



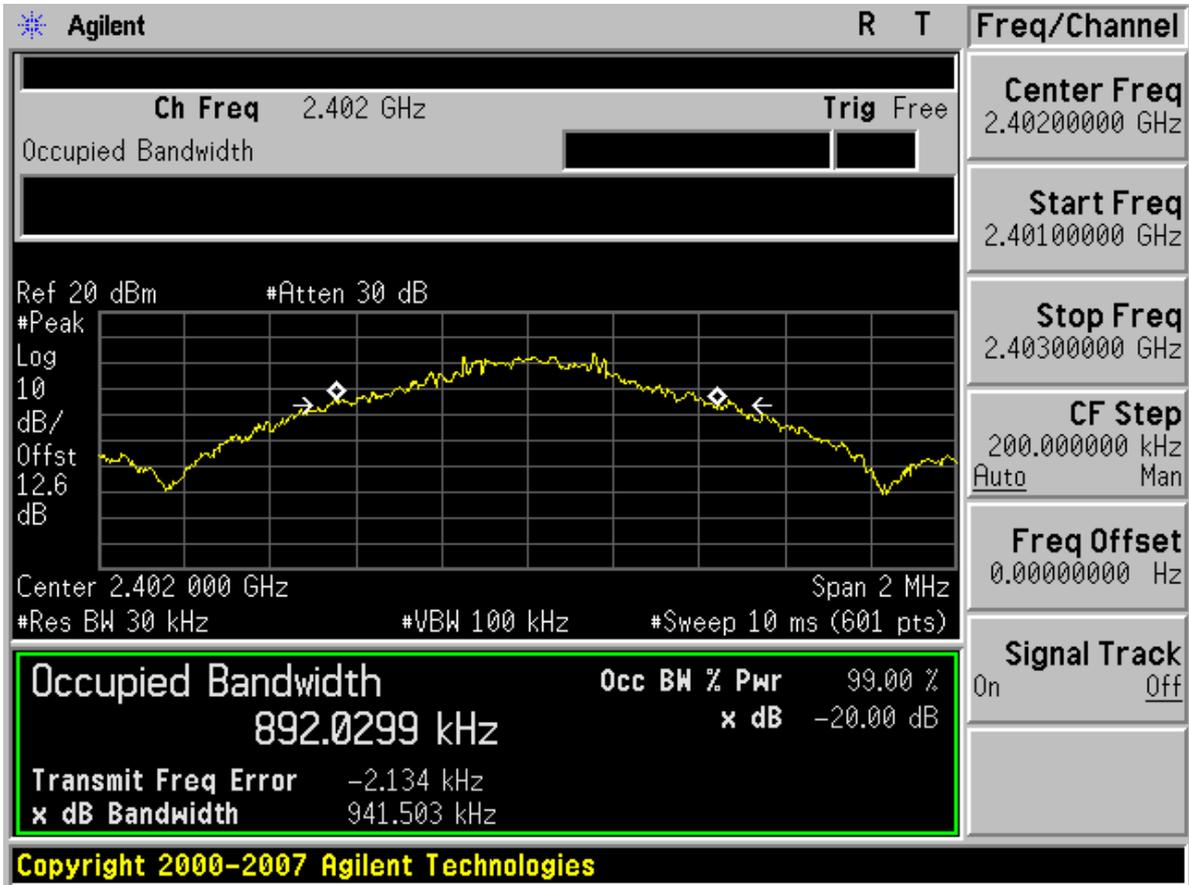
Appendix A

20dB bandwidth measurement

According to FCC Part 15.247 (a) (1)

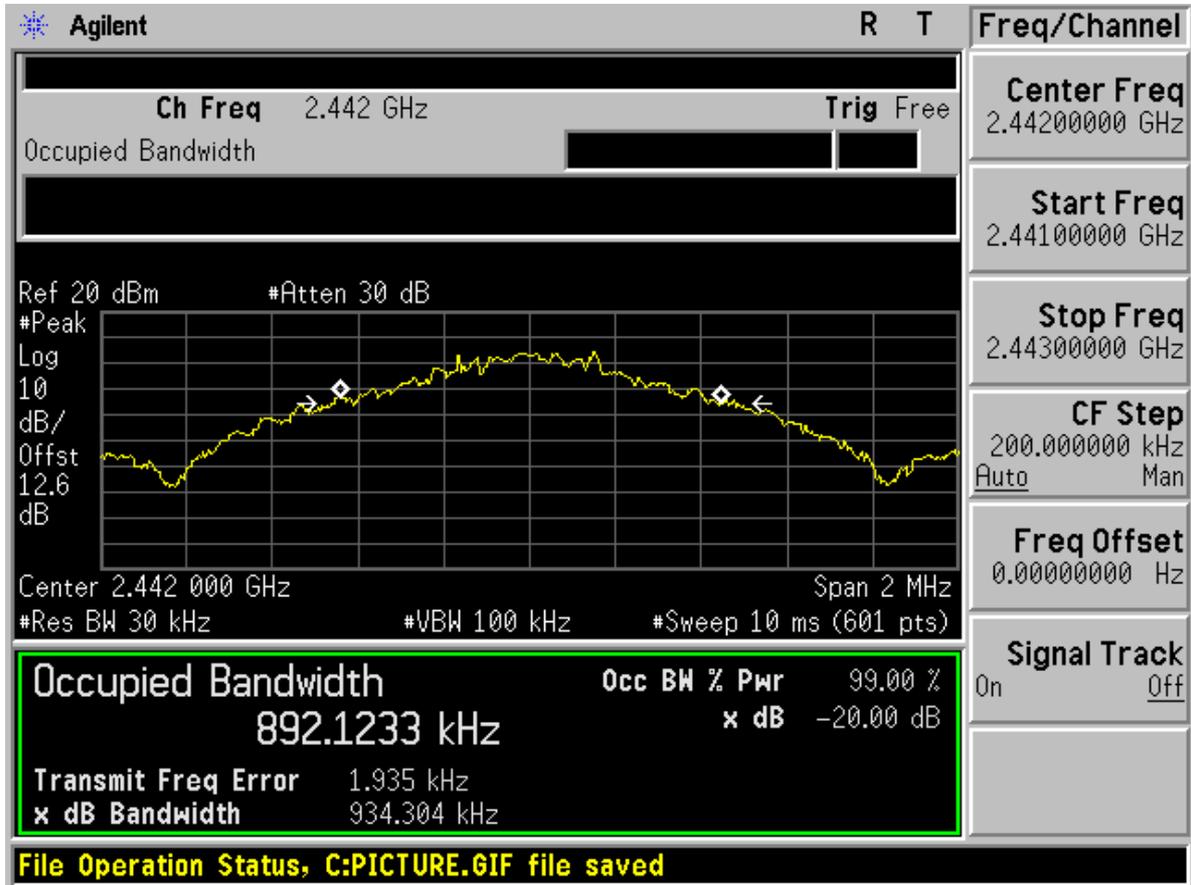


Channel 0 (2402MHz)



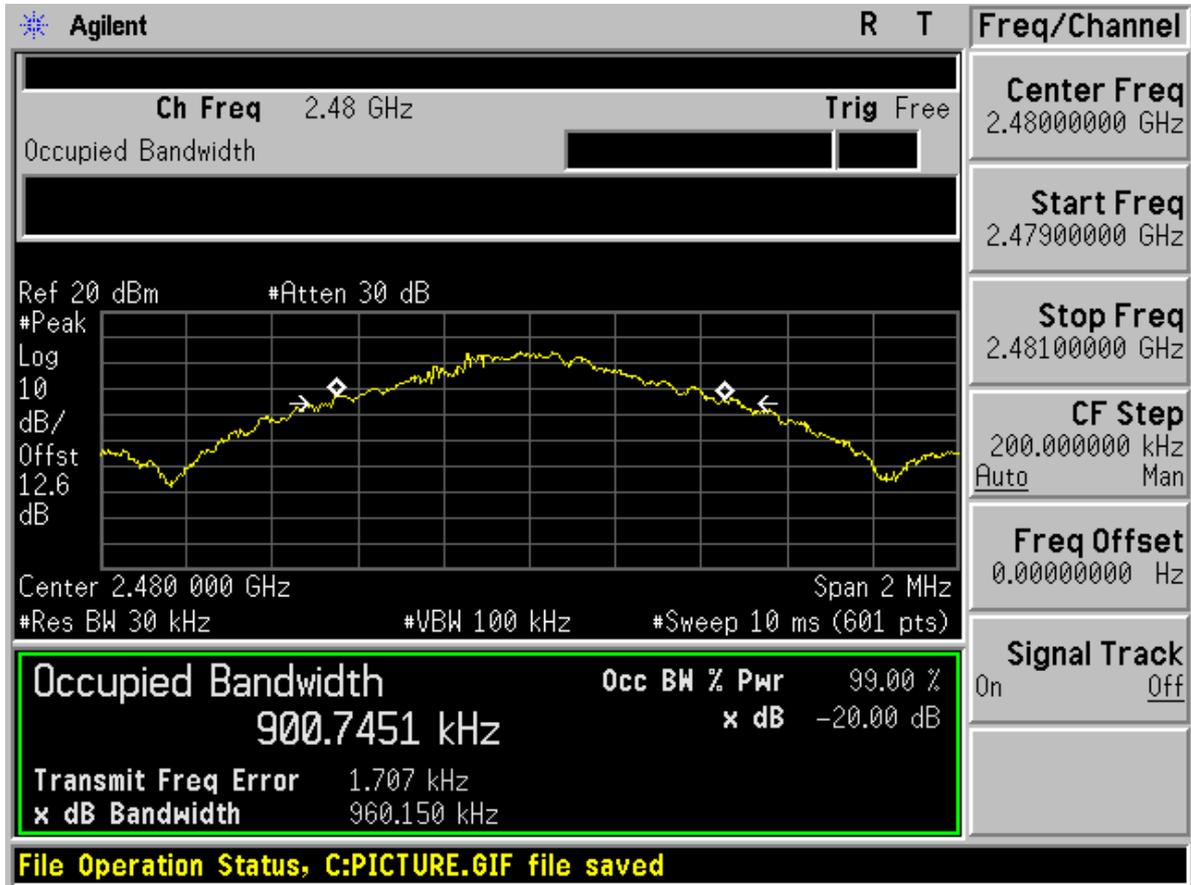


Channel 40 (2442MHz)





Channel 78 (2480MHz)





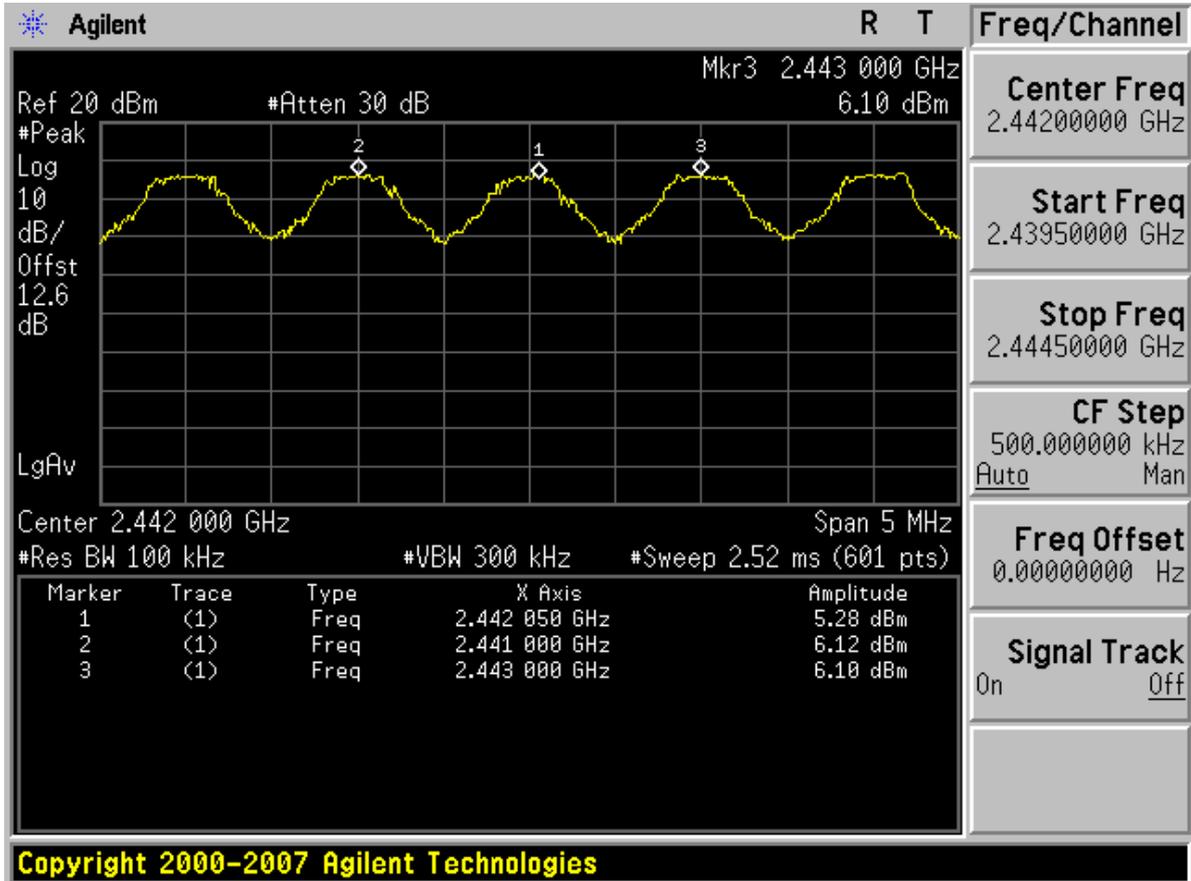
Appendix B

Carrier frequency separation measurement

According to FCC Part 15.247 (a) (1)



