



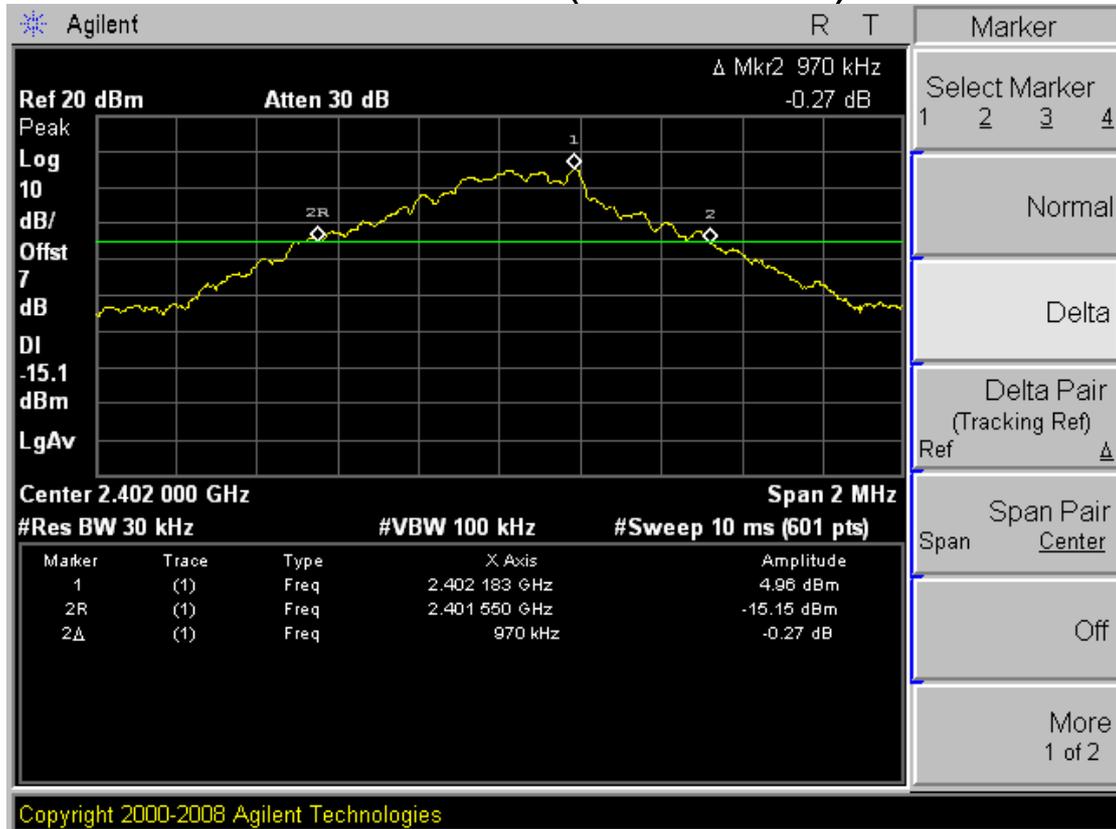
Appendix A

20dB bandwidth measurement

According to FCC Part 15.247 (a) (1)

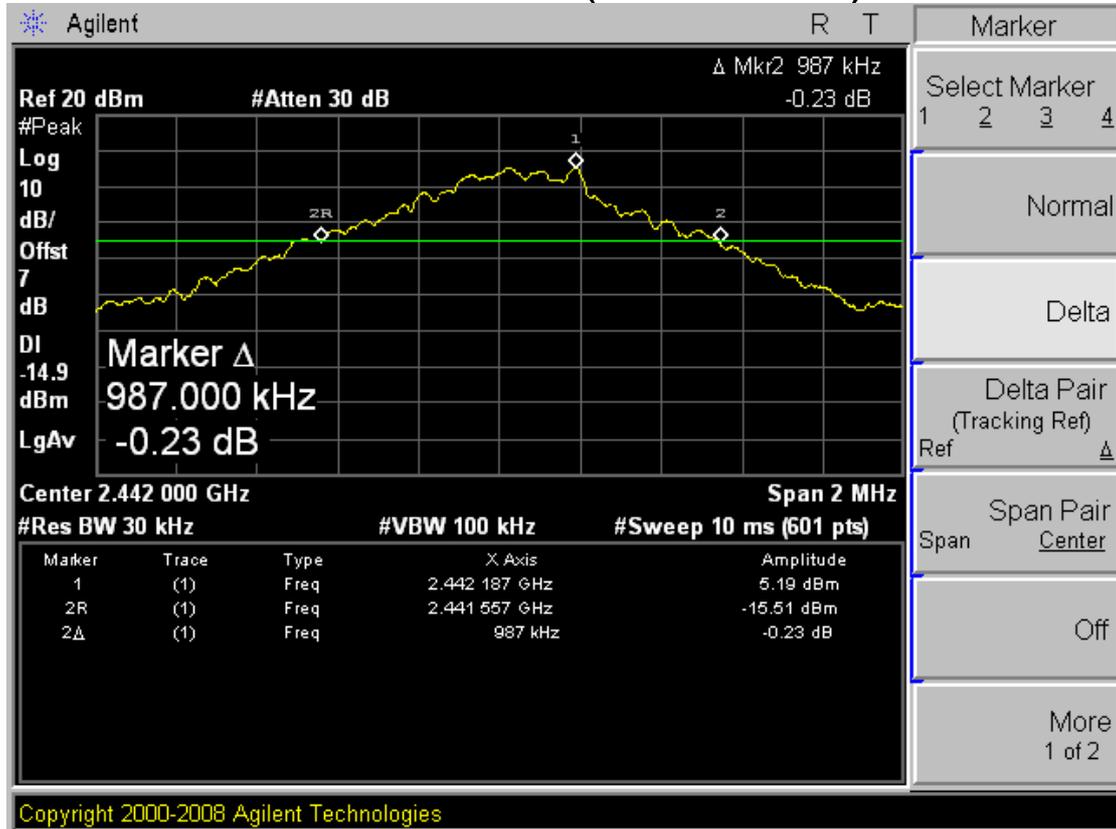


Channel 0 (2402MHz)



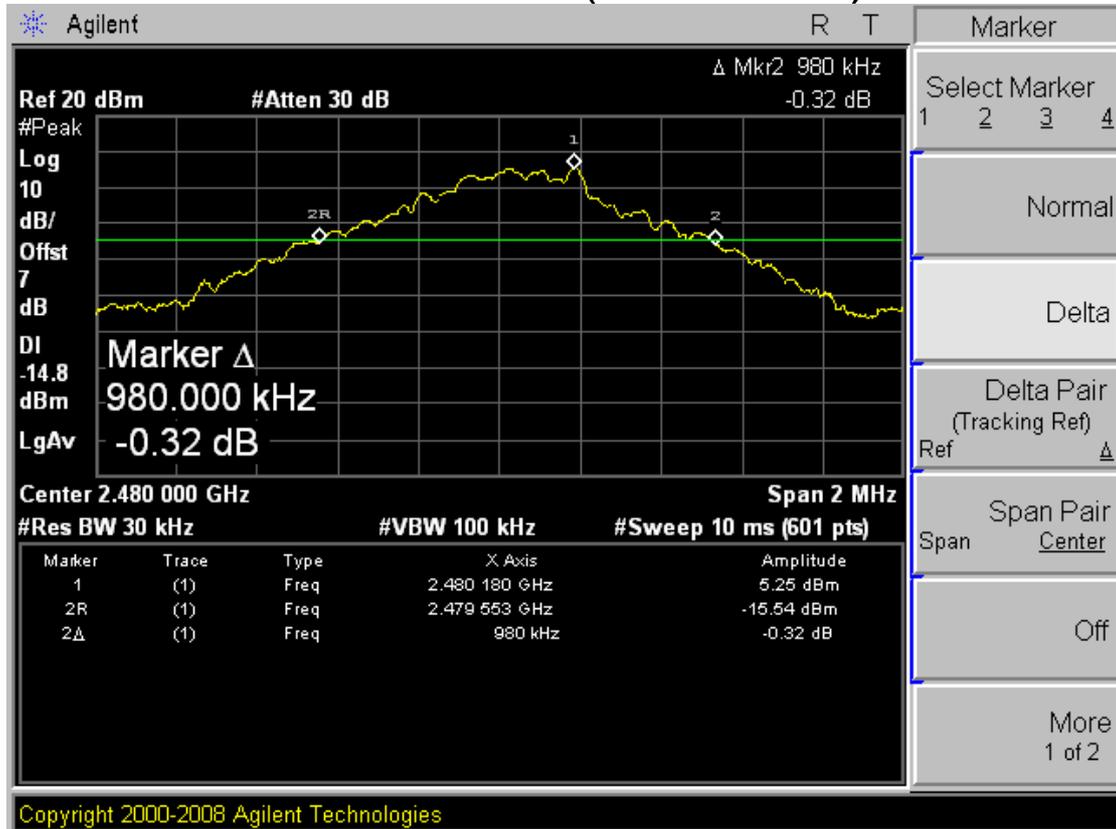


Channel 40 (2442MHz)





Channel 78 (2480MHz)





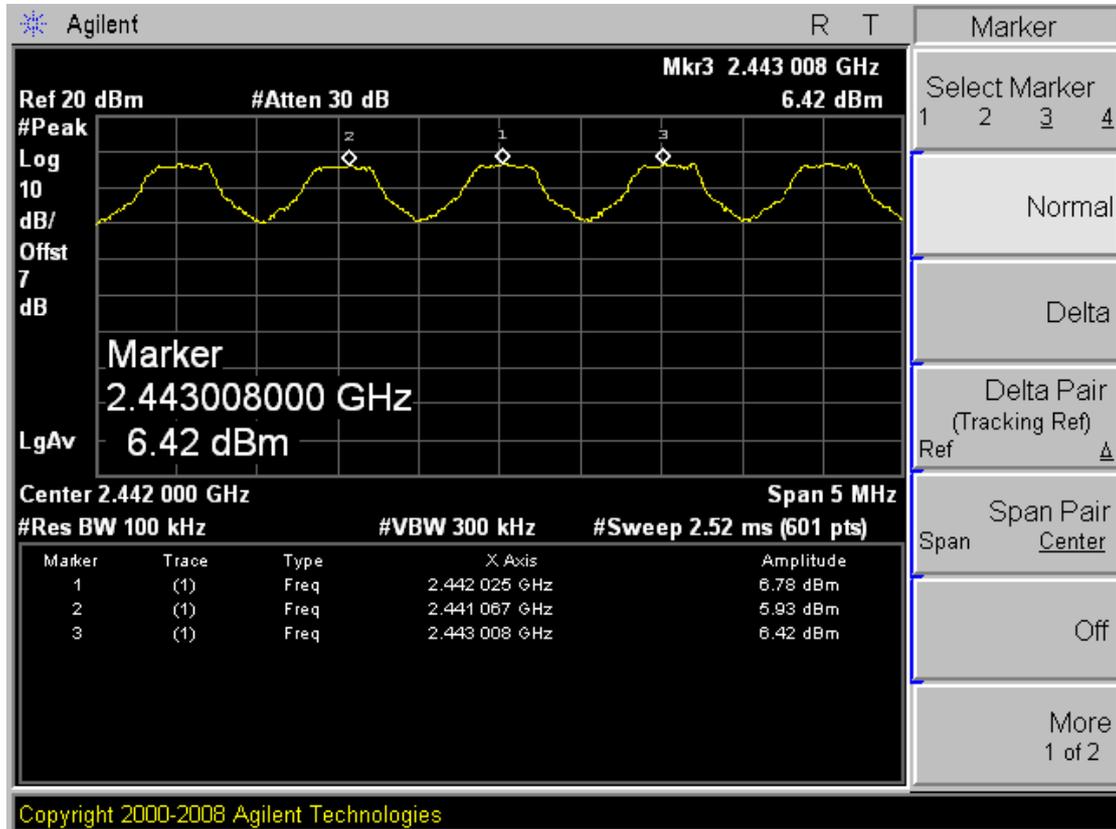
Appendix B

Carrier frequency separation measurement

According to FCC Part 15.247 (a) (1)



