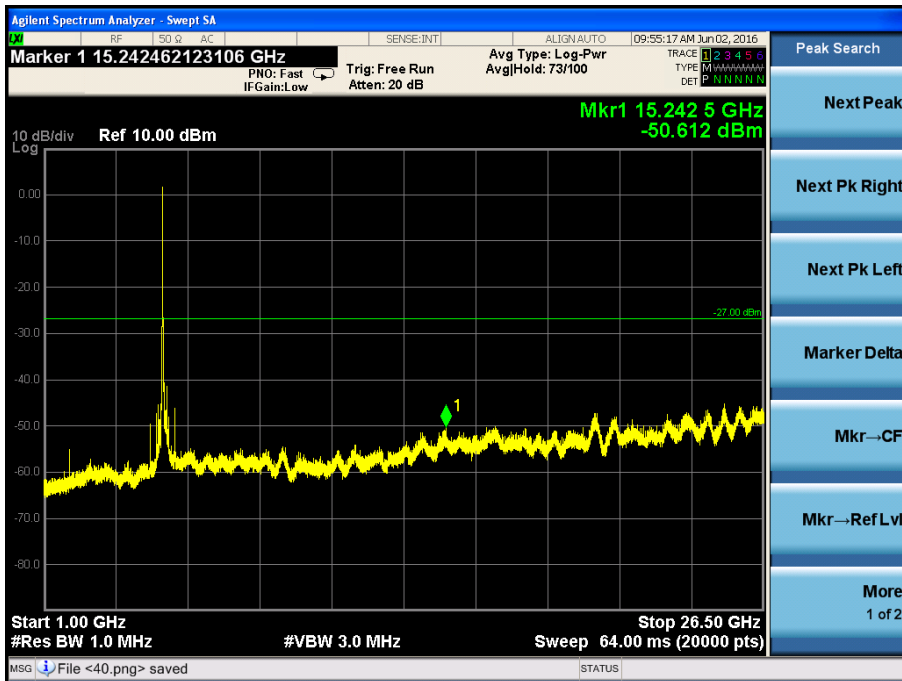
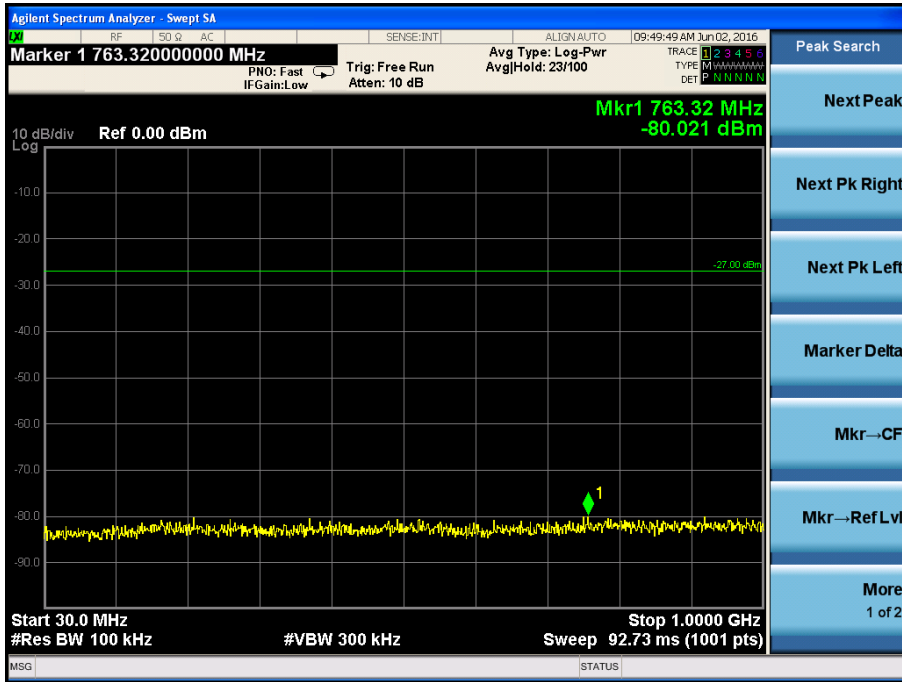
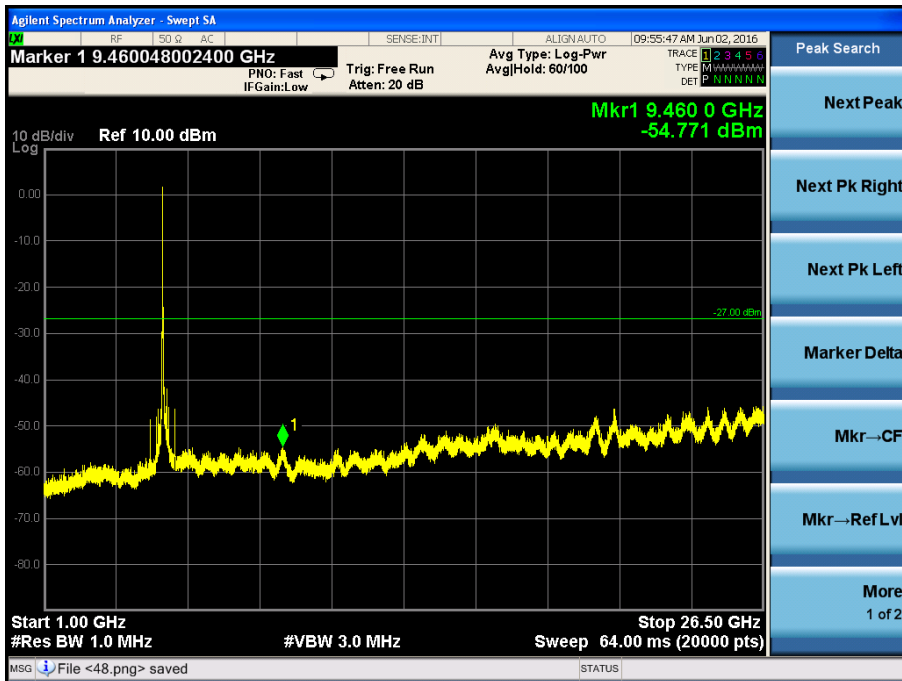
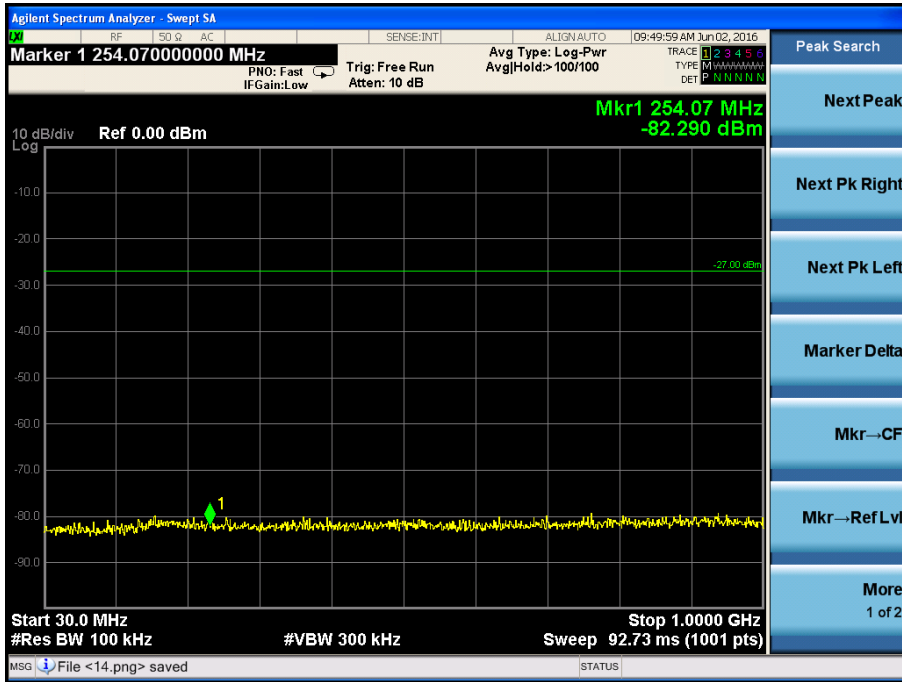