Centred at Channel 40





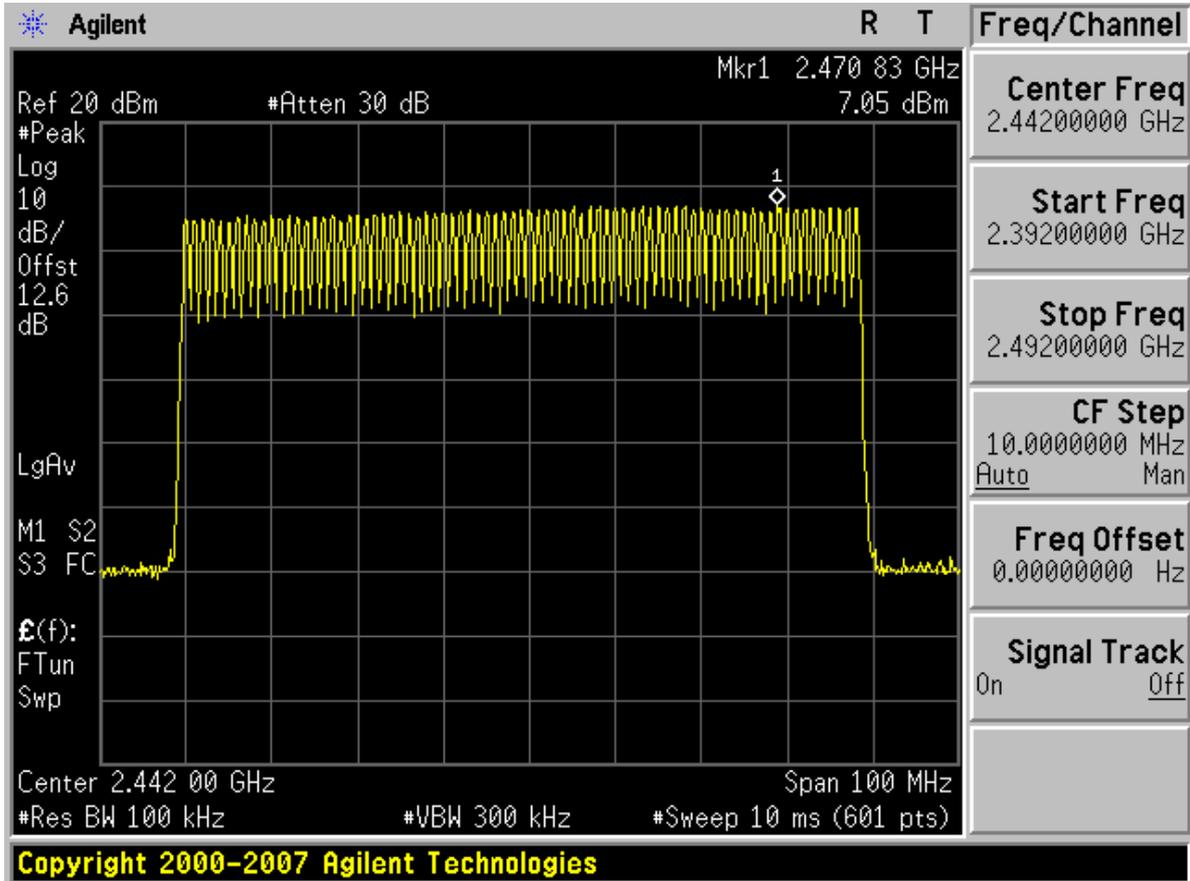
Appendix C

Number of hopping channel

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



Total hopping channels = 79





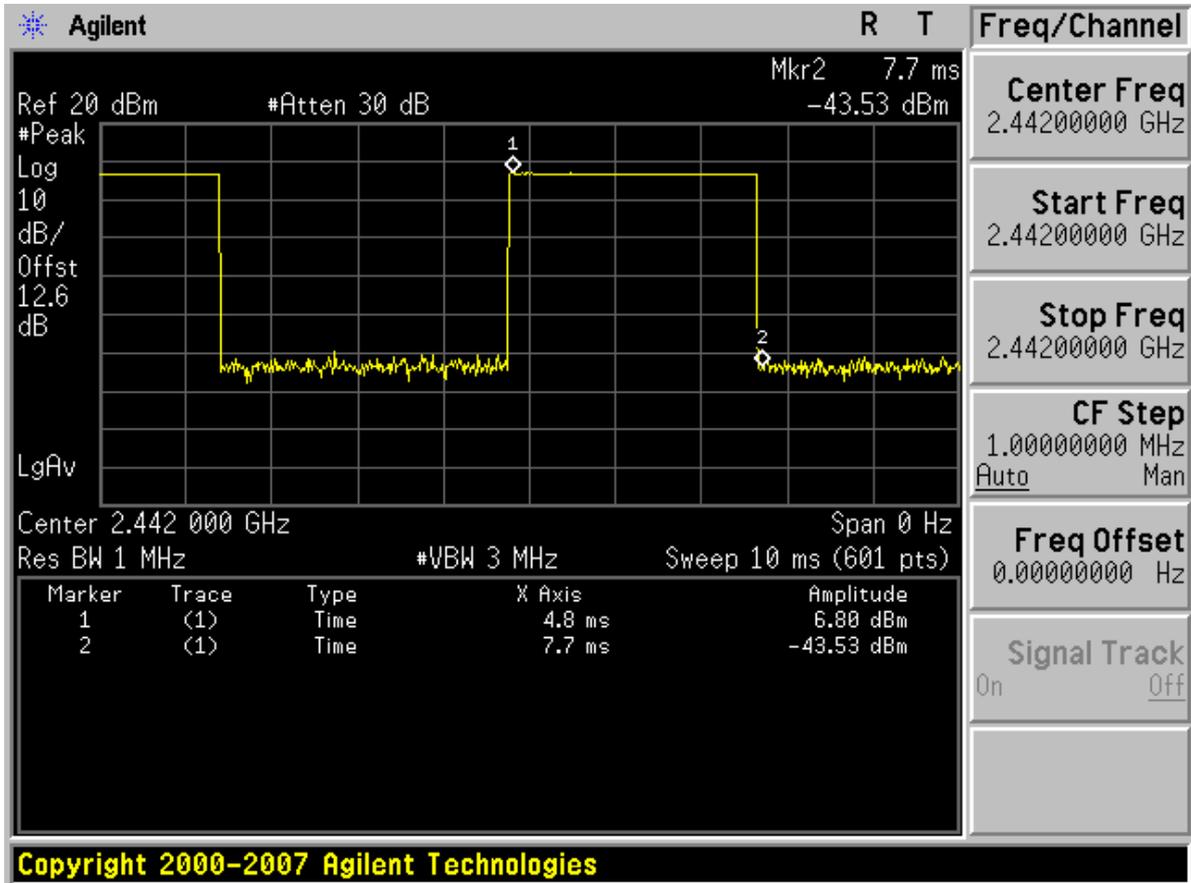
Appendix D

Time of occupancy

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

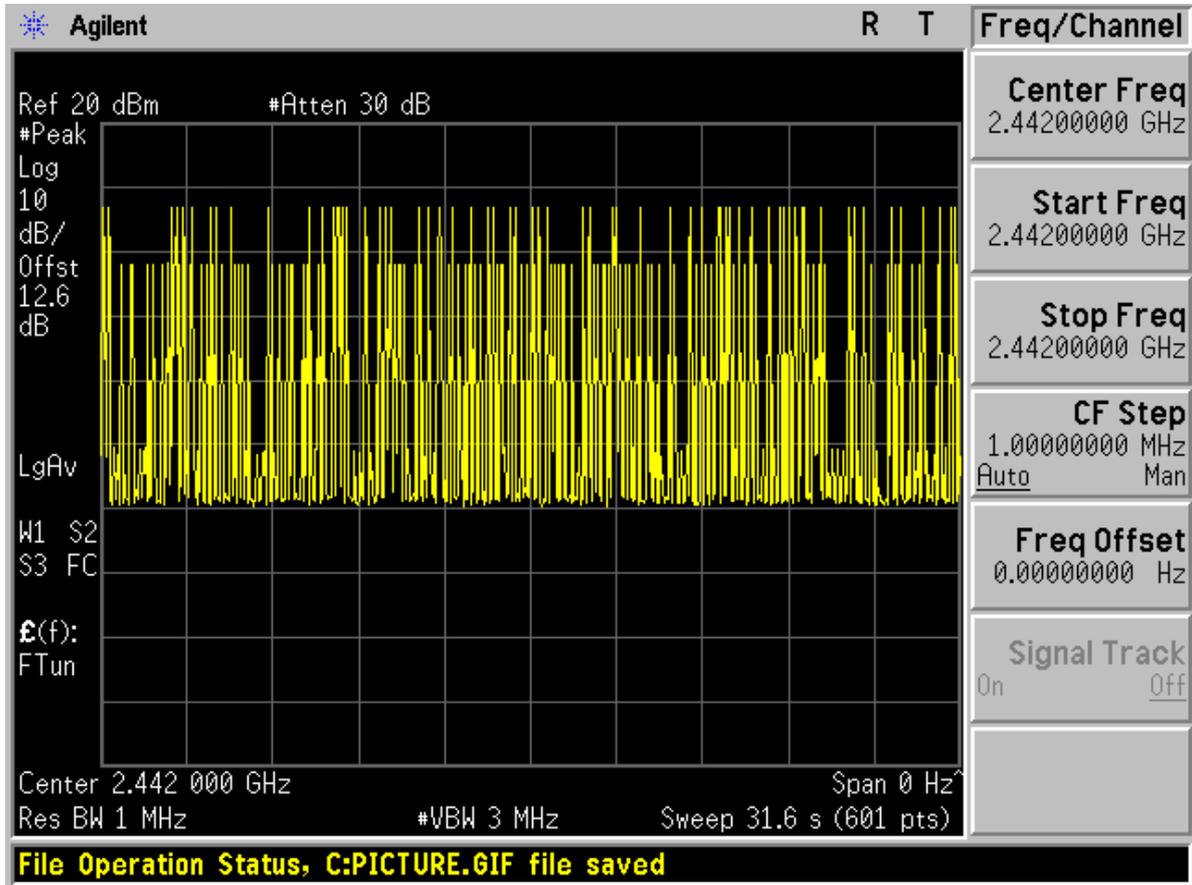


A burst (One time slot)





A period (Less than 106.7 burst)





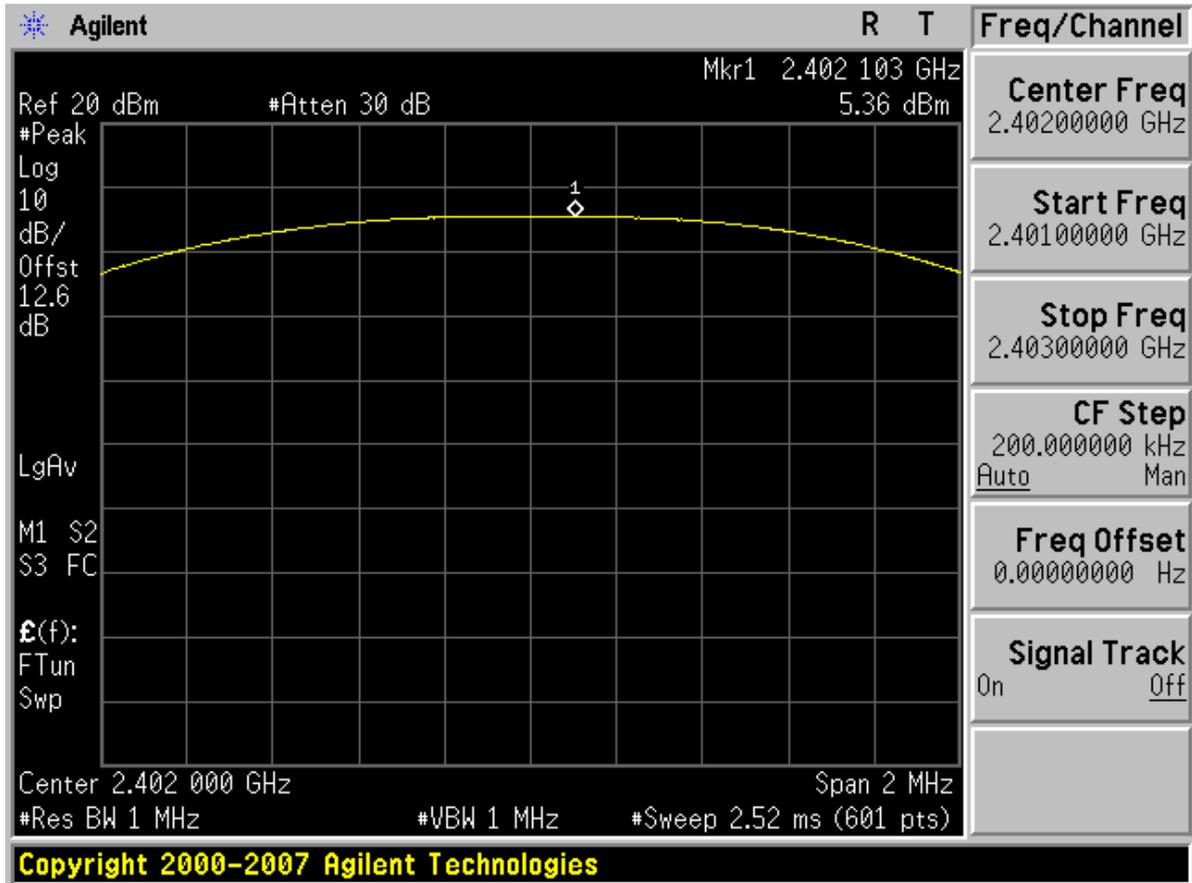
Appendix E

Peak output power

According to FCC Part 15.247 (b) (1)

