



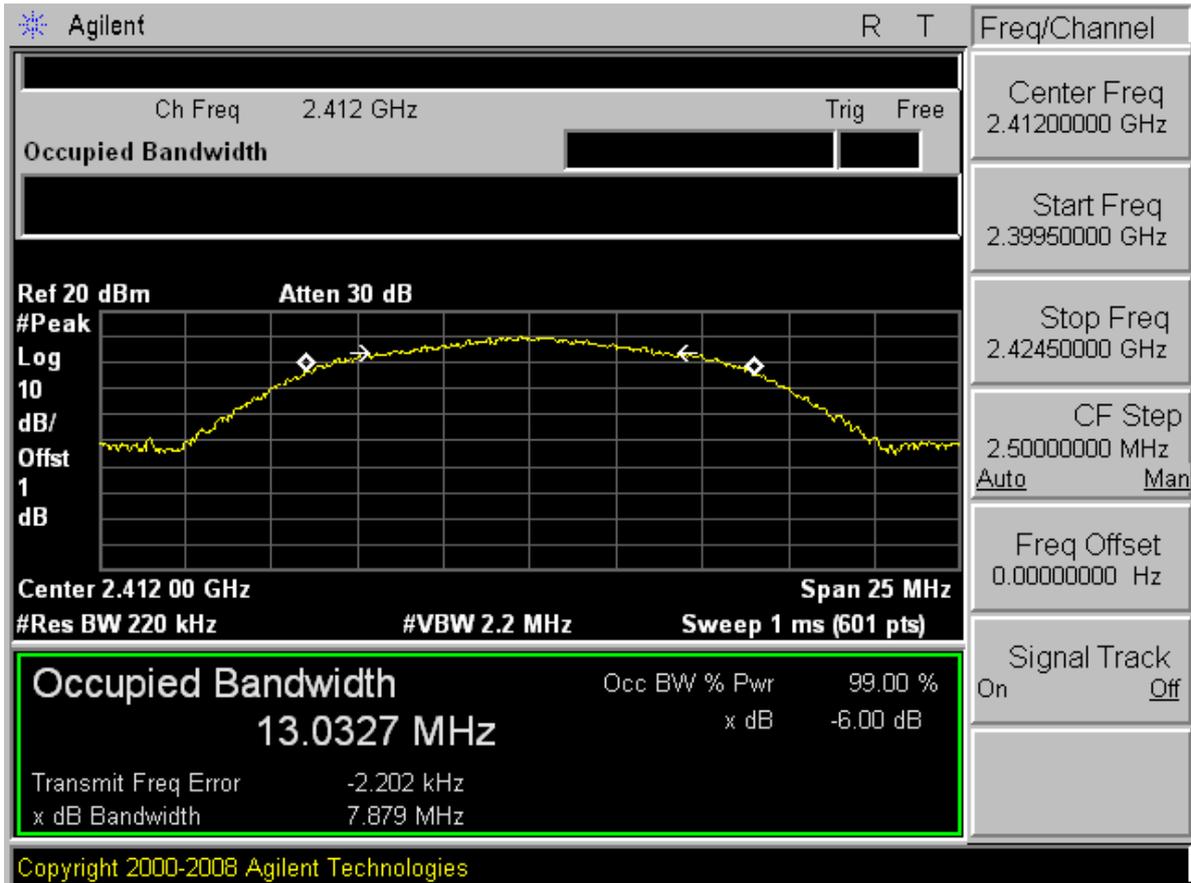
Appendix A

Bandwidth measurement

According to FCC Part 15.247 (a) (2)

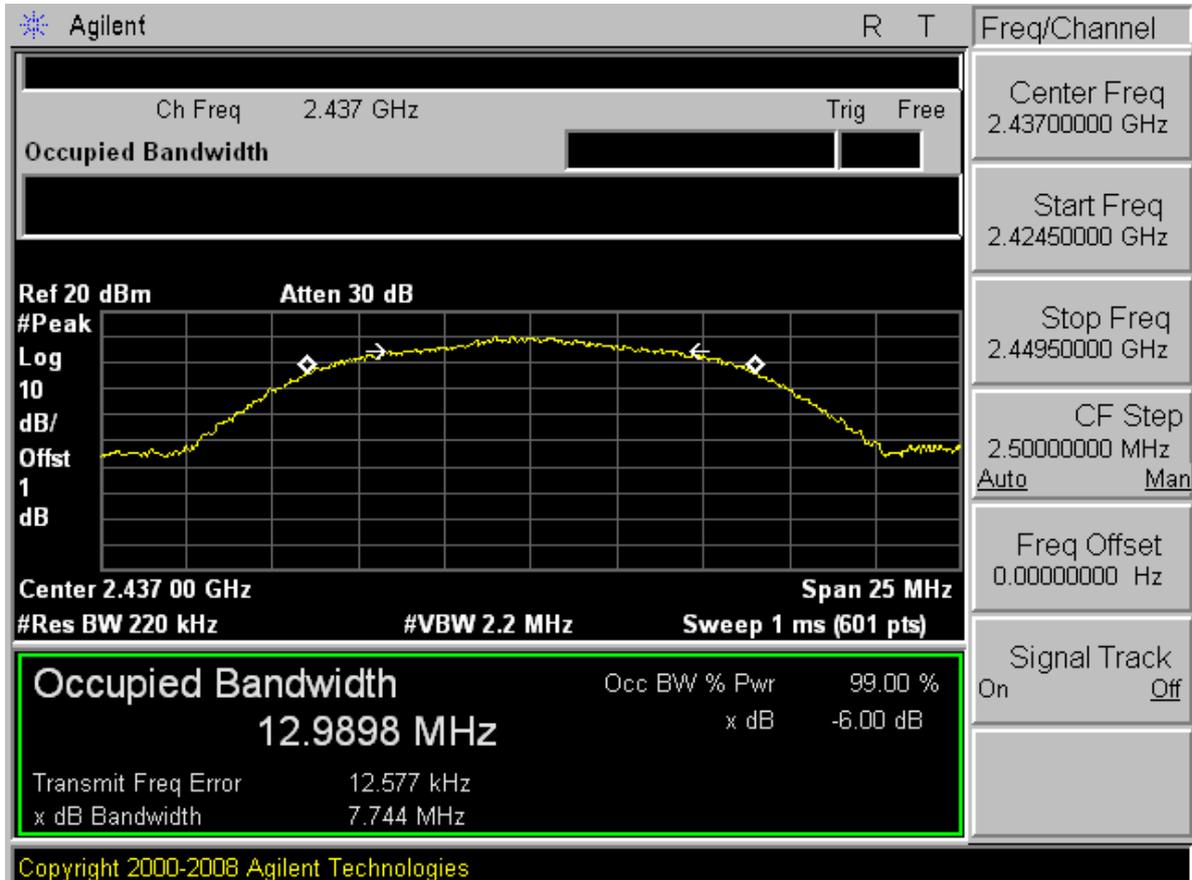


TM1 Channel 1 (2412MHz)



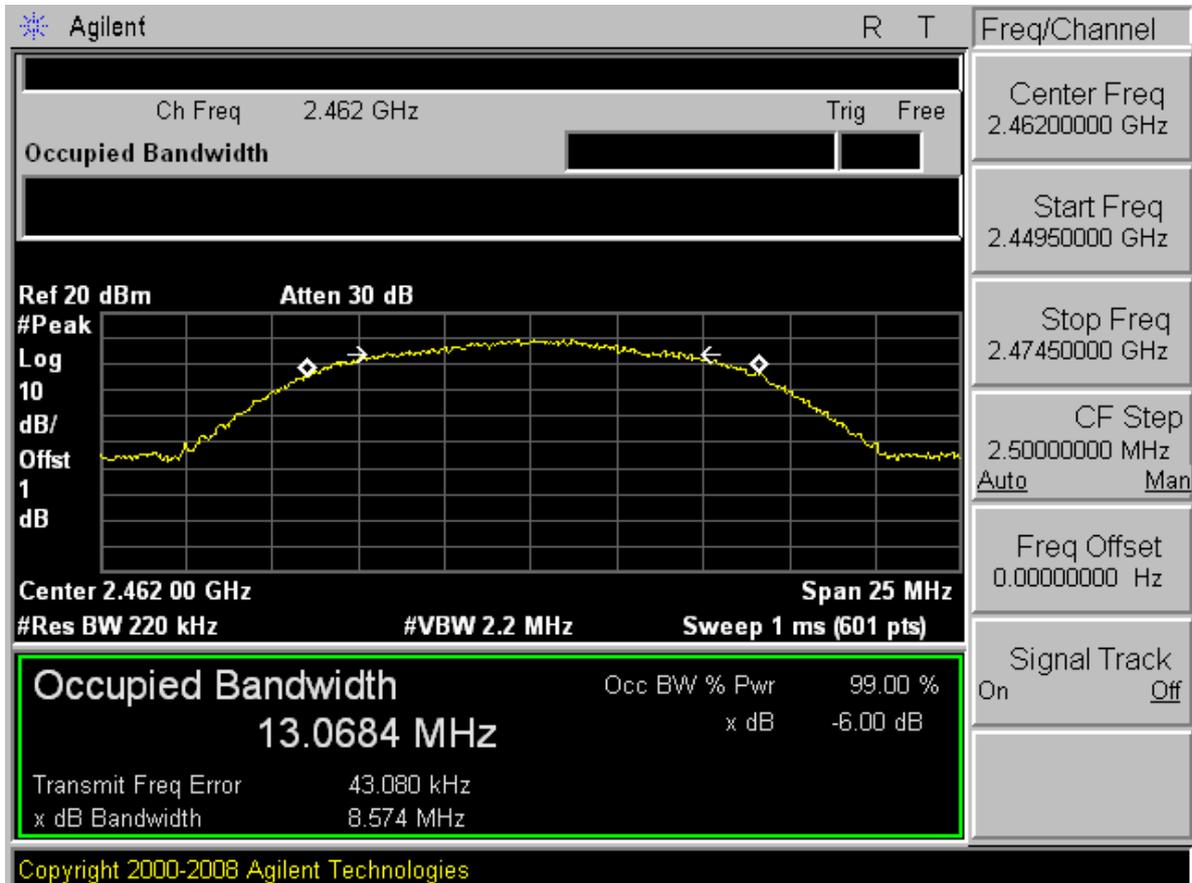


Channel 6 (2437MHz)





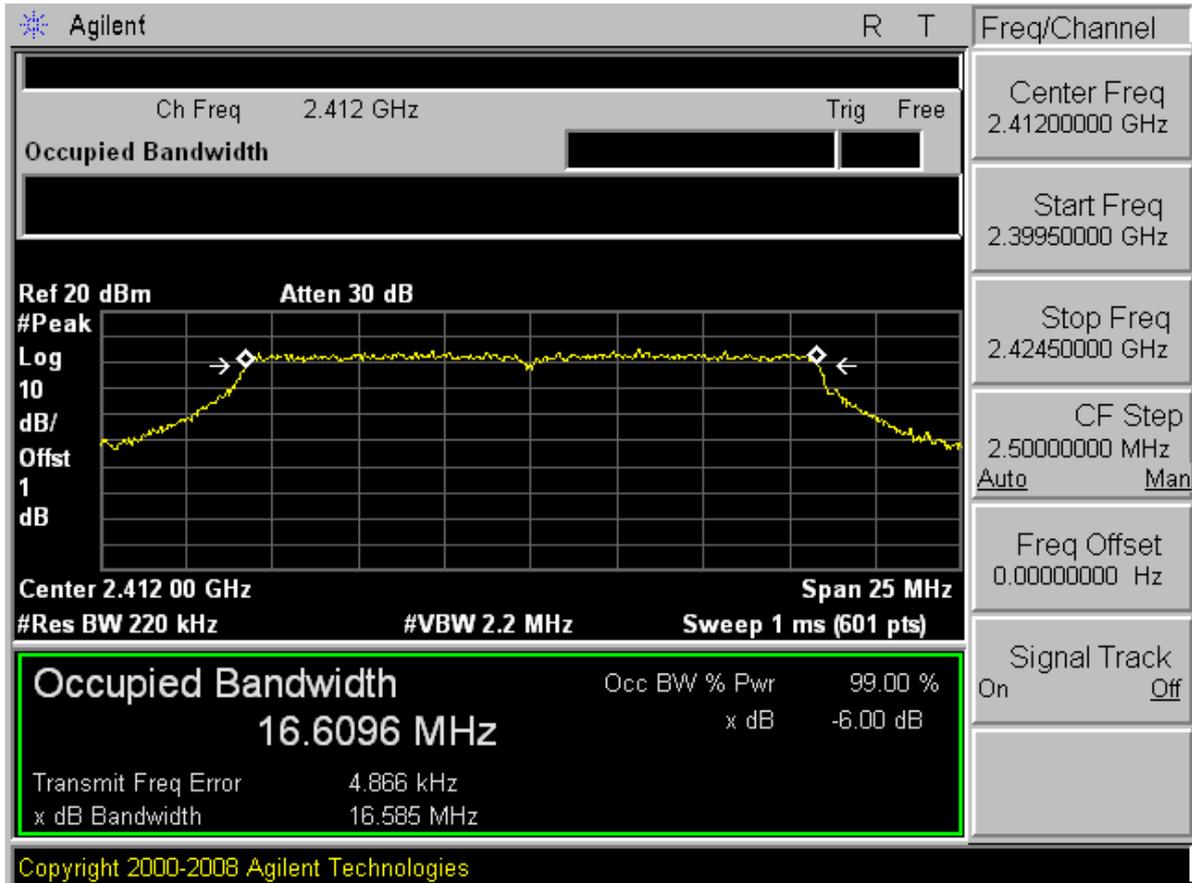
Channel 11 (2462MHz)





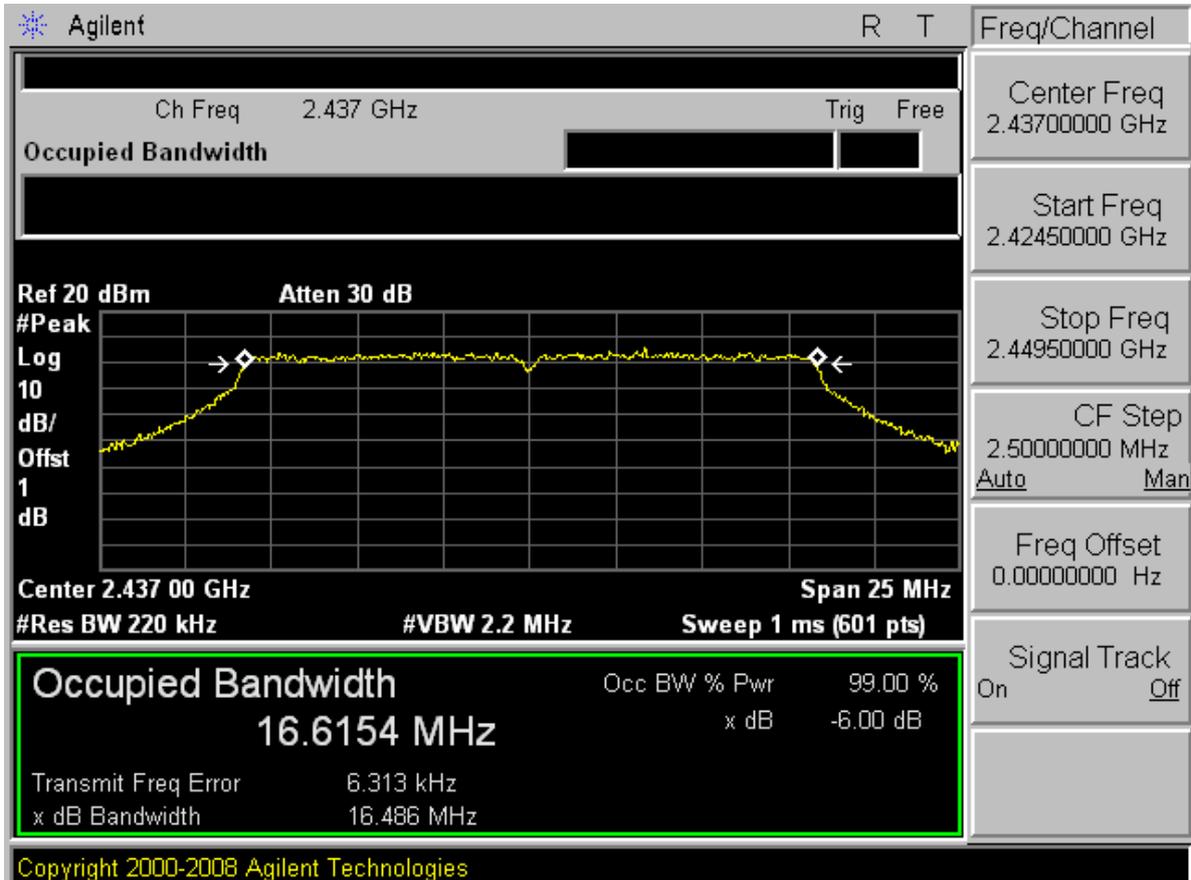
TM2

Channel 1 (2412MHz)



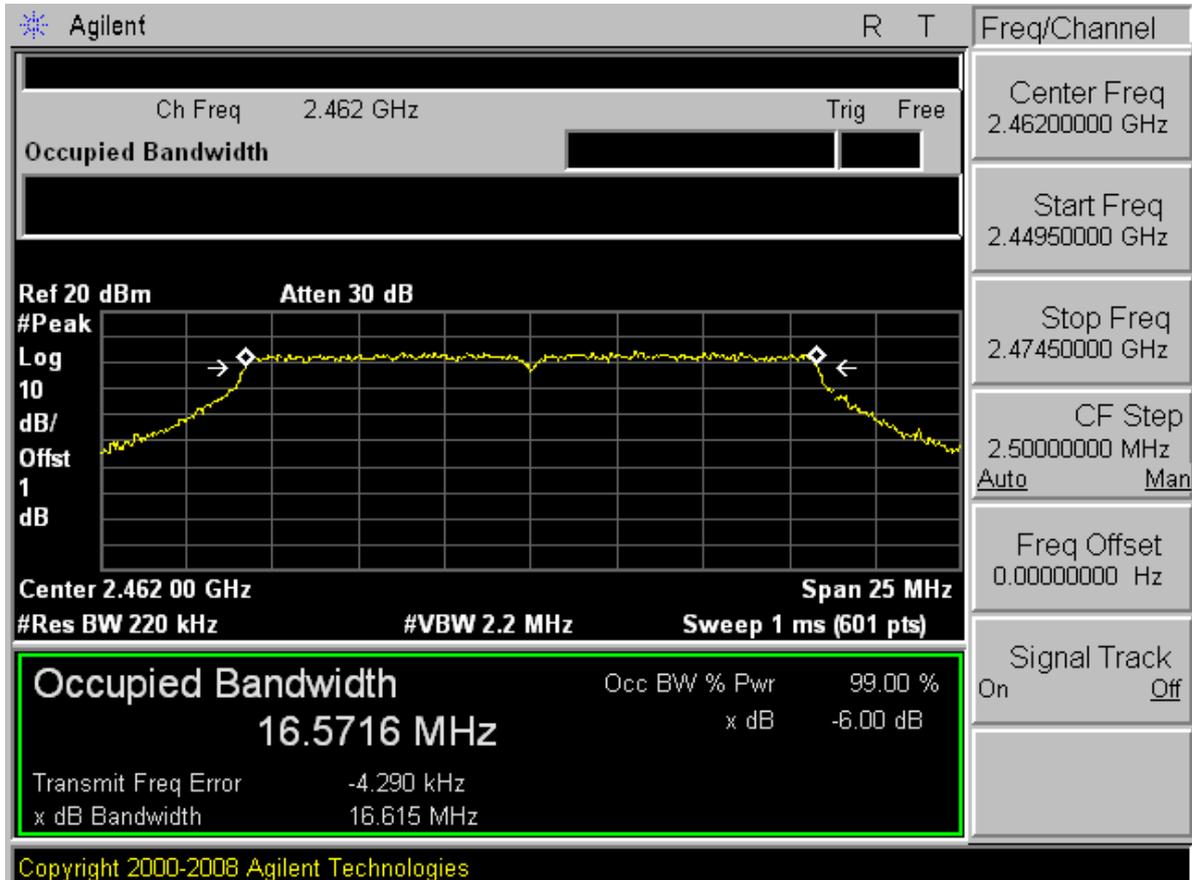


Channel 6 (2437MHz)



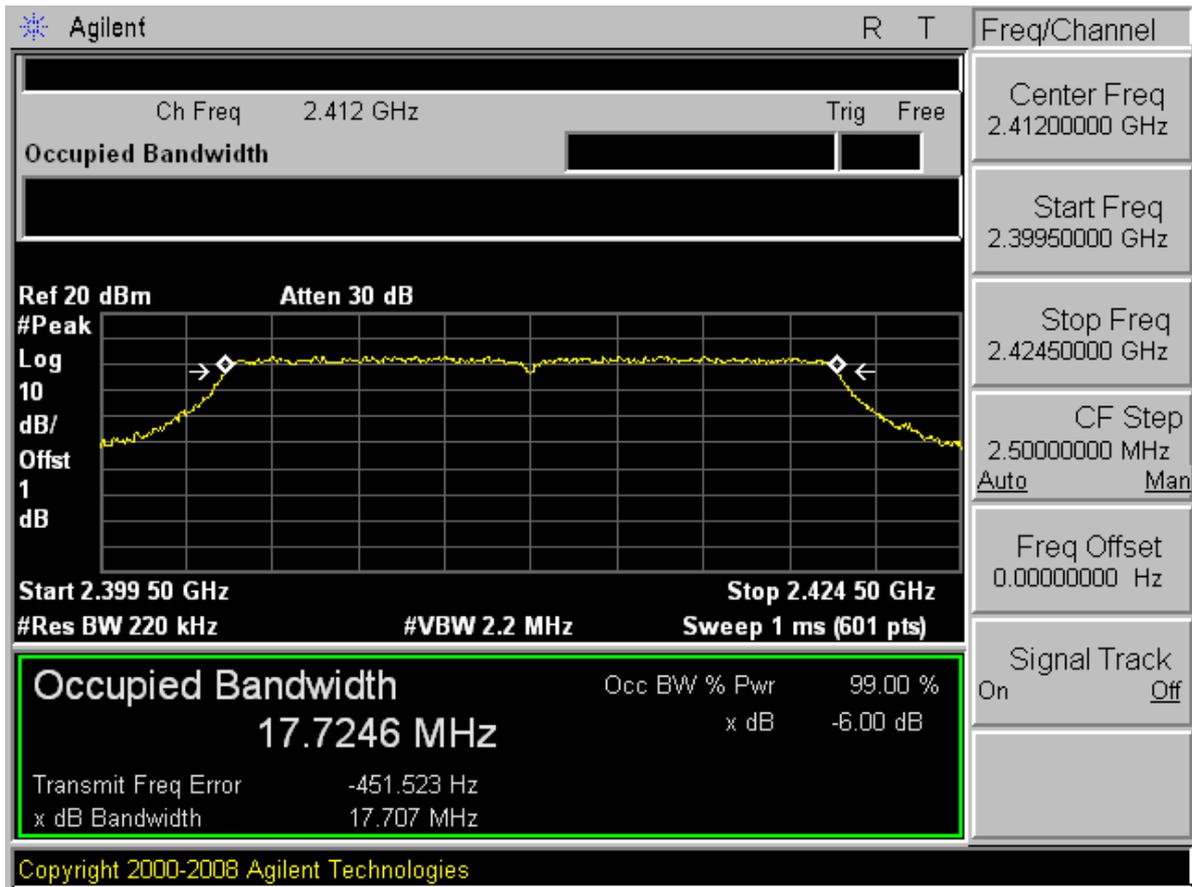


Channel 11 (2462MHz)



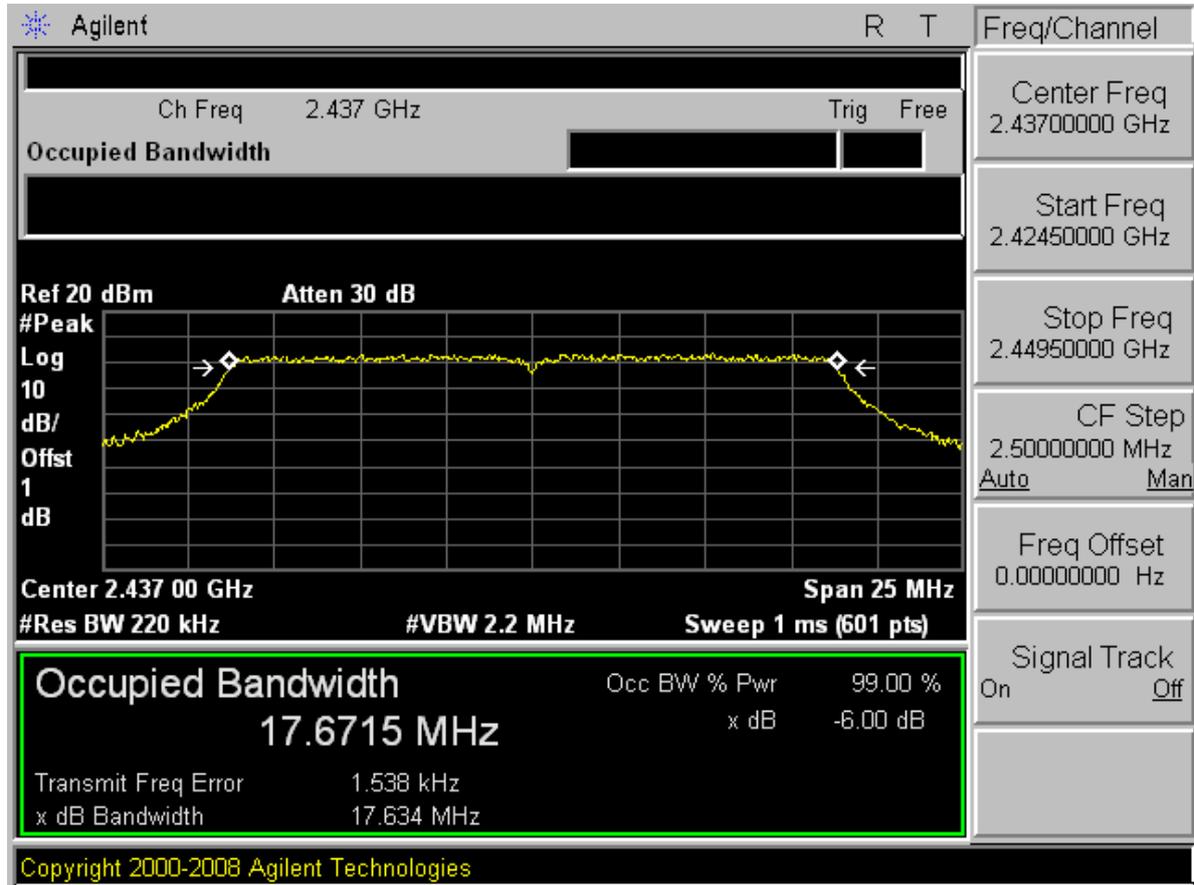


TM3 Channel 1 (2412MHz)



