



Appendix A

20dB bandwidth measurement

According to FCC Part 15.247 (a) (1)

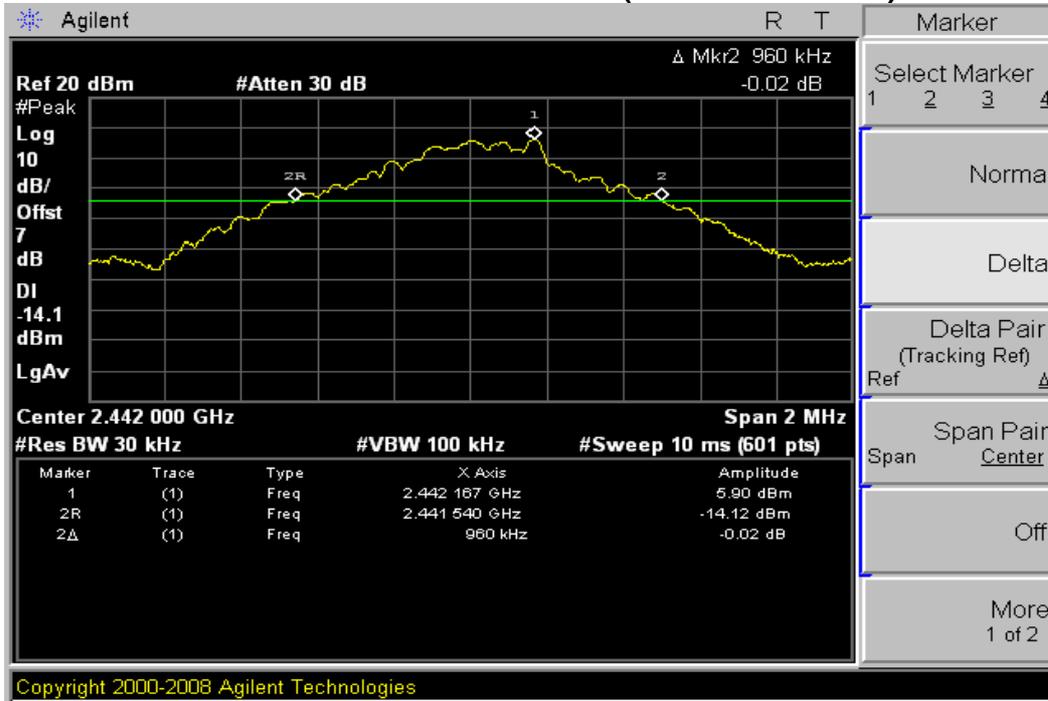


Channel 0 (2402MHz)

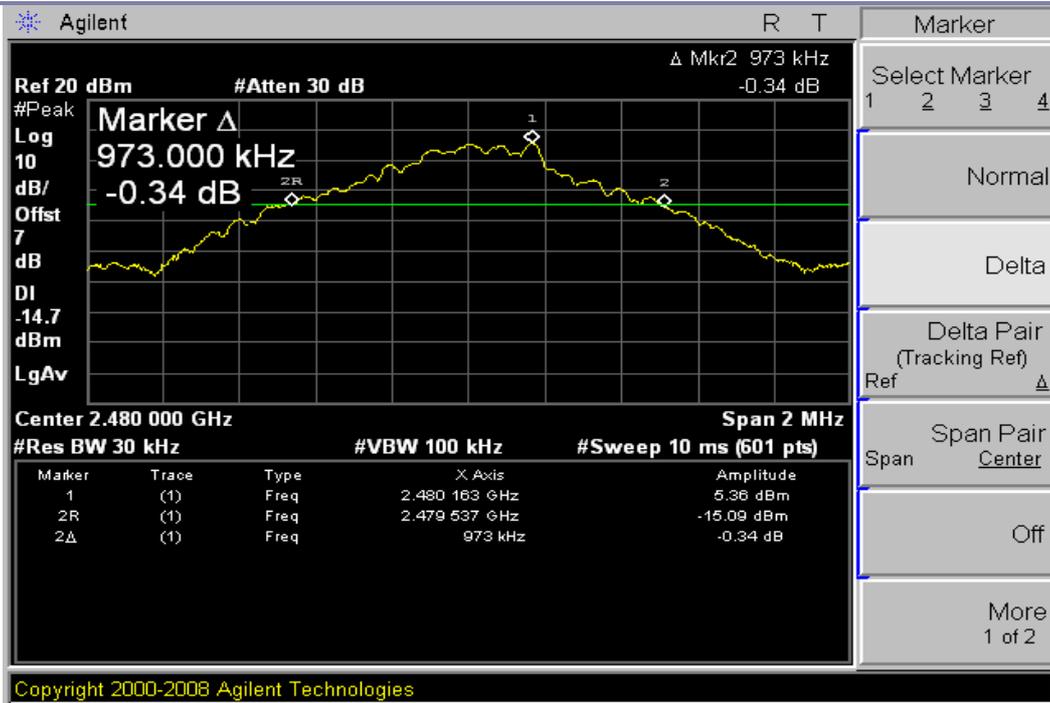




Channel 40 (2442MHz)



Channel 78 (2480MHz)





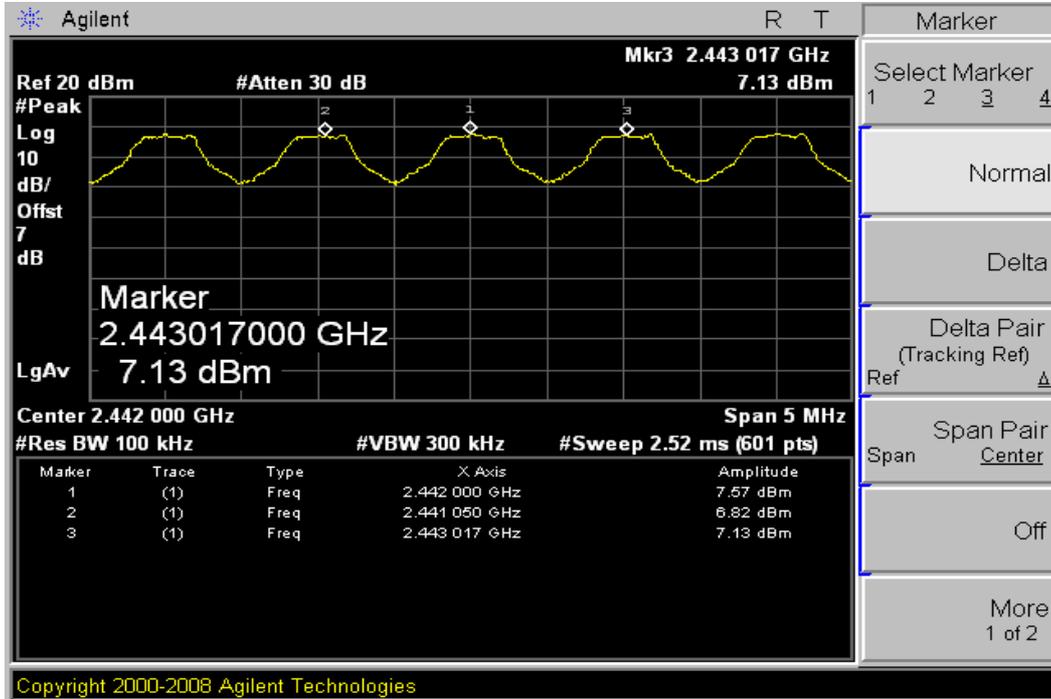
Appendix B

Carrier frequency separation measurement

According to FCC Part 15.247 (a) (1)