Centred at Channel 40





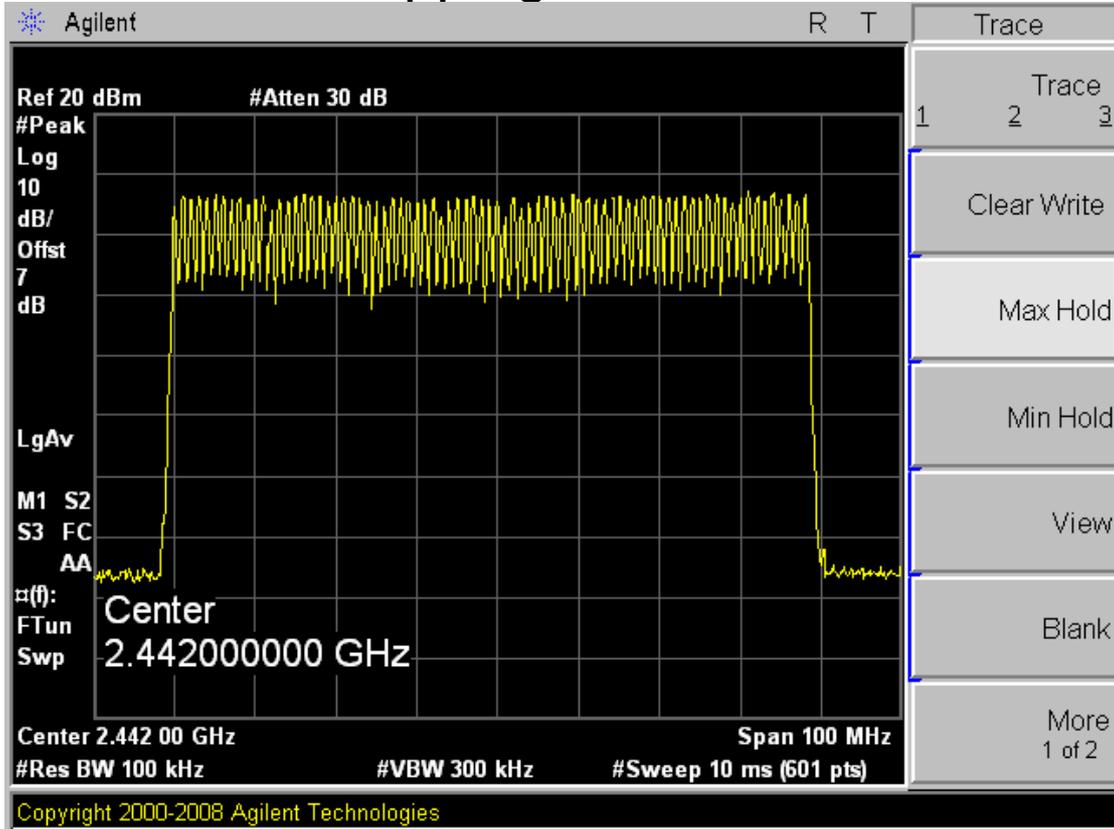
Appendix C

Number of hopping channel

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



Total hopping channels = 79





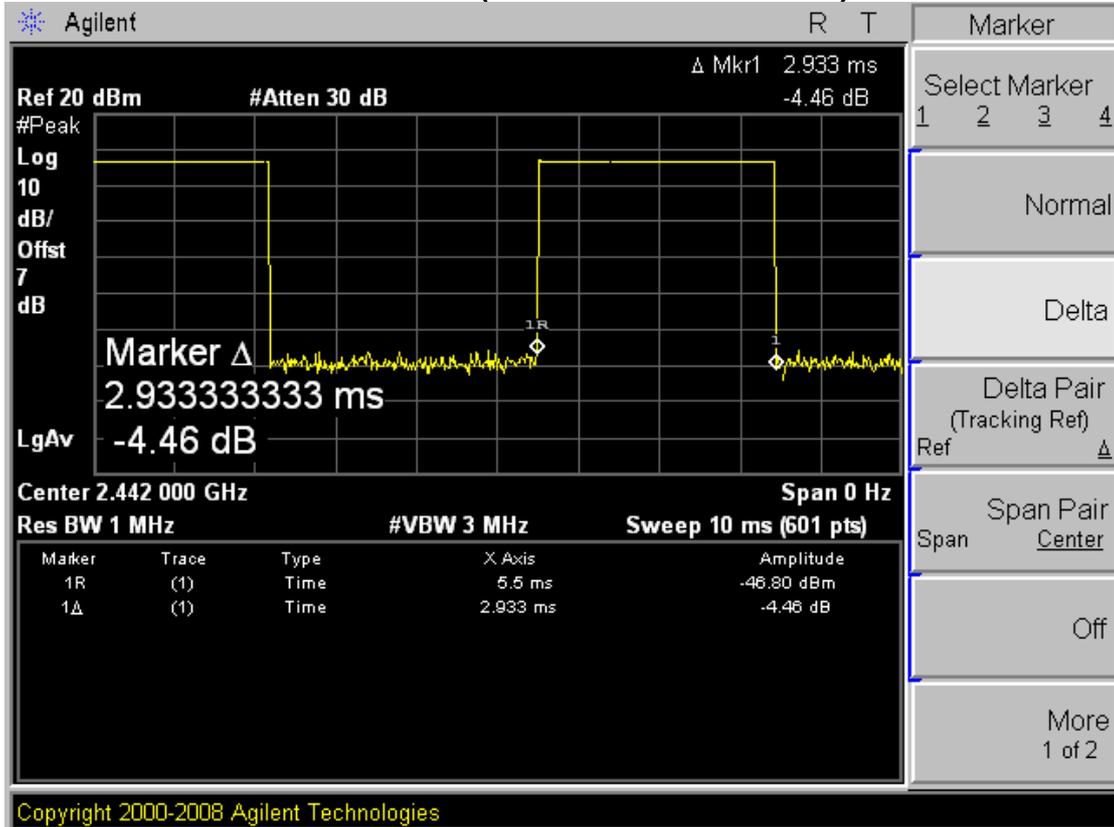
Appendix D

Time of occupancy

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

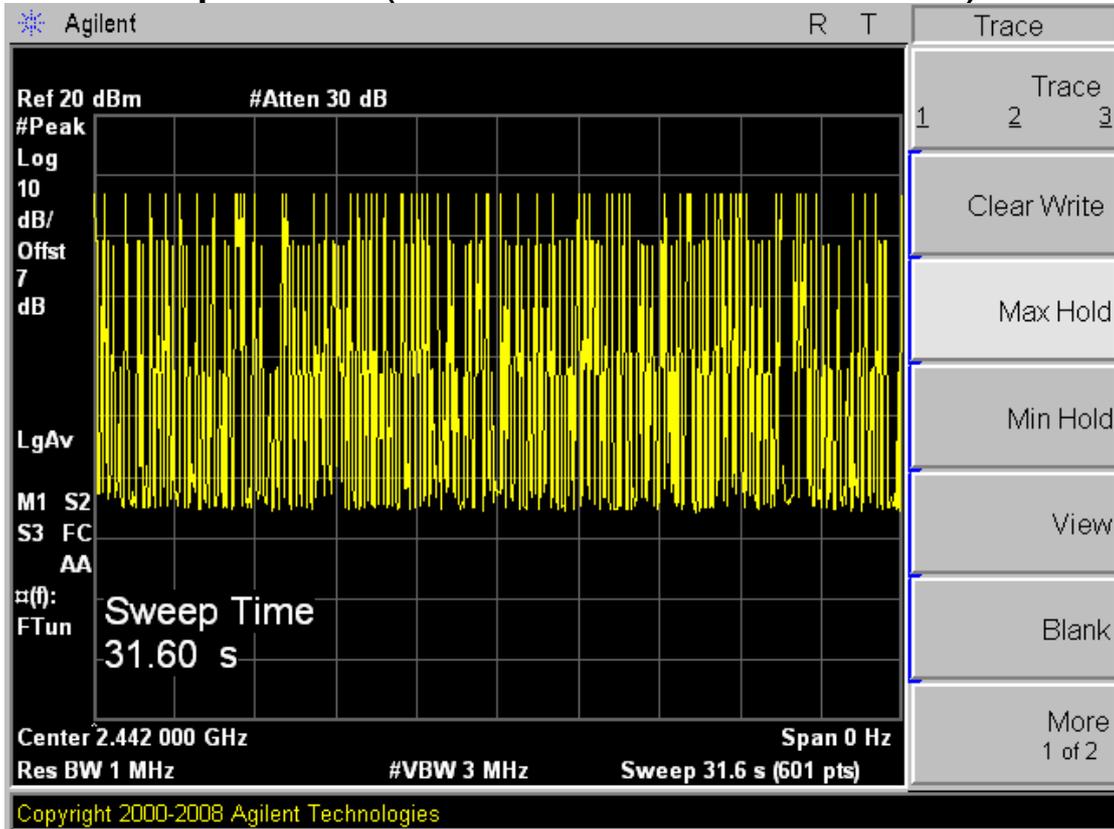


A burst (One time slot)





A period (Less than 106.7 burst)





Appendix E

Peak output power

According to FCC Part 15.247 (b) (1)

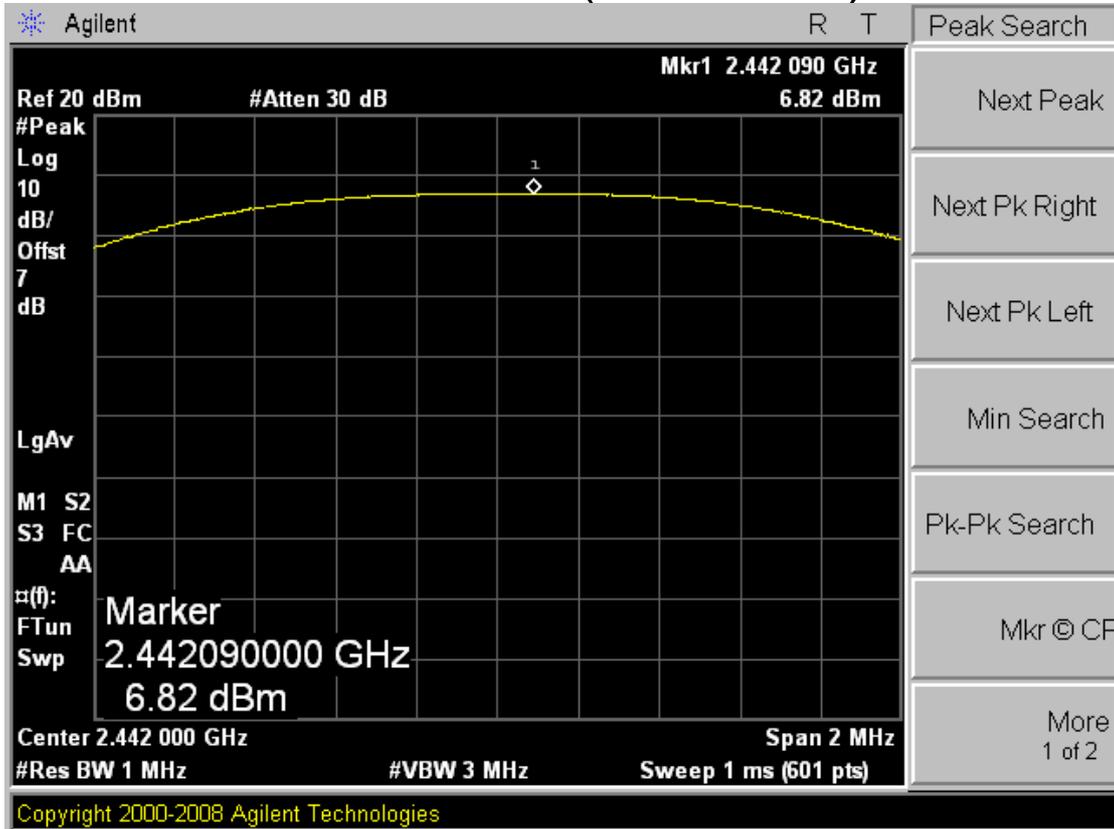


Channel 0 (2402MHz)



