



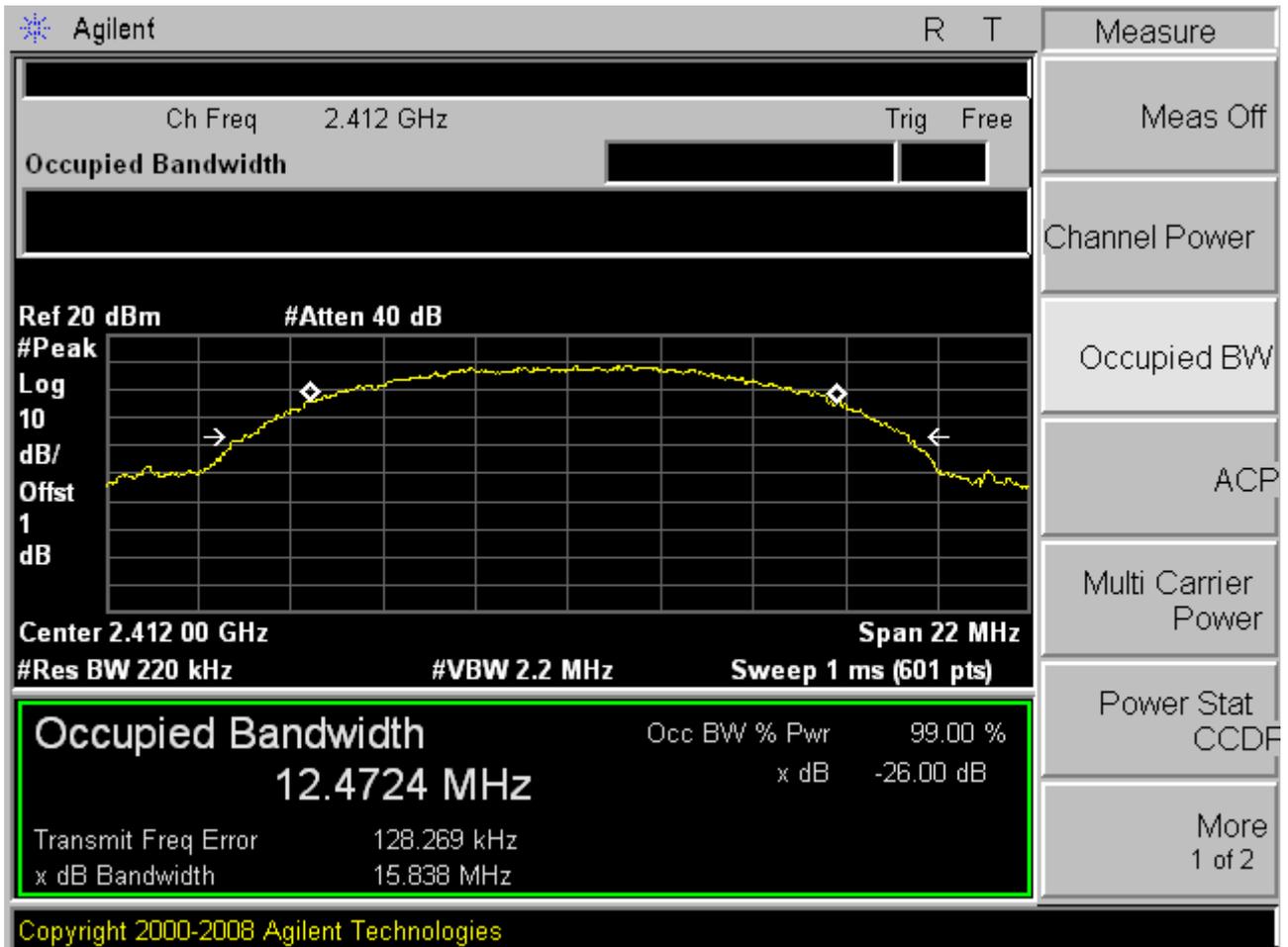
Appendix A

6dB bandwidth measurement

According to FCC Part 15.247 (a) (2)

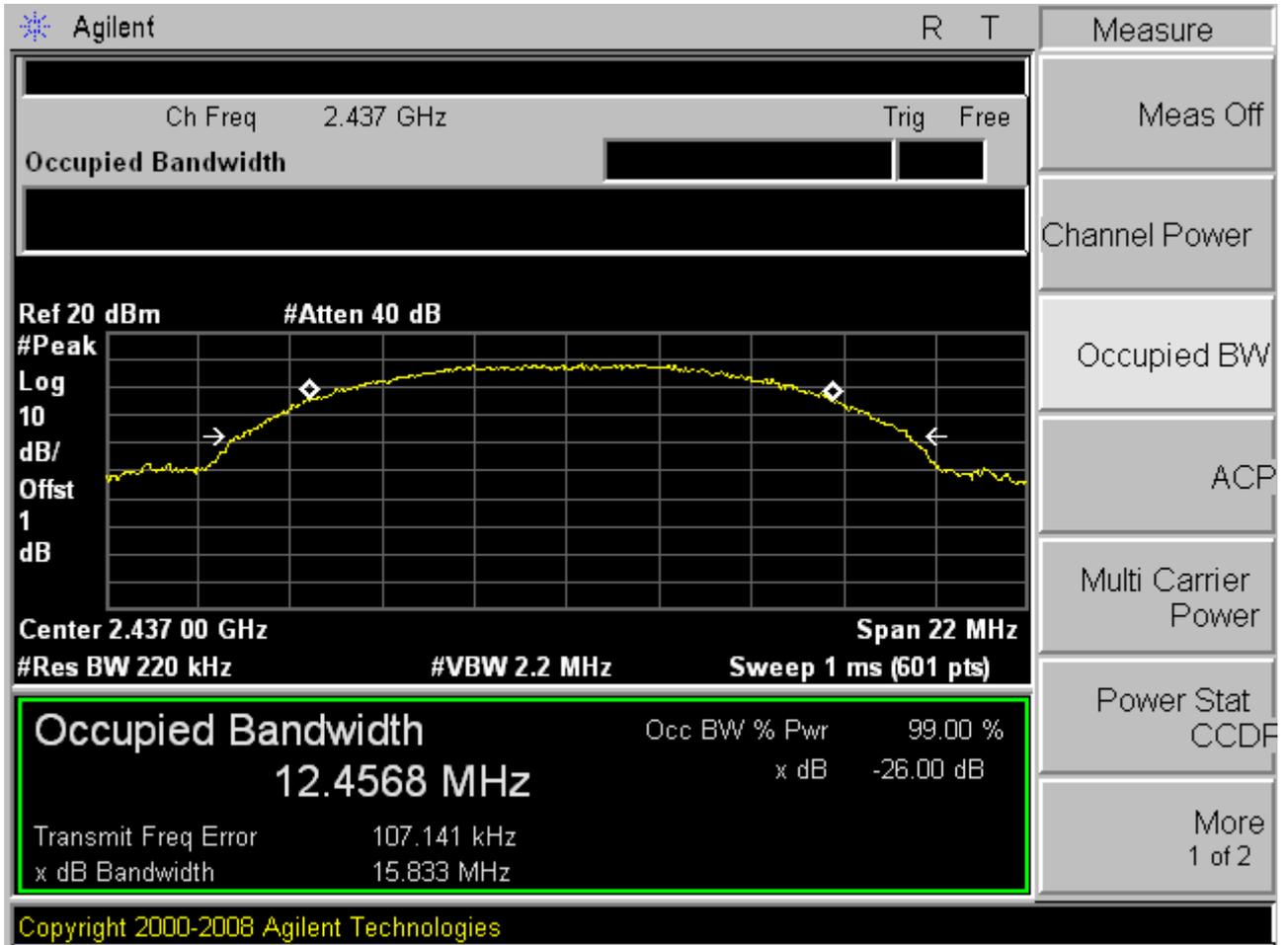


TM1 Channel 1 (2412MHz)



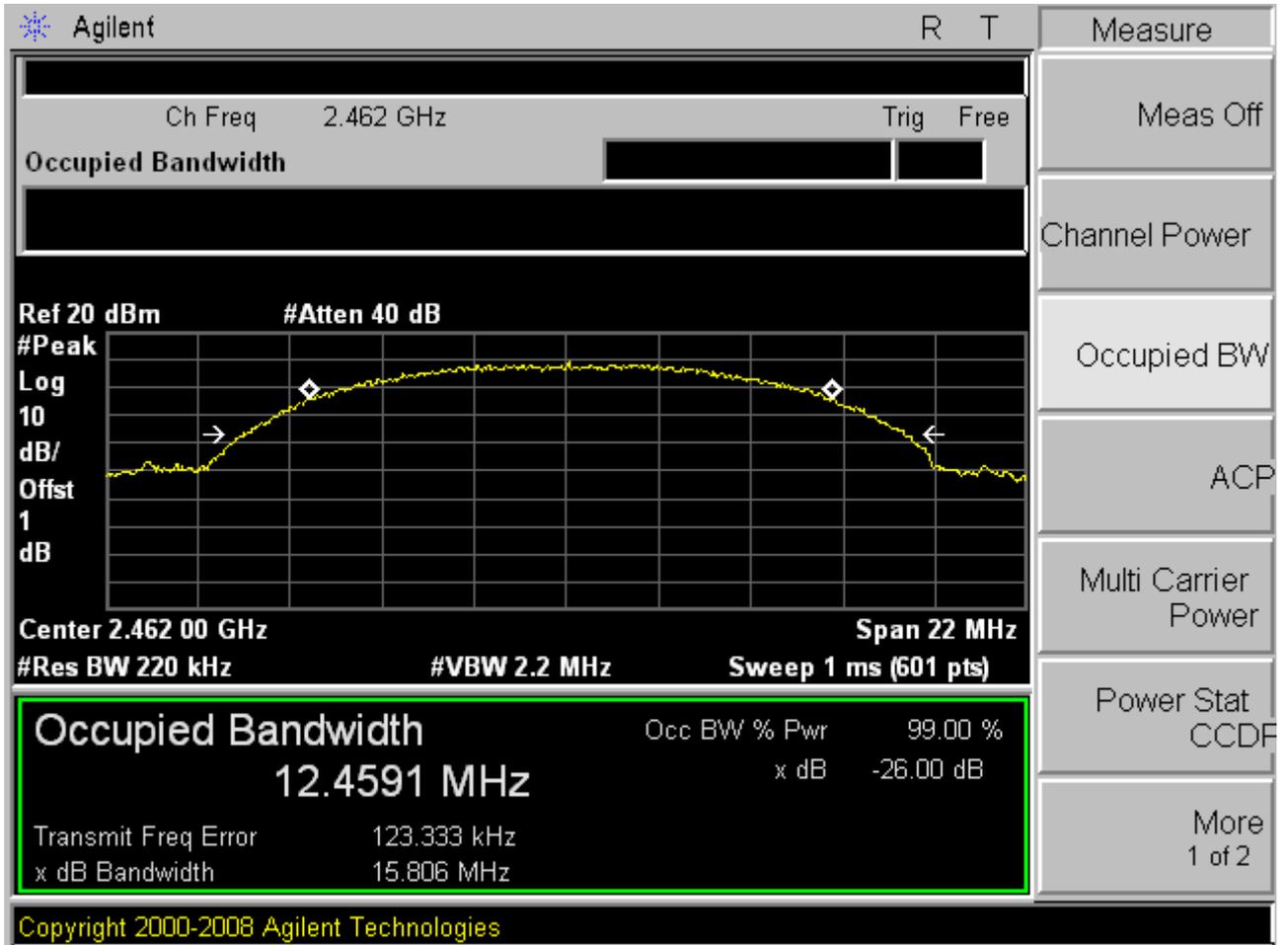


Channel 6 (2437MHz)



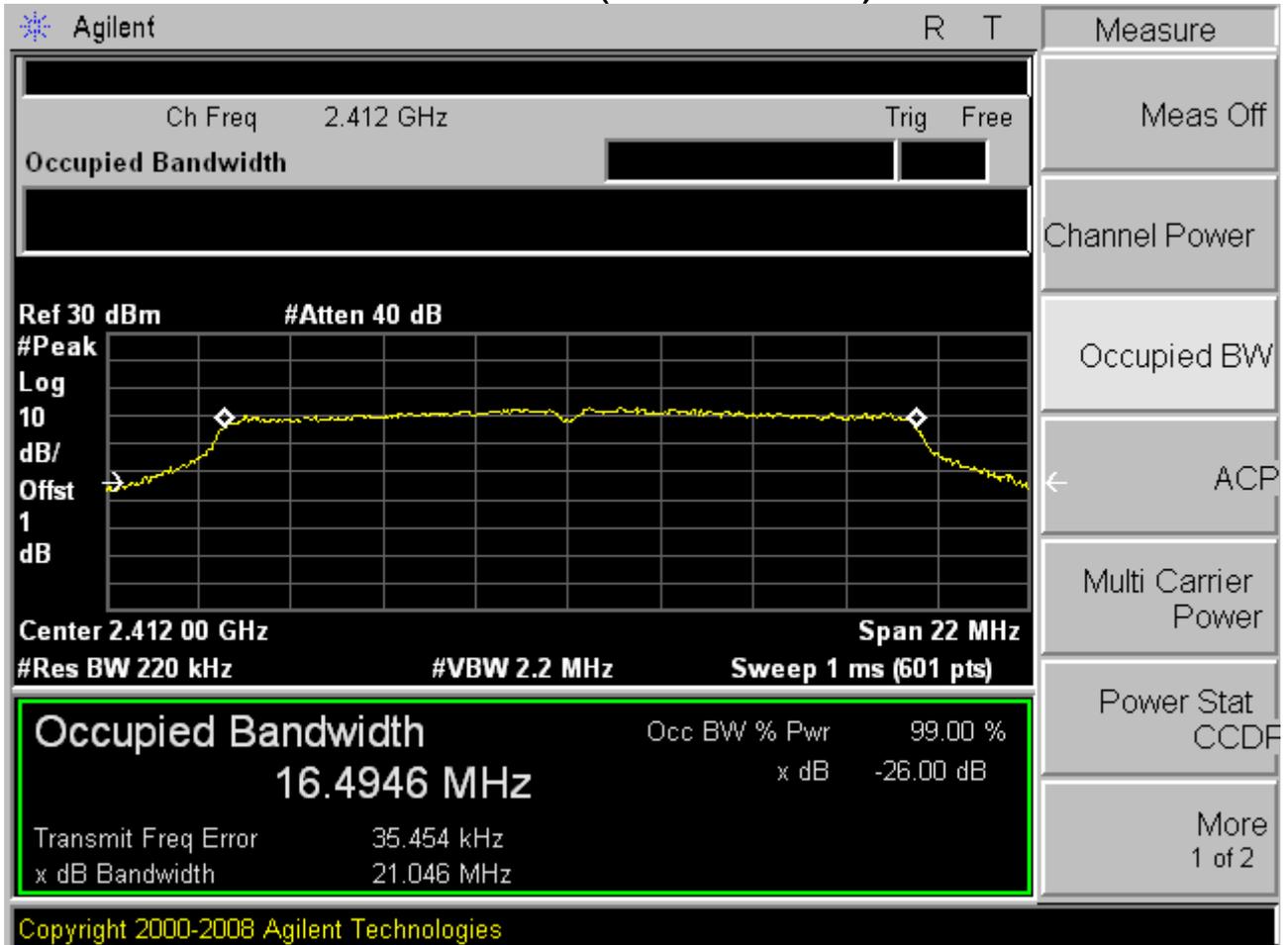


Channel 11 (2462MHz)



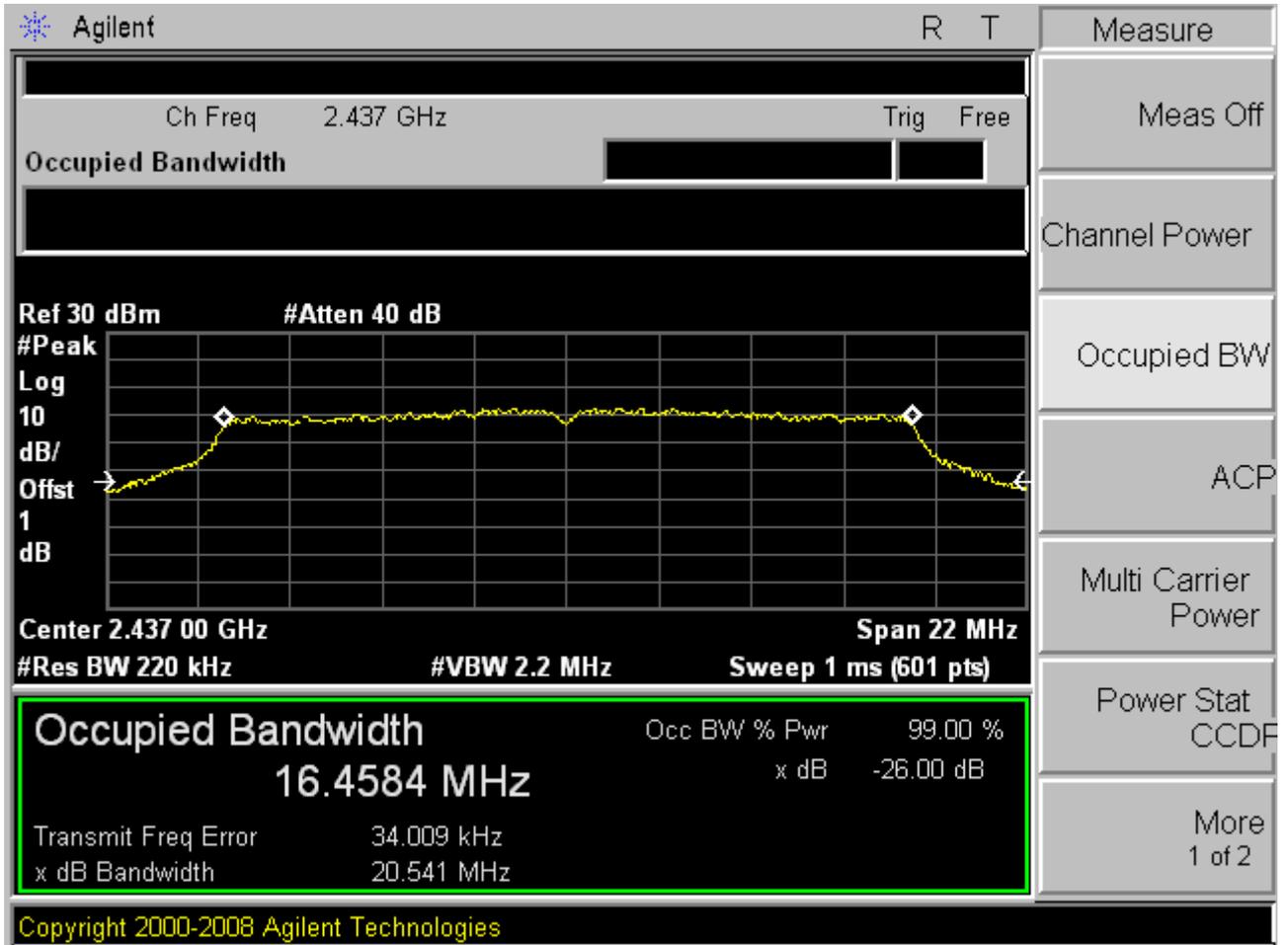


TM2 Channel 1 (2412MHz)



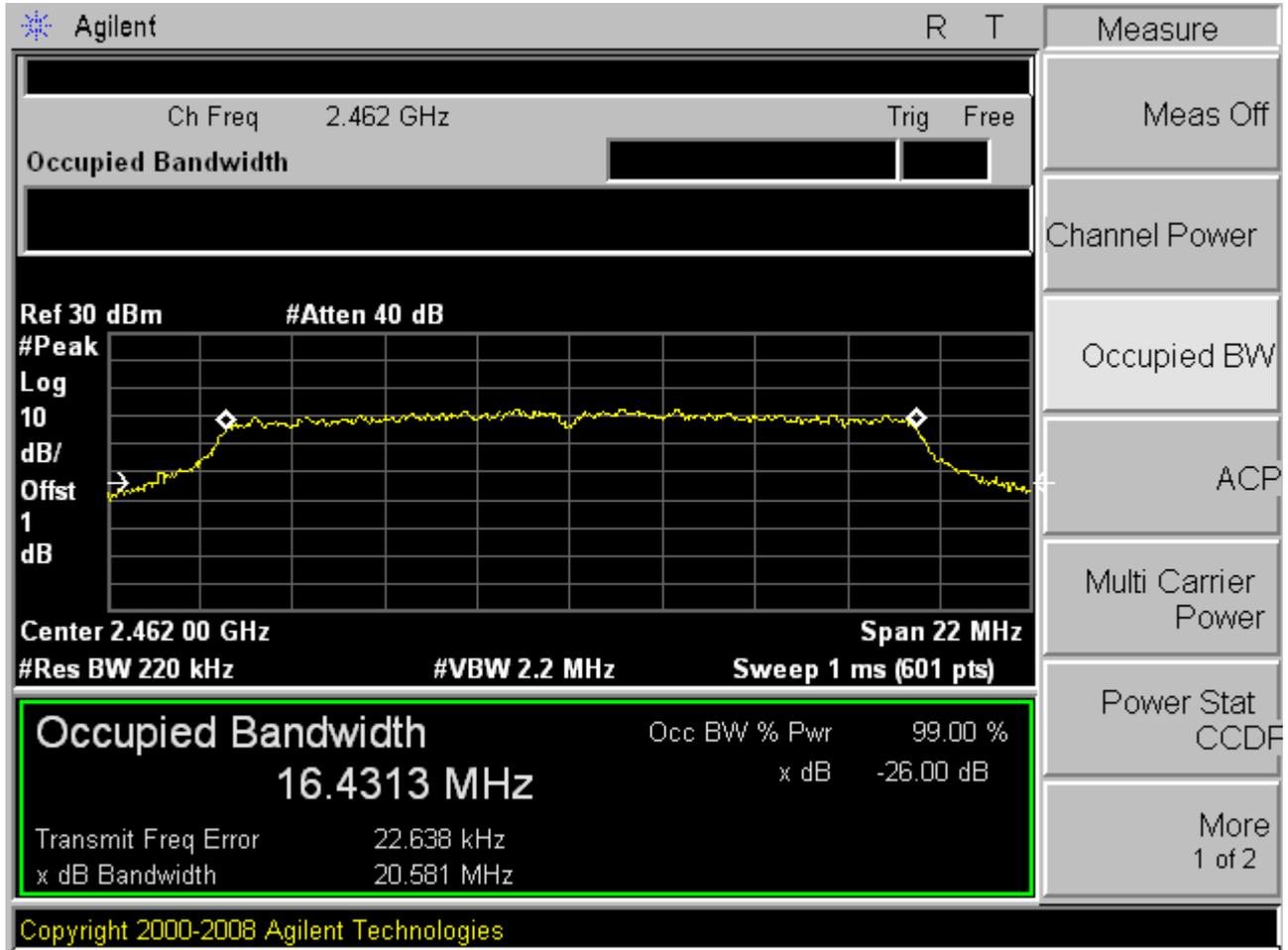


Channel 6 (2437MHz)



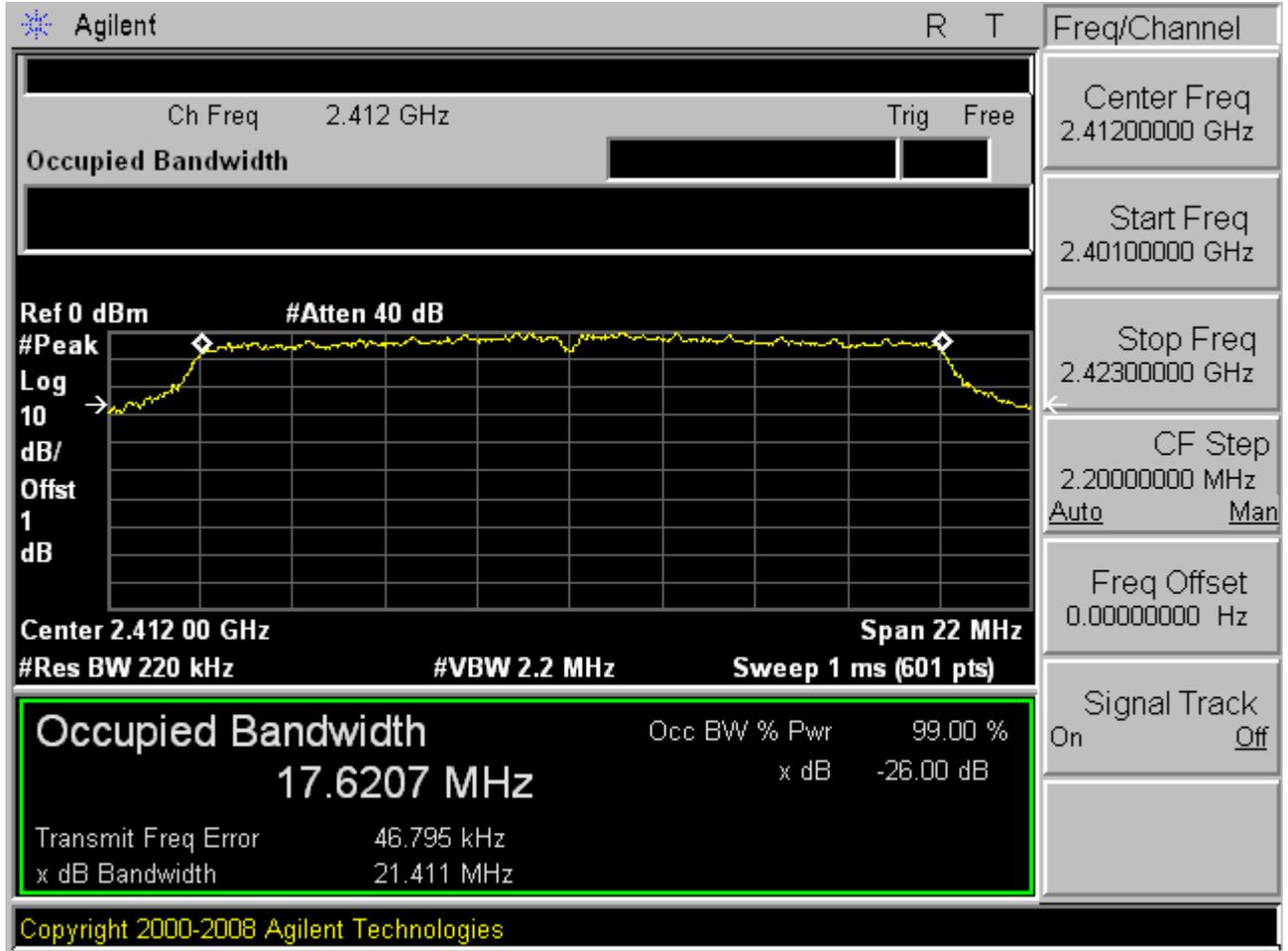


Channel 11 (2462MHz)



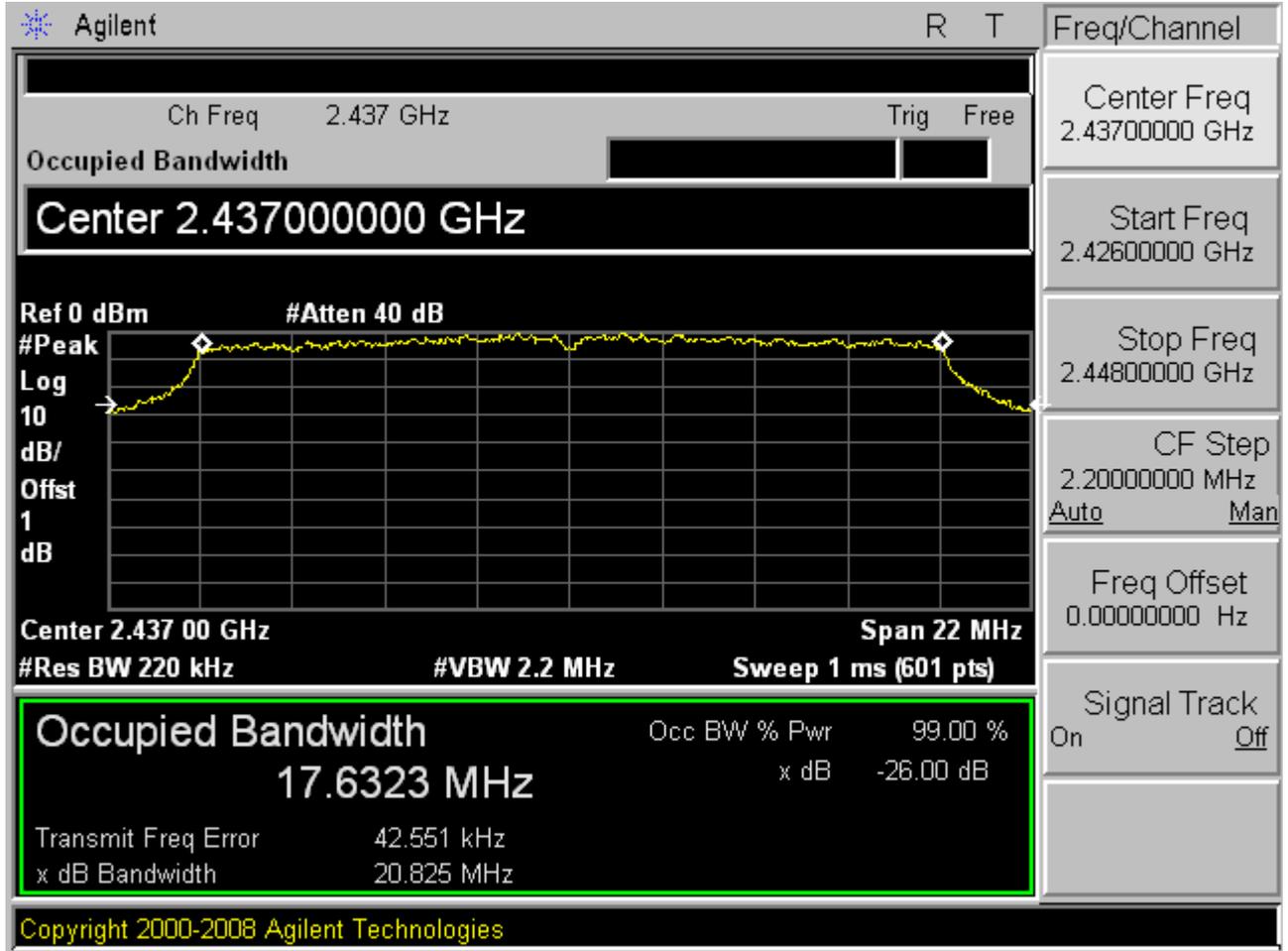


TM3 Channel 1 (2412MHz)



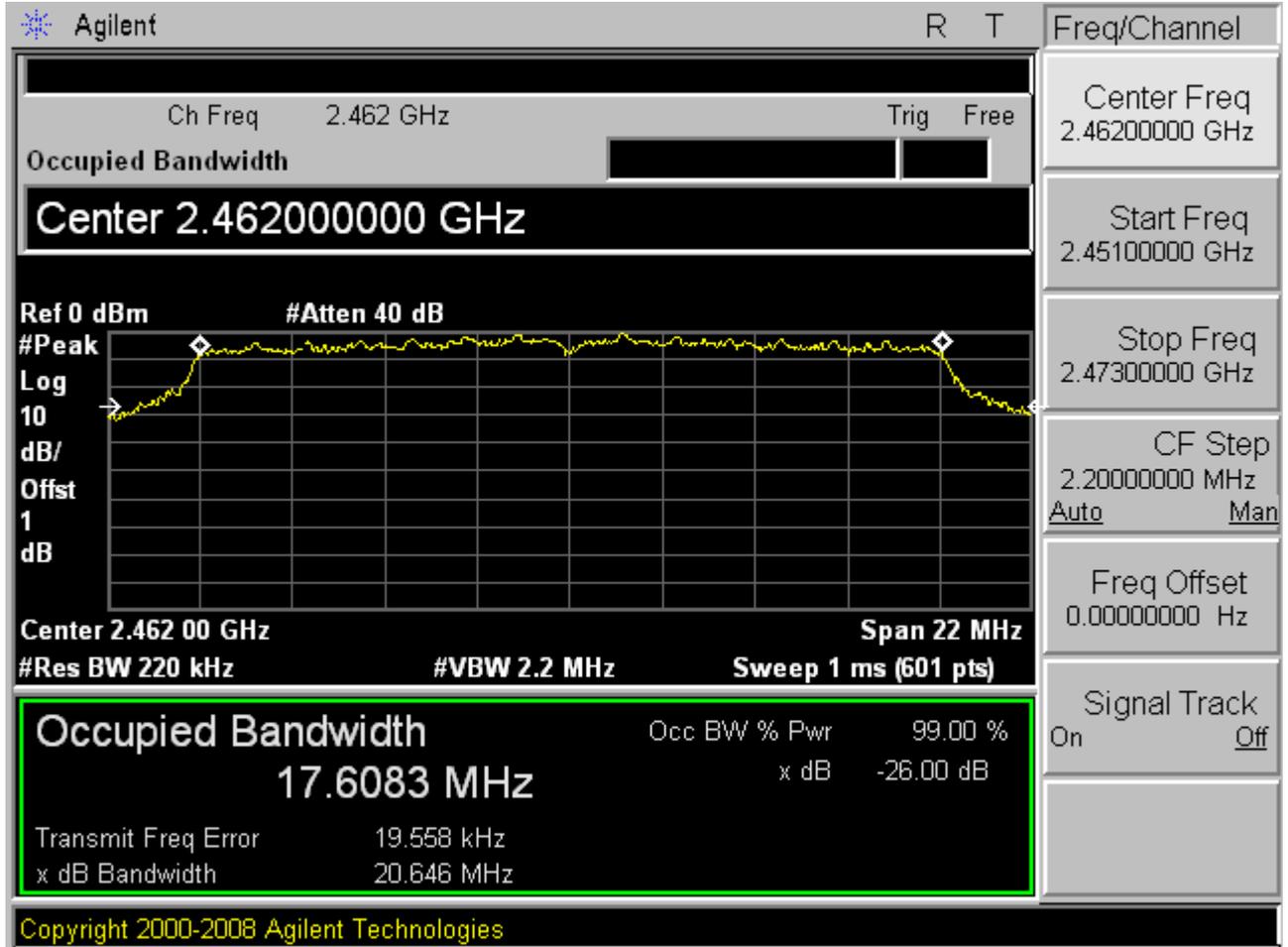


Channel 6 (2437MHz)





