



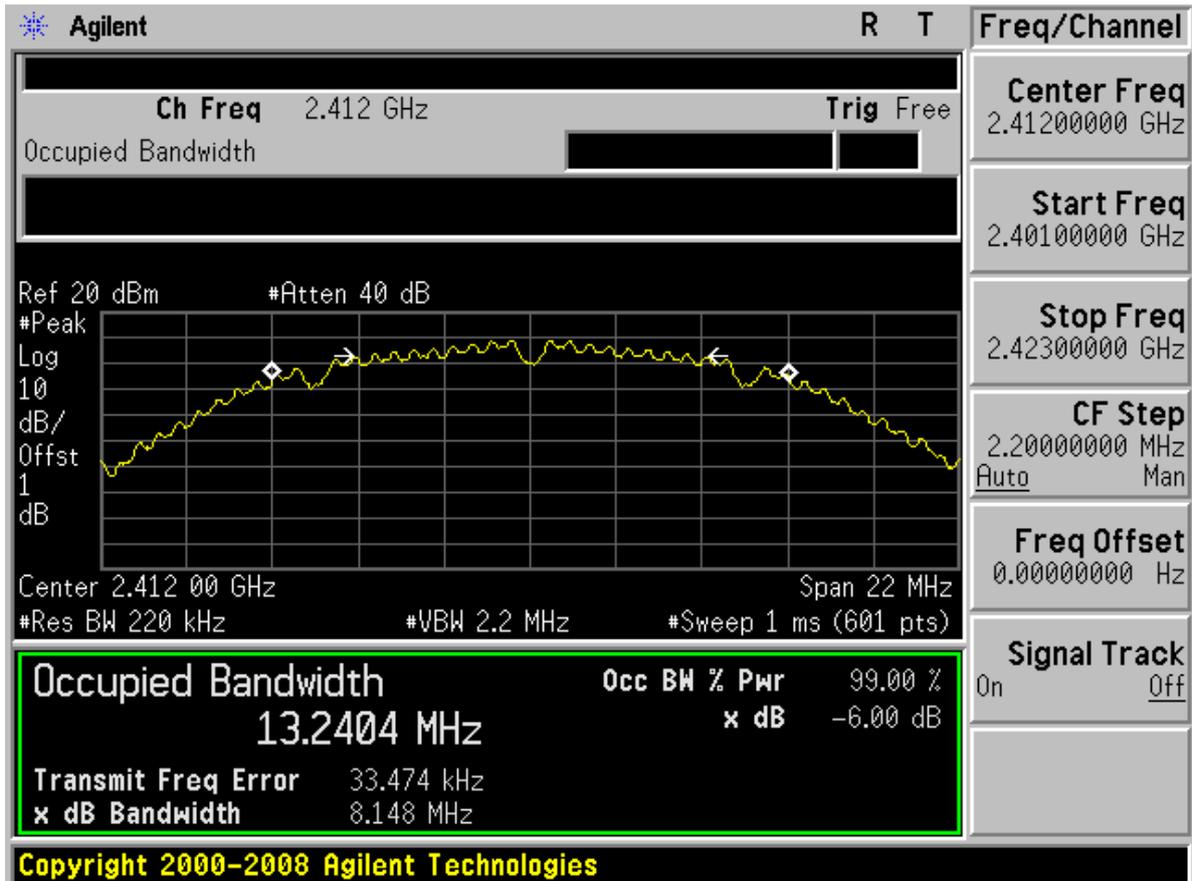
Appendix A

6dB bandwidth measurement

According to FCC Part 15.247 (a) (2)

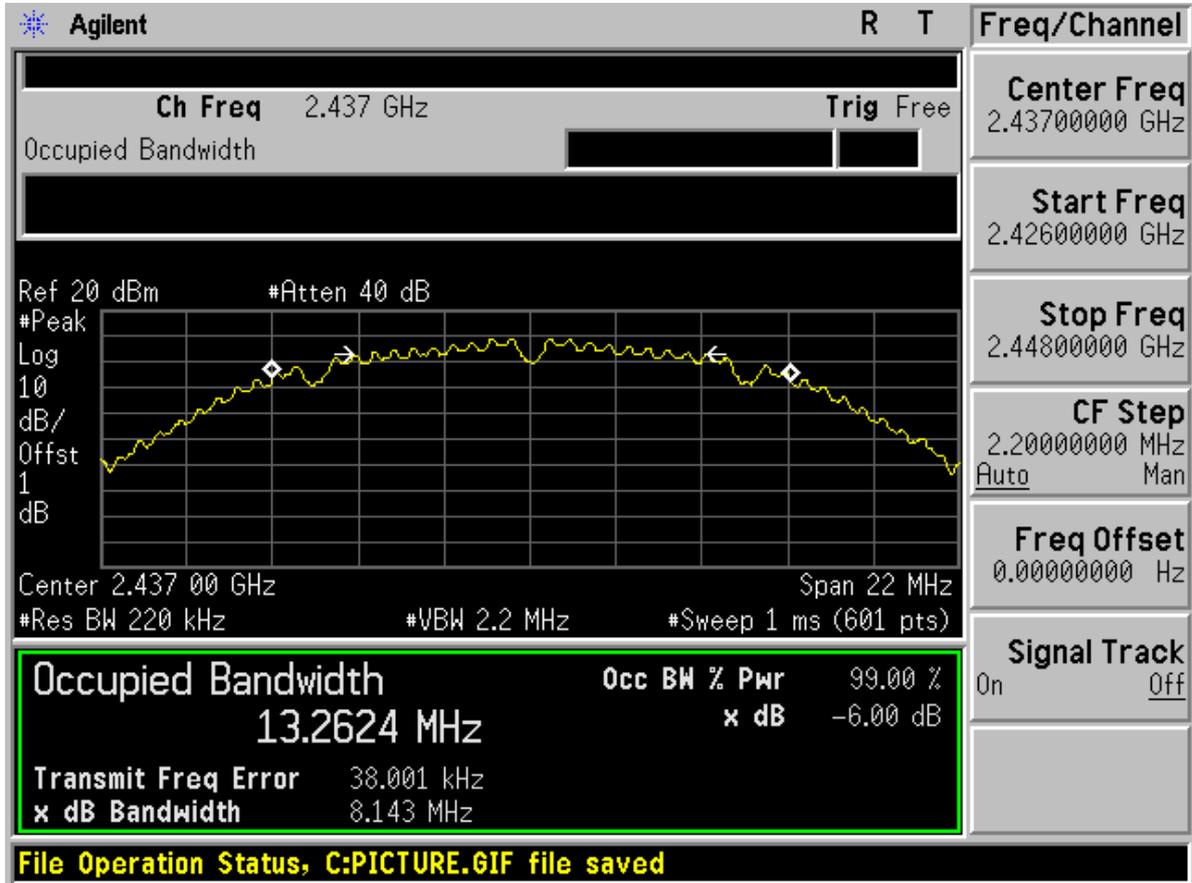


TM1 Channel 1 (2412MHz)



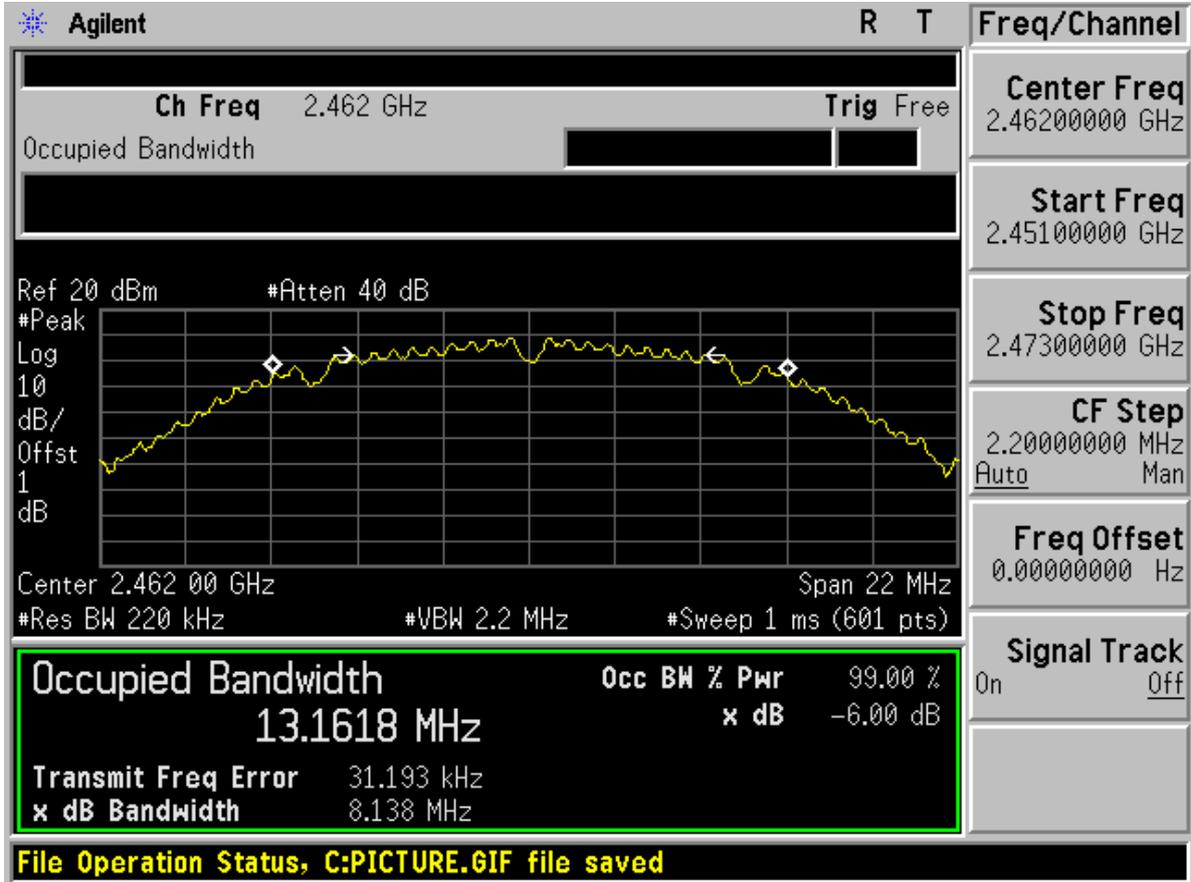


Channel 6 (2437MHz)



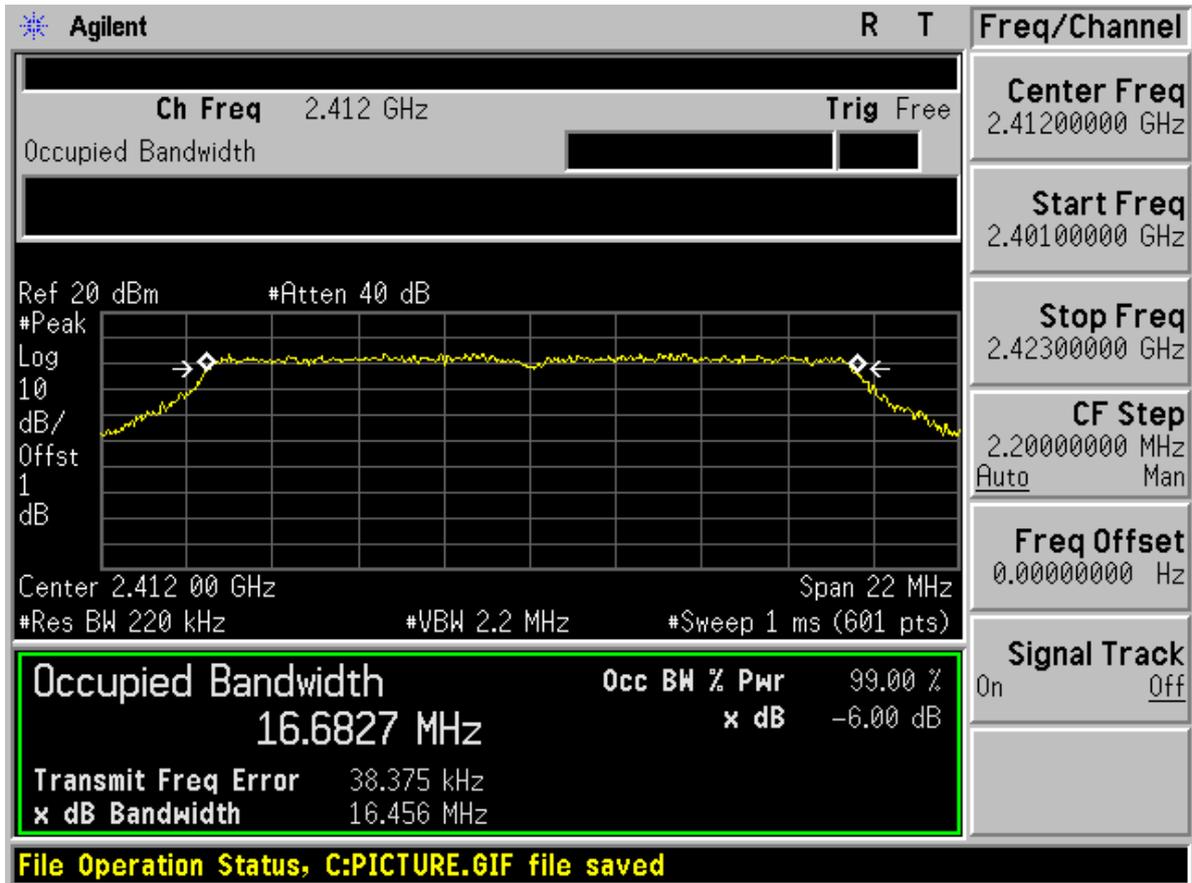


Channel 11 (2462MHz)



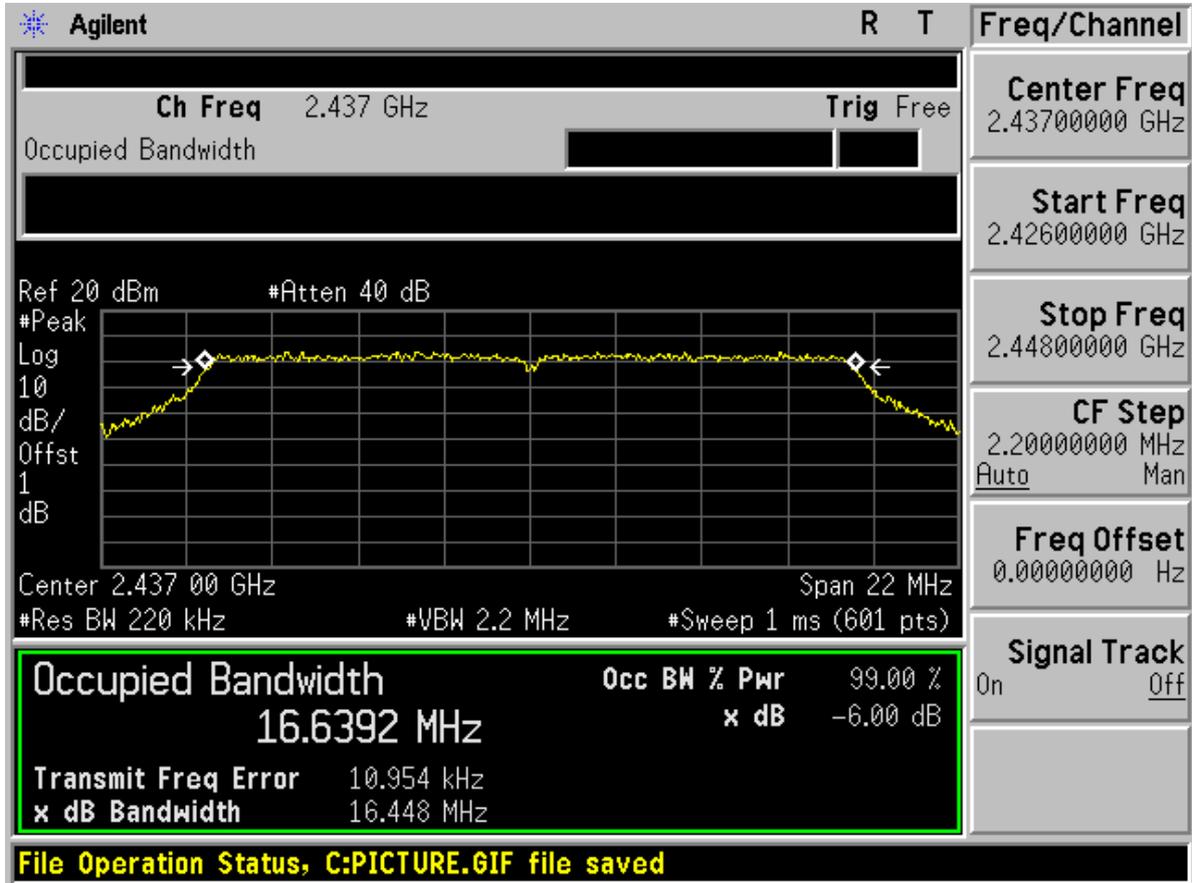


TM2 Channel 1 (2412MHz)



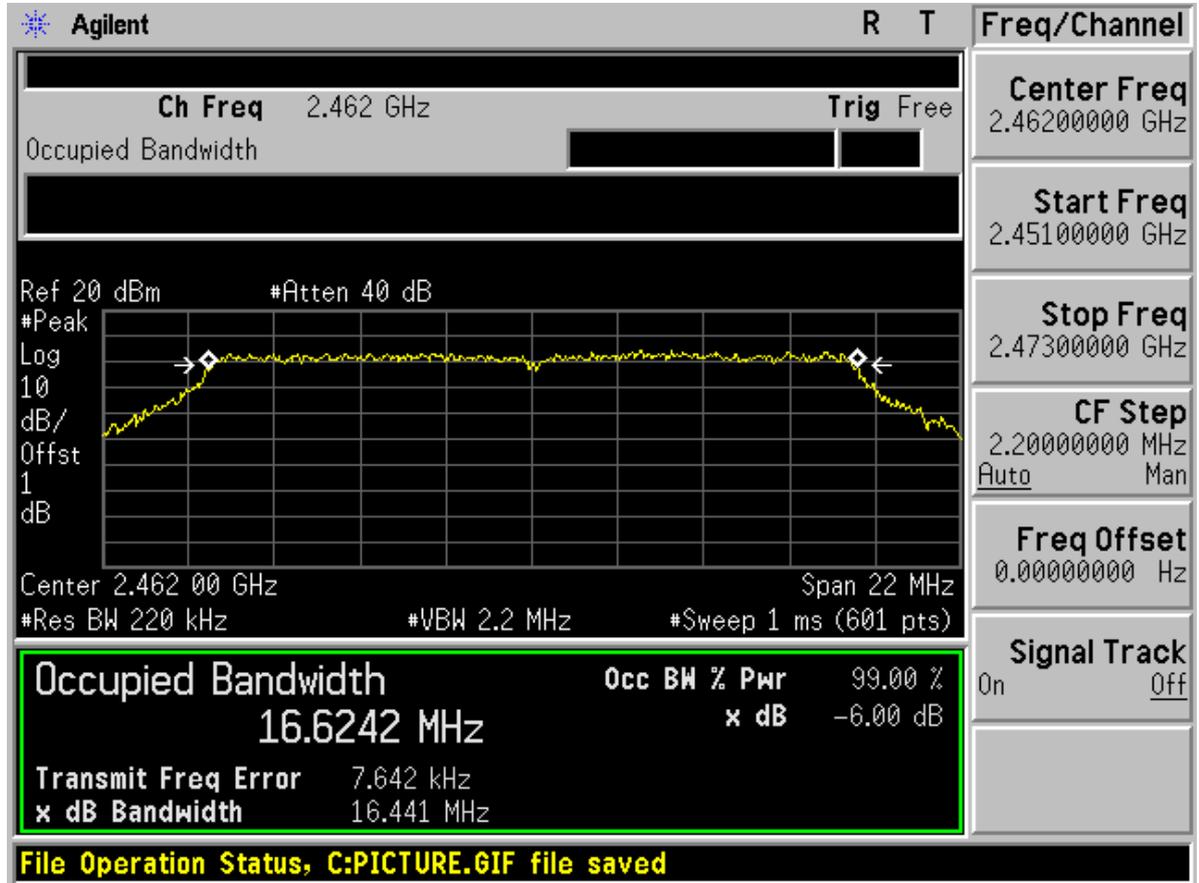


Channel 6 (2437MHz)



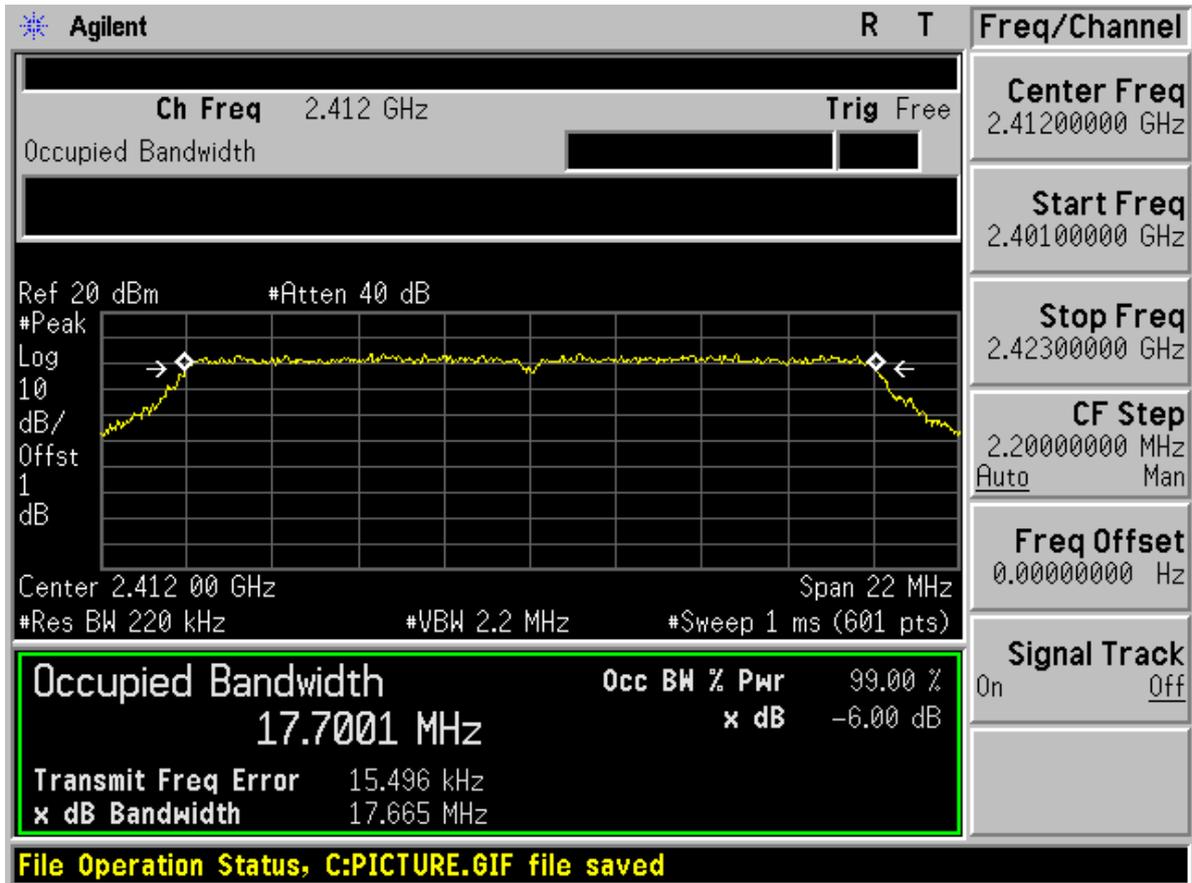


Channel 11 (2462MHz)



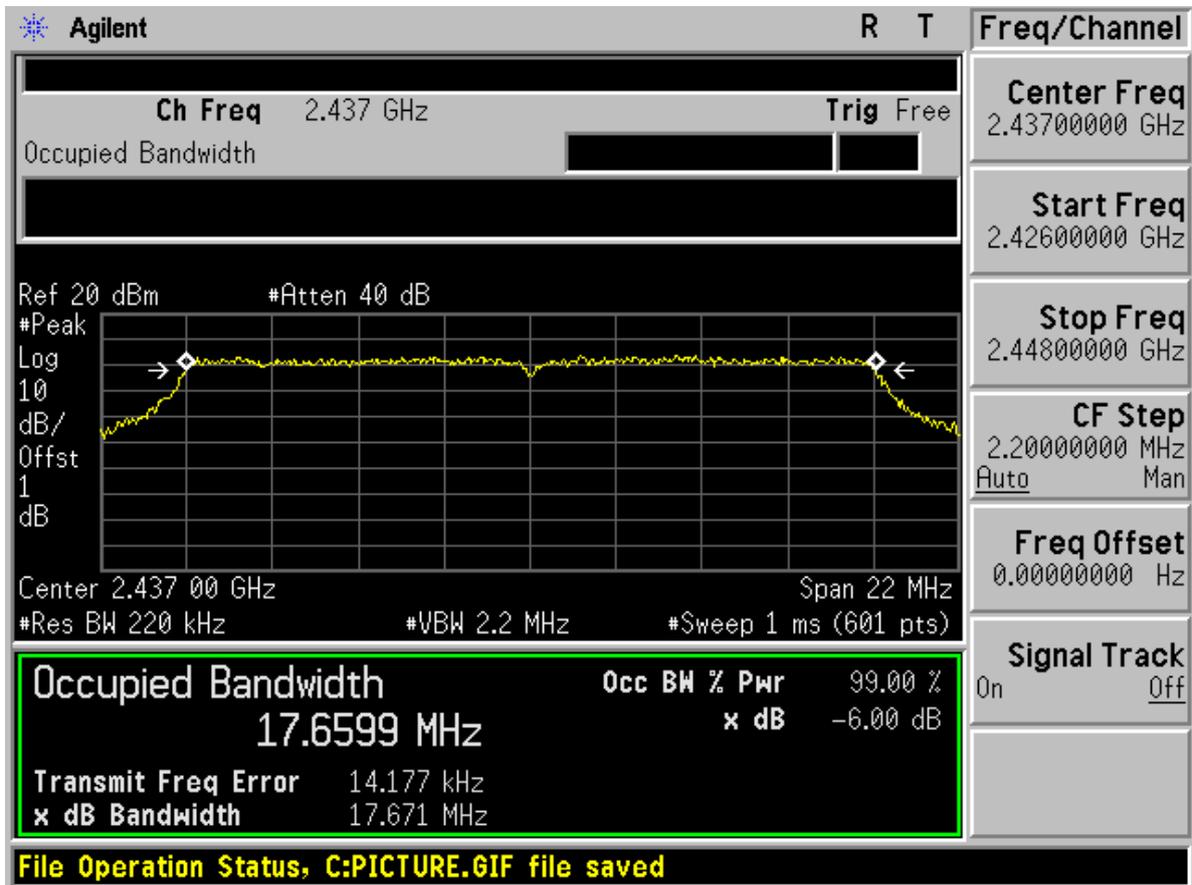


TM3 Channel 1 (2412MHz)





