



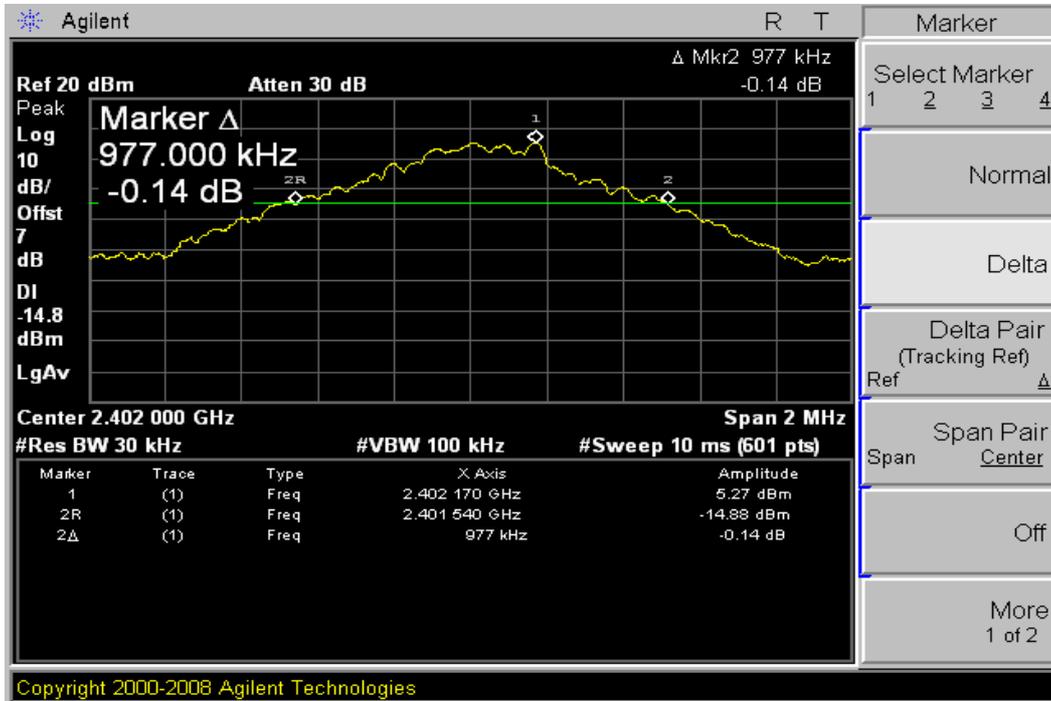
Appendix A

20dB bandwidth measurement

According to FCC Part 15.247 (a) (1)

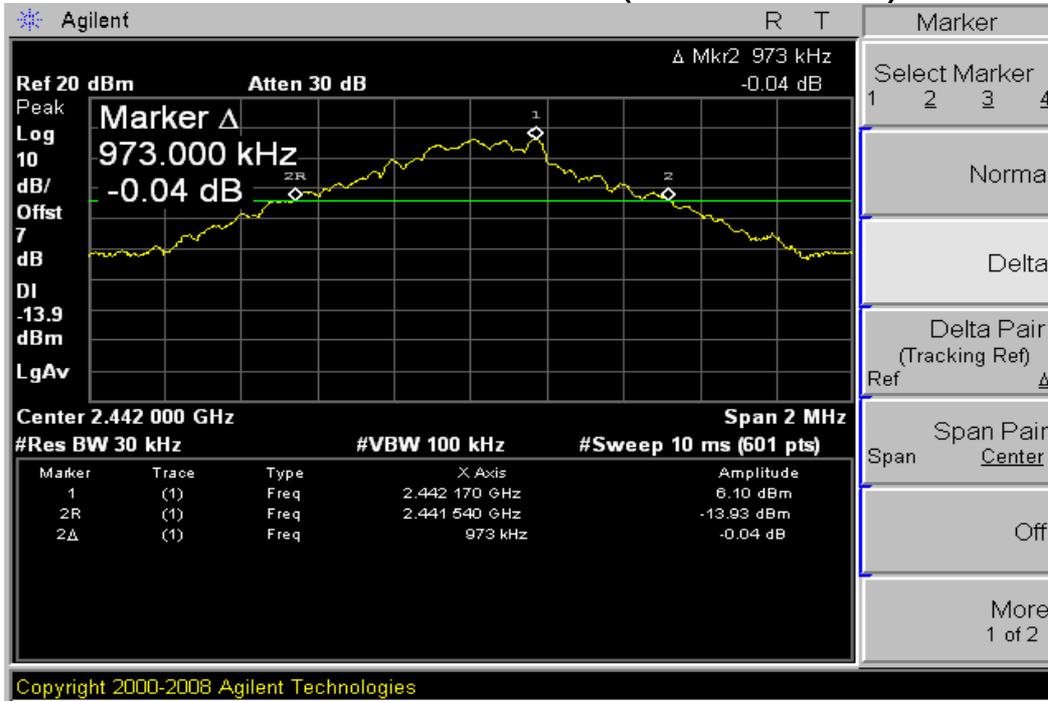


Channel 0 (2402MHz)



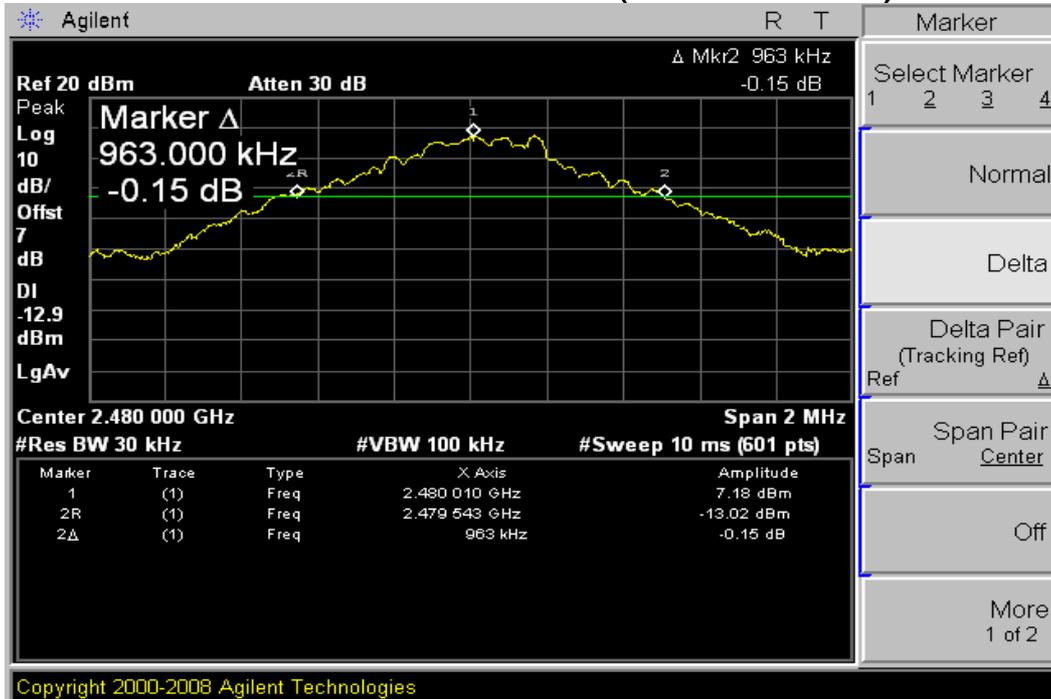


Channel 40 (2442MHz)





Channel 78 (2480MHz)





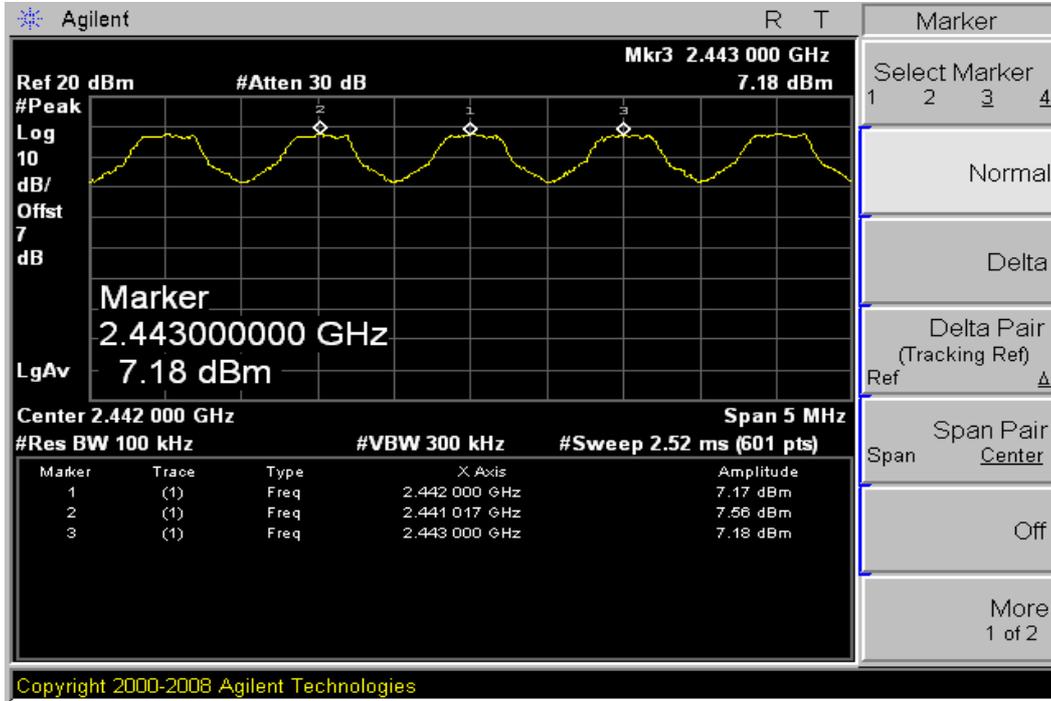
Appendix B

Carrier frequency separation measurement

According to FCC Part 15.247 (a) (1)