Channel 11 (2462MHz)





Appendix B

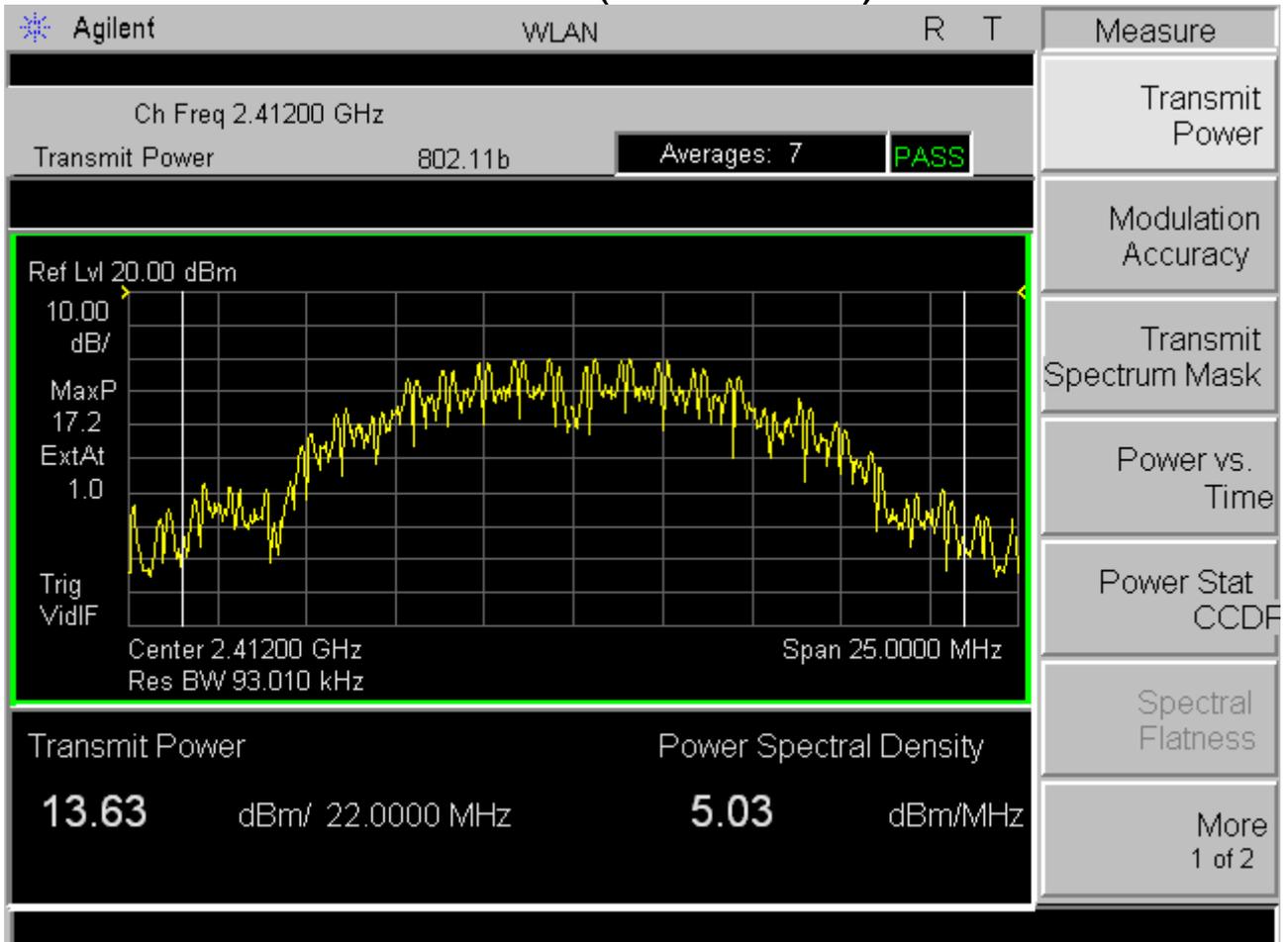
Conducted Peak output power

According to FCC Part 15.247 (b) (3)



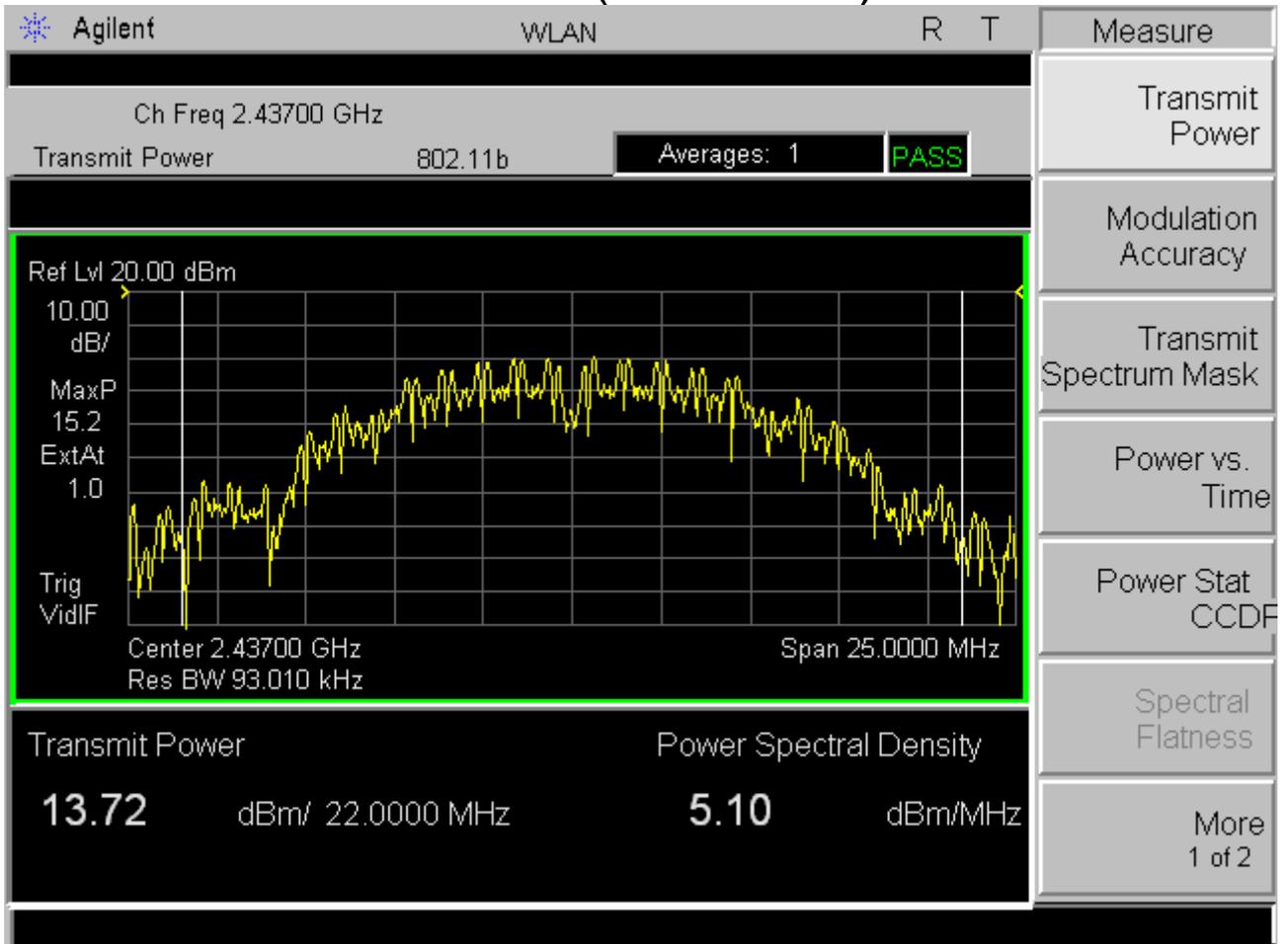
TM1

Channel 1 (2412MHz)



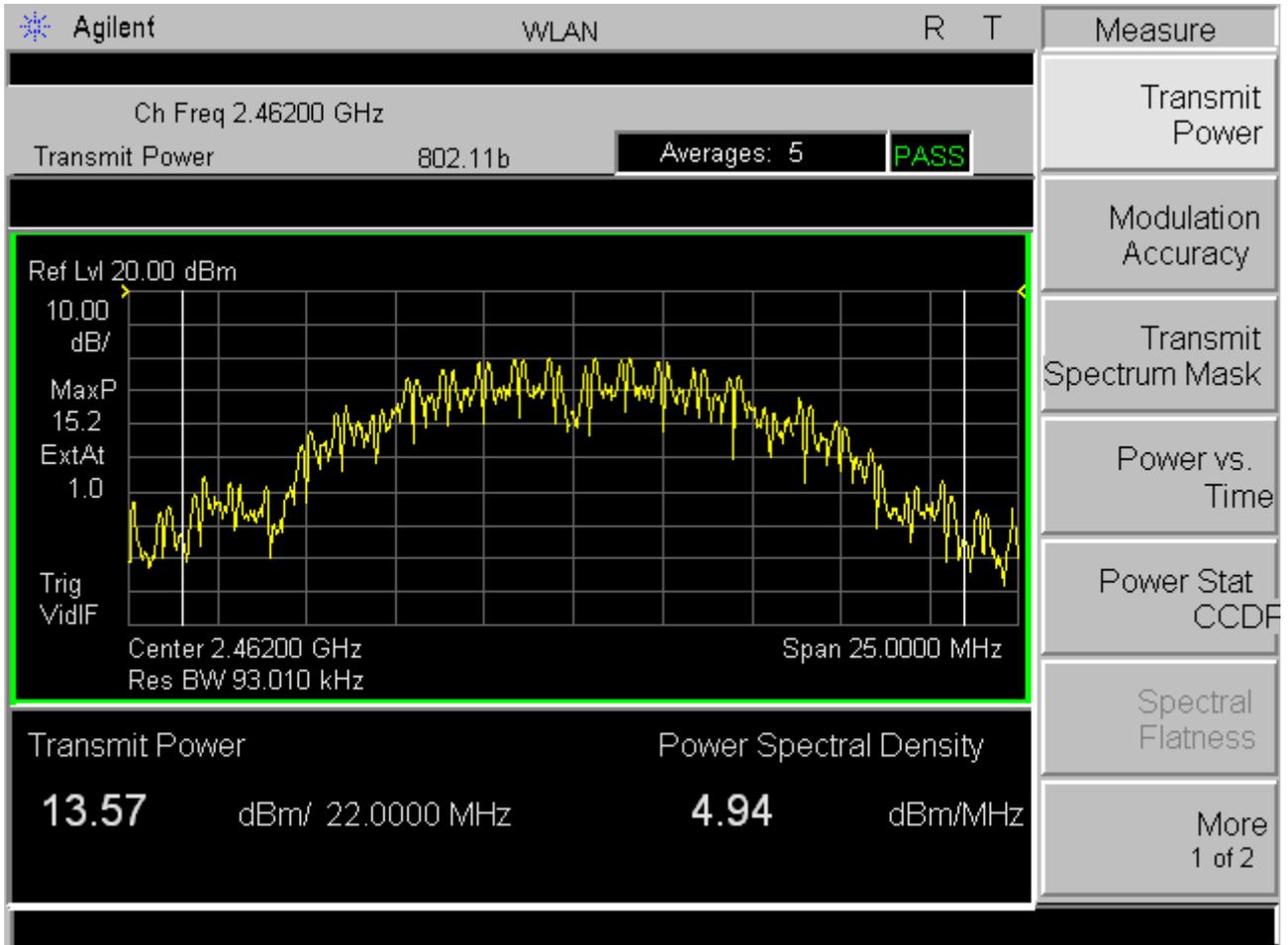


Channel 6 (2437MHz)





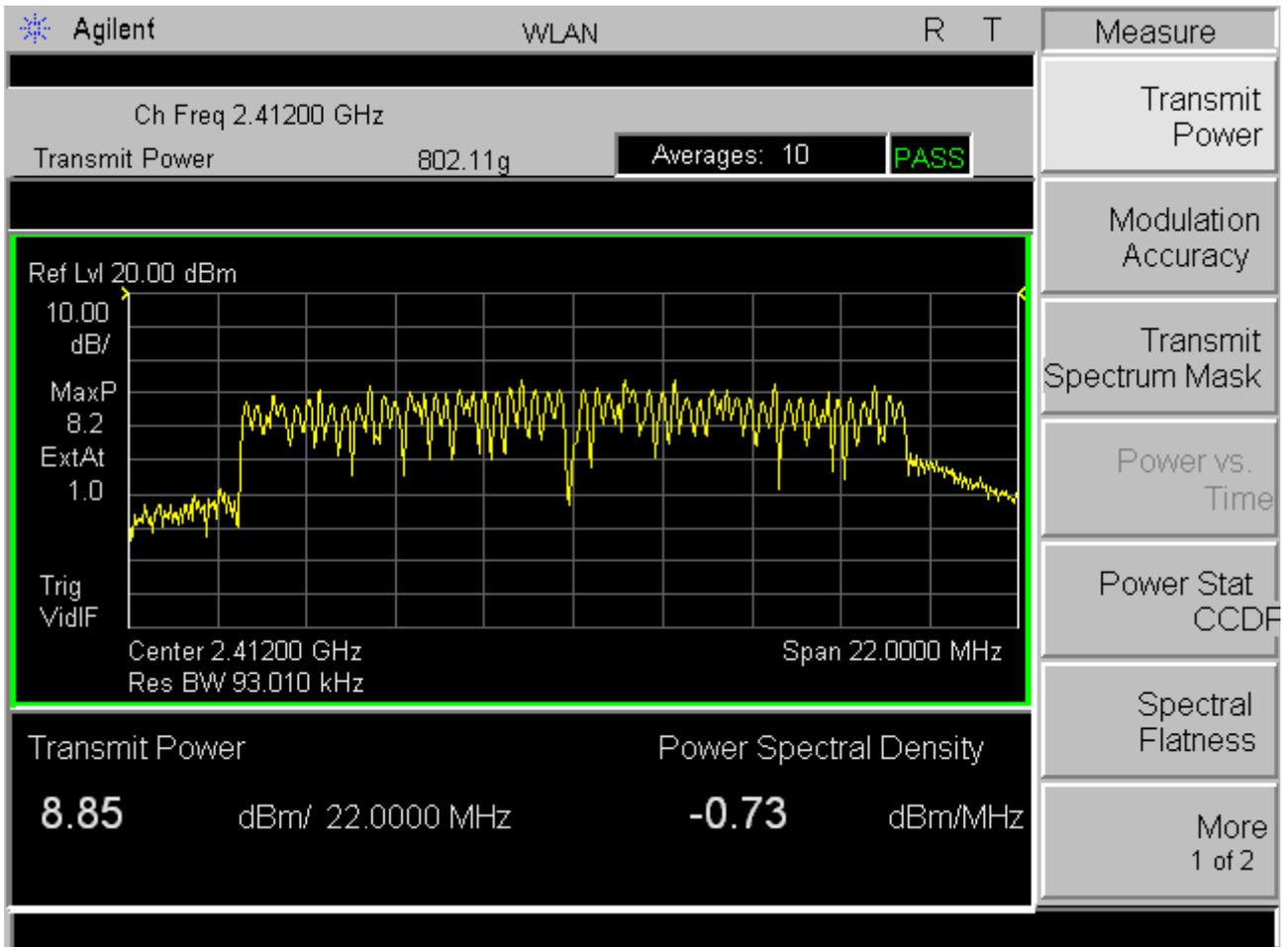
Channel 11 (2462MHz)





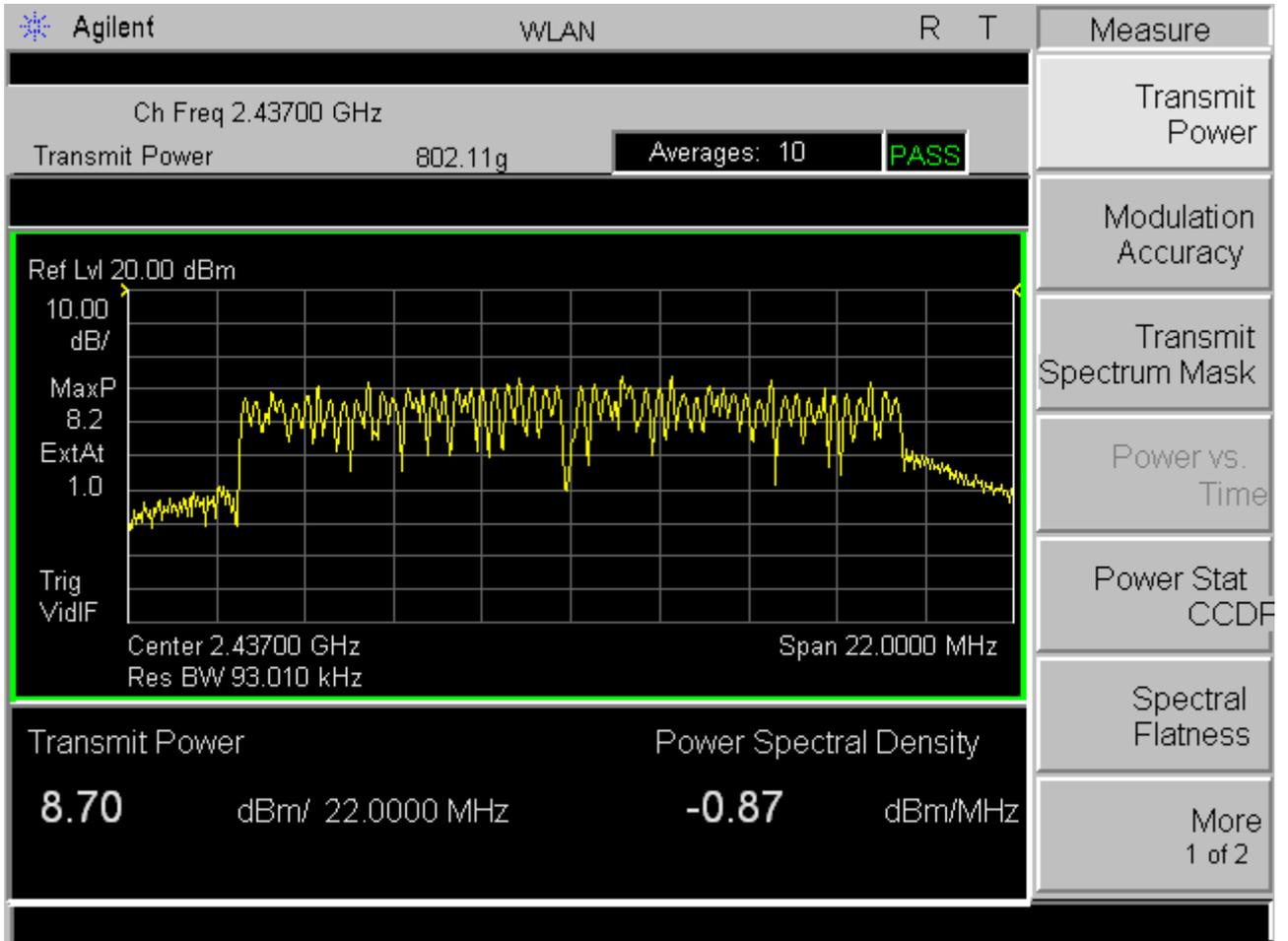
TM2

Channel 1 (2412MHz)



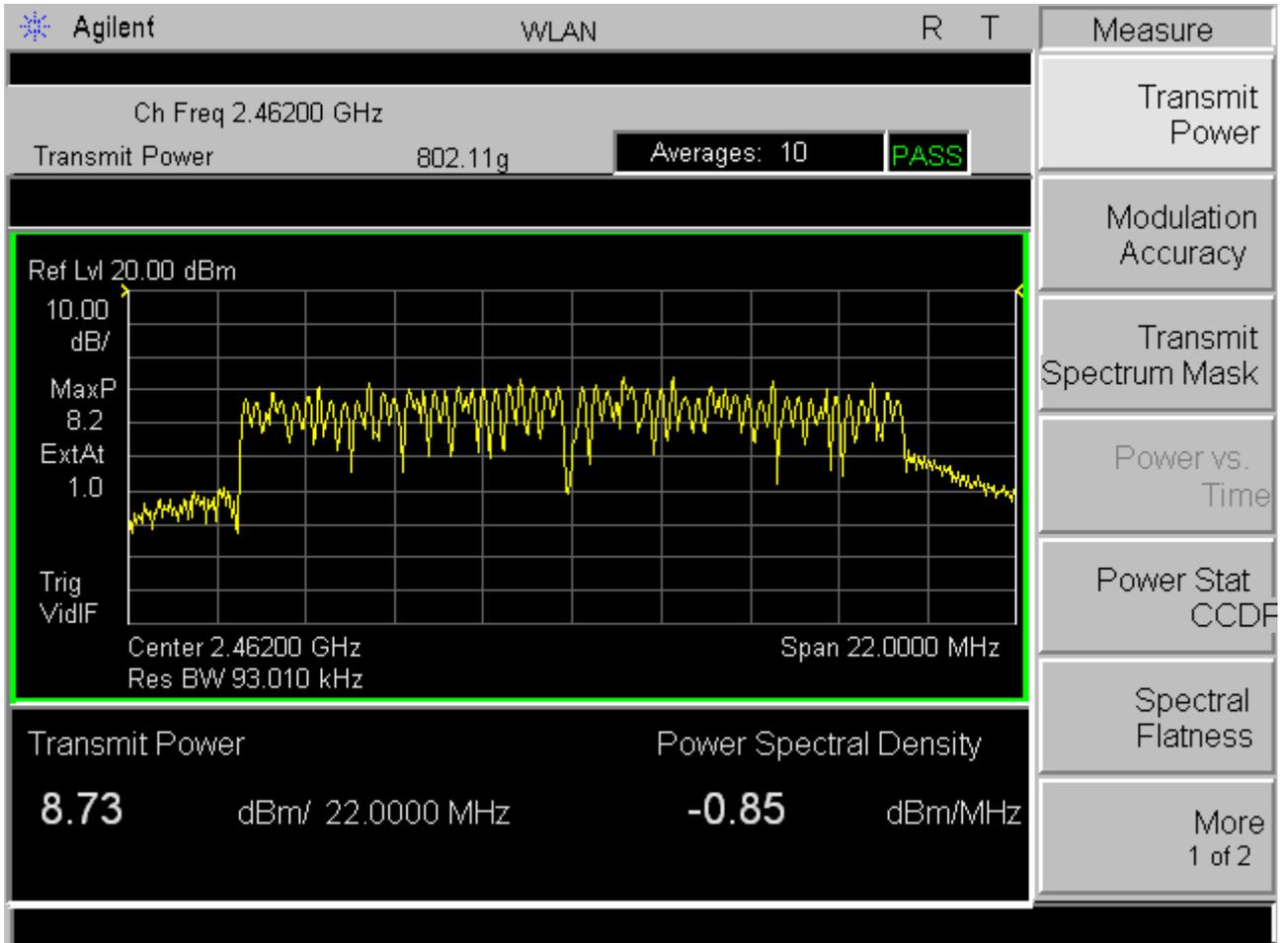


Channel 6 (2437MHz)



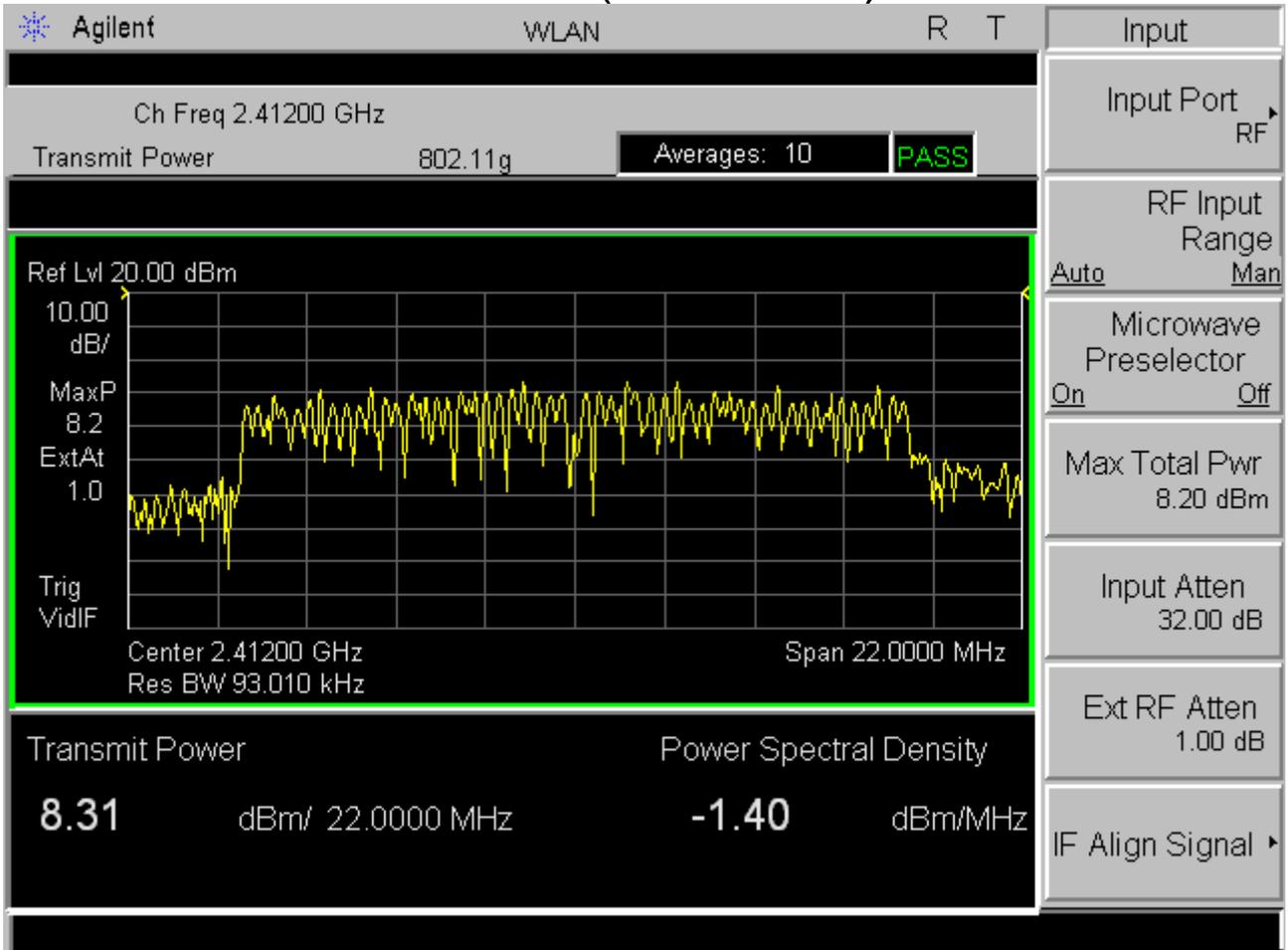


Channel 11 (2462MHz)



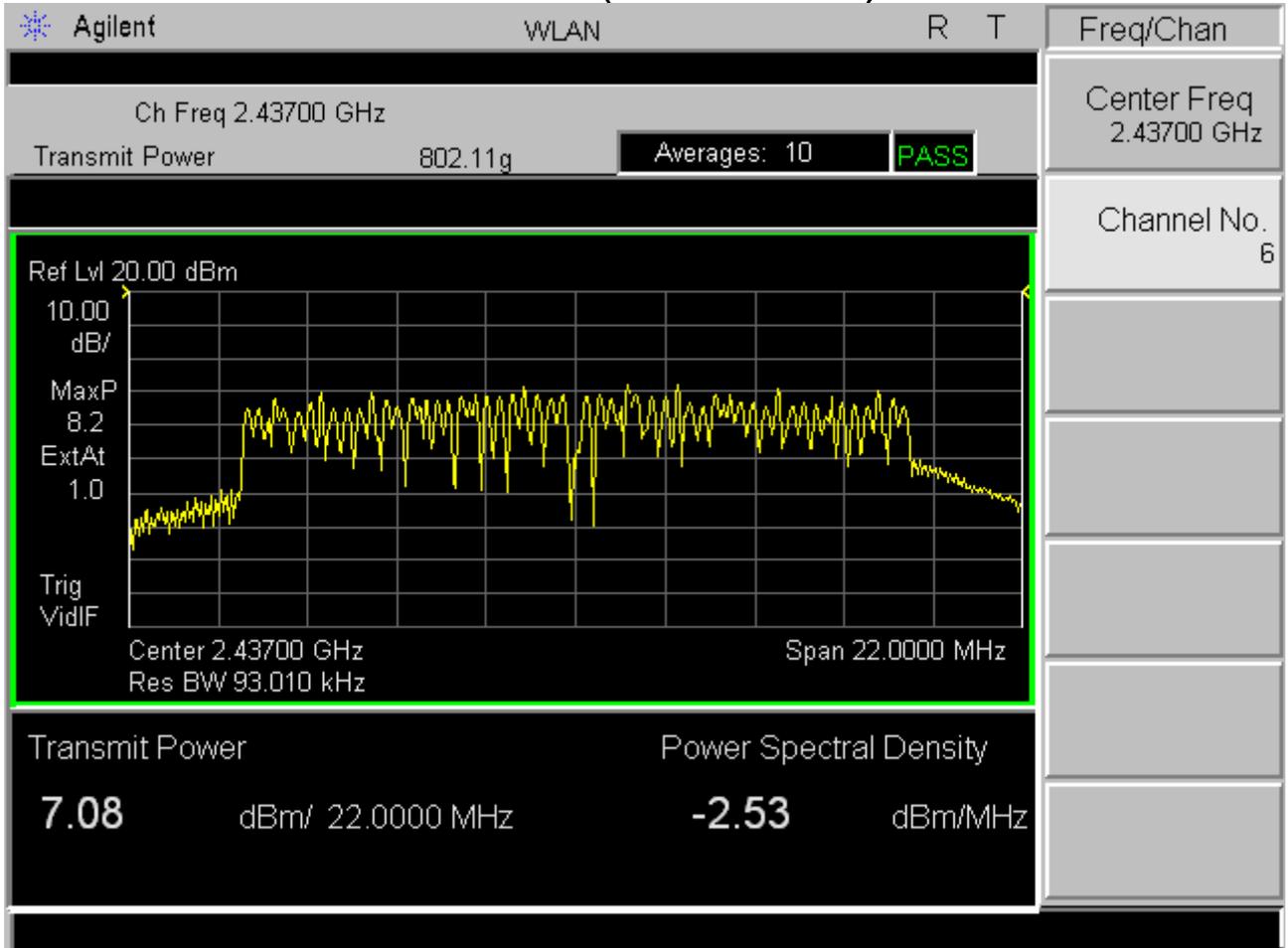


TM3 Channel 1 (2412MHz)