Channel 6 (2437MHz)





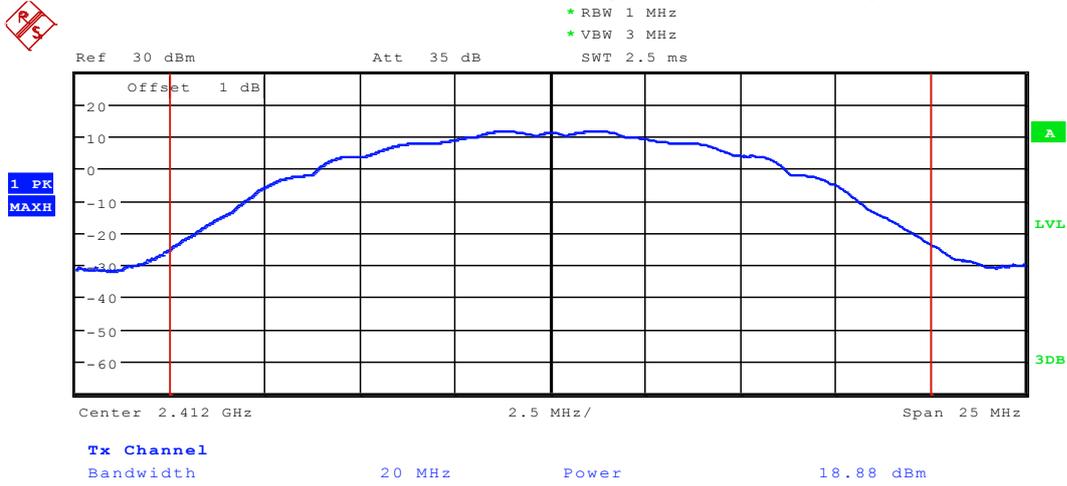
Appendix B

Conducted Peak output power

According to FCC Part 15.247 (b) (3)

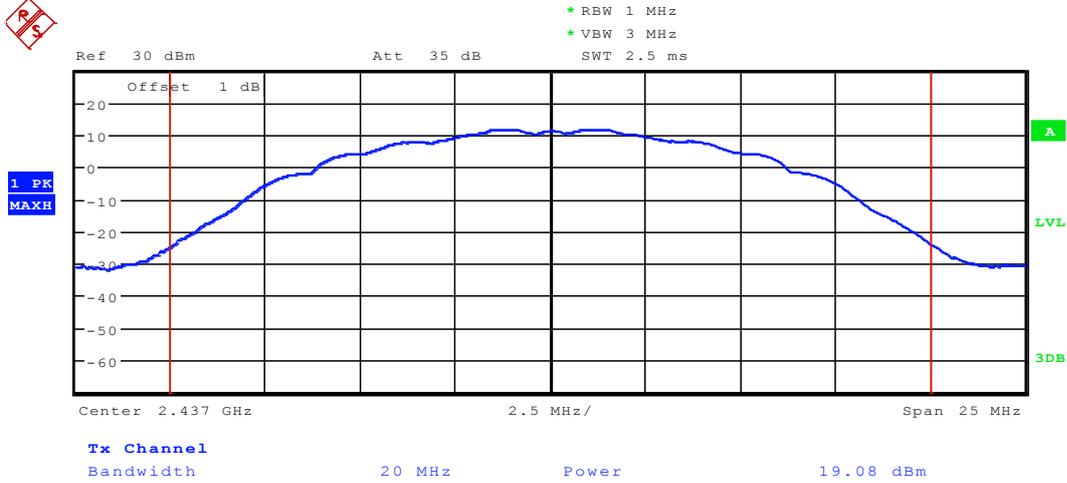


TM1 Channel 1 (2412MHz)



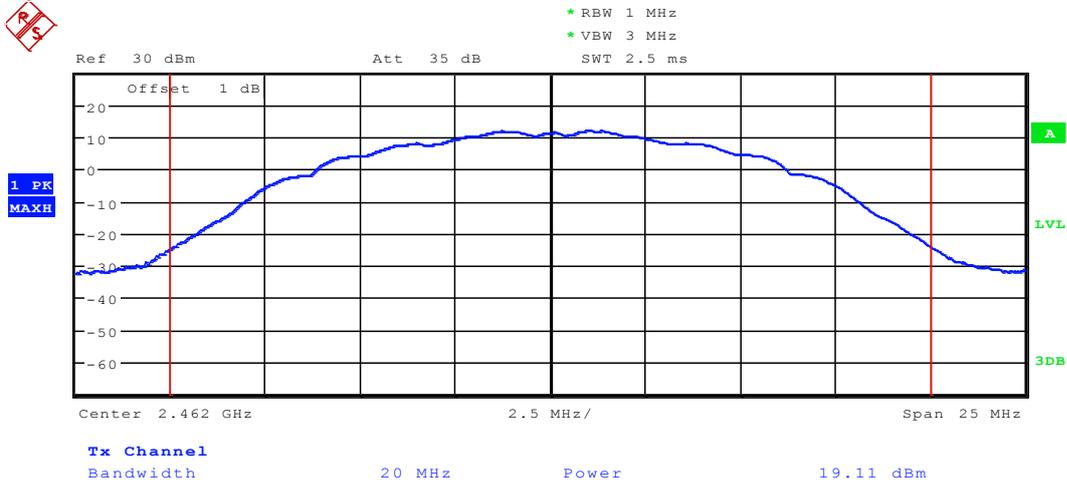


Channel 6 (2437MHz)



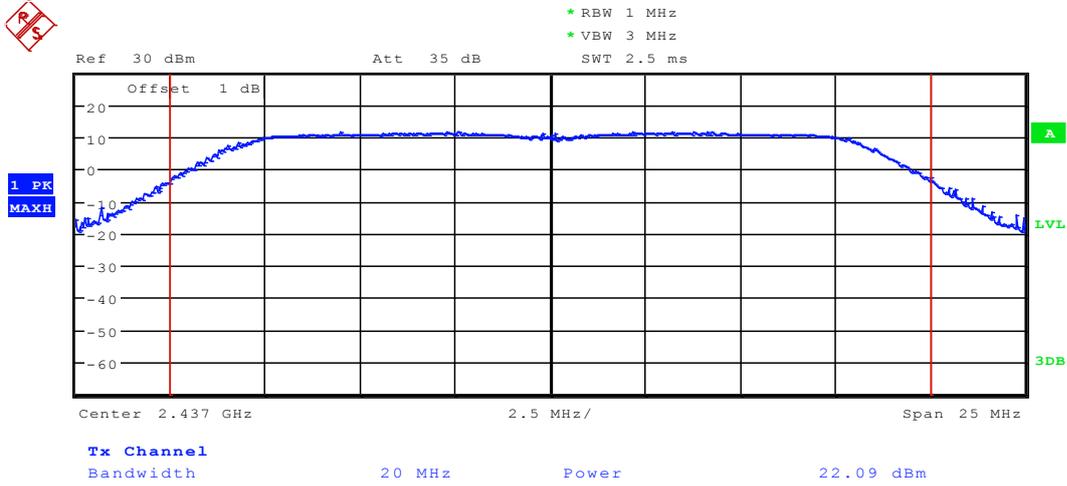


Channel 11 (2462MHz)



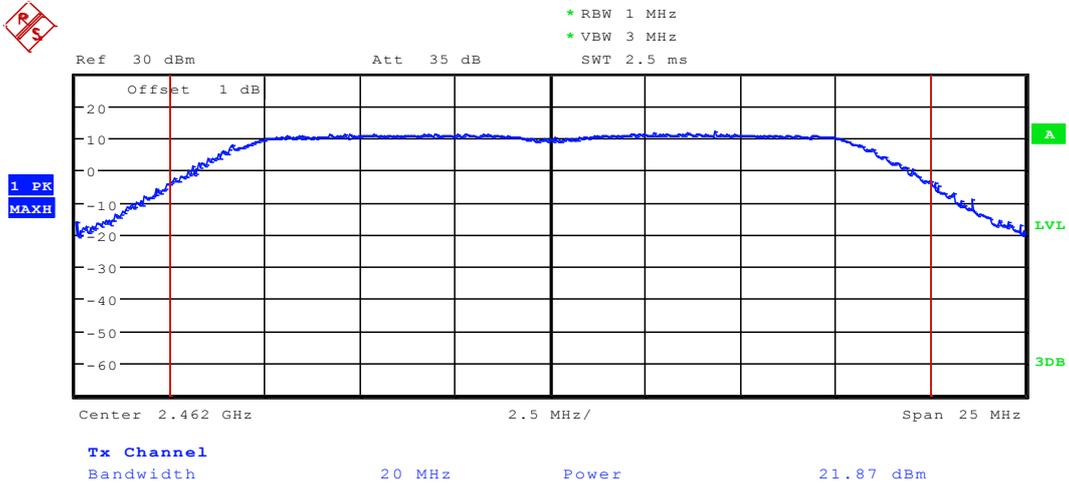


Channel 6 (2437MHz)



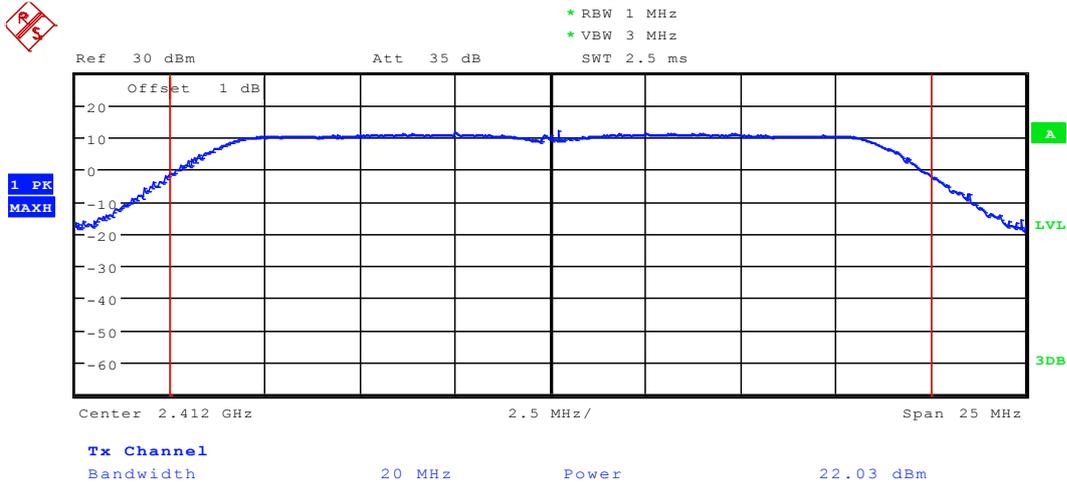


Channel 11 (2462MHz)



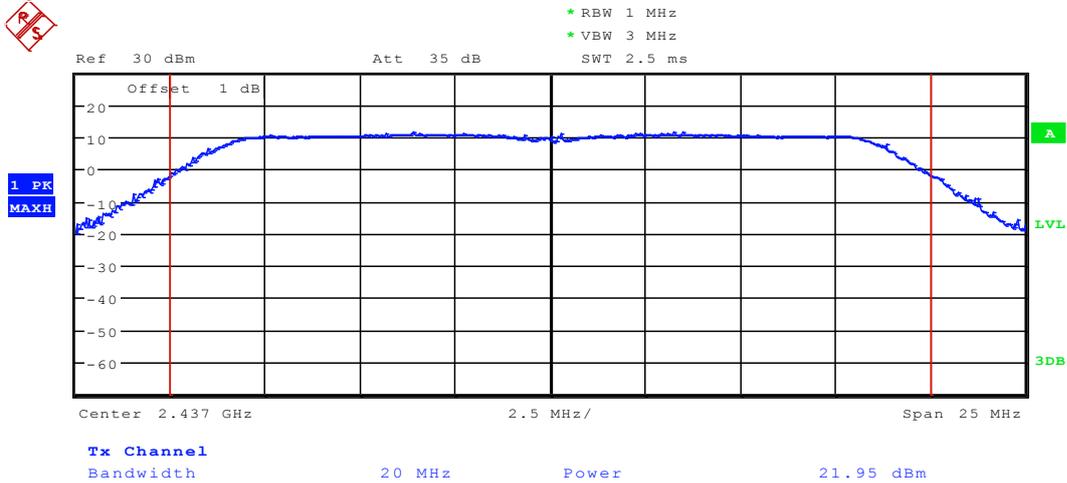


TM3 Channel 1 (2412MHz)



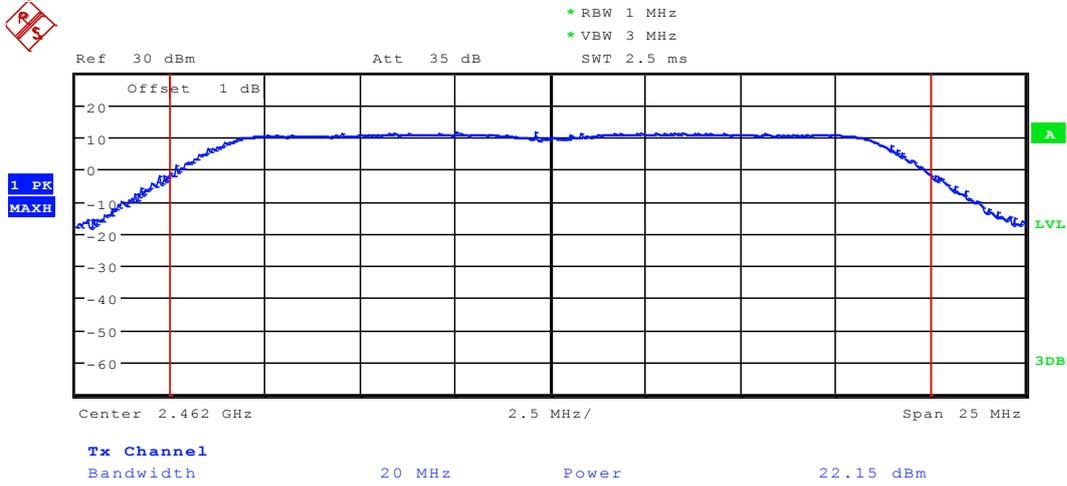


Channel 6 (2437MHz)





Channel 11 (2462MHz)



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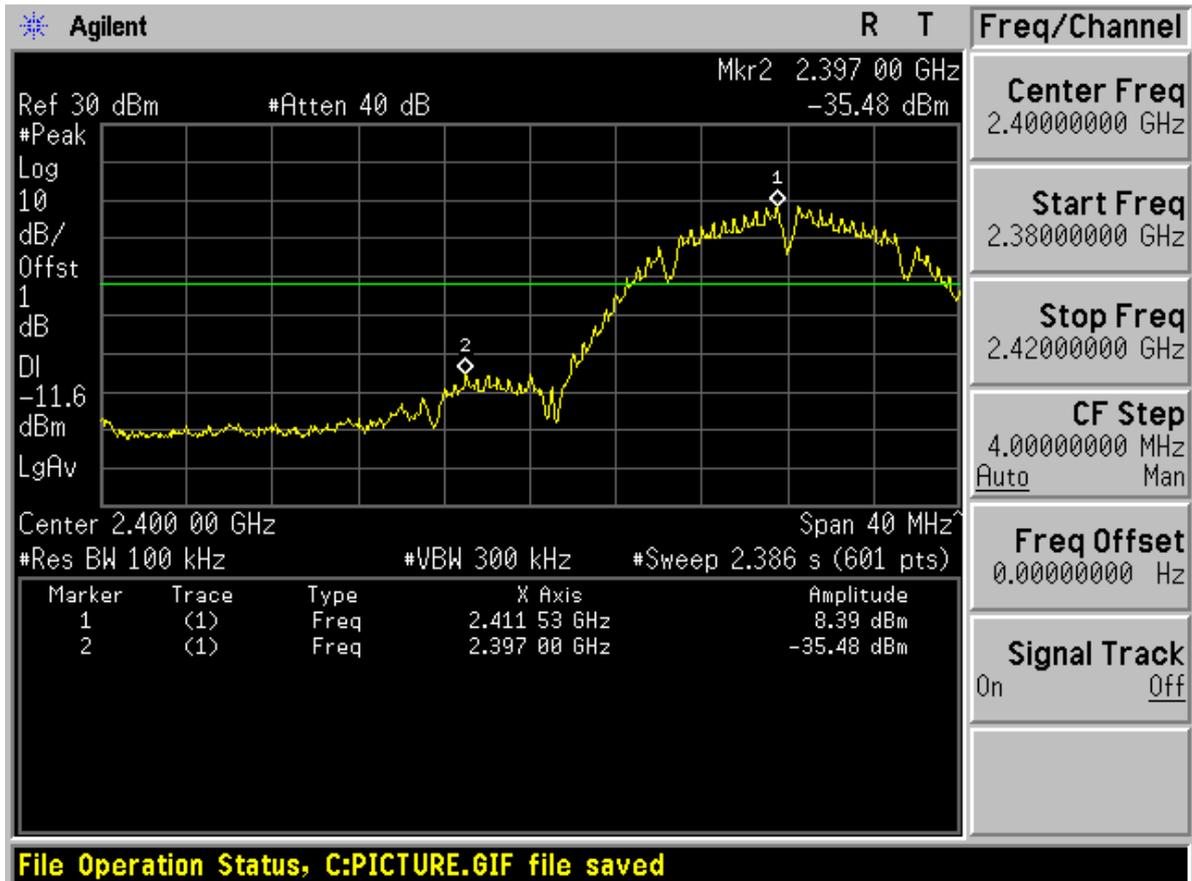
Appendix C

Band edge spurious emission

According to FCC Part 15.247 (d)