Centred at Channel 40





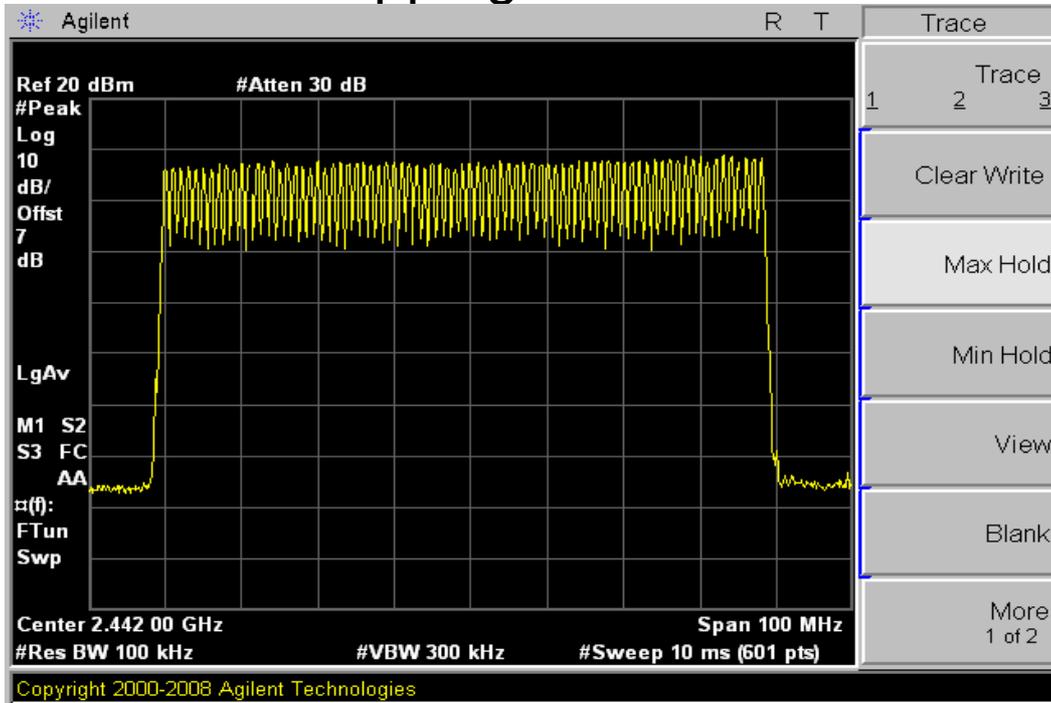
Appendix C

Number of hopping channel

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



Total hopping channels = 79





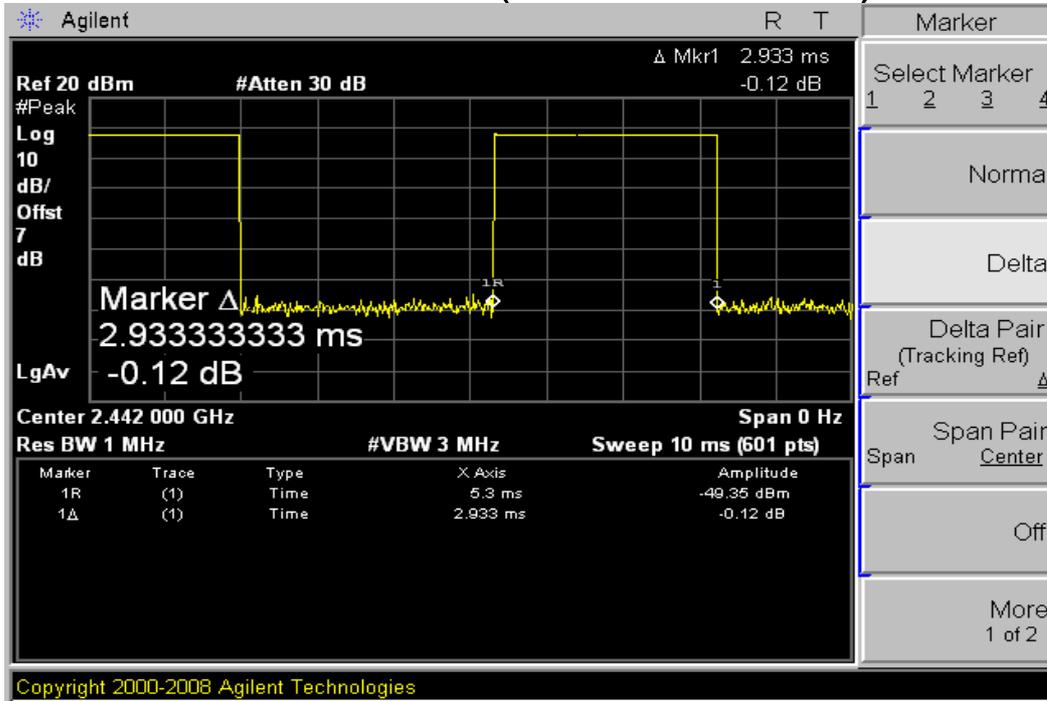
Appendix D

Time of occupancy

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

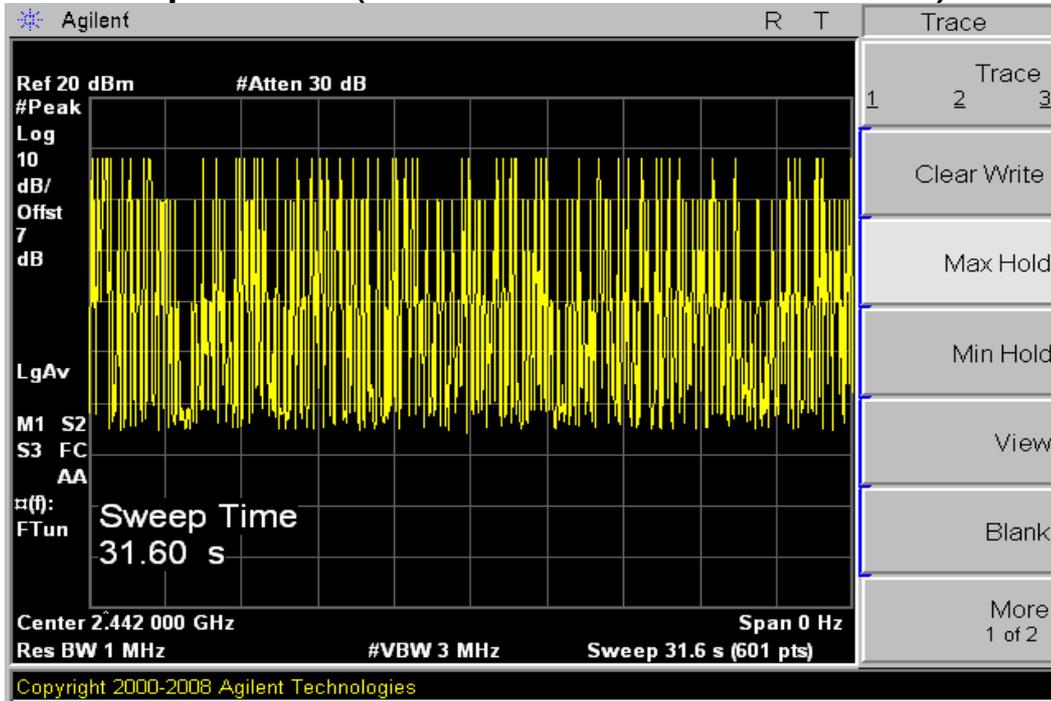


A burst (One time slot)





A period (Less than 106.7 burst)





Appendix E

Peak output power

According to FCC Part 15.247 (b) (1)

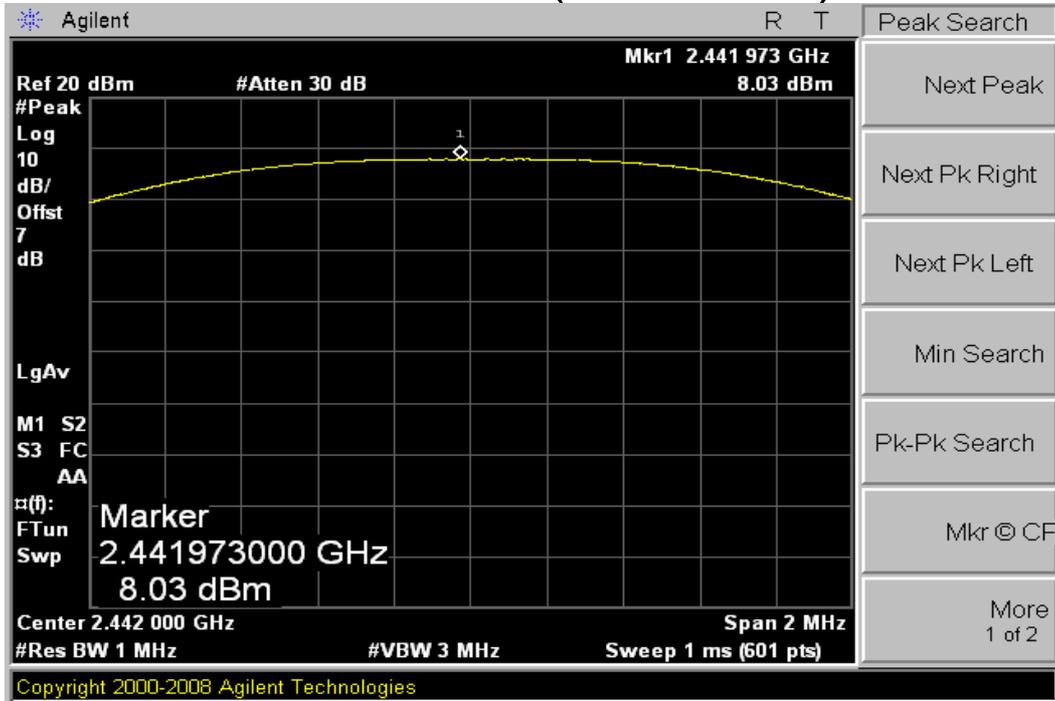


Channel 0 (2402MHz)



