



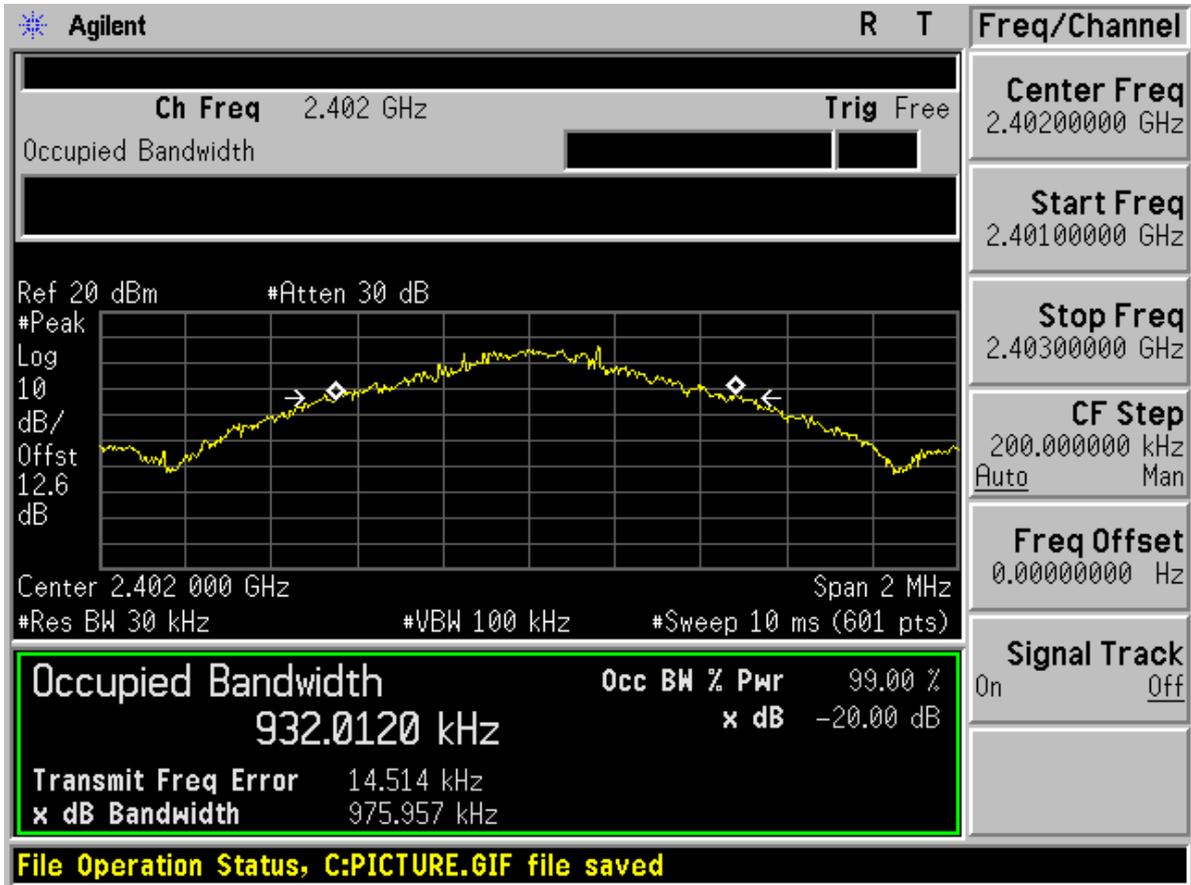
Appendix A

20dB bandwidth measurement

According to FCC Part 15.247 (a) (1)



Channel 0 (2402MHz)



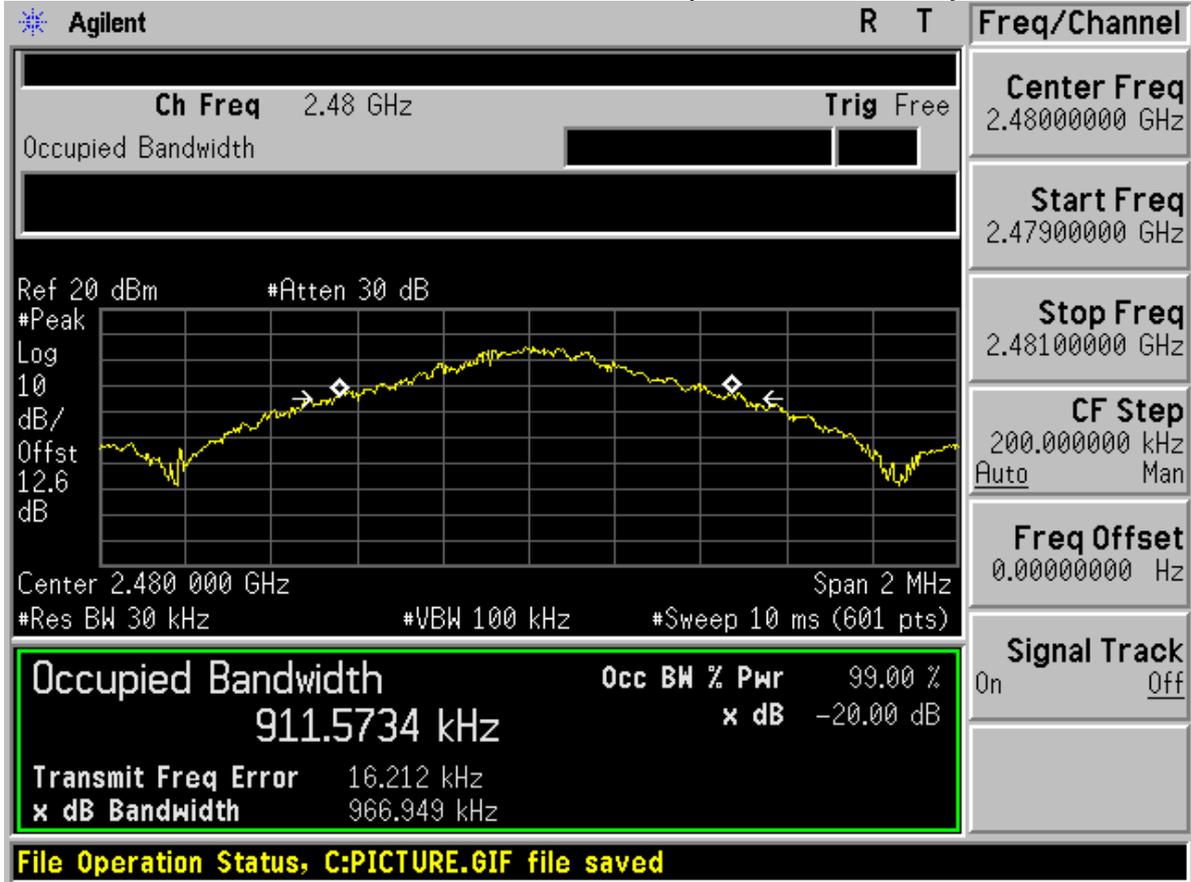


Channel 40 (2442MHz)

Agilent		R	T	Freq/Channel	
Ch Freq 2.442 GHz		Trig Free		Center Freq 2.44200000 GHz	
Occupied Bandwidth				Start Freq 2.44100000 GHz	
Ref 20 dBm #Atten 30 dB				Stop Freq 2.44300000 GHz	
				CF Step 200.000000 kHz Auto Man	
Center 2.442 000 GHz		Span 2 MHz		Freq Offset 0.00000000 Hz	
#Res BW 30 kHz		#VBW 100 kHz		Signal Track On Off	
#Sweep 10 ms (601 pts)					
Occupied Bandwidth 913.7724 kHz		Occ BW % Pwr 99.00 % x dB -20.00 dB			
Transmit Freq Error 15.741 kHz					
x dB Bandwidth 945.026 kHz					
File Operation Status, C:PICTURE.GIF file saved					



Channel 78 (2480MHz)





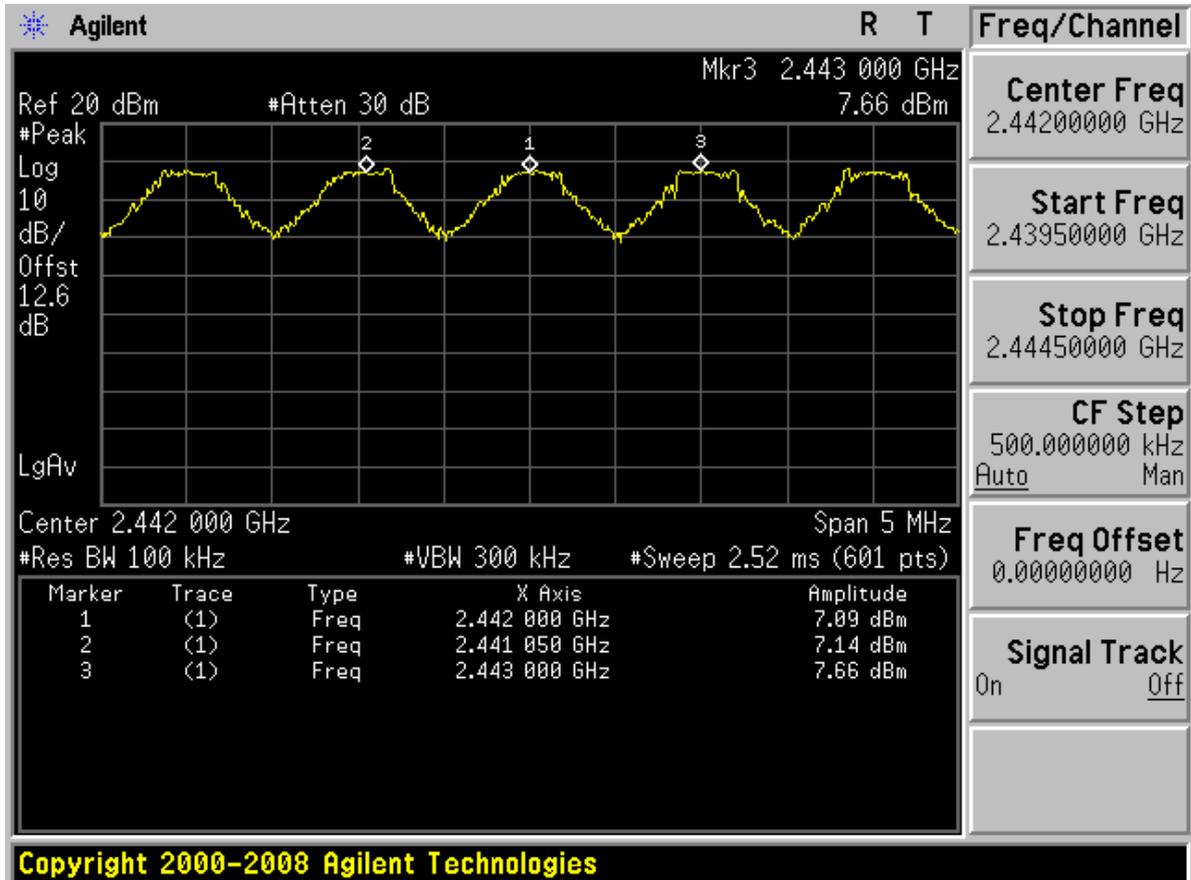
Appendix B

Carrier frequency separation measurement

According to FCC Part 15.247 (a) (1)