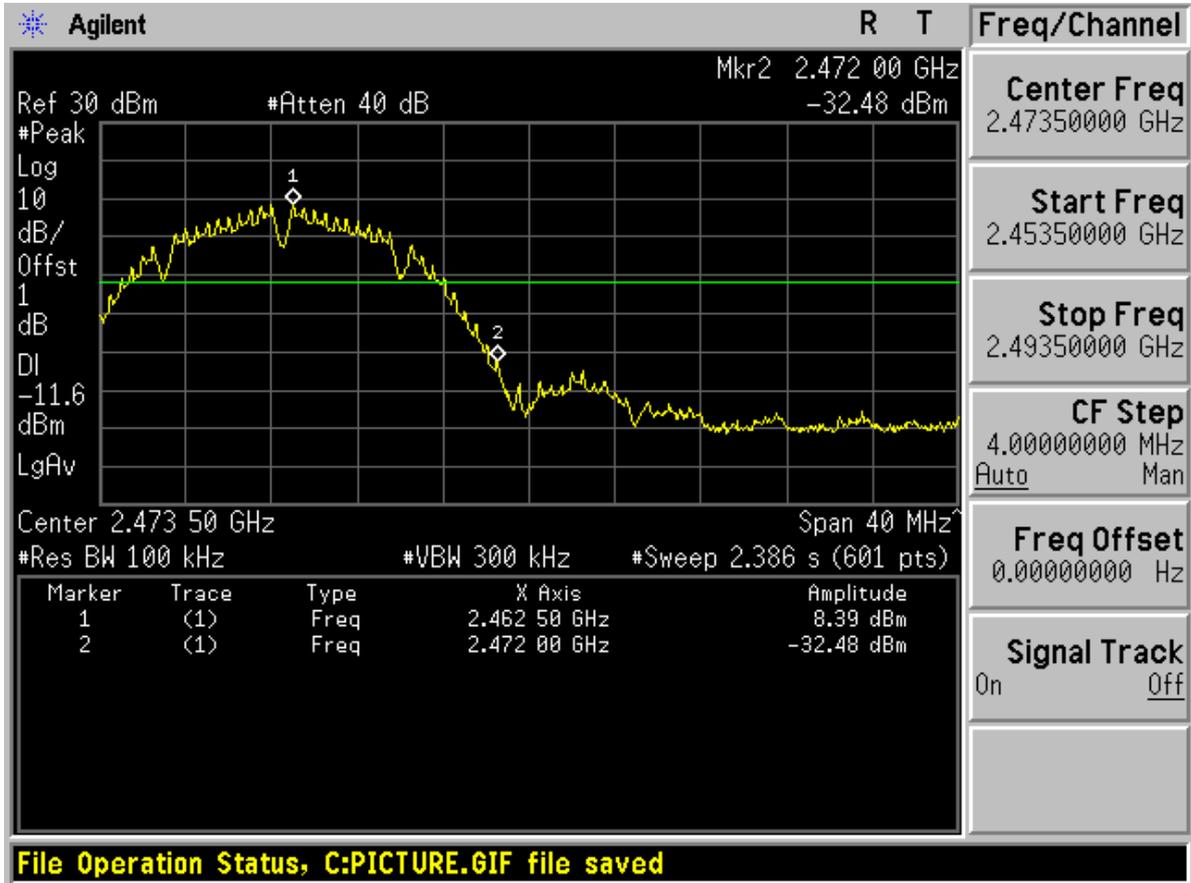


TM1 Low edge



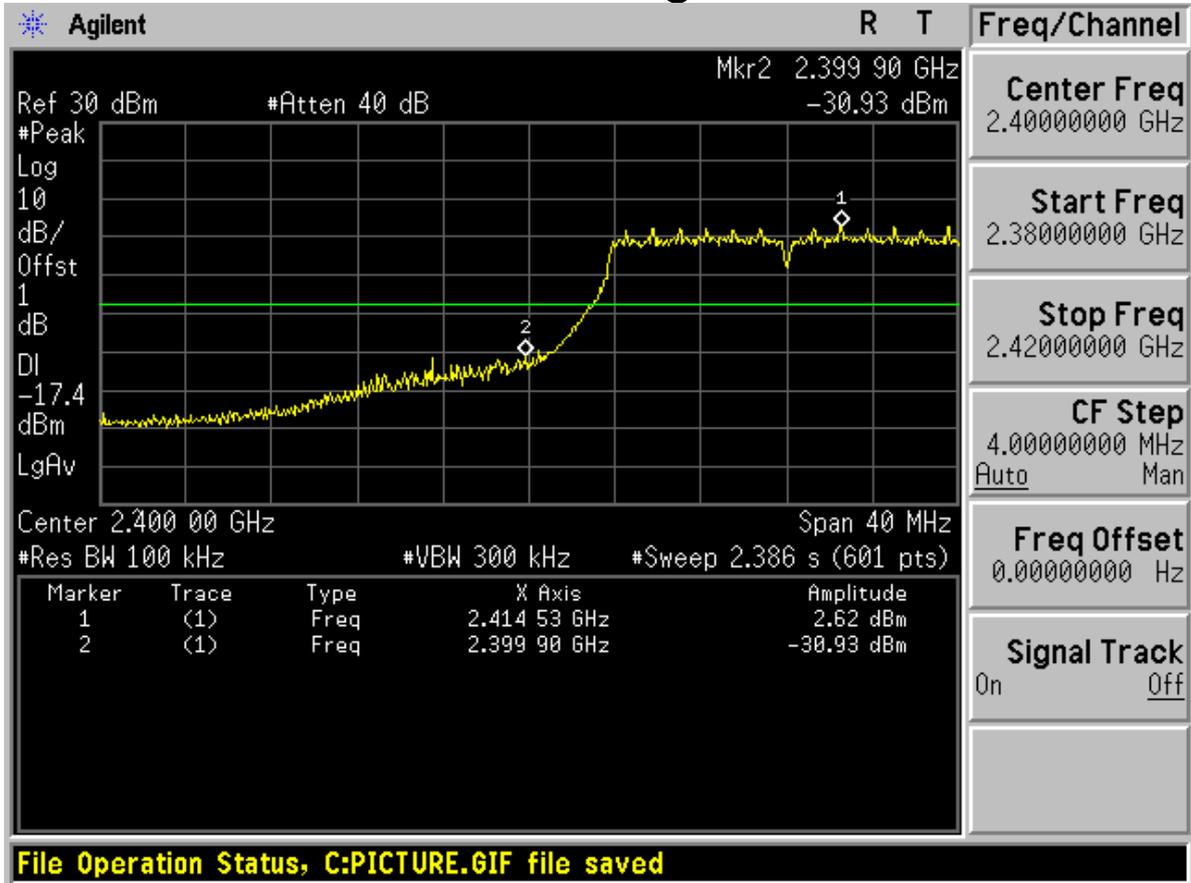


High edge



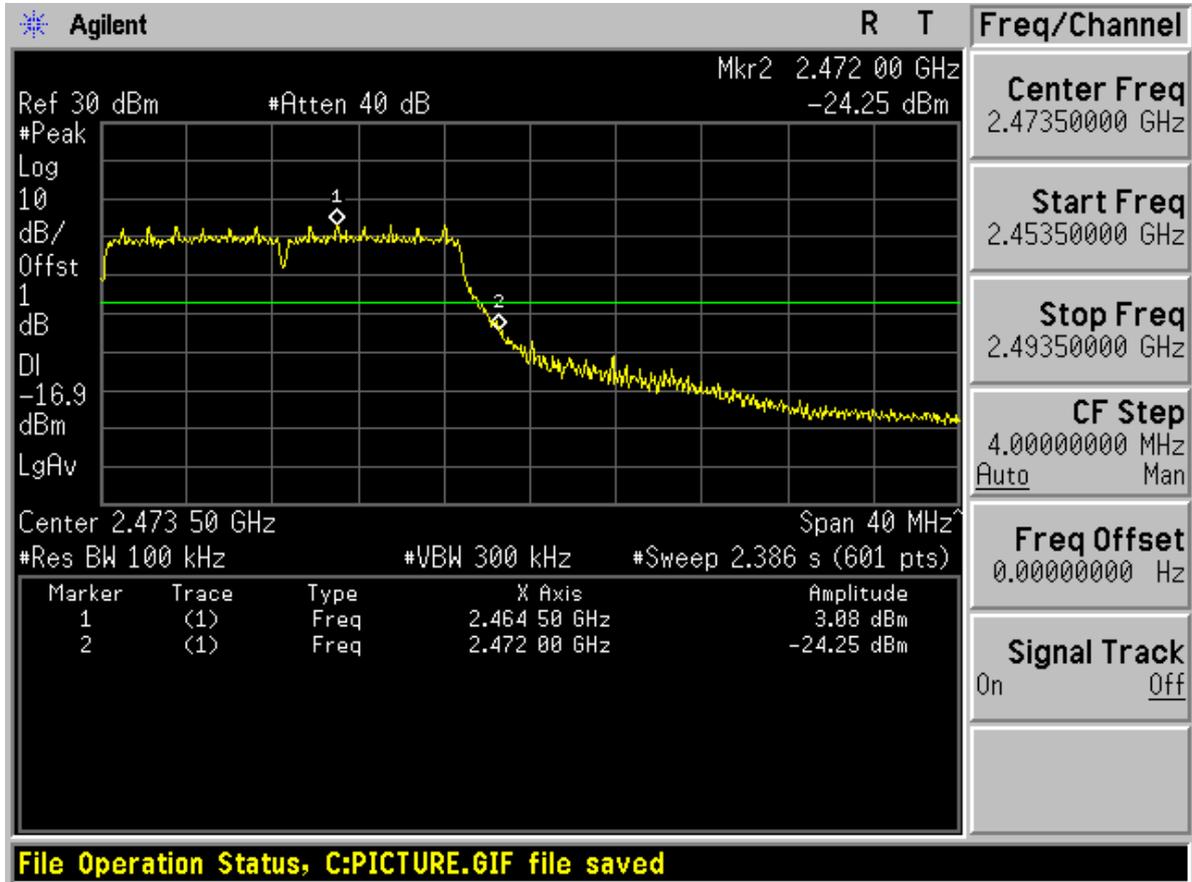


TM2 Low edge





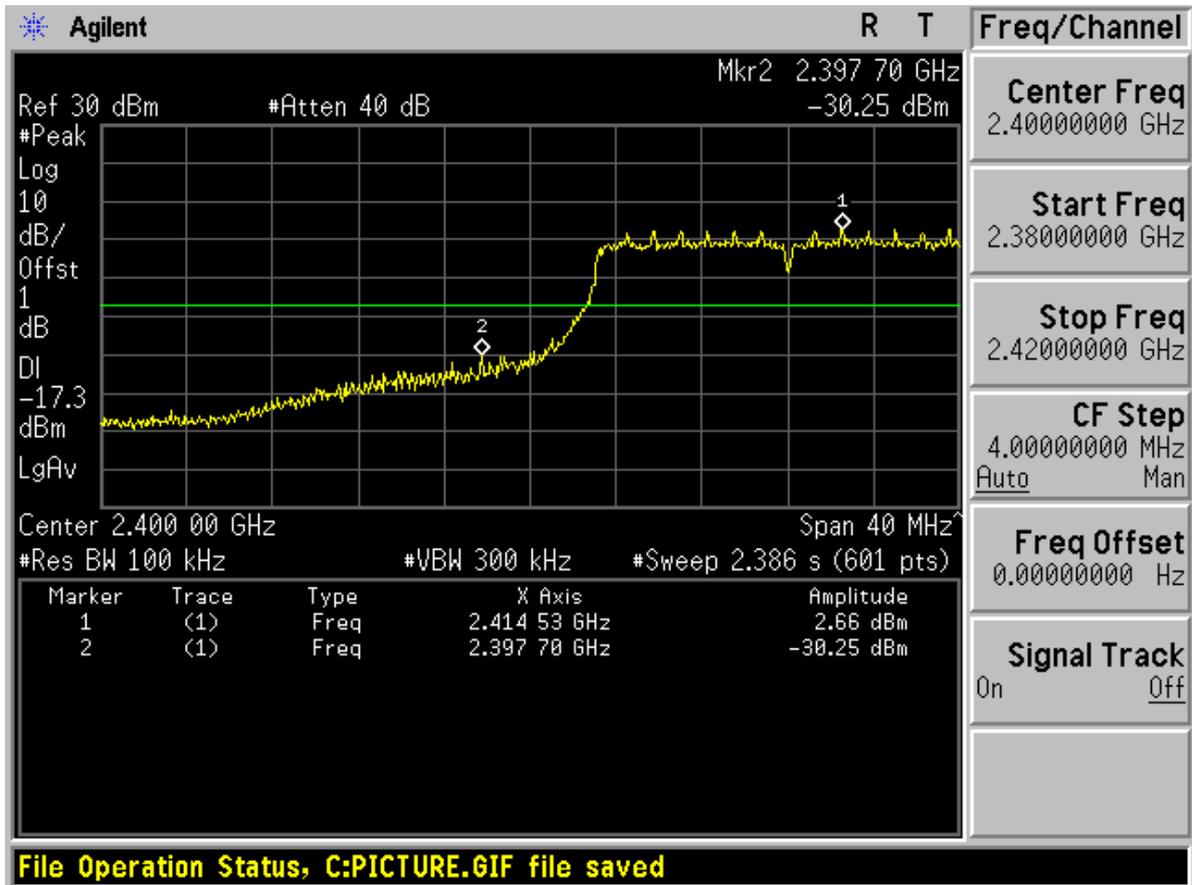
High edge





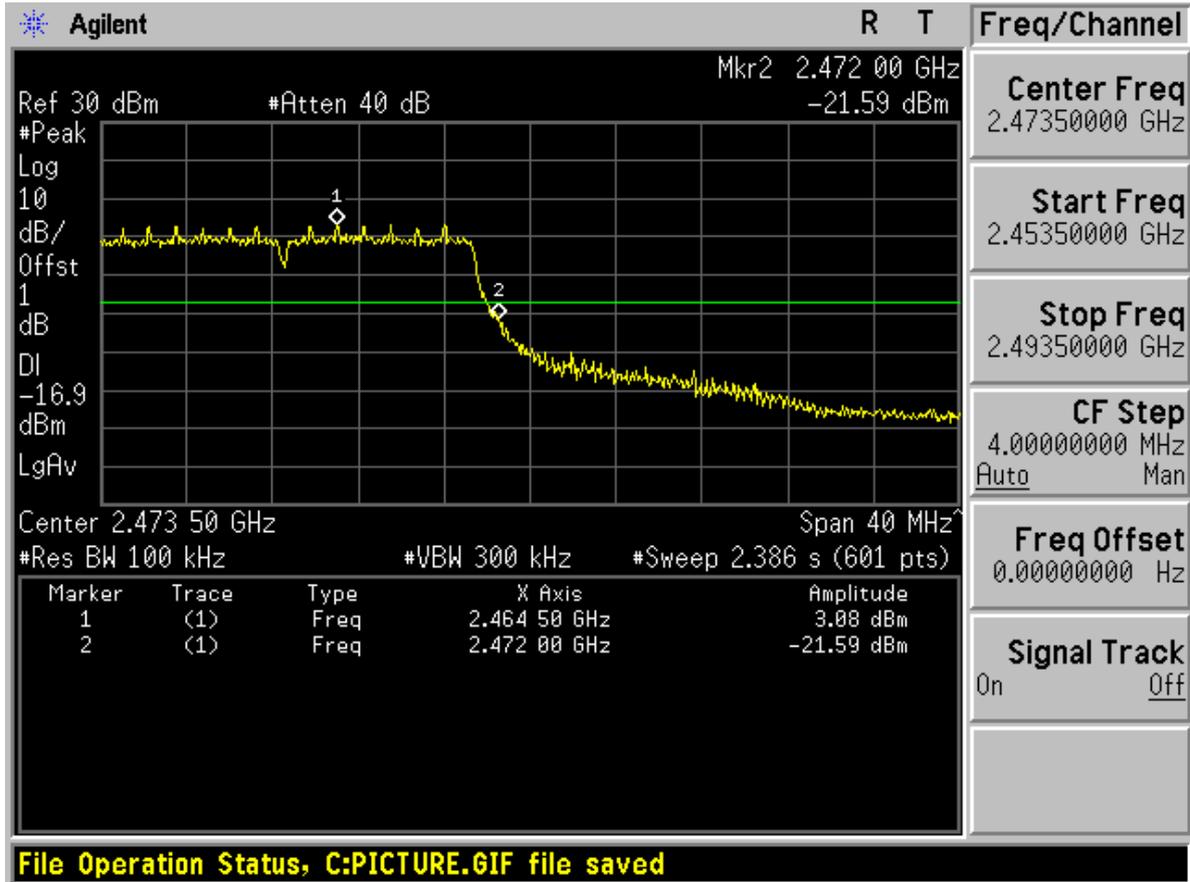
TM3

Low edge





High edge



-----THE END-----



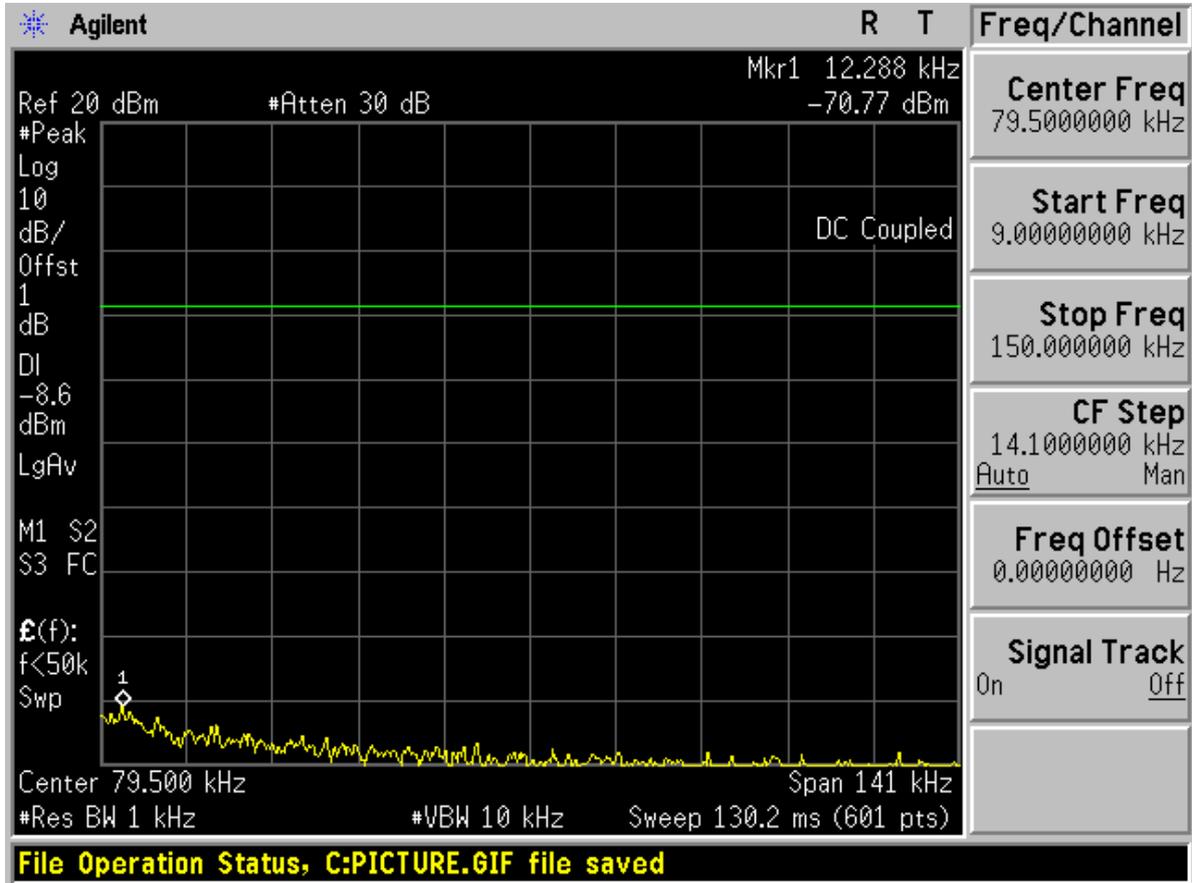
Appendix D

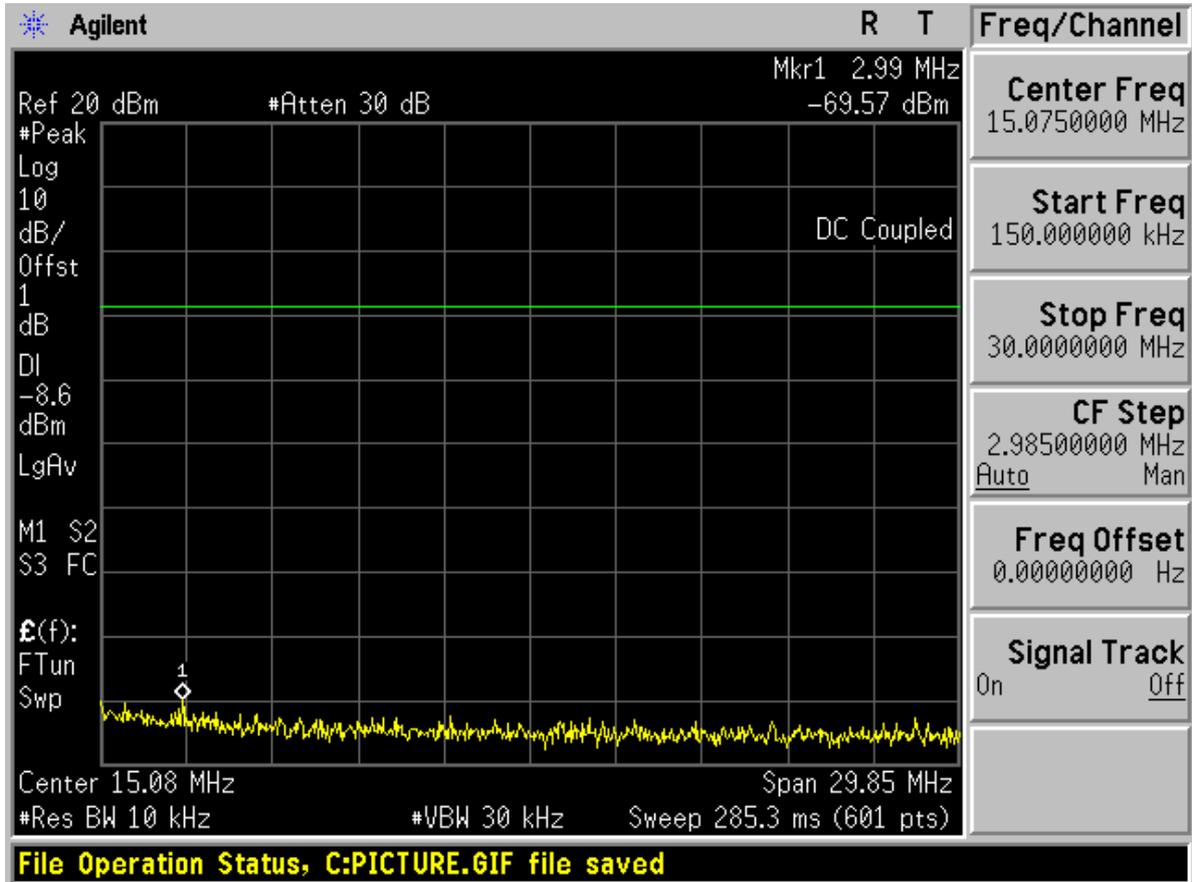
Conducted RF spurious

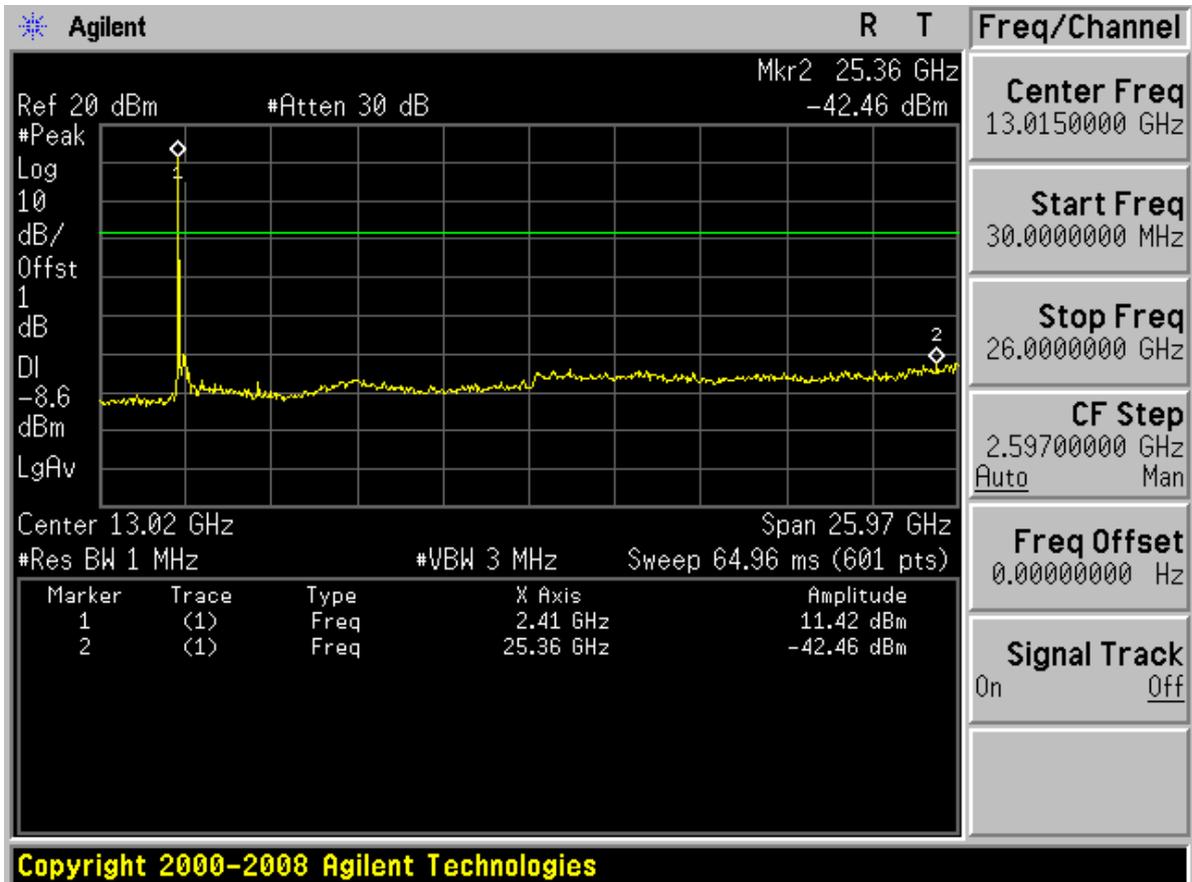
According to FCC Part 15.247 (d)



