



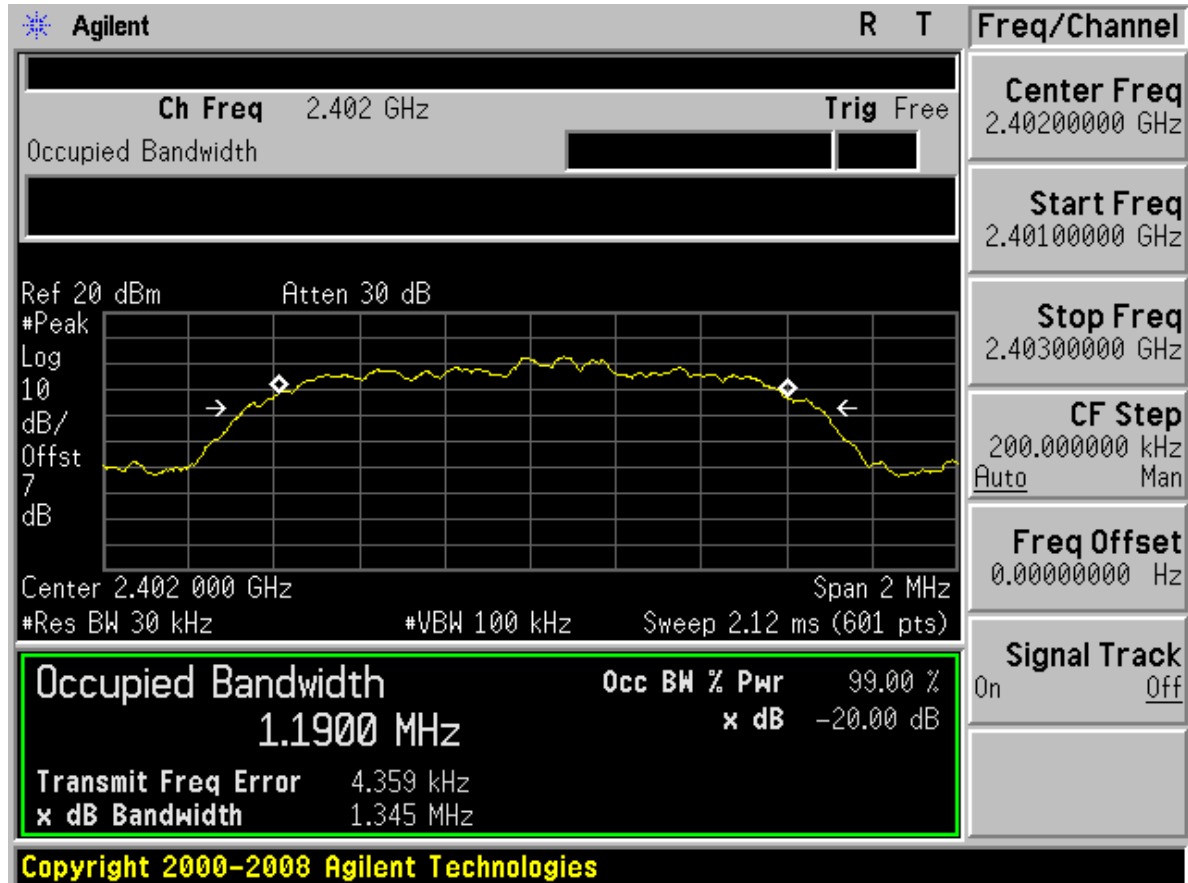
Appendix A

Bandwidth measurement

According to FCC Part 15.247 (a) (1)

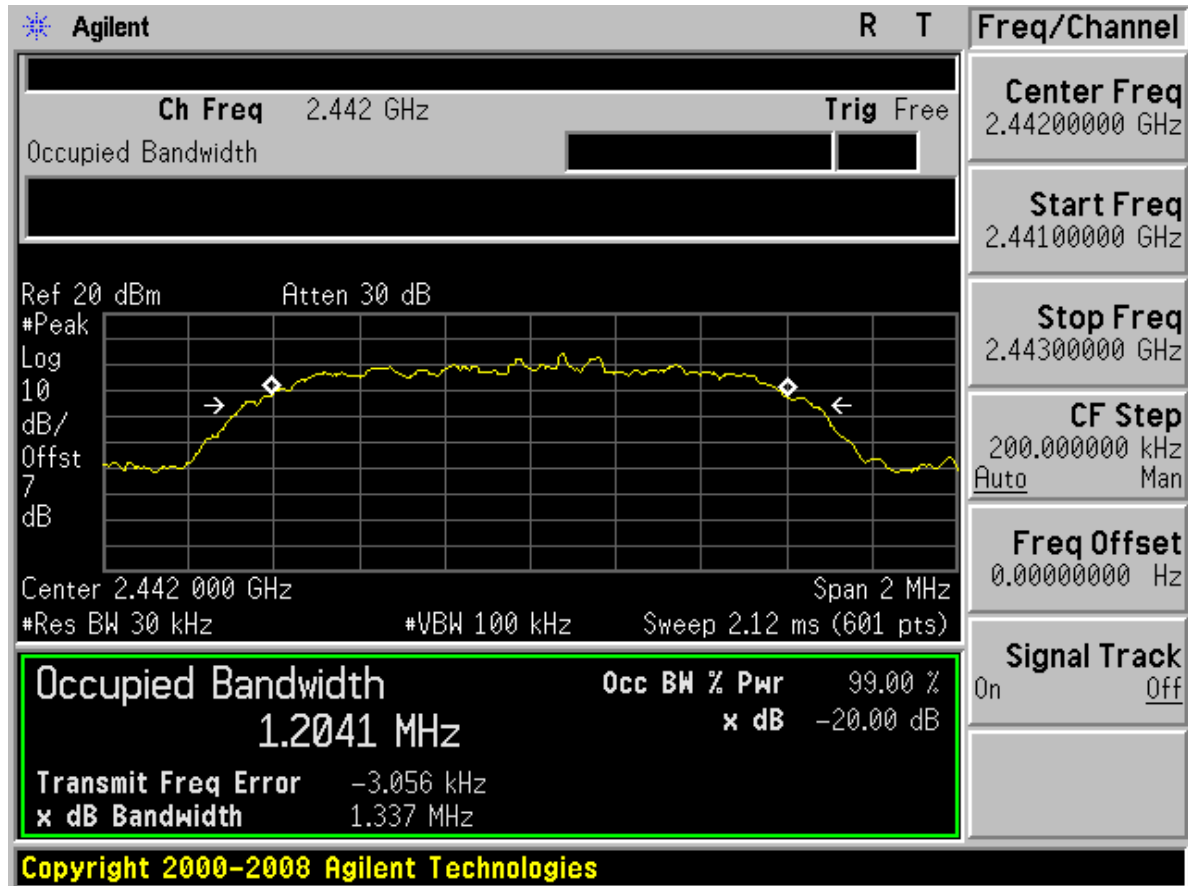


Modulation: $\pi/4$ -DQPSK Channel 0 (2402MHz)



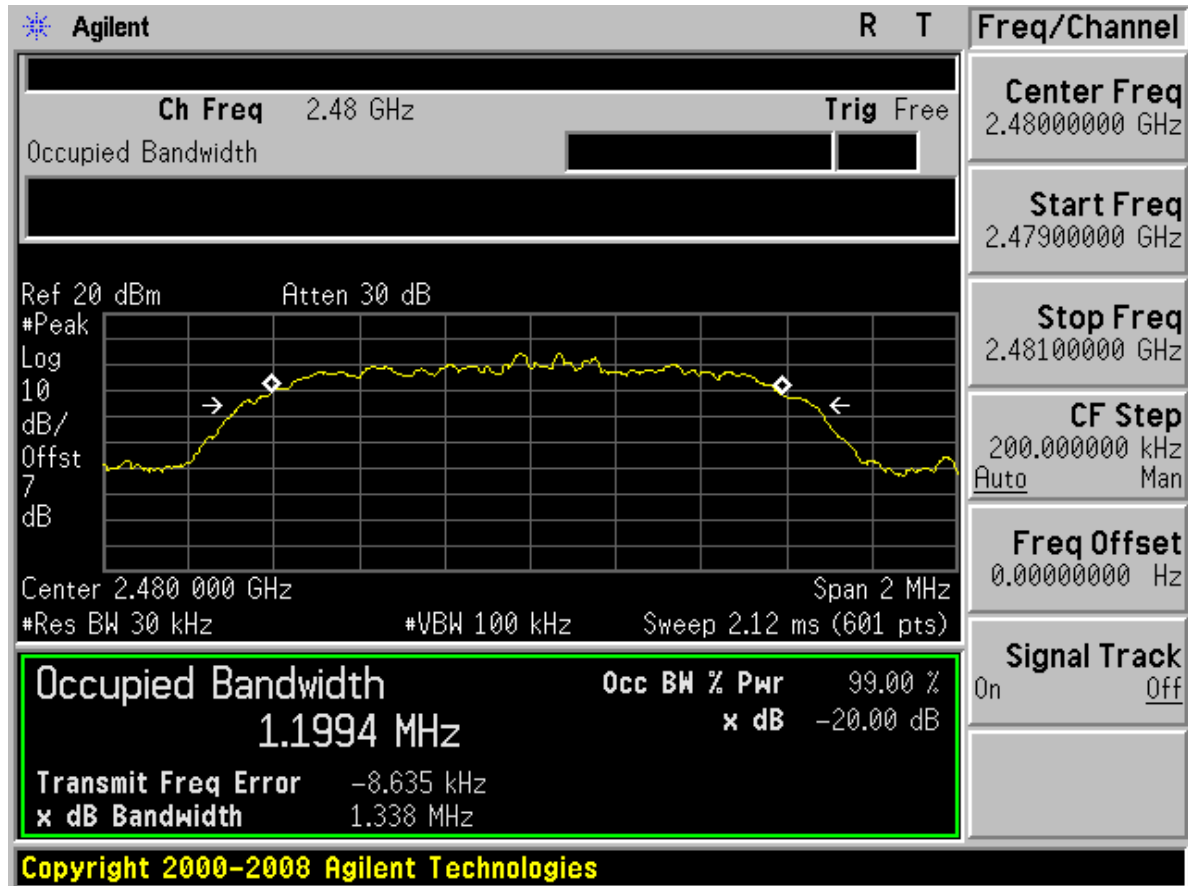


Channel 40 (2442MHz)



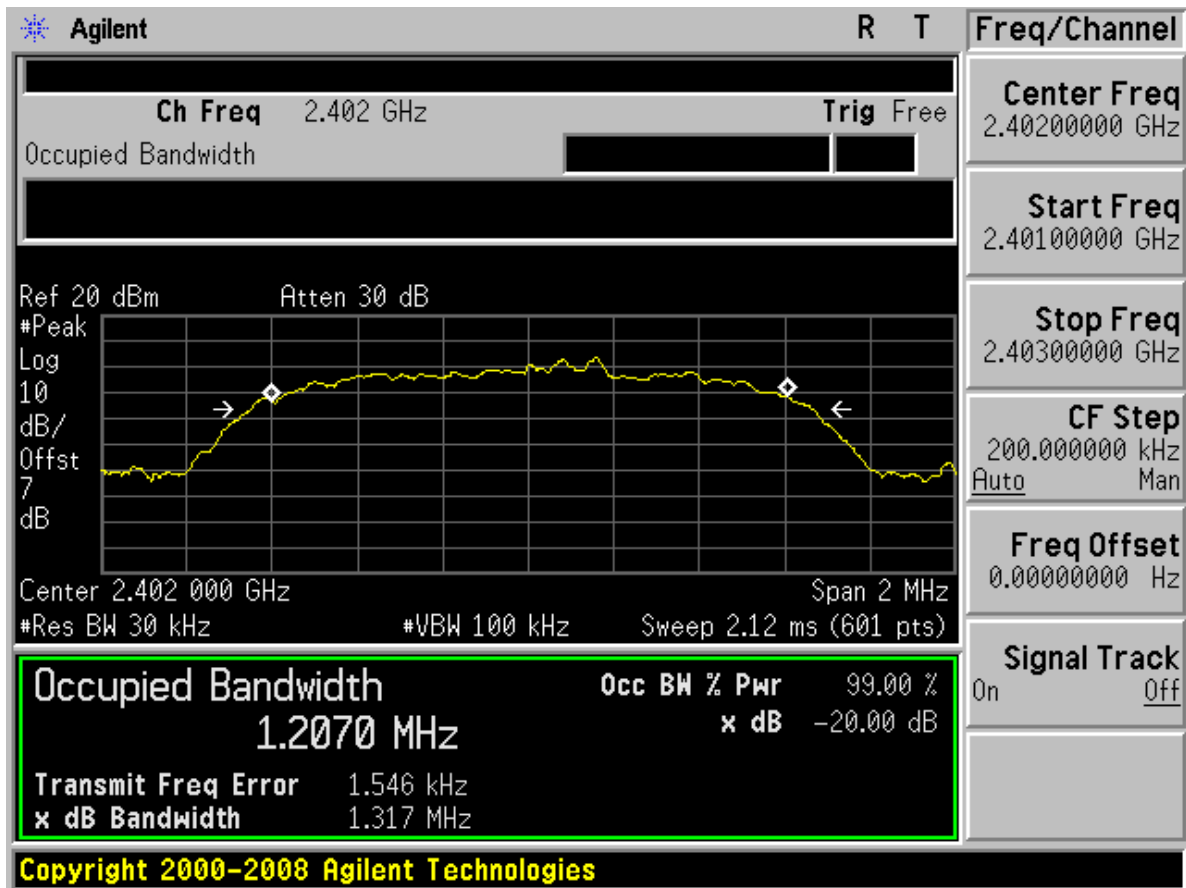


Channel 78 (2480MHz)



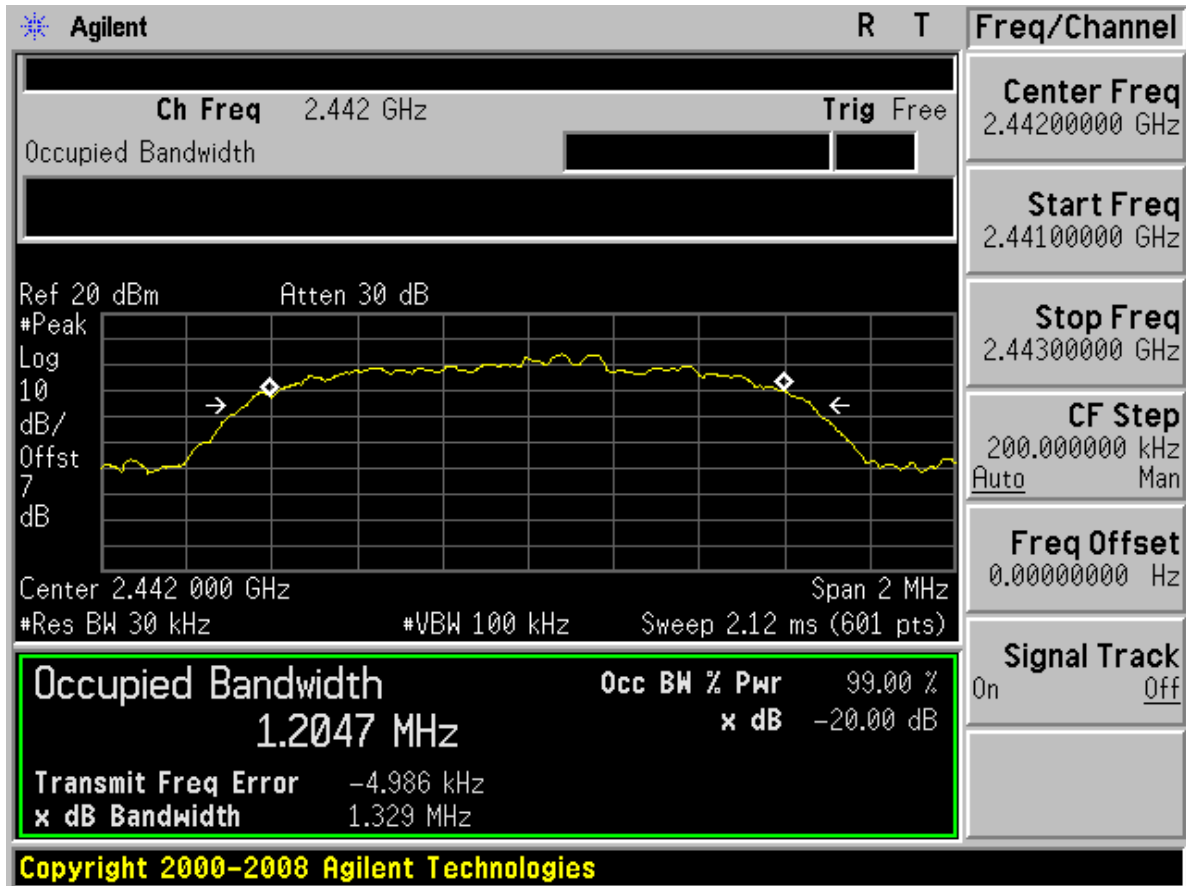


Modulation:8DPSK Channel 0 (2402MHz)



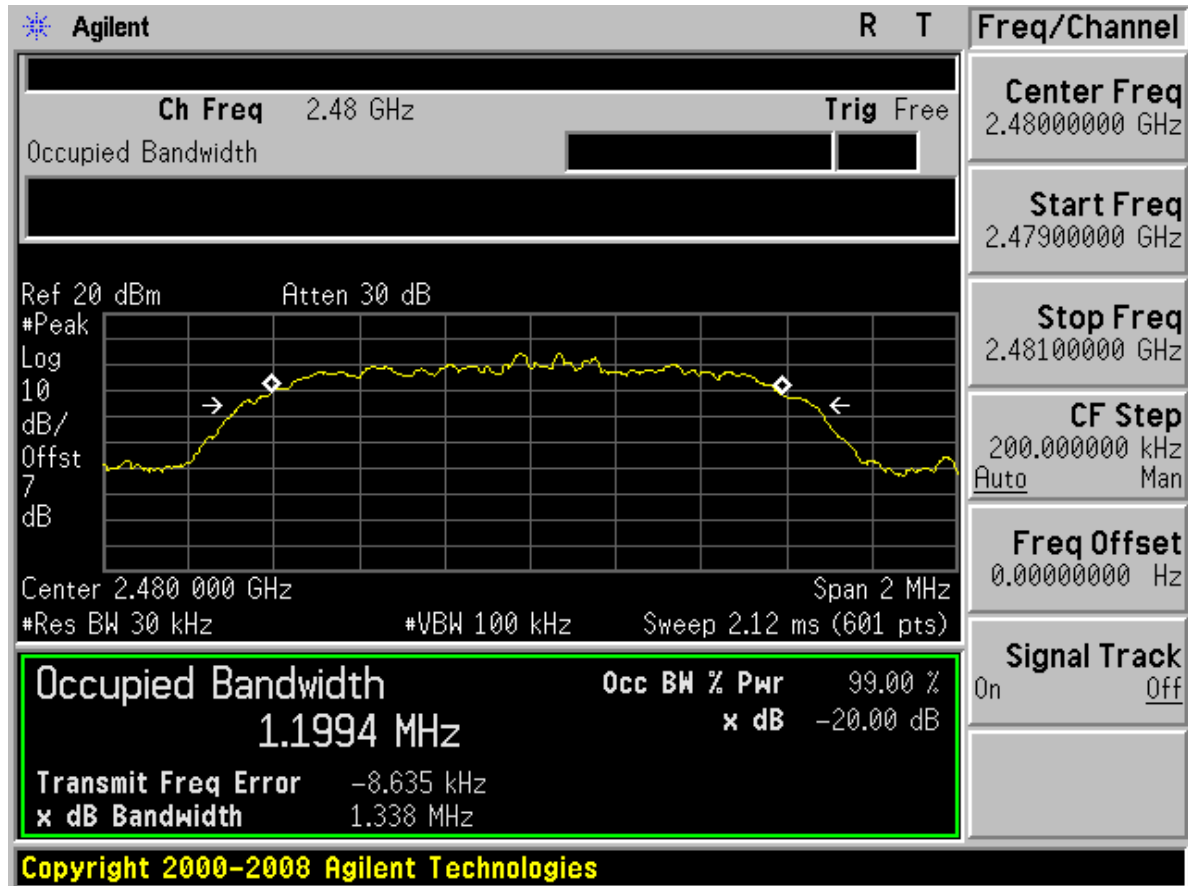


Channel 40 (2442MHz)





Channel 78 (2480MHz)