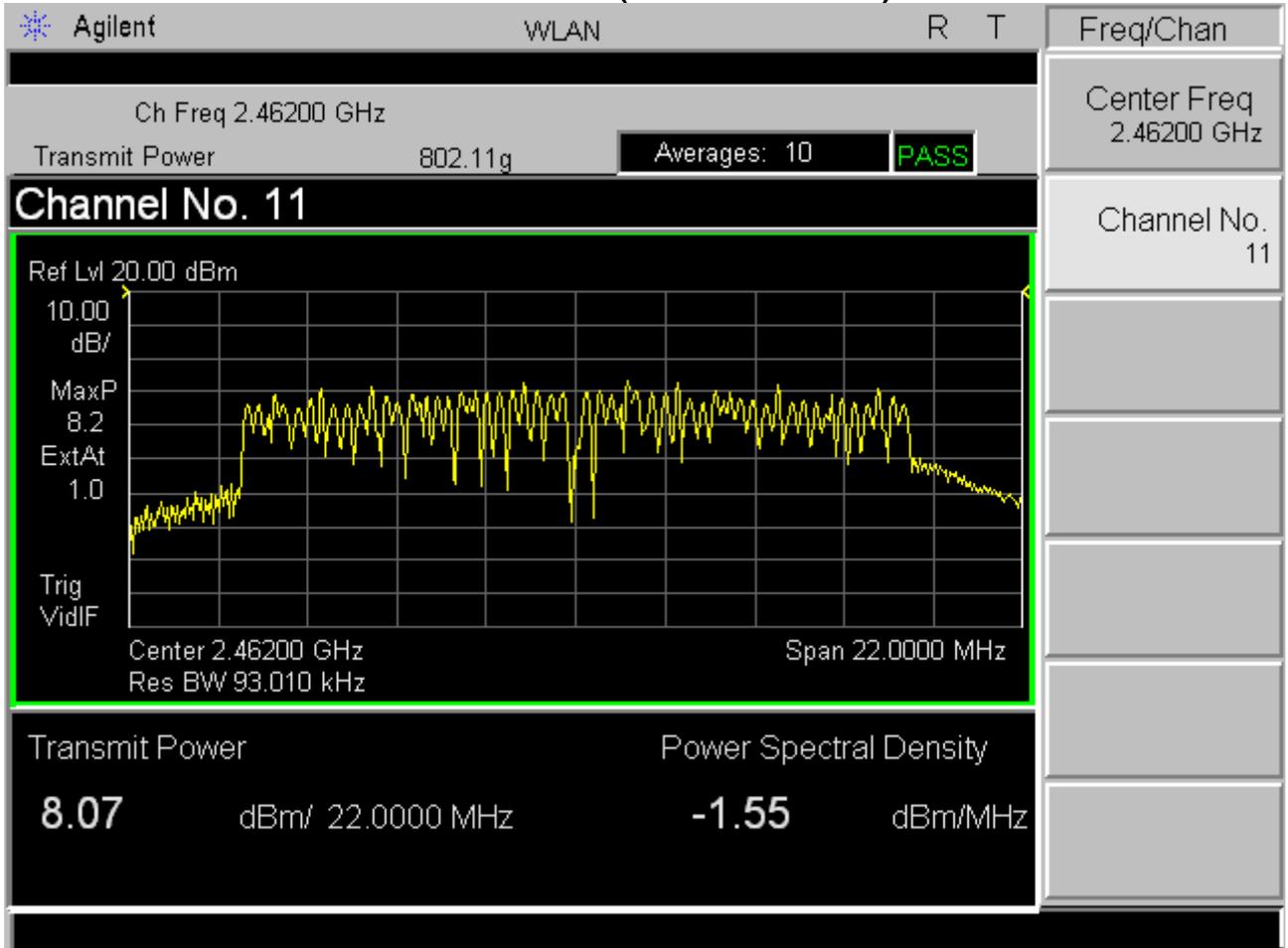


Channel 6 (2437MHz)





Channel 11 (2462MHz)





FCC Test Report of HUAWEI U8150-A/U8150-A/Comet
FCC ID: QISU8150-A
IC: 6369A-U8150A

Security Level:
Public

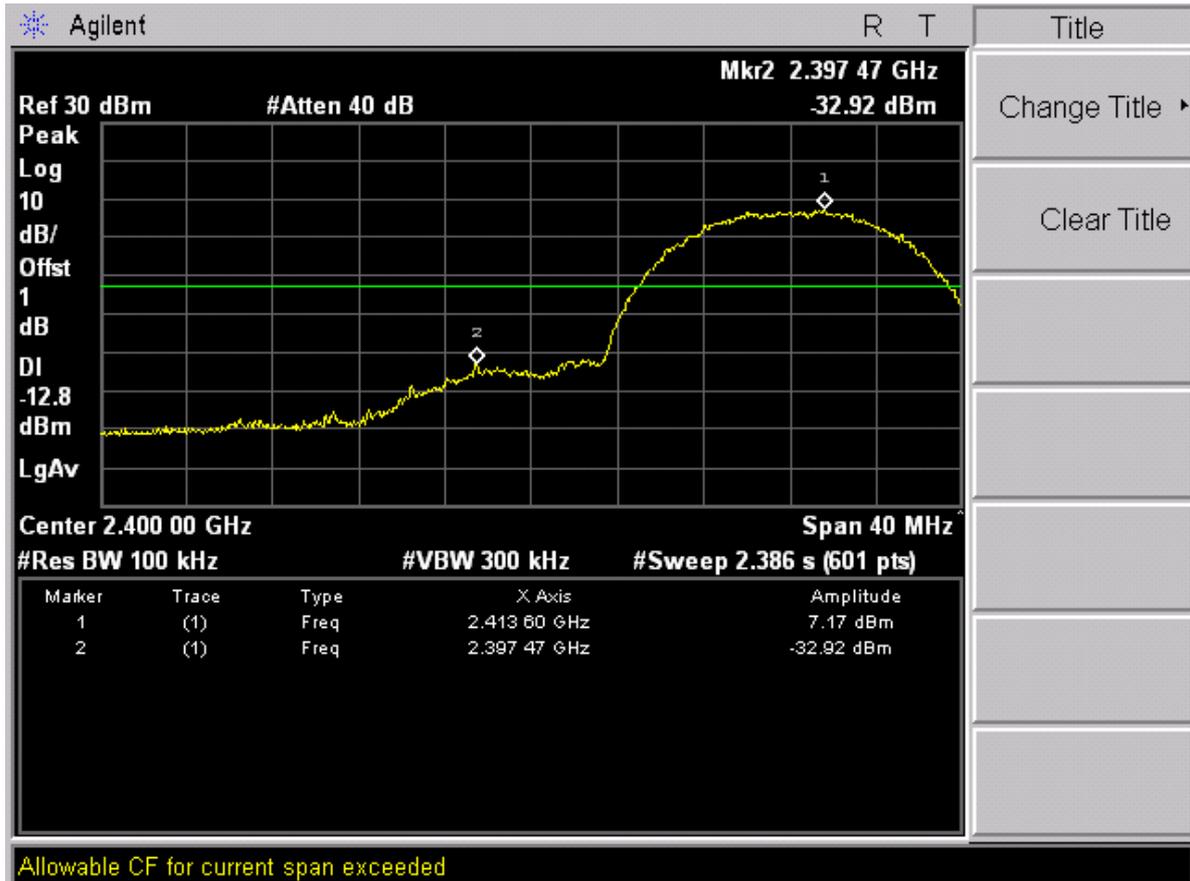
Appendix C

Band edge spurious emission

According to FCC Part 15.247 (d)

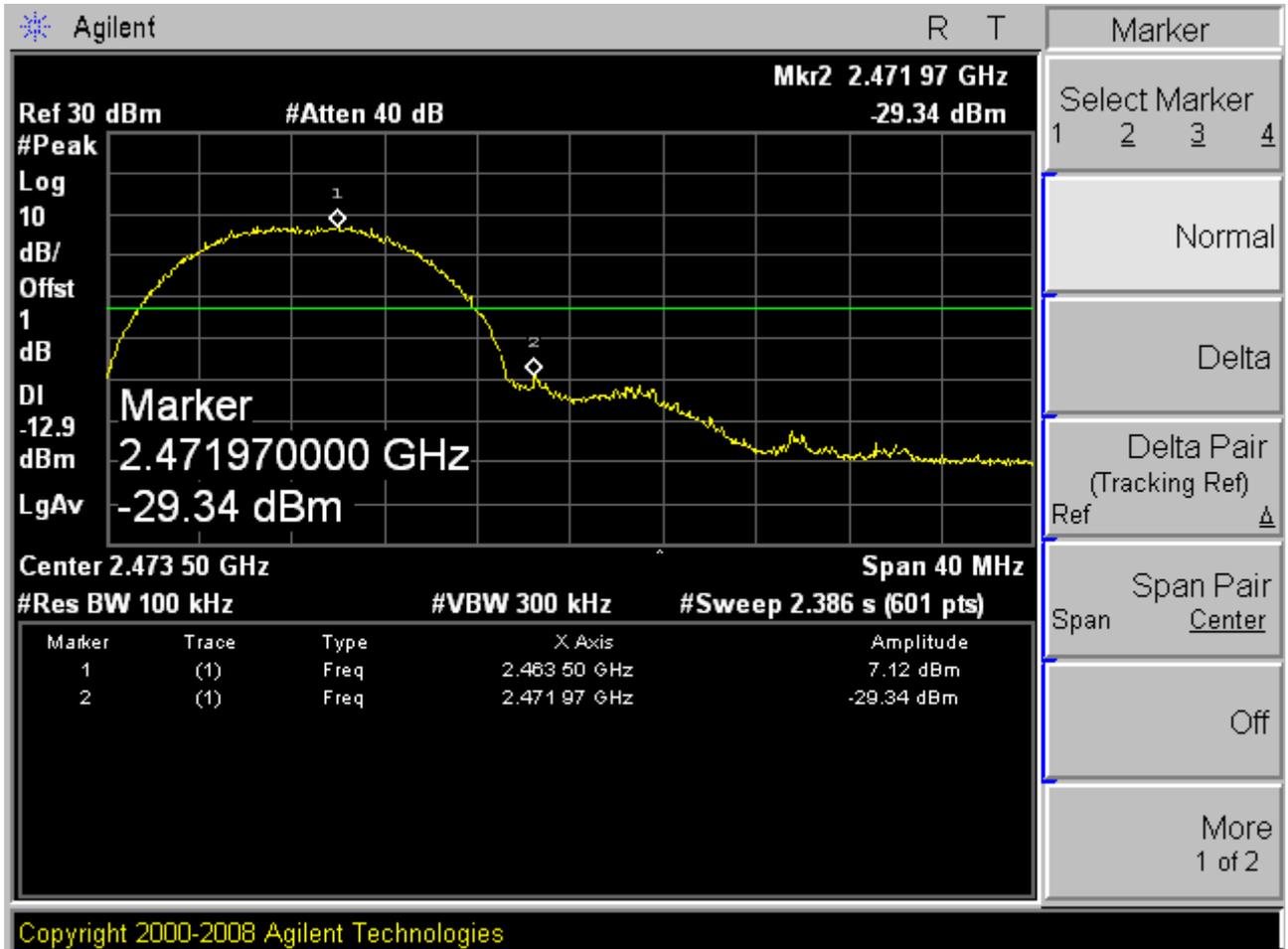


TM1 Low edge



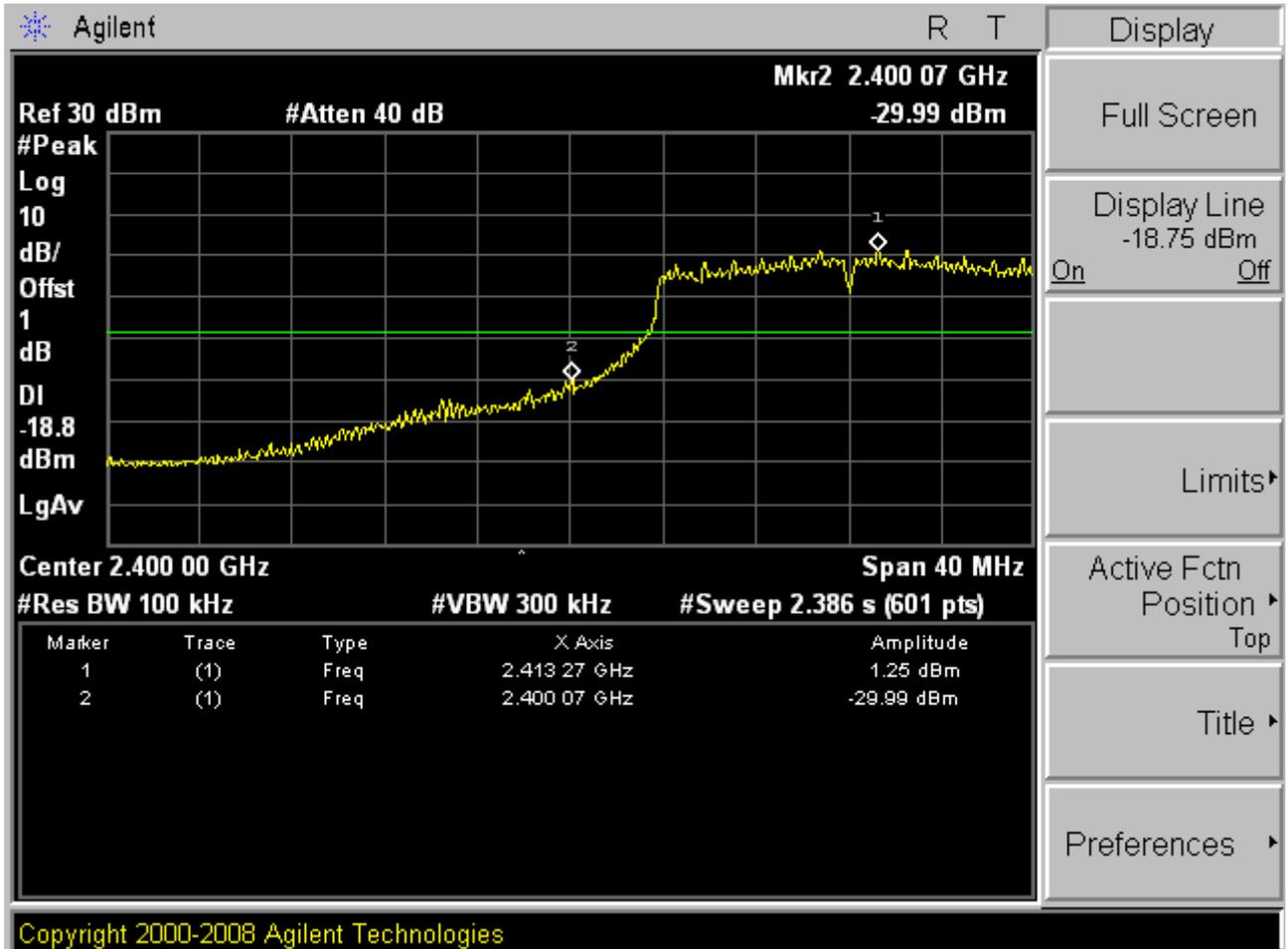


High edge



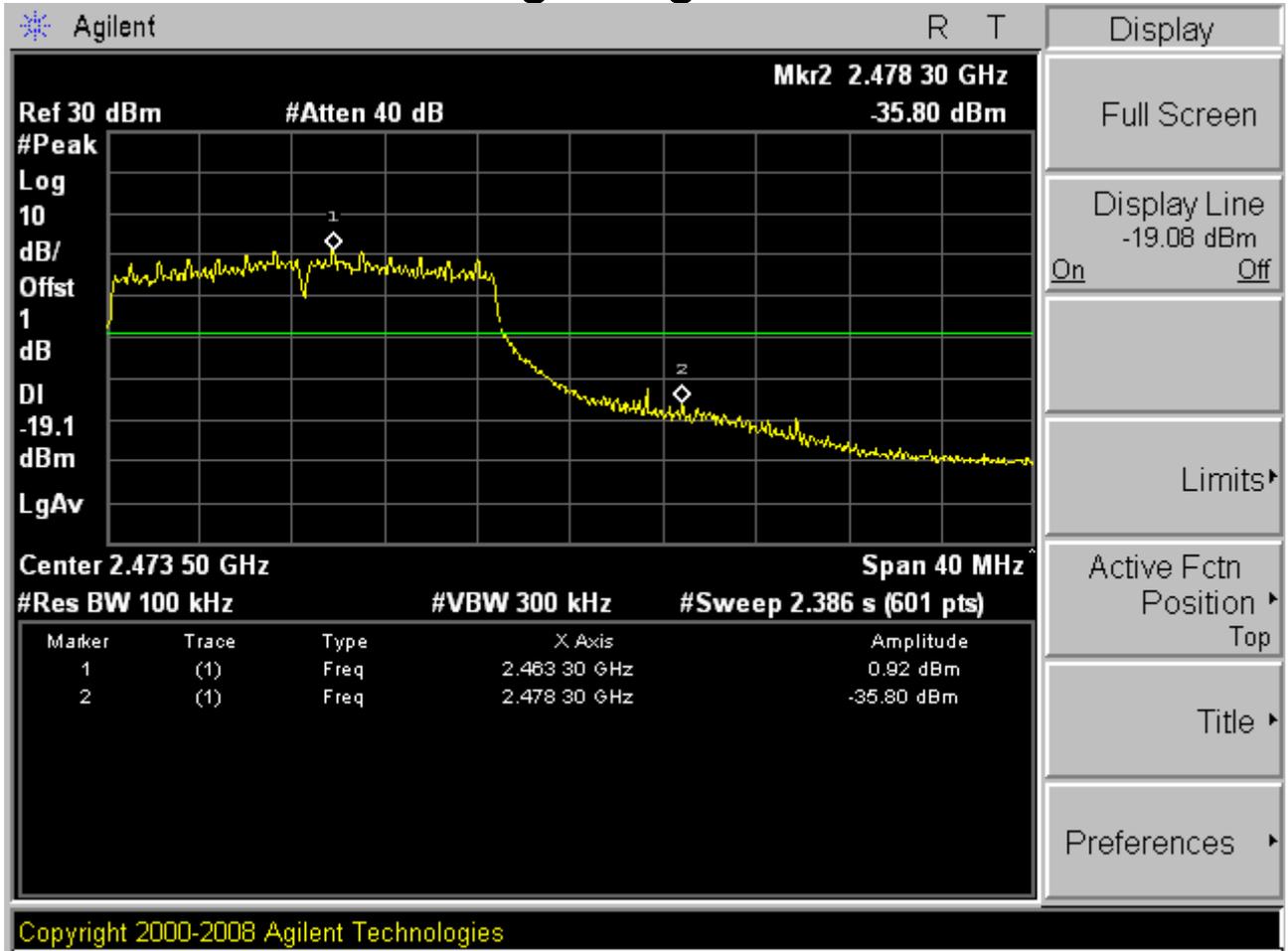


TM2 Low edge





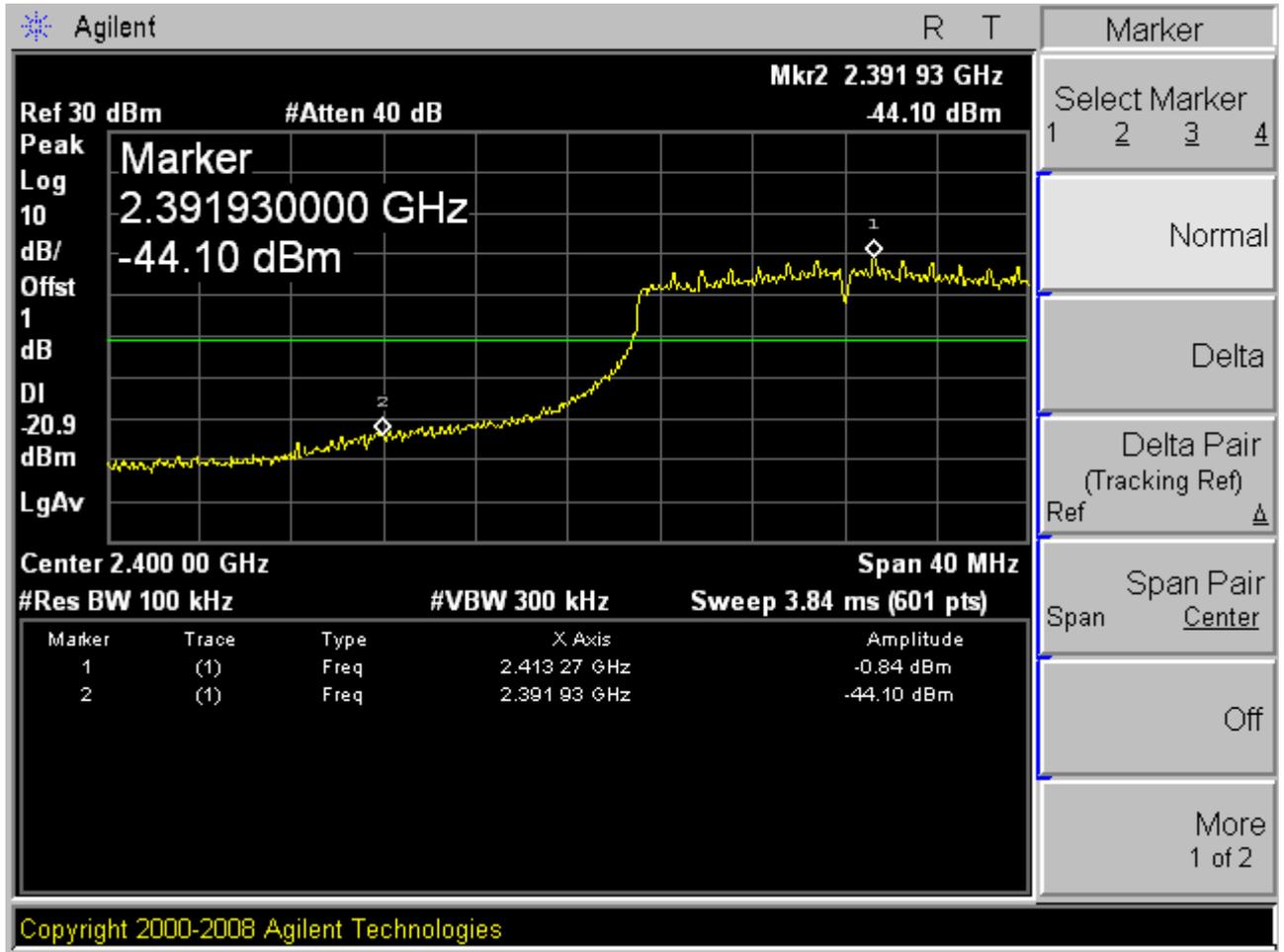
High edge





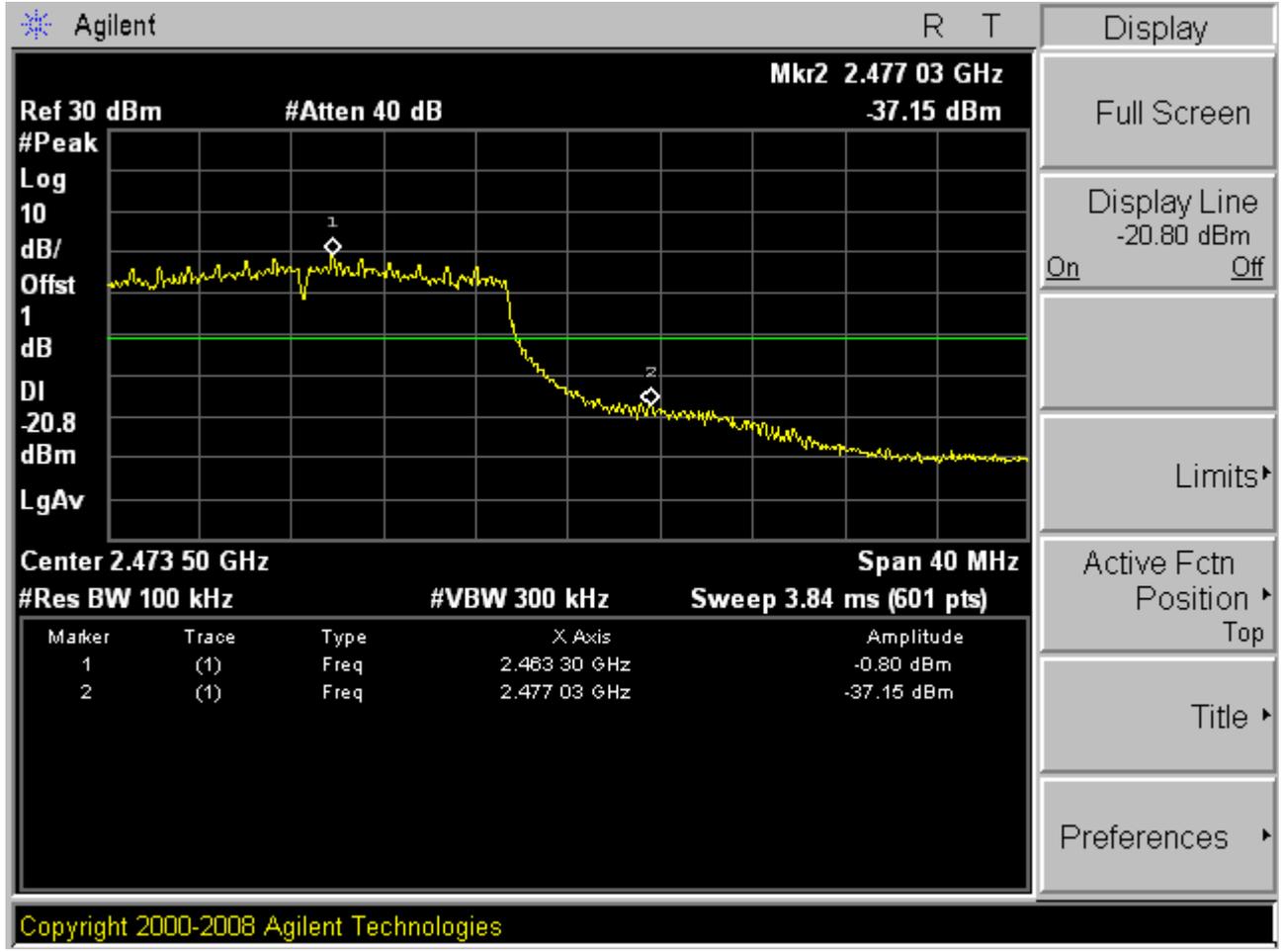
TM1

Low edge





High edge





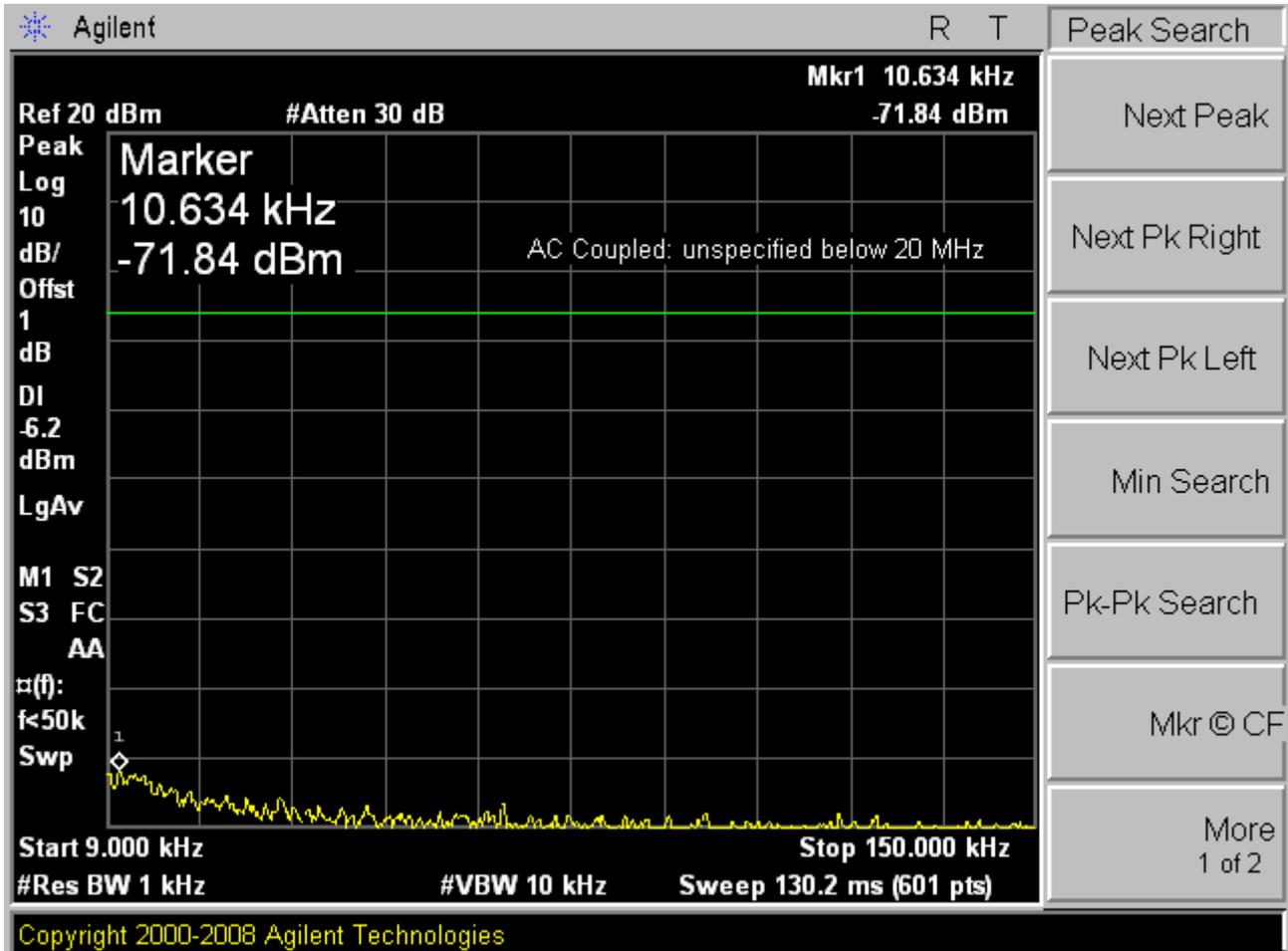
Appendix D

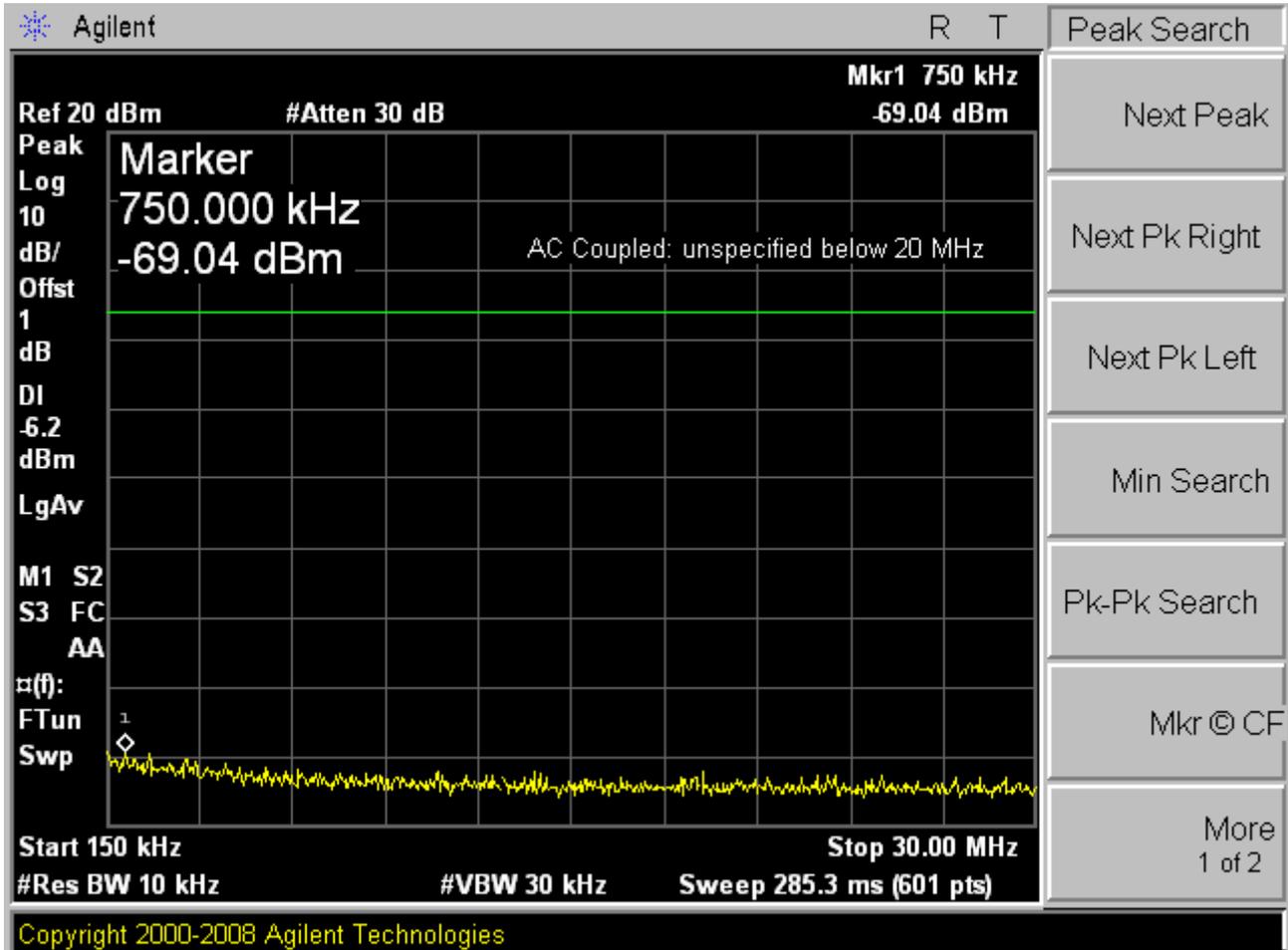
Conducted RF spurious

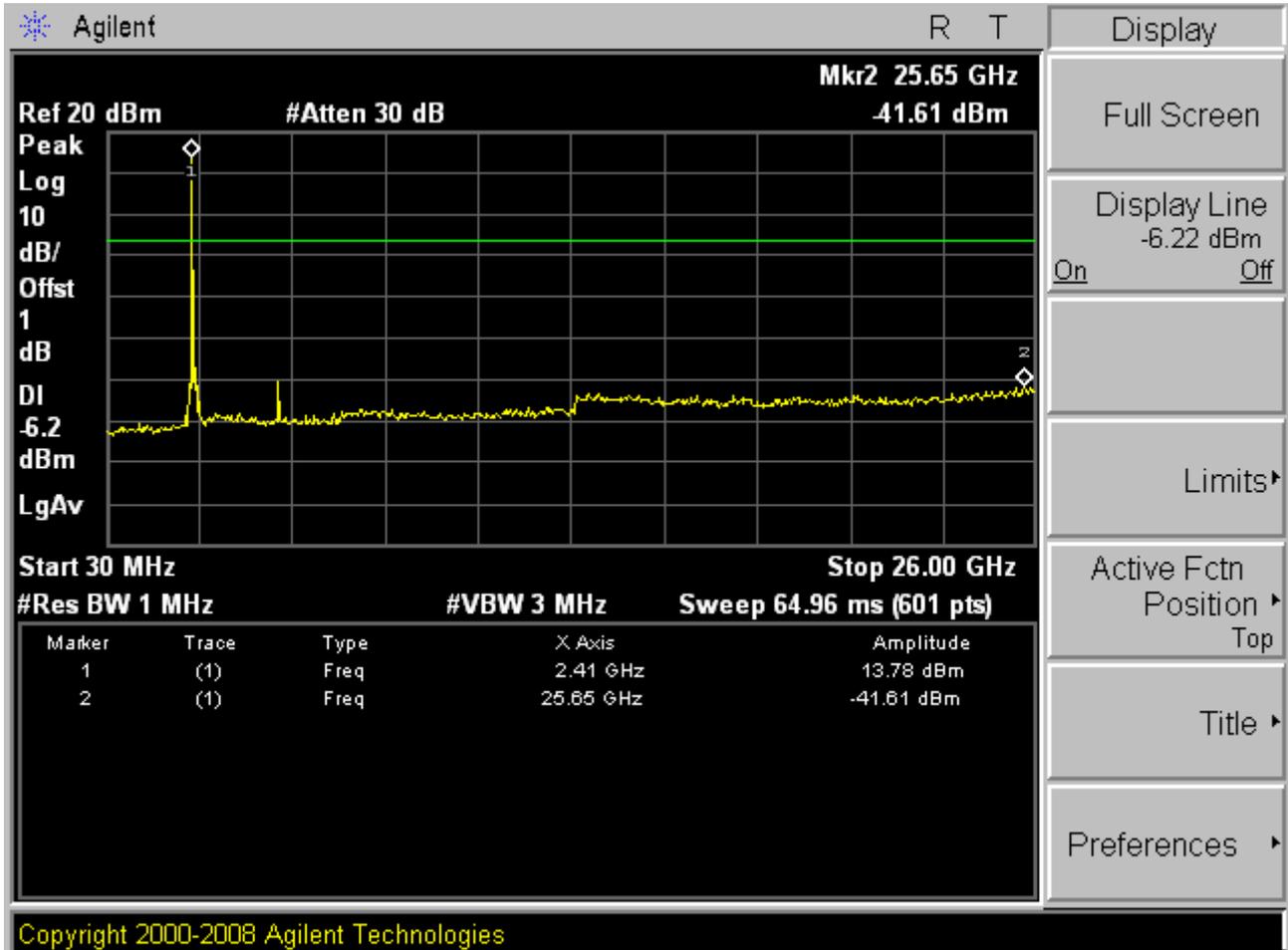
According to FCC Part 15.247 (d)



