



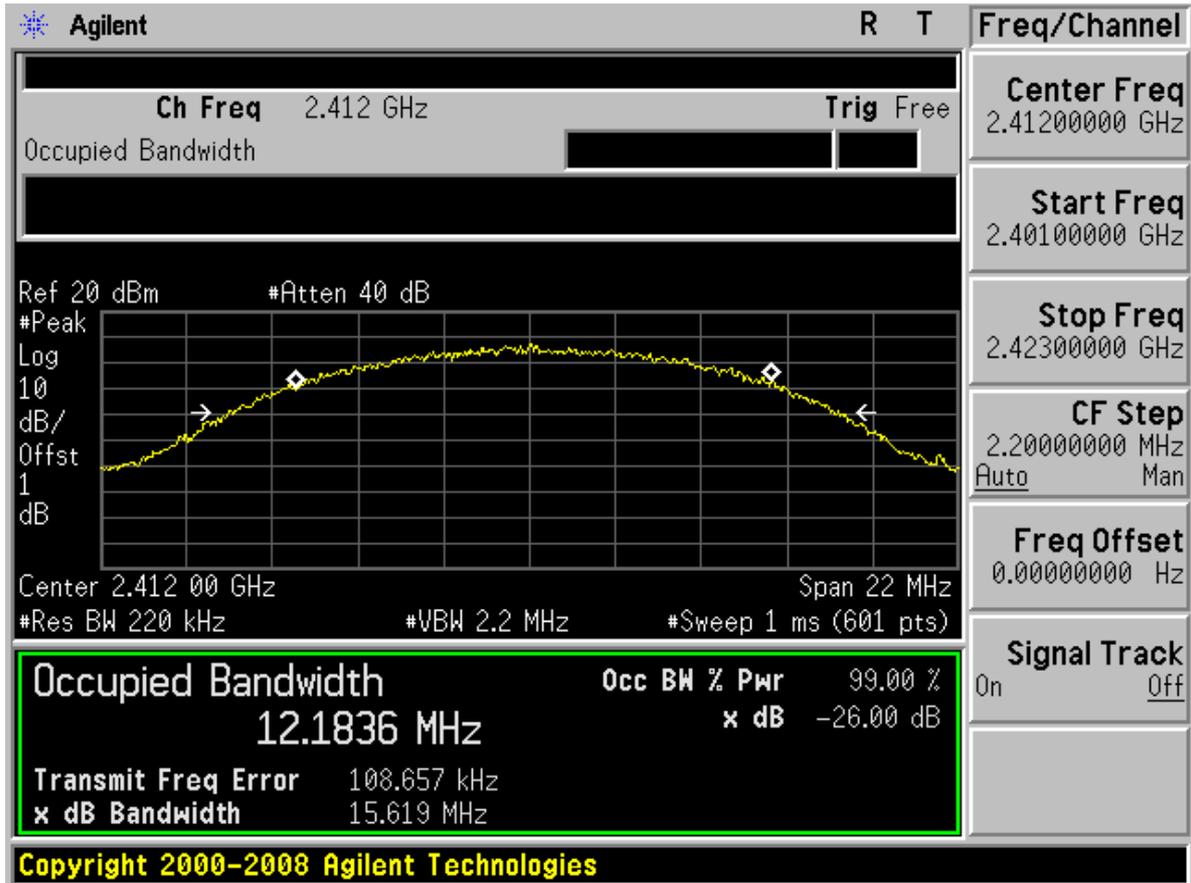
Appendix A

6dB bandwidth measurement

According to FCC Part 15.247 (a) (2)

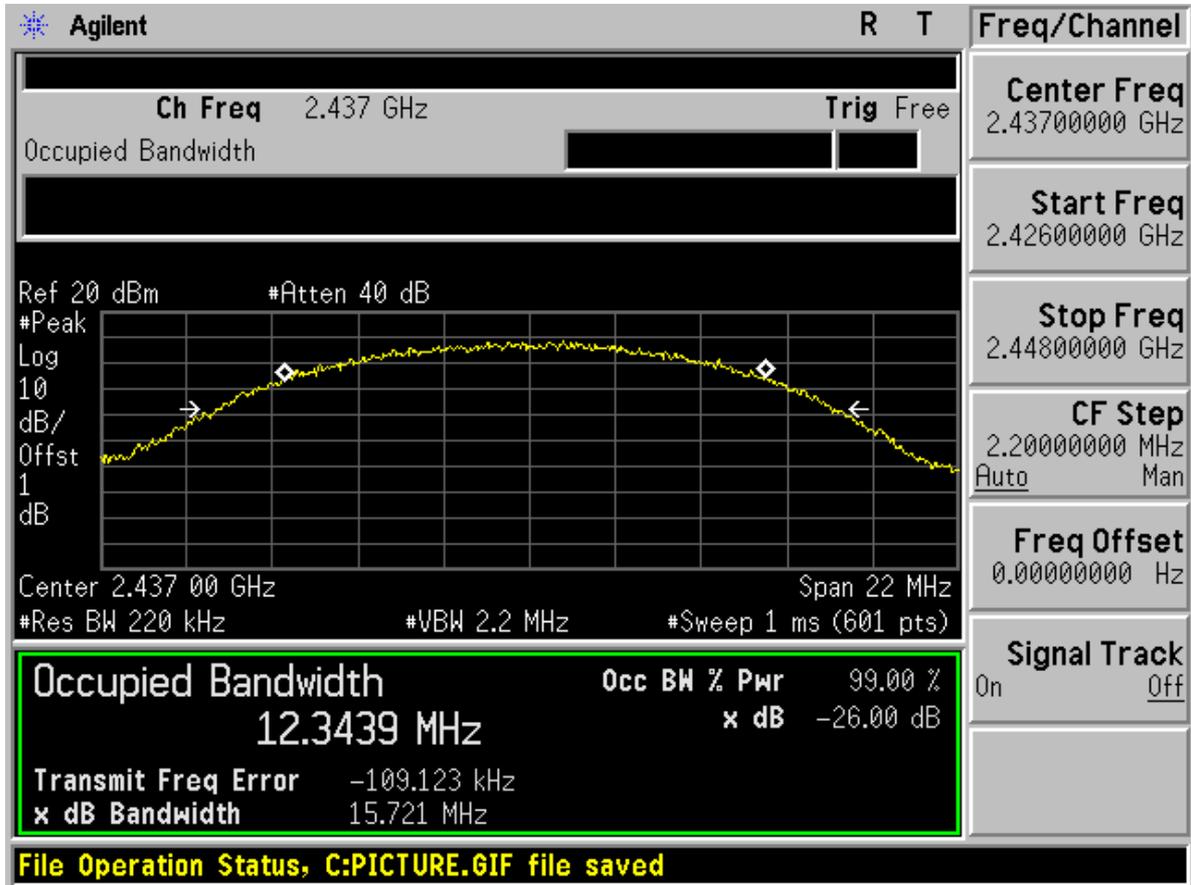


TM1 Channel 1 (2412MHz)



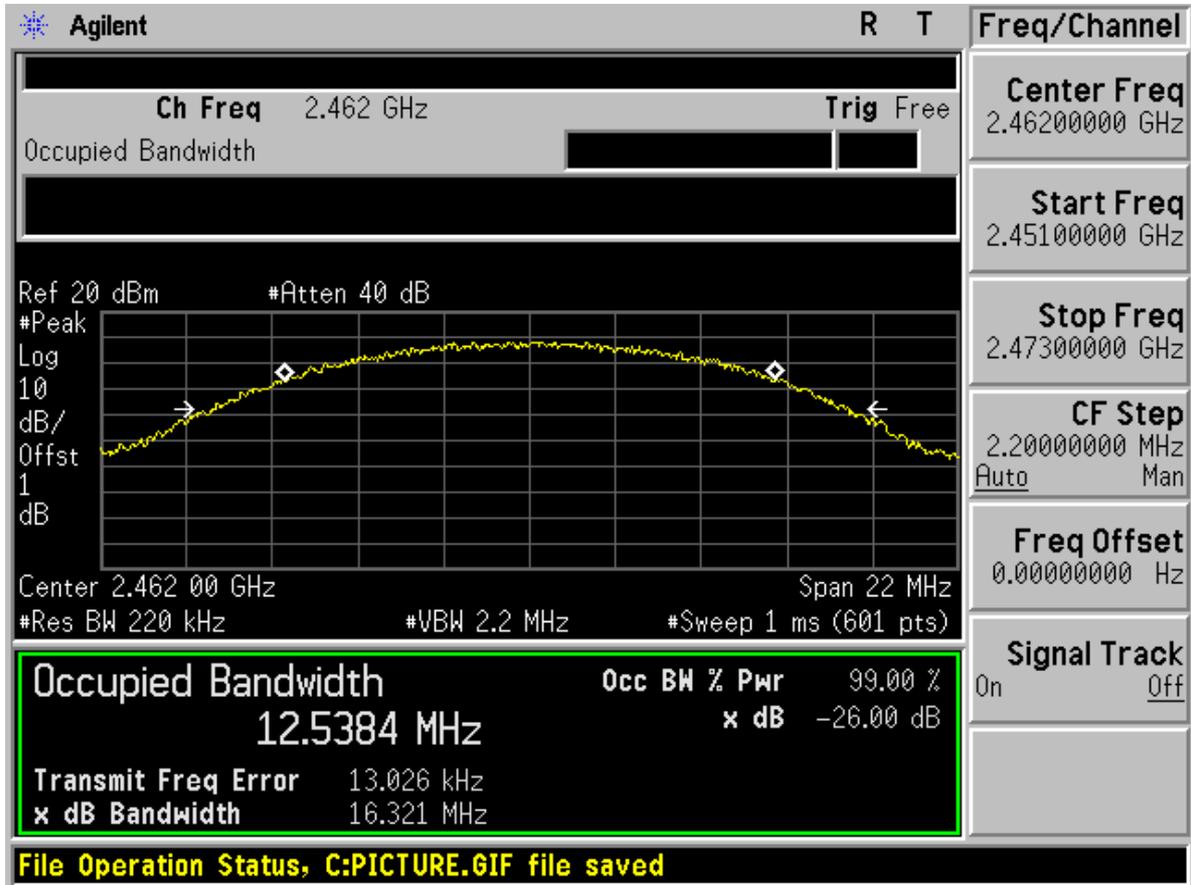


Channel 6 (2437MHz)



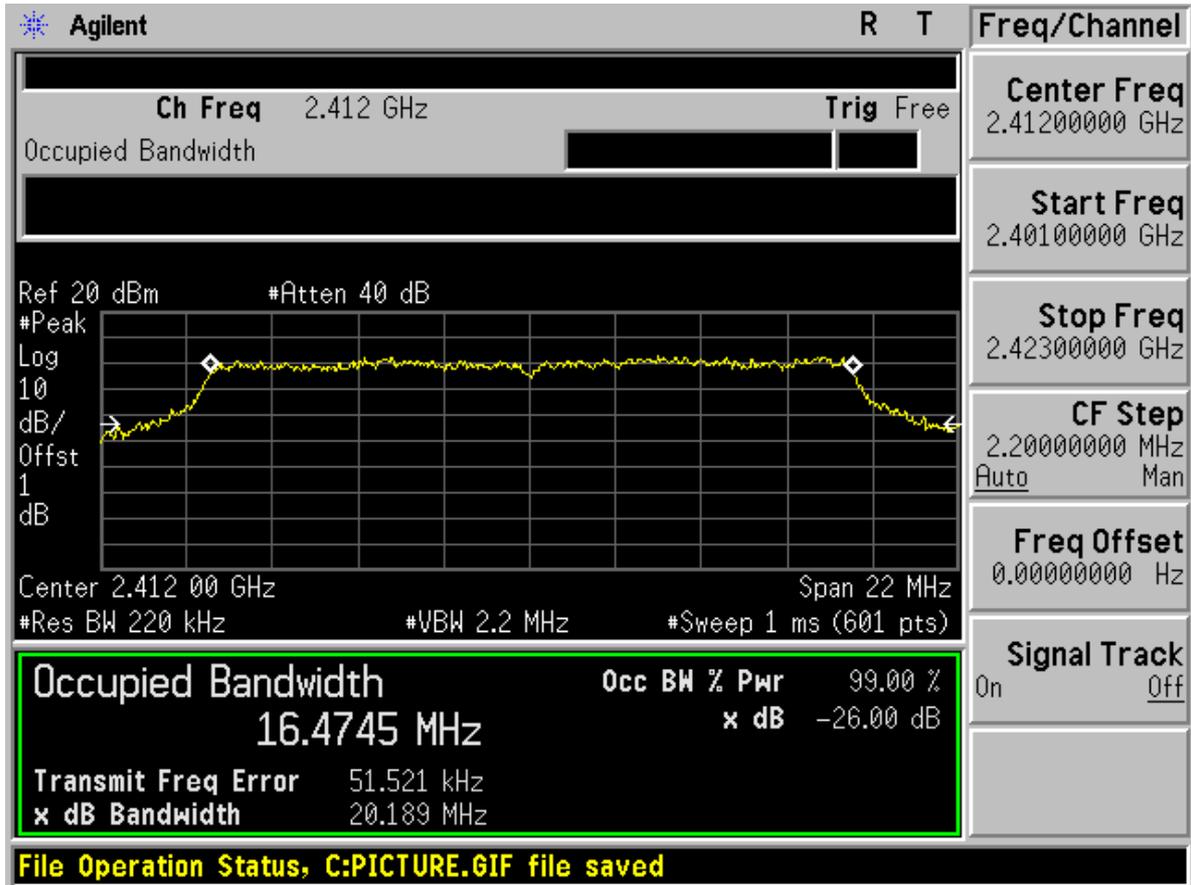


Channel 11 (2462MHz)



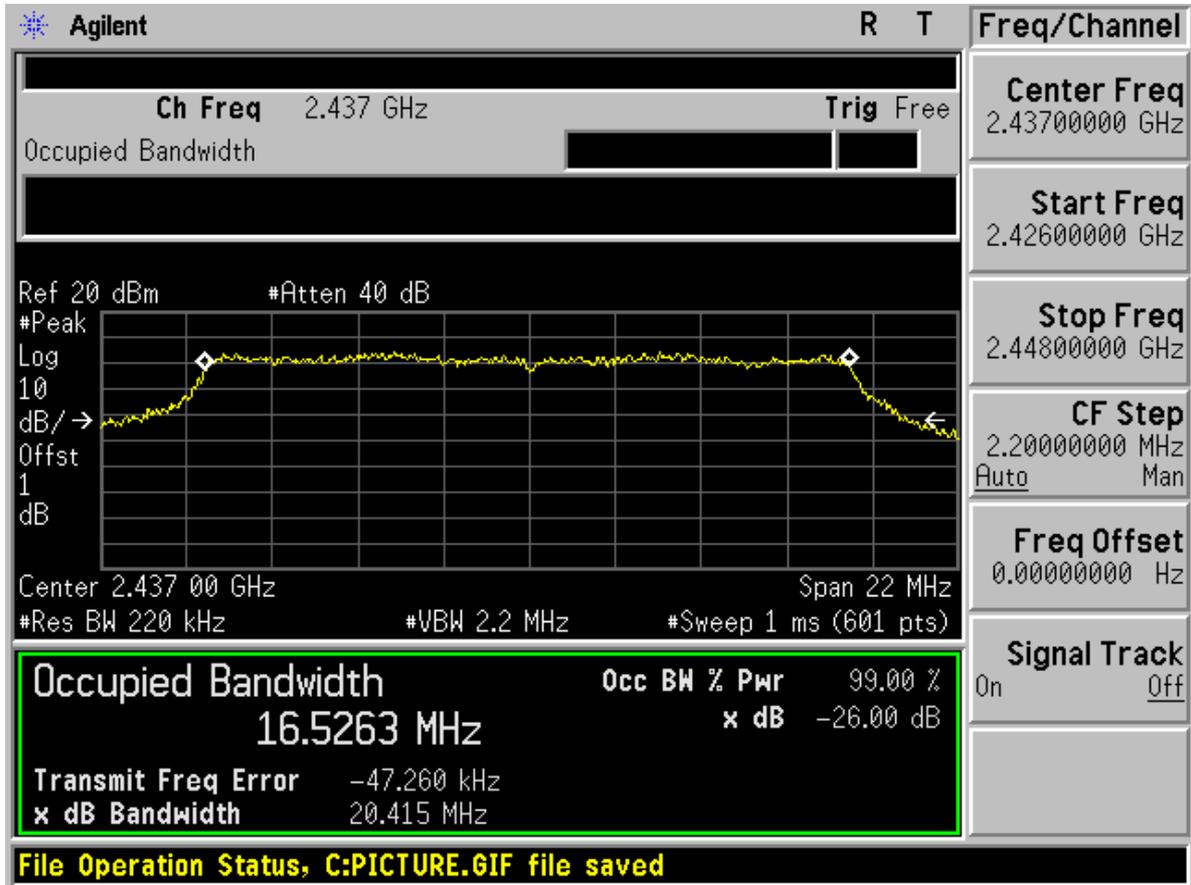


TM2 Channel 1 (2412MHz)



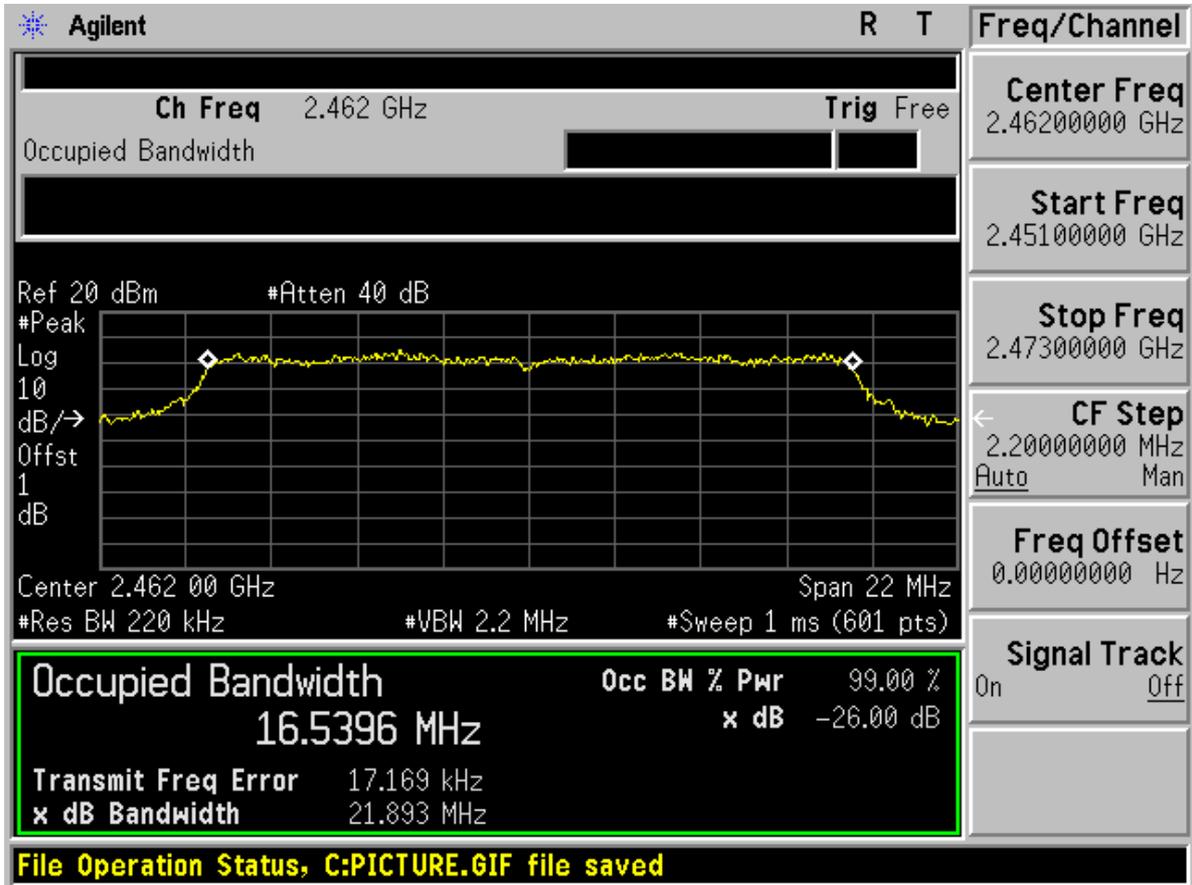


Channel 6 (2437MHz)



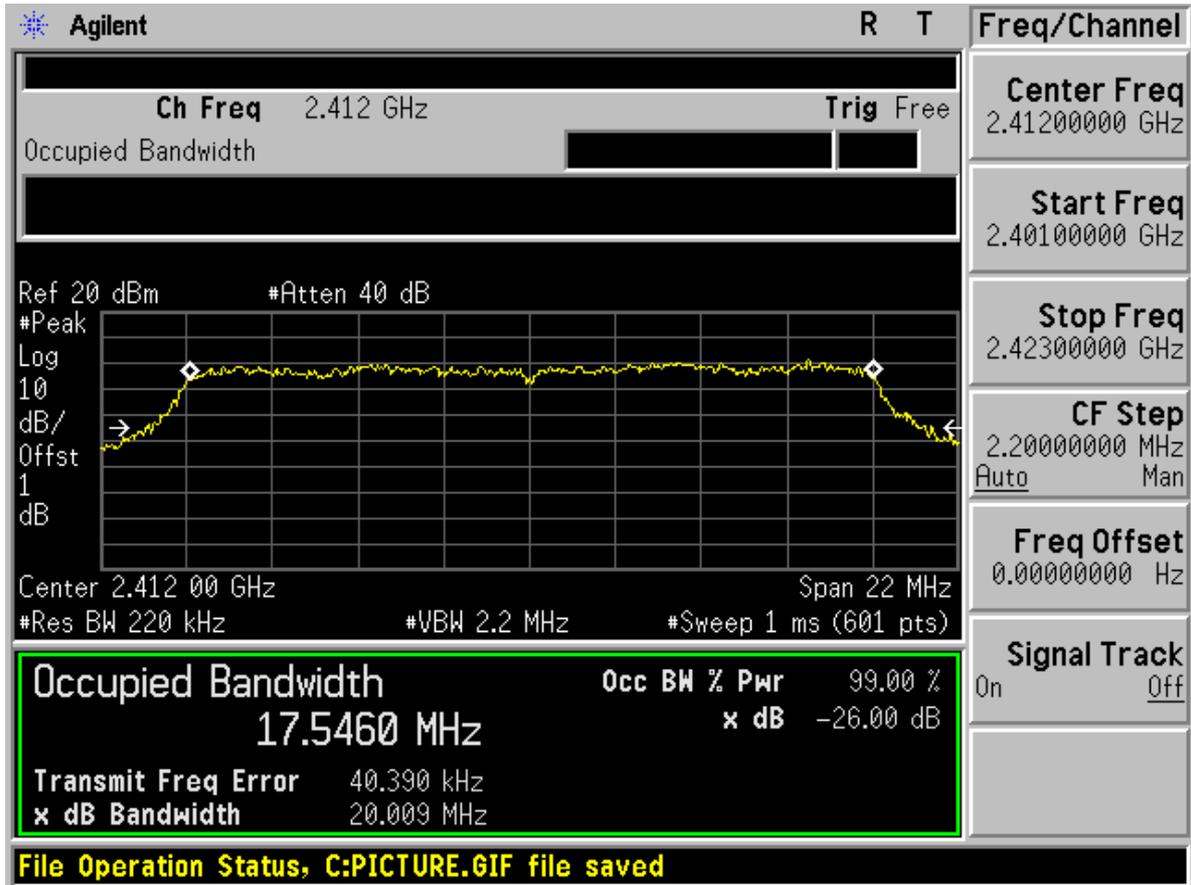


Channel 11 (2462MHz)



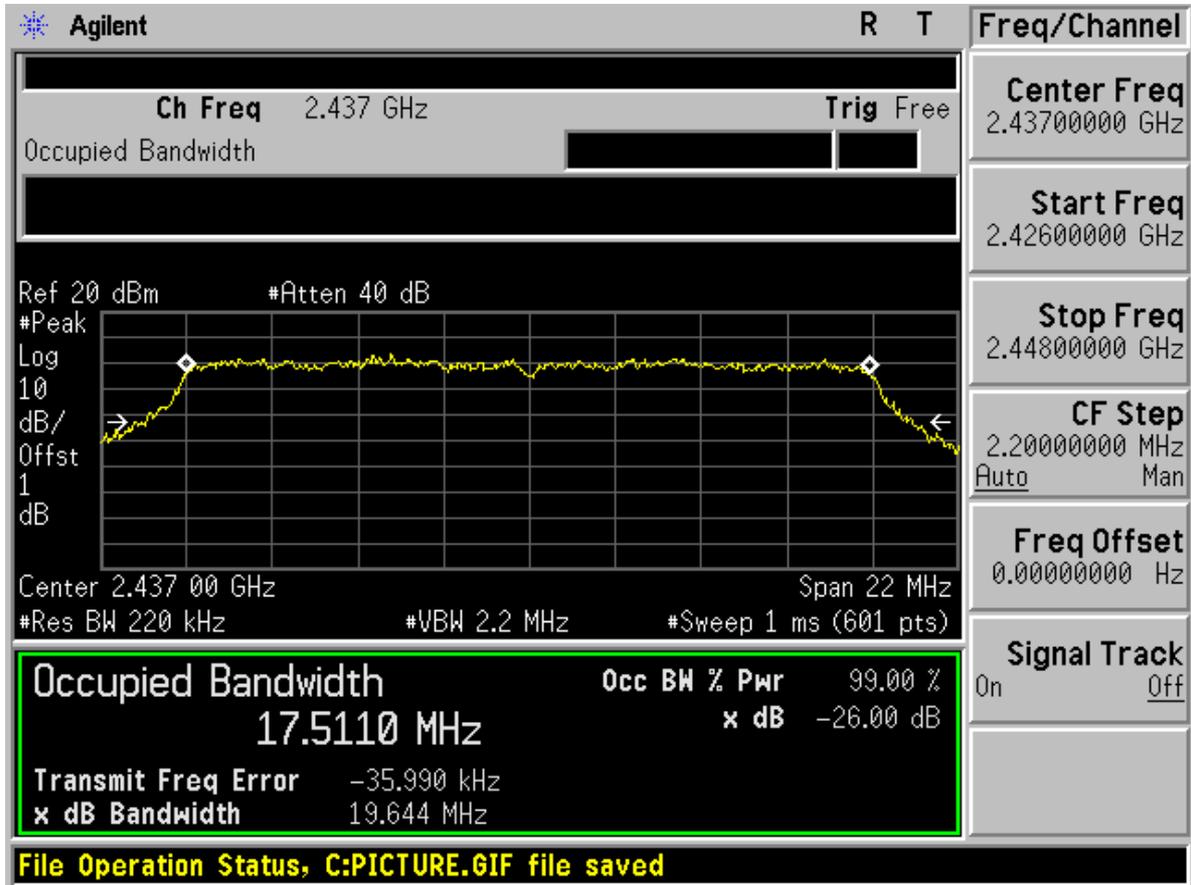


TM3 Channel 1 (2412MHz)



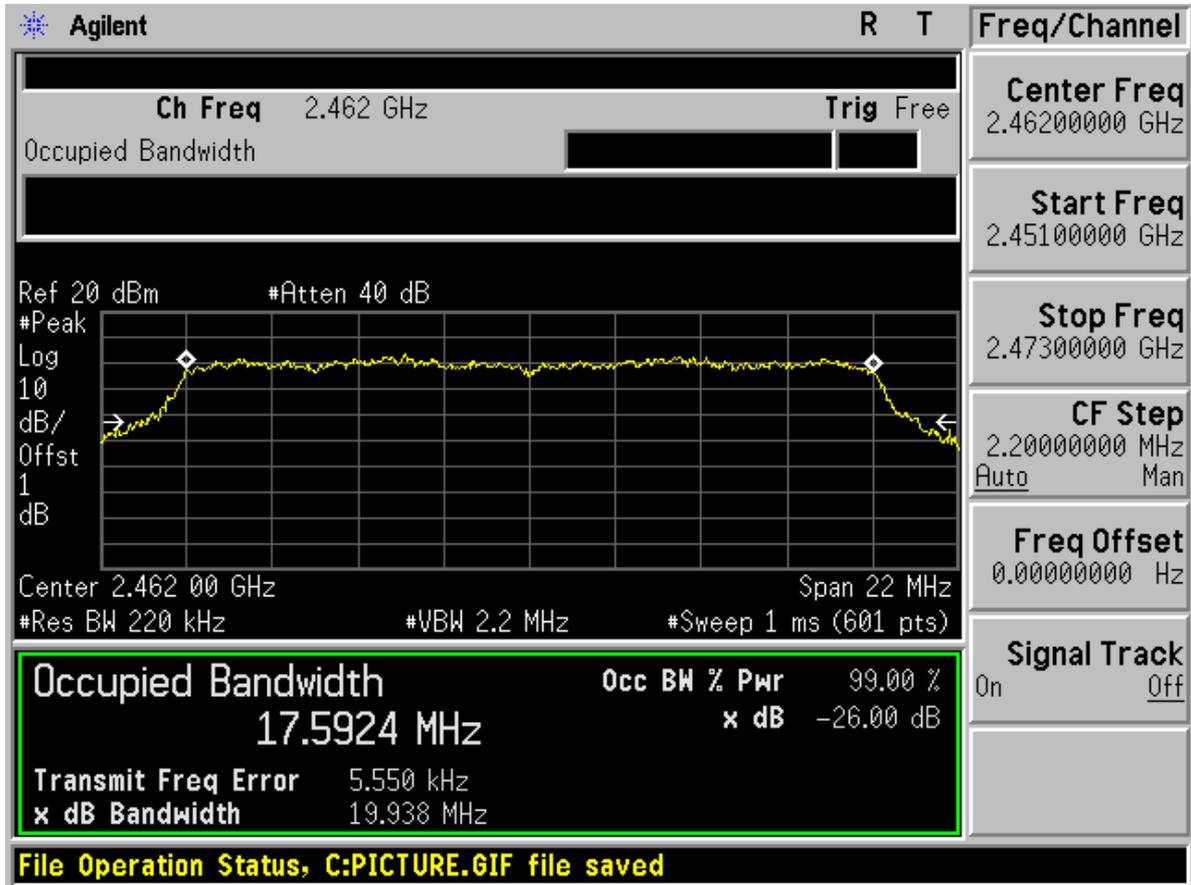


Channel 6 (2437MHz)