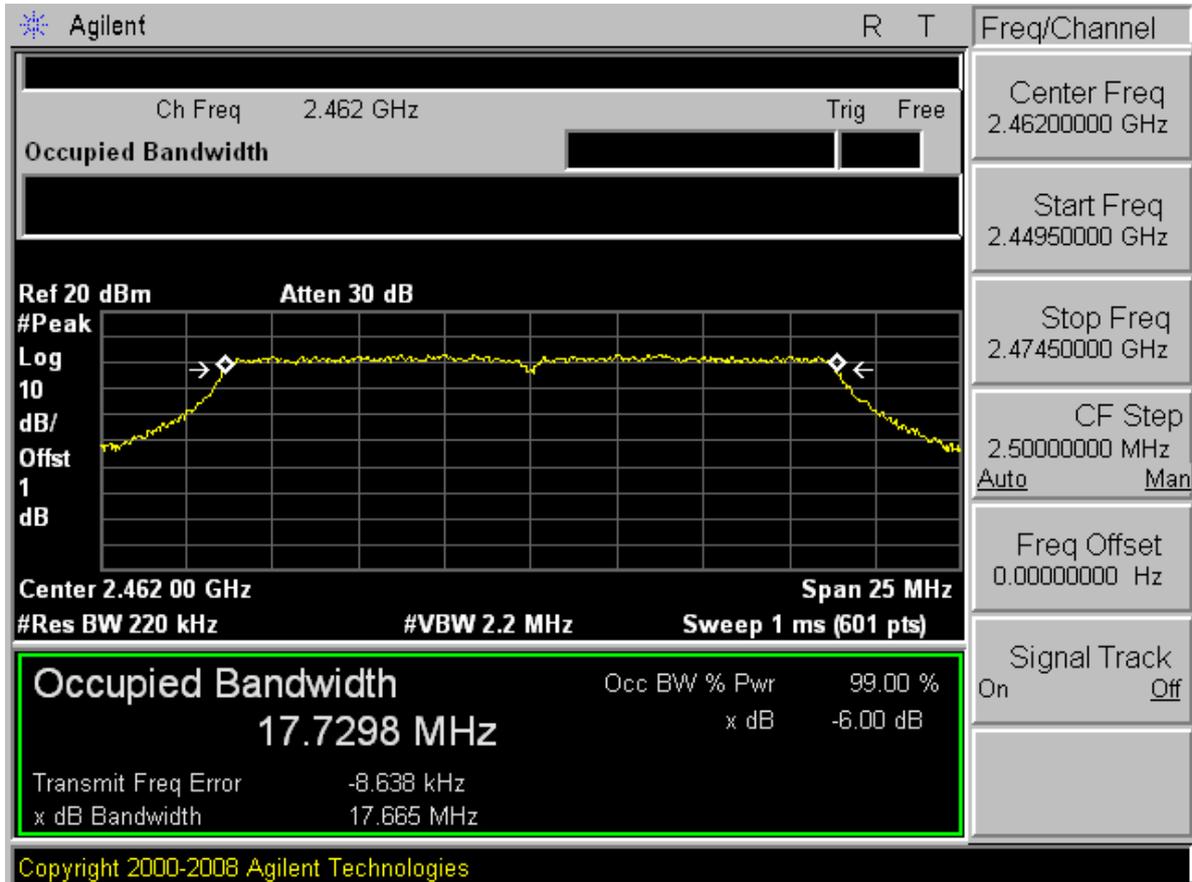


Channel 6 (2437MHz)





Channel 11 (2462MHz)



-----The END-----



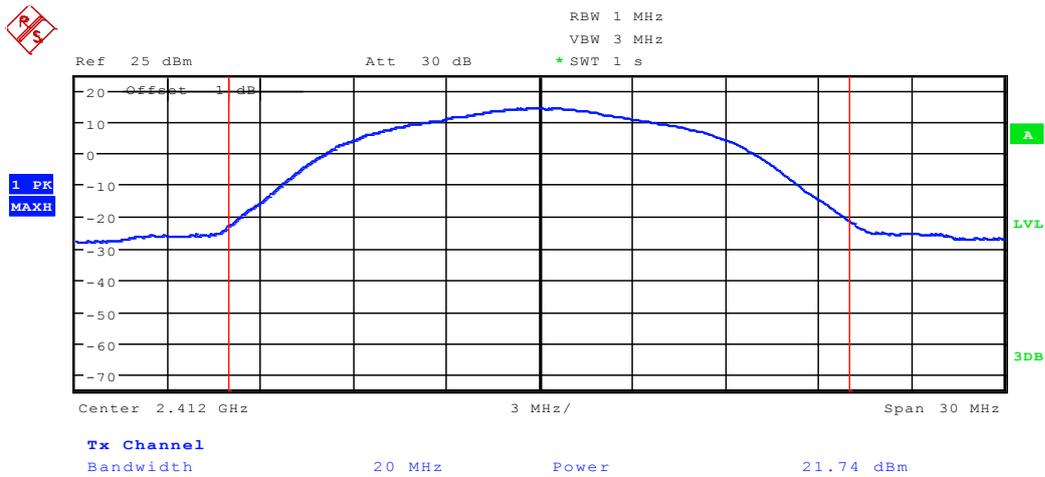
Appendix B

Conducted Peak output power

According to FCC Part 15.247 (b) (3)



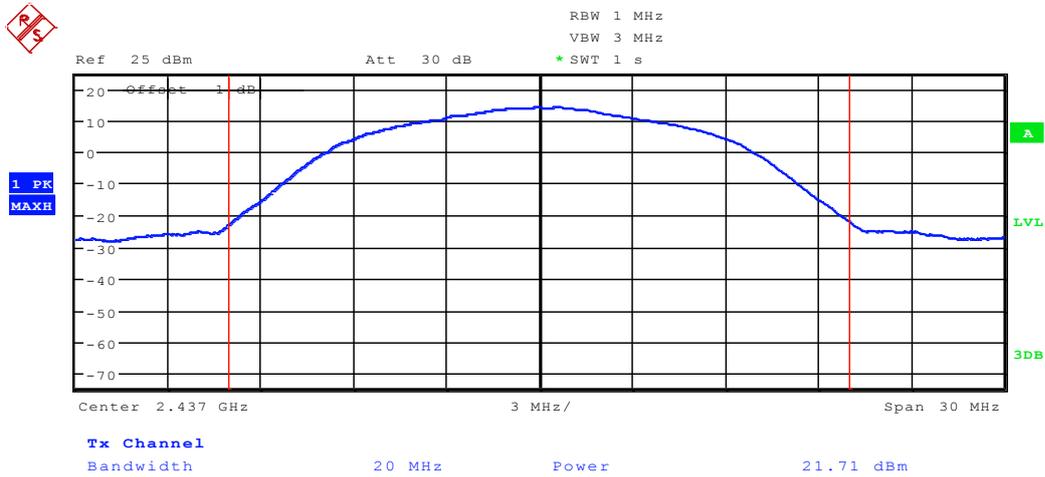
TM1 Channel 1 (2412MHz)



Date: 1.AUG.2012 09:57:40



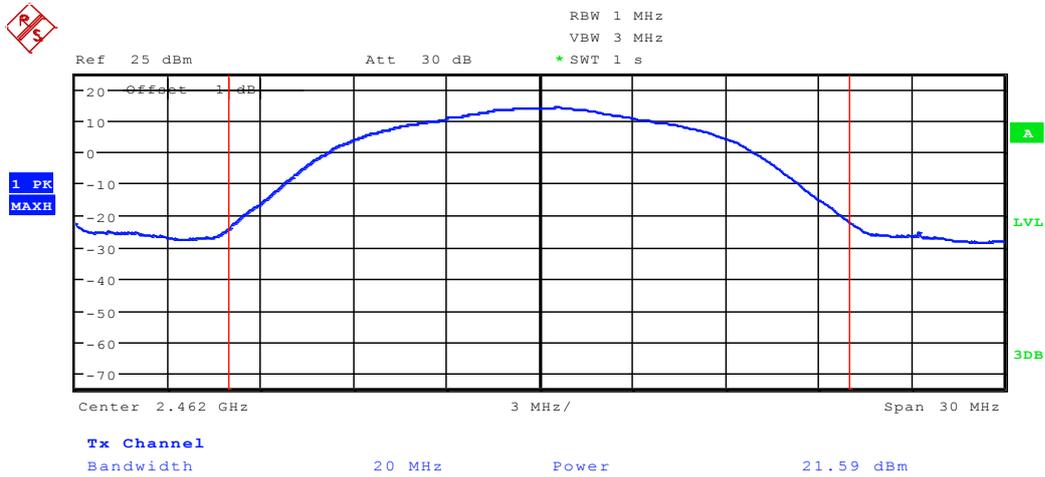
Channel 6 (2437MHz)



Date: 1.AUG.2012 10:04:48



Channel 11 (2462MHz)

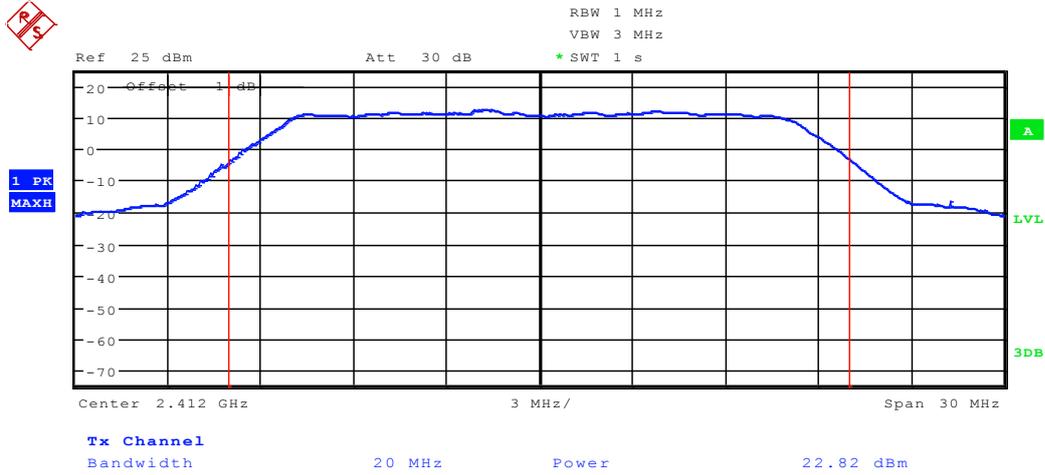


Date: 1.AUG.2012 10:18:13



TM2

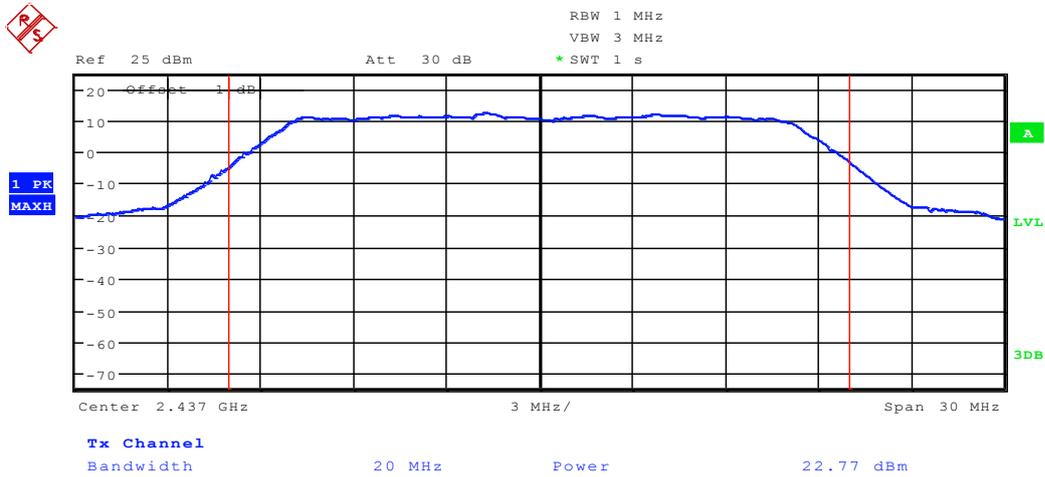
Channel 1 (2412MHz)



Date: 1.AUG.2012 10:22:20



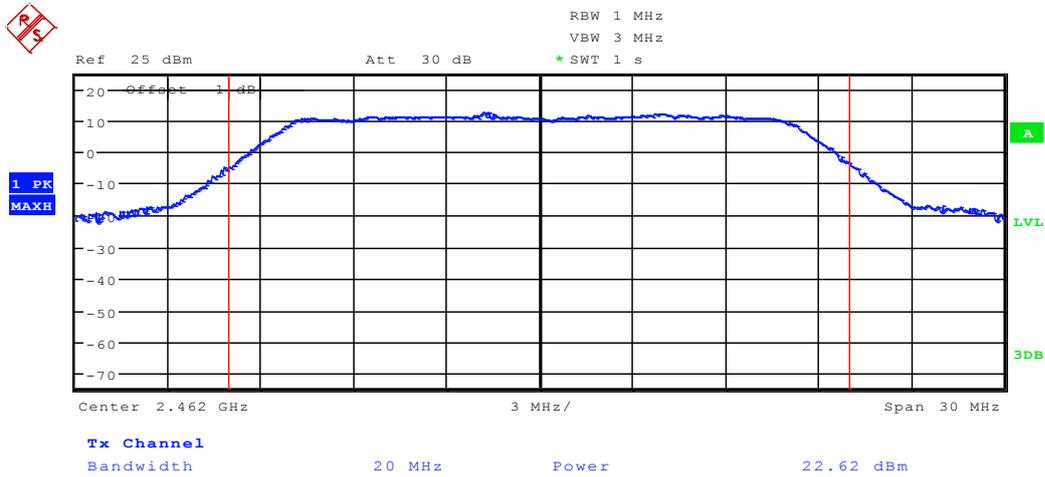
Channel 6 (2437MHz)



Date: 1.AUG.2012 10:25:09



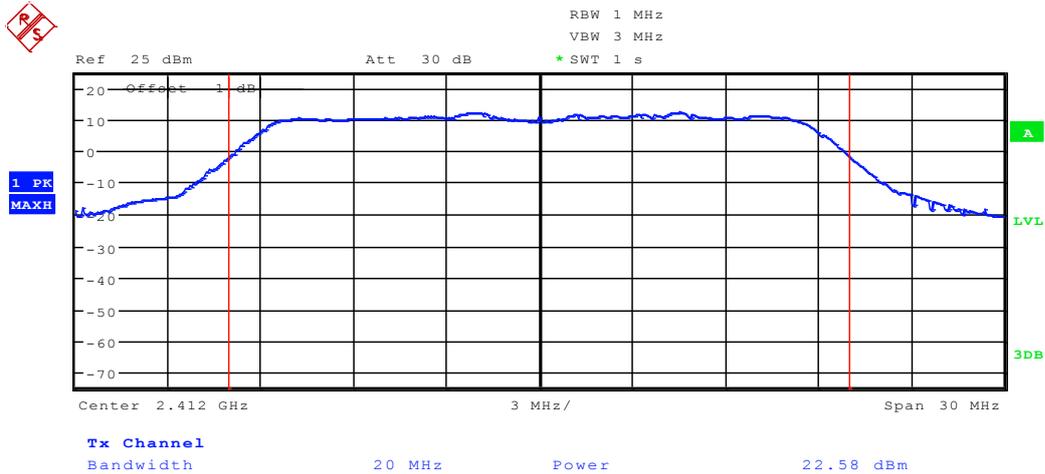
Channel 11 (2462MHz)



Date: 1.AUG.2012 10:26:09



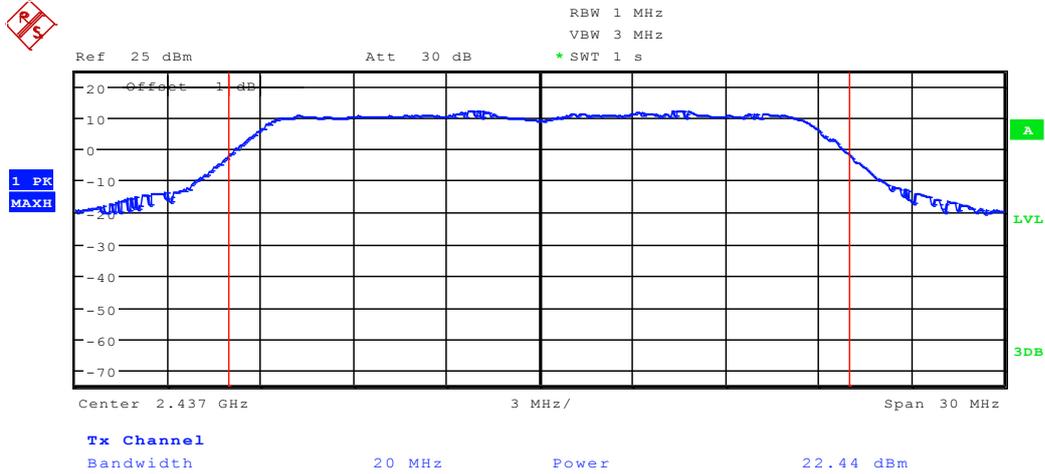
TM3 Channel 1 (2412MHz)



Date: 1.AUG.2012 10:27:32



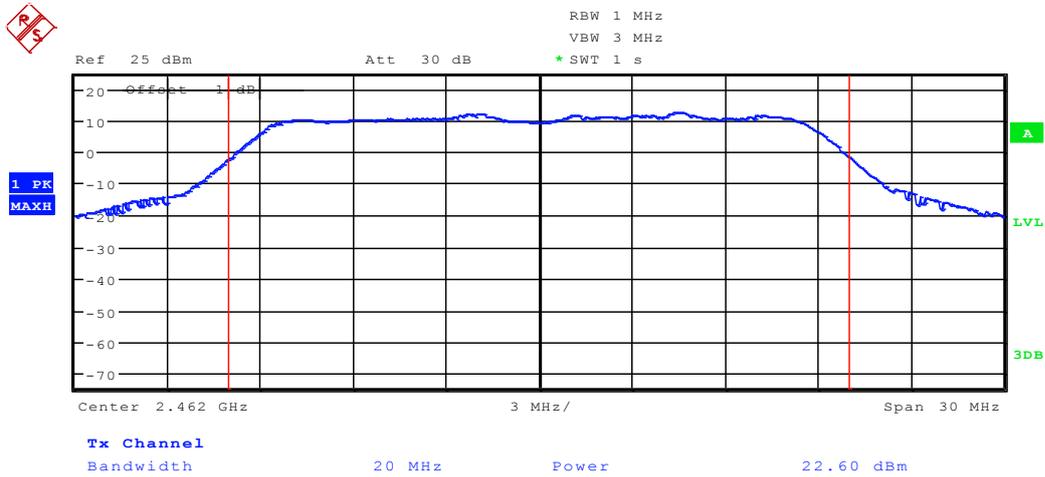
Channel 6 (2437MHz)



Date: 1.AUG.2012 10:28:24



Channel 11 (2462MHz)



Date: 1.AUG.2012 10:30:26

-----The END-----



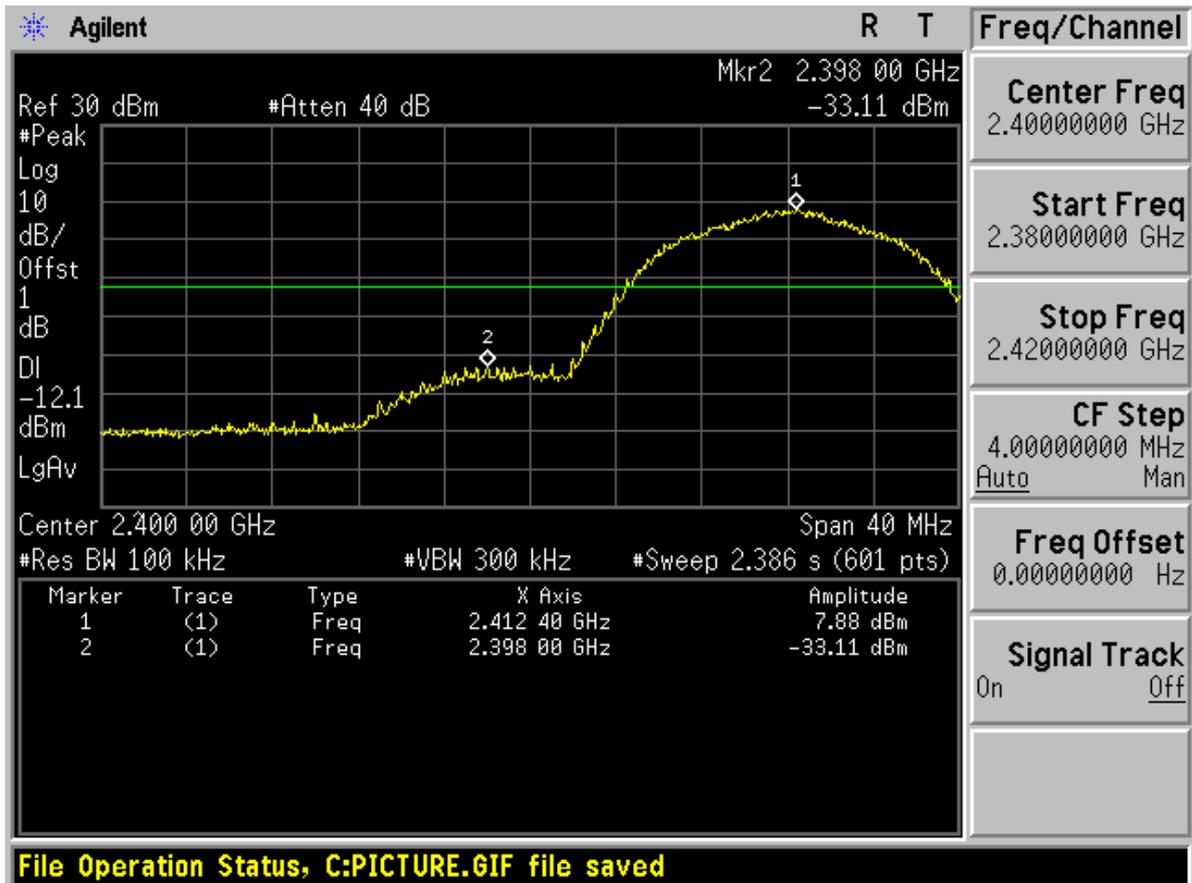
Appendix C

Band edge spurious emission

According to FCC Part 15.247 (d)