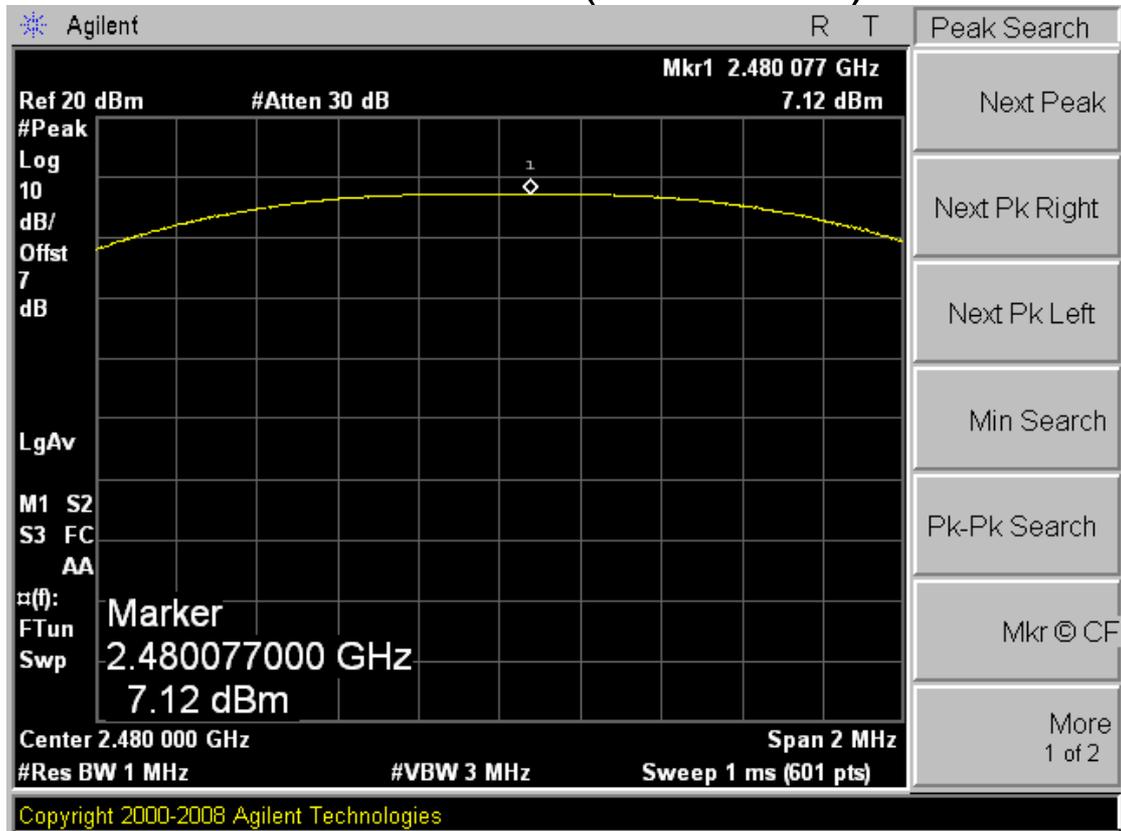


Channel 40 (2442MHz)





Channel 78 (2480MHz)





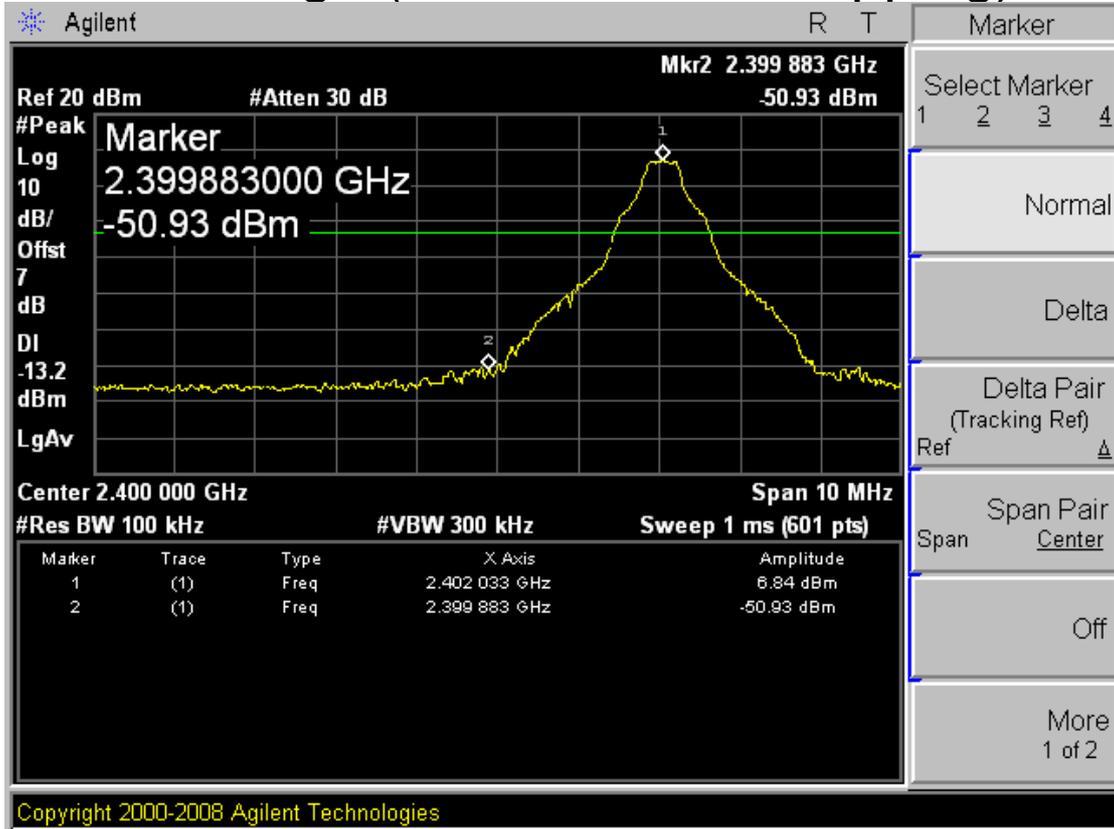
Appendix F

Band edge spurious emission

According to FCC Part 15.247 (d)

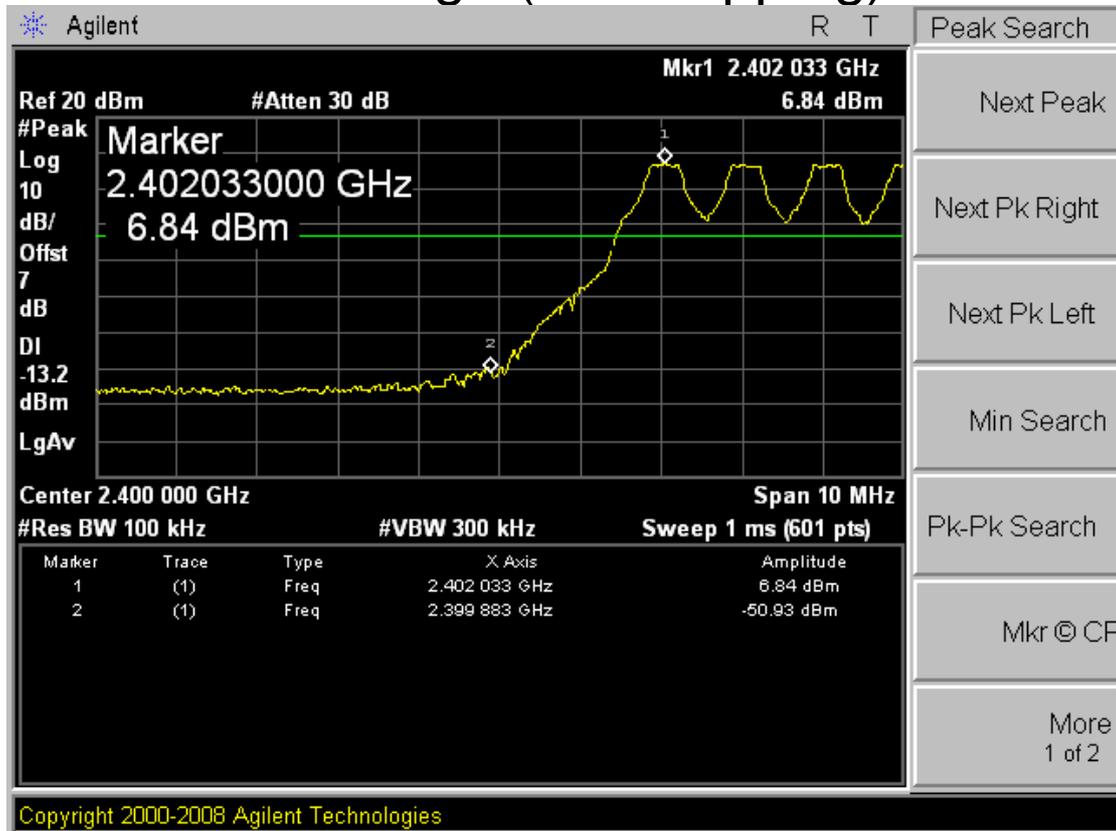


Low edge (Channel 0, no hopping)



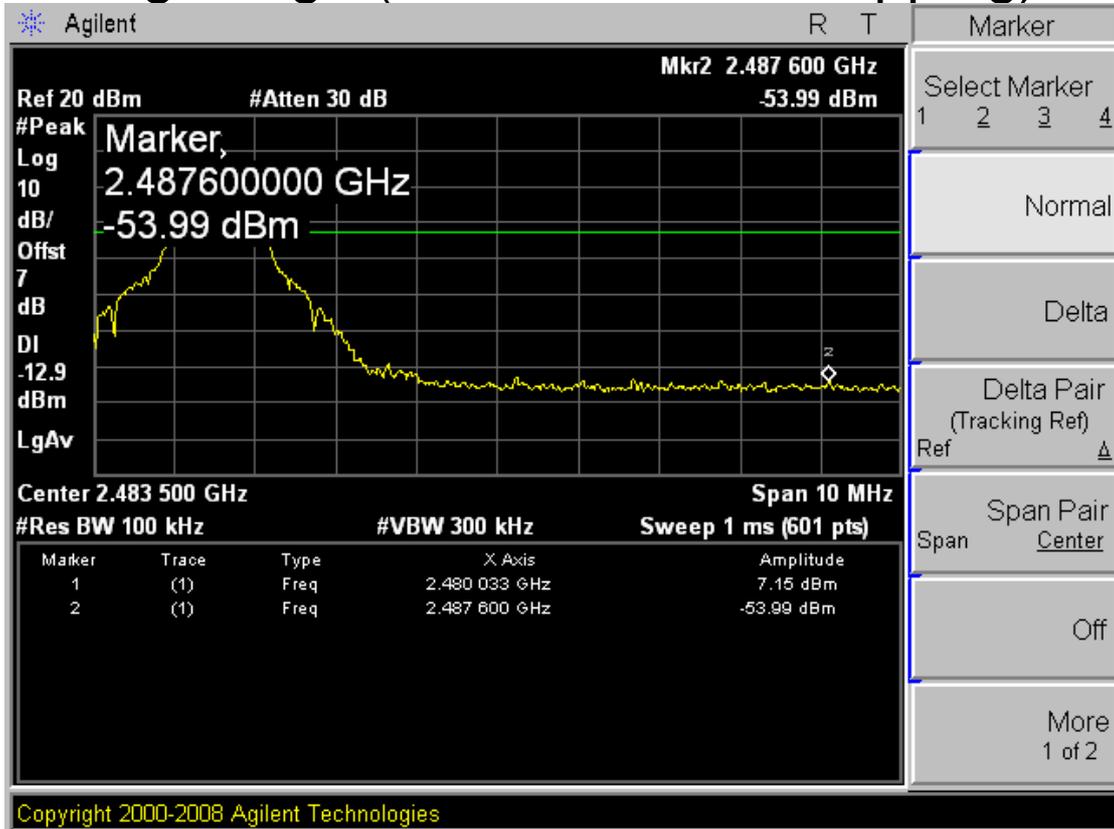


Low edge (with hopping)