Channel 11 (2462MHz)





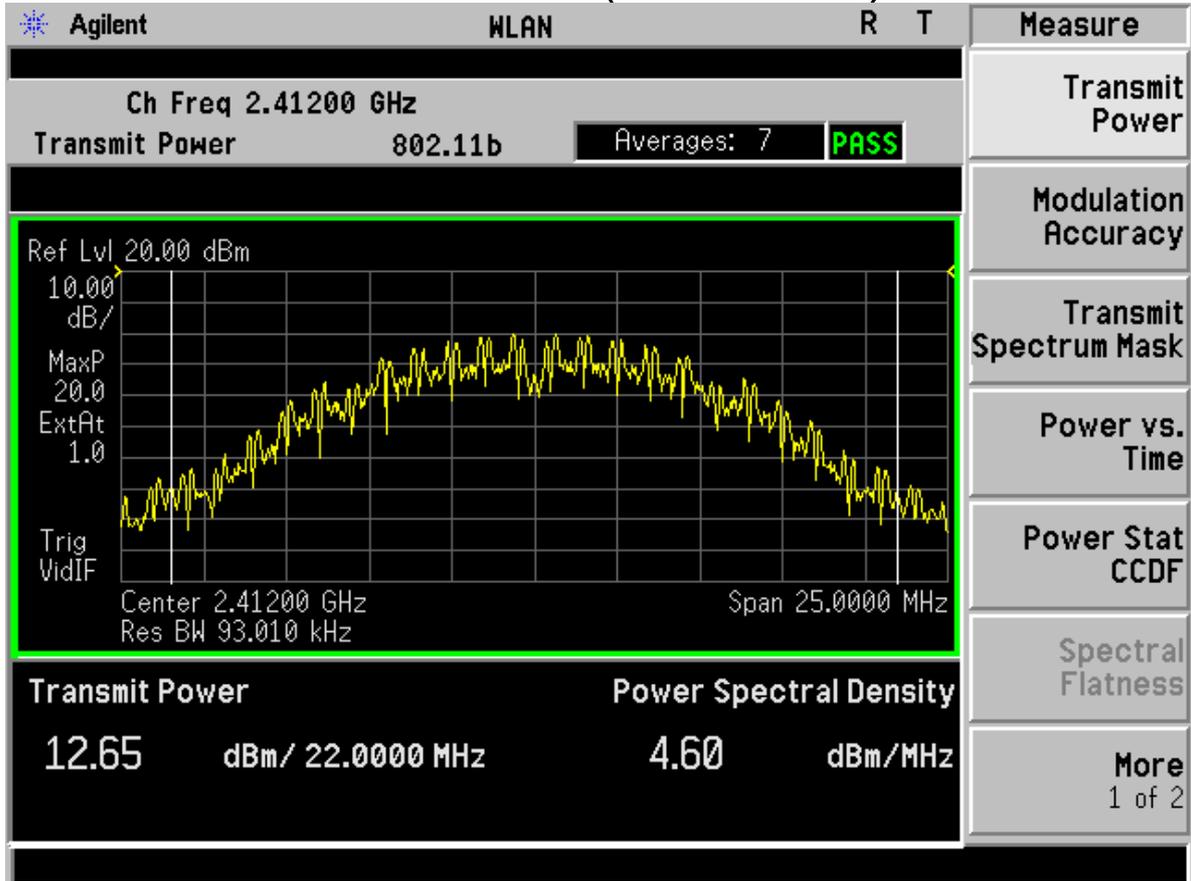
Appendix B

Conducted Peak output power

According to FCC Part 15.247 (b) (3)

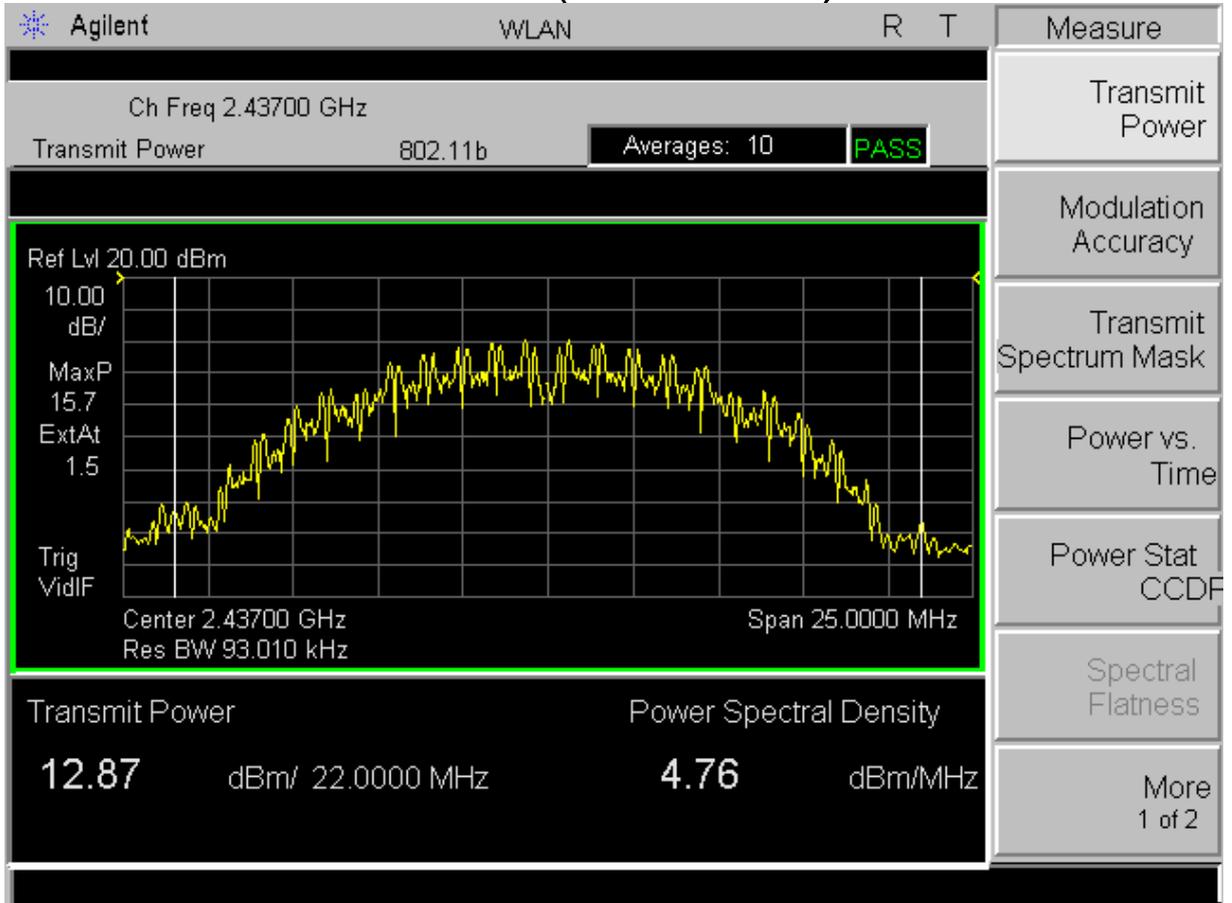


TM1 Channel 1 (2412MHz)



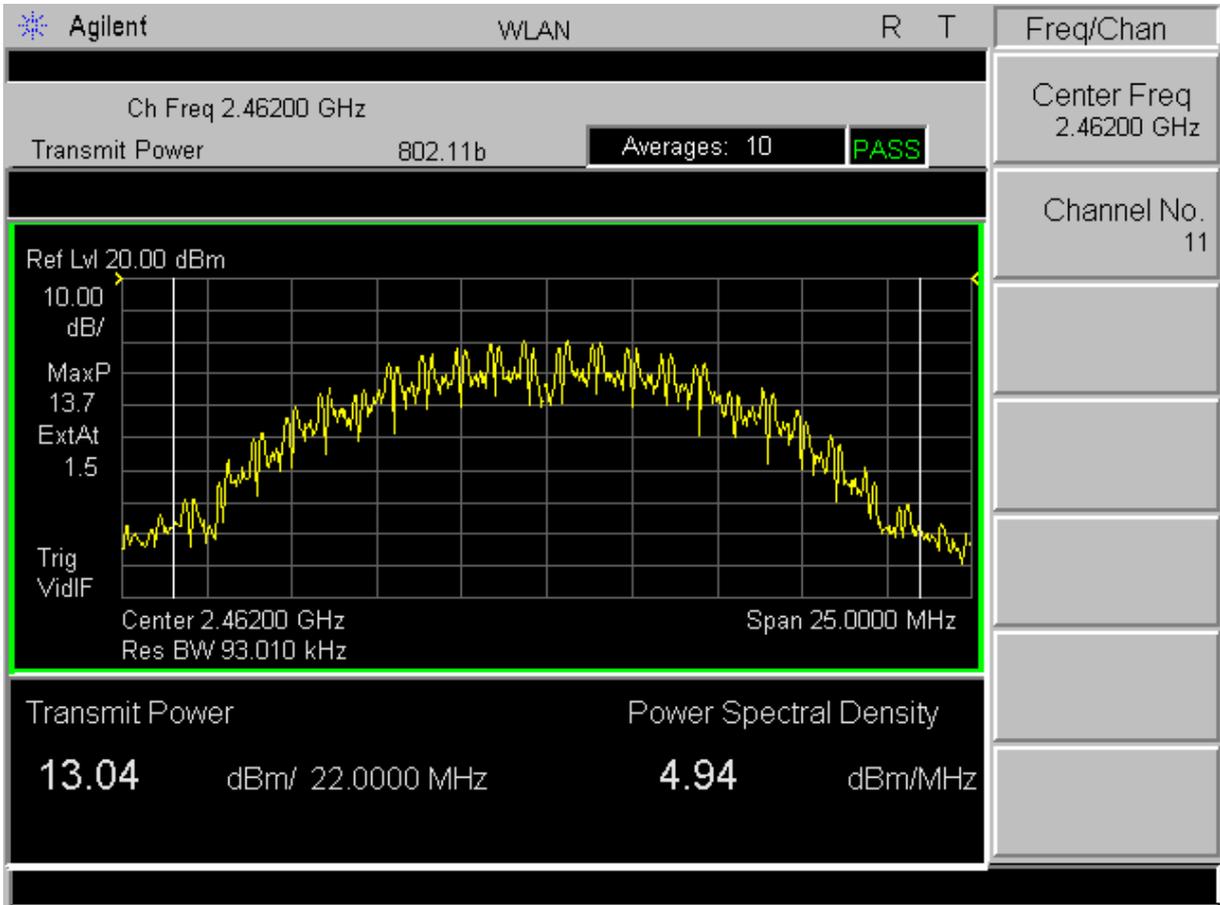


Channel 6 (2437MHz)



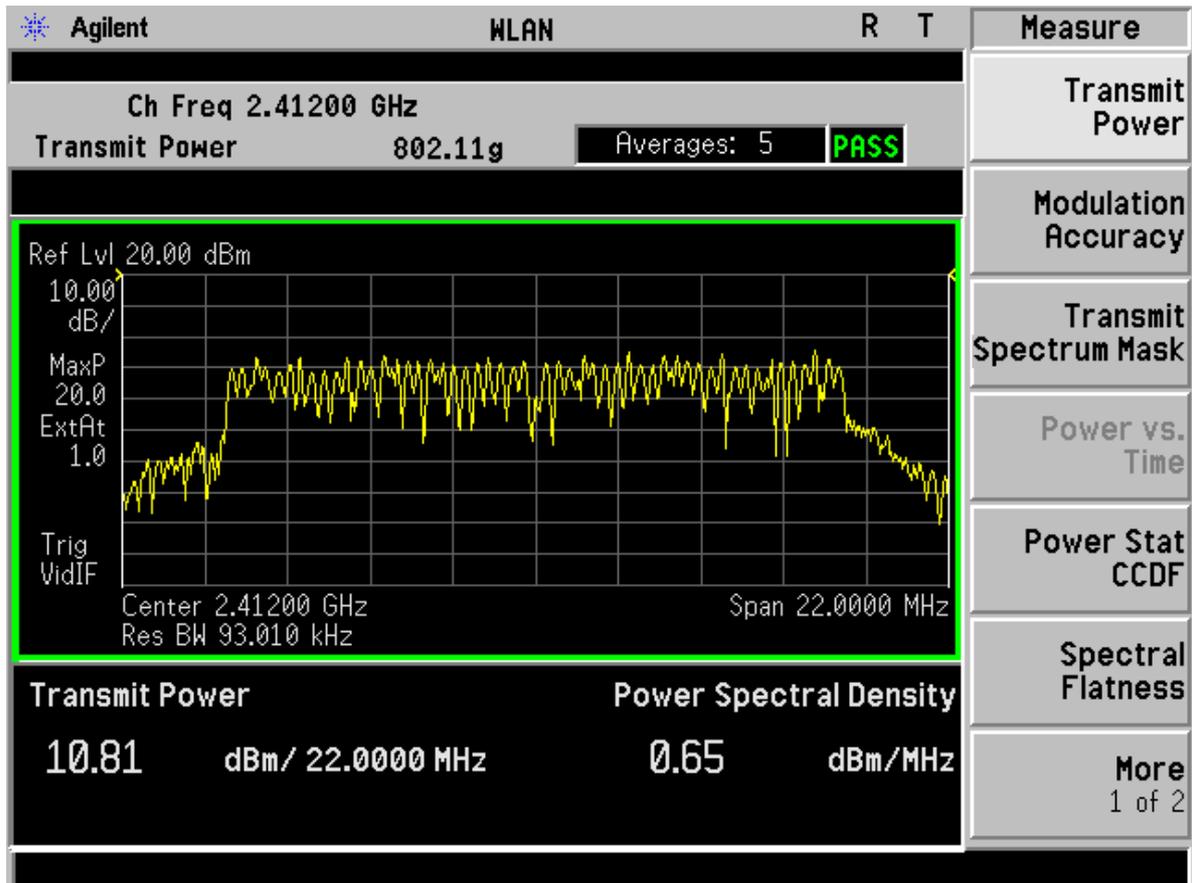


Channel 11 (2462MHz)



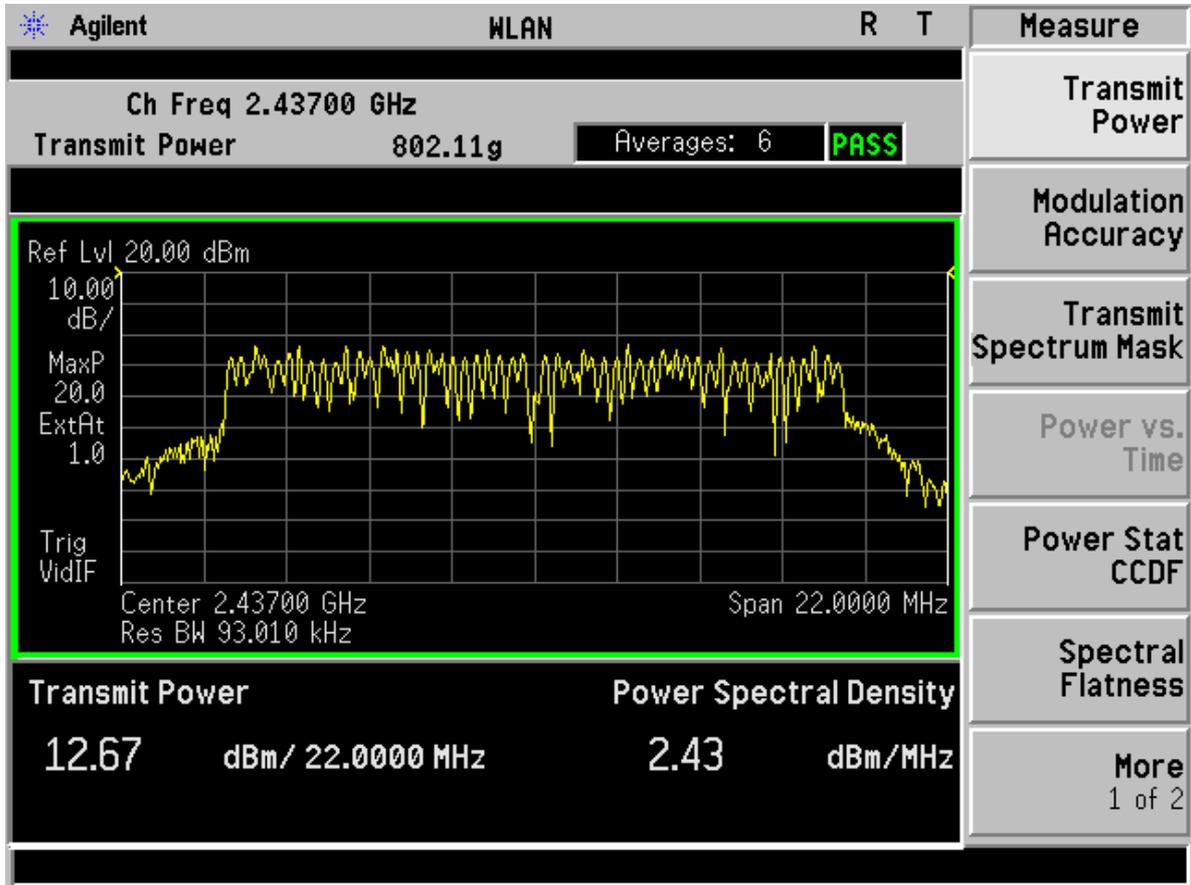


TM2 Channel 1 (2412MHz)



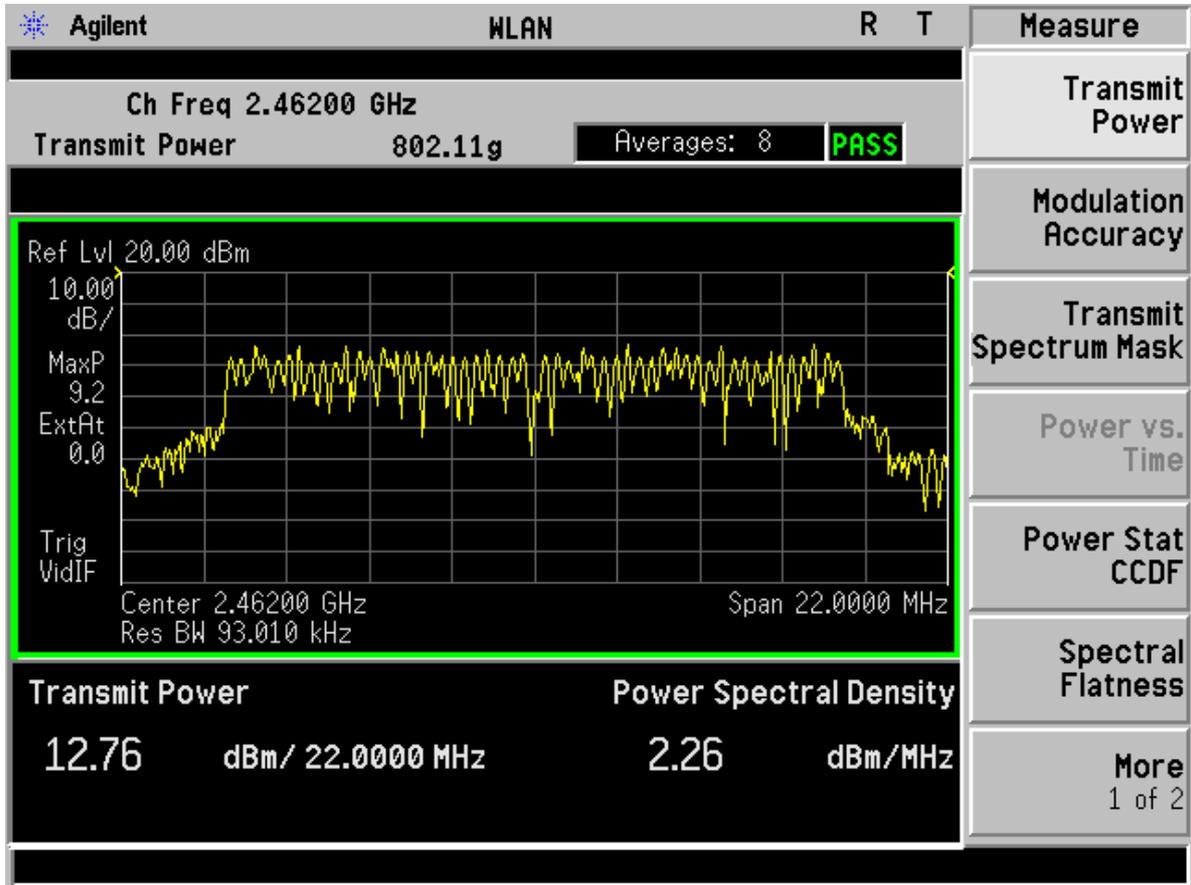


Channel 6 (2437MHz)



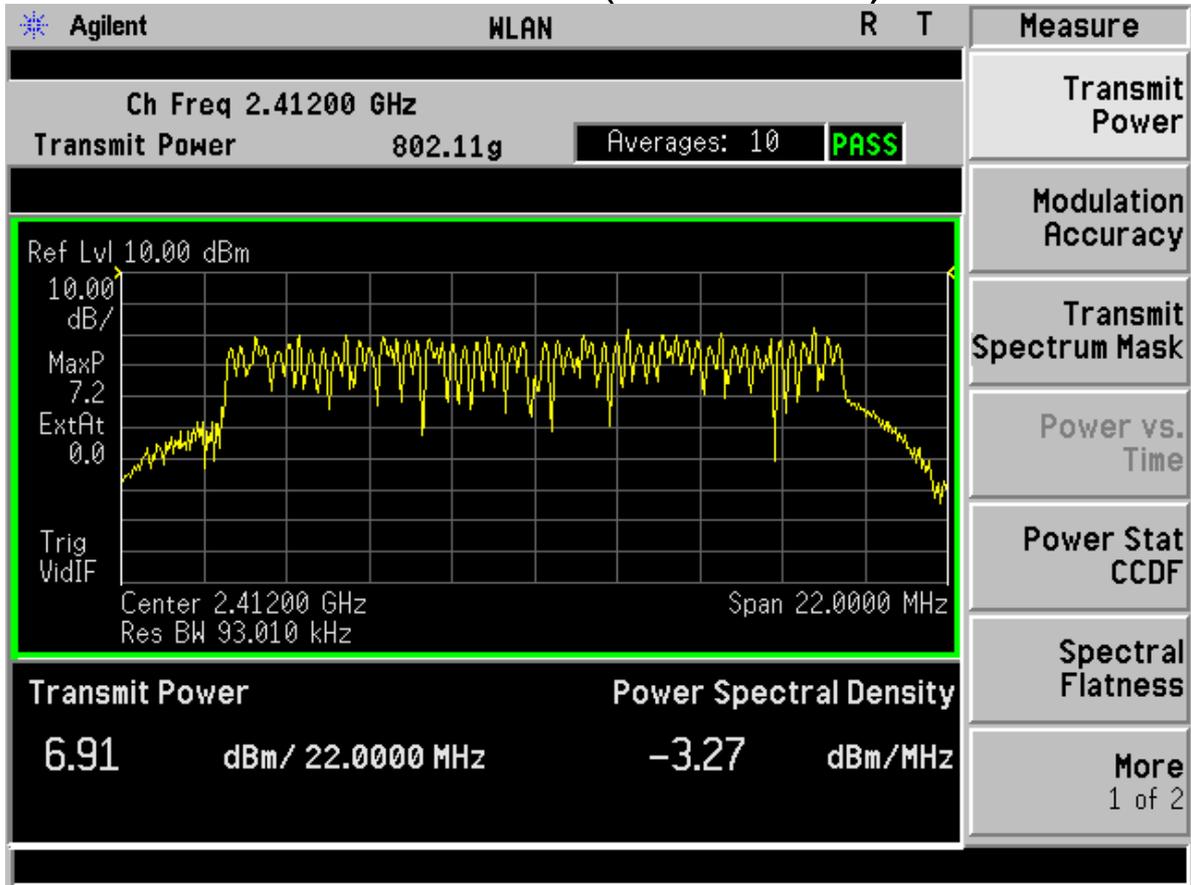


Channel 11 (2462MHz)



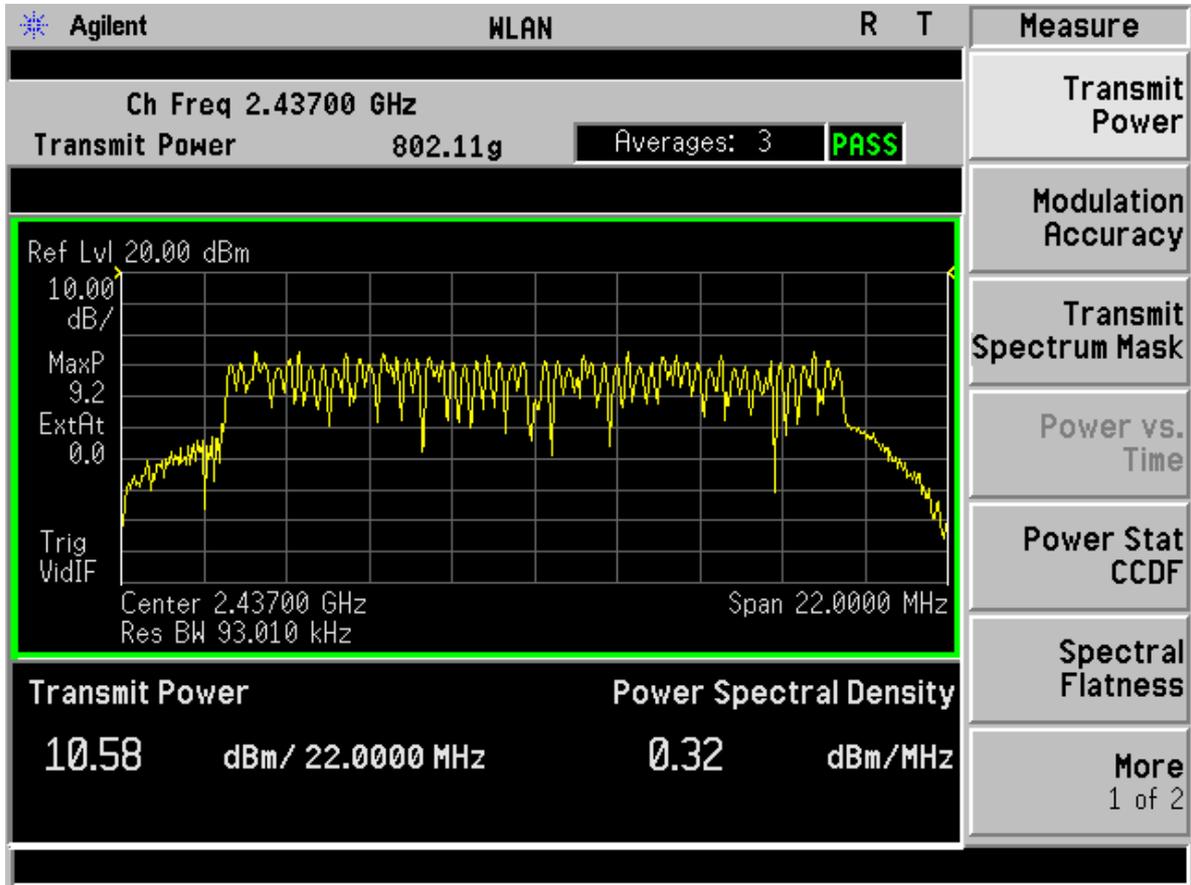


TM3 Channel 1 (2412MHz)



