



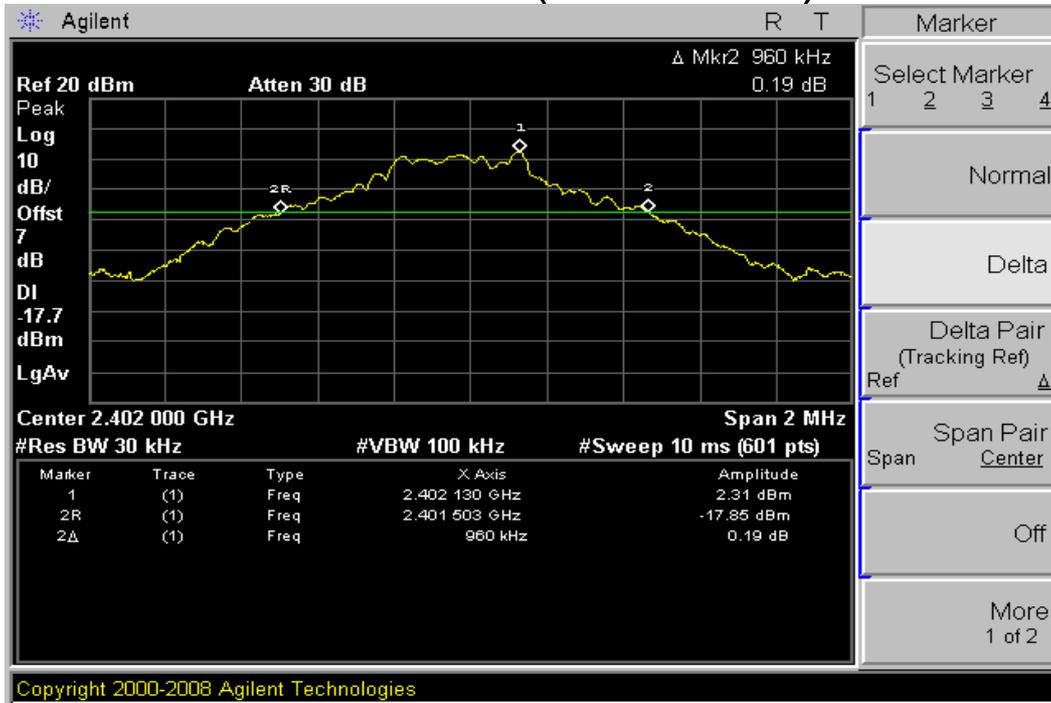
Appendix A

20dB bandwidth measurement

According to FCC Part 15.247 (a) (1)

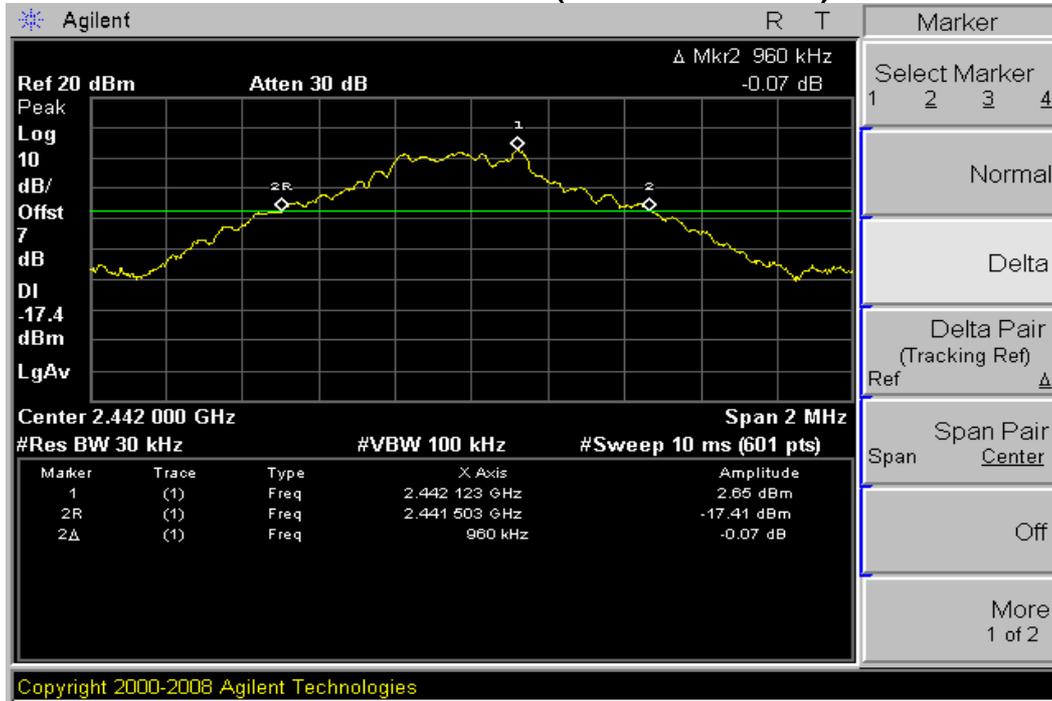


Channel 0 (2402MHz)



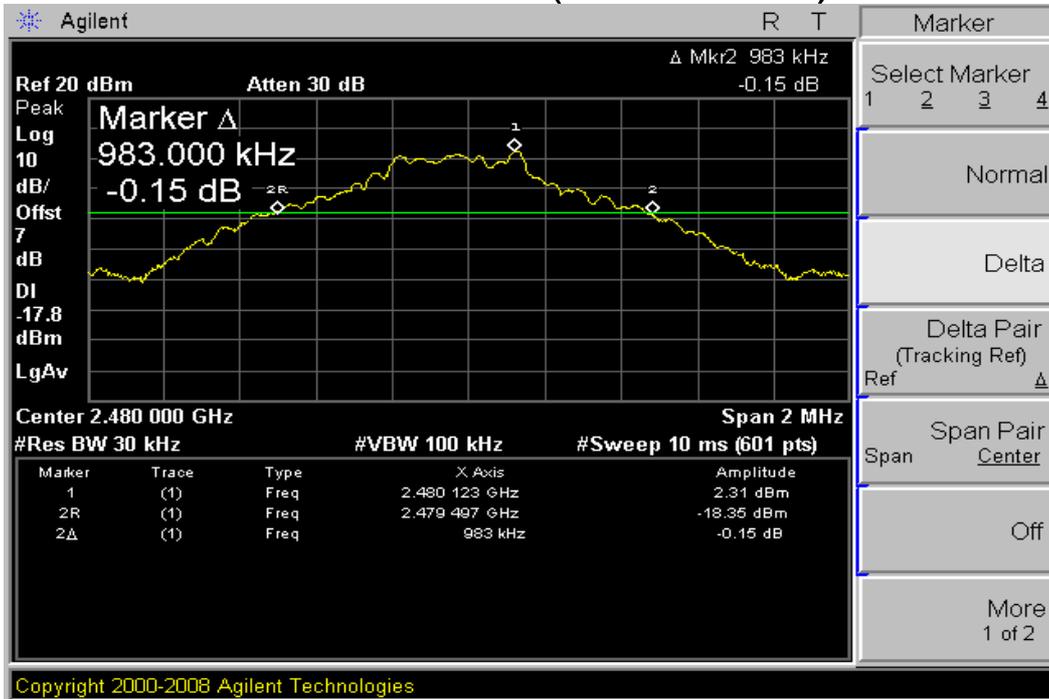


Channel 40 (2442MHz)





Channel 78 (2480MHz)