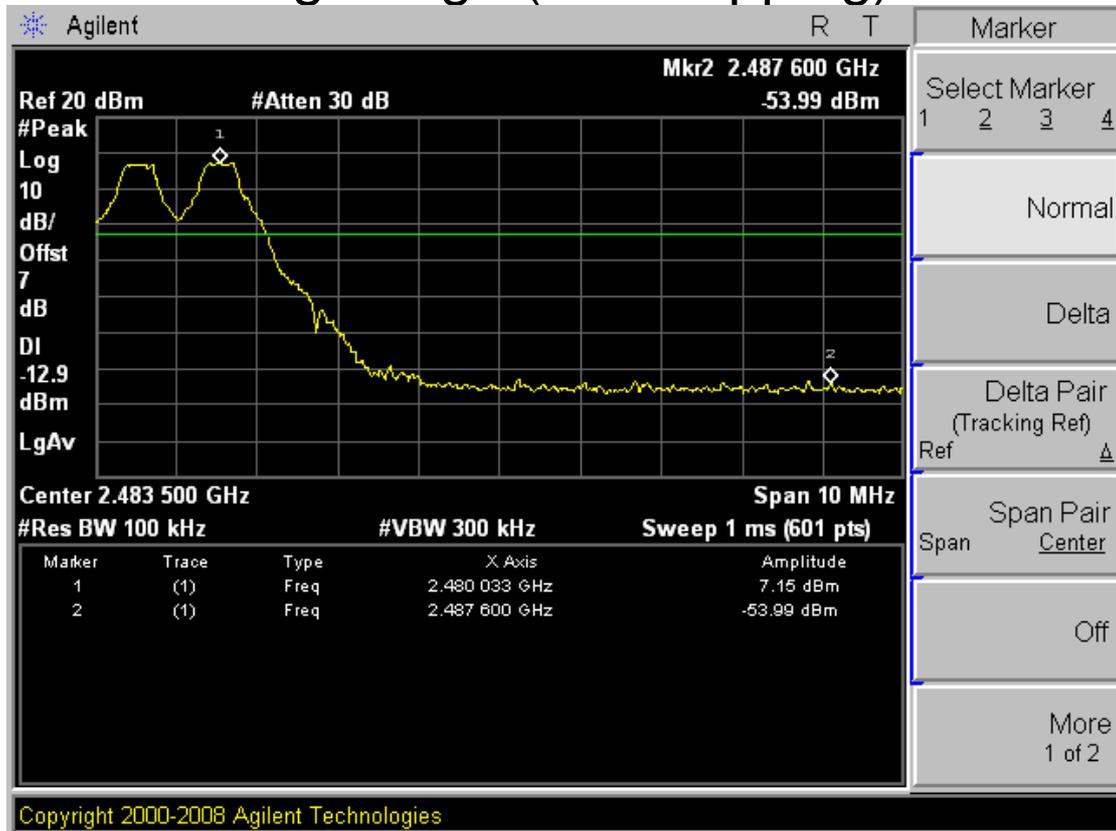


High edge (Channel 78, no hopping)





High edge (with hopping)





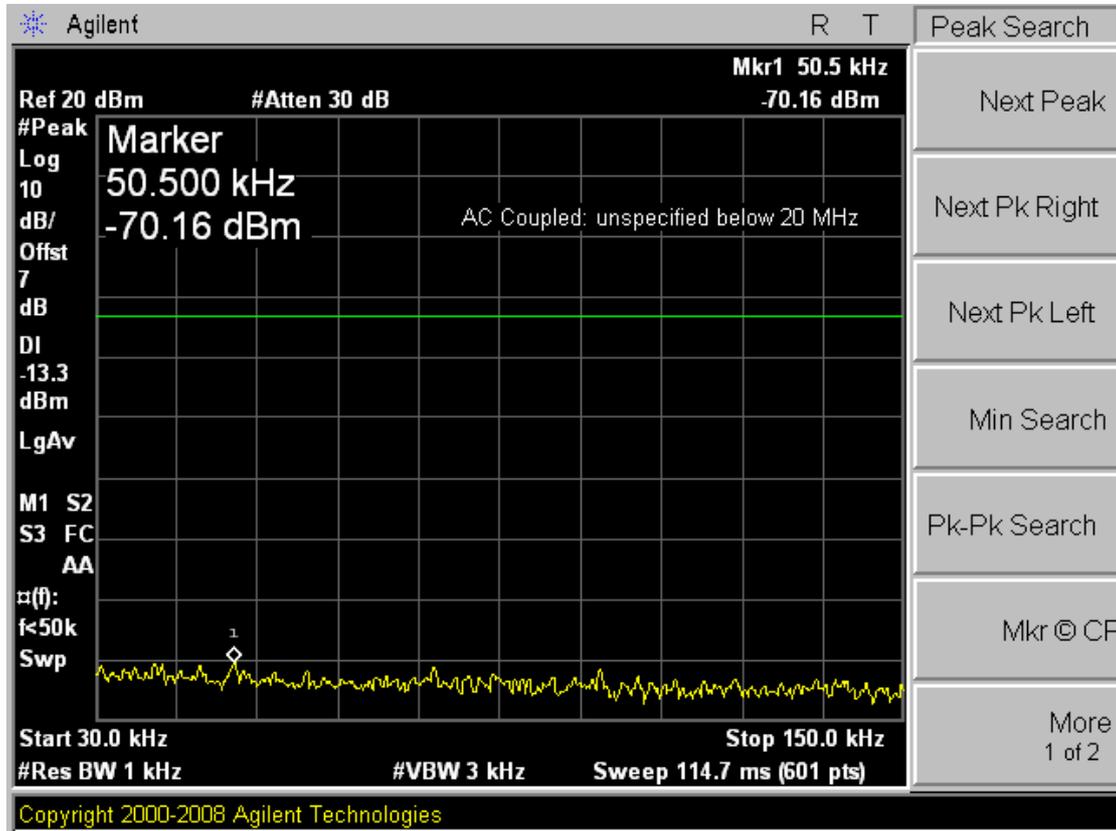
Appendix G

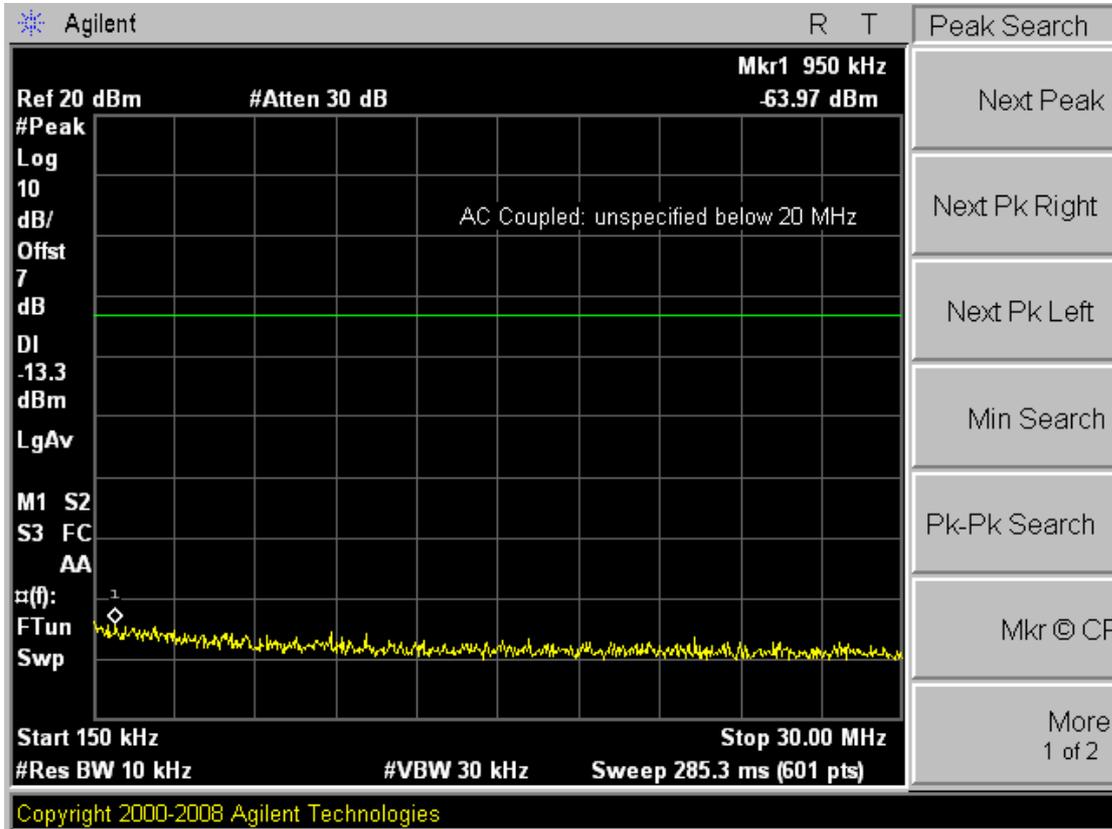
Conducted RF spurious

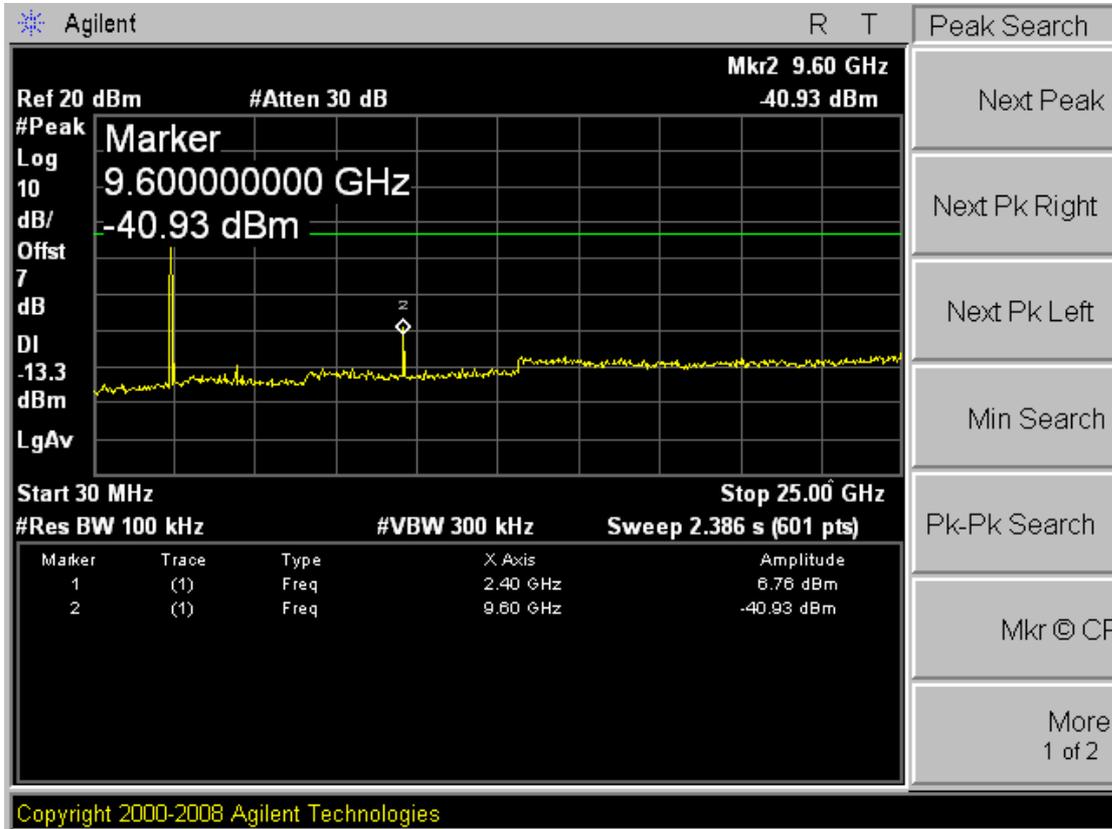
According to FCC Part 15.247 (d)