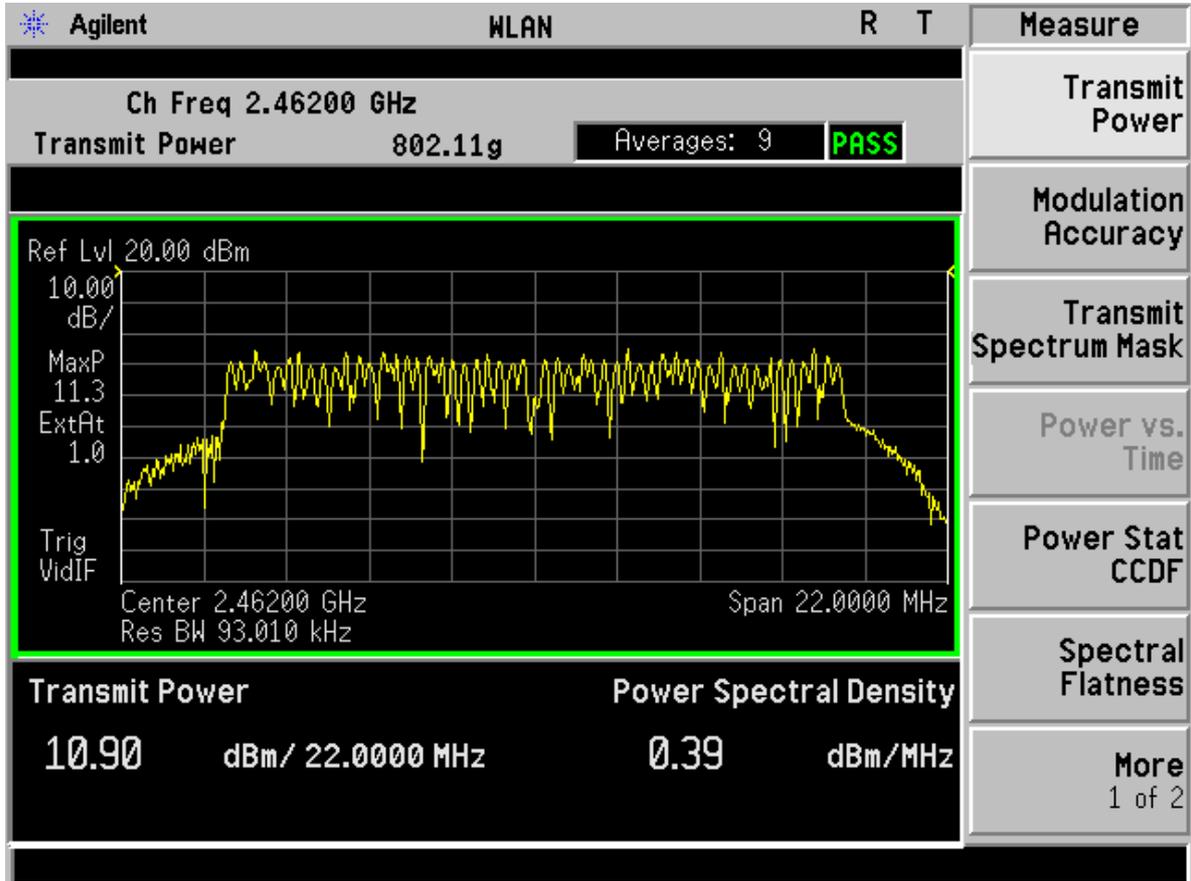


Channel 6 (2437MHz)





Channel 11 (2462MHz)





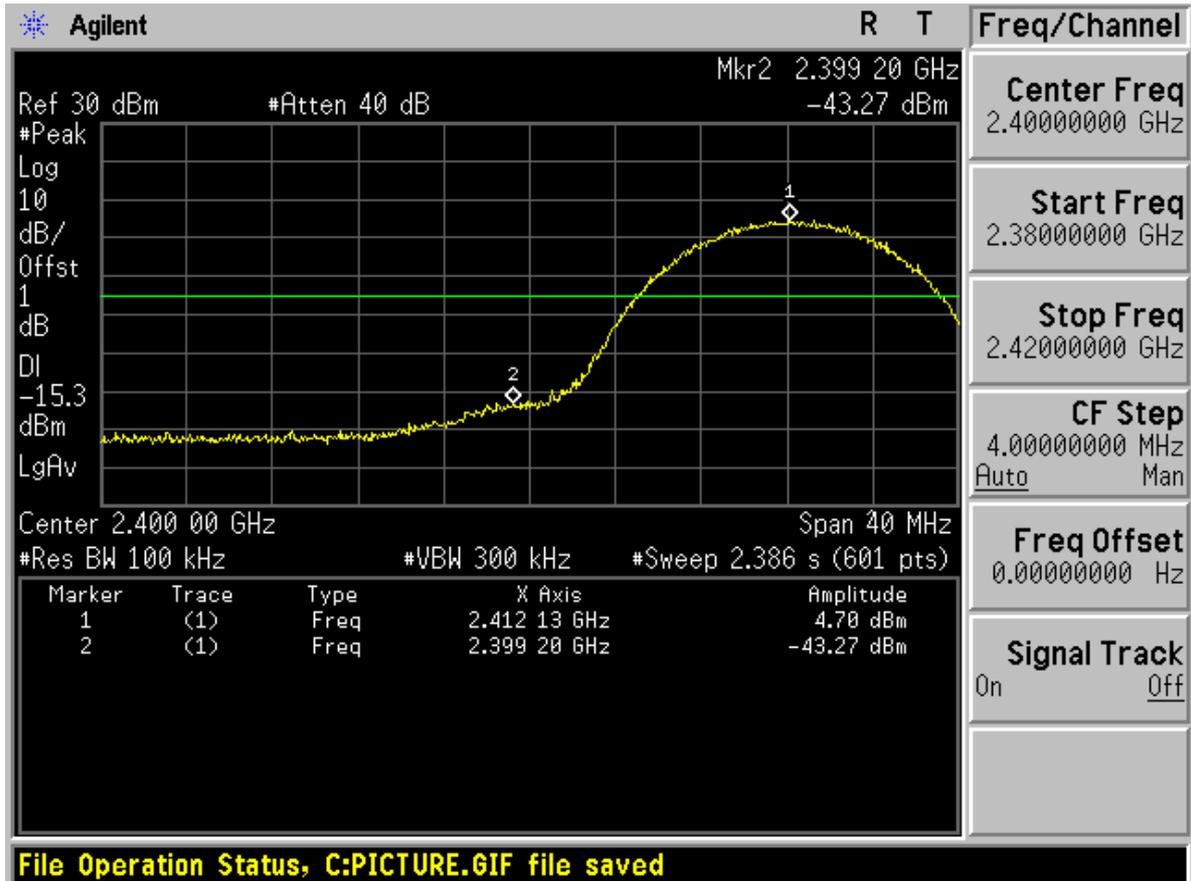
Appendix C

Band edge spurious emission

According to FCC Part 15.247 (d)

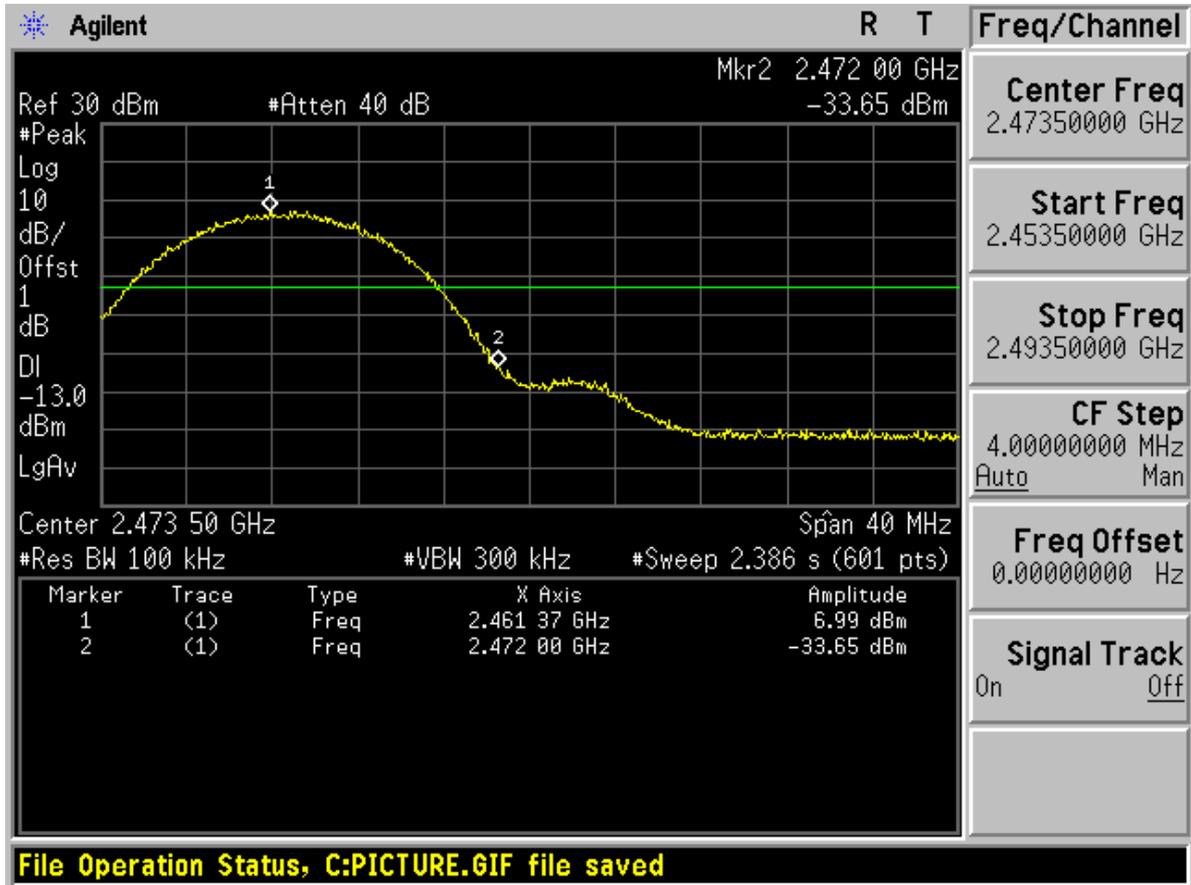


TM1 Low edge



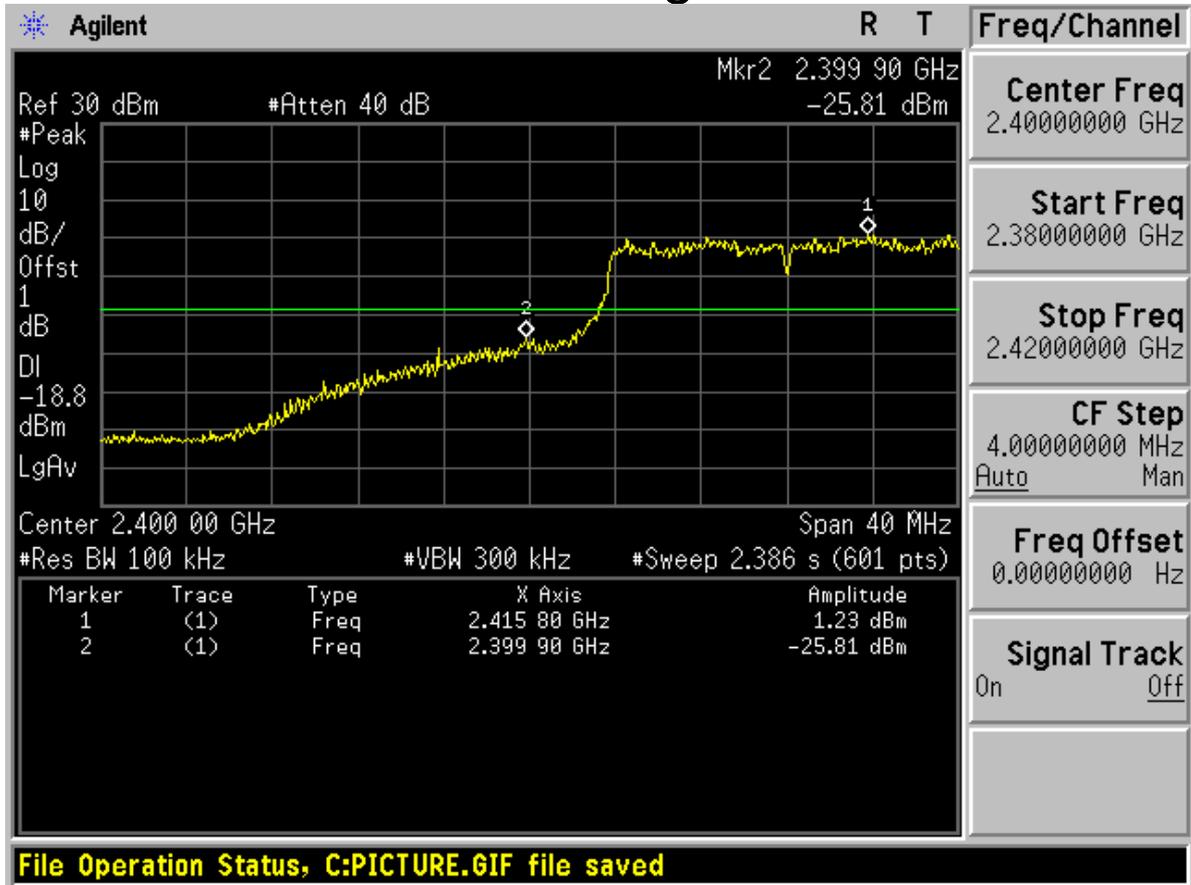


High edge





TM2 Low edge





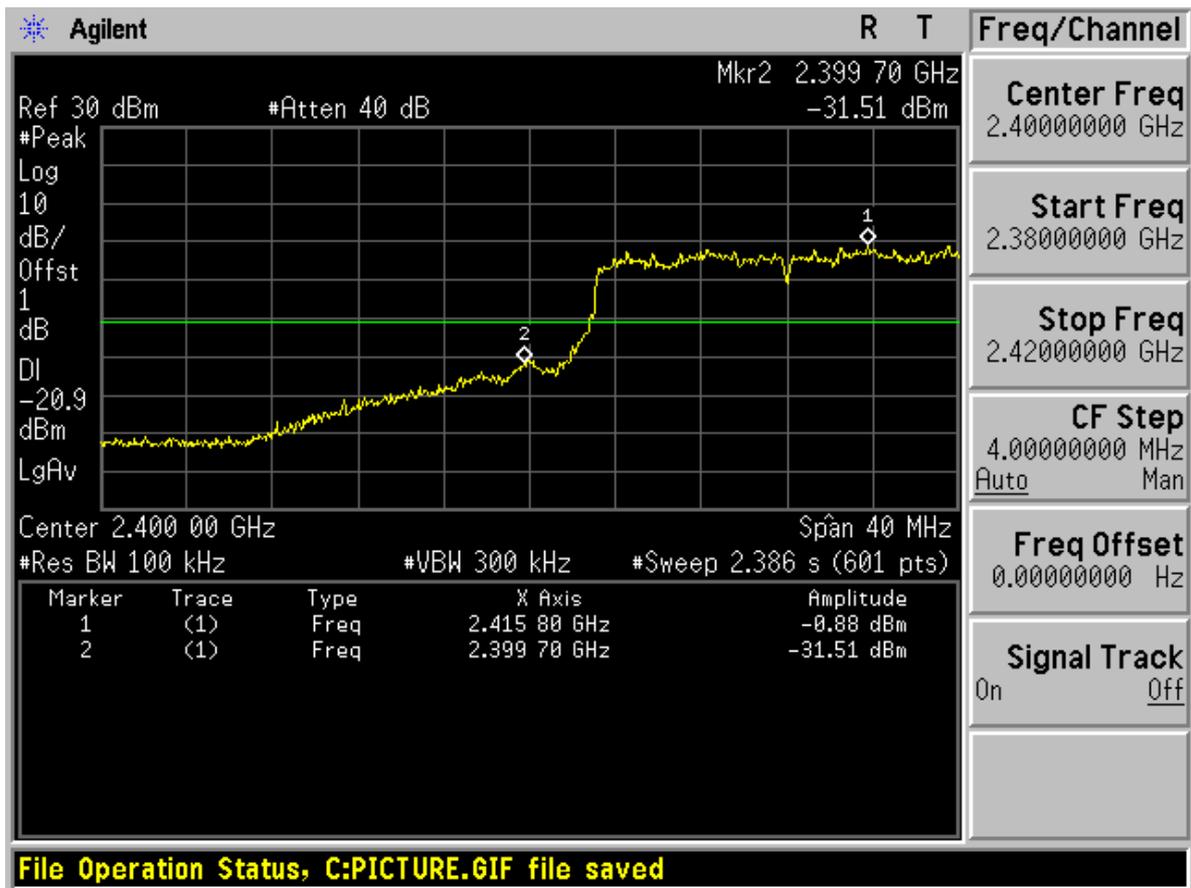
High edge





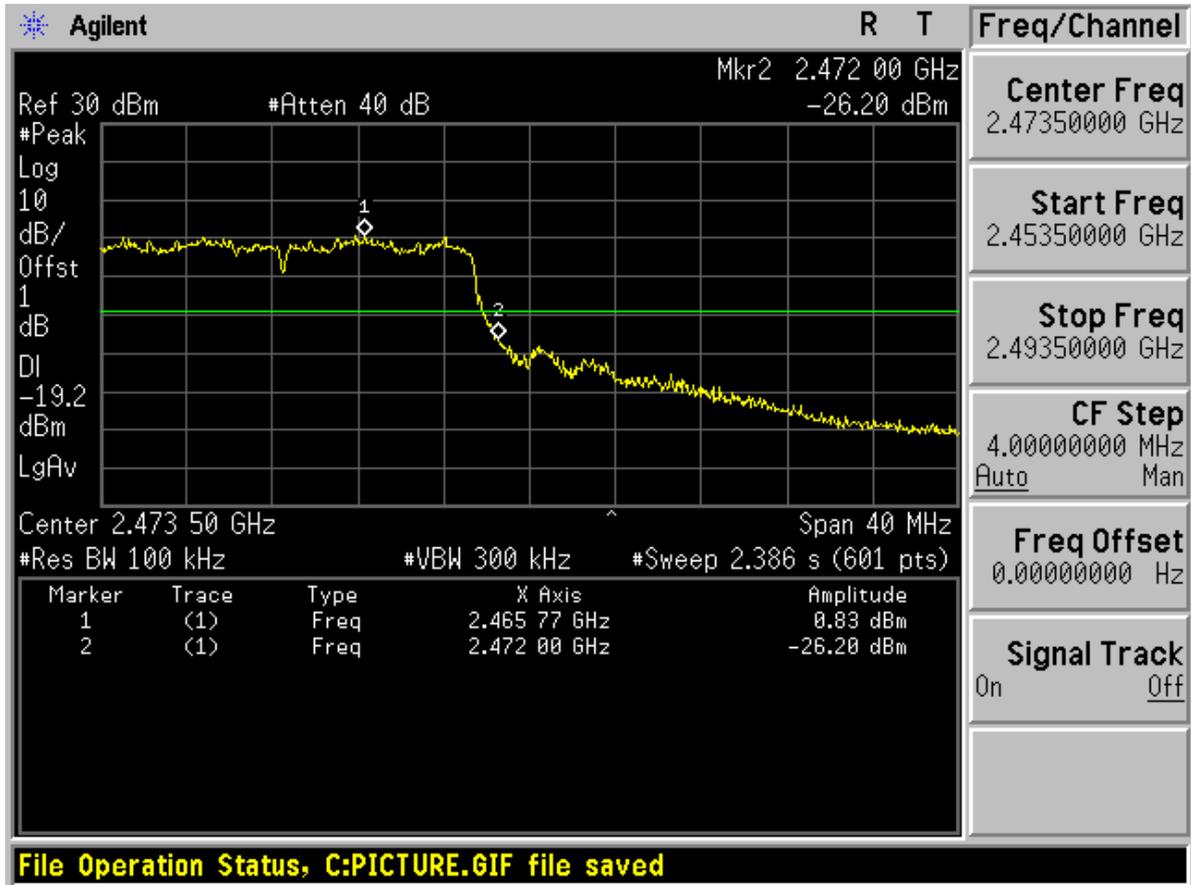
TM3

Low edge





High edge





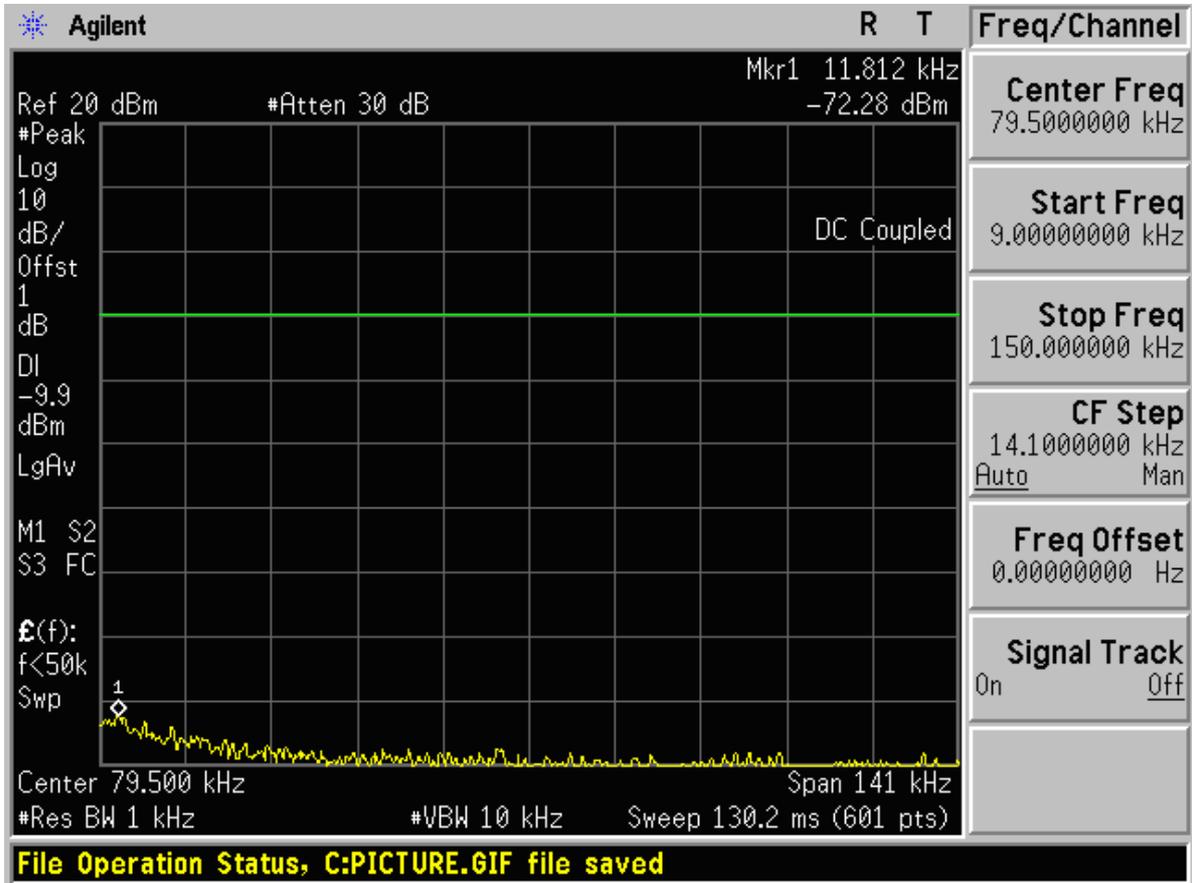
Appendix D

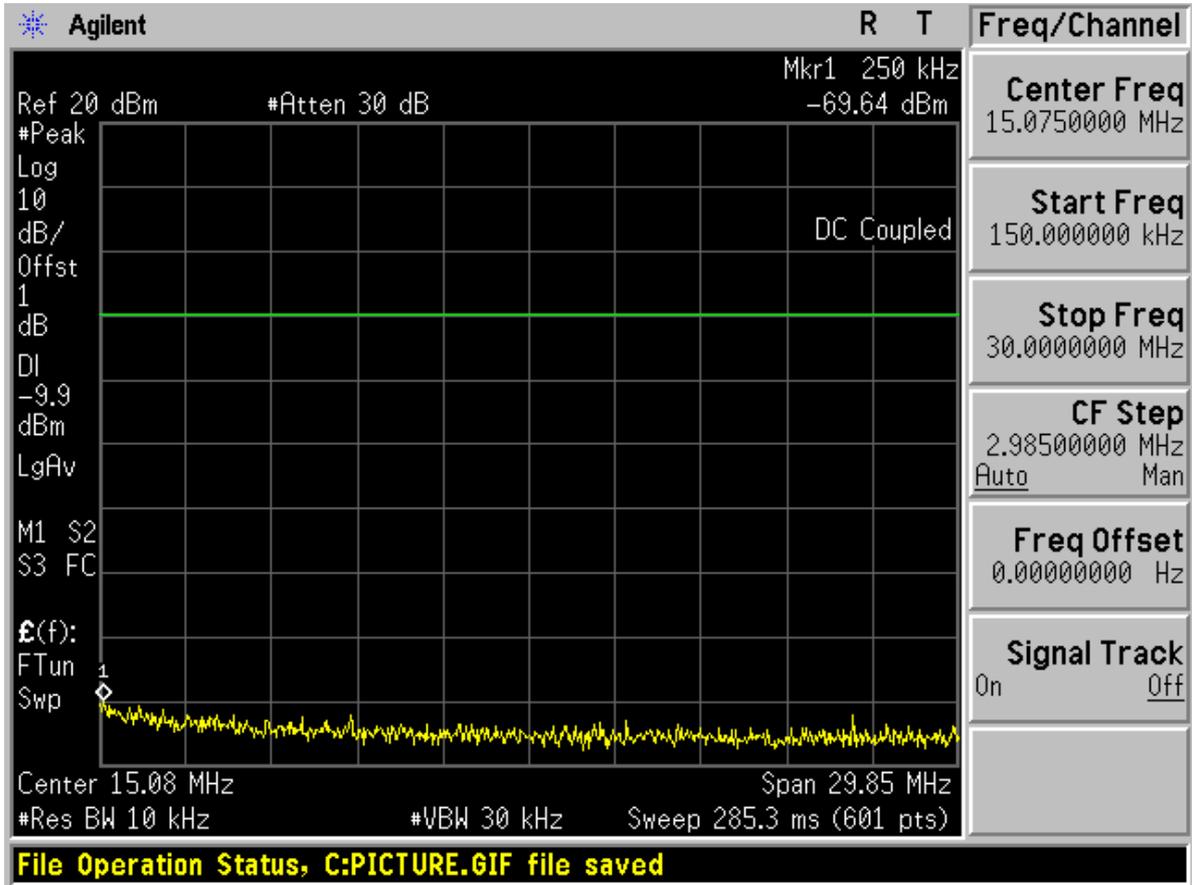
Conducted RF spurious

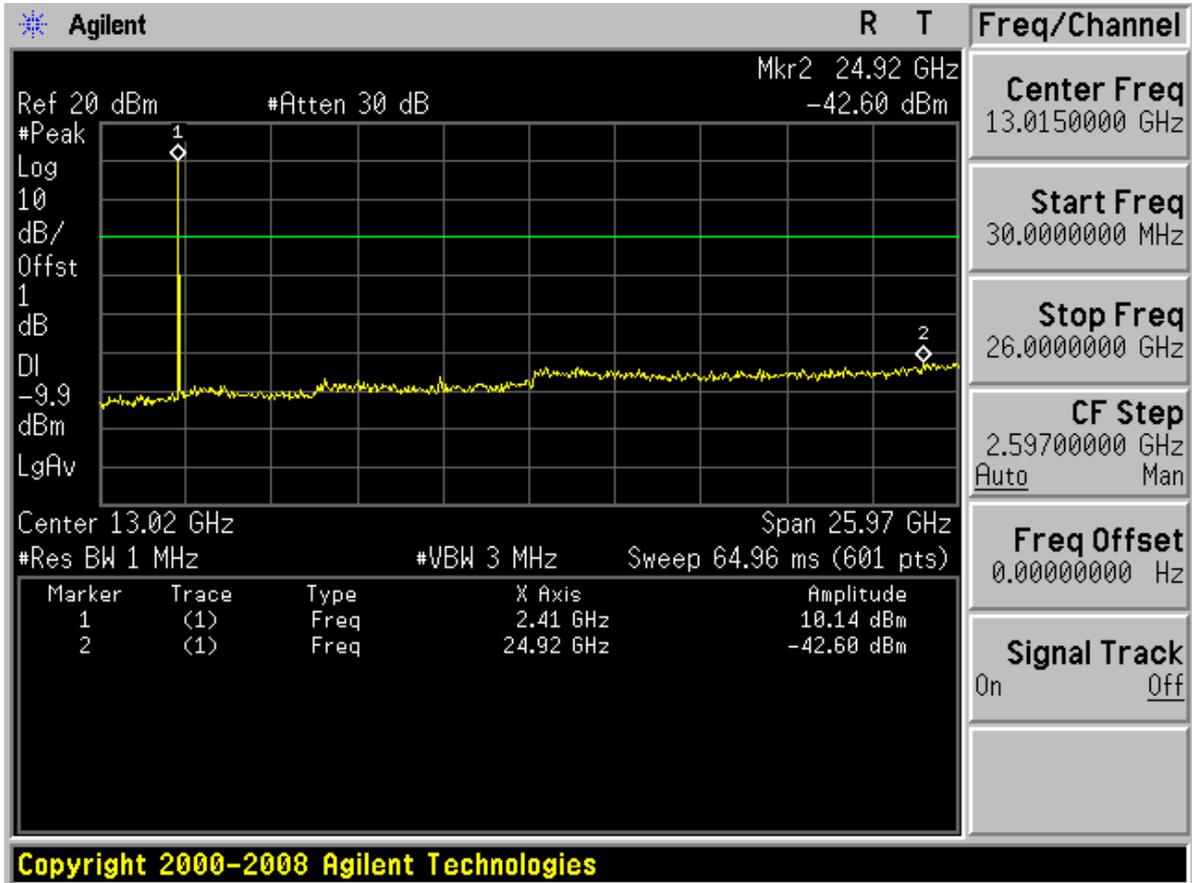
According to FCC Part 15.247 (d)