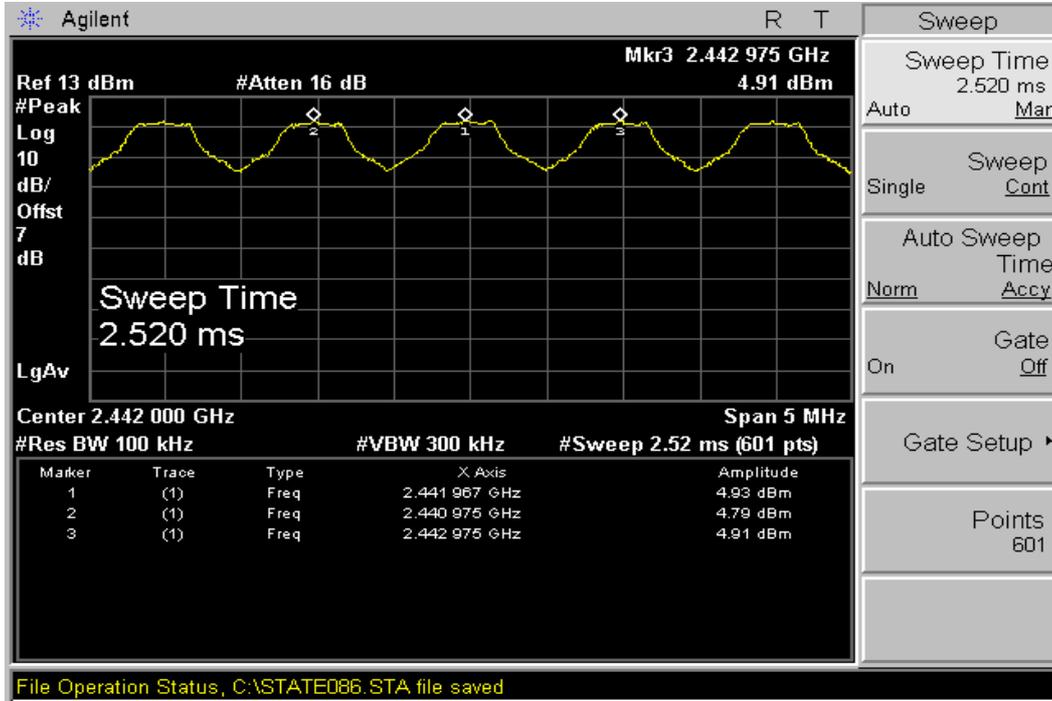
Appendix B

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



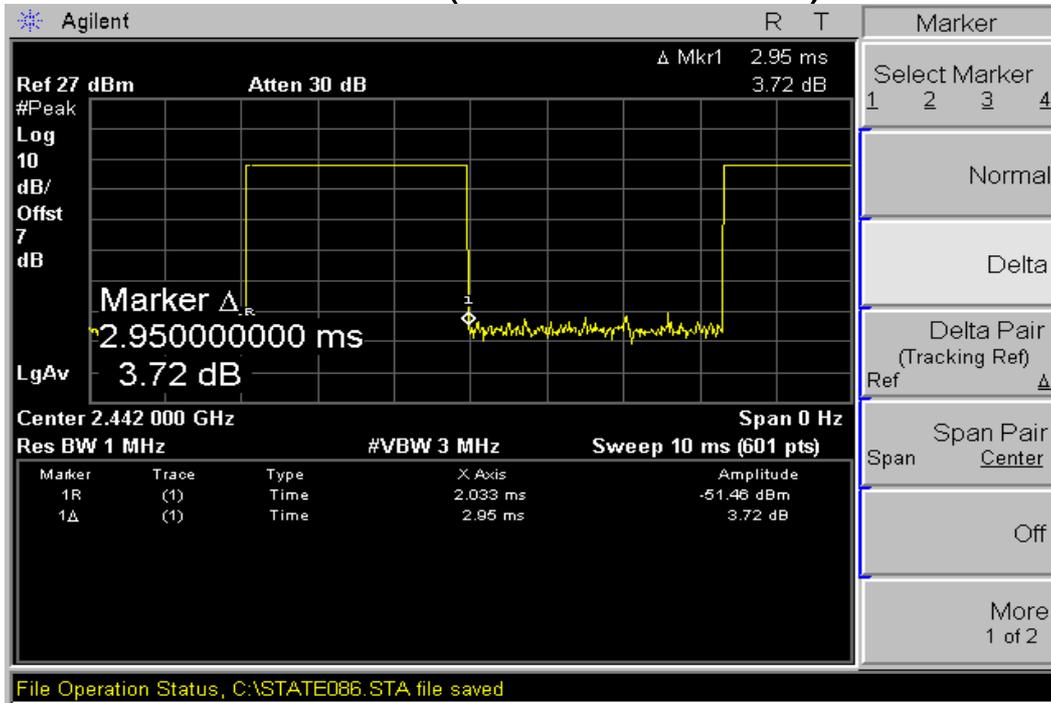
Appendix D

Time of occupancy

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

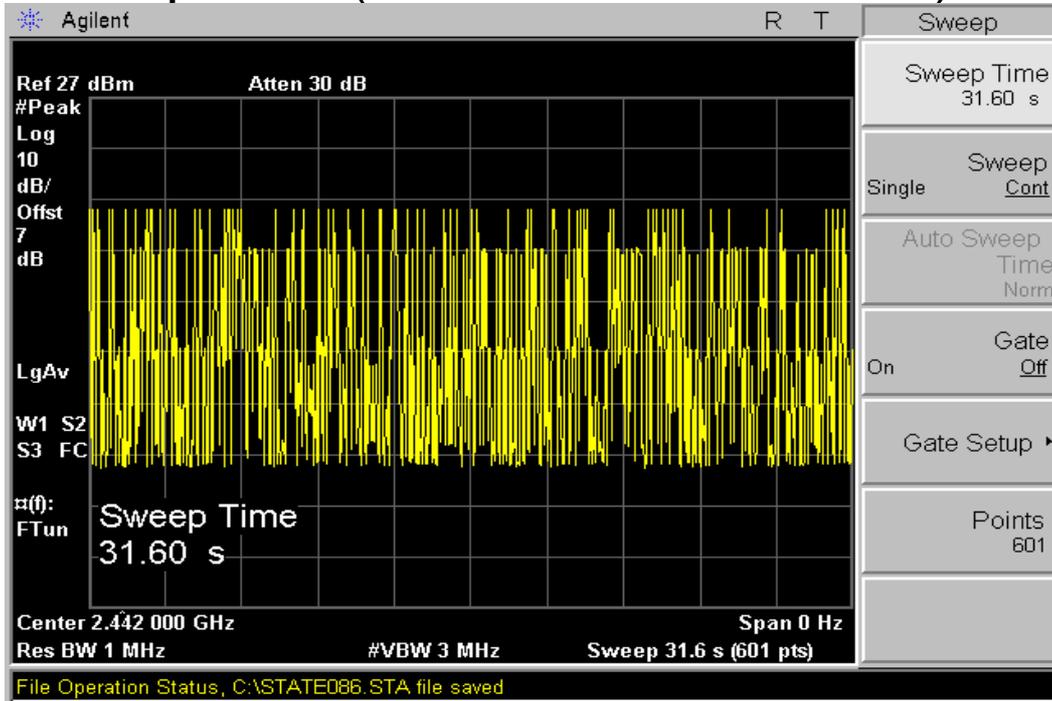


A burst (One time slot)





A period (Less than 106.7 burst)





Appendix E

Peak output power

According to FCC Part 15.247 (b) (1)

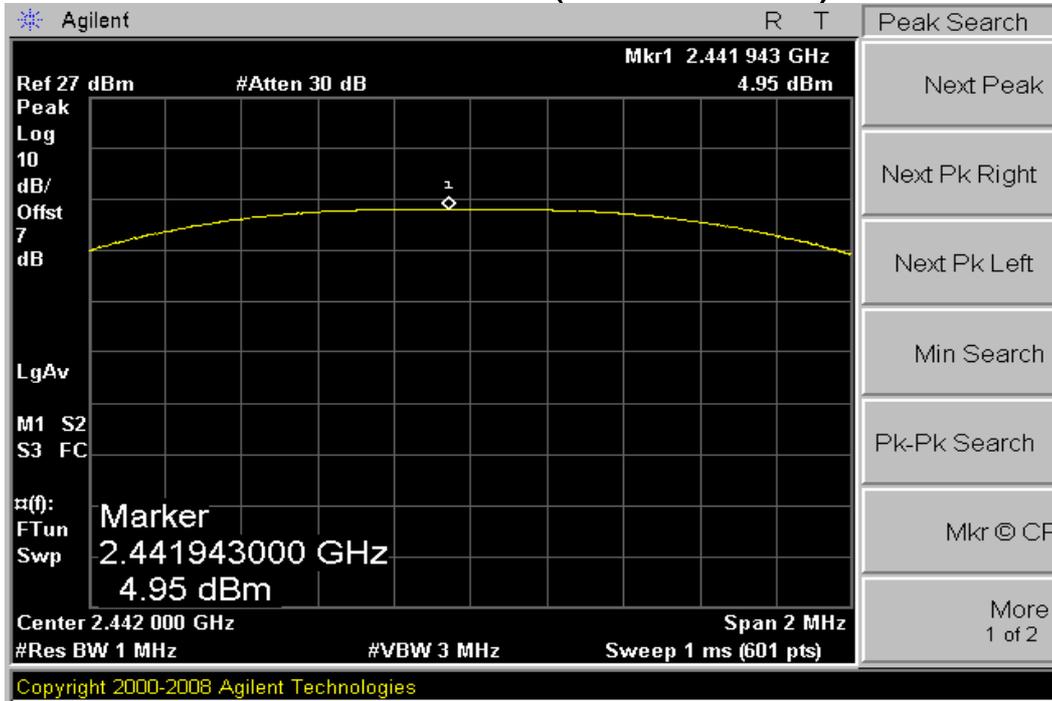


Channel 0 (2402MHz)



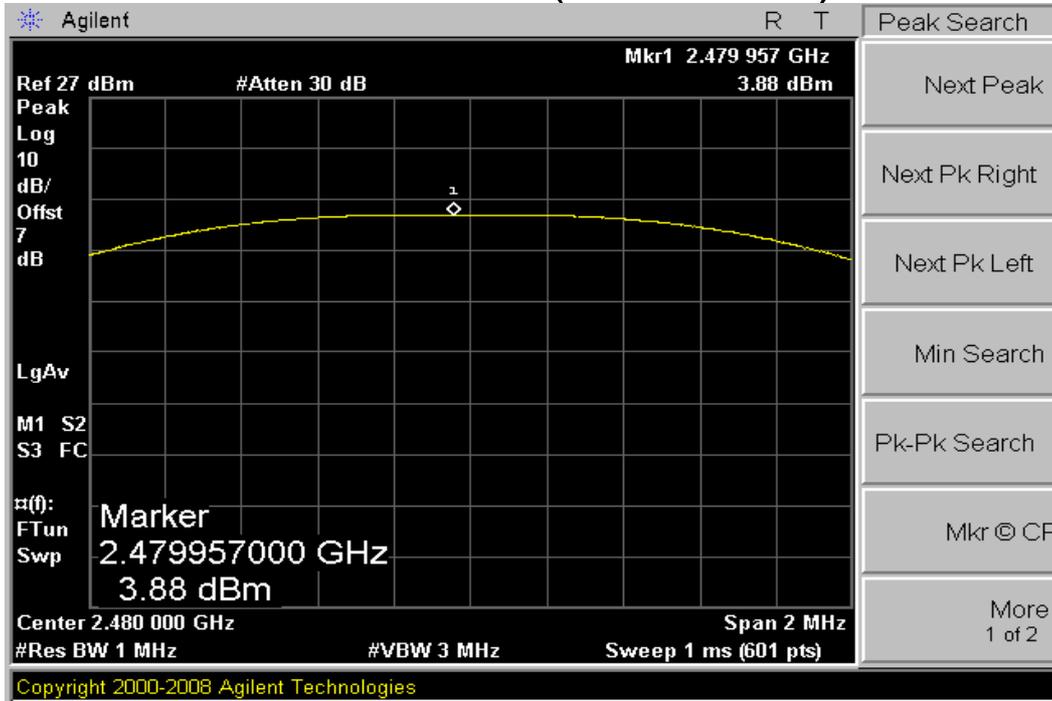


Channel 40 (2442MHz)





Channel 78 (2480MHz)





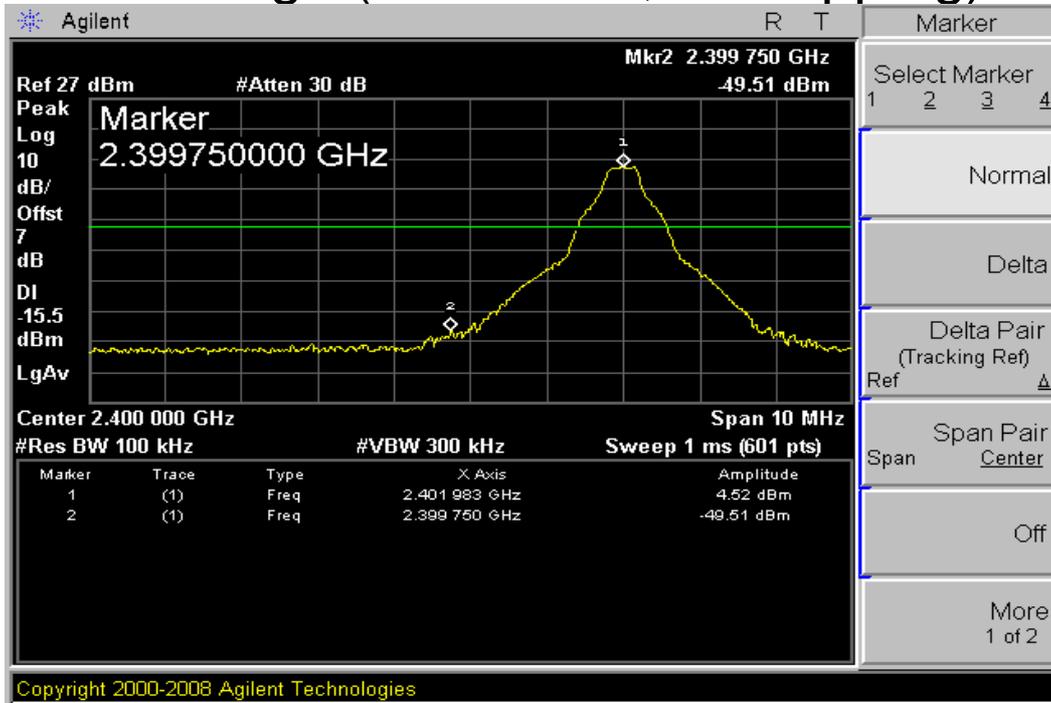
Appendix F

Band edge spurious emission

According to FCC Part 15.247 (d)