Centred at Channel 40





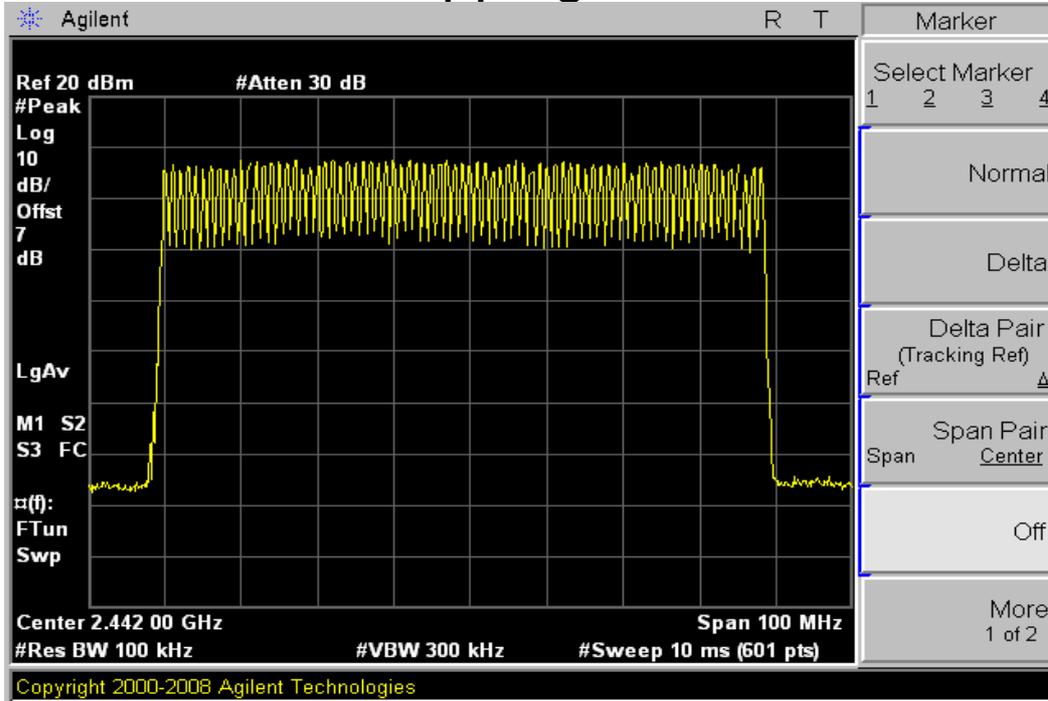
Appendix C

Number of hopping channel

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



Total hopping channels = 79





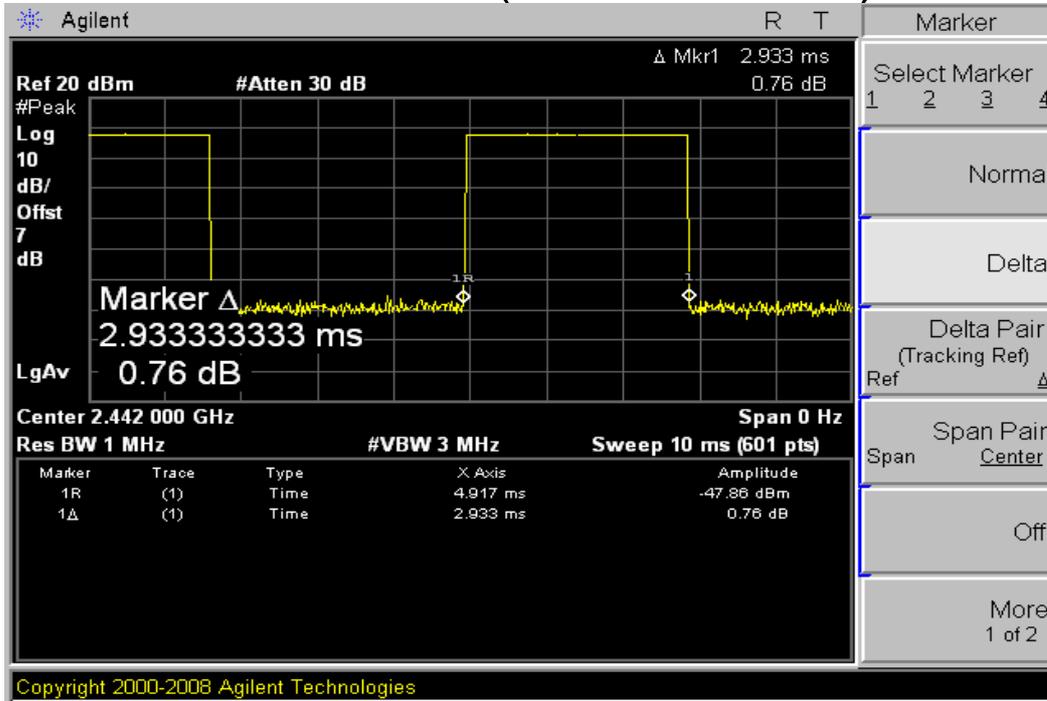
Appendix D

Time of occupancy

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

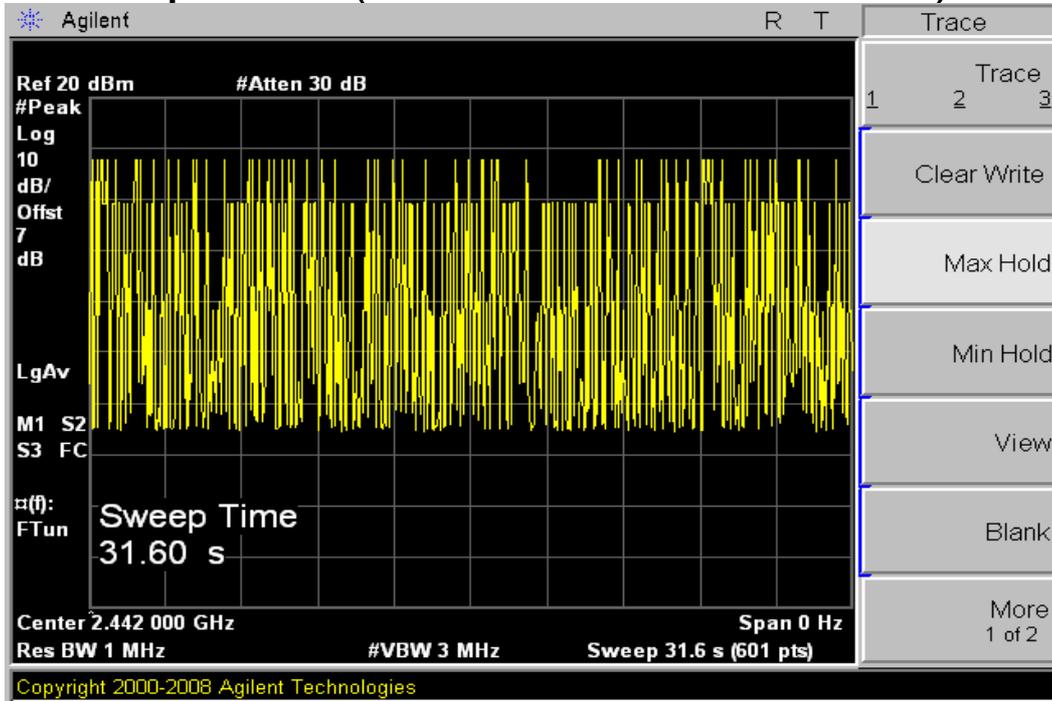


A burst (One time slot)





A period (Less than 106.7 burst)





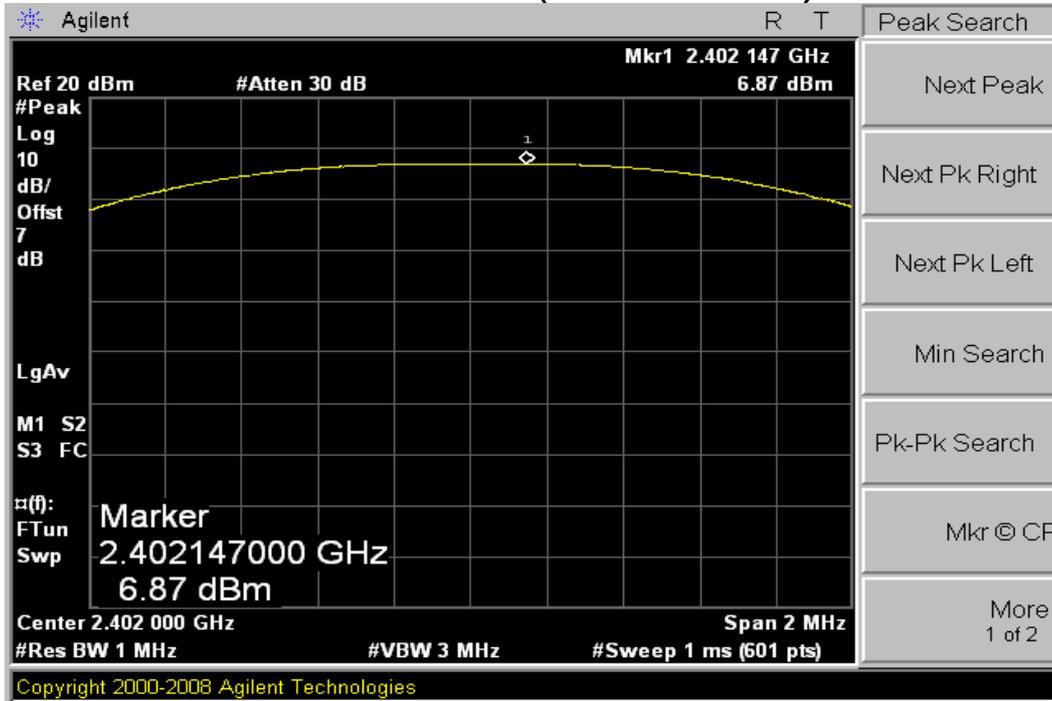
Appendix E

Peak output power

According to FCC Part 15.247 (b) (1)

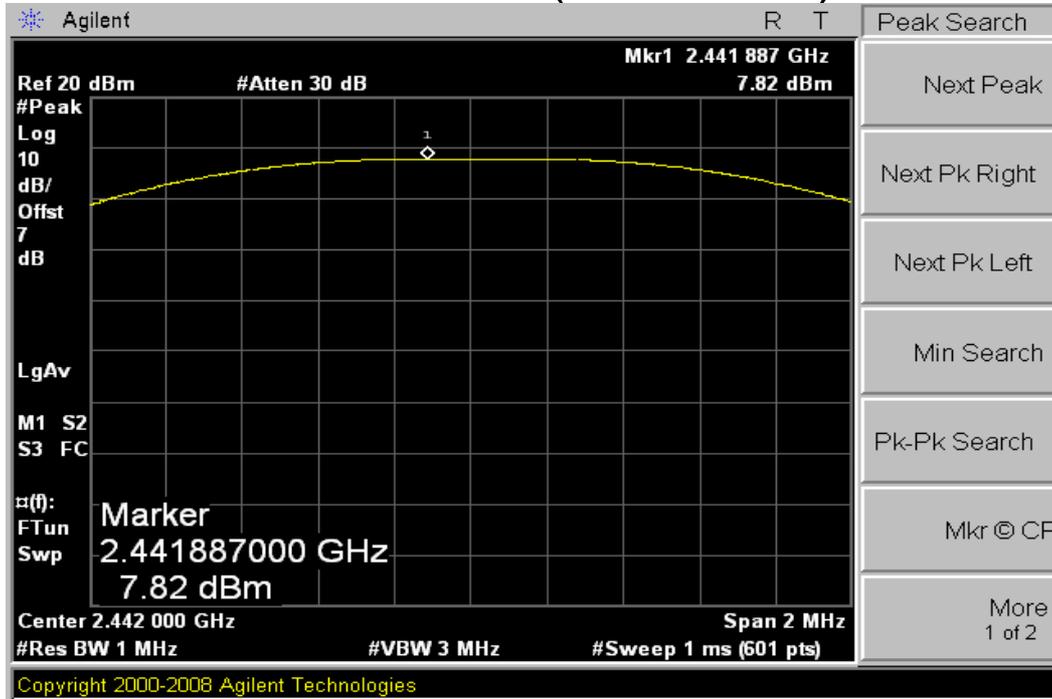


Channel 0 (2402MHz)