TM1 Channel 1

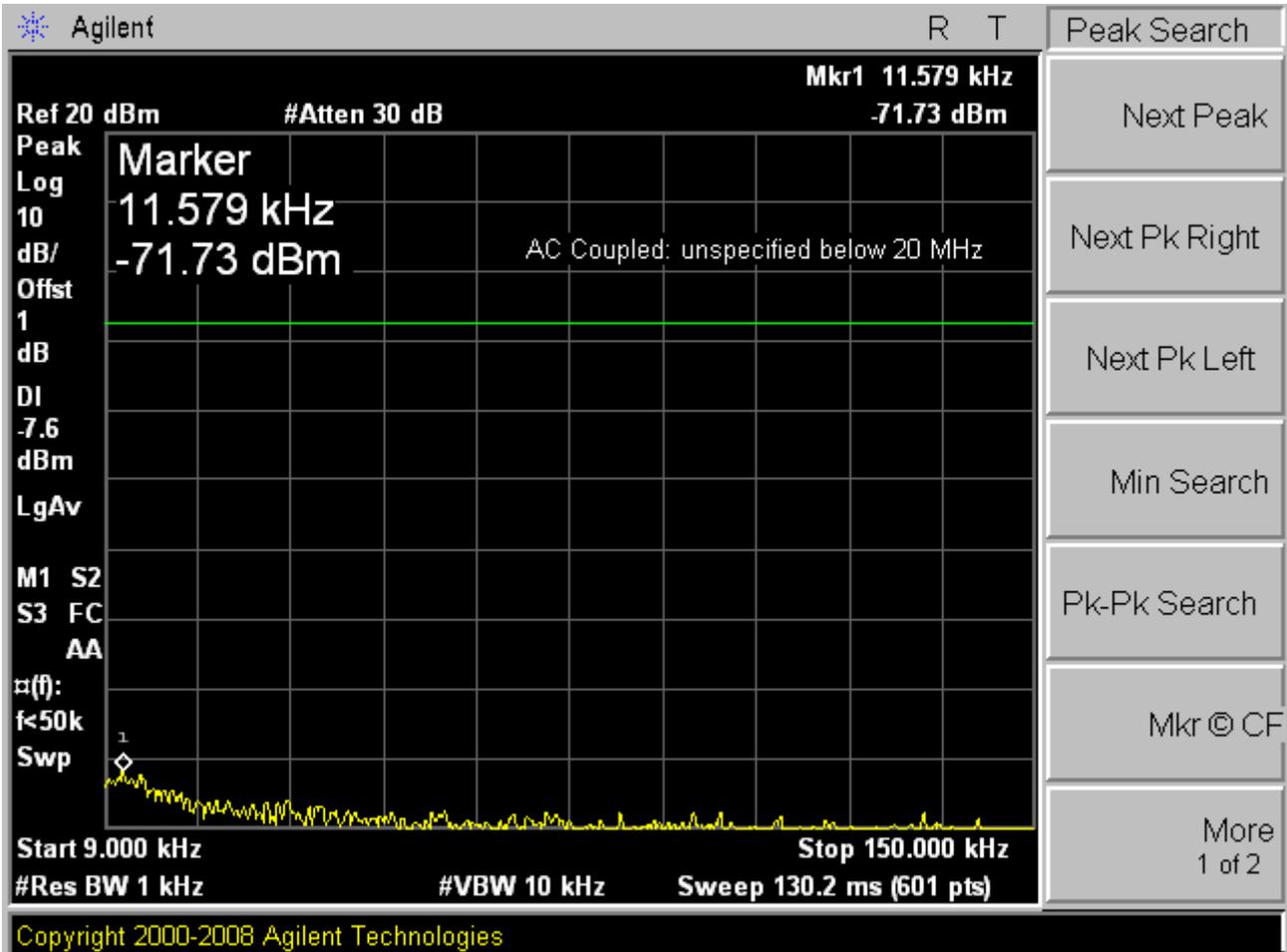


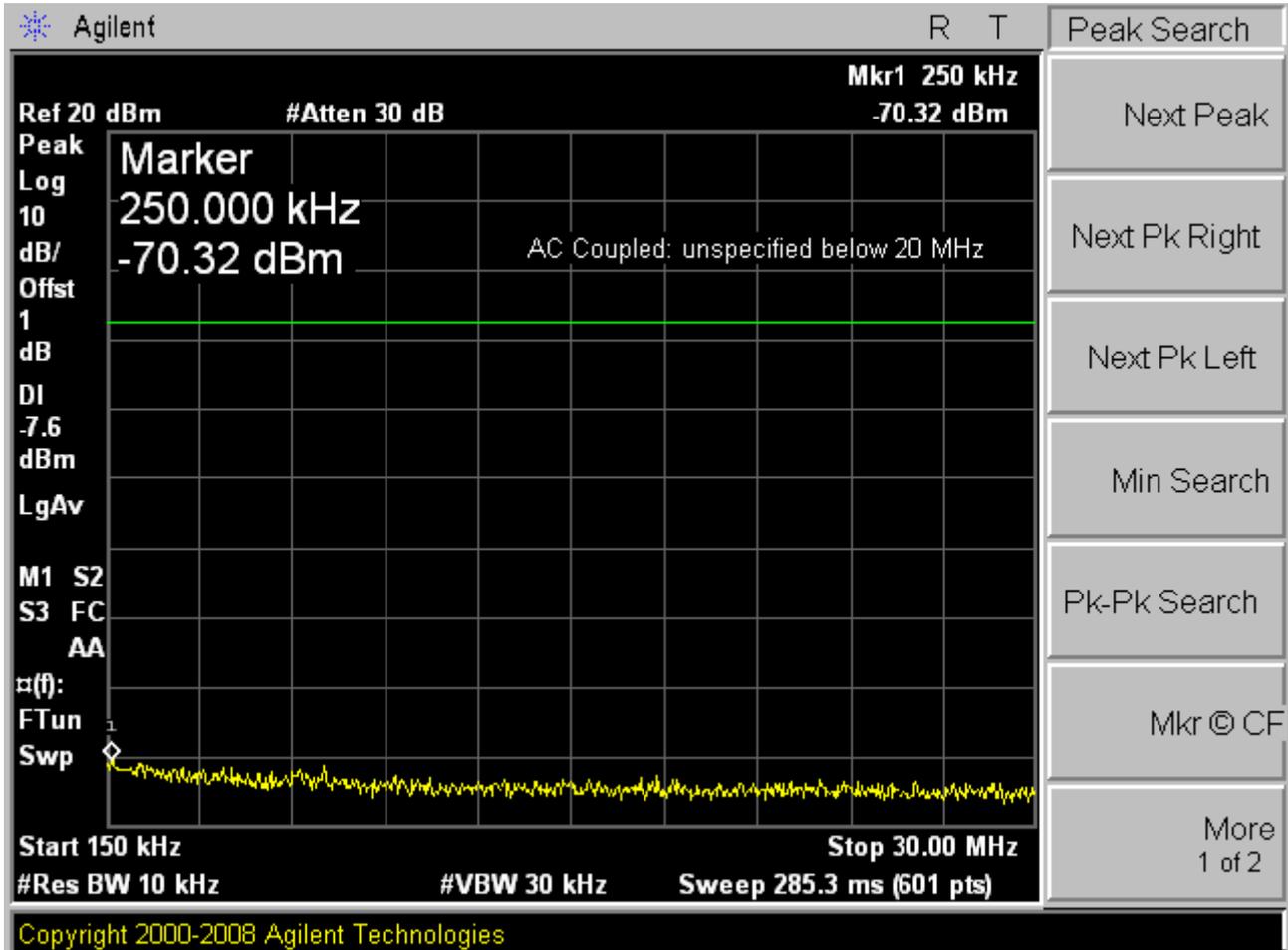


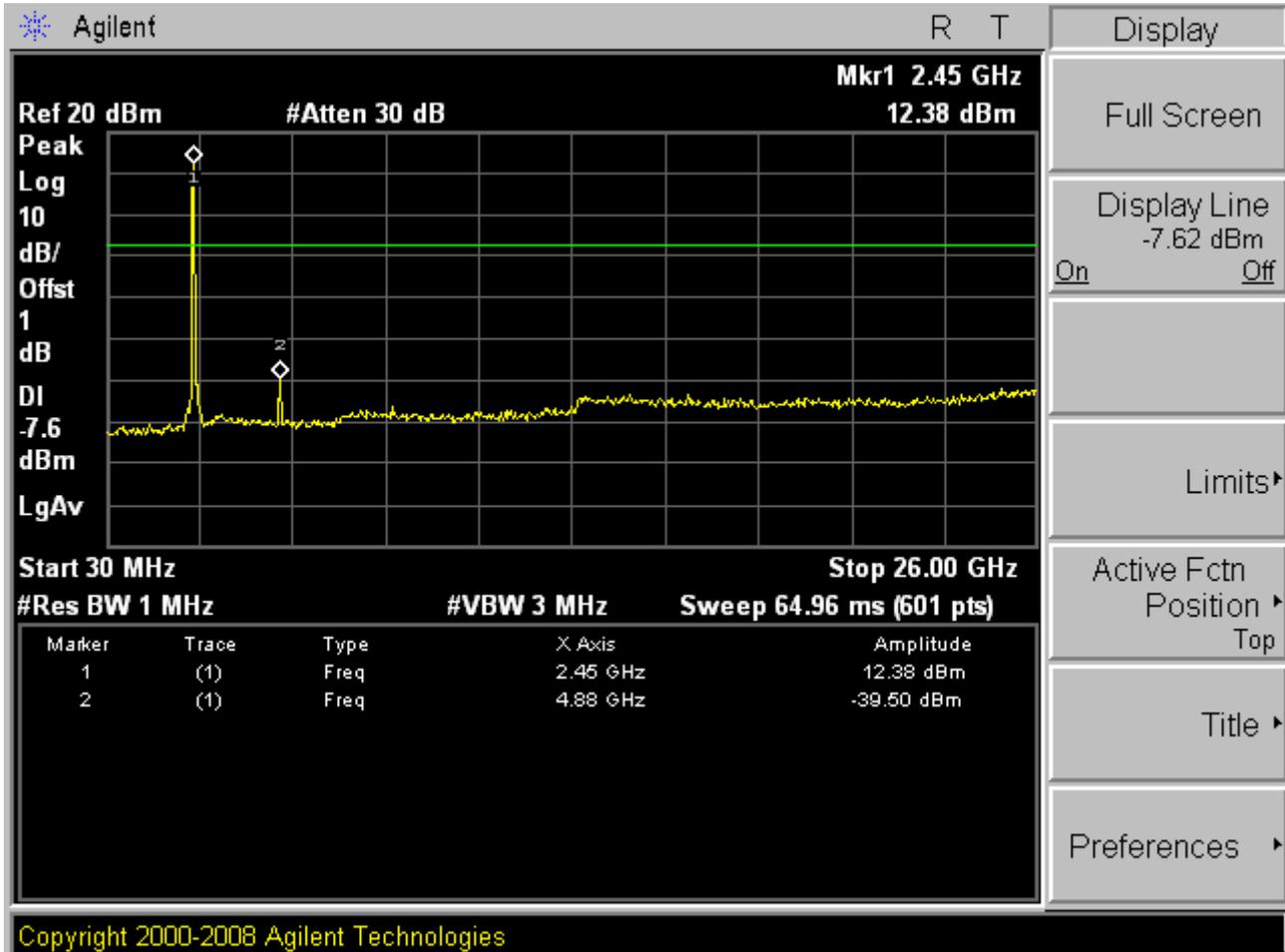




Channel 6

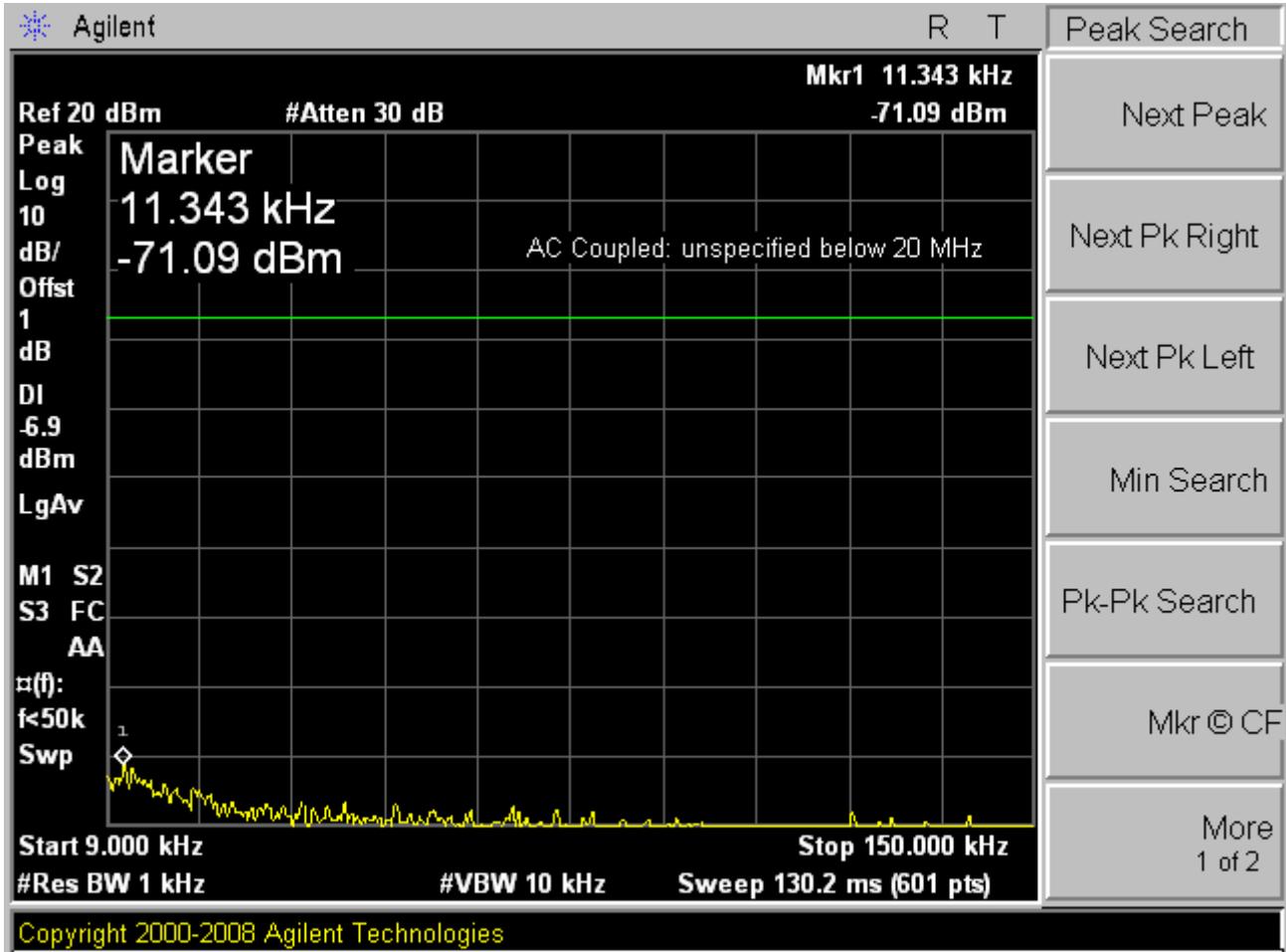


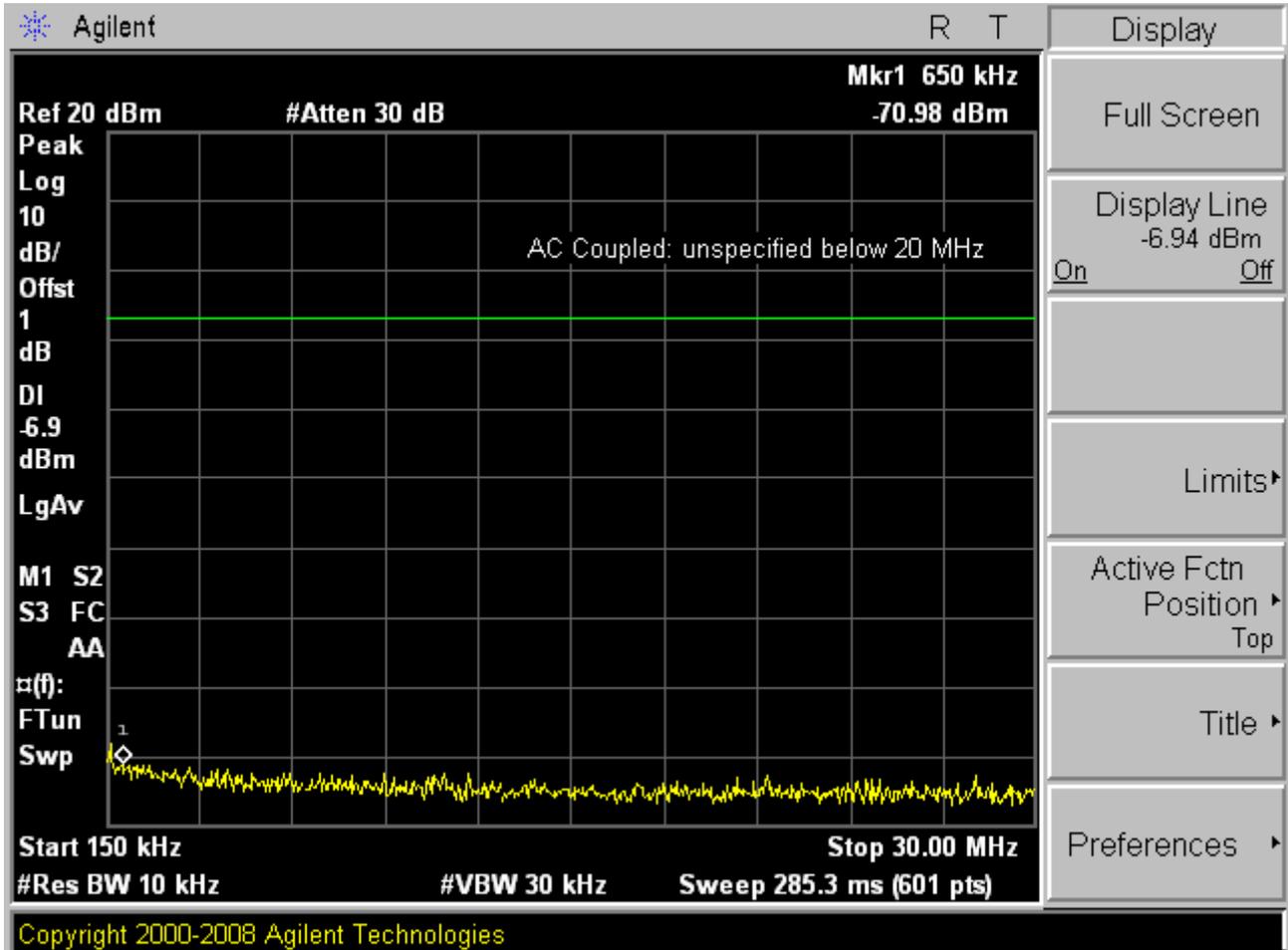


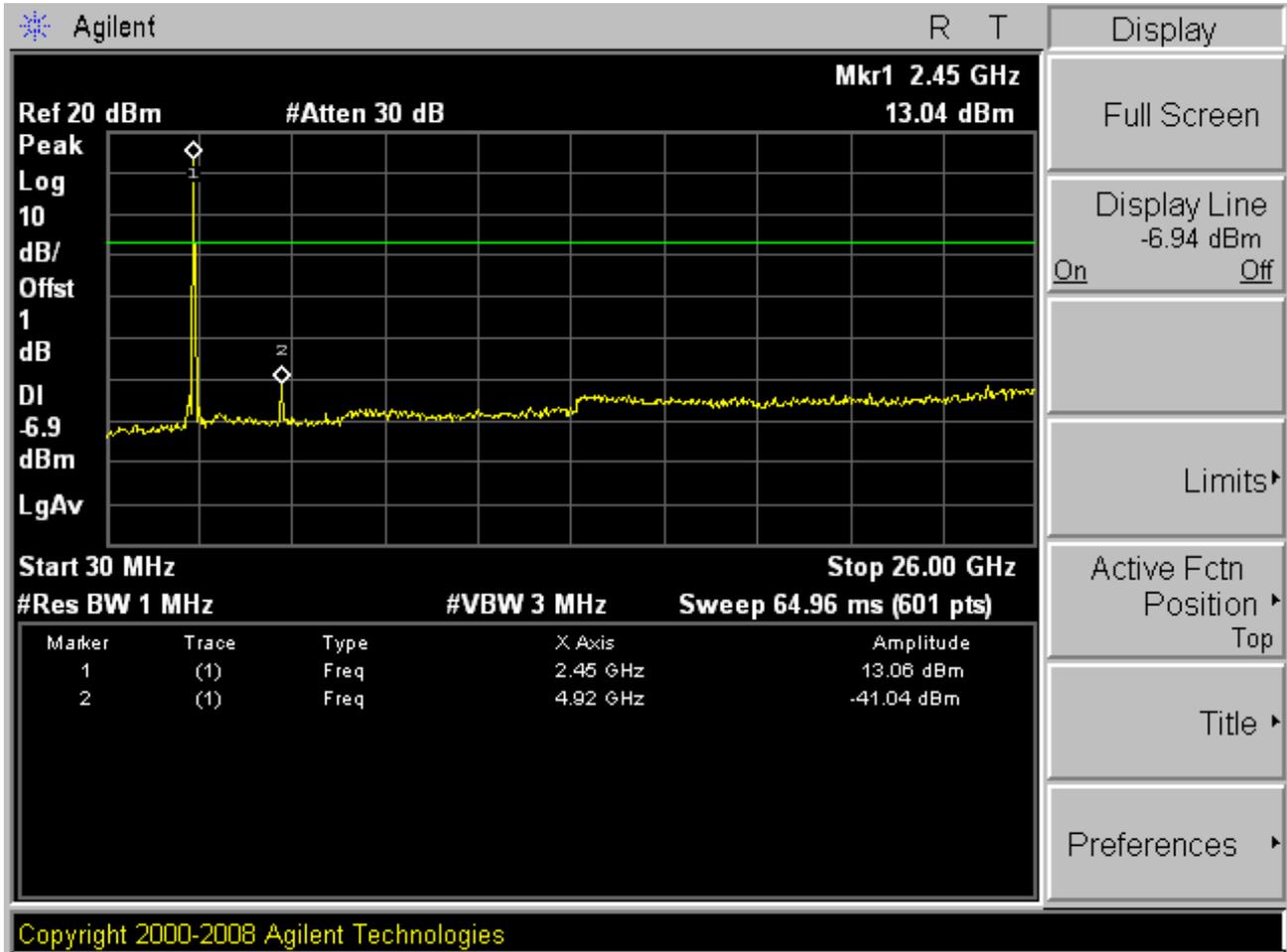




Channel 11

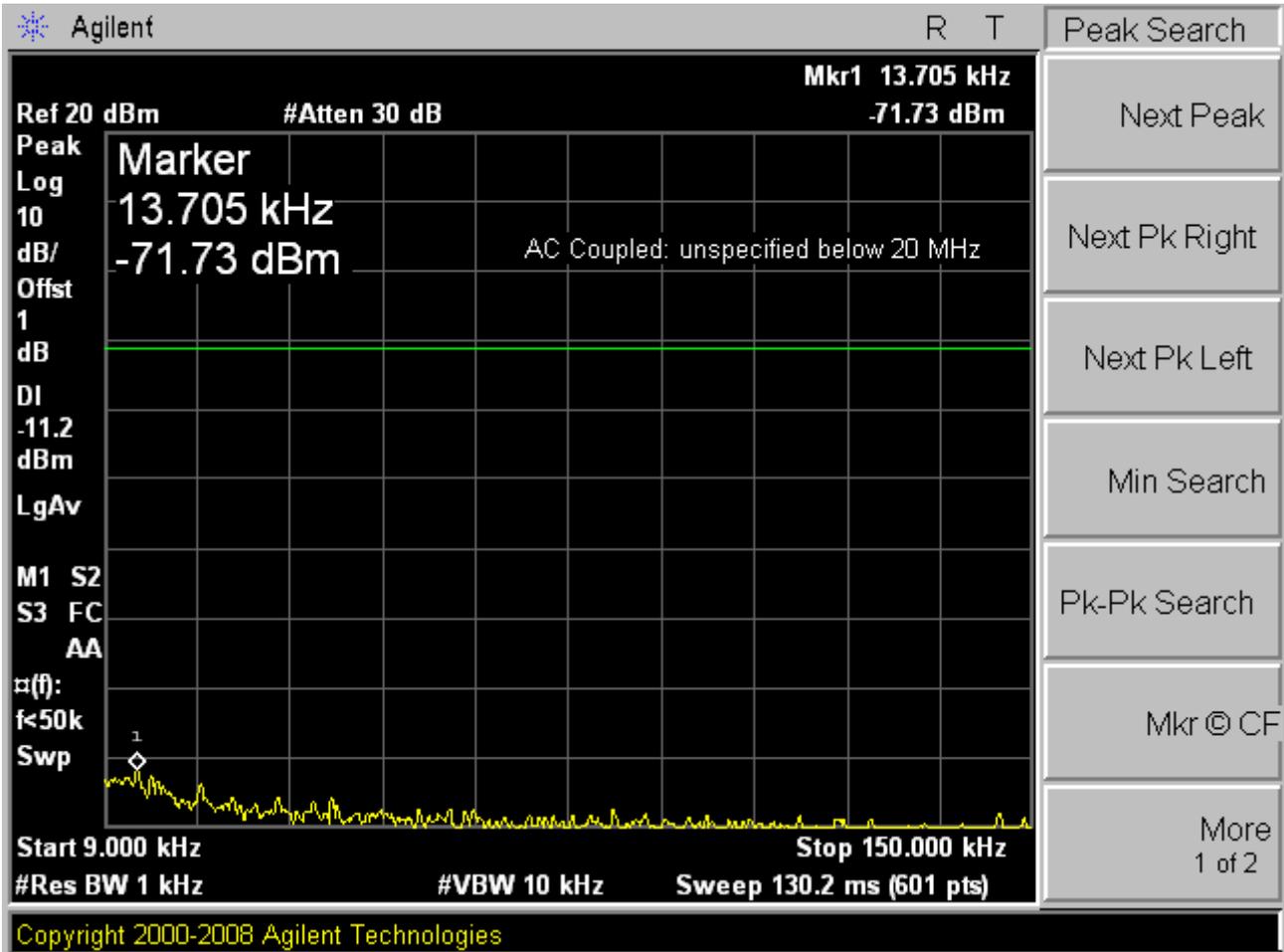


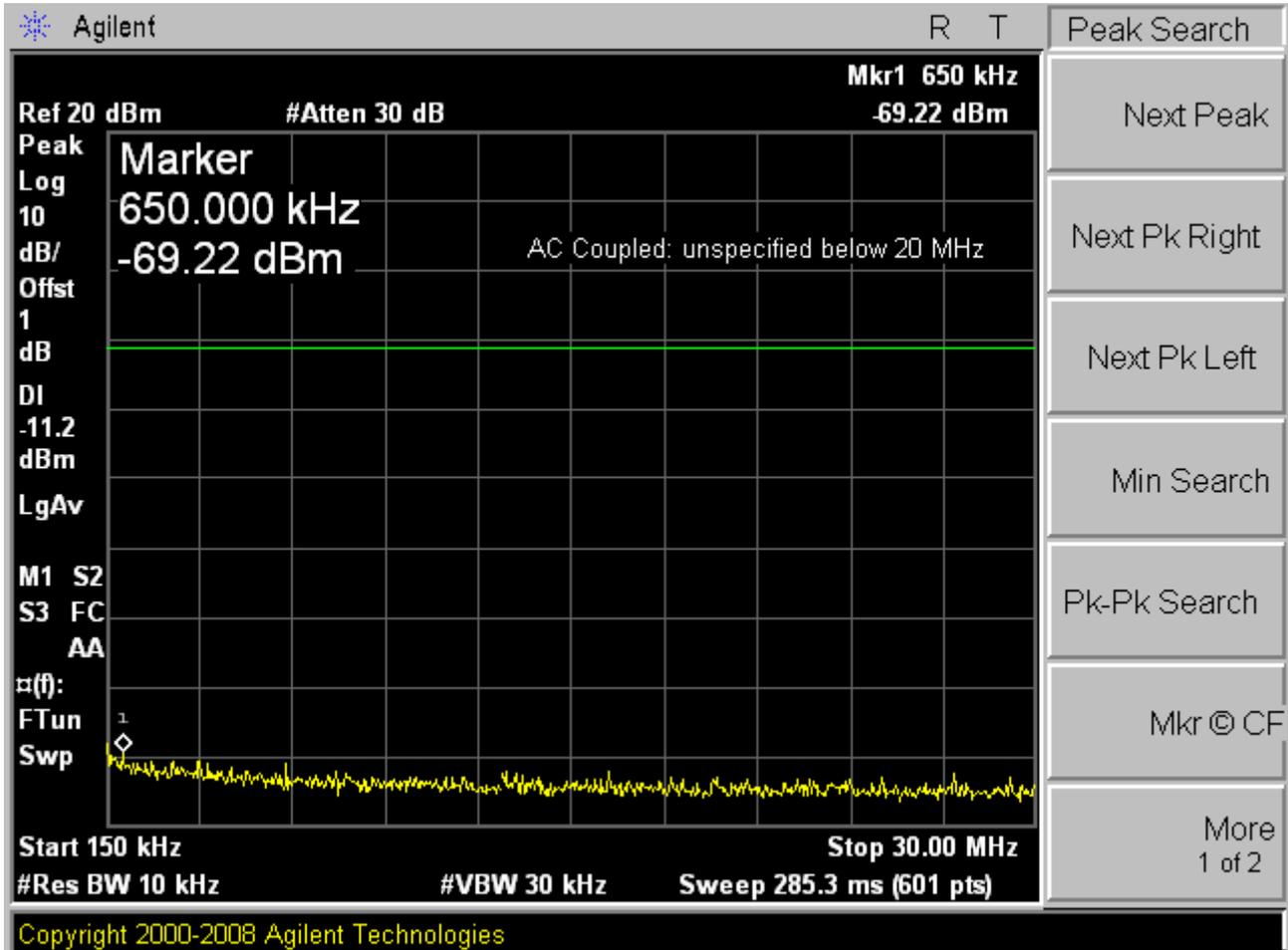


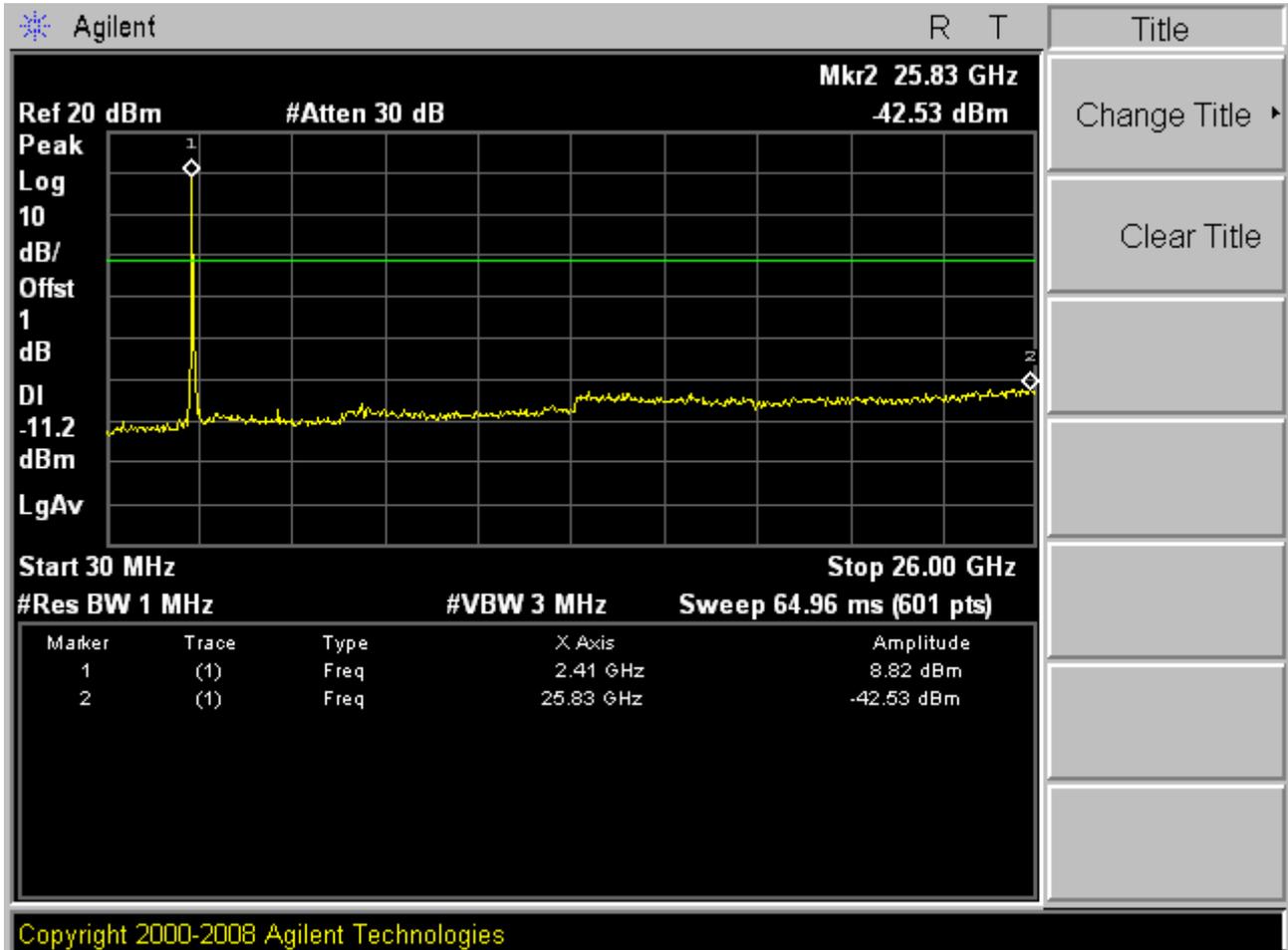




TM2 Channel 1