Centred at Channel 40





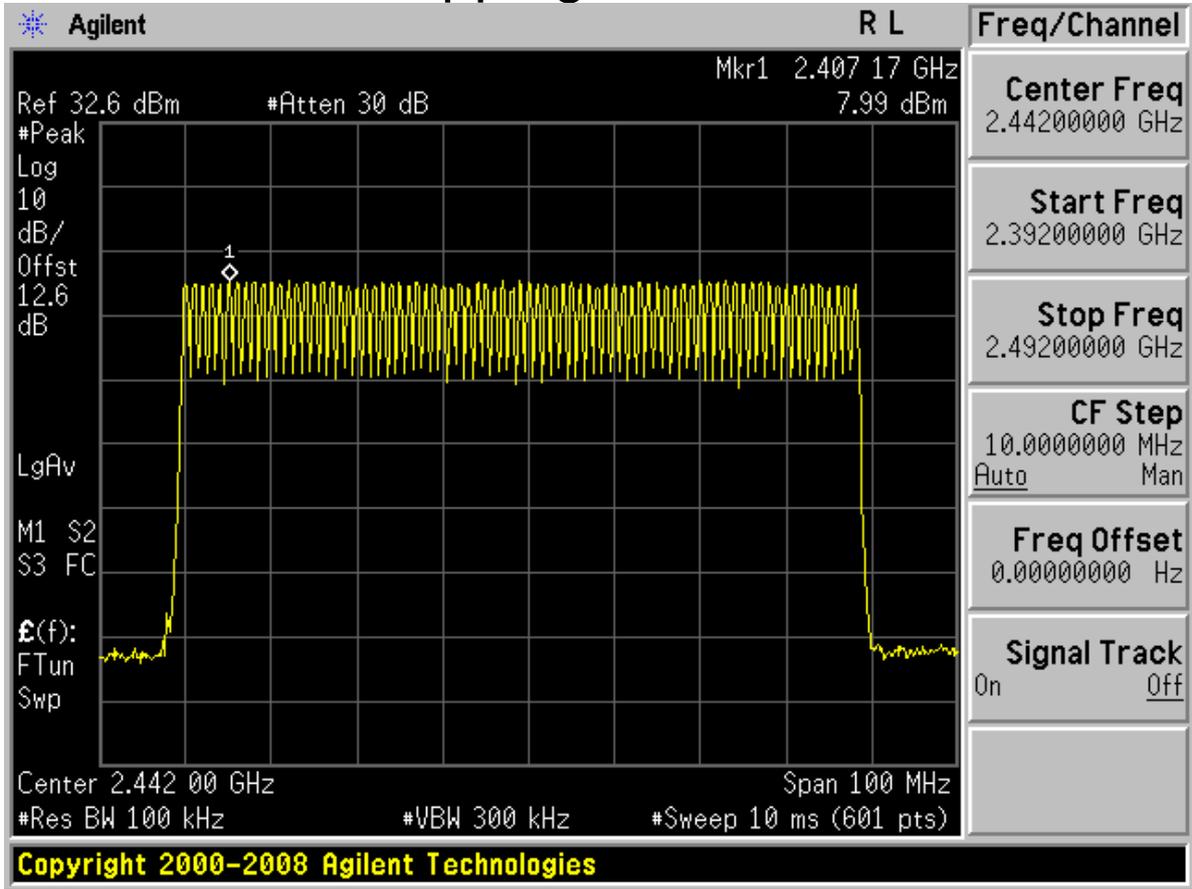
Appendix C

Number of hopping channel

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



Total hopping channels = 79





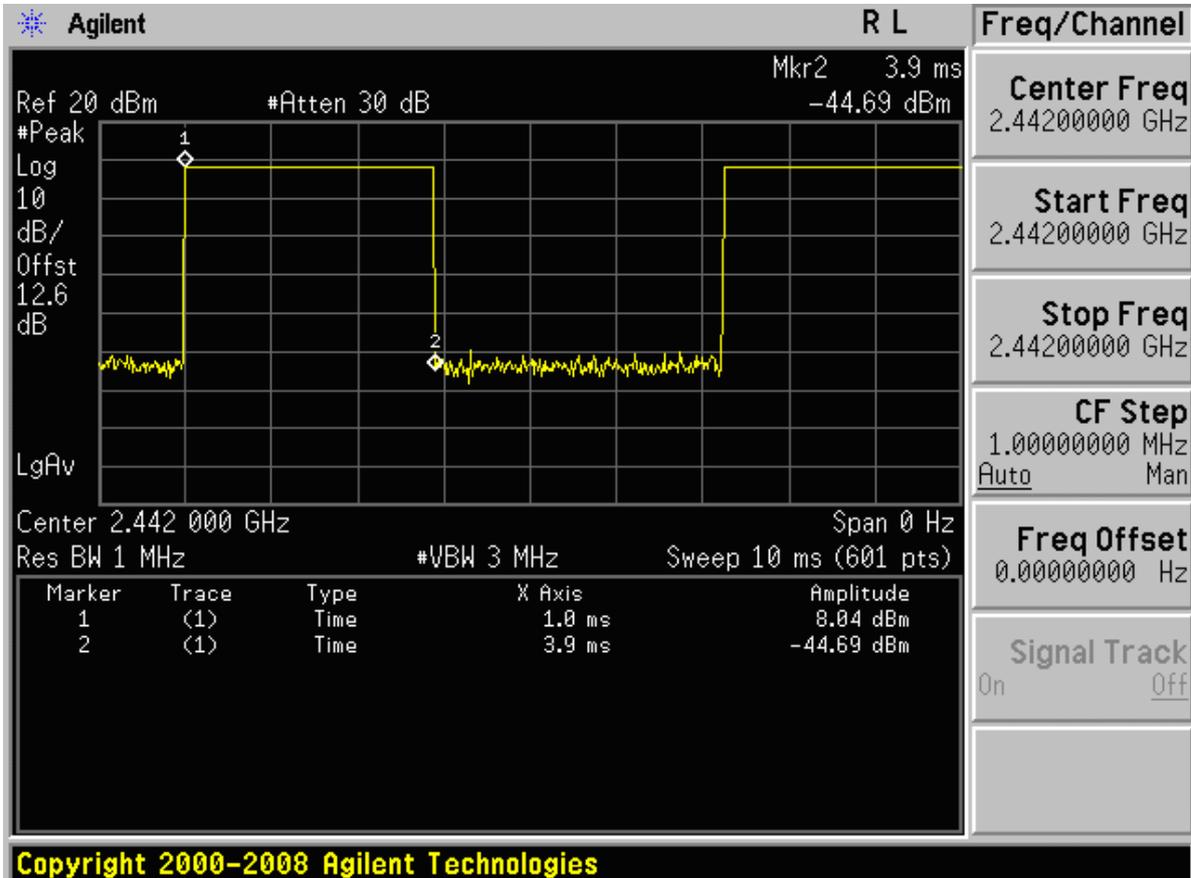
Appendix D

Time of occupancy

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



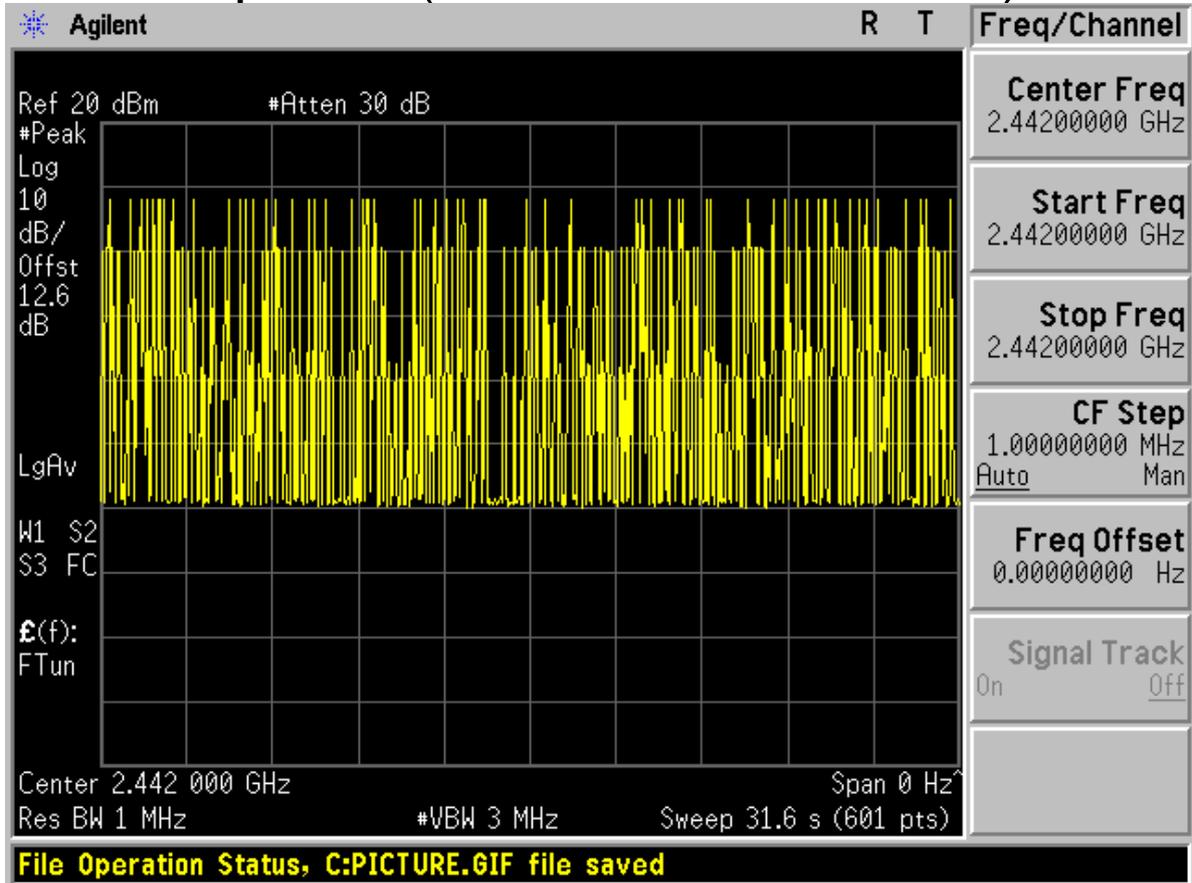
A burst (One time slot)



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A period (Less than 106.7 burst)





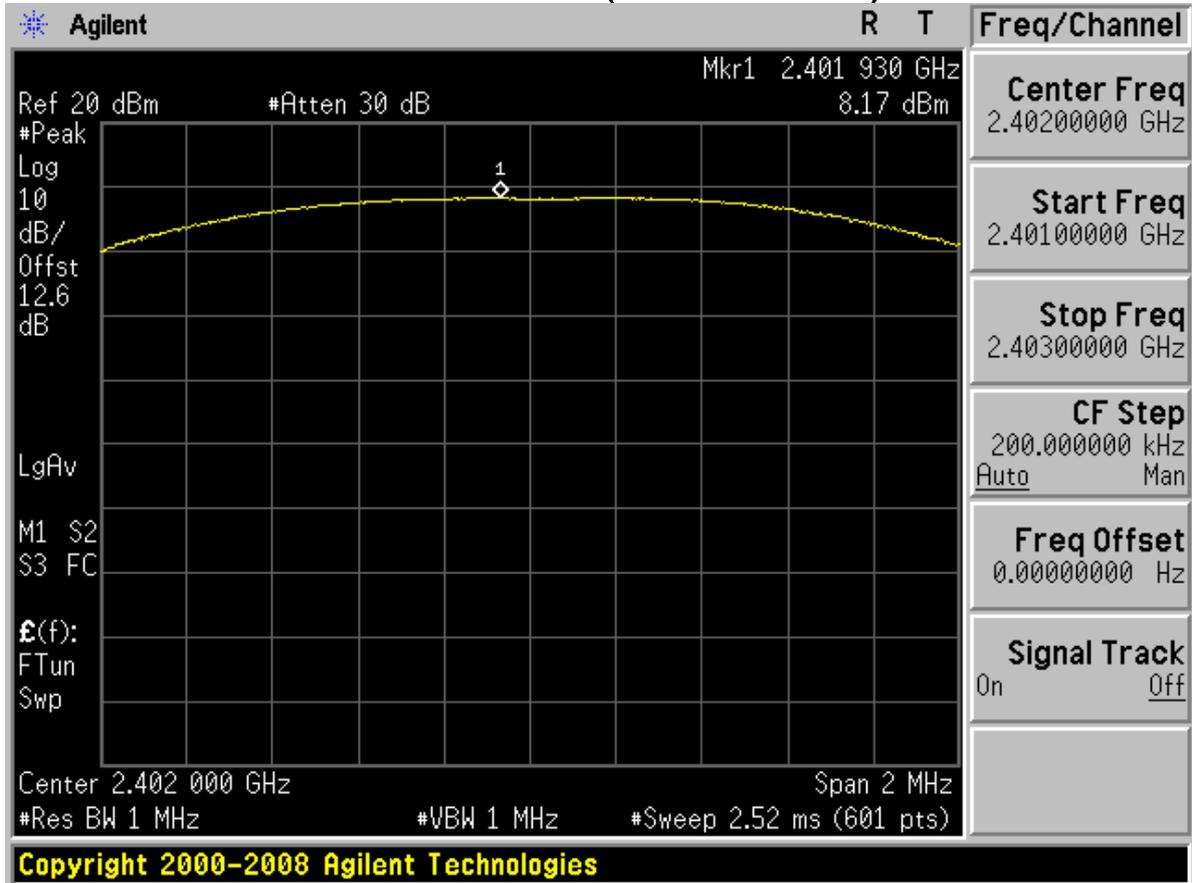
Appendix E

Peak output power

According to FCC Part 15.247 (b) (1)