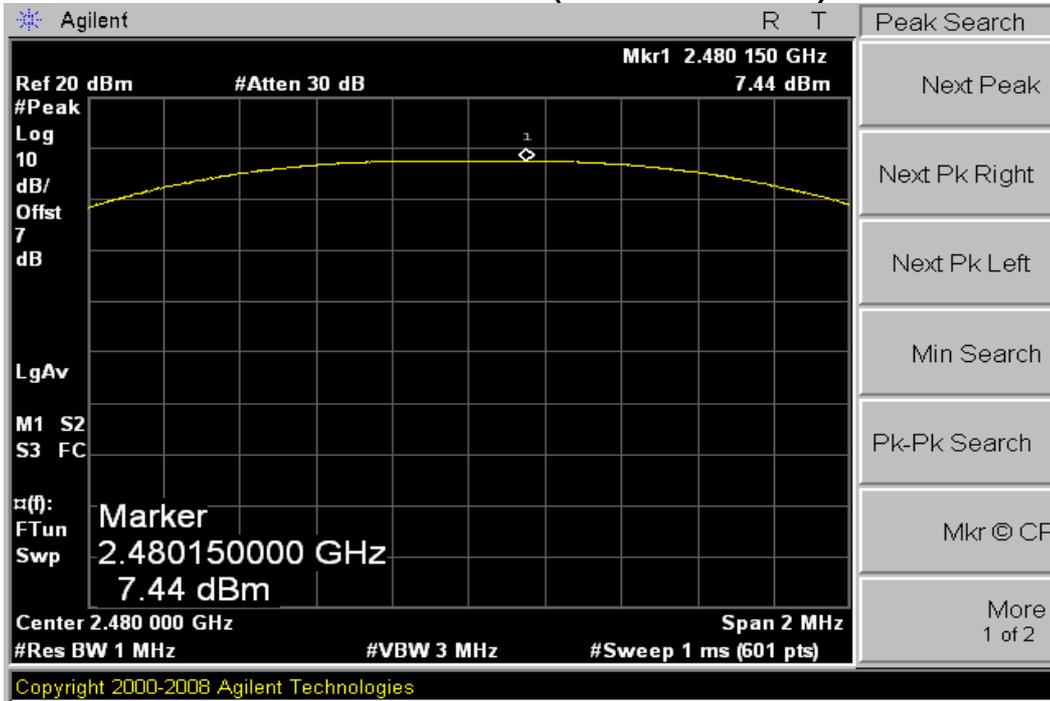


Channel 40 (2442MHz)





Channel 78 (2480MHz)





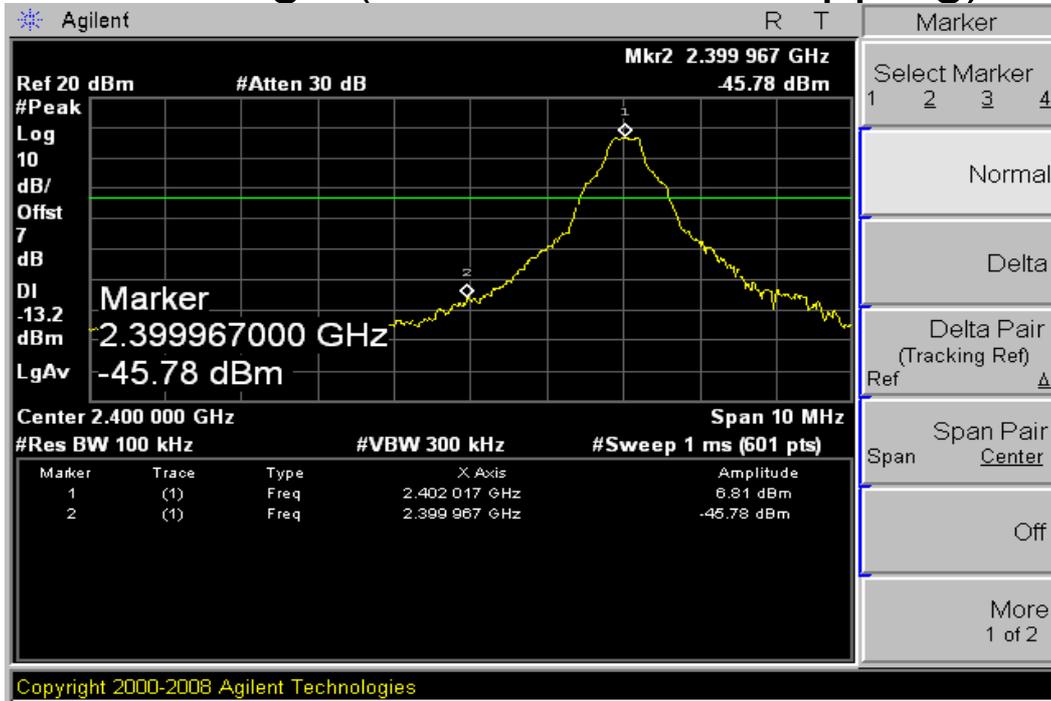
Appendix F

Band edge spurious emission

According to FCC Part 15.247 (d)

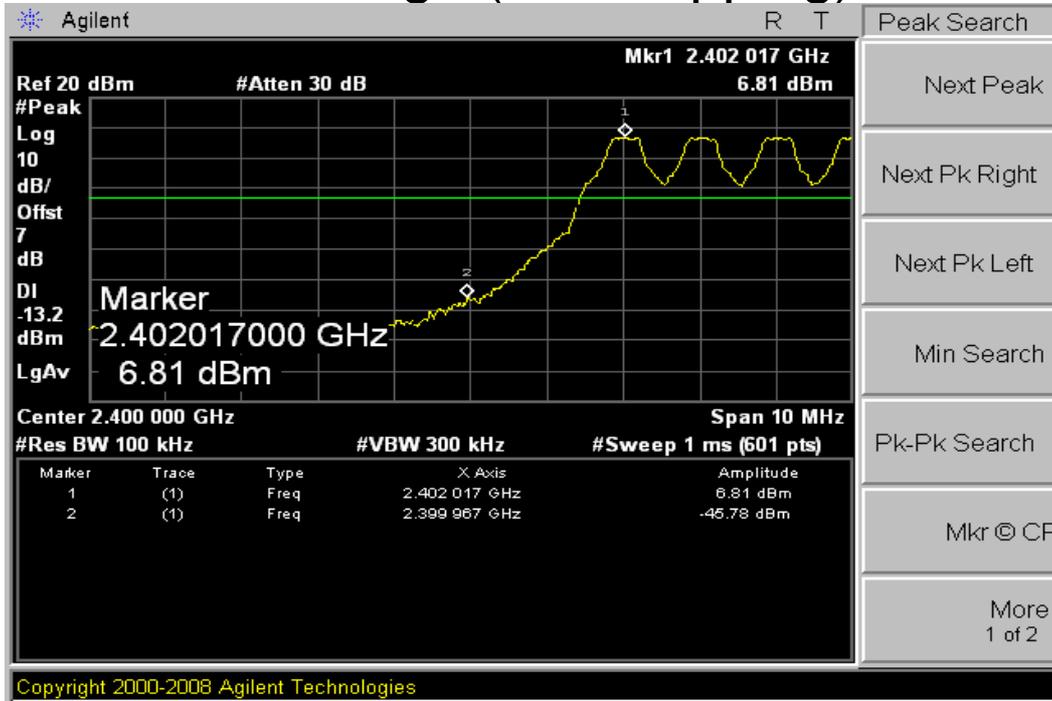


Low edge (Channel 0, no hopping)



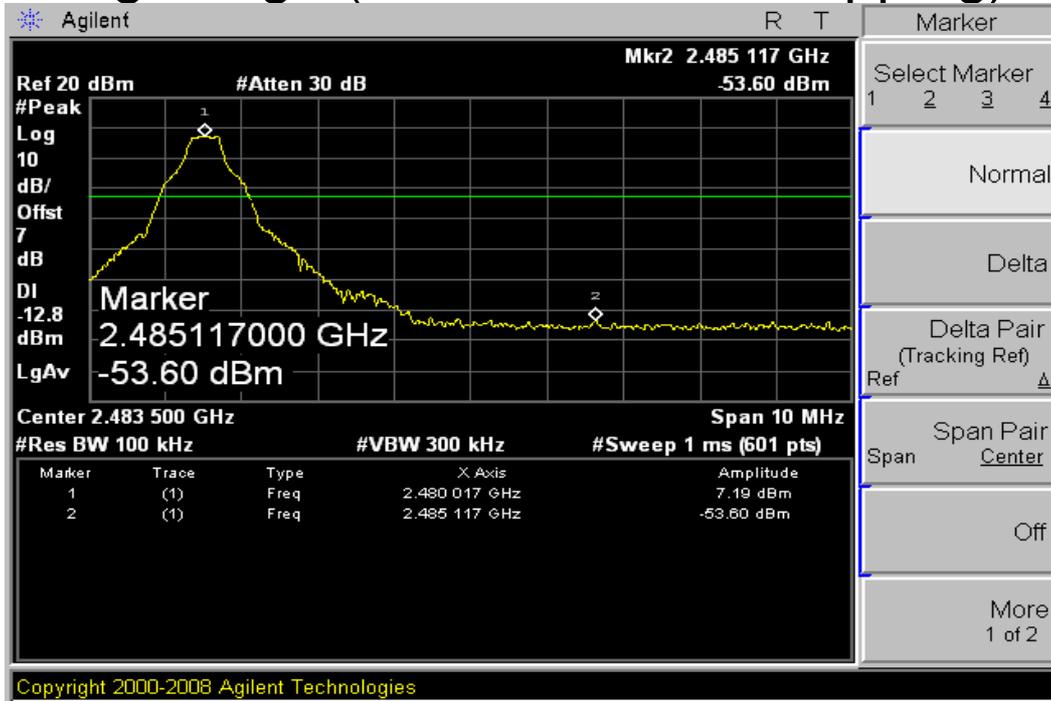


Low edge (with hopping)



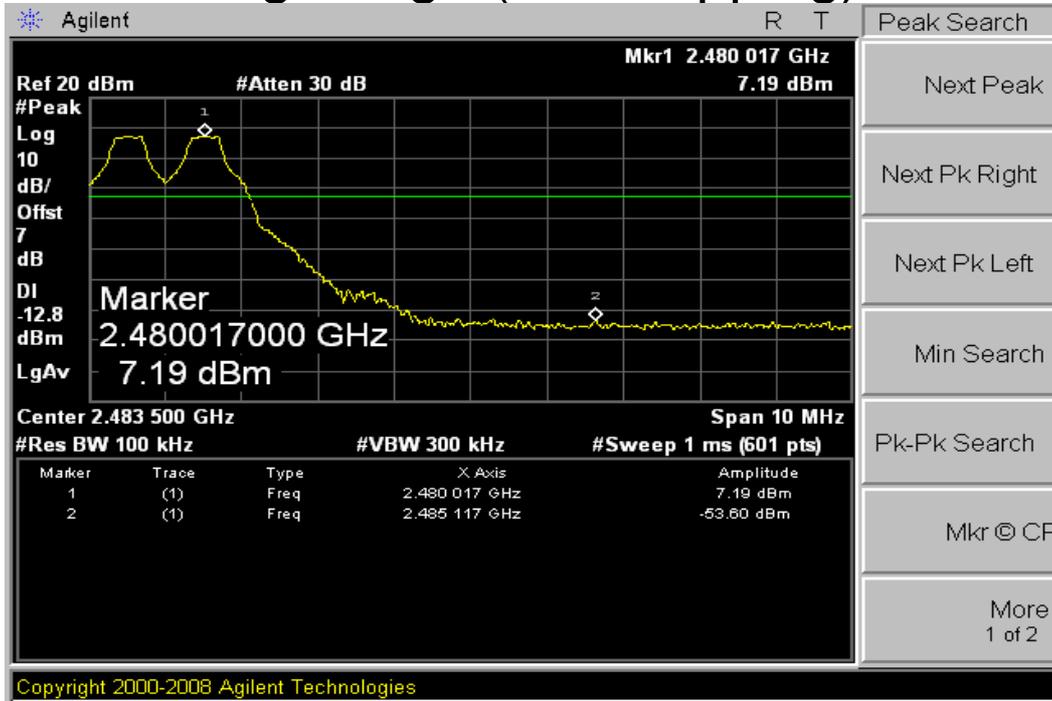


High edge (Channel 78, no hopping)