TM1 Channel 1

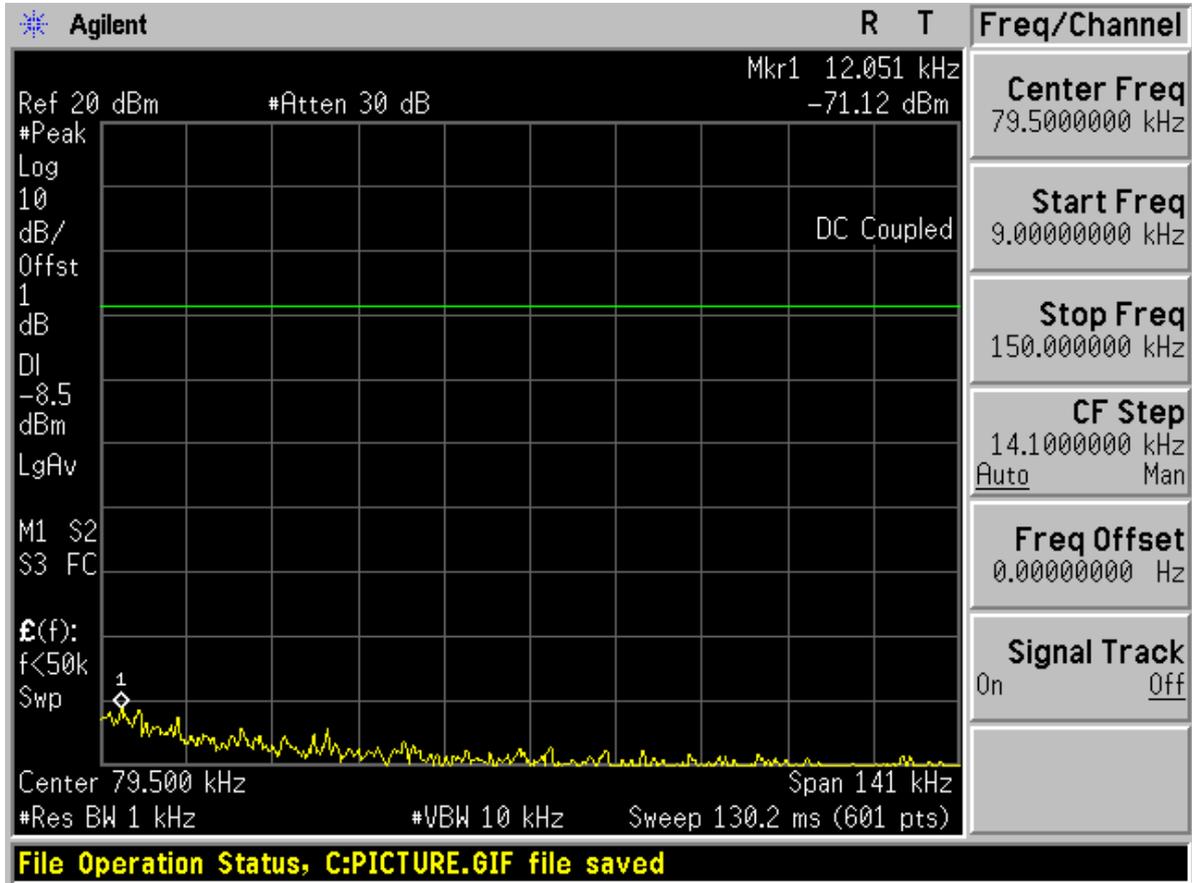


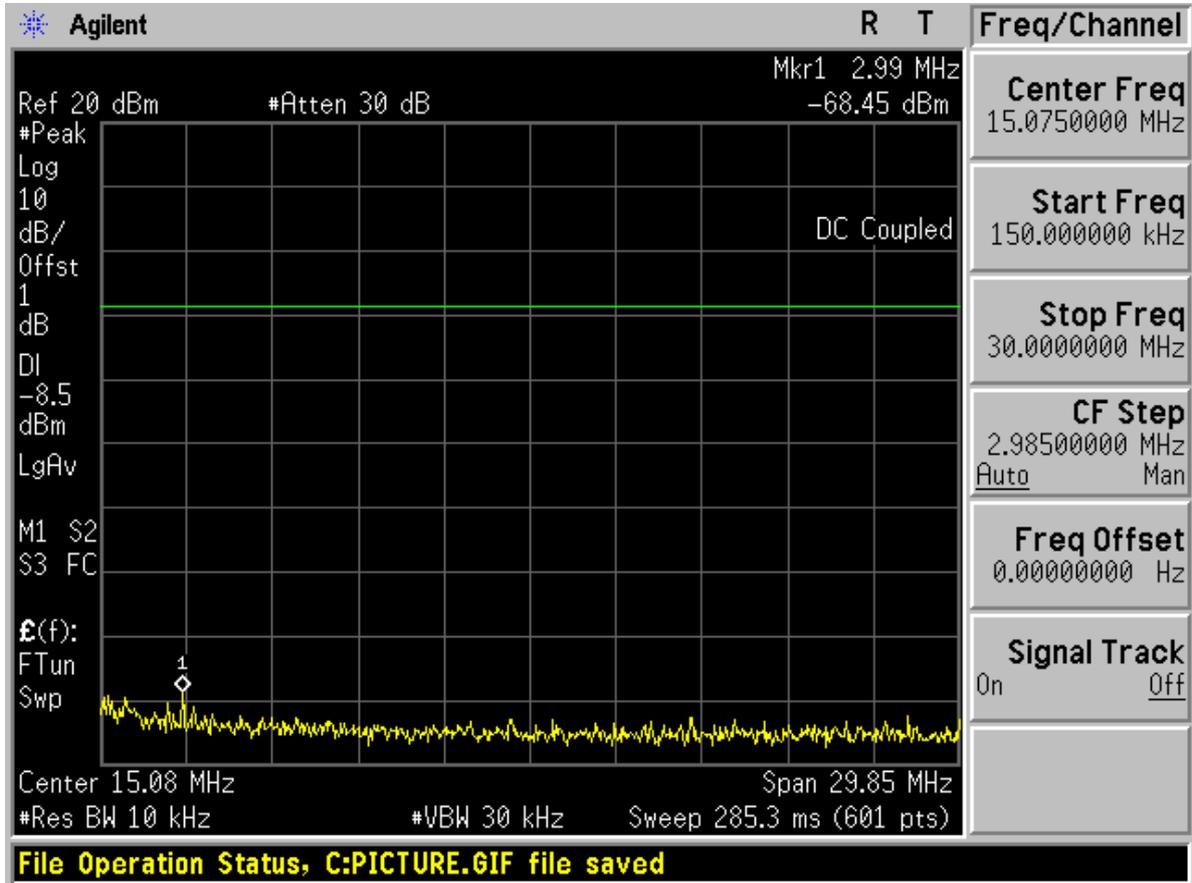


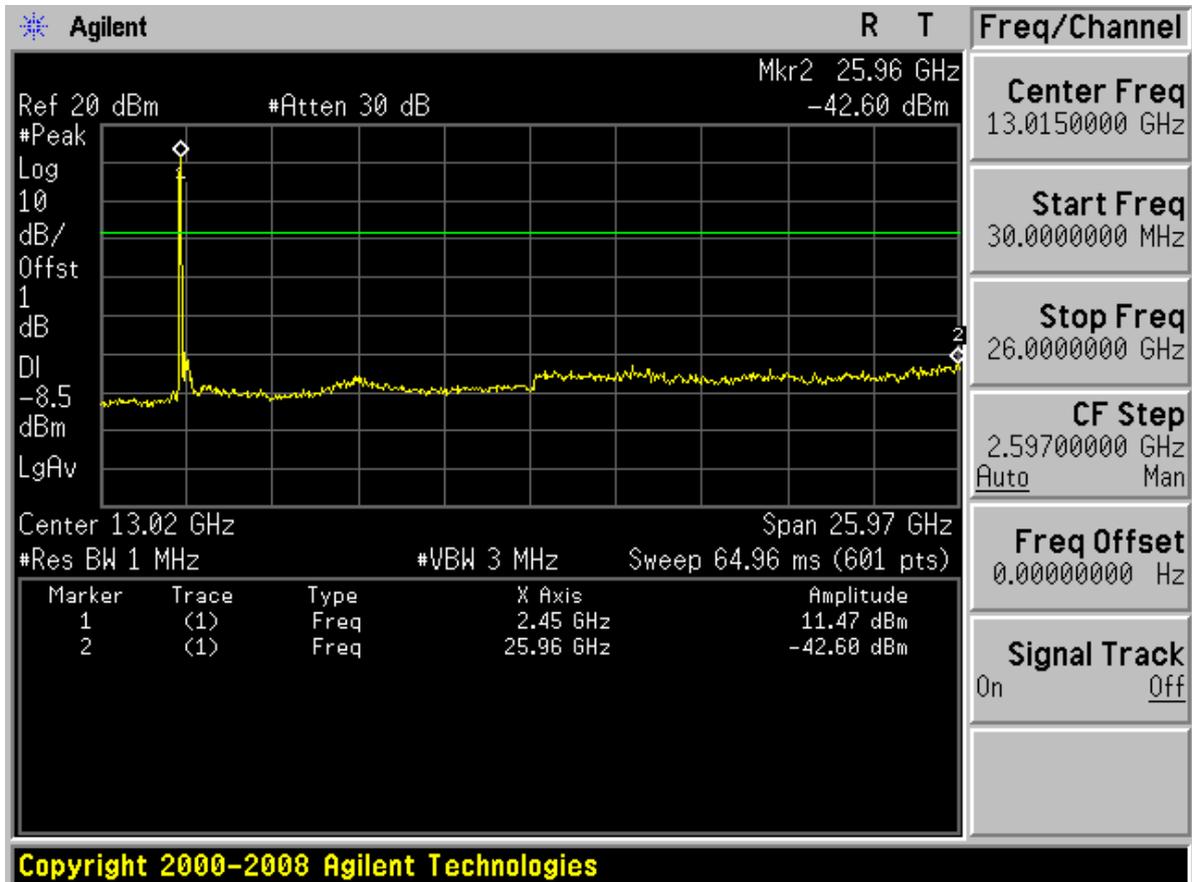




Channel 6

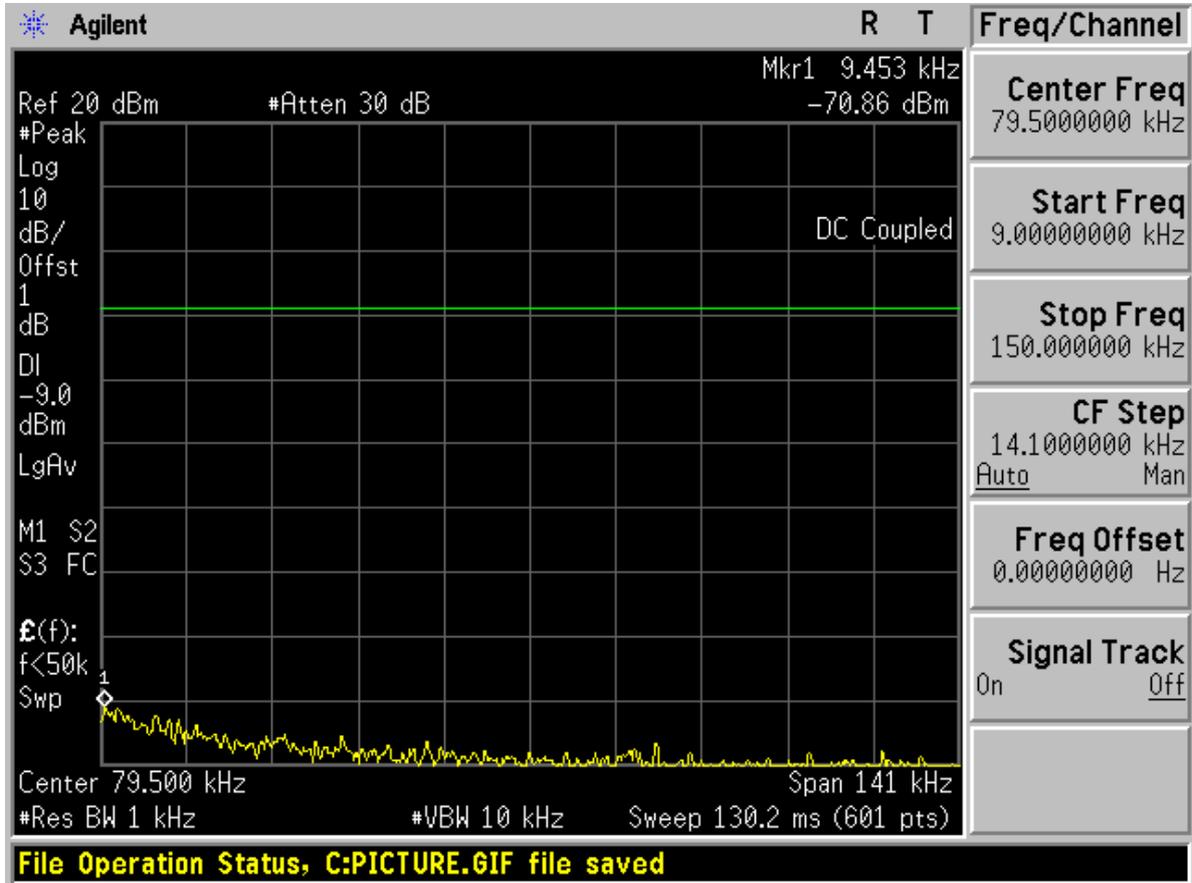


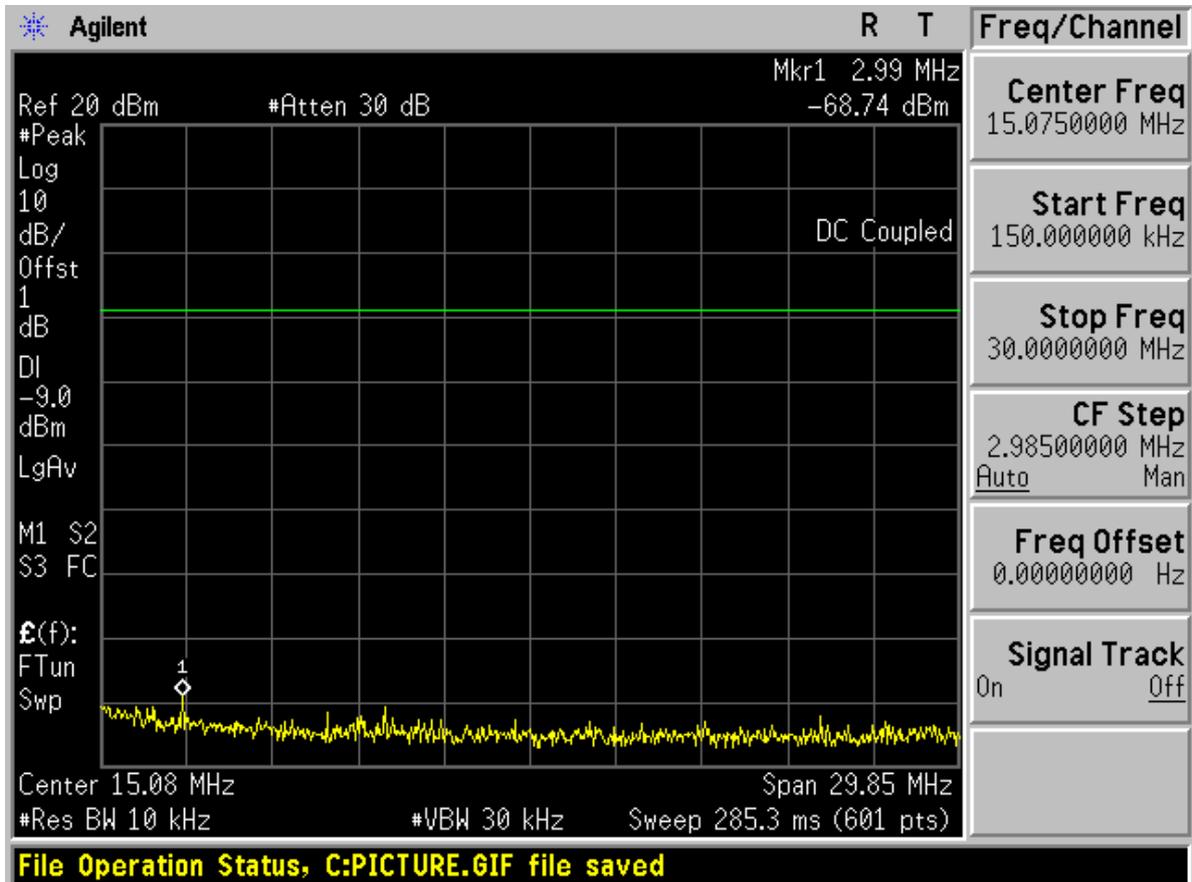


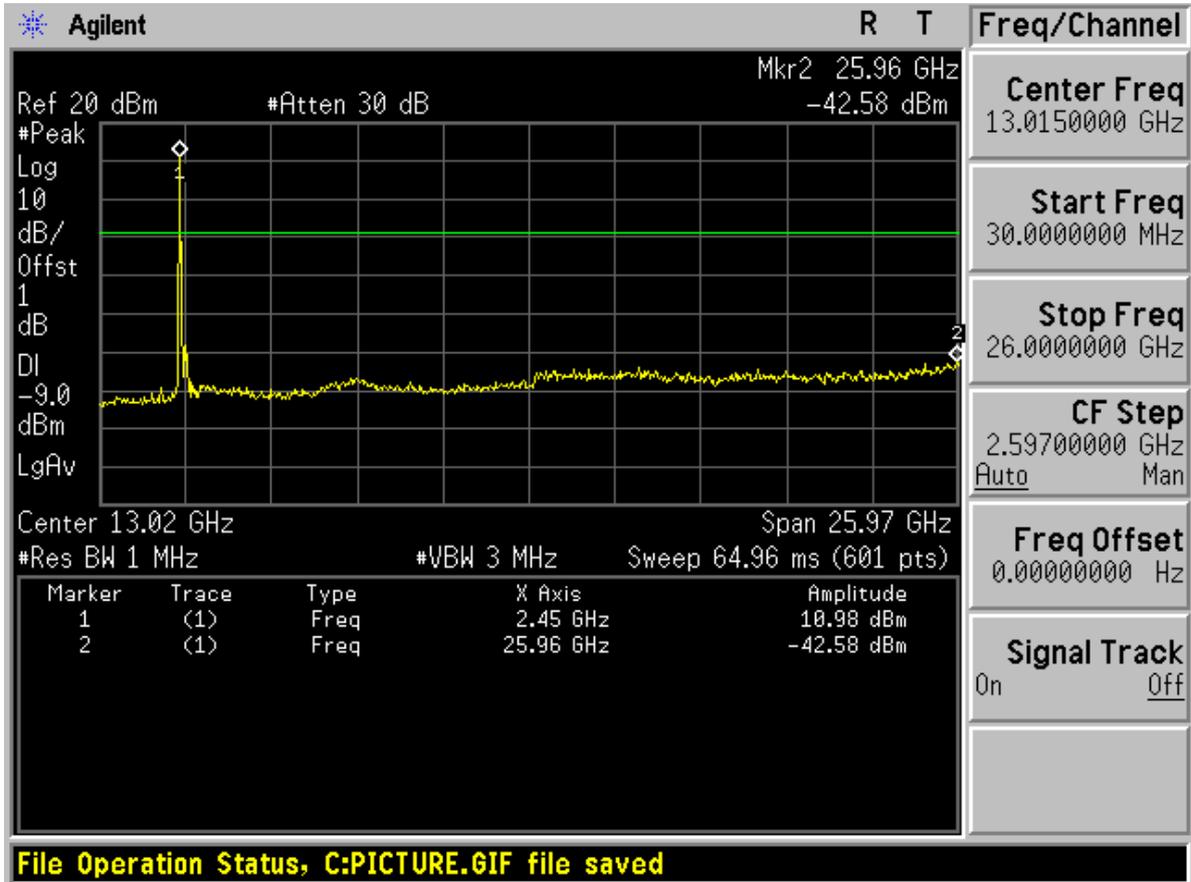




Channel 11

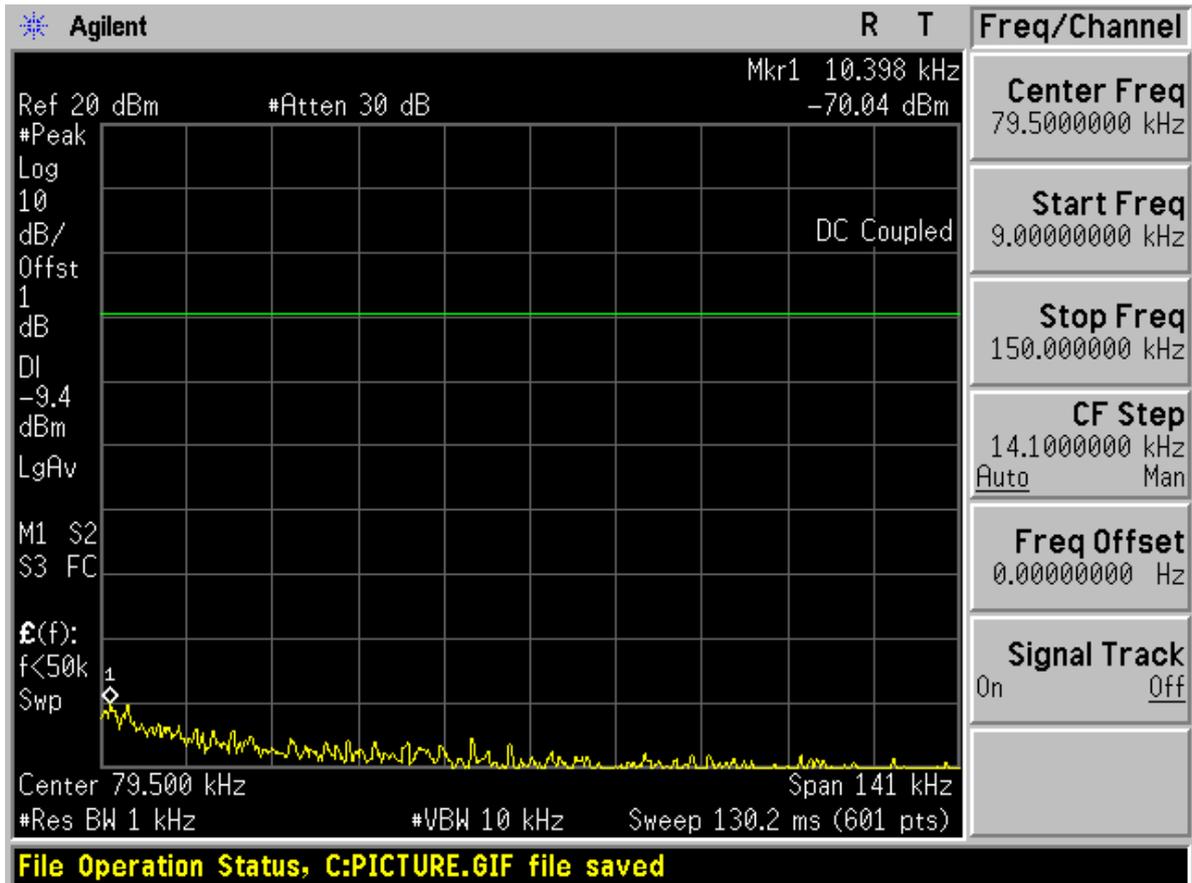


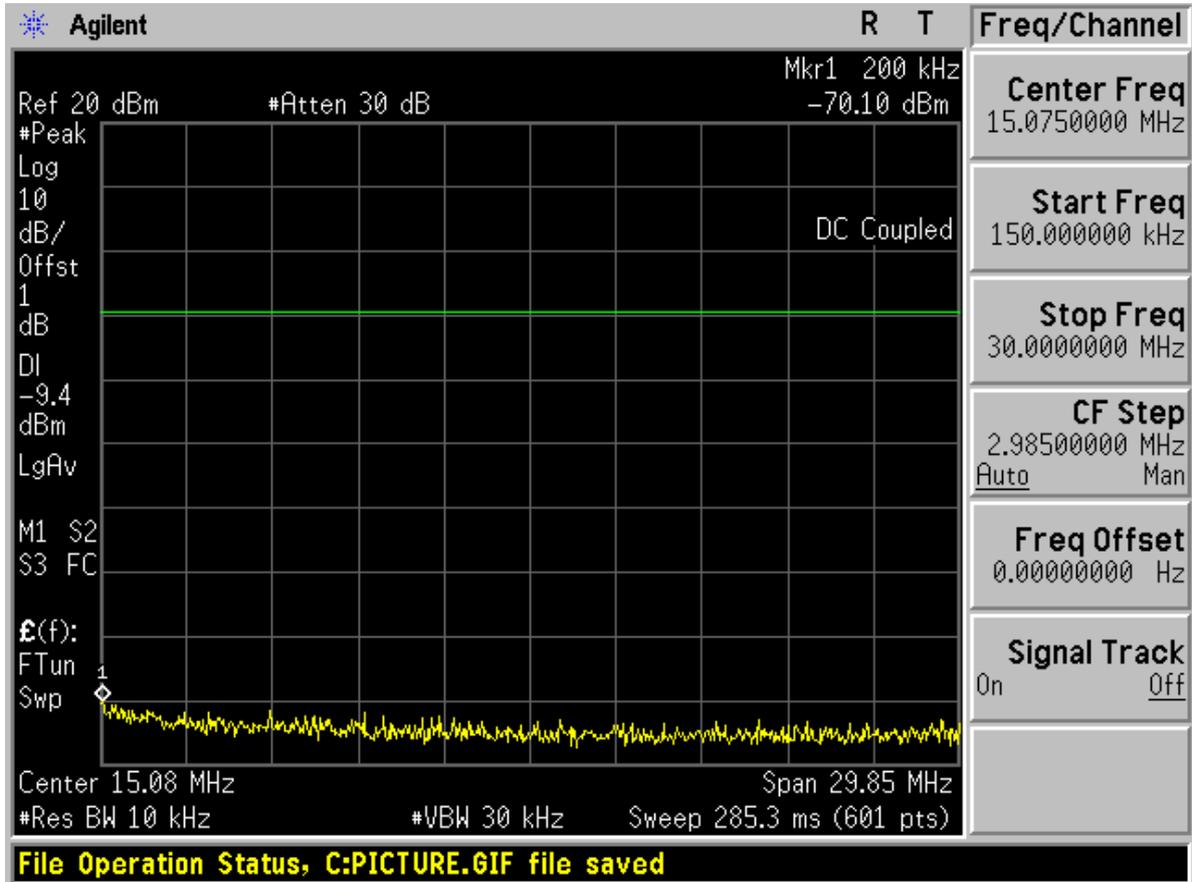


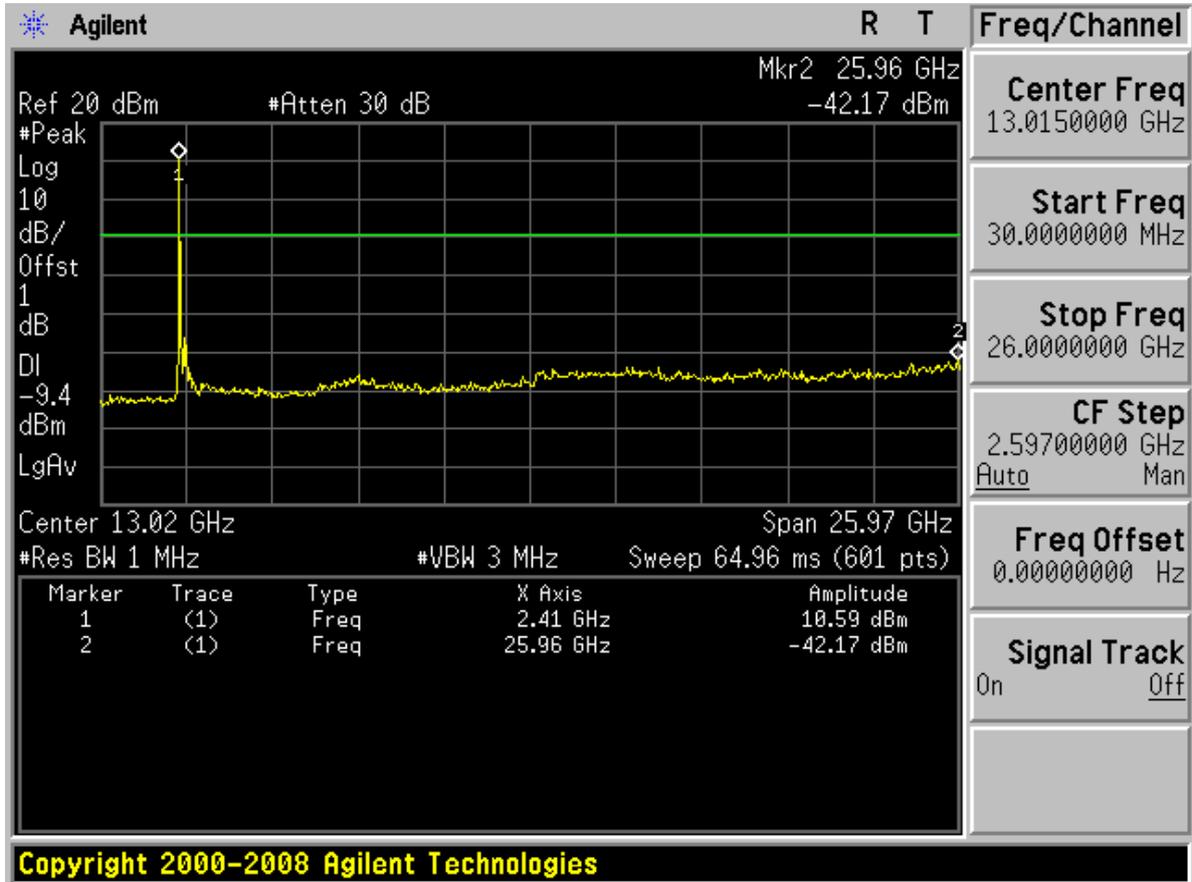