Channel 0

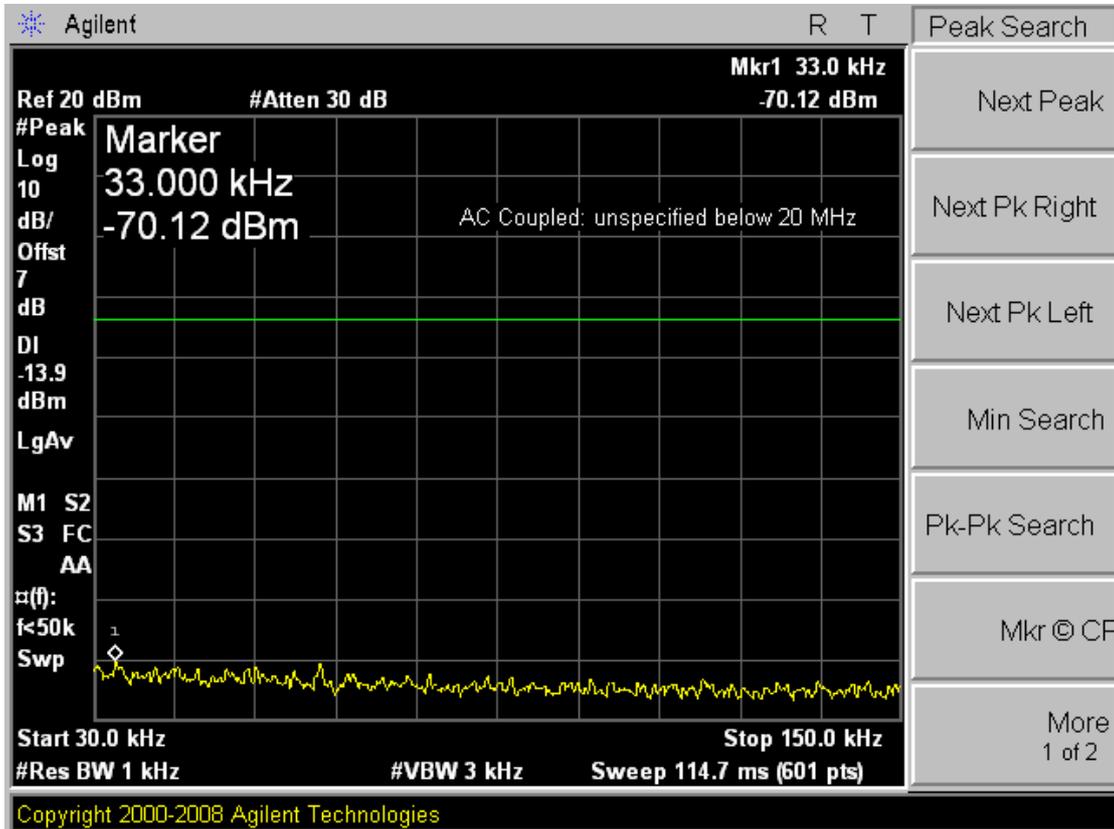


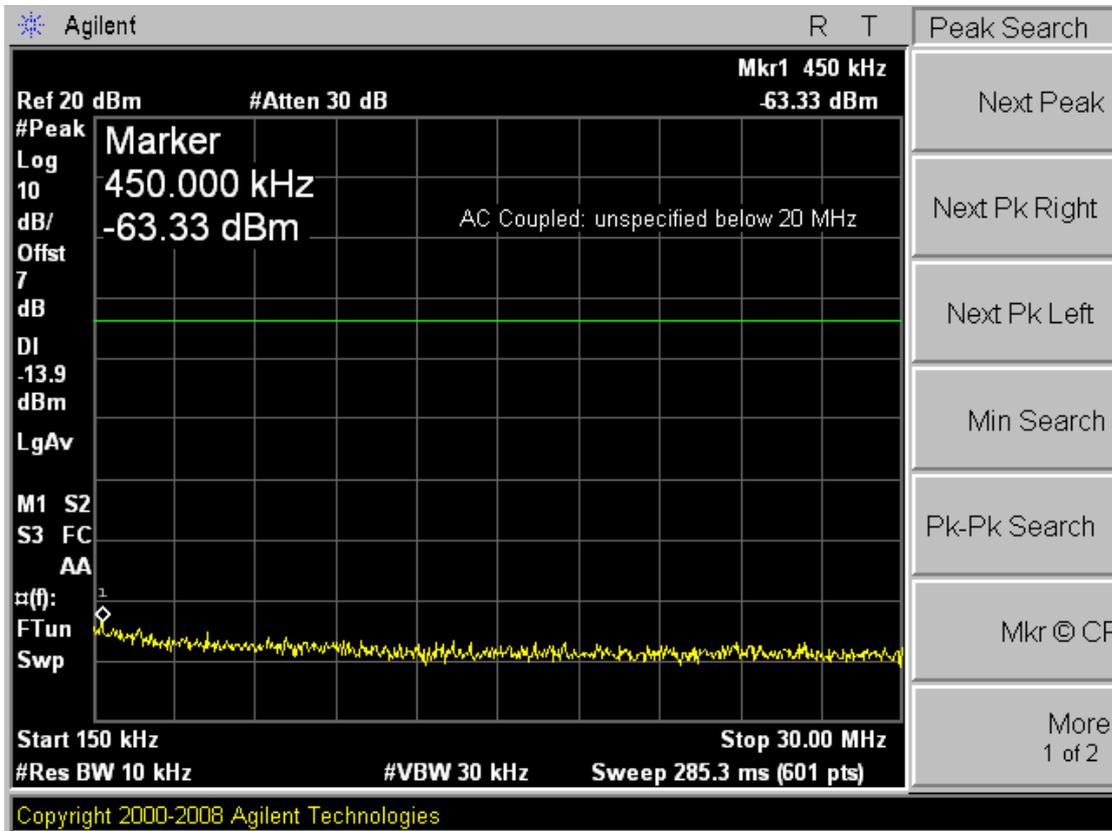


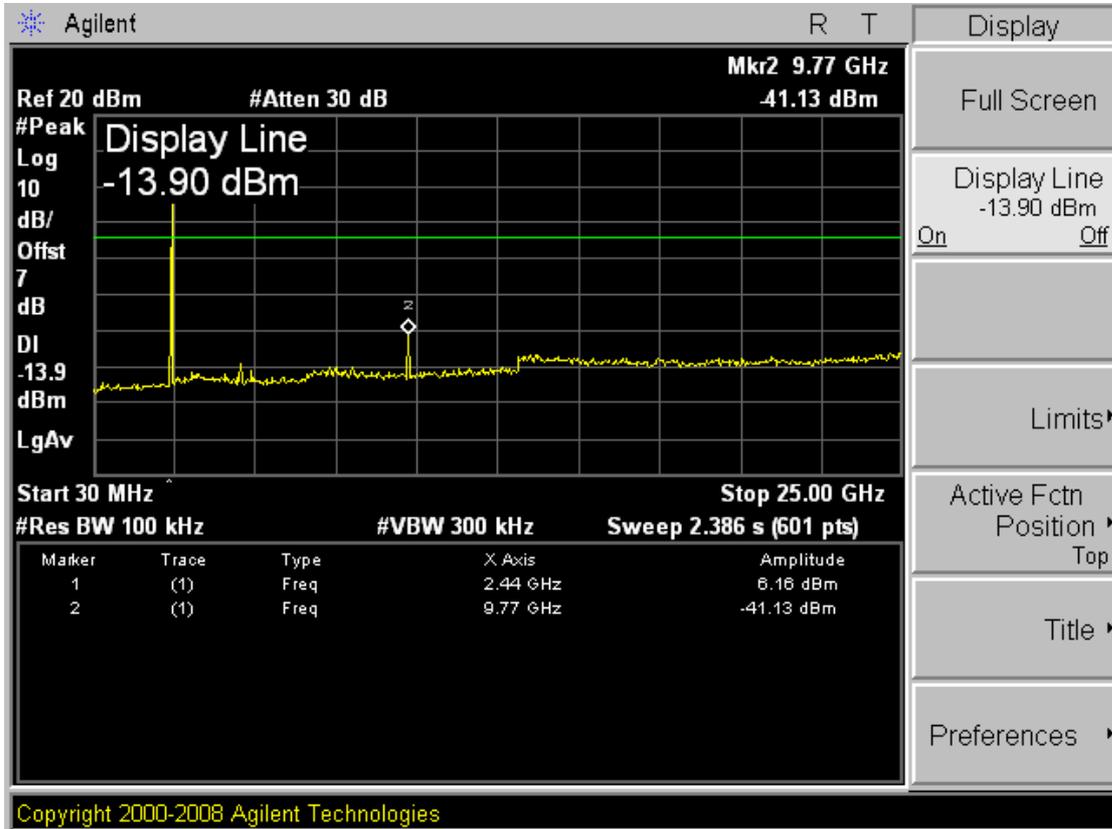


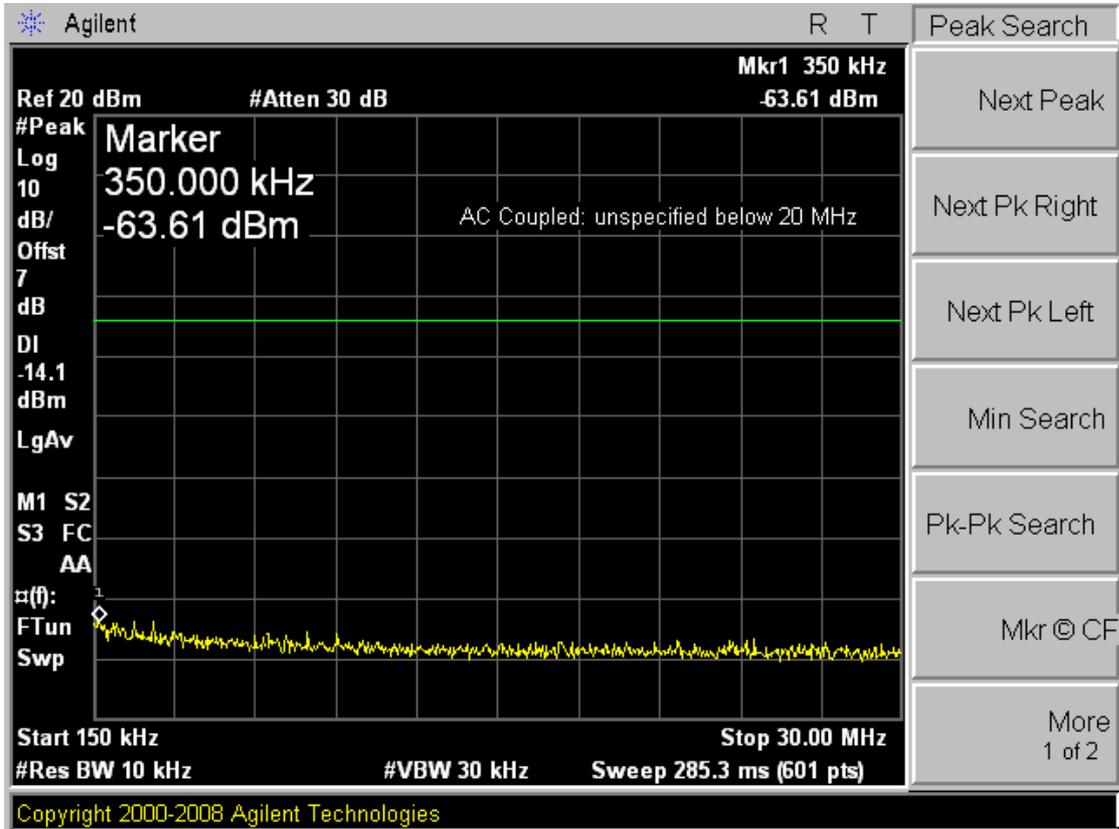


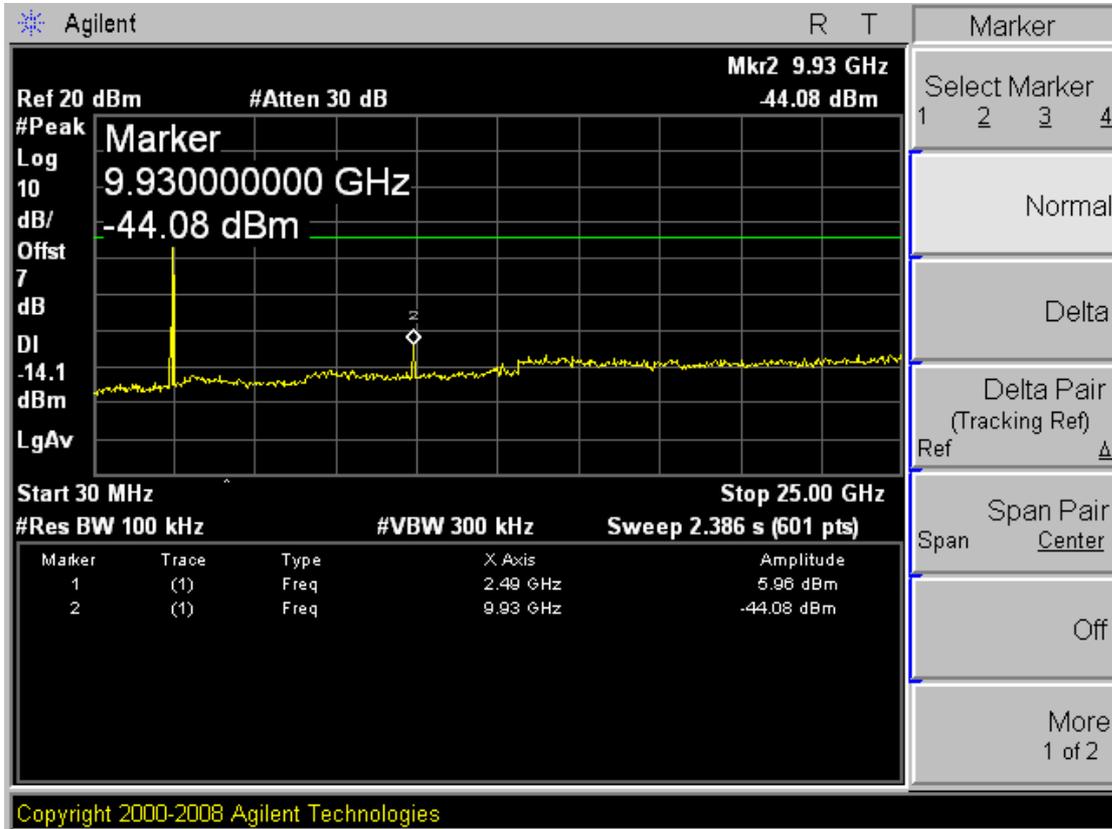
Channel 40













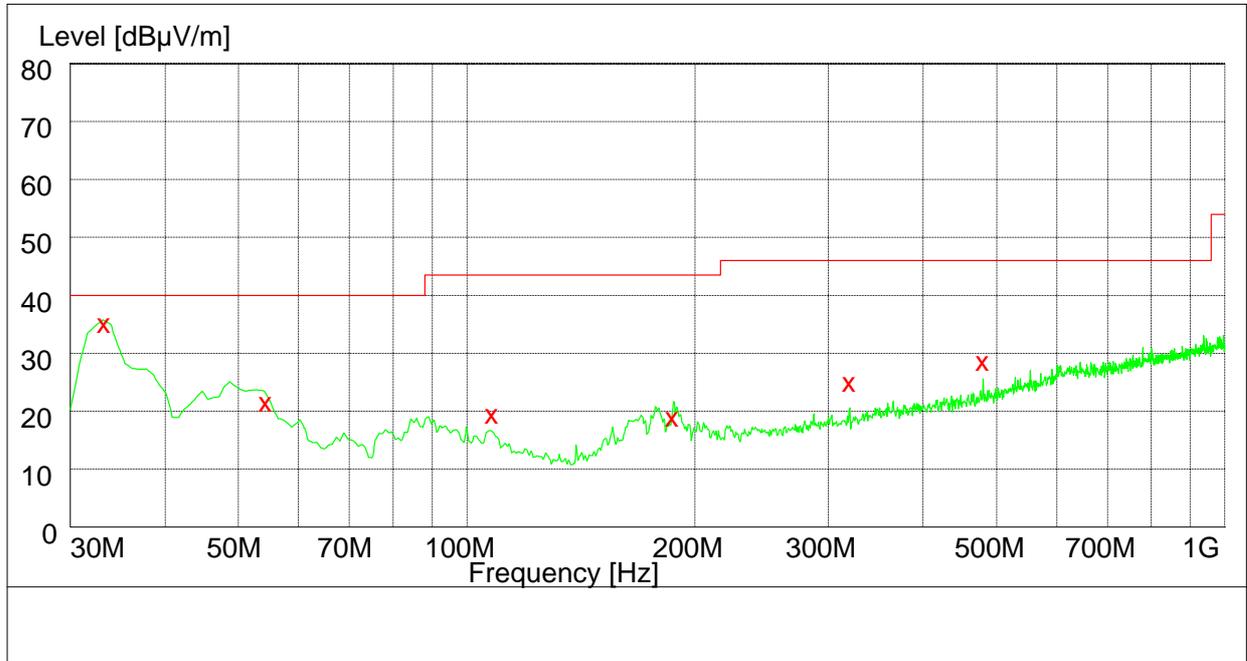
Appendix H

Radiated spurious emission

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



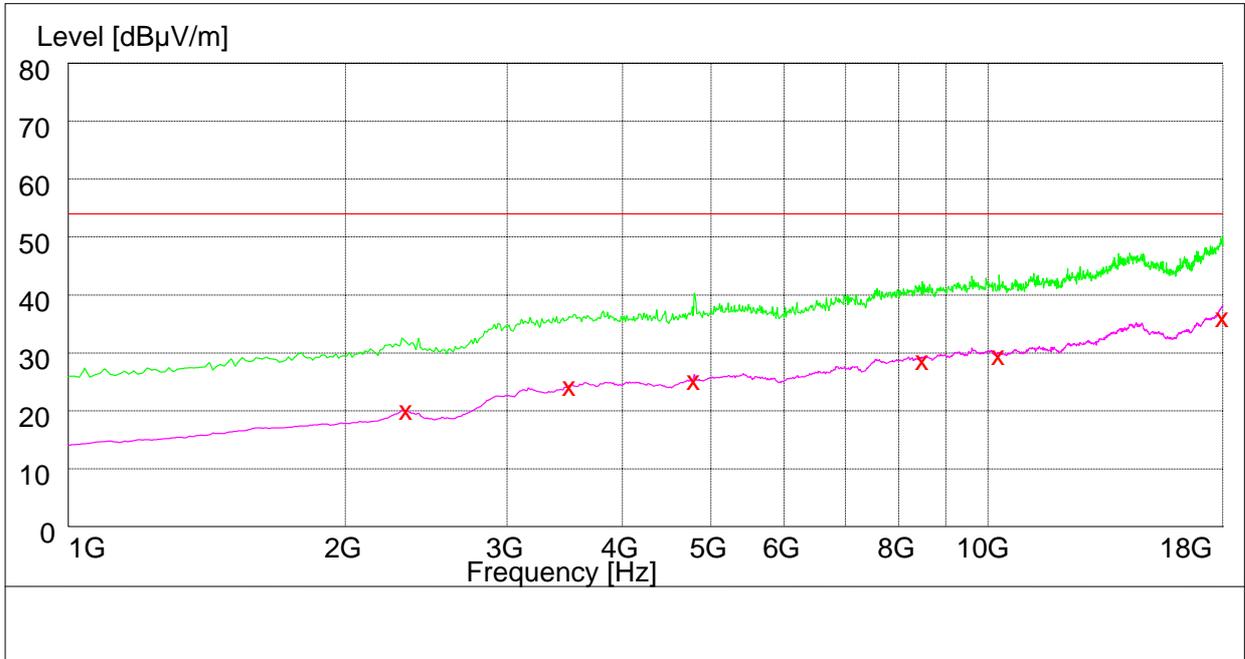
Channel 0 30MHz to 1GHz



Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Plarization
33.300000	35.00	11.7	40.0	5.0	113.0	130.00	VERTICAL
54.360000	21.30	12.7	40.0	18.7	100.0	126.00	VERTICAL
108.120000	19.30	12.4	43.5	24.2	140.0	340.00	VERTICAL
