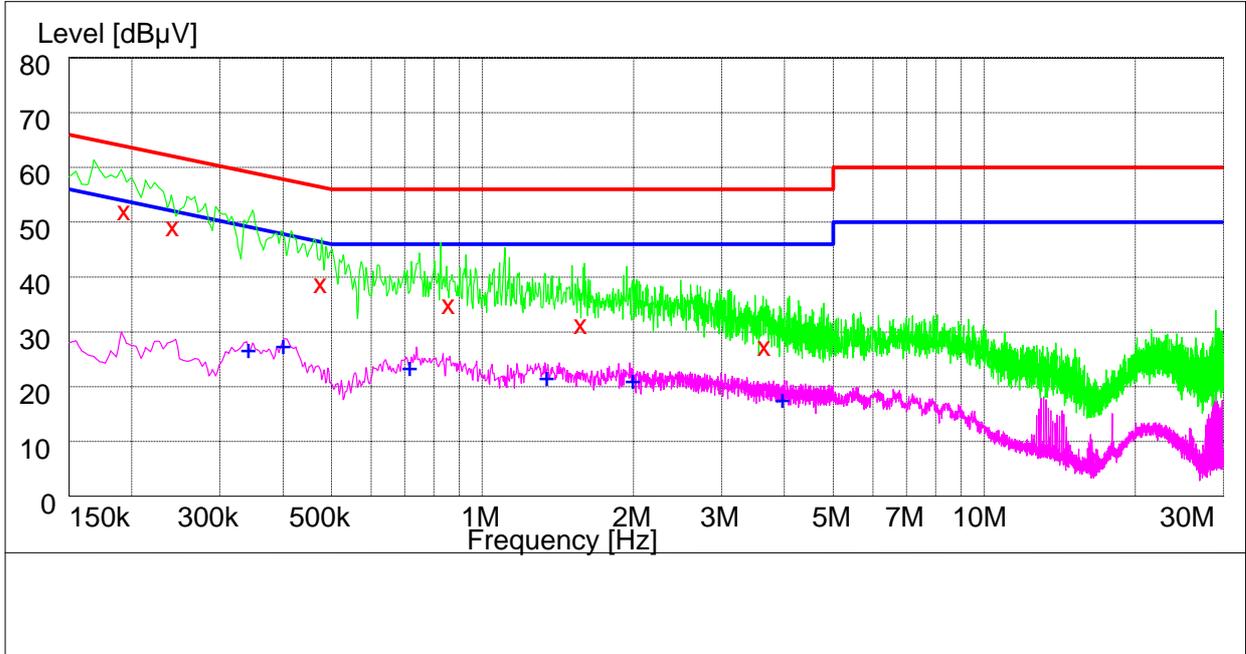
Appendix I

Conducted Emission at Power Port

According to FCC Part 15.207



Channel 40



MEASUREMENT RESULT: QP Detector

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Line	PE
0.194000	51.90	10.1	64	12.1	N	FLO
0.242000	49.00	10.0	62	13.0	N	FLO
0.476000	38.70	10.1	56	17.3	N	FLO
0.860000	34.80	10.1	56	21.2	N	FLO
1.576000	31.30	10.1	56	24.7	N	FLO
3.654000	27.30	10.2	56	28.7	N	FLO

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Line	PE
0.342000	26.70	10.0	49	22.3	N	FLO
0.400000	27.40	10.0	48	20.6	N	FLO
0.716000	23.50	10.1	46	22.5	N	FLO
1.344000	21.60	10.1	46	24.4	N	FLO
1.998000	21.10	10.1	46	24.9	N	FLO
3.964000	17.60	10.2	46	28.4	N	FLO