TM1 Channel 1

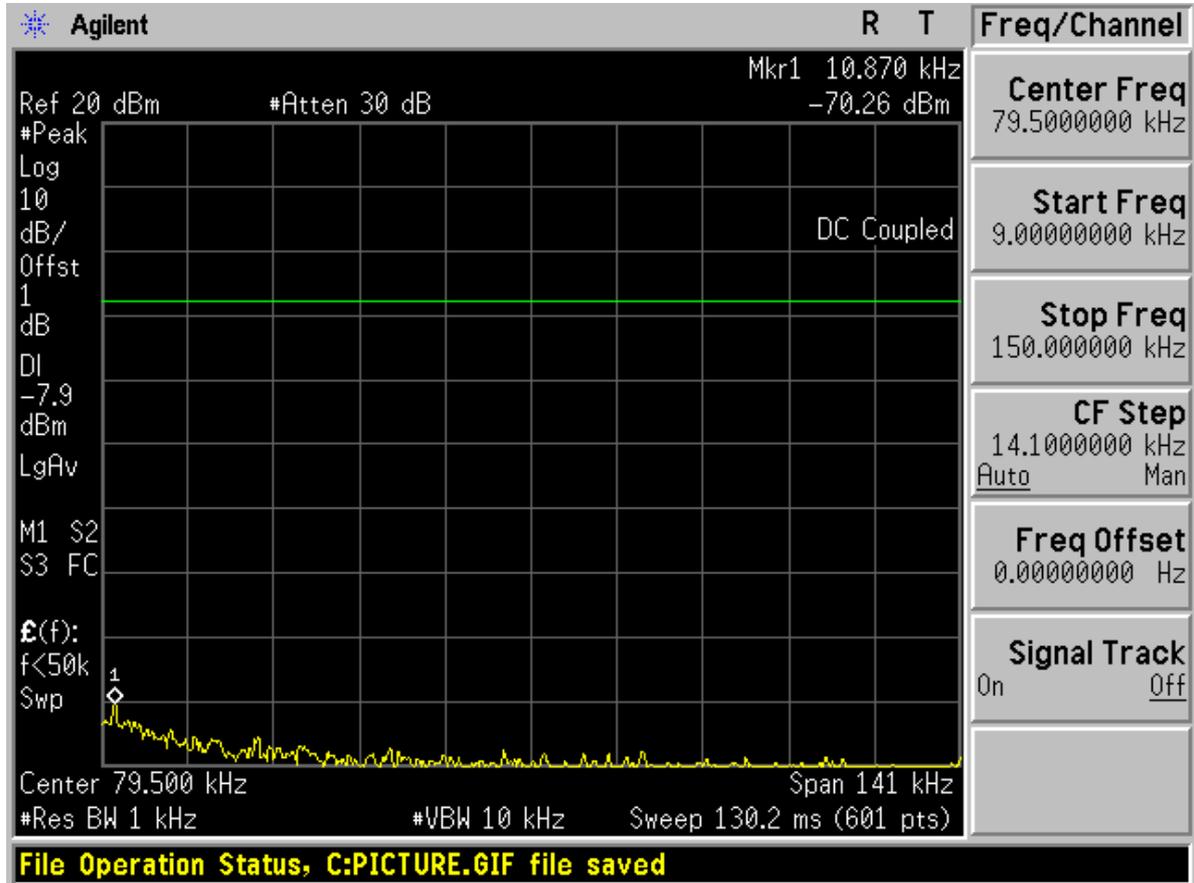


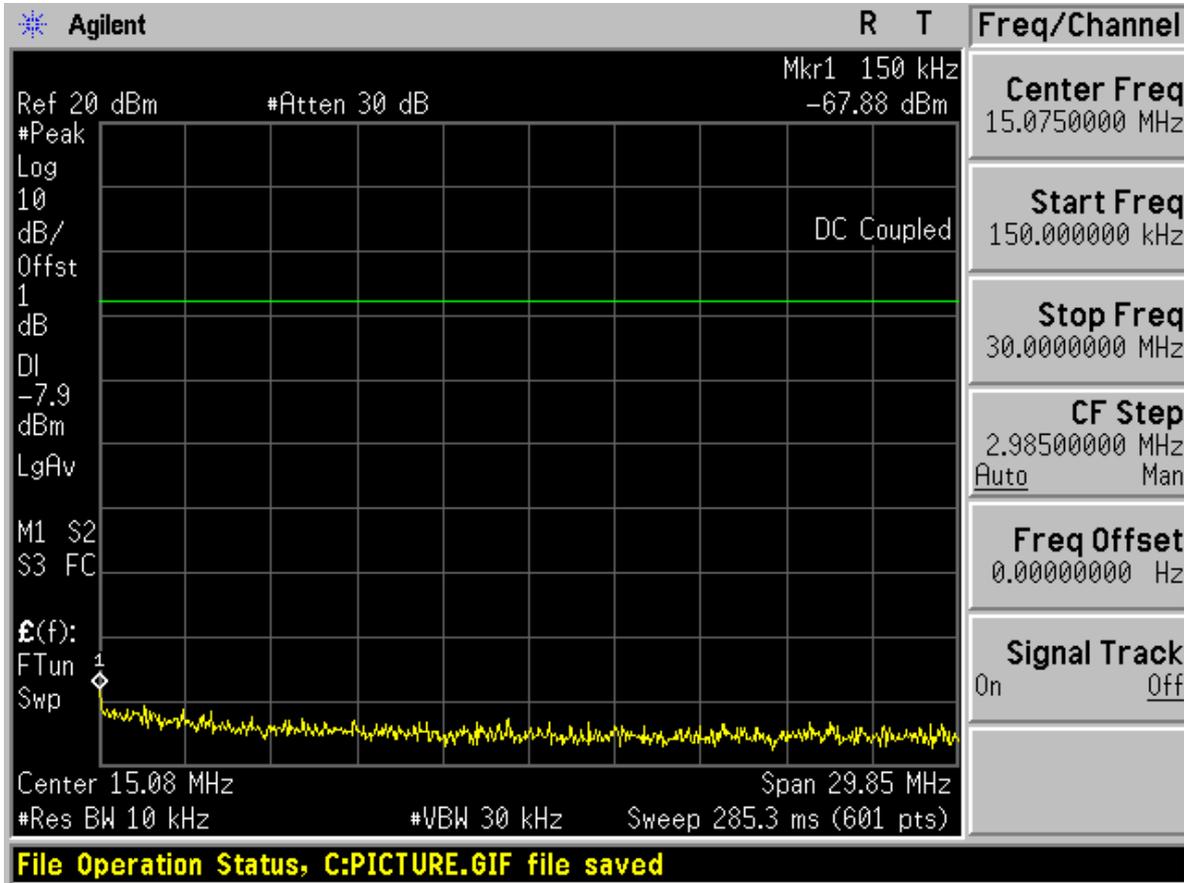


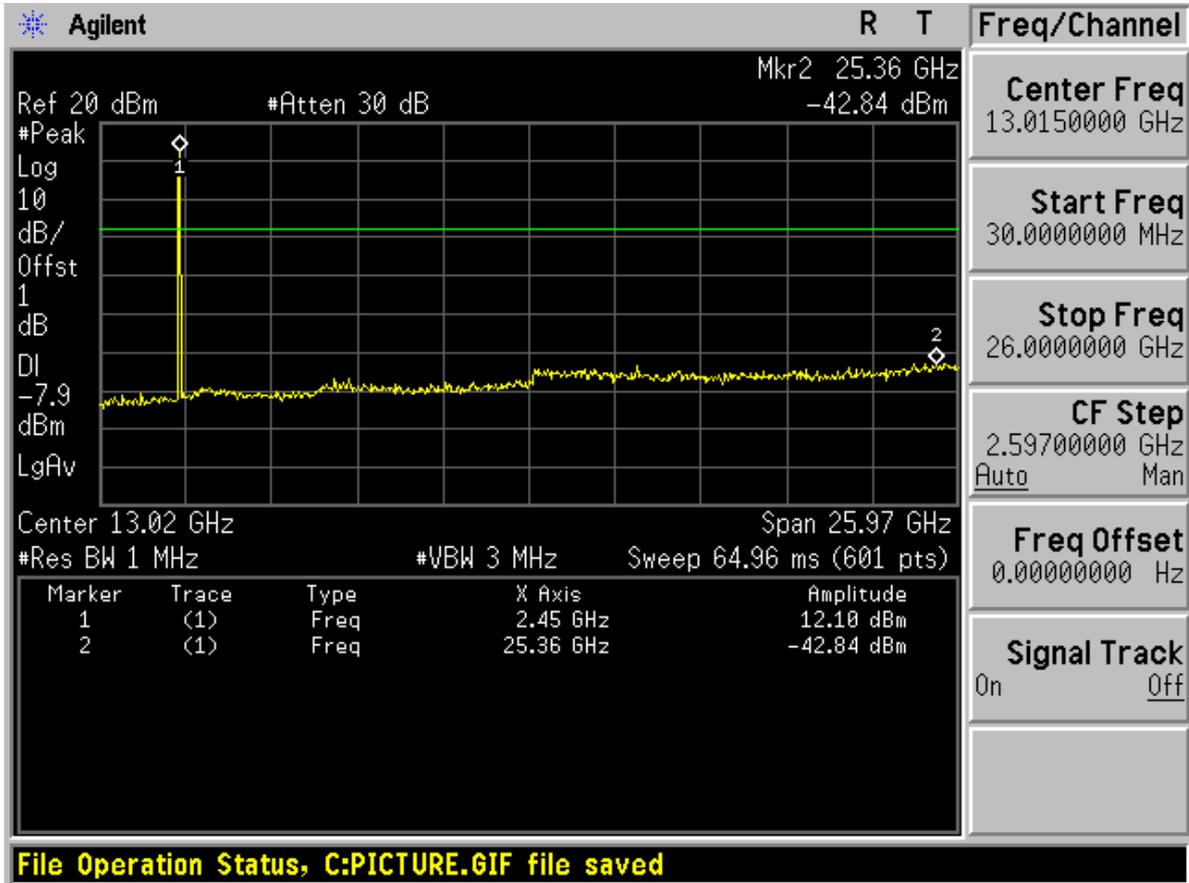




Channel 6

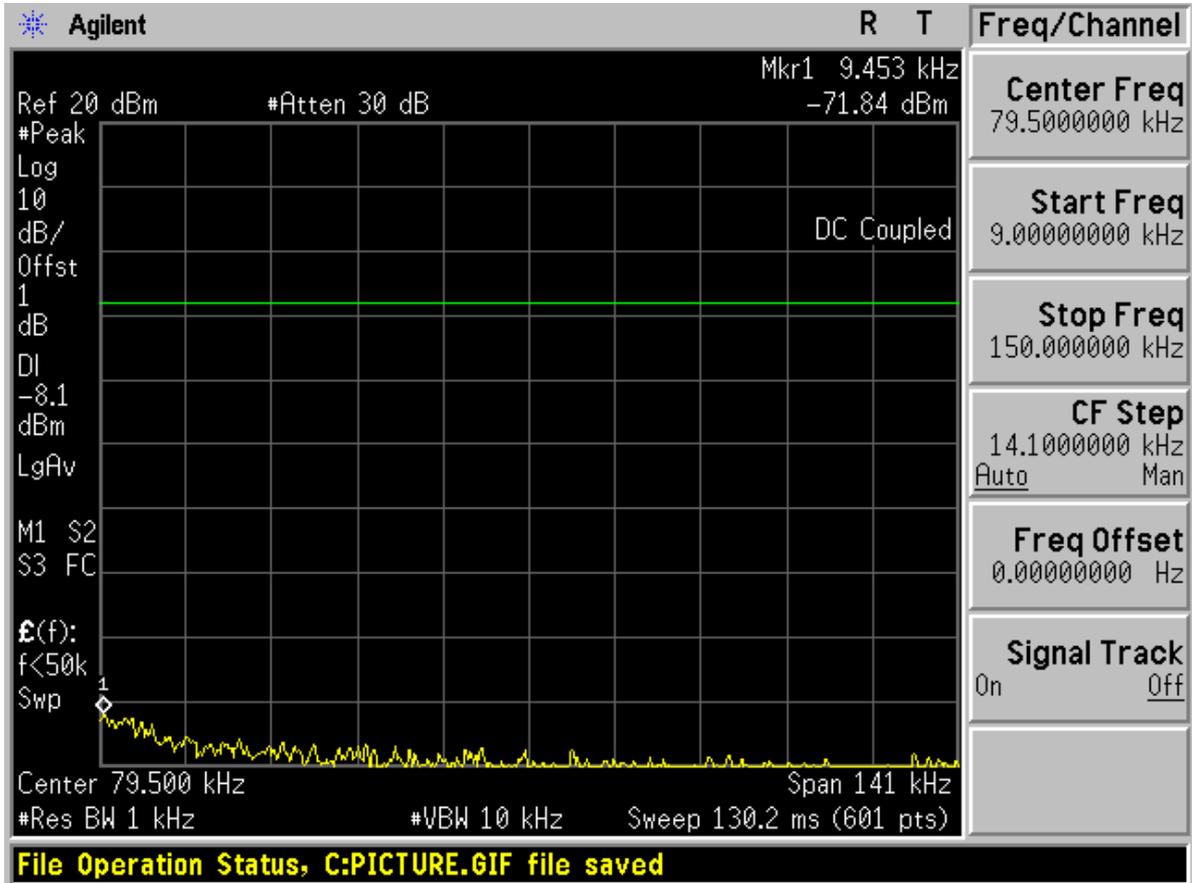


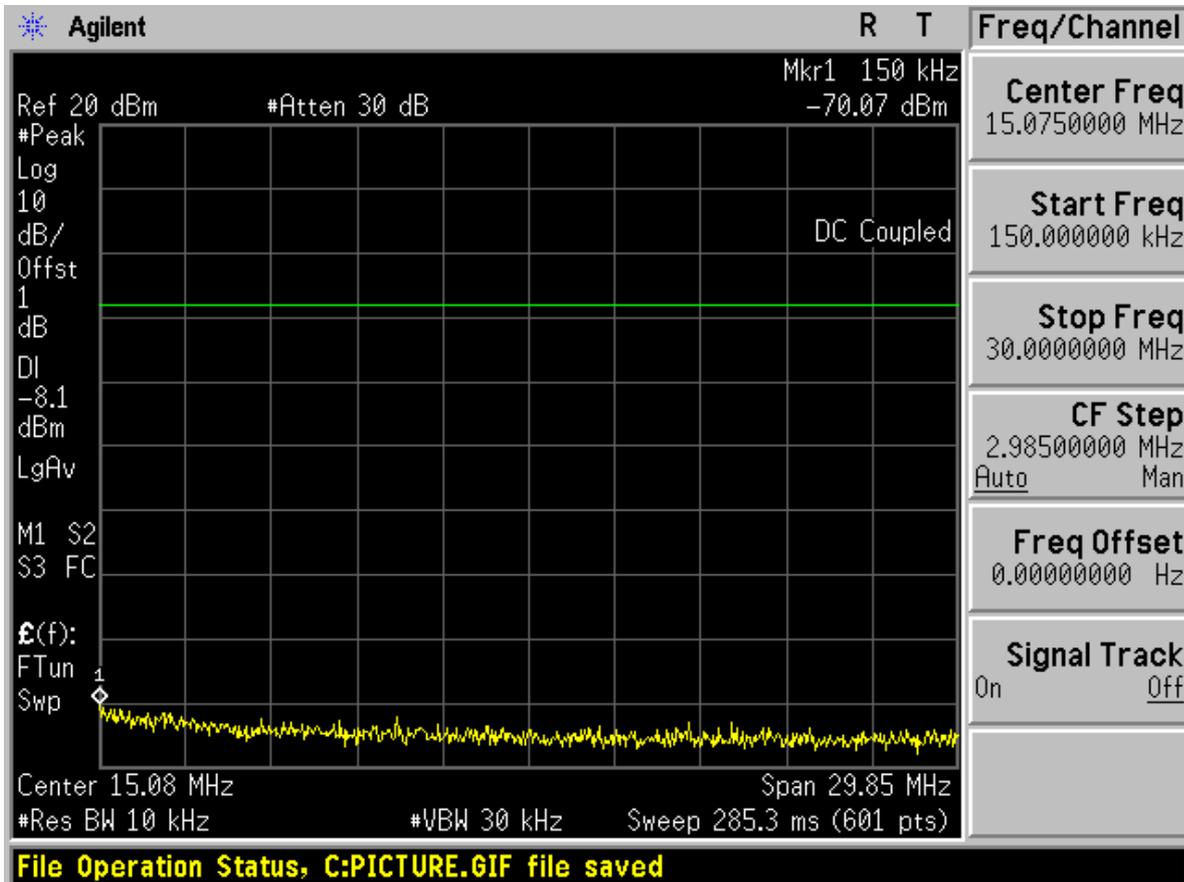


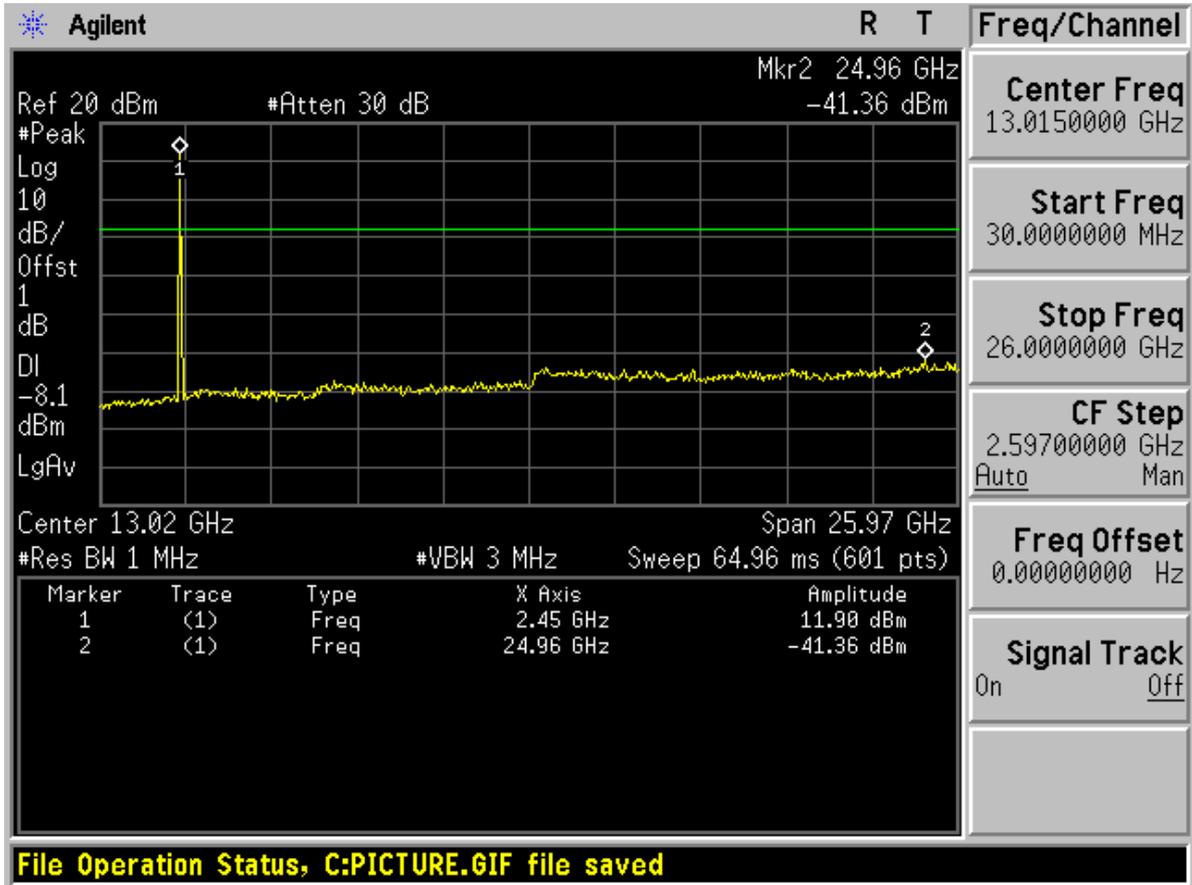




Channel 11

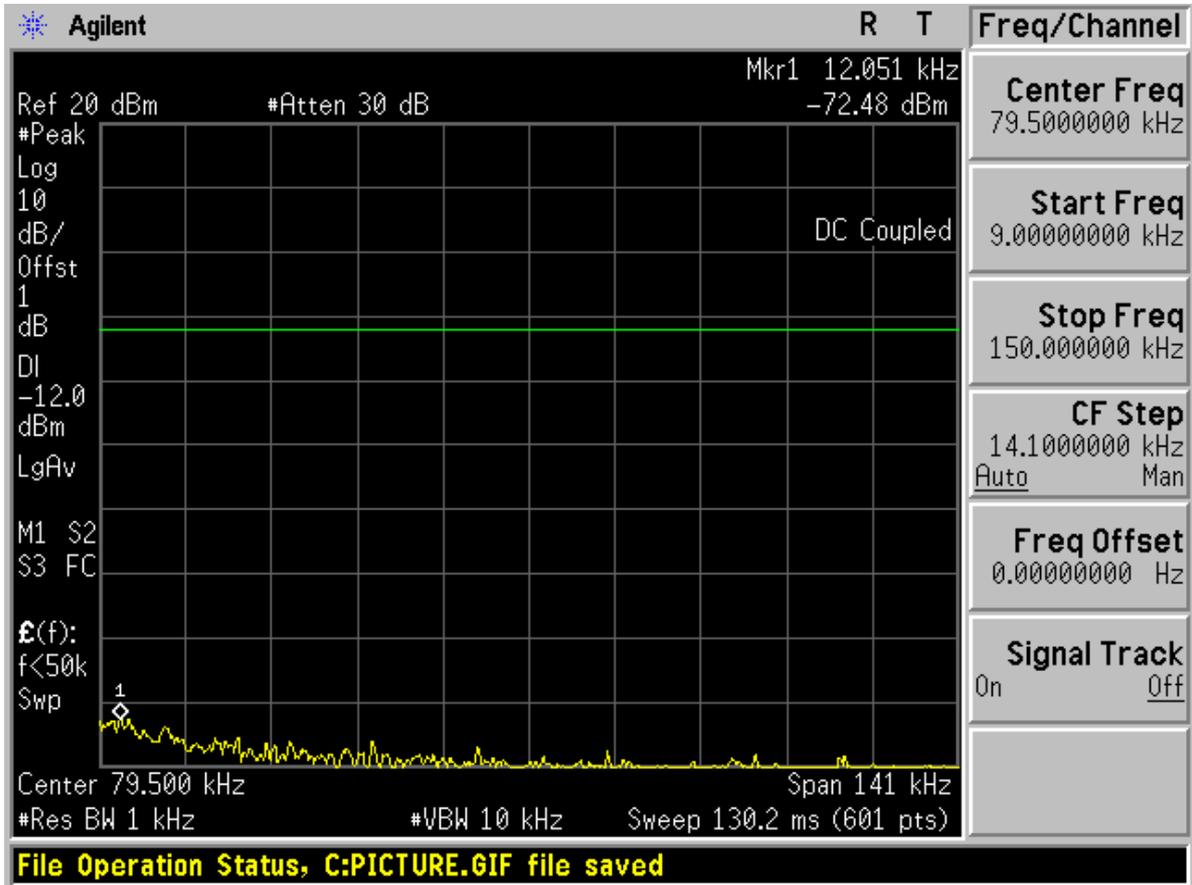


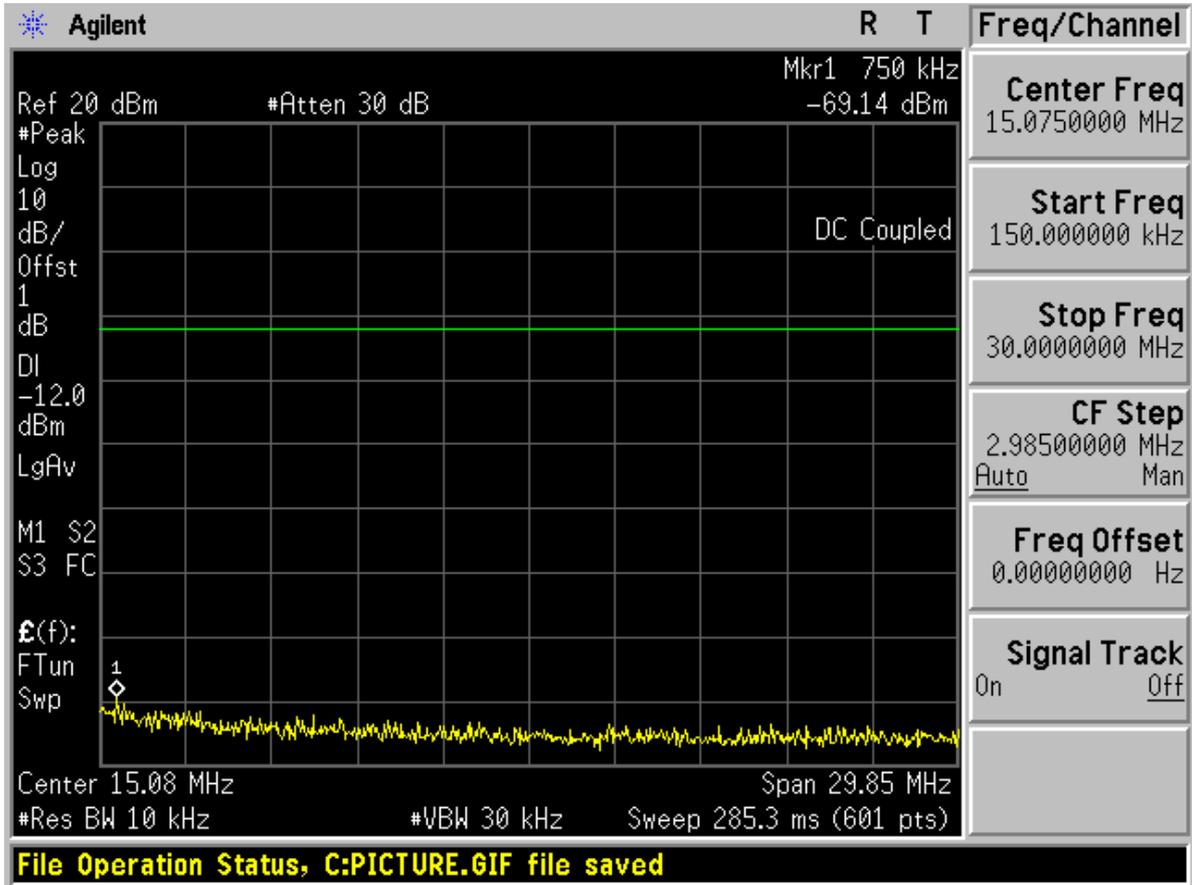


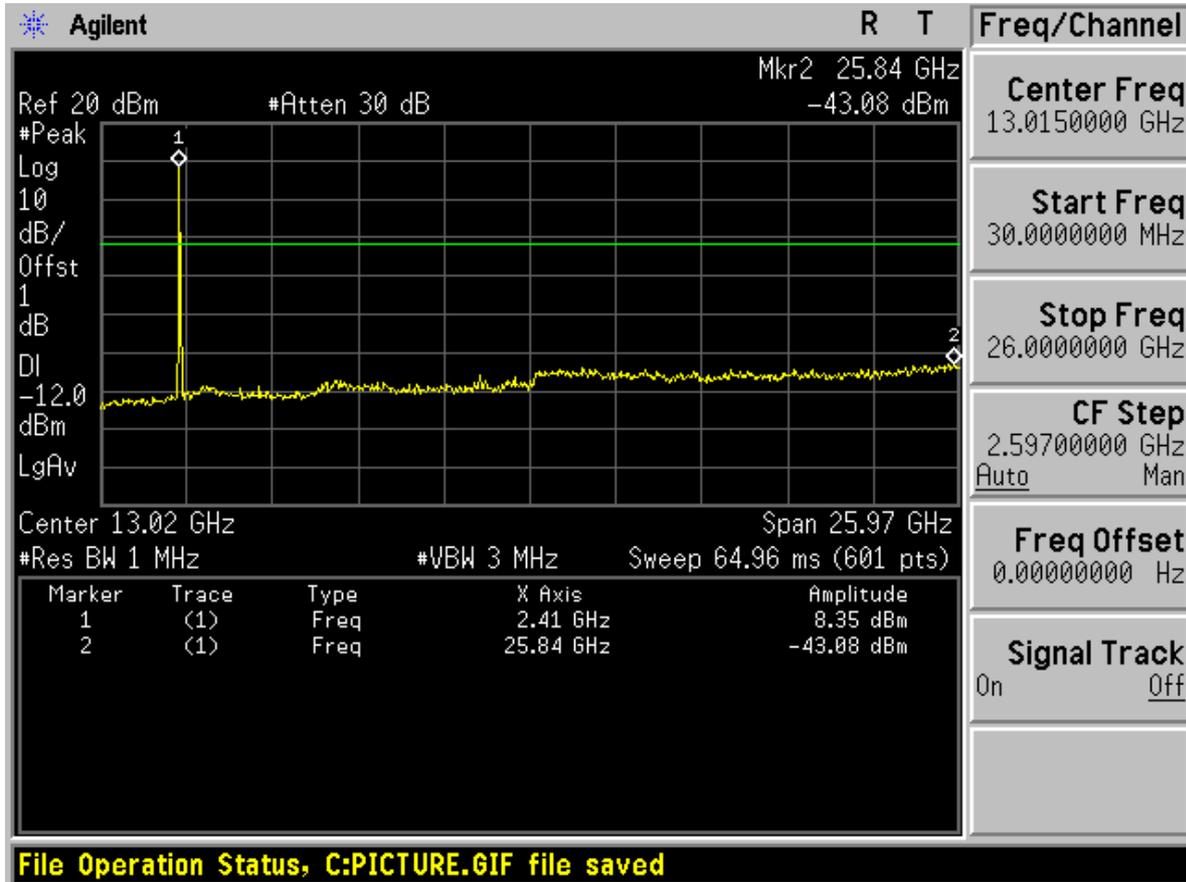