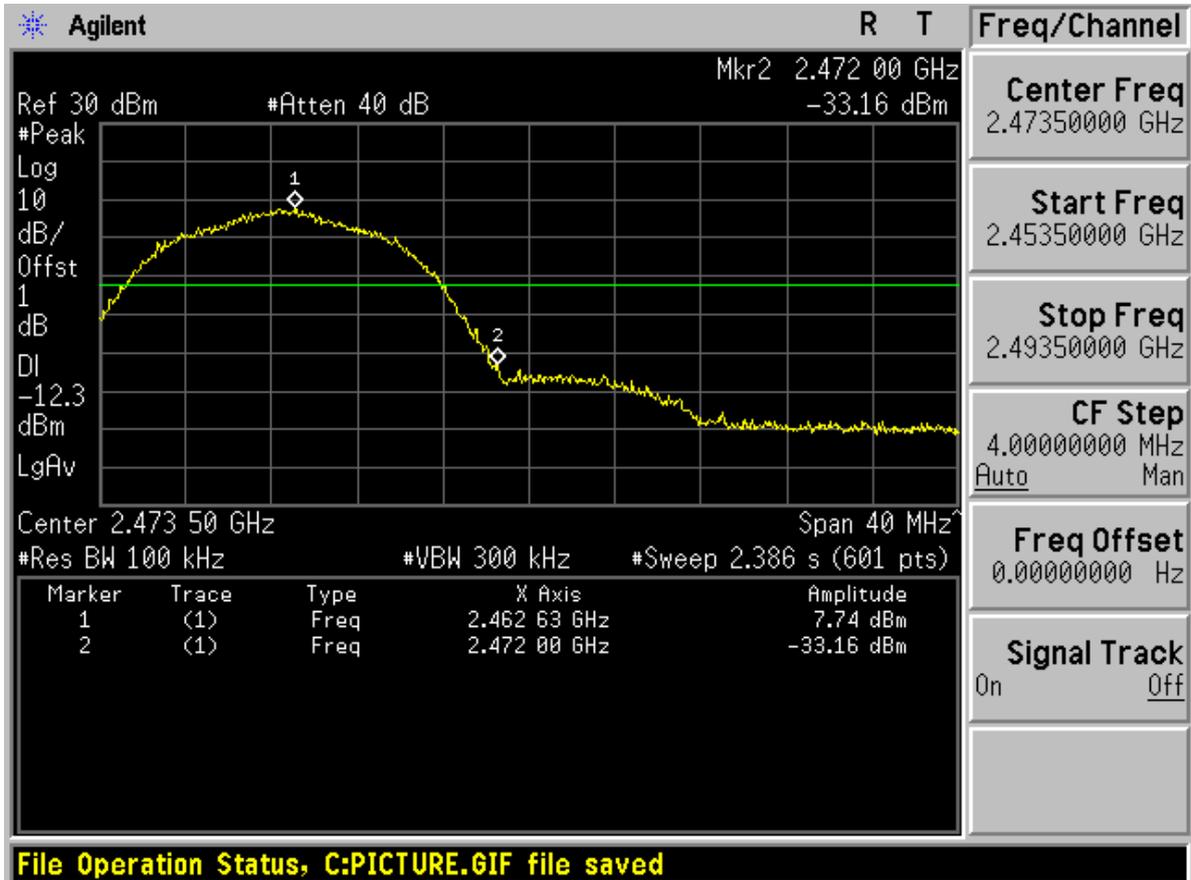


TM1 Low edge



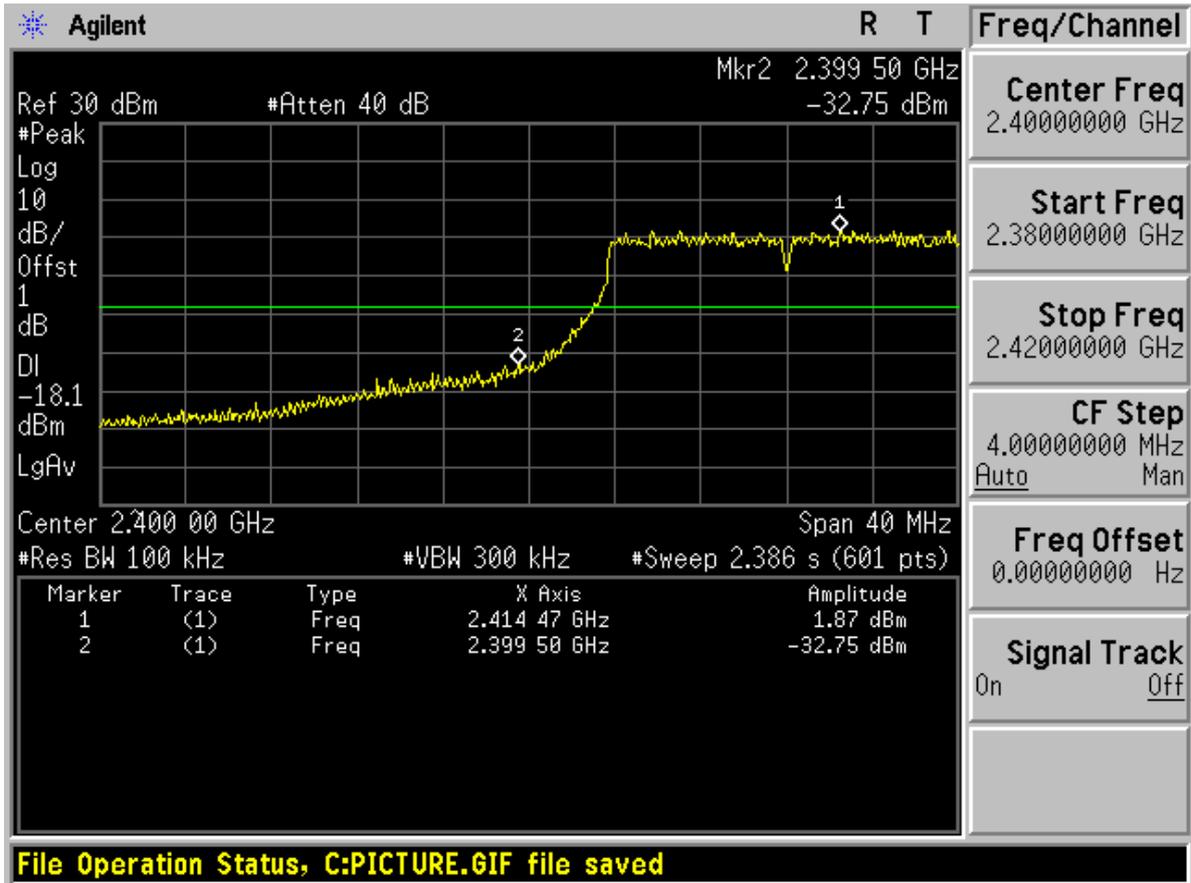


High edge



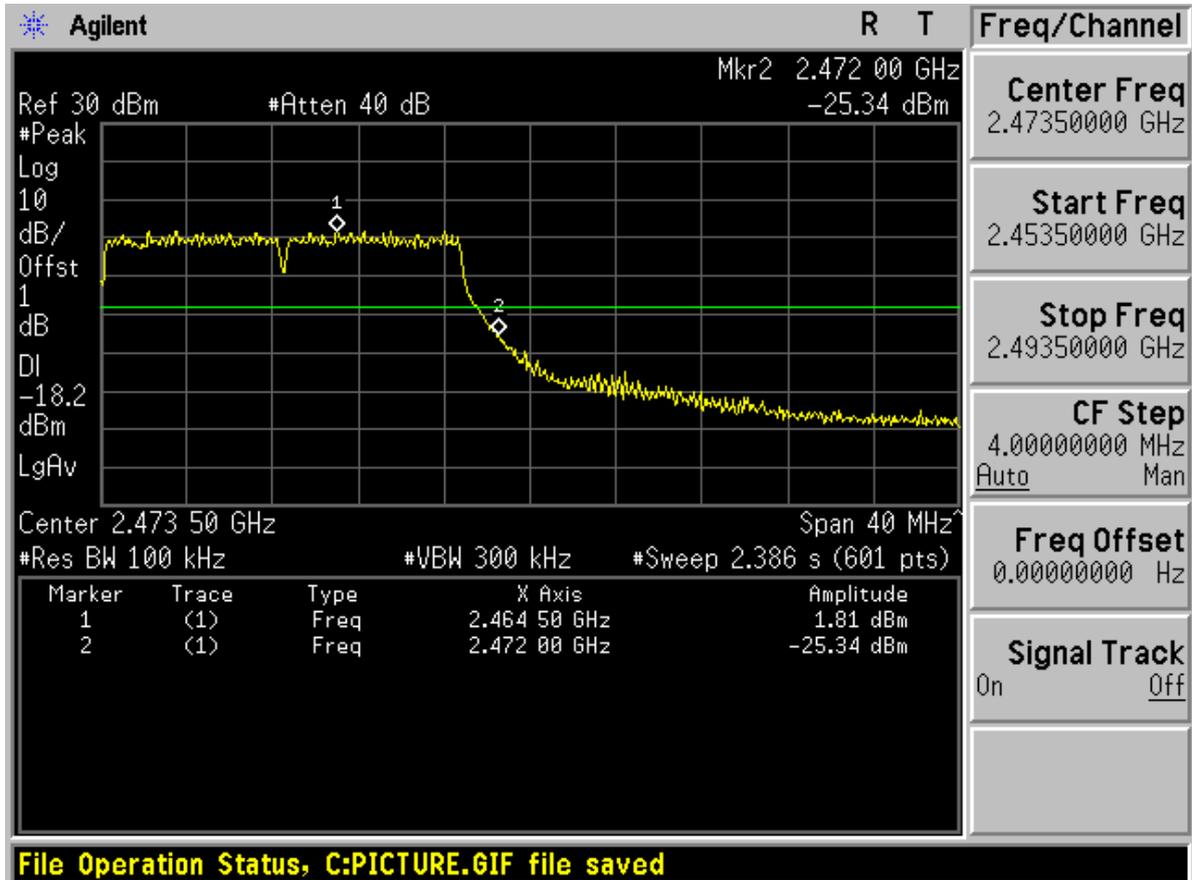


TM2 Low edge





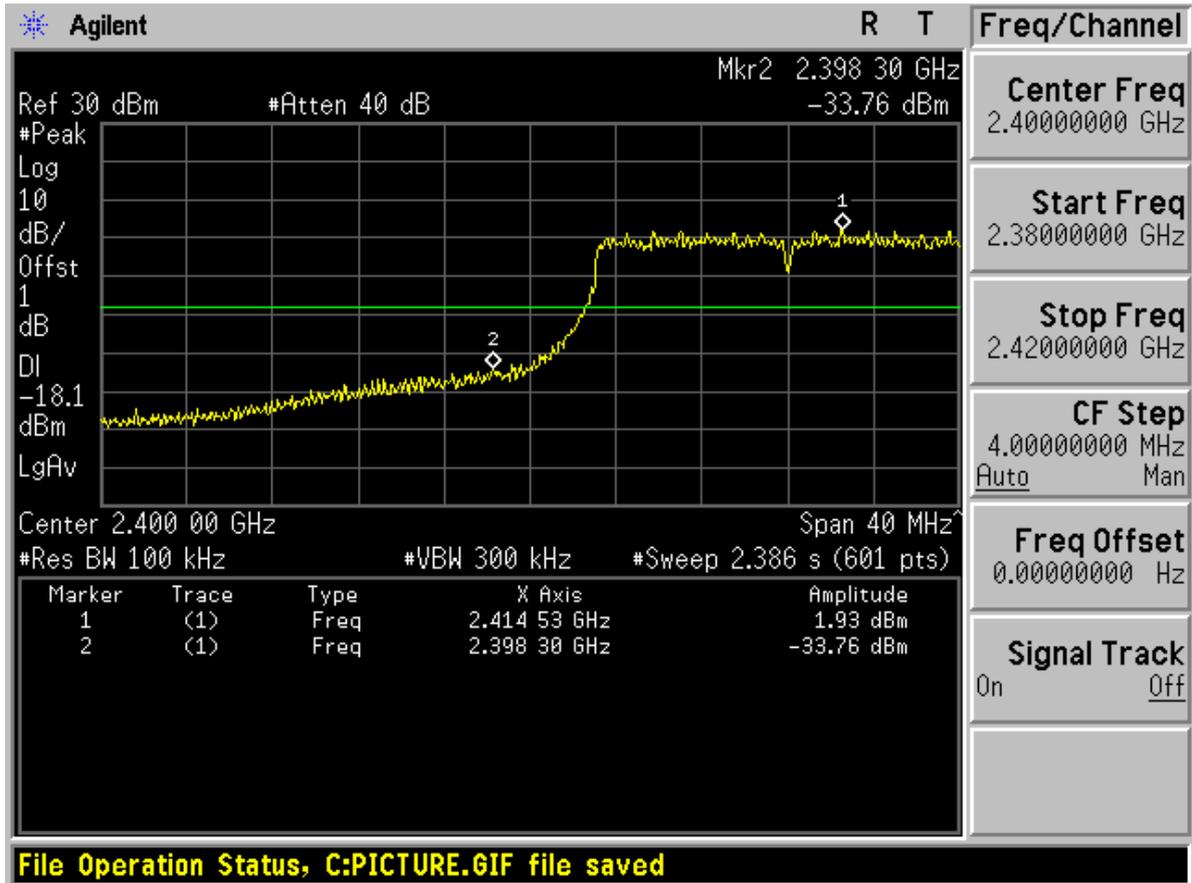
High edge





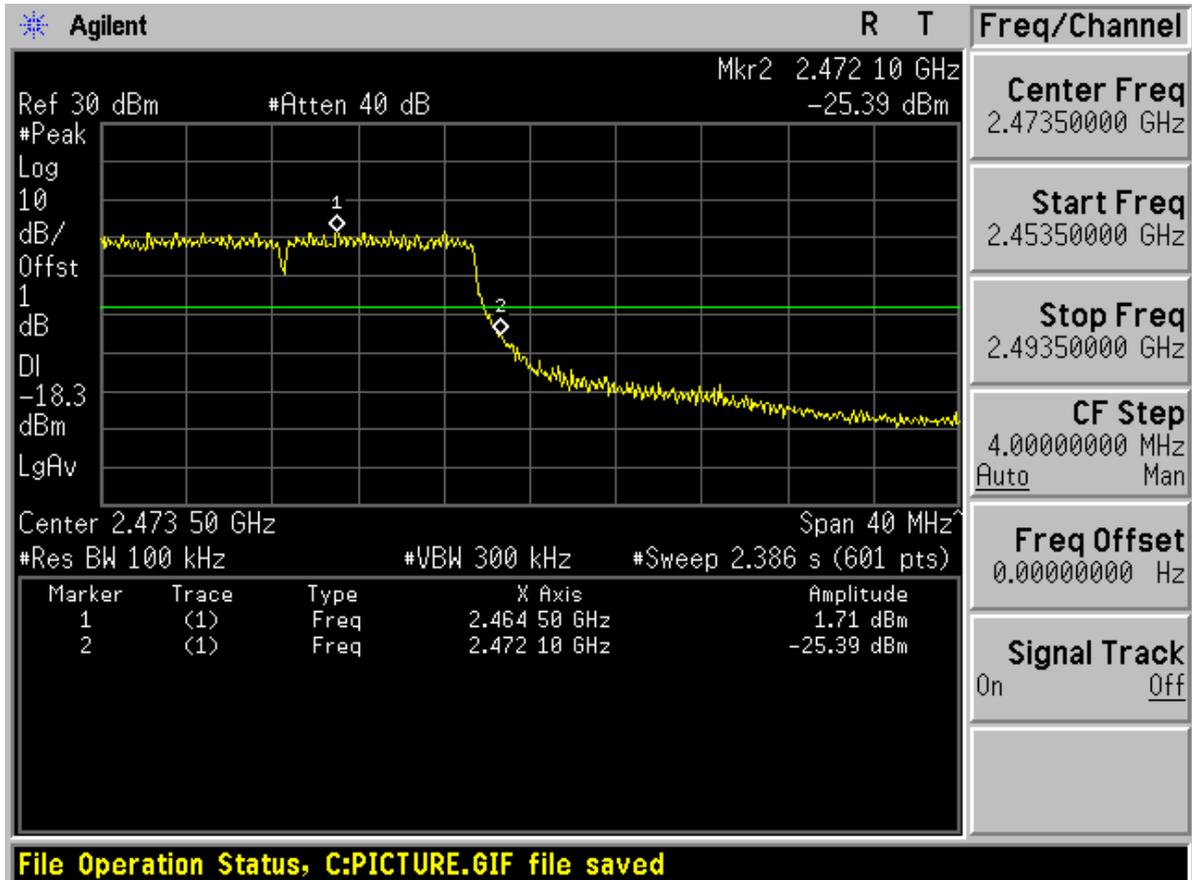
TM3

Low edge





High edge



-----The END-----



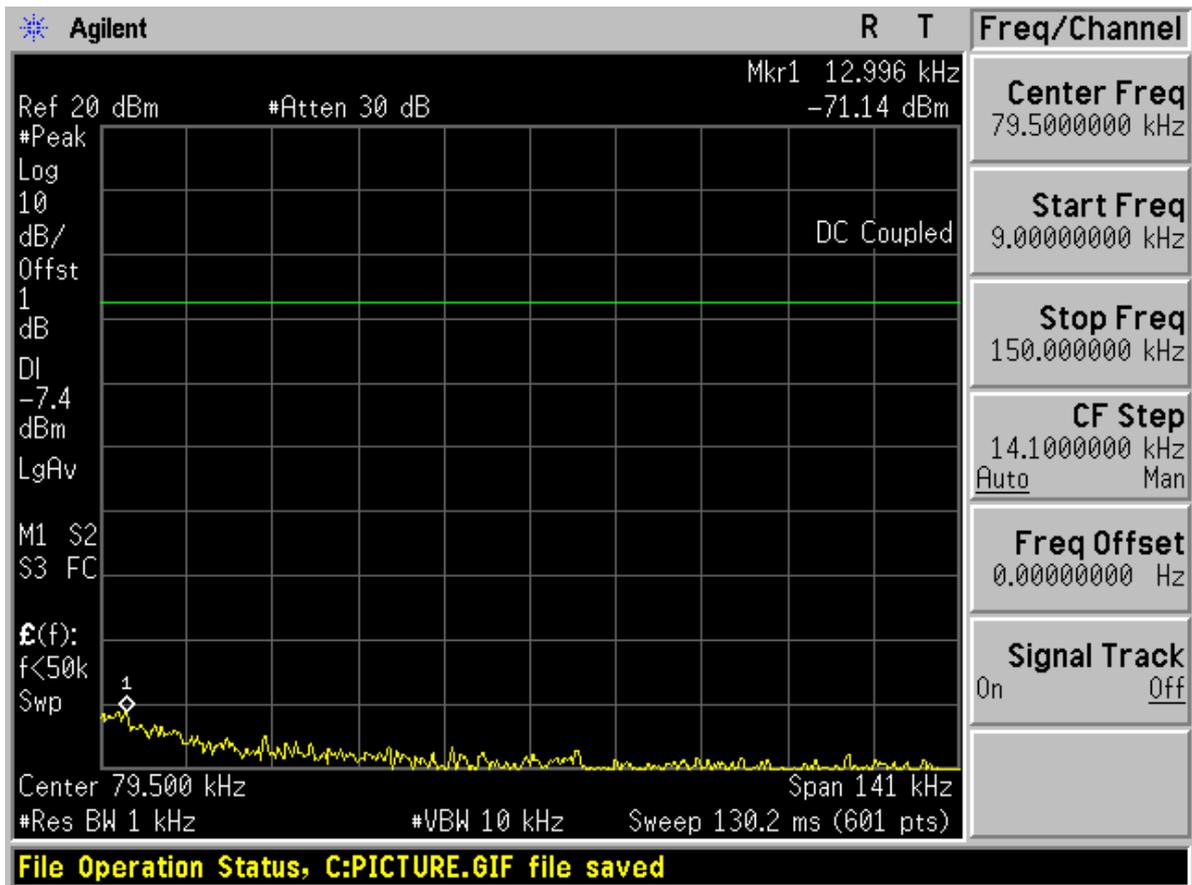
Appendix D

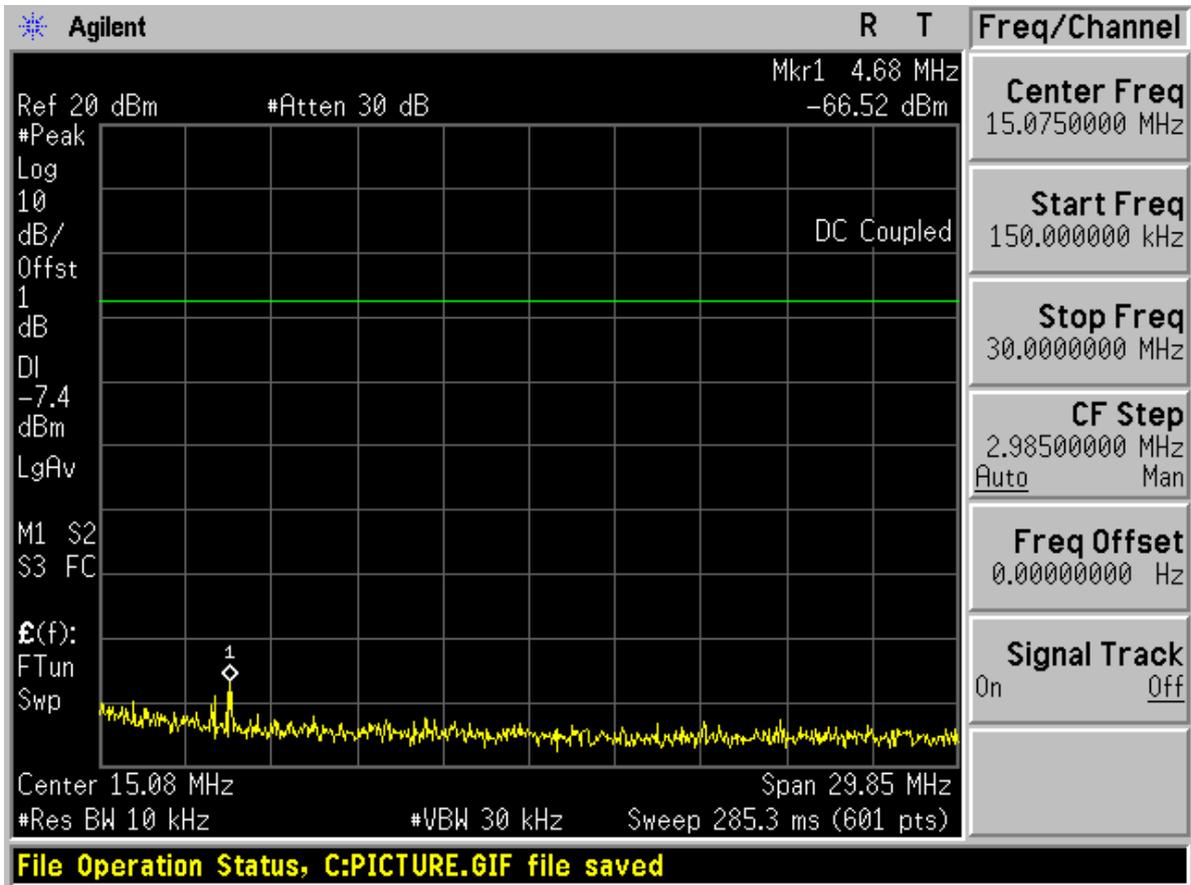
Conducted RF spurious

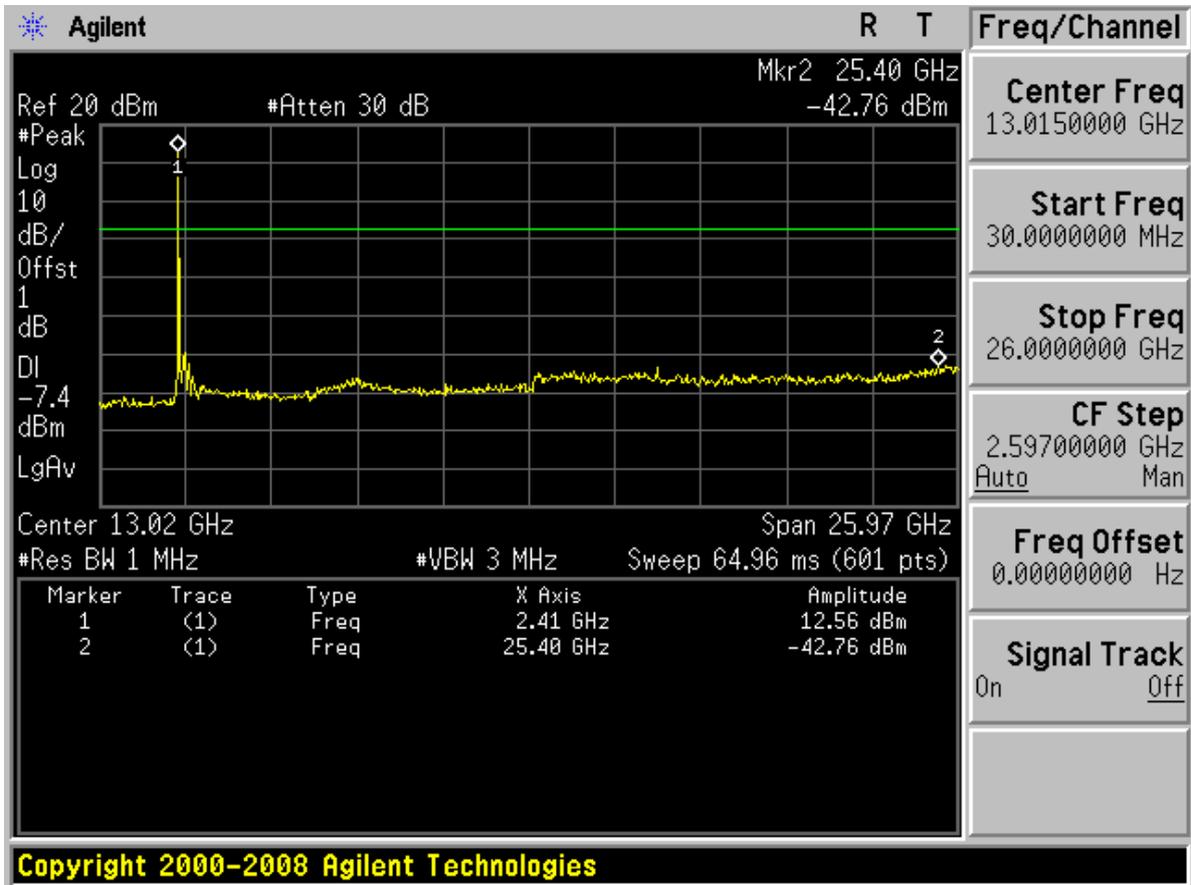
According to FCC Part 15.247 (d)