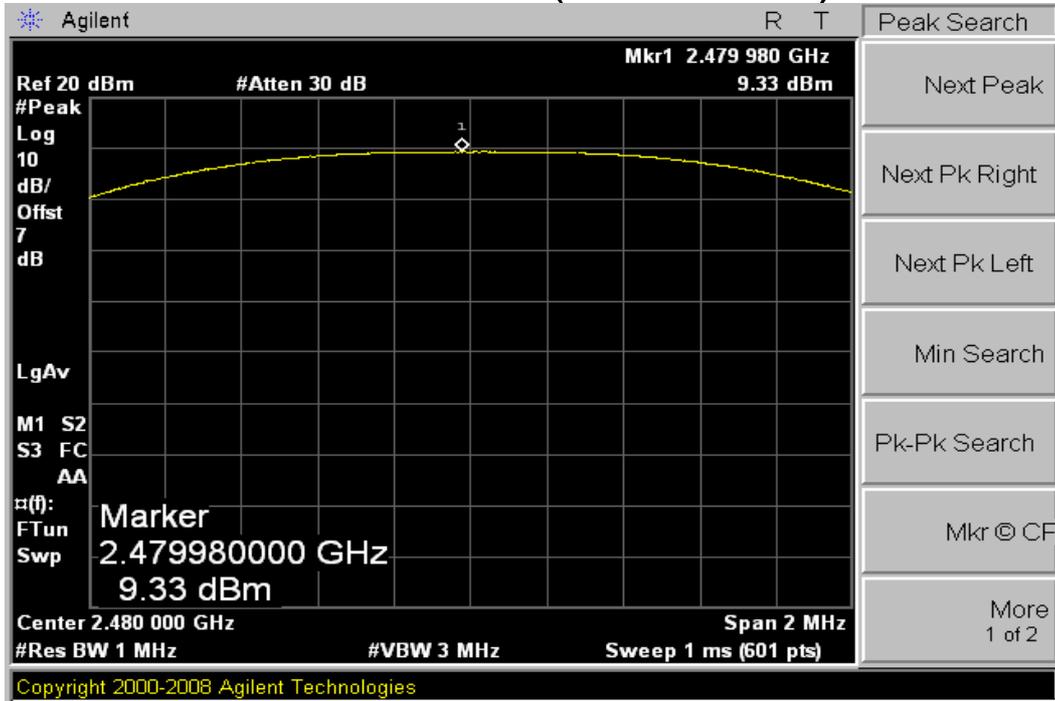


Channel 40 (2442MHz)





Channel 78 (2480MHz)





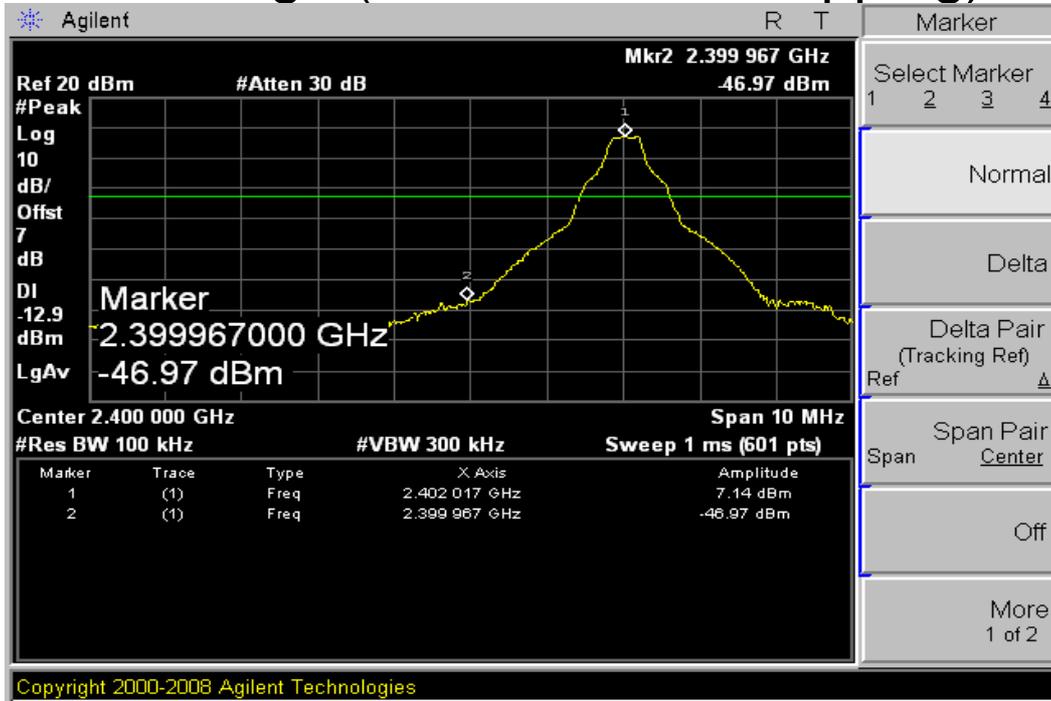
Appendix F

Band edge spurious emission

According to FCC Part 15.247 (d)

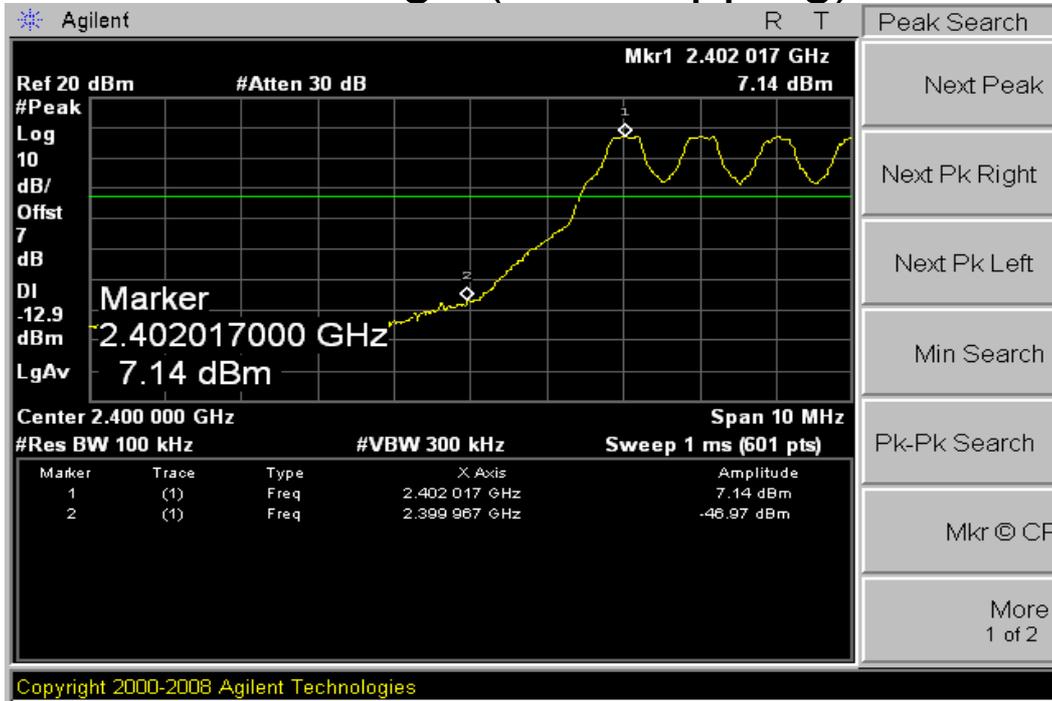


Low edge (Channel 0, no hopping)



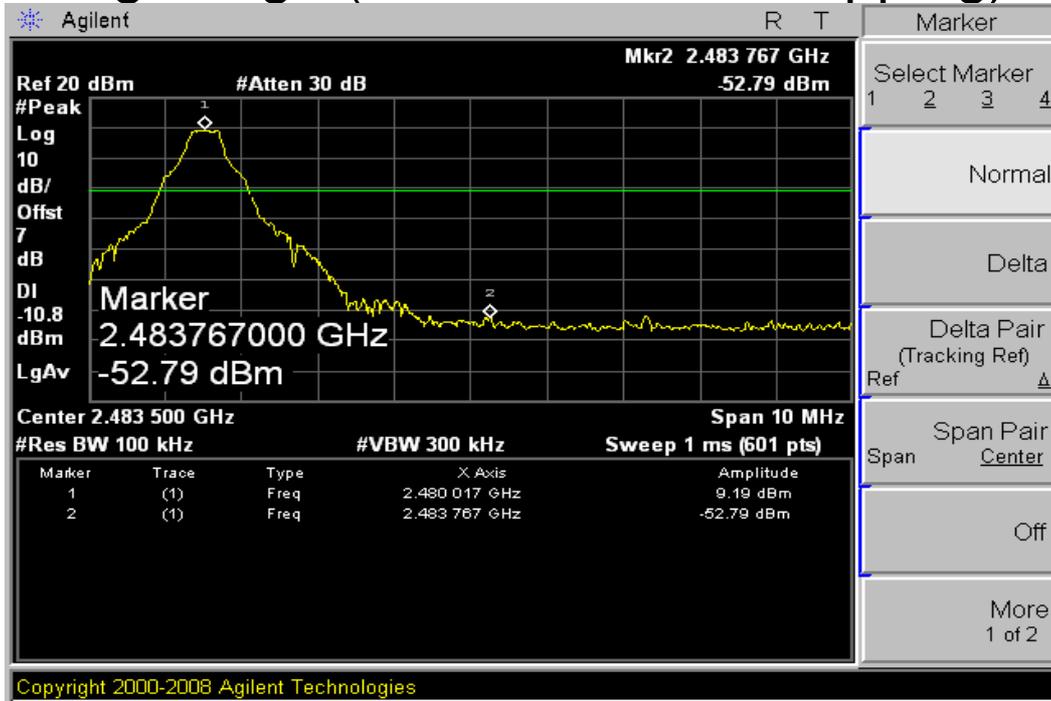


Low edge (with hopping)



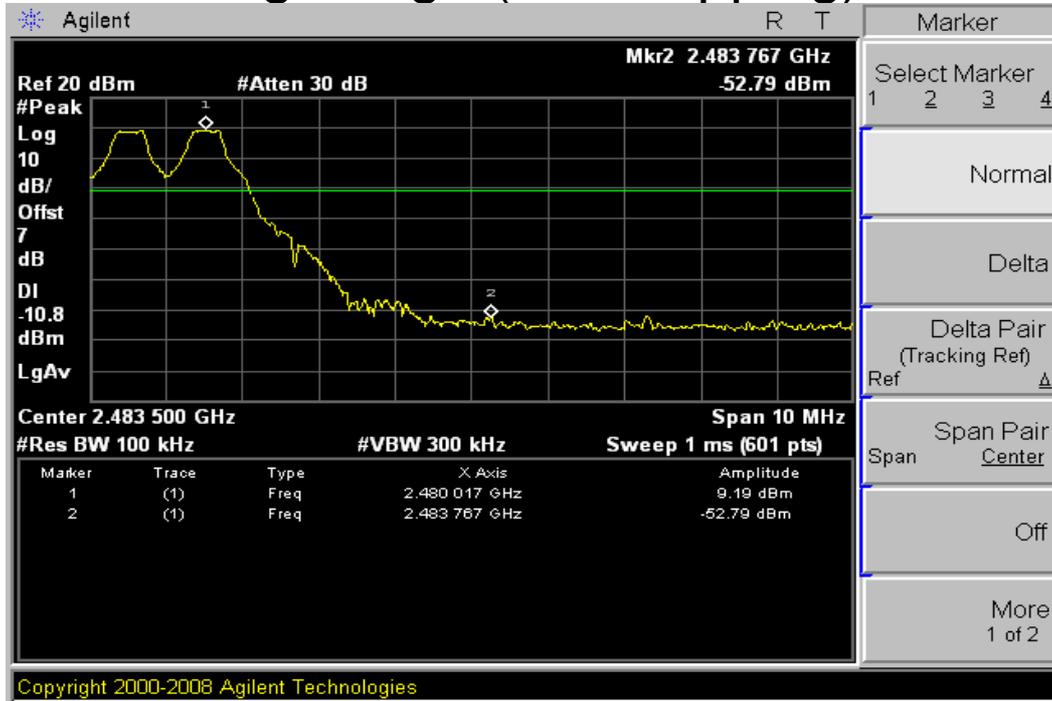


High edge (Channel 78, no hopping)