186.840000	18.70	11.6	43.5	24.8	100.0	316.00	VERTICAL
319.980000	24.80	16.0	46.0	21.2	107.0	0.00	VERTICAL
480.000000	28.40	19.6	46.0	17.6	105.0	81.00	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
2331.500000	19.90	-11.7	54.0	34.1	107.0	4.00	HORIZONTAL
3506.000000	24.00	-7.4	54.0	30.0	100.0	120.00	VERTICAL
4794.500000	25.10	-4.1	54.0	28.9	200.0	179.00	VERTICAL
8498.500000	28.60	3.0	54.0	25.4	100.0	65.00	HORIZONTAL
10284.000000	29.30	5.3	54.0	24.7	200.0	159.00	VERTICAL
17997.500000	37.30	17.3	54.0	16.7	158.0	128.00	VERTICAL

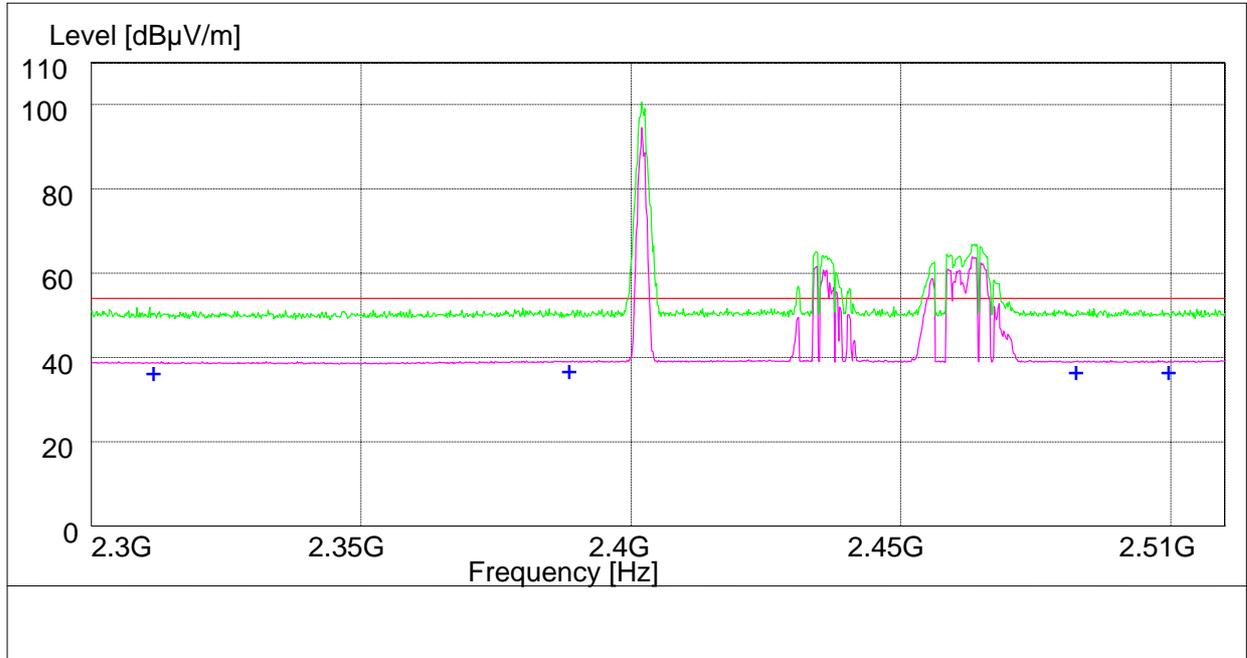


18GHz to 26GHz

Note: No peak found in pre- test.