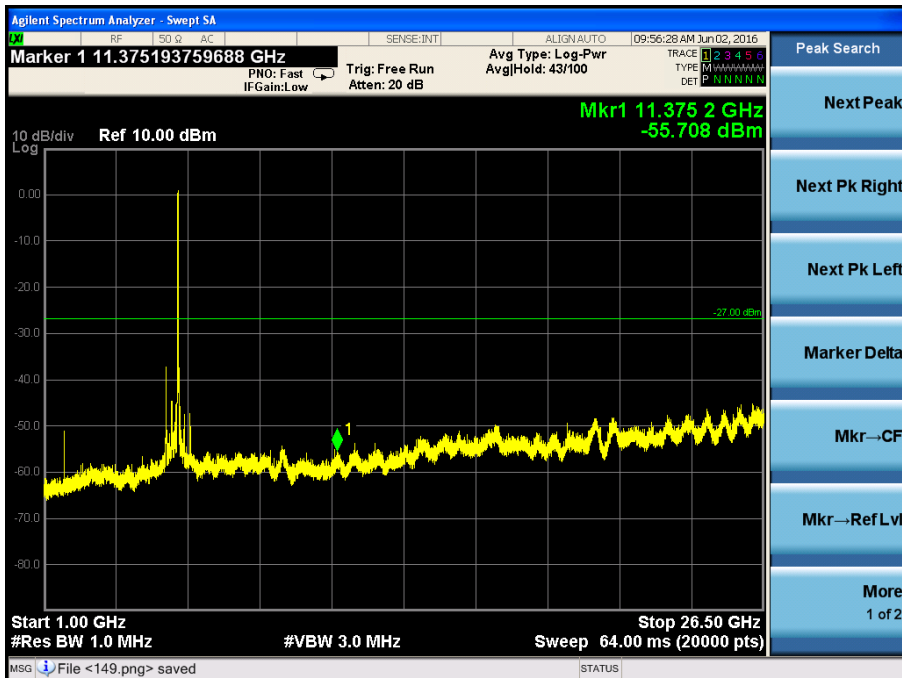
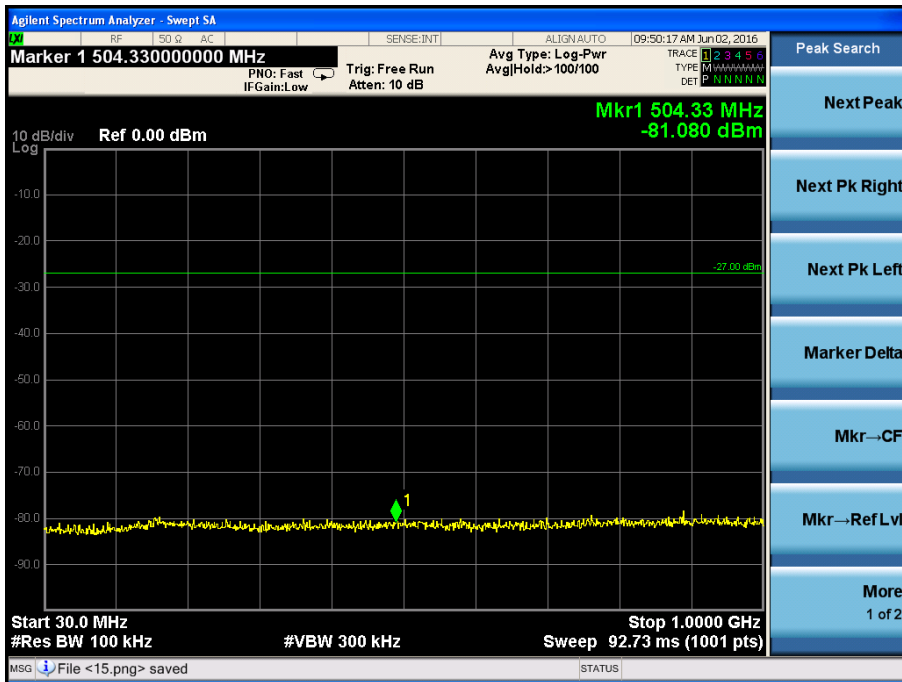
5200MHz



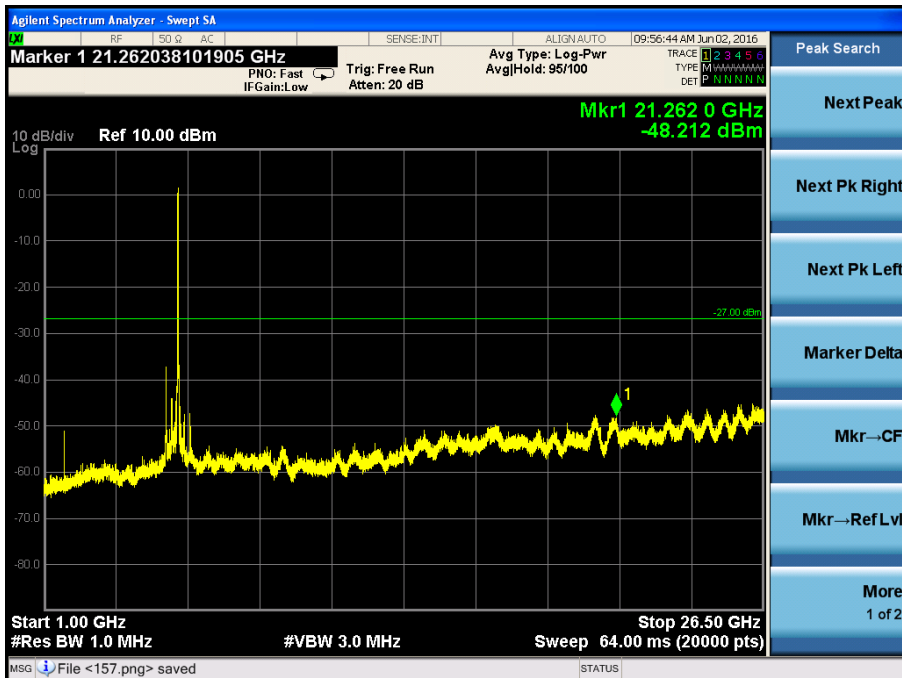
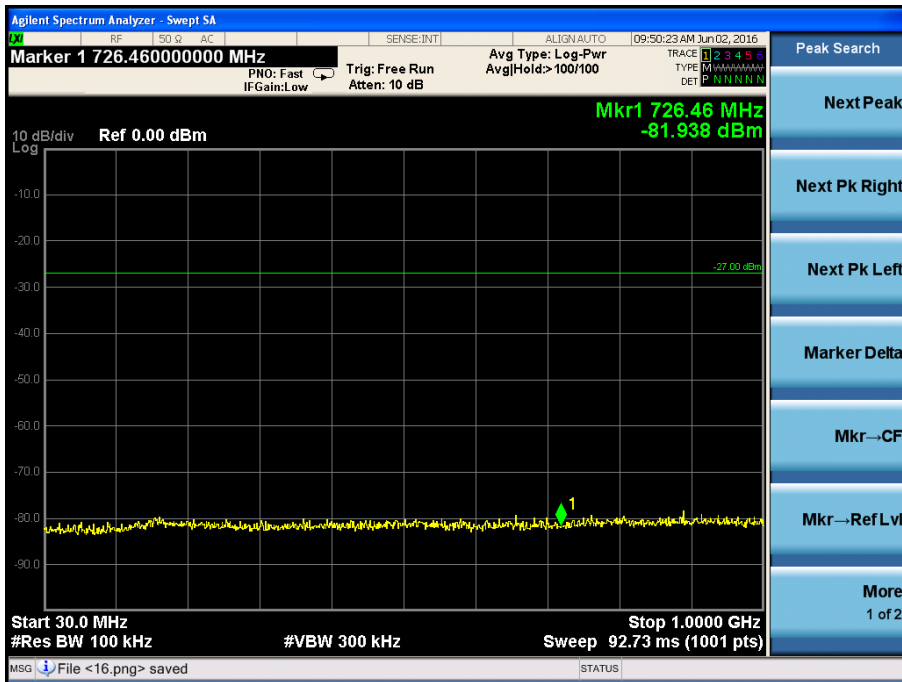
5240MHz



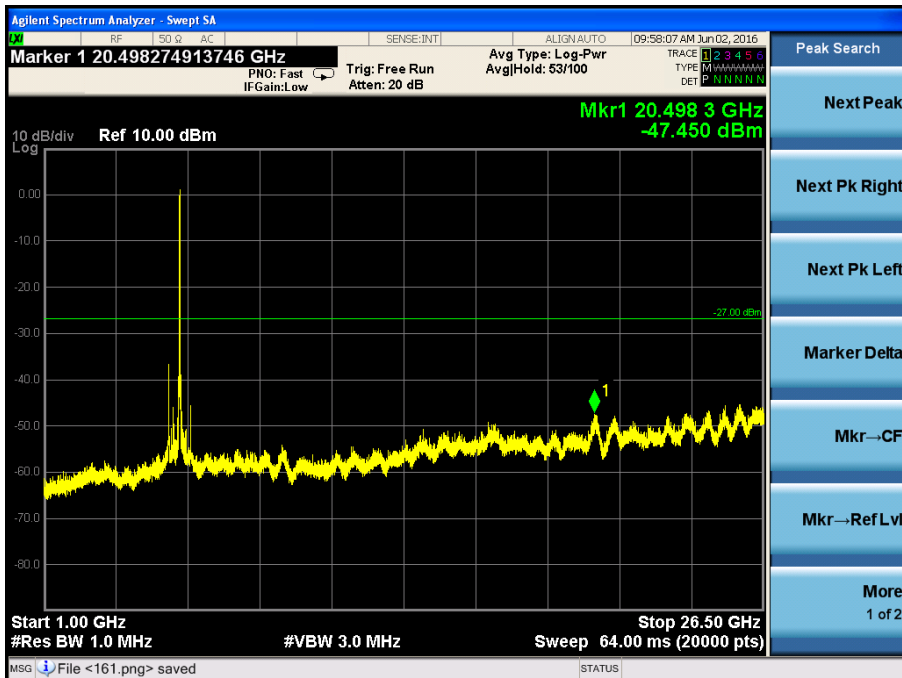
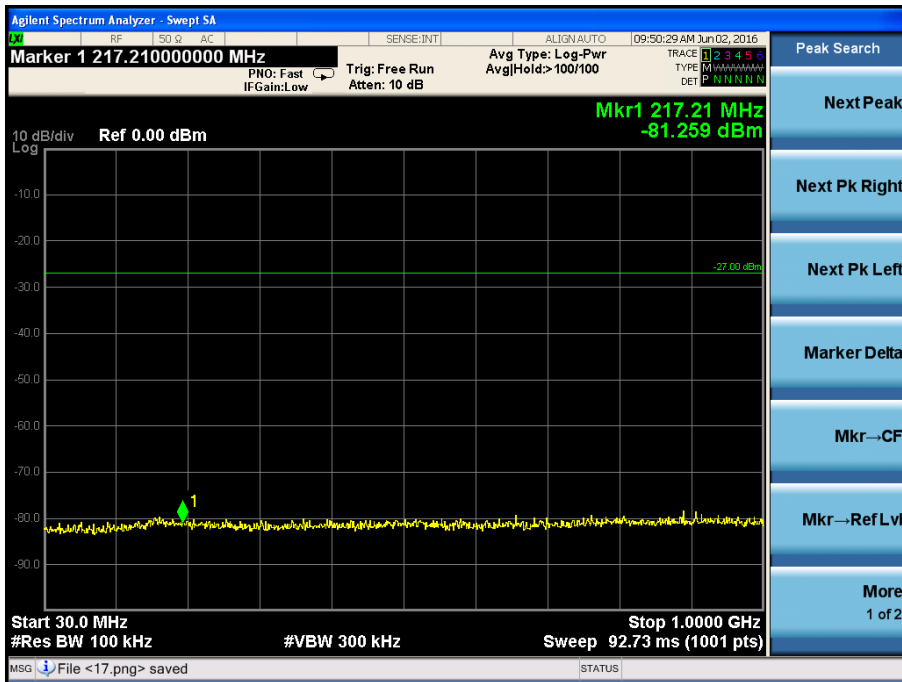
5745MHz