High edge (with hopping)





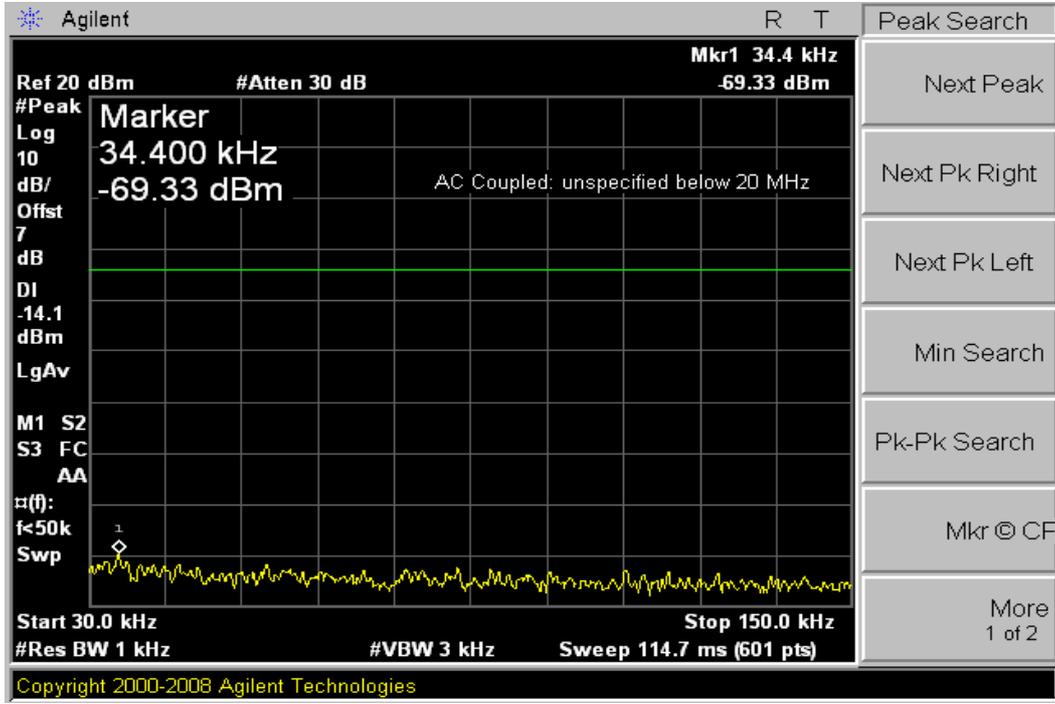
Appendix G

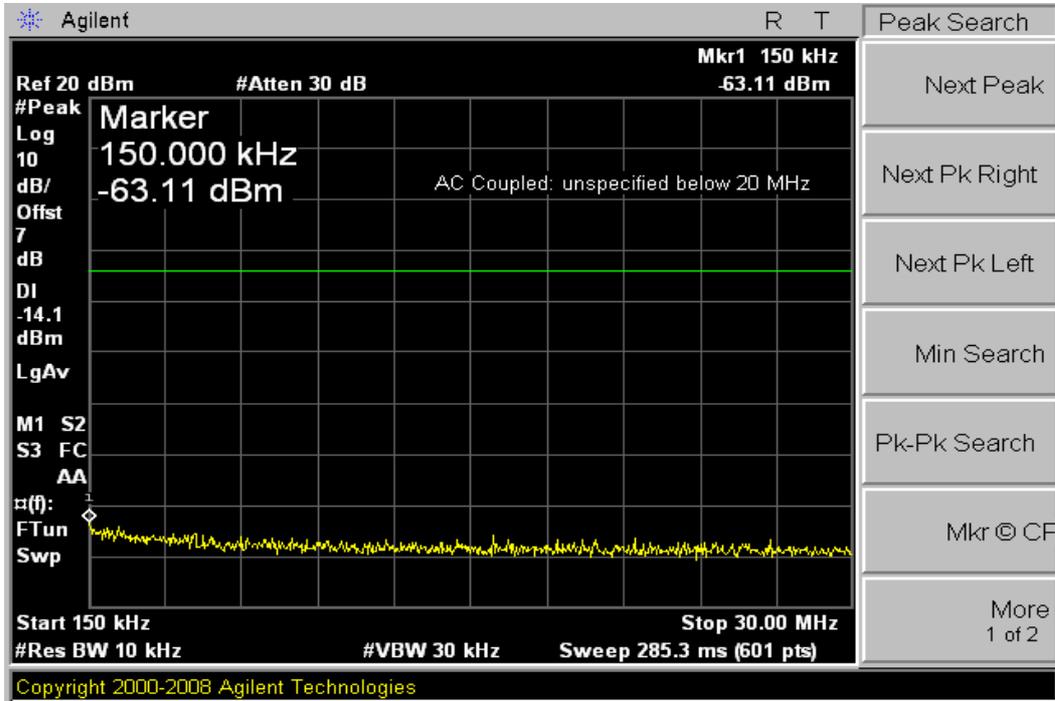
Conducted RF spurious

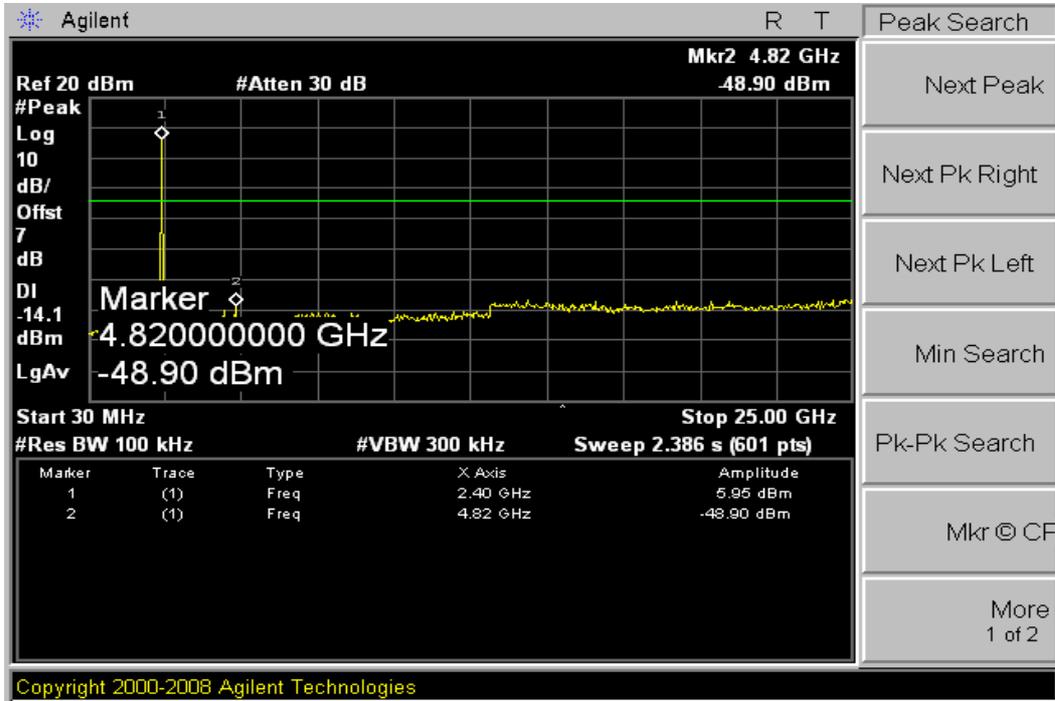
According to FCC Part 15.247 (d)