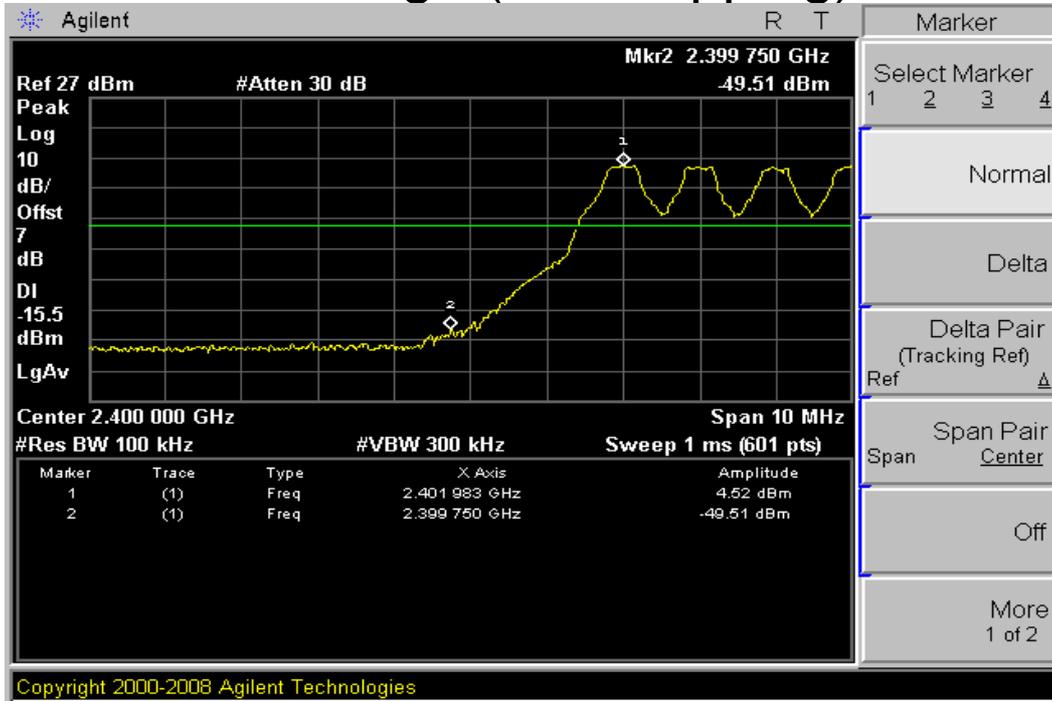


Low edge (Channel 0, no hopping)



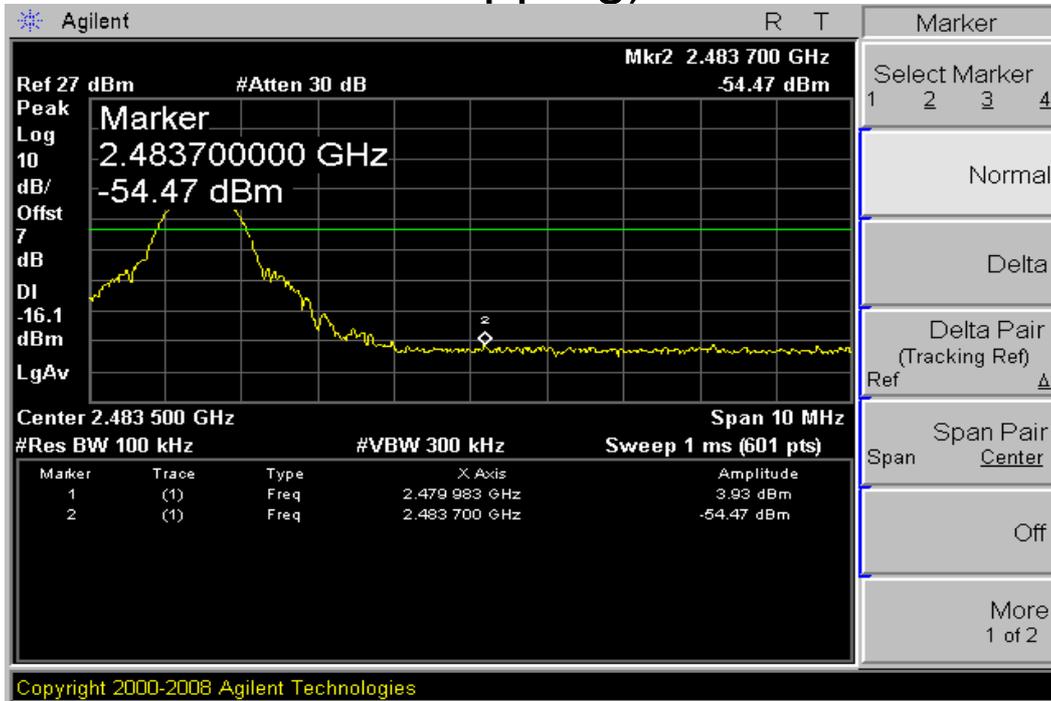


Low edge (with hopping)



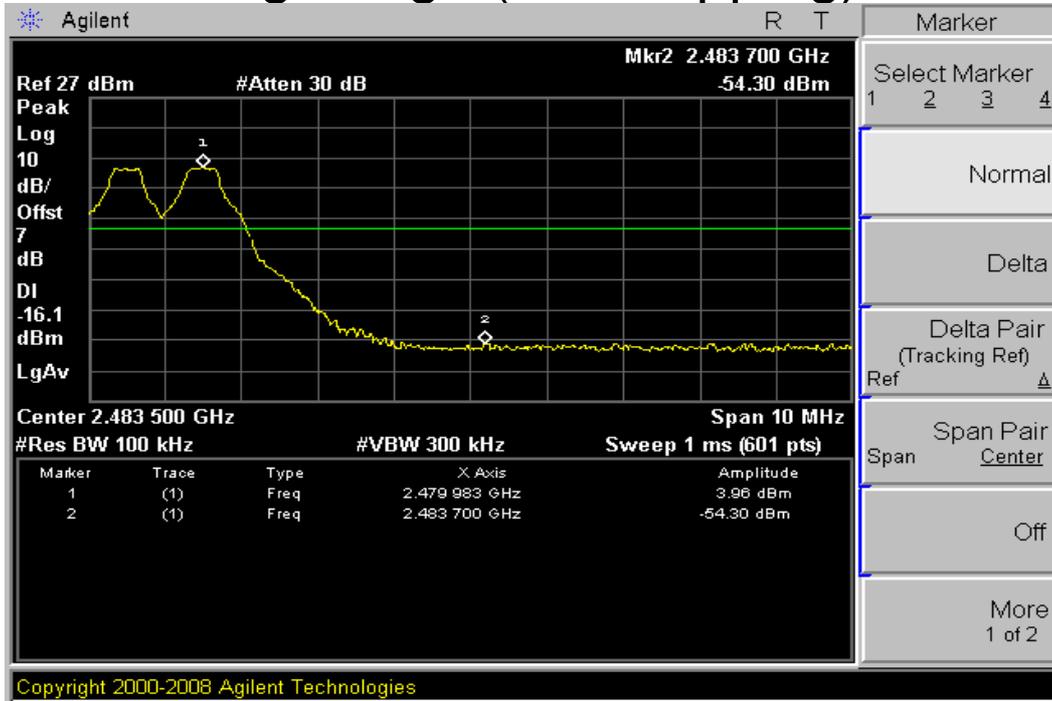


High edge (Channel 78, no hopping)





High edge (with hopping)