TM2 Channel 1

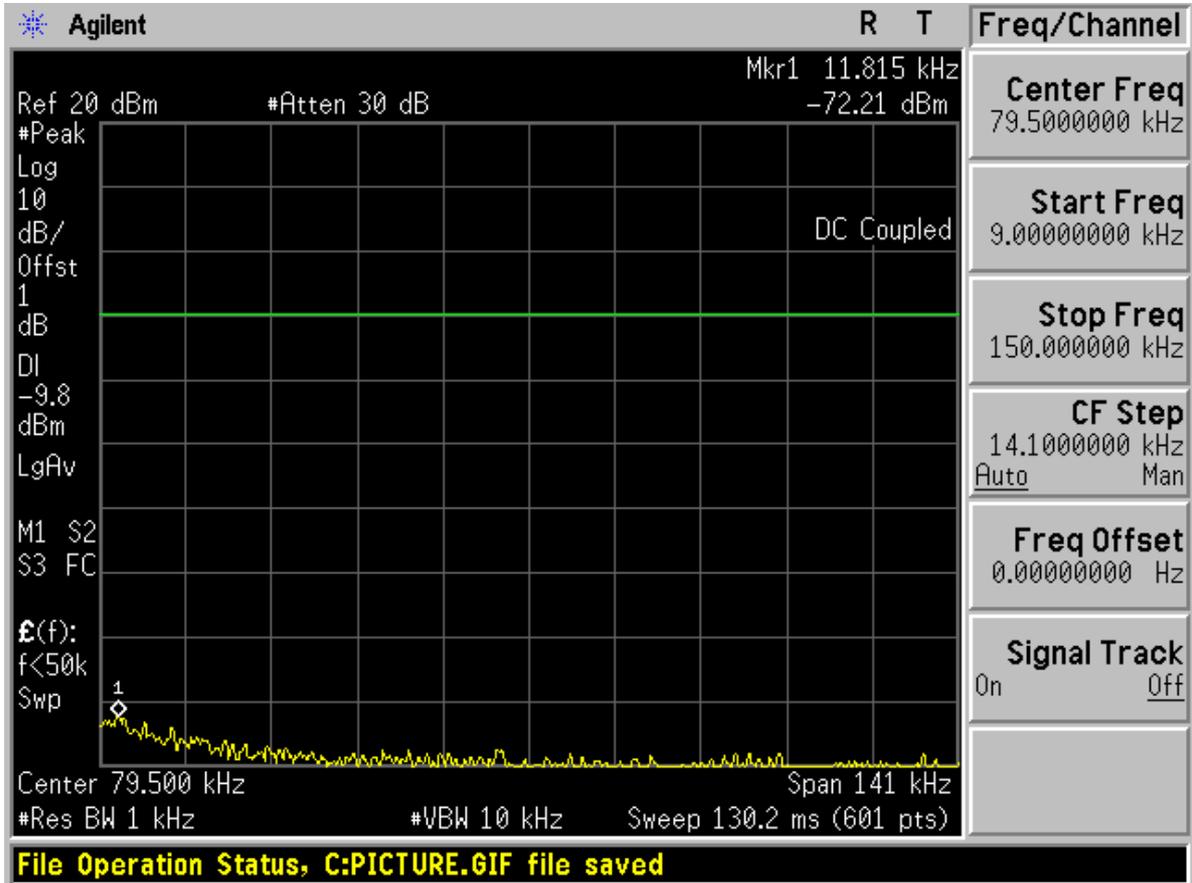


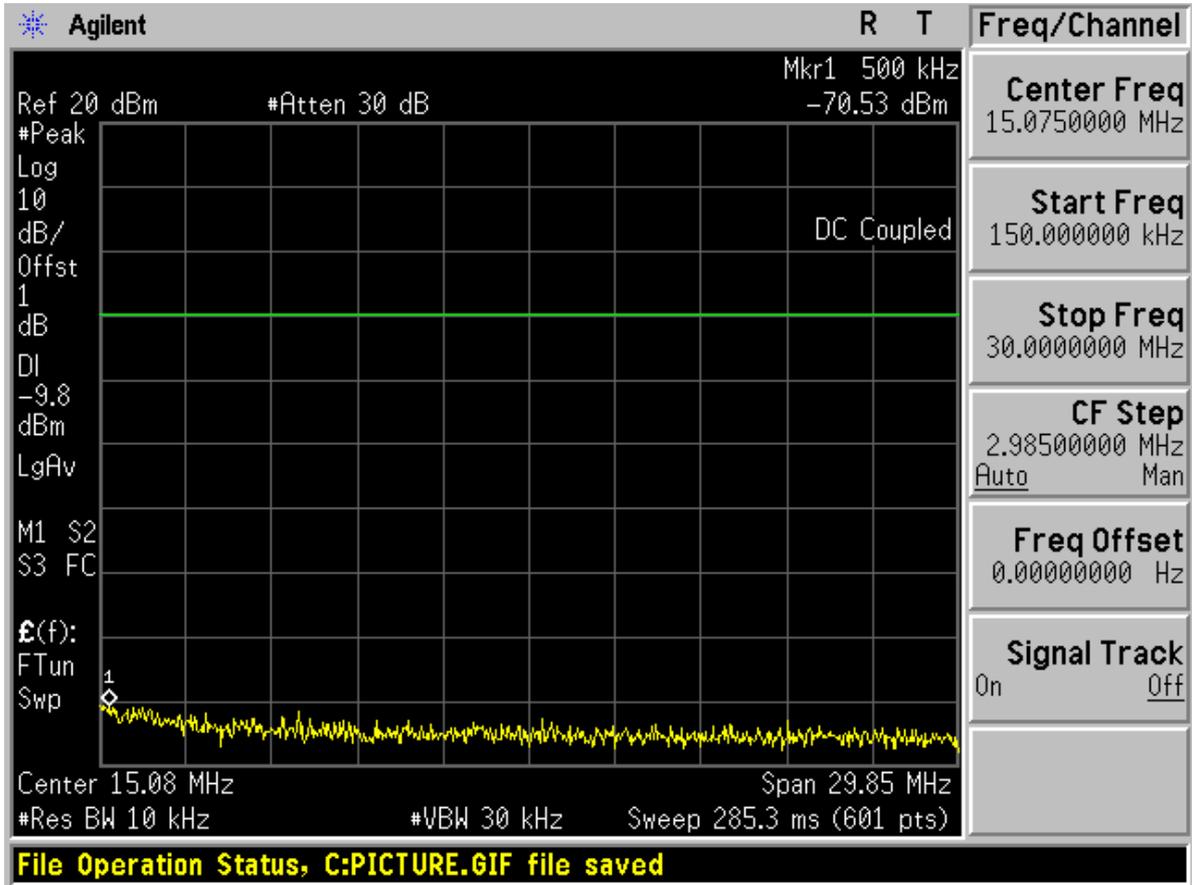


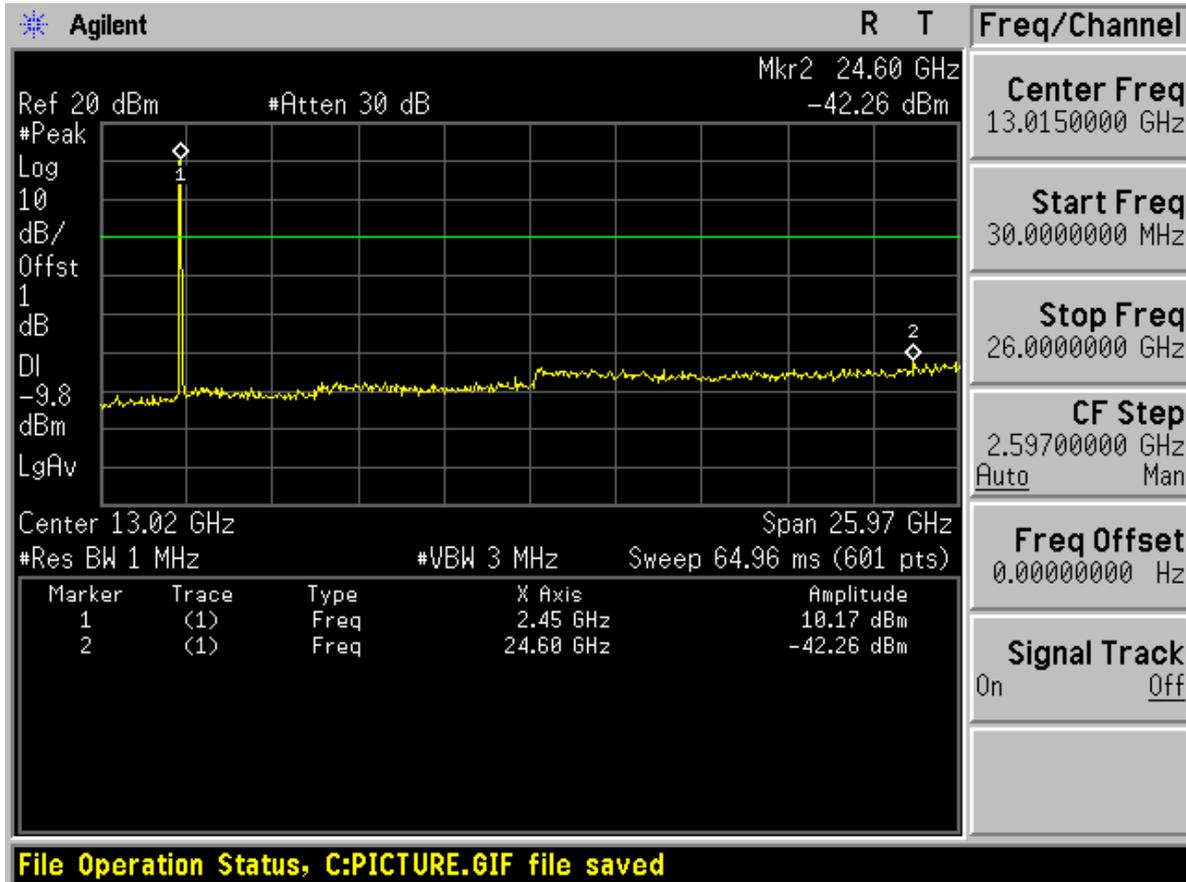




Channel 6

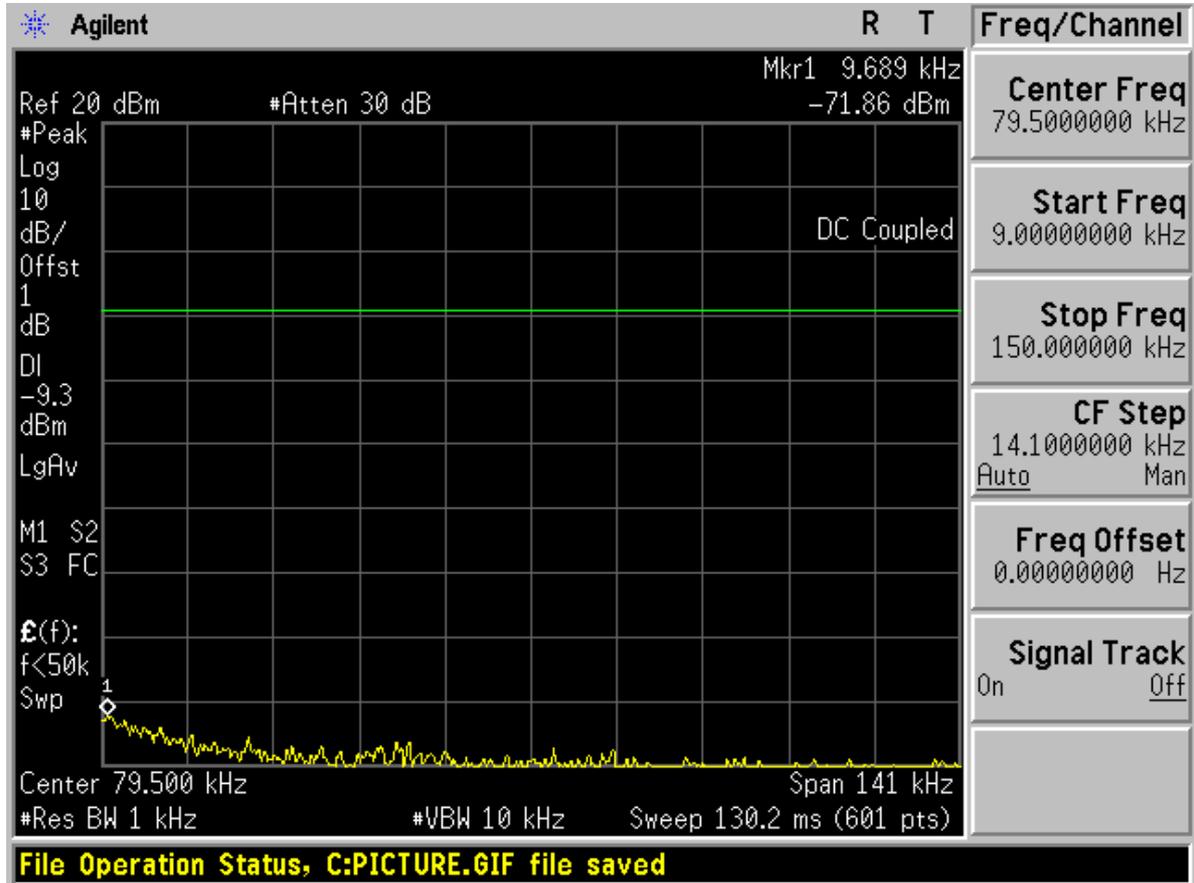


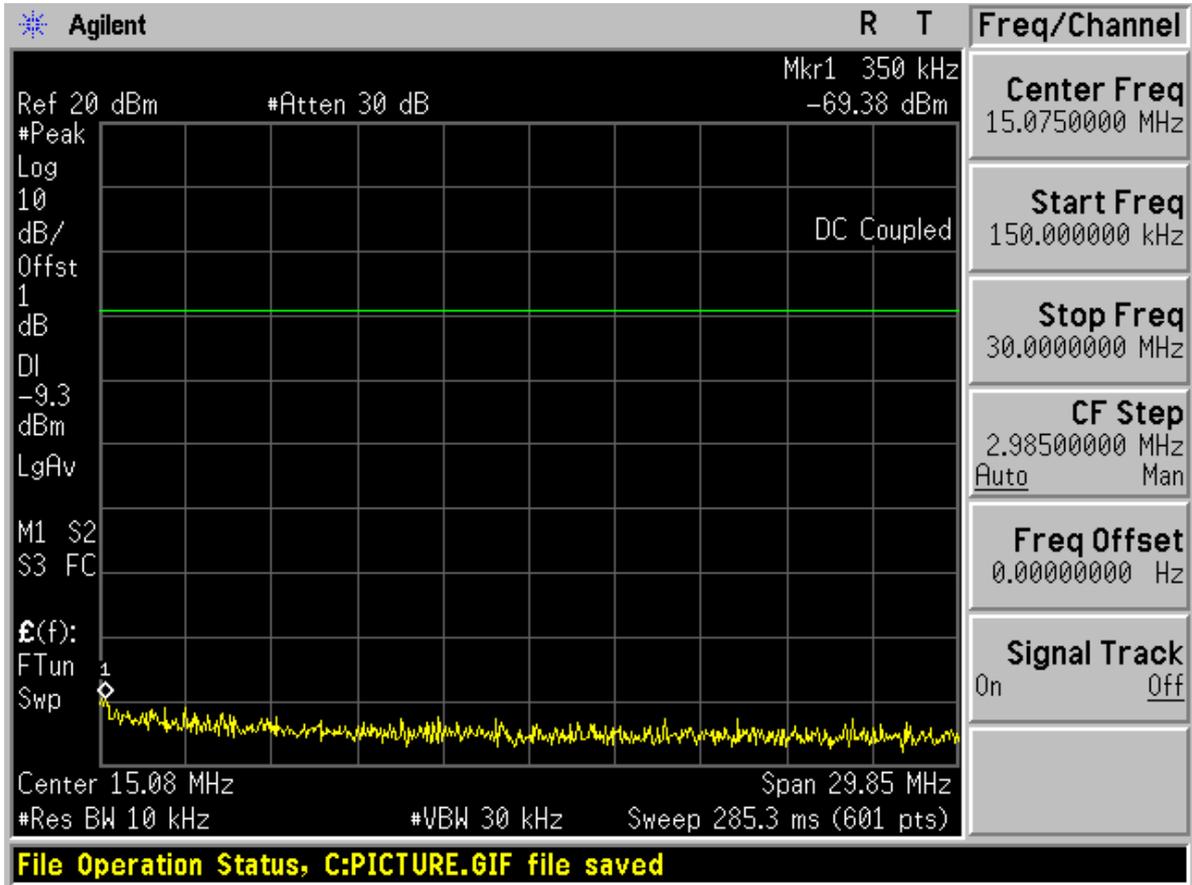


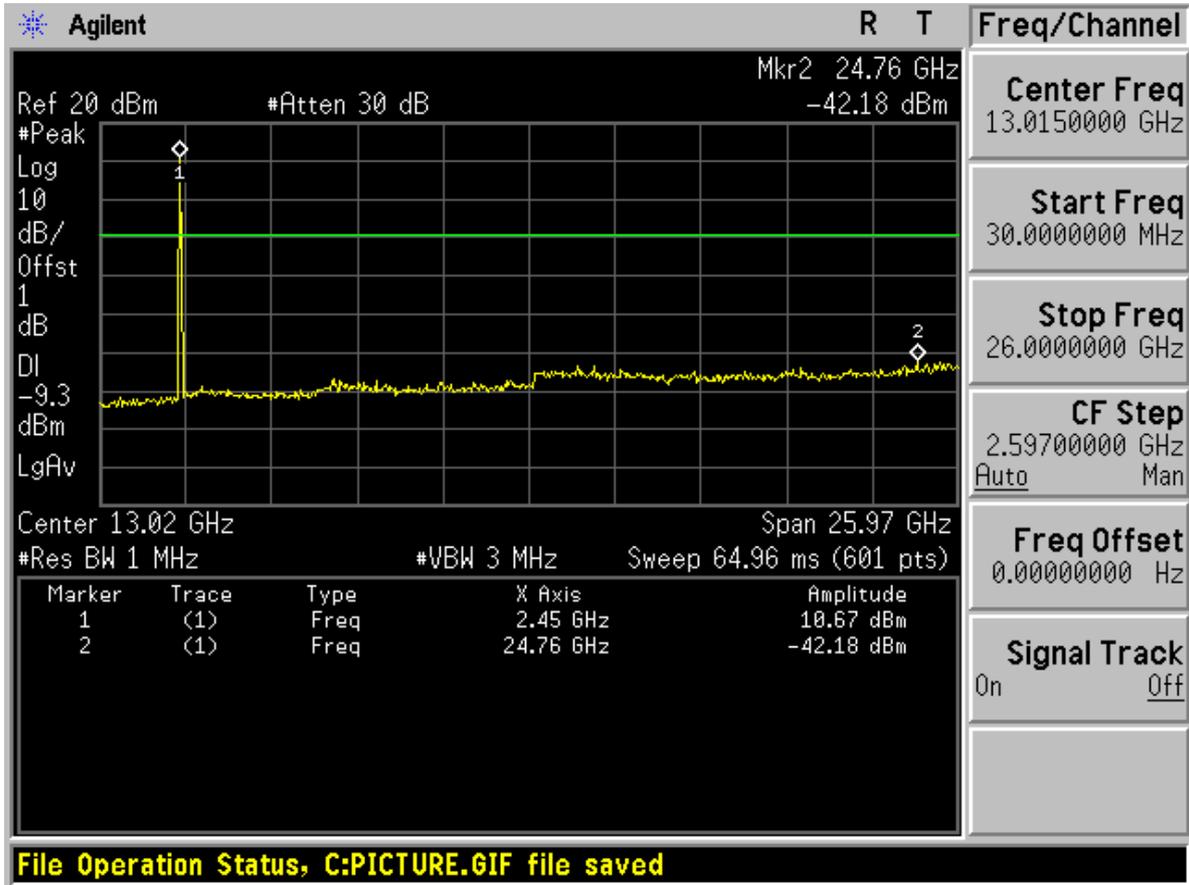




Channel 11

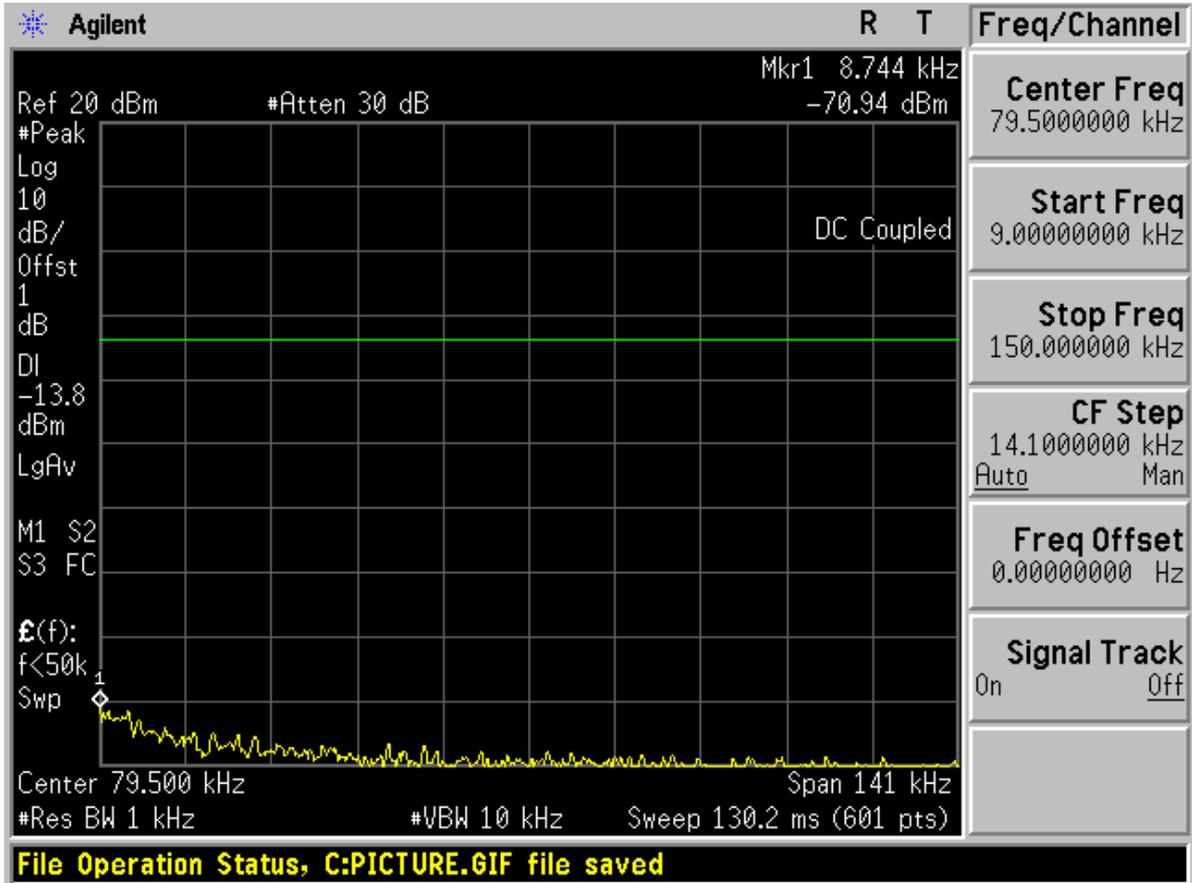


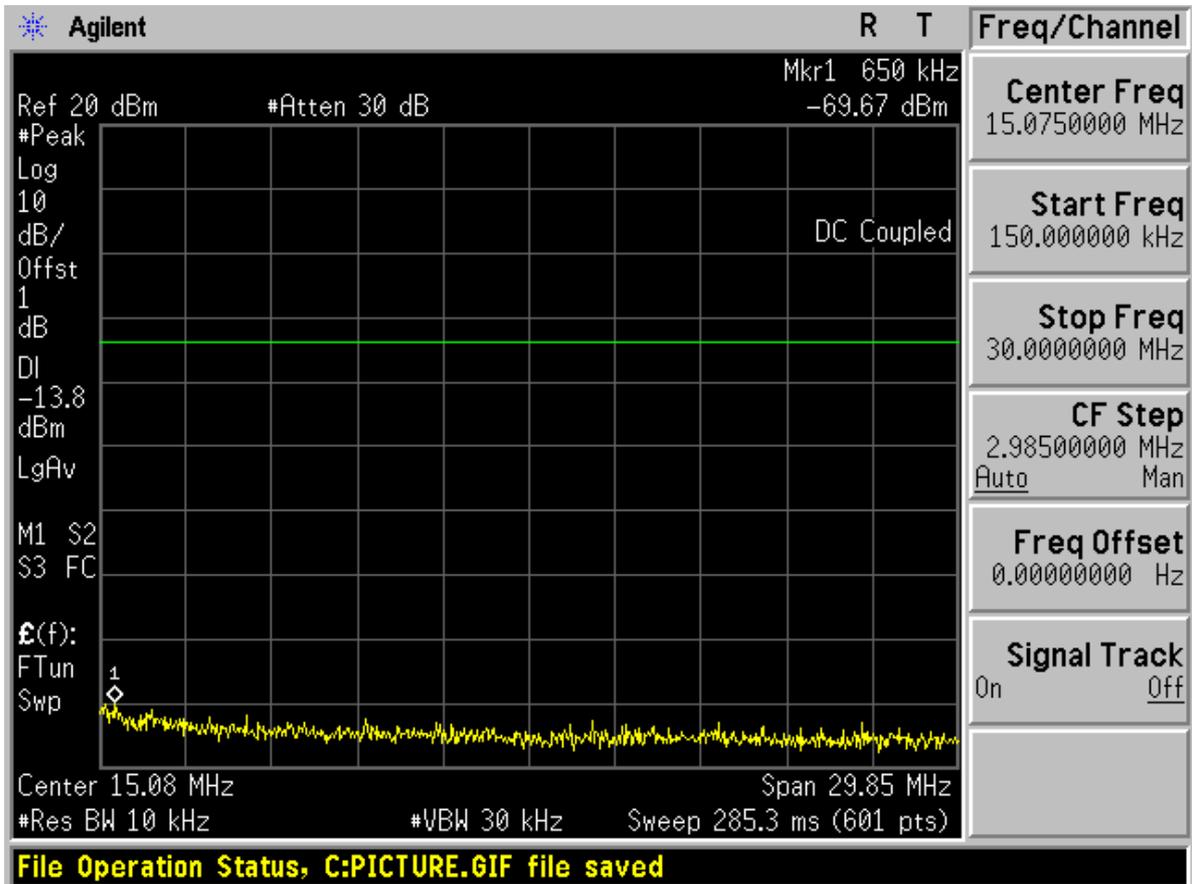


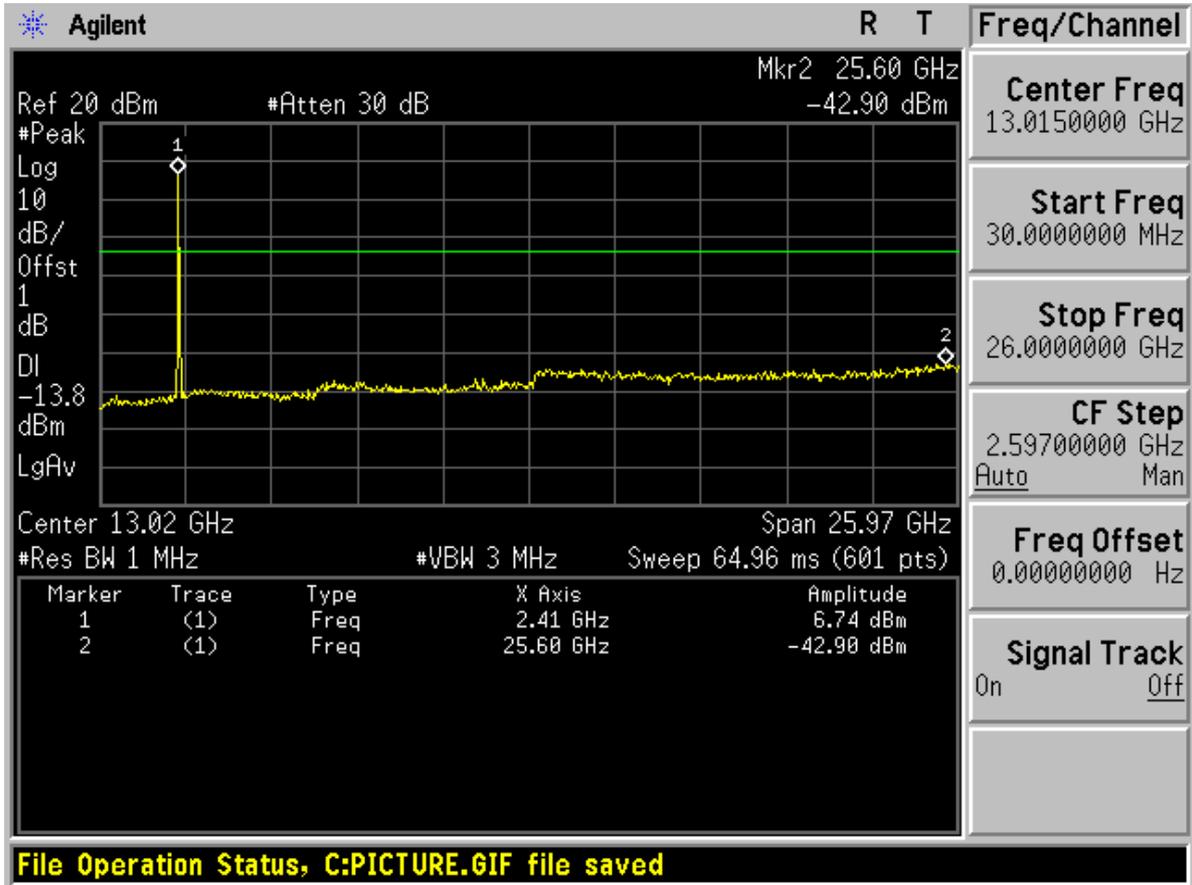