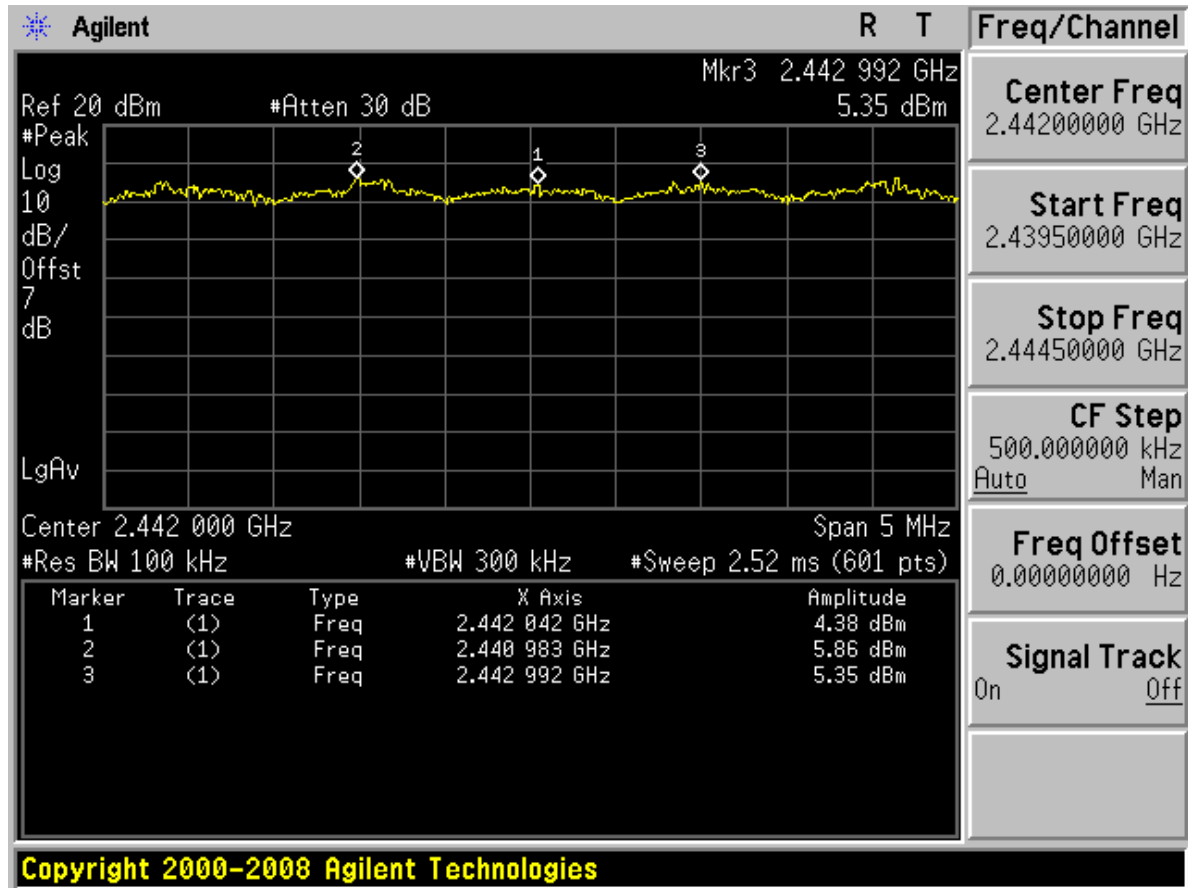
Appendix B

Carrier frequency separation measurement

According to FCC Part 15.247 (a) (1)

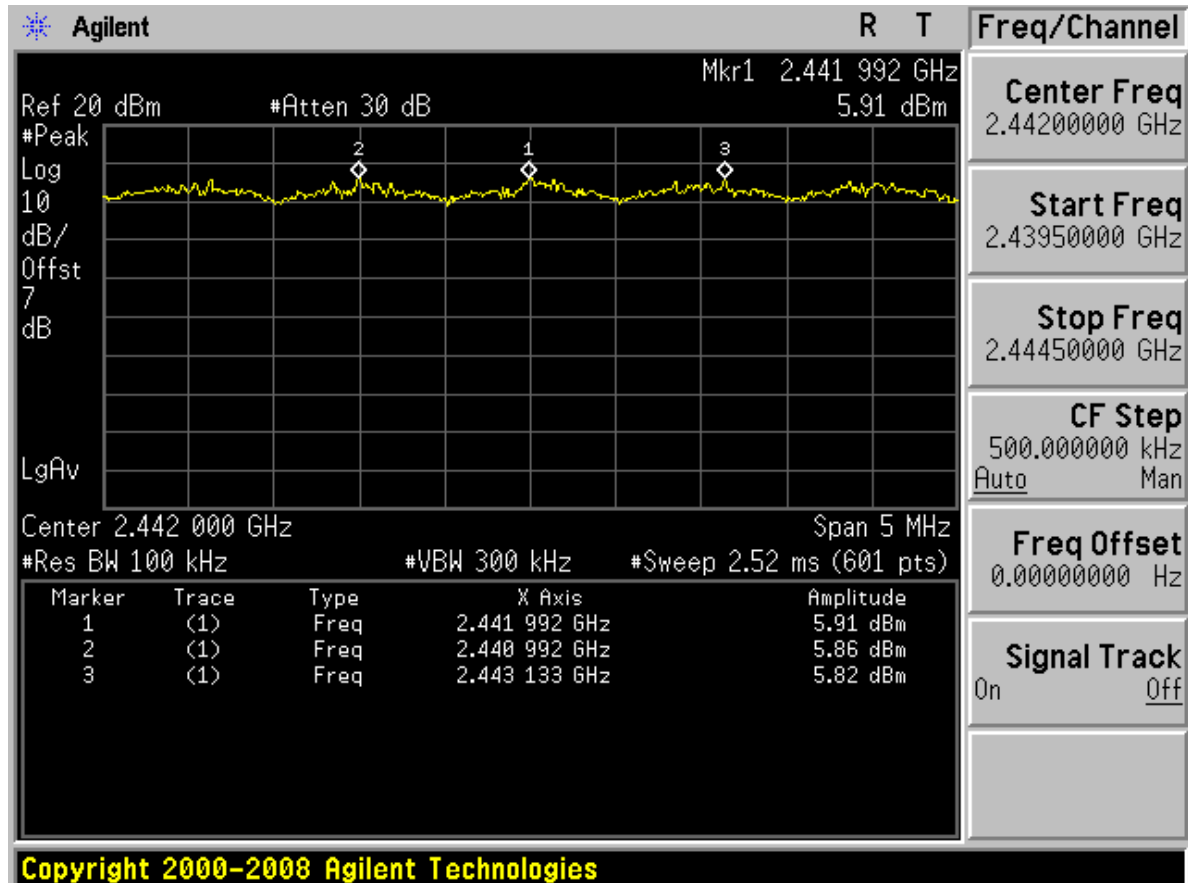


Modulation: $\pi/4$ -DQPSK Centred at Channel 40





Modulation: 8DPSK Centred at Channel 40



-----The End -----



Appendix C

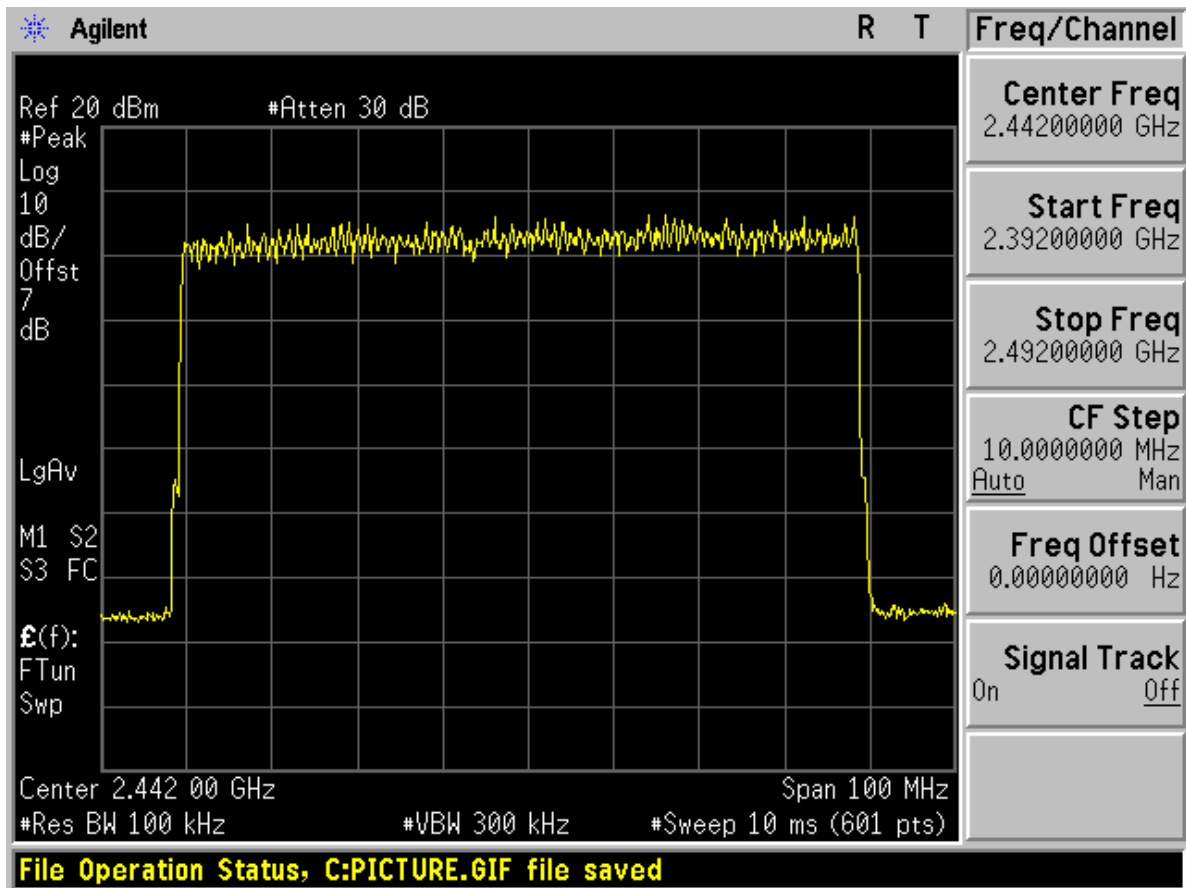
Number of hopping channel

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



Modulation: $\pi/4$ -DQPSK

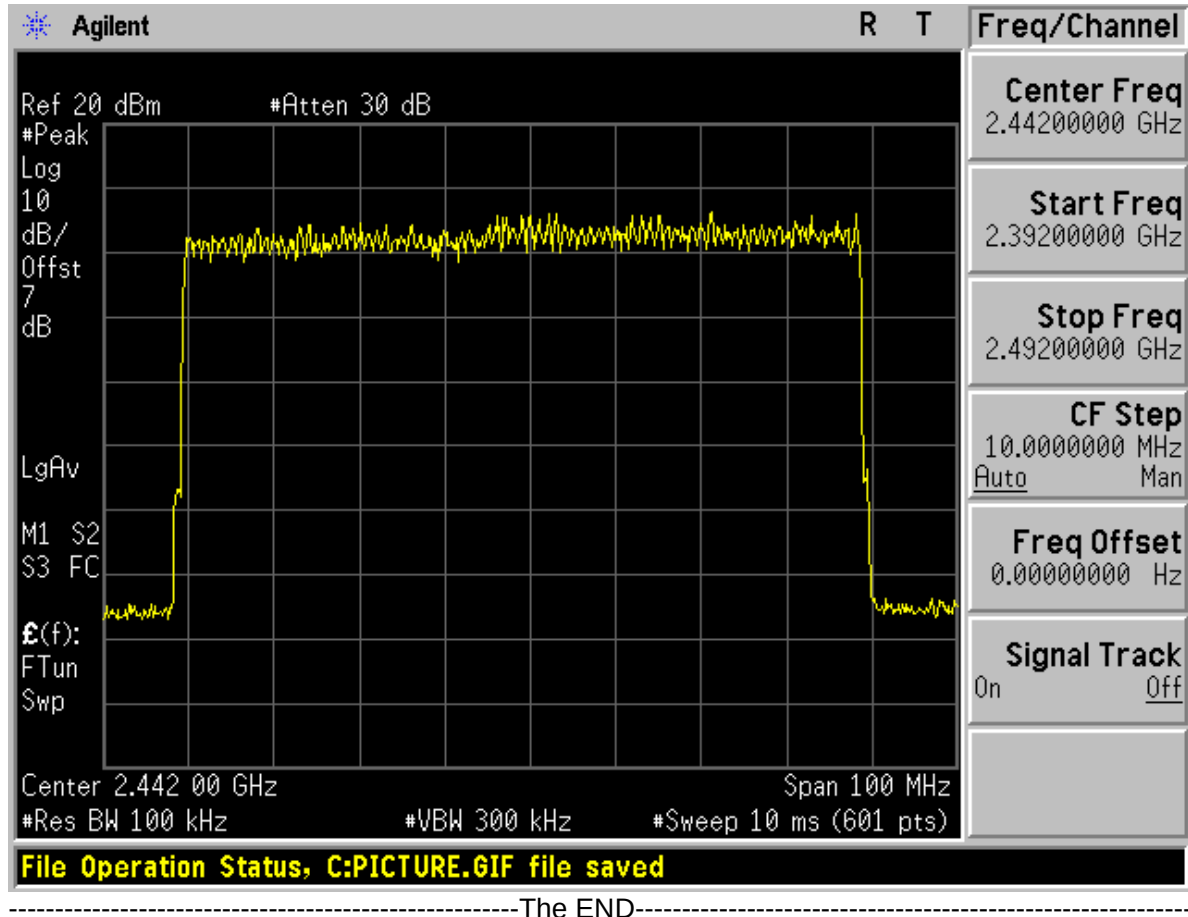
Total hopping channels = 79





Modulation:8DPSK

Total hopping channels = 79





Appendix D

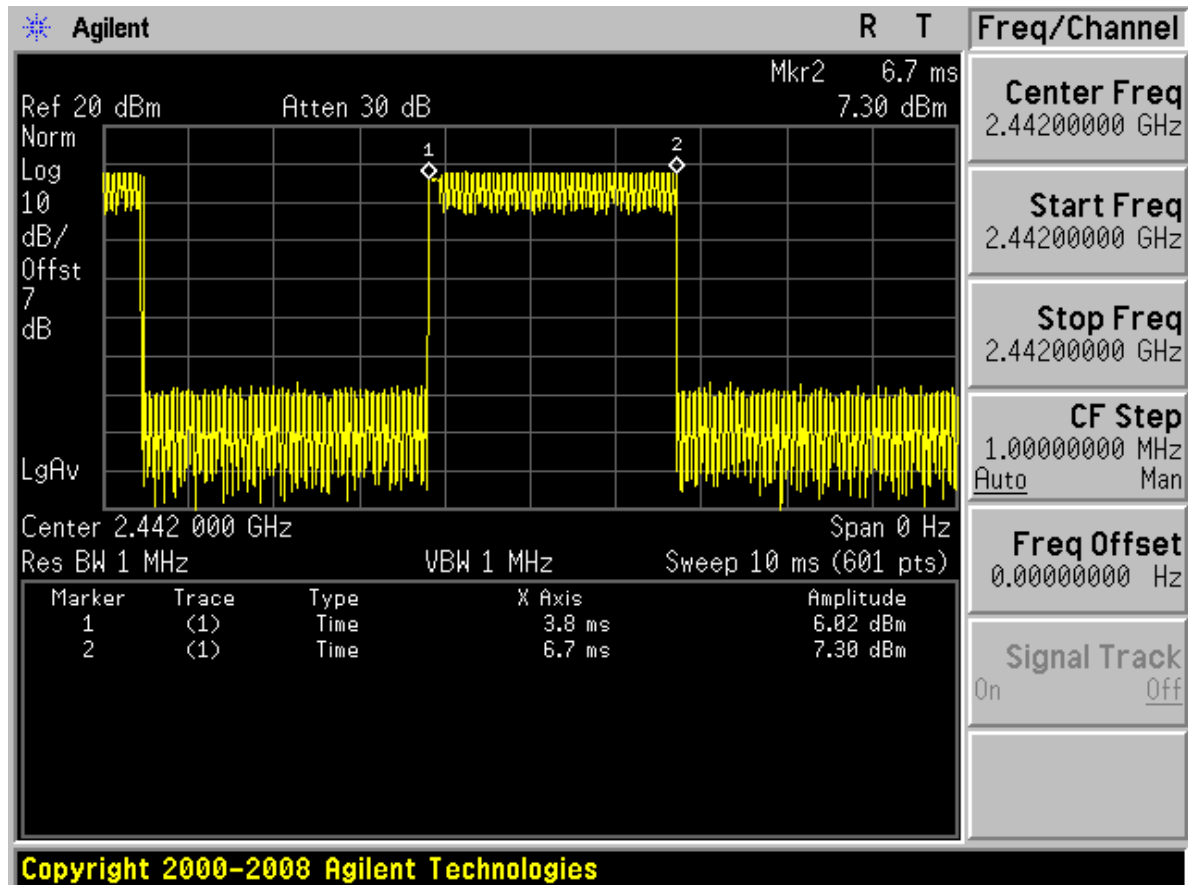
Time of occupancy

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



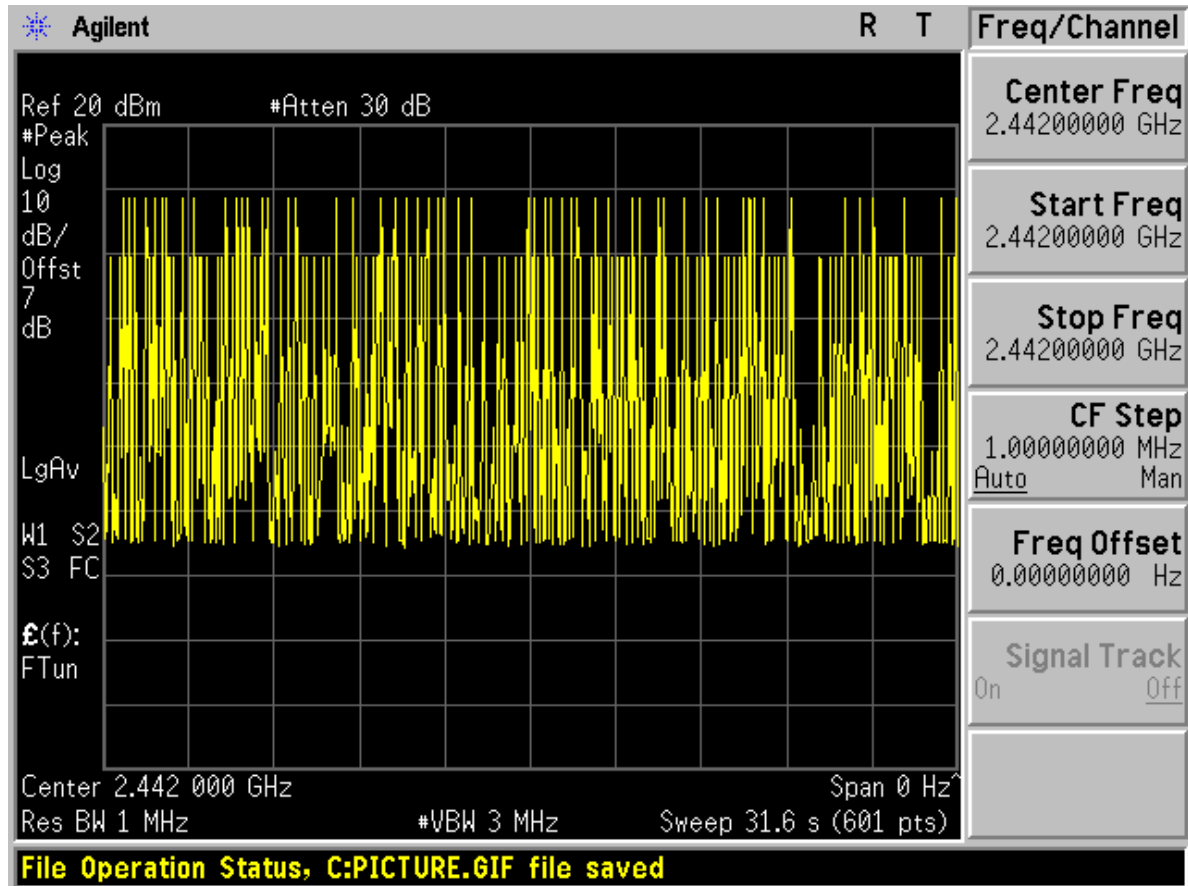
Modulation: $\pi/4$ -DQPSK

A burst (One time slot)





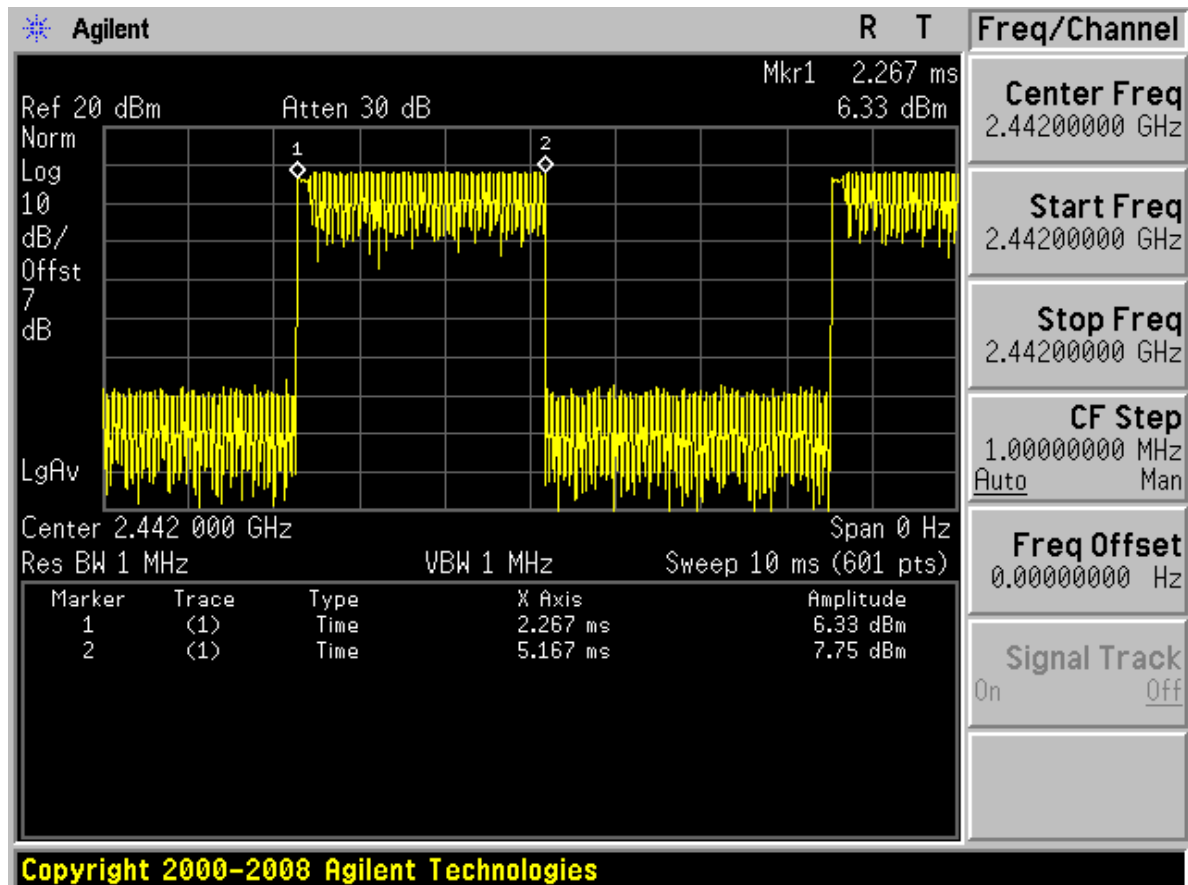
A period (Less than 106.7 burst)