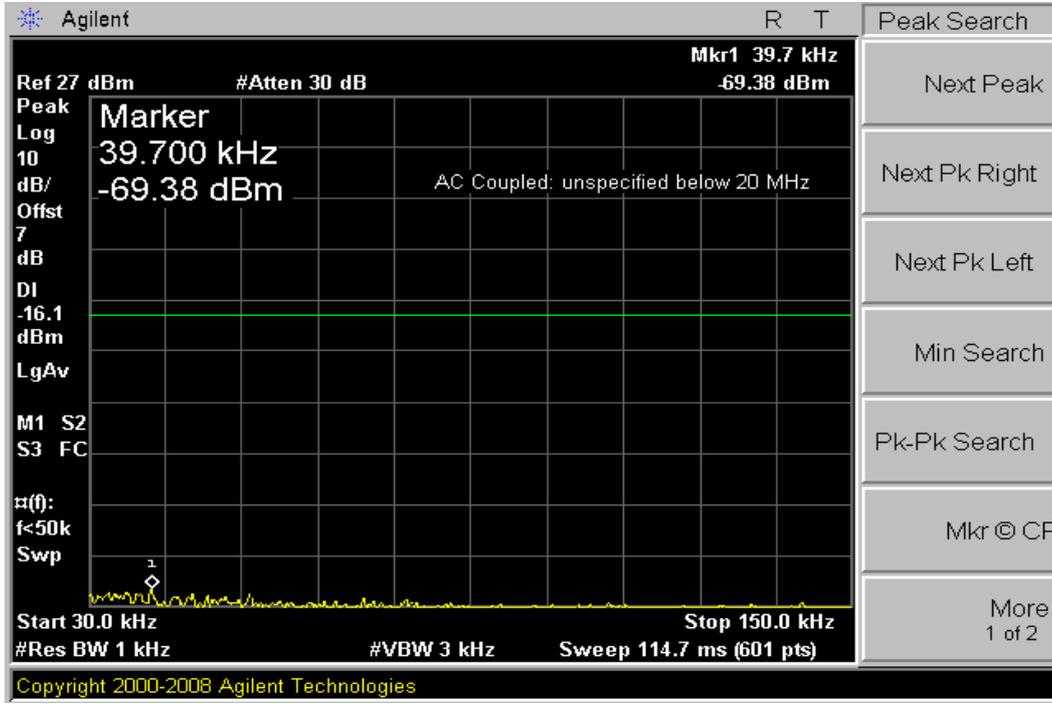
Appendix G

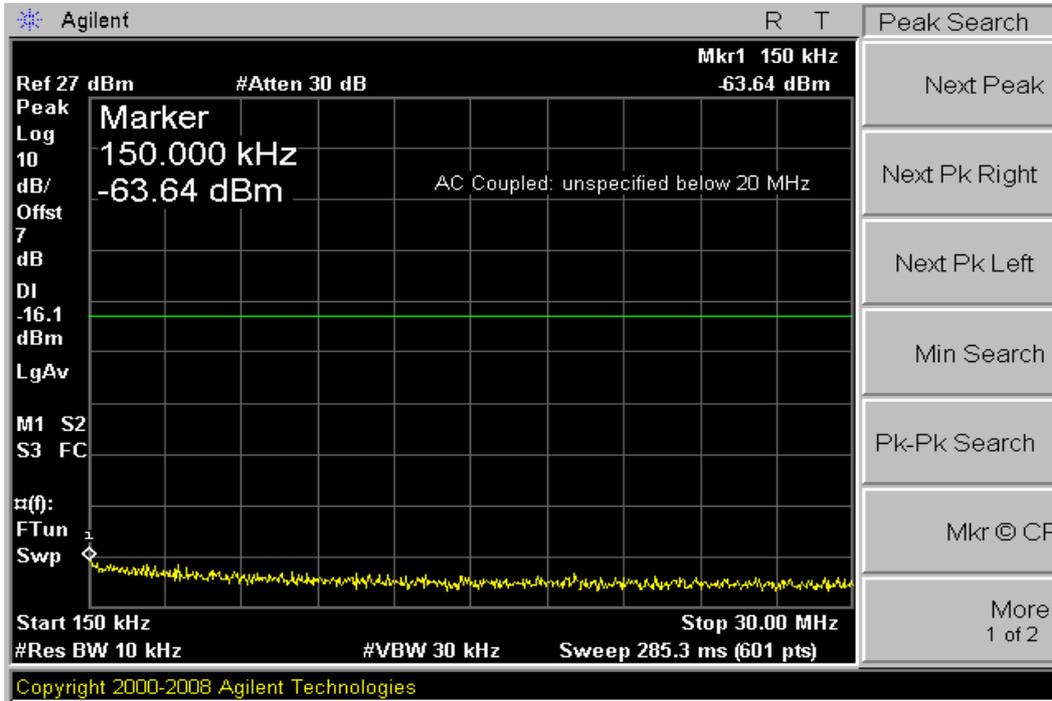
Conducted RF spurious

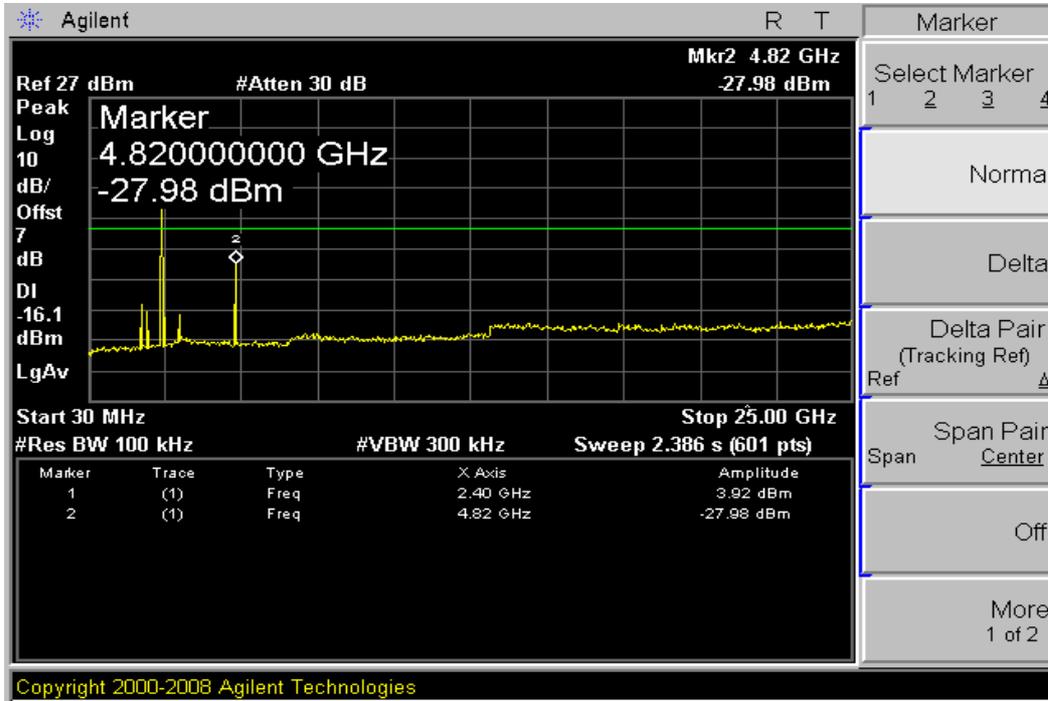
According to FCC Part 15.247 (d)