TM3 Channel 1

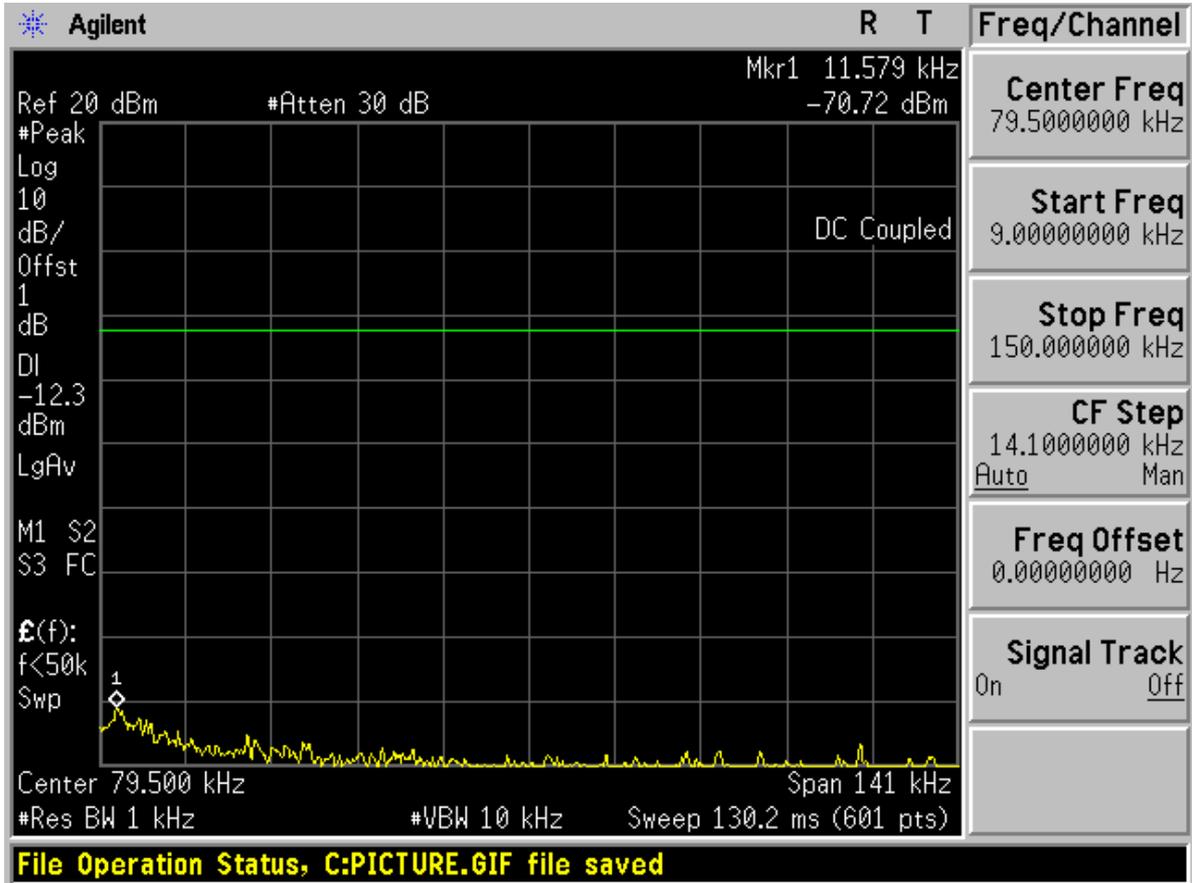


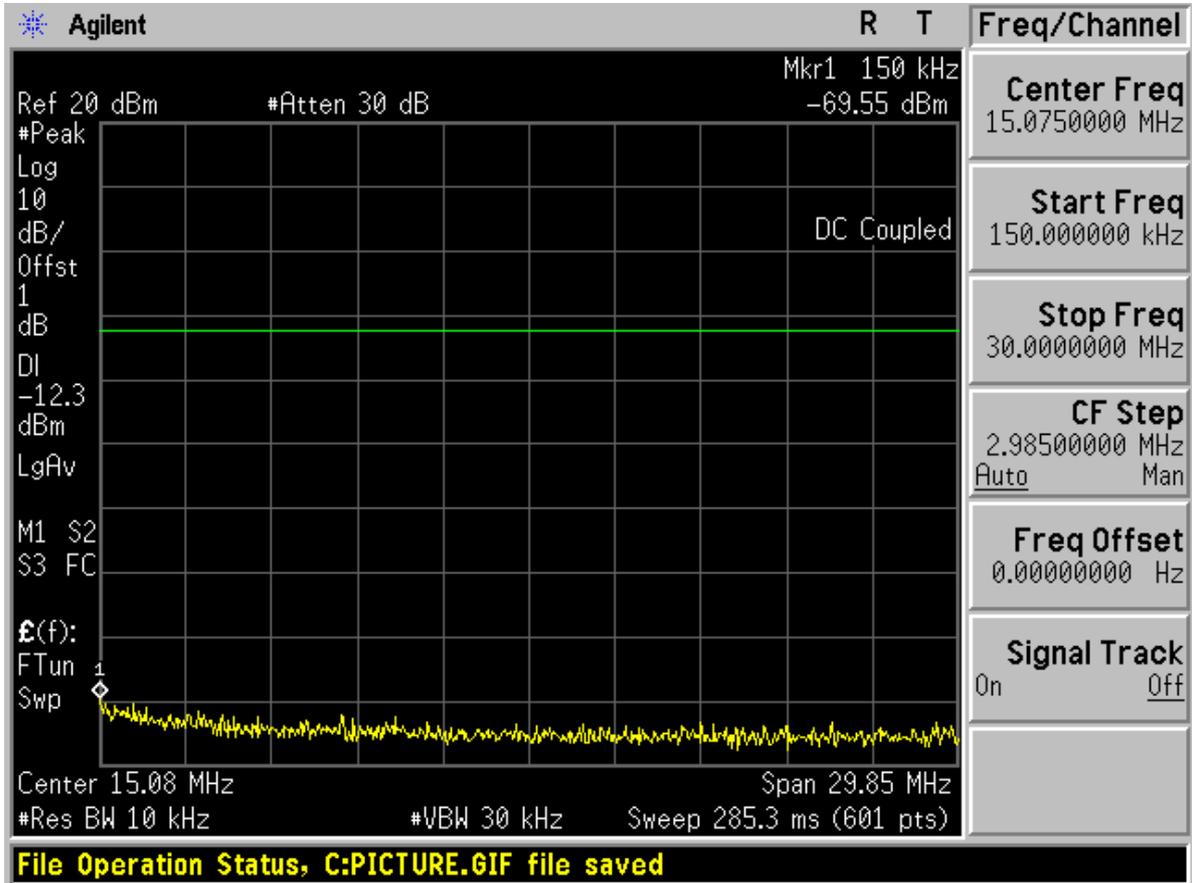


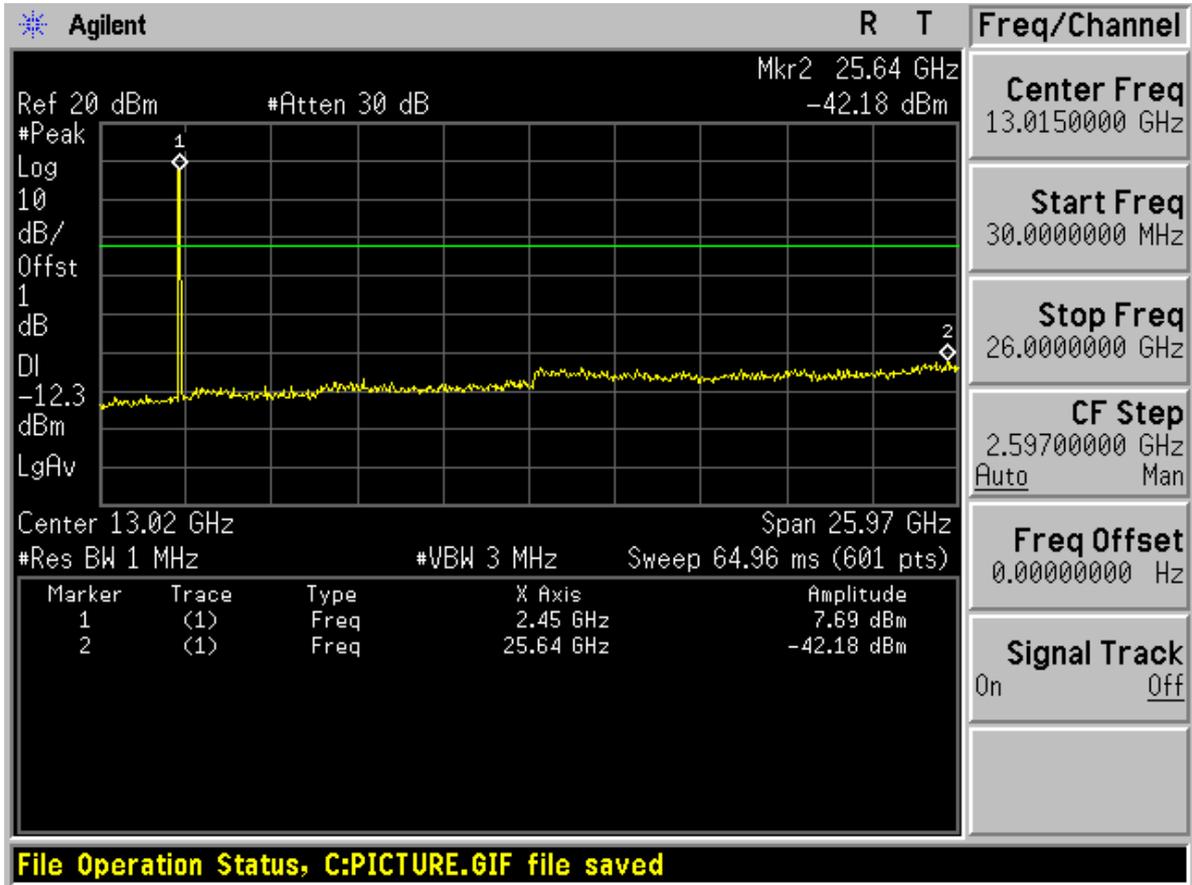




Channel 6

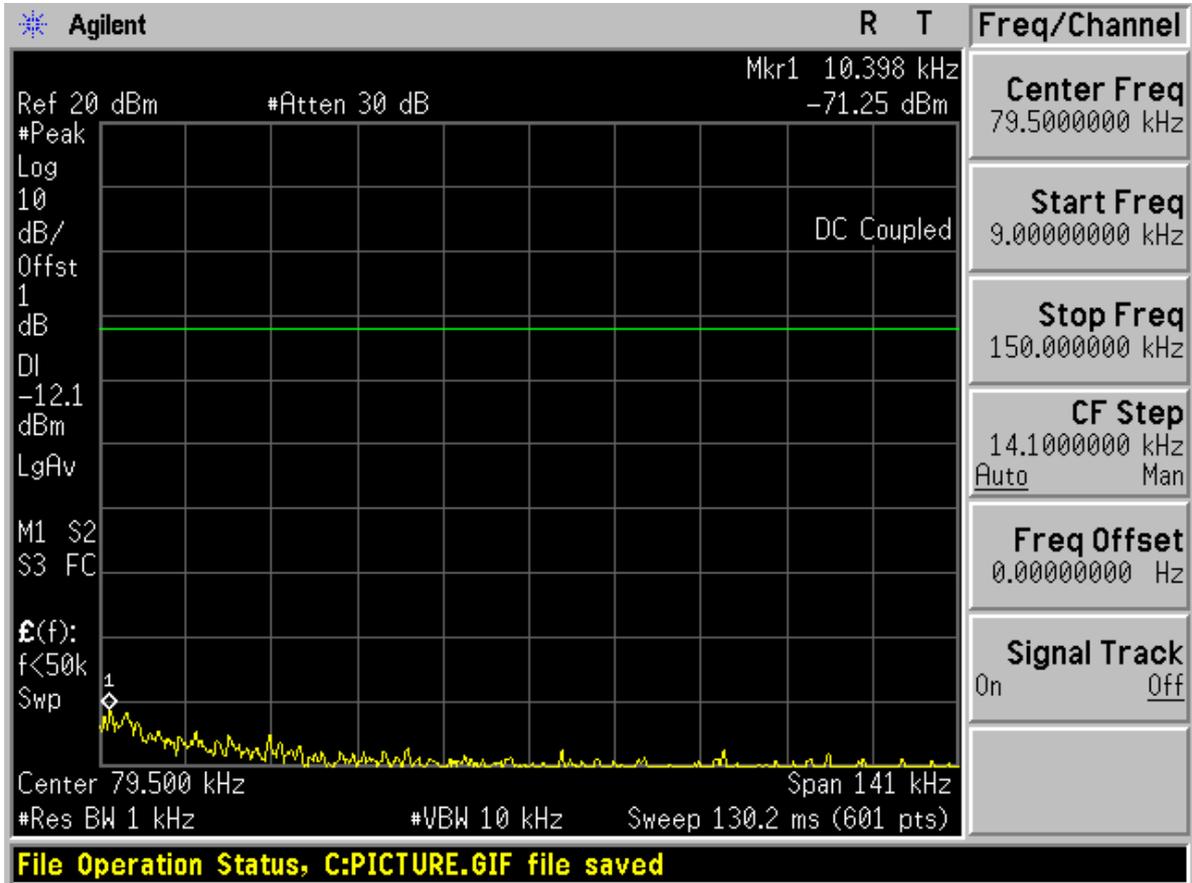


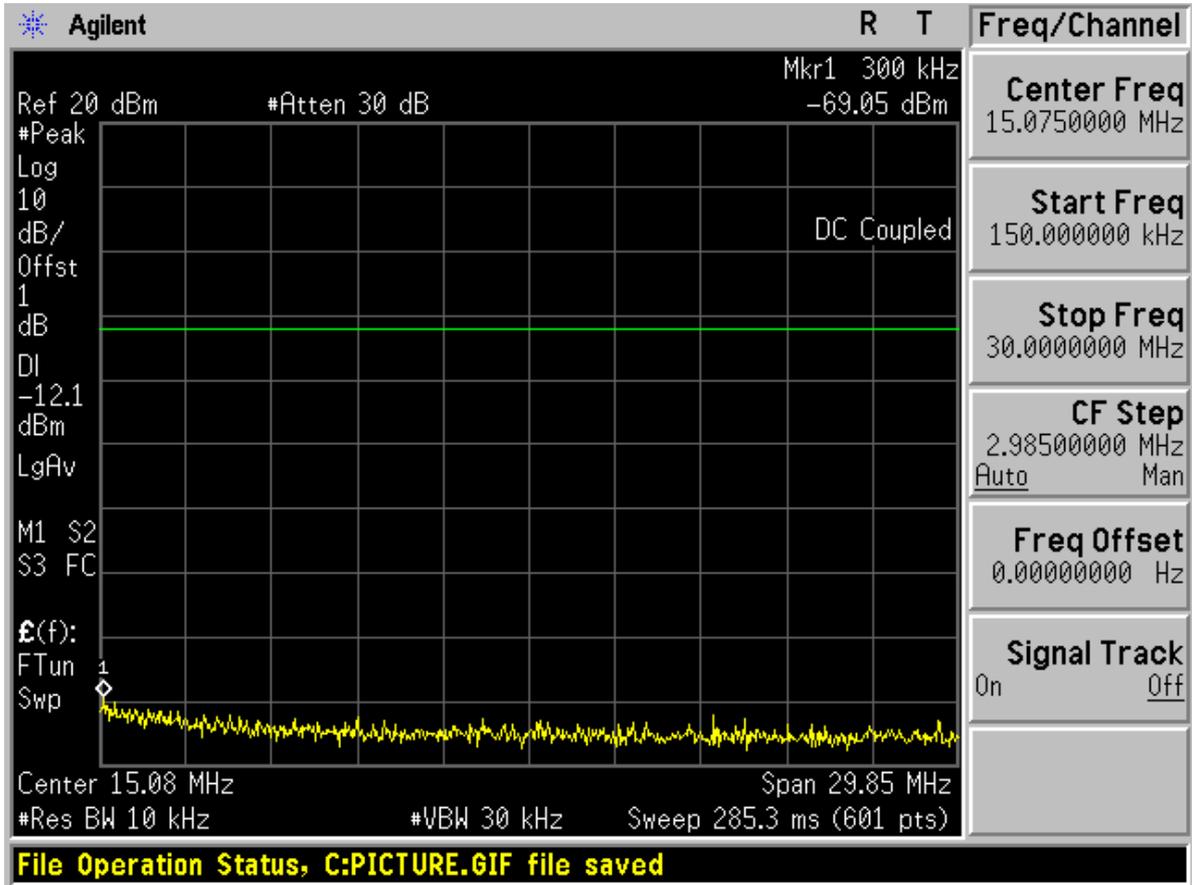


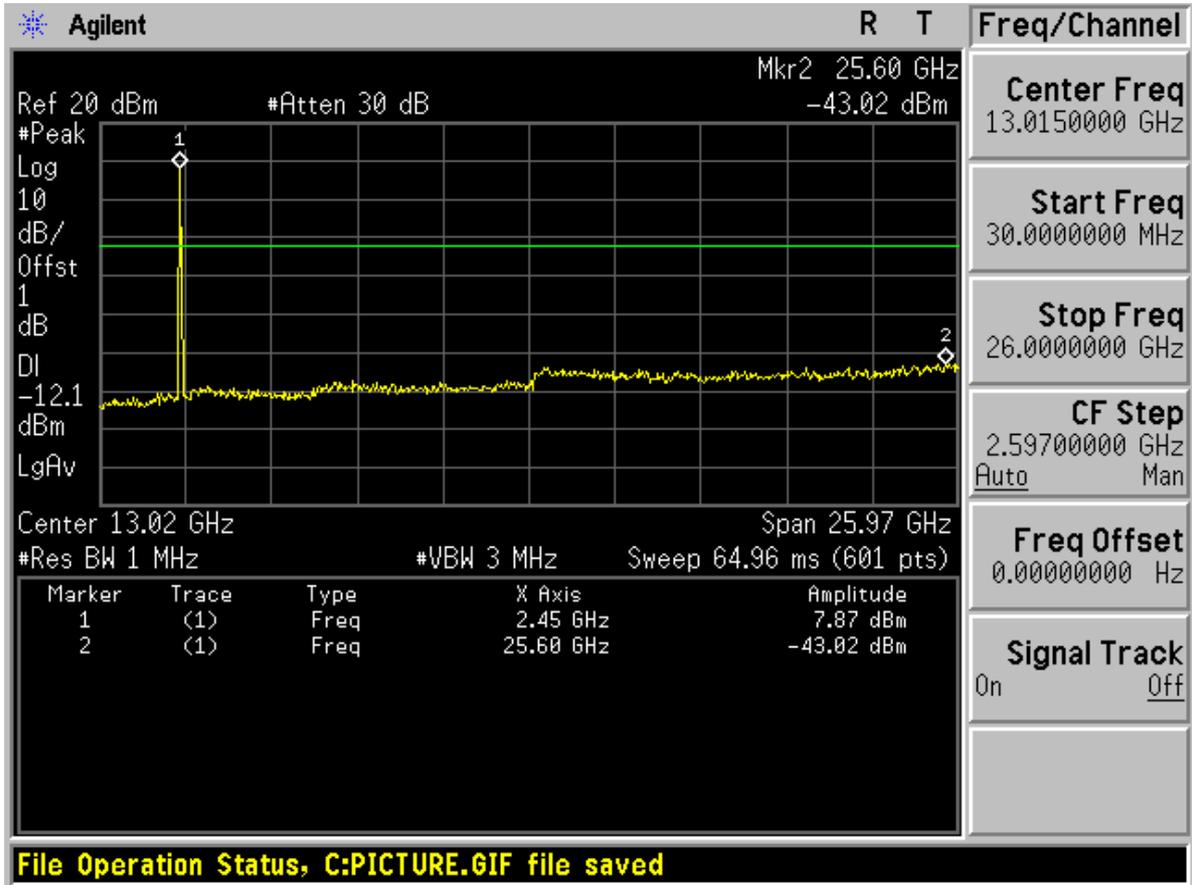




Channel 11









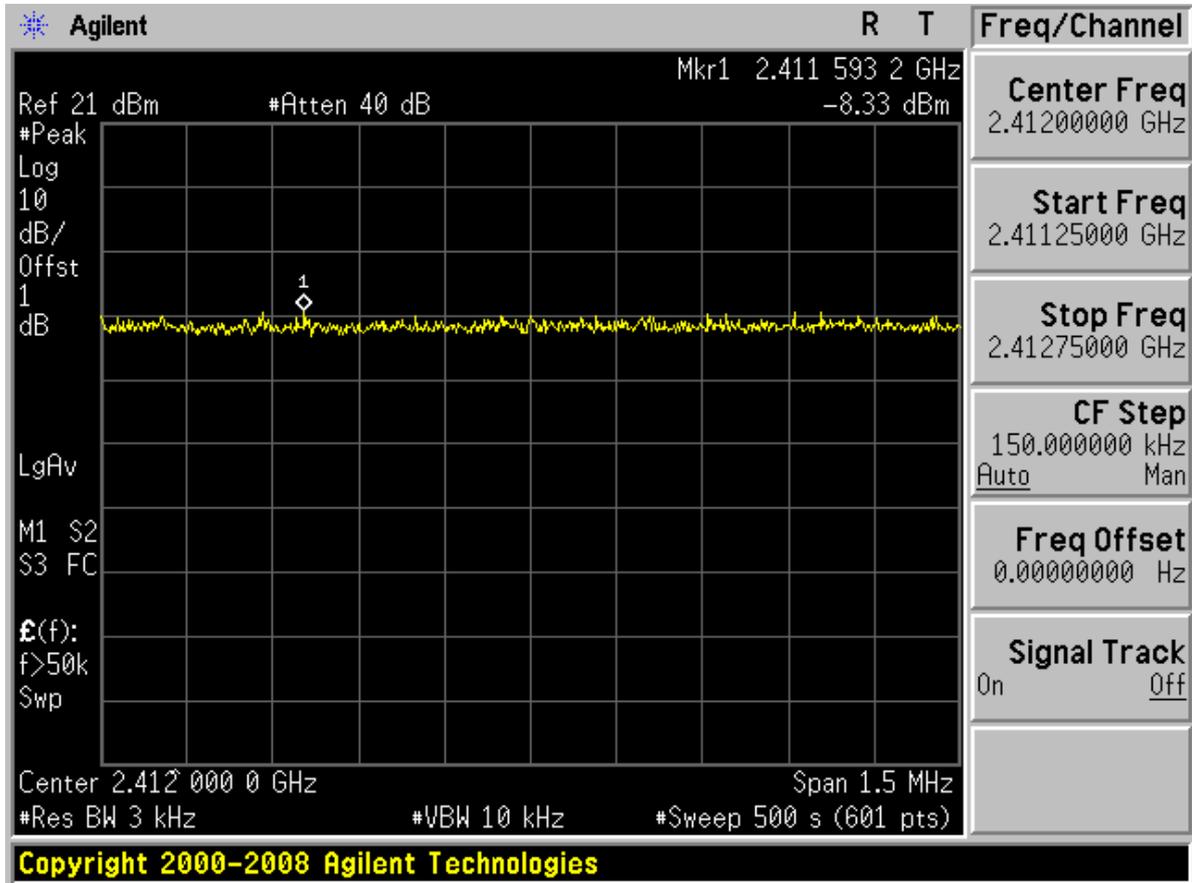
Appendix E

Power spectral density

According to FCC Part 15.247 (e)