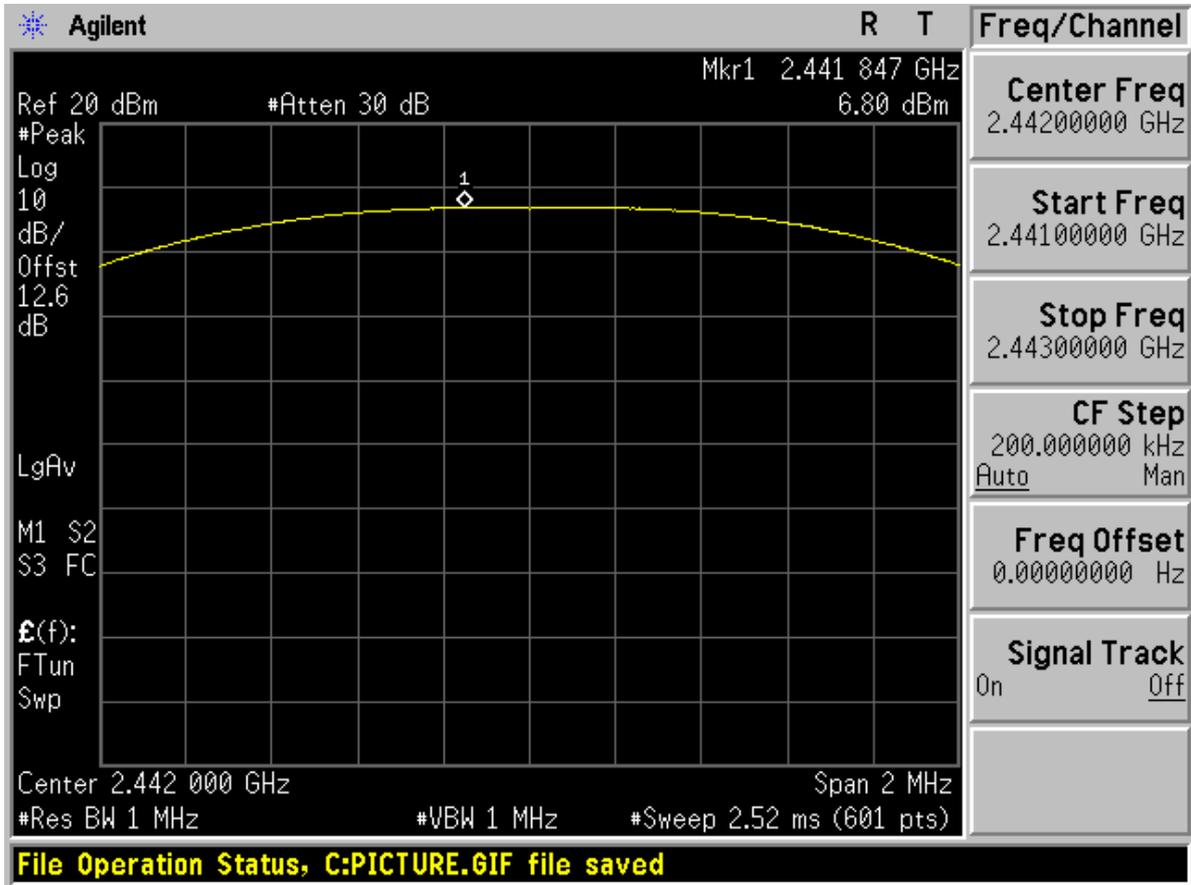


Channel 0 (2402MHz)



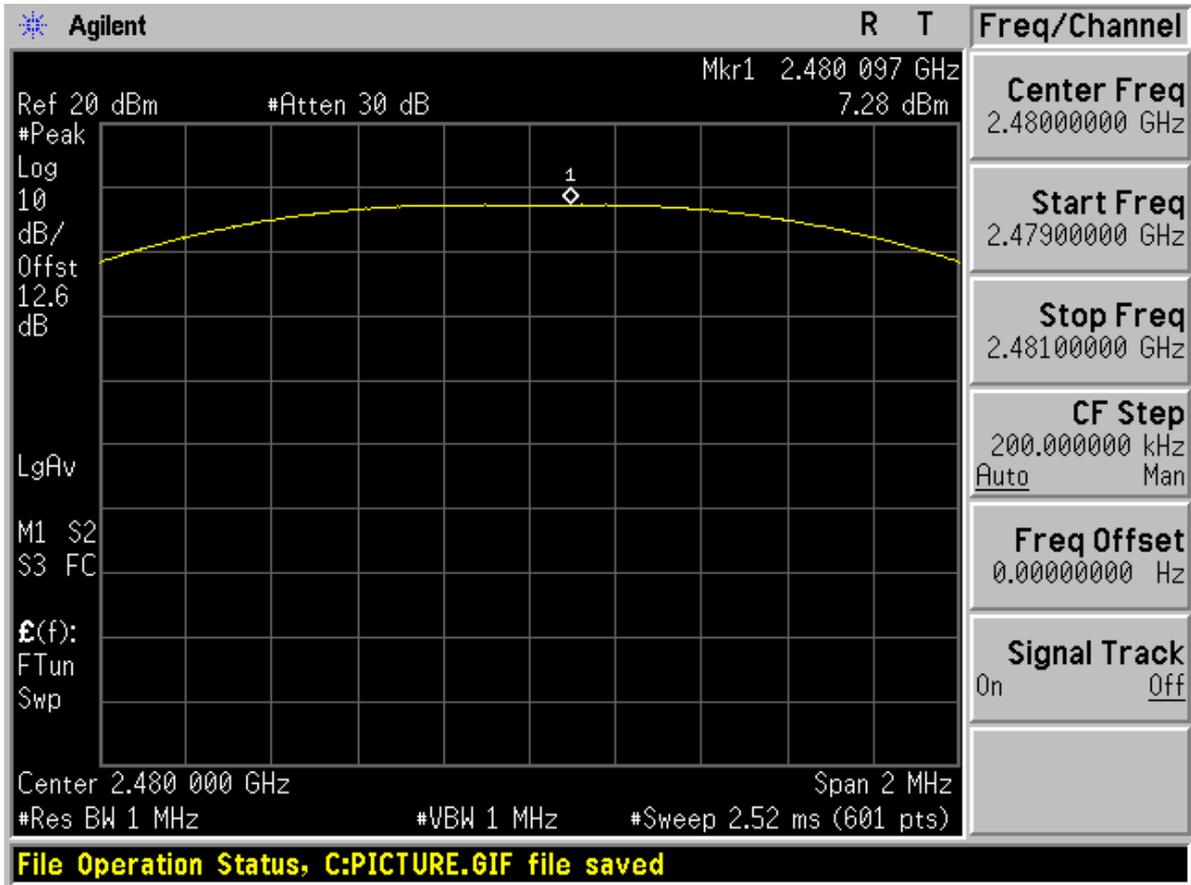


Channel 40 (2442MHz)





Channel 78 (2480MHz)





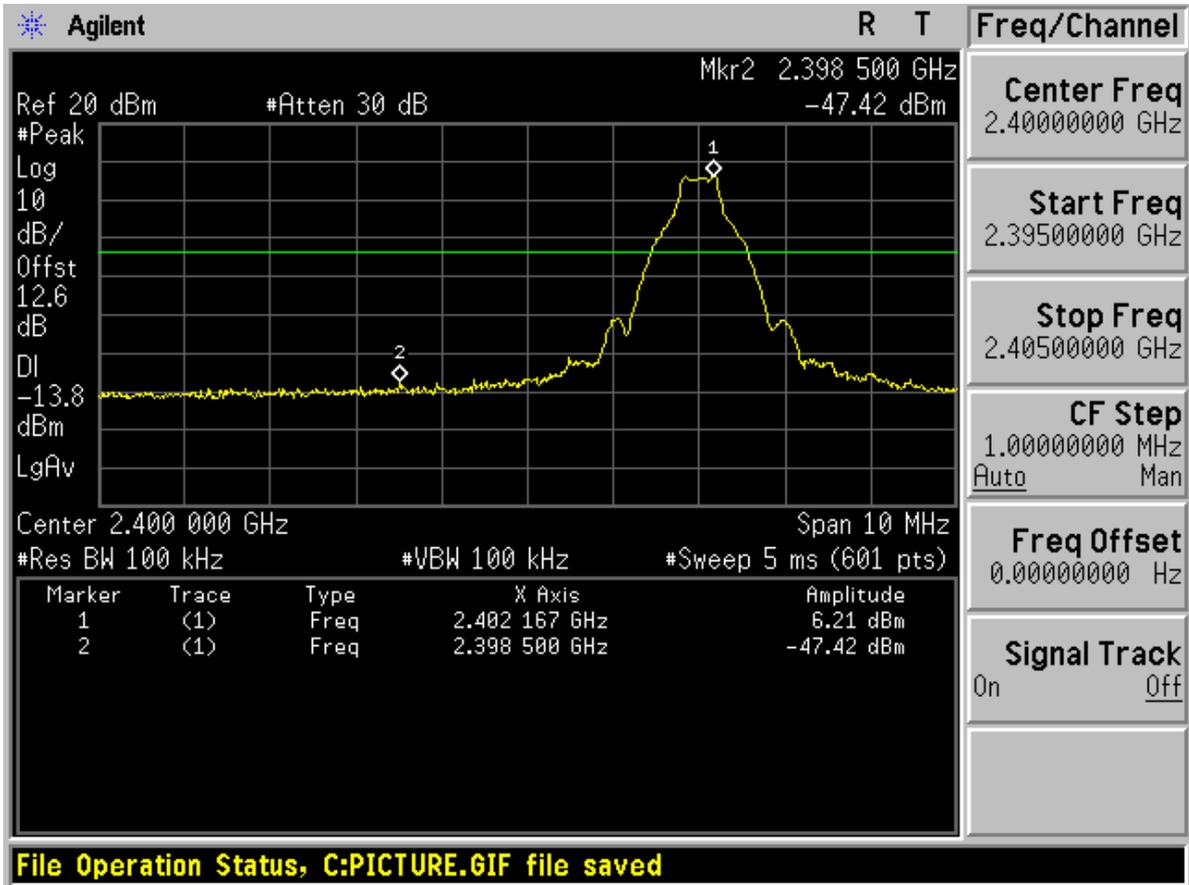
Appendix F

Band edge spurious emission

According to FCC Part 15.247 (d)

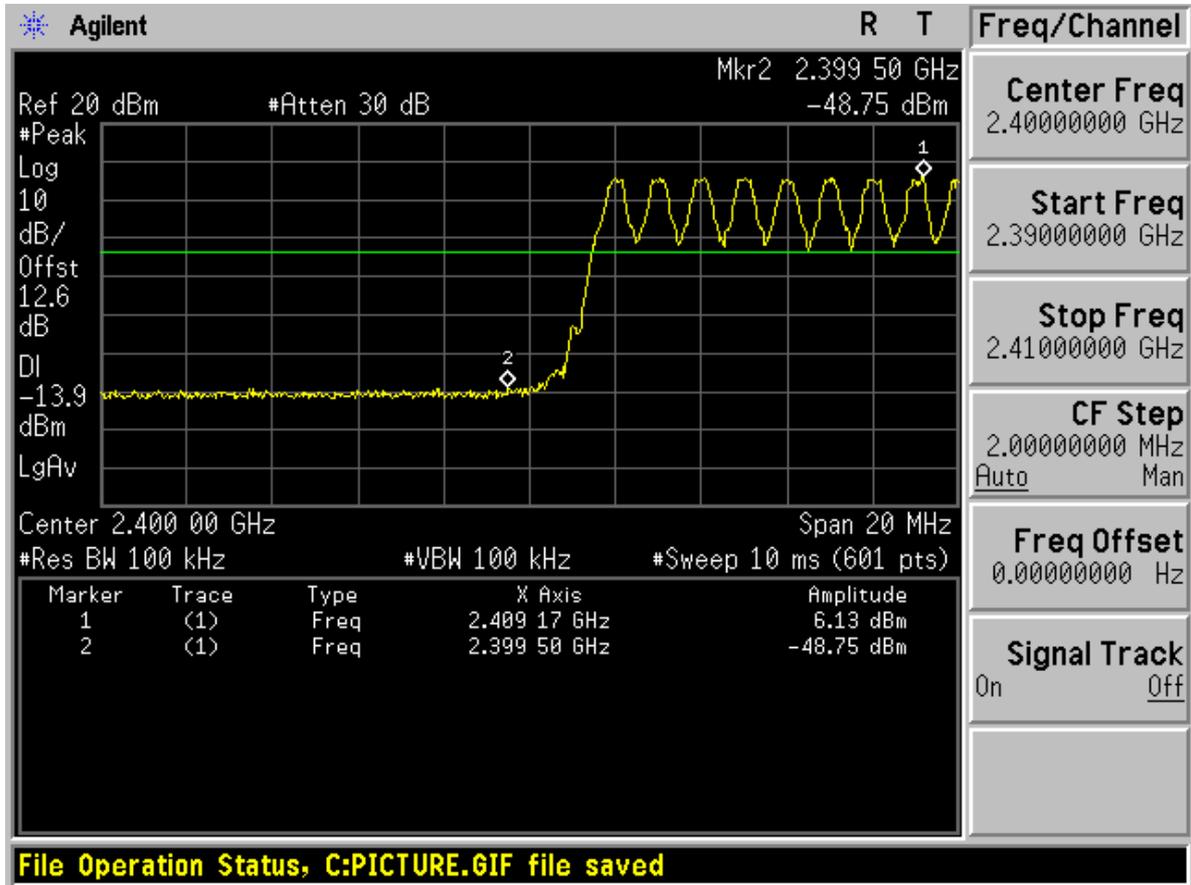


Low edge (Channel 0, no hopping)