Channel 0

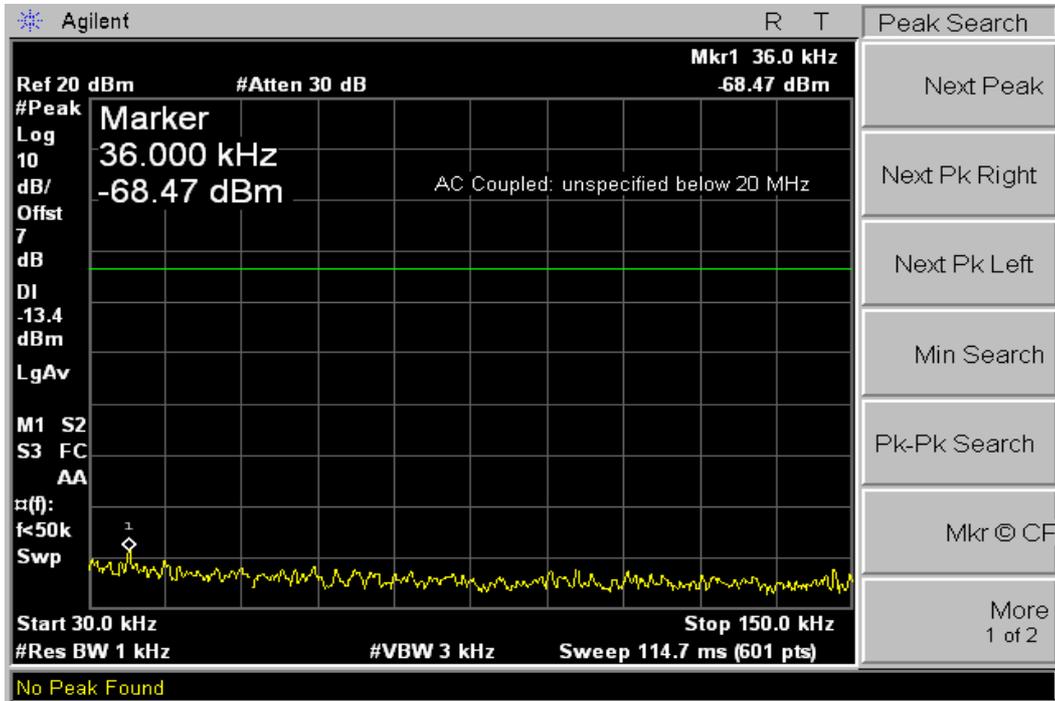


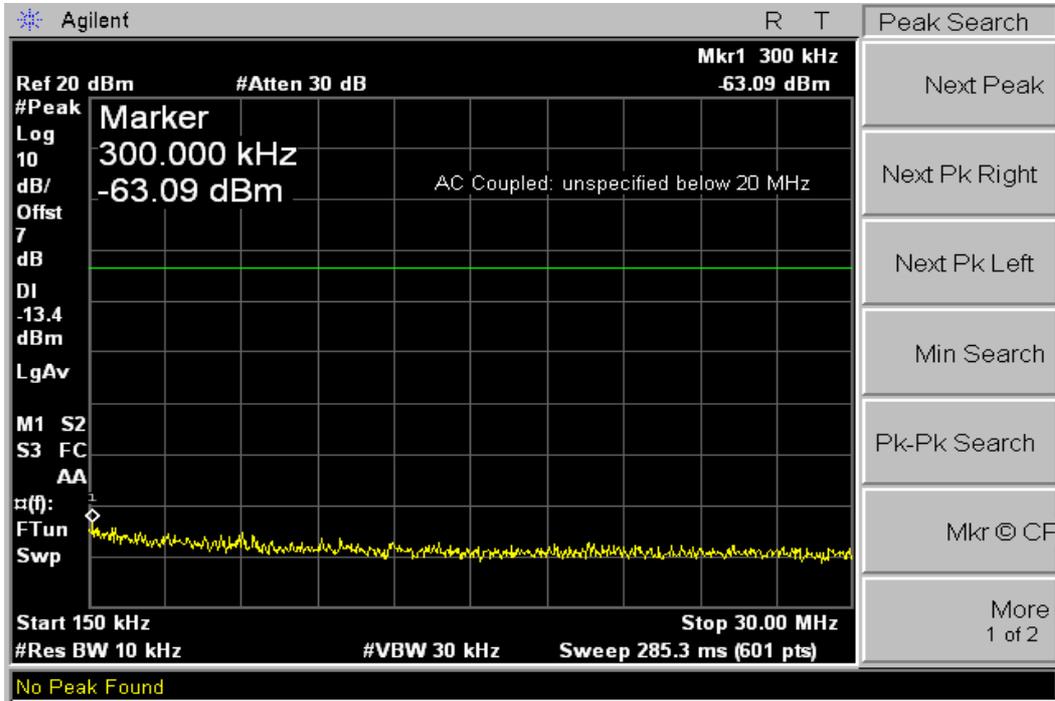


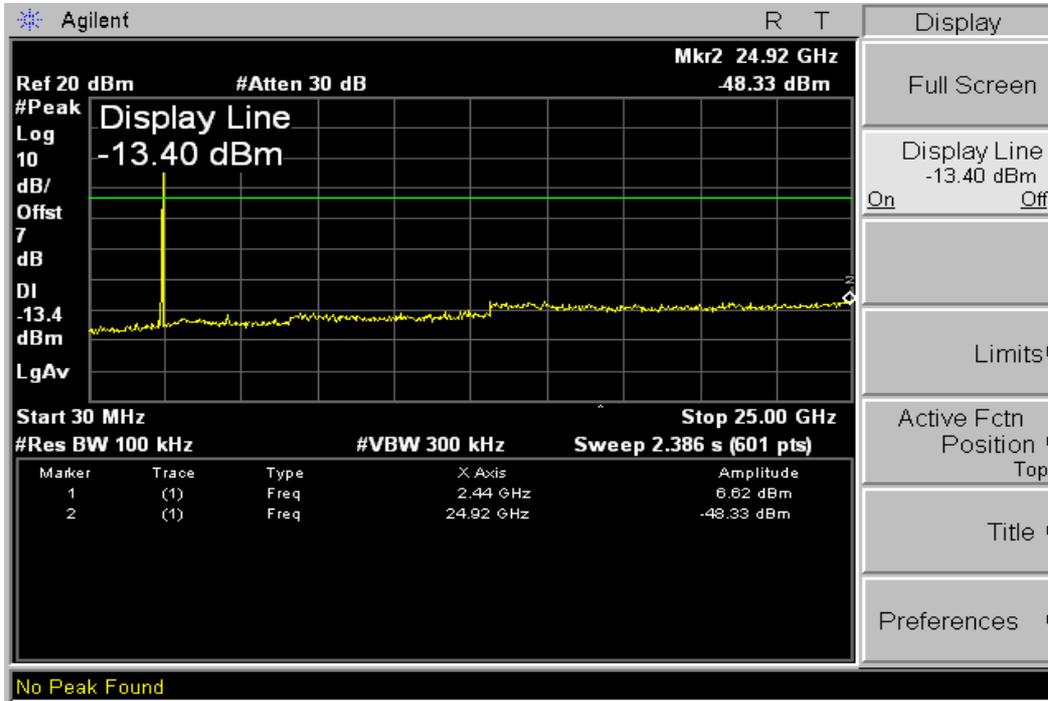




Channel 40

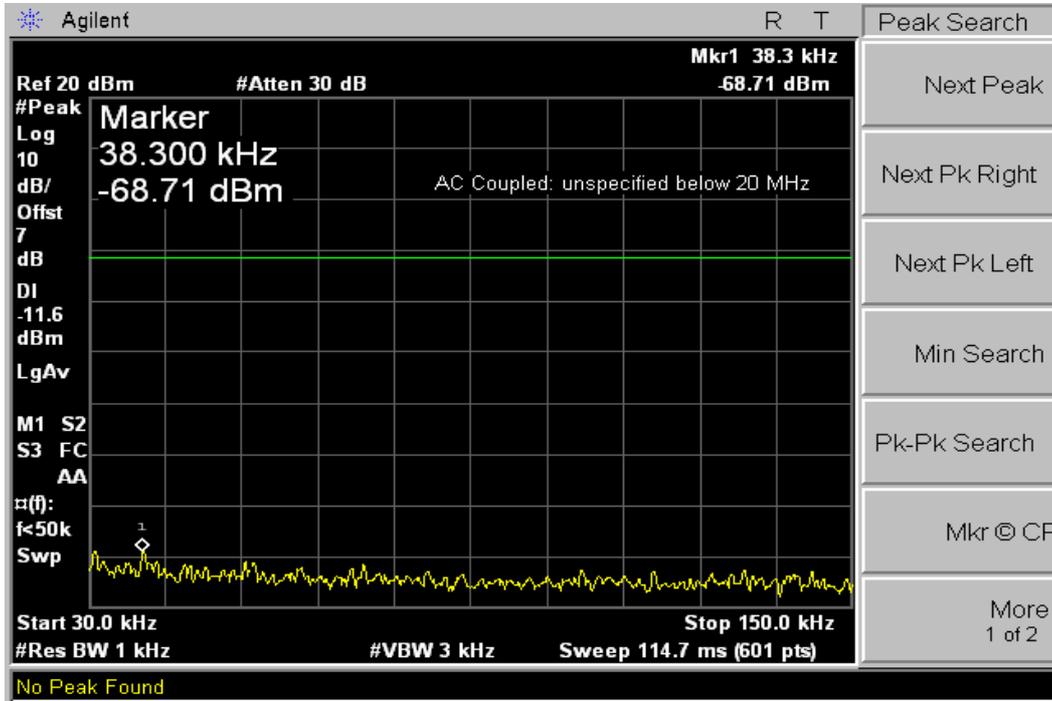


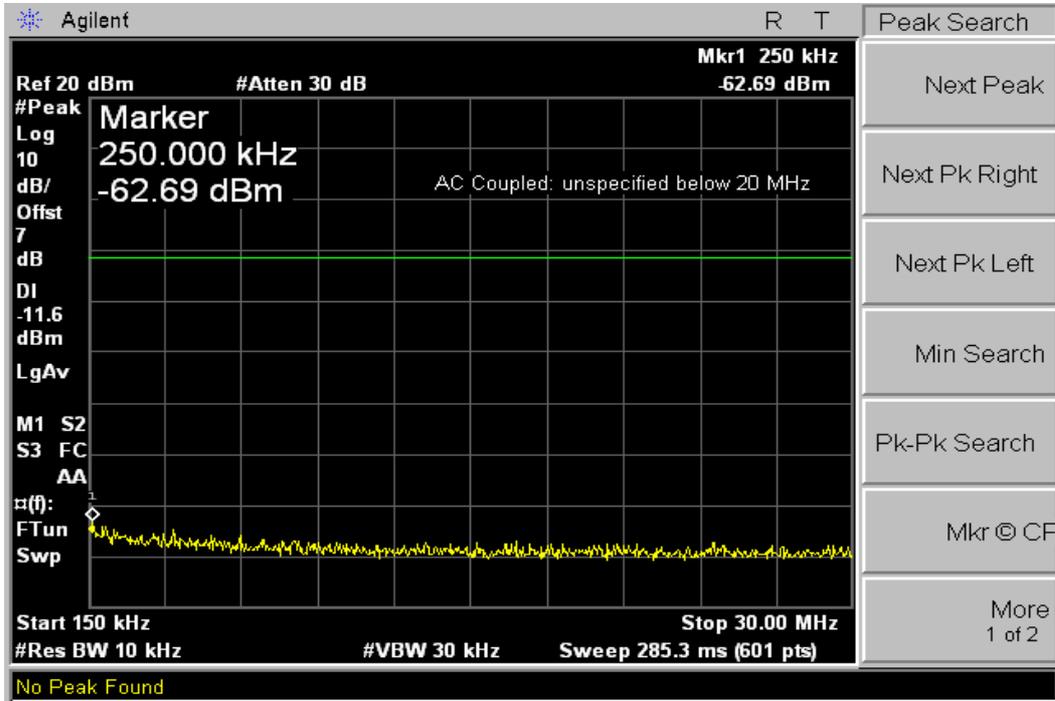


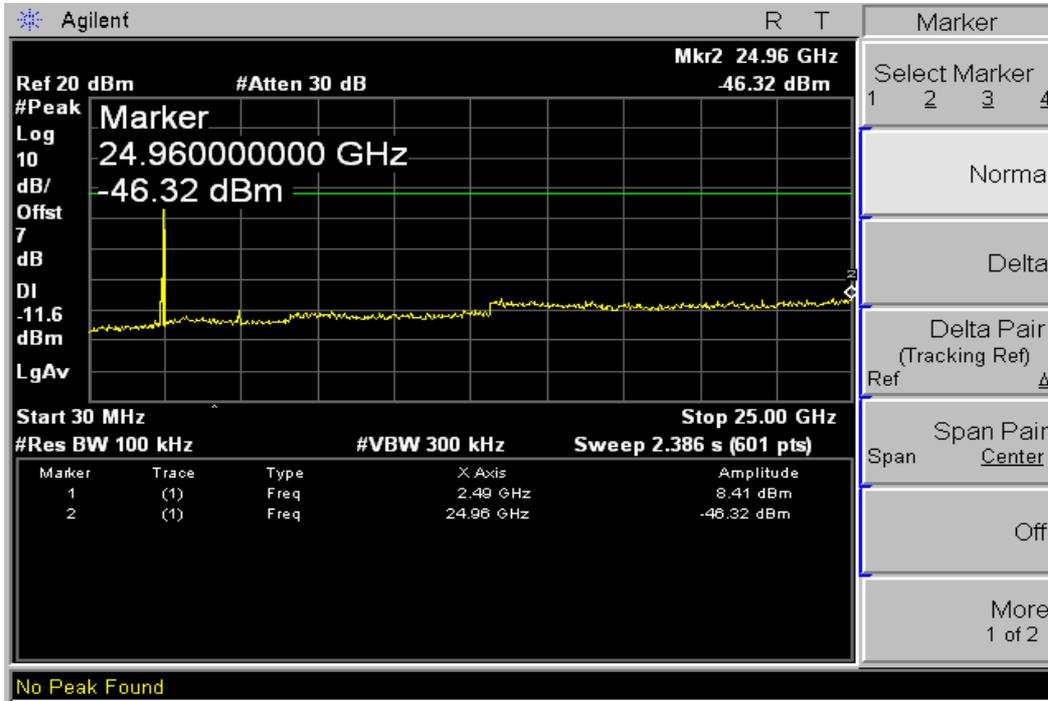




Channel 78









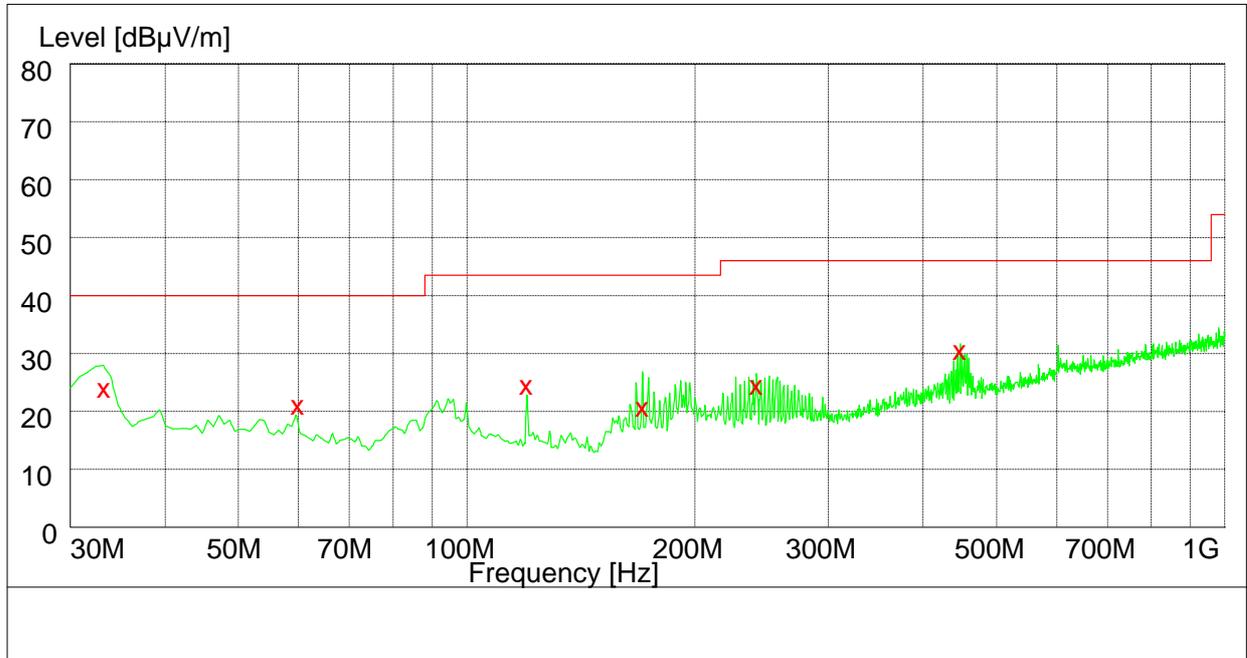
Appendix H

Radiated spurious emission

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



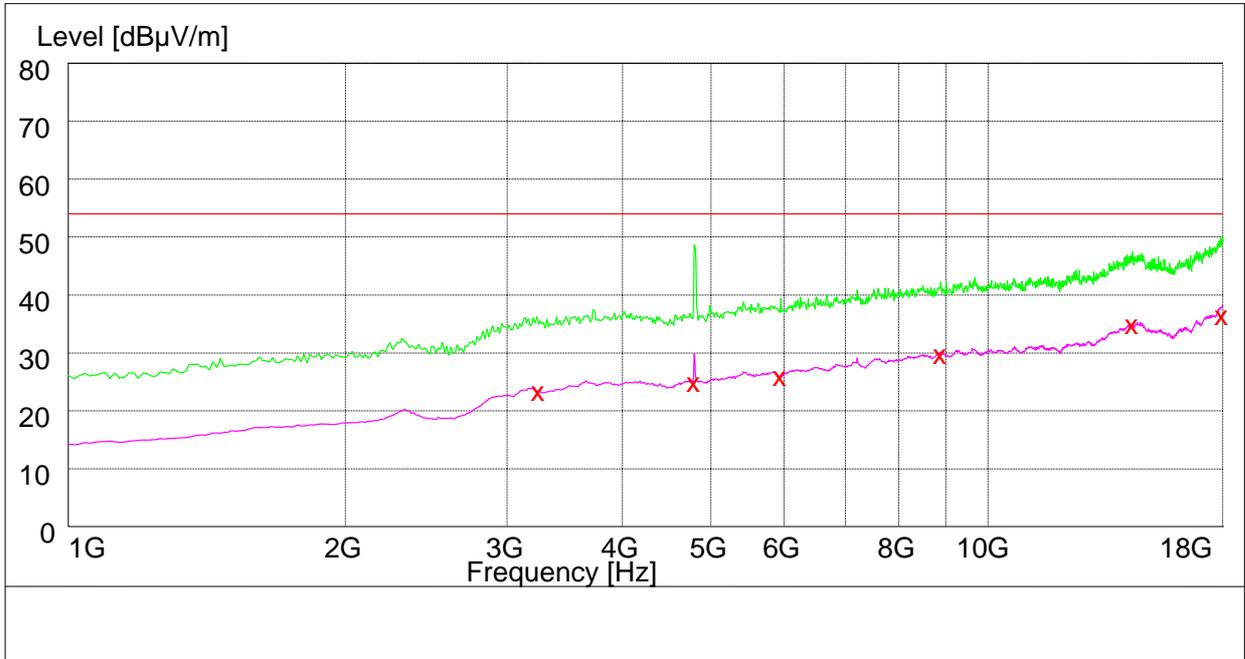
Channel 0 30MHz to 1GHz



Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Plarization
33.300000	23.90	11.7	40.0	16.1	102.0	137.00	HORIZONTAL
60.000000	20.80	12.3	40.0	19.2	125.0	283.00	HORIZONTAL