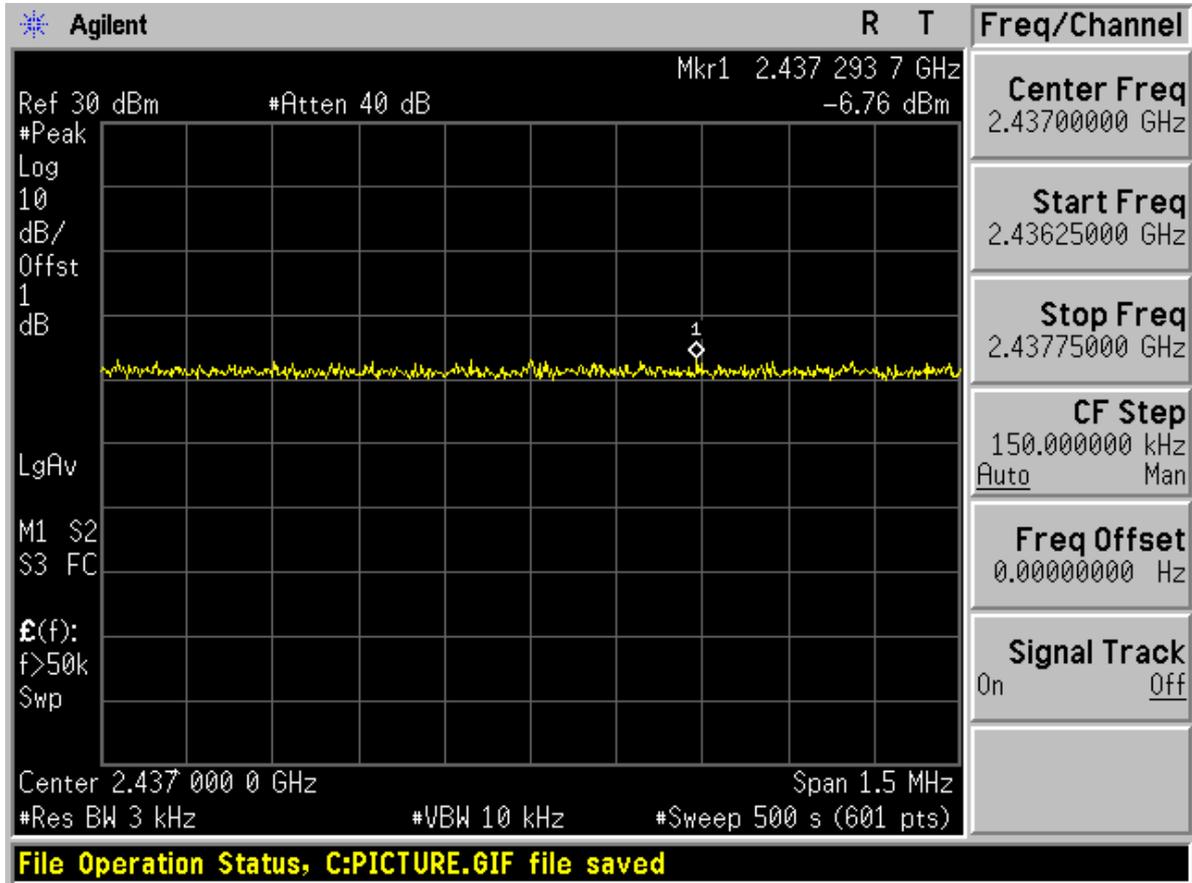


TM1 Channel 1



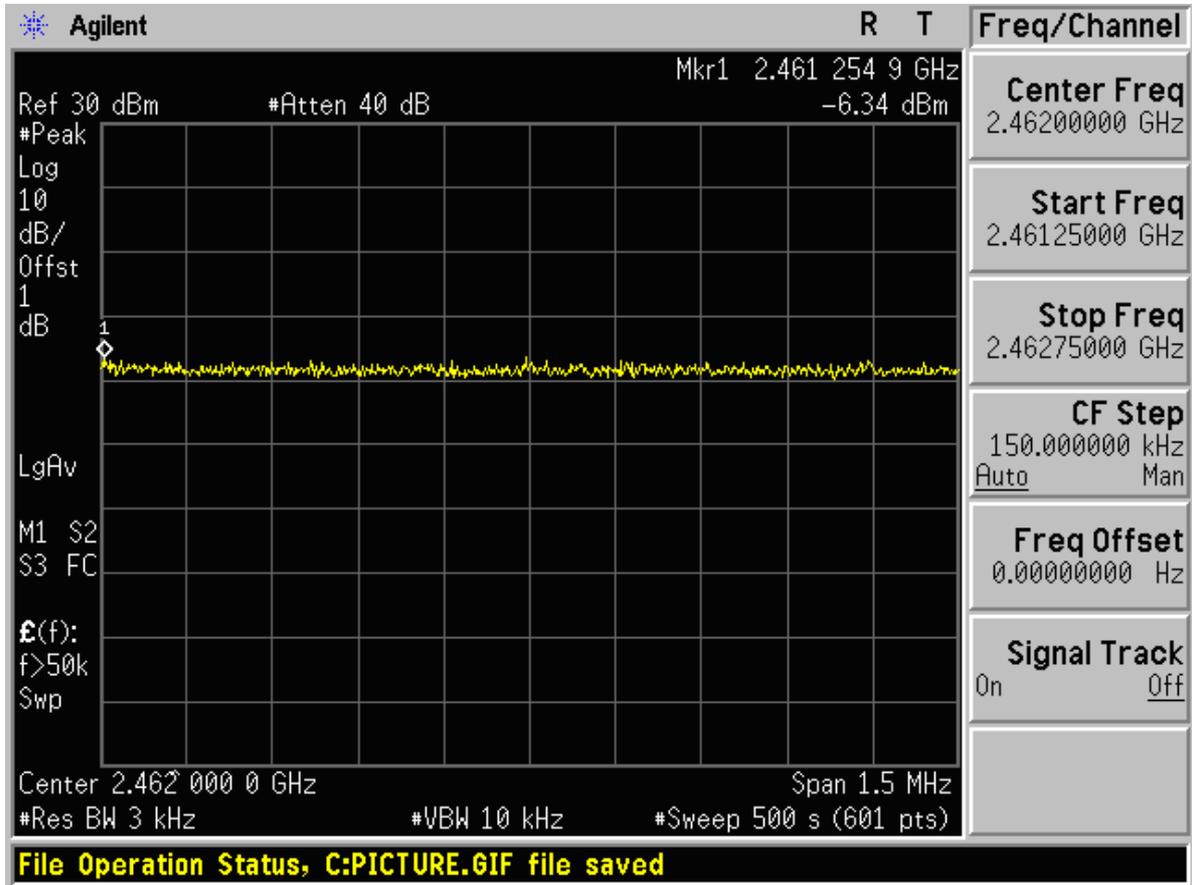


Channel 6



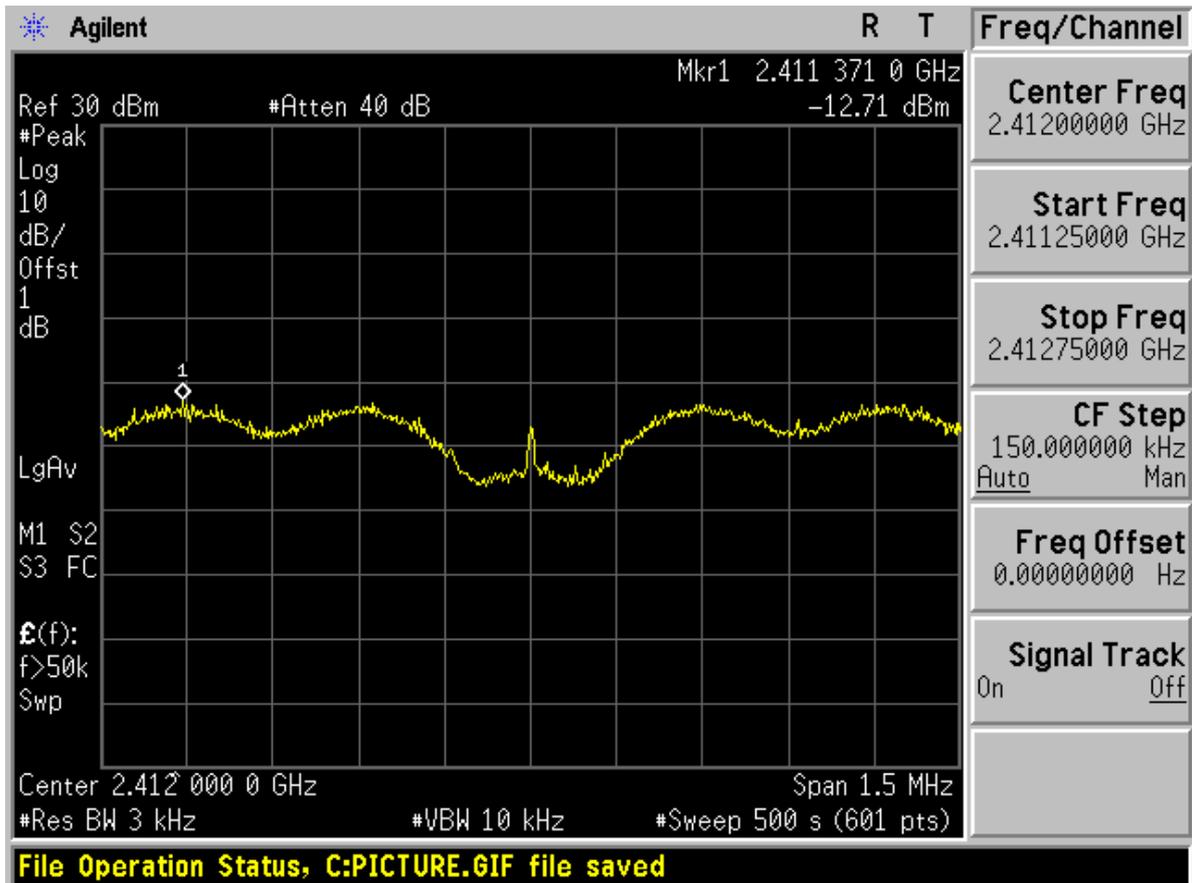


Channel 11



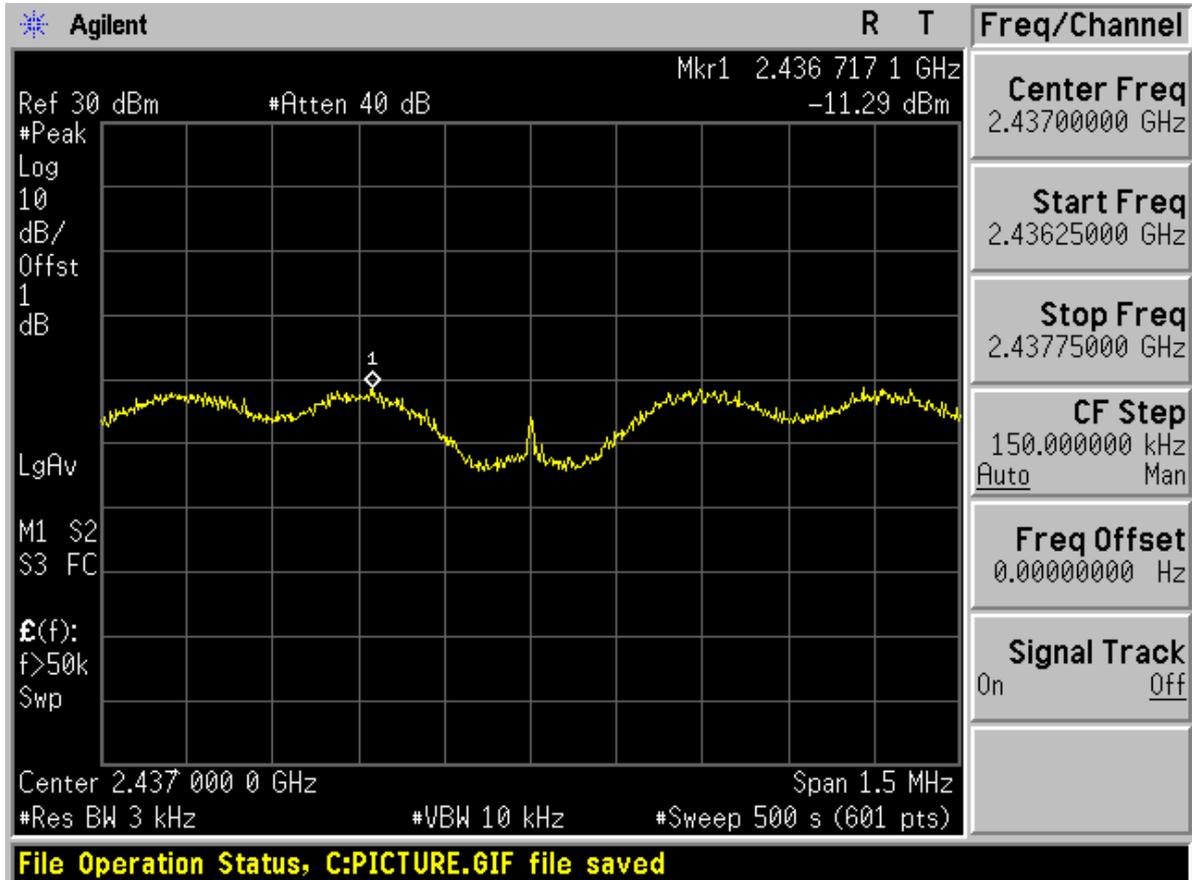


TM2 Channel 1



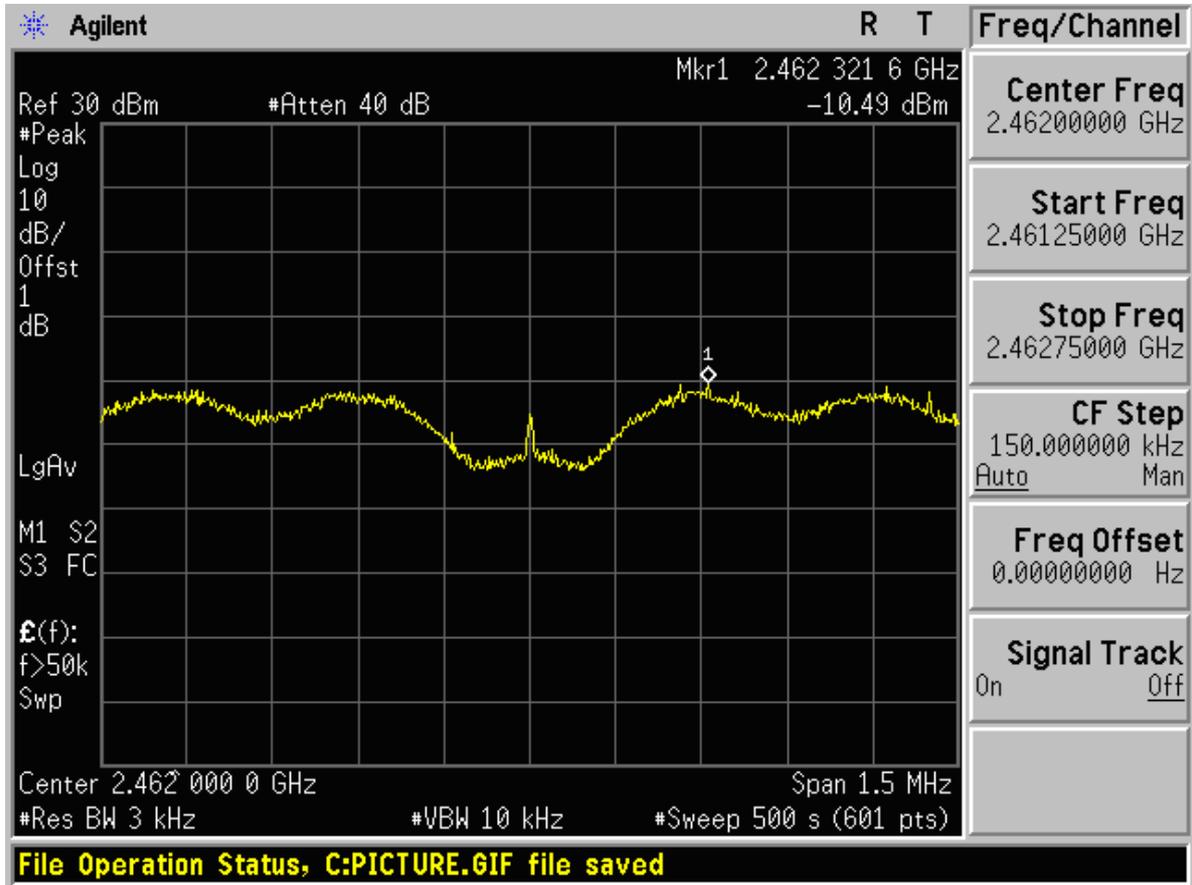


Channel 6



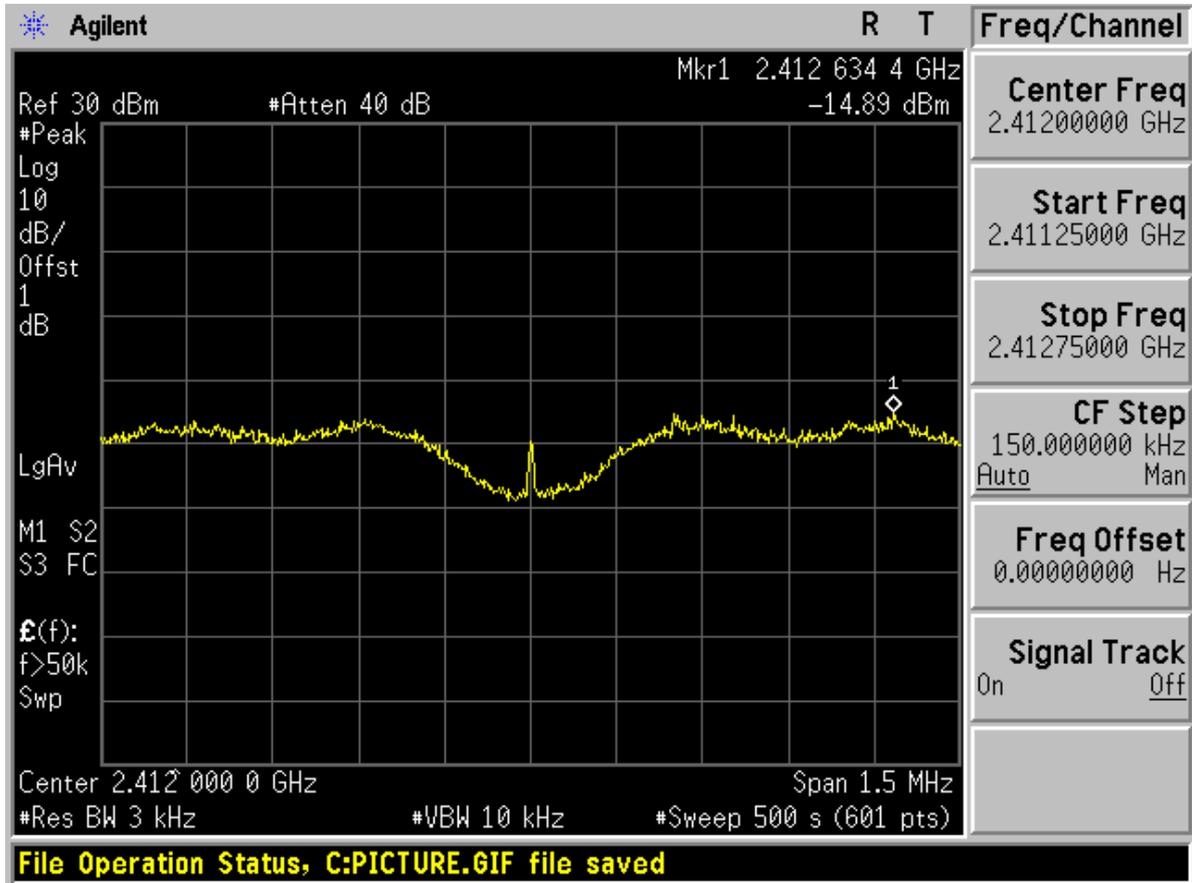


Channel 11

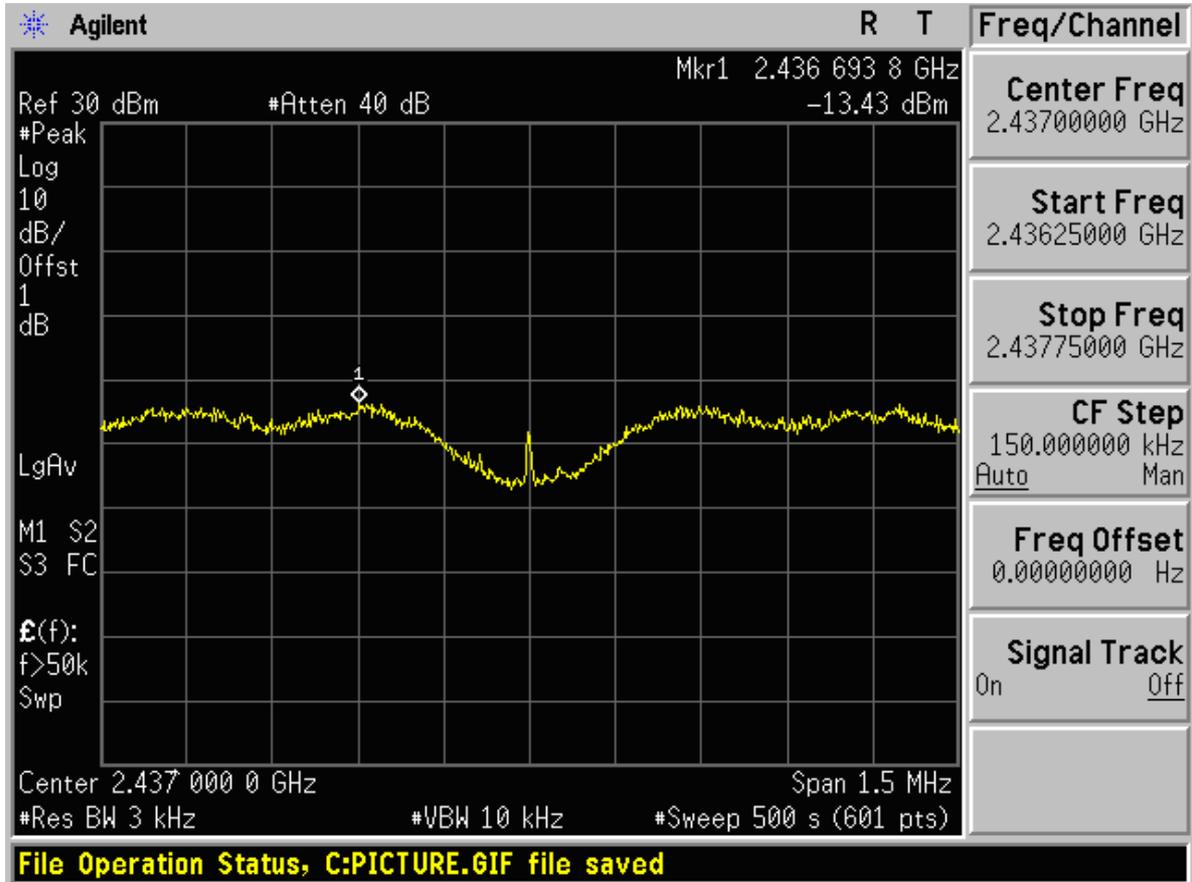




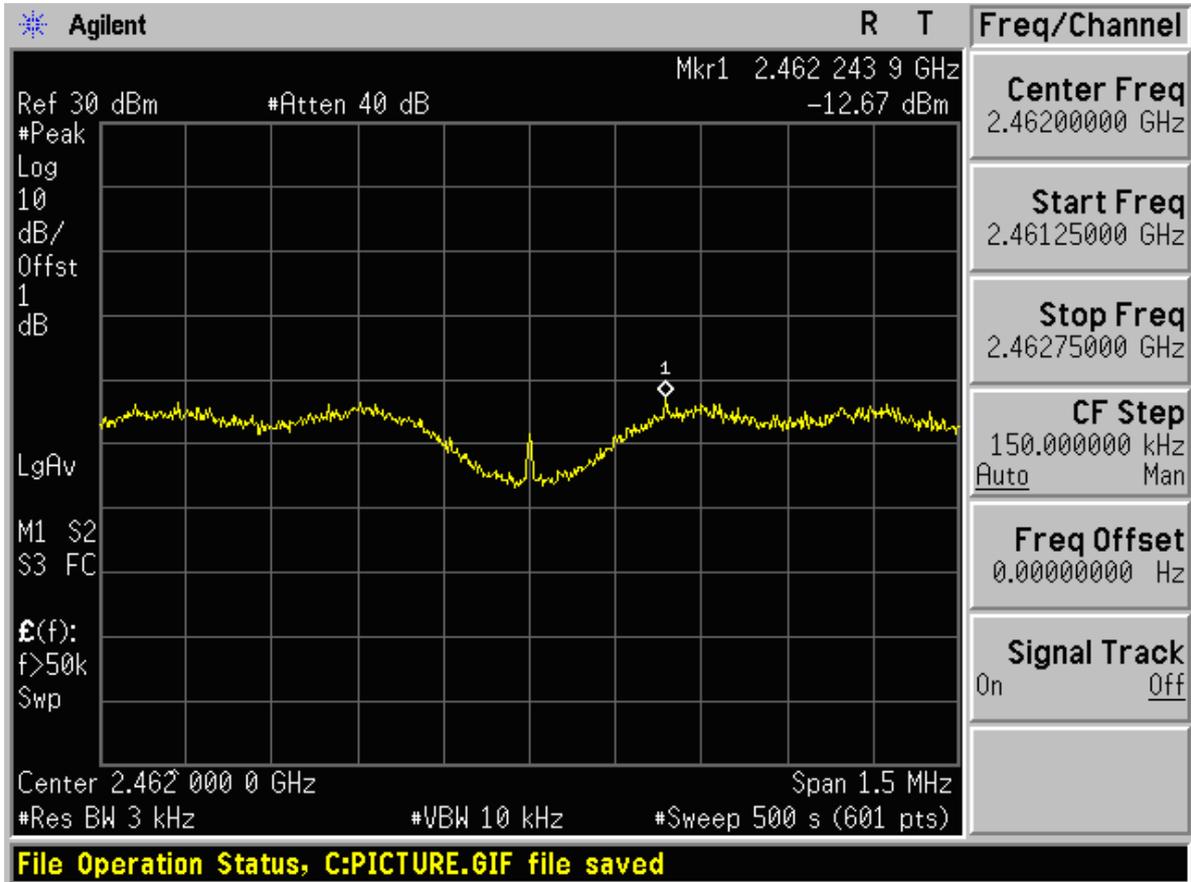
TM3 Channel 1



Channel 6



Channel 11





Appendix F

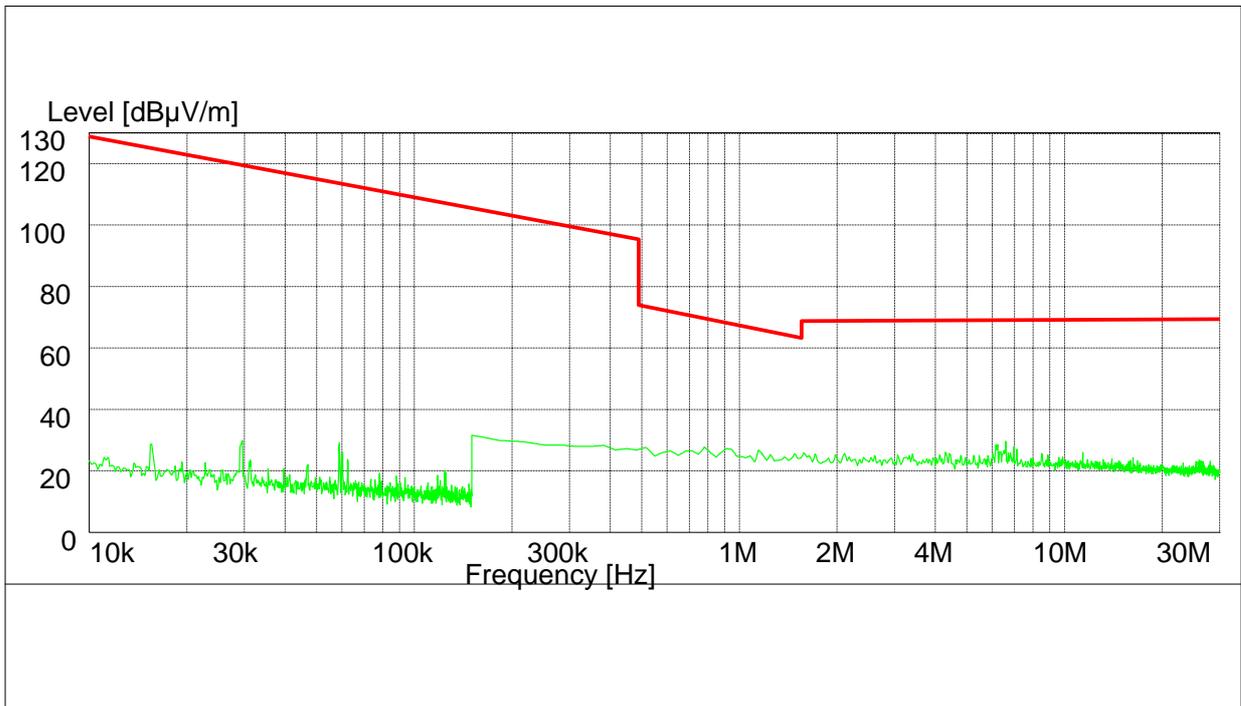
Radiated spurious emission & spurious in restricted band

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



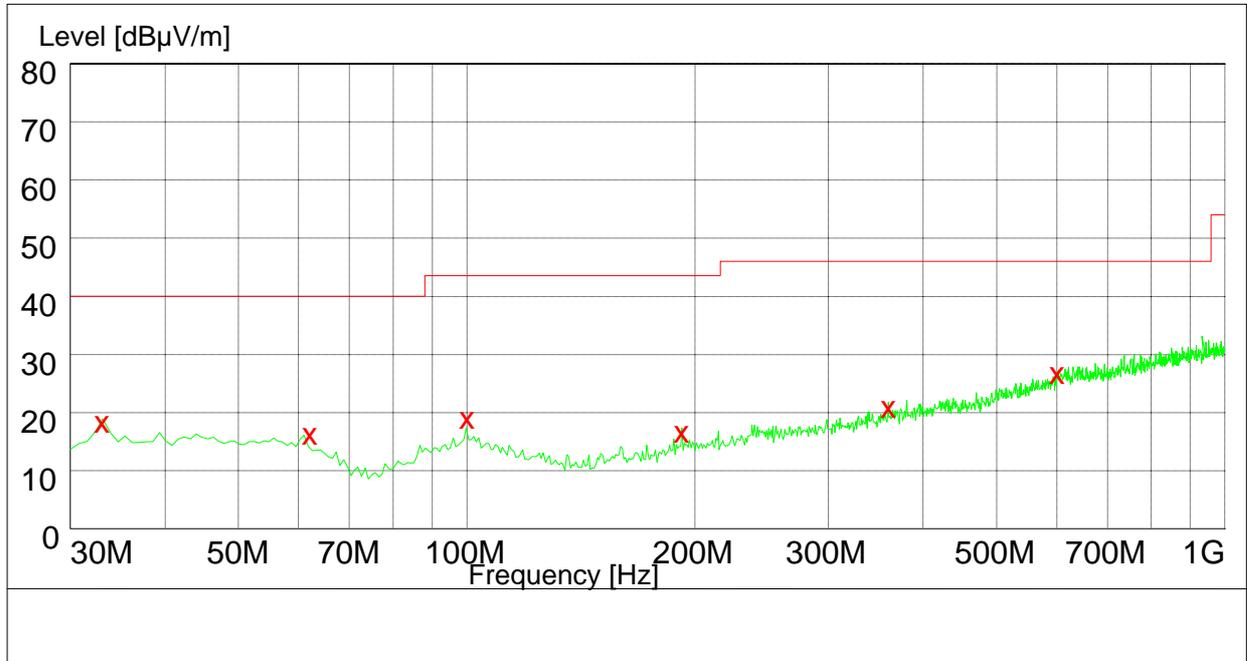
Note: This test was carried out in all the test modes, here only the worst test result was shown.