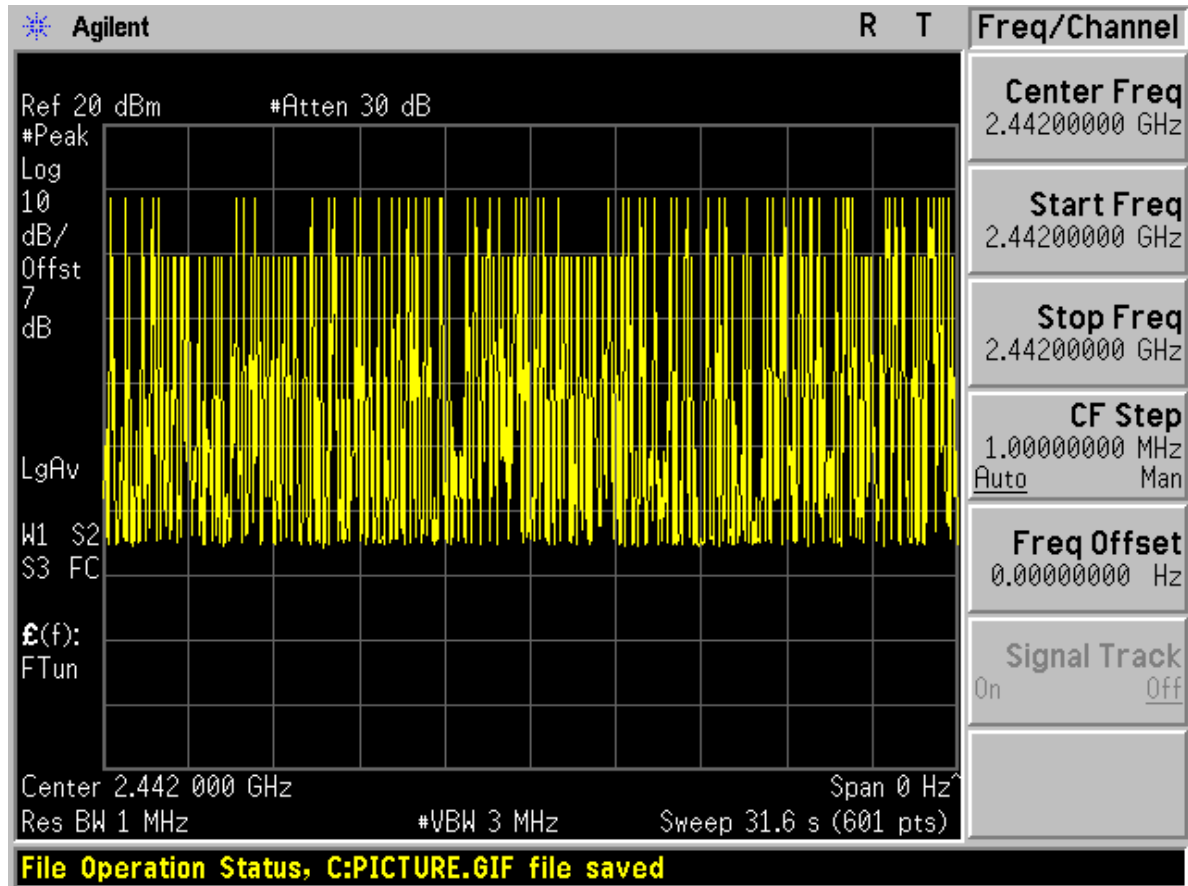
Modulation: 8DPSK

A burst (One time slot)





A period (Less than 106.7 burst)



-----The End -----



Appendix E

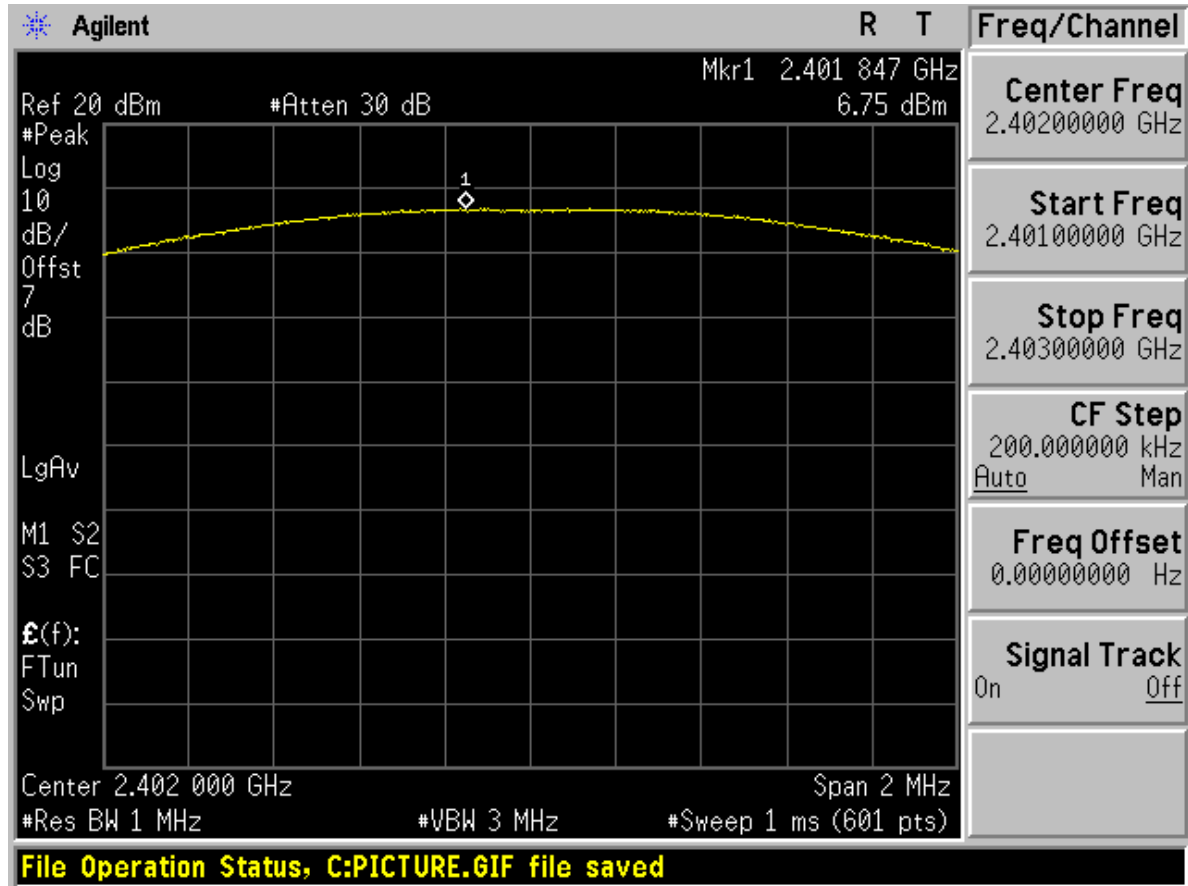
Peak output power

According to FCC Part 15.247 (b) (1)



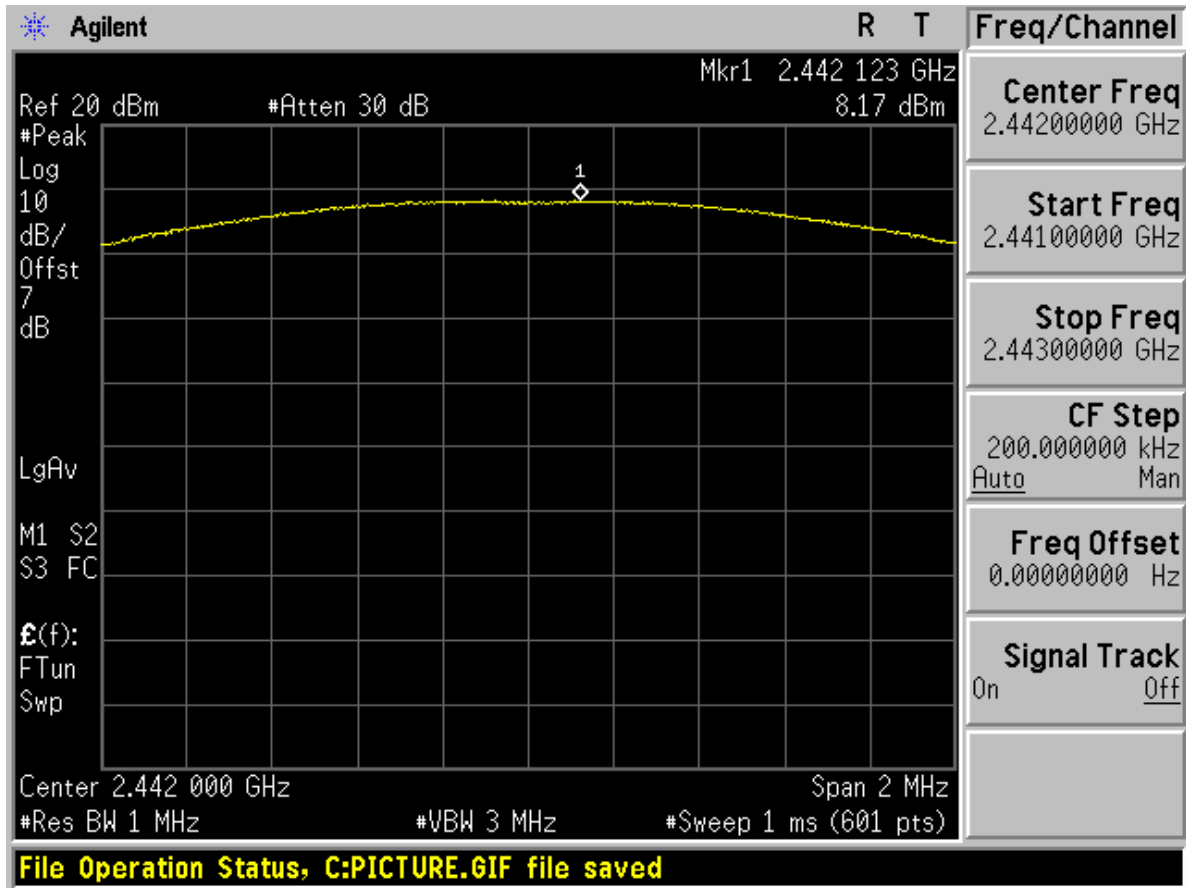
Modulation: $\pi/4$ -DQPSK

Channel 0 (2402MHz)



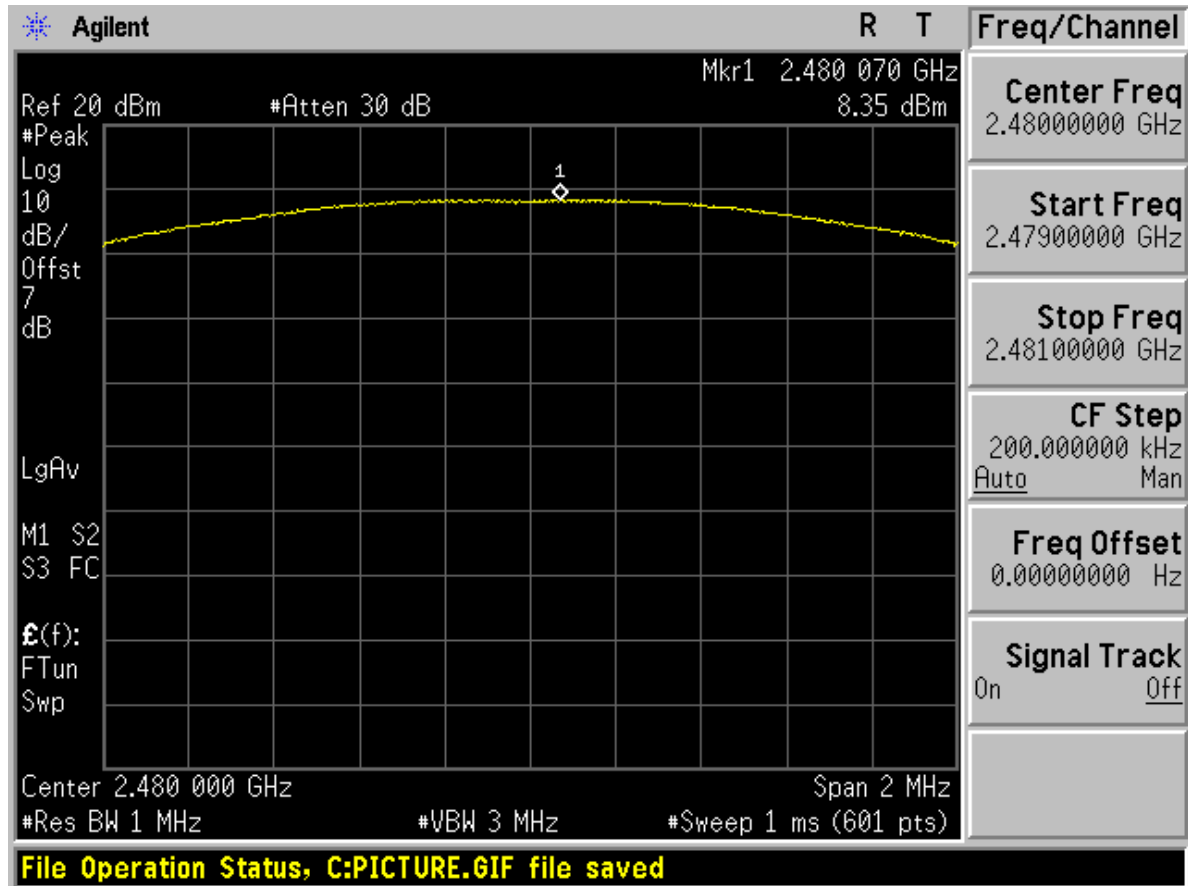


Channel 40 (2442MHz)



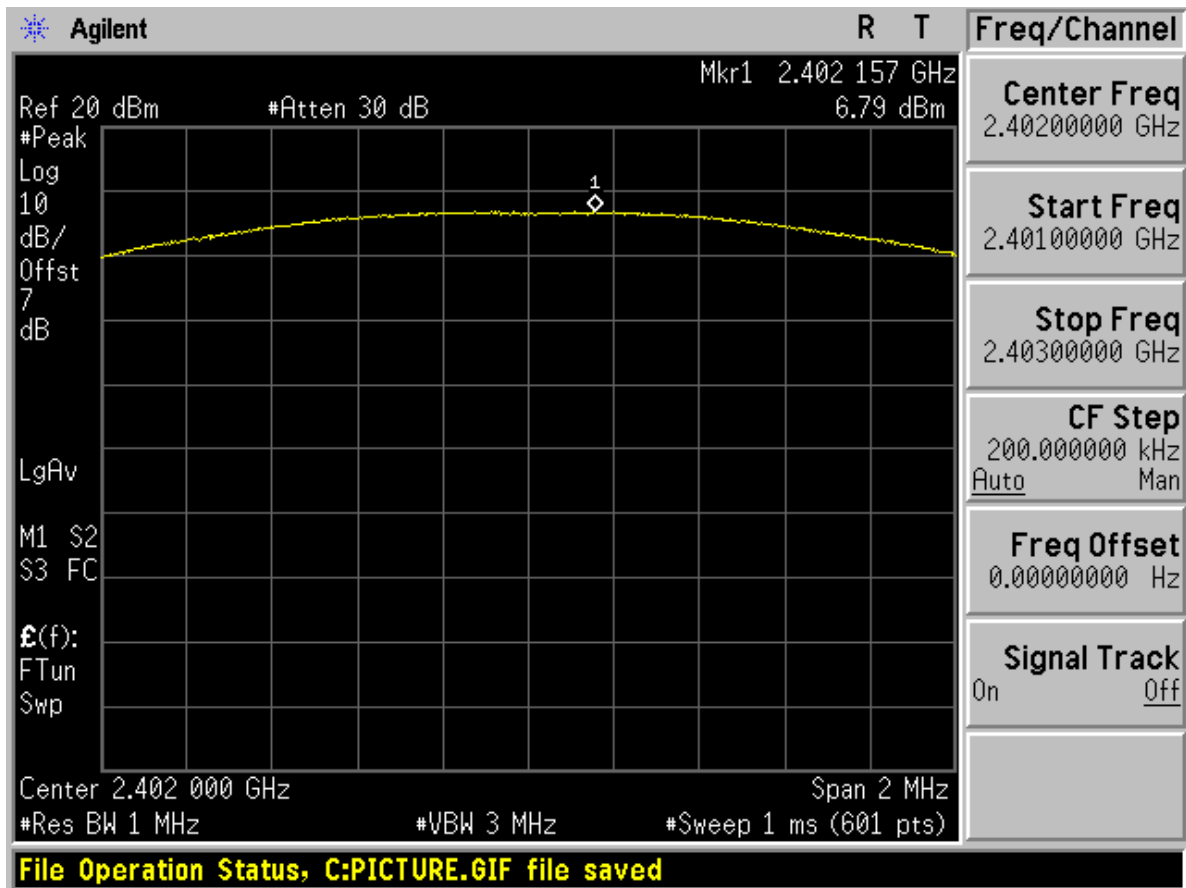


Channel 78 (2480MHz)



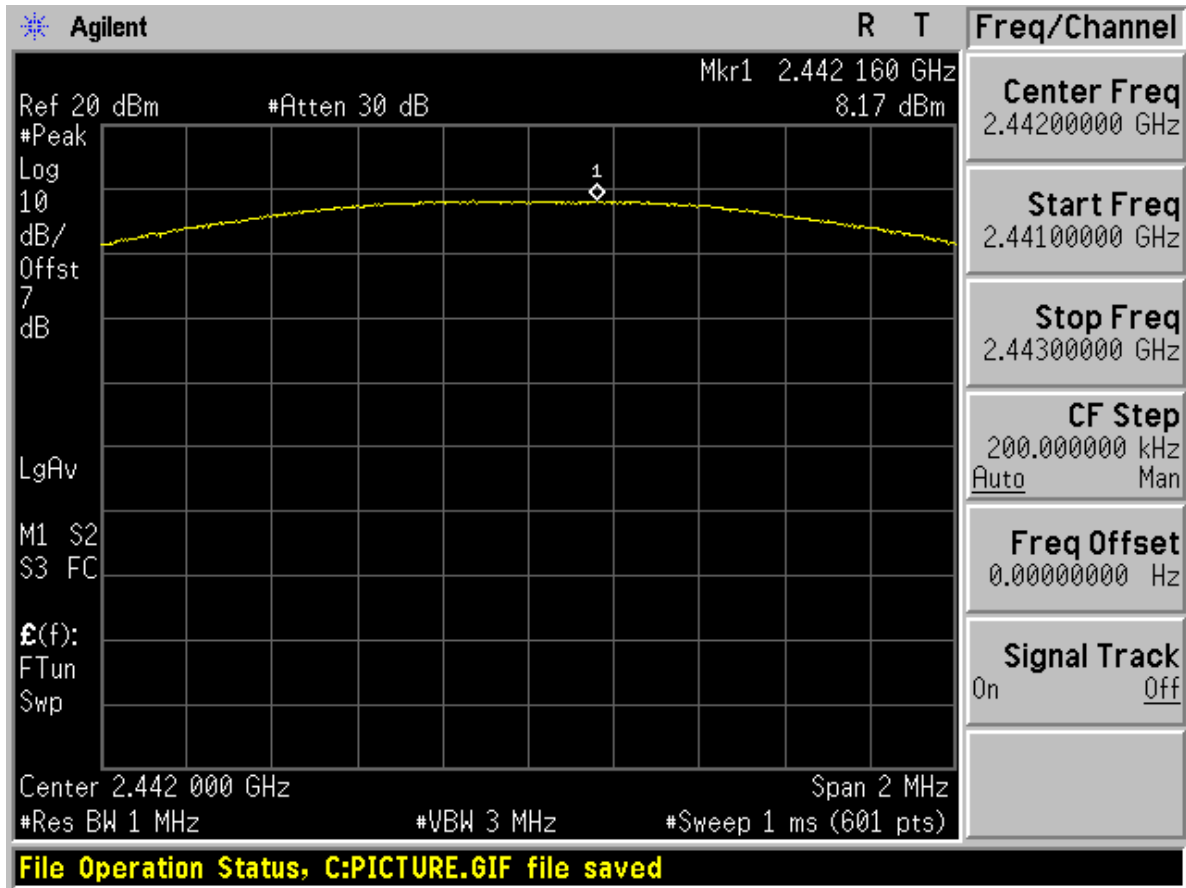


Modulation: 8DPSK Channel 0 (2402MHz)