TM2 Channel 1

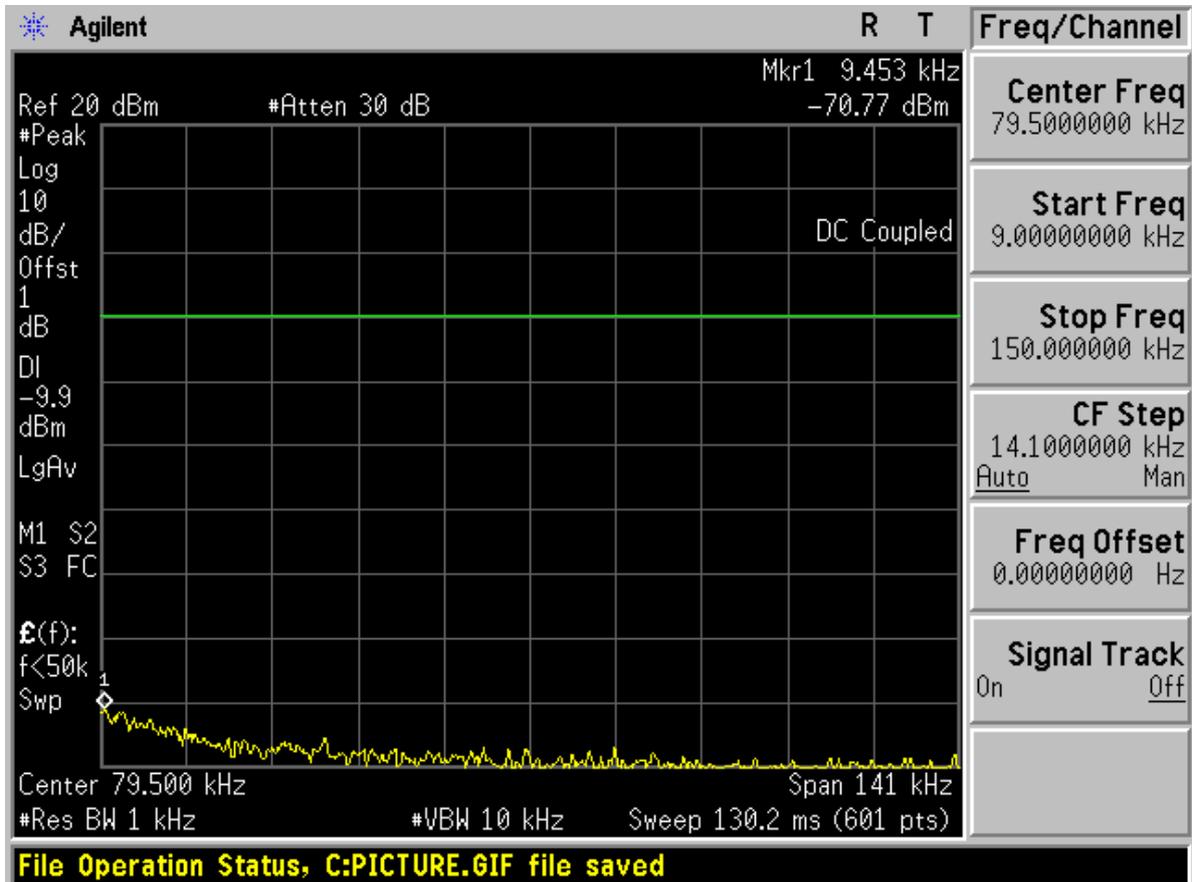


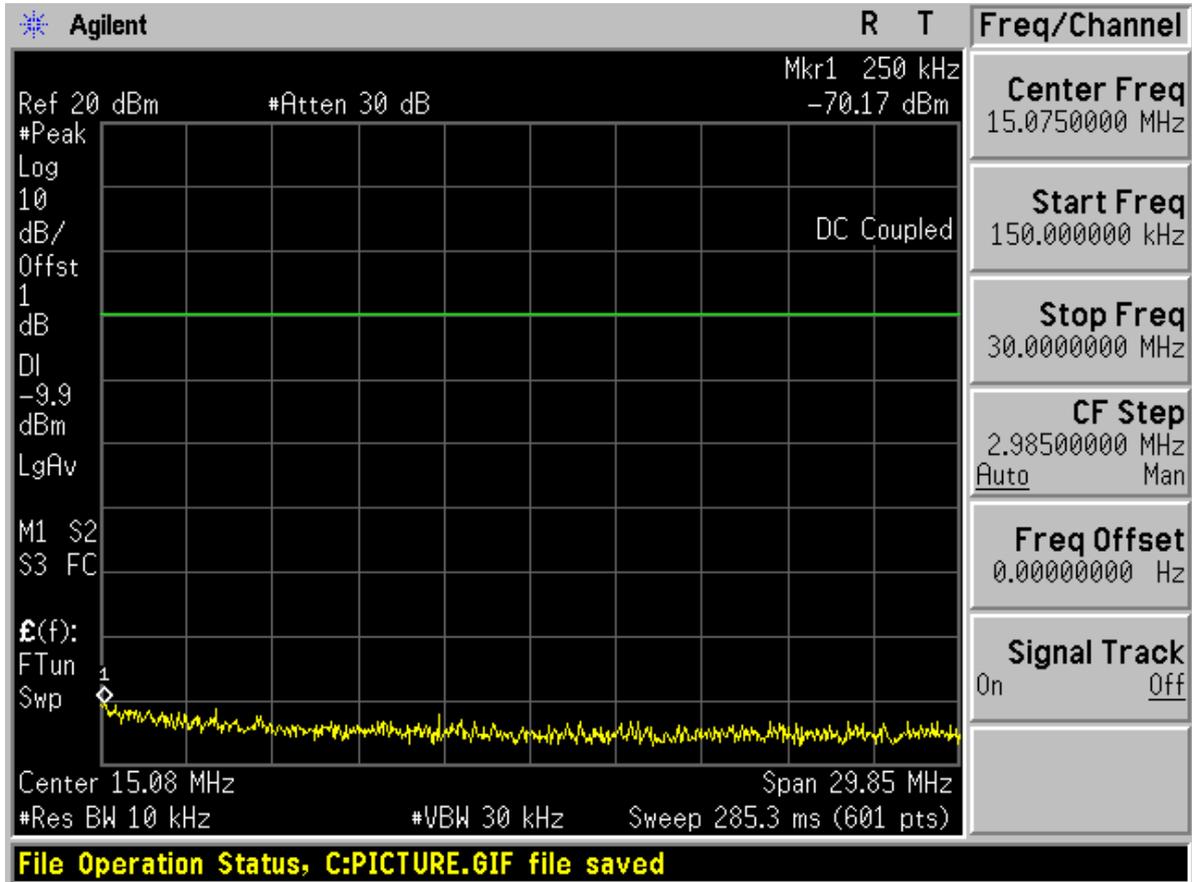


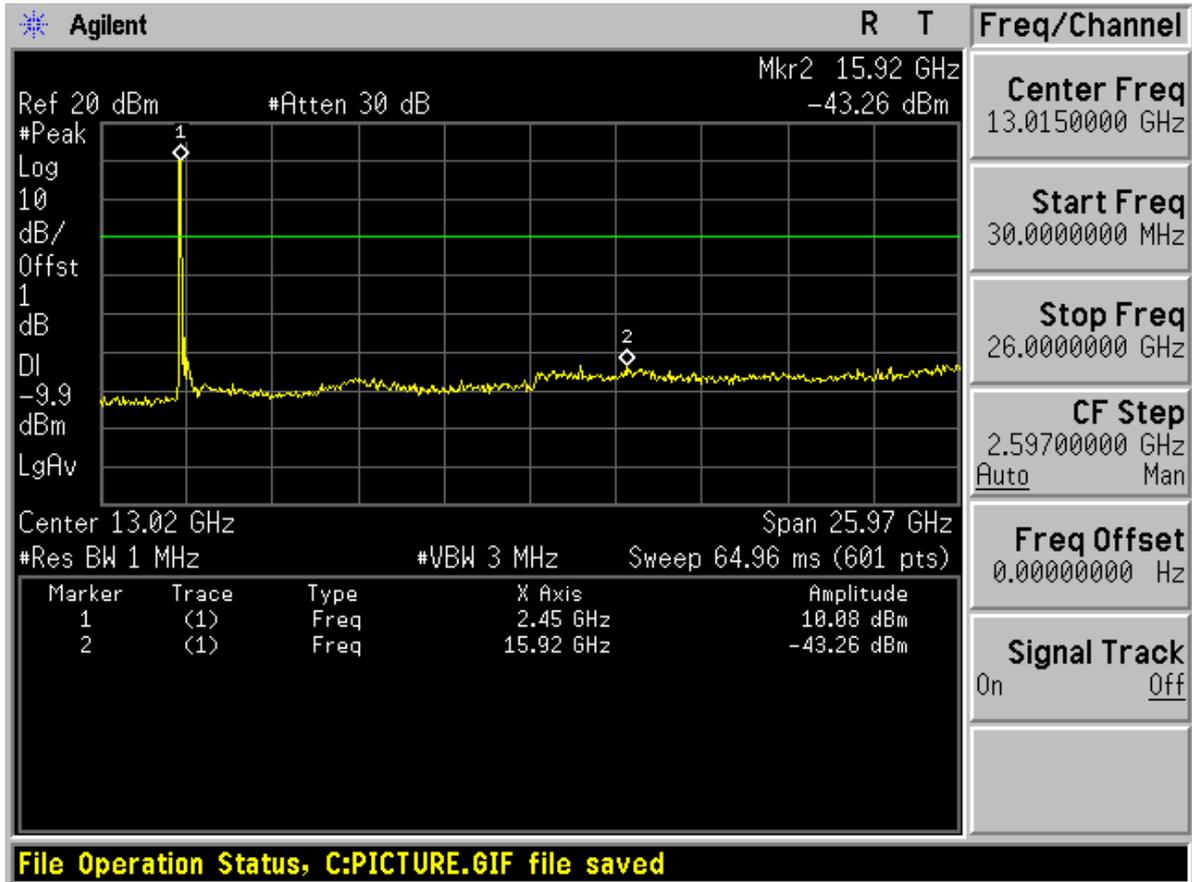




Channel 6

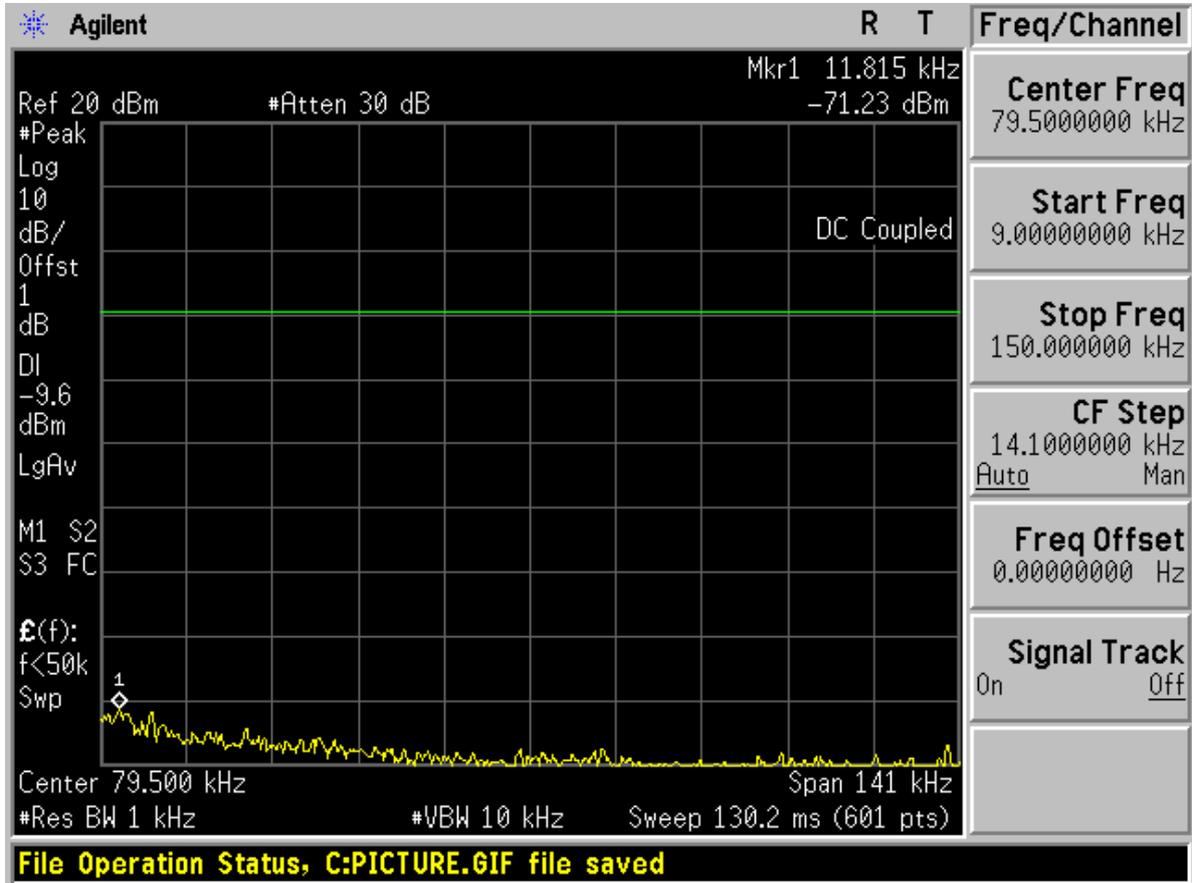


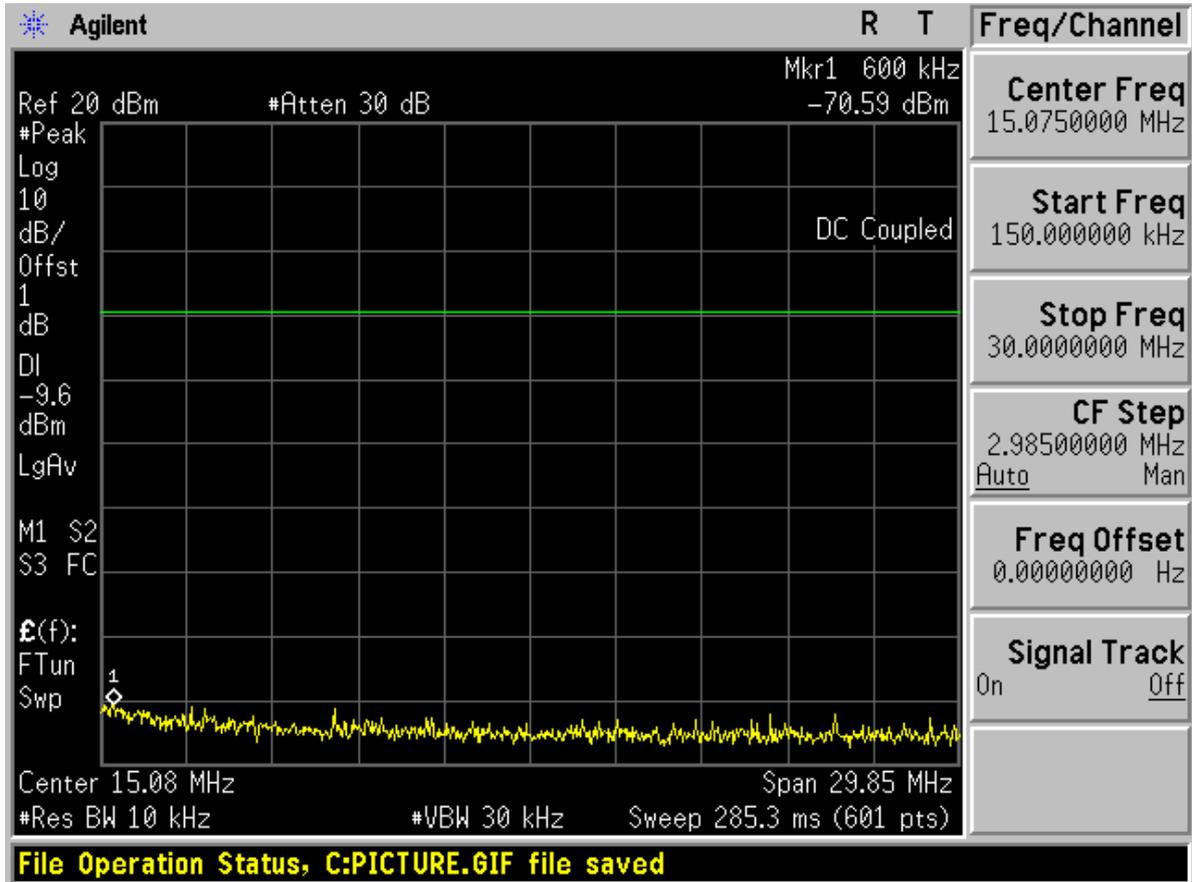


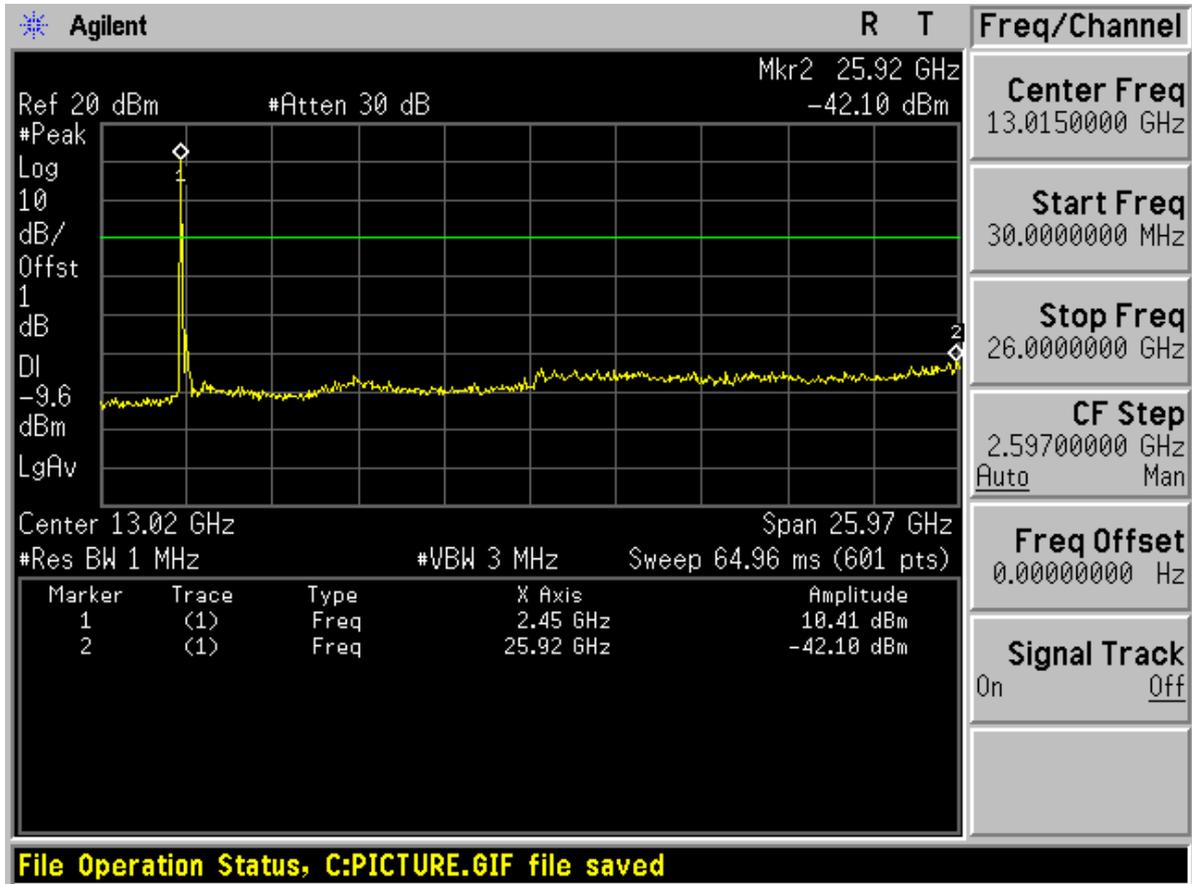




Channel 11

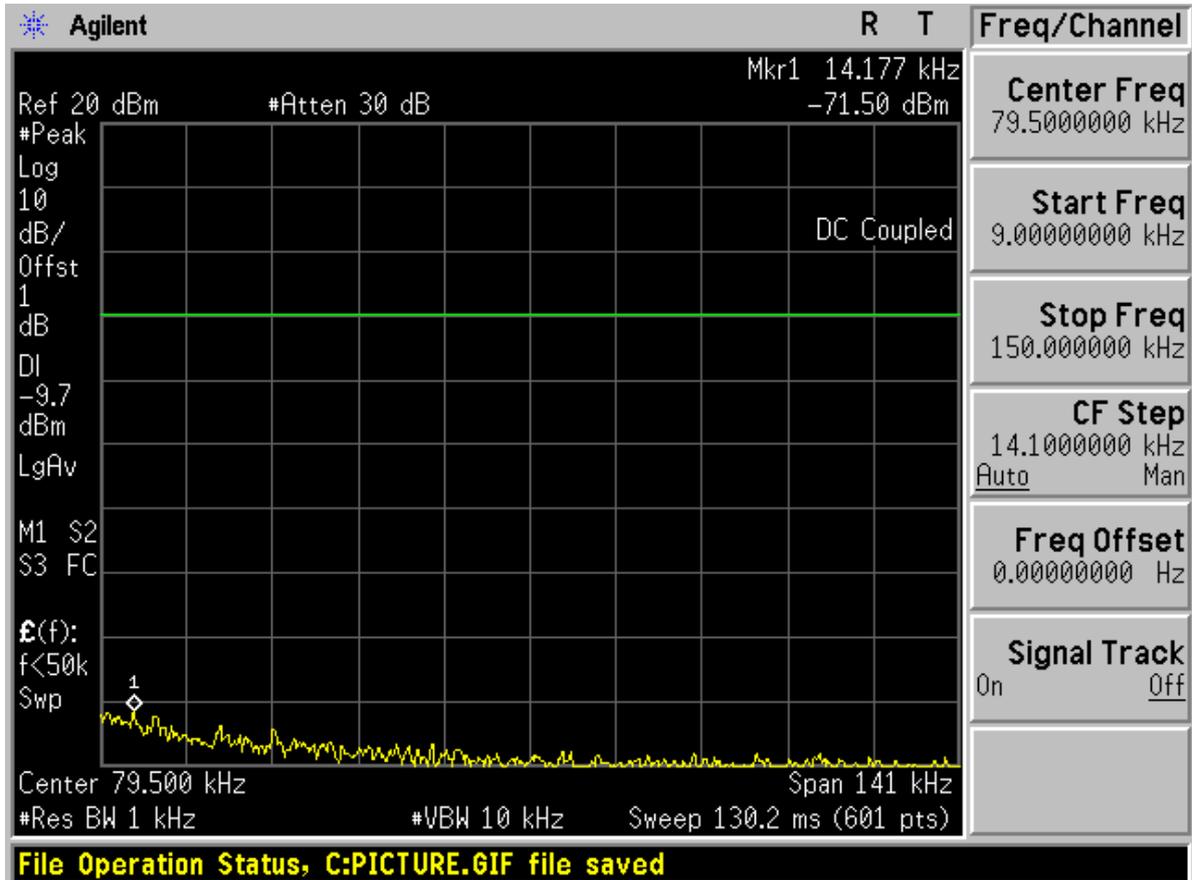


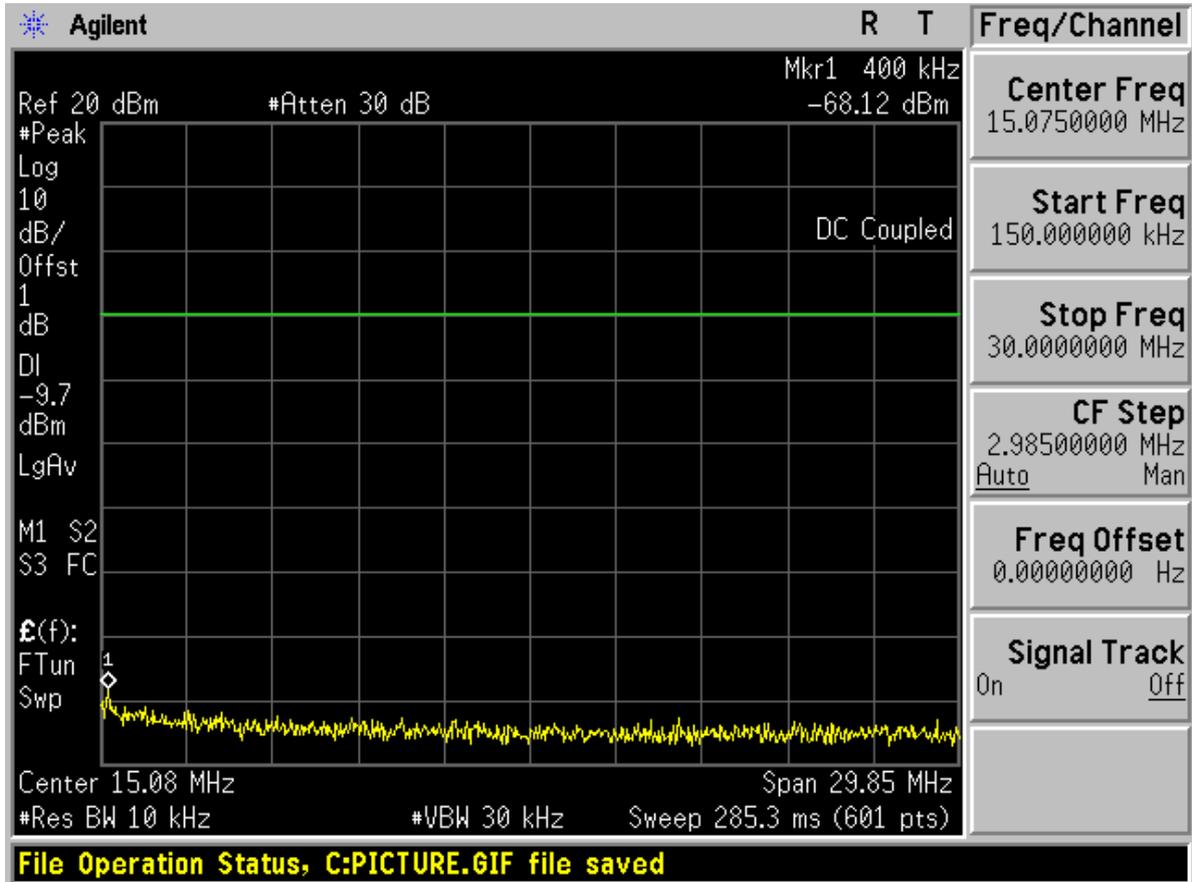


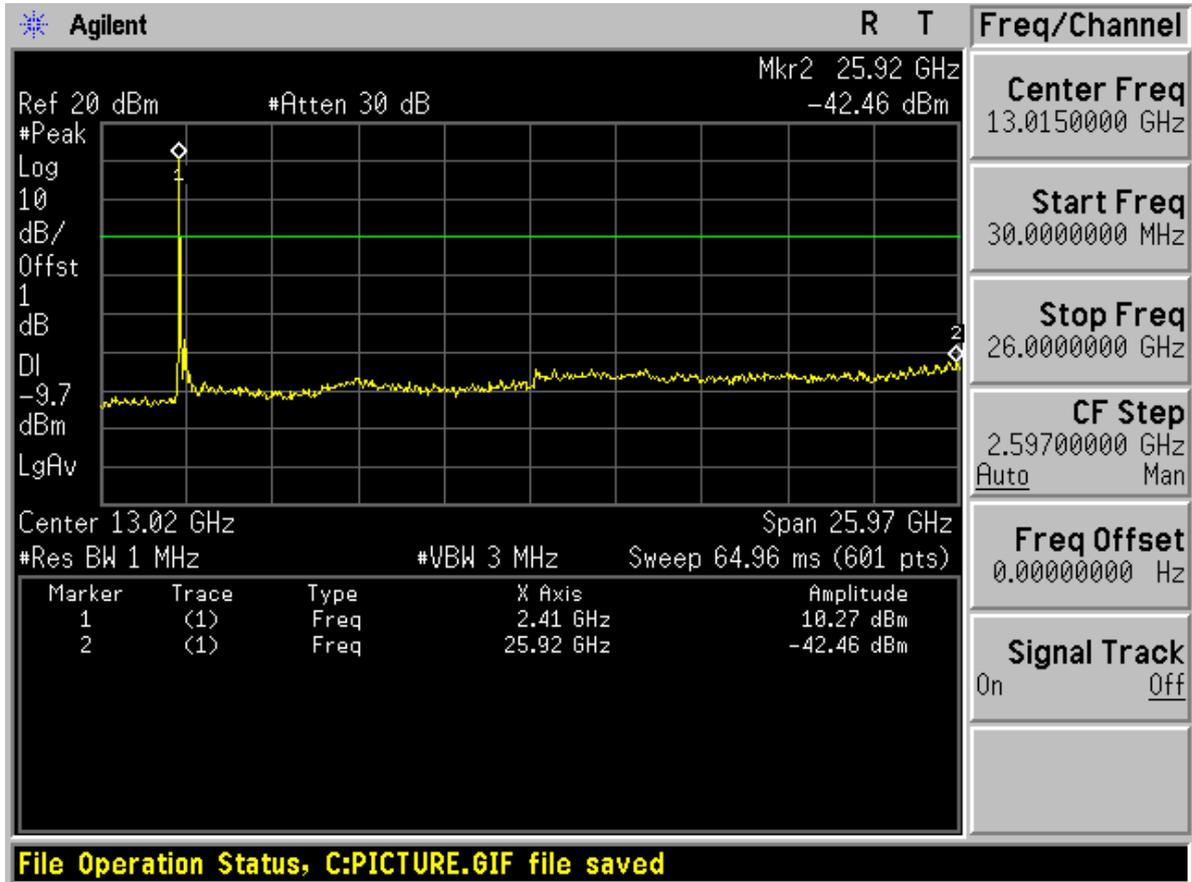