High edge (with hopping)





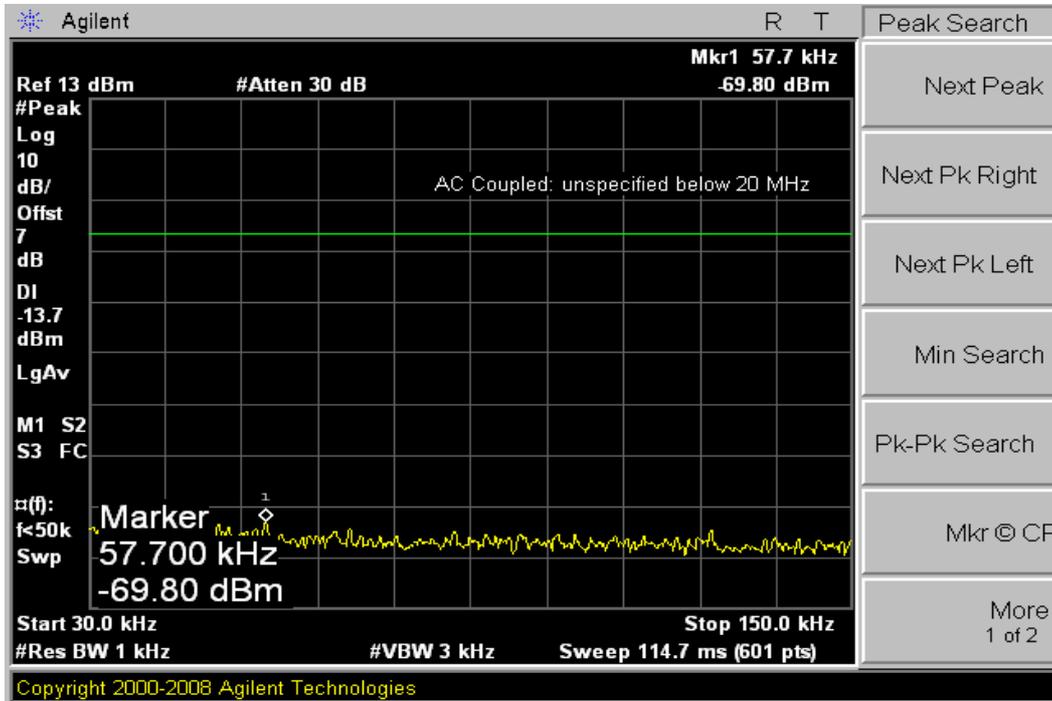
Appendix G

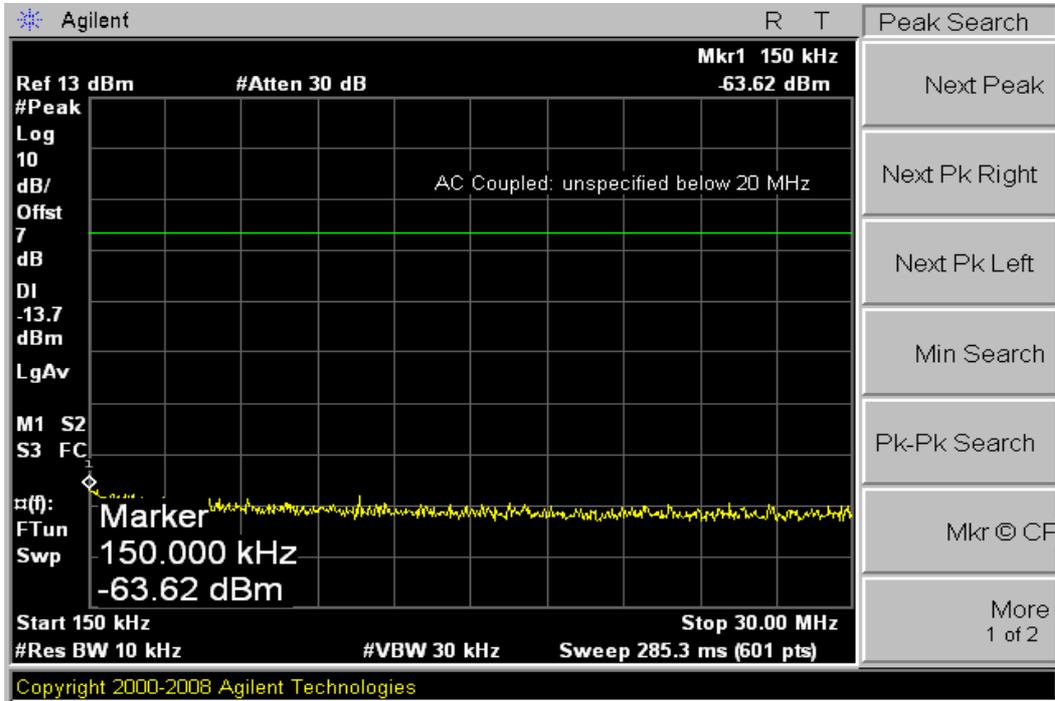
Conducted RF spurious

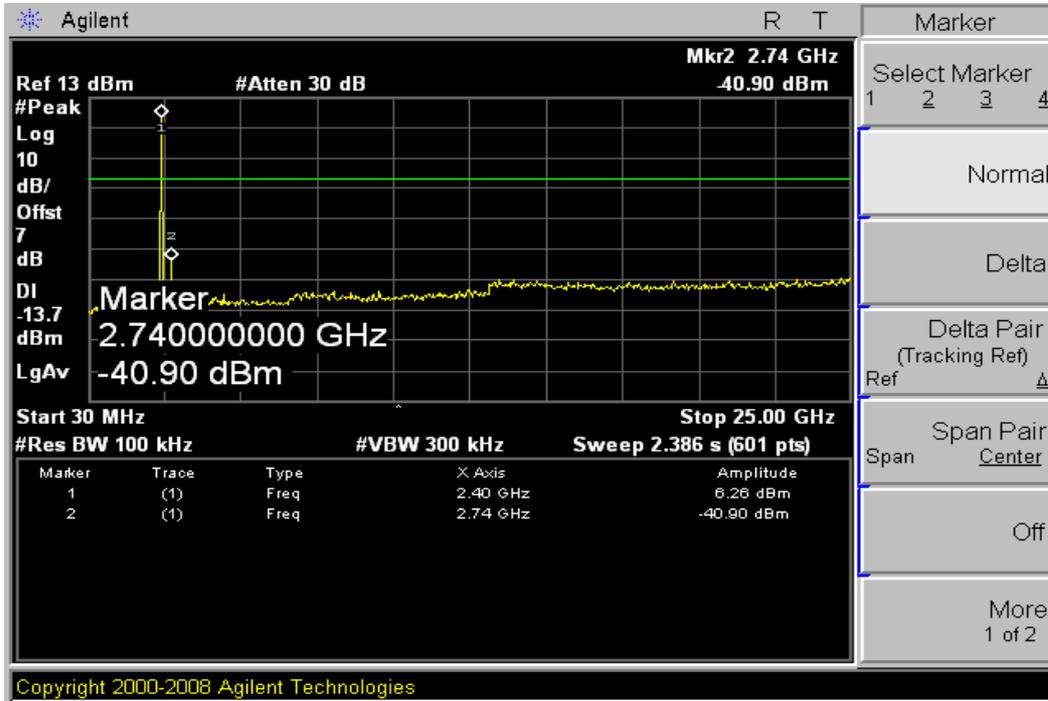
According to FCC Part 15.247 (d)