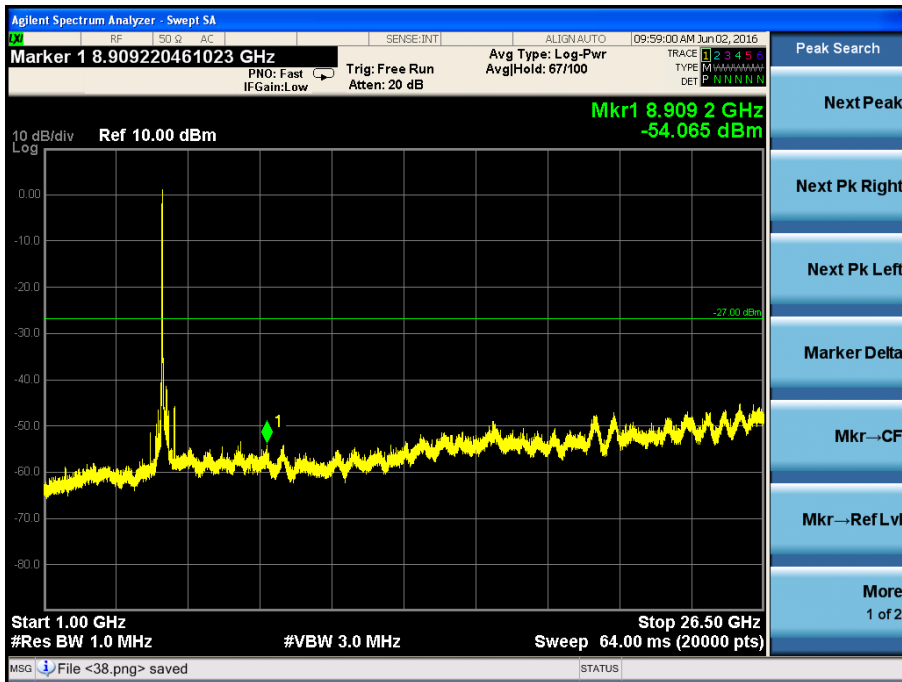
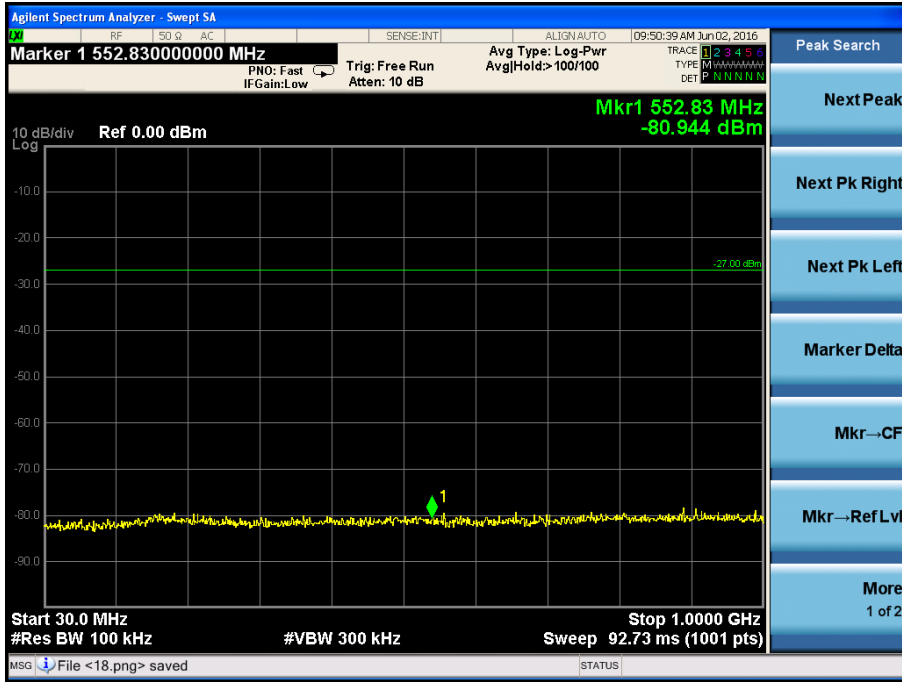
5785MHz



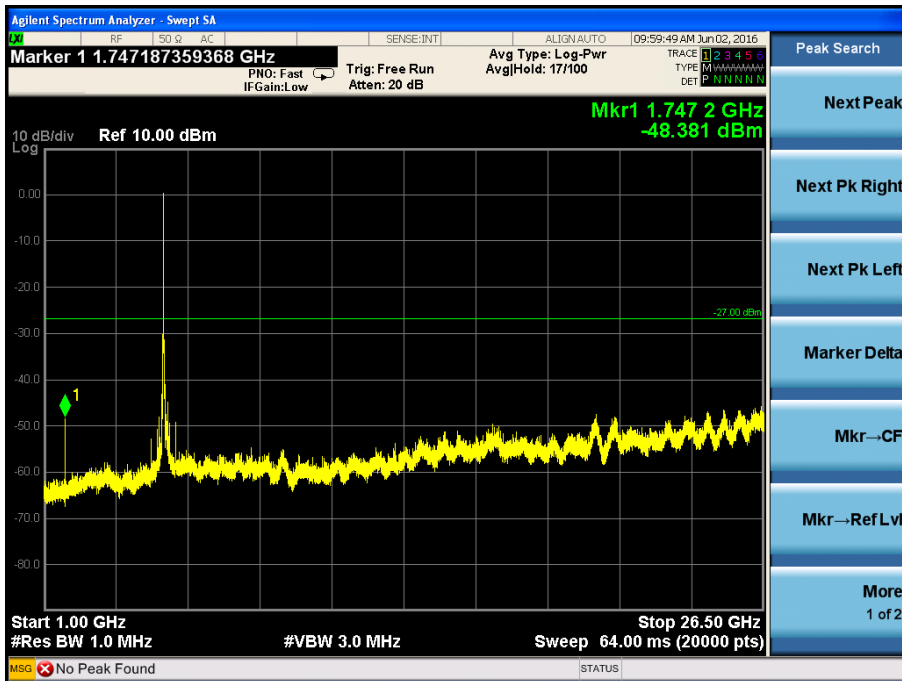
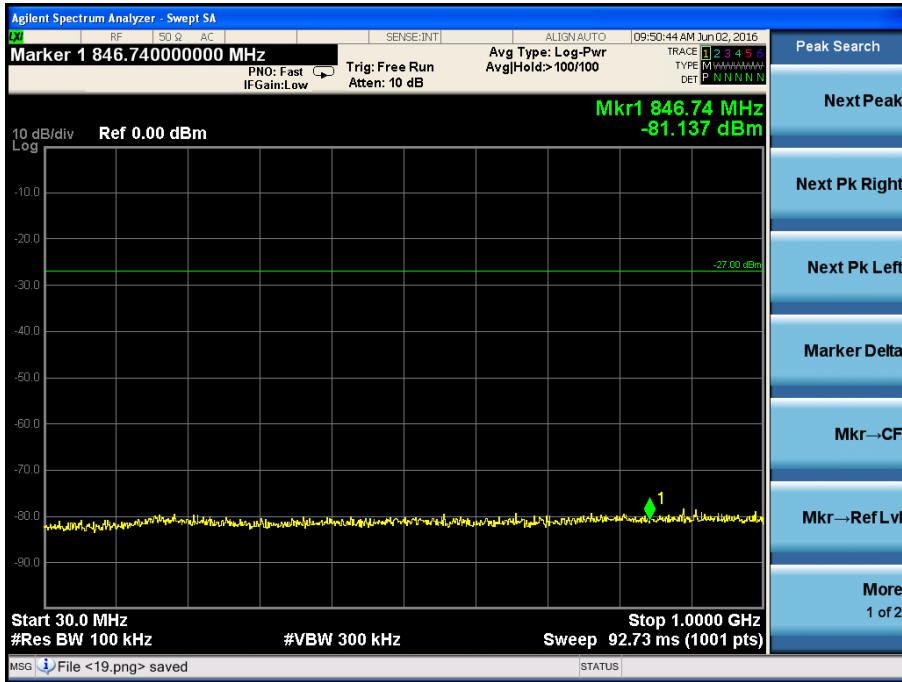
5825MHz