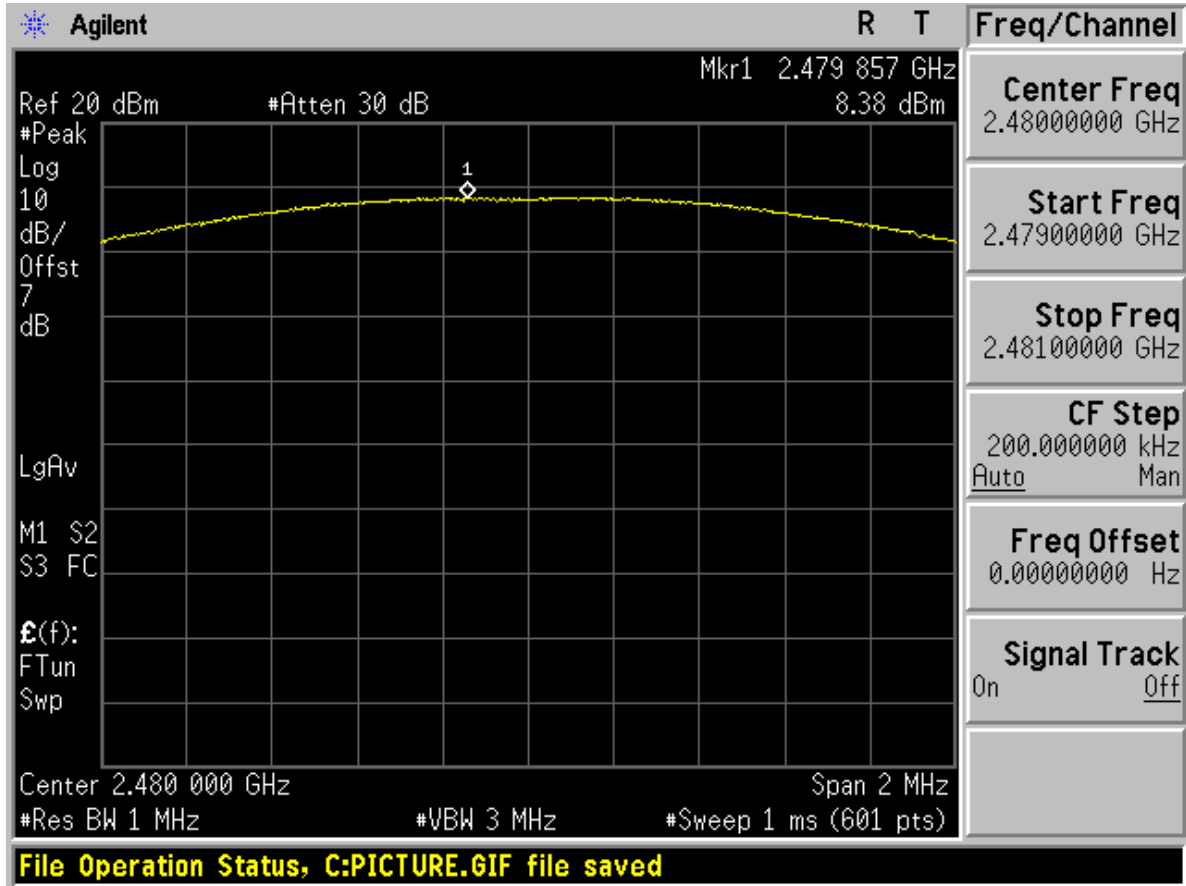


Channel 40 (2442MHz)





Channel 78 (2480MHz)



-----The End -----



Appendix F

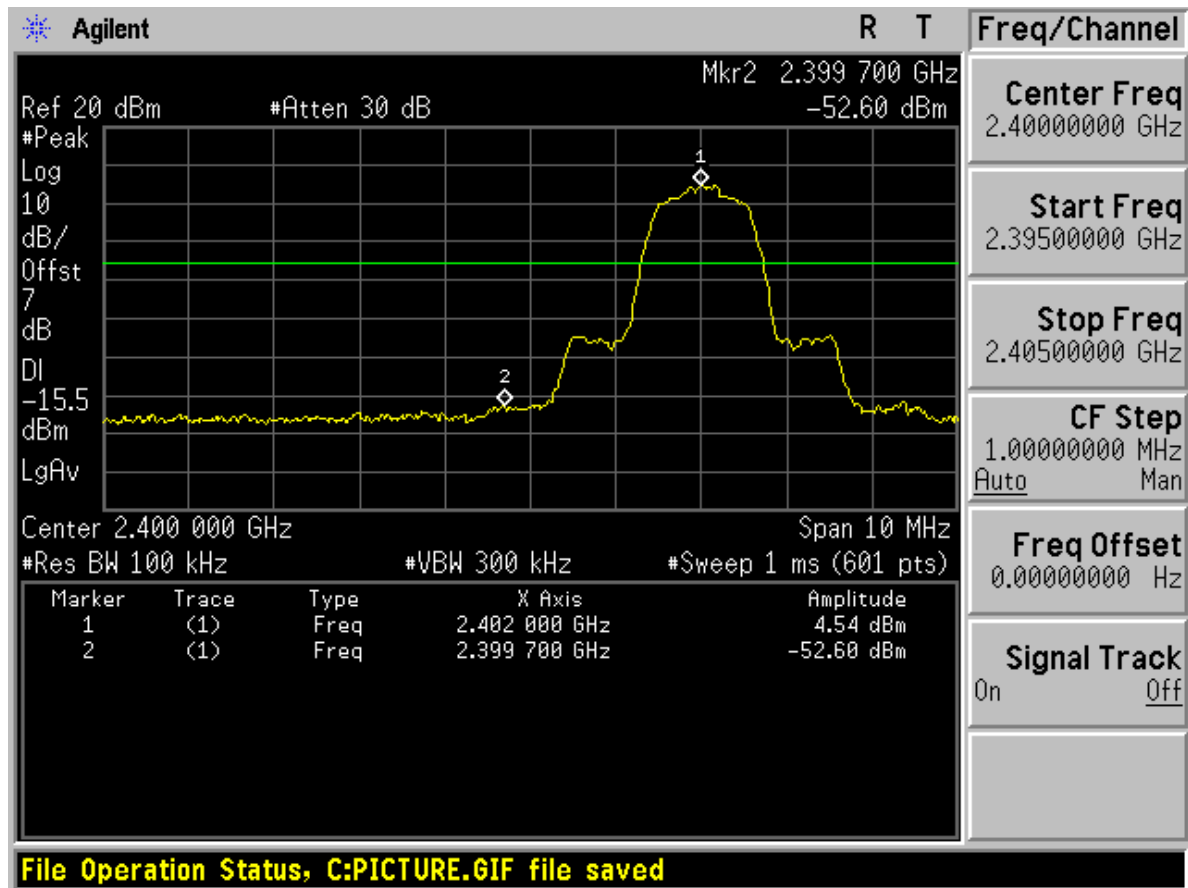
Band edge spurious emission

According to FCC Part 15.247 (d)



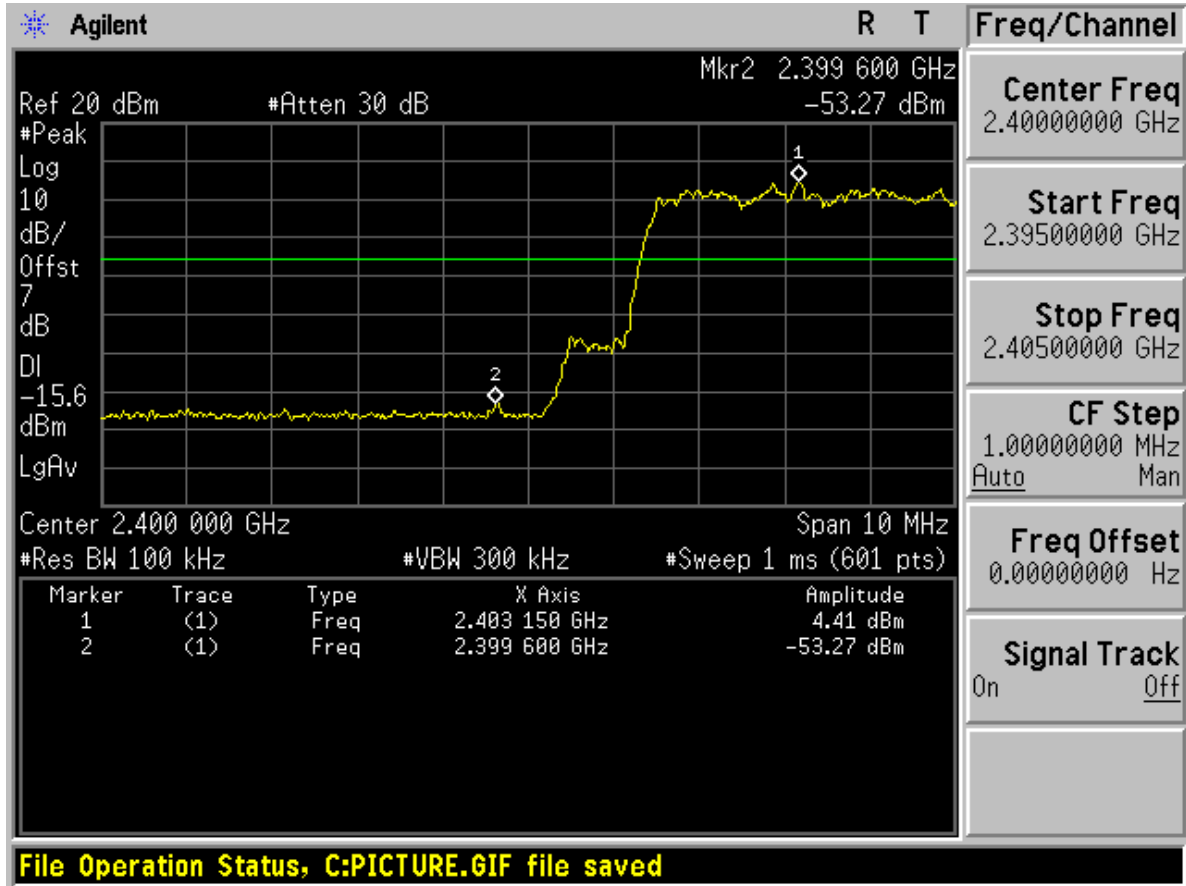
Modulation: $\pi/4$ -DQPSK

Low edge (Channel 0, no hopping)



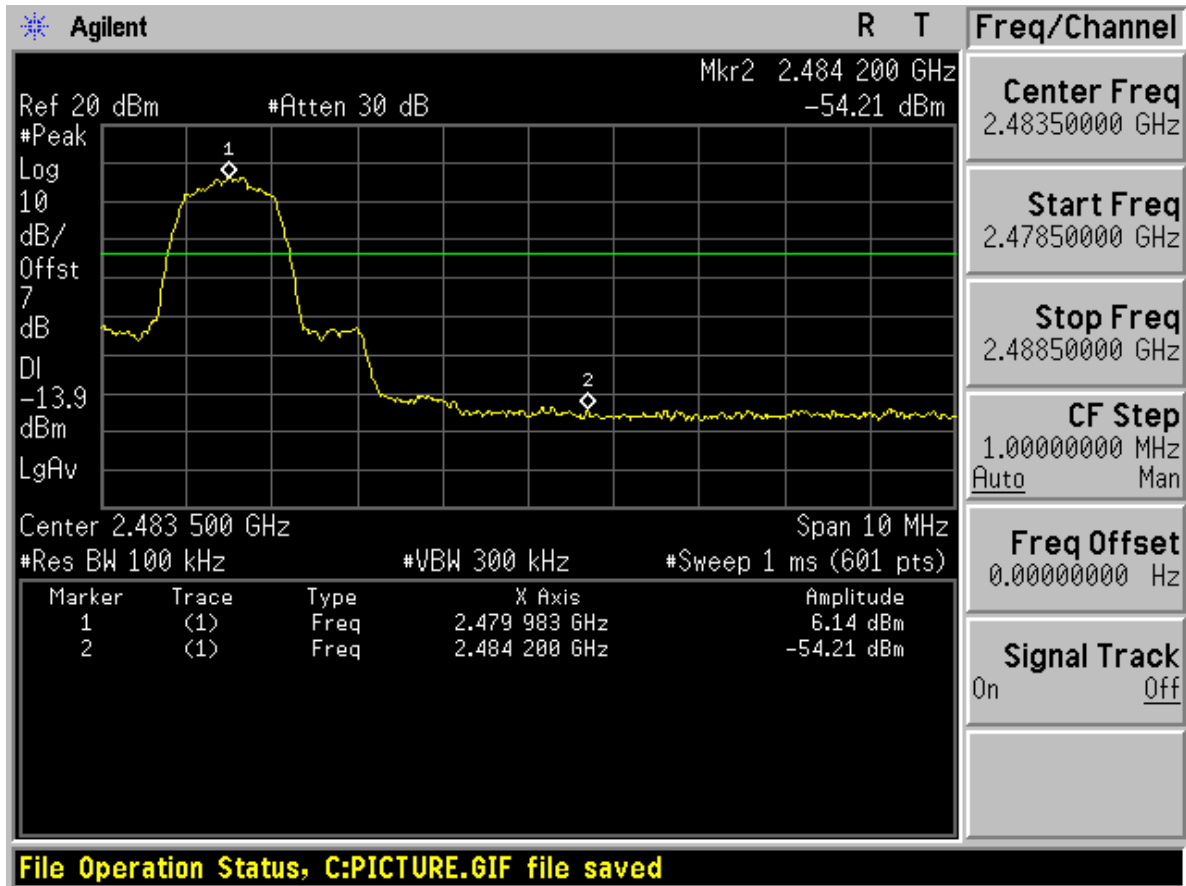


Low edge (with hopping)



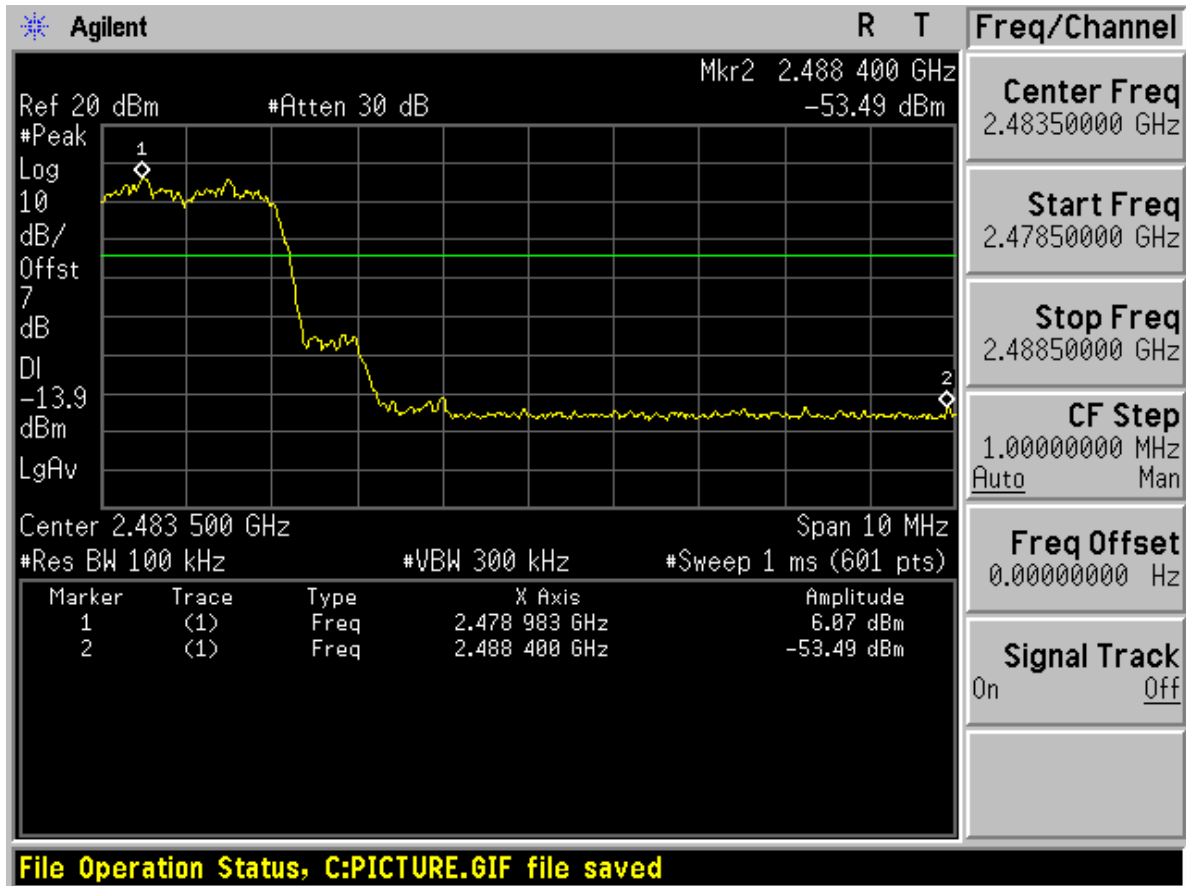


High edge (Channel 78, no hopping)





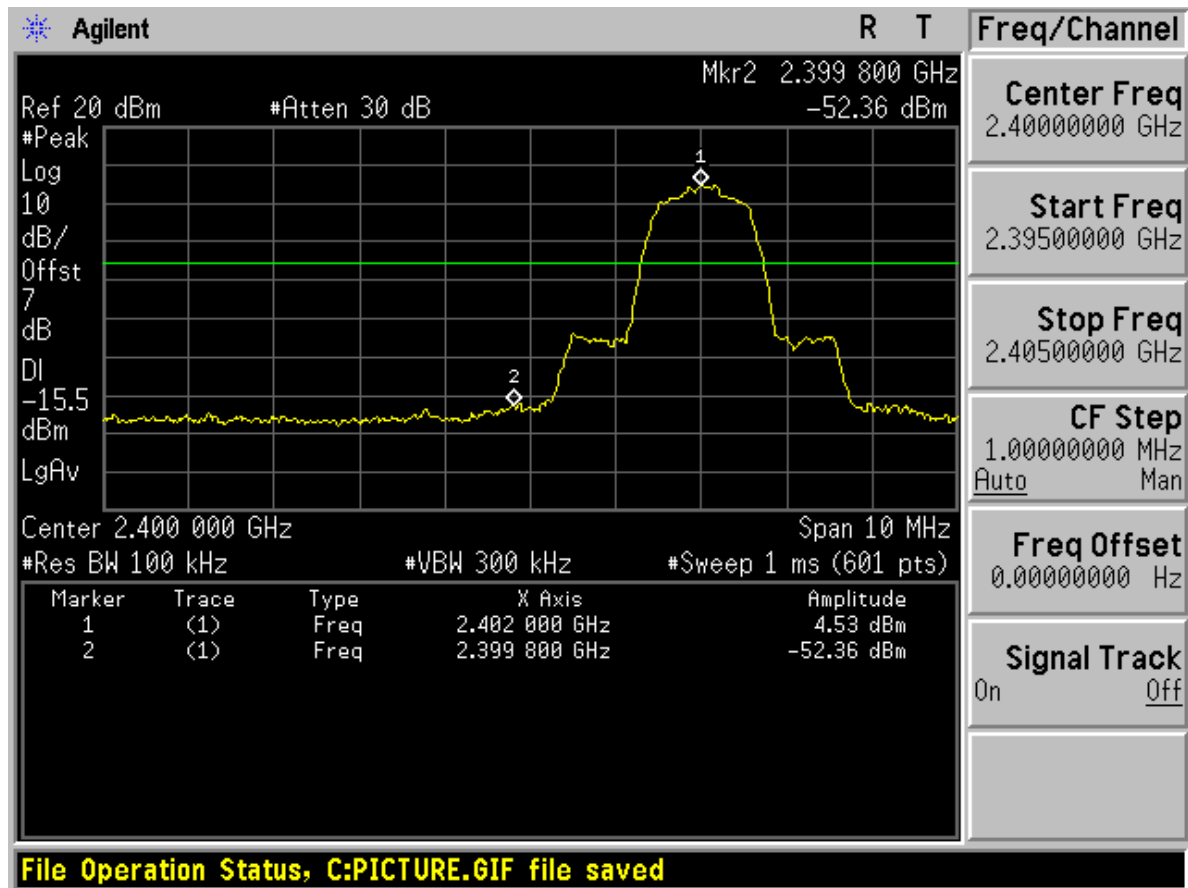
High edge (with hopping)





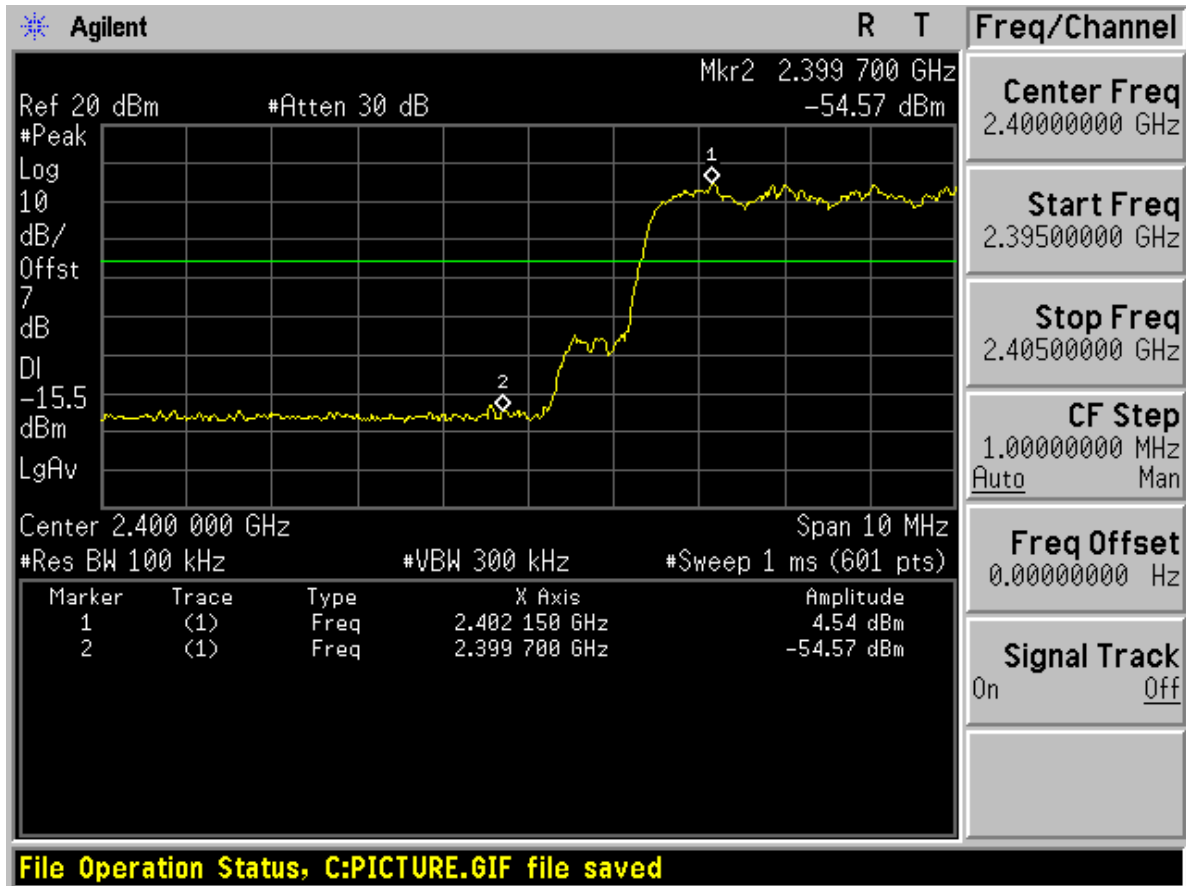
Modulation: 8DPSK

Low edge (Channel 0, no hopping)