Channel 0

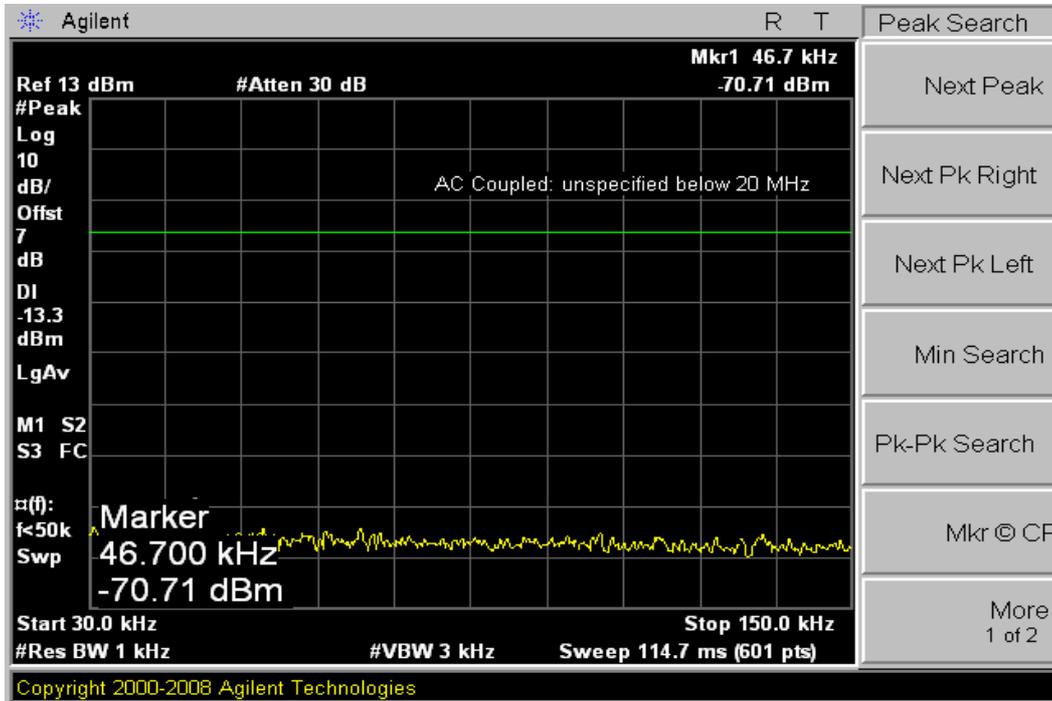


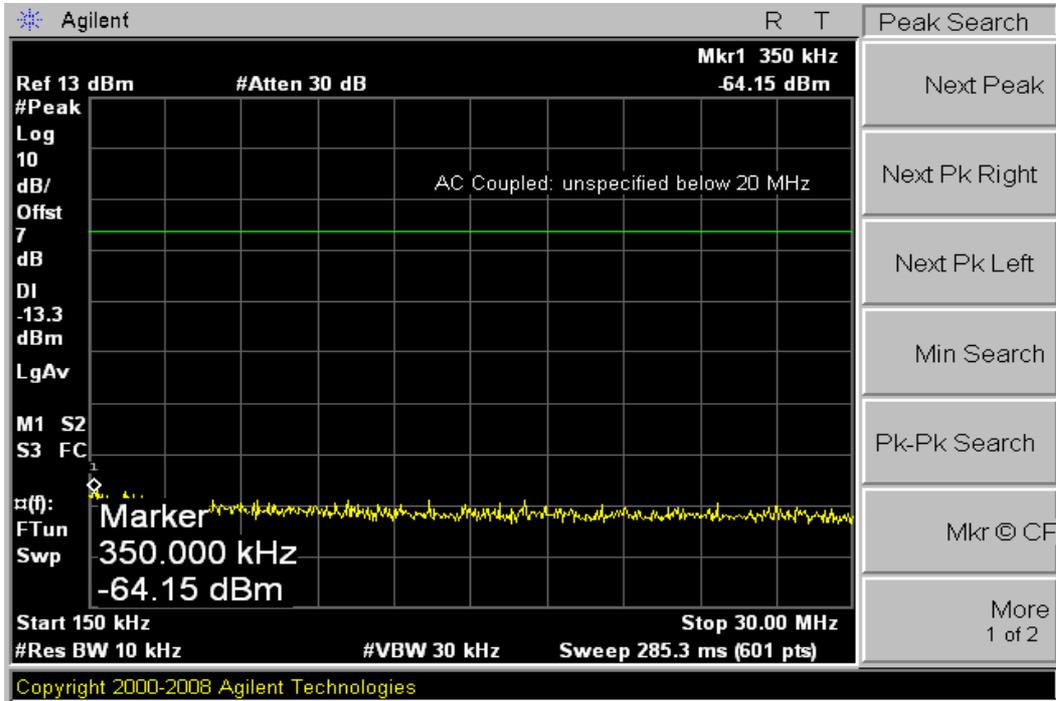


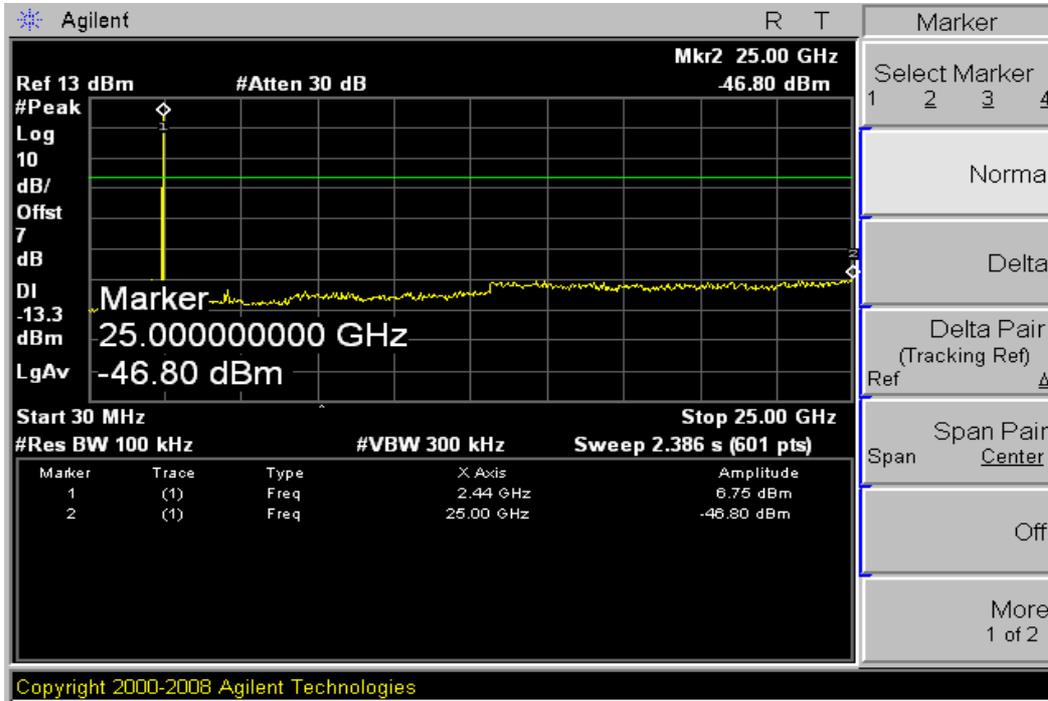




Channel 40

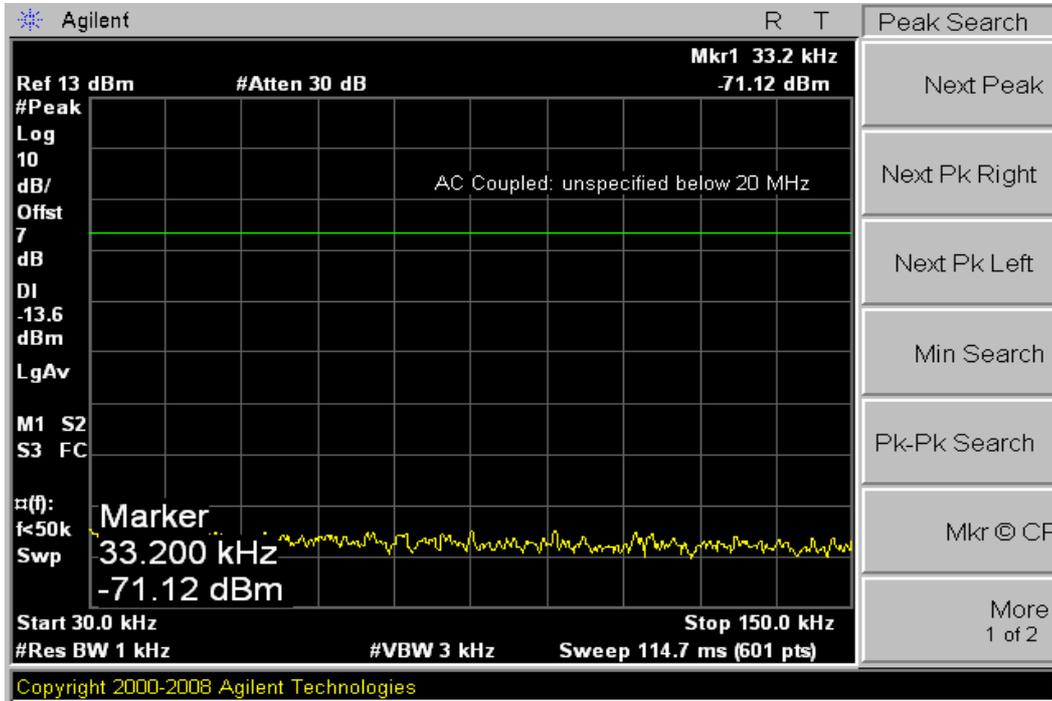


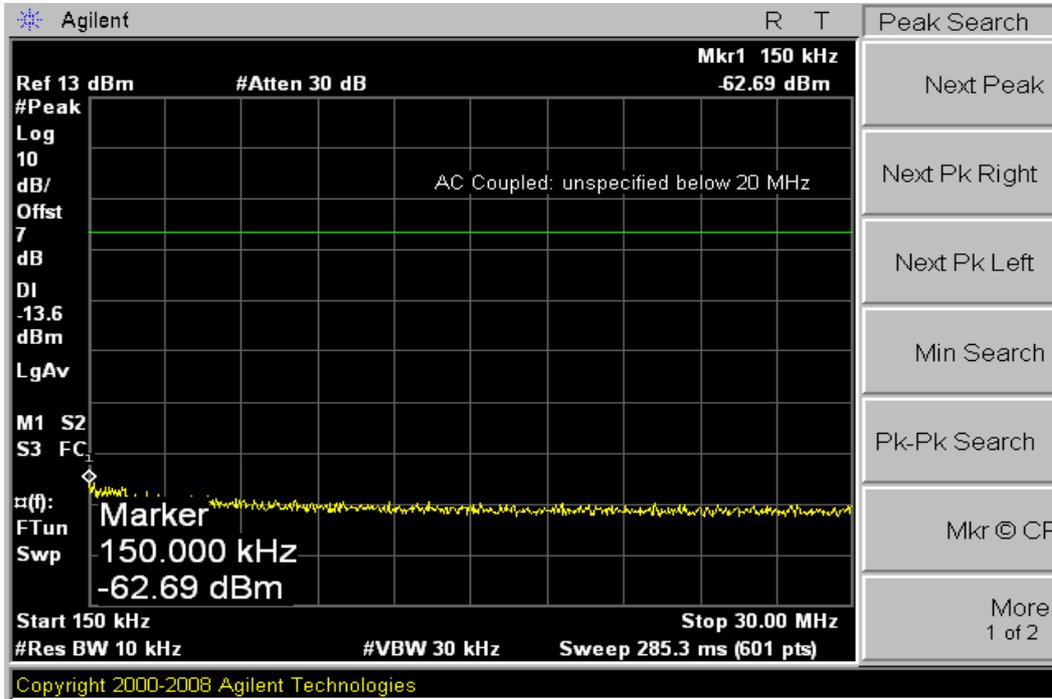


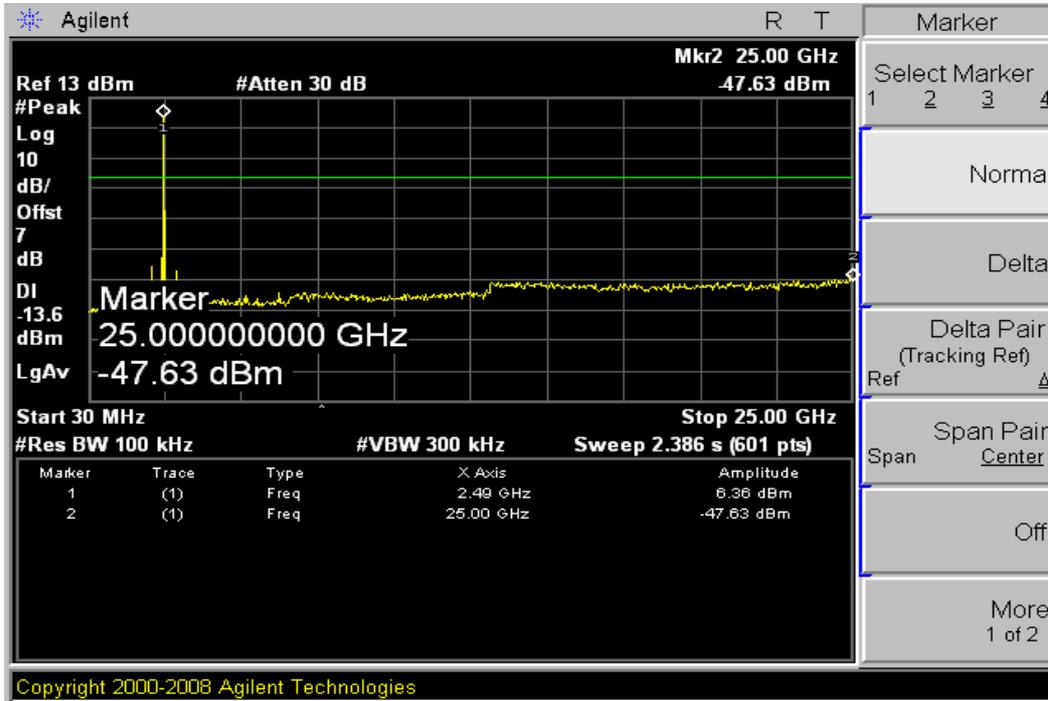




Channel 78









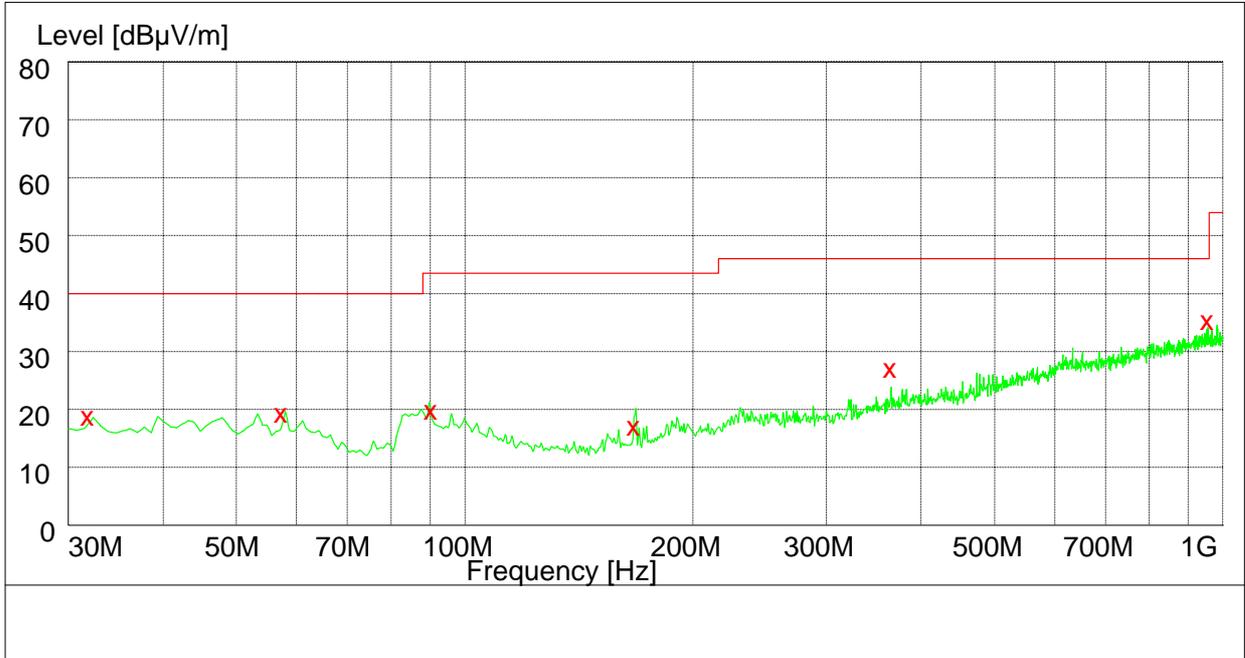
Appendix H

Radiated spurious emission

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



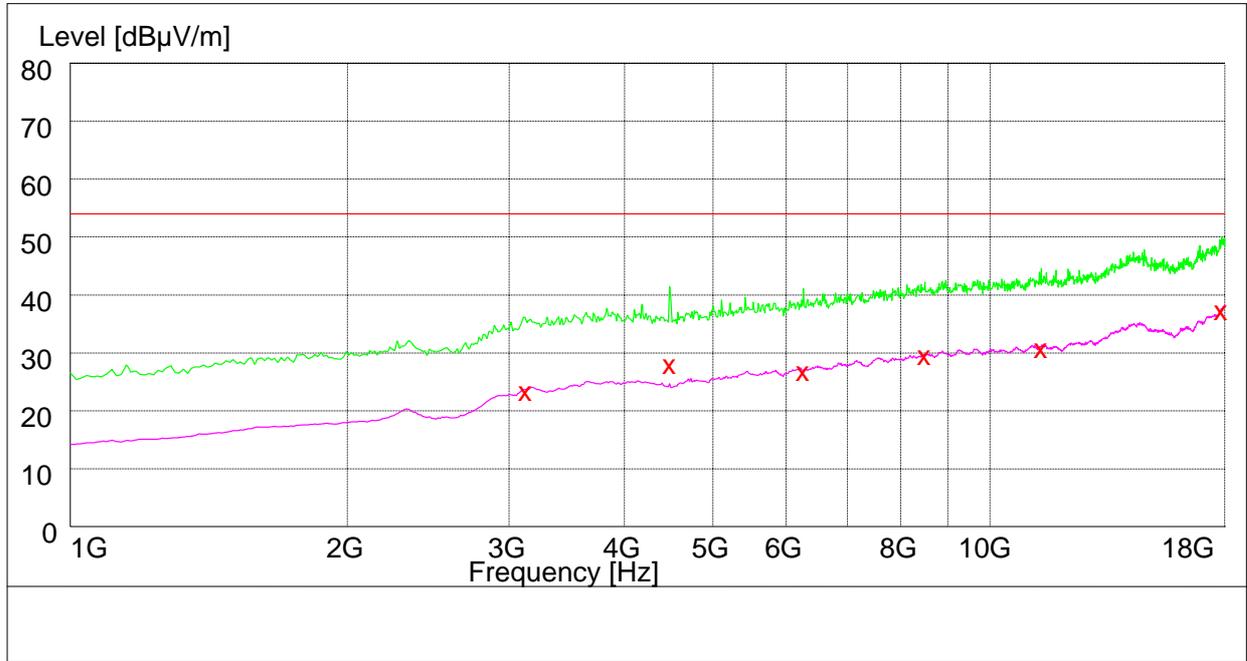
Channel 0 30MHz to 1GHz



Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Plarization
31.860000	18.60	11.7	40.0	21.4	172.0	352.00	VERTICAL
57.300000	19.20	12.5	40.0	20.8	243.0	137.00	HORIZONTAL