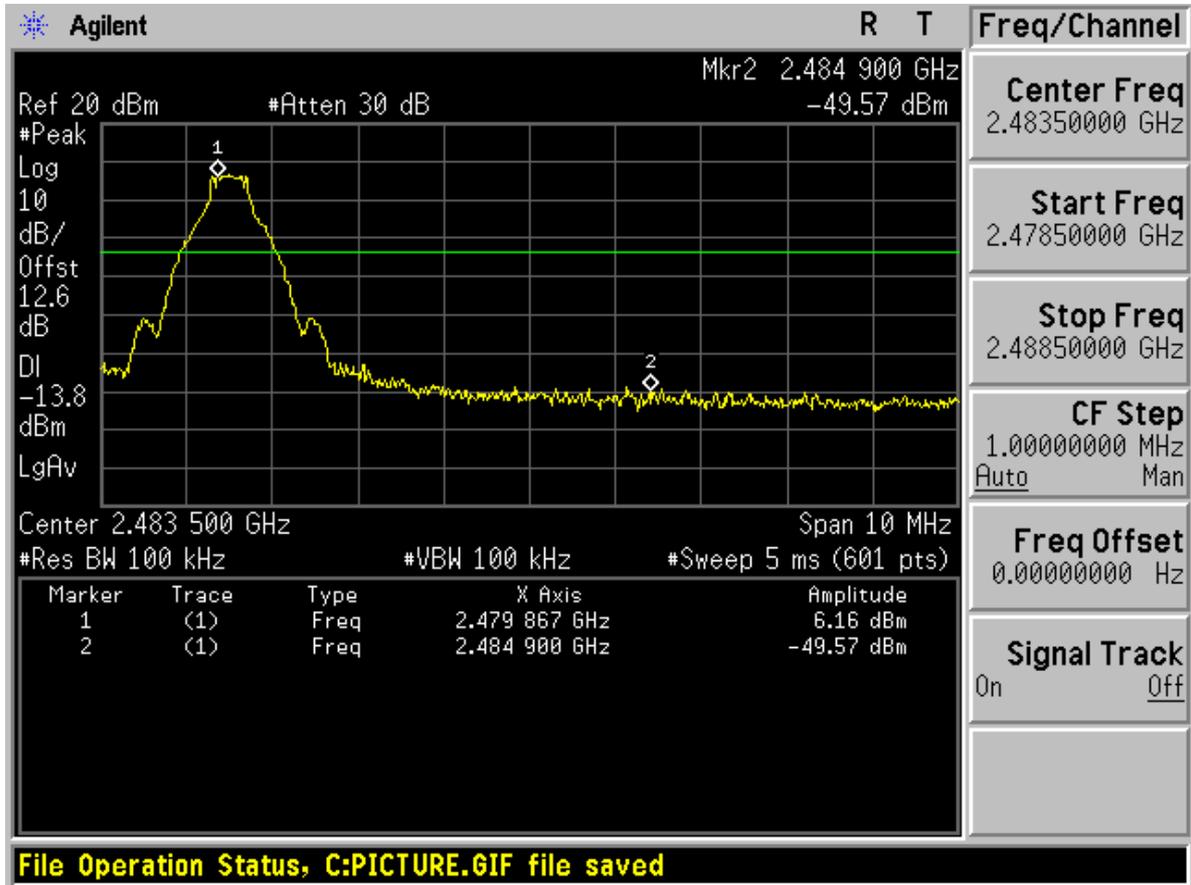


Low edge (with hopping)



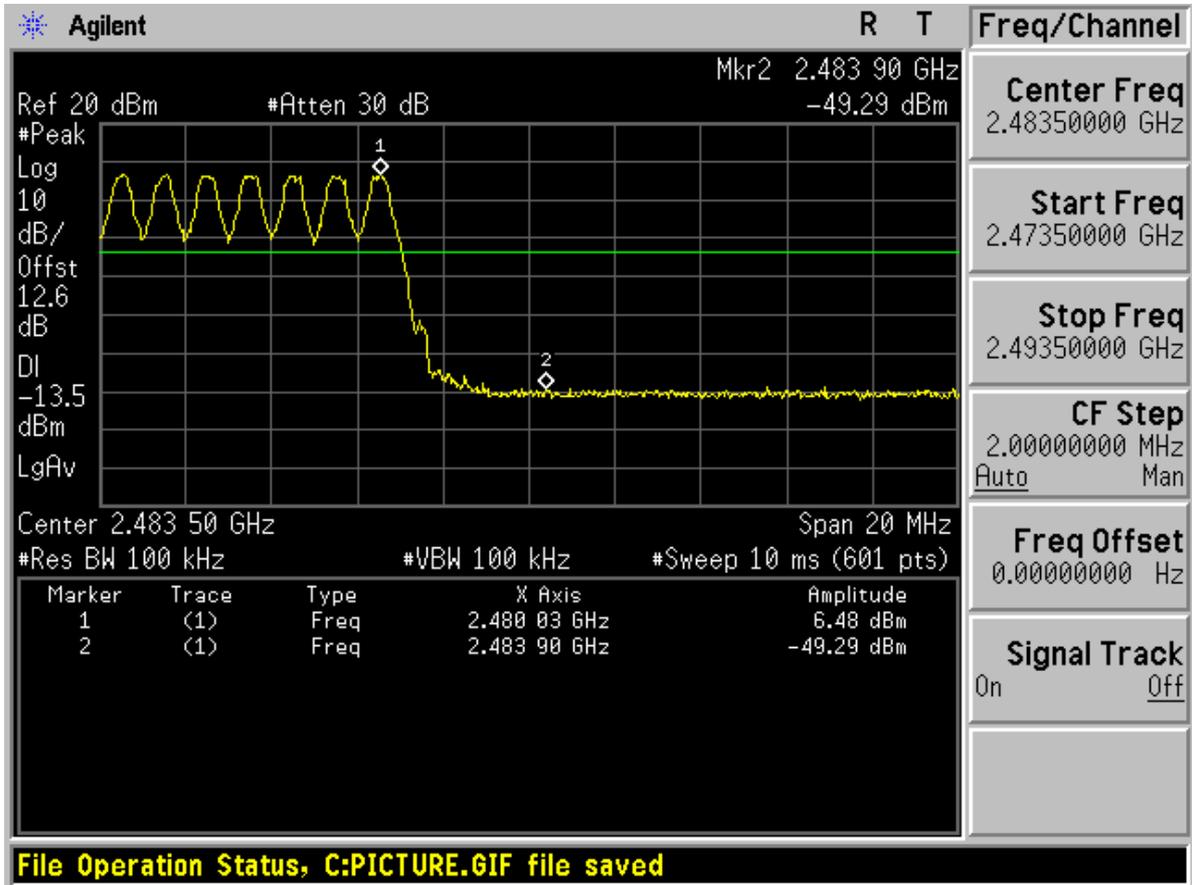


High edge (Channel 78, no hopping)





High edge (with hopping)





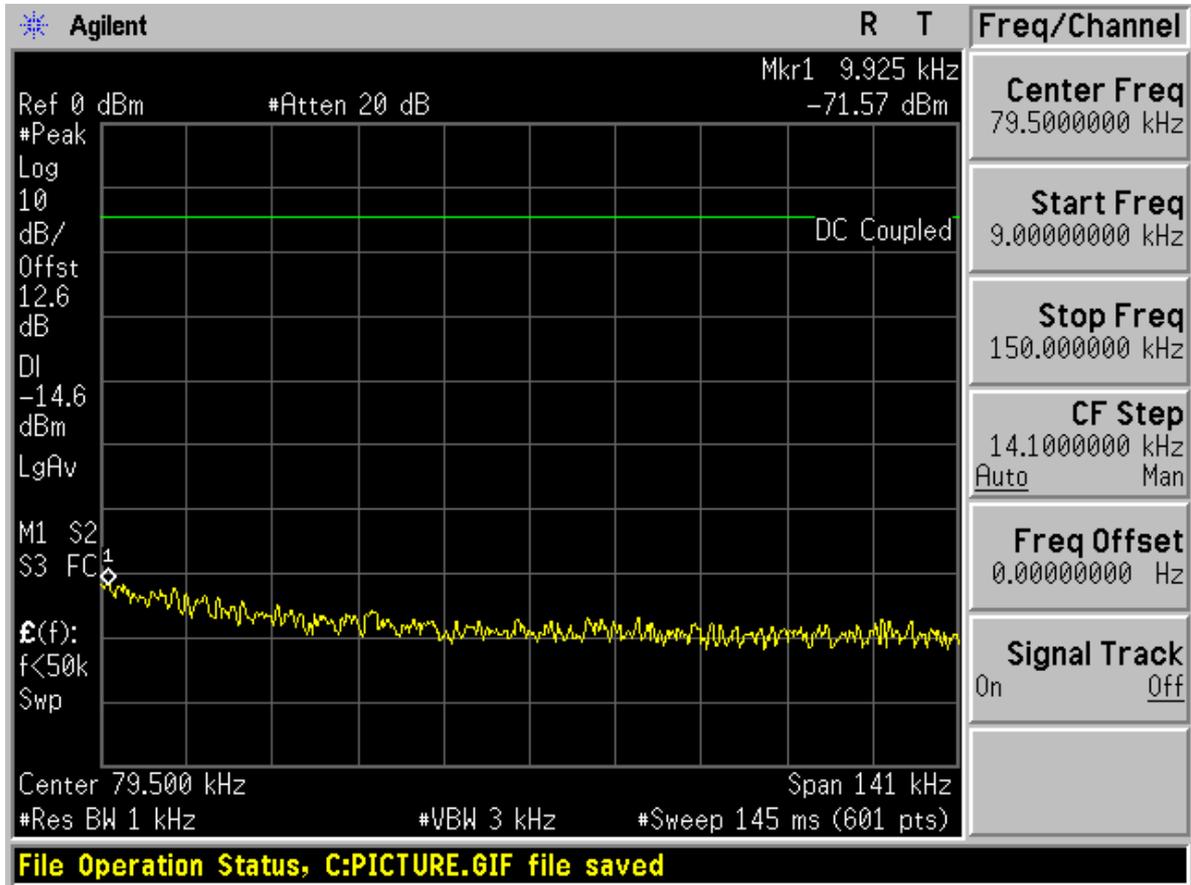
Appendix G

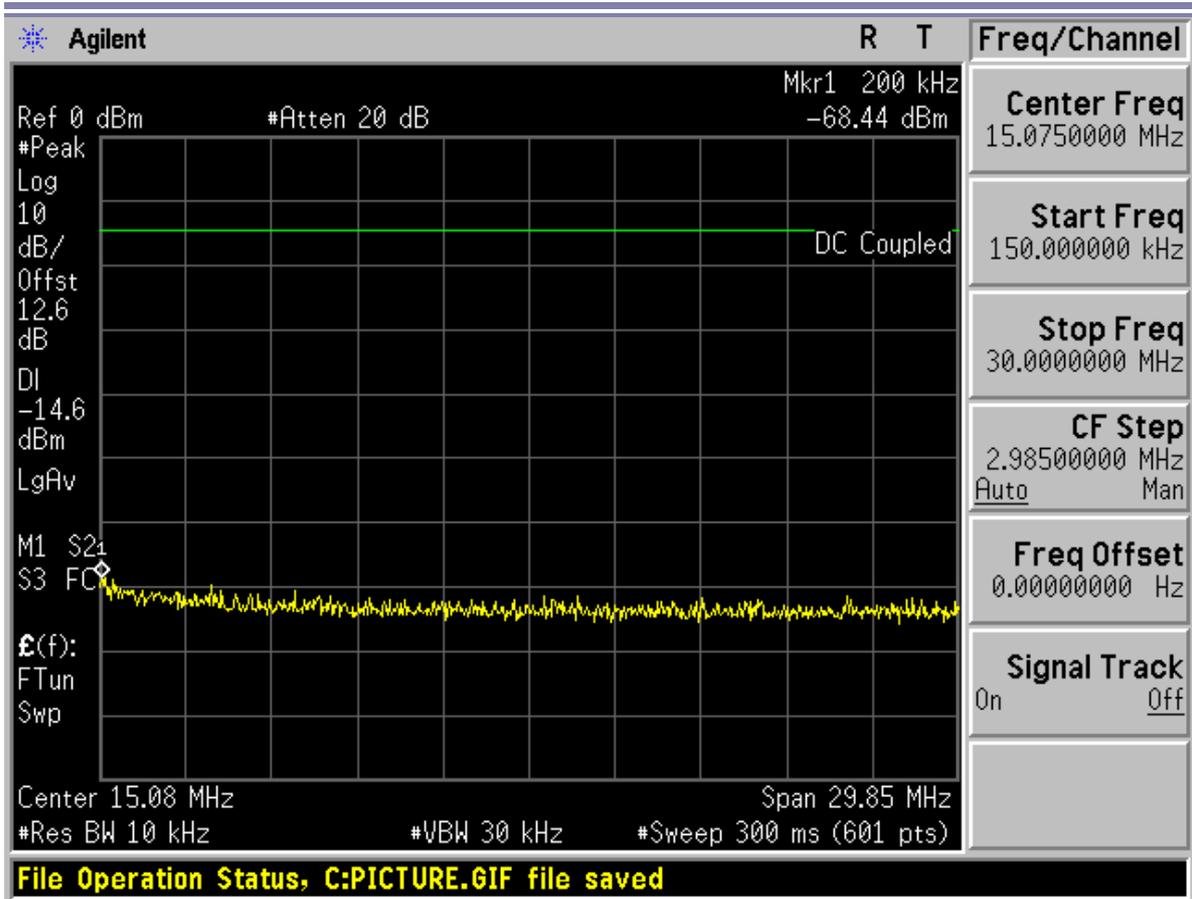
Conducted RF spurious

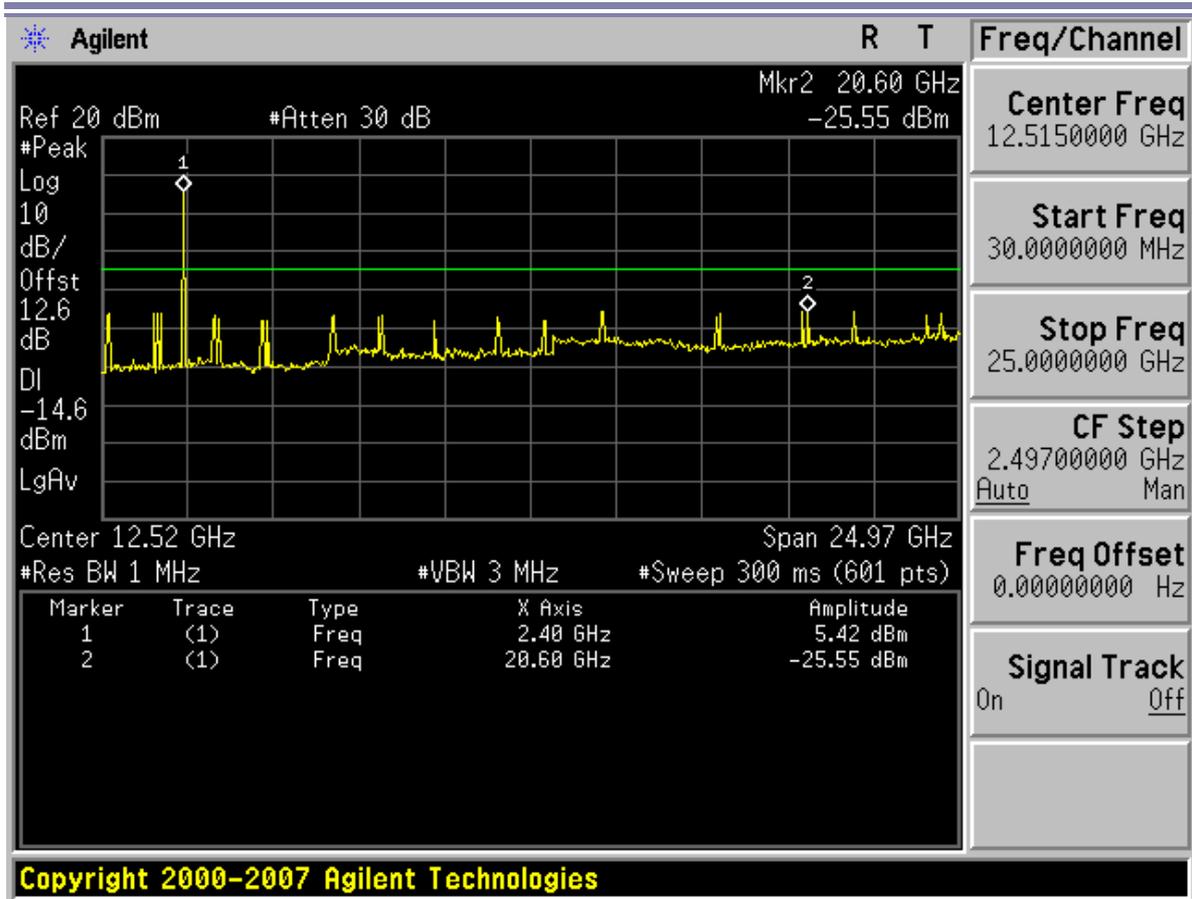
According to FCC Part 15.247 (d)