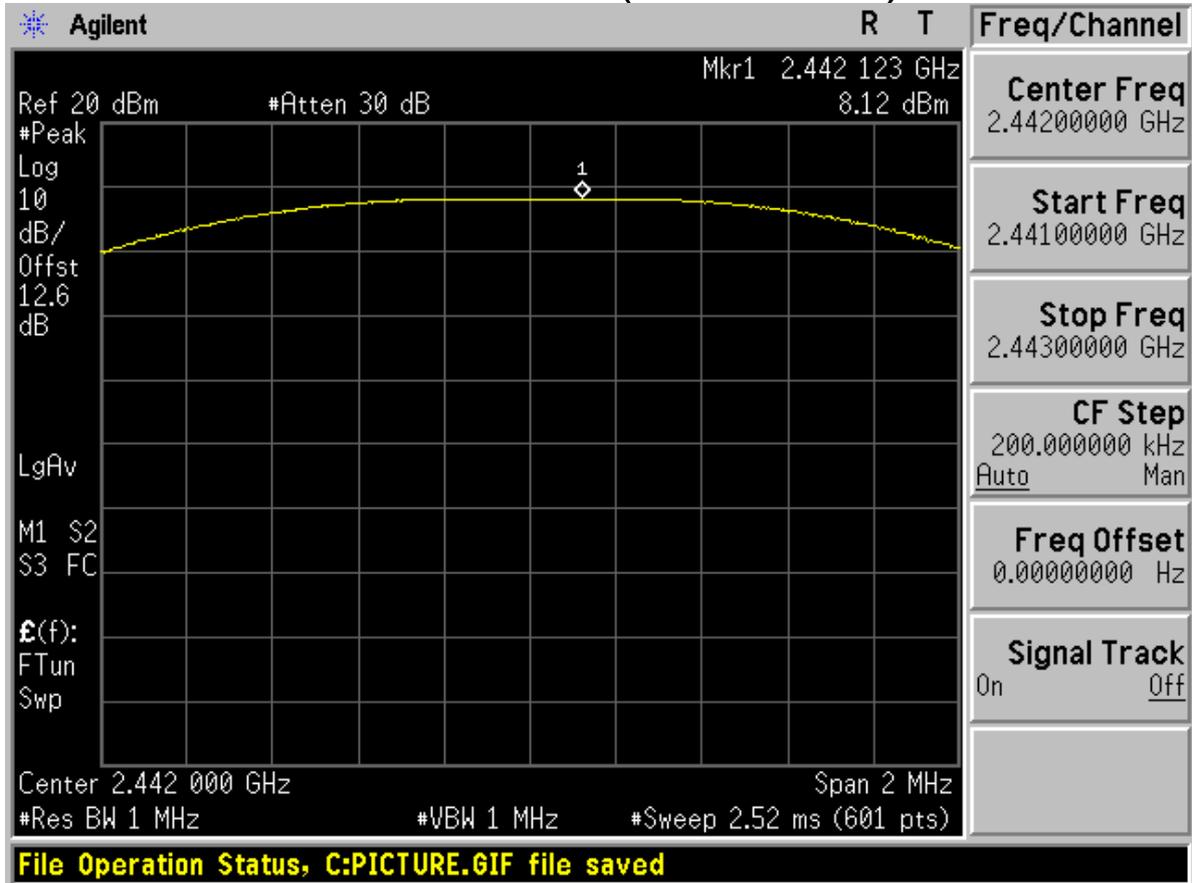


Channel 0 (2402MHz)



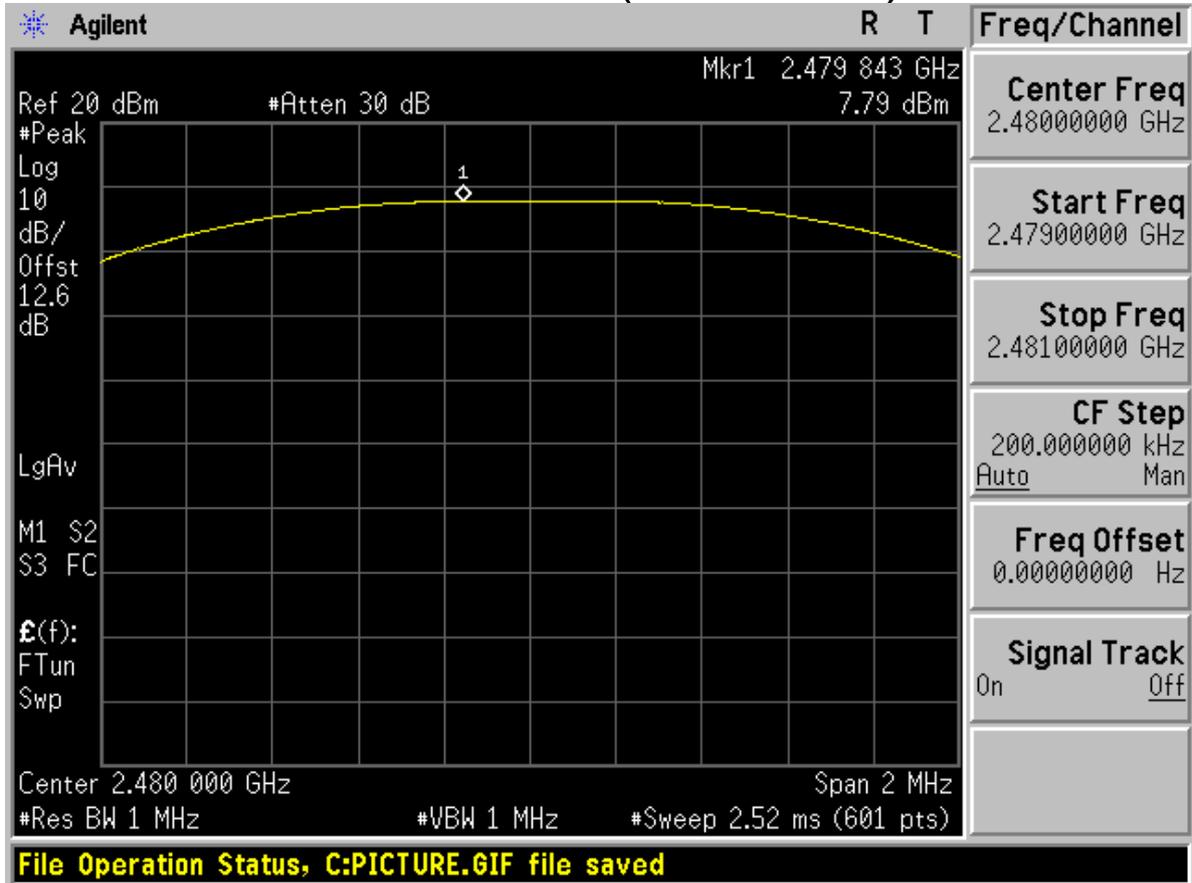


Channel 40 (2442MHz)





Channel 78 (2480MHz)





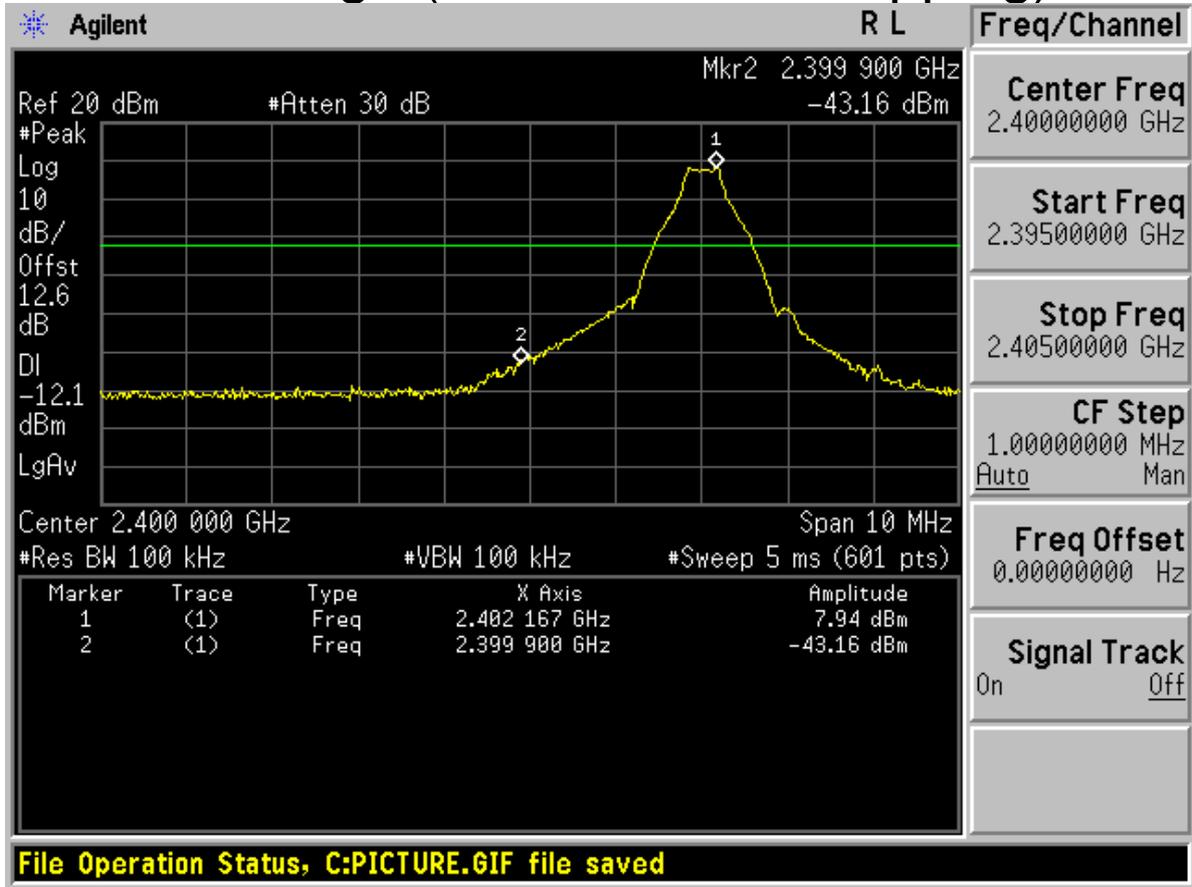
Appendix F

Band edge spurious emission

According to FCC Part 15.247 (d)

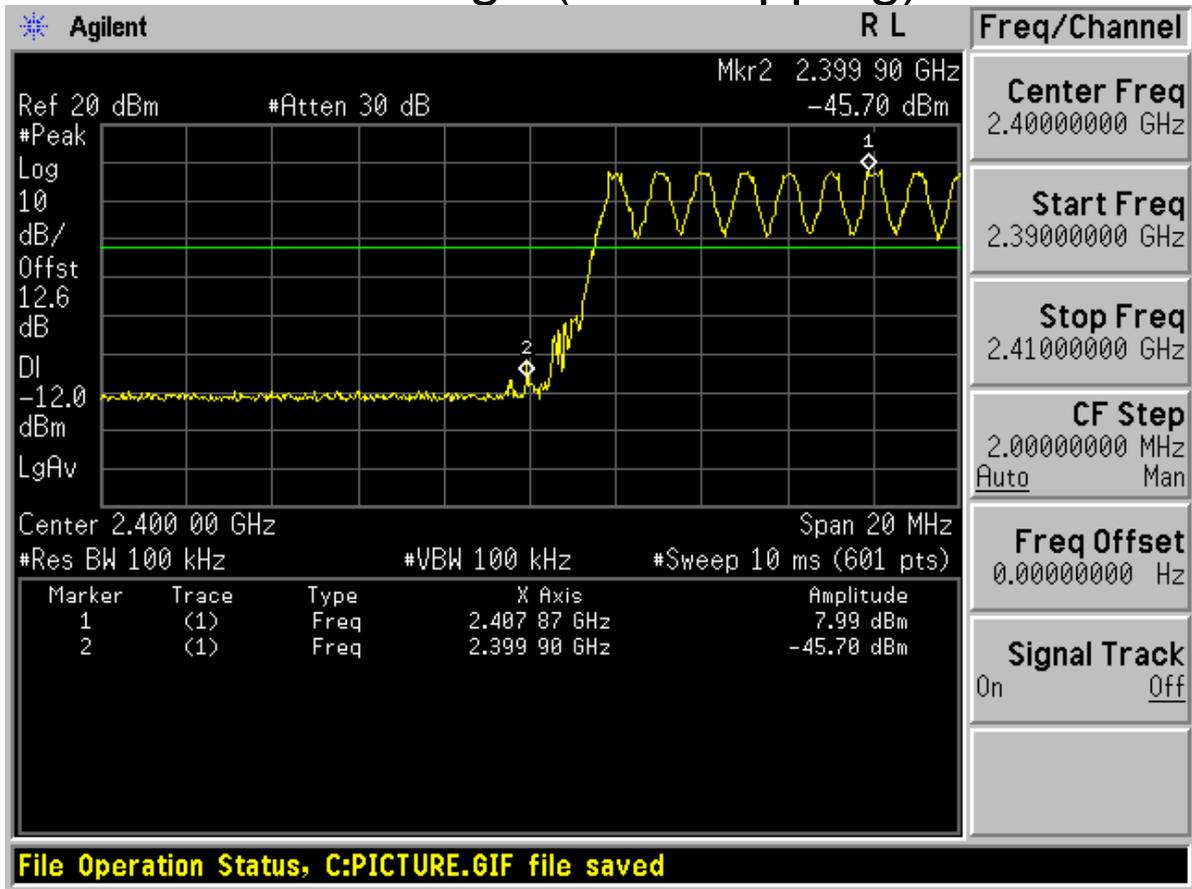


Low edge (Channel 0, no hopping)