90.420000	19.60	11.8	43.5	23.9	248.0	202.00	VERTICAL
167.340000	16.80	9.9	43.5	26.7	253.0	179.00	HORIZONTAL
364.800000	26.80	17.4	46.0	19.2	216.0	307.00	HORIZONTAL
955.920000	35.10	26.7	46.0	10.9	129.0	159.00	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
3125.500000	23.10	-8.6	54.0	30.9	147.0	171.00	VERTICAL
4488.000000	27.80	-5.7	54.0	26.2	129.0	56.00	VERTICAL
6270.500000	26.60	-1.3	54.0	27.4	139.0	335.00	VERTICAL
8496.500000	29.30	3.0	54.0	24.7	111.0	182.00	HORIZONTAL
11366.000000	30.60	7.1	54.0	23.4	146.0	55.00	HORIZONTAL
17865.000000	37.10	16.4	54.0	16.9	123.0	56.00	HORIZONTAL

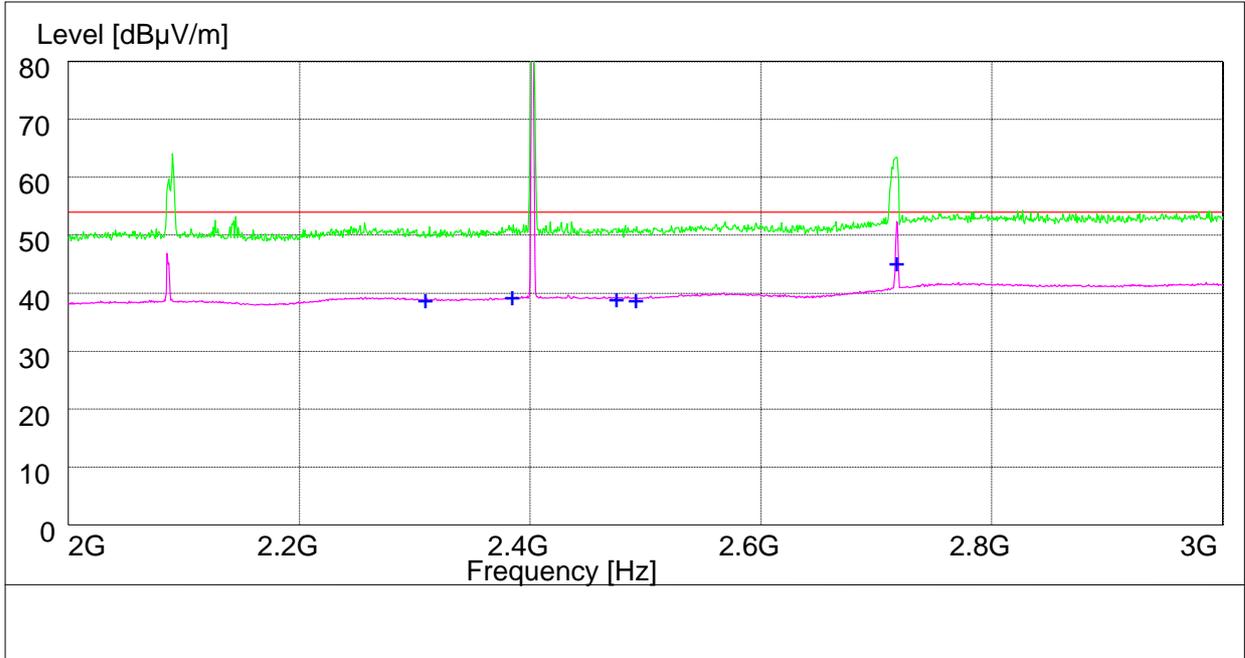


18GHz to 26GHz

Note: No peak found in pre- test.