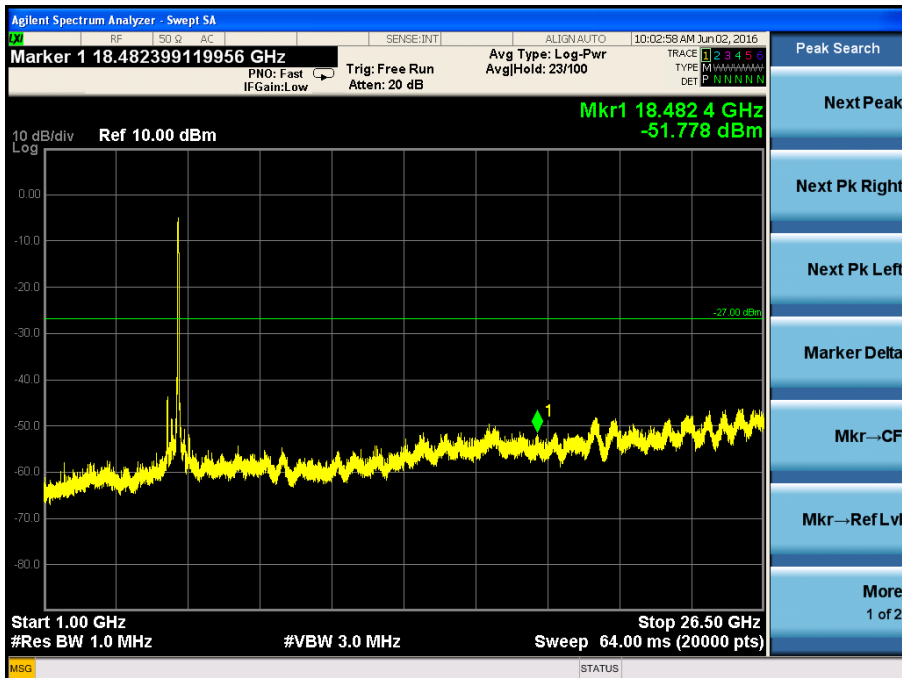
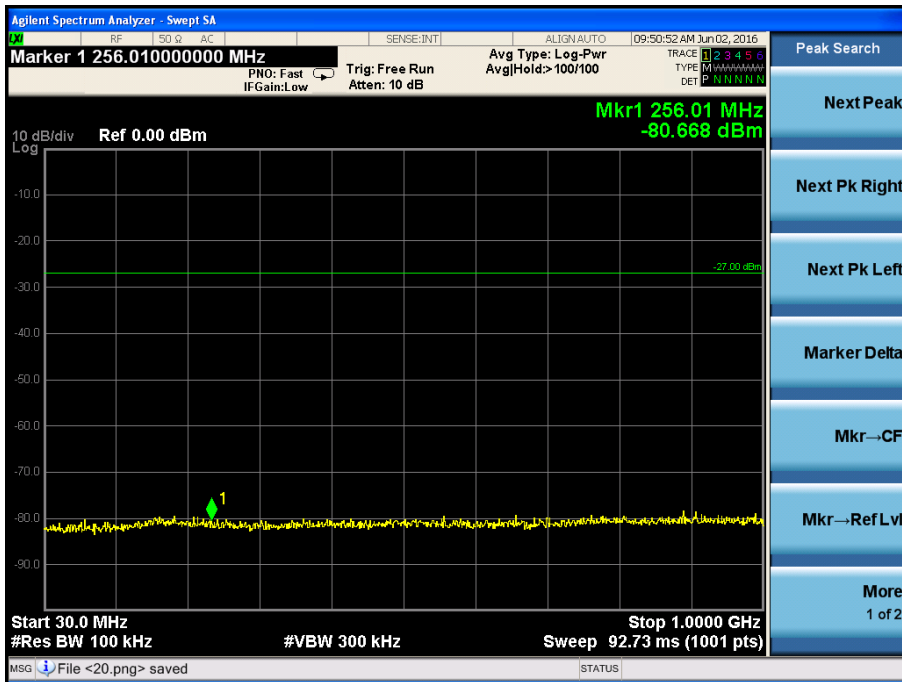
802.11n-HT40
5190MHz



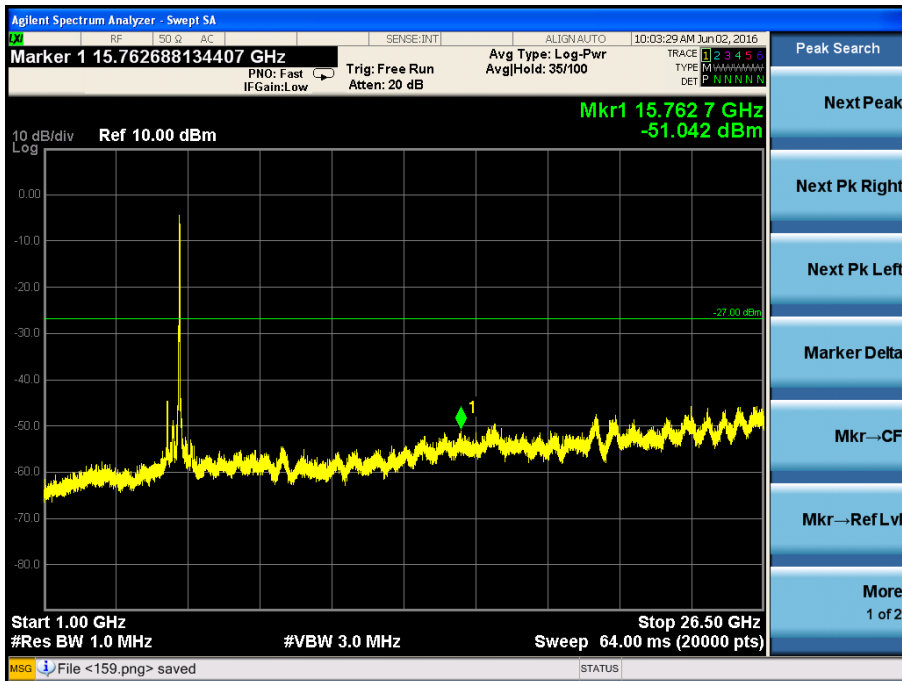
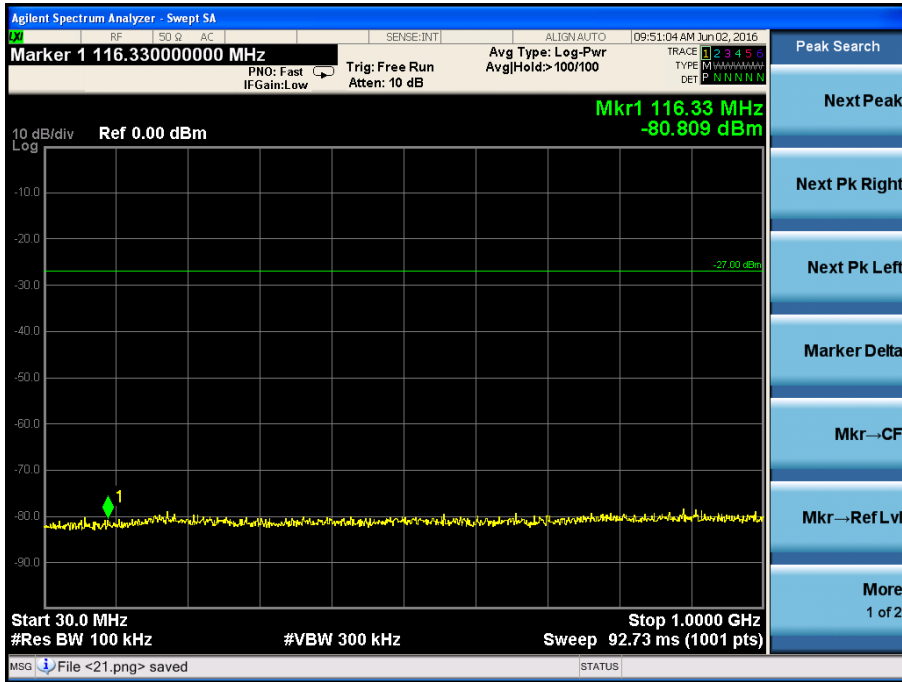
5230MHz