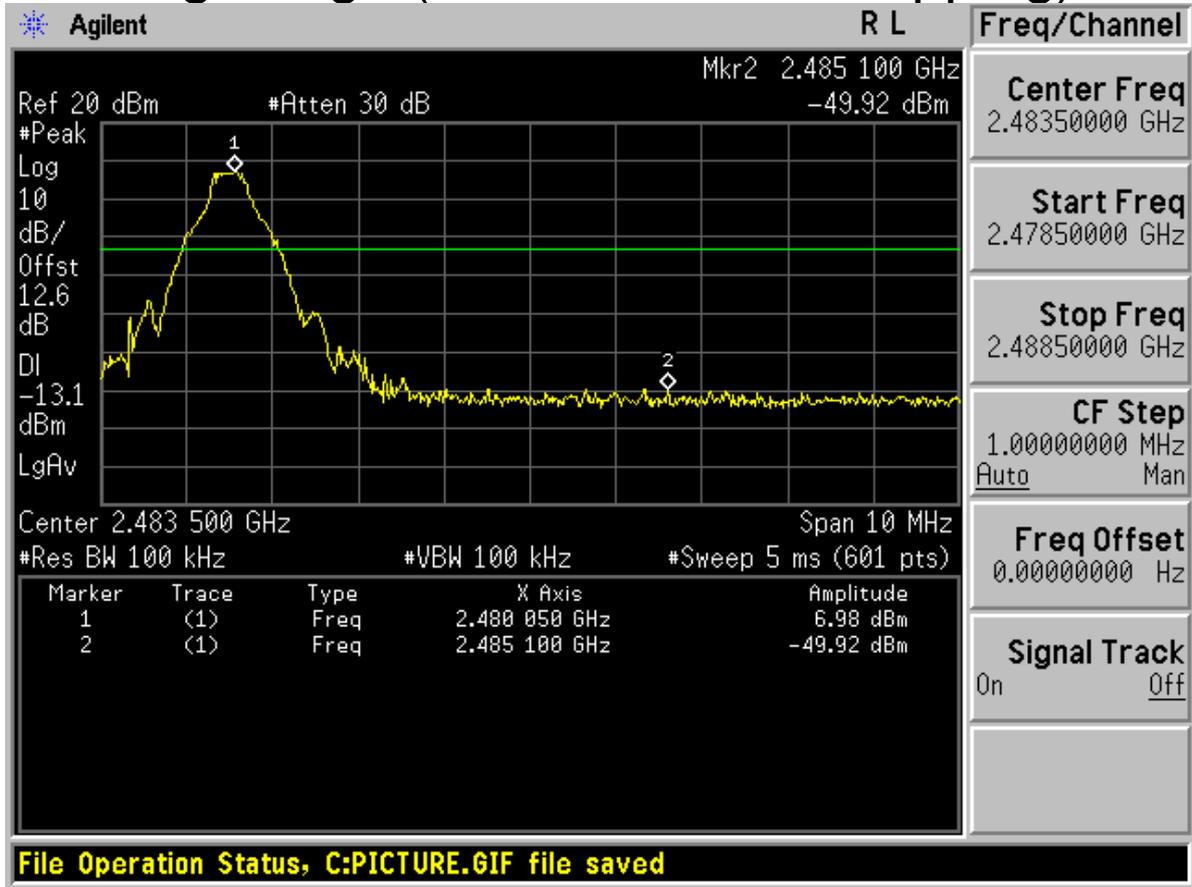
Low edge (with hopping)



File Operation Status, C:PICTURE.GIF file saved

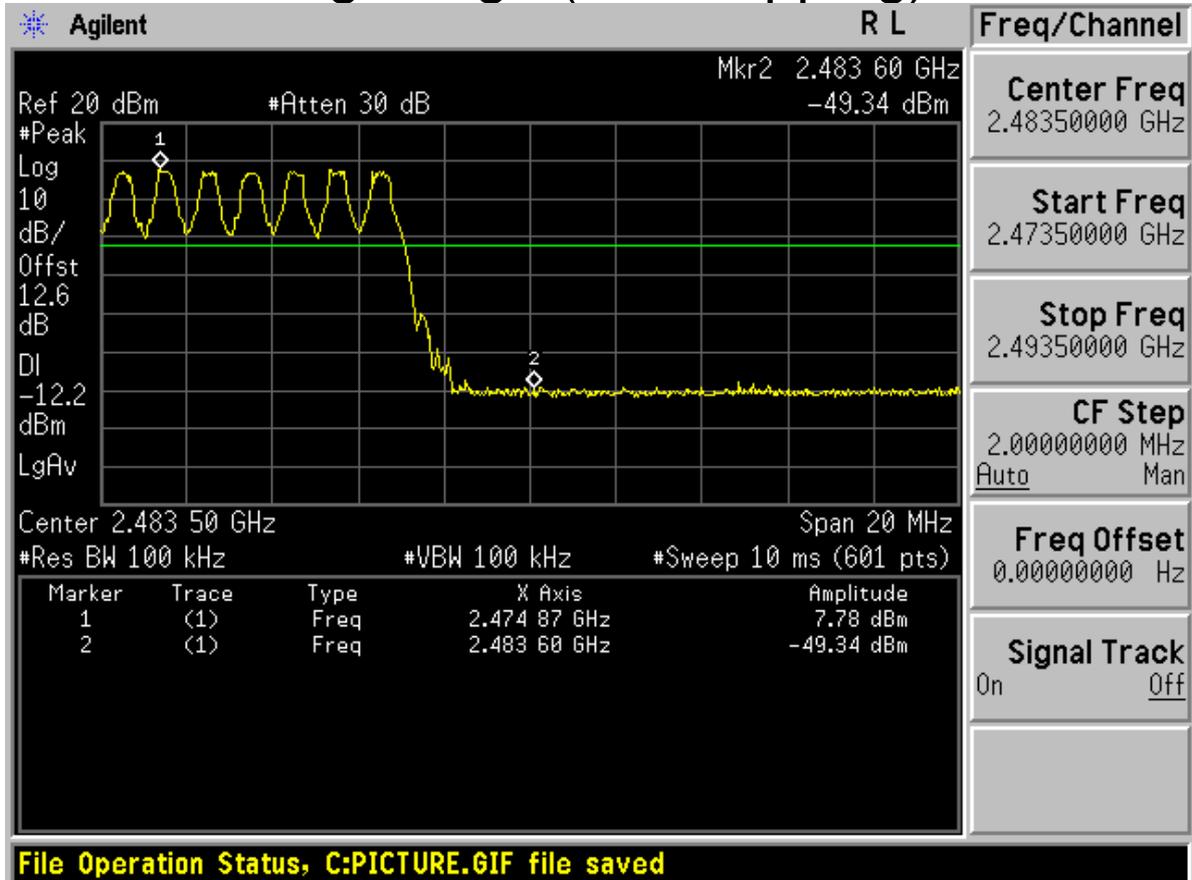


High edge (Channel 78, no hopping)





High edge (with hopping)