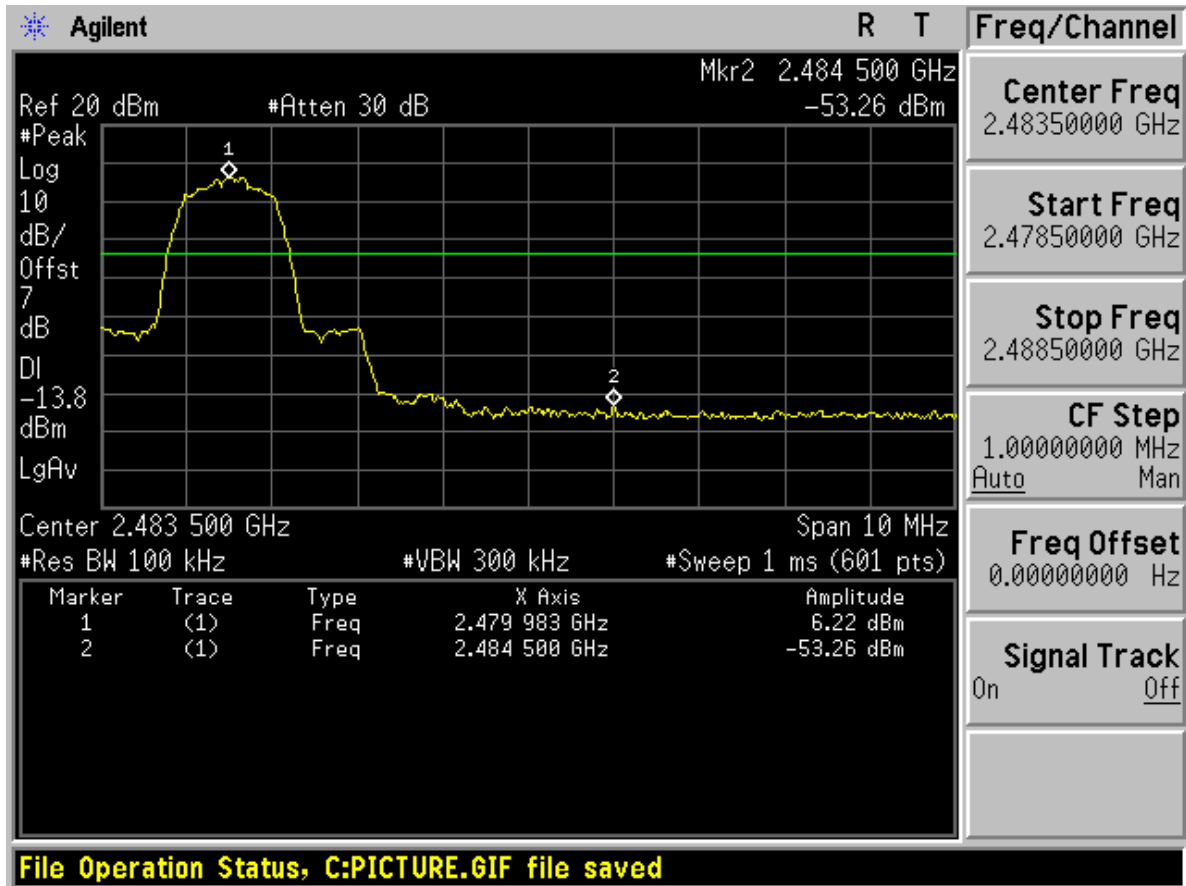


Low edge (with hopping)



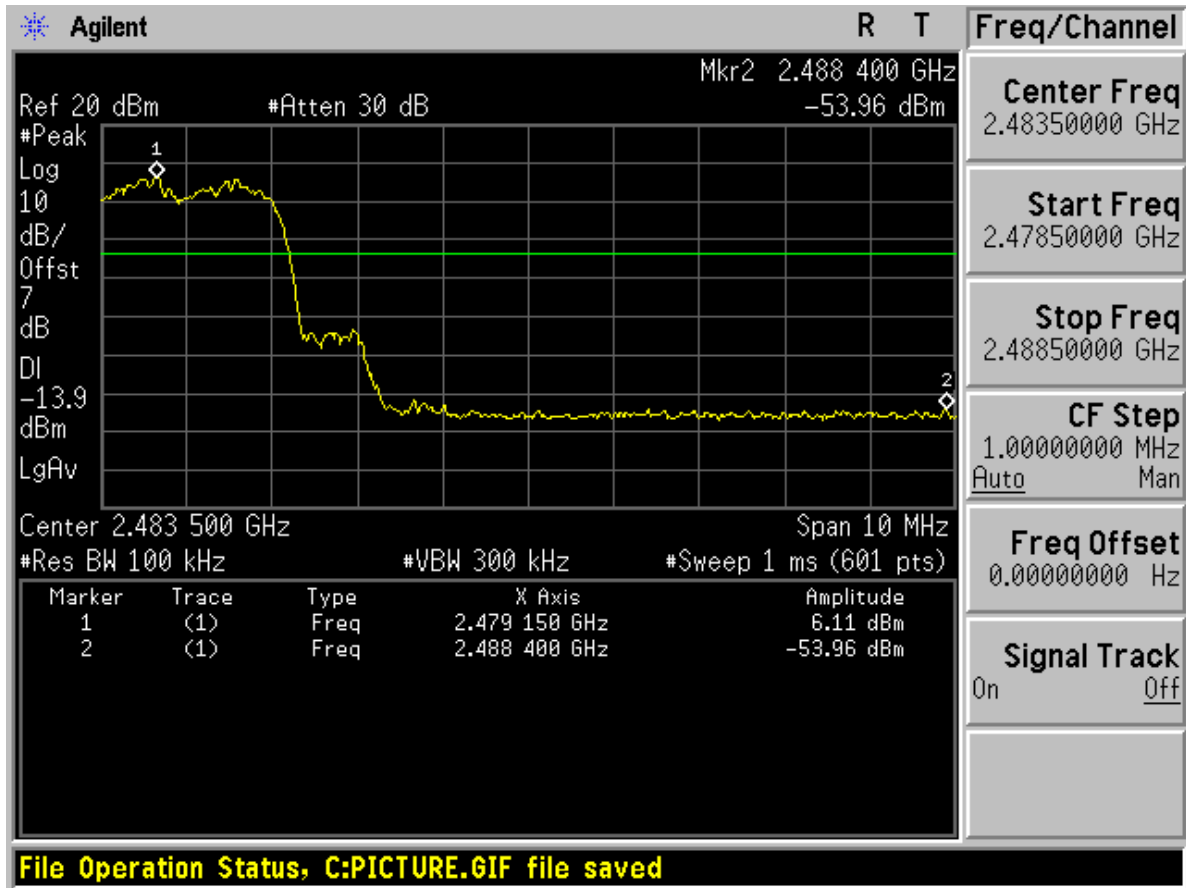


High edge (Channel 78, no hopping)





High edge (with hopping)



The END



Appendix G

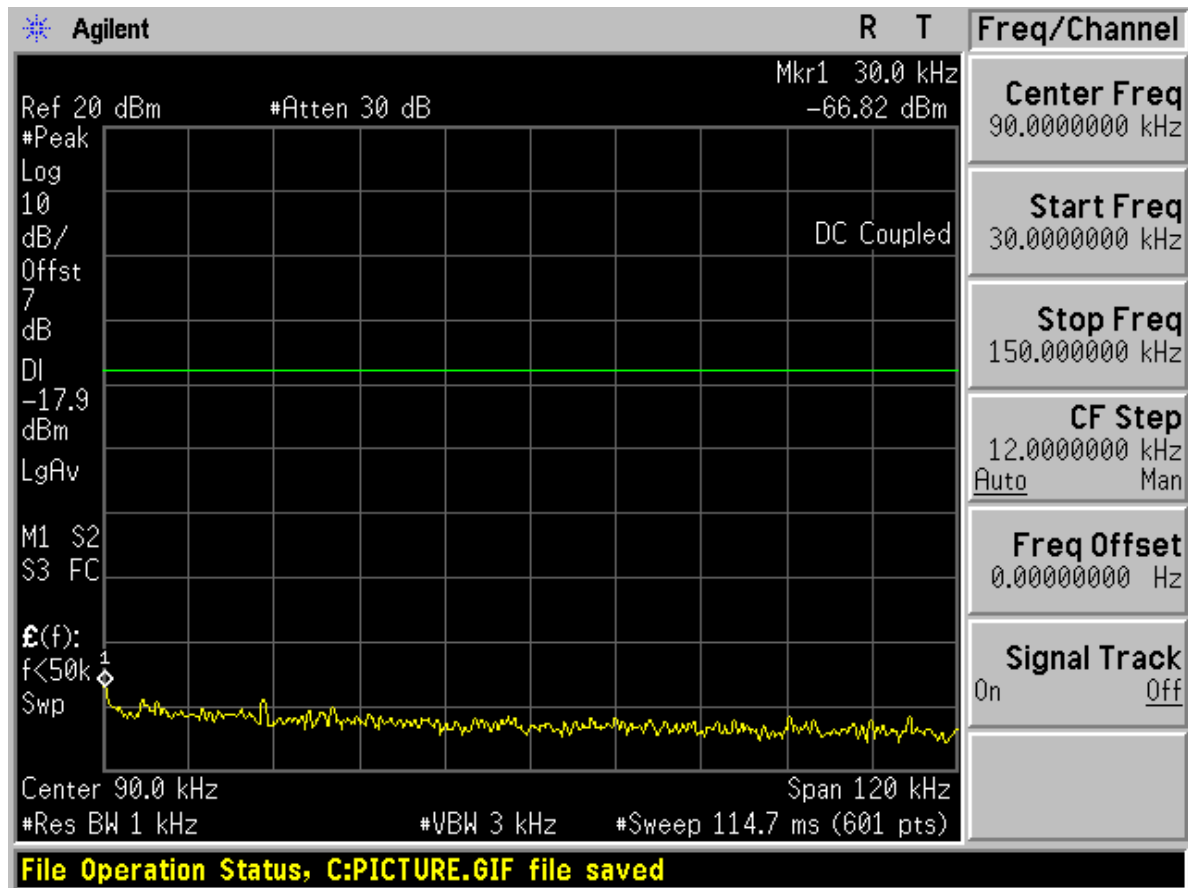
Conducted RF spurious

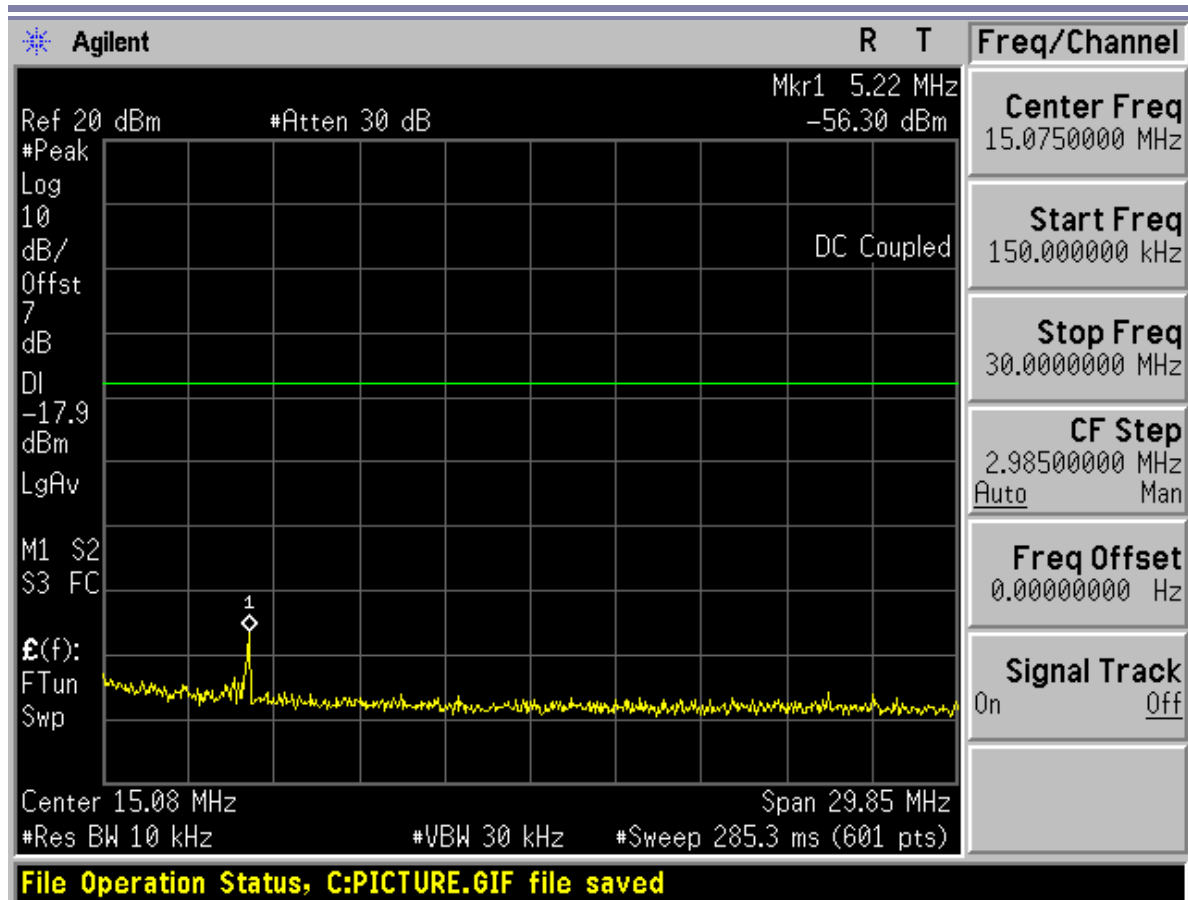
According to FCC Part 15.247 (d)