Channel 0

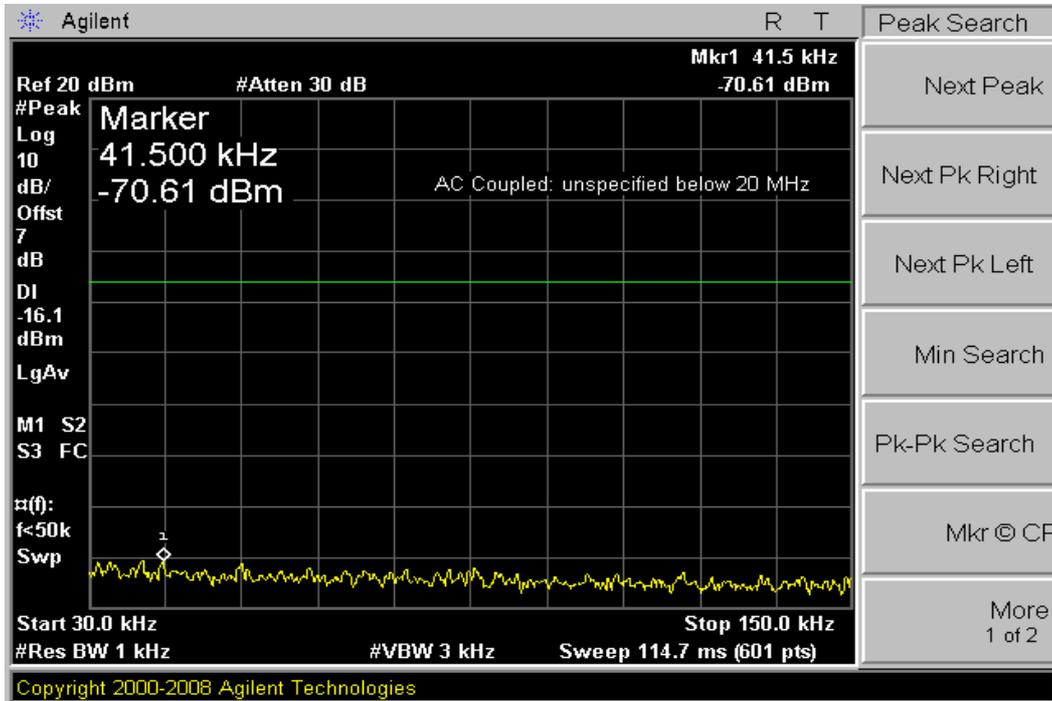


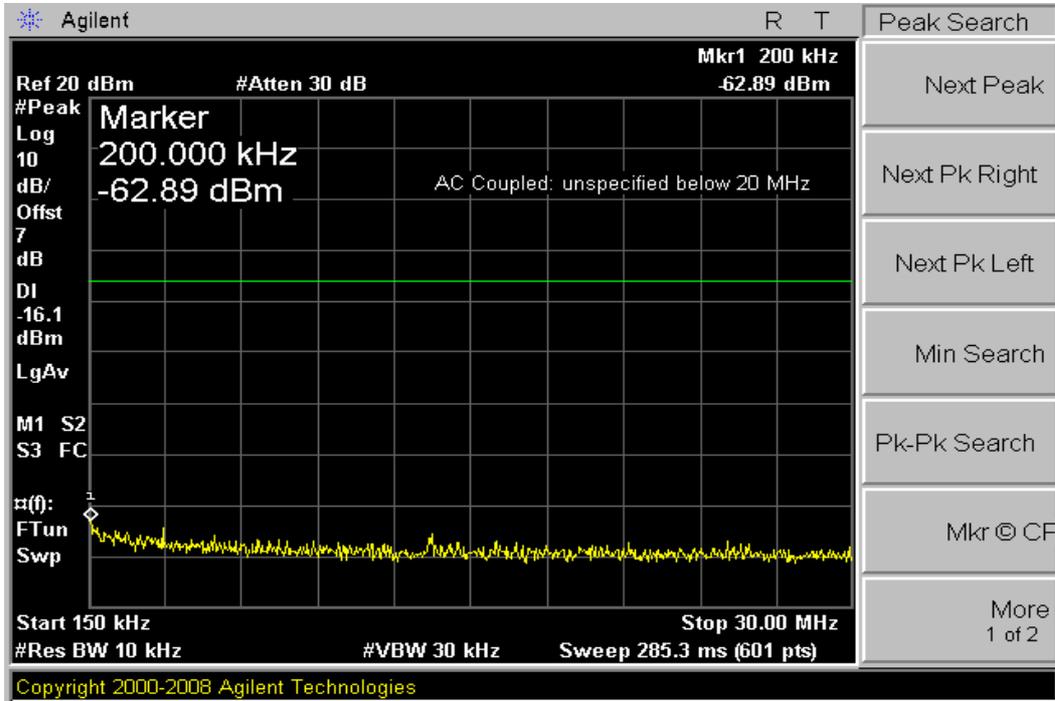


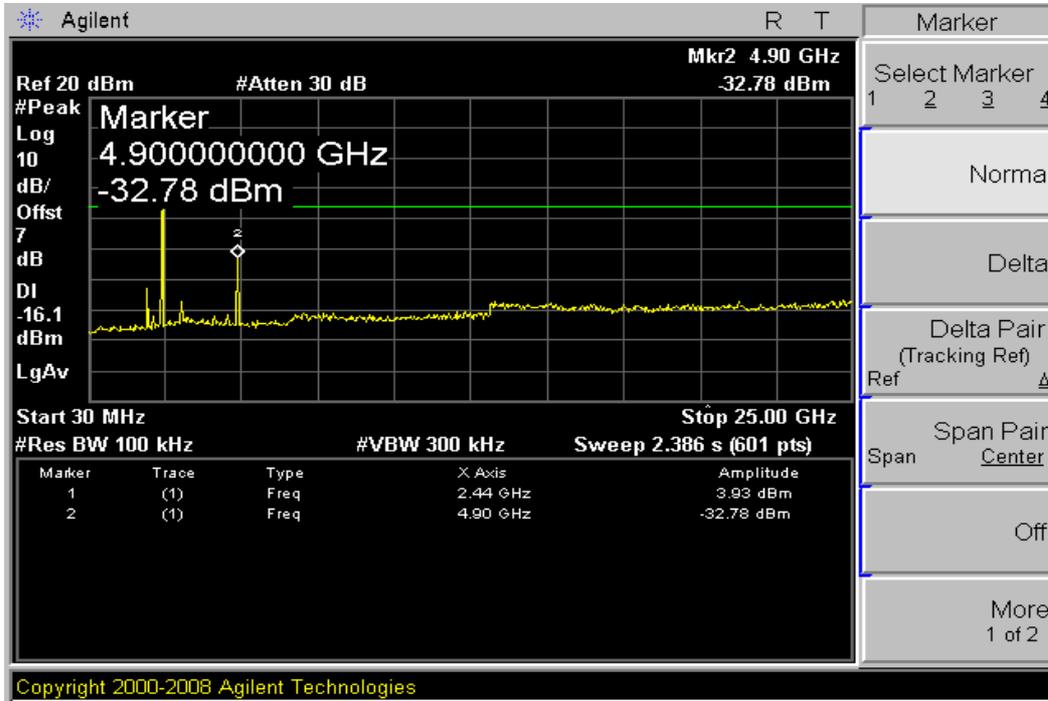




Channel 40

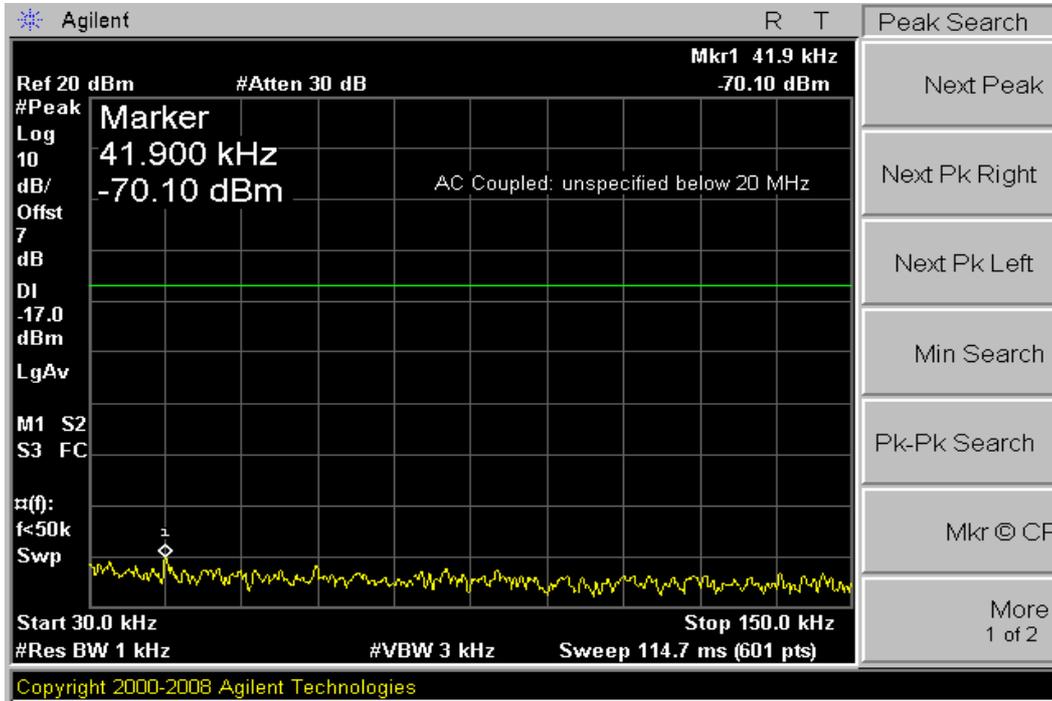


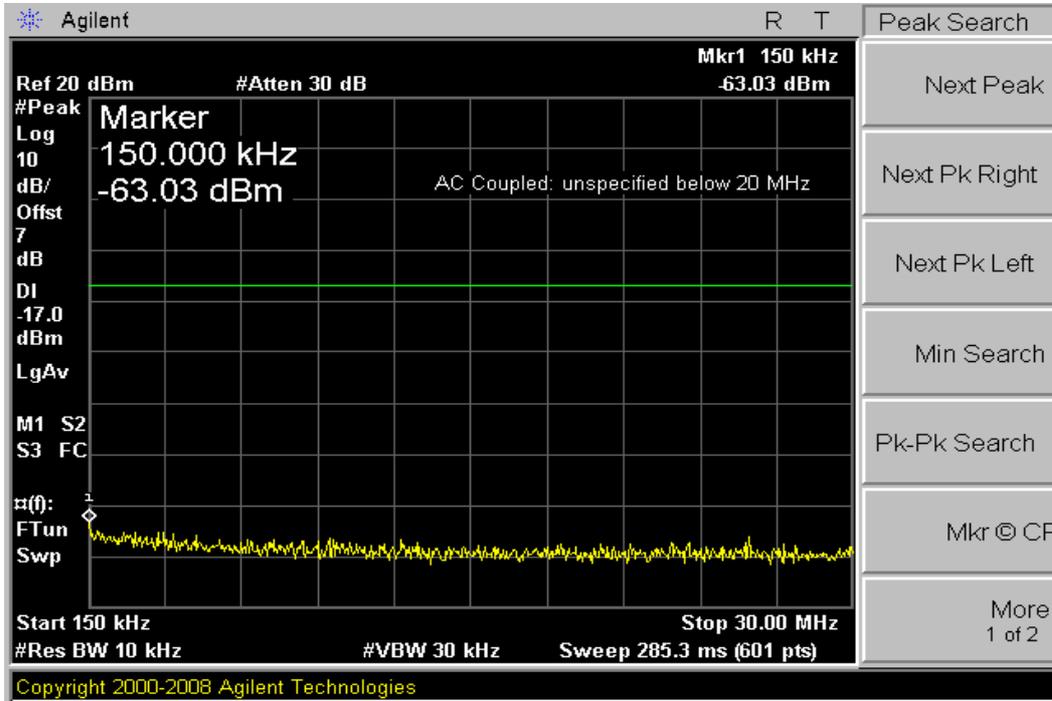


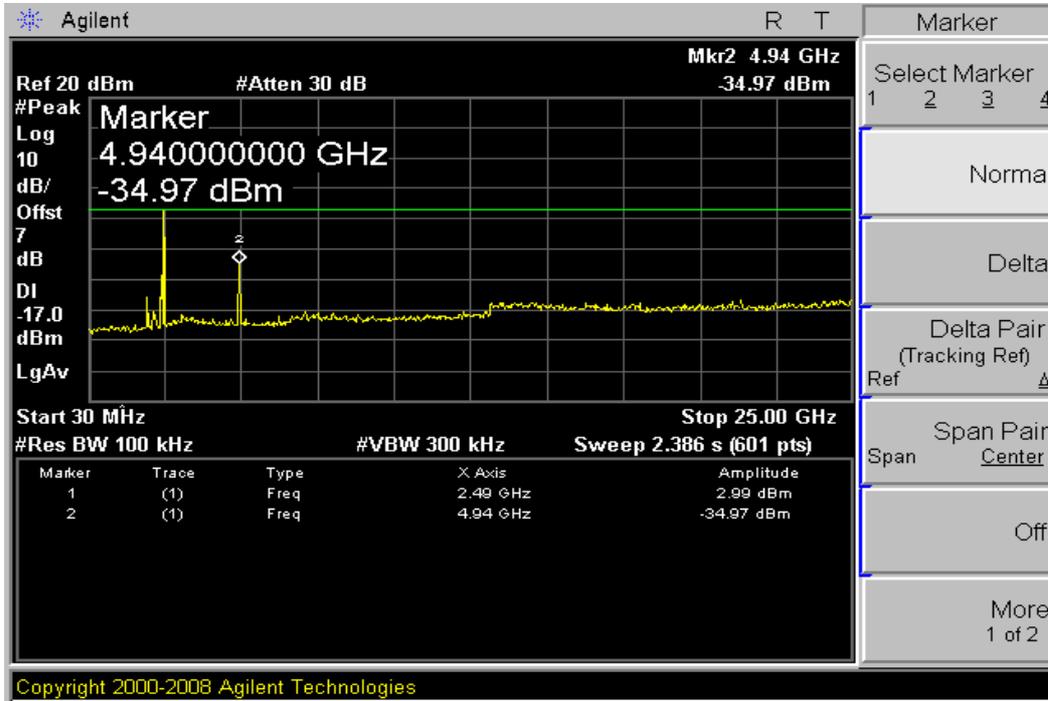




Channel 78









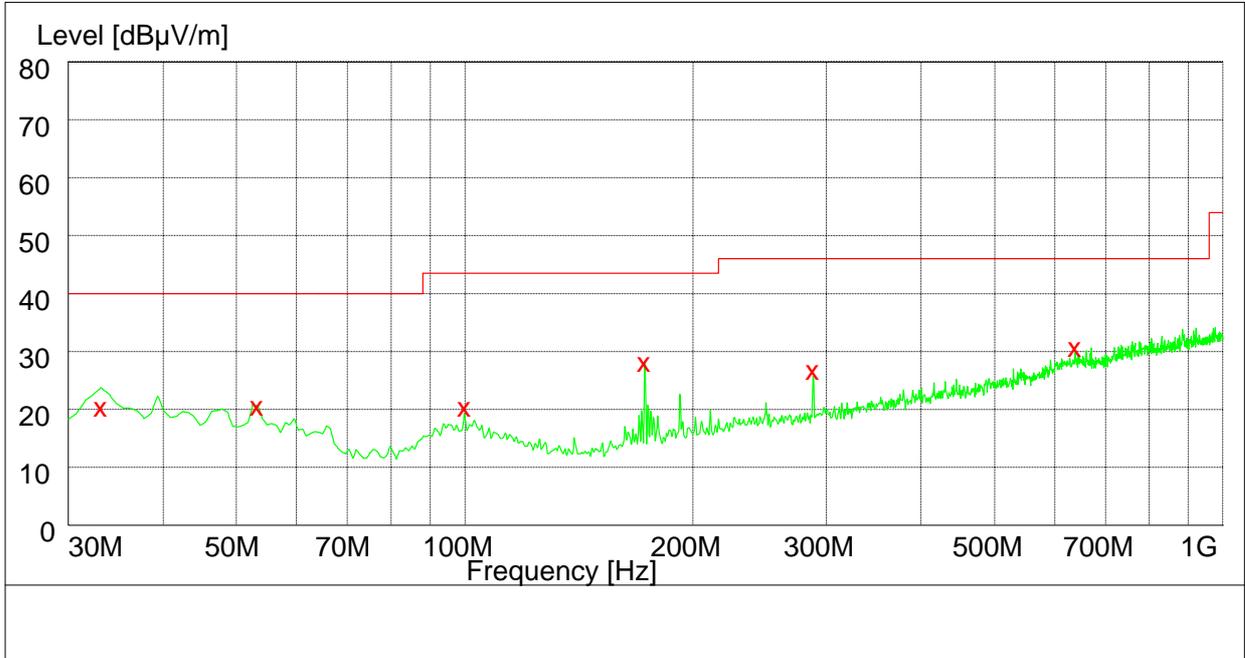
Appendix H

Radiated spurious emission

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



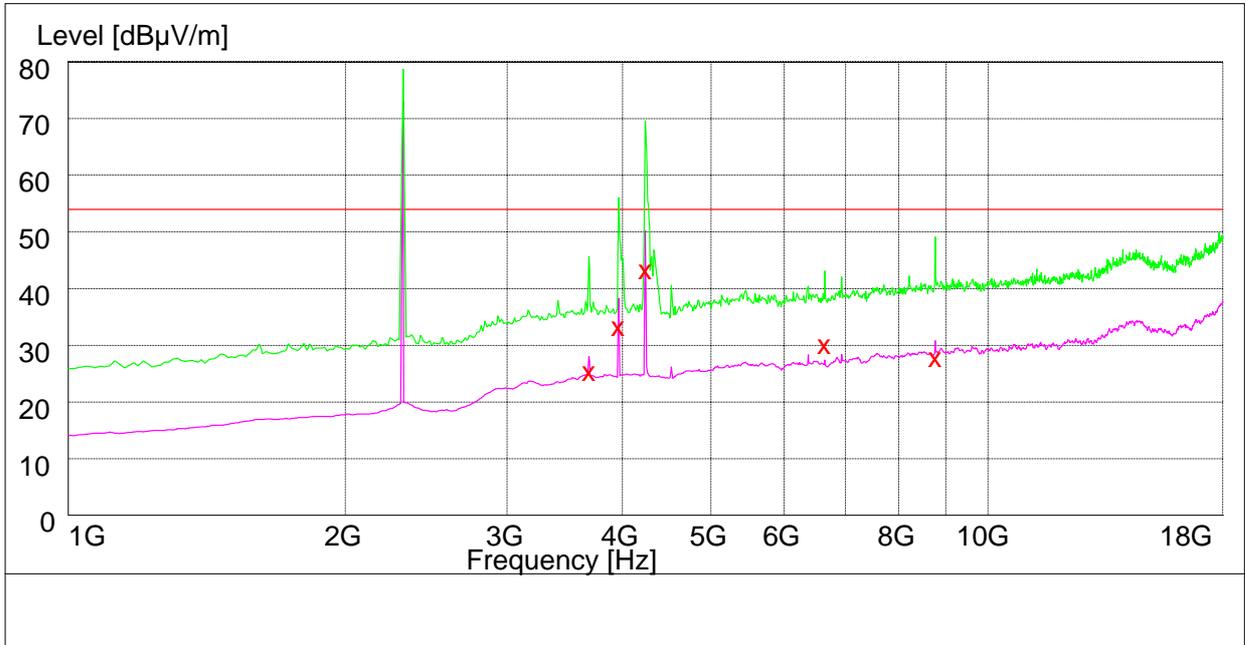
Channel 0 30MHz to 1GHz



Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Plarization
33.120000	20.10	11.7	40.0	19.9	100.0	66.00	HORIZONTAL
53.280000	20.40	12.7	40.0	19.6	100.0	270.00	VERTICAL
100.020000	20.20	13.1	43.5	23.3	135.0	223.00	VERTICAL
172.800000	27.90	10.3	43.5	15.6	150.0	149.00	VERTICAL