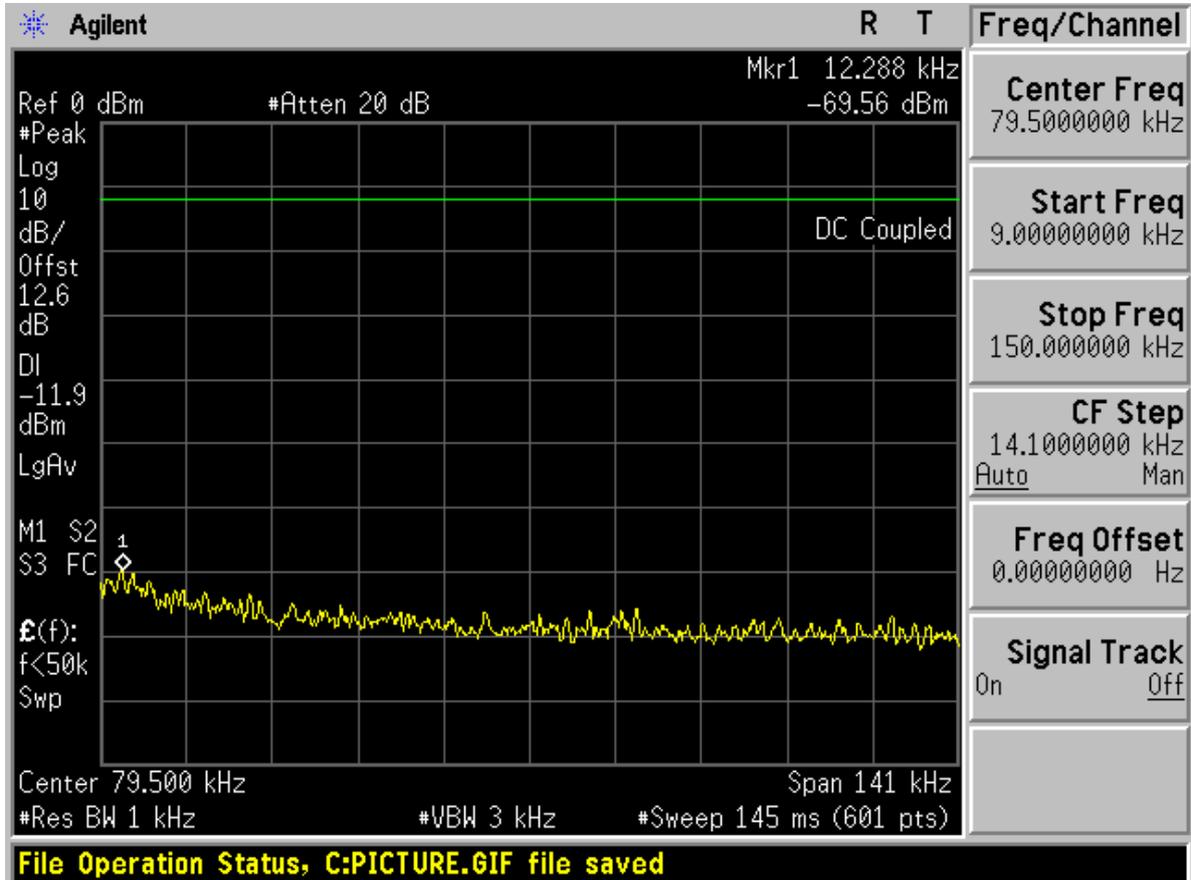
Appendix G

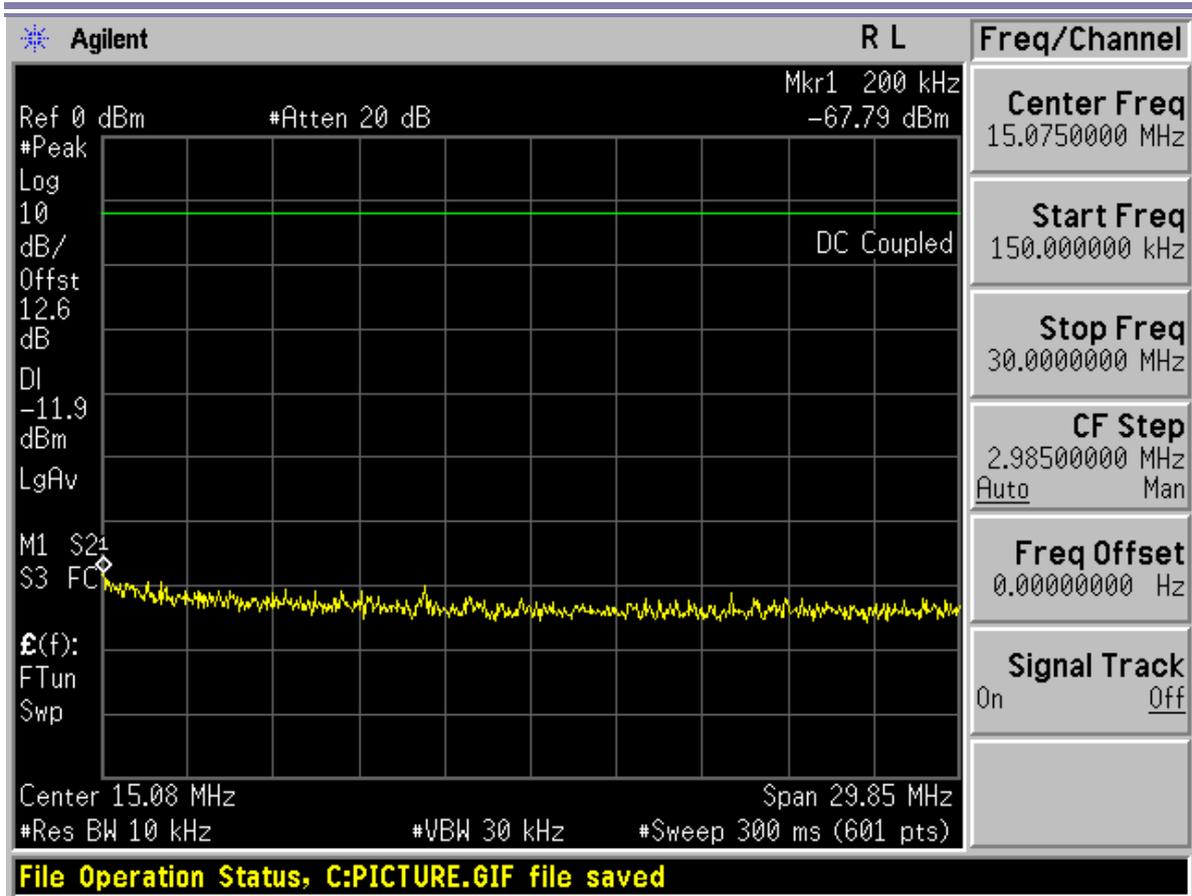
Conducted RF spurious

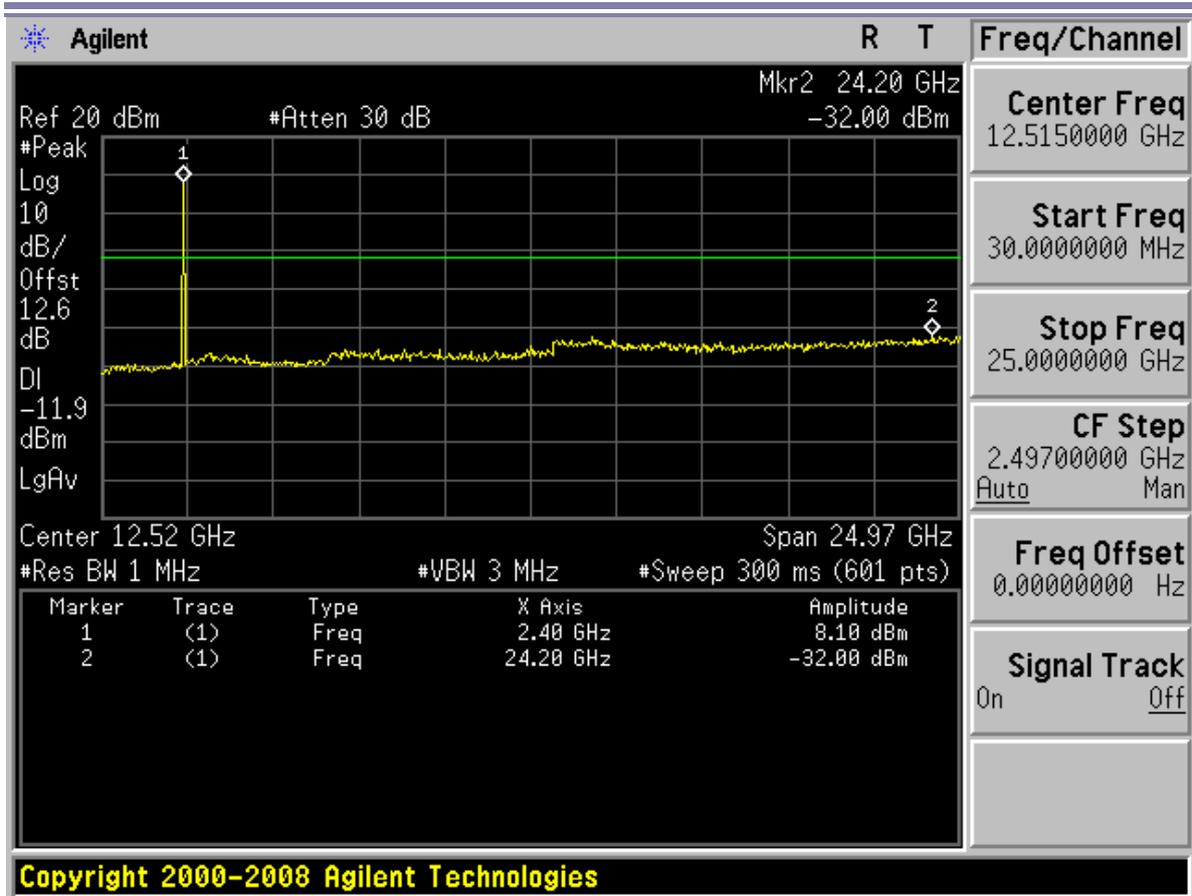
According to FCC Part 15.247 (d)