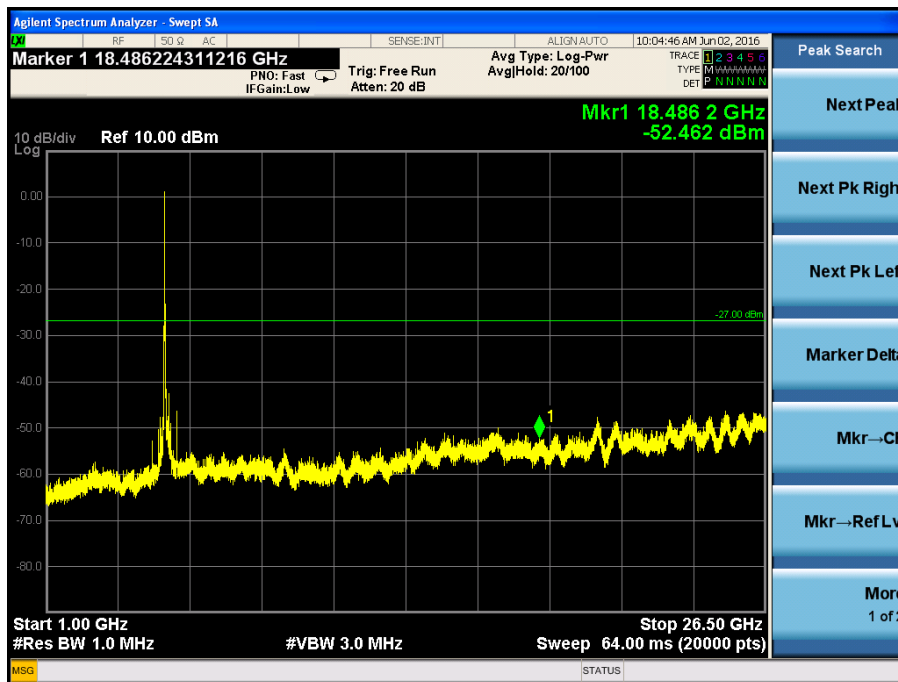
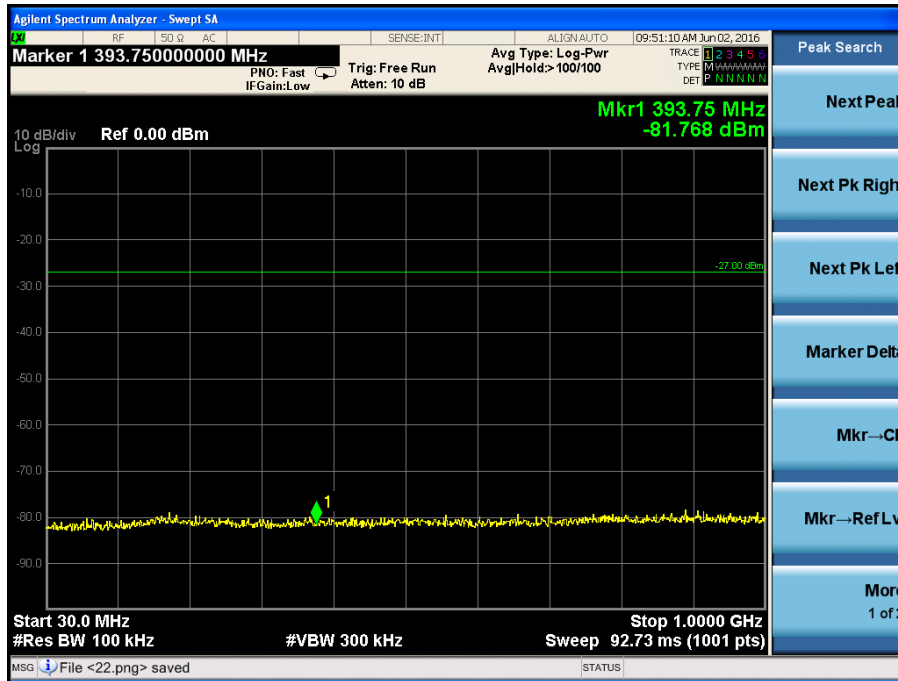
5755MHz



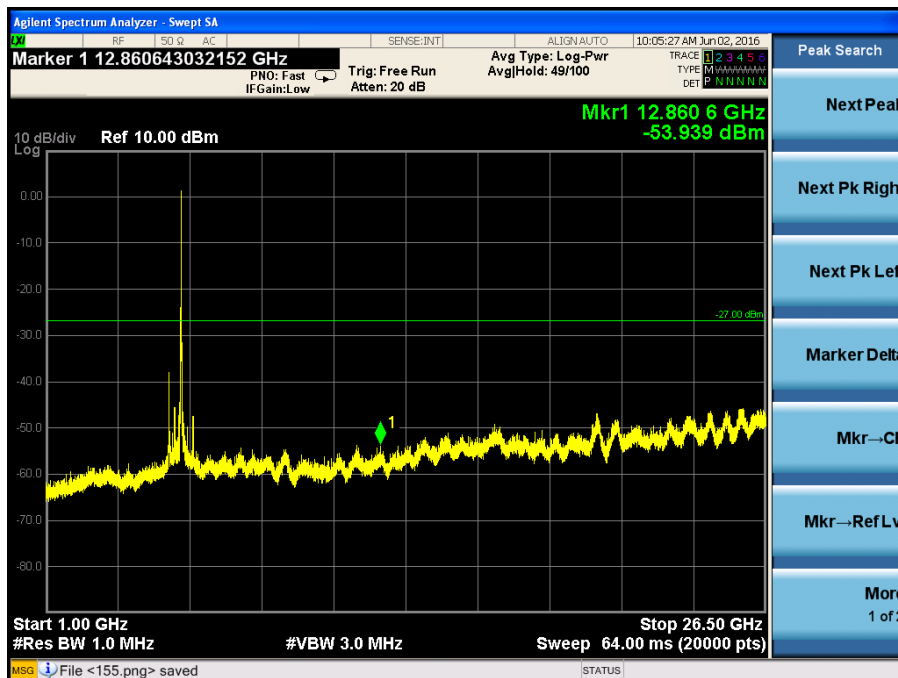
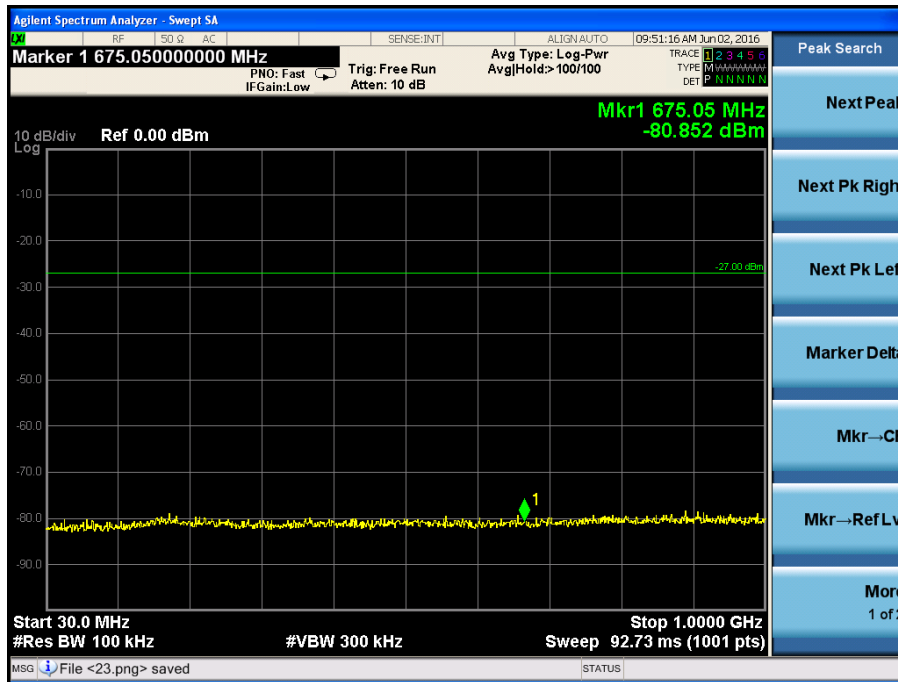
5795MHz



802.11ac-HT80
5210MHz



5775MHz



11. Radiated Spurious Emissions

11.1 Standard Applicable

According to §15.407(b)(6), Unwanted emissions below 1 GHz must comply with the general field strength limits set forth in Section 15.209.

According to §15.407(b)(7), The provisions of Section 15.205 of this part apply to intentional radiators operating under this section.