2GHz to 3GHz

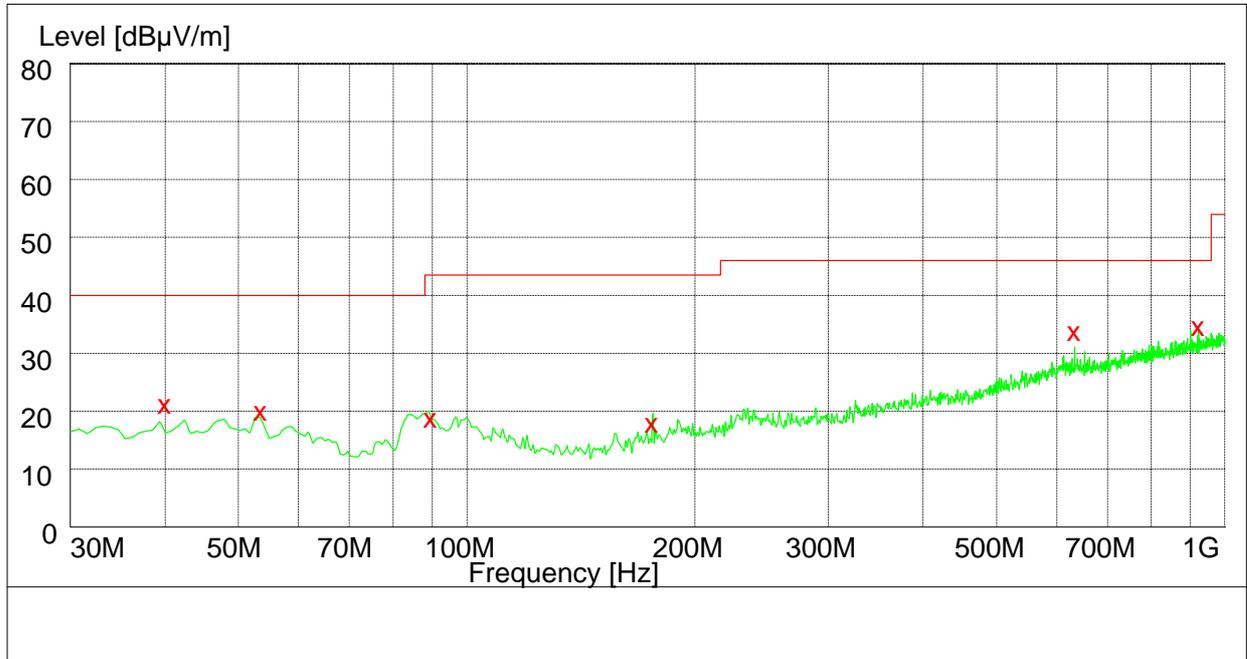


Note: The highest peak exceeds the limit line is carrier frequency.
The bands from 2GHz to 2.2GHz is out of the restricted bands.

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2310.000000	39.10	33.3	54.0	14.9	101.0	167.00	VERTICAL
2390.000000	39.40	33.5	54.0	14.6	117.0	206.00	HORIZONTAL
2483.500000	39.50	33.7	54.0	14.5	132.0	0.00	HORIZONTAL
2500.000000	39.50	33.8	54.0	14.5	101.0	136.00	VERTICAL
2717.716000	46.40	34.8	54.0	7.6	100.0	3.00	HORIZONTAL



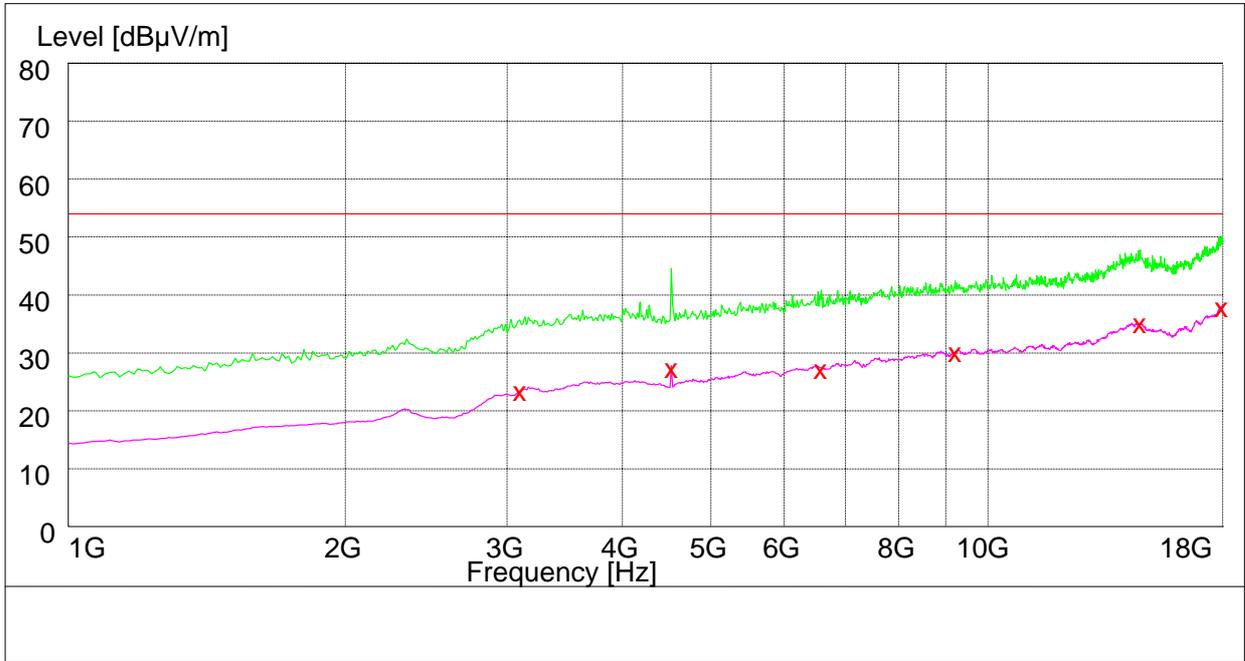
Channel 40 30MHz to 1GHz



Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
40.020000	21.00	13.1	40.0	19.0	253.0	4.00	VERTICAL
53.520000	19.80	12.7	40.0	20.2	145.0	360.00	HORIZONTAL
89.700000	18.60	11.7	43.5	24.9	177.0	239.00	HORIZONTAL
175.560000	17.70	10.5	43.5	25.8	183.0	319.00	HORIZONTAL
633.600000	33.60	22.8	46.0	12.4	259.0	211.00	HORIZONTAL
923.880000	34.50	26.4	46.0	11.5	106.0	101.00	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
3106.000000	23.10	-8.7	54.0	30.9	140.0	0.00	HORIZONTAL
4529.500000	27.10	-5.6	54.0	26.9	138.0	334.00	VERTICAL
6588.000000	26.90	-0.8	54.0	27.1	151.0	45.00	HORIZONTAL
9221.500000	29.90	4.5	54.0	24.1	176.0	156.00	HORIZONTAL
14643.500000	34.90	12.0	54.0	19.1	118.0	244.00	VERTICAL
17964.000000	37.60	17.1	54.0	16.4	128.0	314.00	VERTICAL

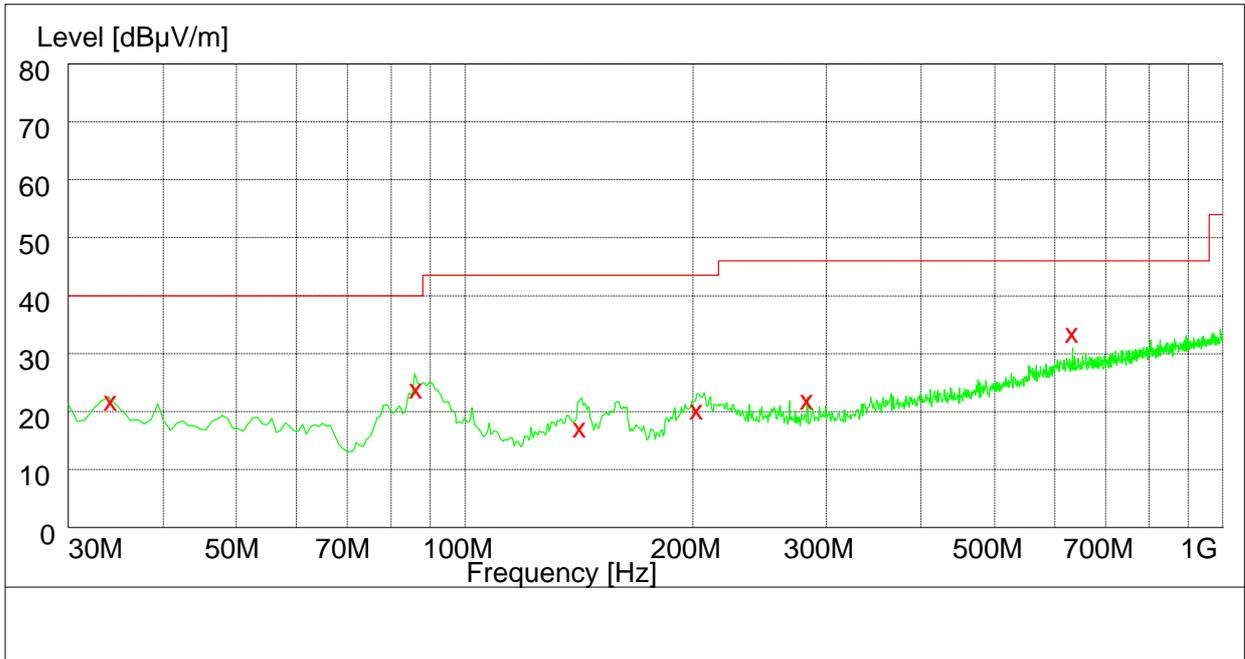


18GHz to 26GHz

Note: No peak found in pre- test.