Channel 1 10kHz to 30MHz





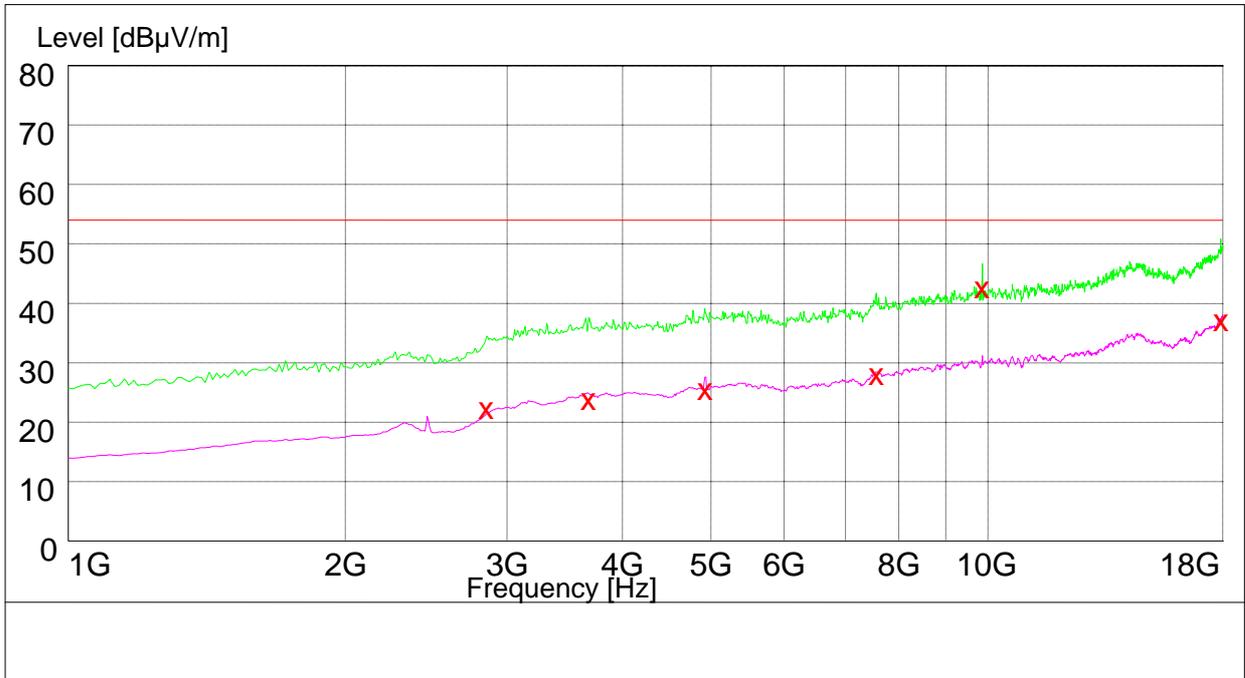
30MHz to 1GHz



Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Plarization
33.020000	20.00	11.8	40.0	20.0	124.0	254.00	VERTICAL
62.000000	17.90	10.4	40.0	22.1	142.0	245.00	VERTICAL
100.020000	20.70	13.1	43.5	22.8	100.0	19.00	HORIZONTAL
192.000000	18.20	11.9	43.5	24.8	123.0	214.00	VERTICAL
360.100000	20.70	17.3	46.0	25.3	121.0	19.00	VERTICAL
600.000000	25.70	22.5	46.0	20.3	102.0	128.00	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
2845.500000	21.10	-9.9	54.0	32.9	100.0	129.00	VERTICAL
3676.500000	24.40	-6.7	54.0	29.6	124.0	140.00	VERTICAL
4916.500000	25.40	-3.8	54.0	28.6	114.0	247.00	HORIZONTAL
7561.500000	27.90	1.6	54.0	26.1	127.0	133.00	VERTICAL
9848.000000	44.10	5.1	54.0	9.9	104.0	327.00	VERTICAL
17903.500000	36.70	16.7	54.0	17.3	108.0	174.00	VERTICAL

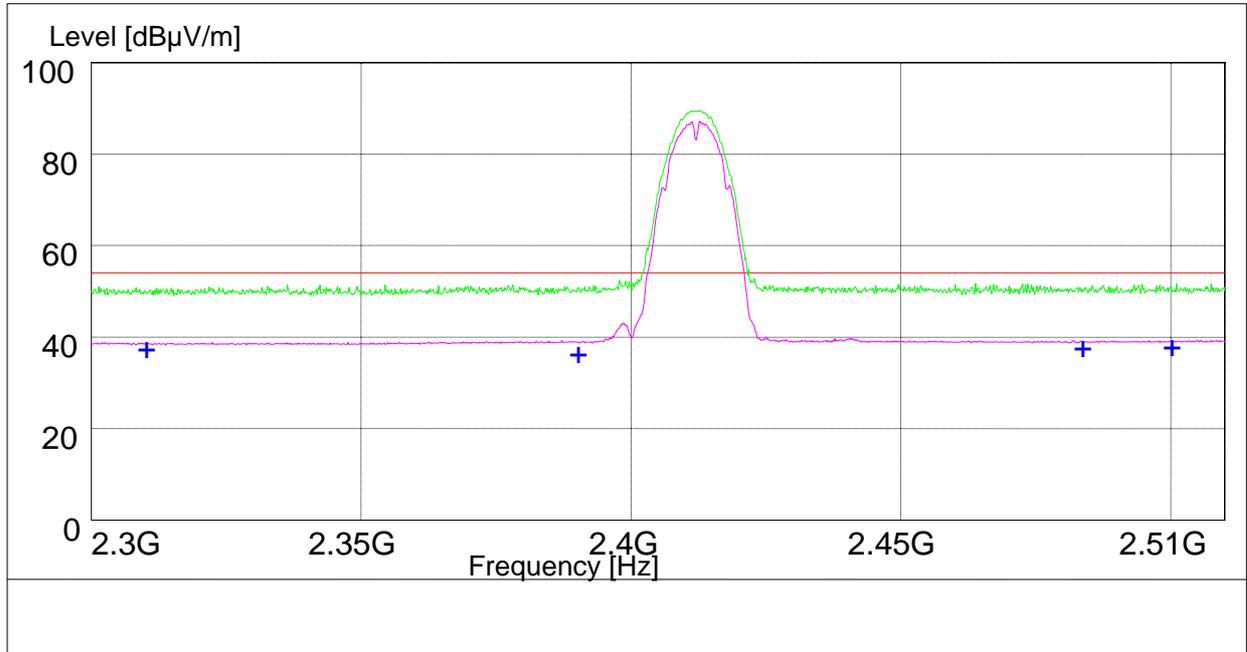


18GHz to 26GHz

Note: No peak found in pre- test.



2GHz to 3GHz

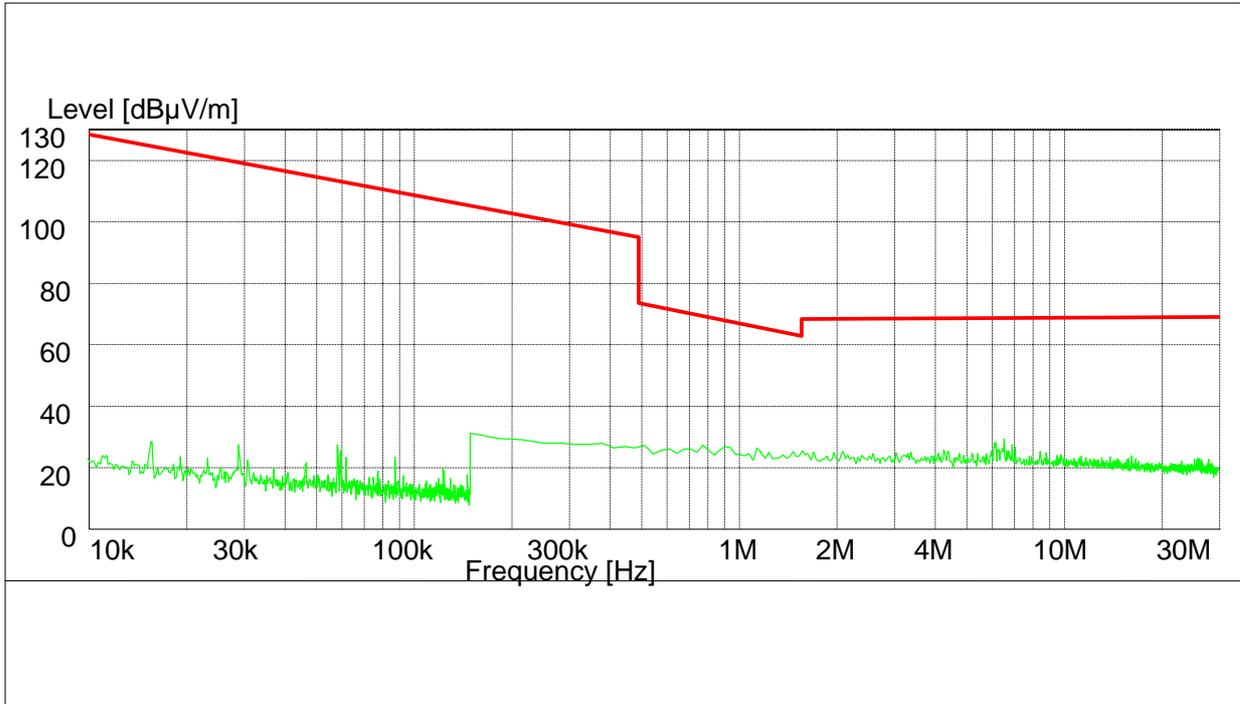


Note: The peak exceeds the limit line is carrier frequency.

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	124.0	114.00	VERTICAL
2390.000000	38.40	33.5	54.0	15.6	131.0	137.00	HORIZONTAL
2483.500000	38.60	33.7	54.0	15.4	102.0	147.00	VERTICAL
2500.000000	38.70	33.5	54.0	15.3	103.0	104.00	HORIZONTAL

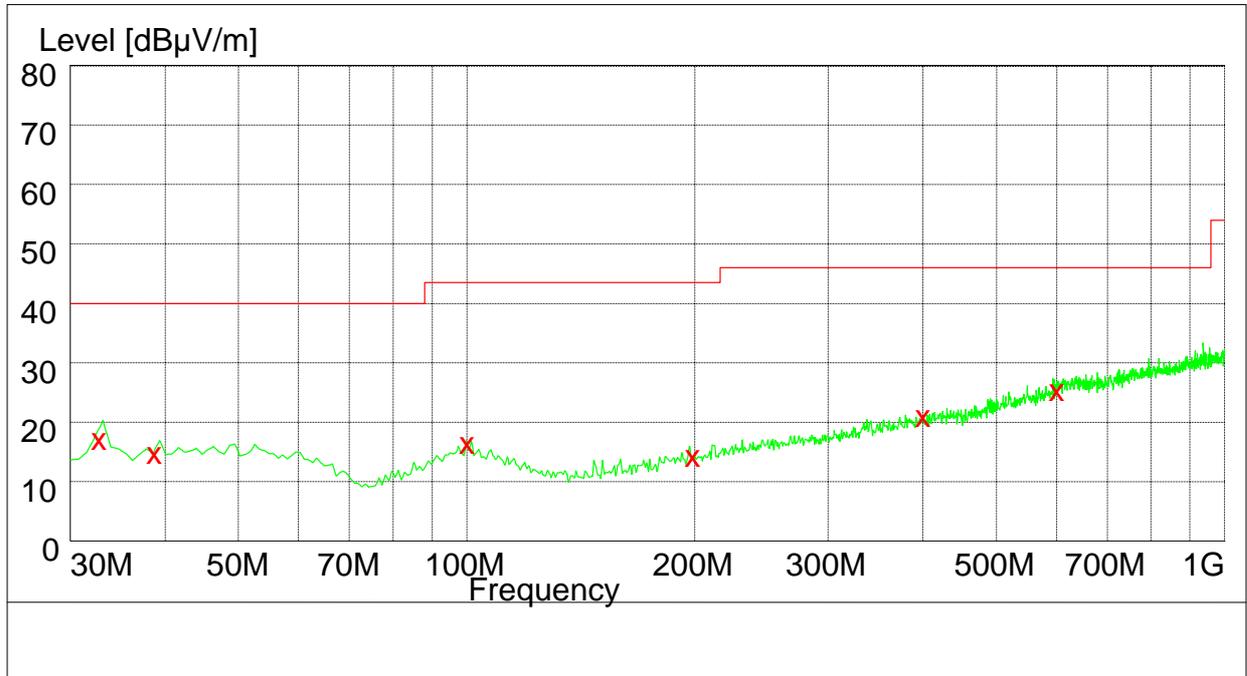


Channel 6 10 kHz to 30MHz





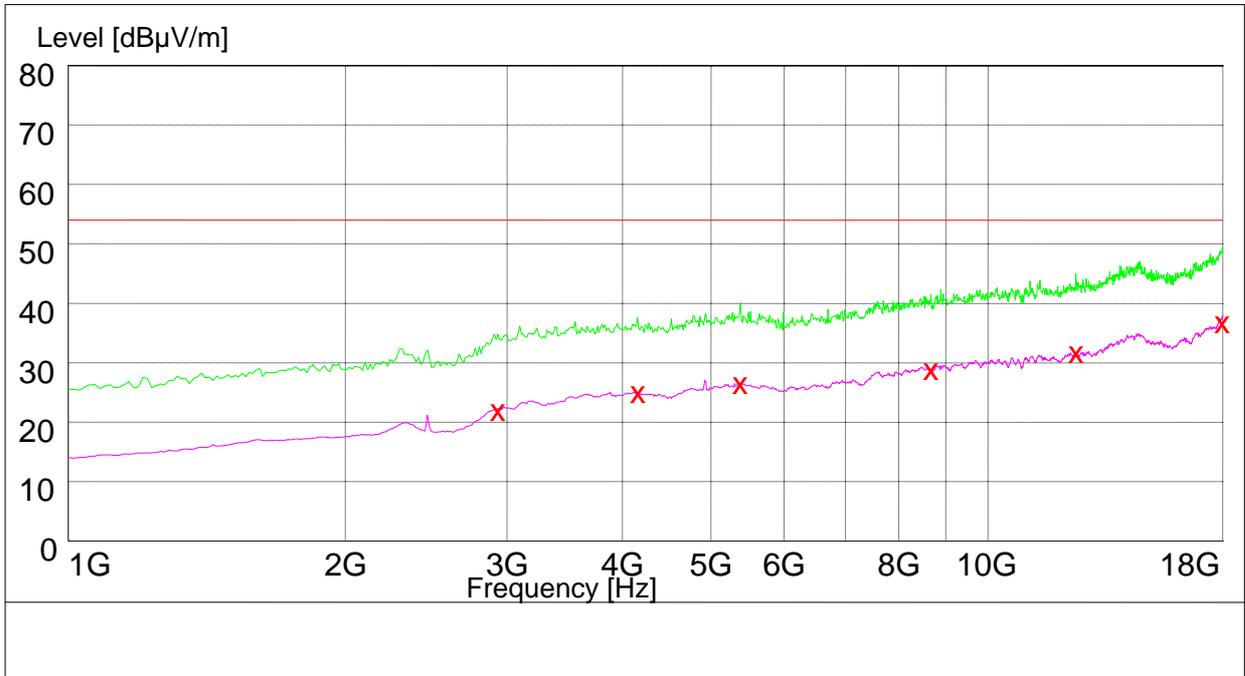
30MHz to 1GHz



Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
32.700000	18.60	11.7	40.0	21.4	100.0	322.00	HORIZONTAL
38.700000	15.60	11.7	40.0	24.4	124.0	145.00	VERTICAL
100.000000	17.80	13.1	43.5	25.7	105.0	330.00	HORIZONTAL
198.500000	15.80	12.1	43.5	27.7	114.0	301.00	HORIZONTAL
400.020000	20.80	18.1	46.0	25.2	132.0	130.00	VERTICAL
600.400000	26.80	22.5	46.0	19.2	125.0	124.00	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
2931.000000	22.10	-9.4	54.0	31.9	114.0	233.00	VERTICAL
4161.000000	24.60	-5.6	54.0	29.4	145.0	114.00	HORIZONTAL
5376.000000	26.00	-2.5	54.0	28.0	102.0	315.00	VERTICAL
8669.000000	28.40	3.3	54.0	25.6	107.0	0.00	HORIZONTAL
12459.500000	30.90	7.9	54.0	23.1	118.0	254.00	VERTICAL
17979.500000	37.20	17.2	54.0	16.8	100.0	315.00	HORIZONTAL



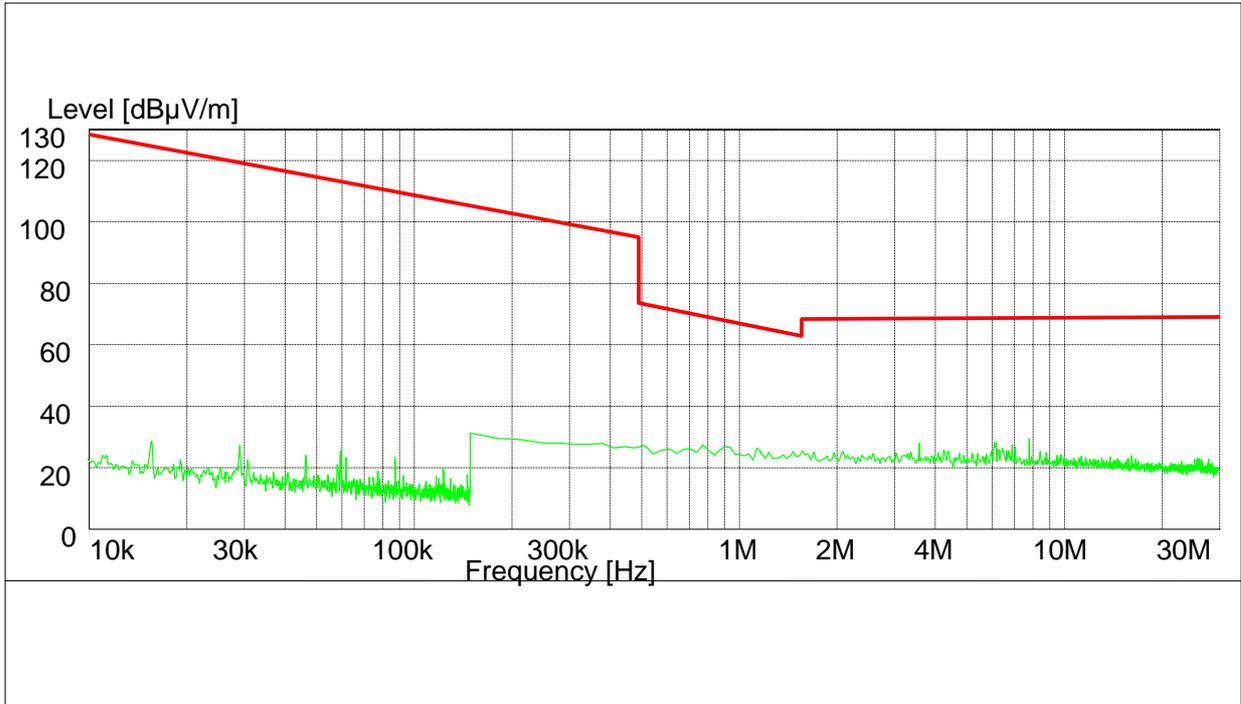
18GHz to 26GHz

Note: No peak found in pre- test.



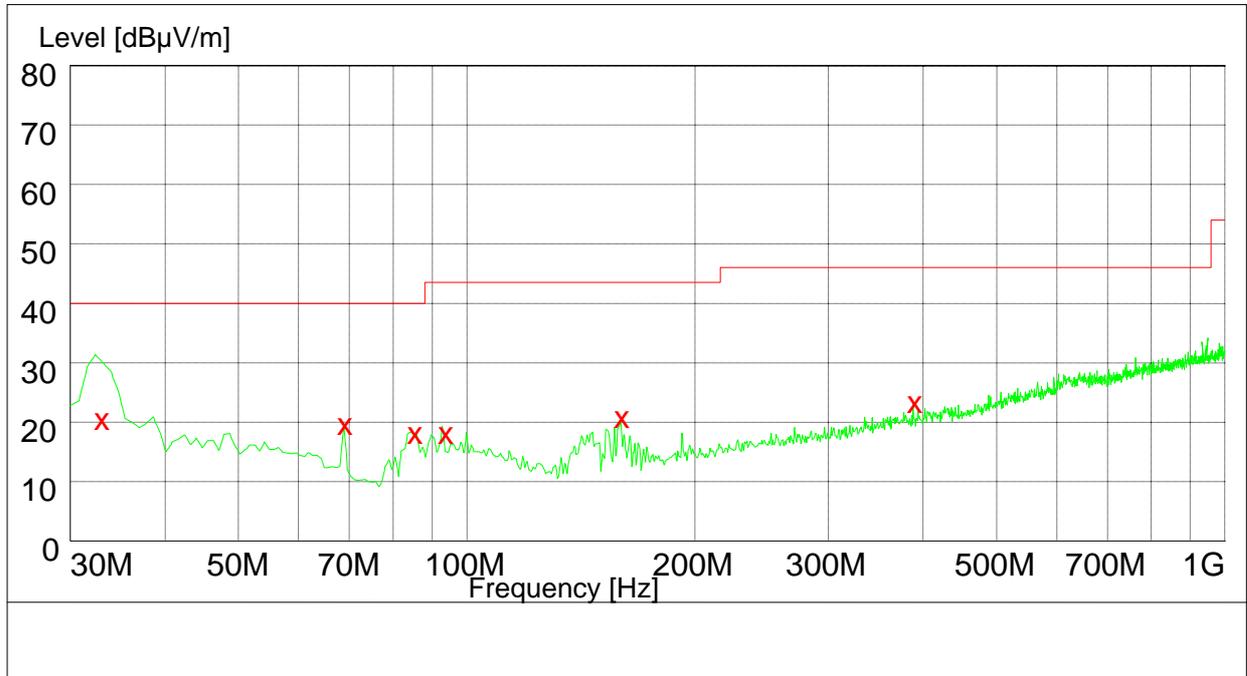
Channel 11

10 kHz to 30 MHz





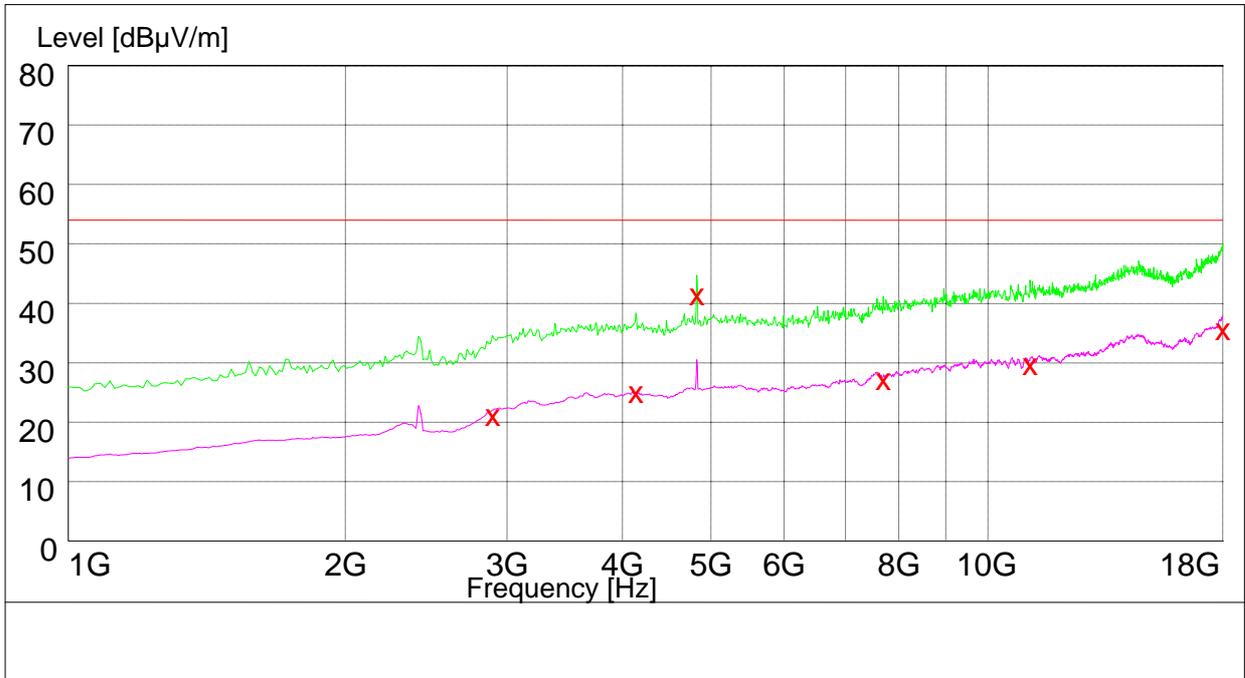
30MHz to 1GHz



Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
33.000000	20.50	11.7	40.0	19.5	100.0	355.00	VERTICAL
69.000000	20.00	8.4	40.0	20.0	124.0	345.00	HORIZONTAL
85.500000	18.50	10.2	40.0	21.5	107.0	310.00	HORIZONTAL
93.800000	19.70	12.8	43.5	23.8	114.0	301.00	HORIZONTAL
160.300000	20.40	9.6	43.5	23.1	124.0	124.00	VERTICAL
390.000000	22.50	17.7	46.0	23.5	174.0	123.00	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
2893.500000	21.90	-9.6	54.0	32.1	100.0	322.00	HORIZONTAL
4145.000000	24.70	-5.7	54.0	29.3	112.0	323.00	HORIZONTAL
4824.000000	41.10	-4.1	54.0	12.9	102.0	320.00	VERTICAL
7696.000000	27.60	1.7	54.0	26.4	101.0	242.00	HORIZONTAL
11111.000000	30.20	6.9	54.0	23.8	114.0	167.00	HORIZONTAL
17992.000000	37.10	17.3	54.0	16.9	118.0	70.00	VERTICAL

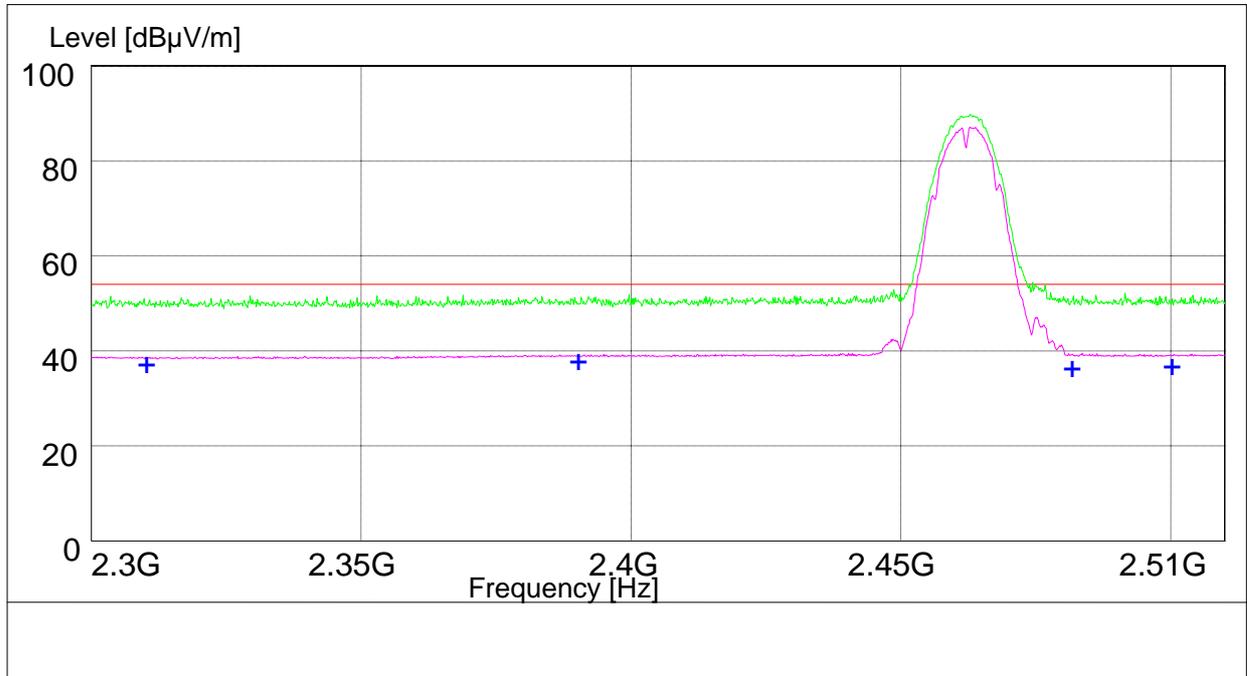


18GHz to 26GHz

Note: No peak found in pre- test.



2GHz to 3GHz



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

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2310.000000	38.40	33.3	54.0	15.6	152.0	214.00	VERTICAL
2390.000000	38.50	33.5	54.0	15.5	124.0	257.00	HORIZONTAL
2483.500000	38.40	33.7	54.0	15.6	102.0	236.00	VERTICAL
2500.000000	38.80	33.8	54.0	15.2	124.0	136.00	VERTICAL



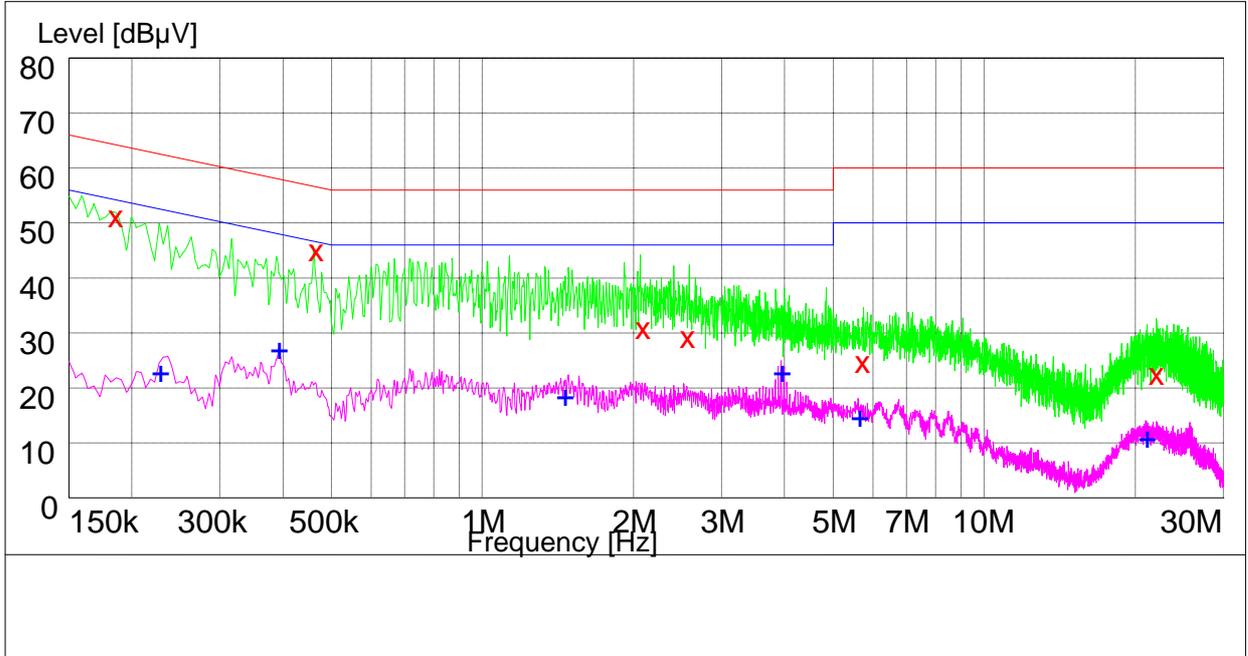
Appendix G

Conducted Emission at Power Port

According to FCC Part 15.207



Channel 6



MEASUREMENT RESULT: QP Detector

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Line	PE
0.180000	49.80	10.1	64	14.2	N	FLO
0.466000	42.20	10.1	57	14.8	N	FLO
2.086000	32.60	10.1	56	23.4	N	FLO
2.560000	31.00	10.1	56	25.0	N	FLO
5.818000	26.50	10.2	60	33.5	N	FLO
21.060000	24.20	10.4	60	35.8	L1	FLO

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Line	PE
0.228000	24.70	10.0	52	27.3	N	FLO
0.392000	27.80	10.0	48	20.2	N	FLO
1.456000	20.40	10.1	46	25.6	N	FLO
3.938000	24.60	10.2	46	21.4	N	FLO
5.632000	16.50	10.2	50	33.5	N	FLO
21.004000	12.60	10.4	50	37.4	L1	FLO