TM1 Channel 1

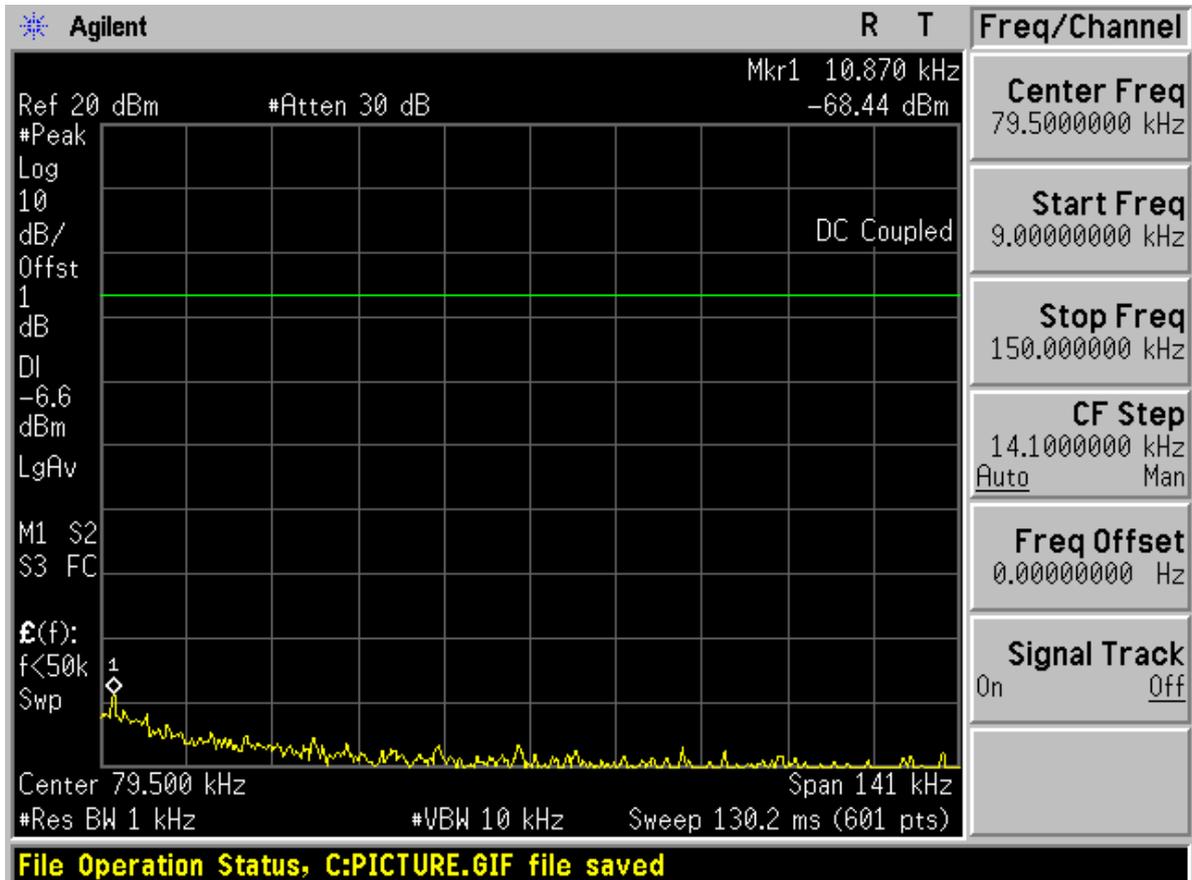


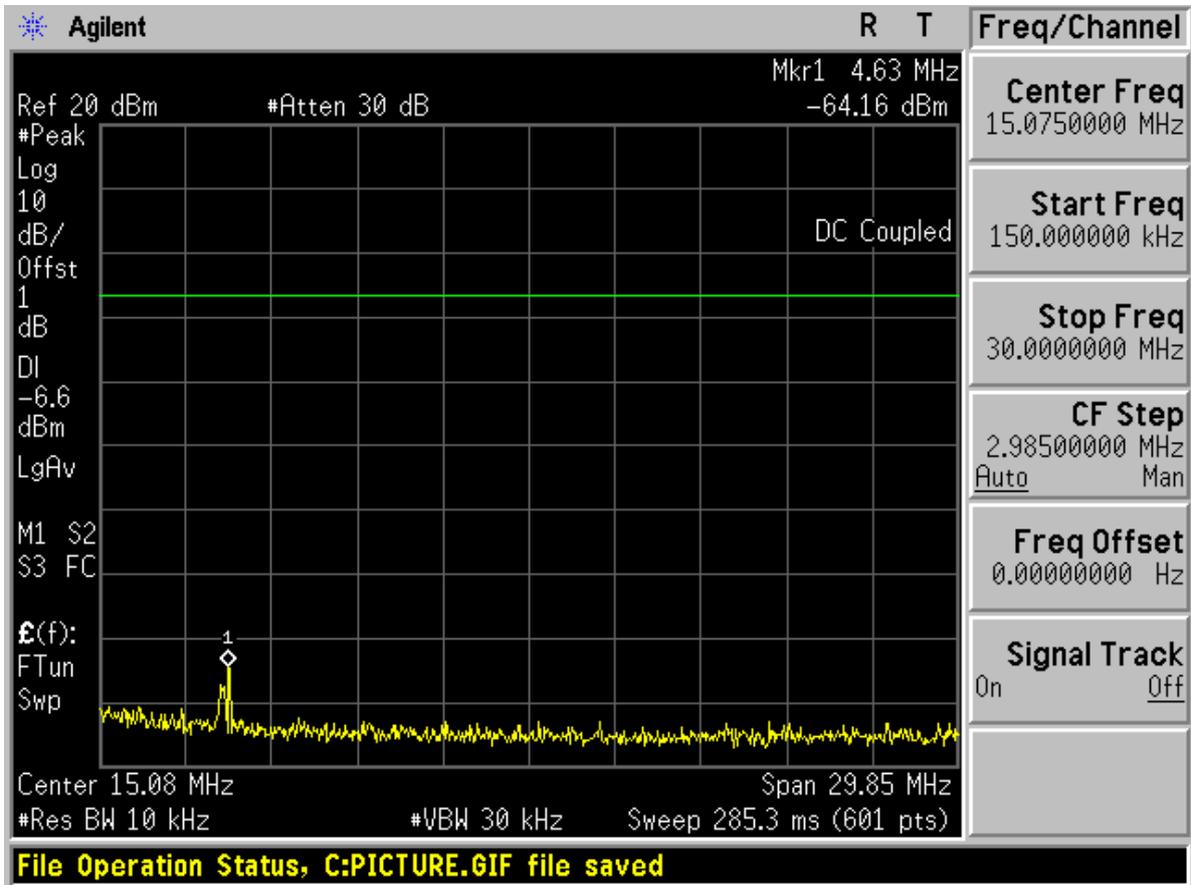


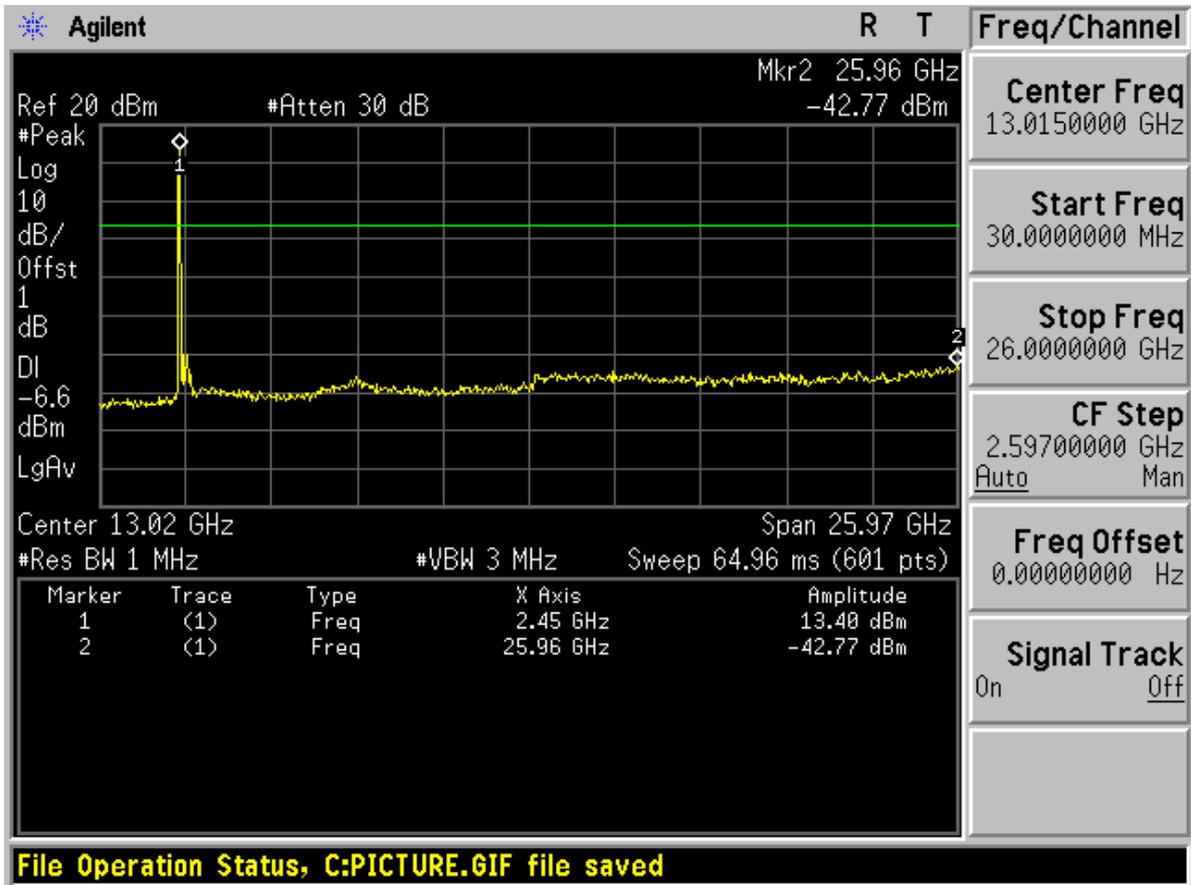




Channel 6

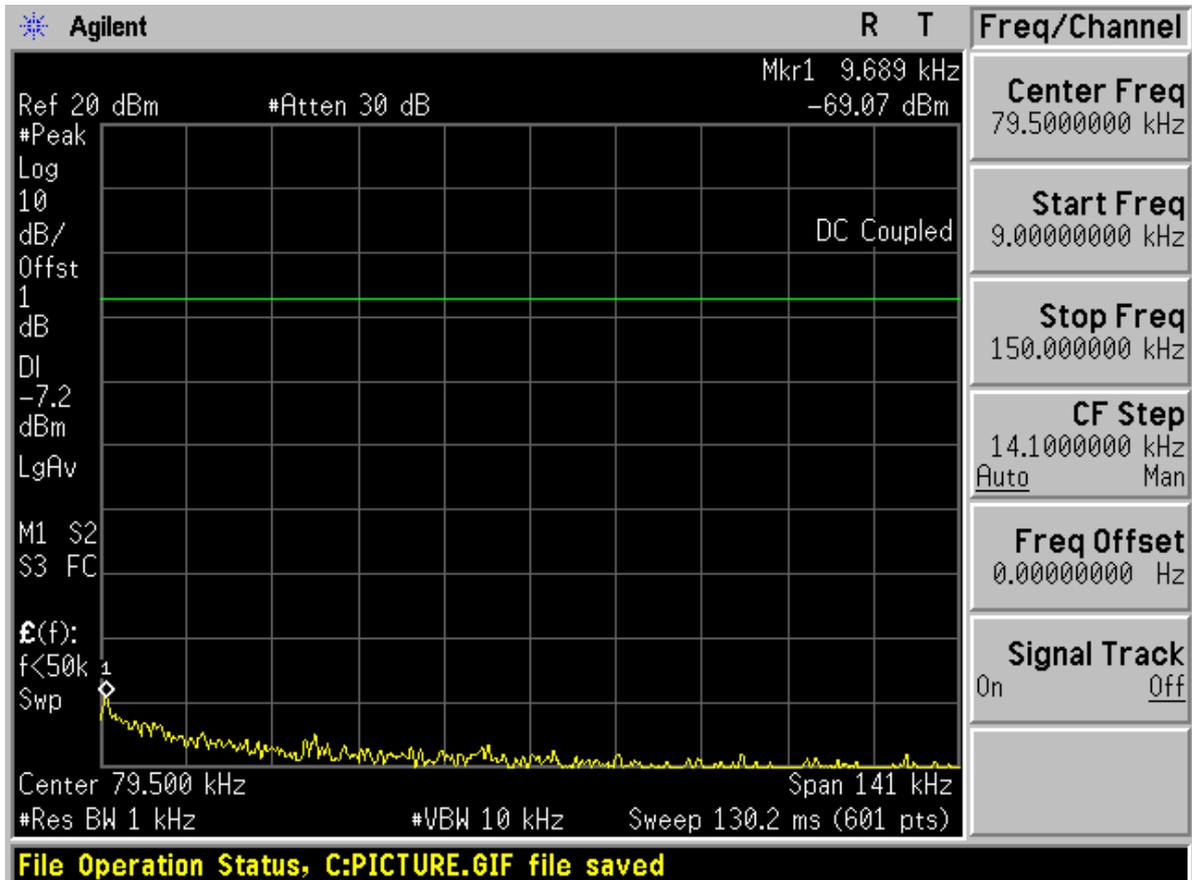


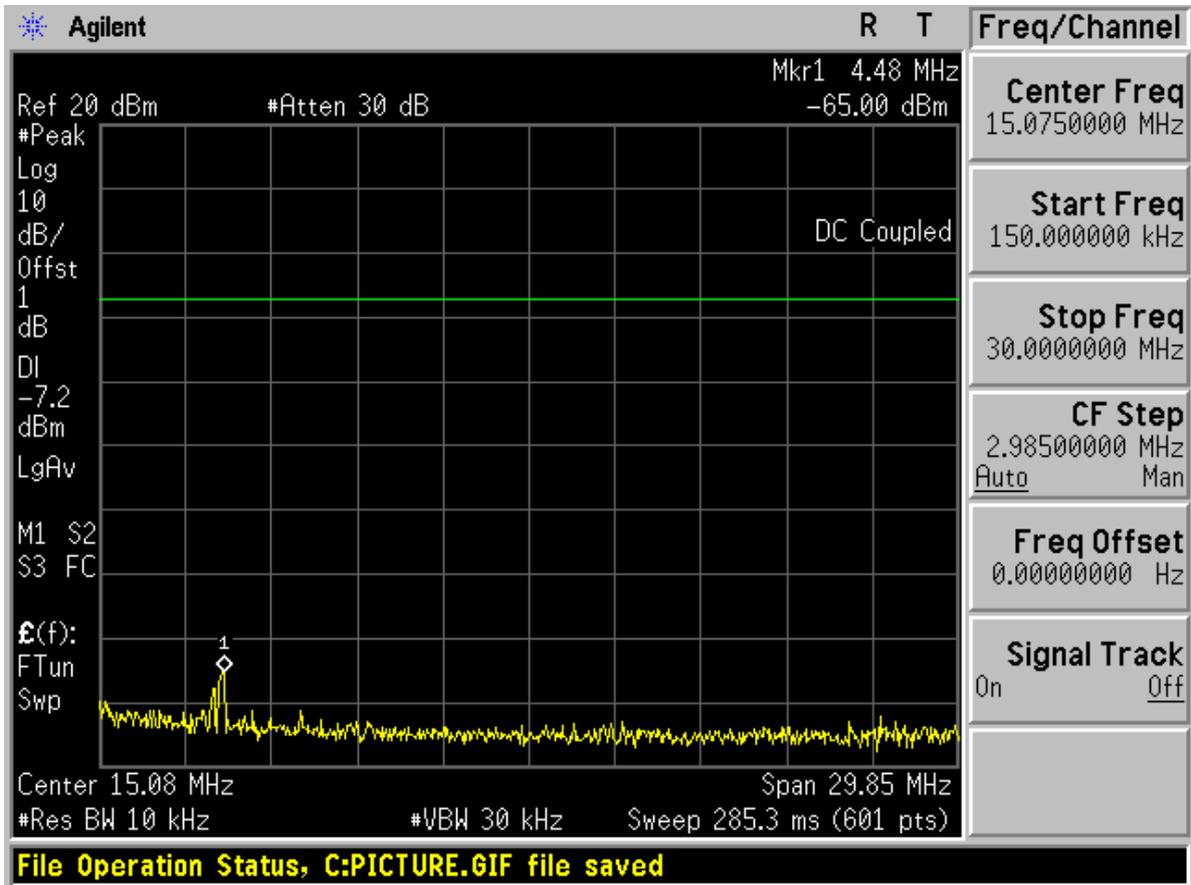


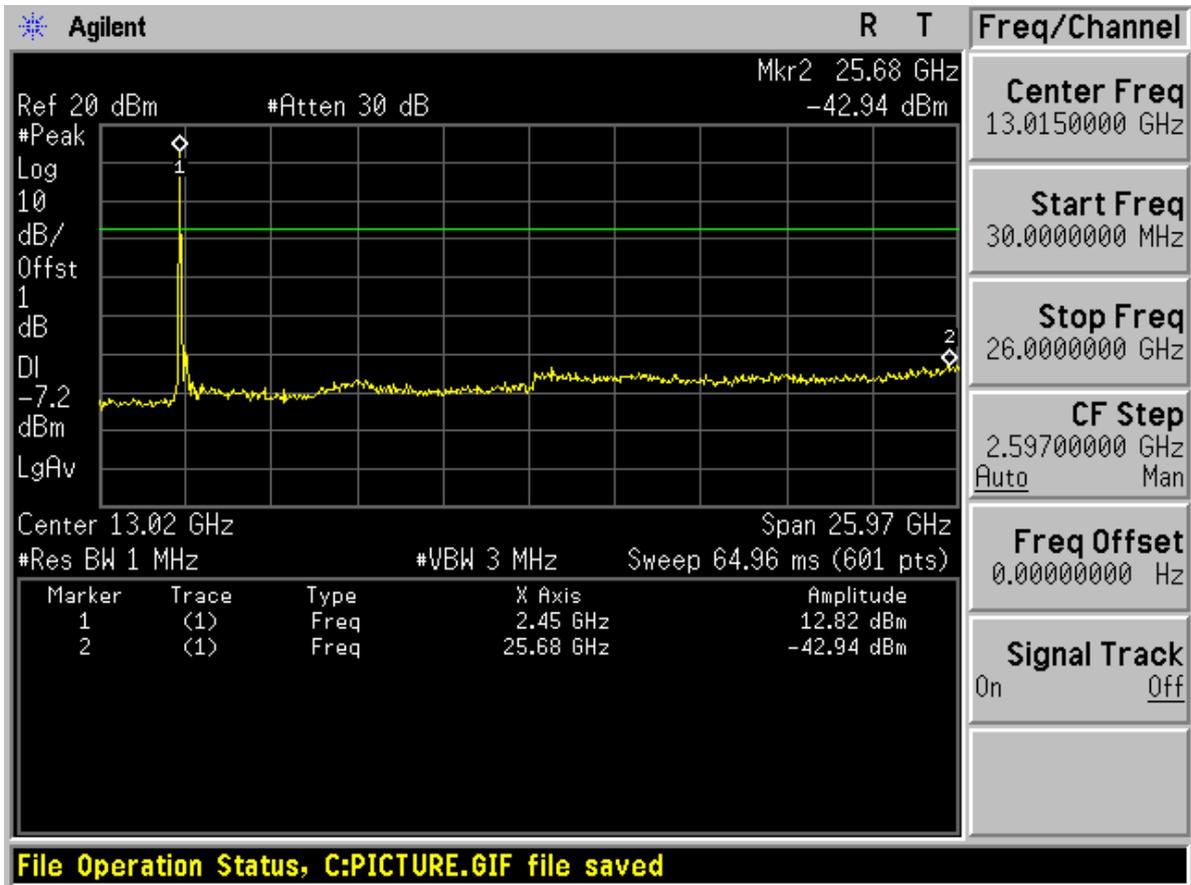




Channel 11

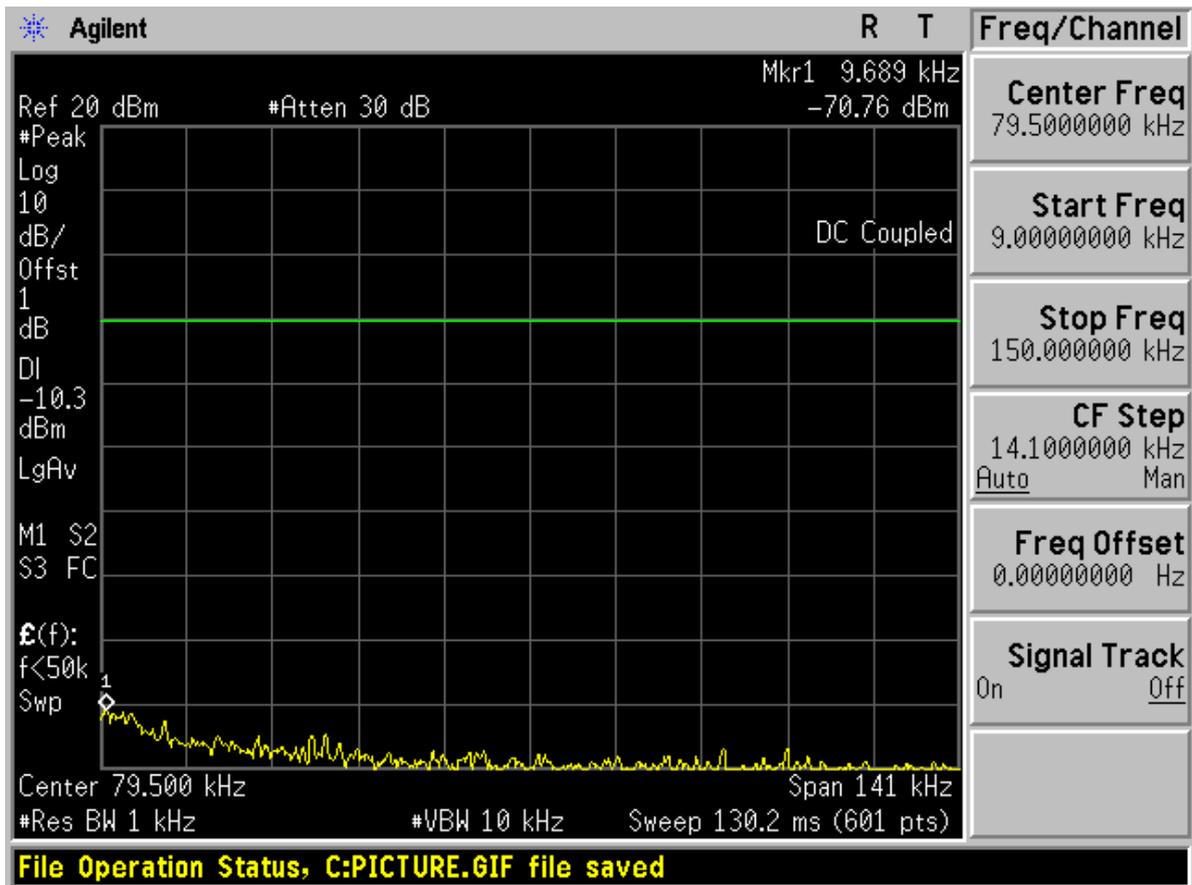


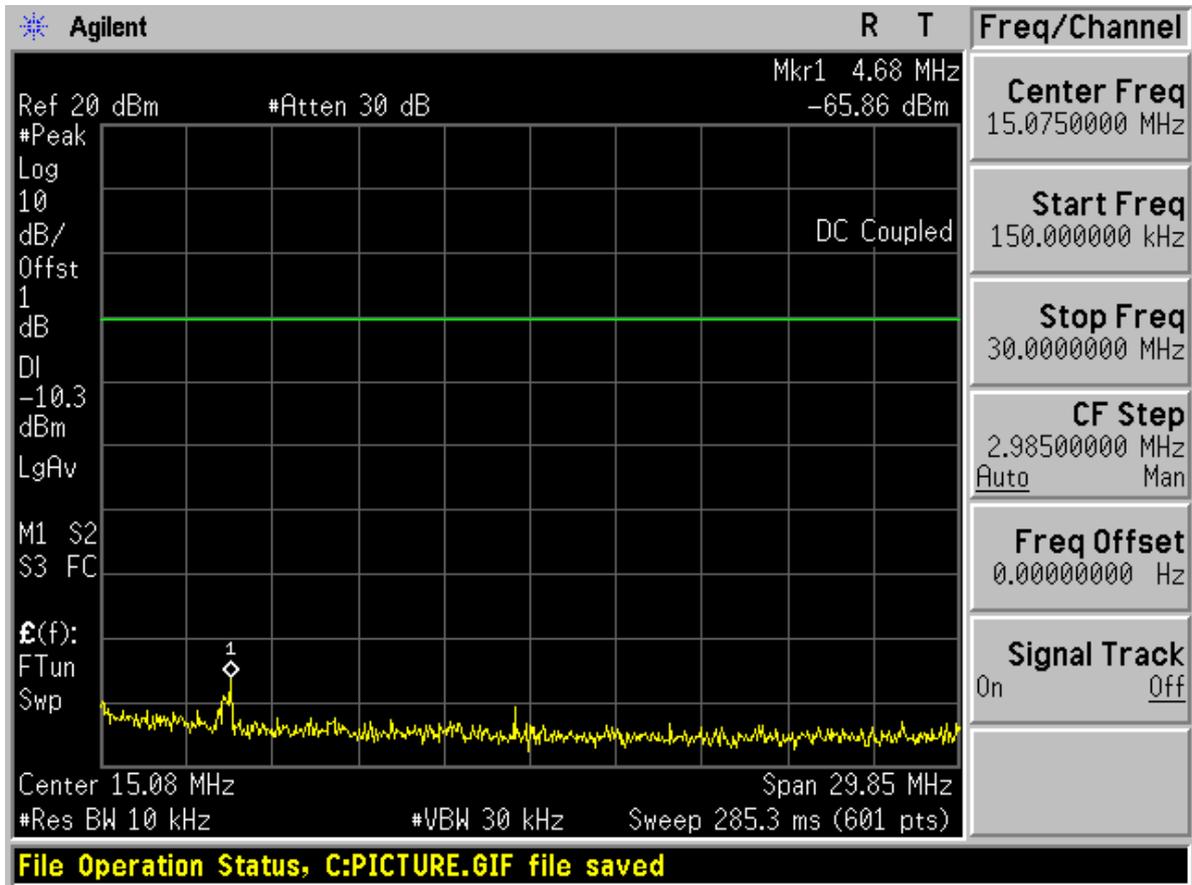


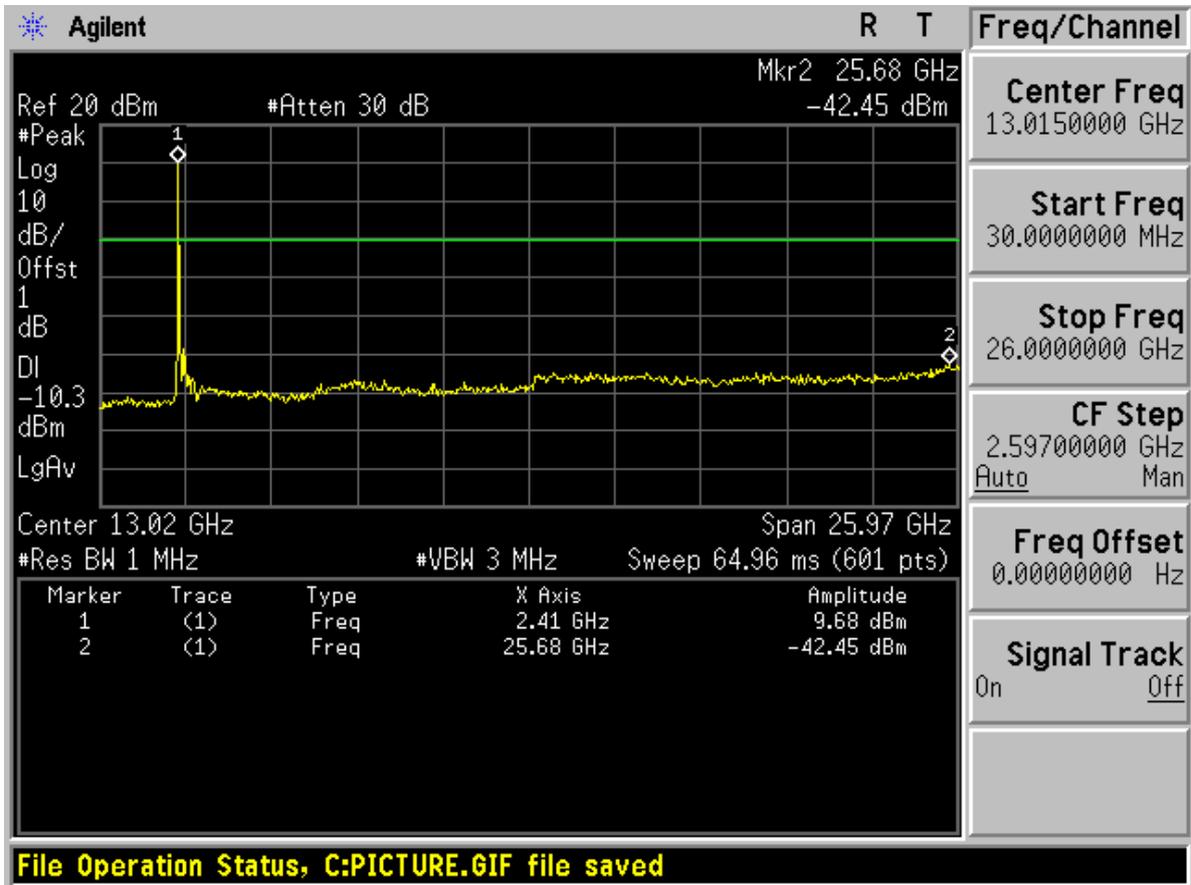