Channel 0

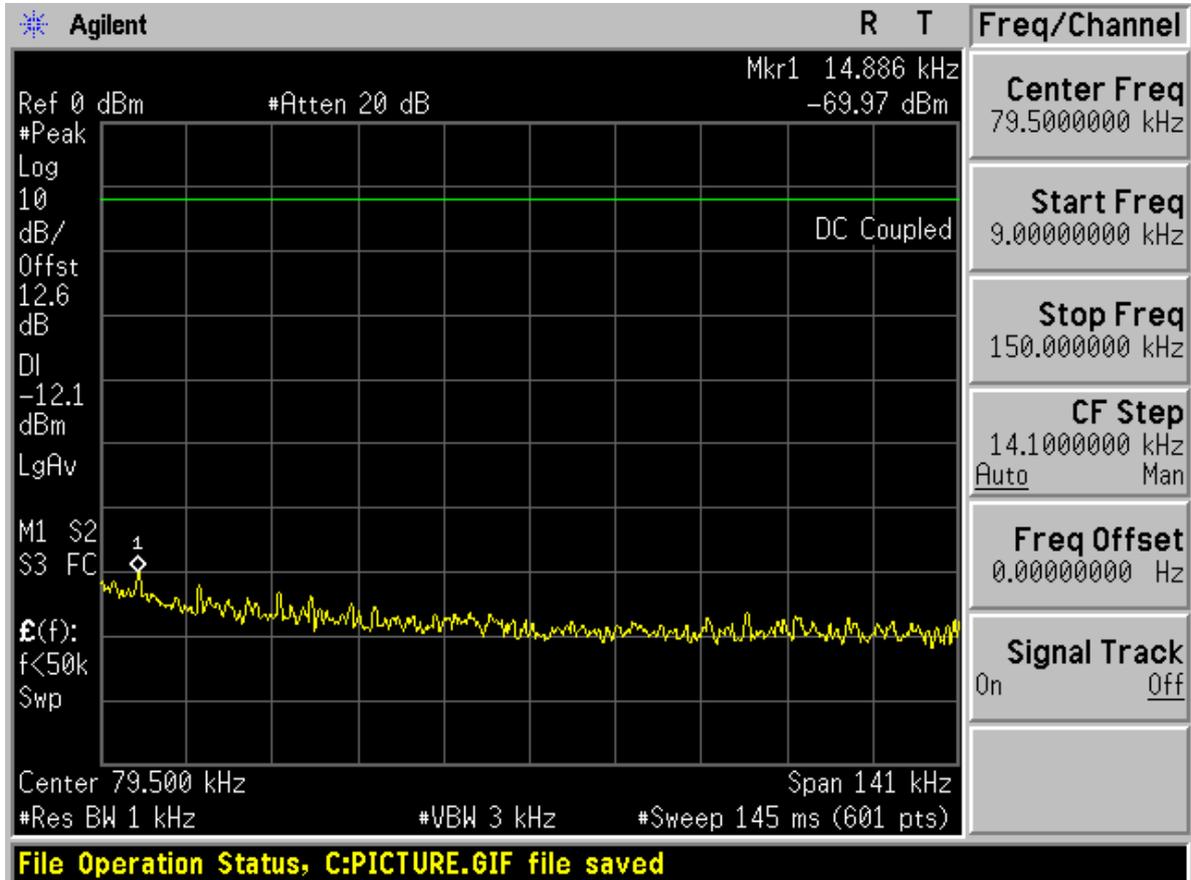


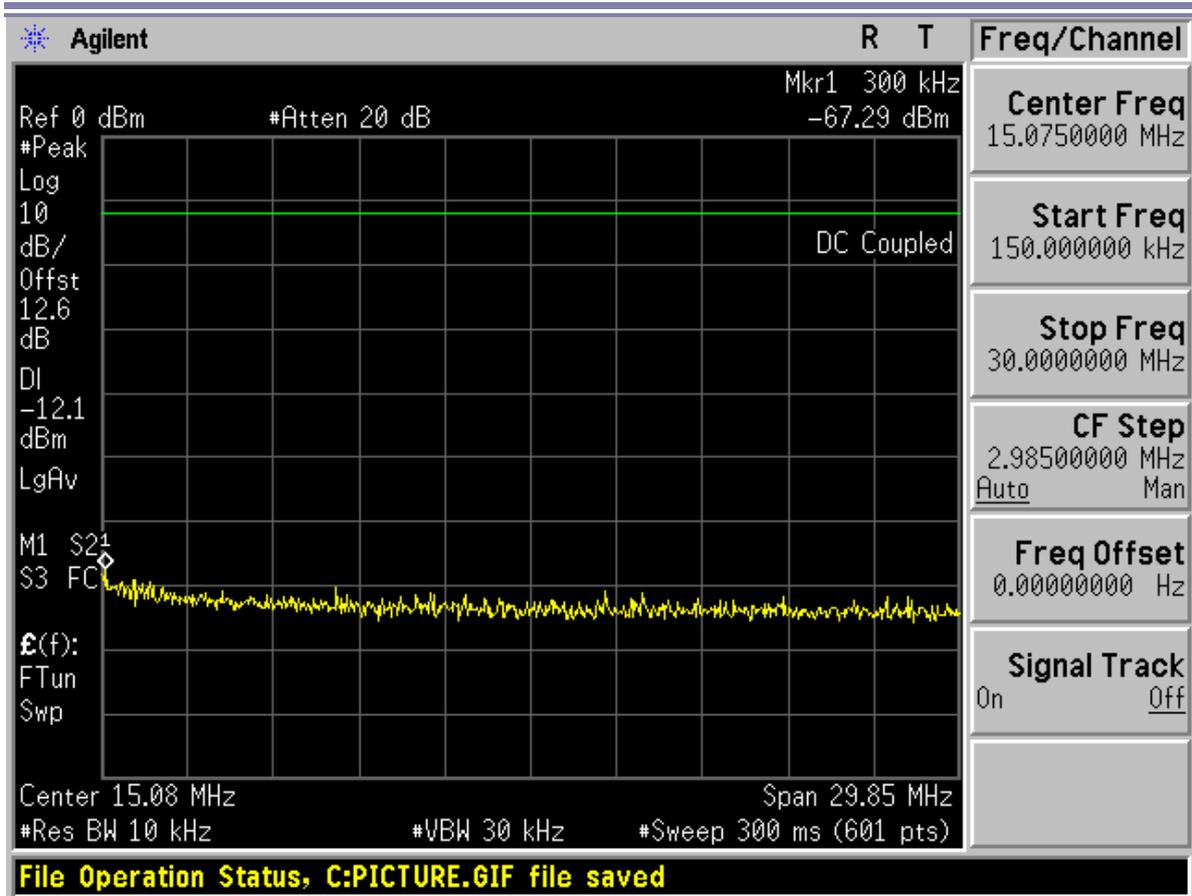


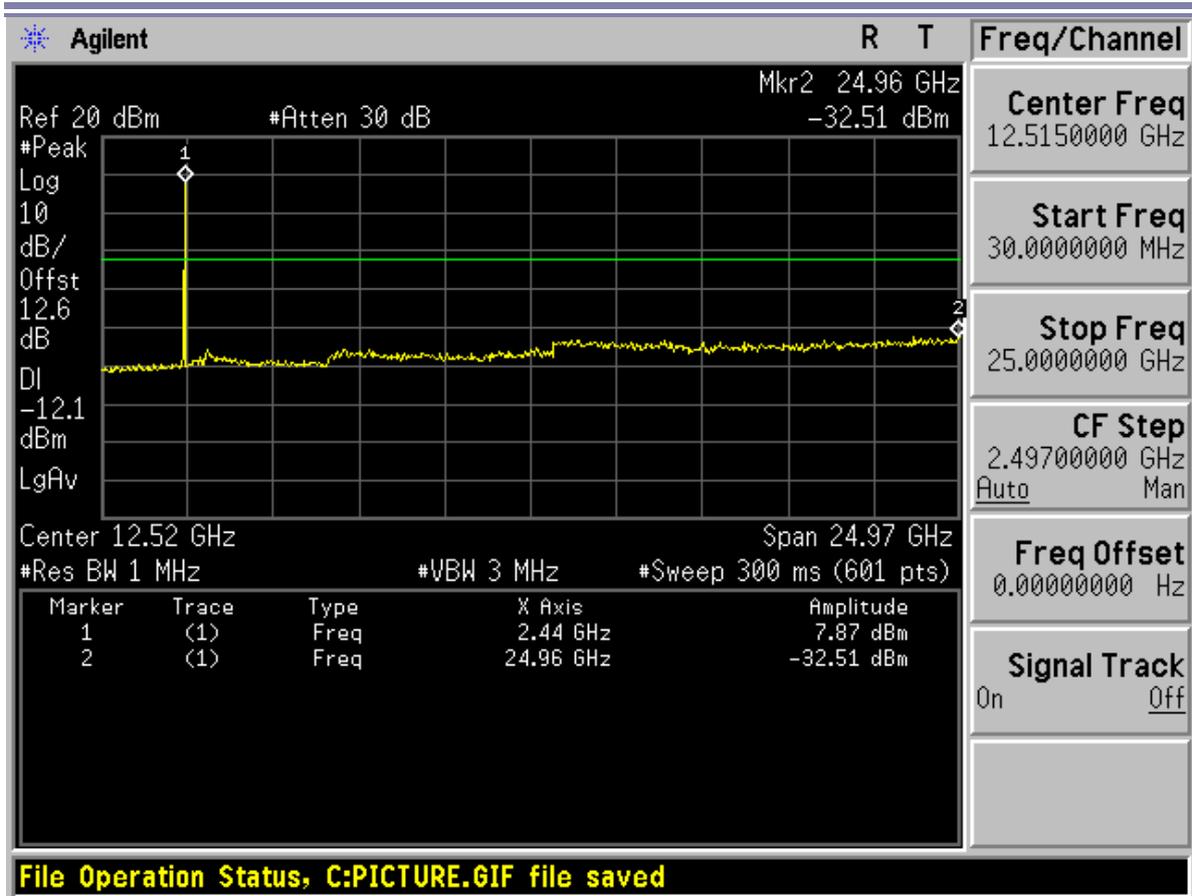




Channel 40

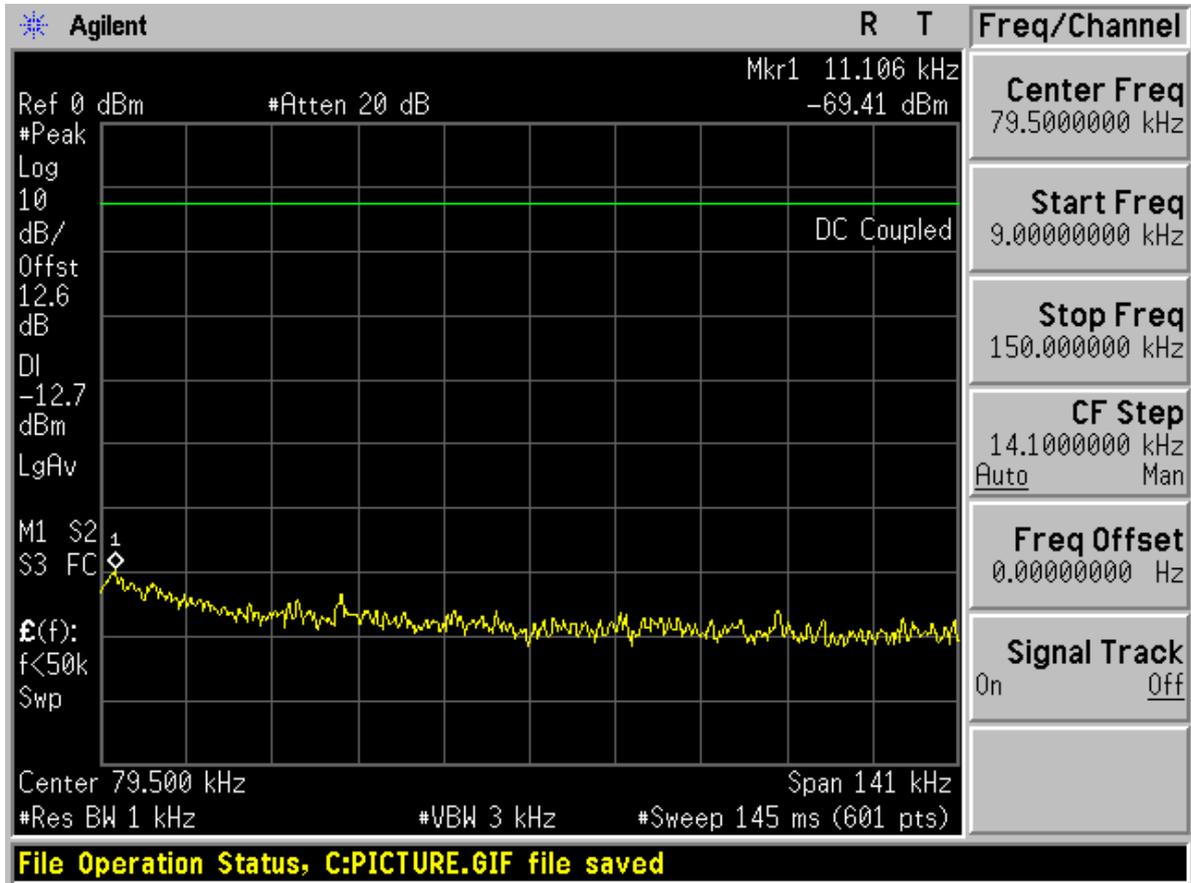


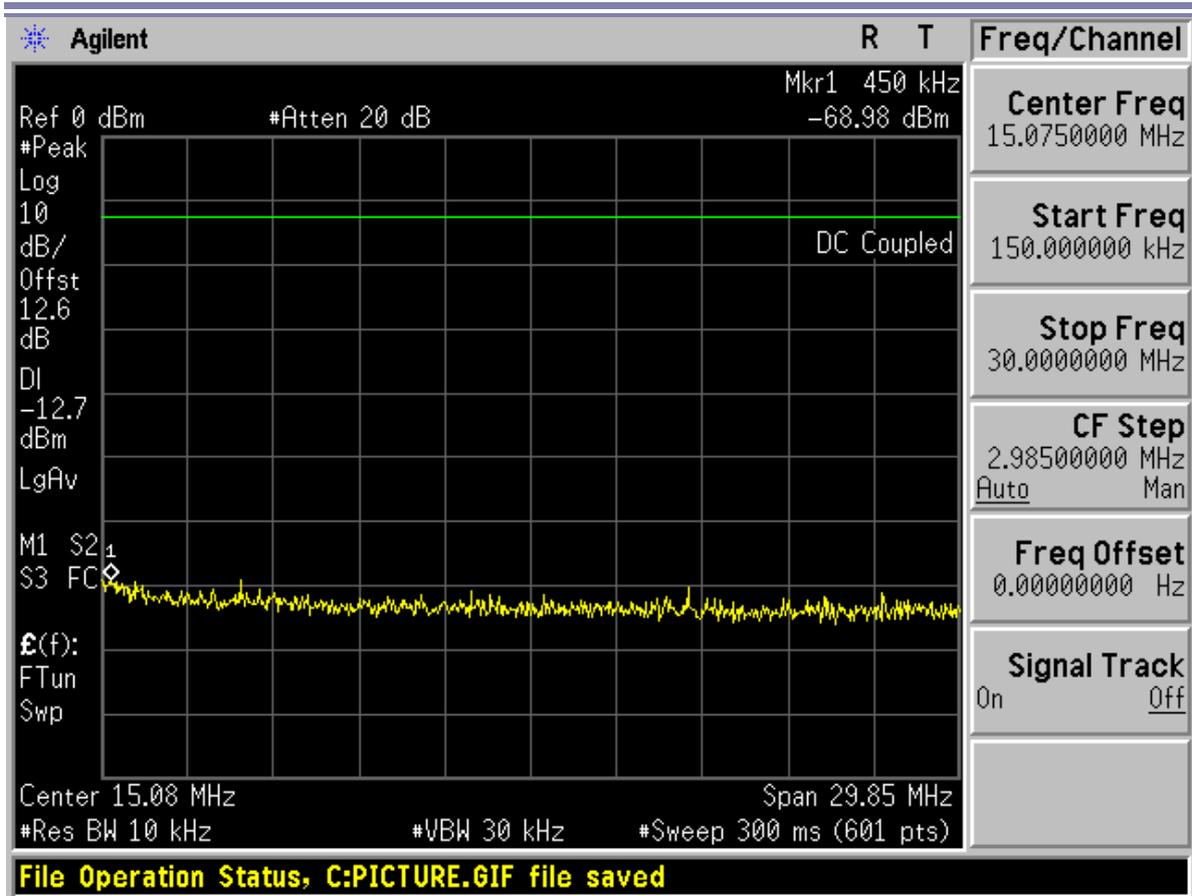


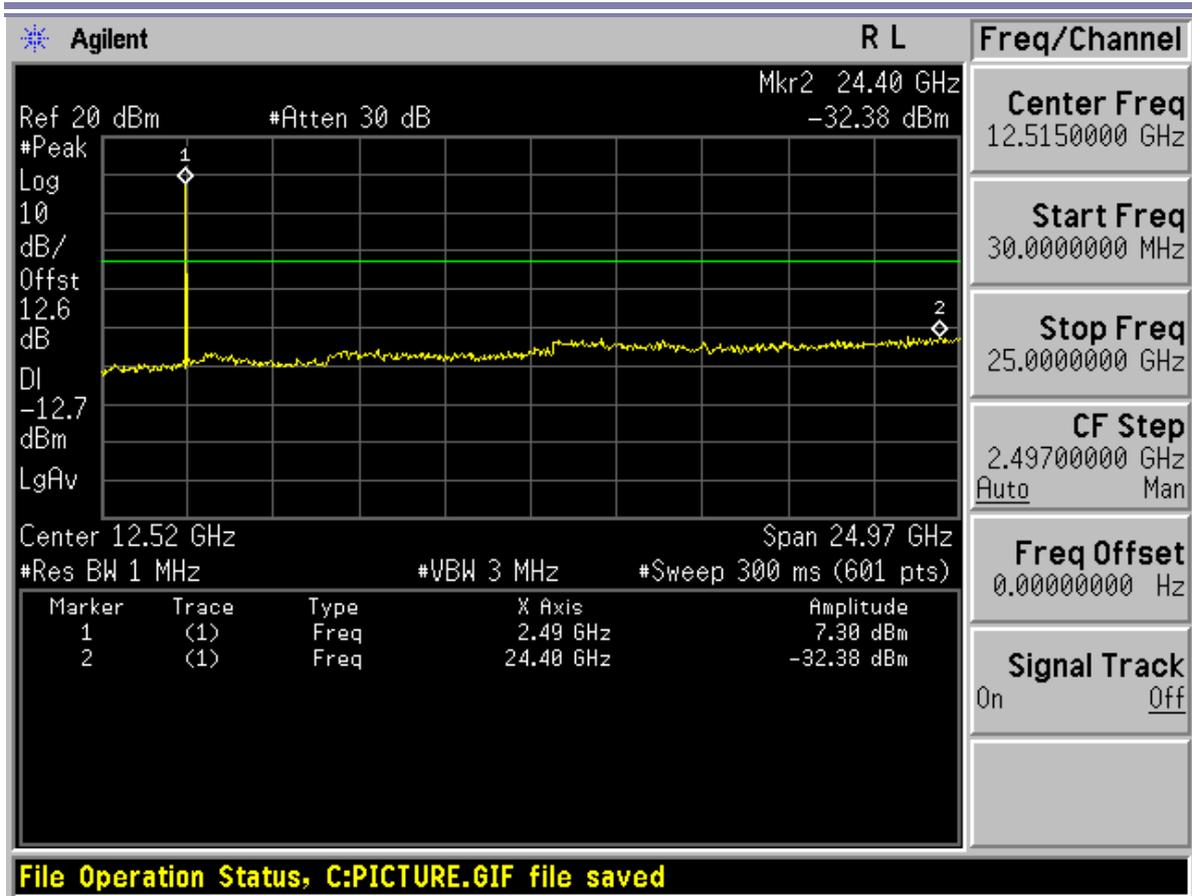




Channel 78









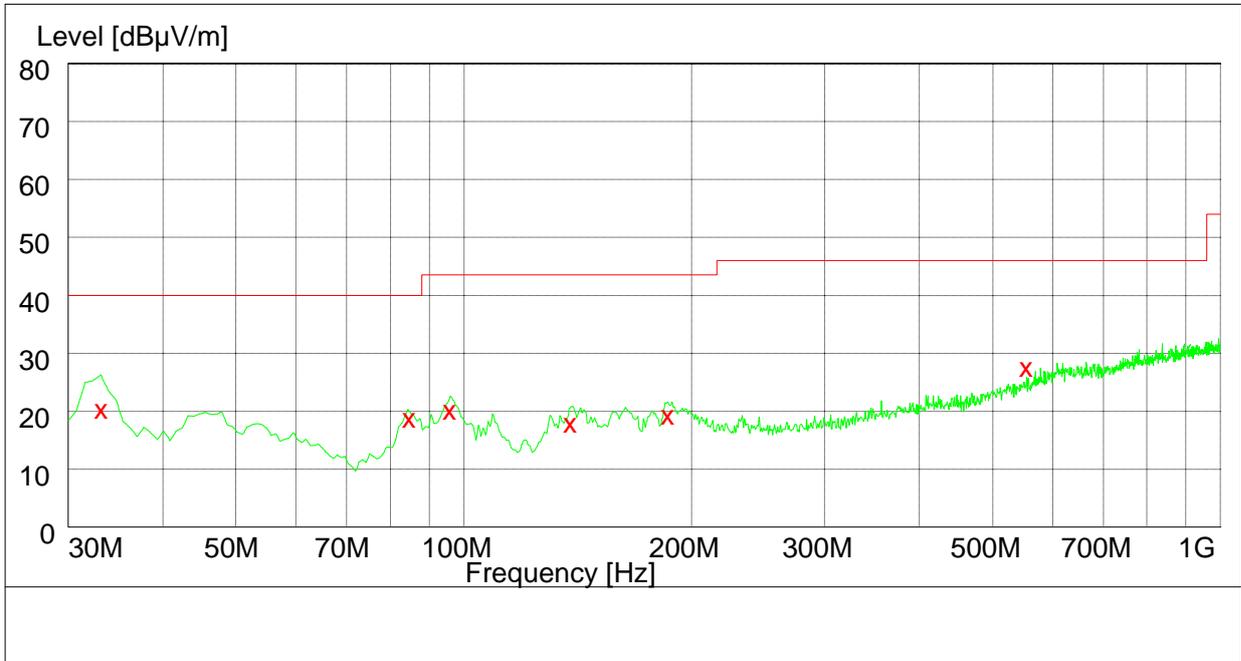
Appendix H

Radiated spurious emission

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



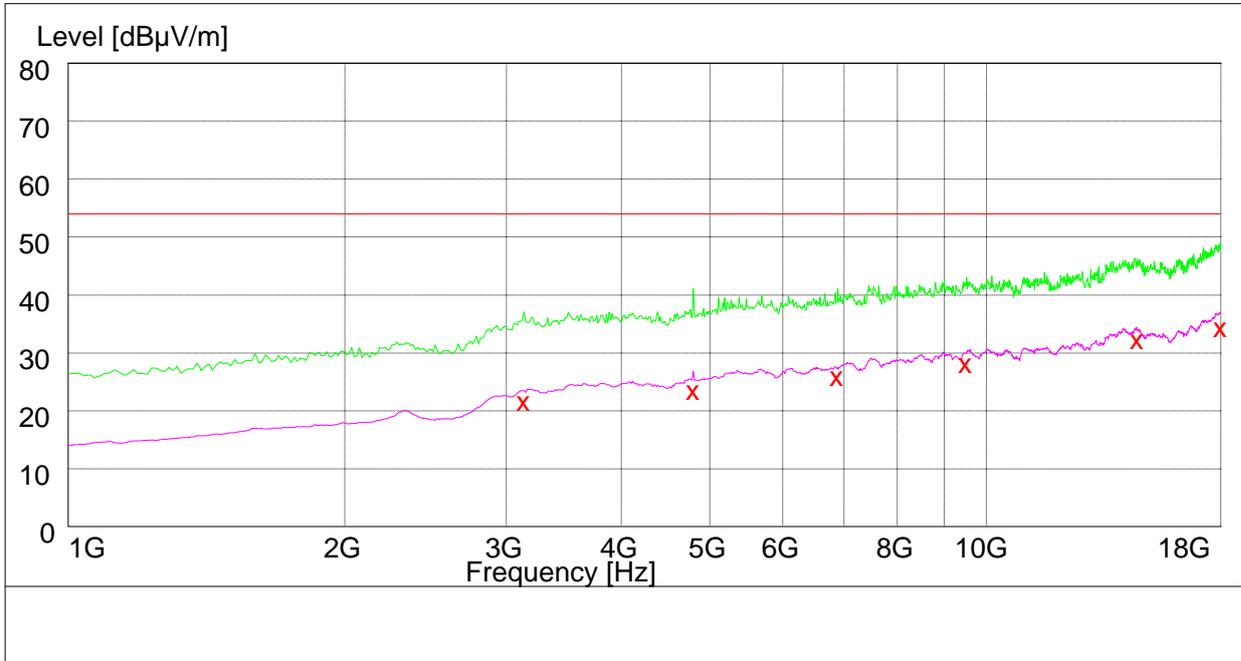
Channel 0 30MHz to 1GHz



Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Plarization
33.284000	21.50	11.7	40.0	18.5	100.0	354.00	VERTICAL
84.740000	19.90	10.1	40.0	20.1	100.0	355.00	VERTICAL
96.076000	21.40	12.8	43.5	22.1	100.0	8.00	VERTICAL
138.520000	19.20	8.8	43.5	24.3	100.0	339.00	VERTICAL
186.516000	20.50	11.6	43.5	23.0	180.0	315.00	HORIZONTAL
554.456000	28.80	21.5	46.0	17.2	125.0	214.00	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
3135.200000	22.80	-8.5	54.0	31.2	100.0	300.00	VERTICAL
4801.900000	24.70	-4.1	54.0	29.3	153.0	0.00	VERTICAL
6883.800000	27.00	-0.1	54.0	27.0	100.0	39.00	VERTICAL
9506.100000	29.40	5.0	54.0	24.6	200.0	359.00	HORIZONTAL
14598.500000	33.50	12.1	54.0	20.5	142.0	45.00	HORIZONTAL
17996.000000	35.60	17.3	54.0	18.4	100.0	33.00	HORIZONTAL