288.000000	26.50	15.3	46.0	19.5	112.0	326.00	VERTICAL
638.340000	30.60	22.9	46.0	15.4	130.0	149.00	HORIZONTAL



1GHz to 18GHz



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

AV Detector

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
3686.500000	26.60	-6.7	54.0	27.4	144.0	306.00	HORIZONTAL
3966.500000	34.50	-5.9	54.0	19.5	100.0	64.00	HORIZONTAL
4244.000000	43.20	-5.3	54.0	10.8	100.0	359.00	VERTICAL
6648.000000	31.30	-0.7	54.0	22.7	102.0	337.00	VERTICAL
8772.500000	29.10	3.5	54.0	24.9	145.0	355.00	VERTICAL

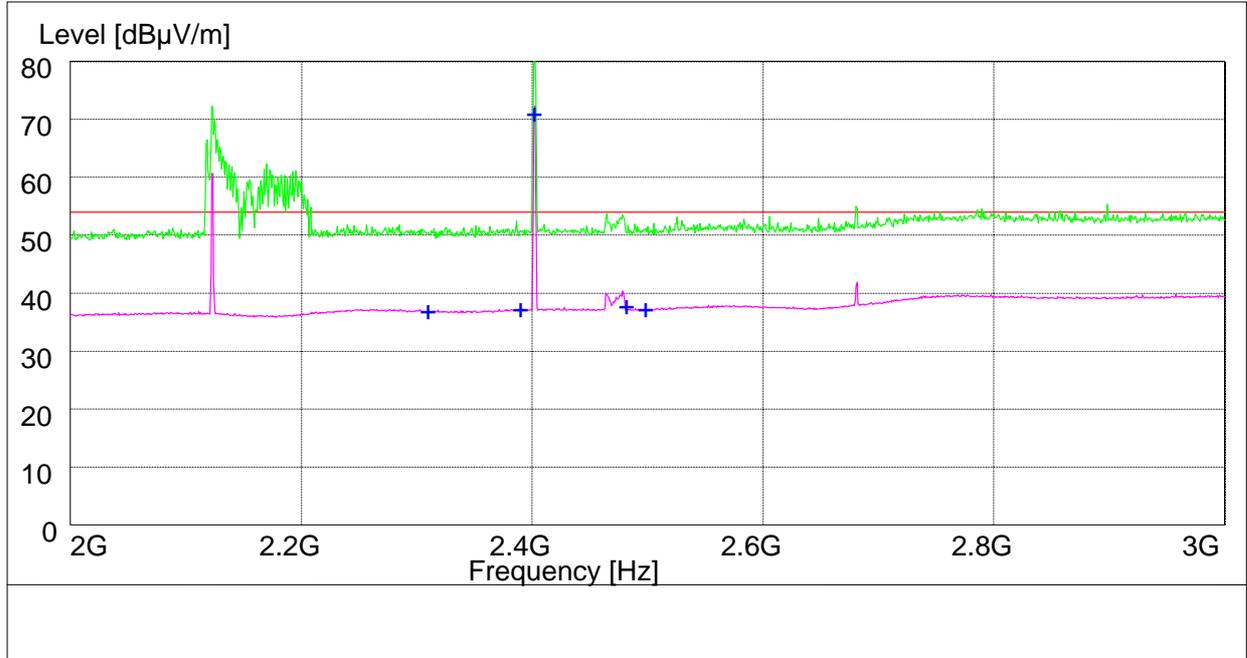


18GHz to 26GHz

Note: No peak found in pre- test.



2GHz to 3GHz



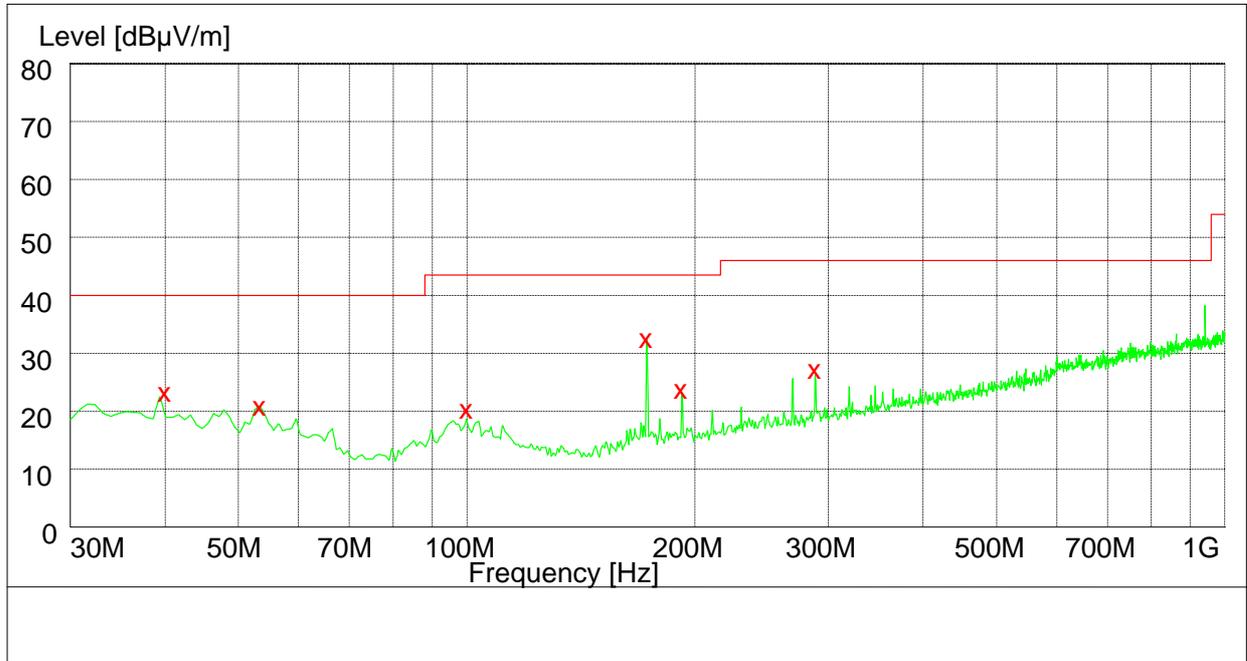
Note: The highest peak exceeds the limit line is carrier frequency.
The bands from 2GHz to 2.31GHz is out of the restricted bands.