TM2 Channel 1

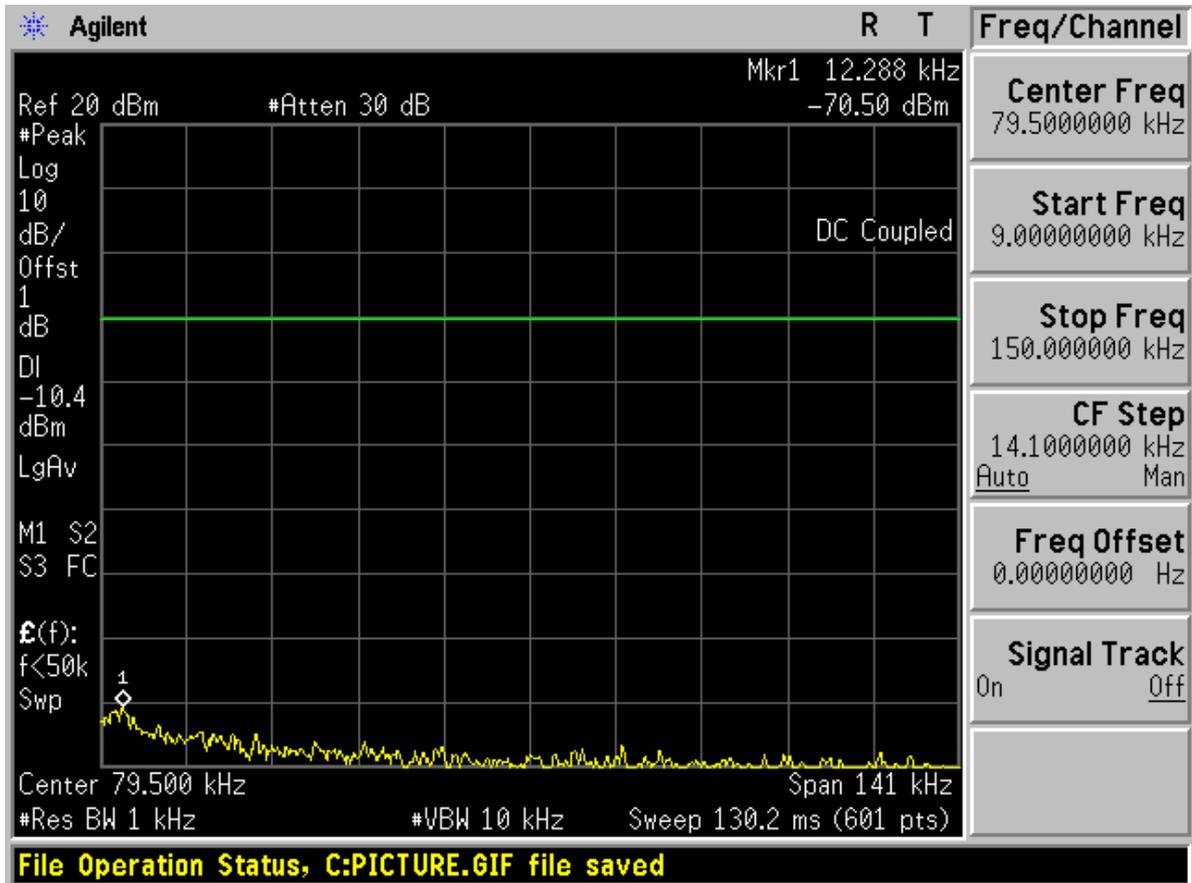


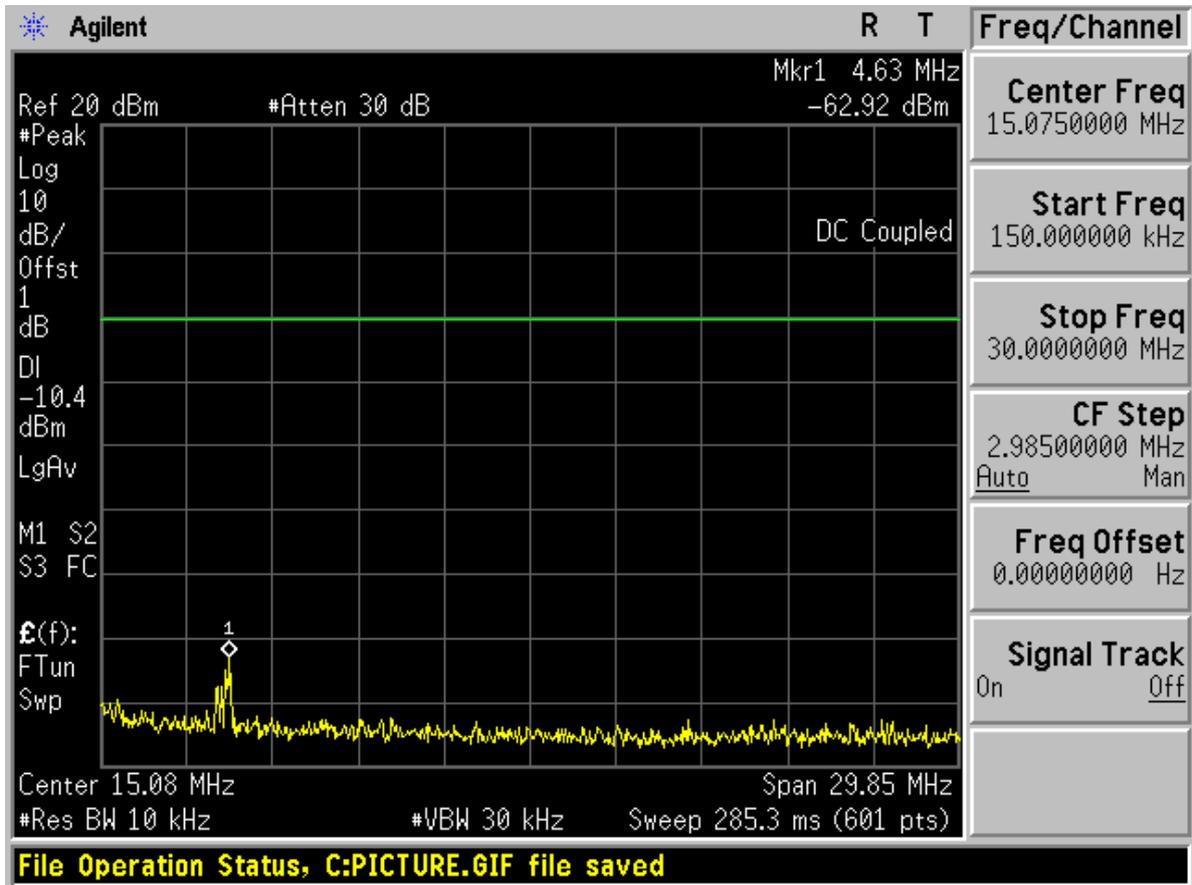


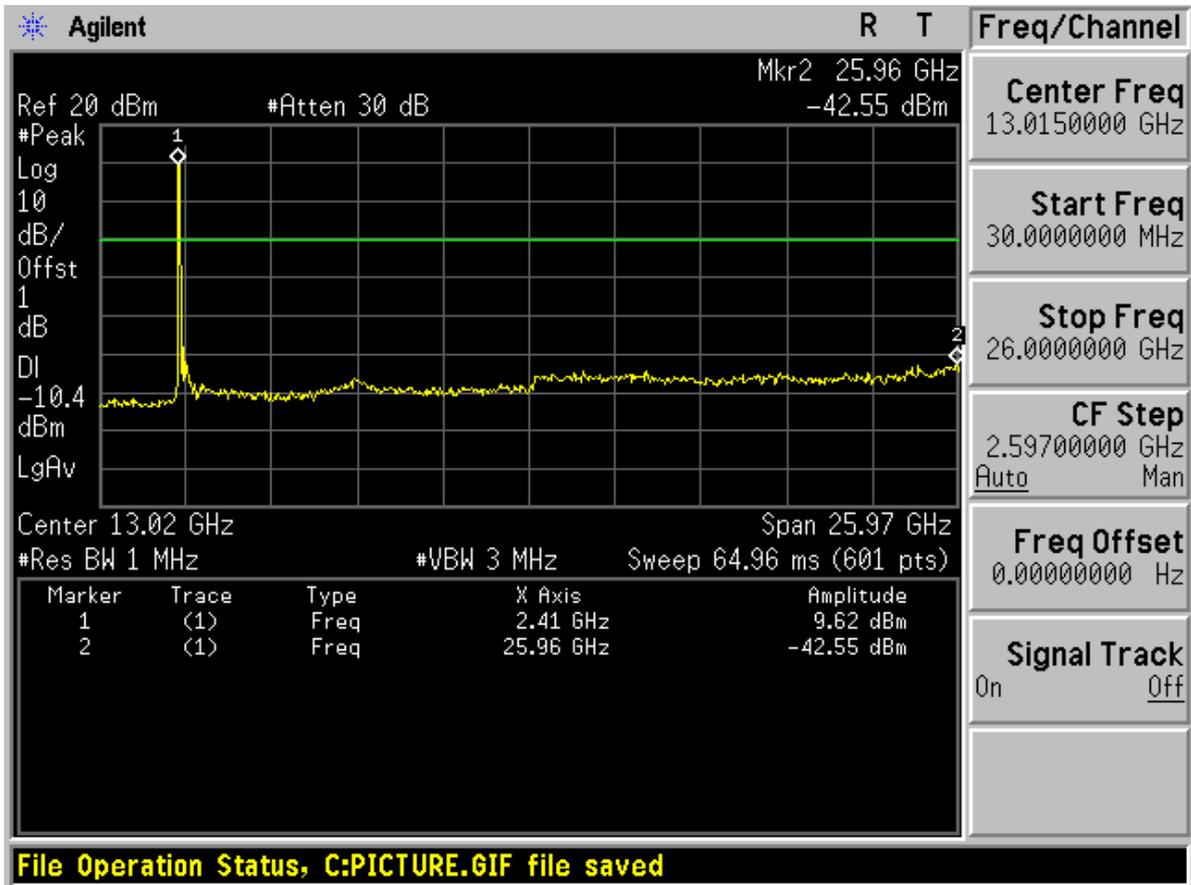




Channel 6

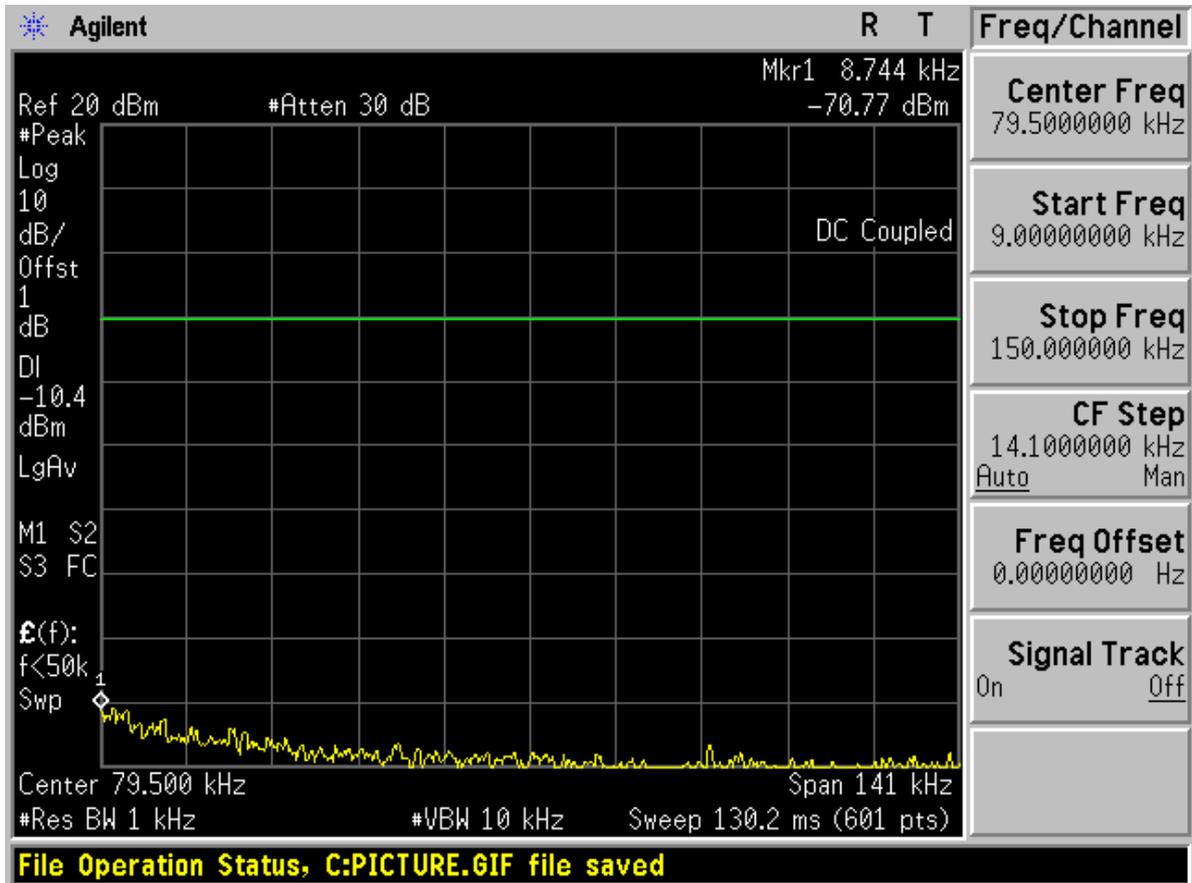


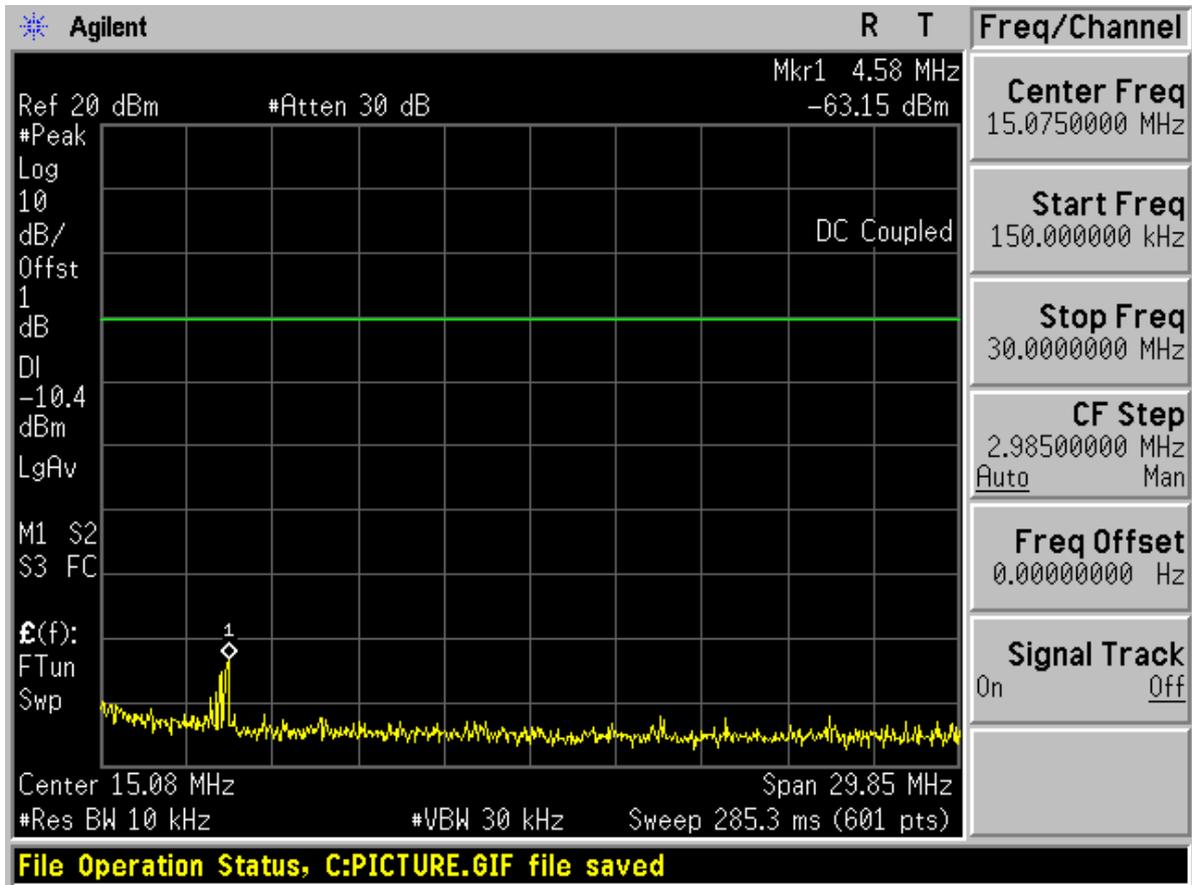


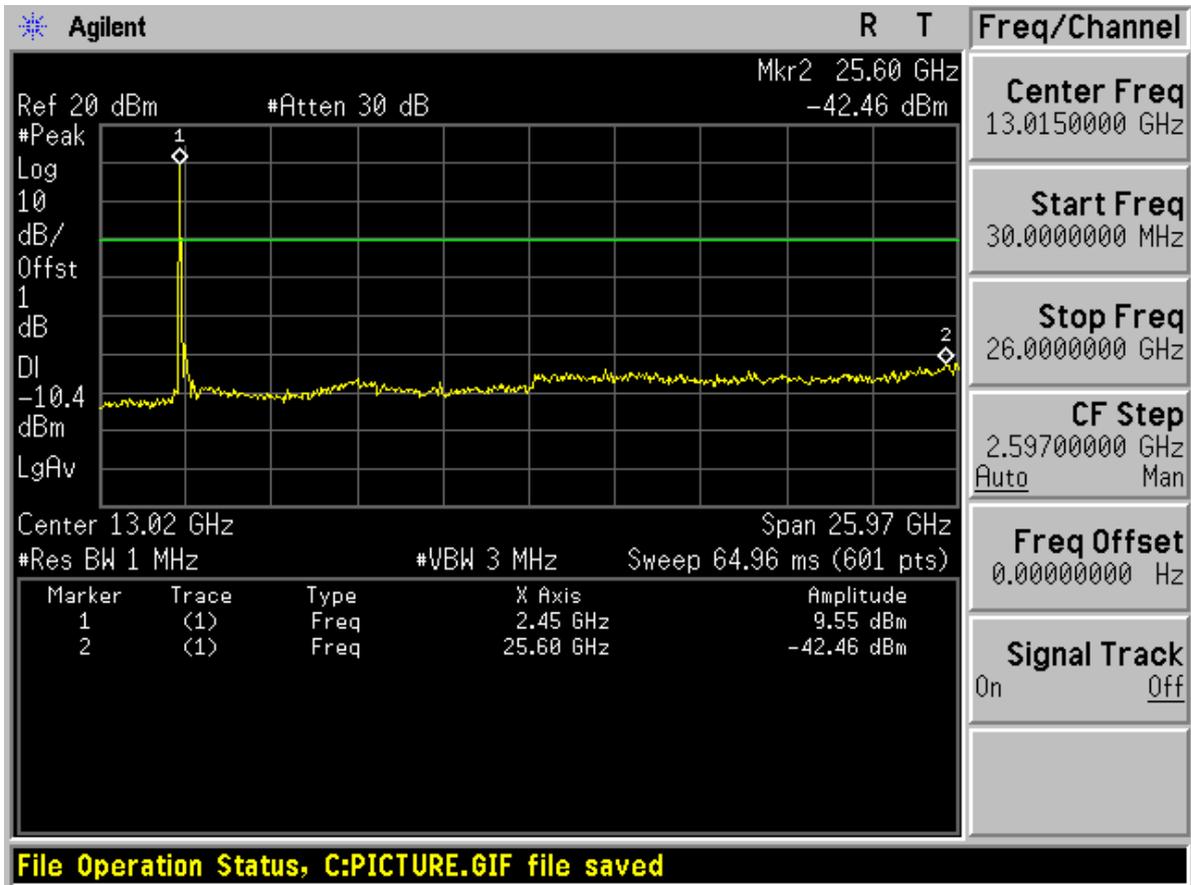




Channel 11

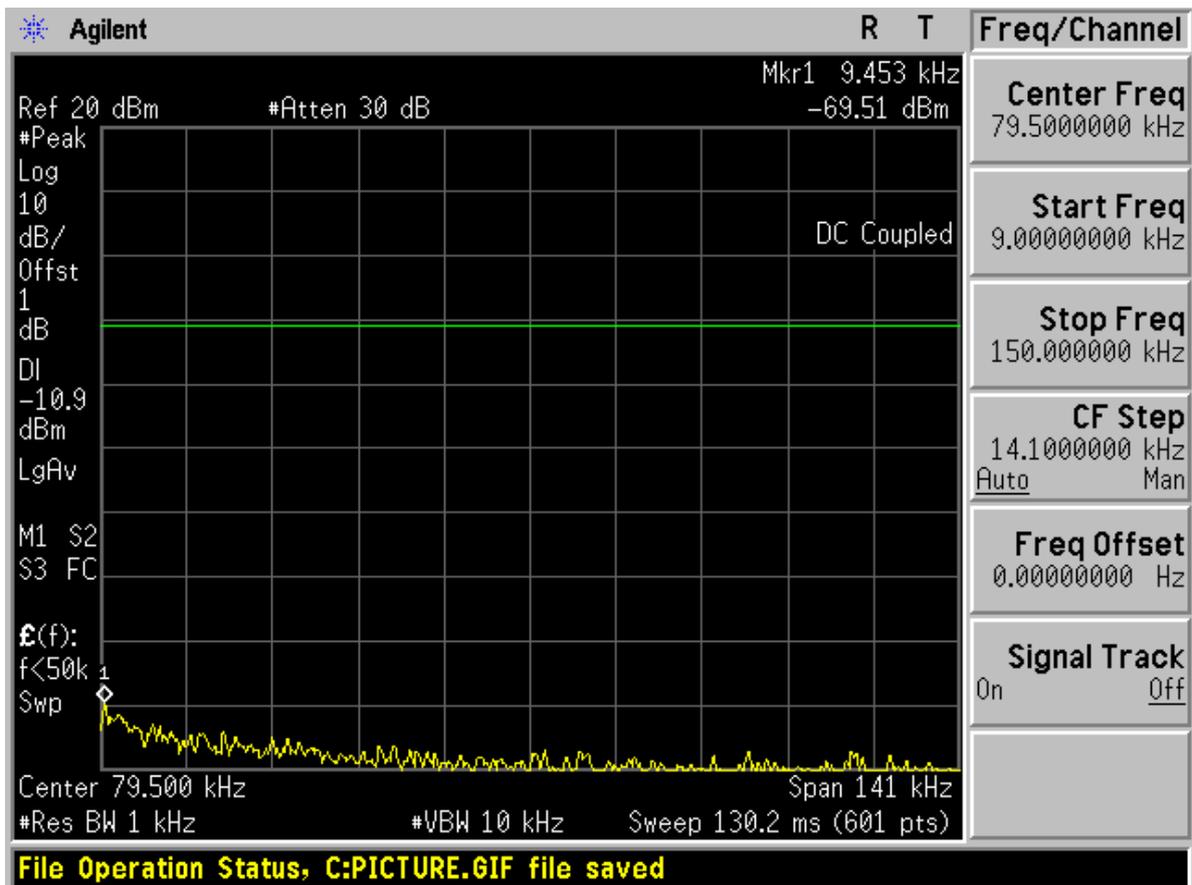


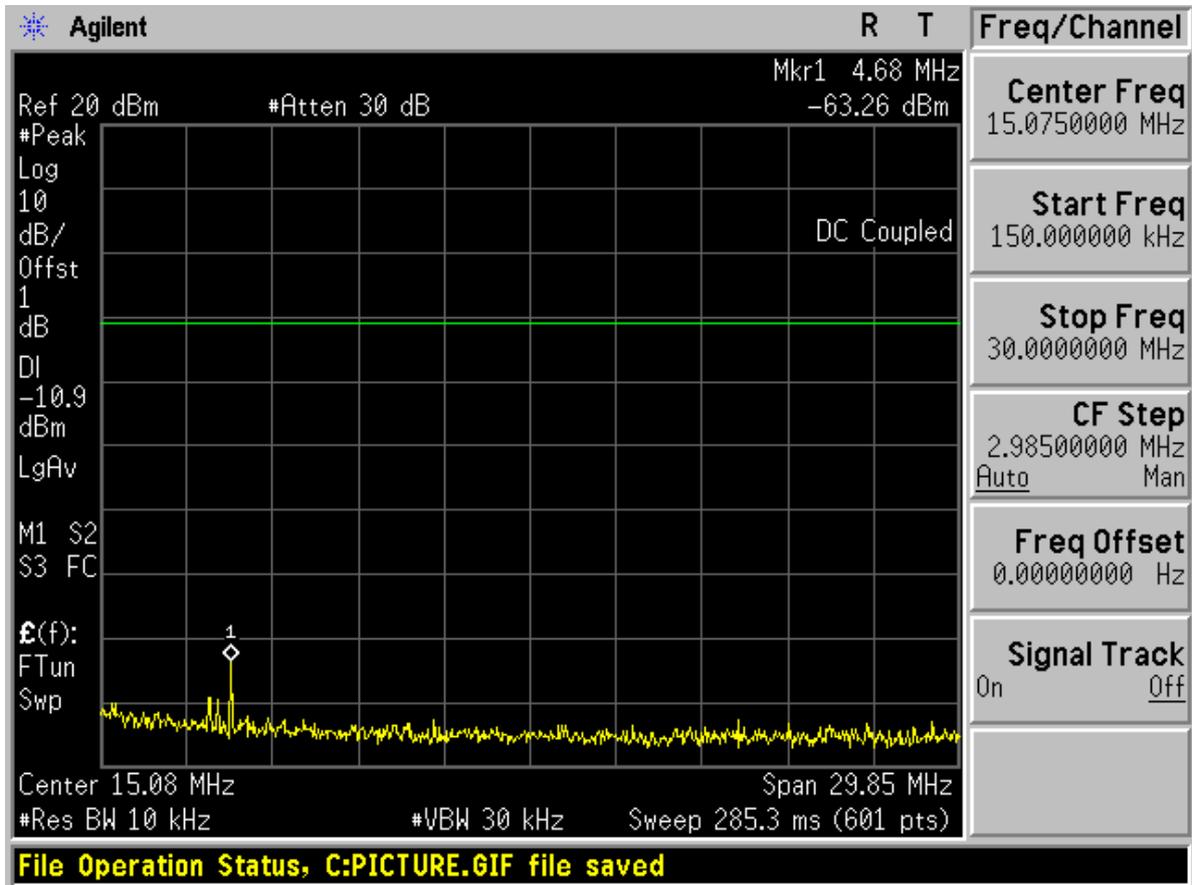


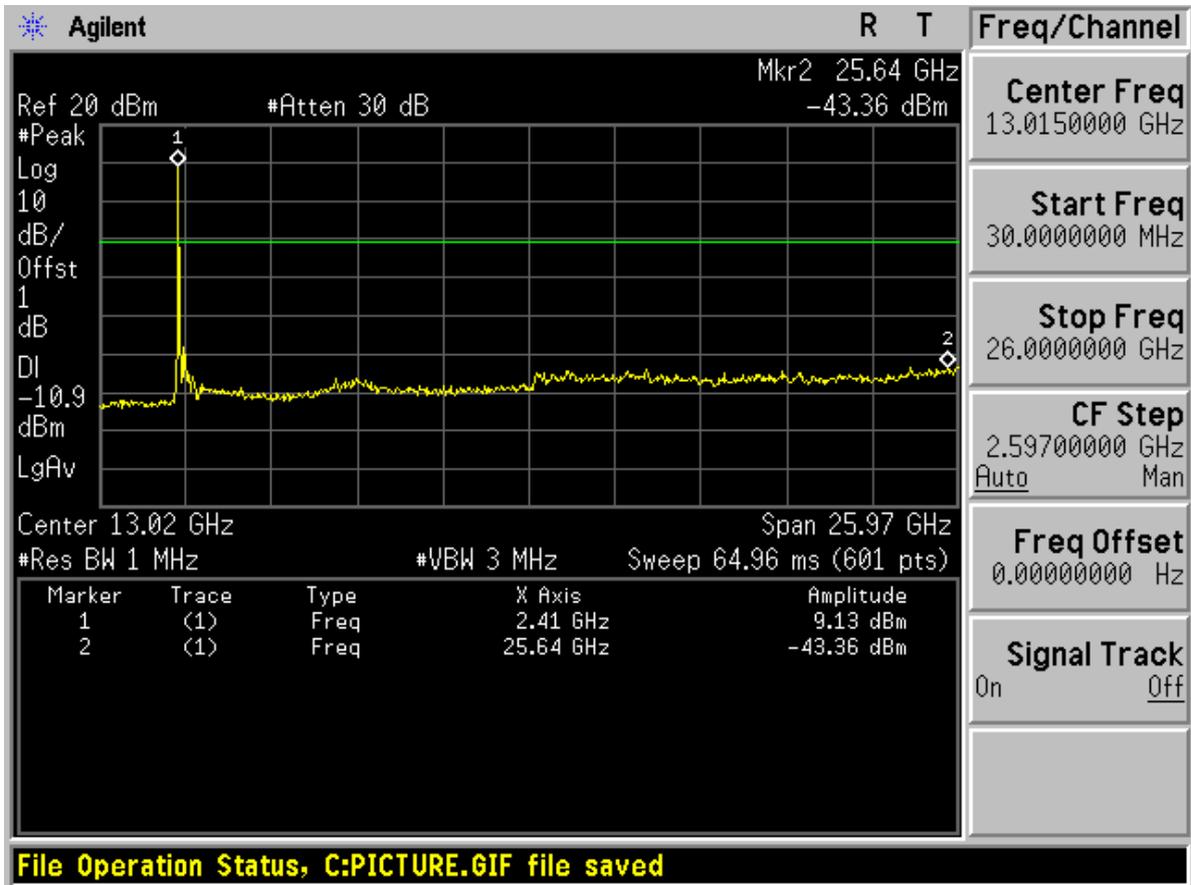