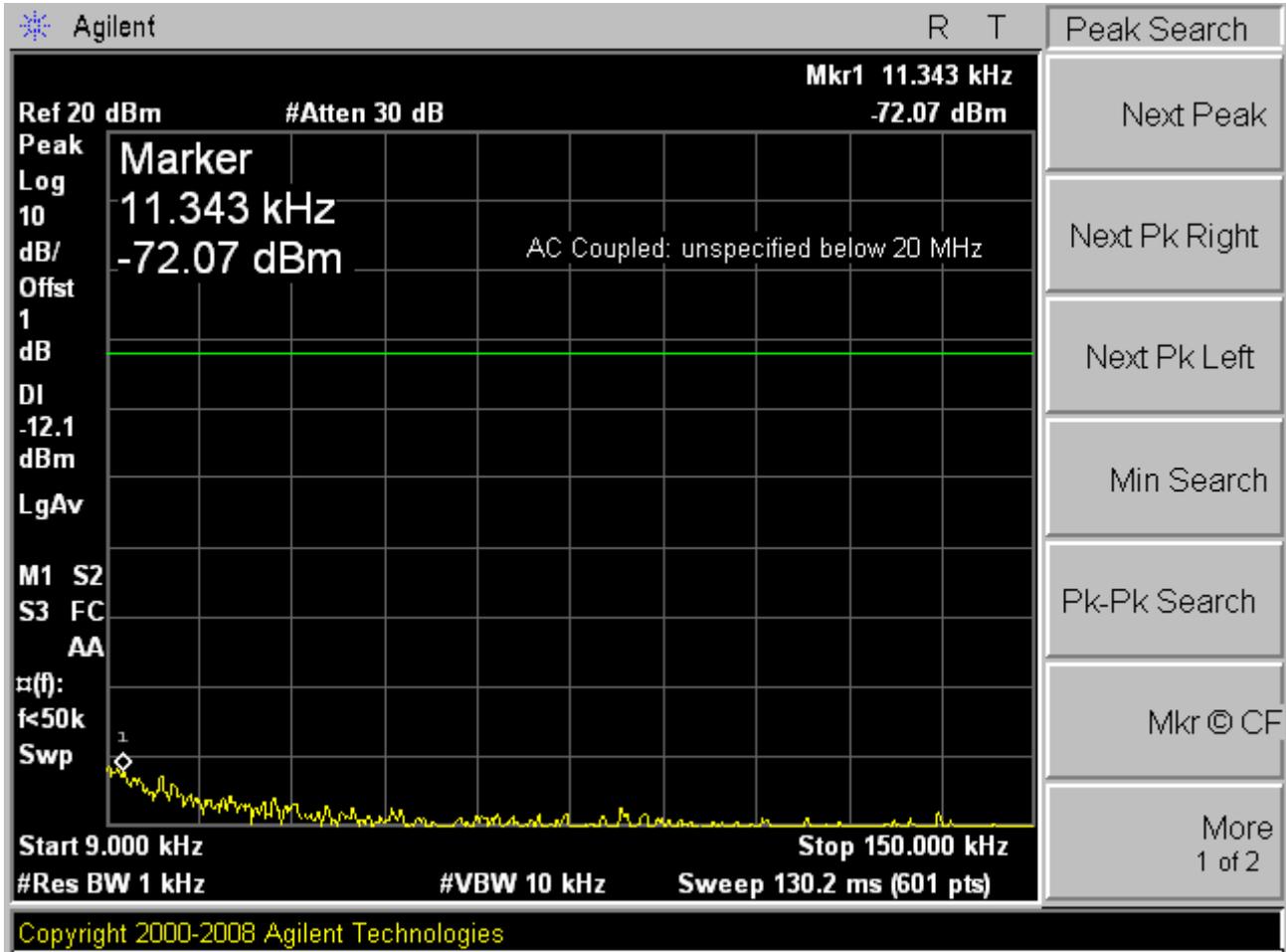


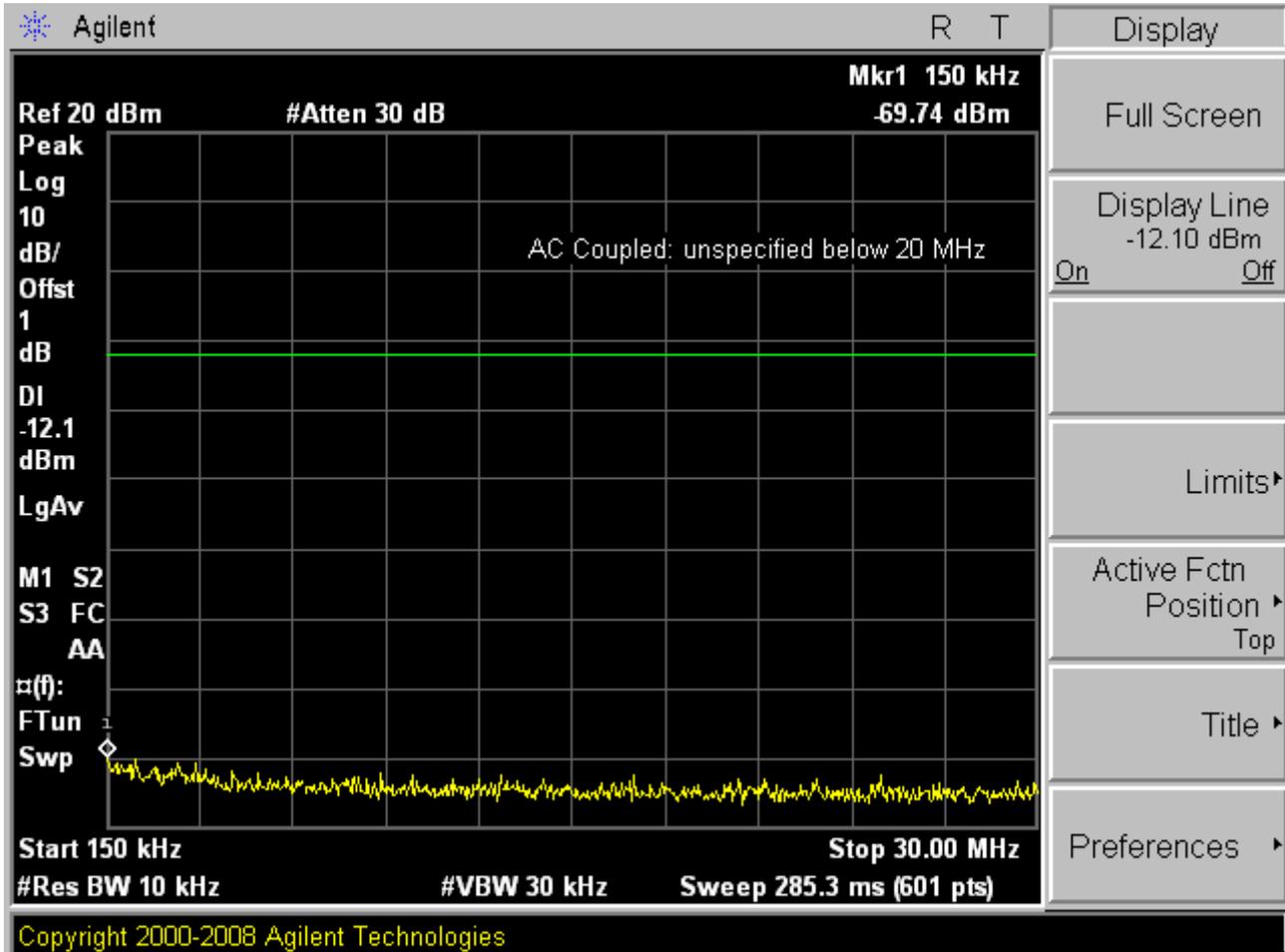


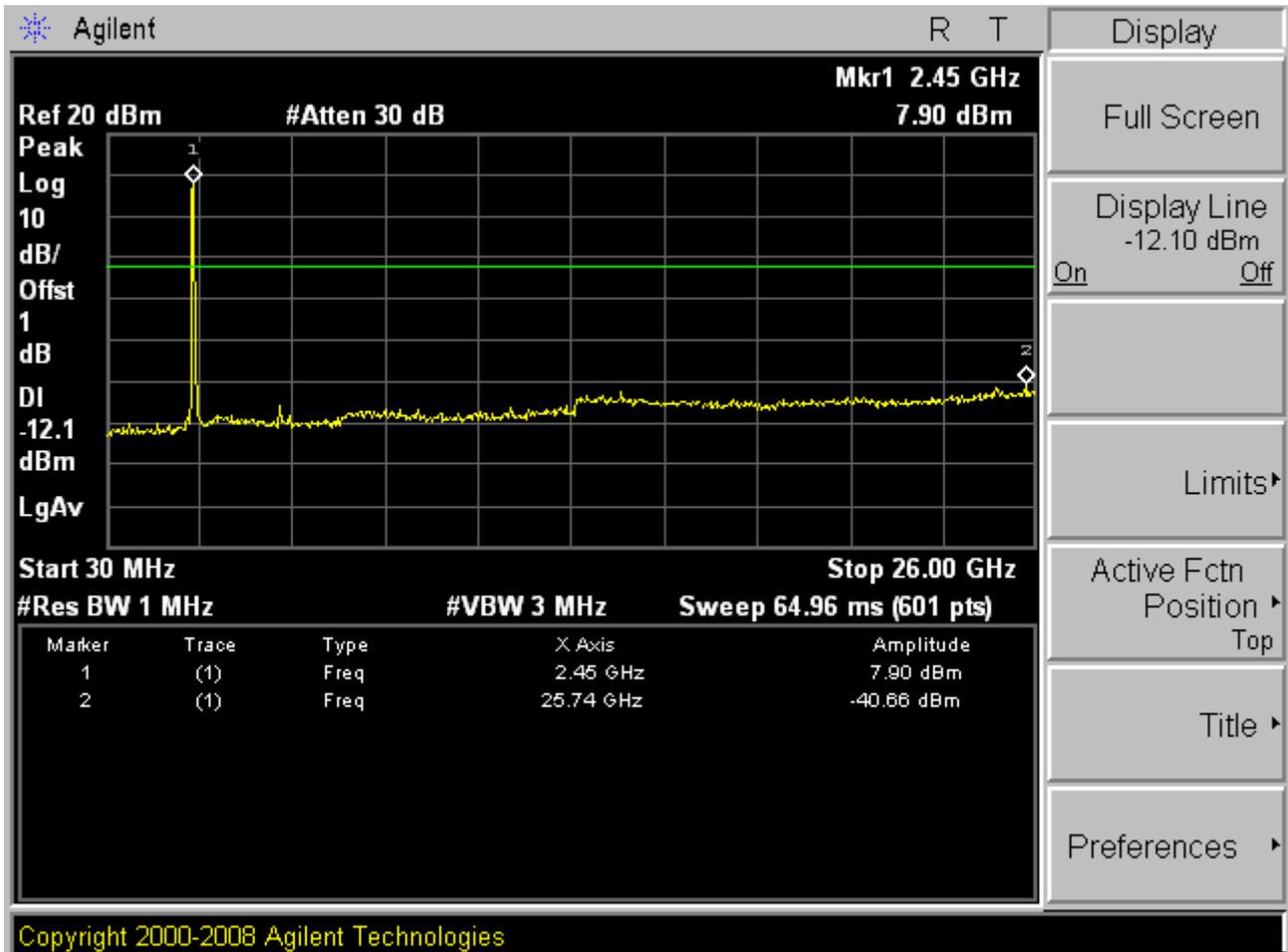




Channel 6

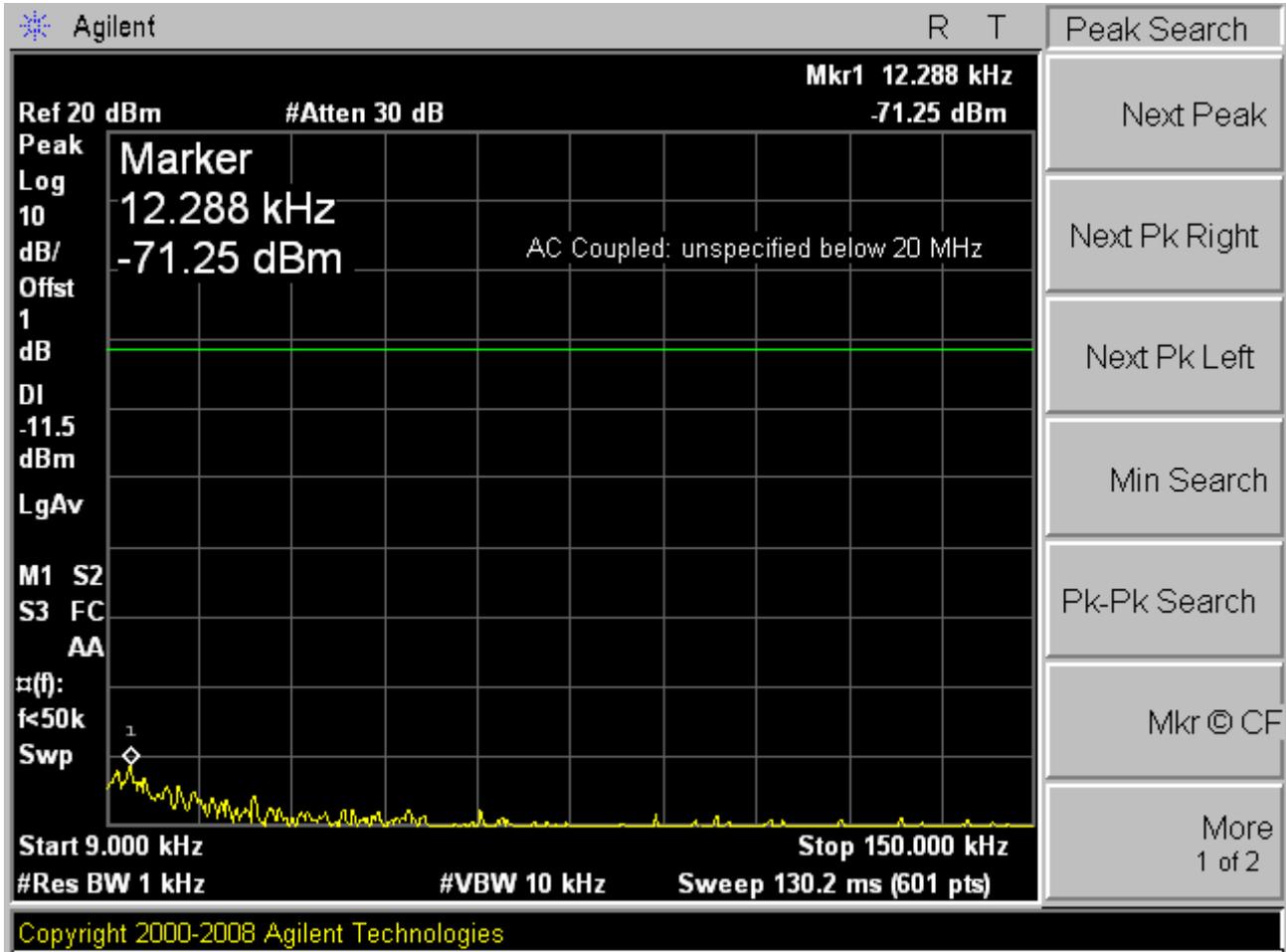


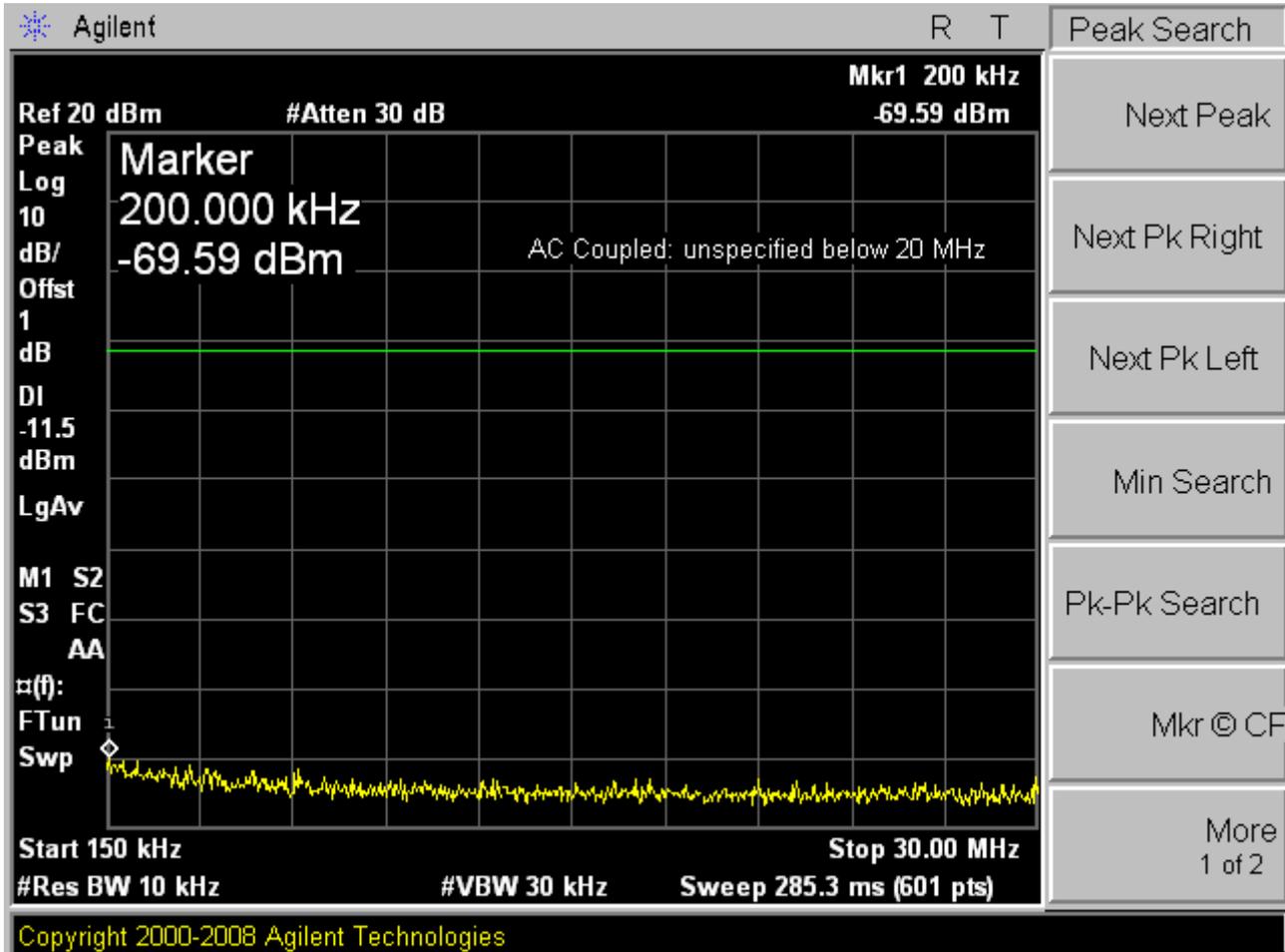


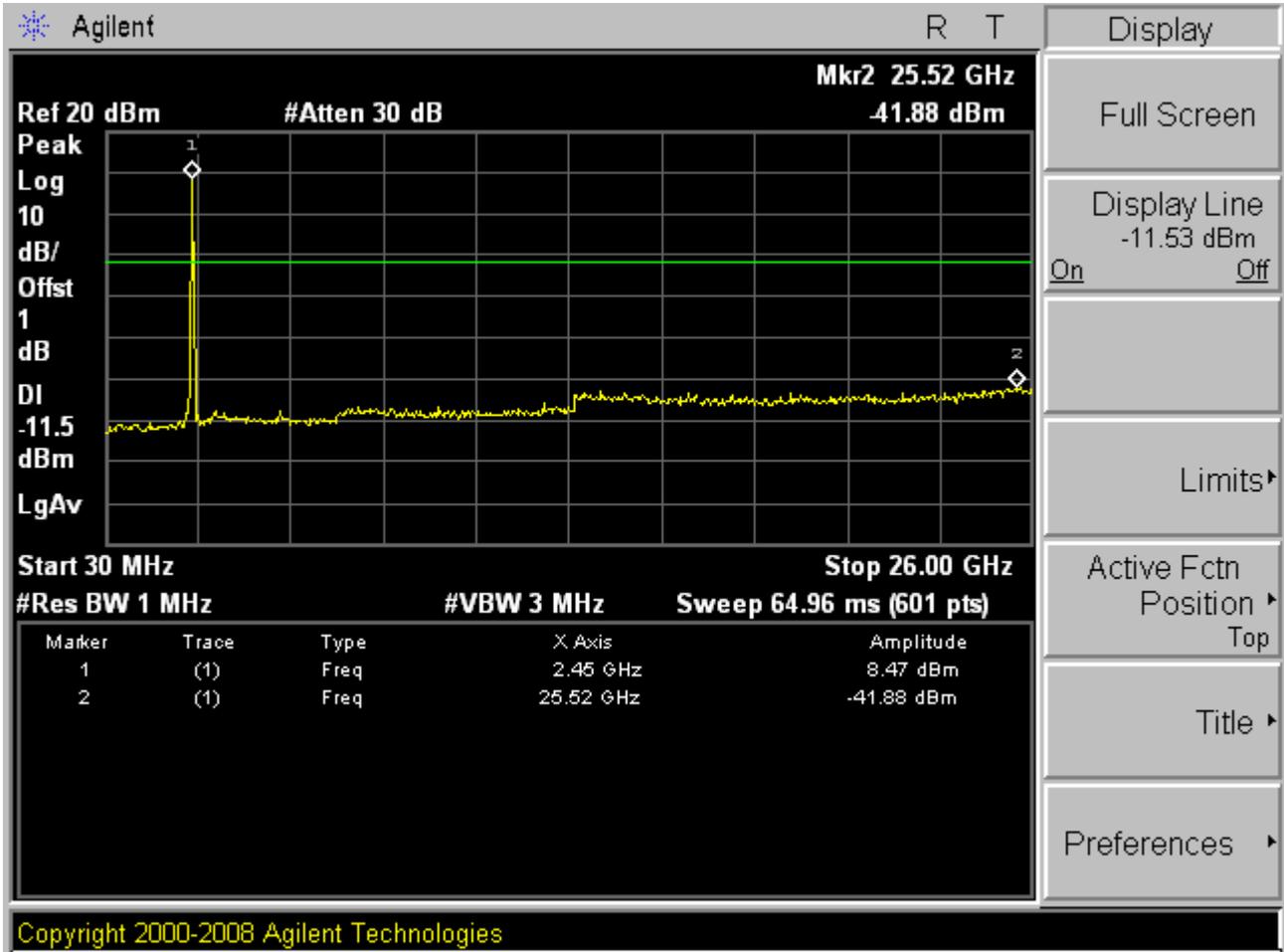




Channel 11

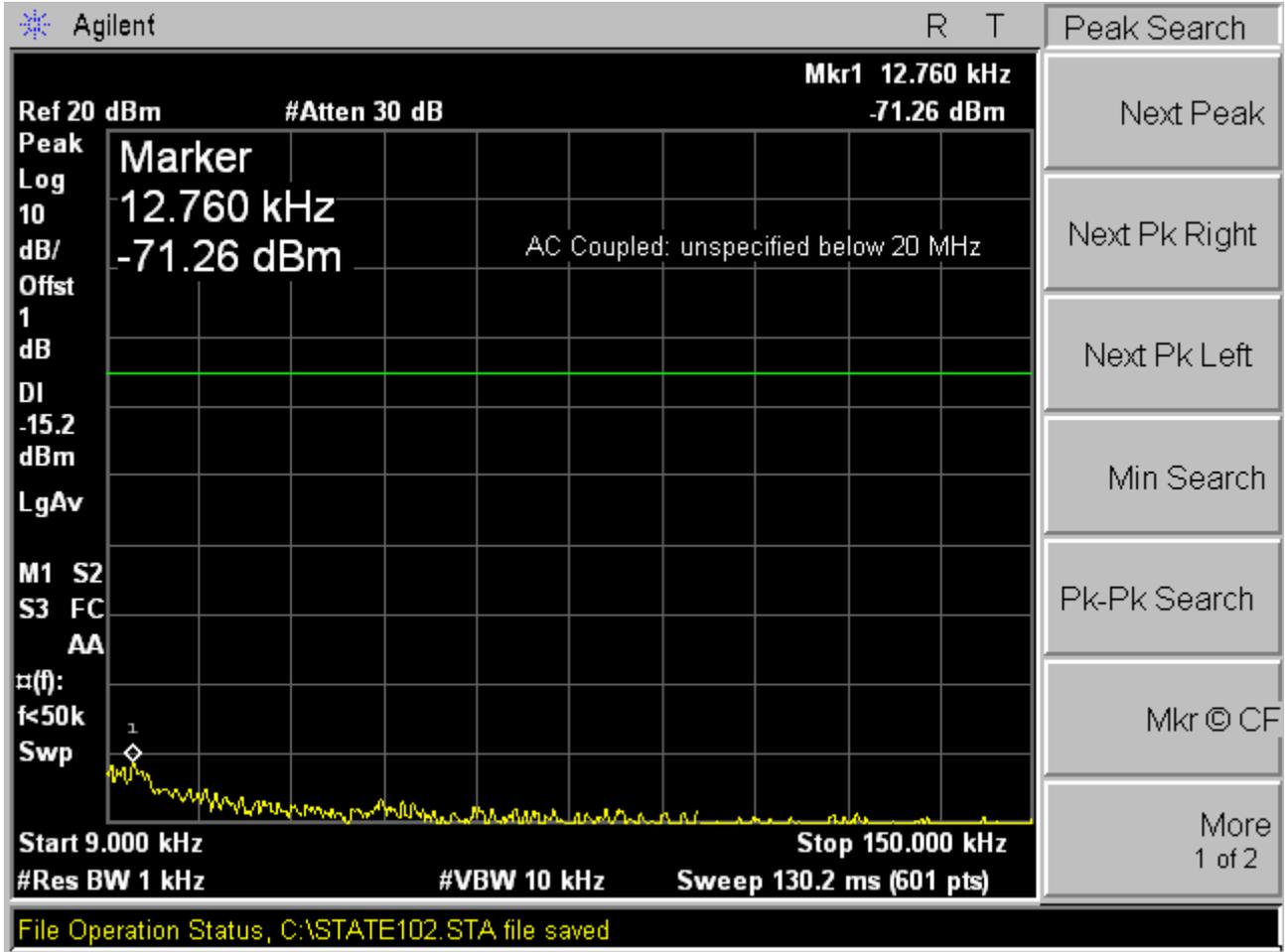


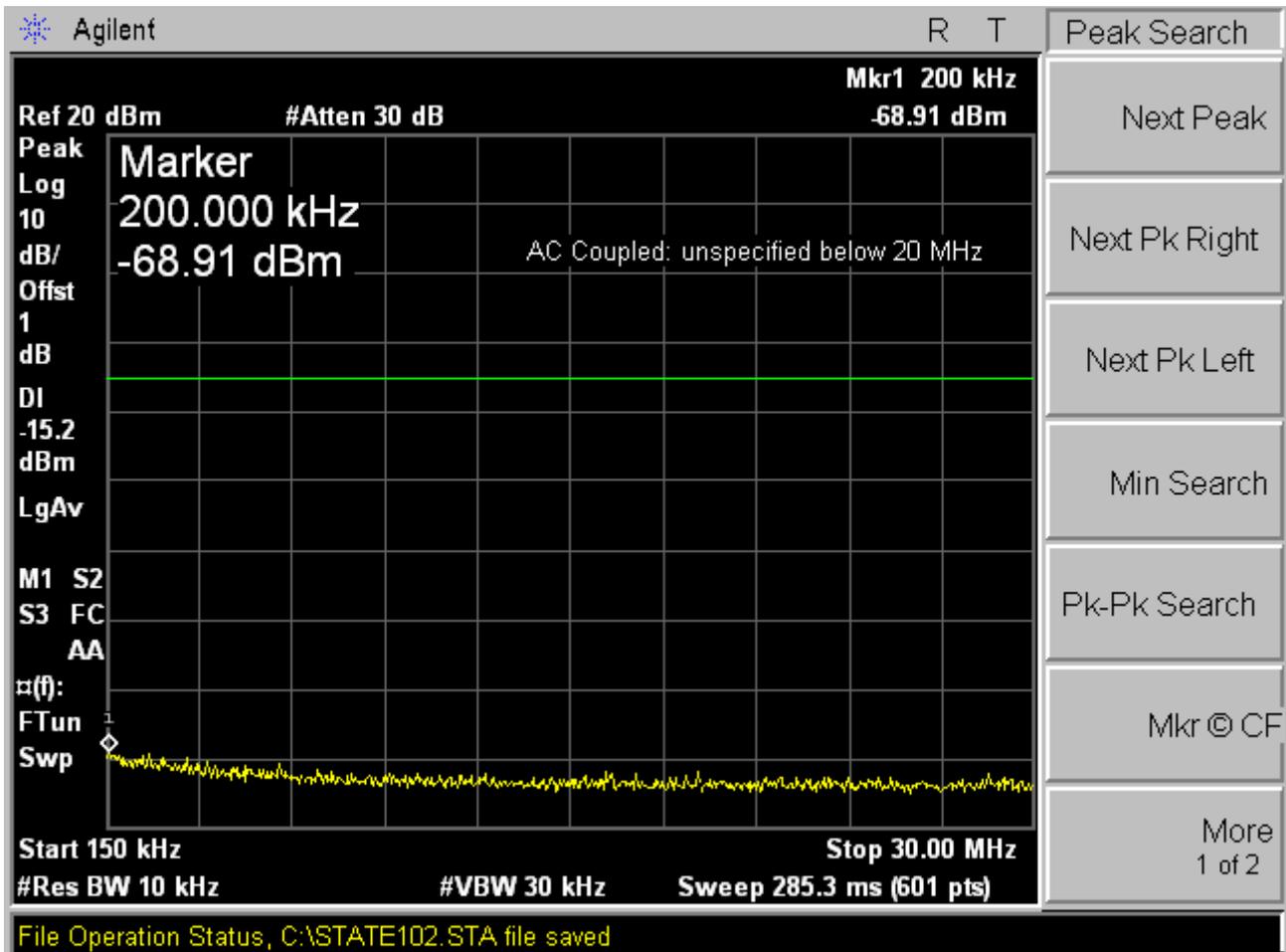


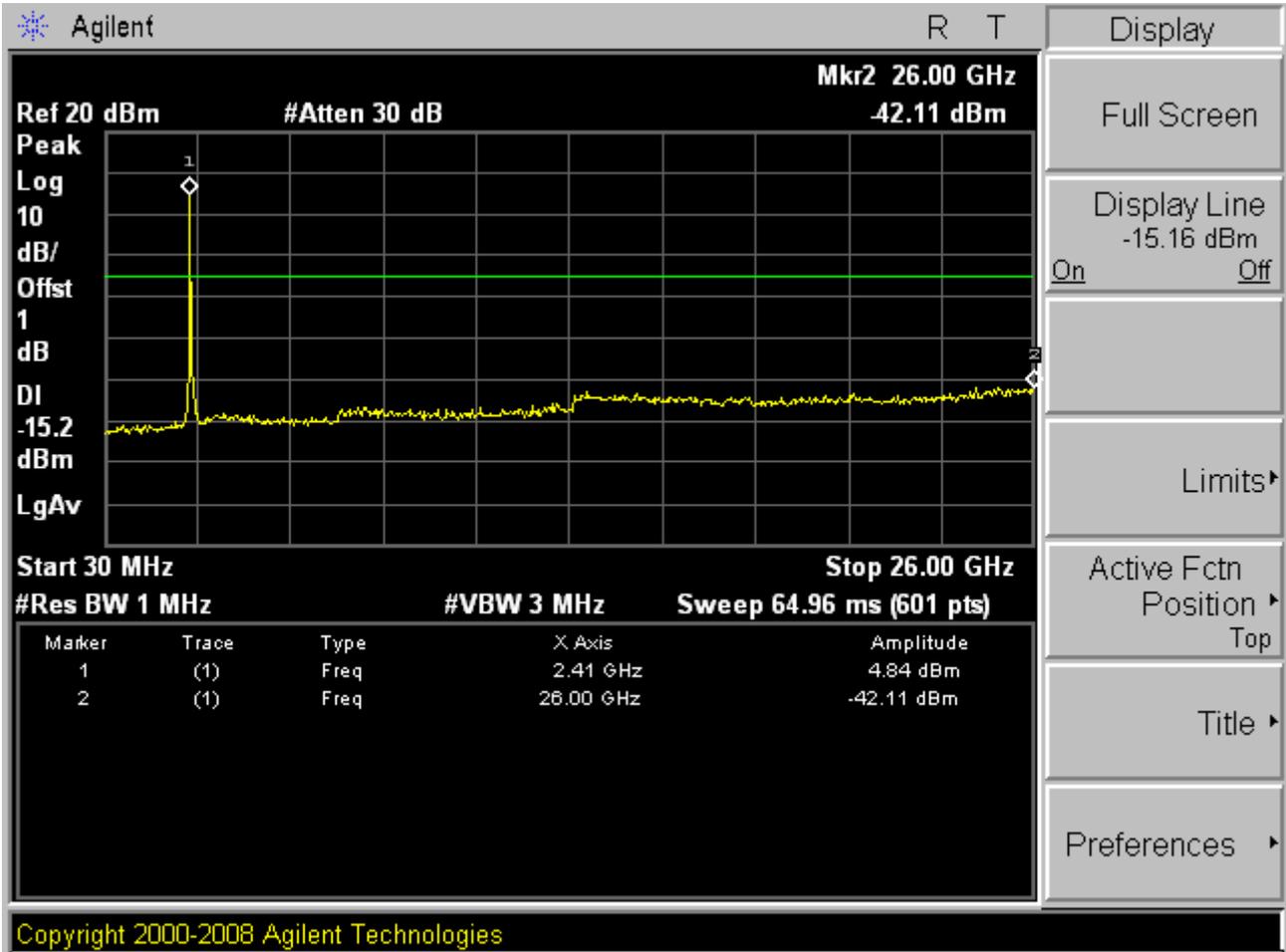




TM3 Channel 1

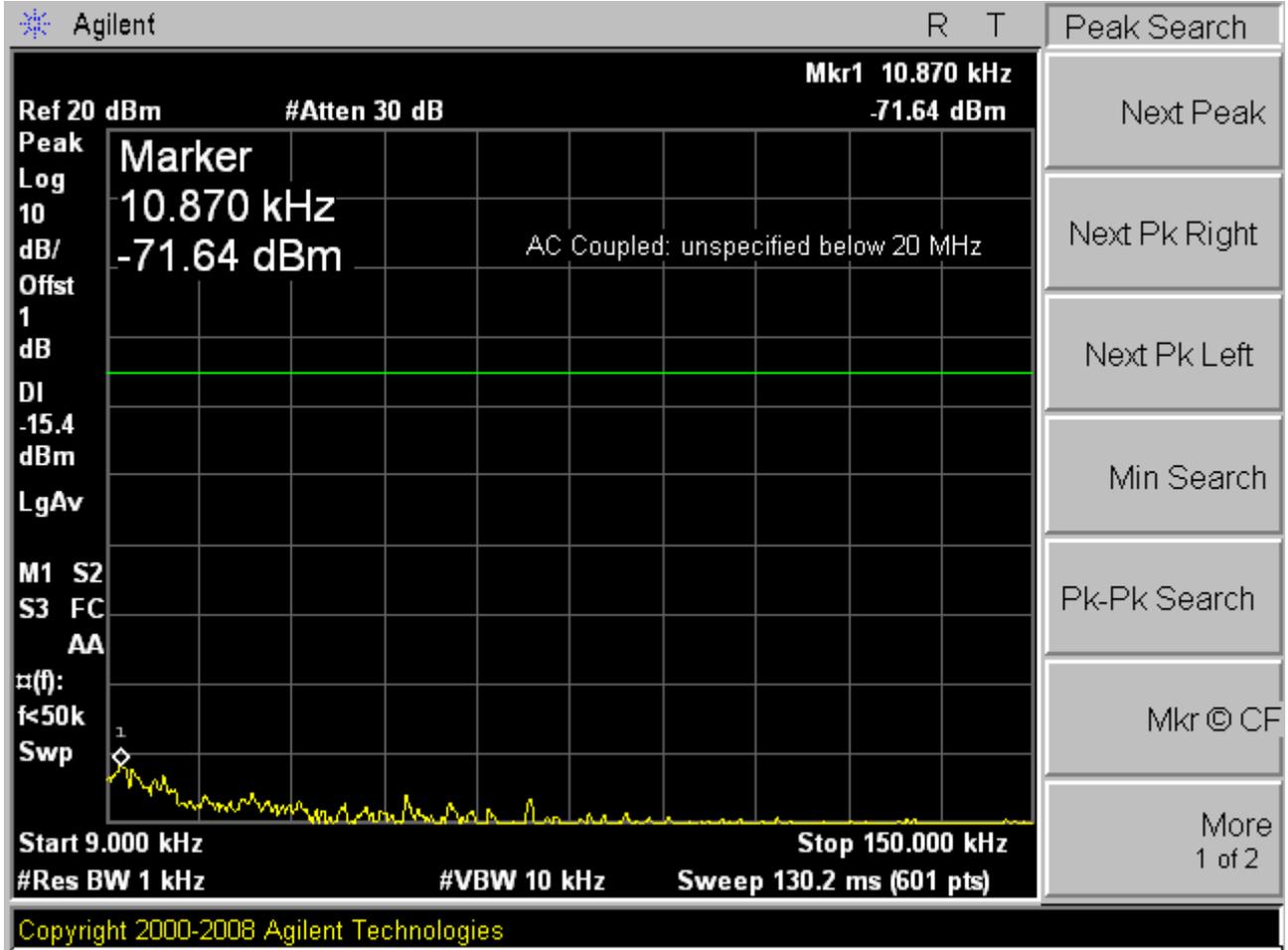