120.000000	25.30	10.6	43.5	18.2	104.0	236.00	HORIZONTAL
170.760000	20.60	10.1	43.5	22.9	100.0	102.00	HORIZONTAL
241.380000	24.30	14.0	46.0	21.7	126.0	253.00	VERTICAL
447.540000	30.40	18.9	46.0	15.6	100.0	232.00	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
3248.000000	23.20	-8.2	54.0	30.8	185.0	158.00	VERTICAL
4795.500000	24.60	-4.1	54.0	29.4	180.0	357.00	VERTICAL
5944.500000	25.70	-1.7	54.0	28.3	103.0	357.00	VERTICAL
8889.000000	29.60	3.9	54.0	24.4	155.0	264.00	VERTICAL
14352.000000	34.60	11.9	54.0	19.4	200.0	315.00	VERTICAL
17972.000000	37.60	17.1	54.0	16.4	191.0	194.00	VERTICAL

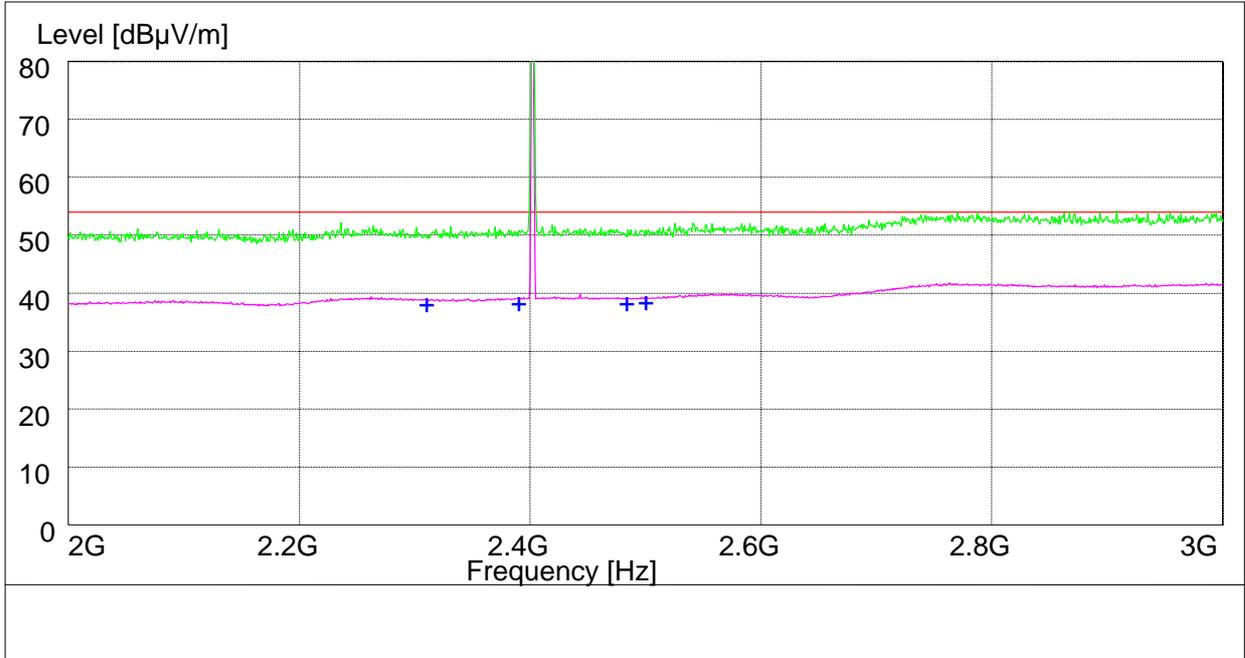


18GHz to 26GHz

Note: No peak found in pre- test.