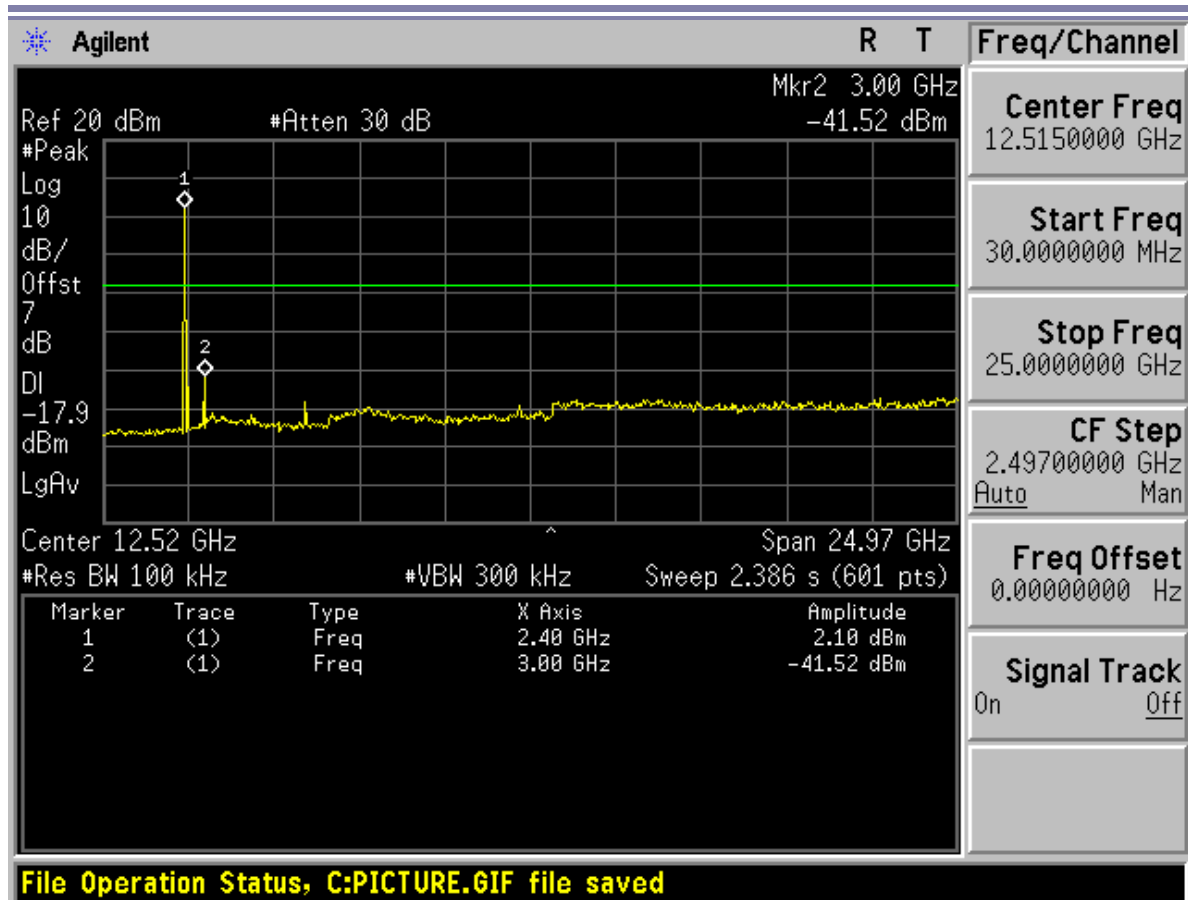


Modulation: $\pi/4$ -DQPSK

Channel 0

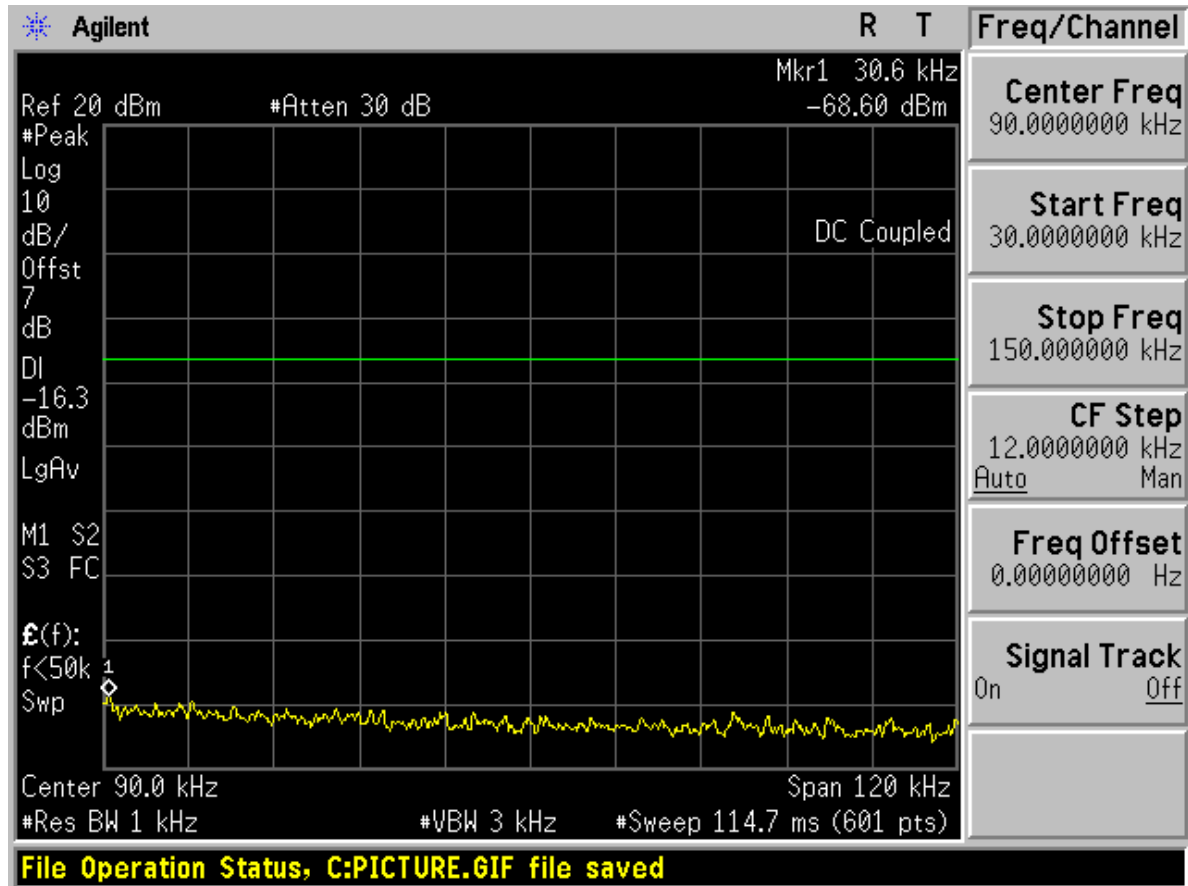


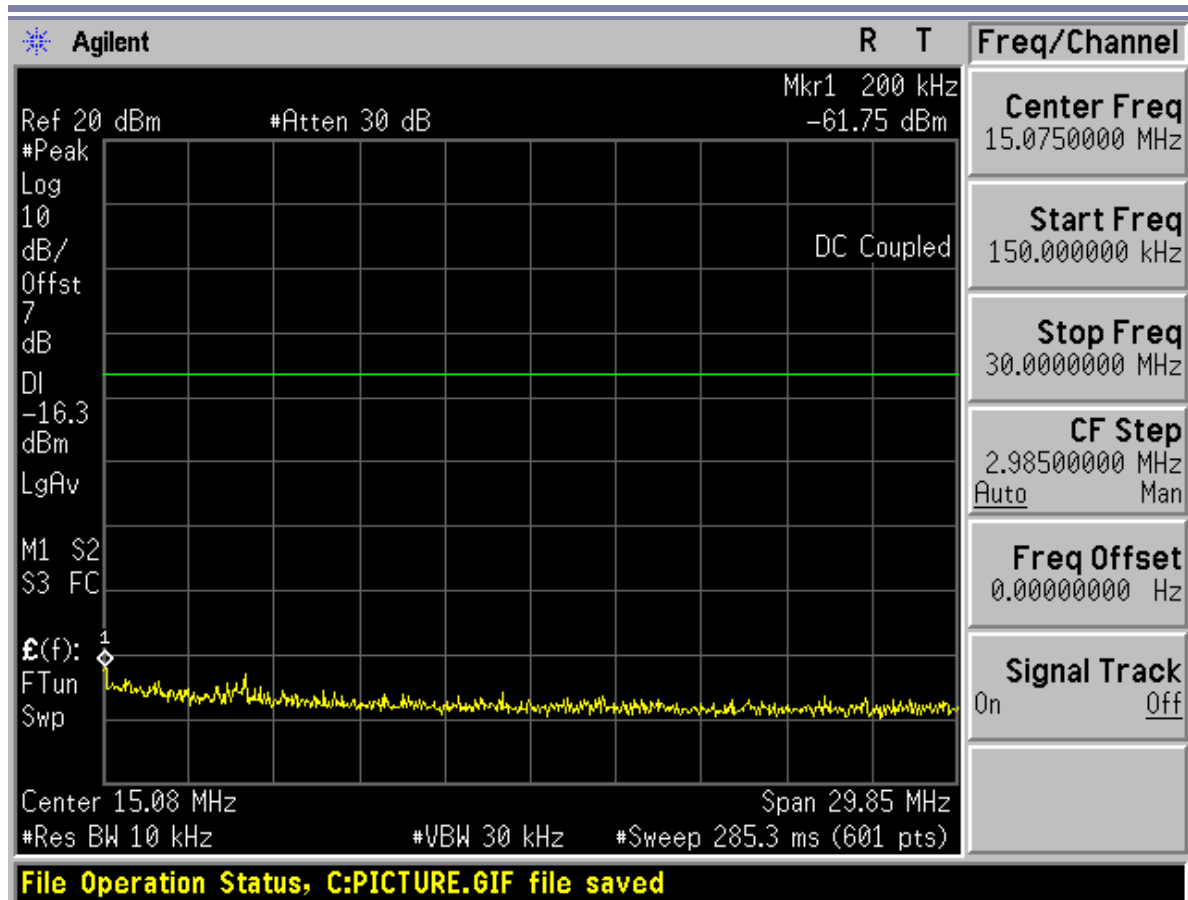


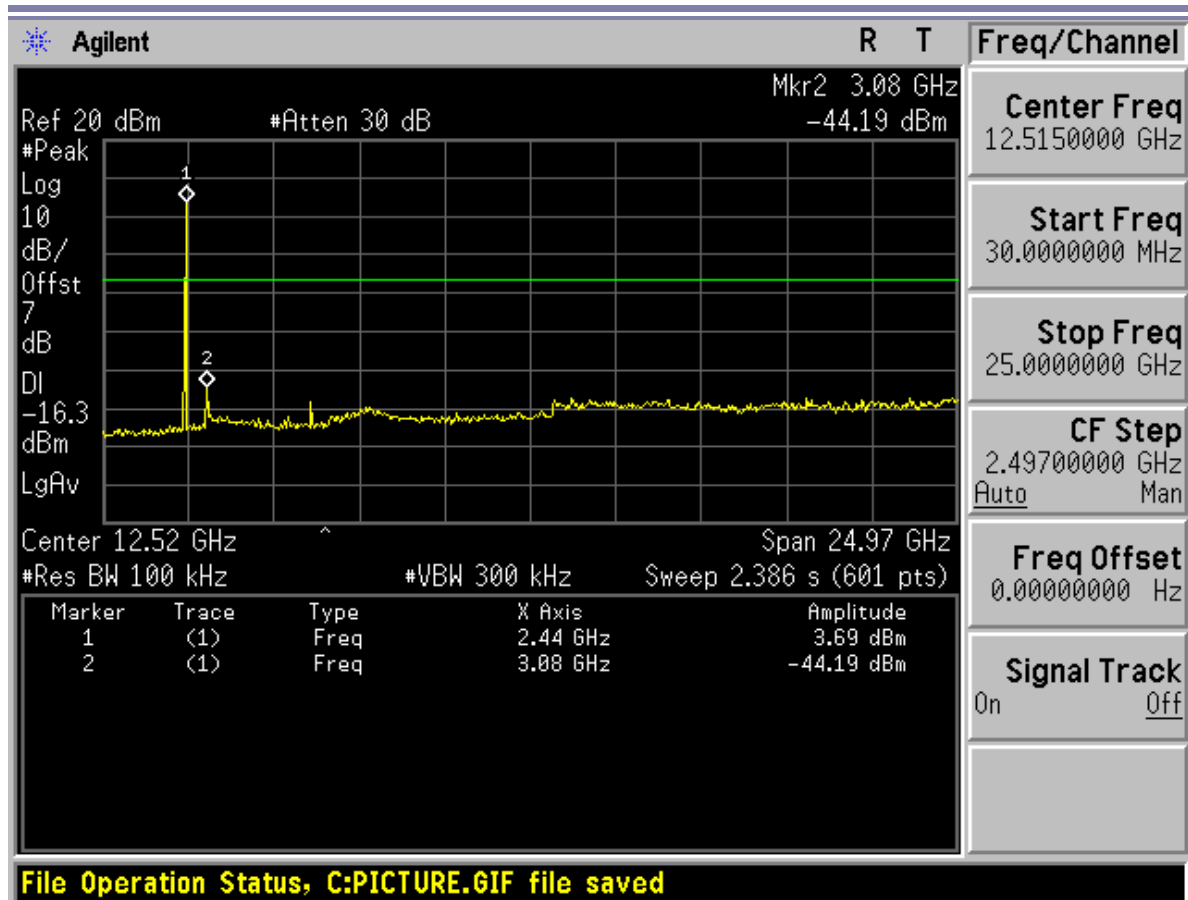




Channel 40

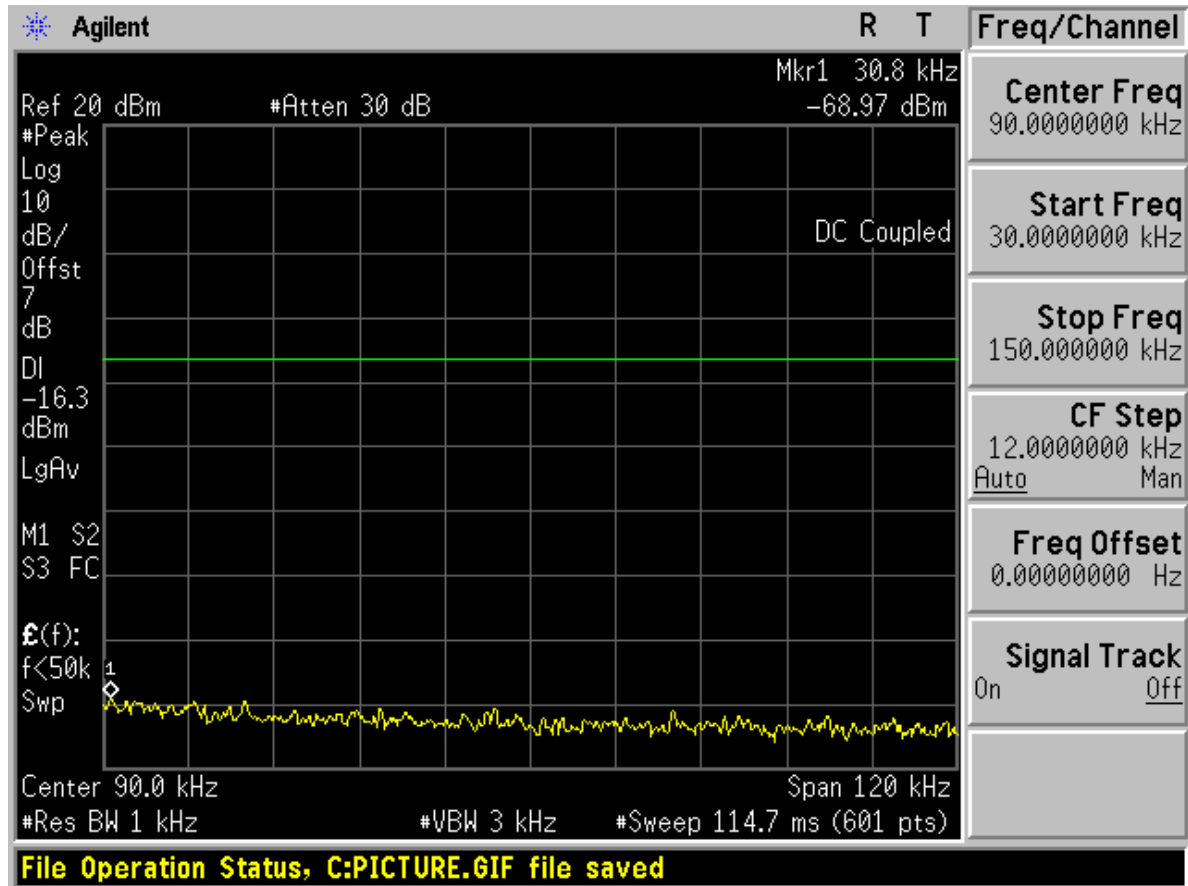


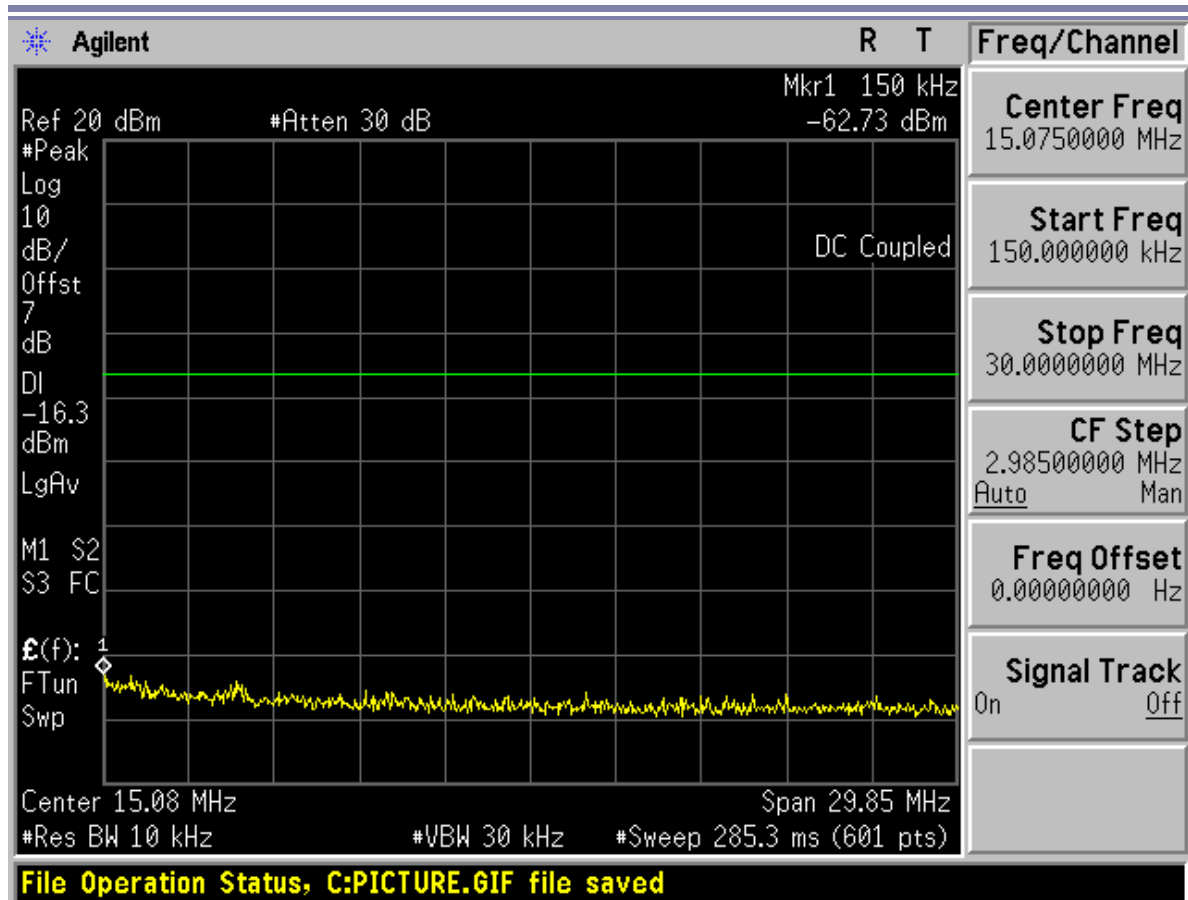


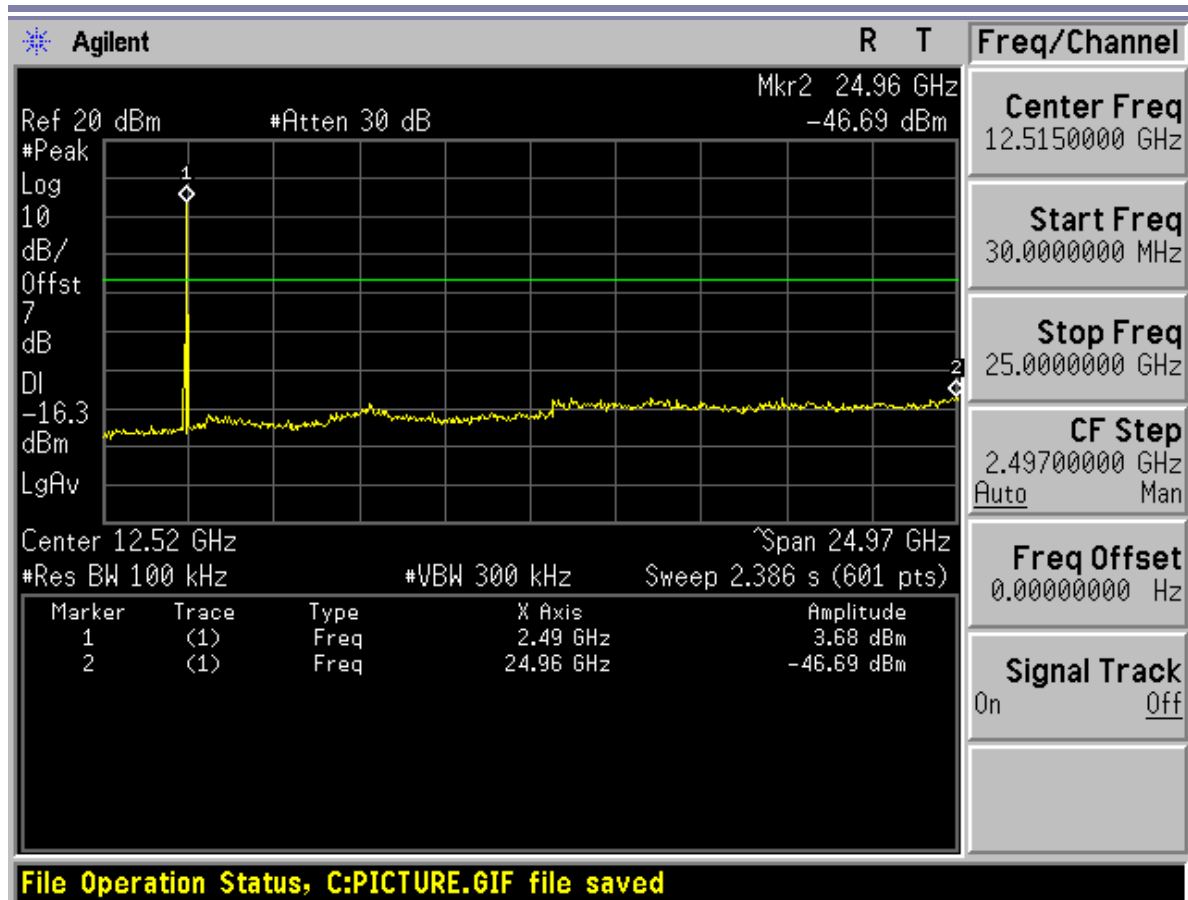




Channel 78



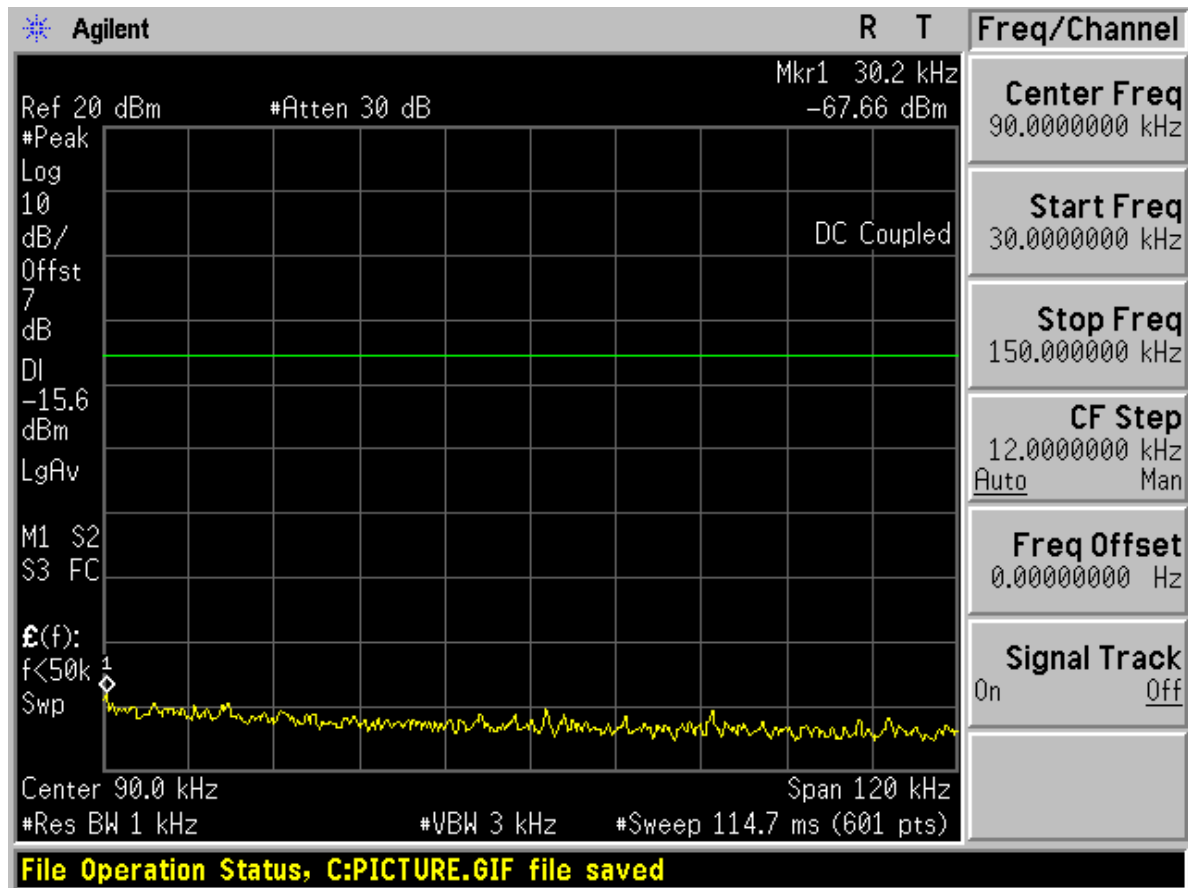


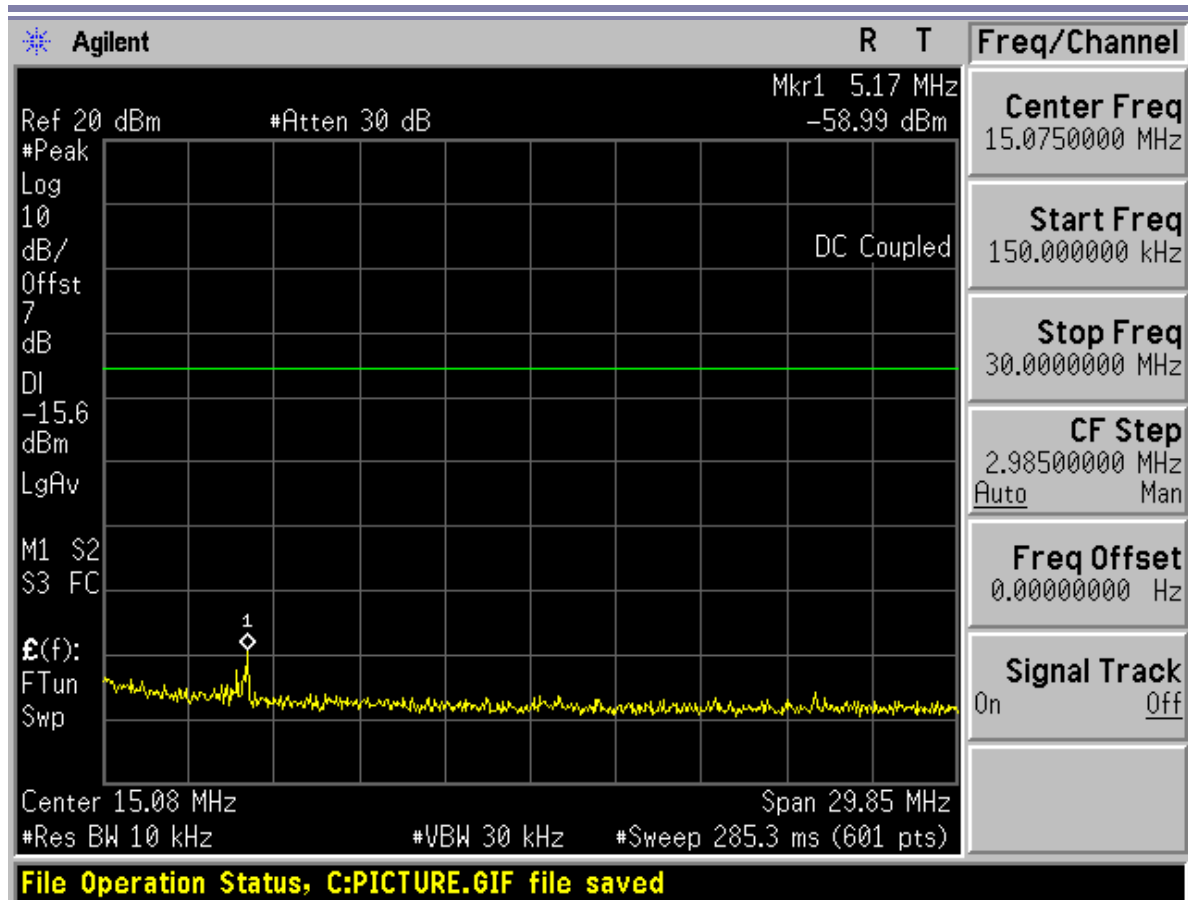


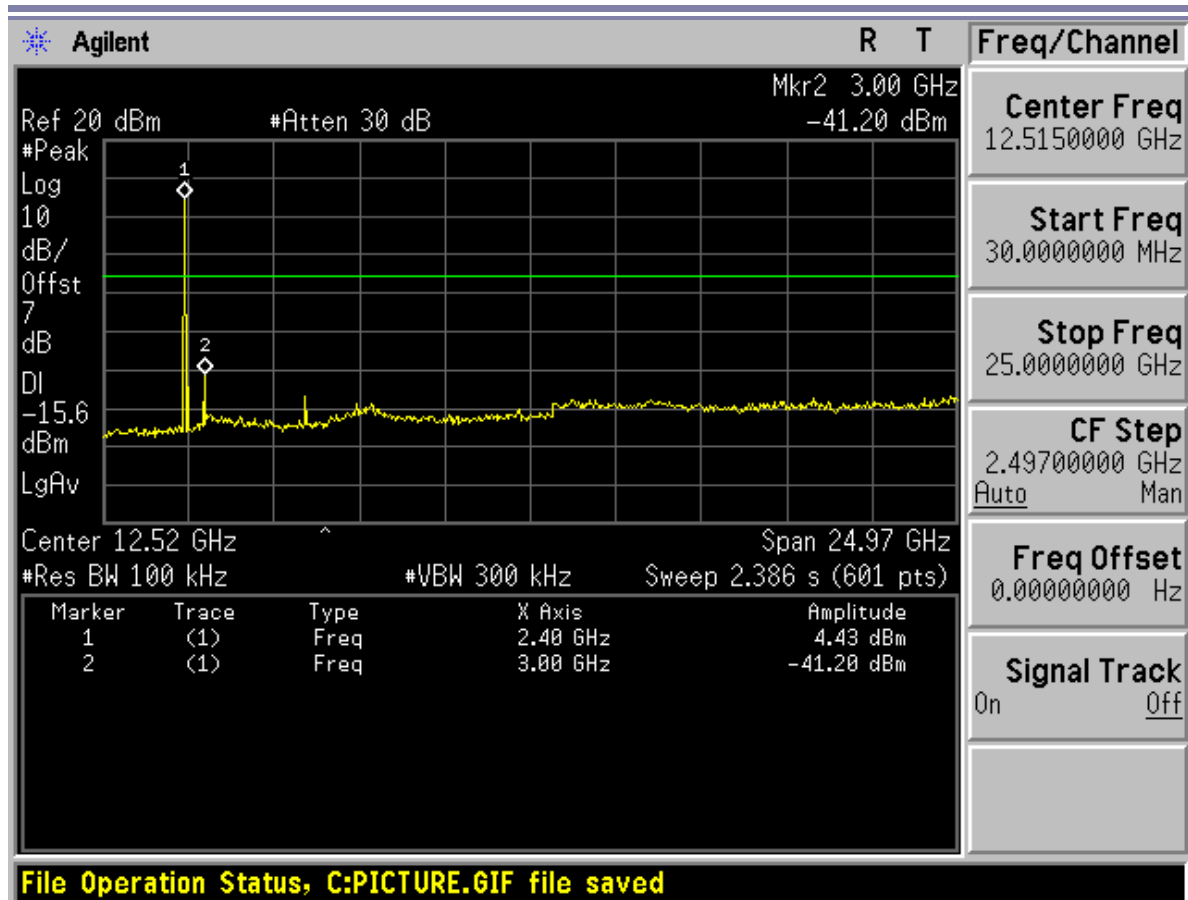


Modulation:8DPSK

Channel 0

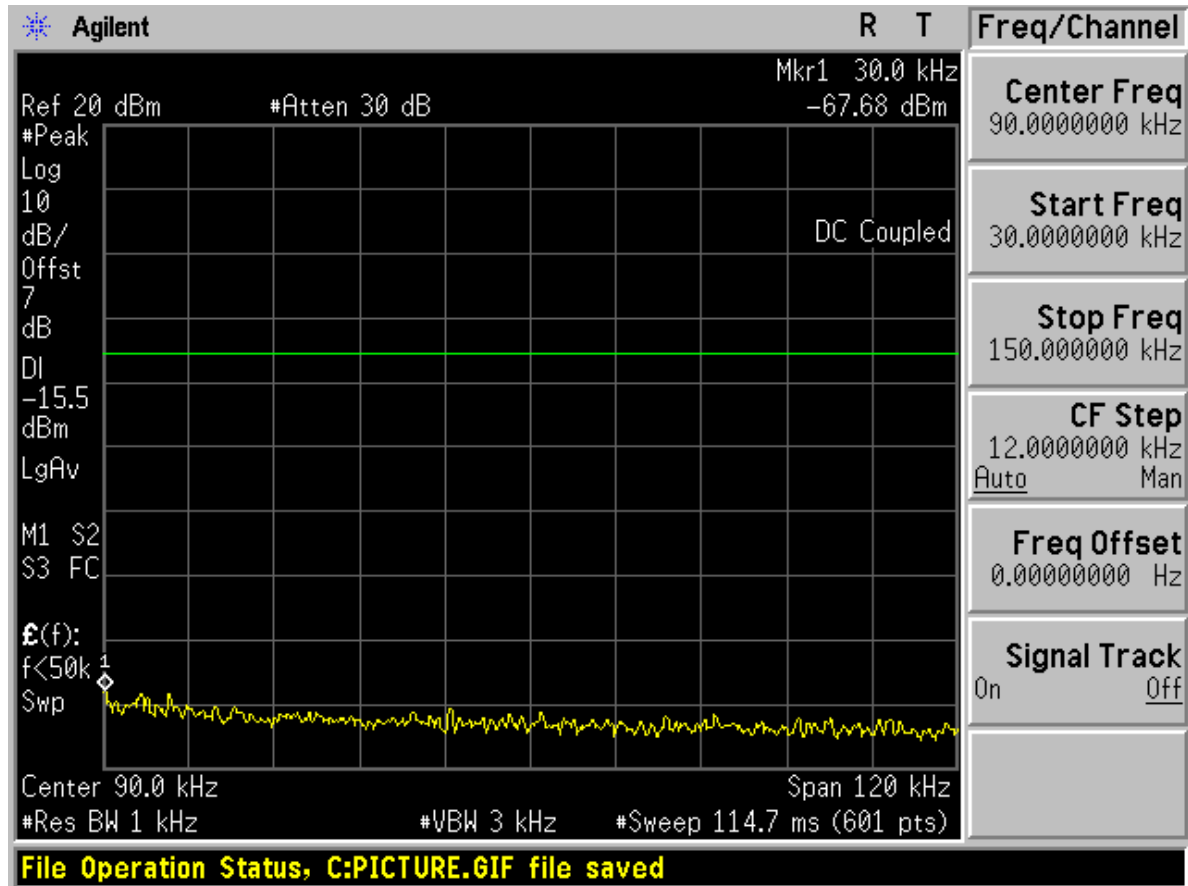


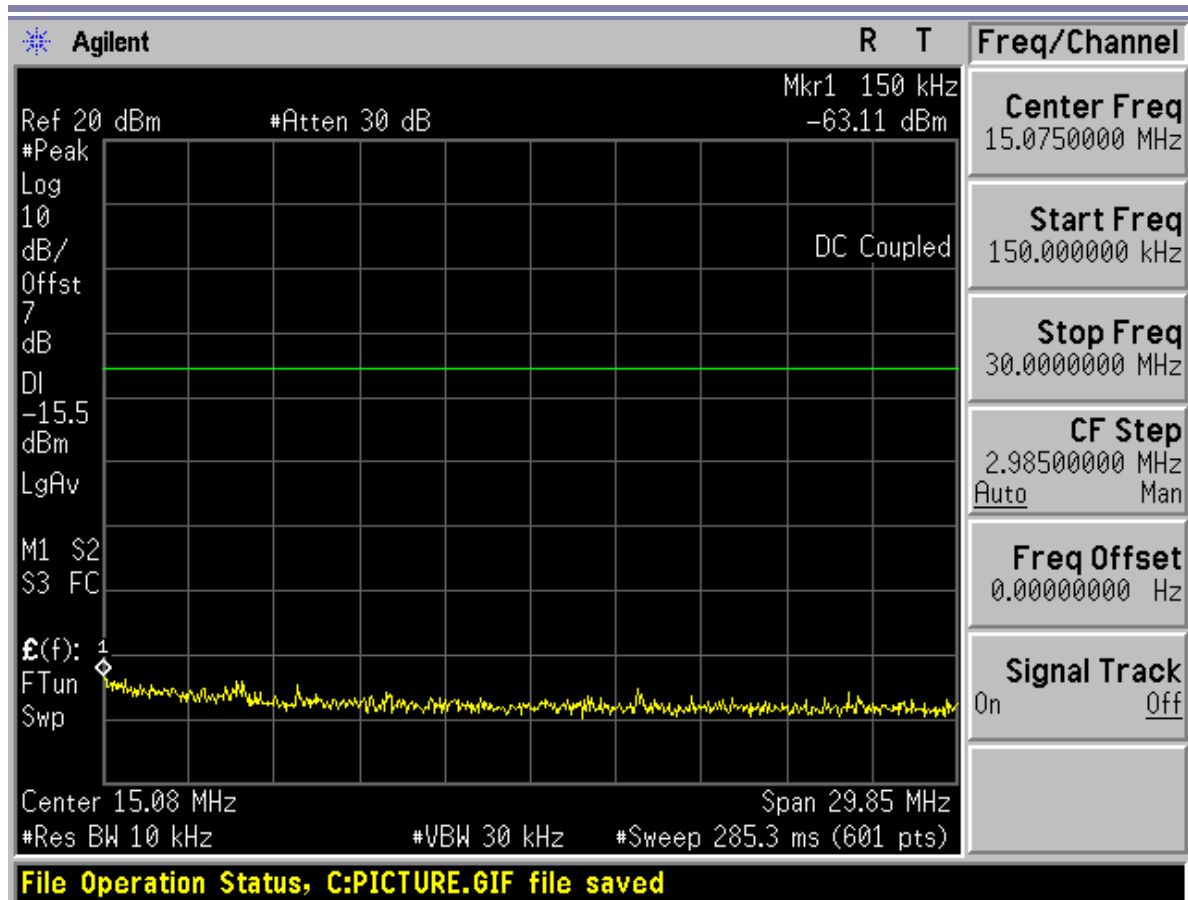


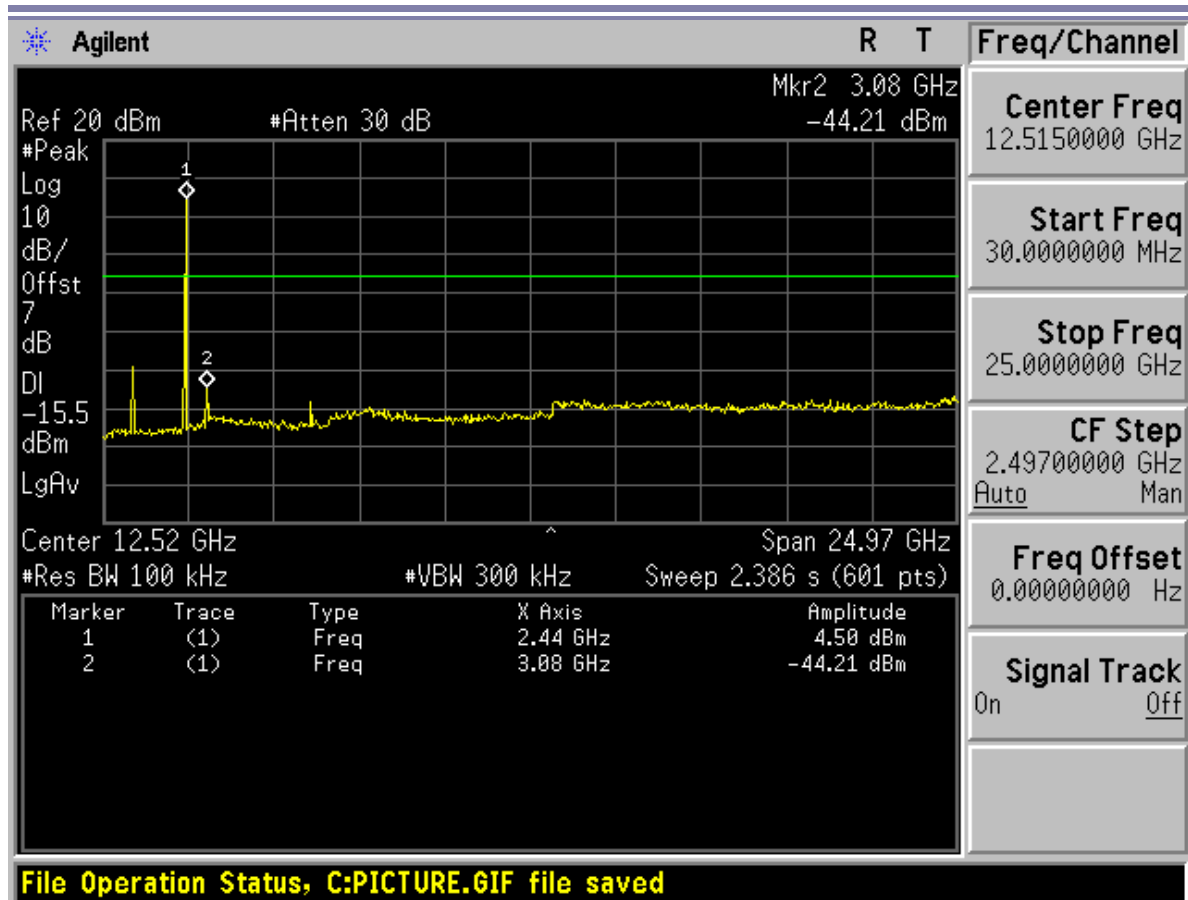




Channel 40

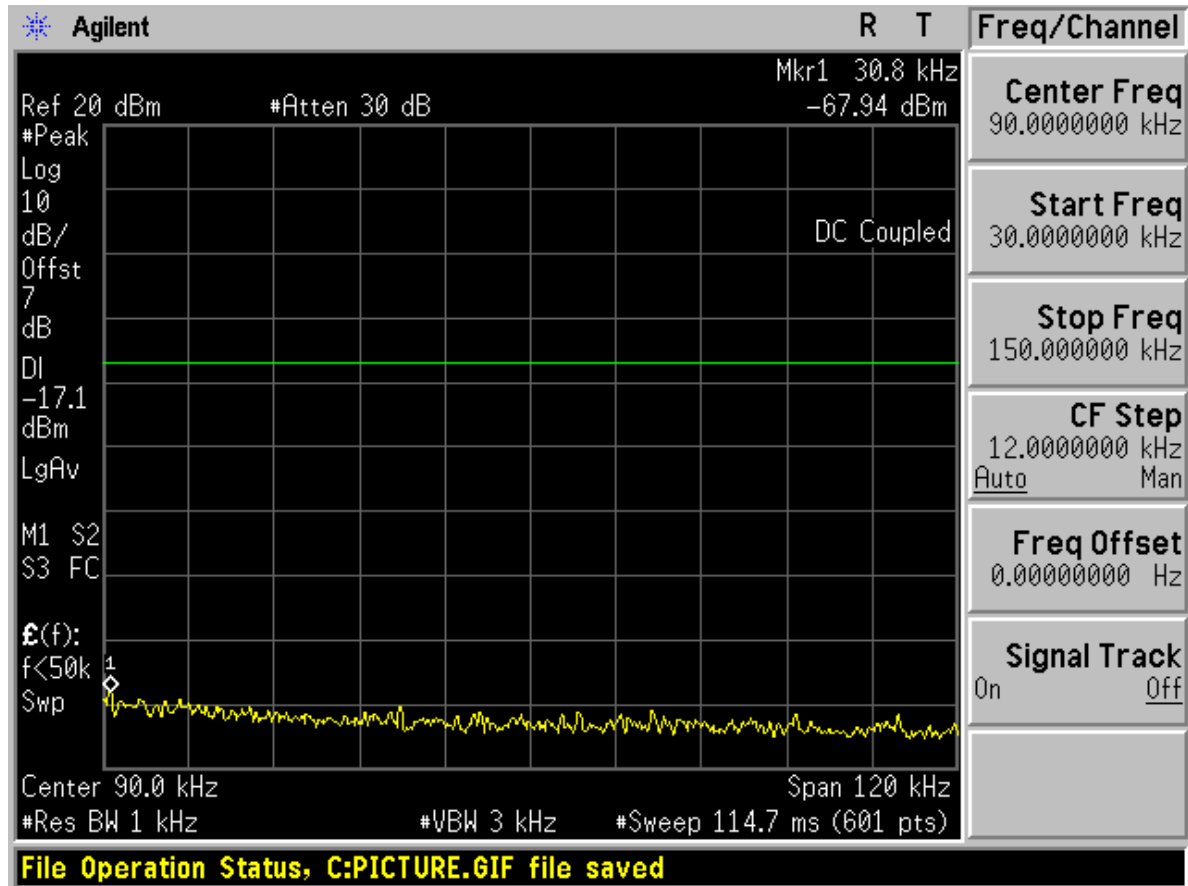


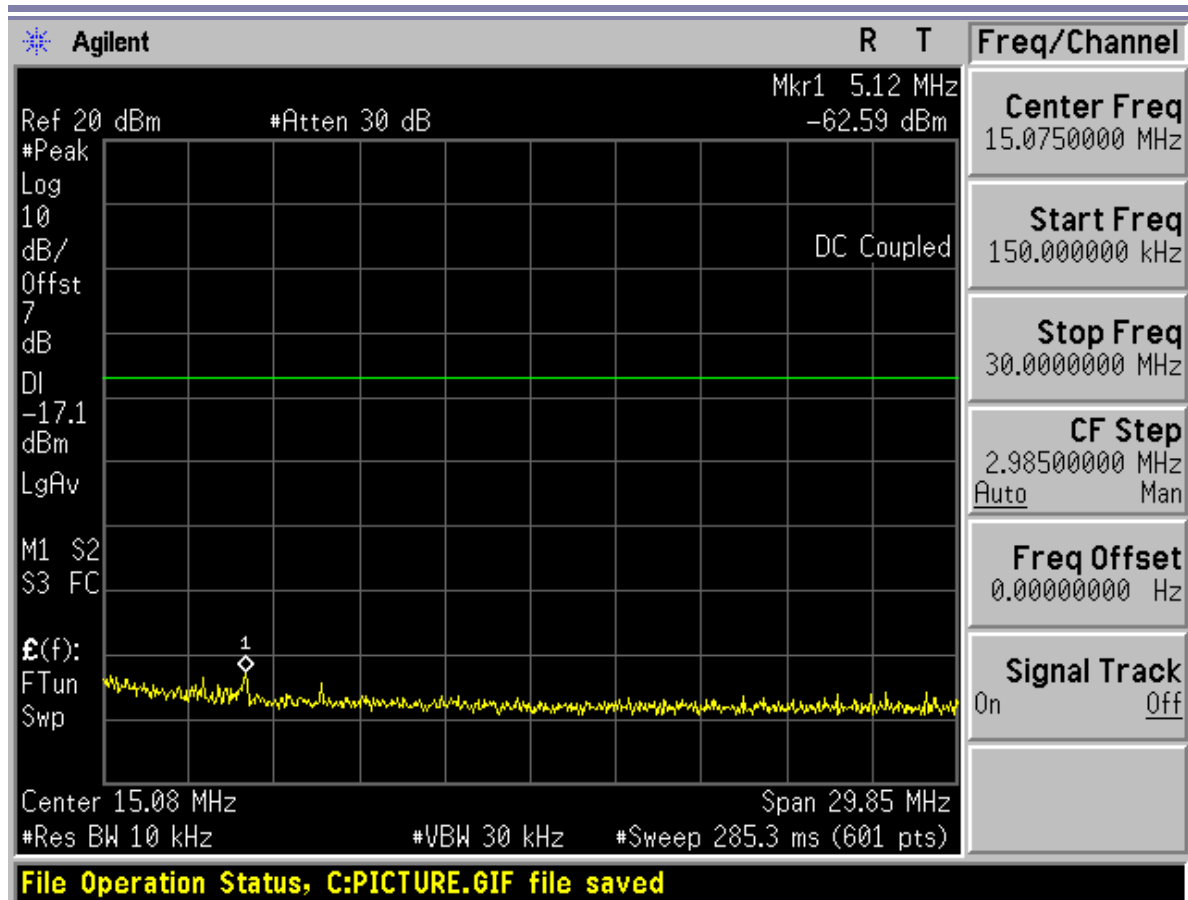


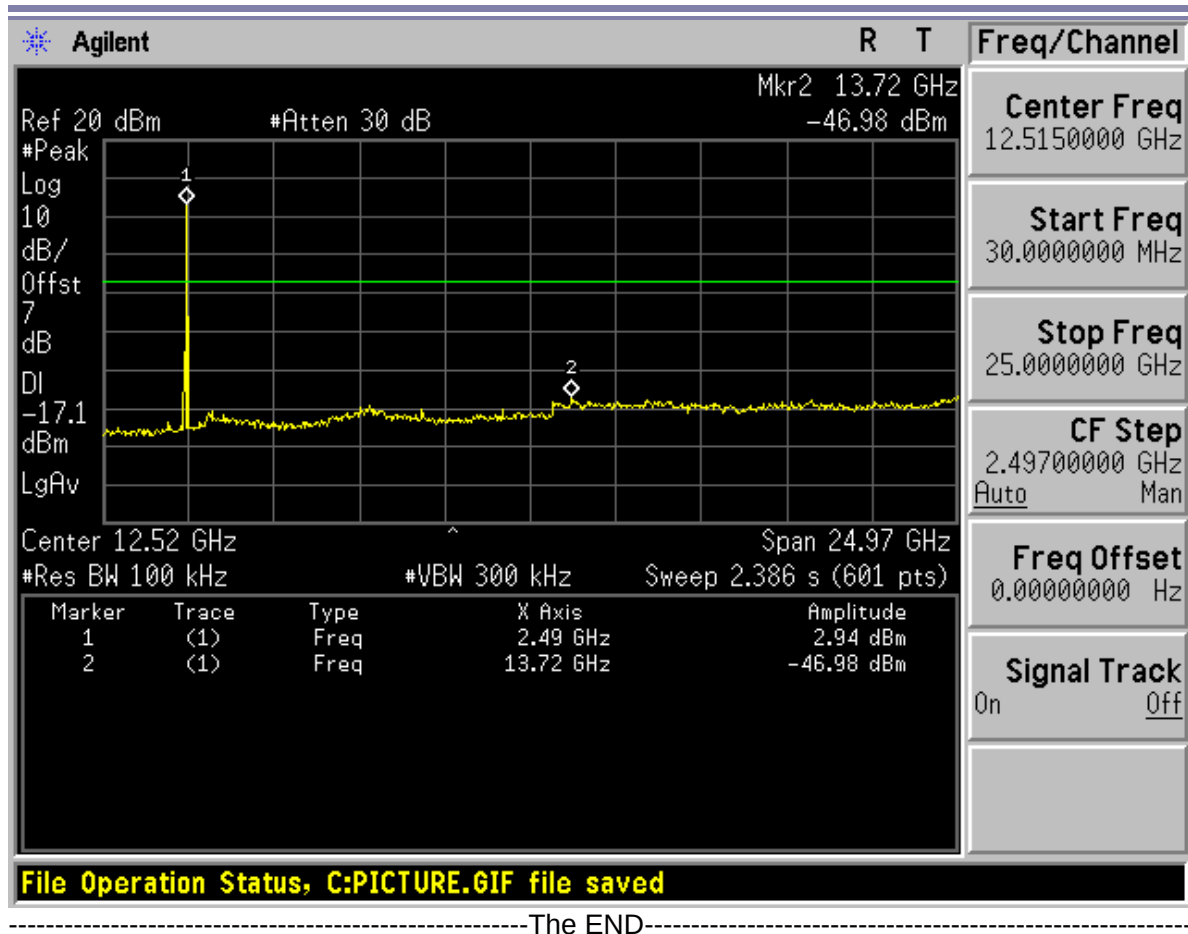




Channel 78









Appendix H

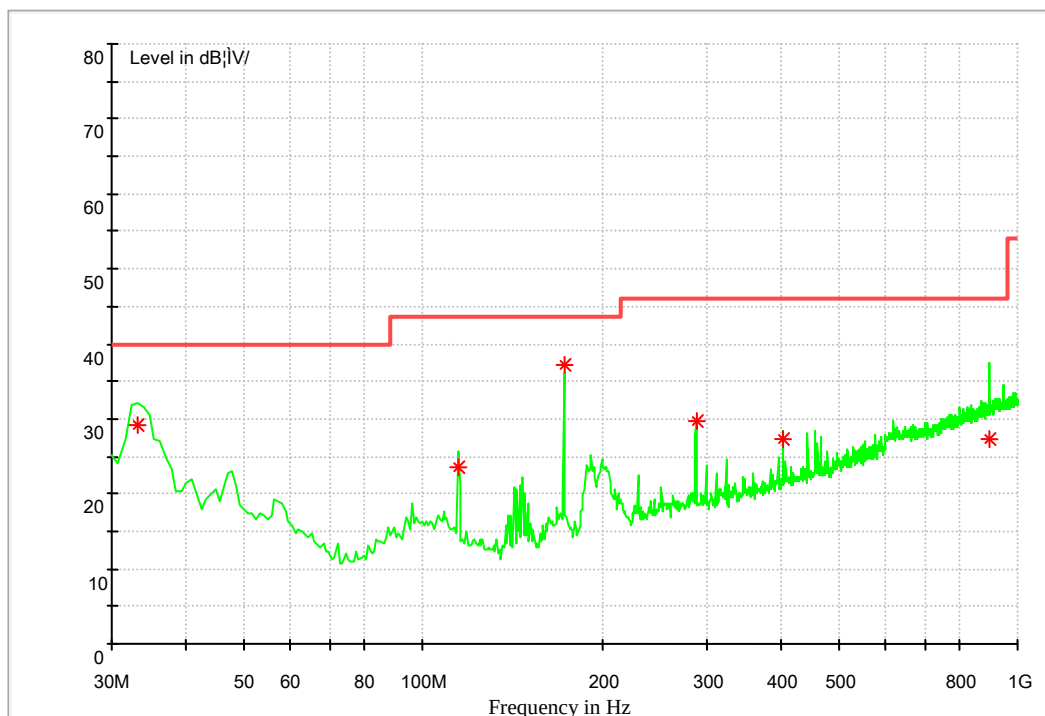
Radiated spurious emission

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).**



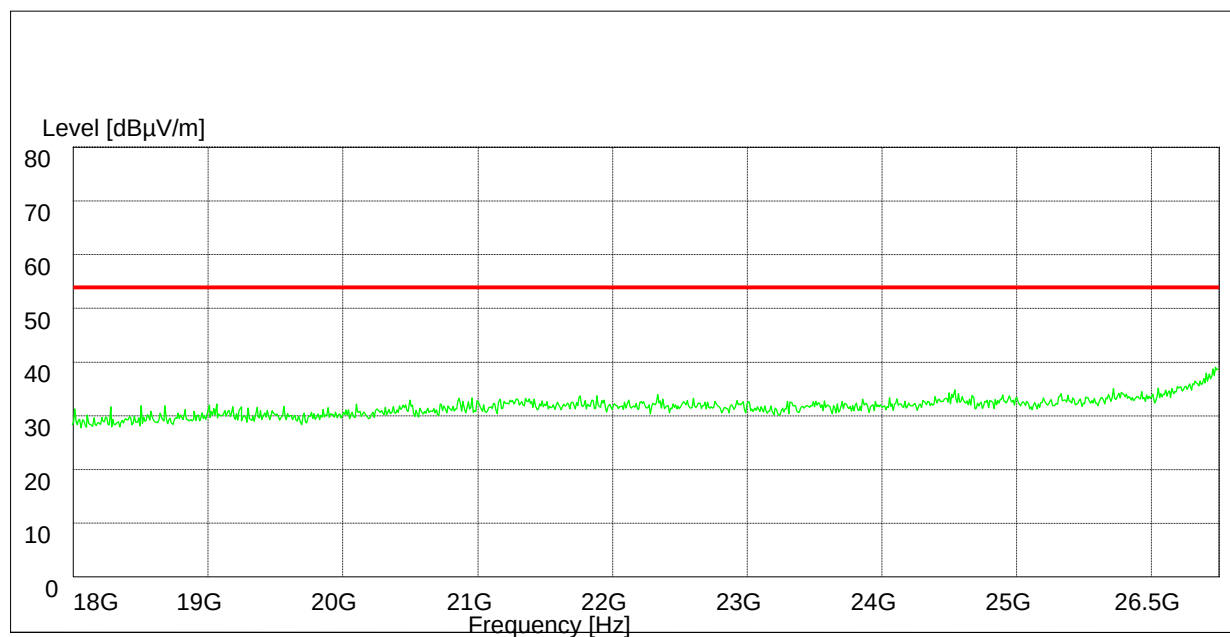
MEASUREMENT RESULT: QP Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Plarization
33.103680	29.1	12.0	40.0	10.9	100.0	130.0	VERTICAL
115.179200	23.4	11.7	43.5	20.1	100.0	184.0	VERTICAL