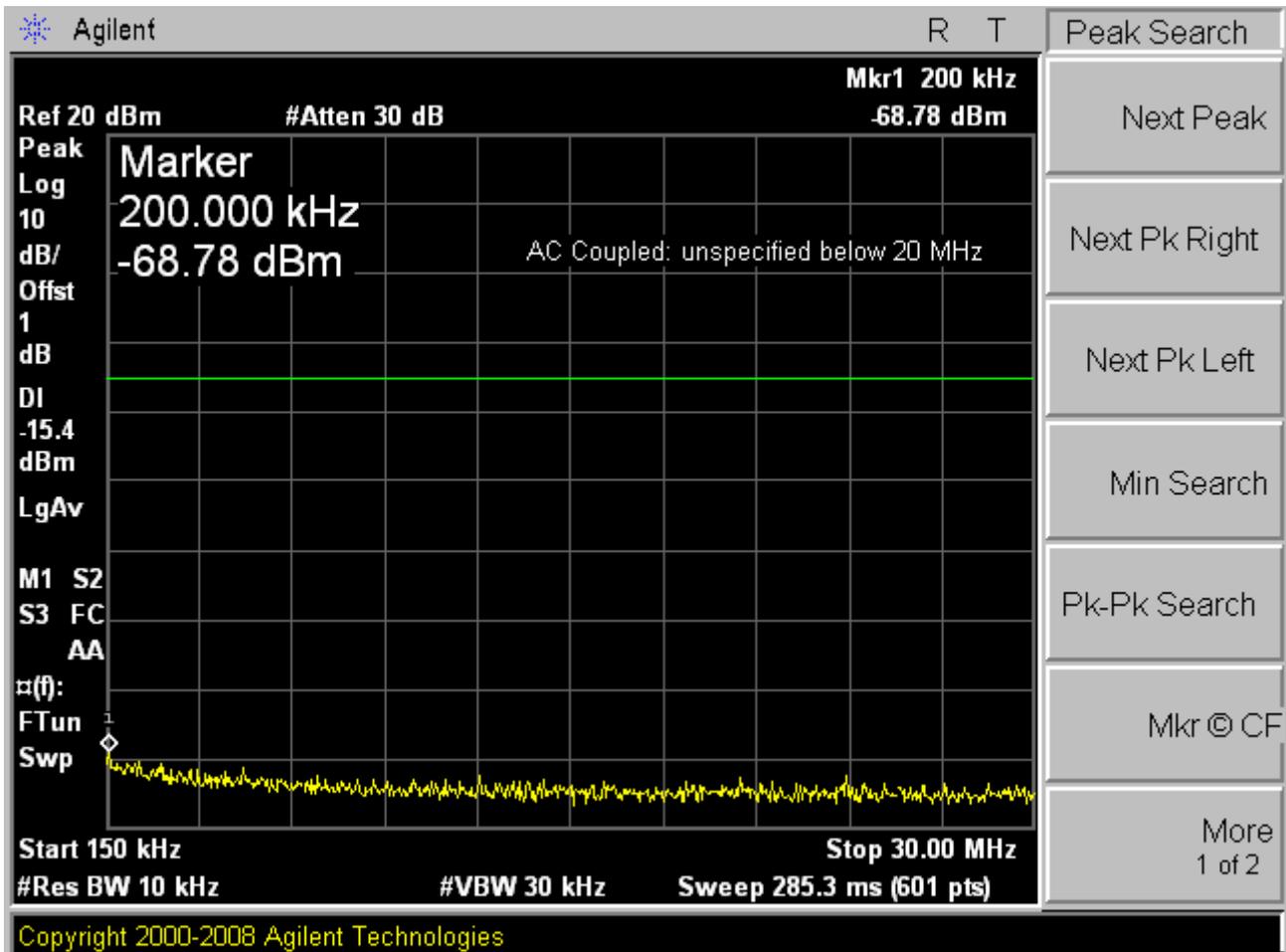


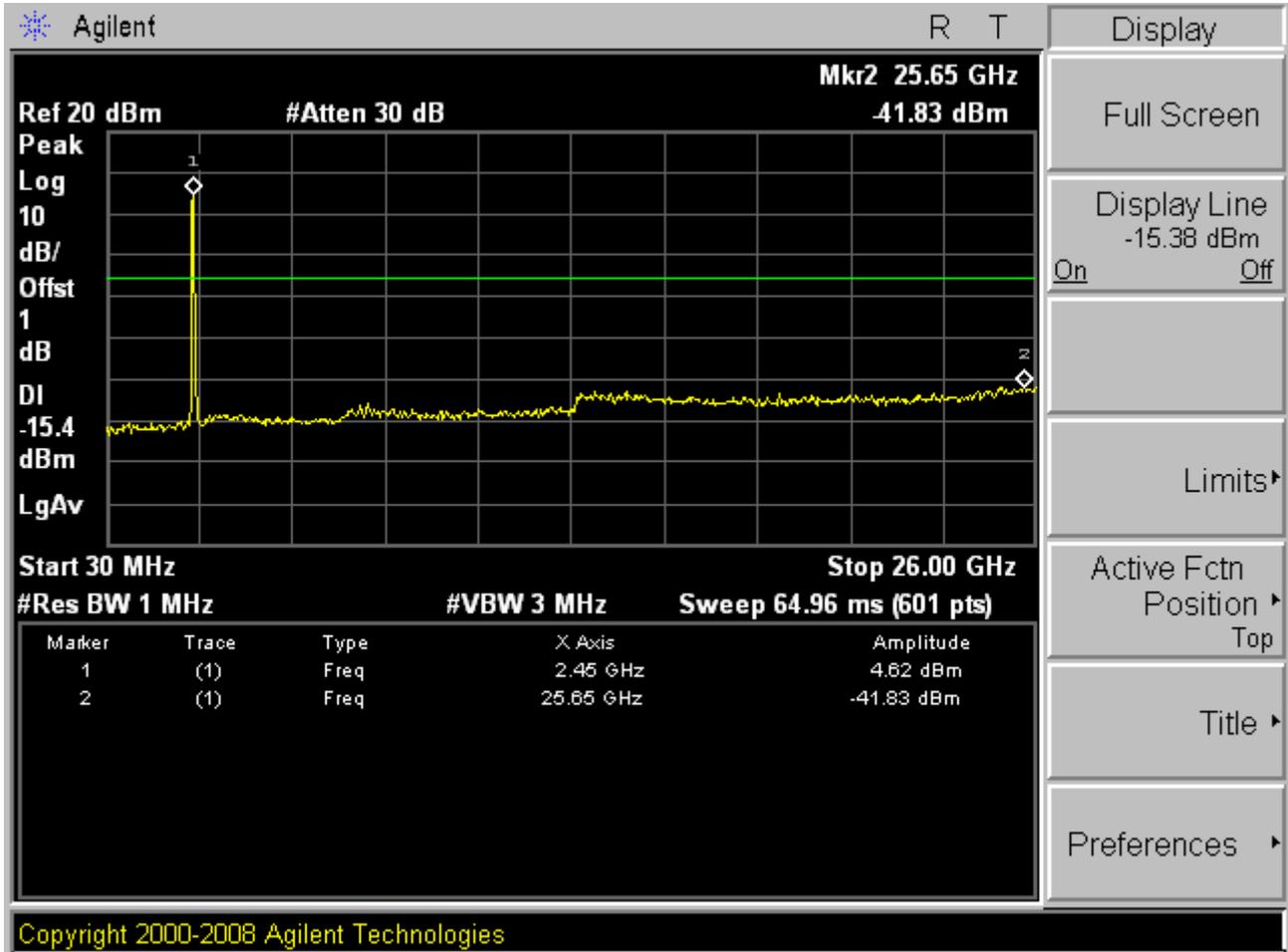


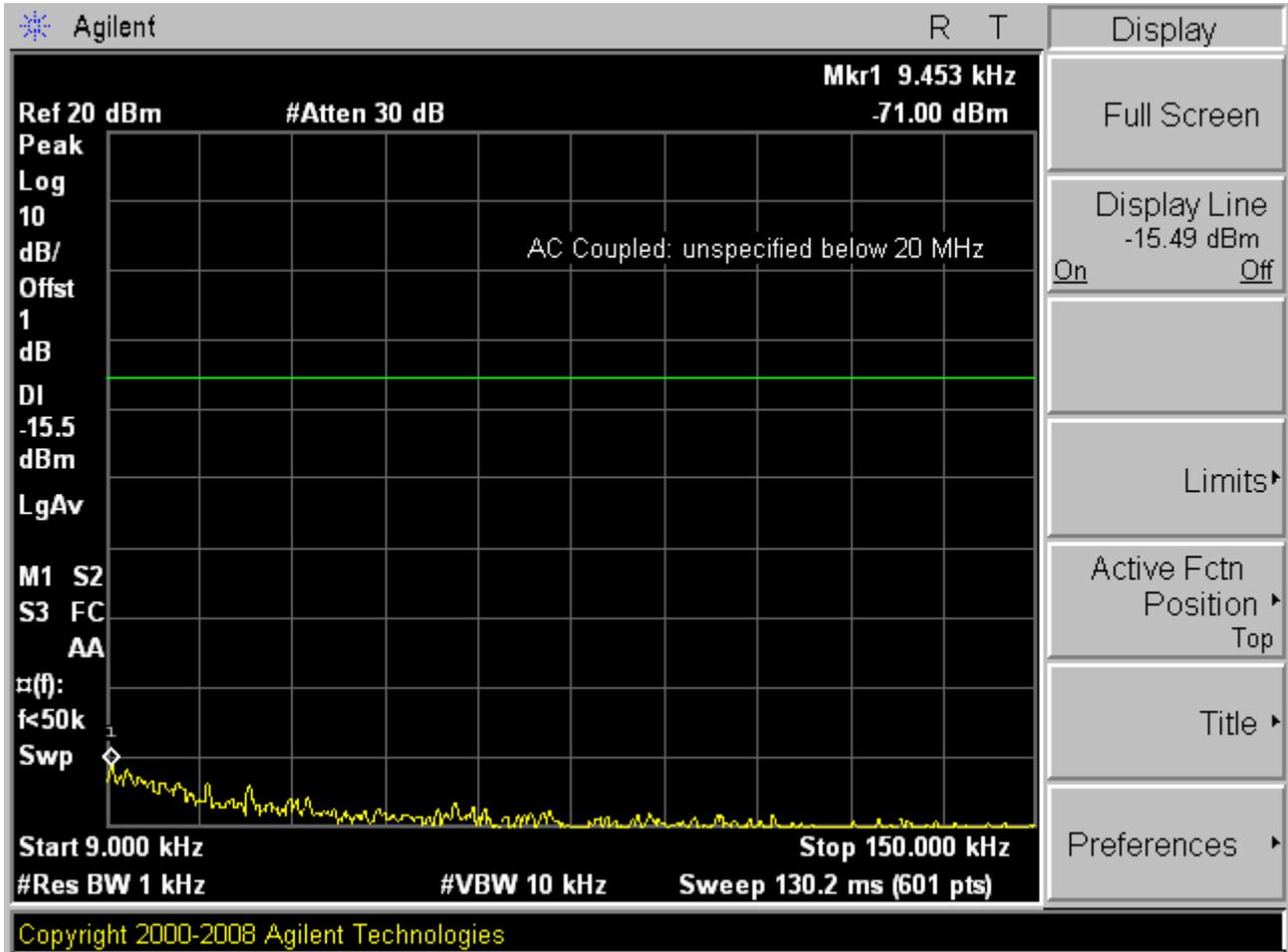


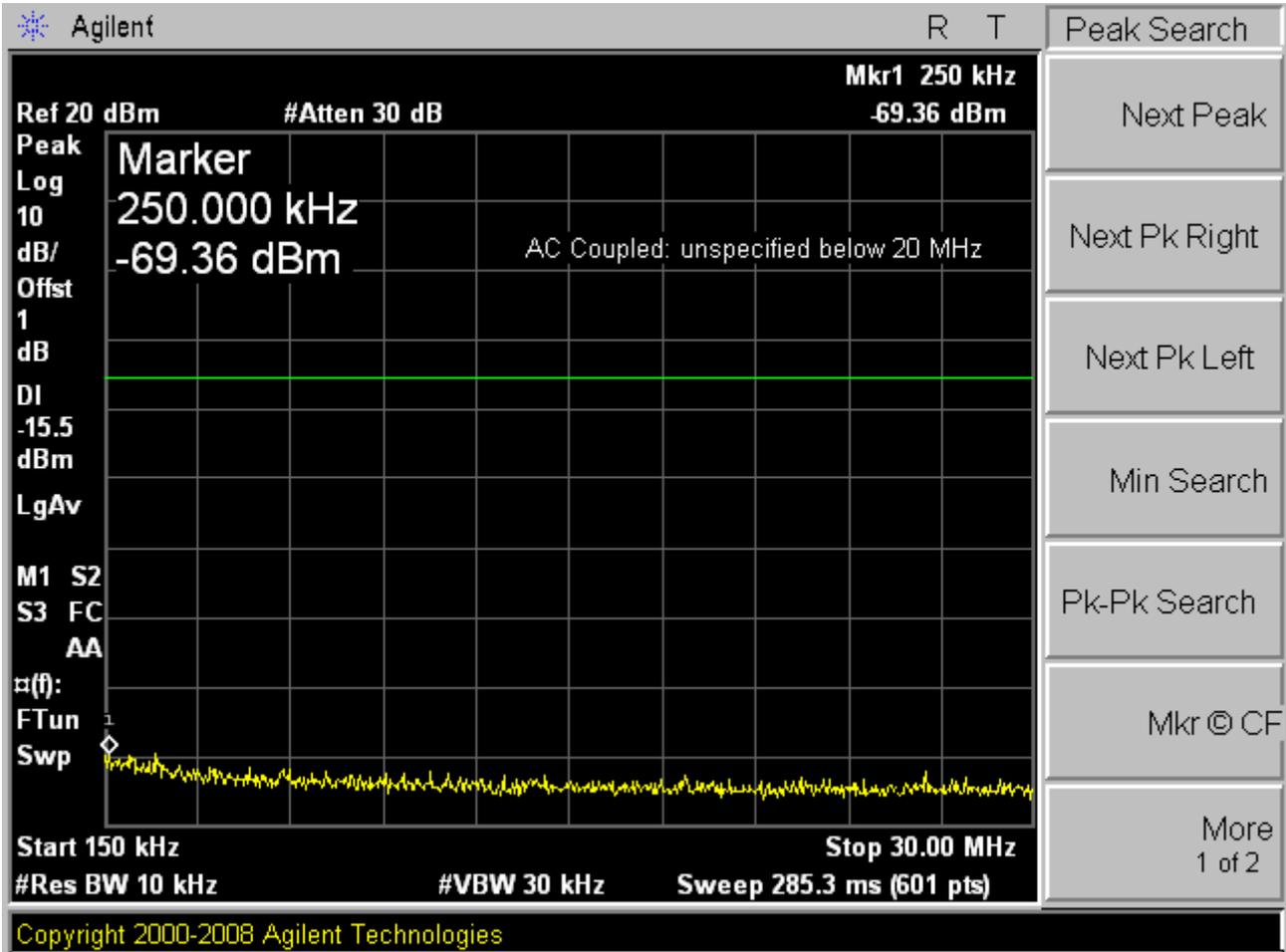
Channel 6

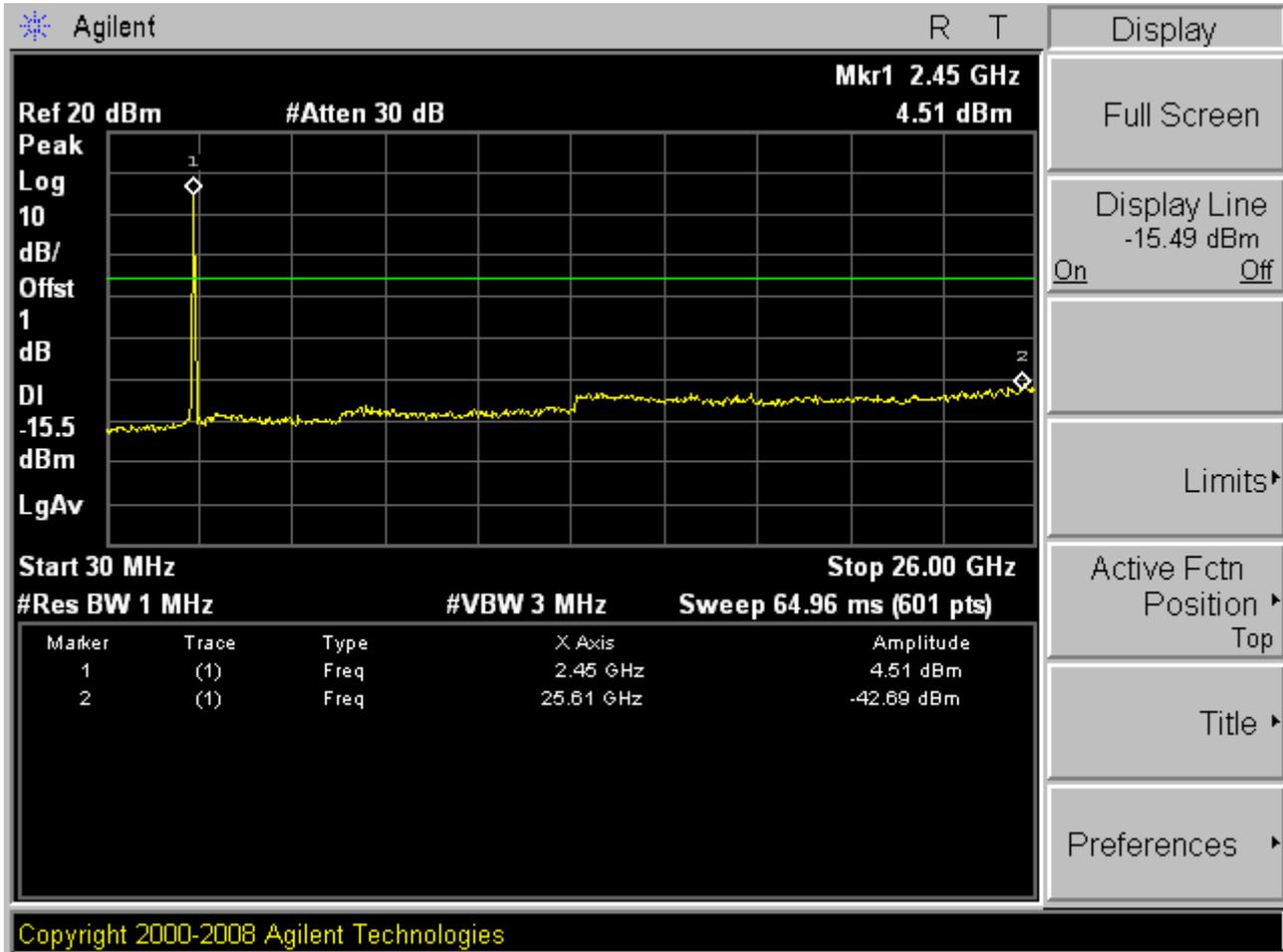














FCC Test Report of HUAWEI U8150-A/U8150-A/Comet
FCC ID: QISU8150-A
IC: 6369A-U8150A

Security Level:
Public

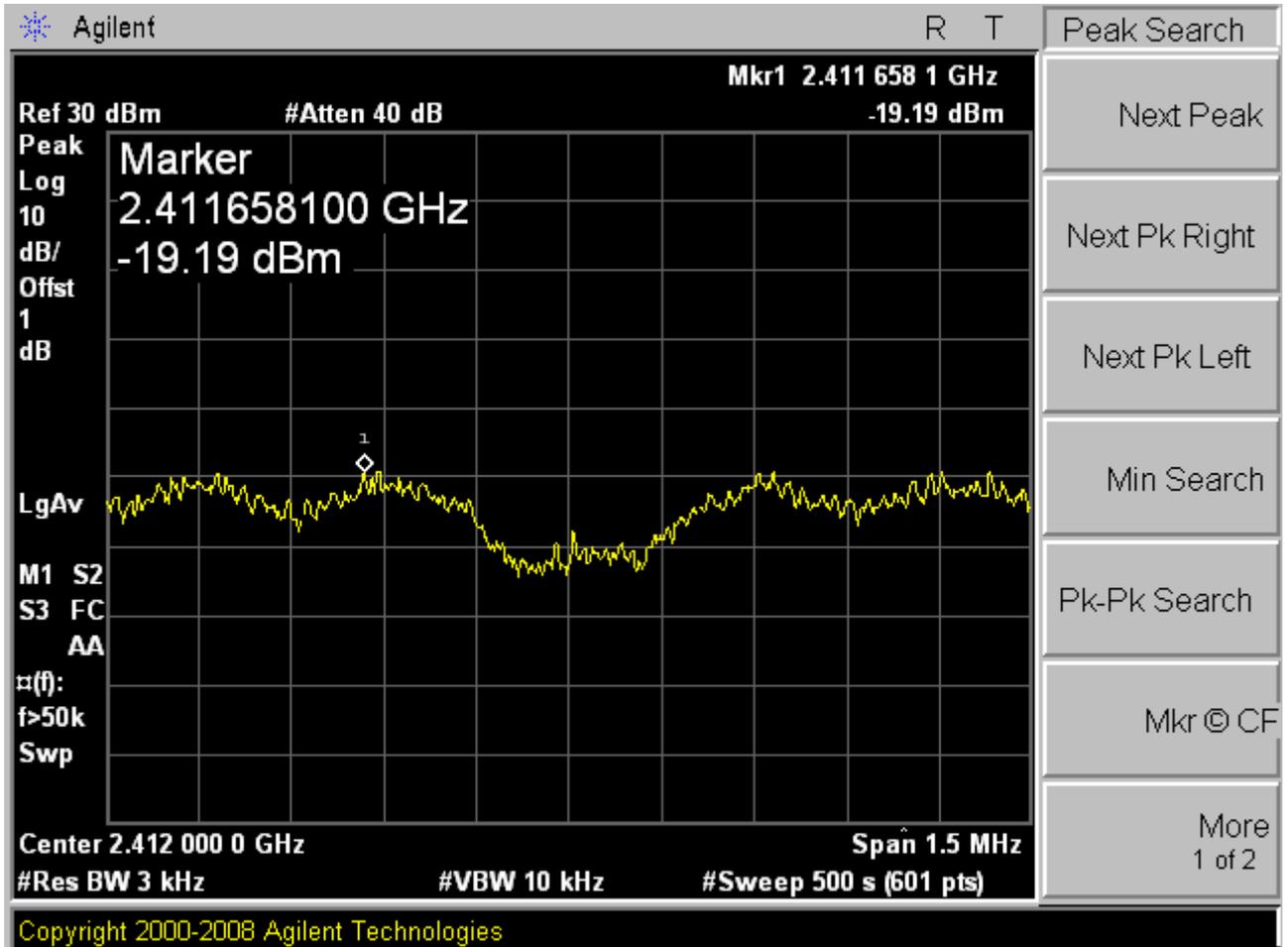
Appendix E

Power spectral density

According to FCC Part 15.247 (e)