2GHz to 3GHz

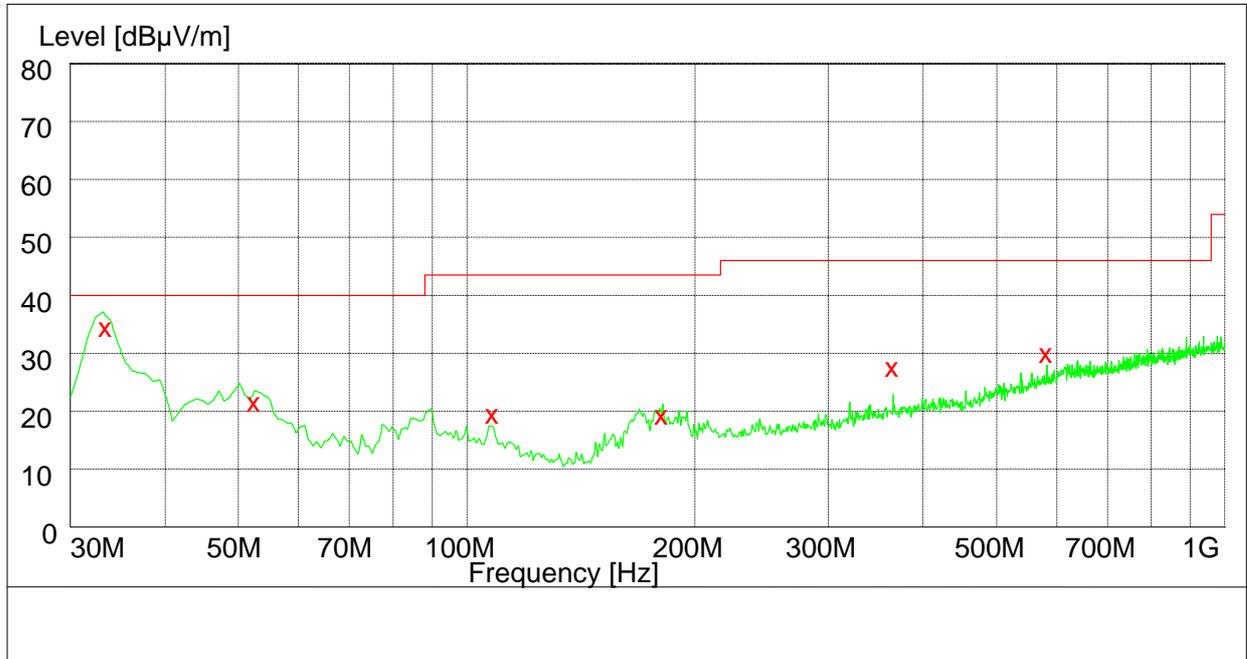


Note: The highest peak exceeds the limit line is carrier frequency.
The bands from 2.4GHz to 2.4835GHz is out of the restricted bands.

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2310.000000	38.10	33.3	54	15.9	124.0	100.00	HORIZONTAL
2390.000000	38.50	33.5	54	15.5	110.0	120.00	HORIZONTAL
2483.500000	38.40	33.7	54	15.6	144.0	14.00	HORIZONTAL
2500.000000	38.40	33.8	54	15.6	100.0	324.00	HORIZONTAL



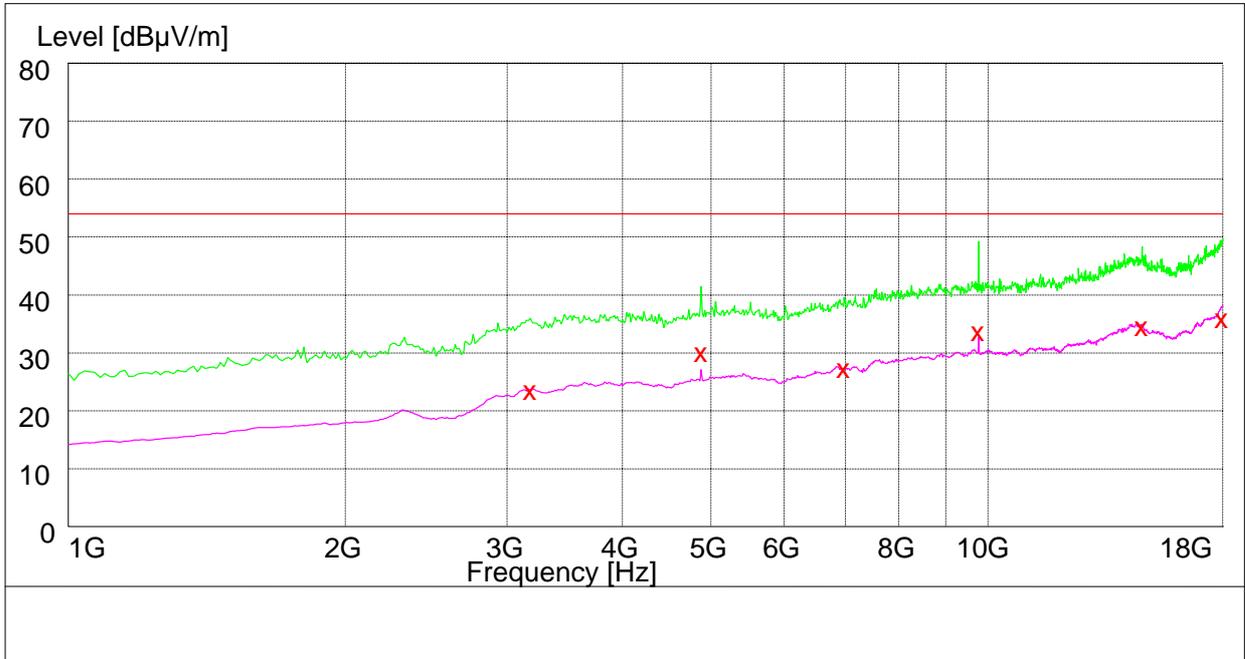
Channel 40 30MHz to 1GHz



Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
33.420000	34.60	11.7	40.0	5.4	109.0	49.00	VERTICAL
52.440000	21.30	12.7	40.0	18.7	100.0	351.00	VERTICAL
108.240000	19.30	12.4	43.5	24.2	288.0	200.00	VERTICAL
181.200000	19.10	11.0	43.5	24.4	100.0	213.00	VERTICAL
364.800000	27.40	17.4	46.0	18.6	100.0	159.00	HORIZONTAL
582.060000	29.70	22.1	46.0	16.3	298.0	322.00	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
3180.000000	23.40	-8.3	54.0	30.6	101.0	35.00	HORIZONTAL
4883.500000	29.90	-3.9	54.0	24.1	142.0	221.00	VERTICAL
6977.500000	27.10	0.2	54.0	26.9	106.0	226.00	HORIZONTAL
9769.000000	33.50	5.1	54.0	20.5	101.0	335.00	VERTICAL
14710.000000	34.40	11.7	54.0	19.6	136.0	288.00	VERTICAL
17981.500000	37.10	17.2	54.0	16.9	139.0	224.00	VERTICAL

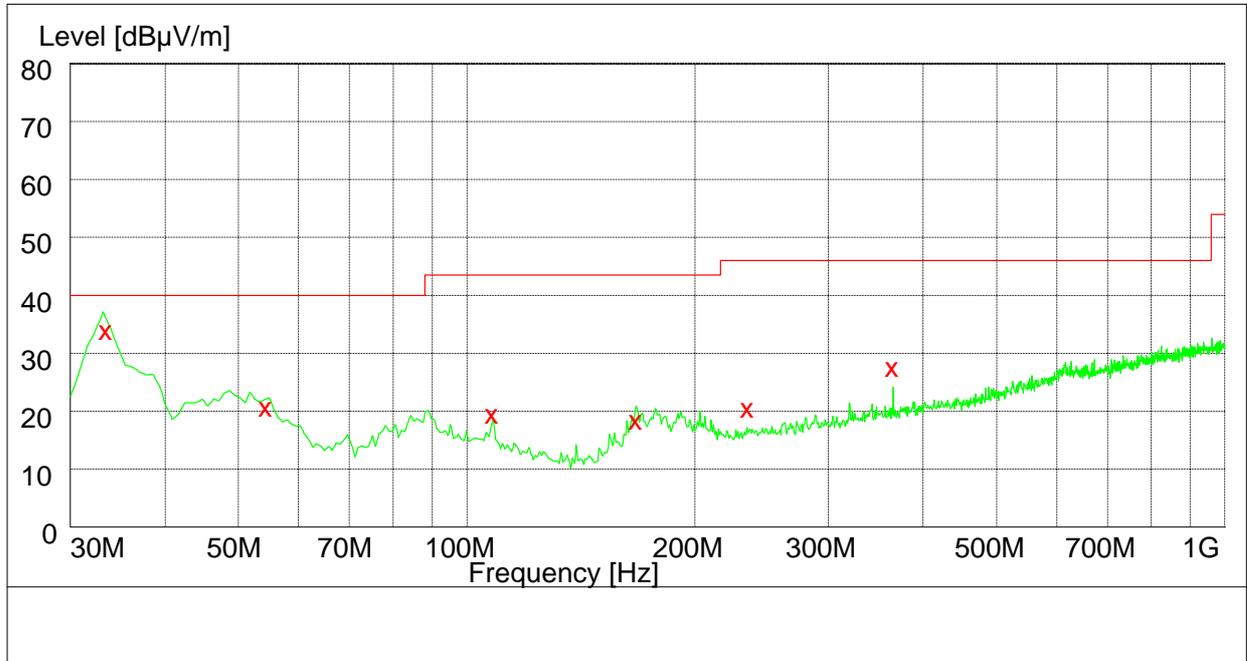


18GHz to 26GHz

Note: No peak found in pre- test.