AV Detector

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2310.000000	38.10	33.3	54.0	15.90	200.0	336.00	VERTICAL
2390.000000	38.40	33.5	54.0	15.60	294.0	187.00	HORIZONTAL
2402.000000	71.20	33.5	54.0	-17.2	119.0	140.00	VERTICAL
2483.500000	39.00	33.7	54.0	15.00	100.0	119.00	HORIZONTAL
2500.000000	38.50	33.8	54.0	15.50	139.0	43.00	VERTICAL



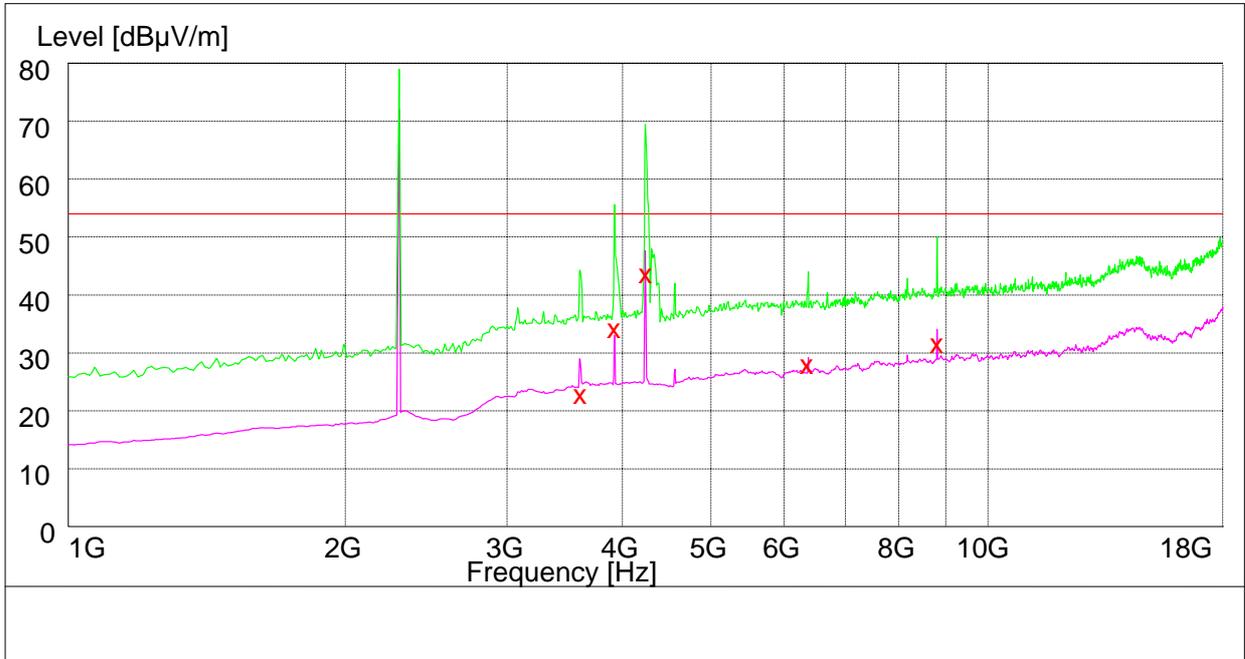
Channel 40 30MHz to 1GHz



Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
40.020000	23.00	13.1	40.0	17.0	100.0	171.00	HORIZONTAL
53.340000	20.60	12.7	40.0	19.4	284.0	178.00	VERTICAL
100.020000	20.20	13.1	43.5	23.3	100.0	133.00	VERTICAL
172.800000	32.40	10.3	43.5	11.1	164.0	162.00	VERTICAL
192.000000	23.60	11.9	43.5	19.9	162.0	283.00	VERTICAL
288.000000	27.10	15.3	46.0	18.9	100.0	255.00	VERTICAL



1GHz to 18GHz



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

AV Detector

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
3605.000000	24.00	-7.0	54.0	30.0	100.0	21.00	VERTICAL
3926.500000	35.40	-6.1	54.0	18.6	101.0	45.00	VERTICAL
4236.000000	44.20	-5.3	54.0	9.8	100.0	0.00	VERTICAL
6369.000000	29.20	-1.1	54.0	24.8	100.0	7.00	VERTICAL
8810.500000	32.80	3.6	54.0	21.2	101.0	353.00	VERTICAL

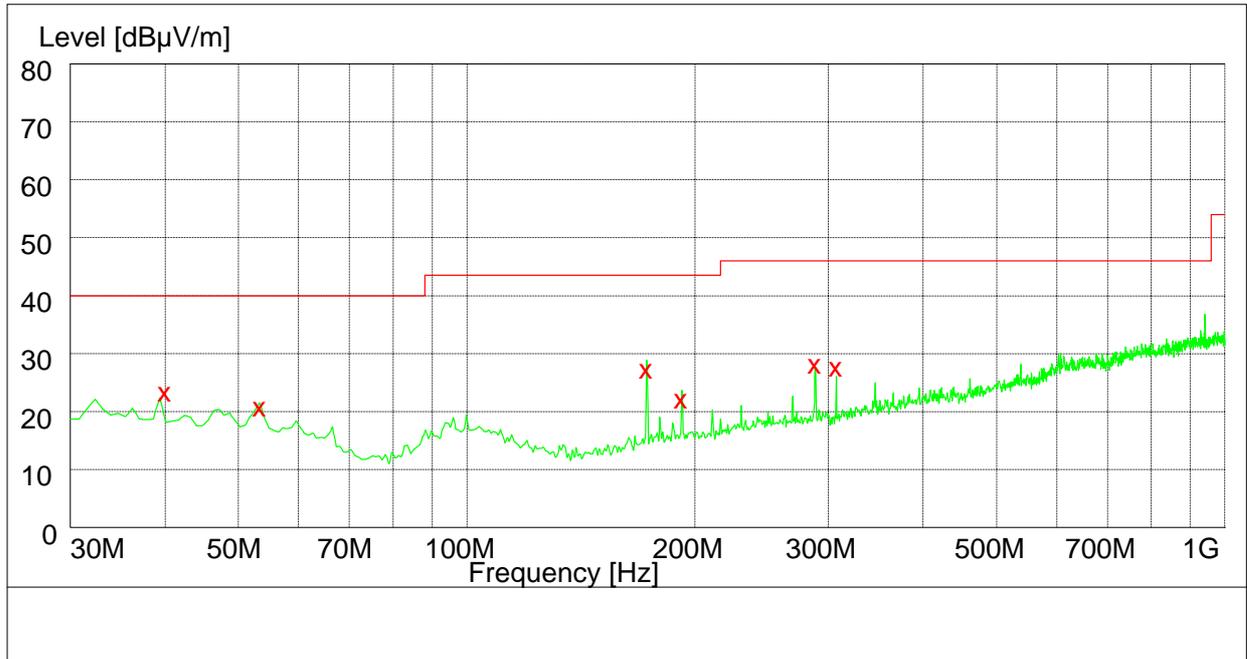


18GHz to 26GHz

Note: No peak found in pre- test.



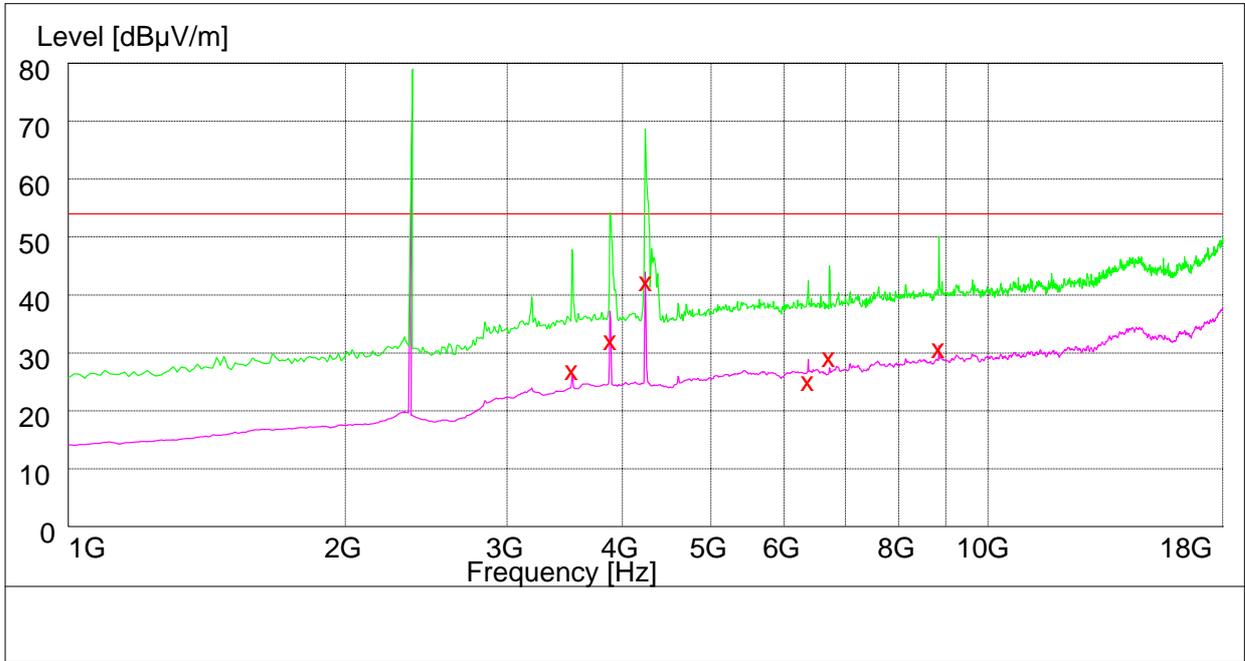
Channel 78 30MHz to 1GHz



Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
40.020000	23.10	13.1	40.0	16.9	100.0	101.00	HORIZONTAL
53.340000	20.50	12.7	40.0	19.5	165.0	174.00	HORIZONTAL
172.800000	27.10	10.3	43.5	16.4	100.0	150.00	HORIZONTAL
192.000000	22.00	11.9	43.5	21.5	166.0	288.00	VERTICAL
288.000000	28.00	15.3	46.0	18.0	100.0	161.00	VERTICAL
307.200000	27.40	15.7	46.0	18.6	100.0	253.00	VERTICAL



1GHz to 18GHz



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

AV Detector

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
3532.500000	28.10	-7.3	54.0	25.9	100.0	323.00	HORIZONTAL
3888.000000	33.30	-6.2	54.0	20.7	200.0	161.00	VERTICAL
4236.000000	42.80	-5.3	54.0	11.2	100.0	360.00	VERTICAL
6374.500000	26.20	-1.1	54.0	27.8	185.0	319.00	HORIZONTAL
6725.500000	30.40	-0.6	54.0	23.6	112.0	353.00	VERTICAL
8849.500000	31.90	3.7	54.0	22.1	100.0	349.00	VERTICAL