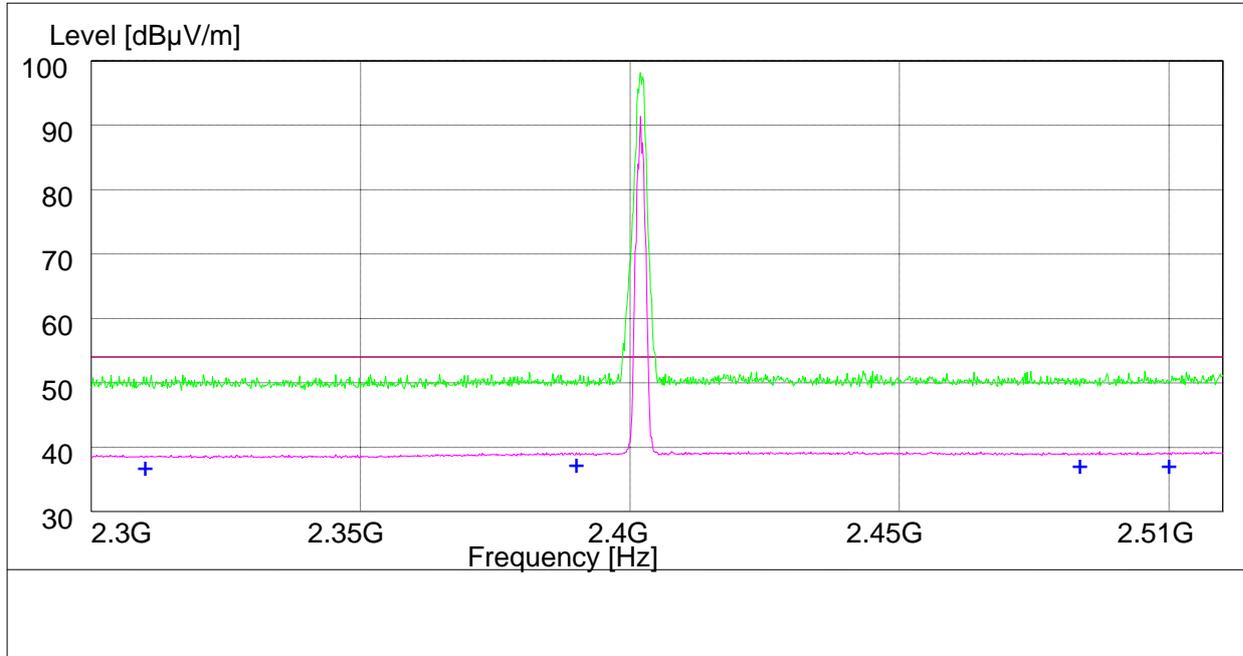


18GHz to 26GHz

Note: No peak found in pre- test.



2.3GHz to 2.51GHz

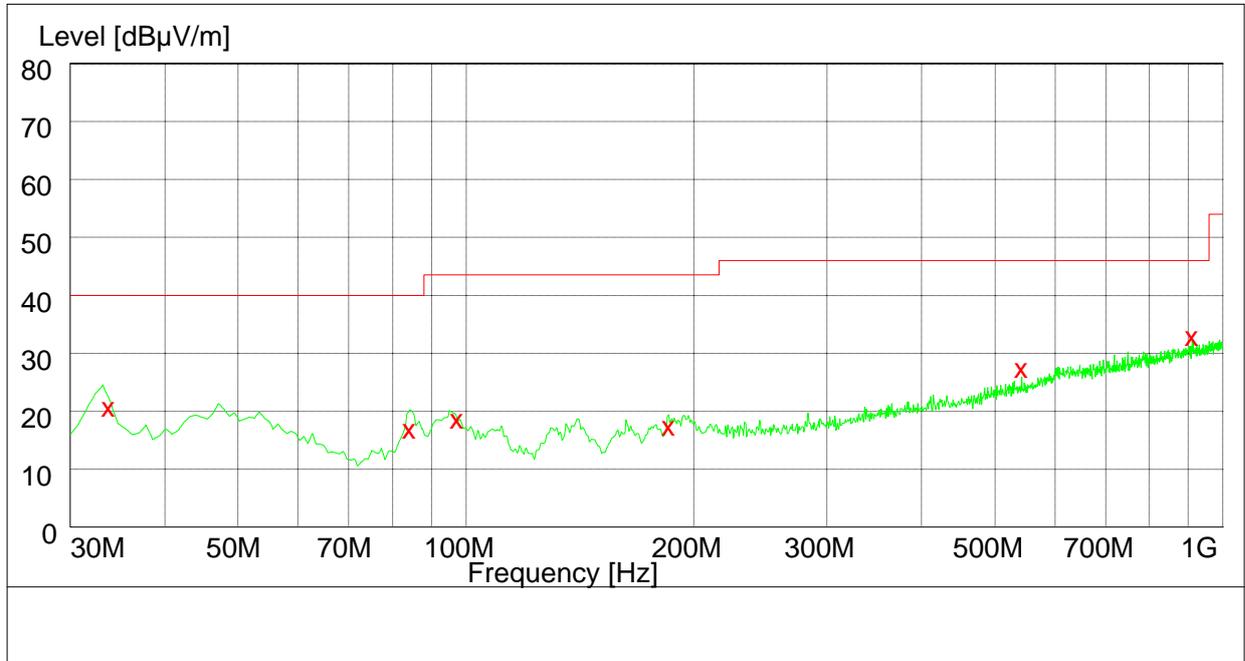


Note: The highest peak exceeds the limit line is carrier frequency.

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	181.0	239.00	VERTICAL
2390.000000	38.50	33.5	54.0	15.5	143.0	230.00	VERTICAL
2483.500000	38.30	33.7	54.0	15.7	102.0	0.00	HORIZONTAL
2500.000000	38.30	33.8	54.0	15.7	100.0	244.00	VERTICAL



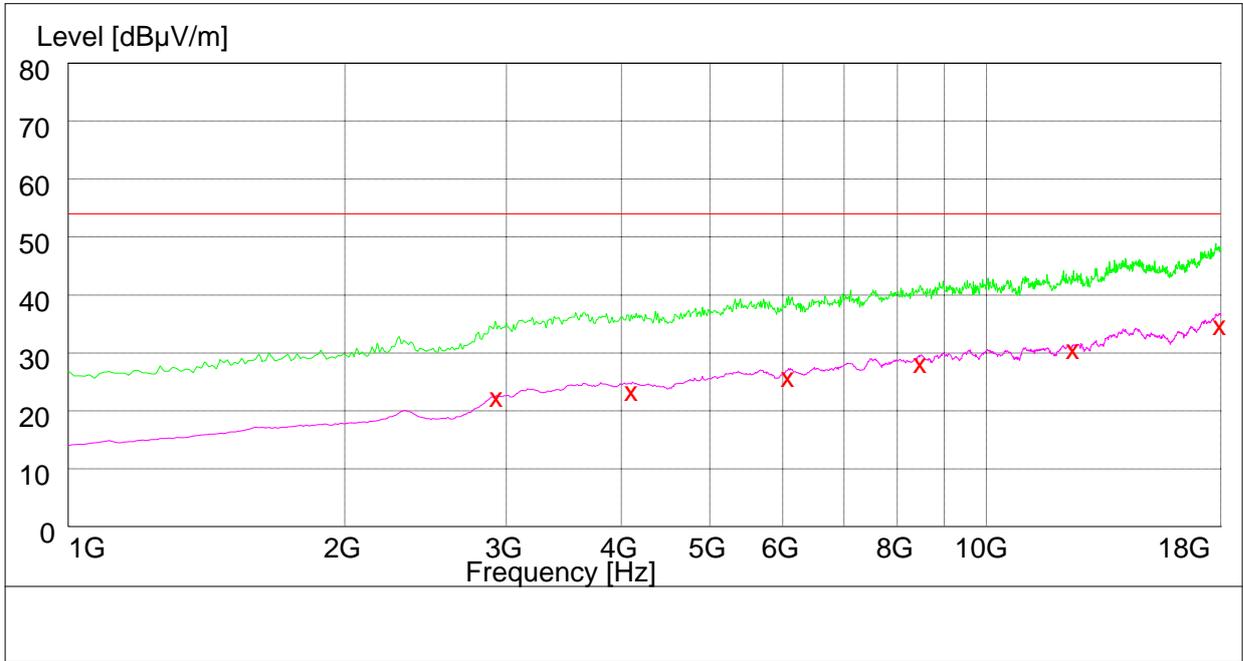
Channel 40 30MHz to 1GHz



Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
33.764000	21.90	11.7	40.0	18.1	100.0	143.00	VERTICAL
84.380000	18.10	9.9	40.0	21.9	181.0	0.00	VERTICAL
97.396000	19.70	12.9	43.5	23.8	128.0	0.00	VERTICAL
185.680000	18.60	11.5	43.5	24.9	136.0	284.00	HORIZONTAL
542.160000	28.60	21.2	46.0	17.4	200.0	12.00	VERTICAL
911.896000	34.10	26.3	46.0	11.9	177.0	332.00	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
2931.200000	22.30	-9.4	54.0	31.7	130.0	0.00	HORIZONTAL
4110.400000	24.50	-5.7	54.0	29.5	143.0	155.00	VERTICAL
6081.900000	26.90	-1.5	54.0	27.1	200.0	217.00	VERTICAL
8476.500000	29.30	3.0	54.0	24.7	123.0	153.00	VERTICAL
12433.100000	30.60	7.9	54.0	23.4	176.0	96.00	HORIZONTAL
17959.200000	35.90	17.0	54.0	18.1	194.0	136.00	HORIZONTAL