2GHz to 3GHz

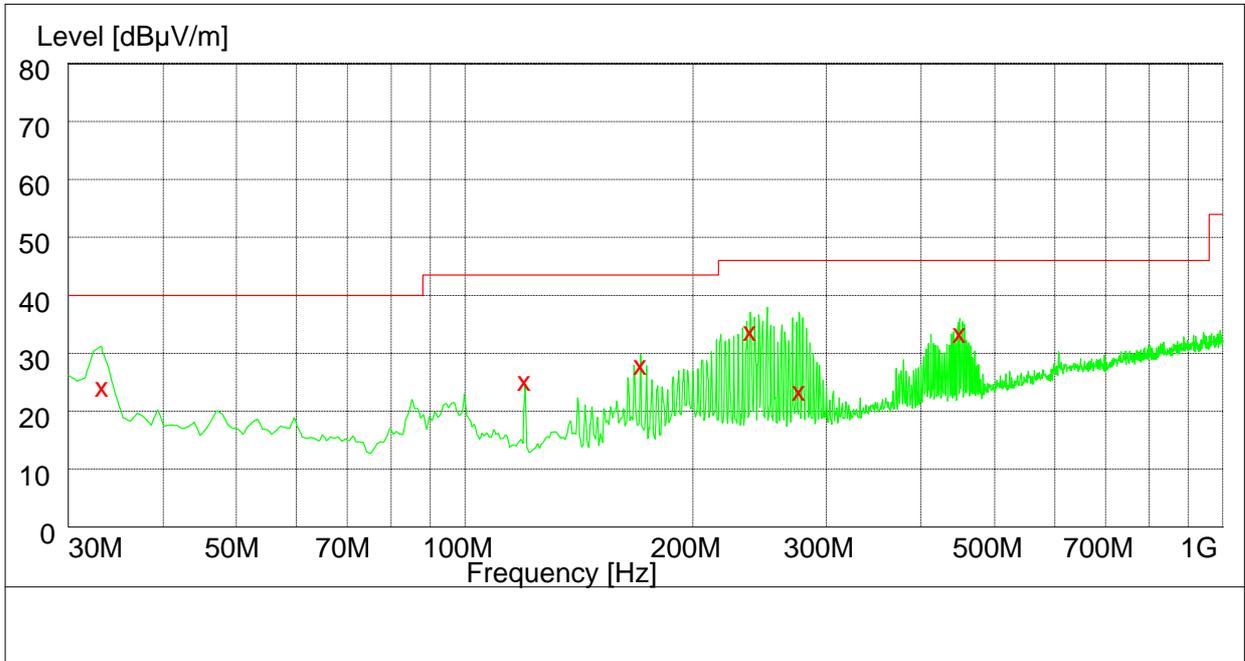


Note: The highest peak exceeds the limit line is carrier frequency.

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2310.000000	38.30	33.3	54.0	15.7	100.0	67.00	VERTICAL
2390.000000	38.50	33.5	54.0	15.5	121.0	340.00	VERTICAL
2483.500000	38.40	33.7	54.0	15.6	145.0	133.00	HORIZONTAL
2500.000000	38.70	33.8	54.0	15.3	100.0	44.00	VERTICAL



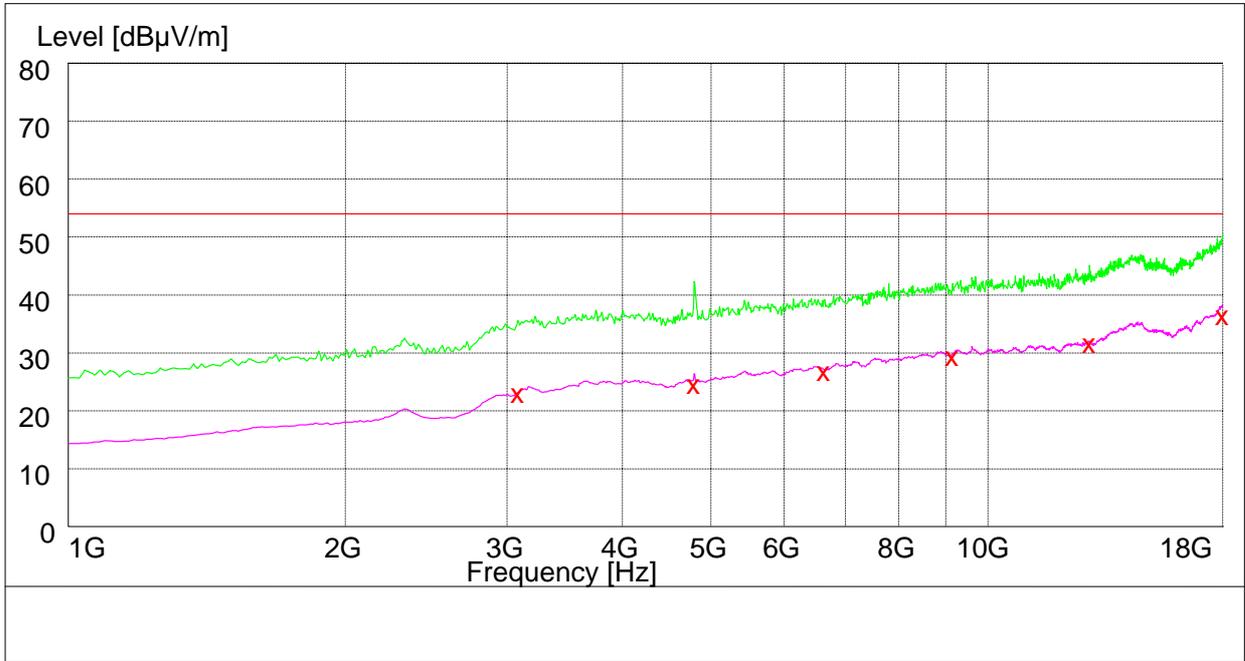
Channel 40 30MHz to 1GHz



Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
33.300000	24.30	11.7	40.0	15.7	100.0	144.00	HORIZONTAL
120.000000	25.30	10.6	43.5	18.2	100.0	243.00	HORIZONTAL
170.760000	28.00	10.1	43.5	15.5	100.0	115.00	HORIZONTAL
238.440000	34.00	14.0	46.0	12.0	113.0	244.00	VERTICAL
276.480000	23.70	14.9	46.0	22.3	140.0	248.00	VERTICAL
450.300000	33.60	18.9	46.0	12.4	100.0	211.00	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
3085.500000	23.20	-8.8	54.0	30.8	198.0	41.00	VERTICAL
4790.000000	24.70	-4.1	54.0	29.3	165.0	0.00	HORIZONTAL
6636.000000	26.80	-0.8	54.0	27.2	105.0	349.00	HORIZONTAL
9147.500000	29.50	4.4	54.0	24.5	161.0	1.00	VERTICAL
12900.500000	31.70	8.7	54.0	22.3	125.0	213.00	VERTICAL
17999.000000	37.60	17.3	54.0	16.4	149.0	114.00	VERTICAL

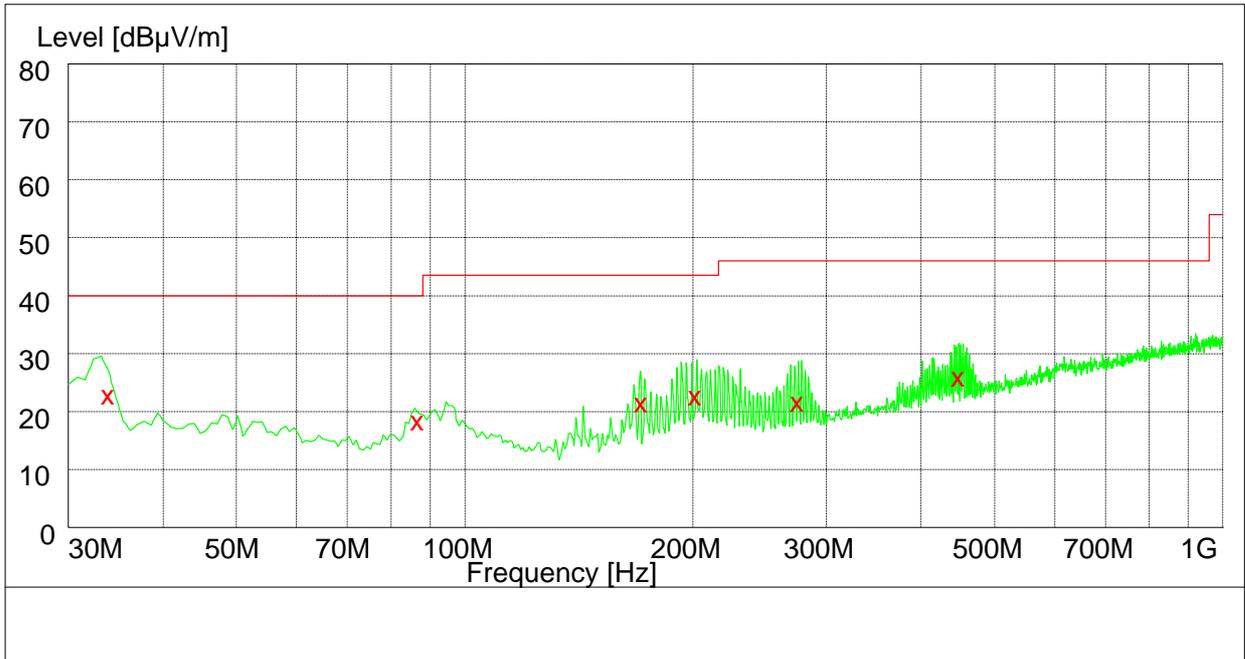


18GHz to 26GHz

Note: No peak found in pre- test.