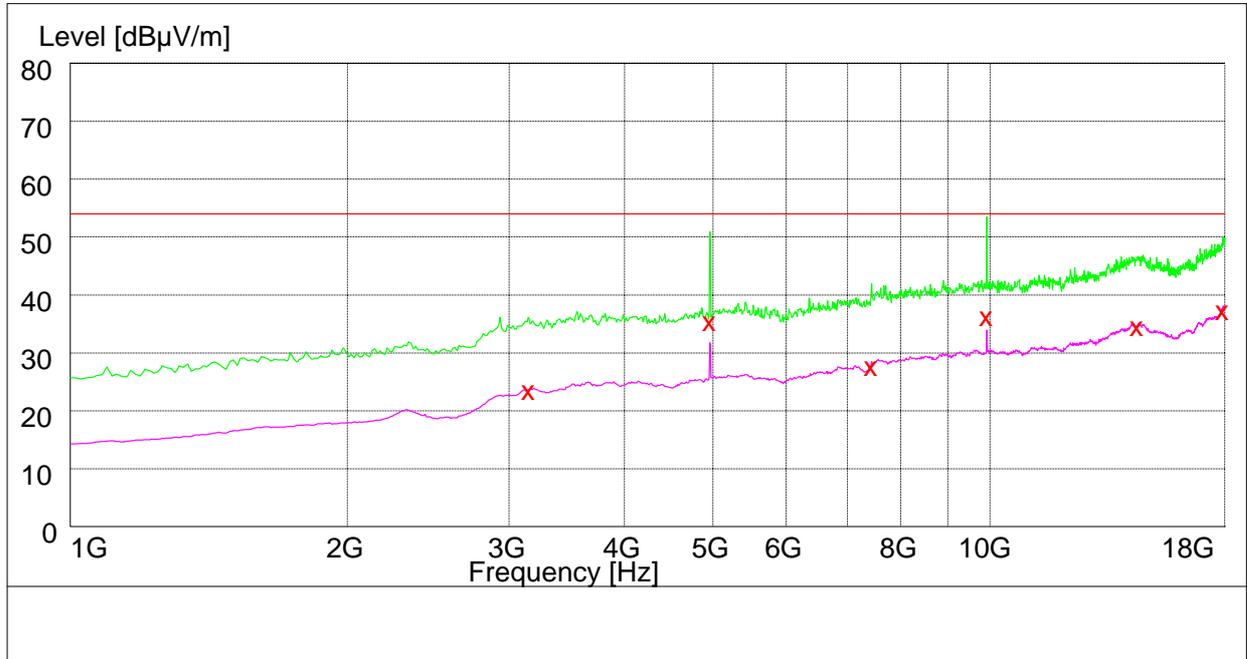
Channel 78 30MHz to 1GHz



Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
33.480000	33.80	11.7	40.0	6.2	100.0	21.00	VERTICAL
54.420000	20.50	12.7	40.0	19.5	100.0	239.00	VERTICAL
108.060000	19.30	12.4	43.5	24.2	257.0	0.00	VERTICAL
167.220000	18.30	9.9	43.5	25.2	100.0	205.00	VERTICAL
234.720000	20.40	13.8	46.0	25.6	103.0	118.00	HORIZONTAL
364.800000	27.40	17.4	46.0	18.6	100.0	162.00	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
3154.000000	23.30	-8.5	54.0	30.7	100.0	274.00	VERTICAL
4960.000000	35.30	-3.8	54.0	18.7	100.0	335.00	VERTICAL
7437.500000	27.40	1.2	54.0	26.6	100.0	323.00	VERTICAL
9919.500000	36.10	5.1	54.0	17.9	100.0	337.00	VERTICAL
14470.500000	34.40	12.3	54.0	19.6	100.0	174.00	VERTICAL
17909.000000	37.10	16.7	54.0	16.9	100.0	1.00	VERTICAL

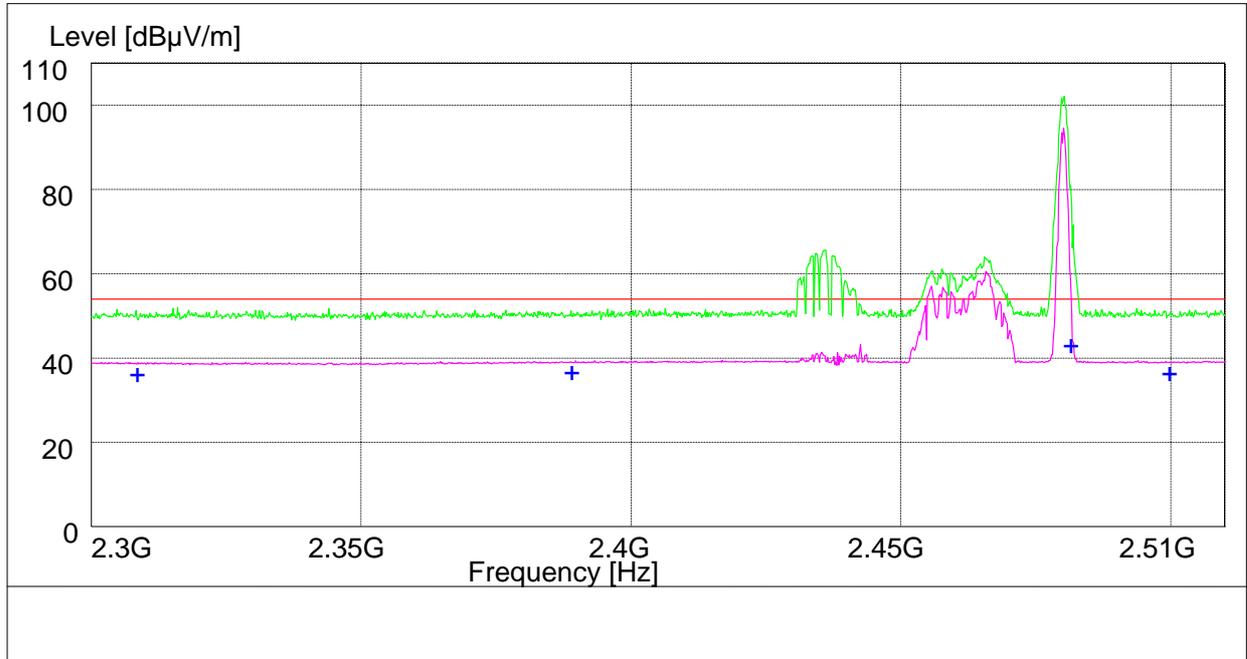


18GHz to 26GHz

Note: No peak found in pre- test.



2GHz to 3GHz



Note: The highest peak exceeds the limit line is carrier frequency.
The bands from 2.4GHz to 2.4835GHz is out of the restricted bands.

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2310.000000	38.10	33.3	54	15.9	145.0	171.00	HORIZONTAL
2390.000000	38.50	33.5	54	15.5	152.0	77.00	HORIZONTAL
2483.500000	44.70	33.7	54	9.3	120.0	169.00	VERTICAL
2500.000000	38.30	33.8	54	15.7	175.0	120.00	VERTICAL



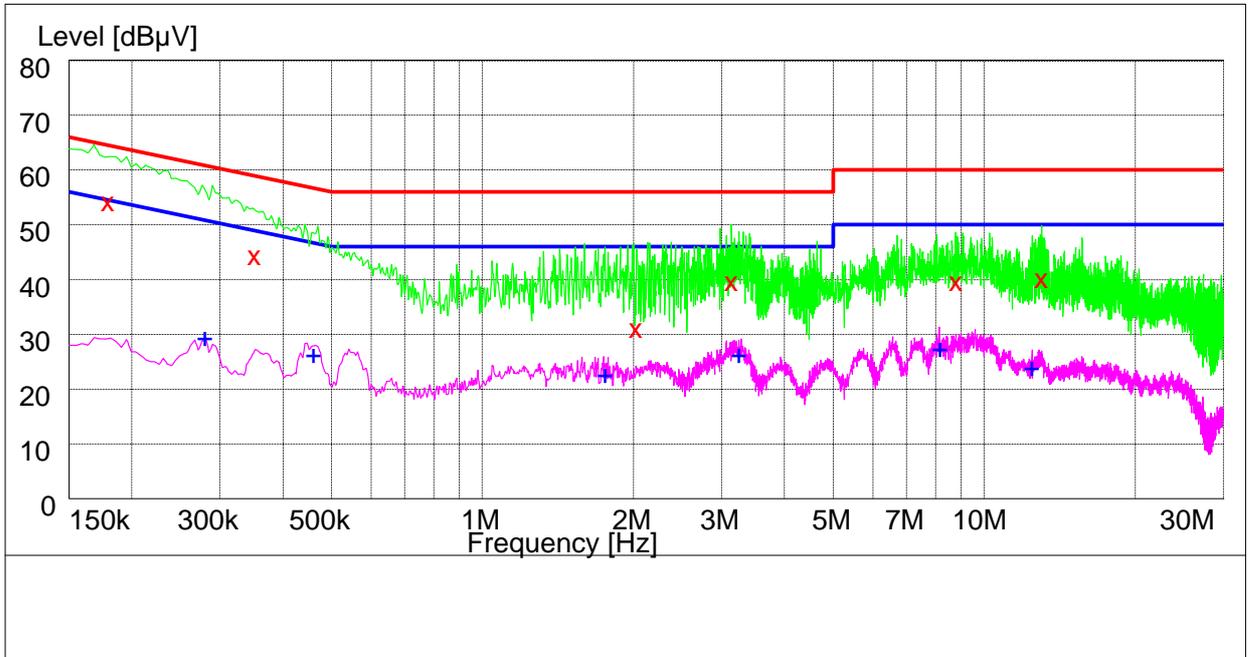
Appendix I

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
0.180000	55.60	10.1	65	8.9	L1	FLO
0.352000	45.70	10.0	59	13.2	L1	FLO
2.030000	31.00	10.1	56	25.0	L1	FLO
3.148000	39.90	10.2	56	16.1	N	FLO
8.810000	39.80	10.3	60	20.2	N	FLO
13.048000	40.10	10.3	60	19.9	N	FLO

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Line	PE
0.280000	29.70	10.0	51	21.1	L1	FLO
0.460000	27.70	10.1	47	19.0	L1	FLO
1.754000	24.10	10.1	46	21.9	N	FLO
3.246000	27.70	10.2	46	18.3	N	FLO
8.174000	28.80	10.2	50	21.2	N	FLO
12.460000	24.30	10.3	50	25.7	N	FLO



Appendix J

Photos of Test Setup



1 Radiated Spurious Emissions



Radiated Spurious Emission (below 2GHz)

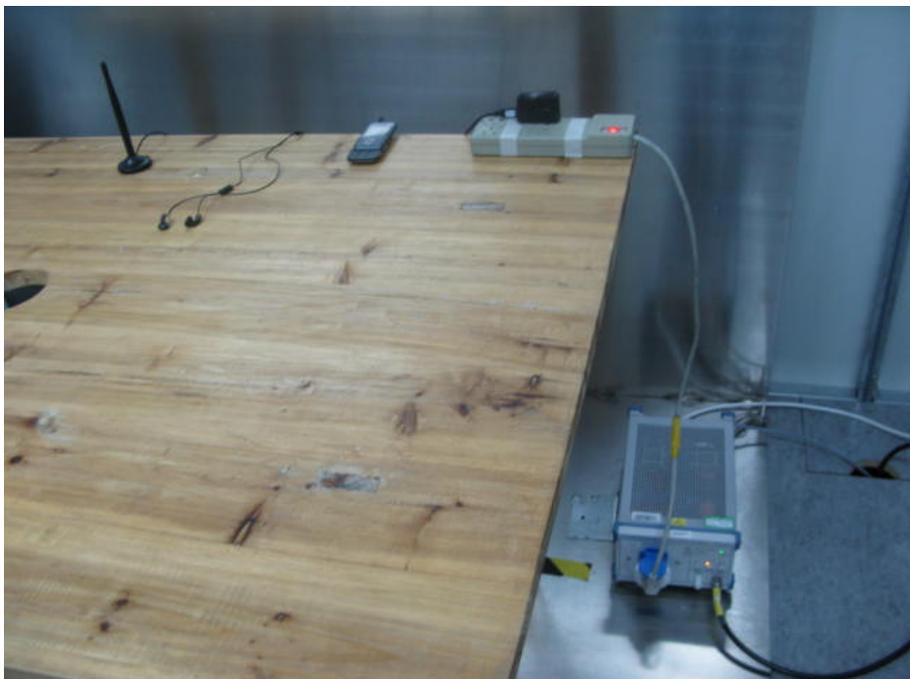


Radiated Spurious Emission (2GHz to18GHz)



Radiated Spurious Emission (above 18GHz)

2 Conducted Emissions





Conducted Emissions for AC Ports