TM3 Channel 1

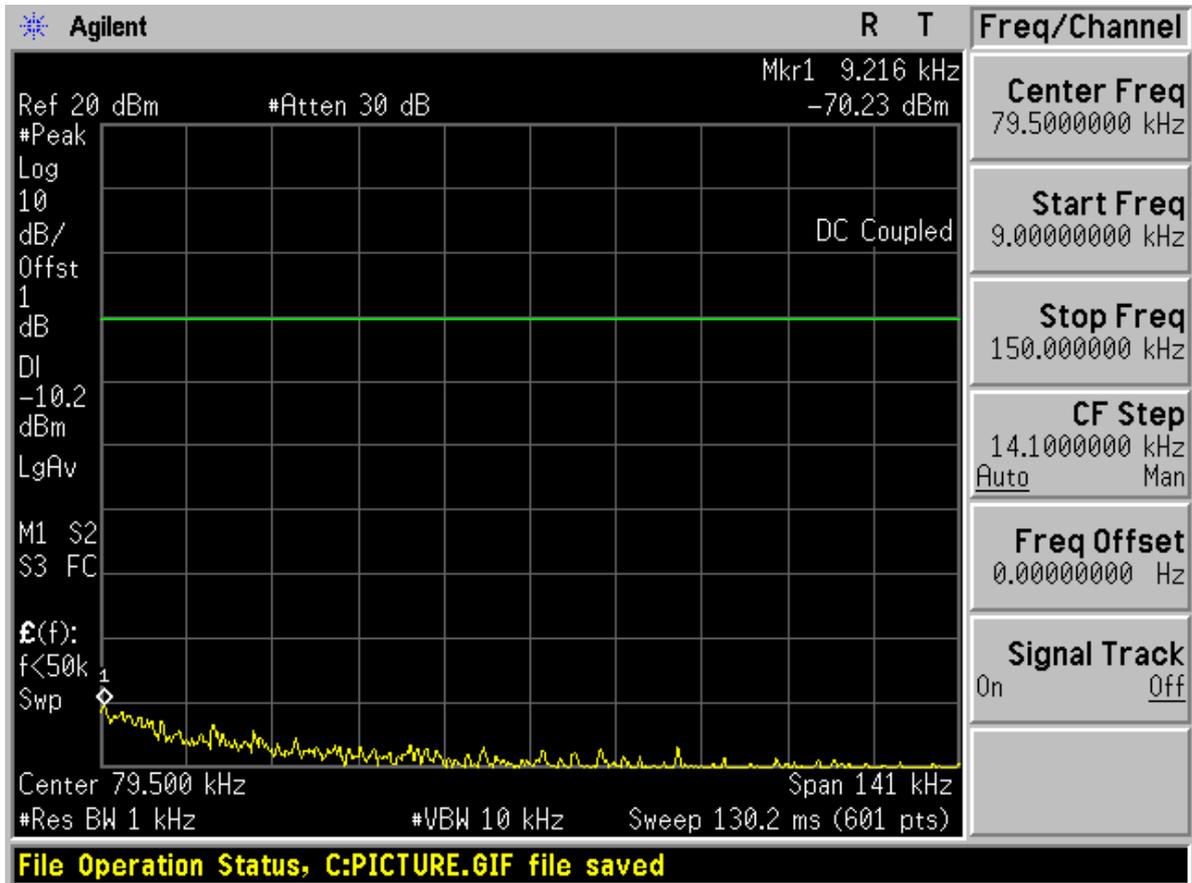


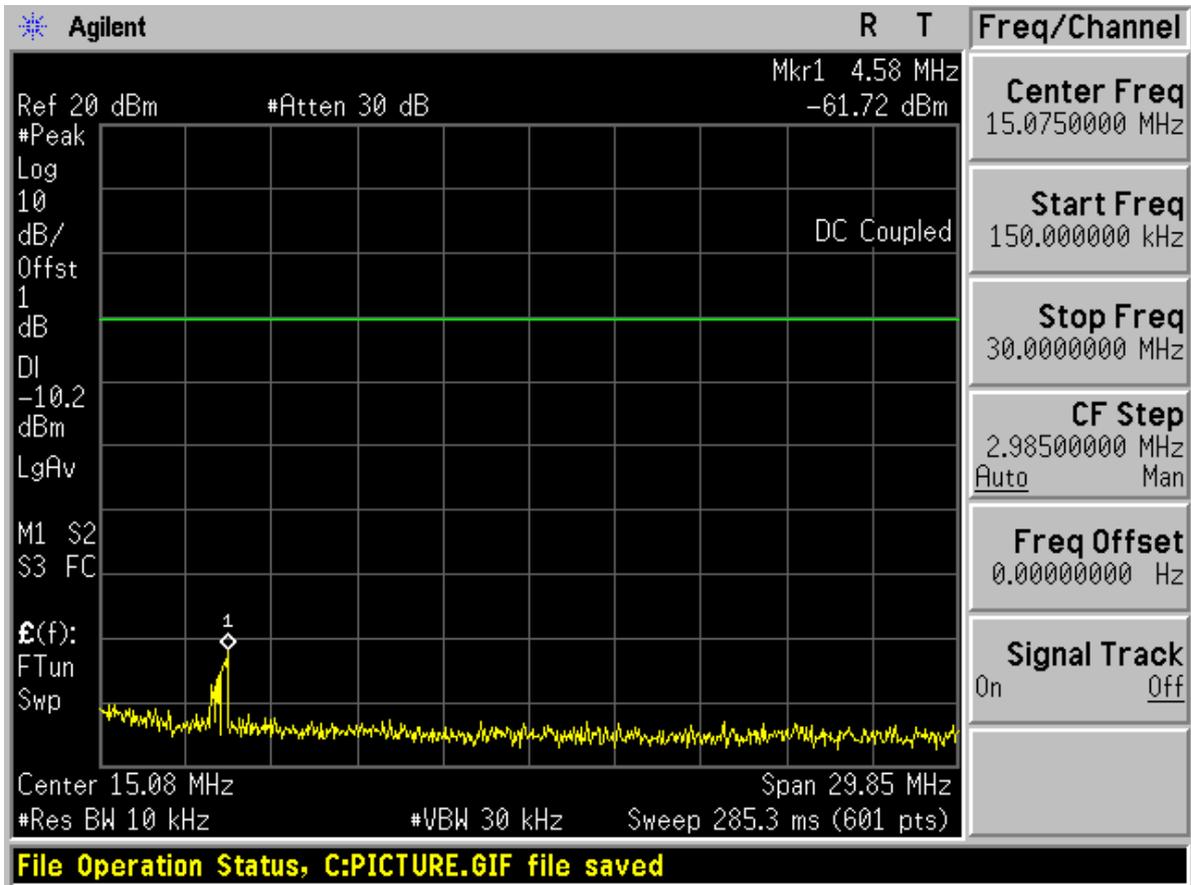


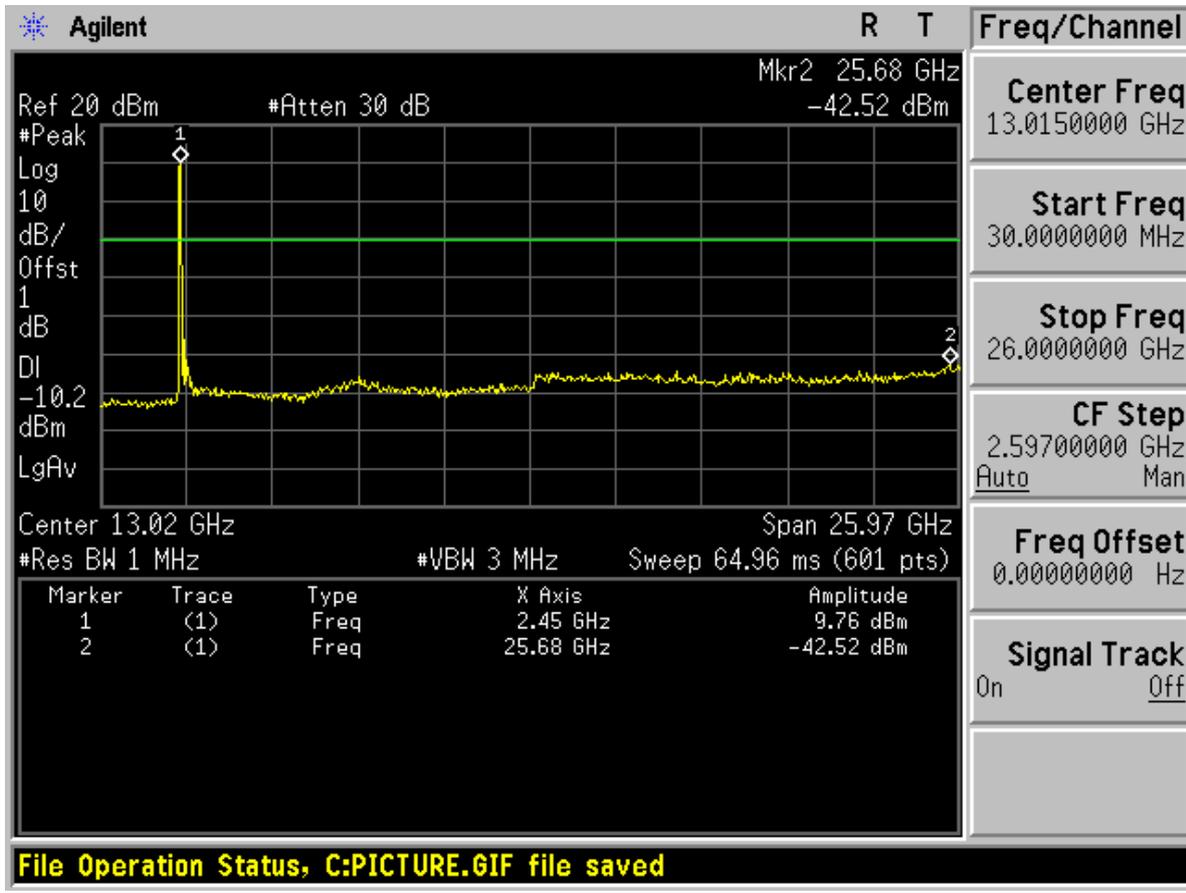




Channel 6

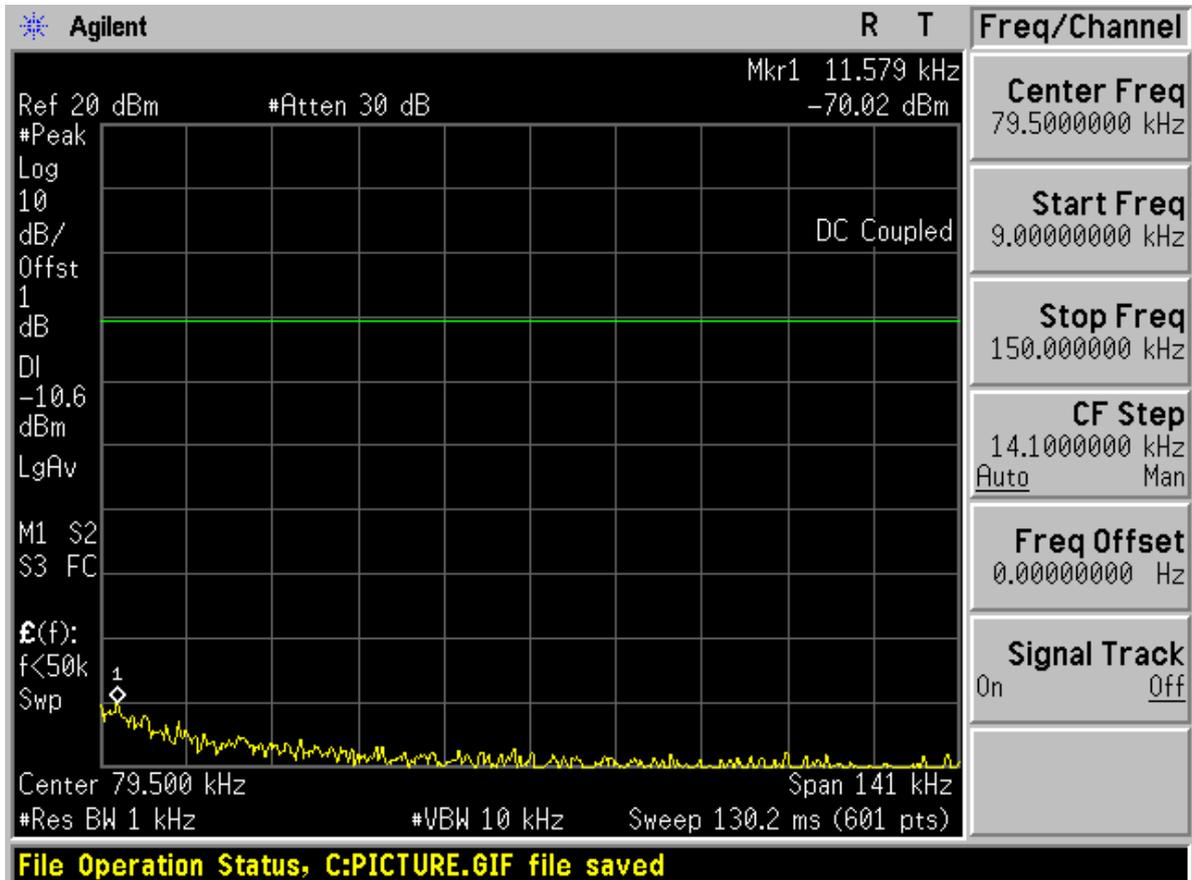


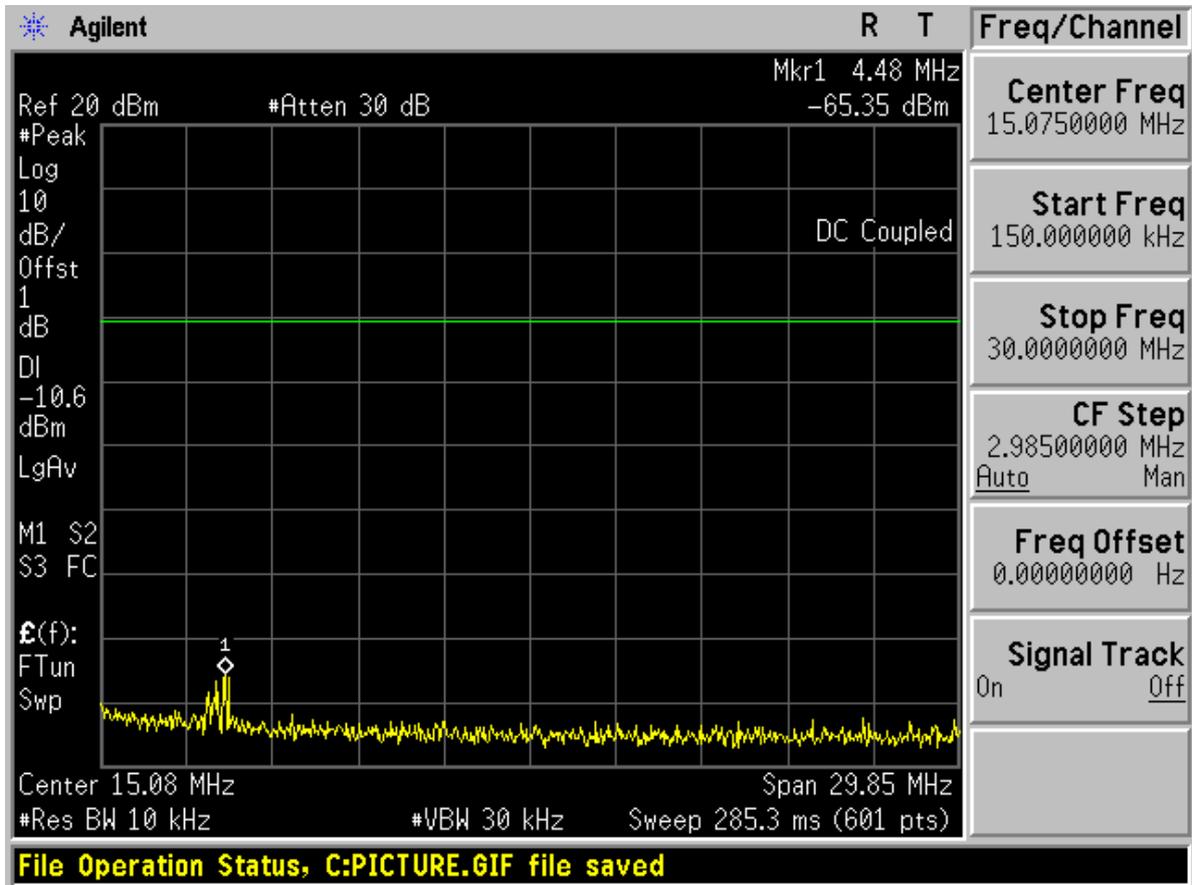


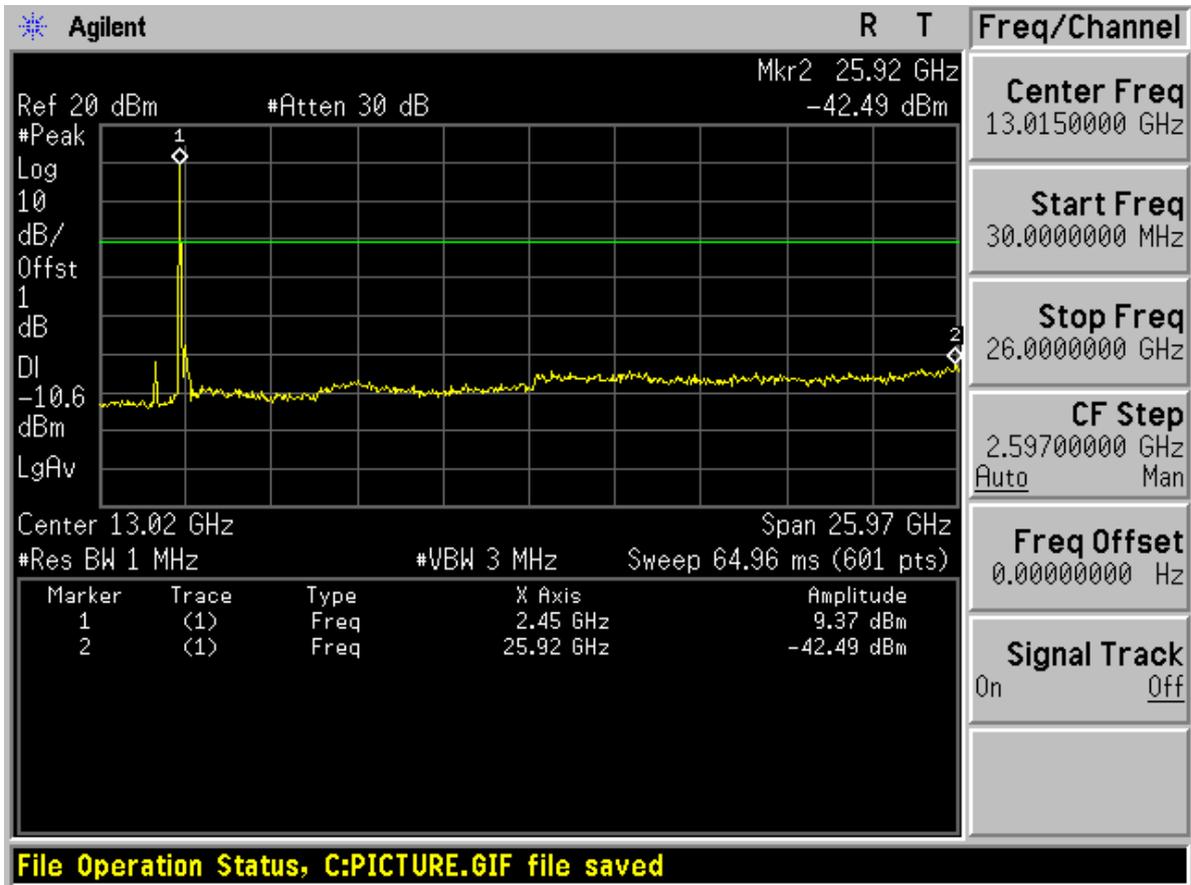




Channel11







-----The END-----



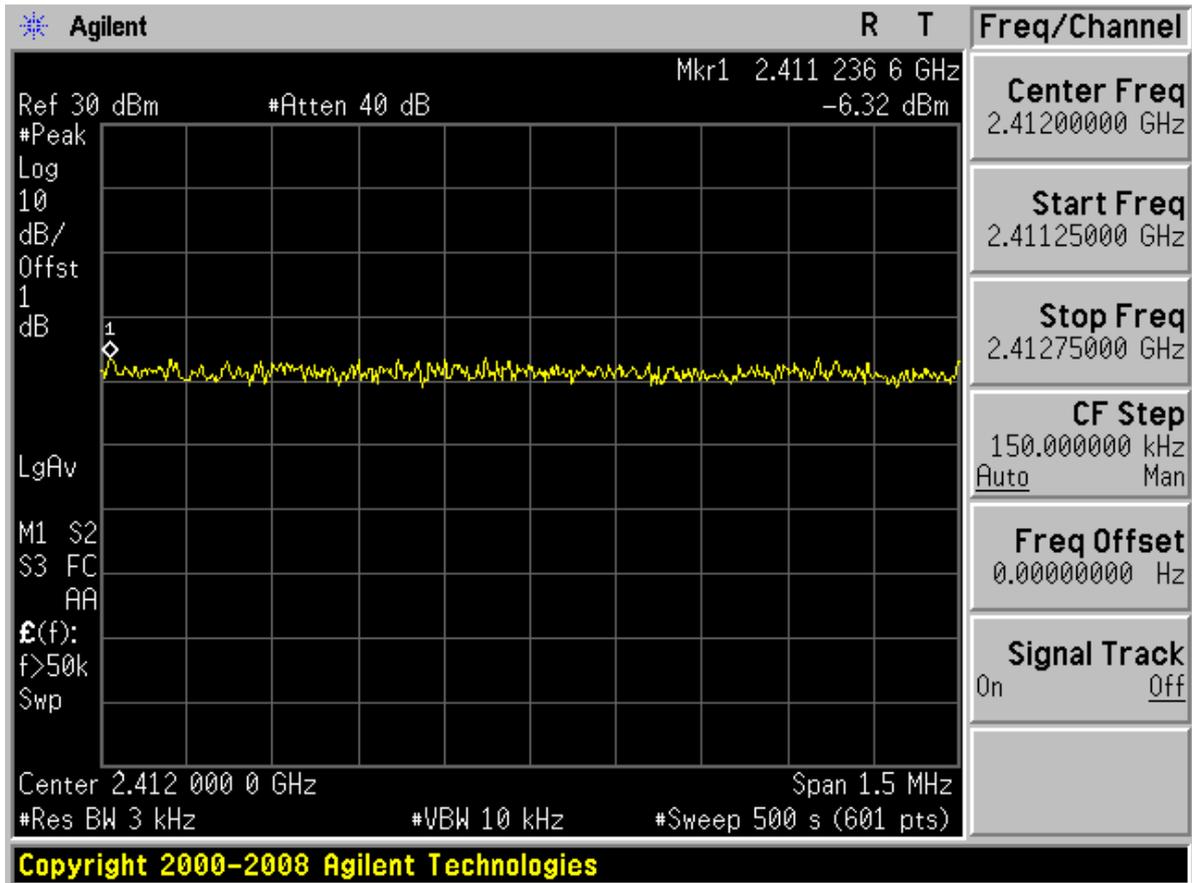
Appendix E

Power spectral density

According to FCC Part 15.247 (e)