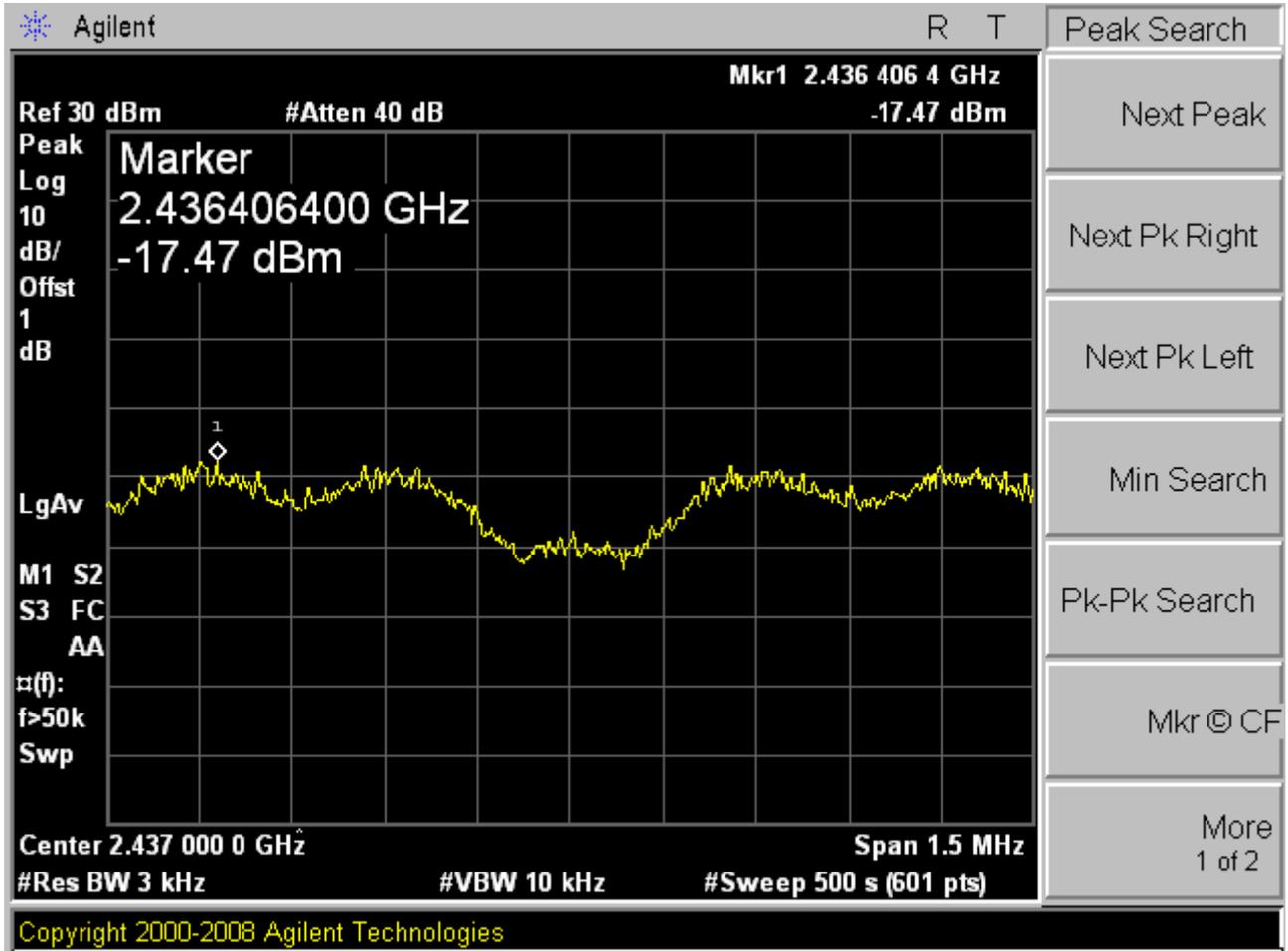


TM1 Channel 1



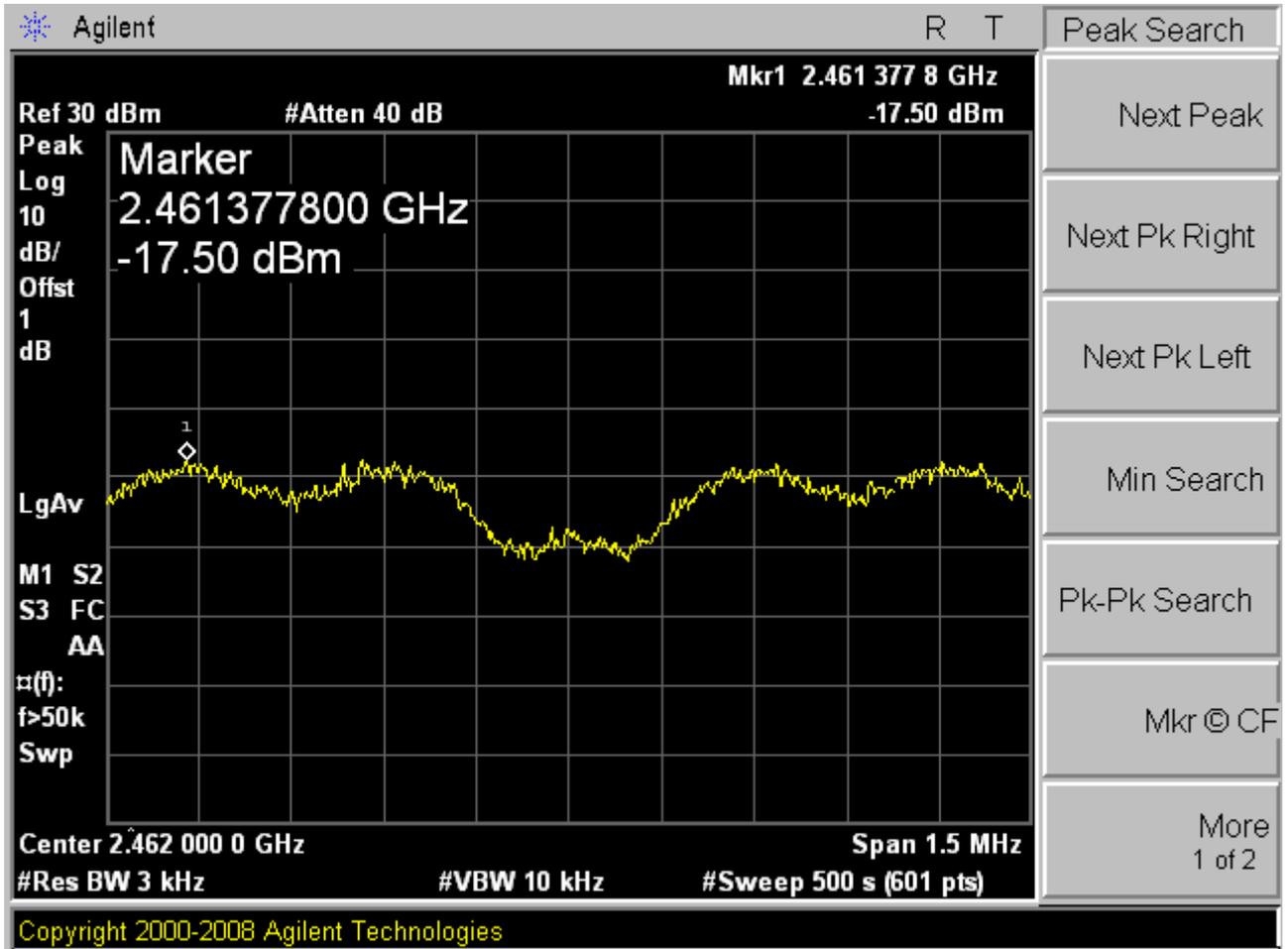


Channel 6



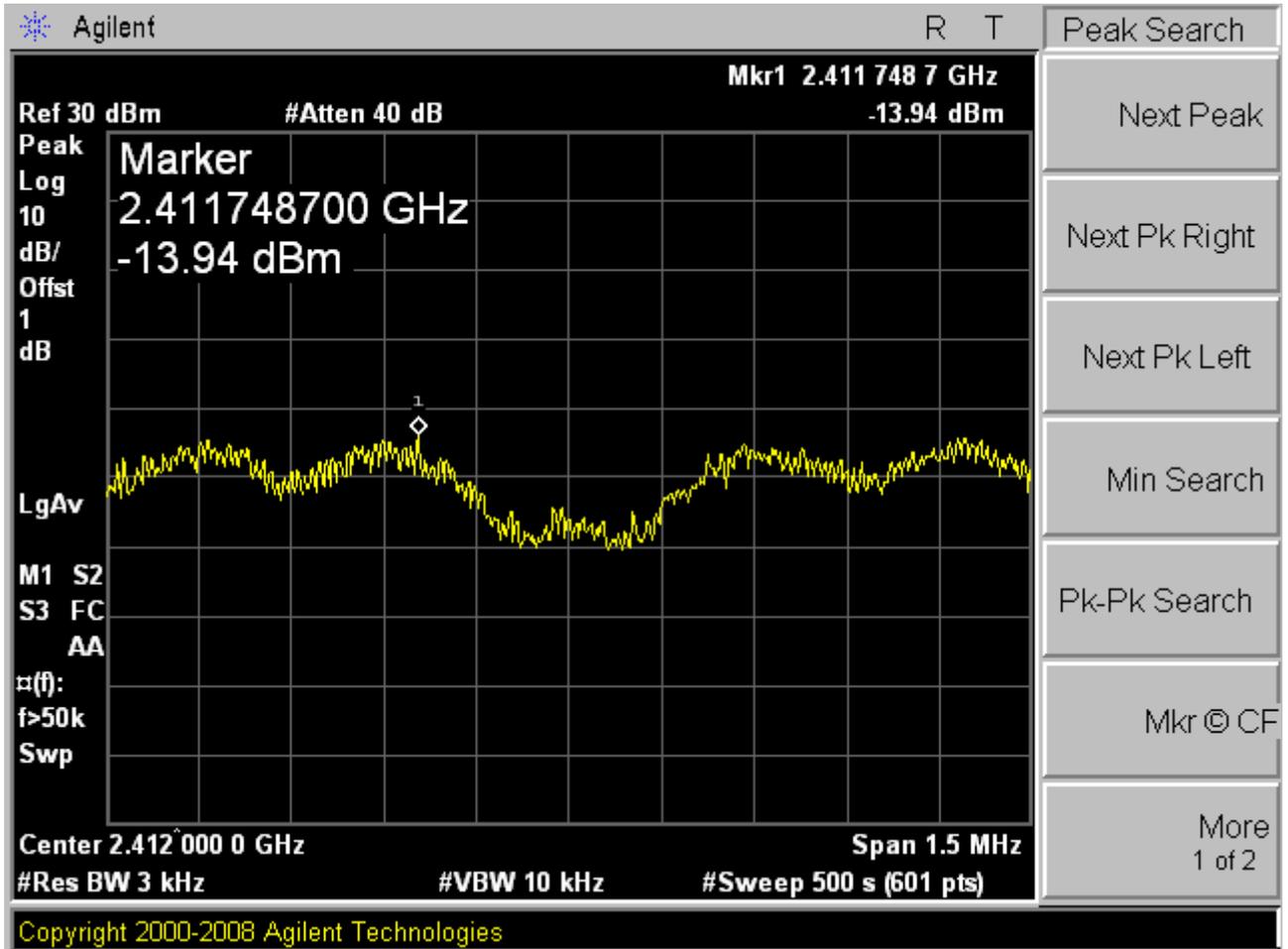


Channel 11



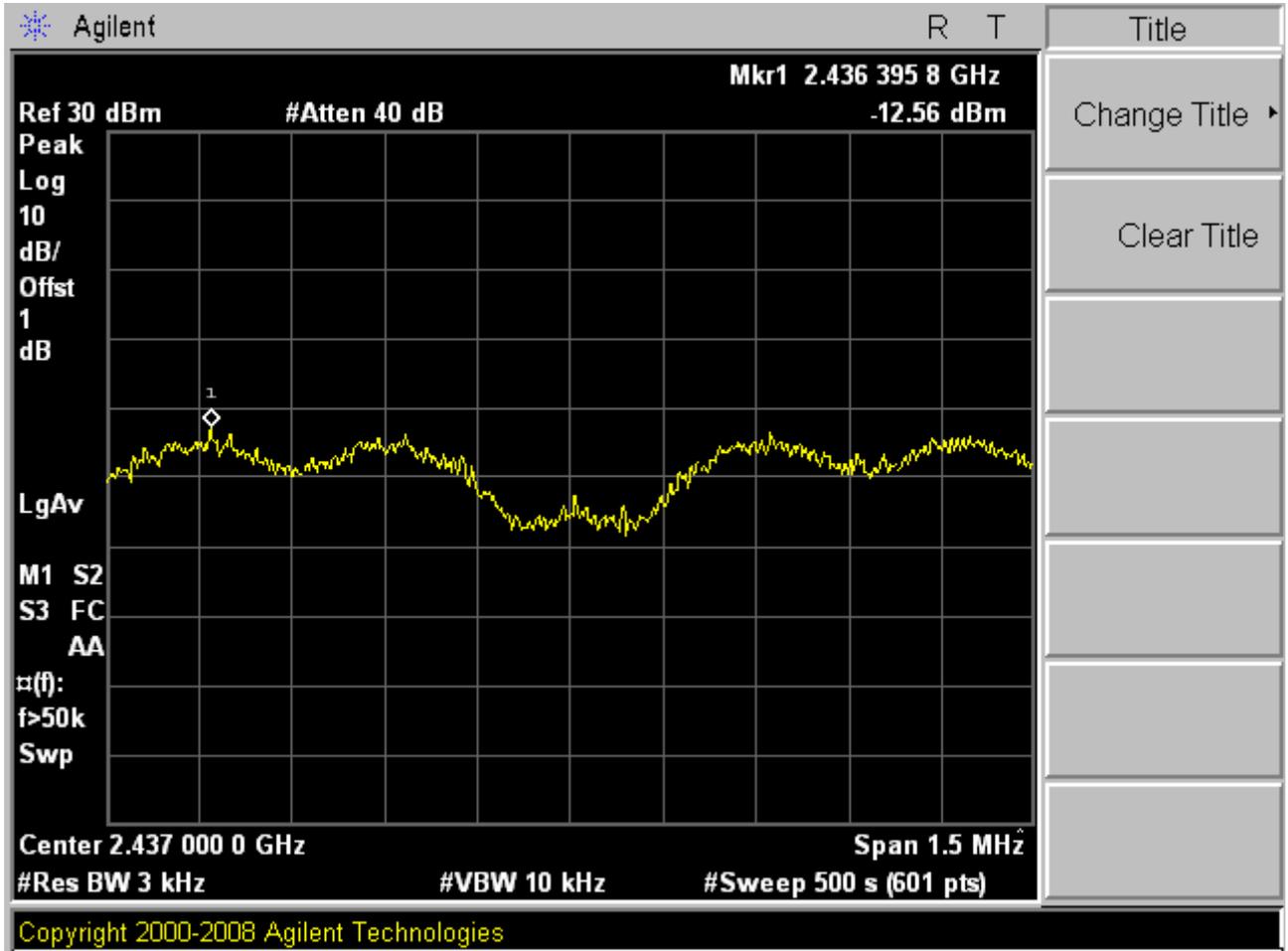


TM2 Channel 1



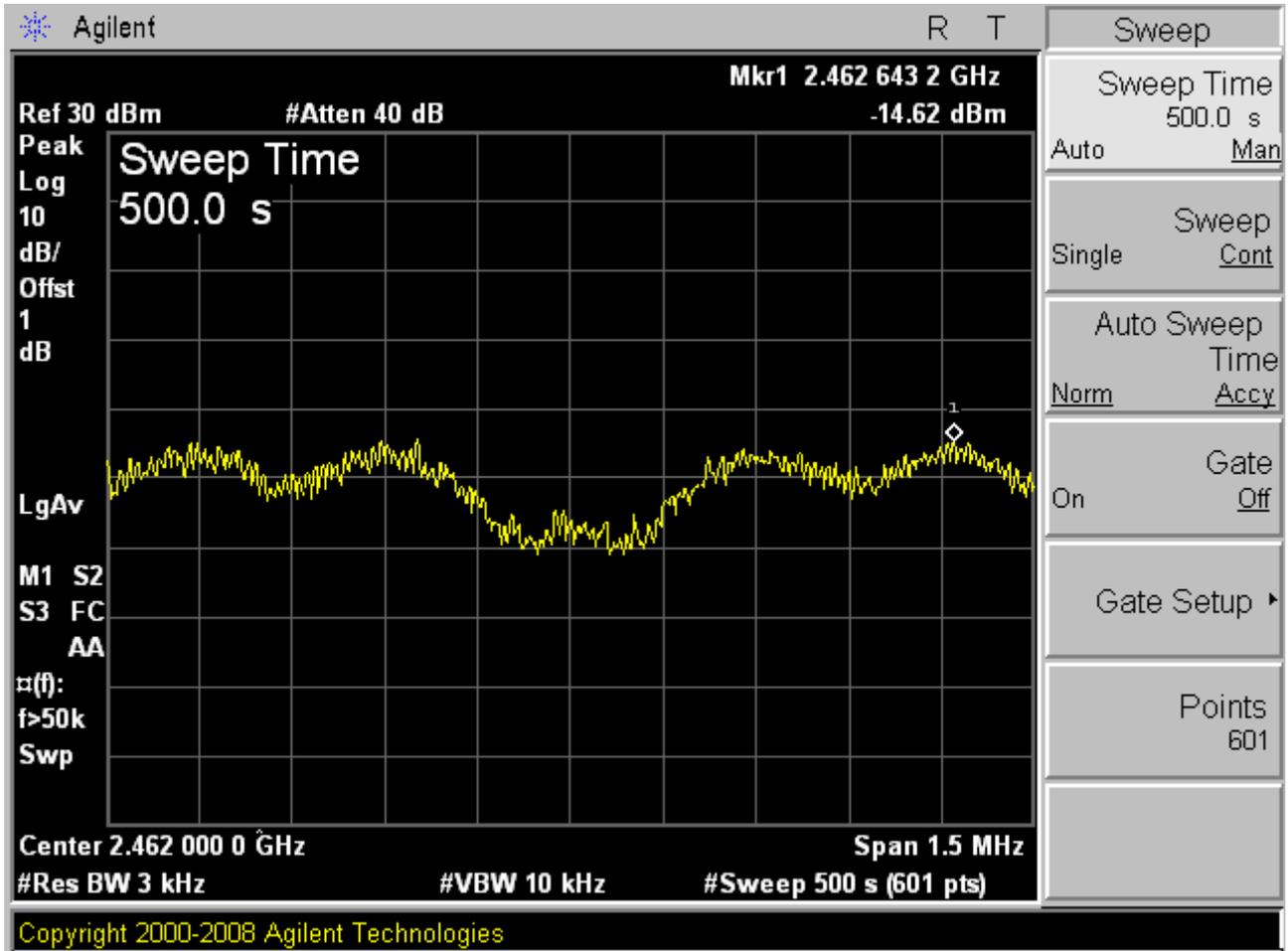


Channel 6



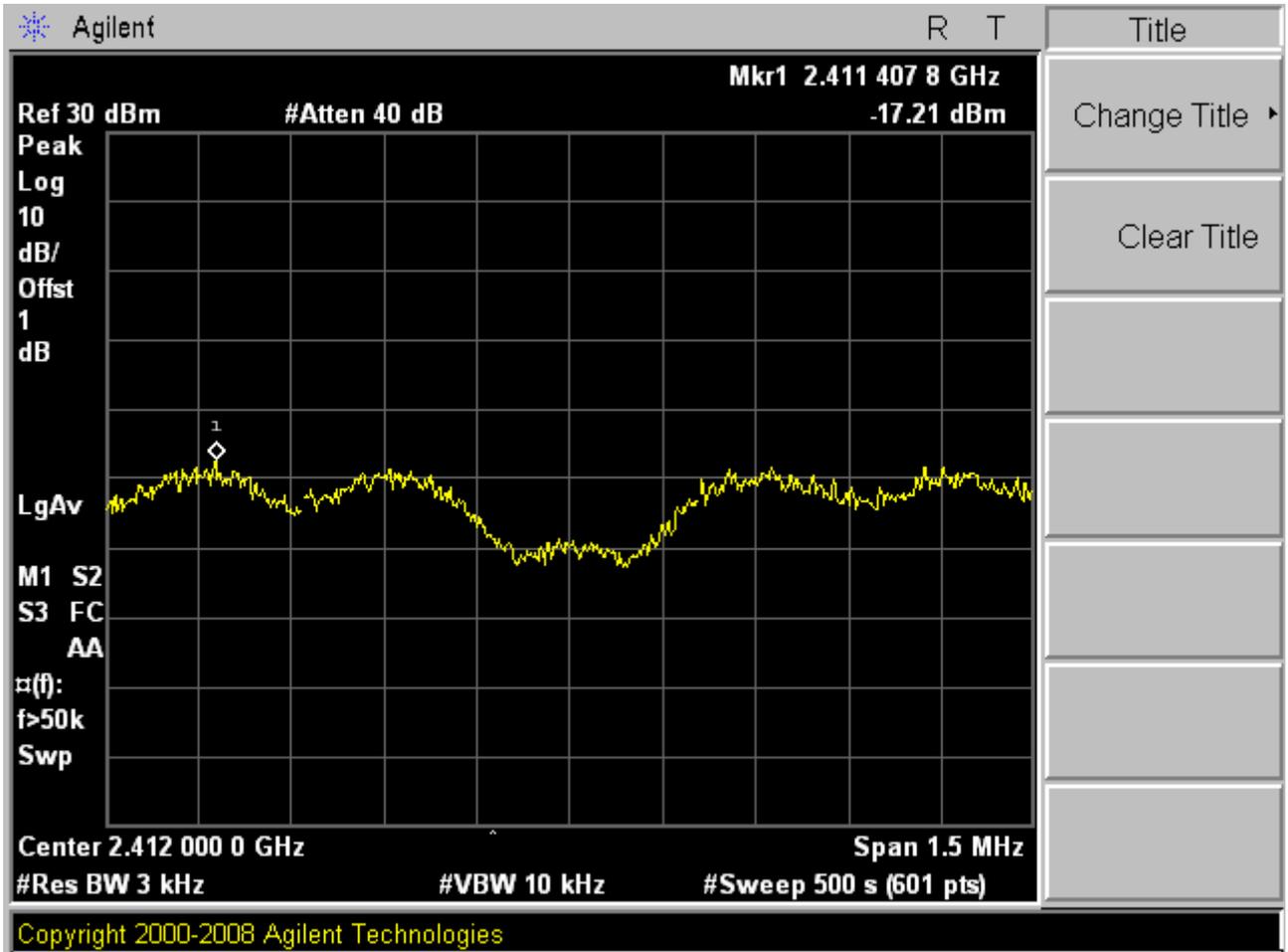


Channel 11



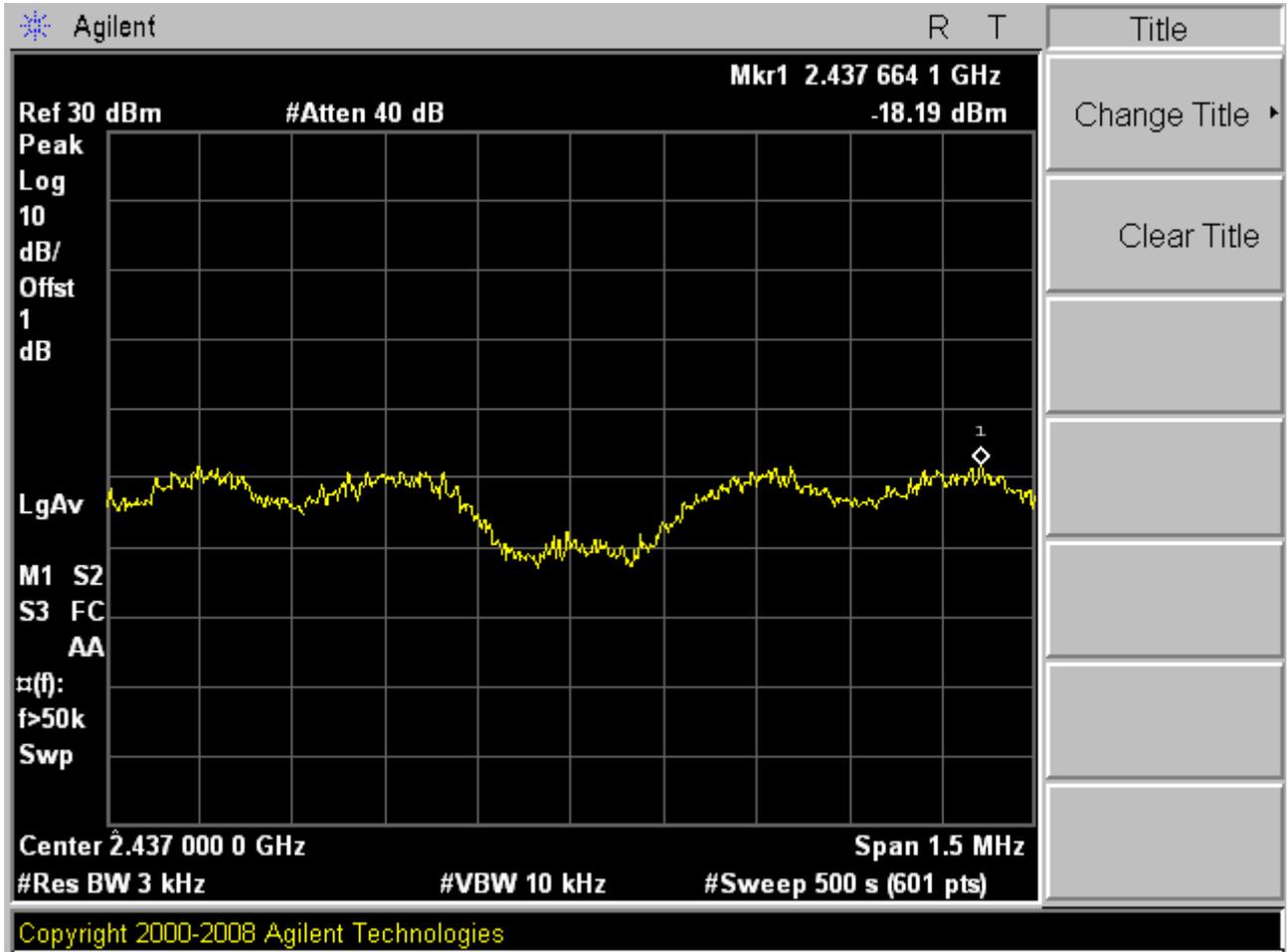


TM3 Channel 1



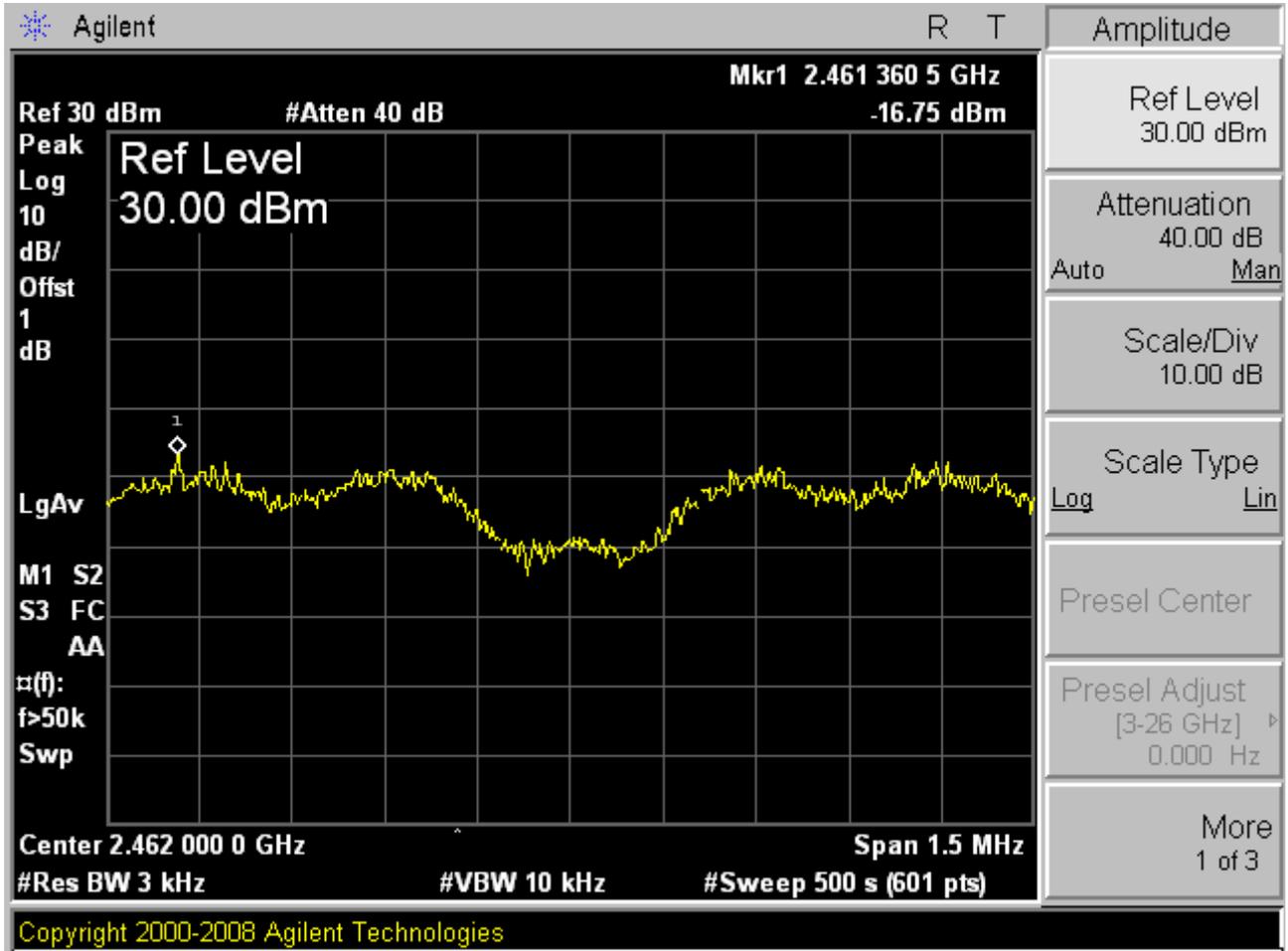


Channel 6





Channel 11





Appendix F

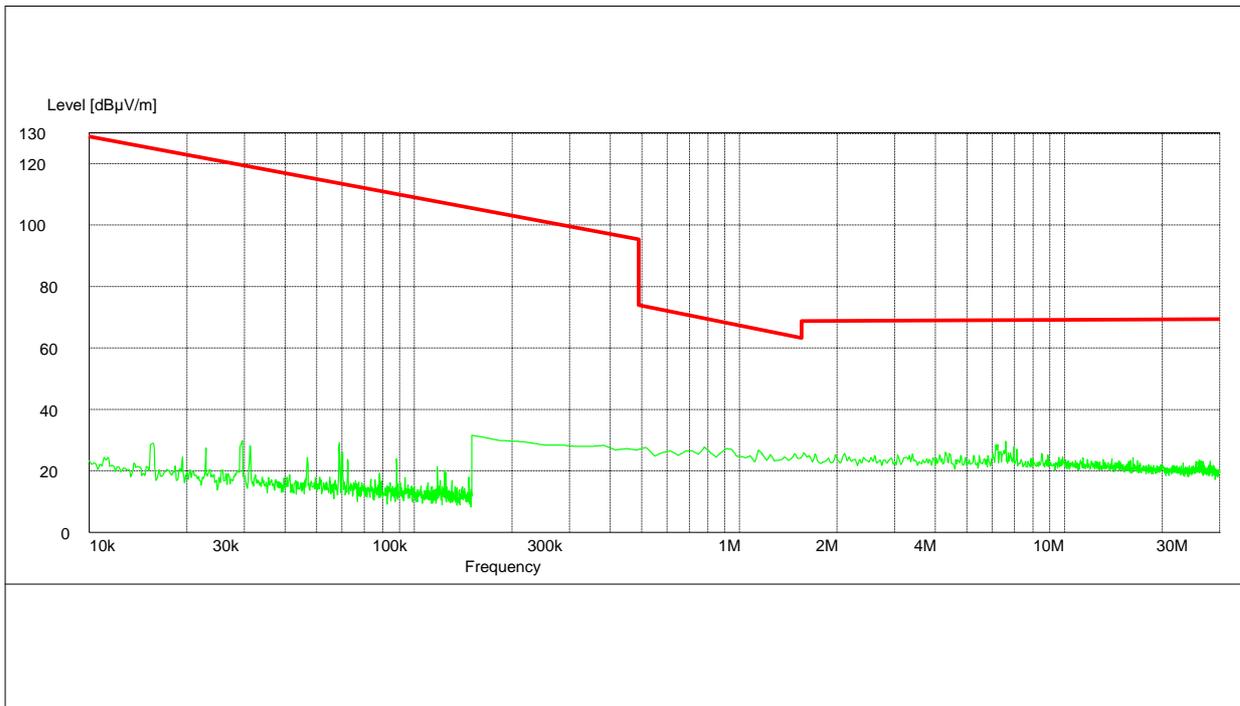
Radiated spurious emission & spurious in restricted band

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



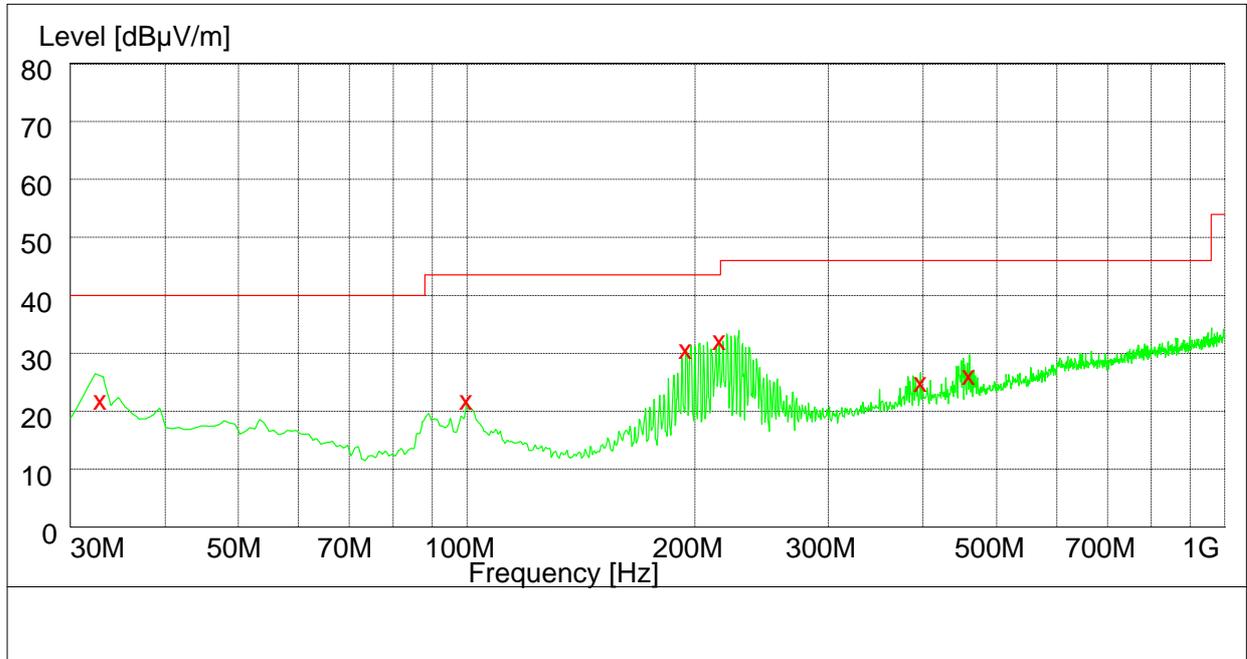
Note: This test was carried out in all the test modes, here only the worst test result was shown.