172.810880	37.2	10.7	43.5	6.3	206.0	245.0	HORIZONTAL
287.983680	29.7	15.7	46.0	16.3	100.0	134.0	HORIZONTAL
403.192640	27.2	18.8	46.0	18.8	100.0	191.0	HORIZONTAL
894.348800	27.3	26.8	46.0	18.7	114.0	251.0	VERTICAL



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

Note: No peak found in pre- test.

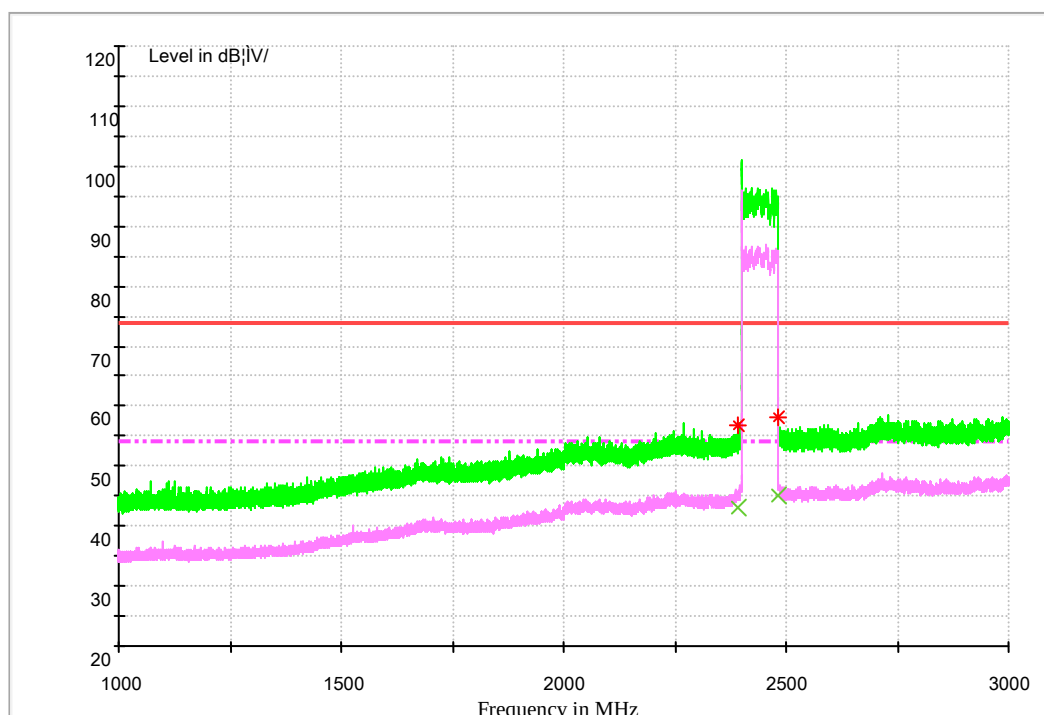


Part 3: Testing Range of “1GHz to 3GHz”

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

1.1 Channel 00



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

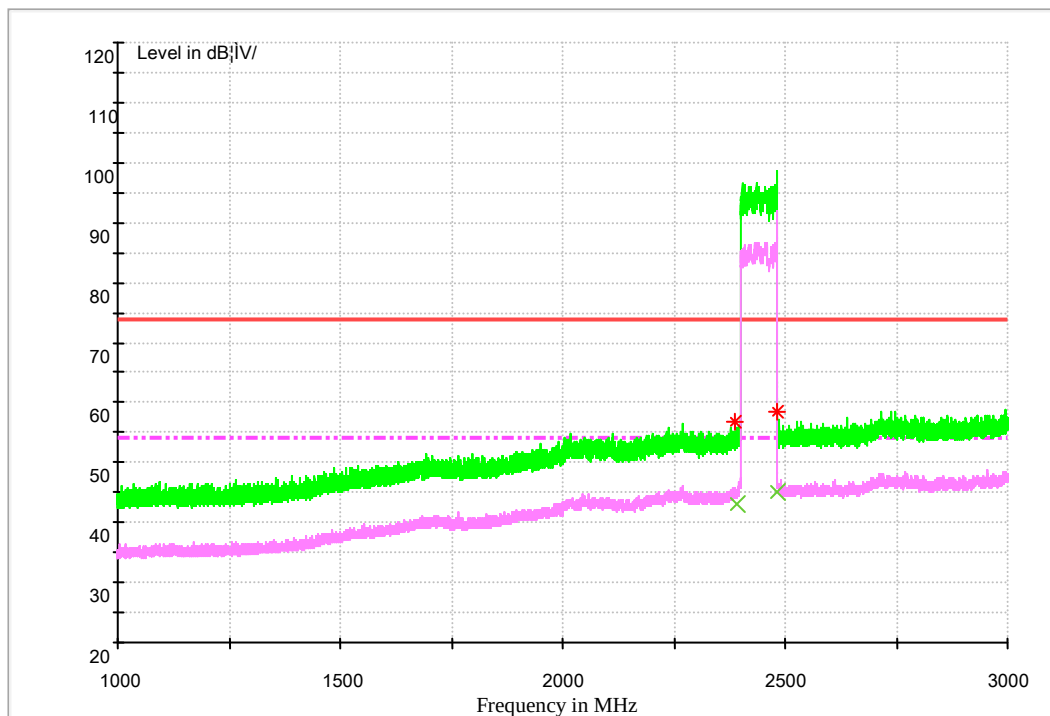
MEASUREMENT RESULT: PK Detector

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	100.0	262.0	VERTICAL
2483.500000	58.2	40.6	74.0	15.8	100.0	259.0	VERTICAL

MEASUREMENT RESULT: AVDetector

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	5.0	HORIZONTAL
2483.500000	45.1	40.6	54.0	8.9	100.0	259.0	VERTICAL

1.2 Channel 78



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	56.9	38.3	74.0	17.1	153.0	0.0	HORIZONTAL
2483.500000	58.6	40.6	74.0	15.4	119.0	40.0	HORIZONTAL

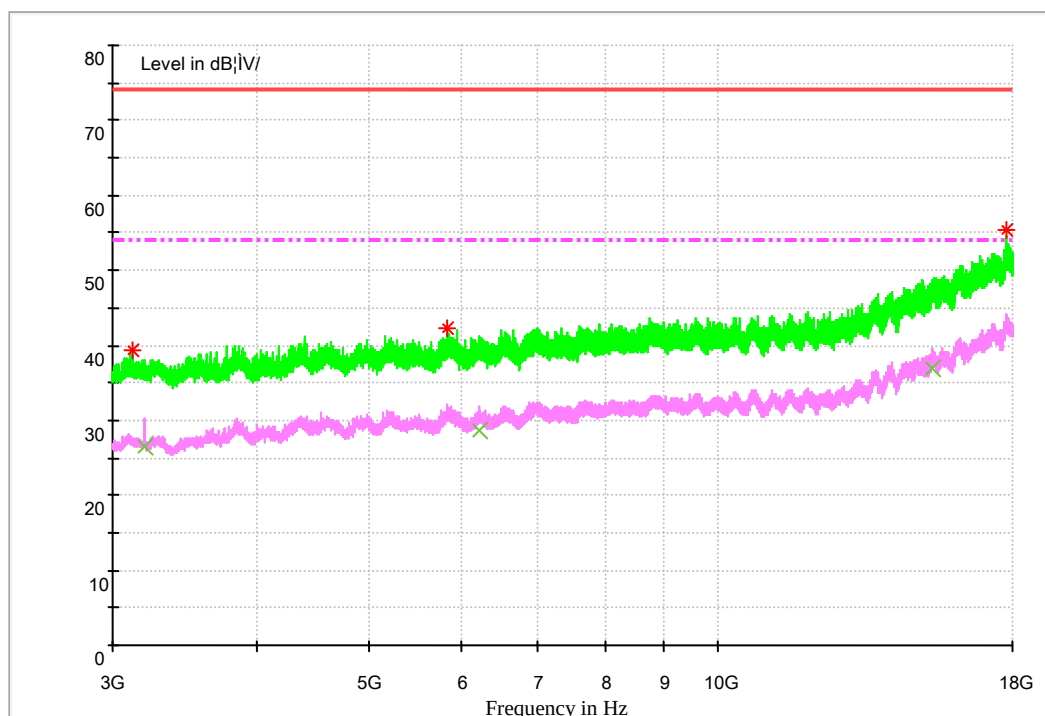
MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	43.2	38.3	54.0	10.8	100.0	0.0	HORIZONTAL