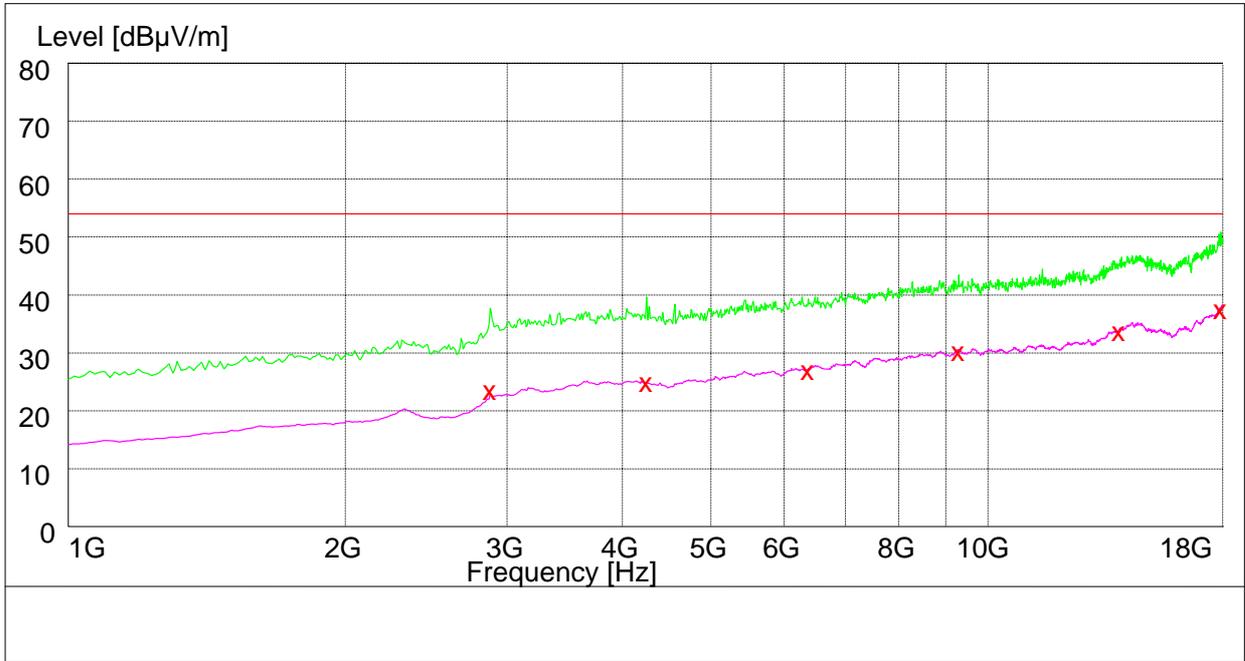
Channel 78 30MHz to 1GHz



Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
34.140000	21.50	11.7	40.0	18.5	104.0	153.00	HORIZONTAL
86.340000	23.60	10.6	40.0	16.4	156.0	97.00	HORIZONTAL
142.020000	17.00	8.7	43.5	26.5	104.0	340.00	HORIZONTAL
202.680000	20.10	12.2	43.5	23.4	104.0	343.00	HORIZONTAL
283.200000	21.80	15.1	46.0	24.2	281.0	136.00	VERTICAL
633.600000	33.40	22.8	46.0	12.6	100.0	208.00	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
2876.000000	23.40	-9.7	54.0	30.6	199.0	229.00	HORIZONTAL
4254.500000	24.60	-5.2	54.0	29.4	128.0	348.00	HORIZONTAL
6379.000000	26.80	-1.1	54.0	27.2	133.0	335.00	VERTICAL
9300.000000	30.00	4.6	54.0	24.0	195.0	206.00	VERTICAL
13884.500000	33.50	10.6	54.0	20.5	164.0	264.00	HORIZONTAL
17912.500000	37.30	16.7	54.0	16.7	129.0	219.00	HORIZONTAL

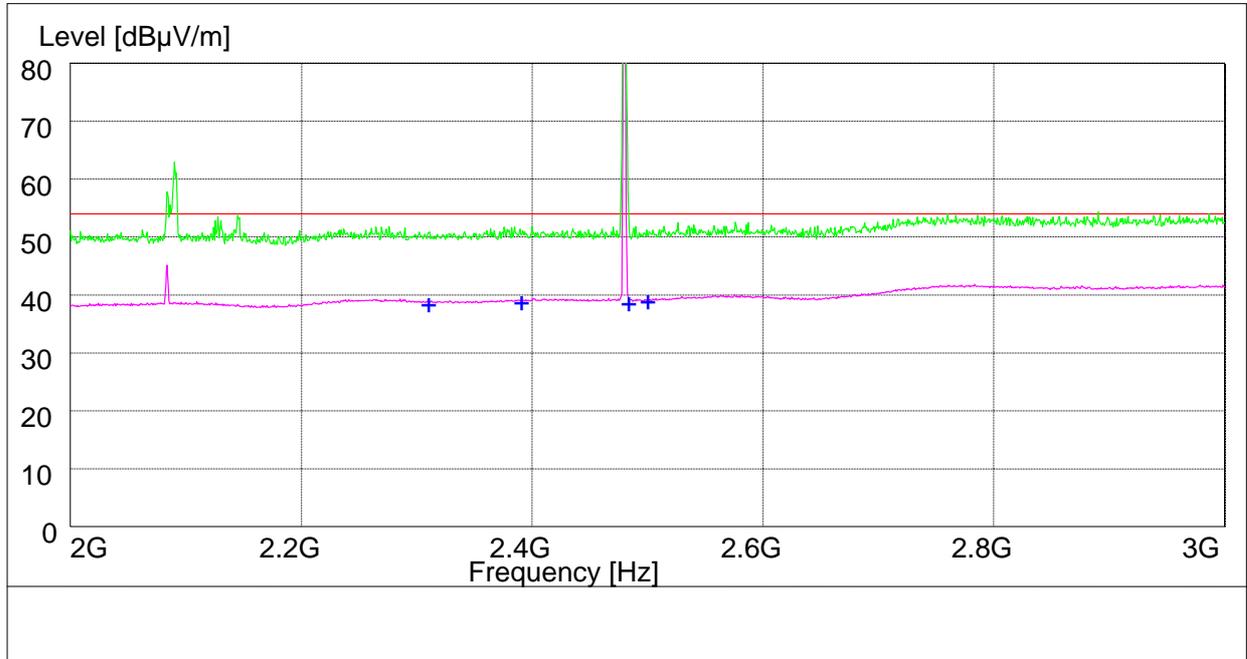


18GHz to 26GHz

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 2.2GHz 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	38.30	33.2	54.0	15.7	176.0	291.00	HORIZONTAL
2390.000000	38.60	33.5	54.0	15.4	189.0	49.00	HORIZONTAL
2483.500000	38.50	33.7	54.0	15.5	102.0	14.00	HORIZONTAL
2500.000000	38.80	33.7	54.0	15.2	100.0	283.00	VERTICAL



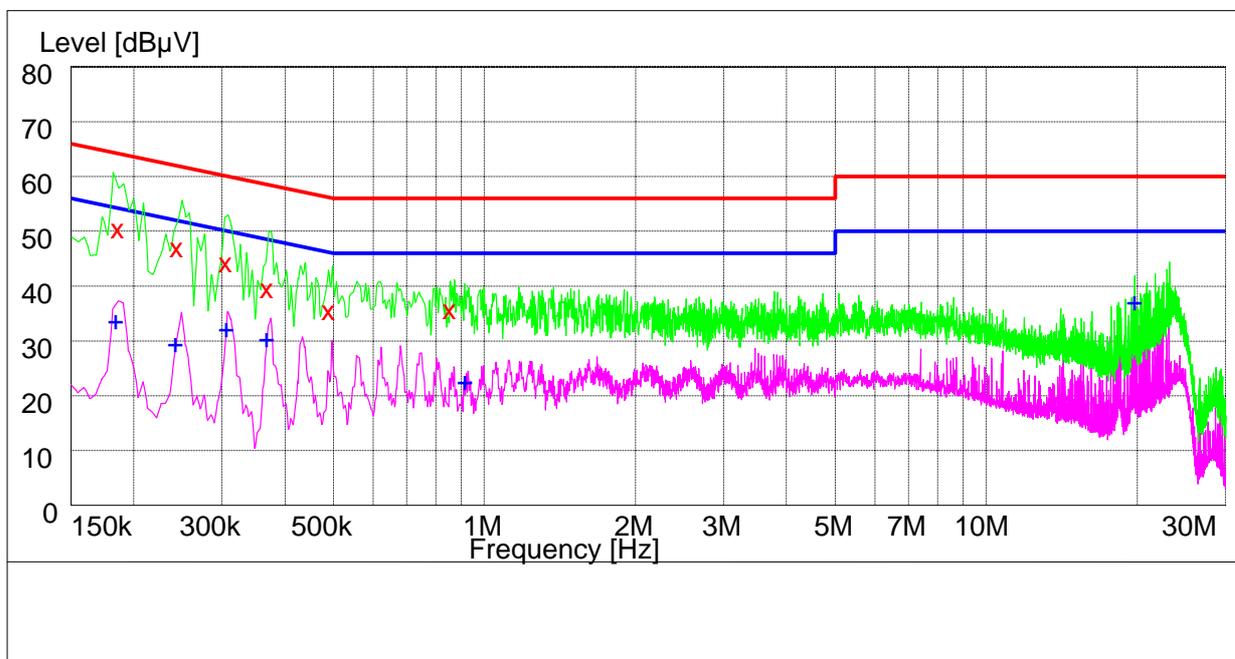
Appendix I

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
0.186000	50.40	10.1	64	13.6	N	FLO
0.244000	46.80	10.0	62	15.2	N	FLO
0.306000	44.10	10.0	60	15.9	N	FLO
0.370000	39.70	10.0	59	19.3	N	FLO
0.490000	35.50	10.1	56	20.5	N	FLO
0.854000	35.70	10.1	56	20.3	N	FLO

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Line	PE
0.184000	34.00	10.1	54	20.0	N	FLO
0.242000	29.80	10.0	52	22.2	N	FLO
0.306000	32.50	10.0	50	17.5	N	FLO
0.368000	30.30	10.0	49	18.7	N	FLO
0.914000	22.40	10.1	46	23.6	N	FLO
19.720000	37.10	10.3	50	12.9	L1	FLO