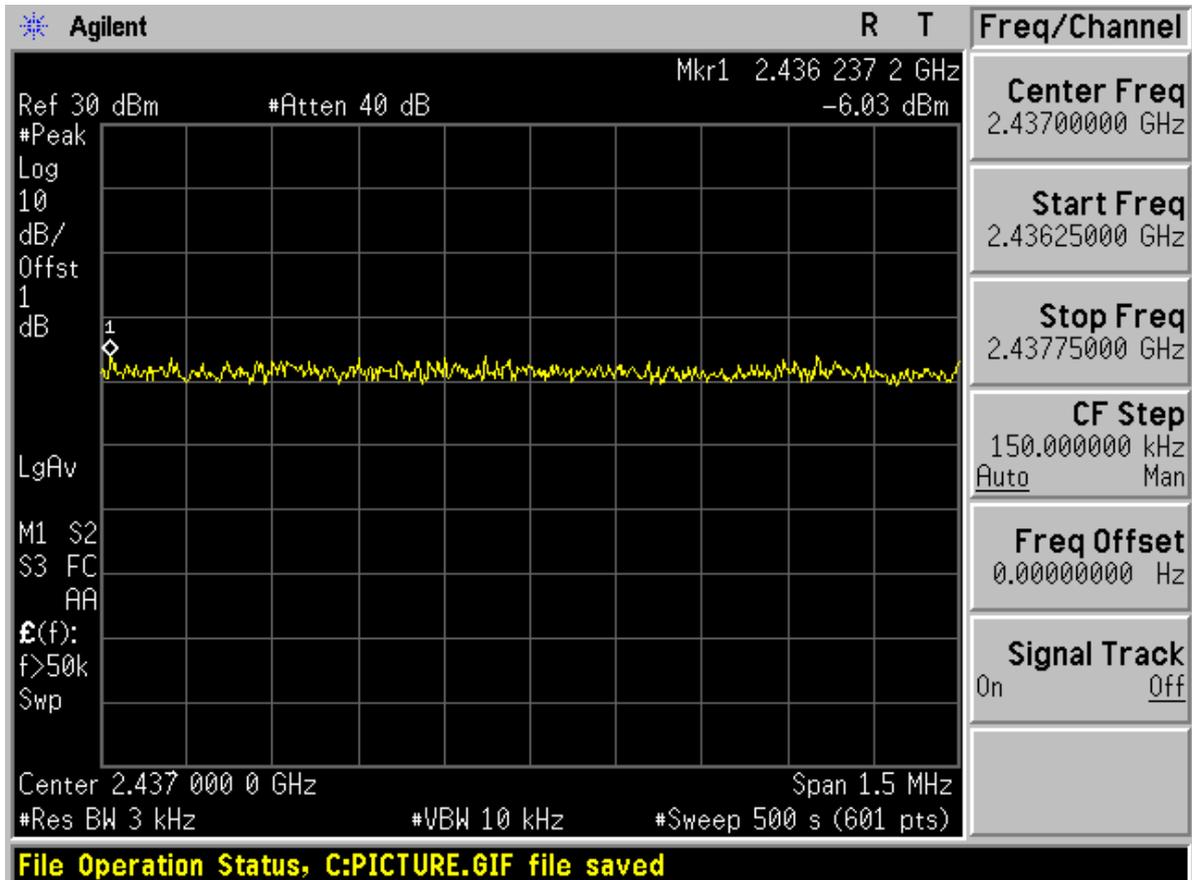


TM1 Channel 1



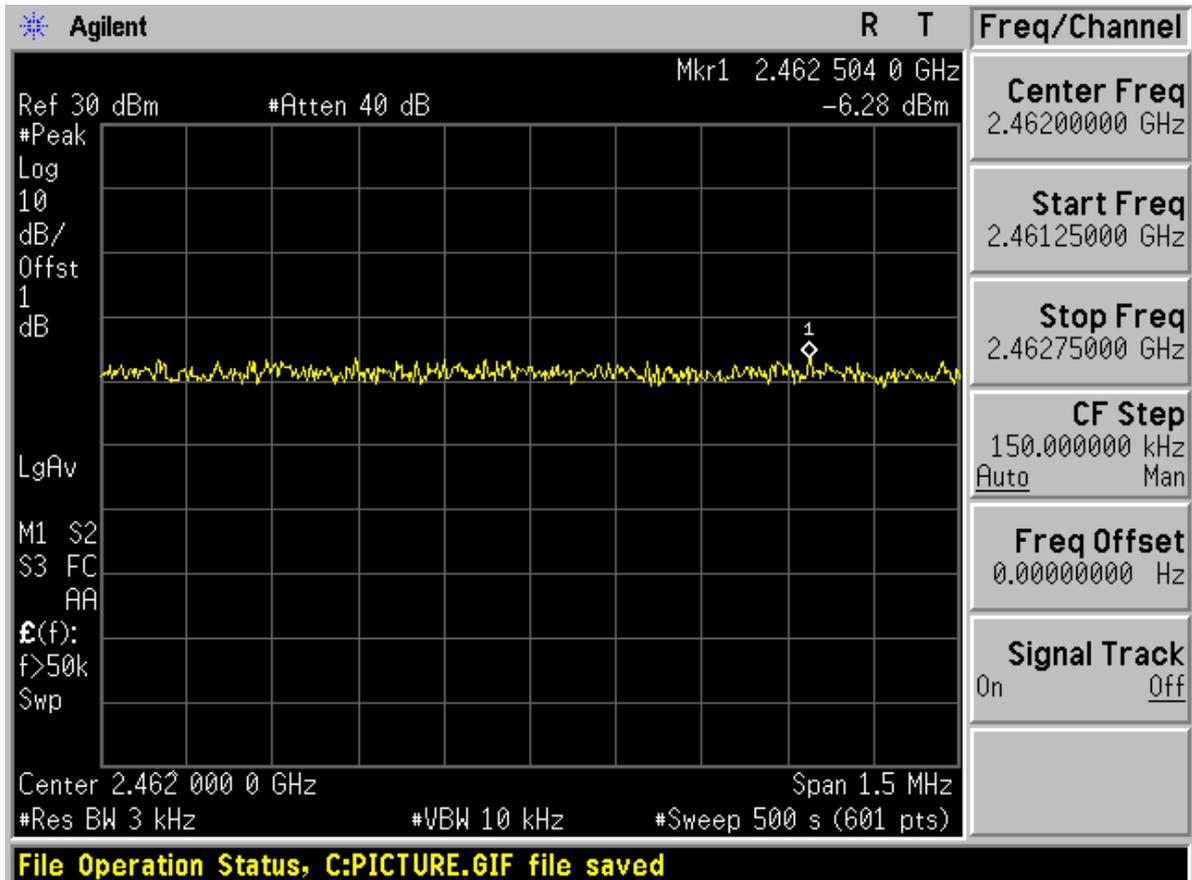


Channel 6



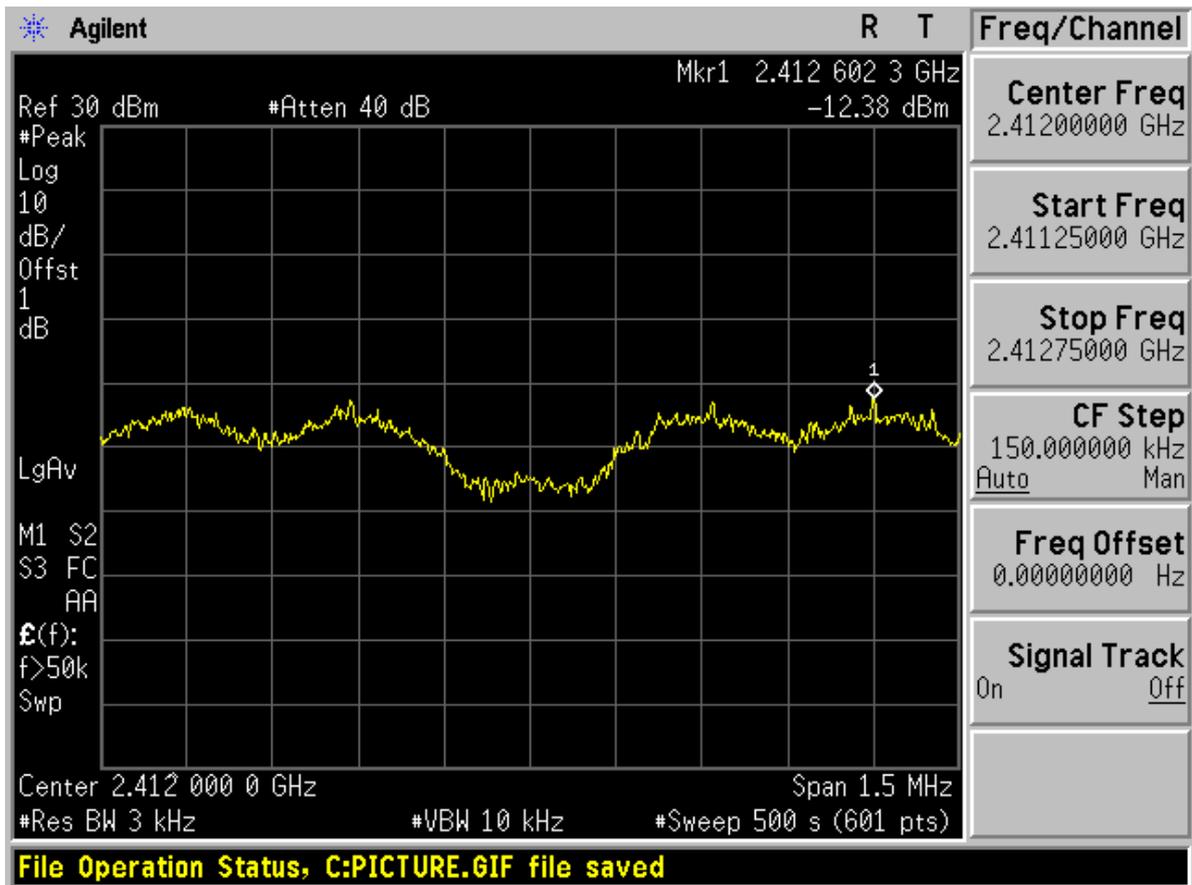


Channel 11



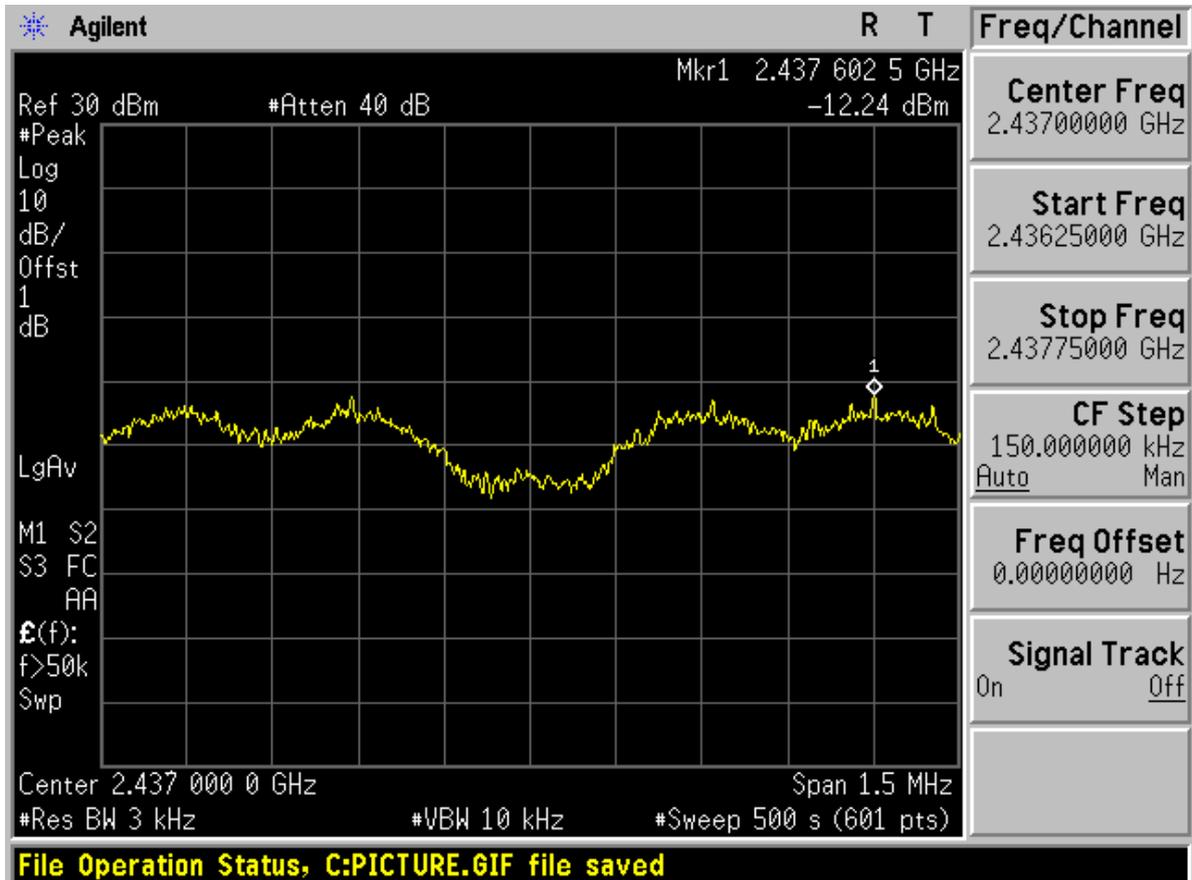


TM2 Channel 1



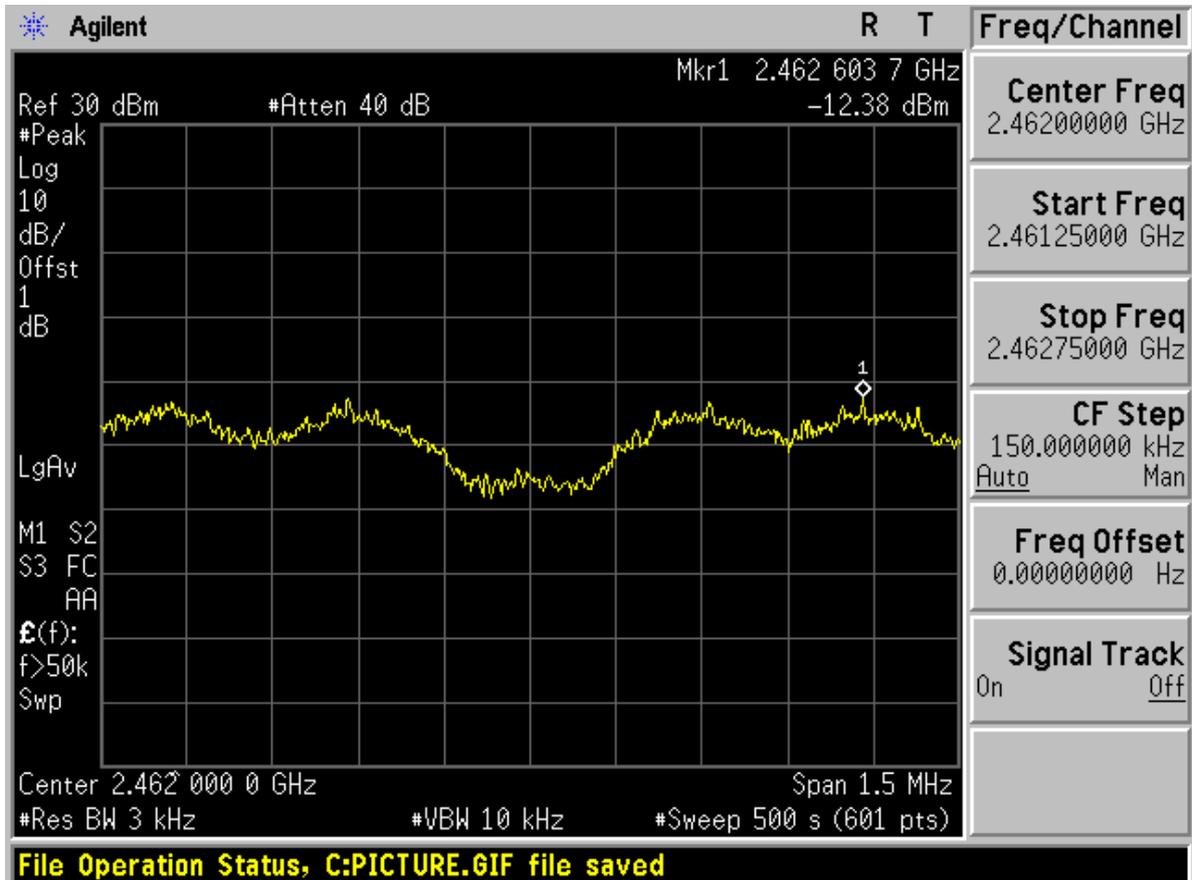


Channel 6



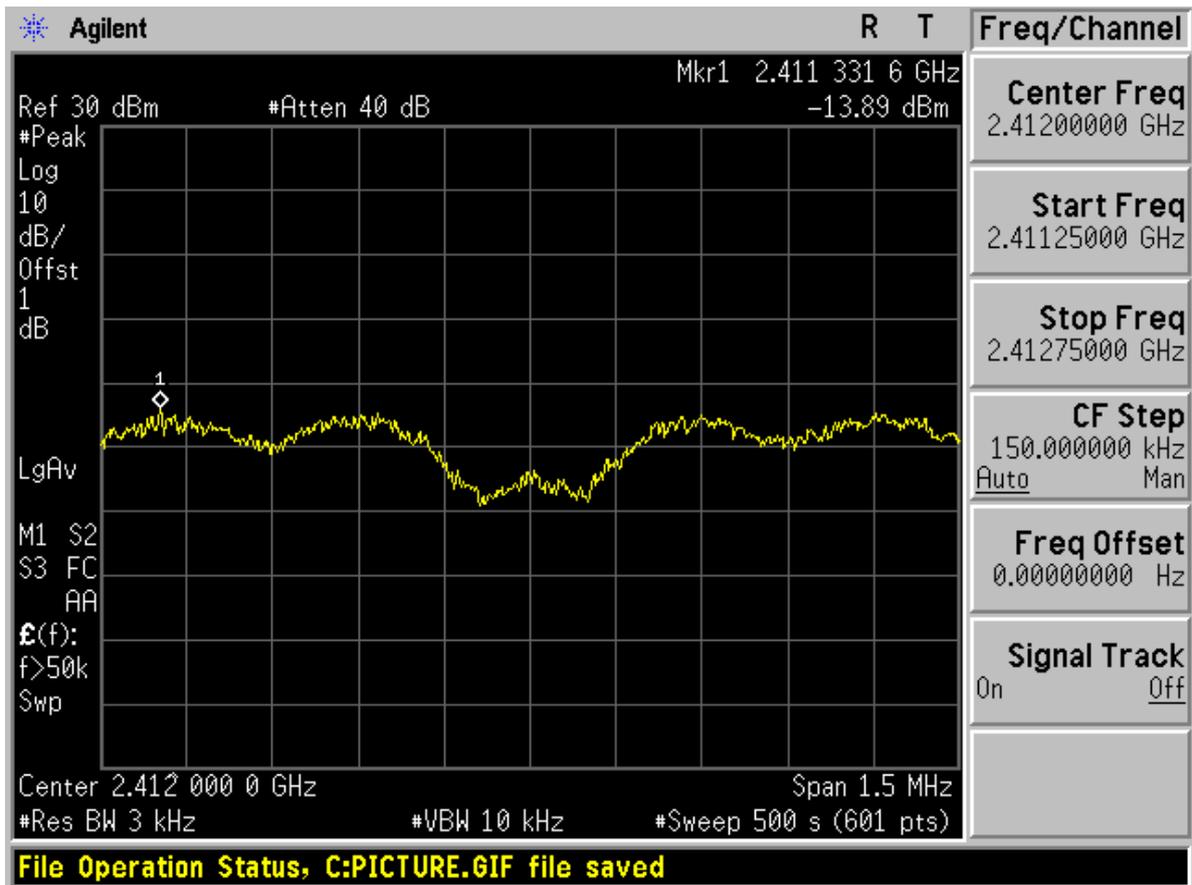


Channel 11



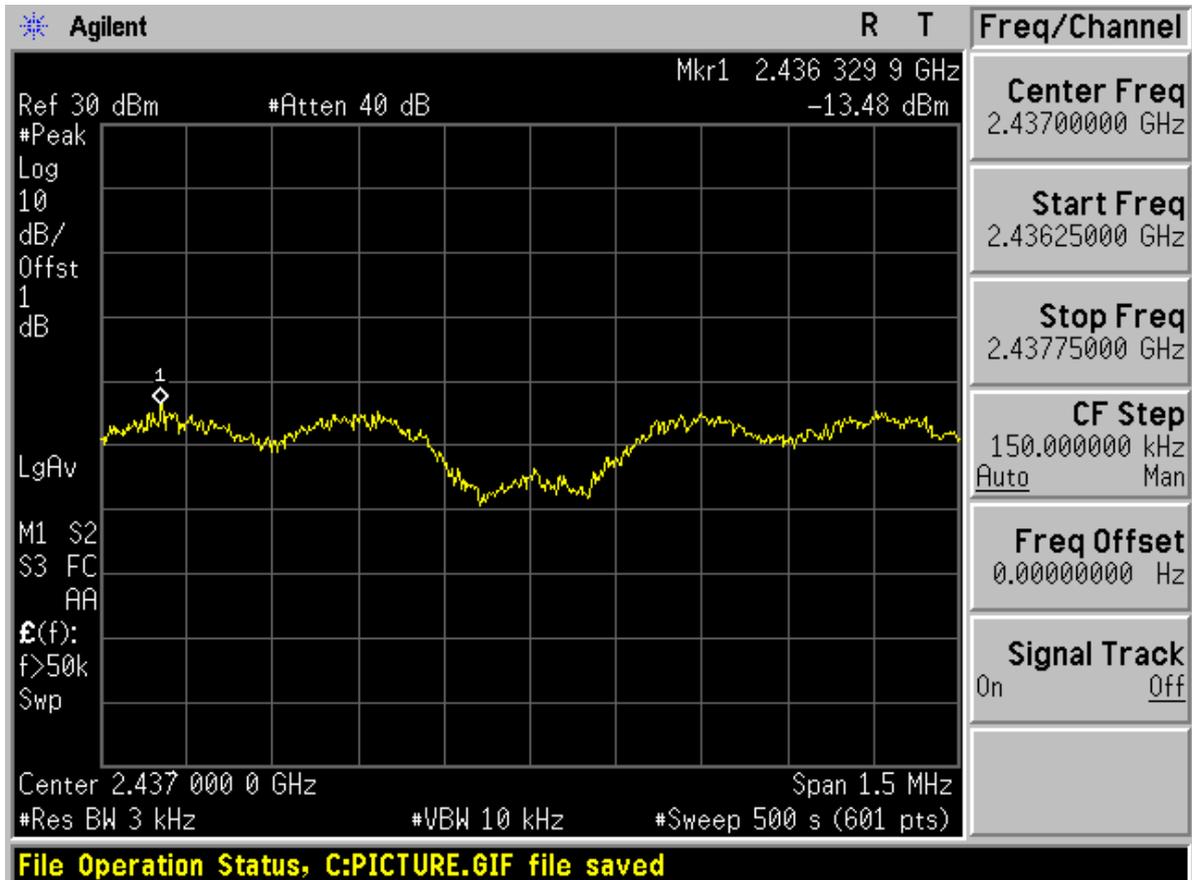


TM3 Channel 1



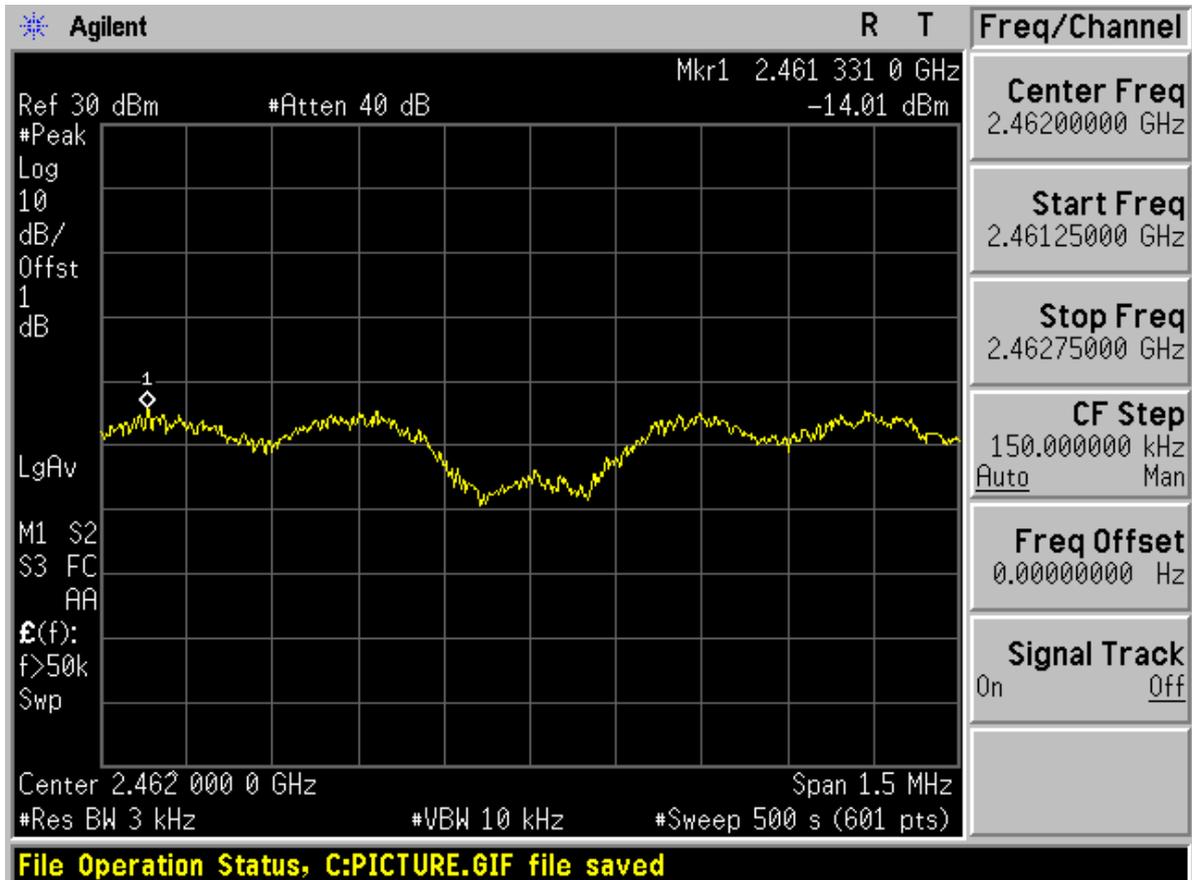


Channel 6





Channel 11



-----The END-----



Appendix F

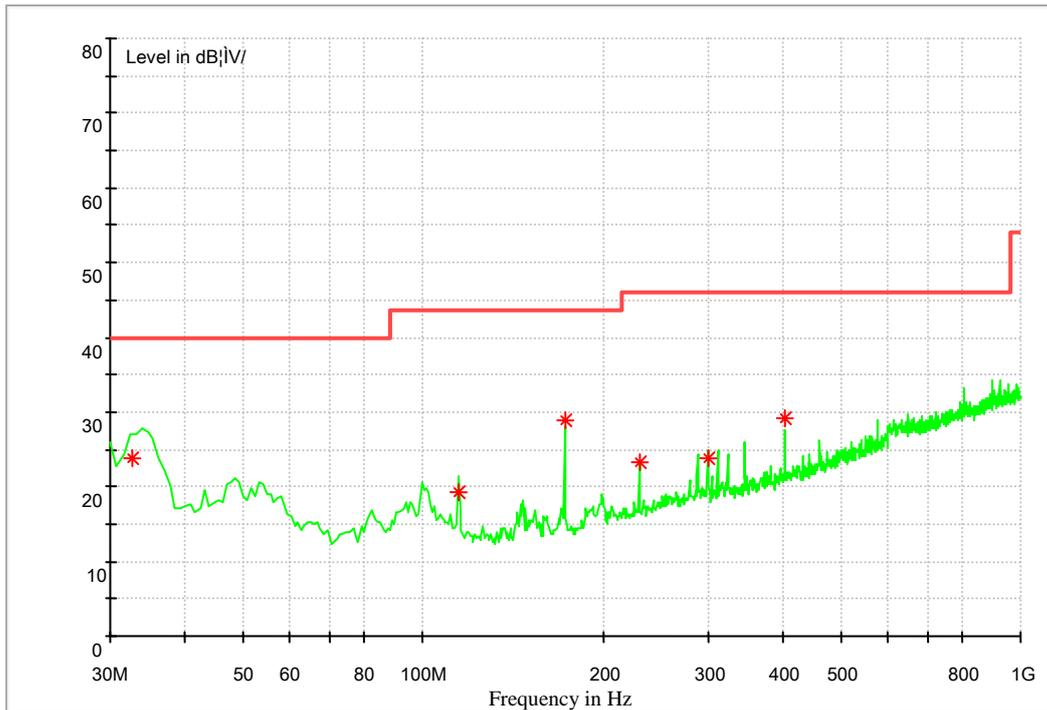
Radiated Spurious Emission & Spurious in Restricted Band (according to FCC Part 15.247(d) & 15.205 & 15.209)

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).**

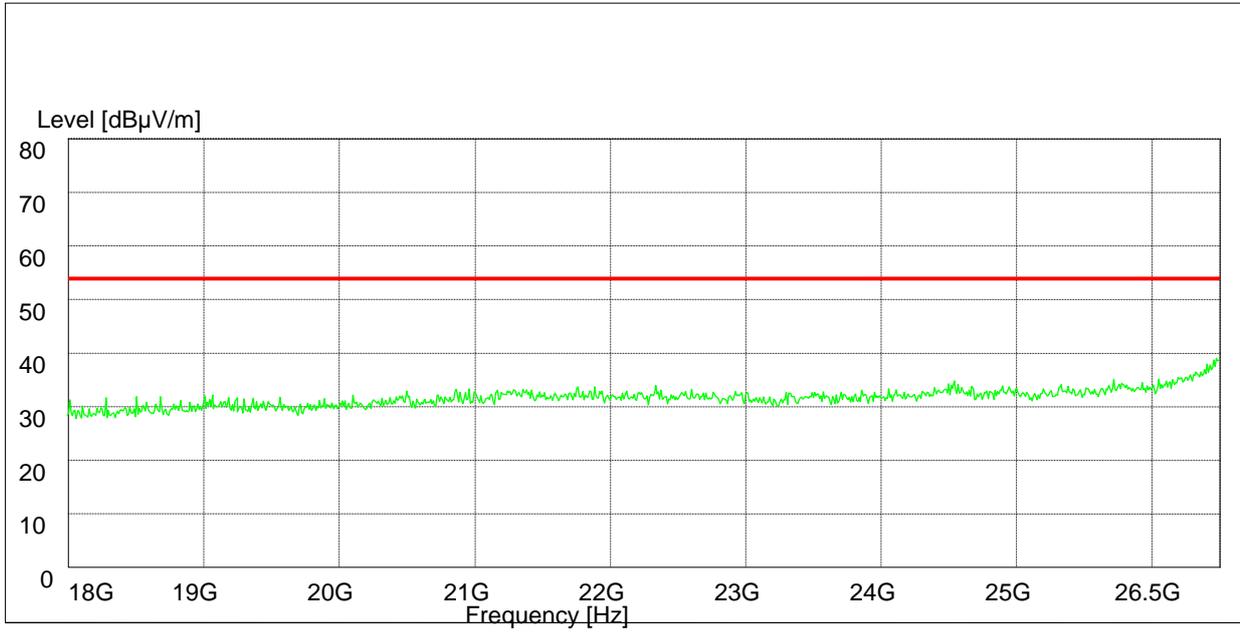


Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Plarization
32.737600	23.7	12.0	40.0	16.3	100.0	150.0	VERTICAL
115.179200	19.1	11.7	43.5	24.4	100.0	165.0	VERTICAL
172.805120	28.8	10.7	43.5	14.7	204.0	89.0	HORIZONTAL
230.411520	23.3	13.8	46.0	22.7	137.0	2.0	HORIZONTAL
299.976960	23.8	16.0	46.0	22.2	100.0	328.0	HORIZONTAL
403.196480	29.2	18.8	46.0	16.8	137.0	110.0	VERTICAL



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

Note: No peak found in pre- test.