Channel 0

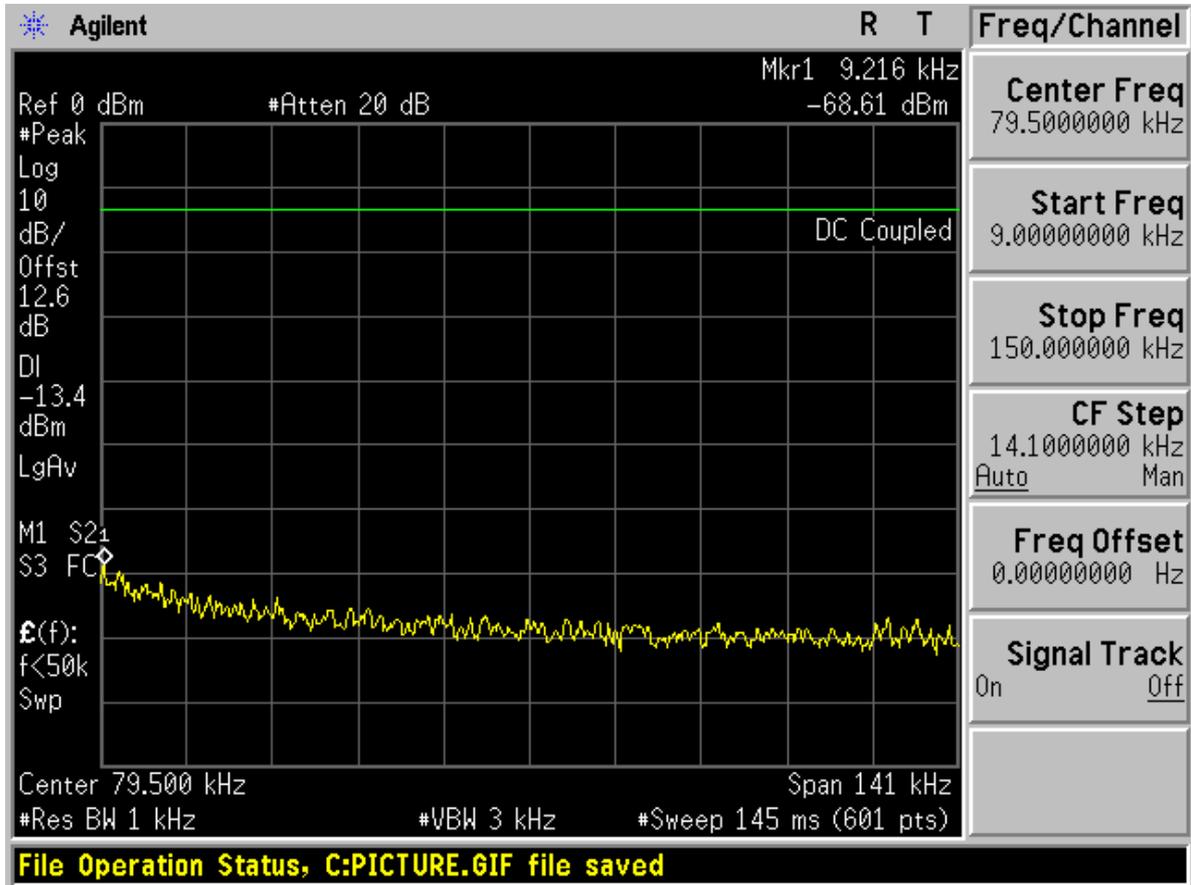


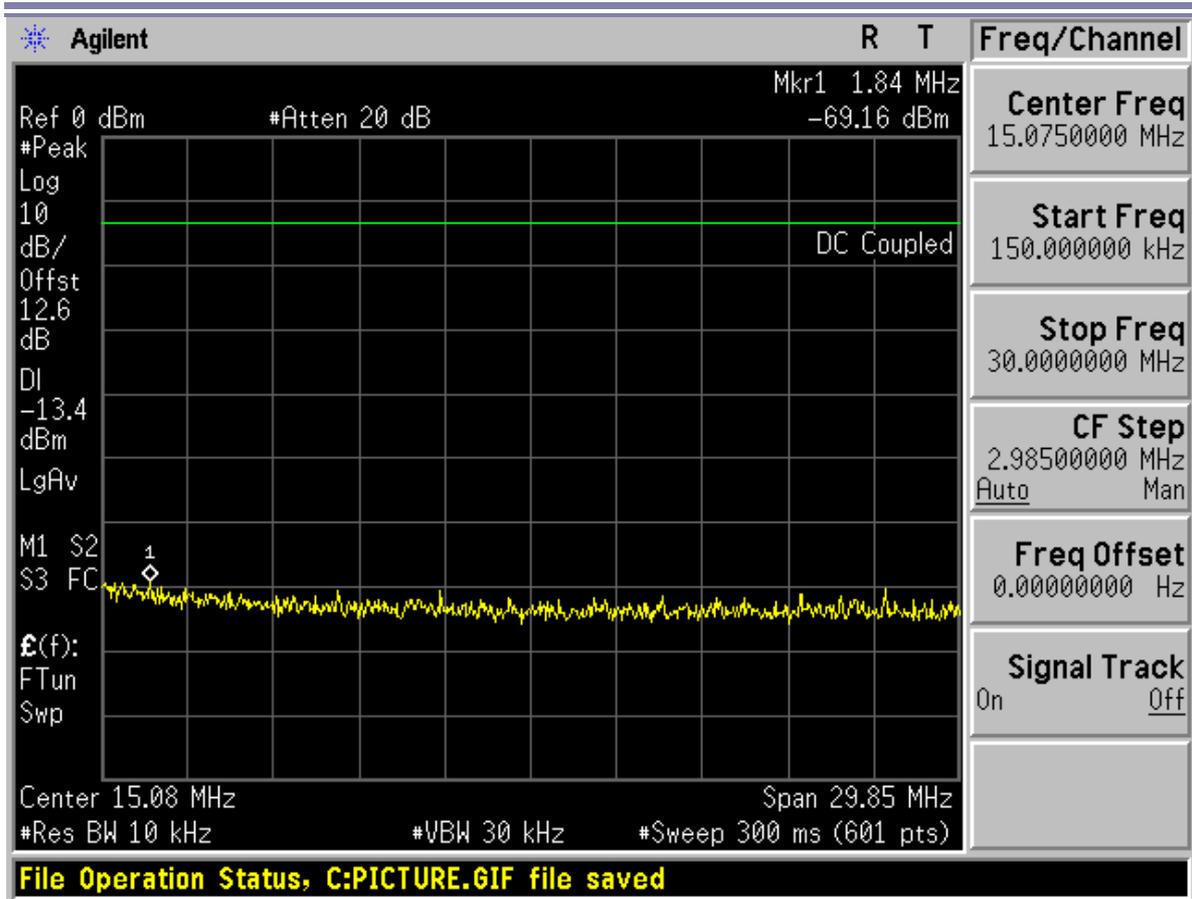


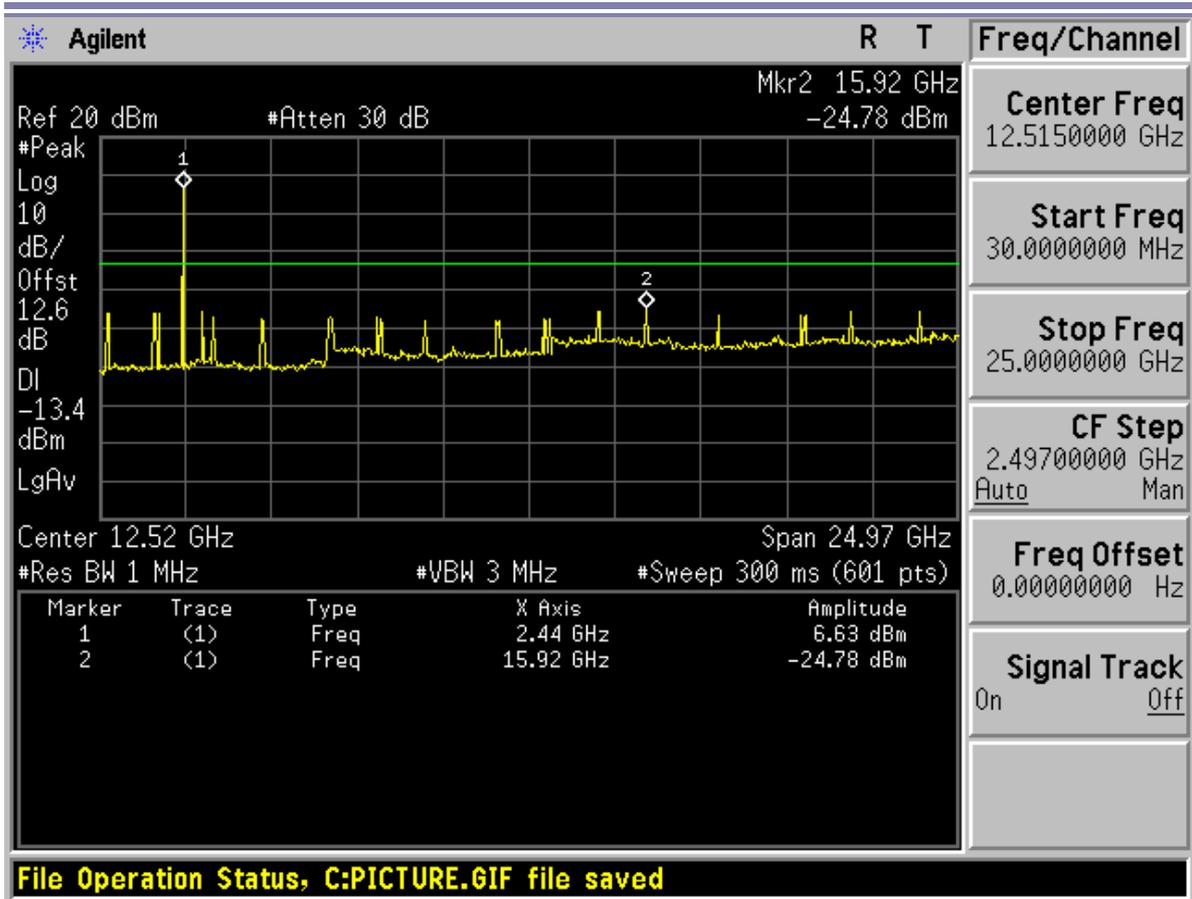




Channel 40

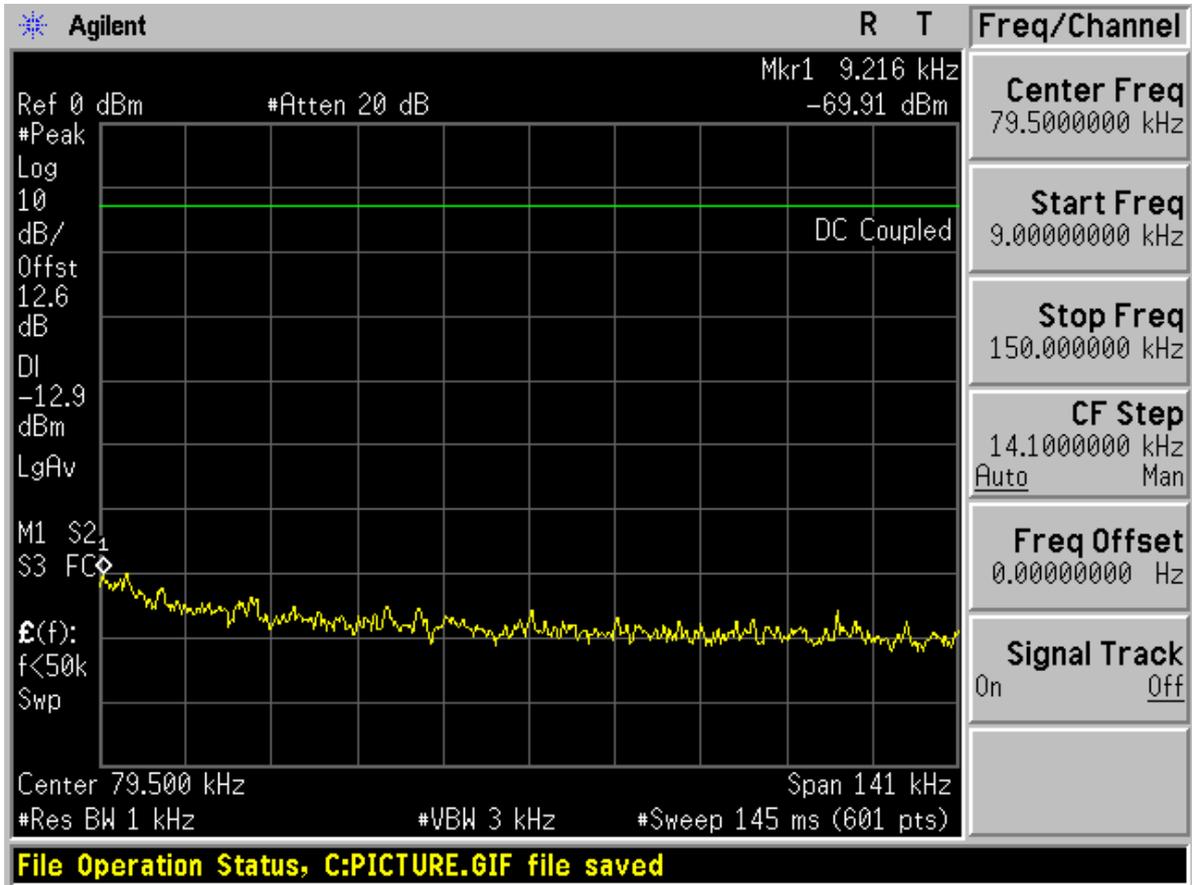


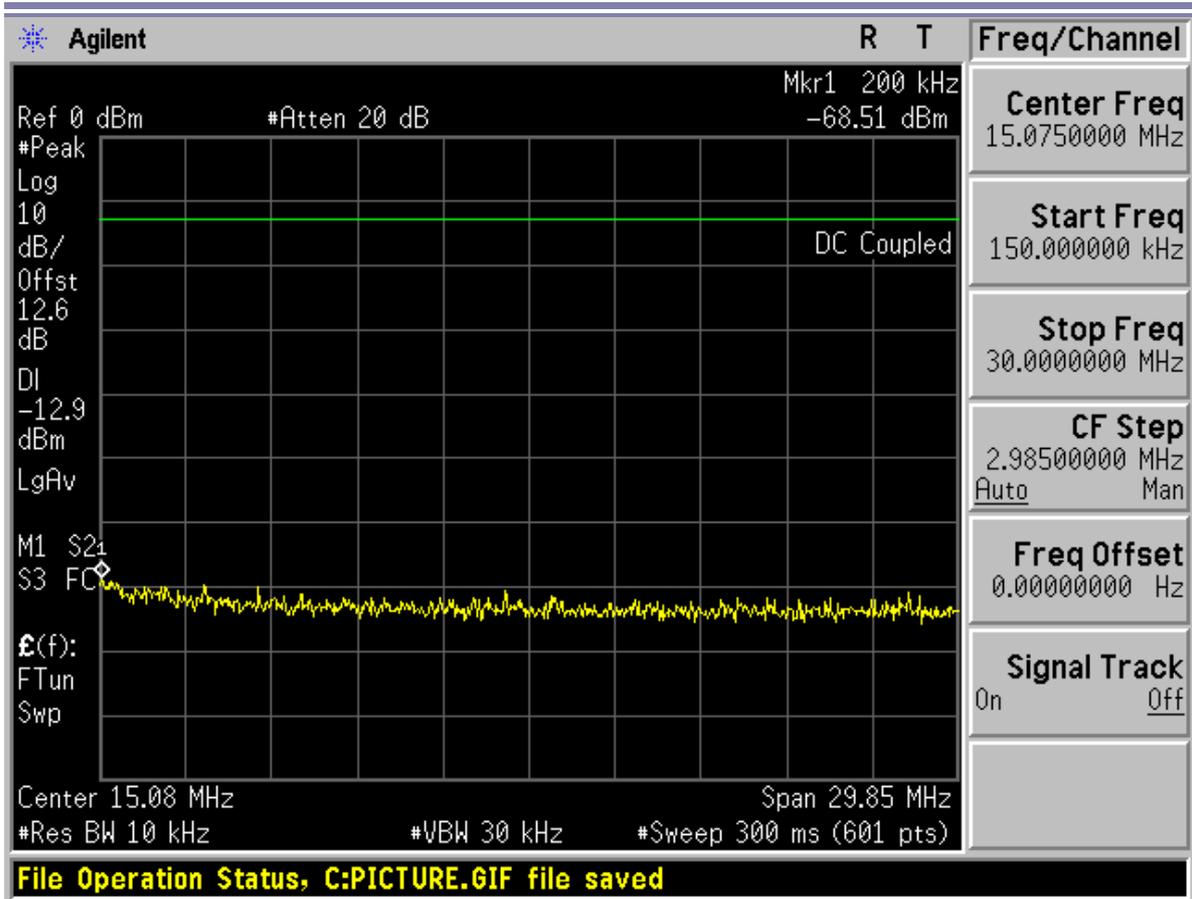


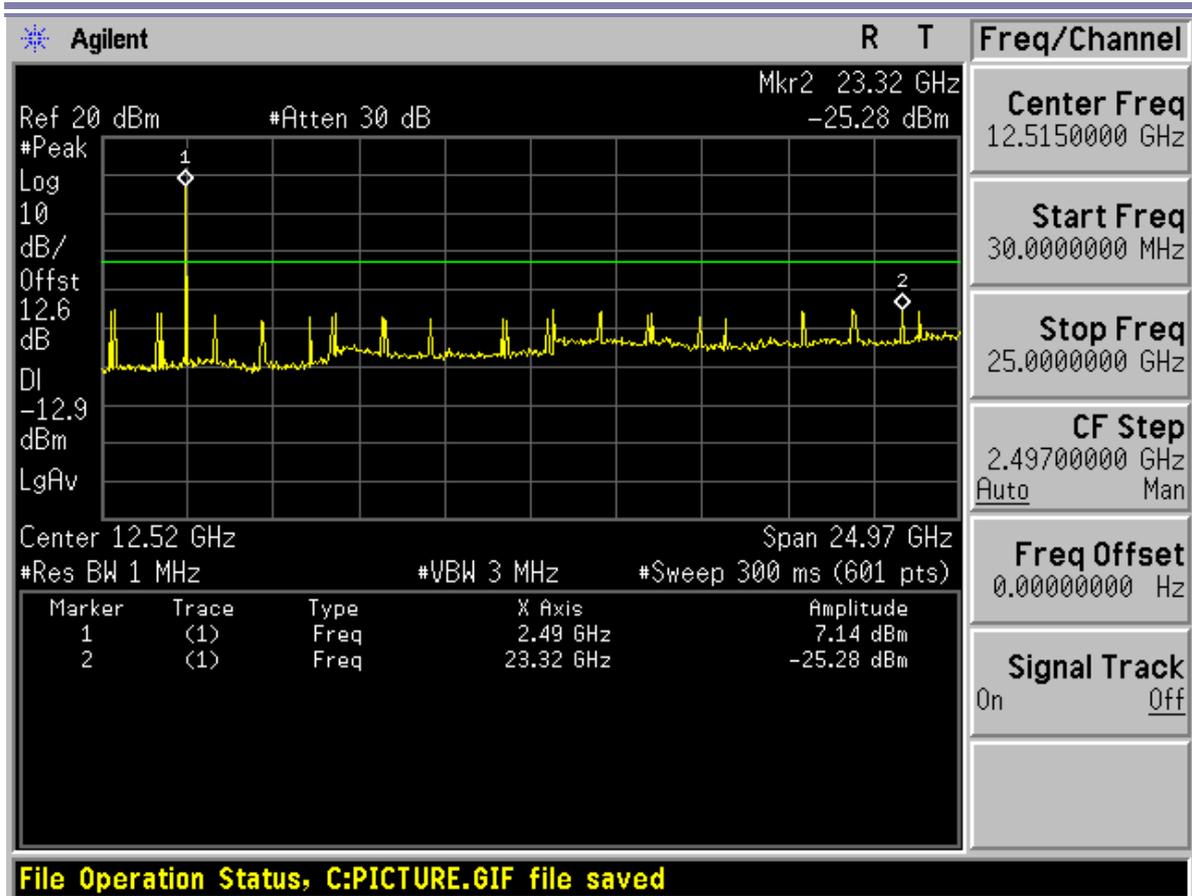




Channel 78









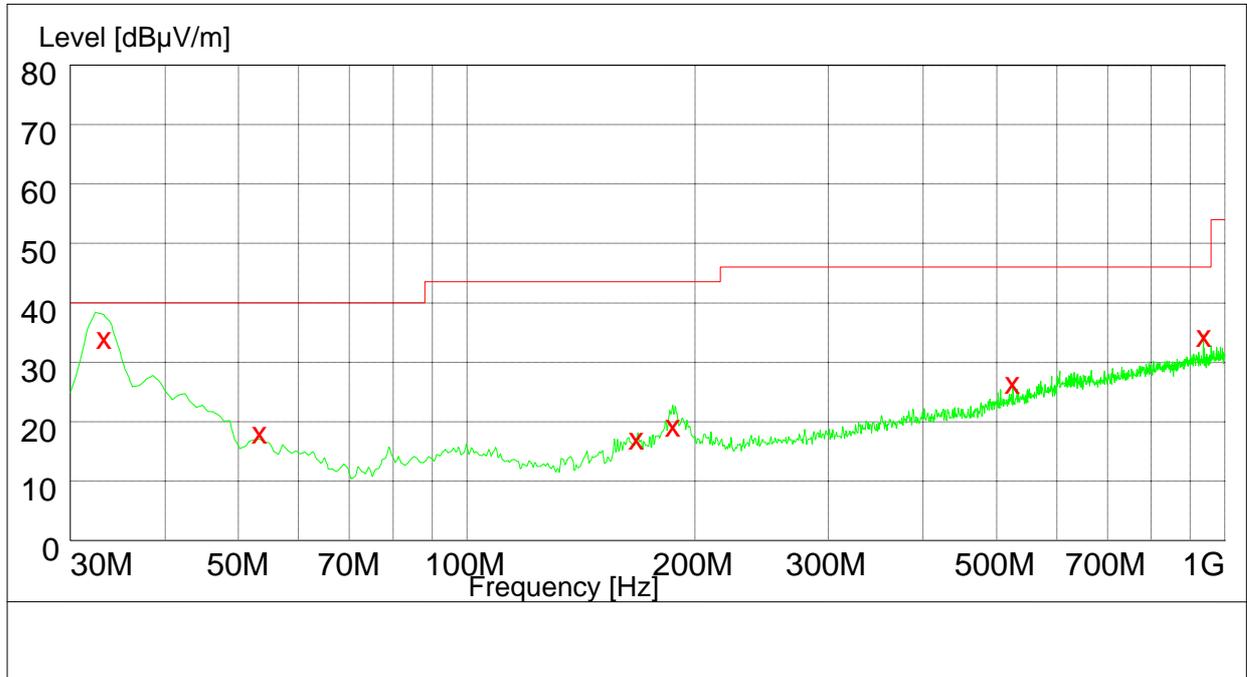
Appendix H

Radiated spurious emission

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



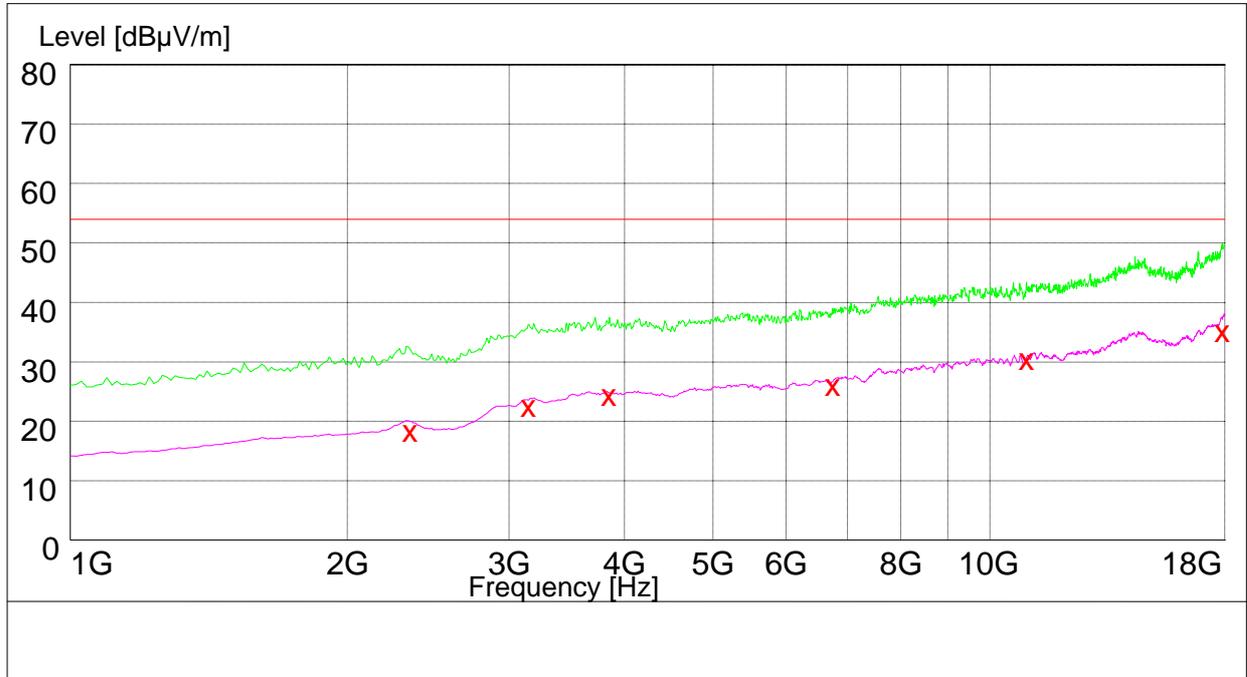
Channel 0 30MHz to 1GHz



Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Plarization
33.180000	35.60	11.7	40.0	4.4	100.0	239.00	VERTICAL
53.220000	19.70	12.7	40.0	20.3	104.0	360.00	VERTICAL
167.340000	18.60	9.9	43.5	24.9	159.0	313.00	HORIZONTAL
186.780000	20.70	11.6	43.5	22.8	142.0	296.00	HORIZONTAL
524.700000	28.10	20.8	46.0	17.9	223.0	0.00	VERTICAL
938.220000	35.90	26.5	46.0	10.1	243.0	265.00	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
2339.500000	19.80	-11.7	54.0	34.2	100.0	92.00	HORIZONTAL
3145.000000	22.80	-8.5	54.0	31.2	102.0	111.00	VERTICAL
3853.500000	24.30	-6.2	54.0	29.7	145.0	103.00	HORIZONTAL
6740.000000	26.20	-0.6	54.0	27.8	107.0	5.00	HORIZONTAL
10960.500000	30.30	6.6	54.0	23.7	120.0	358.00	VERTICAL
17875.500000	36.70	16.5	54.0	17.3	127.0	0.00	HORIZONTAL