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If radiated measurements are performed, field strength is then converted to EIRP as follows:

$$\text{EIRP} = ((E*d)^2) / 30$$

where:

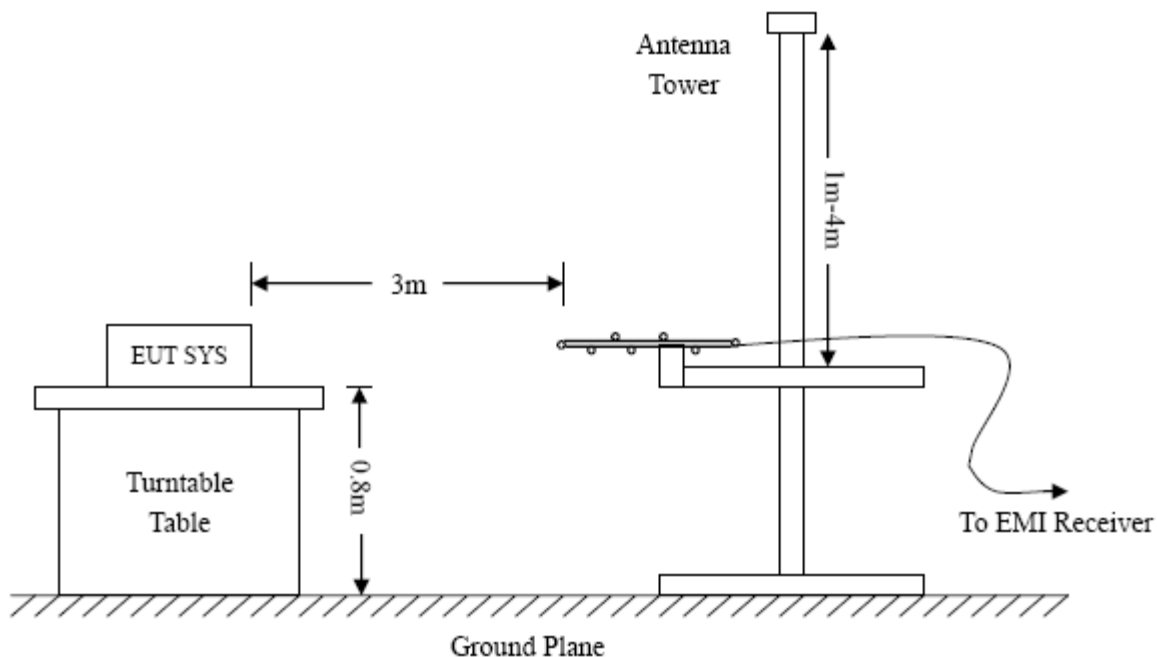
- E is the field strength in V/m;
- d is the measurement distance in meters;
- EIRP is the equivalent isotropically radiated power in watts.

11.2 Test Procedure

The setup of EUT is according with per ANSI C63.10-2013 measurement procedure. The specification used was with the FCC Part 15.205 15.407(b)(6) and FCC Part 15.209 Limit..

The external I/O cables were draped along the test table and formed a bundle 30 to 40 cm long in the middle.

The spacing between the peripherals was 10 cm.



11.3 Test Receiver Setup

During the radiated emission test for above 1GHz, the test receiver was set with the following configurations:

For peak detector:

RBW = 1000kHz, VBW = 3000kHz, Sweep Time = Auto

For average detector:

RBW = 1000kHz, VBW = 10Hz, Sweep Time = Auto

11.4 Corrected Amplitude & Margin Calculation

The Corrected Amplitude is calculated adding the Antenna Factor and the Cable Factor, and subtracting the Amplifier Gain from the Amplitude reading. The basic equation is as follows:

$$\text{Corr. Ampl.} = \text{Indicated Reading} + \text{Ant. Factor} + \text{Cable Loss} - \text{Ampl. Gain}$$

The “**Margin**” column of the following data tables indicates the degree of compliance with the applicable limit. For example, a margin of -6dB μ V means the emission is 6dB μ V below the maximum limit for Class B. The equation for margin calculation is as follows:

$$\text{Margin} = \text{Corr. Ampl.} - \text{FCC Part 15 Limit}$$

11.5 Environmental Conditions

Temperature:	22° C
Relative Humidity:	52%
ATM Pressure:	1012 mbar

11.6 Summary of Test Results/Plots

According to the data below, the FCC Part 15.205, 15.209 and 15.407(b)(6) standards, and had the worst margin of:

Note: this EUT was tested in 3 orthogonal positions and the worst case position data was reported.

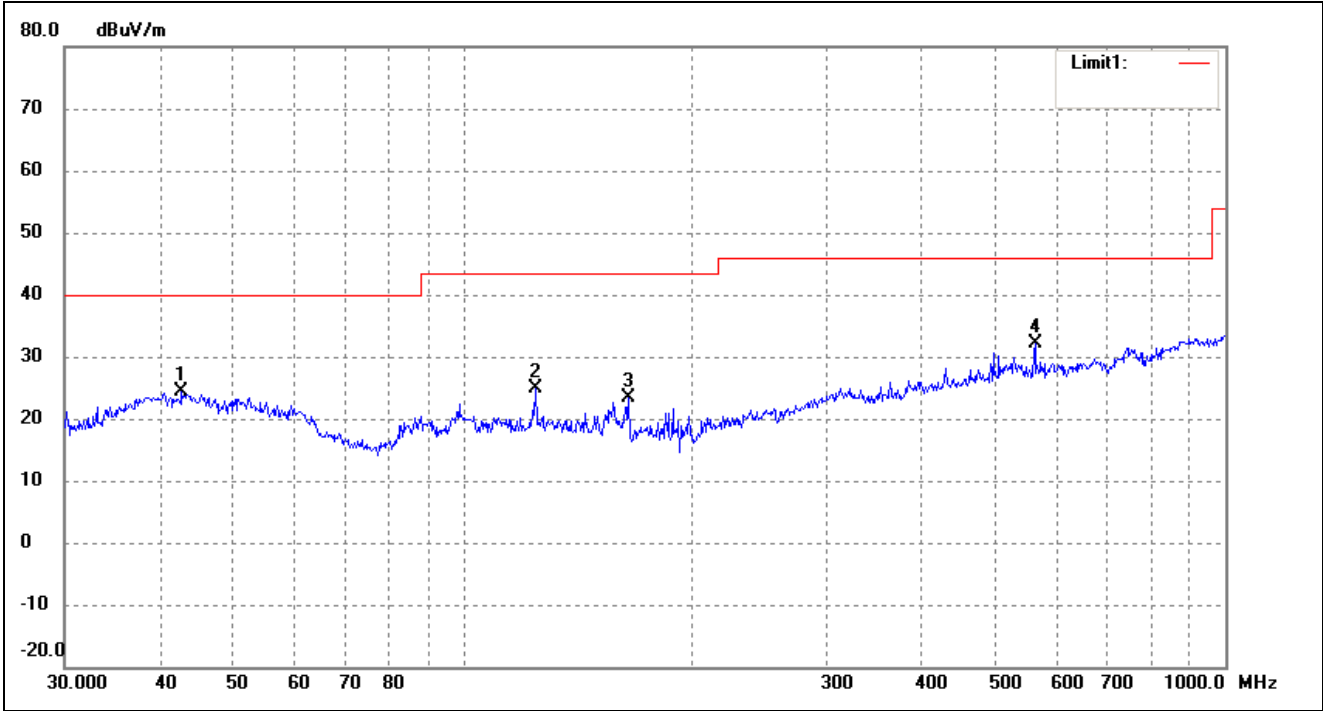
Note: this EUT was tested in the low, high channel and the worst case position data was reported.

For 802.11n-HT20

Spurious Emission From 30 MHz to 1 GHz

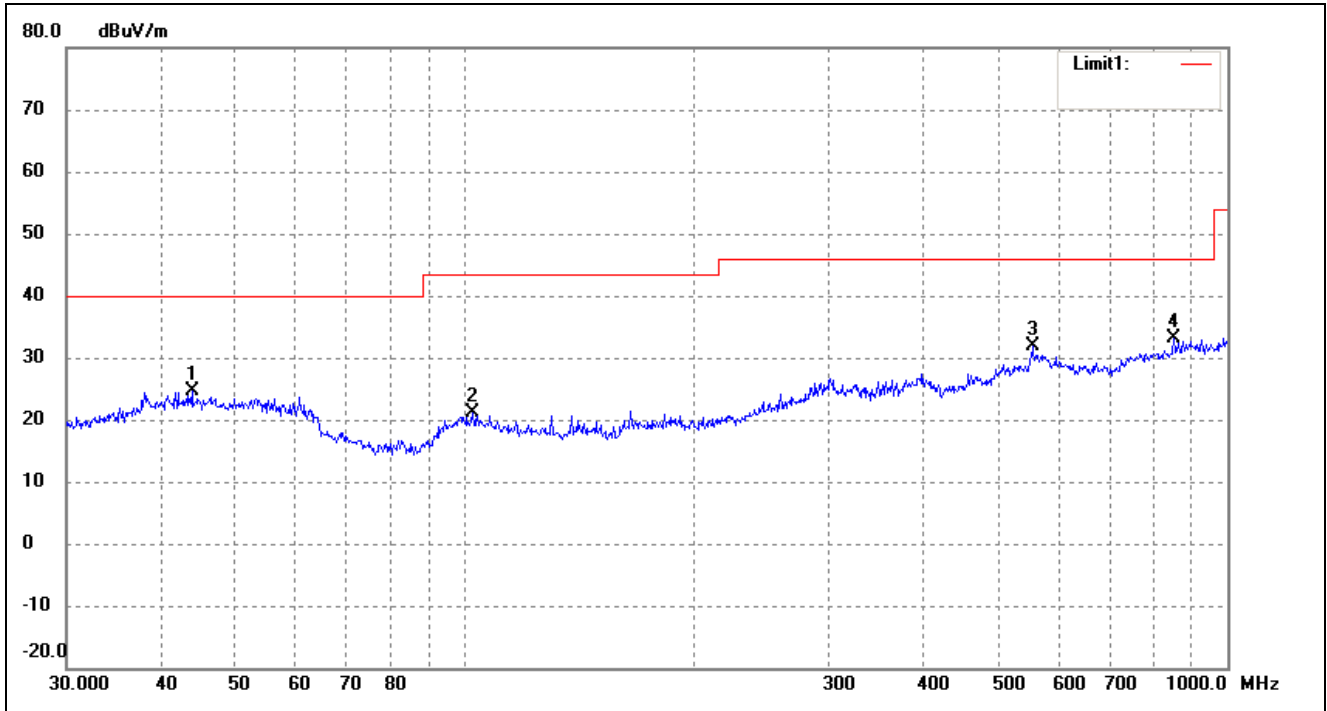
Test mode: Transmitting Channel 5180MHz

Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	42.7496	17.30	6.98	24.28	40.00	-15.72	35	100	peak
2	124.5690	21.12	3.65	24.77	43.50	-18.73	68	100	peak
3	164.9071	20.76	2.65	23.41	43.50	-20.09	105	100	peak
4	562.6624	20.52	11.67	32.19	46.00	-13.81	138	100	peak