TM3 Channel 1

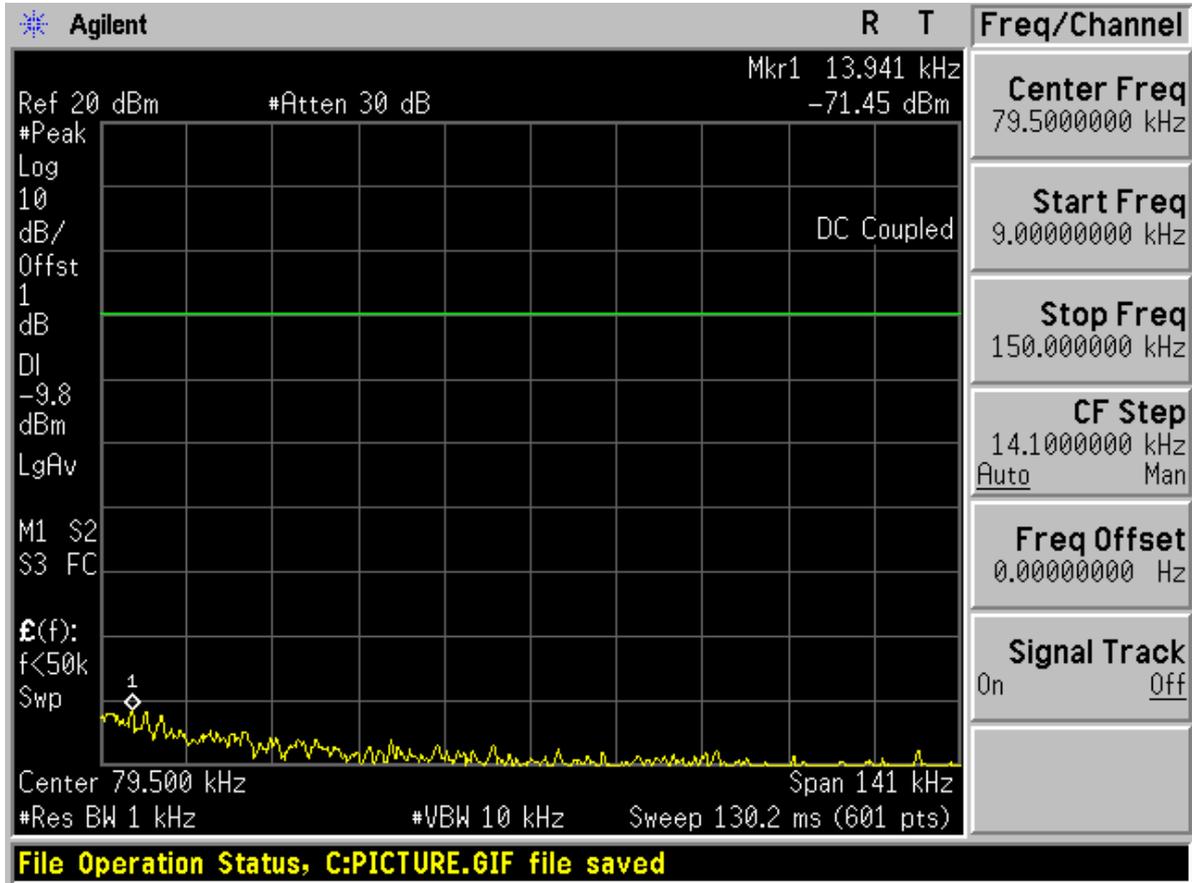




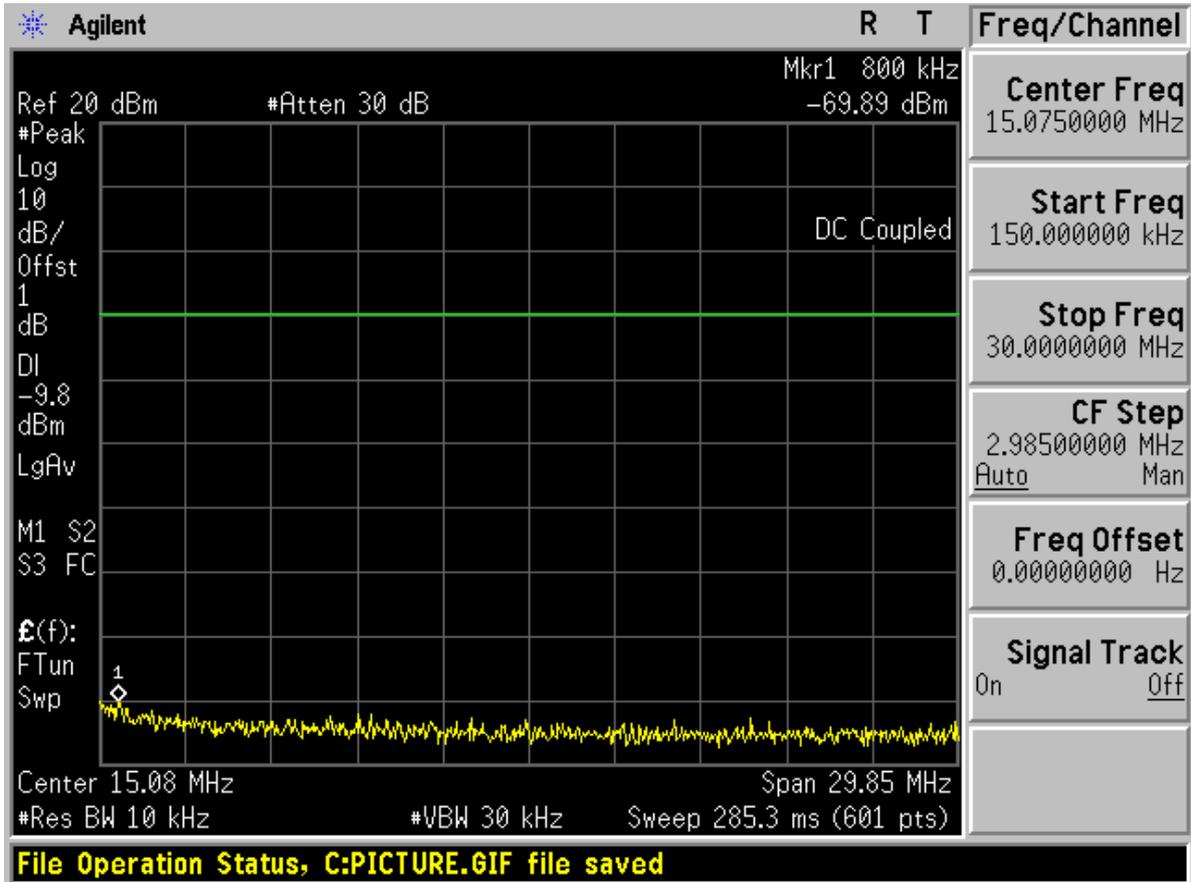


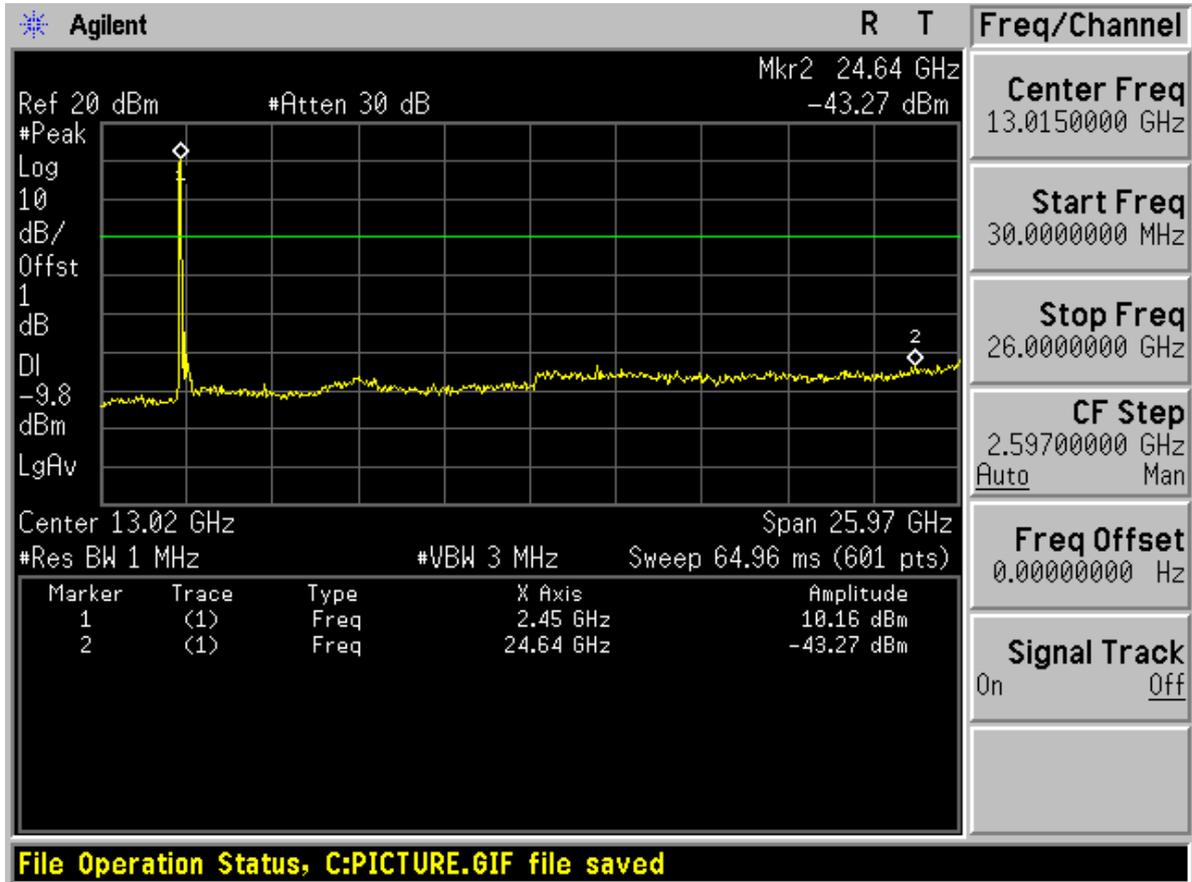


Channel 6



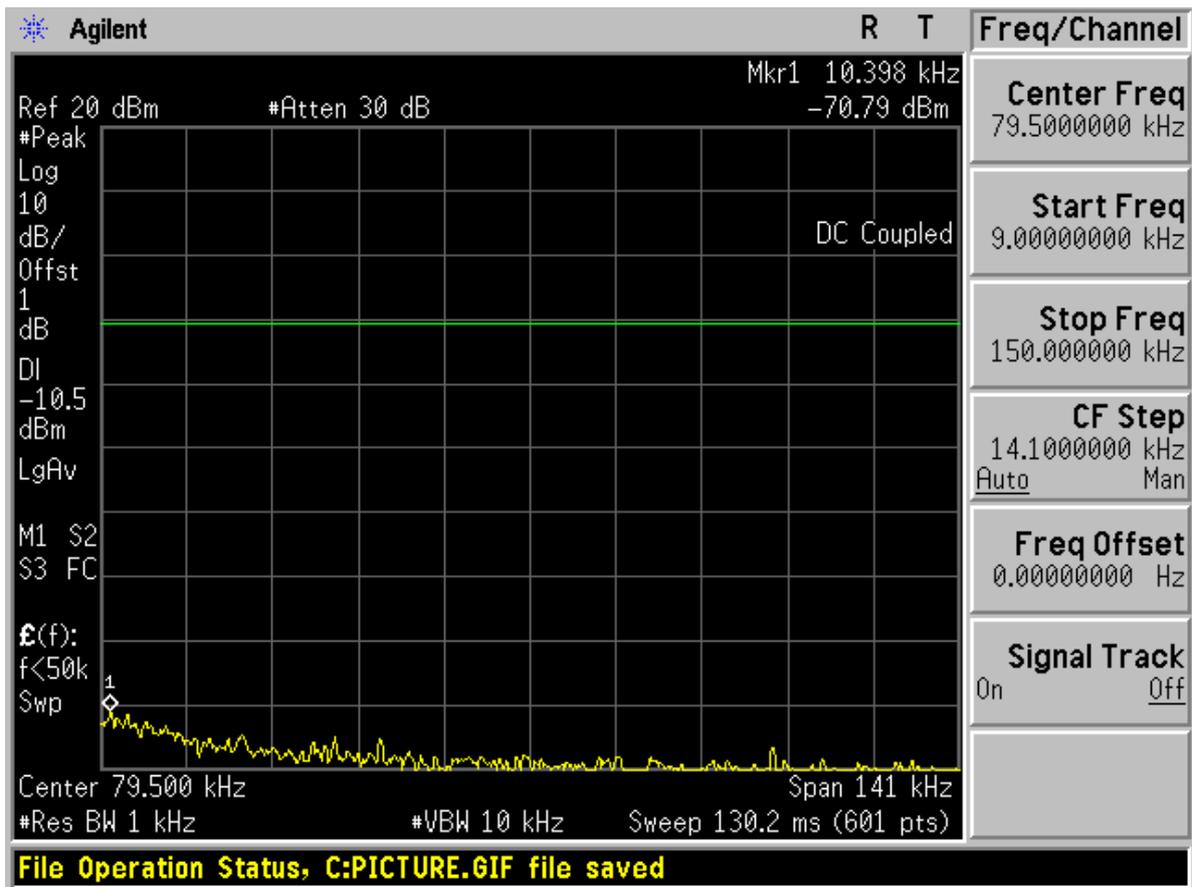
1

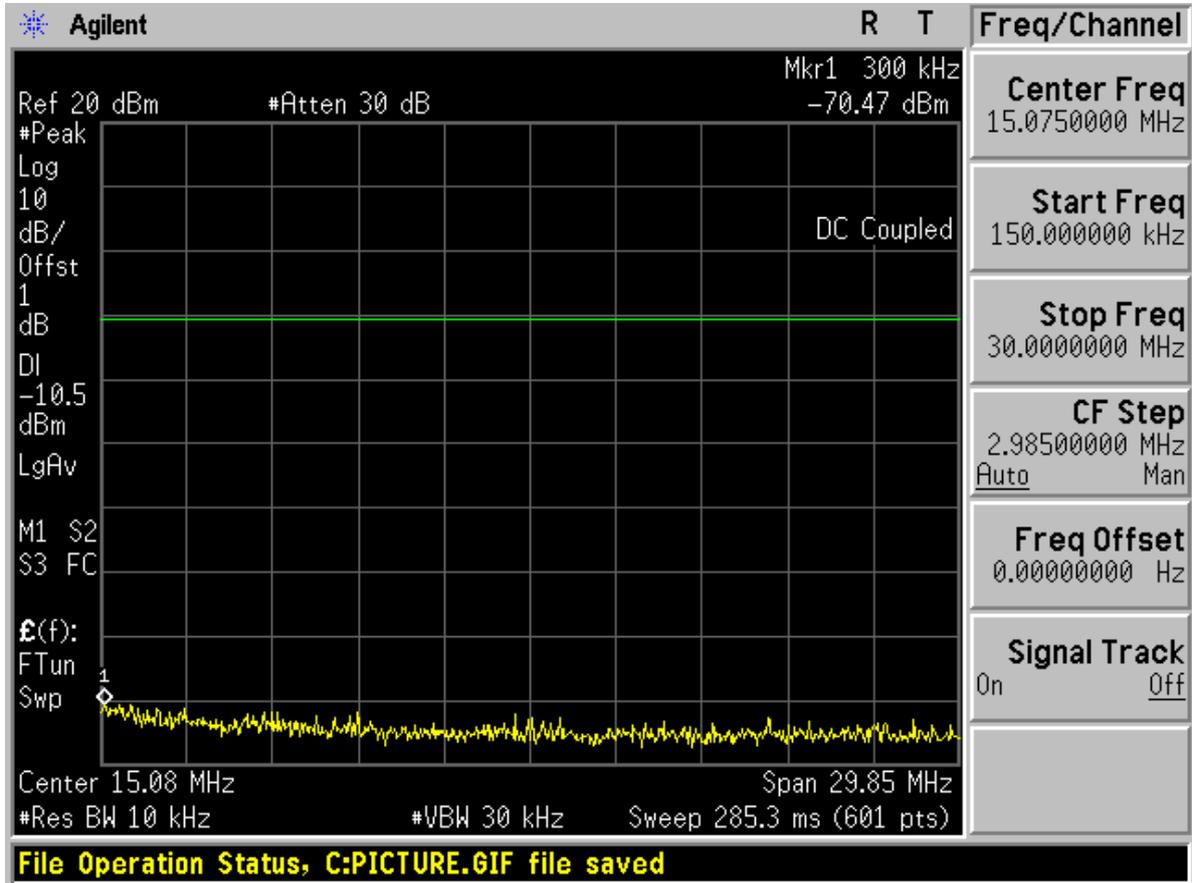


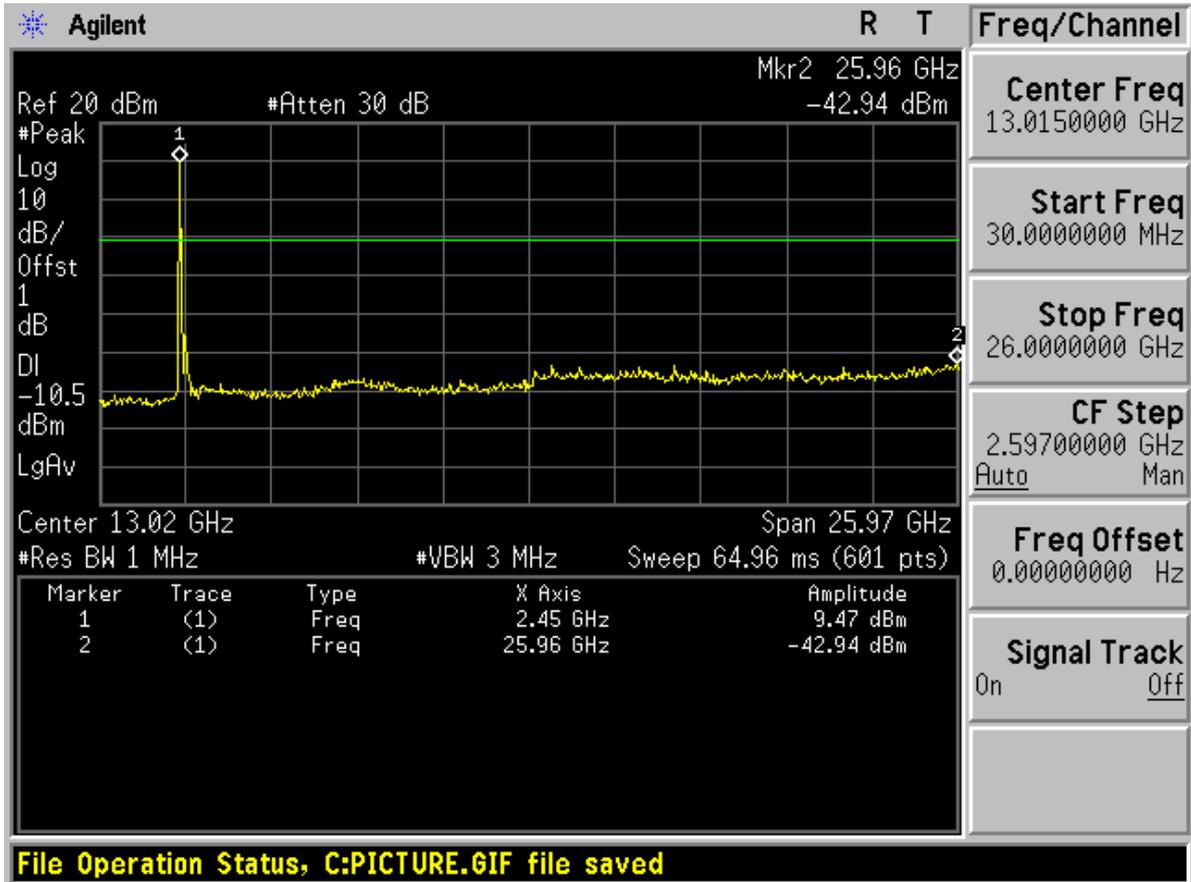




Channel 11







-----THE END-----



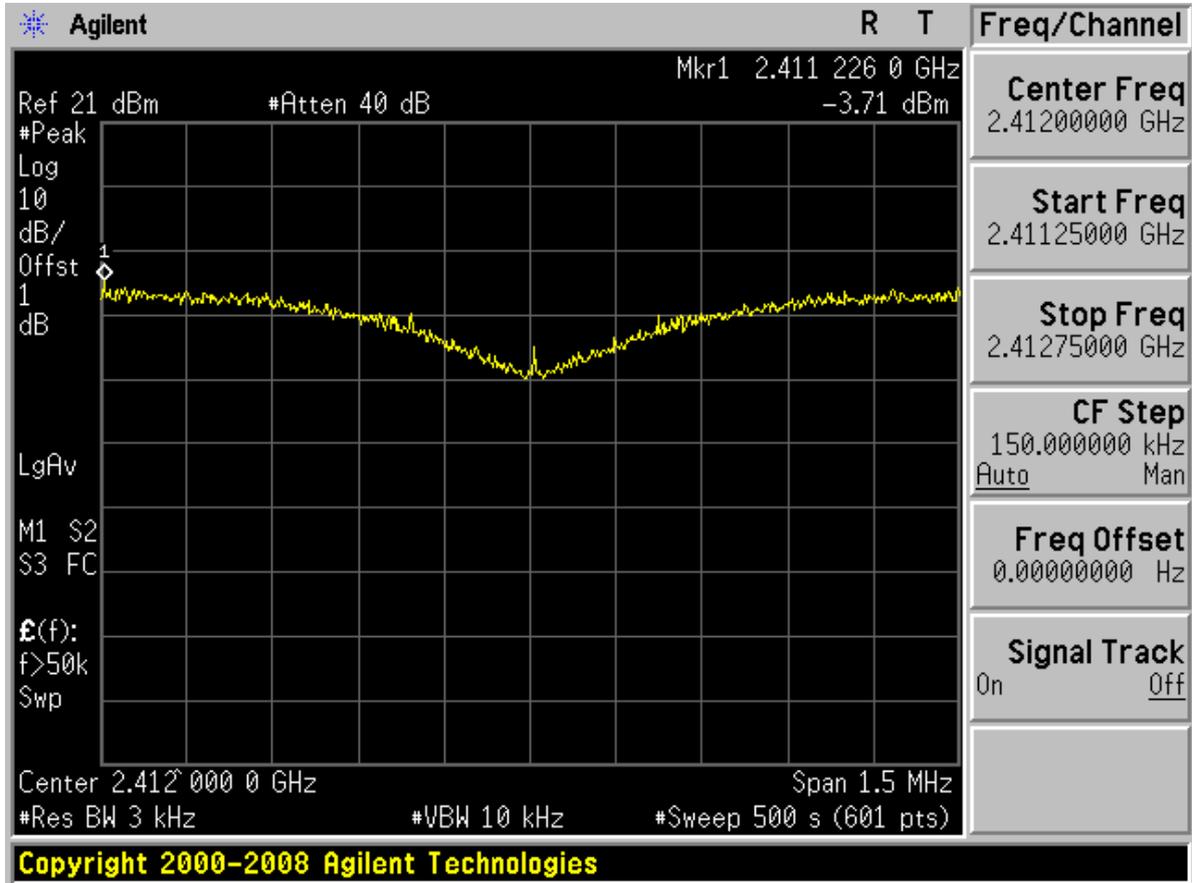
Appendix E

Power spectral density

According to FCC Part 15.247 (e)