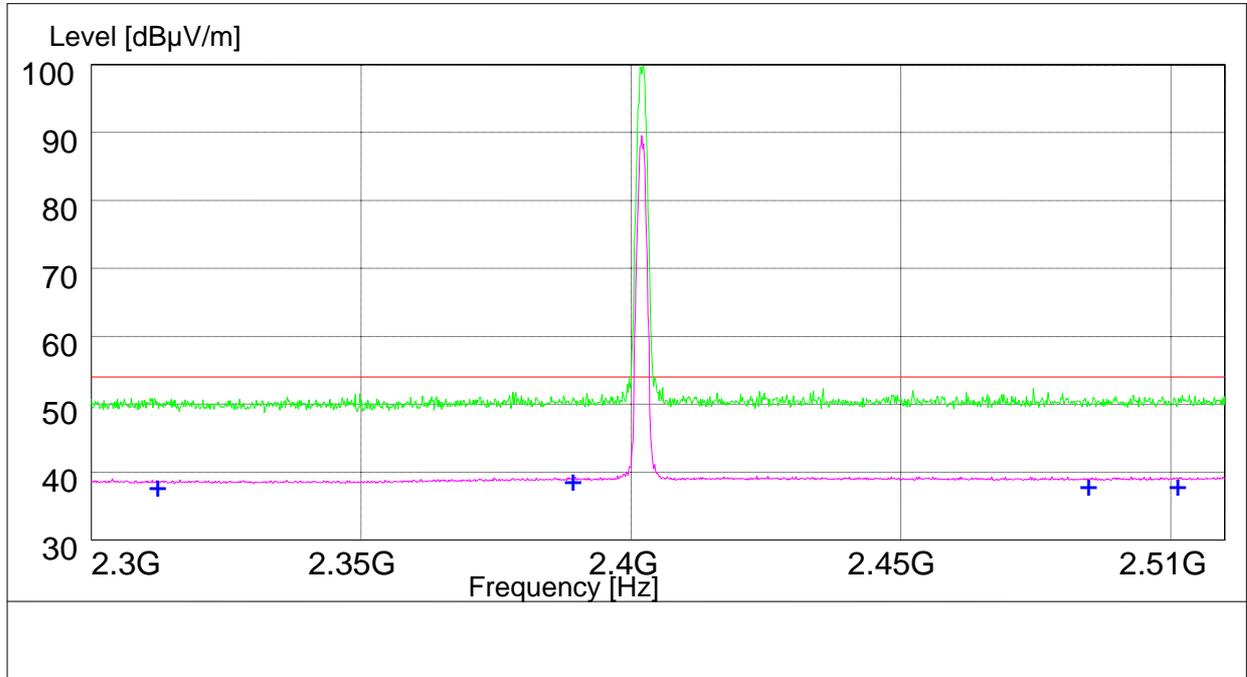


18GHz to 26GHz

Note: No peak found in pre- test.



2GHz to 3GHz

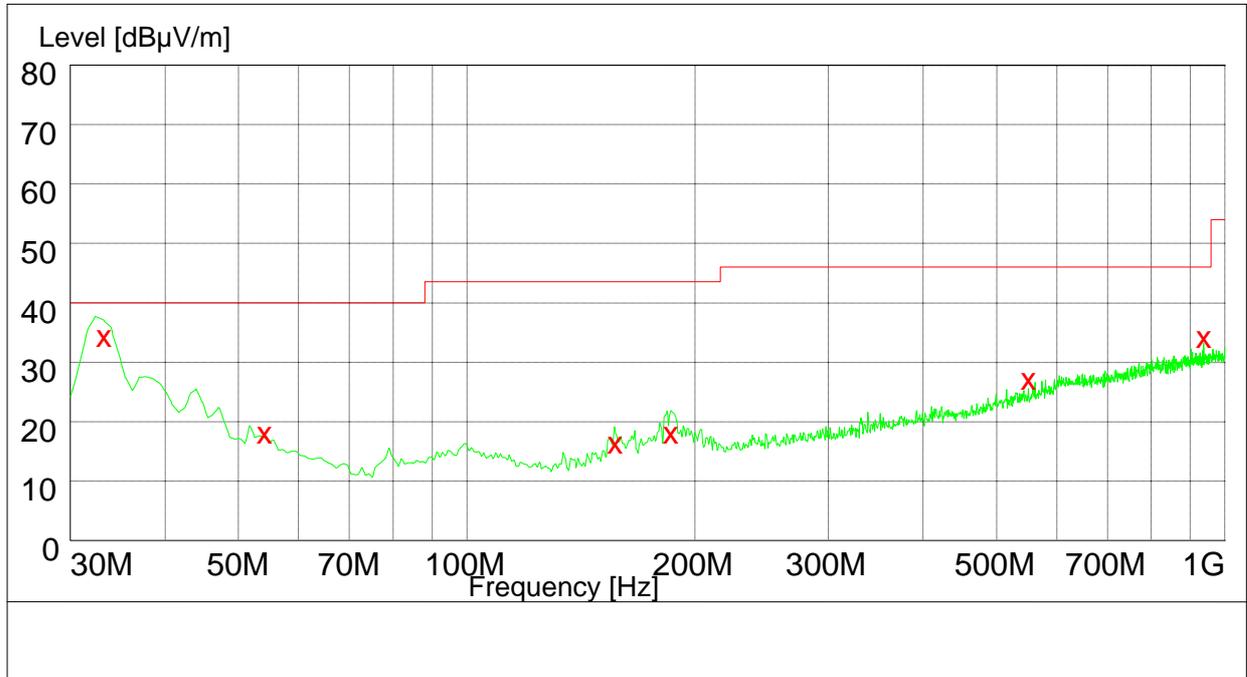


Note: The highest peak exceeds the limit line is carrier frequency.

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	100.0	188.00	VERTICAL
2390.000000	38.80	33.5	54.0	15.2	109.0	349.00	VERTICAL
2483.500000	38.40	33.7	54.0	15.6	100.0	298.00	HORIZONTAL
2500.000000	38.40	33.8	54.0	15.6	182.0	102.00	HORIZONTAL



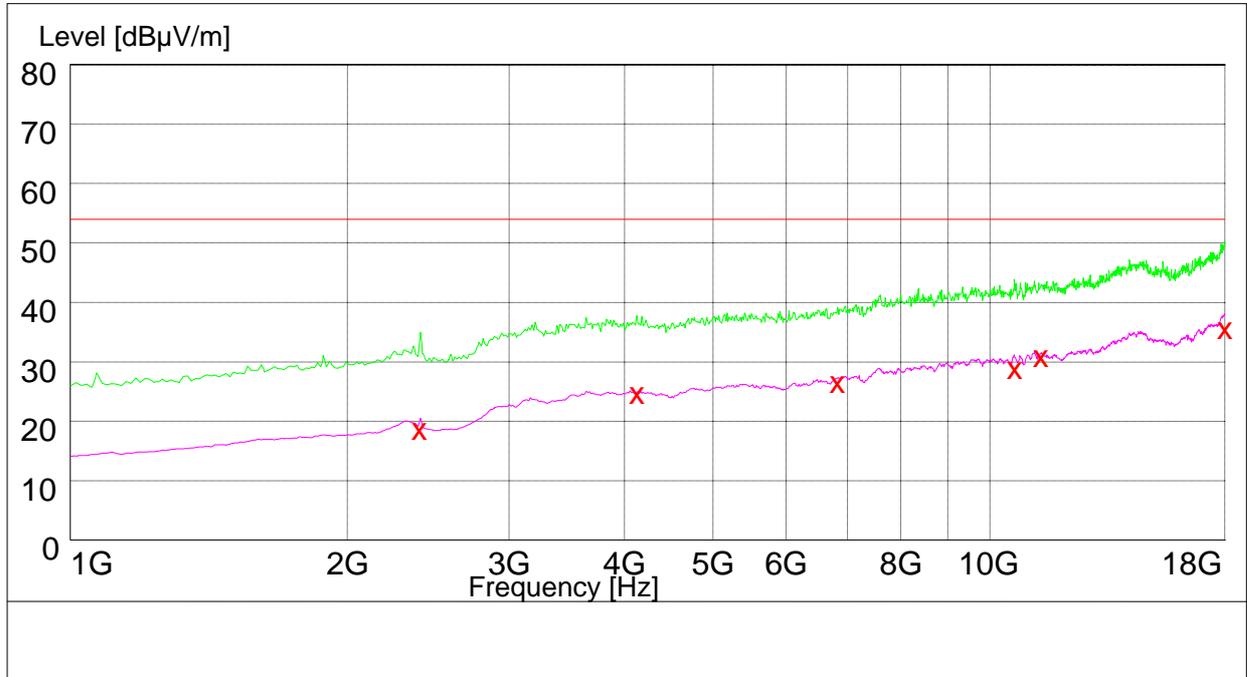
Channel 40 30MHz to 1GHz



Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
33.180000	35.80	11.7	40.0	4.2	100.0	214.00	VERTICAL
54.060000	19.60	12.7	40.0	20.4	145.0	314.00	VERTICAL
156.840000	17.90	9.4	43.5	25.6	131.0	360.00	VERTICAL
185.880000	19.60	11.5	43.5	23.9	101.0	290.00	HORIZONTAL
551.040000	28.70	21.4	46.0	17.3	154.0	73.00	HORIZONTAL
938.220000	35.70	26.5	46.0	10.3	264.0	80.00	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
2393.500000	18.90	-11.6	54.0	35.1	100.0	159.00	HORIZONTAL
4126.500000	24.60	-5.7	54.0	29.4	121.0	359.00	VERTICAL
6824.000000	27.00	-0.3	54.0	27.0	110.0	326.00	VERTICAL
10632.000000	30.40	6.1	54.0	23.6	102.0	308.00	HORIZONTAL
11724.500000	31.30	7.0	54.0	22.7	108.0	351.00	HORIZONTAL
17999.500000	37.00	17.3	54.0	17.0	109.0	332.00	VERTICAL

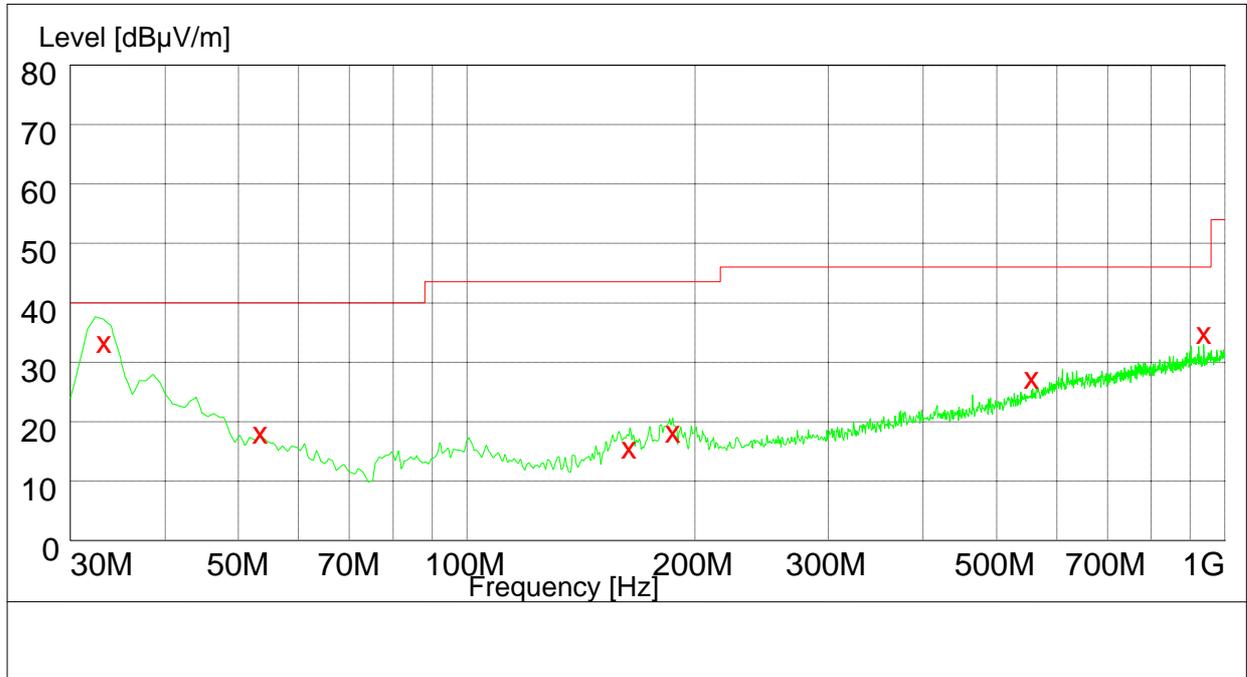


18GHz to 26GHz

Note: No peak found in pre- test.