Channel 1 10kHz to 30MHz





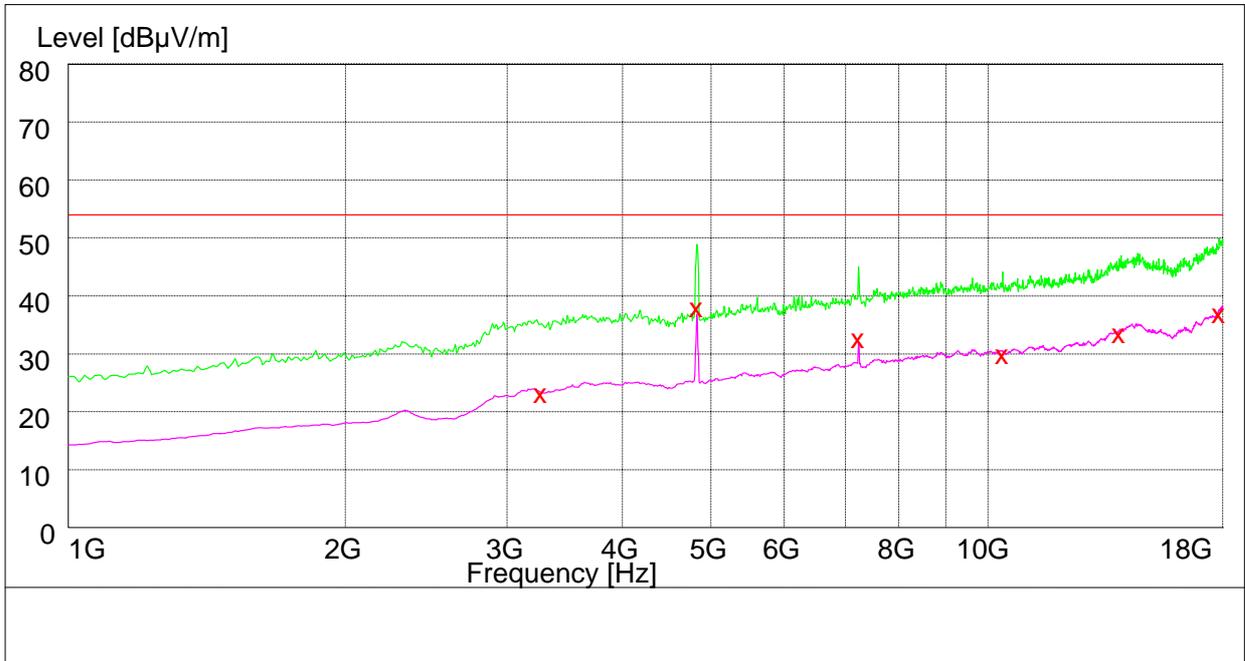
30MHz to 1GHz



Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Plarization
32.880000	21.60	11.7	40.0	18.4	100.0	360.00	HORIZONTAL
100.020000	21.70	13.1	43.5	21.8	247.0	27.00	VERTICAL
195.000000	30.50	12.0	43.5	13.0	148.0	88.00	VERTICAL
215.520000	32.40	12.8	43.5	11.1	152.0	88.00	VERTICAL
397.680000	25.20	18.1	46.0	20.8	247.0	0.00	VERTICAL
460.560000	26.30	19.0	46.0	19.7	163.0	343.00	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
3265.500000	23.20	-8.1	54.0	30.8	103.0	99.00	VERTICAL
4824.000000	38.10	-4.1	54.0	15.9	178.0	358.00	VERTICAL
7234.500000	32.80	0.6	54.0	21.2	171.0	18.00	HORIZONTAL
10373.000000	29.90	5.4	54.0	24.1	103.0	249.00	VERTICAL
13890.000000	33.60	10.6	54.0	20.4	128.0	349.00	HORIZONTAL
17833.500000	37.00	16.2	54.0	17.0	179.0	178.00	HORIZONTAL



FCC Test Report of HUAWEI U8150-A/U8150-A/Comet
FCC ID: QISU8150-A
IC: 6369A-U8150A

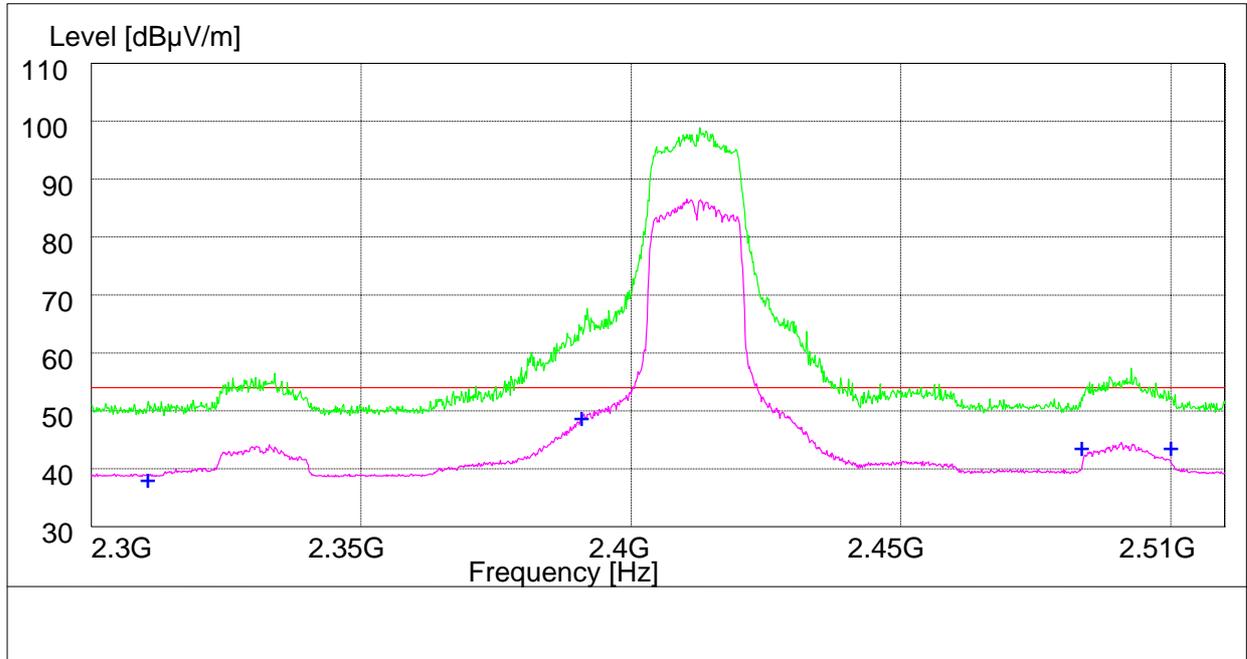
Security Level:
Public

18GHz to 26GHz

Note: No peak found in pre- test.



2GHz to 3GHz



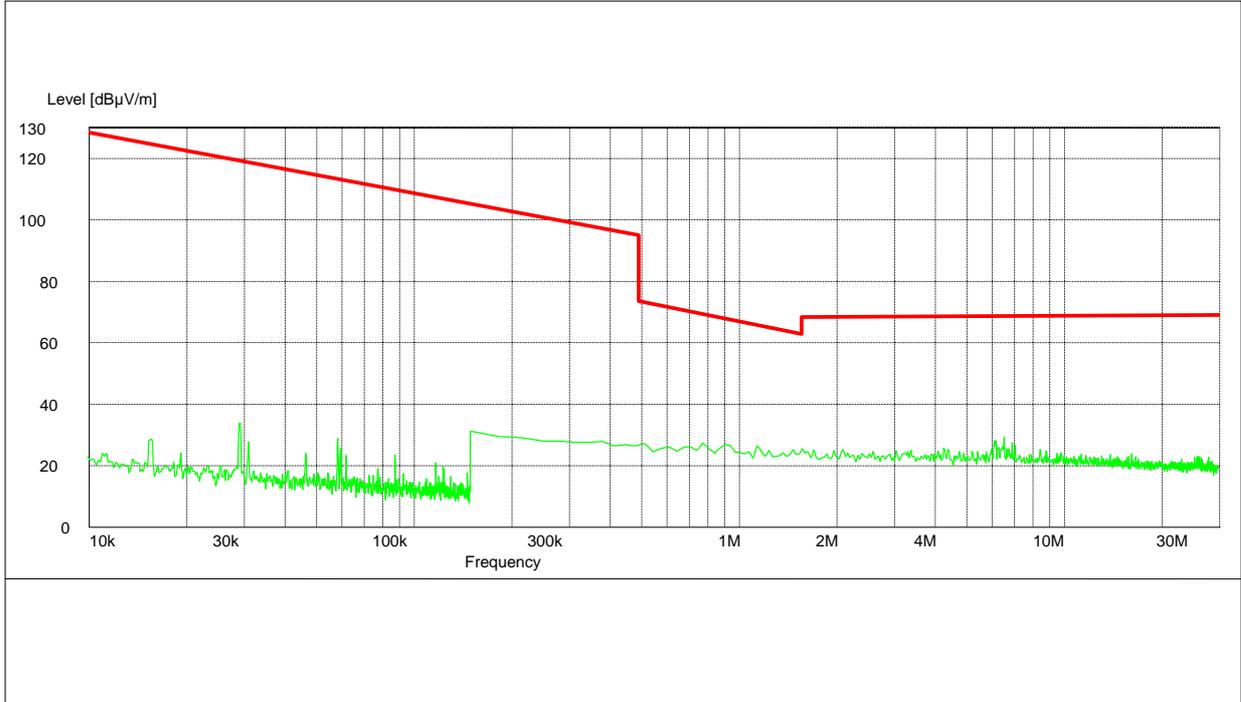
Note: The peak exceeds the limit line is carrier frequency.

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	100.0	359.00	HORIZONTAL
2390.000000	49.00	33.5	54.0	5.0	100.0	349.00	HORIZONTAL
2483.500000	44.80	33.8	54.0	9.2	147.0	42.00	VERTICAL
2500.000000	44.90	33.8	54.0	9.1	146.0	41.00	VERTICAL



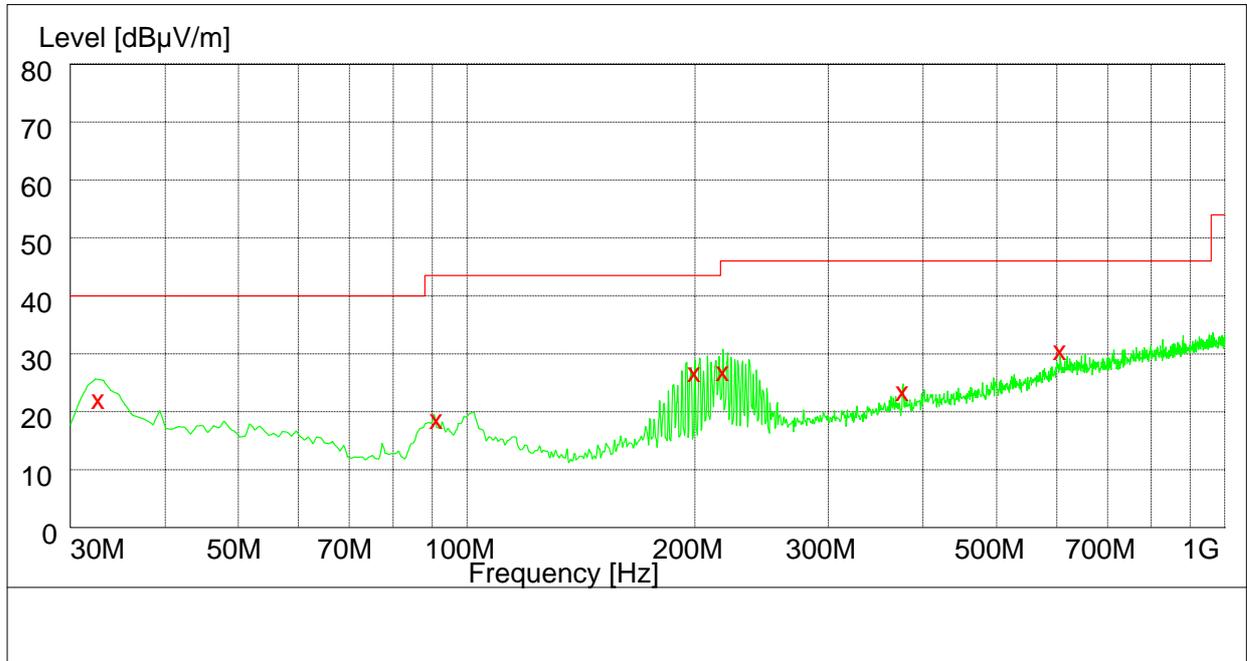
Channel 6

10 kHz to 30MHz





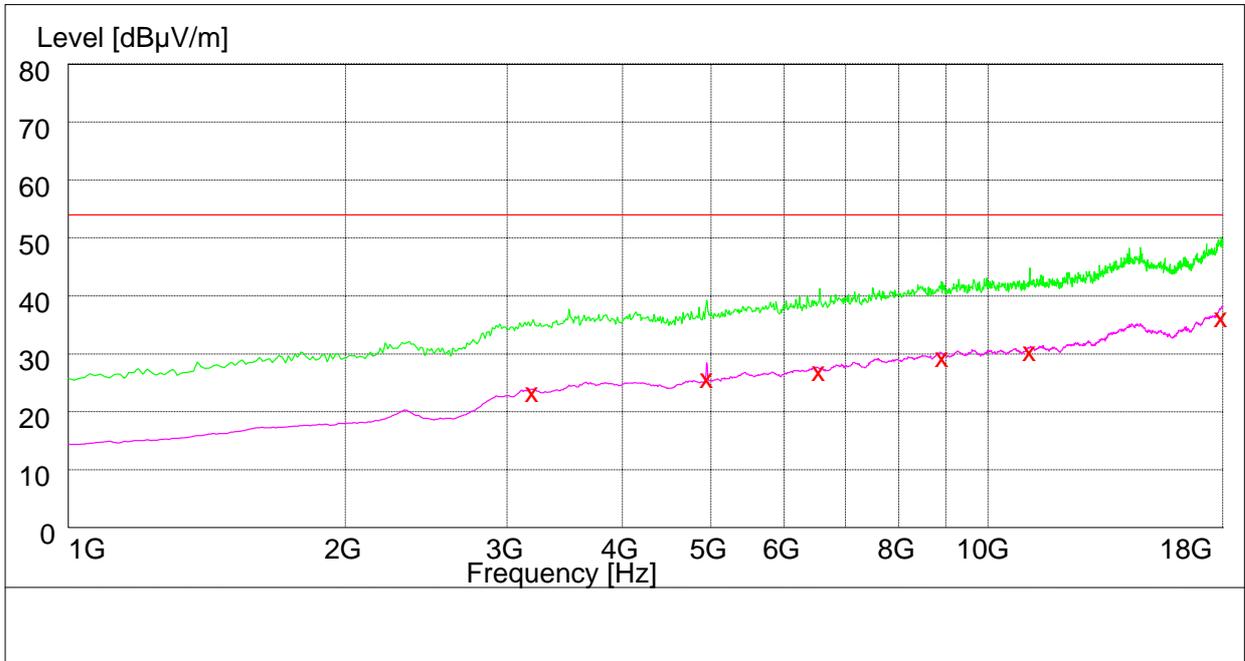
30MHz to 1GHz



Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
32.700000	22.00	11.7	40.0	18.0	140.0	28.00	HORIZONTAL
91.380000	18.80	12.0	43.5	24.7	137.0	153.00	VERTICAL
200.160000	27.90	12.1	43.5	15.6	225.0	341.00	HORIZONTAL
218.040000	28.00	12.9	46.0	18.0	173.0	70.00	VERTICAL
376.500000	24.70	17.6	46.0	21.3	201.0	329.00	HORIZONTAL
606.780000	30.40	22.6	46.0	15.6	163.0	245.00	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
3197.000000	23.50	-8.3	54.0	30.5	123.0	44.00	VERTICAL
4947.000000	25.80	-3.8	54.0	28.2	190.0	316.00	VERTICAL
6558.500000	27.00	-0.9	54.0	27.0	149.0	34.00	VERTICAL
8924.500000	29.50	4.0	54.0	24.5	146.0	322.00	HORIZONTAL
11110.500000	30.60	6.9	54.0	23.4	200.0	45.00	HORIZONTAL
17933.500000	37.40	16.9	54.0	16.6	112.0	26.00	HORIZONTAL



FCC Test Report of HUAWEI U8150-A/U8150-A/Comet
FCC ID: QISU8150-A
IC: 6369A-U8150A

Security Level:
Public

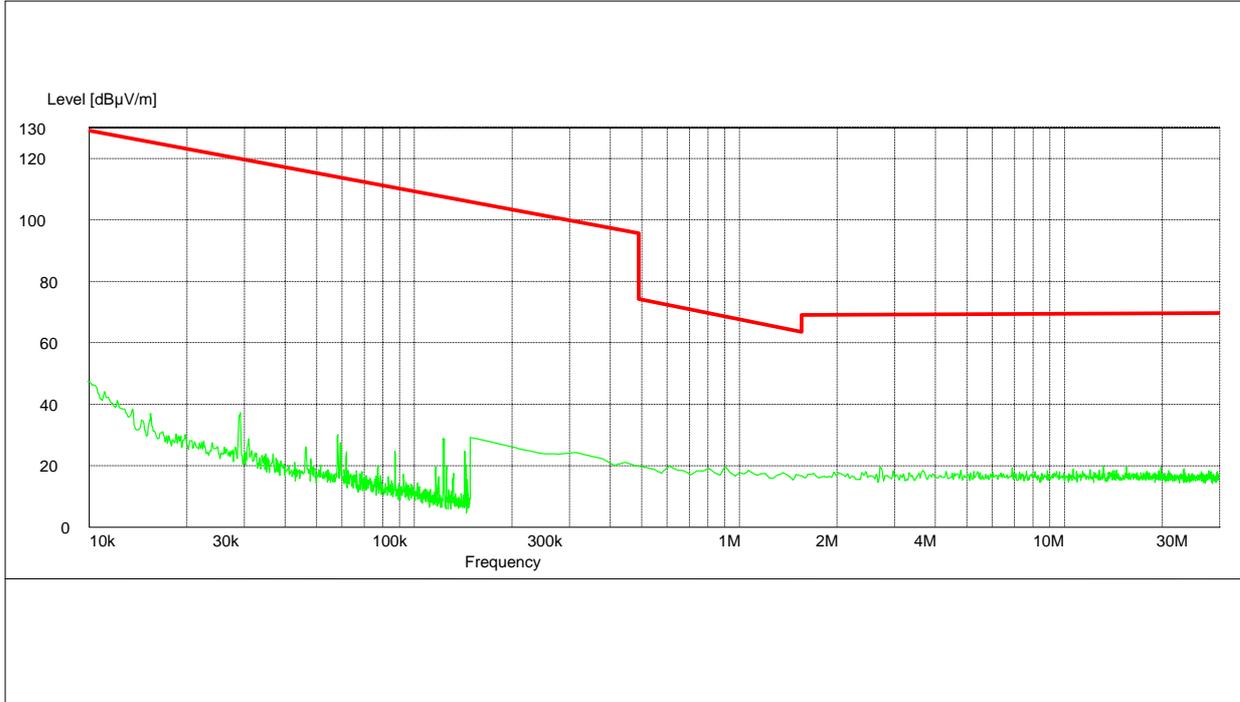
18GHz to 26GHz

Note: No peak found in pre- test.



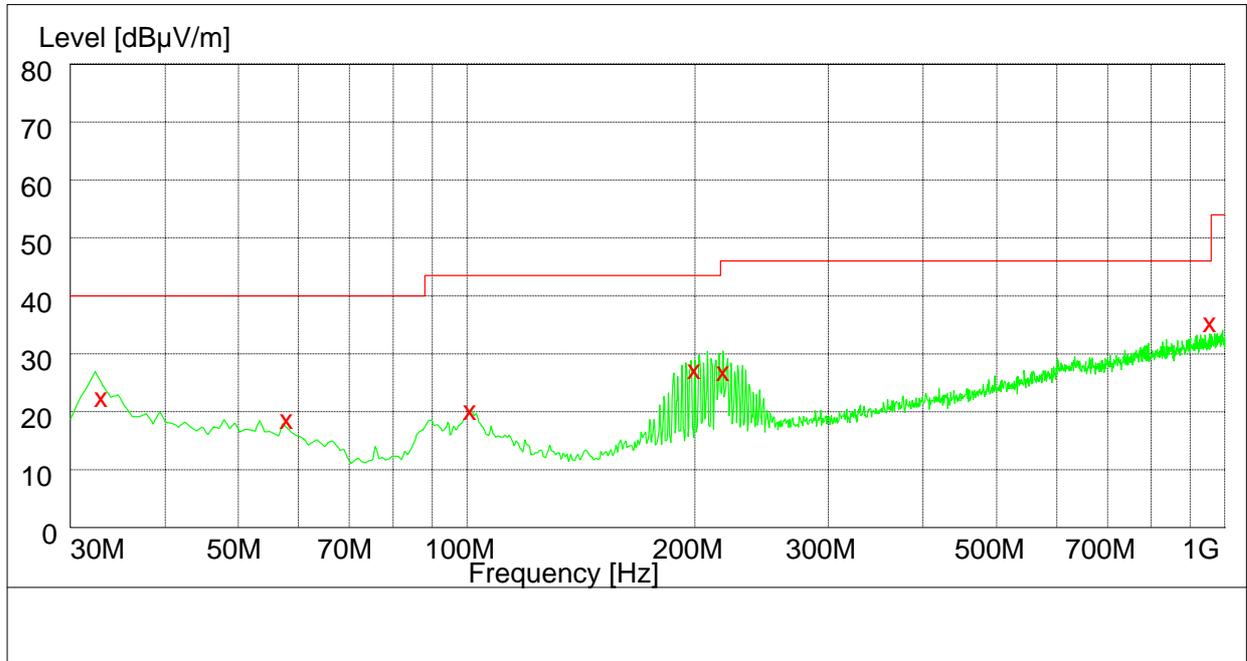
Channel 11

10 kHz to 30 MHz





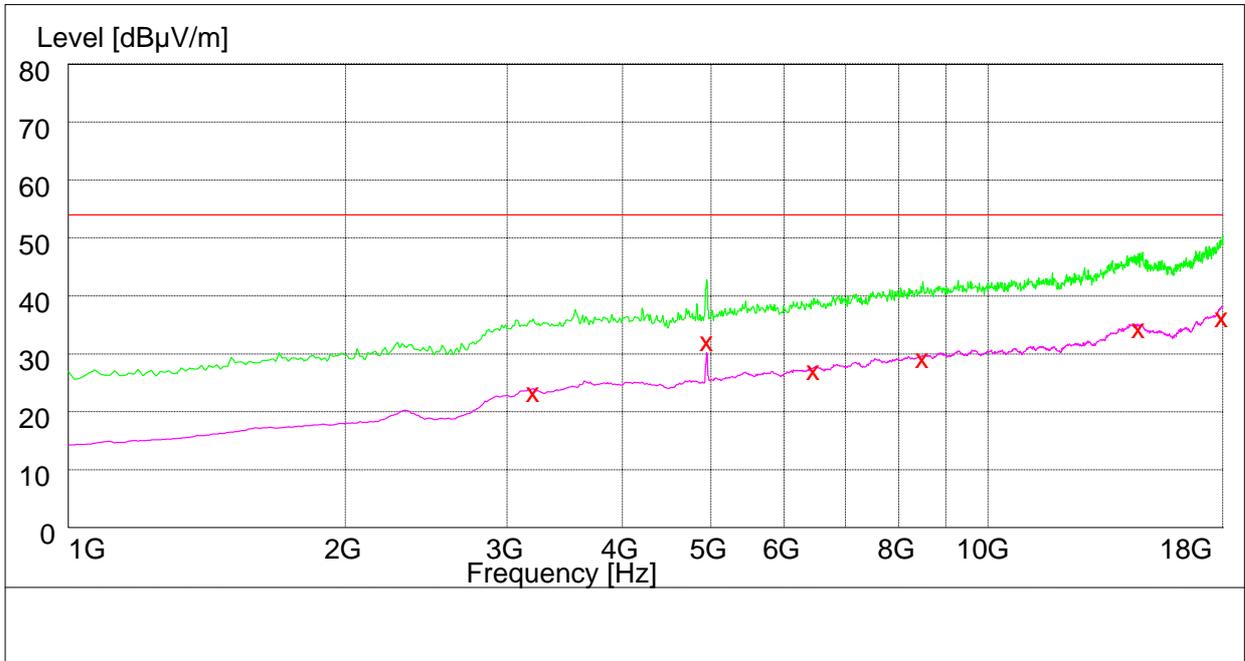
30MHz to 1GHz



Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
33.000000	22.20	11.7	40.0	17.8	167.0	109.00	HORIZONTAL
58.020000	19.20	12.4	40.0	20.8	117.0	303.00	HORIZONTAL
101.160000	20.00	13.0	43.5	23.5	125.0	0.00	HORIZONTAL
200.160000	28.40	12.1	43.5	15.1	145.0	345.00	VERTICAL
218.040000	28.00	12.9	46.0	18.0	211.0	56.00	HORIZONTAL
957.300000	35.10	26.7	46.0	10.9	297.0	359.00	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
3208.500000	23.50	-8.3	54.0	30.5	104.0	86.00	HORIZONTAL
4949.000000	32.20	-3.8	54.0	21.8	185.0	234.00	VERTICAL
6467.000000	27.20	-1.0	54.0	26.8	190.0	90.00	HORIZONTAL
8499.500000	29.30	3.0	54.0	24.7	171.0	196.00	VERTICAL
14590.000000	34.50	12.2	54.0	19.5	152.0	168.00	HORIZONTAL
17980.000000	37.40	17.2	54.0	16.6	177.0	359.00	HORIZONTAL



FCC Test Report of HUAWEI U8150-A/U8150-A/Comet
FCC ID: QISU8150-A
IC: 6369A-U8150A

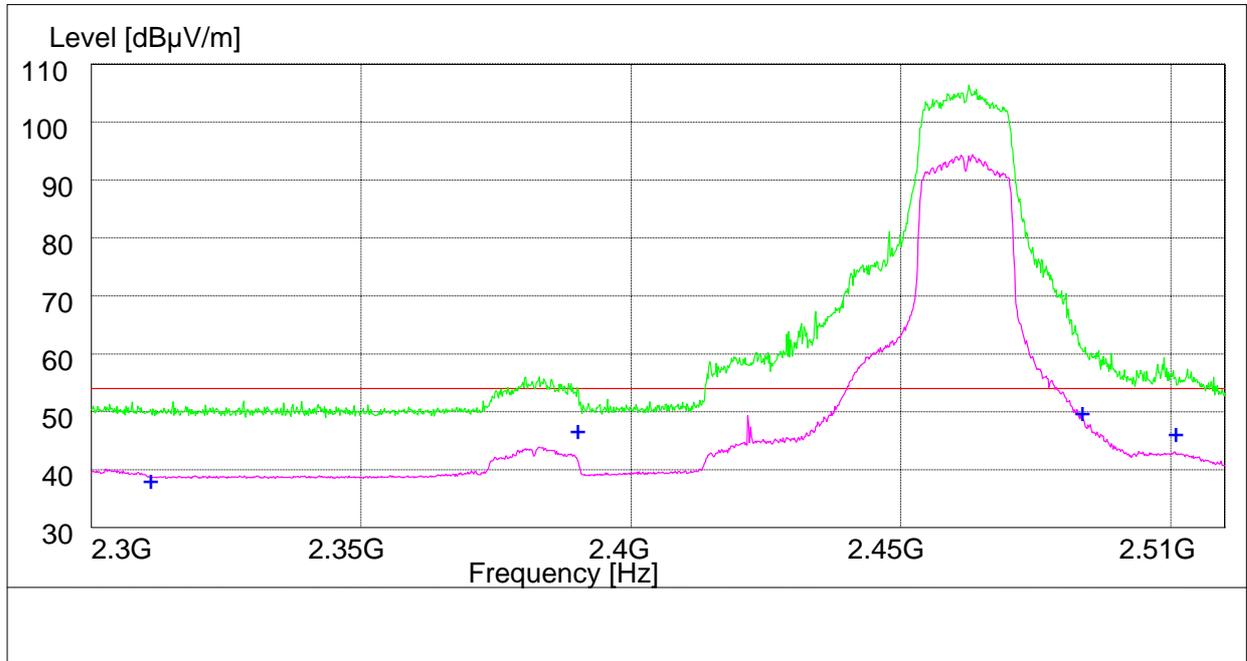
Security Level:
Public

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	39.40	33.3	54.0	14.6	100.0	357.00	HORIZONTAL
2390.000000	47.90	33.5	54.0	6.1	124.0	4.00	HORIZONTAL
2483.500000	50.00	33.7	54.0	5.0	120.0	7.00	HORIZONTAL
2500.000000	47.53	33.7	54.0	6.5	120.0	7.00	HORIZONTAL



FCC Test Report of HUAWEI U8150-A/U8150-A/Comet
FCC ID: QISU8150-A
IC: 6369A-U8150A

Security Level:
Public

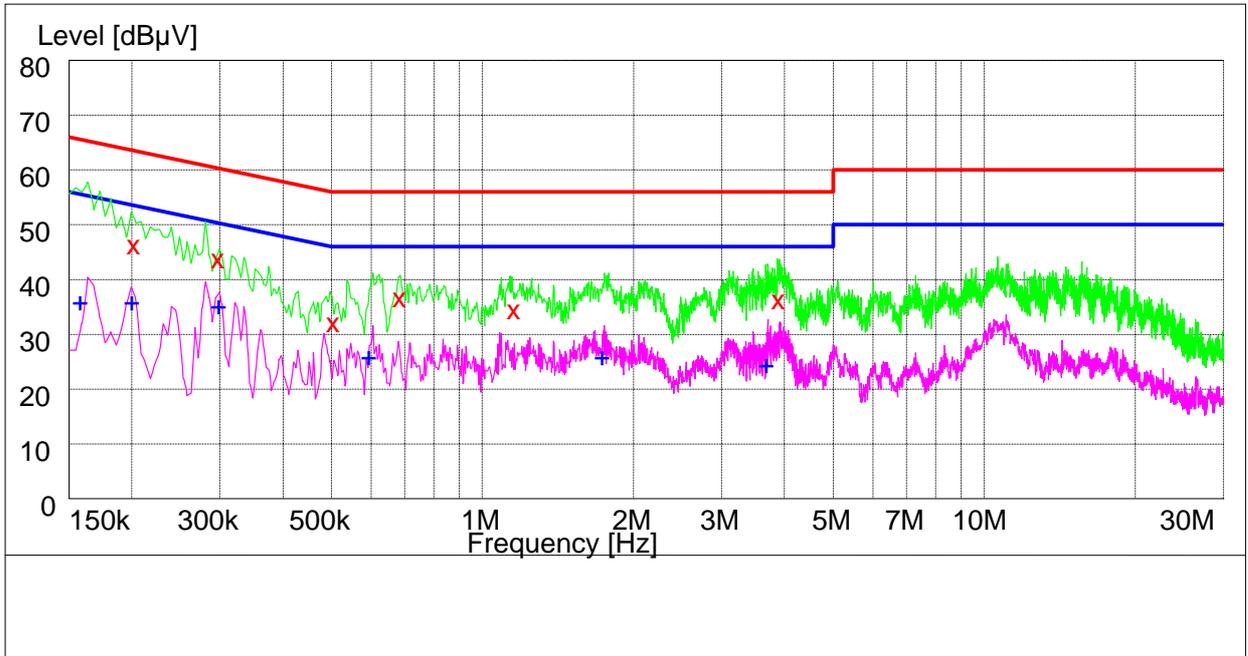
Appendix G

Conducted Emission at Power Port

According to FCC Part 15.207



Channel 7



MEASUREMENT RESULT: QP Detector

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Line	PE
0.202000	46.60	10.1	64	17.4	L1	FLO
0.298000	44.00	10.0	60	16.0	N	FLO
0.506000	32.40	10.1	56	23.6	N	FLO
0.686000	36.90	10.1	56	19.1	N	FLO
1.158000	34.70	10.1	56	21.3	N	FLO
3.904000	36.50	10.2	56	19.5	L1	FLO

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Line	PE
0.158000	37.20	10.1	56	18.8	N	FLO
0.200000	37.30	10.1	56	18.7	N	FLO
0.298000	36.60	10.0	50	13.4	N	FLO
0.594000	27.20	10.1	46	18.8	N	FLO
1.732000	27.20	10.1	46	18.8	L1	FLO
3.684000	25.80	10.2	46	20.2	L1	FLO