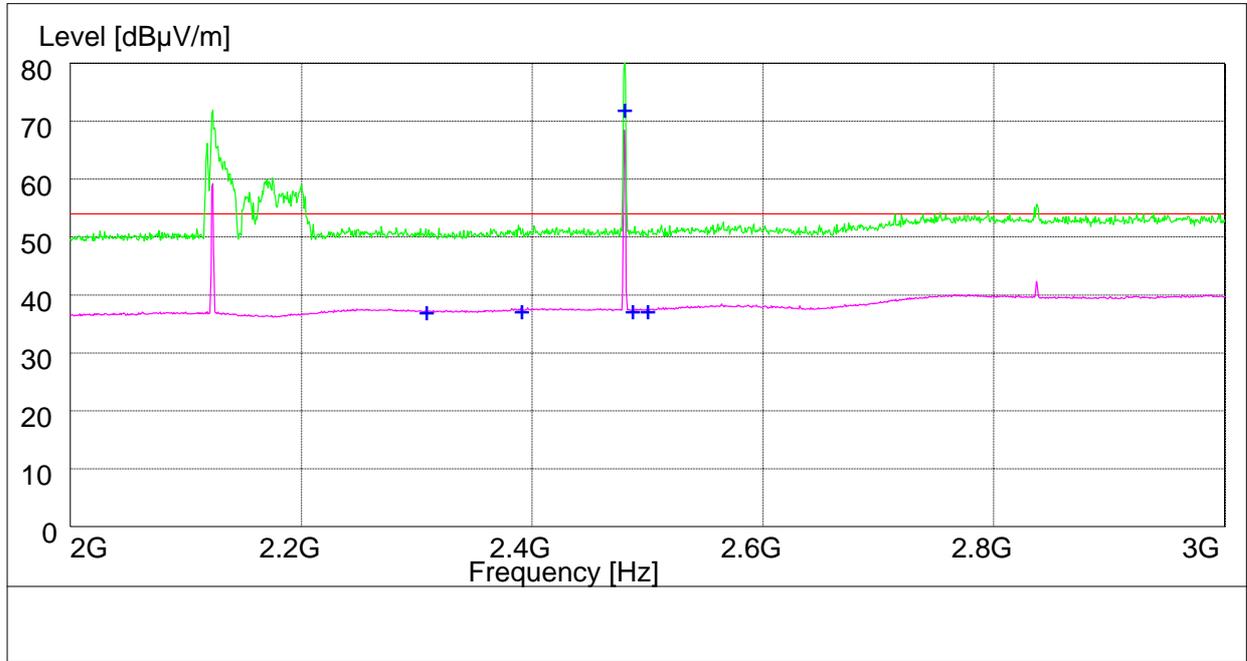


18GHz to 26GHz

Note: No peak found in pre- test.



2GHz to 3GHz



Note: The peak exceeds the limit line is carrier frequency.
The bands from 2GHz to 2.31GHz is out of the restricted bands.

AV Detector

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2310.000000	38.20	33.3	54.0	15.8	195.0	304.00	HORIZONTAL
2390.000000	38.40	33.5	54.0	15.6	162.0	174.00	VERTICAL
2480.000000	72.10	33.7	54.0	-18.1	195.0	288.00	HORIZONTAL
2483.500000	38.60	33.7	54.0	15.4	170.0	334.00	HORIZONTAL
2500.000000	38.50	33.8	54.0	15.5	140.0	248.00	HORIZONTAL



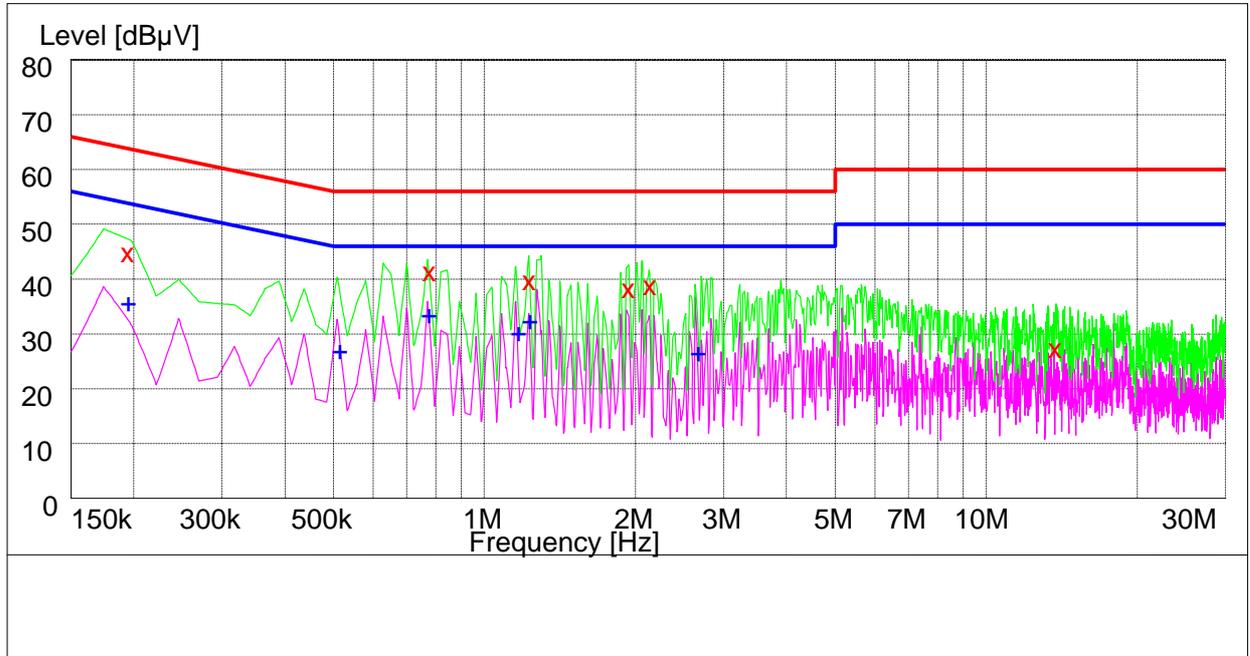
Appendix I

Conducted Emission at Power Port

According to FCC Part 15.207



Channel 40



MEASUREMENT RESULT:

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Line	PE
0.195000	45.20	10.1	64	18.8	N	FLO
0.780000	41.70	10.1	56	14.3	N	FLO
1.234500	40.00	10.1	56	16.0	N	FLO
1.945500	38.60	10.1	56	17.4	N	FLO
2.143500	39.10	10.1	56	16.9	N	FLO
13.780500	27.70	10.3	60	32.3	N	FLO

MEASUREMENT RESULT:

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Line	PE
0.195000	36.10	10.1	54	17.9	N	FLO
0.514500	27.30	10.1	46	18.7	N	FLO
0.775500	33.80	10.1	46	12.2	N	FLO
1.167000	30.50	10.1	46	15.5	N	FLO
1.234500	32.80	10.1	46	13.2	N	FLO
2.665500	27.00	10.2	46	19.0	N	FLO



Appendix J

Photos of Test Setup



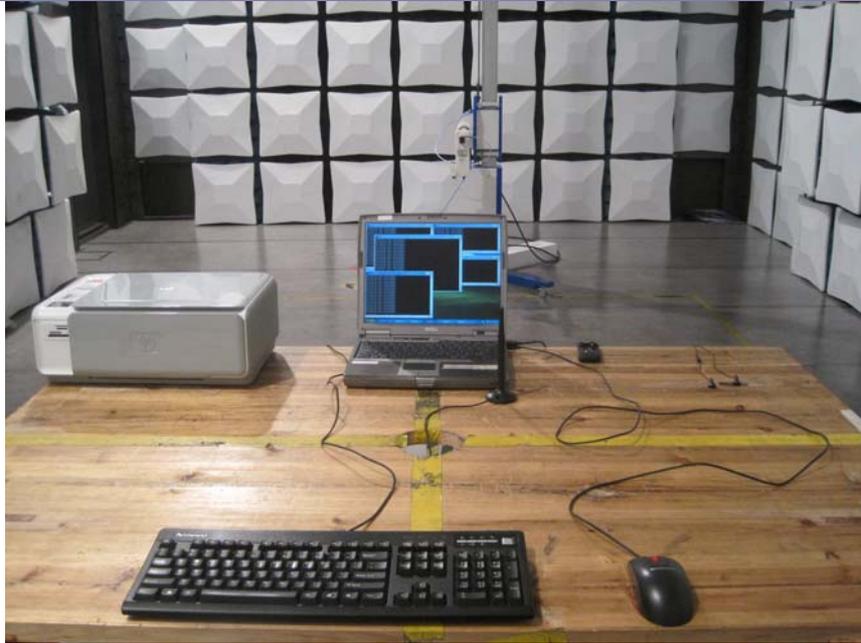
1 Radiated Spurious Emissions



Radiated Spurious Emission (below 2GHz)

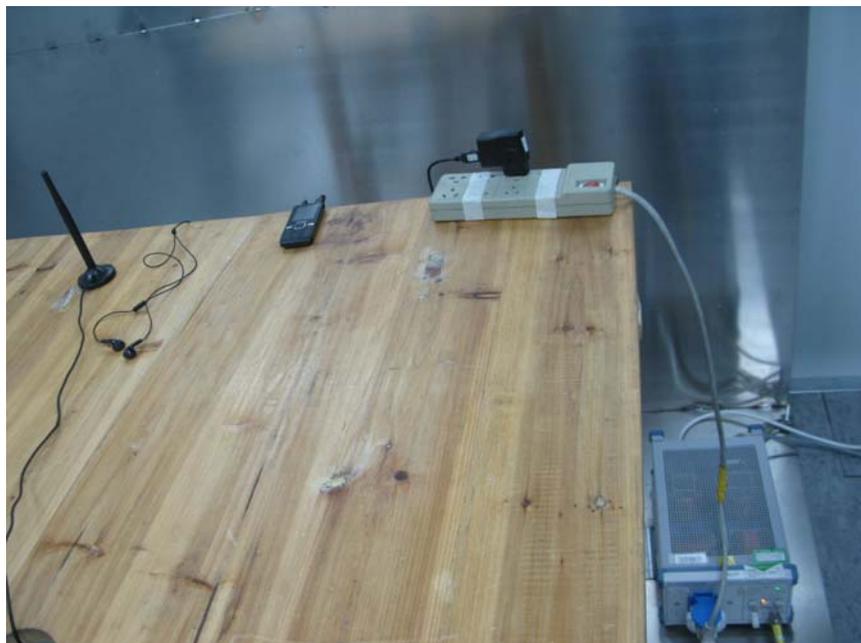


Radiated Spurious Emission (2GHz to18GHz)



Radiated Spurious Emission (above 18GHz)

2 Conducted Emissions



Conducted Emissions for AC Ports