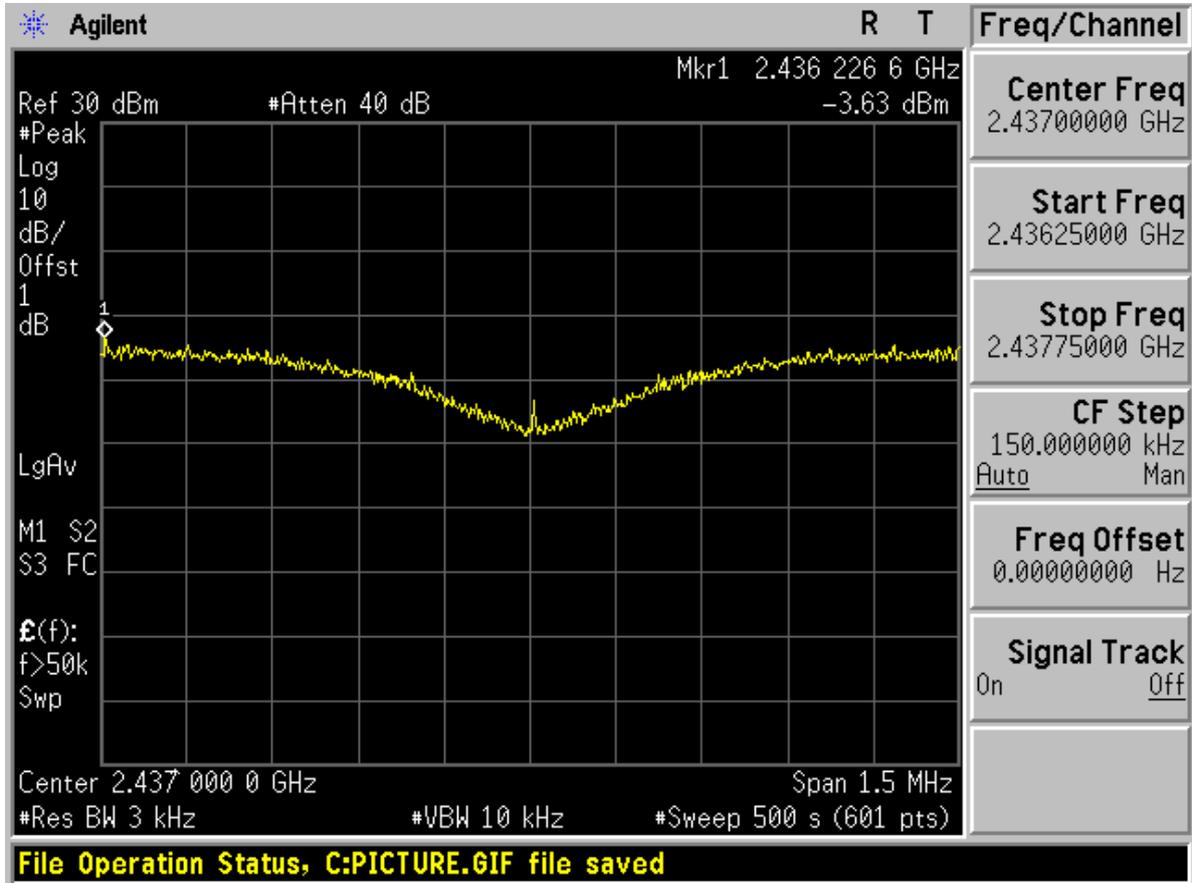


TM1 Channel 1



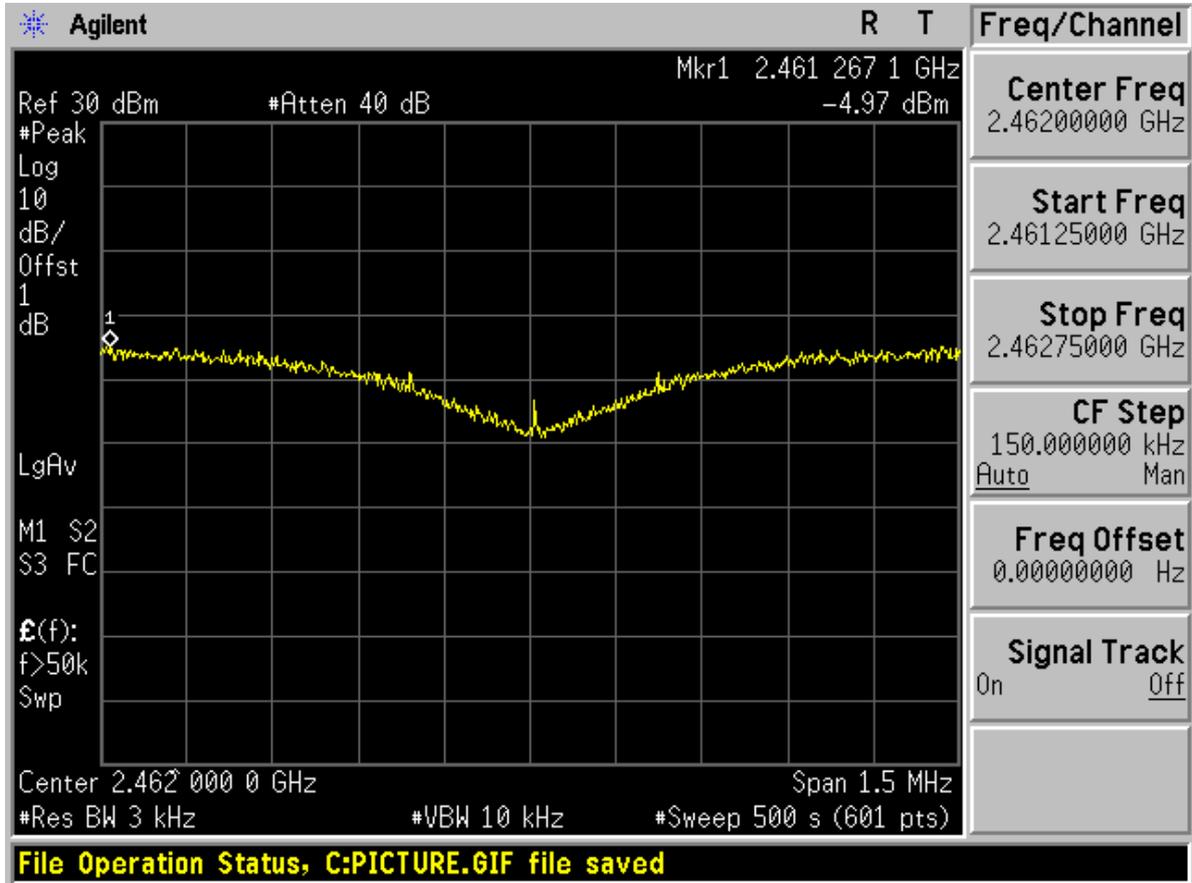


Channel 6



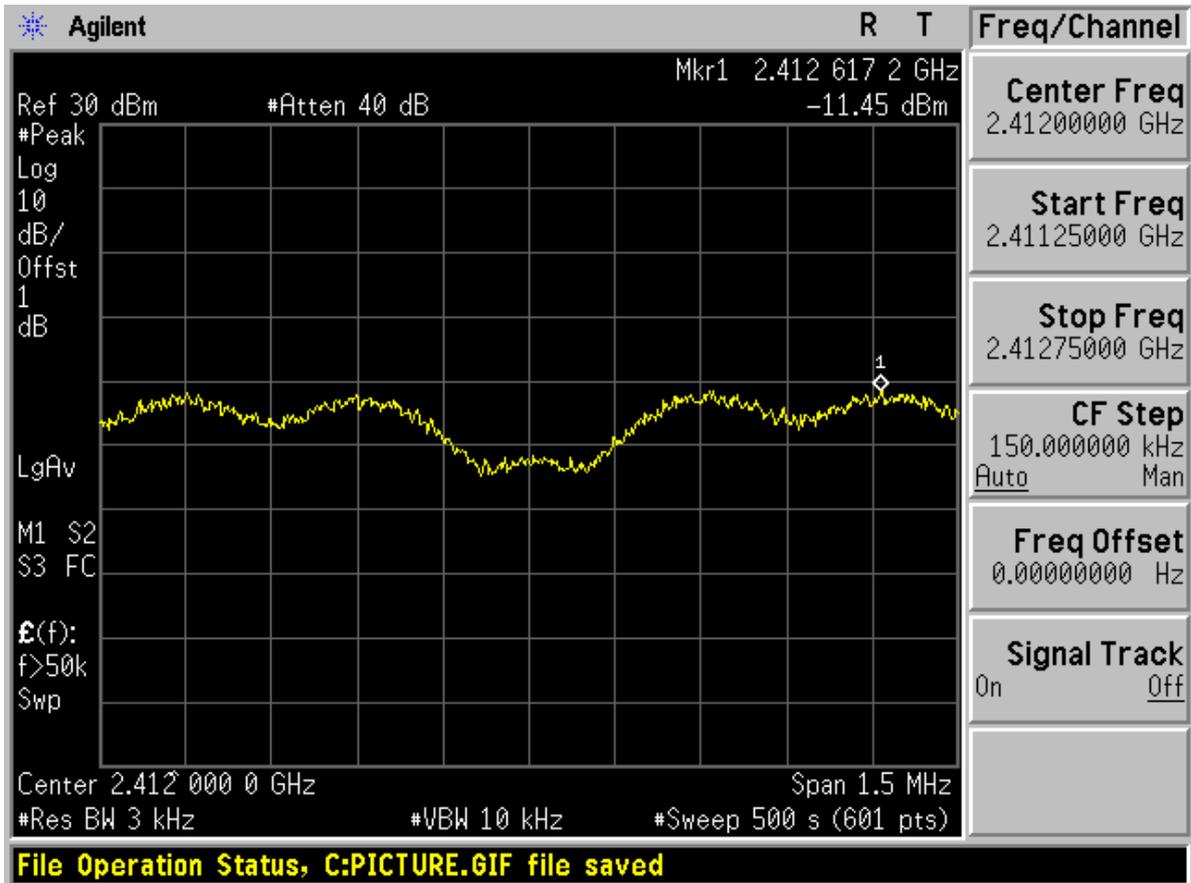


Channel 11



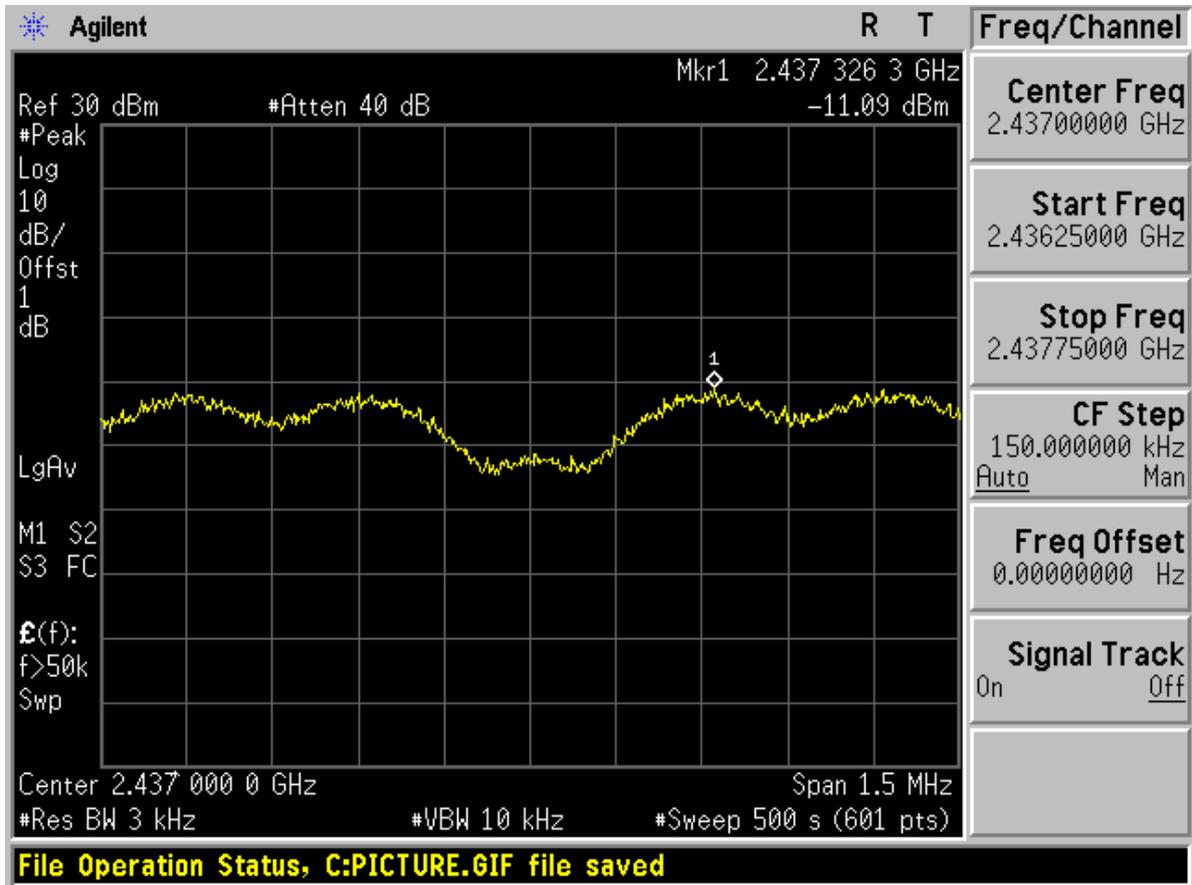


TM2 Channel 1



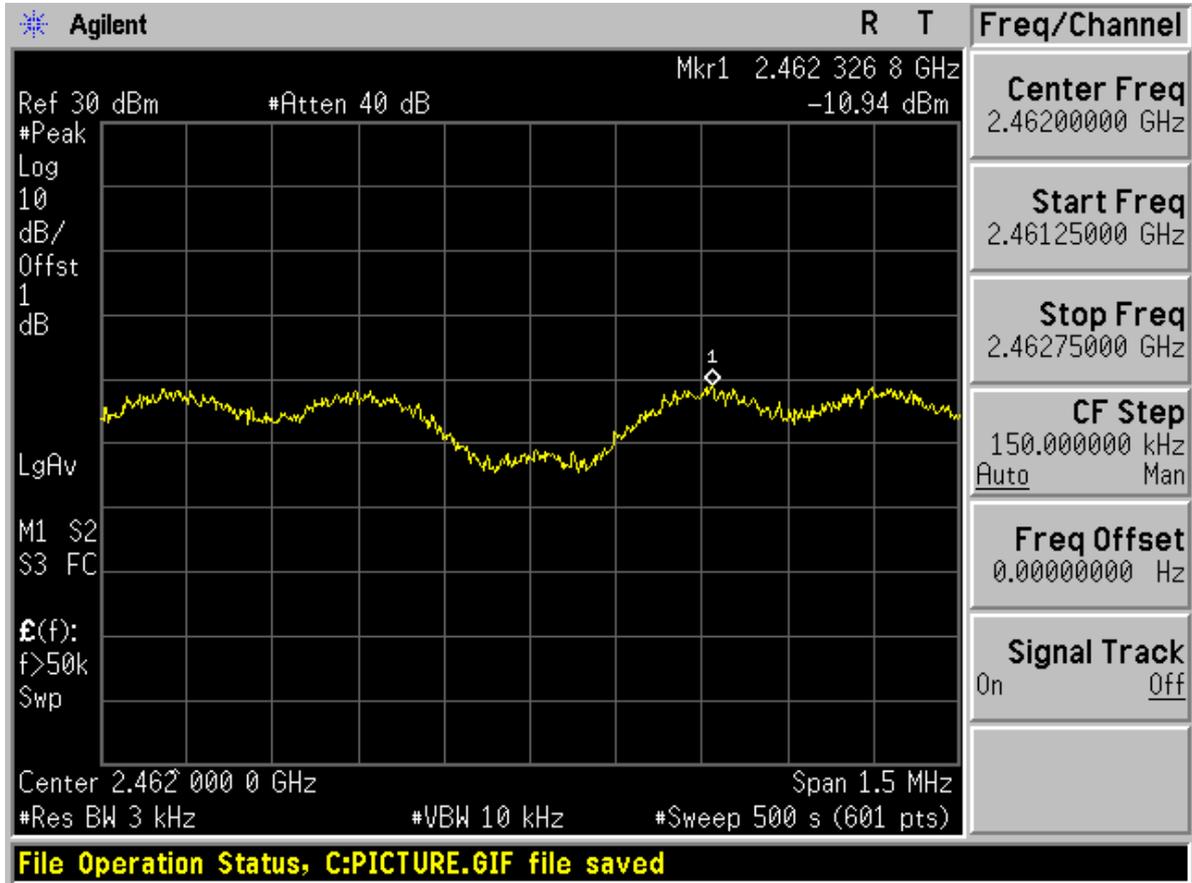


Channel 6



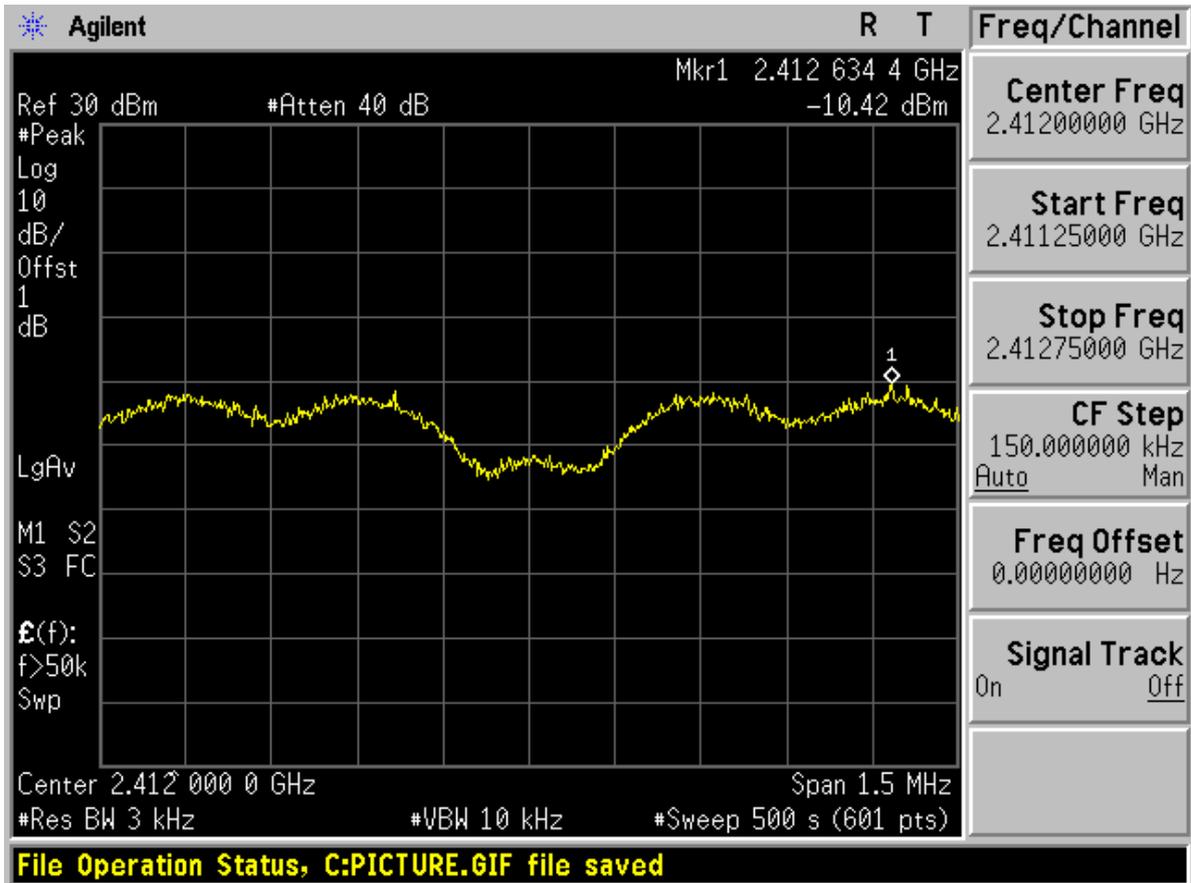


Channel 11



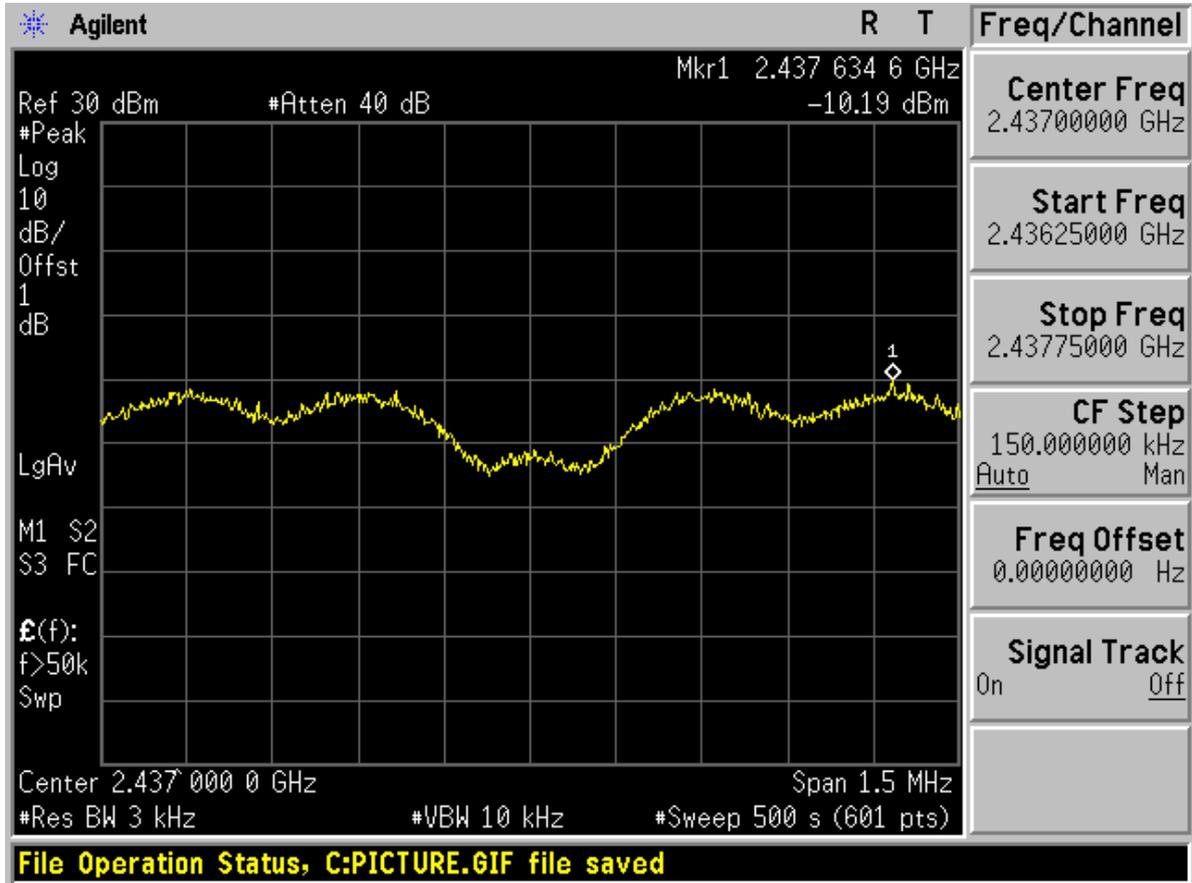


TM3 Channel 1



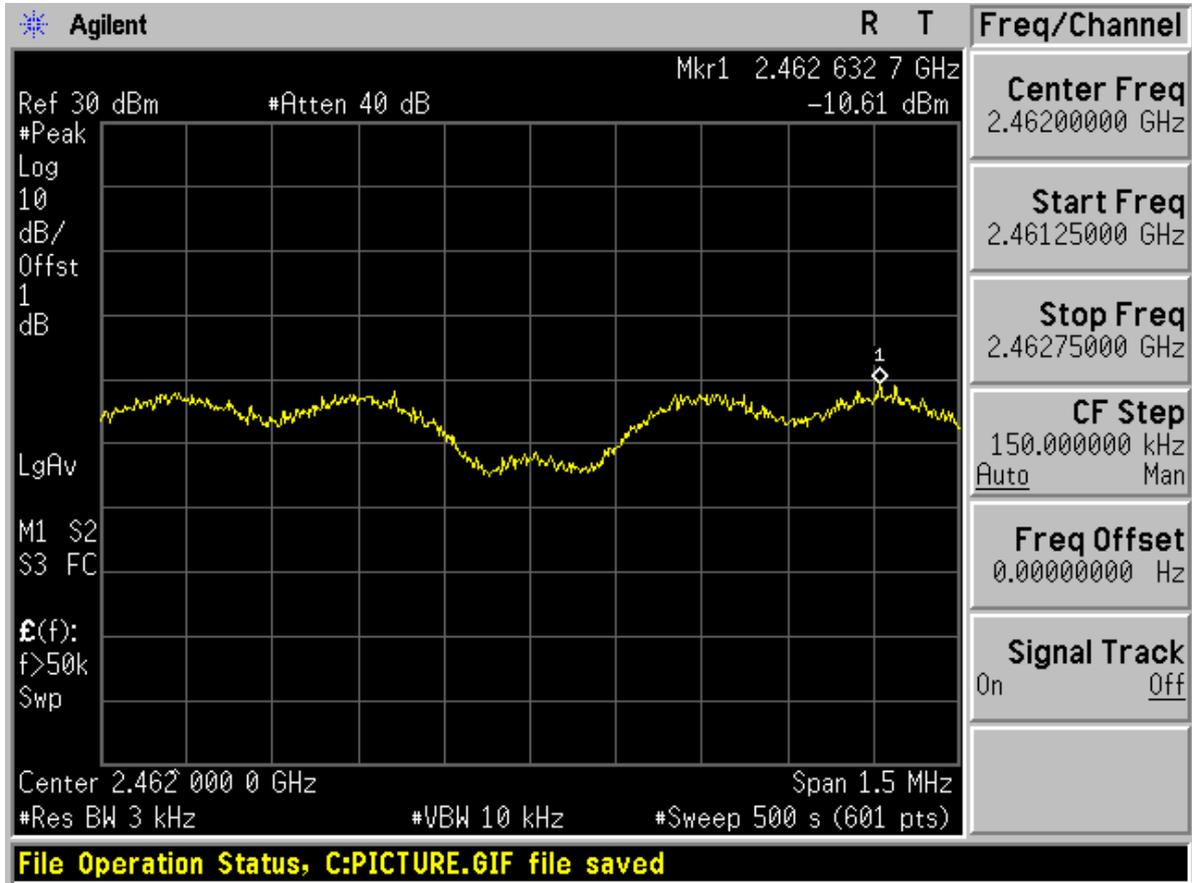


Channel 6





Channel 11



-----THE END-----



Appendix F

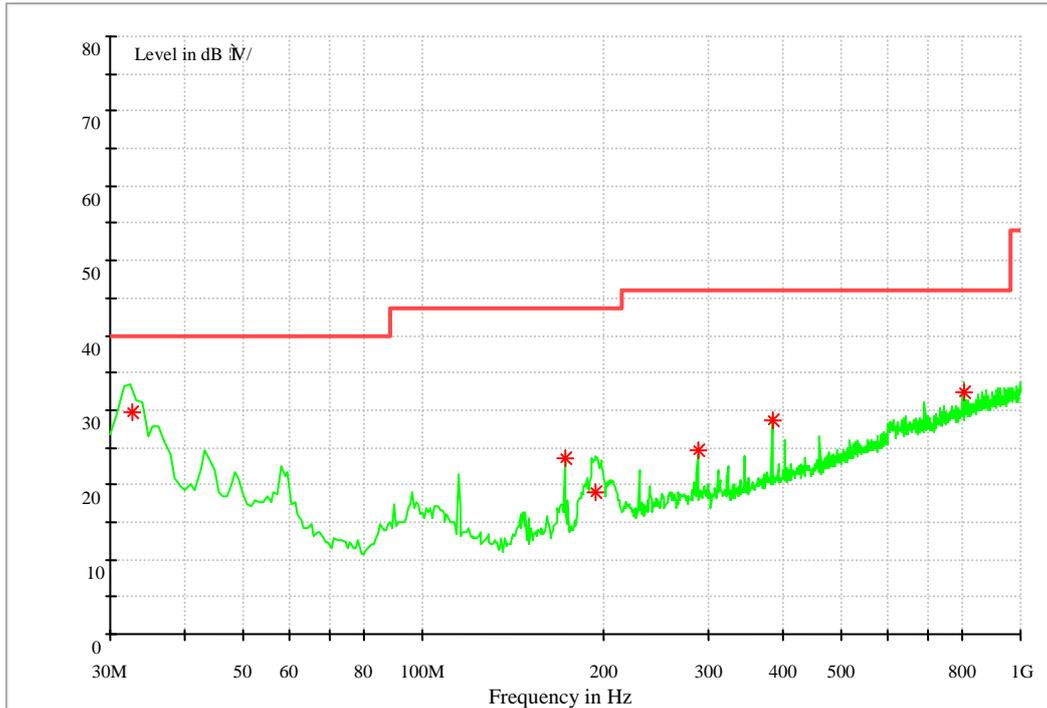
Radiated Spurious Emission & Spurious in Restricted Band (according to FCC Part 15.247(d) & 15.205 & 15.209)

Note: Simultaneous transmission was investigated and no new emissions were found.

Part 1: Testing Range of “30 MHz to 1 GHz”

Note 1: The test results and plot for testing range of “30 MHz to 1 GHz” showed as below is **the WORST case for all Test Modes and Channels**. This range will not be presented for each Test Mode and each Channel.

Note 2: **The emissions in this range are mainly from the Platform Device (Notepad PC and its ancillary components).**

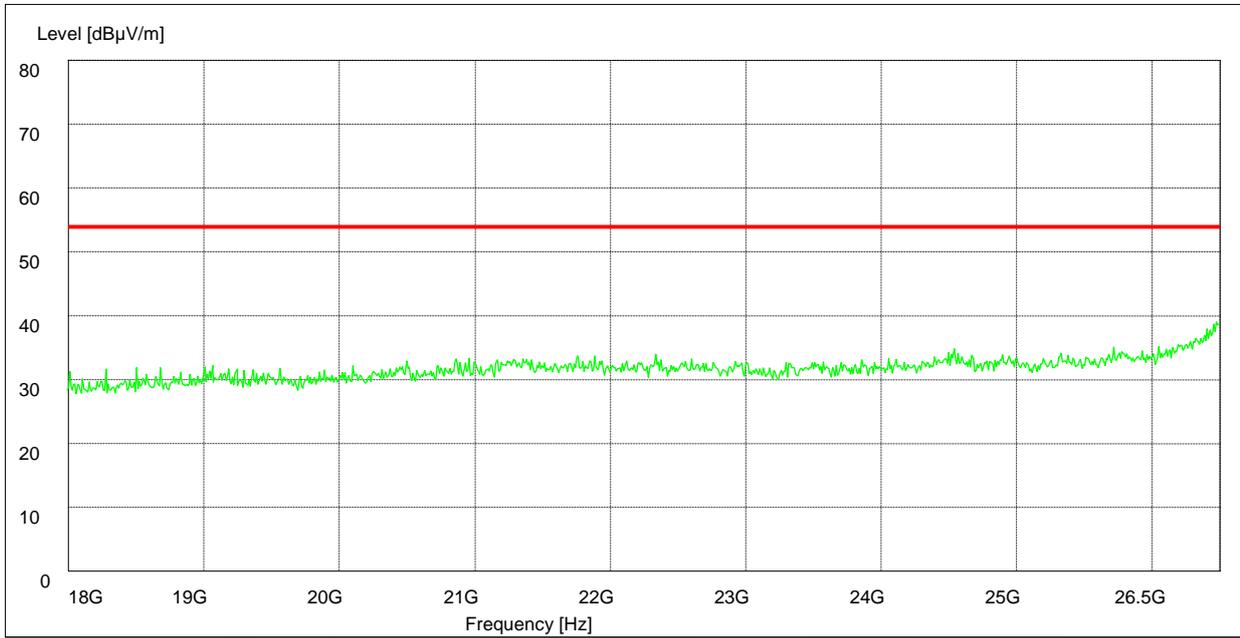


Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Plarization
32.639040	29.6	12.0	40.0	10.4	100.0	150.0	VERTICAL
172.803200	23.6	10.7	43.5	19.9	207.0	95.0	HORIZONTAL
194.896320	19.0	12.1	43.5	24.5	100.0	170.0	VERTICAL
287.993280	24.5	15.7	46.0	21.5	100.0	276.0	HORIZONTAL
383.988480	28.6	18.3	46.0	17.4	100.0	89.0	HORIZONTAL
806.424640	32.3	25.6	46.0	13.7	100.0	234.0	HORIZONTAL



Part 2: Testing Range of “18 GHz to 26.5 GHz”

Note: No peak found in pre- test.