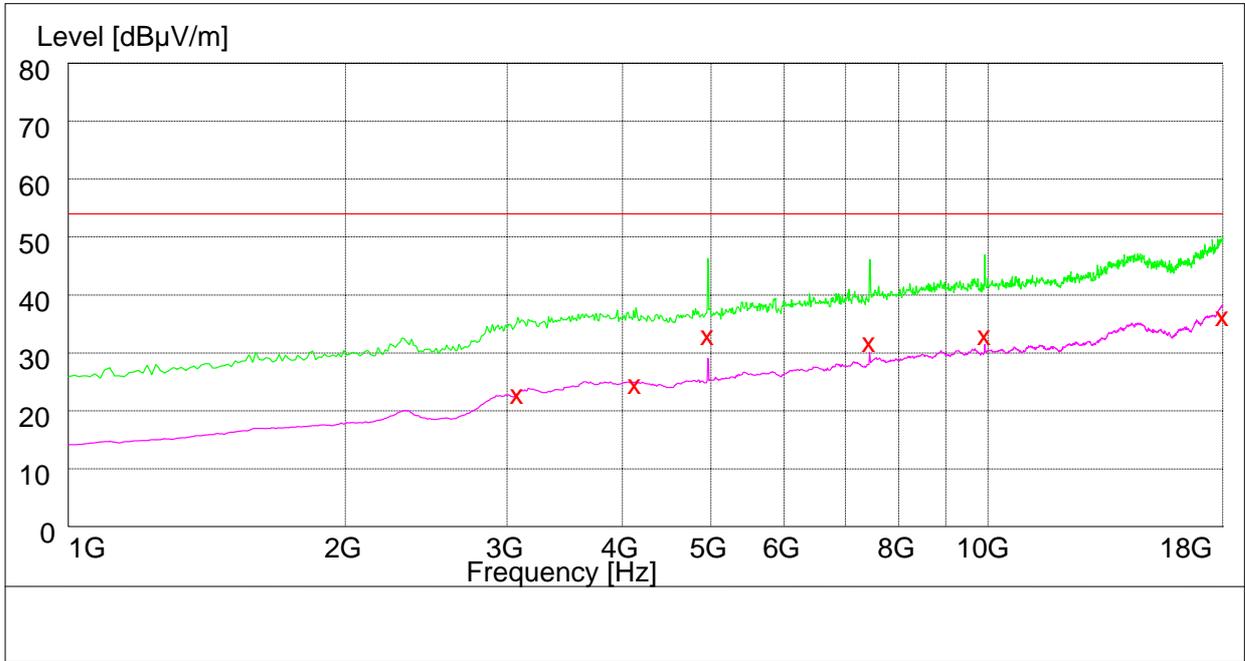
Channel 78 30MHz to 1GHz



Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
33.900000	23.10	11.7	40.0	16.9	100.0	217.00	HORIZONTAL
86.760000	18.60	10.7	40.0	21.4	122.0	360.00	HORIZONTAL
171.120000	21.50	10.1	43.5	22.0	100.0	80.00	HORIZONTAL
201.420000	22.70	12.1	43.5	20.8	164.0	271.00	VERTICAL
274.860000	21.70	14.8	46.0	24.3	100.0	226.00	VERTICAL
448.200000	26.10	18.9	46.0	19.9	107.0	360.00	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
3079.500000	23.00	-8.9	54.0	31.0	100.0	312.00	HORIZONTAL
4136.500000	24.60	-5.7	54.0	29.4	199.0	343.00	HORIZONTAL
4960.500000	33.20	-3.8	54.0	20.8	115.0	77.00	HORIZONTAL
7439.500000	31.90	1.2	54.0	22.1	100.0	338.00	HORIZONTAL
9920.000000	33.20	5.1	54.0	20.8	100.0	325.00	HORIZONTAL
17996.500000	37.40	17.3	54.0	16.6	177.0	164.00	VERTICAL

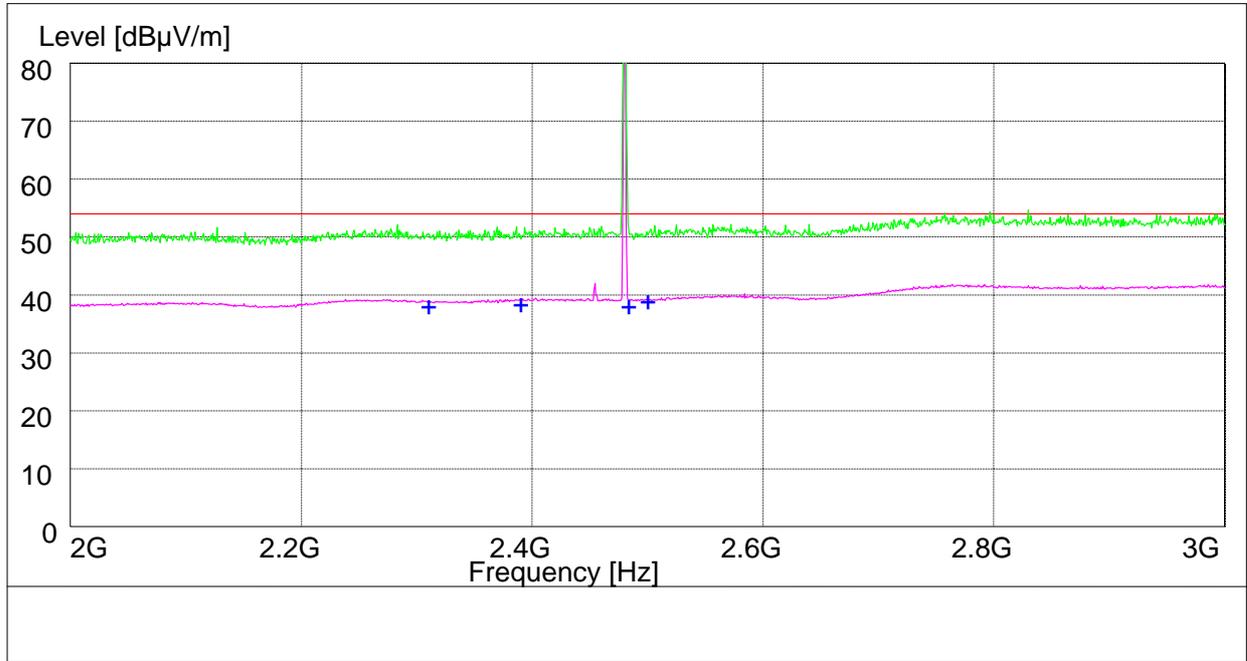


18GHz to 26GHz

Note: No peak found in pre- test.



2GHz to 3GHz



Note: The 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	38.30	33.2	54.0	15.7	120.0	186.00	VERTICAL
2390.000000	38.60	33.5	54.0	15.4	167.0	87.00	HORIZONTAL
2483.500000	38.30	33.7	54.0	15.7	121.0	320.00	VERTICAL
2500.000000	39.10	33.7	54.0	14.9	105.0	113.00	VERTICAL



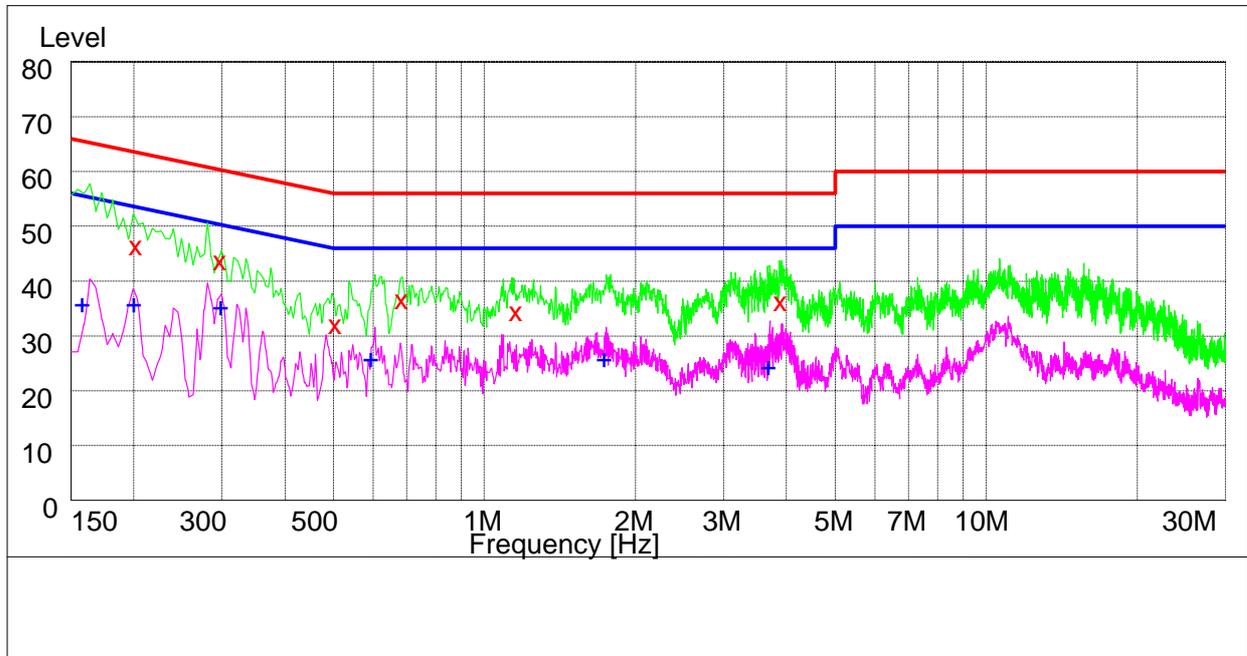
Appendix I

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
0.202000	46.60	10.1	64	17.4	L1	FLO
0.298000	44.00	10.0	60	16.0	N	FLO
0.506000	32.40	10.1	56	23.6	N	FLO
0.686000	36.90	10.1	56	19.1	N	FLO
1.158000	34.70	10.1	56	21.3	N	FLO
3.904000	36.50	10.2	56	19.5	L1	FLO

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Line	PE
0.158000	37.20	10.1	56	18.8	N	FLO
0.200000	37.30	10.1	56	18.7	N	FLO
0.298000	36.60	10.0	50	13.4	N	FLO
0.594000	27.20	10.1	46	18.8	N	FLO
1.732000	27.20	10.1	46	18.8	L1	FLO
3.684000	25.80	10.2	46	20.2	L1	FLO