2483.500000	45.0	40.6	54.0	9.0	113.0	85.0	HORIZONTAL

1.3

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
3127.297333	39.2	-3.3	74.0	34.8	100.0	244.0	VERTICAL
5843.852667	42.4	3.8	74.0	31.6	100.0	-32.0	HORIZONTAL
17792.970000	55.4	28.6	74.0	18.6	159.0	23.0	VERTICAL



MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
3202.642667	26.5	-3.4	54.0	27.5	100.0	37.0	HORIZONTAL
6218.898667	28.5	3.7	54.0	25.5	200.0	224.0	VERTICAL
15331.010000	36.8	23.4	54.0	17.2	200.0	53.0	HORIZONTAL

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



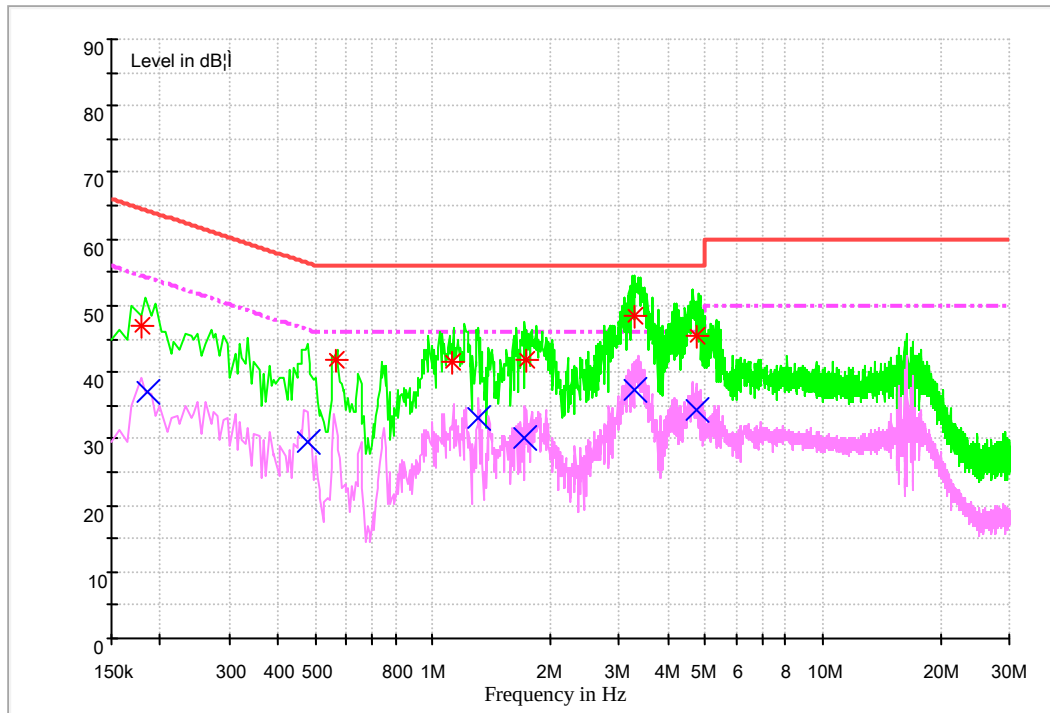
Appendix I

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
0.178393	46.9	9.7	64.6	17.7	L1	FLO
0.564642	41.9	9.7	56.0	14.1	N	FLO
1.117747	41.6	9.7	56.0	14.4	N	FLO
1.738114	41.9	9.7	56.0	14.1	N	FLO
3.303116	48.4	9.7	56.0	7.6	N	FLO
4.728792	45.5	9.8	56.0	10.5	L1	FLO



MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Line	PE
0.185341	37.0	9.7	54.2	17.2	N	FLO
0.477030	29.6	9.7	46.4	16.8	N	FLO
1.307989	33.0	9.7	46.0	13.0	N	FLO
1.712598	30.2	9.7	46.0	15.8	N	FLO
3.305273	37.3	9.7	46.0	8.7	N	FLO
4.727959	34.4	9.8	46.0	11.6	L1	FLO

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