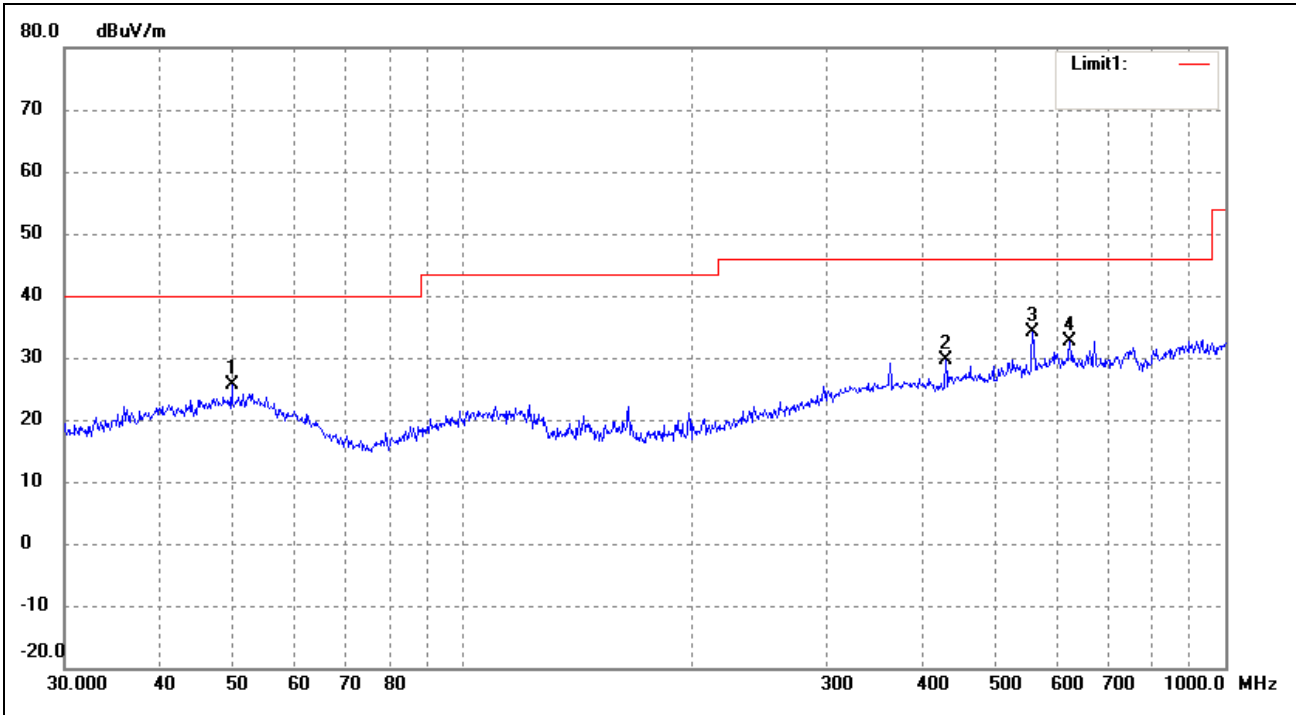
Test Specification: Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	43.8119	16.42	8.12	24.54	40.00	-15.46	41	100	peak
2	102.3597	15.15	5.88	21.03	43.50	-22.47	77	100	peak
3	554.8252	20.44	11.46	31.90	46.00	-14.10	114	100	peak
4	851.0353	17.11	15.97	33.08	46.00	-12.92	172	100	peak

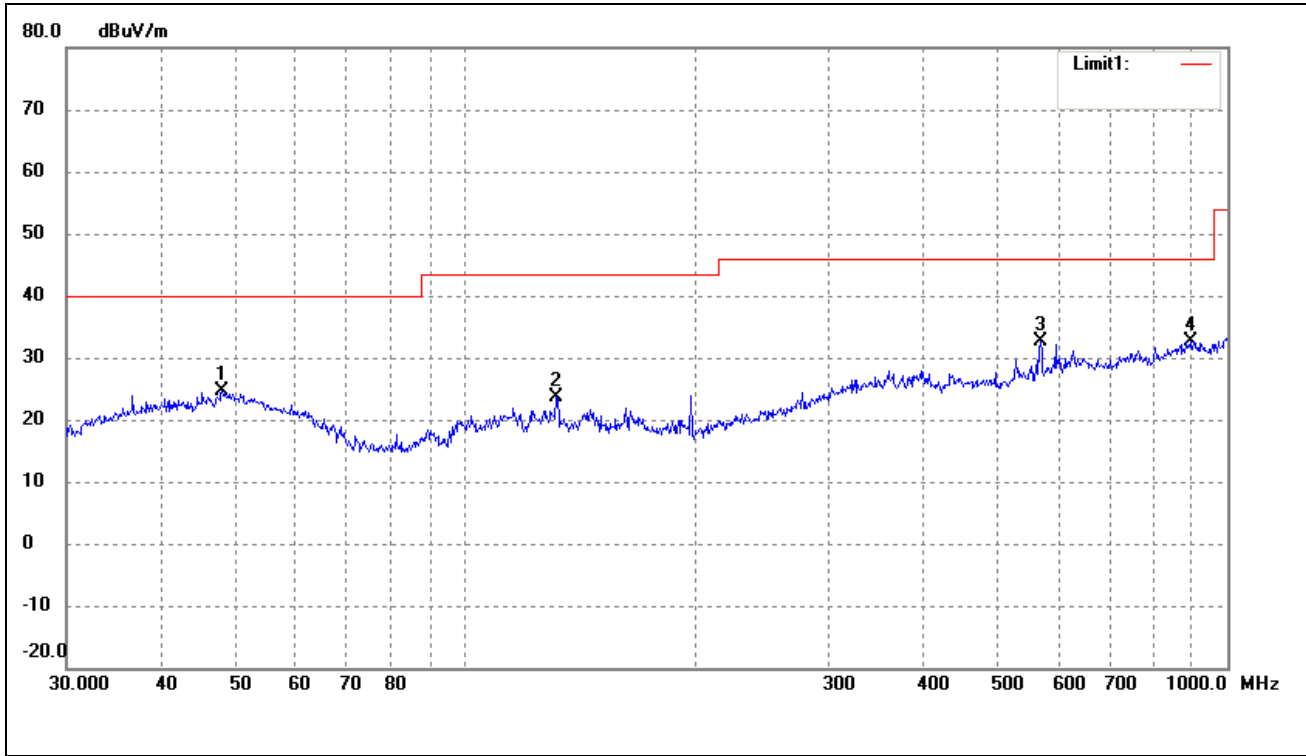
Test mode: Transmitting Channel 5745MHz

Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	49.7068	19.33	6.29	25.62	40.00	-14.38	46	100	peak
2	429.5228	19.86	9.68	29.54	46.00	-16.46	149	100	peak
3	558.7300	22.54	11.52	34.06	46.00	-11.94	169	100	peak
4	625.0778	20.58	12.11	32.69	46.00	-13.31	212	100	peak