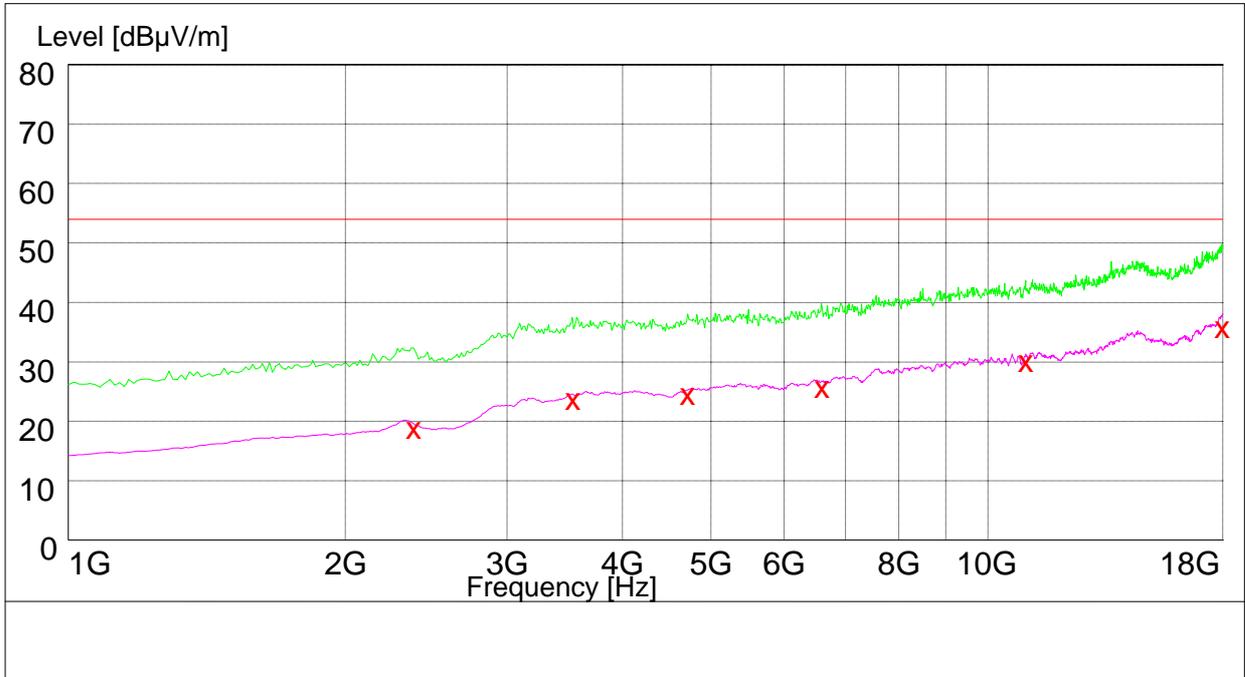
Channel 78 30MHz to 1GHz



Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
33.180000	34.90	11.7	40.0	5.1	100.0	358.00	VERTICAL
53.400000	19.60	12.7	40.0	20.4	140.0	319.00	VERTICAL
163.500000	17.10	9.7	43.5	26.4	104.0	341.00	HORIZONTAL
187.080000	19.80	11.6	43.5	23.7	178.0	283.00	HORIZONTAL
556.200000	28.90	21.6	46.0	17.1	110.0	278.00	HORIZONTAL
938.220000	36.50	26.5	46.0	9.5	107.0	360.00	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
2374.500000	19.40	-11.6	54.0	34.6	100.0	188.00	HORIZONTAL
3536.500000	24.30	-7.3	54.0	29.7	125.0	199.00	VERTICAL
4713.000000	25.10	-4.3	54.0	28.9	124.0	222.00	HORIZONTAL
6596.500000	26.30	-0.8	54.0	27.7	114.0	72.00	HORIZONTAL
10983.500000	30.60	6.7	54.0	23.4	128.0	150.00	HORIZONTAL
17960.500000	37.20	17.1	54.0	16.8	187.0	5.00	VERTICAL

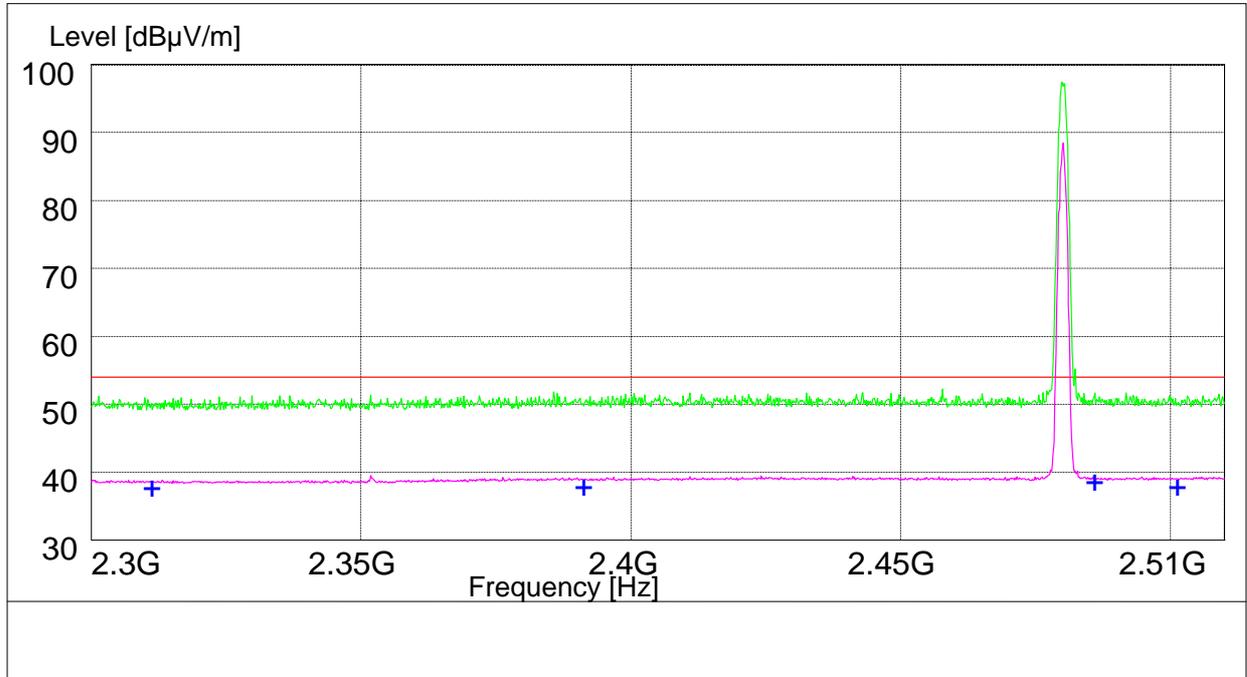


18GHz to 26GHz

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	198.0	56.00	VERTICAL
2390.000000	38.40	33.5	54.0	15.6	196.0	177.00	VERTICAL
2483.500000	39.40	33.7	54.0	14.6	138.0	320.00	HORIZONTAL
2500.000000	38.40	33.8	54.0	15.6	155.0	302.00	VERTICAL



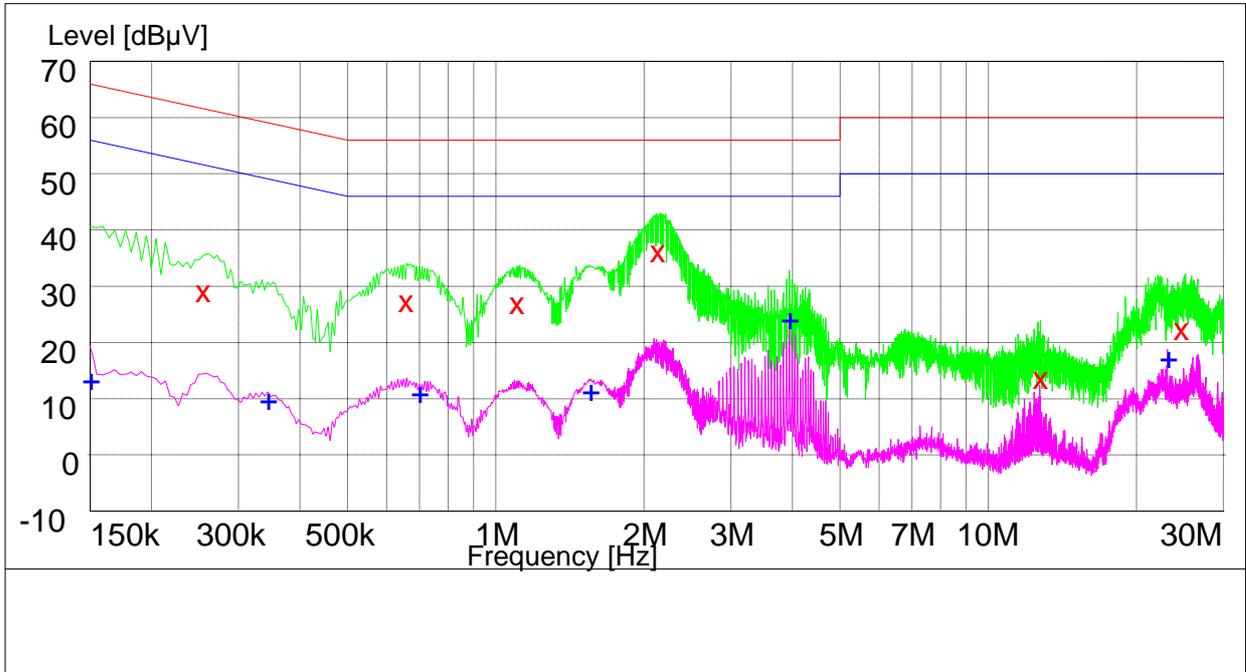
Appendix I

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
0.254000	30.80	10.0	62	31.2	N	FLO
0.656000	29.00	10.1	56	27.0	N	FLO
1.104000	28.60	10.1	56	27.4	N	FLO
2.132000	37.90	10.1	56	18.1	N	FLO
12.766000	15.40	10.3	60	44.6	N	FLO
24.652000	24.00	10.4	60	36.0	N	FLO

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Line	PE
0.150000	15.00	10.1	56	41.0	N	FLO
0.344000	11.30	10.0	49	37.7	N	FLO
0.698000	12.60	10.1	46	33.4	N	FLO
1.554000	13.10	10.1	46	32.9	N	FLO
3.940000	25.80	10.2	46	20.2	N	FLO
23.128000	18.90	10.4	50	31.1	N	FLO



Appendix J

Photos of Test Setup



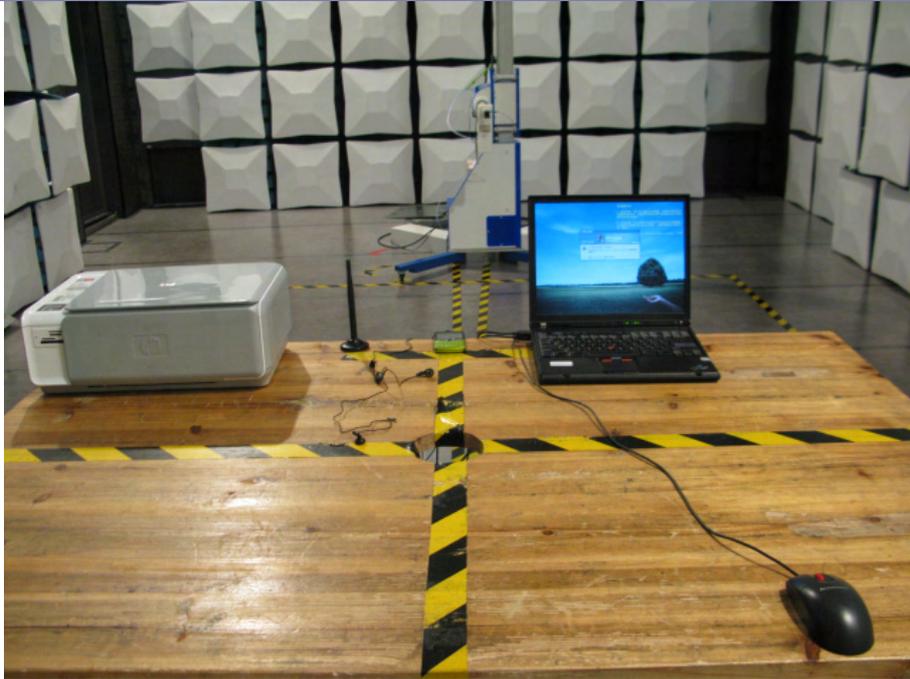
1 Radiated Spurious Emissions



Radiated Spurious Emission (below 2GHz)

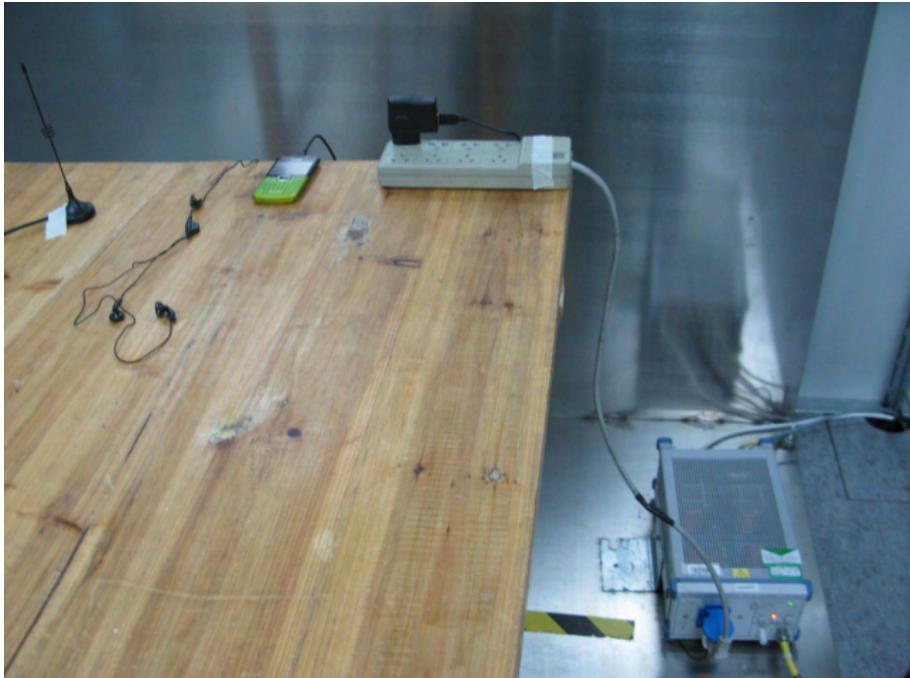


Radiated Spurious Emission (2GHz to18GHz)



Radiated Spurious Emission (above 18GHz)

2 Conducted Emissions



Conducted Emissions for AC Ports