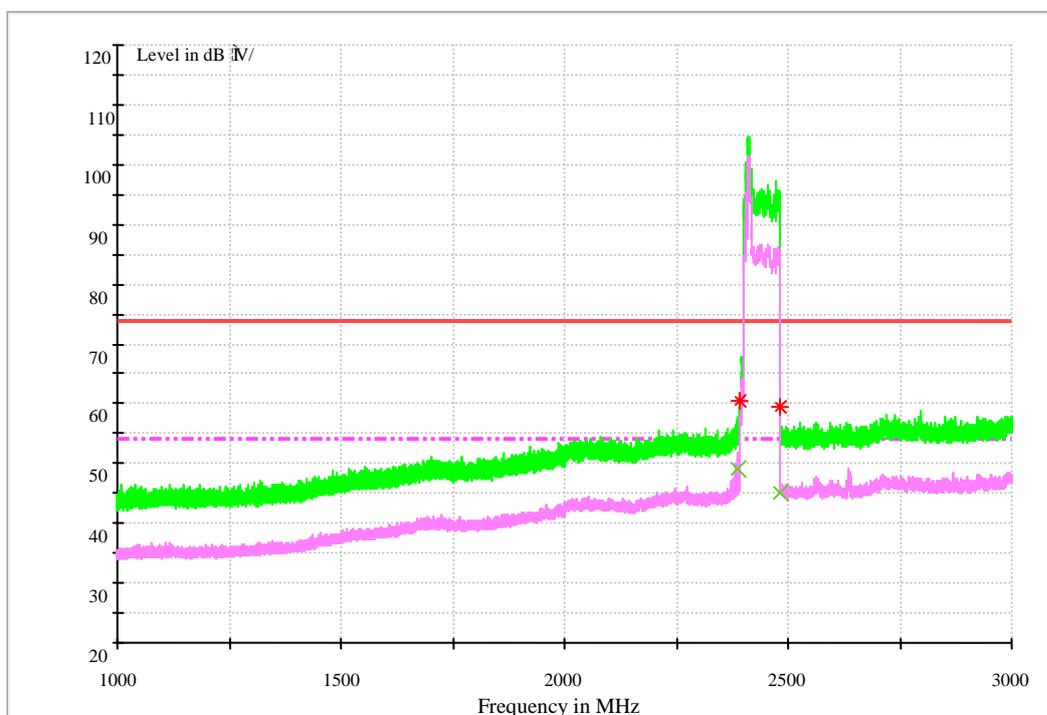


Part 3: Testing Range of “1GHz to 3GHz”

- Note 1: The testing range of “2.3 GHz to 2.5 GHz” is for checking radiated emissions located in restricted bands near the EUT operating bands.
- Note 2: Two limits are required in the testing range above 1 GHz, that is Peak limit (74 dB μ V/m) and Average Limit (54 dB μ V/m).
- Note 3: The peak spike exceeds the limit line is EUT’s operating frequency.

1 Test Mode: 11b

1.1 Channel 01



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

MEASUREMENT RESULT: PK Detector

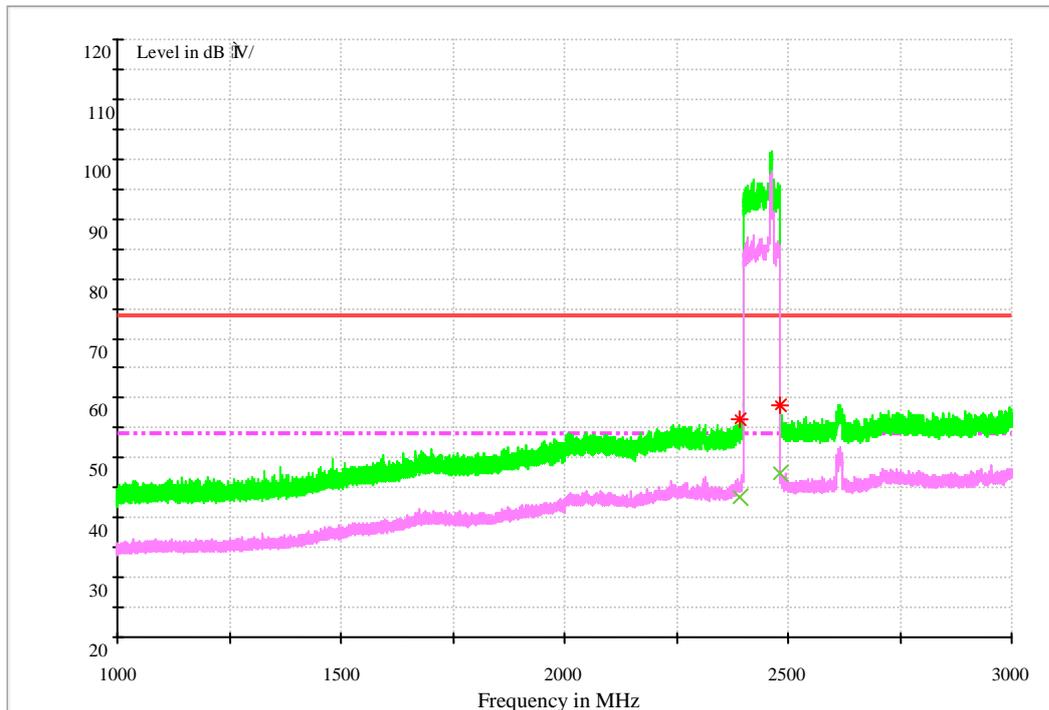
Frequency MHz	Level dB μ V/m	Transd dB	Limit dB μ V/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	60.6	38.3	74.0	13.4	100.0	172.0	HORIZONTAL
2483.500000	59.4	40.6	74.0	14.6	100.0	165.0	HORIZONTAL



MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dB μ V/m	Transd dB	Limit dB μ V/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	49.3	38.3	54.0	4.7	100.0	165.0	HORIZONTAL
2483.500000	45.1	40.6	54.0	8.9	100.0	324.0	HORIZONTAL

1.2 Channel 11



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

MEASUREMENT RESULT: PK Detector

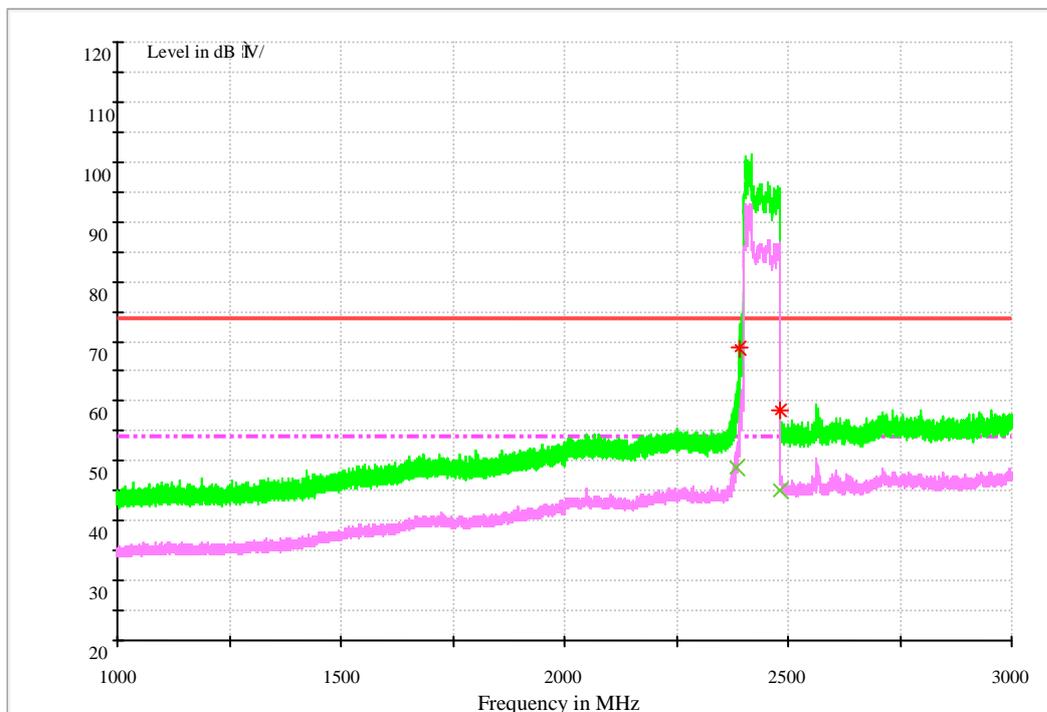
Frequency MHz	Level dB μ V/m	Transd dB	Limit dB μ V/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	56.6	38.3	74.0	17.4	136.0	38.0	HORIZONTAL
2483.500000	58.8	40.6	74.0	15.2	113.0	271.0	HORIZONTAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dB μ V/m	Transd dB	Limit dB μ V/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	43.5	38.3	54.0	10.5	100.0	222.0	HORIZONTAL
2483.500000	47.4	40.6	54.0	6.6	100.0	171.0	HORIZONTAL

2 Test Mode: 11g

2.1 Channel 01



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

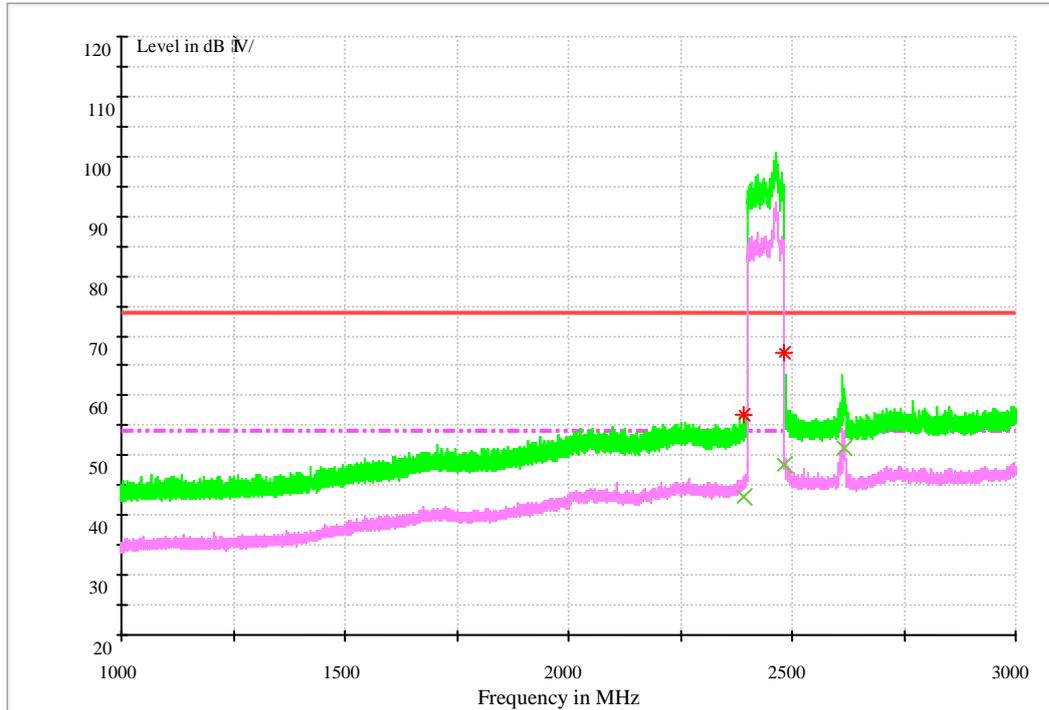
MEASUREMENT RESULT: PK Detector

Frequency MHz	Level dB μ V/m	Transd dB	Limit dB μ V/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	69.8	38.3	74.0	4.2	138.0	195.0	VERTICAL
2483.500000	58.4	40.6	74.0	15.6	100.0	223.0	VERTICAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dB μ V/m	Transd dB	Limit dB μ V/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	49.7	38.3	54.0	4.3	100.0	120.0	VERTICAL
2483.500000	45.2	40.6	54.0	8.8	100.0	268.0	HORIZONTAL

2.2 Channel 11



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

MEASUREMENT RESULT: PK Detector

Frequency MHz	Level dB μ V/m	Transd dB	Limit dB μ V/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	56.9	38.3	74.0	17.1	100.0	226.0	VERTICAL
2483.500000	67.1	40.6	74.0	6.9	100.0	131.0	HORIZONTAL

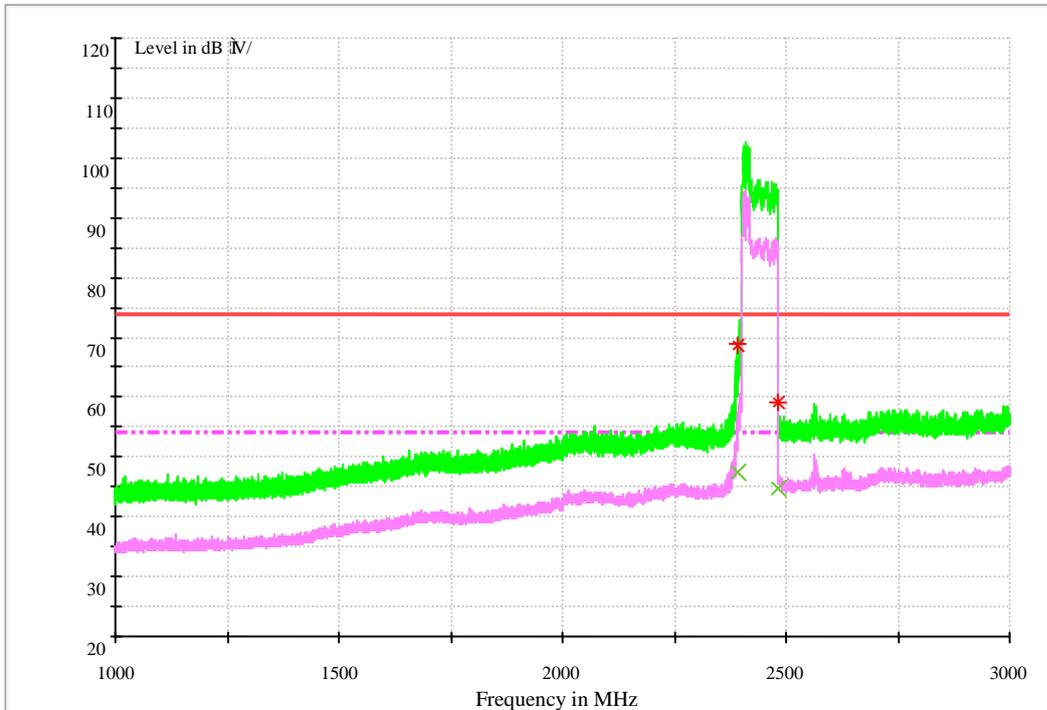
MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dB μ V/m	Transd dB	Limit dB μ V/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	43.2	38.3	54.0	10.8	100.0	7.0	HORIZONTAL
2483.500000	48.6	40.6	54.0	5.4	100.0	119.0	HORIZONTAL
2614.238234	51.9	39.6	/	/	100.0	168.0	HORIZONTAL

Remark: It is not limit between 2500MHz and 2690MHz.

3 Test Mode: 11n

3.1 Channel 01



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

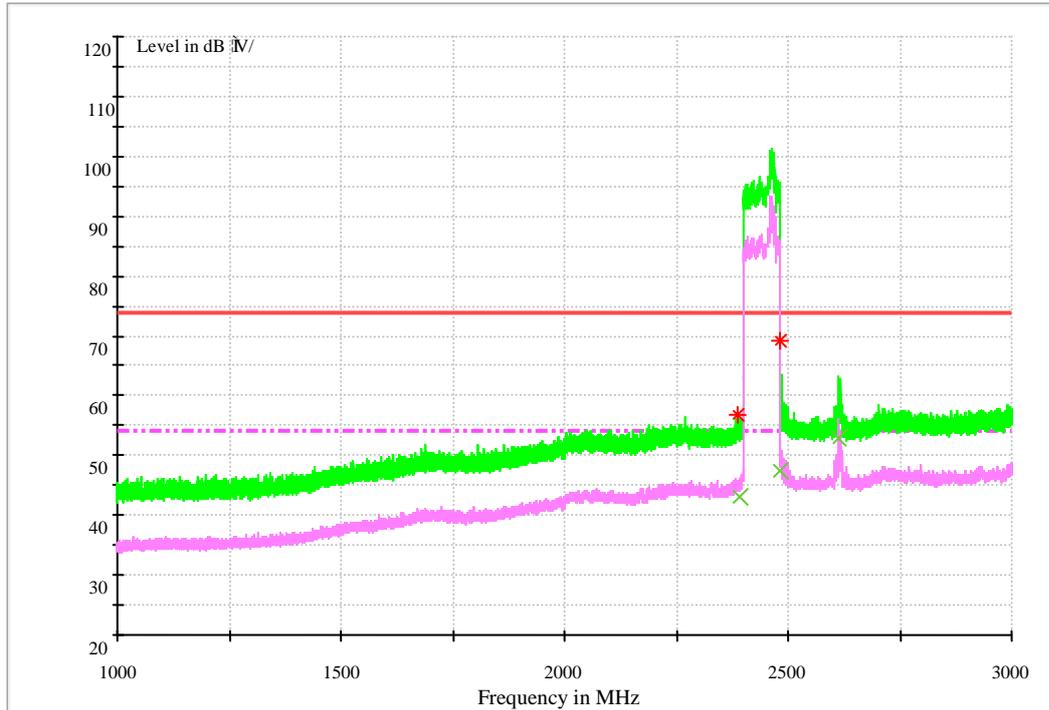
MEASUREMENT RESULT: PK Detector

Frequency MHz	Level dB μ V/m	Transd dB	Limit dB μ V/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	69.5	38.3	74.0	4.5	100.0	117.0	HORIZONTAL
2483.500000	59.1	40.6	74.0	14.9	123.0	0.0	VERTICAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dB μ V/m	Transd dB	Limit dB μ V/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	47.5	38.3	54.0	6.5	100.0	72.0	HORIZONTAL
2483.500000	44.8	40.6	54.0	9.2	100.0	0.0	HORIZONTAL

3.2 Channel 11



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

MEASUREMENT RESULT: PK Detector

Frequency MHz	Level dB μ V/m	Transd dB	Limit dB μ V/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	56.8	38.3	74.0	17.2	150.0	-45.0	VERTICAL
2483.500000	69.1	40.6	74.0	4.9	154.0	129.0	HORIZONTAL

MEASUREMENT RESULT: AV Detector

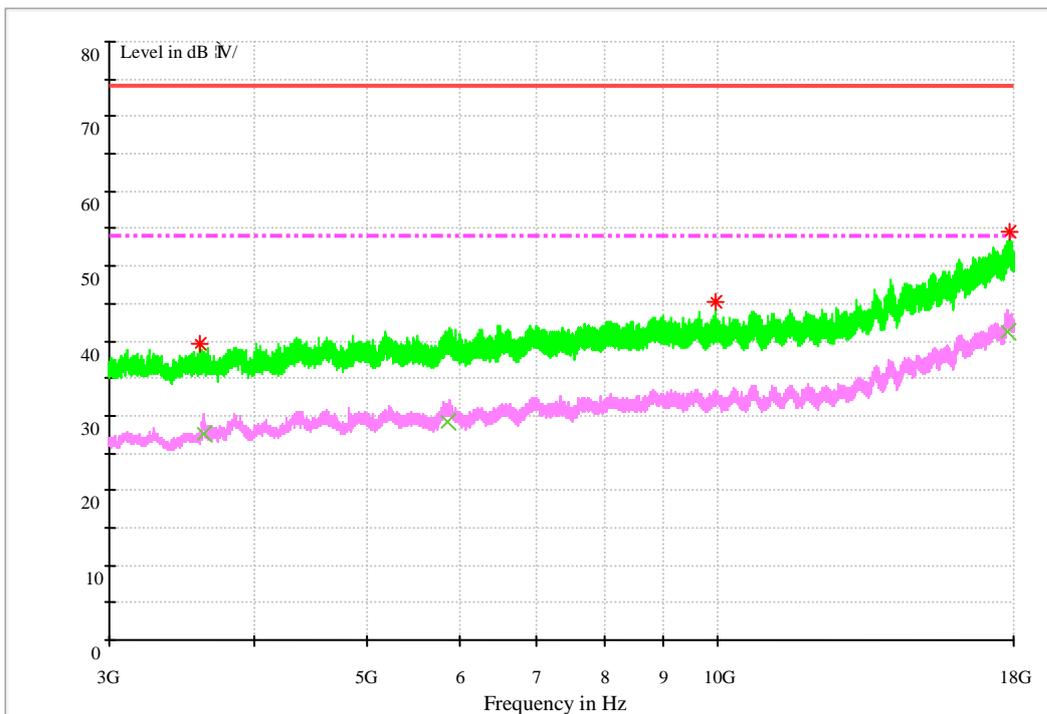
Frequency MHz	Level dB μ V/m	Transd dB	Limit dB μ V/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	43.1	38.3	54.0	10.9	153.0	0.0	VERTICAL
2483.500000	47.5	40.6	54.0	6.5	109.0	117.0	HORIZONTAL
2614.246729	53.2	39.6	/	/	100.0	147.0	HORIZONTAL

Remark: It is not limit between 2500MHz and 2690MHz.

3.3

Part 4: Testing Range of “3 GHz to 18 GHz”

- Note 1: The test results and plot for testing range of “3 GHz to 18 GHz” showed as below is **the WORST case for all Test Modes and Channels**. This range will not be presented for each Test Mode and each Channel.
- Note 2: The testing range of “3 GHz to 18 GHz” is for checking radiated emissions located in restricted bands faraway from the EUT operating bands.
- Note 3: Two limits are required in the testing range above 1 GHz, that is Peak limit (74 dB μ V/m) and Average Limit (54 dB μ V/m).



MEASUREMENT RESULT: PK Detector

Frequency MHz	Level dB μ V/m	Transd dB	Limit dB μ V/m	Margin dB	Height cm	Azimuth deg	Polarization
3596.030000	39.7	-2.3	74.0	34.3	114.0	-30.0	VERTICAL
9978.331333	45.1	10.0	74.0	28.9	100.0	182.0	VERTICAL
17854.612667	54.6	28.3	74.0	19.4	140.0	295.0	VERTICAL



MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dB μ V/m	Transd dB	Limit dB μ V/m	Margin dB	Height cm	Azimuth deg	Polarization
3612.676000	27.6	-2.1	54.0	26.4	100.0	22.0	HORIZONTAL
5869.608000	29.1	4.0	54.0	24.9	100.0	54.0	HORIZONTAL
17782.249333	41.3	28.5	54.0	12.7	115.0	307.0	VERTICAL

-----THE END-----



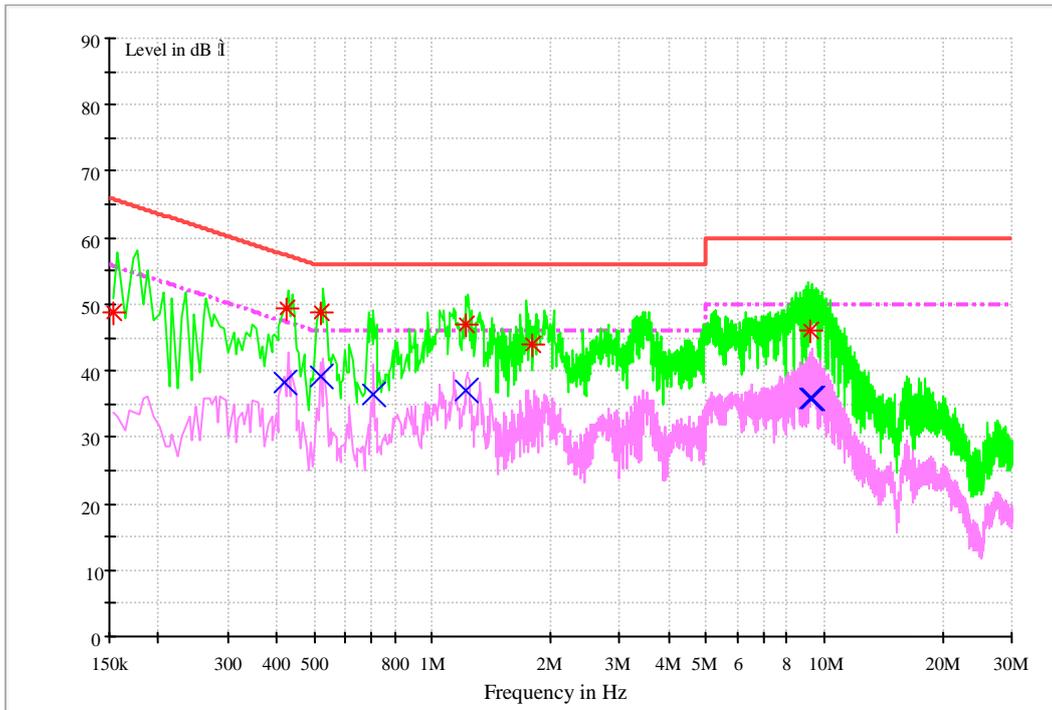
Appendix G

Conducted Emission at Power Port

According to FCC Part 15.207



Channel 6



MEASUREMENT RESULT: QP Detector

Frequency	Level	Transducer	Limit	Margin	Line	PE
MHz	dB μ V	dB	dB μ V	dB		
0.152976	48.7	9.7	65.8	17.1	L1	FLO
0.425839	49.3	9.7	57.3	8.0	L1	FLO
0.517788	48.7	9.7	56.0	7.3	L1	FLO
1.221982	47.1	9.7	56.0	8.9	L1	FLO
1.791104	44.0	9.7	56.0	12.0	L1	FLO
9.172362	46.1	9.9	60.0	13.9	L1	FLO



MEASUREMENT RESULT: AV Detector

Frequency	Level	Transducer	Limit	Margin	Line	PE
MHz	dB μ V	dB	dB μ V	dB		
0.420304	38.3	9.7	47.4	9.1	L1	FLO
0.521298	39.0	9.7	46.0	7.0	L1	FLO
0.702893	36.5	9.7	46.0	9.5	L1	FLO
1.217194	37.1	9.7	46.0	8.9	L1	FLO
9.219434	35.9	9.9	50.0	14.1	L1	FLO
9.316140	35.9	9.9	50.0	14.1	L1	FLO

-----THE END-----