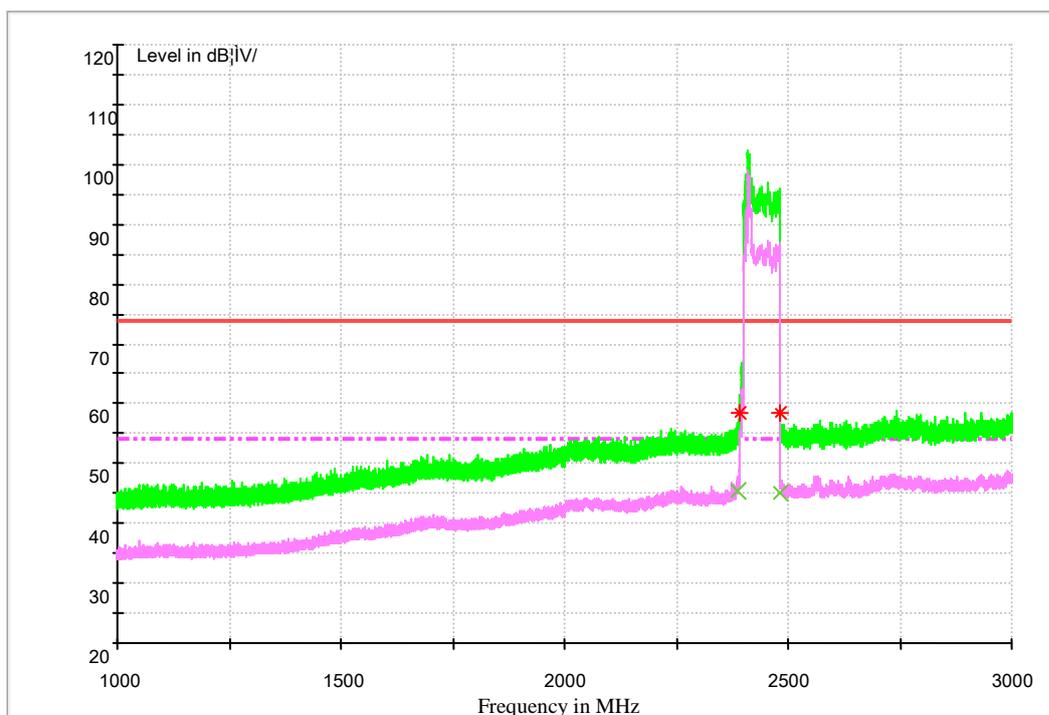


Part 3: Testing Range of “1GHz to 3GHz”

- Note 1: The testing range of “1GHz to 3 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

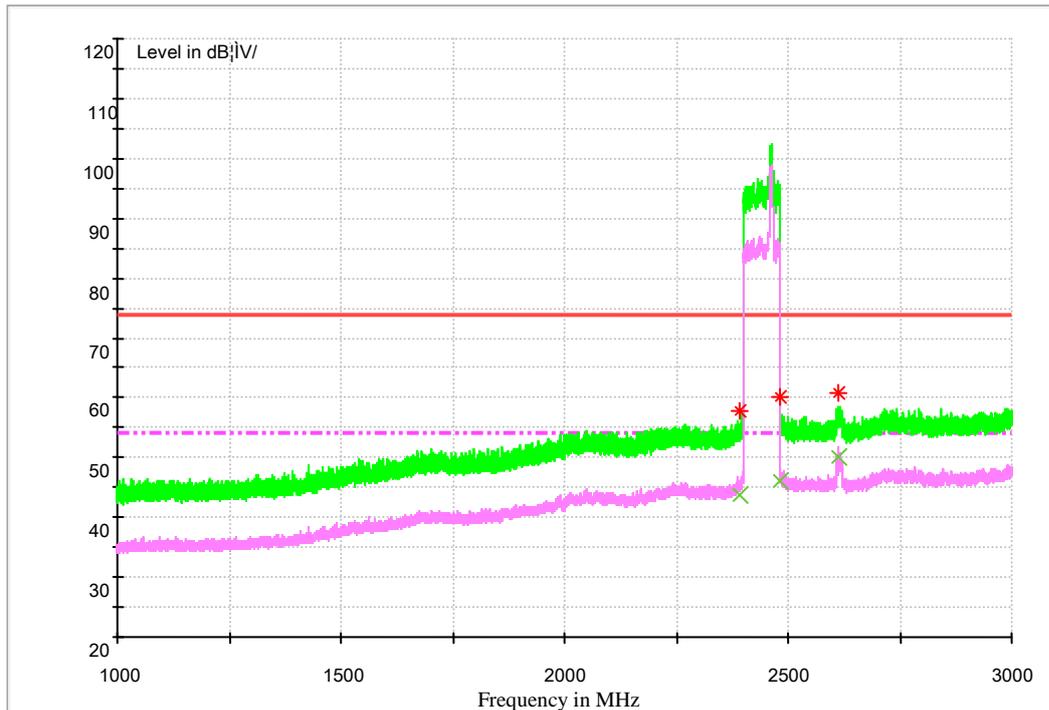
Frequency MHz	Level dB μ V/m	Transd dB	Limit dB μ V/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	58.6	38.3	74.0	15.4	100.0	123.0	HORIZONTAL
2483.500000	58.4	40.6	74.0	15.6	128.0	37.0	HORIZONTAL



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	45.4	38.3	54.0	8.6	100.0	85.0	HORIZONTAL
2483.500000	45.2	40.6	54.0	8.8	103.0	0.0	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	57.9	38.3	74.0	16.1	100.0	164.0	HORIZONTAL
2483.500000	60.1	40.6	74.0	13.9	122.0	174.0	HORIZONTAL
2613.853134	60.7	39.7	/	/	100.0	184.0	HORIZONTAL

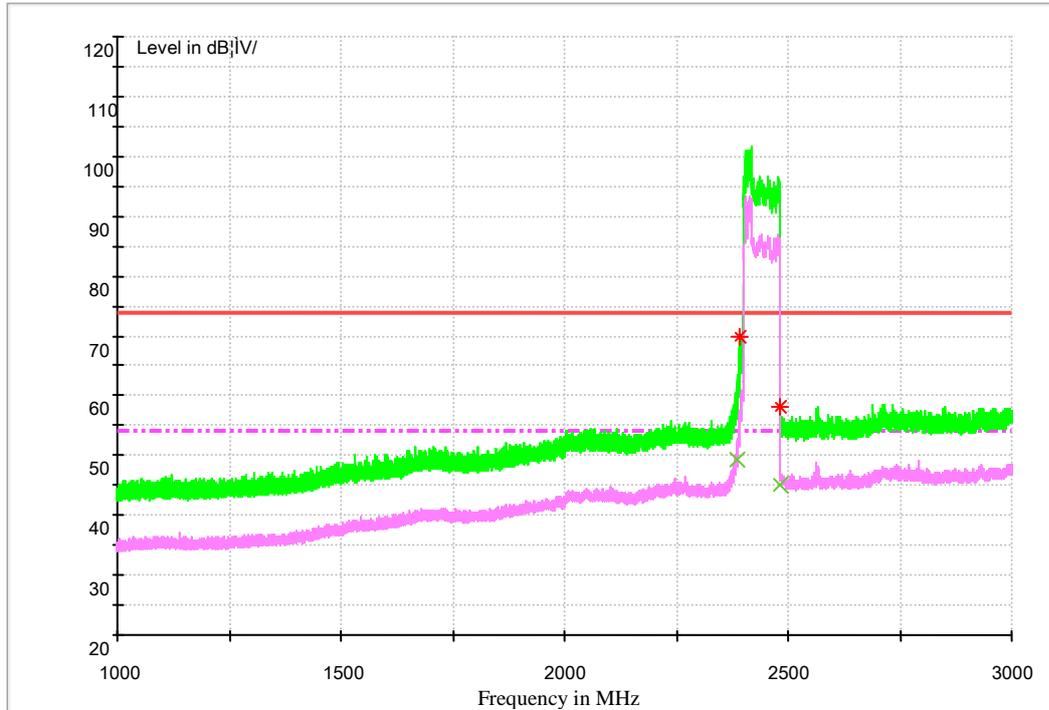
MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dB μ V/m	Transd dB	Limit dB μ V/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	43.9	38.3	54.0	10.1	100.0	167.0	HORIZONTAL
2483.500000	45.9	40.6	54.0	8.1	100.0	151.0	HORIZONTAL
2612.515167	50.1	39.9	/	/	100.0	167.0	HORIZONTAL

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

2 Test Mode: 11g

2.1 Channel 01



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

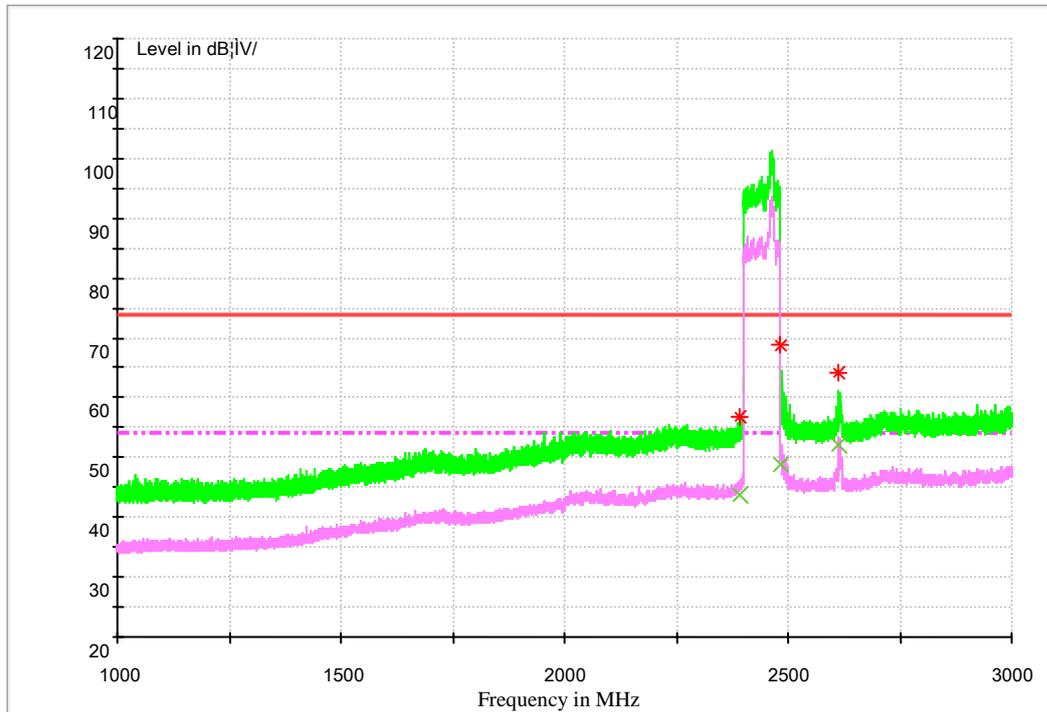
MEASUREMENT RESULT: PK Detector

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	69.9	38.3	74.0	4.1	100.0	132.0	HORIZONTAL
2483.500000	58.3	40.6	74.0	15.7	136.0	321.0	VERTICAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	49.7	38.3	54.0	4.3	100.0	150.0	VERTICAL
2483.500000	45.0	40.6	54.0	9.0	100.0	36.0	HORIZONTAL

2.2 Channel 11



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

MEASUREMENT RESULT: PK Detector

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	56.7	38.3	74.0	17.3	129.0	277.0	VERTICAL
2483.500000	69.7	40.6	74.0	4.3	100.0	168.0	HORIZONTAL
2614.559066	64.2	39.6	/	/	100.0	174.0	HORIZONTAL

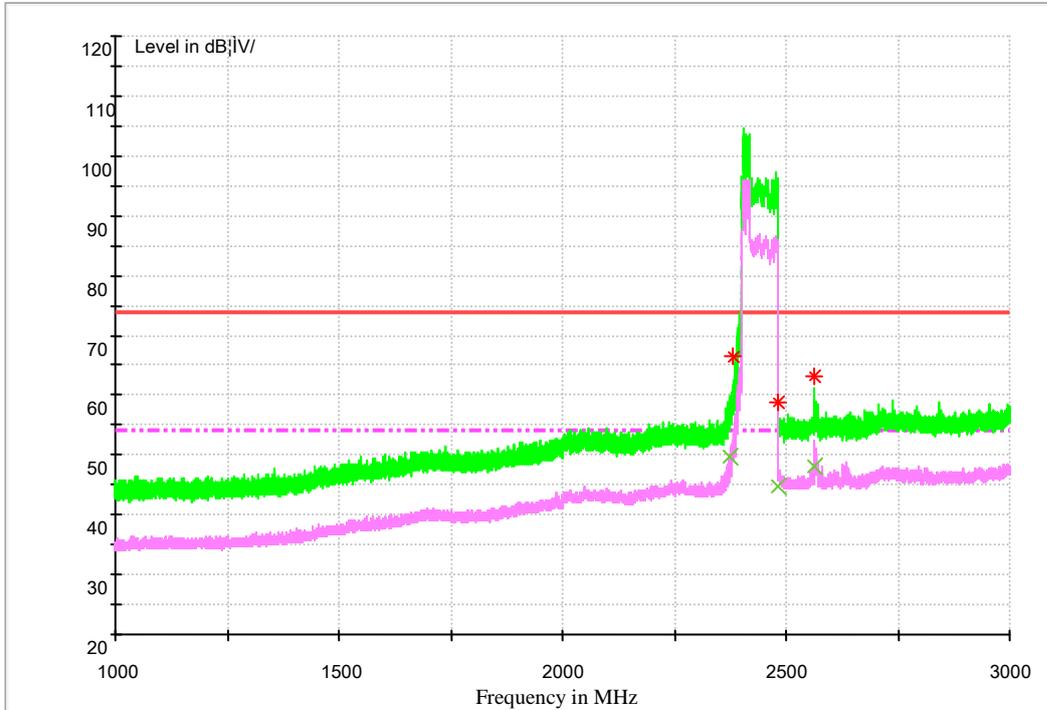
MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	43.6	38.3	54.0	7.4	100.0	119.0	HORIZONTAL
2483.500000	51.1	40.6	54.0	6.6	100.0	168.0	HORIZONTAL
2614.489233	52.0	39.6	/	/	100.0	168.0	HORIZONTAL

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

3 Test Mode: 11n

3.1 Channel 01



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

MEASUREMENT RESULT: PK Detector

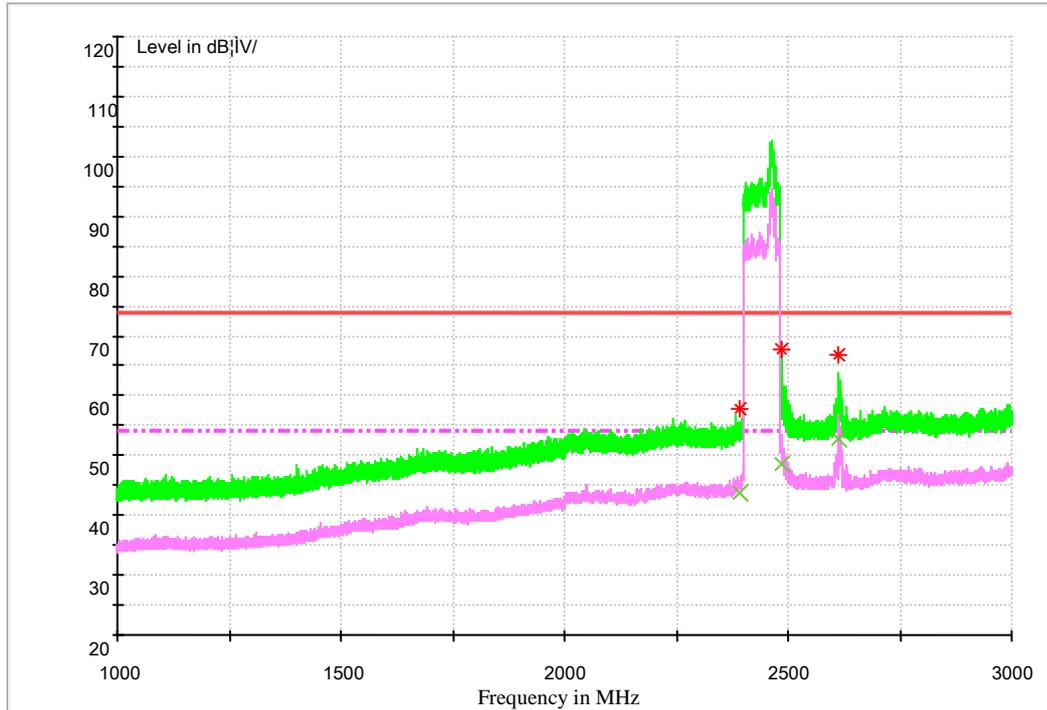
Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	65.7	38.3	74.0	8.3	113.0	167.0	HORIZONTAL
2483.500000	58.7	40.6	74.0	15.3	100.0	338.0	VERTICAL
2563.925433	63.0	38.8	/	/	100.0	162.0	HORIZONTAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	49.8	38.3	54.0	4.2	100.0	156.0	HORIZONTAL
2483.500000	44.9	40.6	54.0	9.1	100.0	338.0	VERTICAL
2563.487200	48.2	38.8	/	/	100.0	156.0	HORIZONTAL

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

3.2 Channel 11



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

MEASUREMENT RESULT: PK Detector

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	57.7	38.3	74.0	16.3	113.0	166.0	HORIZONTAL
2483.500000	71.2	40.6	74.0	2.8	100.0	166.0	HORIZONTAL
2613.698766	66.9	39.7	/	/	100.0	168.0	HORIZONTAL

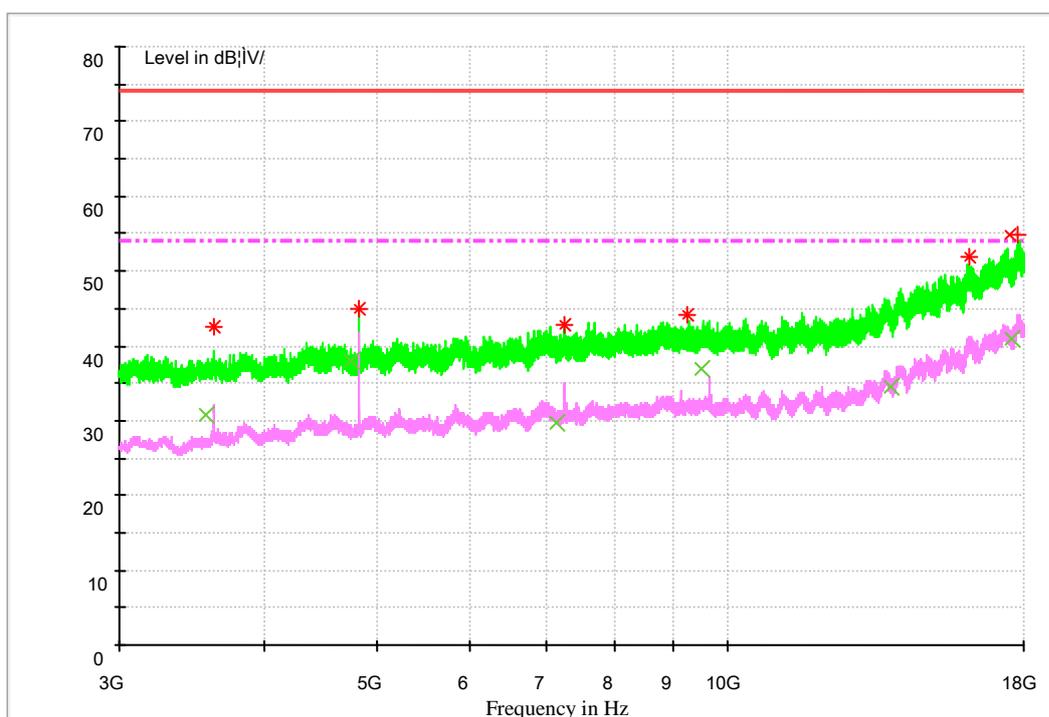
MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	43.8	38.3	54.0	10.2	153.0	150.0	HORIZONTAL
2483.500000	48.4	40.6	54.0	5.6	149.0	166.0	HORIZONTAL
2613.467334	52.7	39.7	/	/	100.0	166.0	HORIZONTAL

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 “3GHz 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
3618.415333	42.6	-2.0	74.0	31.4	100.0	31.0	HORIZONTAL
4824.181333	44.8	0.9	74.0	29.2	128.0	15.0	HORIZONTAL
7242.250667	42.8	5.7	74.0	31.2	156.0	286.0	VERTICAL
9256.196667	44.0	9.1	74.0	30.0	114.0	41.0	HORIZONTAL
16181.288000	52.0	24.4	74.0	22.0	100.0	189.0	VERTICAL
17817.857333	54.8	28.7	74.0	19.2	100.0	94.0	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
3618.495333	30.8	-2.0	54.0	23.2	100.0	18.0	HORIZONTAL
4824.141333	38.1	0.9	54.0	15.9	100.0	2.0	HORIZONTAL
7237.048667	29.8	5.7	54.0	24.2	100.0	294.0	VERTICAL
9648.046667	37.0	9.7	54.0	17.0	100.0	342.0	VERTICAL
14040.390667	34.4	19.6	54.0	19.6	100.0	0.0	HORIZONTAL
17861.265333	41.0	28.3	54.0	13.0	100.0	294.0	VERTICAL

-----The END-----



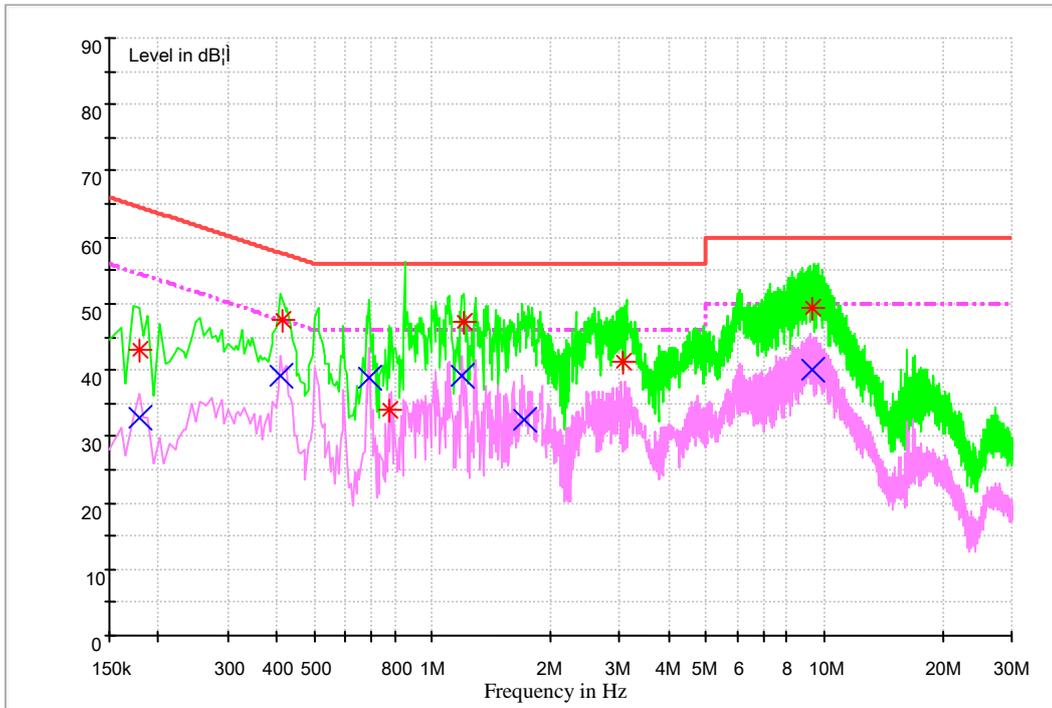
Appendix G

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
0.179932	43.0	9.7	64.5	21.5	N	FLO
0.415936	47.6	9.7	57.5	9.9	N	FLO
0.776302	34.1	9.7	56.0	21.9	L1	FLO
1.196636	47.2	9.7	56.0	8.8	N	FLO
3.054694	41.3	9.7	56.0	14.7	N	FLO
9.264788	49.5	9.9	60.0	10.5	N	FLO



MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dB μ V	Transd dB	Limit dB μ V	Margin dB	Line	PE
0.180157	32.9	9.7	54.5	21.6	L1	FLO
0.409703	39.1	9.7	47.7	8.6	N	FLO
0.687161	38.8	9.7	46.0	7.2	N	FLO
1.185188	39.2	9.7	46.0	6.8	N	FLO
1.706213	32.4	9.7	46.0	13.6	N	FLO
9.259530	39.9	9.9	50.0	10.1	N	FLO

-----The END-----