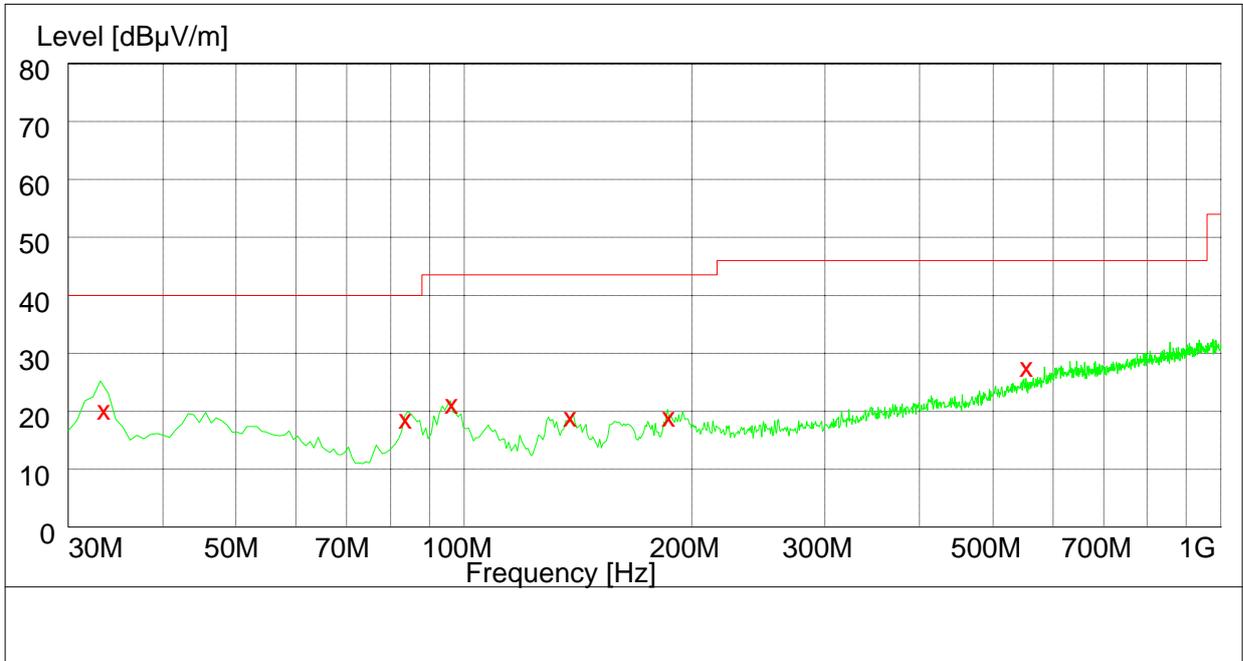


18GHz to 26GHz

Note: No peak found in pre- test.



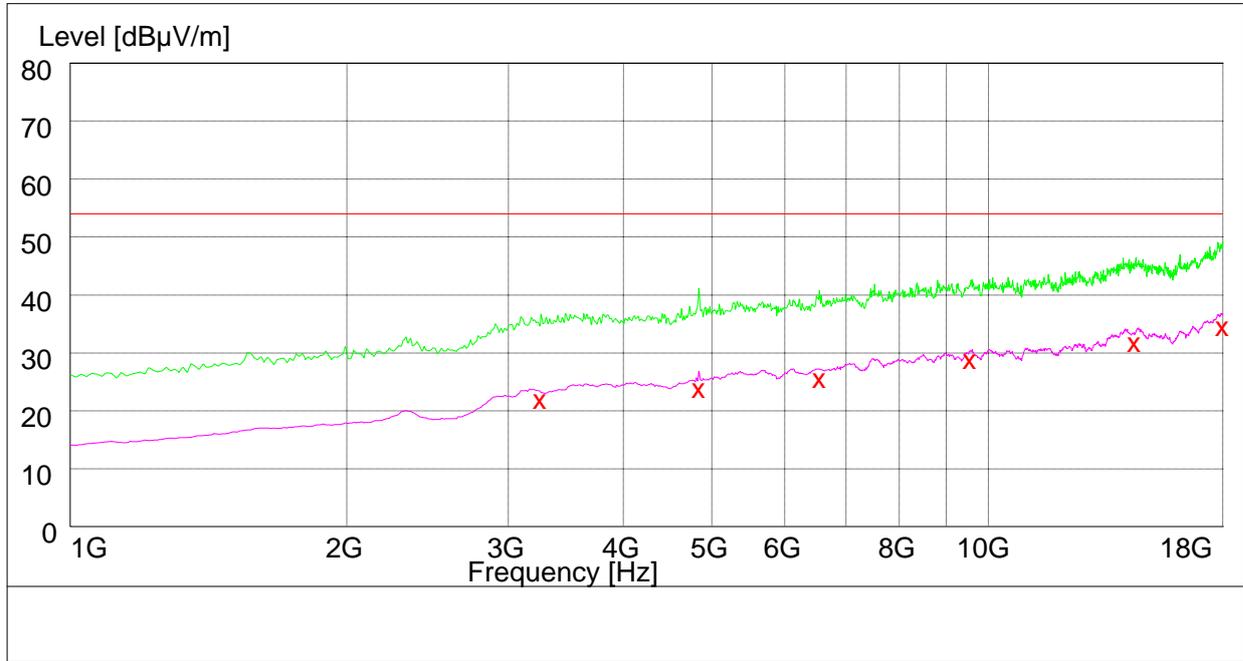
Channel 78 30MHz to 1GHz



Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
33.500000	21.40	11.7	40.0	18.6	123.0	124.00	VERTICAL
83.880000	19.70	10.1	40.0	20.3	124.0	255.00	HORIZONTAL
96.576000	22.40	12.8	43.5	21.1	125.0	258.00	VERTICAL
138.520000	20.20	8.8	43.5	23.3	105.0	309.00	VERTICAL
186.800000	20.20	11.6	43.5	23.3	100.0	35.00	HORIZONTAL
554.456000	28.80	21.5	46.0	17.2	125.0	214.00	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
3253.600000	23.10	-8.2	54.0	30.9	101.0	349.00	HORIZONTAL
4841.700000	25.00	-4.0	54.0	29.0	100.0	359.00	VERTICAL
6553.300000	26.80	-0.9	54.0	27.2	162.0	240.00	HORIZONTAL
9558.900000	30.10	5.0	54.0	23.9	165.0	309.00	VERTICAL
14437.800000	33.00	12.2	54.0	21.0	107.0	162.00	HORIZONTAL
17997.500000	35.80	17.3	54.0	18.2	199.0	137.00	HORIZONTAL

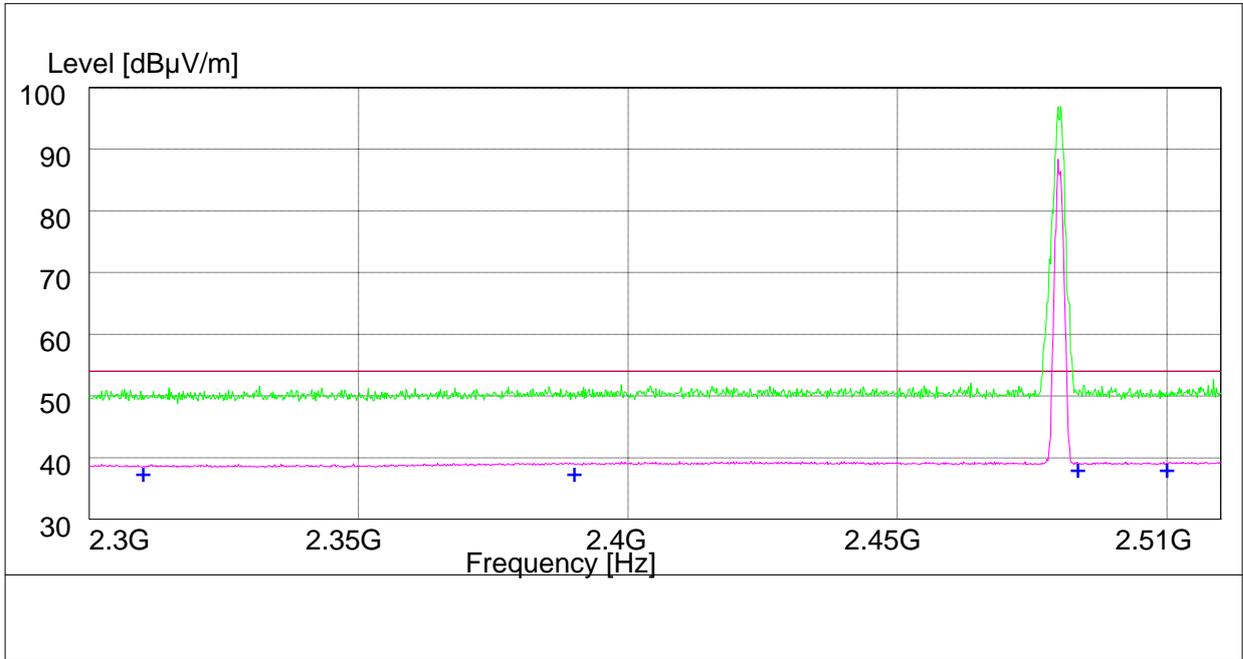


18GHz to 26GHz

Note: No peak found in pre- test.



2.3GHz to 1.51GHz



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	38.60	33.3	54.0	15.4	101.0	209.00	HORIZONTAL
2390.000000	38.60	33.5	54.0	15.4	123.0	240.00	VERTICAL
2483.500000	38.80	33.7	54.0	15.2	128.0	25.00	HORIZONTAL
2500.000000	38.80	33.8	54.0	15.2	102.0	304.00	VERTICAL



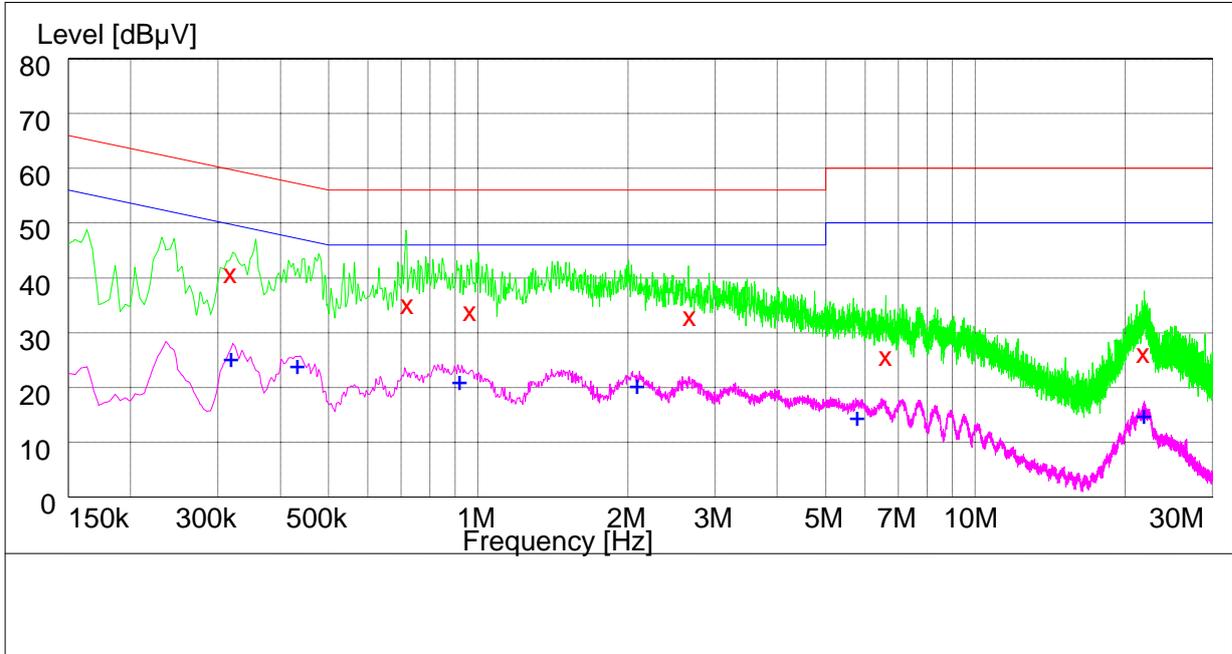
Appendix I

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
0.318000	40.20	10.0	60	19.8	N	FLO
0.722000	36.50	10.1	56	19.5	N	FLO
0.966000	35.20	10.1	56	20.8	N	FLO
2.674000	32.50	10.2	56	23.5	N	FLO
6.616000	26.30	10.2	60	33.7	N	FLO
21.872000	27.50	10.4	60	32.5	L1	FLO

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Line	PE
0.318000	26.70	10.0	50	23.3	N	FLO
0.432000	25.40	10.1	47	21.6	N	FLO
0.916000	22.50	10.1	46	23.5	N	FLO
2.088000	20.80	10.1	46	25.2	N	FLO
5.784000	15.90	10.2	50	34.1	N	FLO
21.894000	16.30	10.4	50	33.7	L1	FLO