Test Specification: Vertical

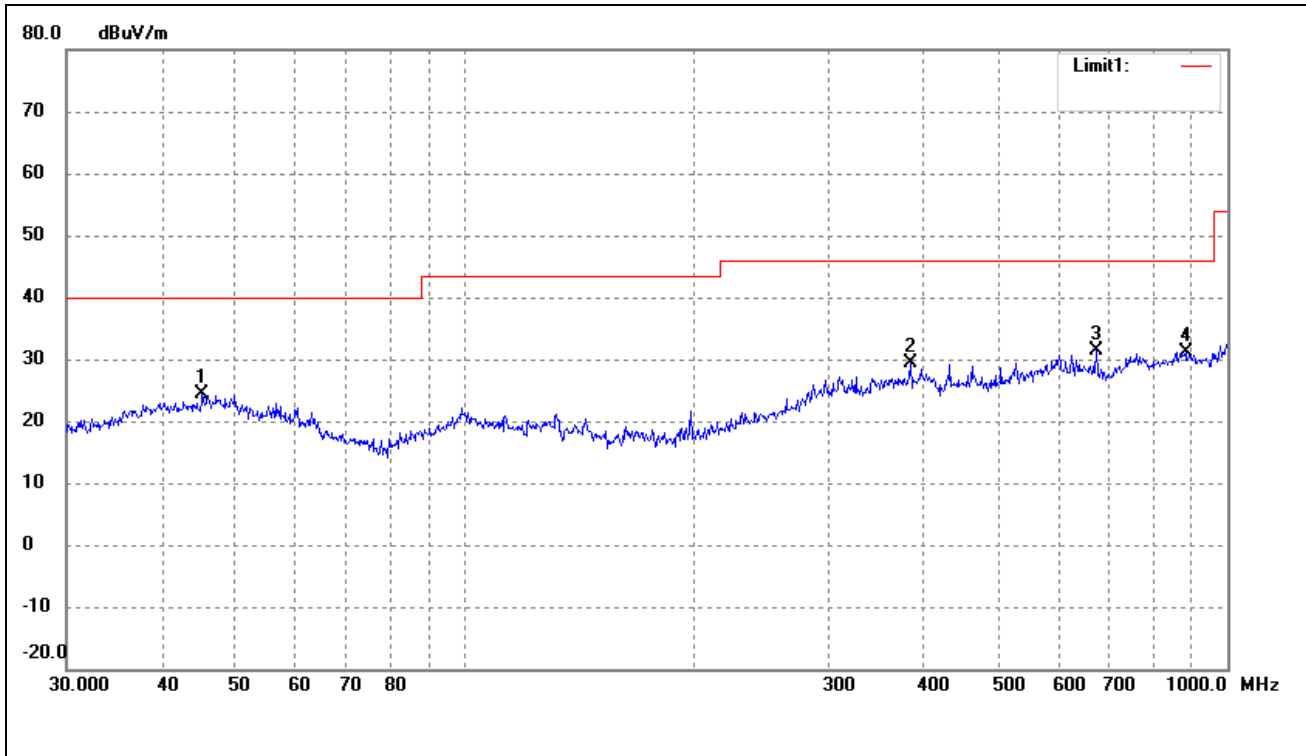


No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	47.9938	17.73	6.86	24.59	40.00	-15.41	39	100	peak
2	131.7574	20.50	3.07	23.57	43.50	-19.93	97	100	peak
3	568.6127	20.66	11.98	32.64	46.00	-13.36	156	100	peak
4	893.8567	15.68	16.85	32.53	46.00	-13.47	221	100	peak

For 802.11n-HT40

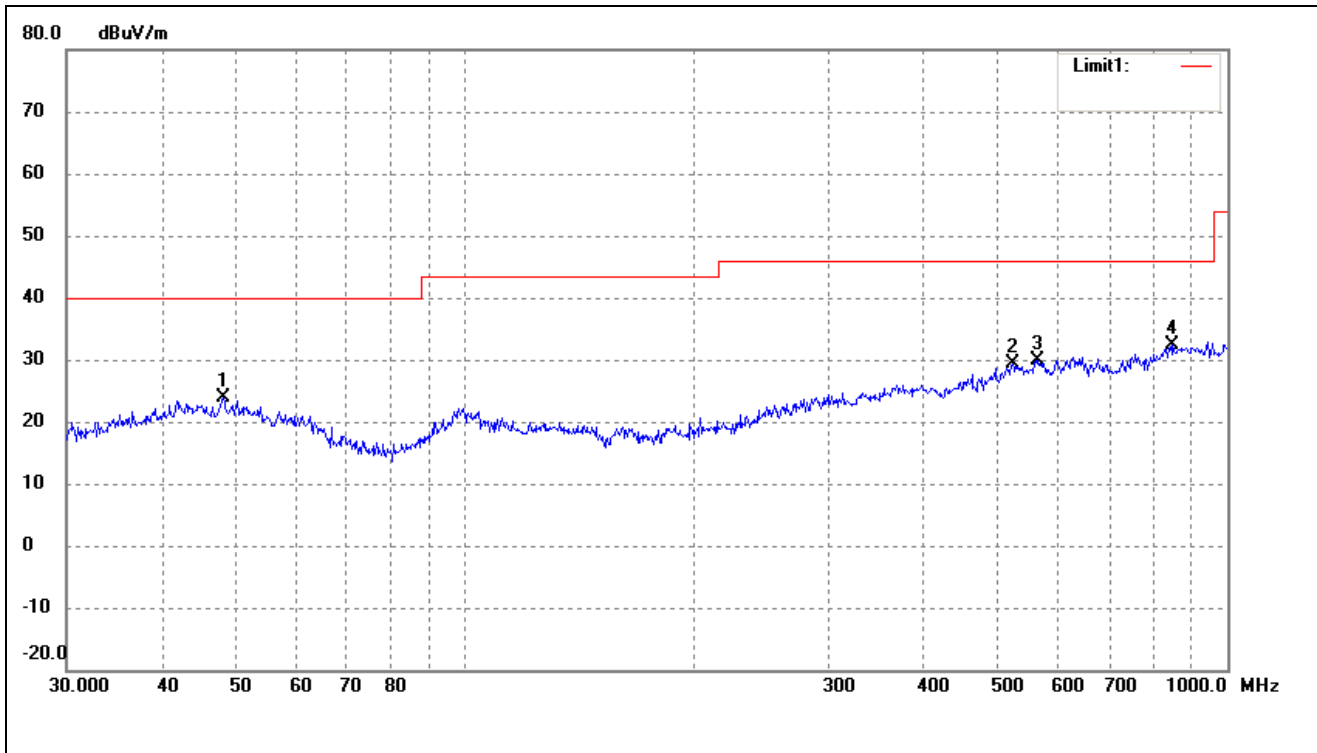
Test mode: Transmitting Channel 5190MHz

Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	45.2165	17.53	6.74	24.27	40.00	-15.73	54	100	peak
2	383.9318	20.07	9.38	29.45	46.00	-16.55	125	100	peak
3	672.8445	19.24	12.22	31.46	46.00	-14.54	167	100	peak
4	881.4067	14.27	16.82	31.09	46.00	-14.91	241	100	peak

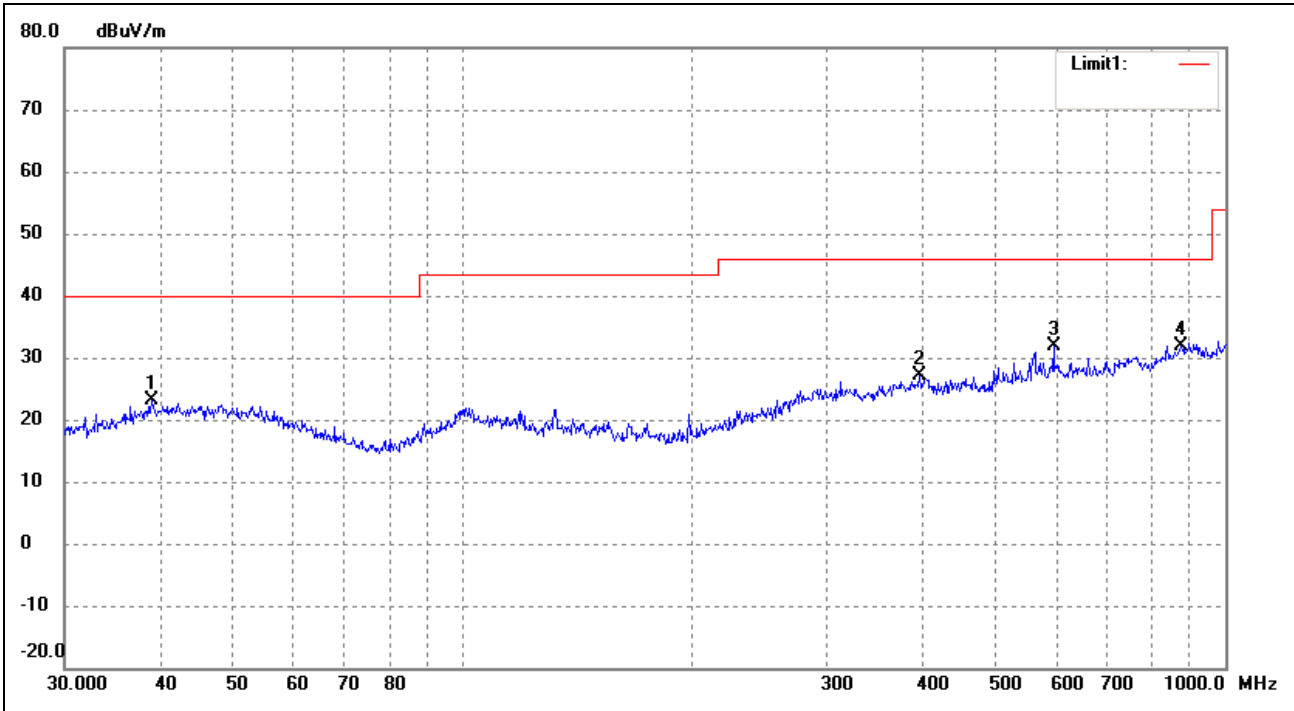
Test Specification: Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	48.1625	16.97	6.81	23.78	40.00	-16.22	37	100	peak
2	522.7178	18.12	11.37	29.49	46.00	-16.51	204	100	peak
3	564.6389	18.12	11.77	29.89	46.00	-16.11	232	100	peak
4	848.0561	16.42	15.86	32.28	46.00	-13.72	268	100	peak

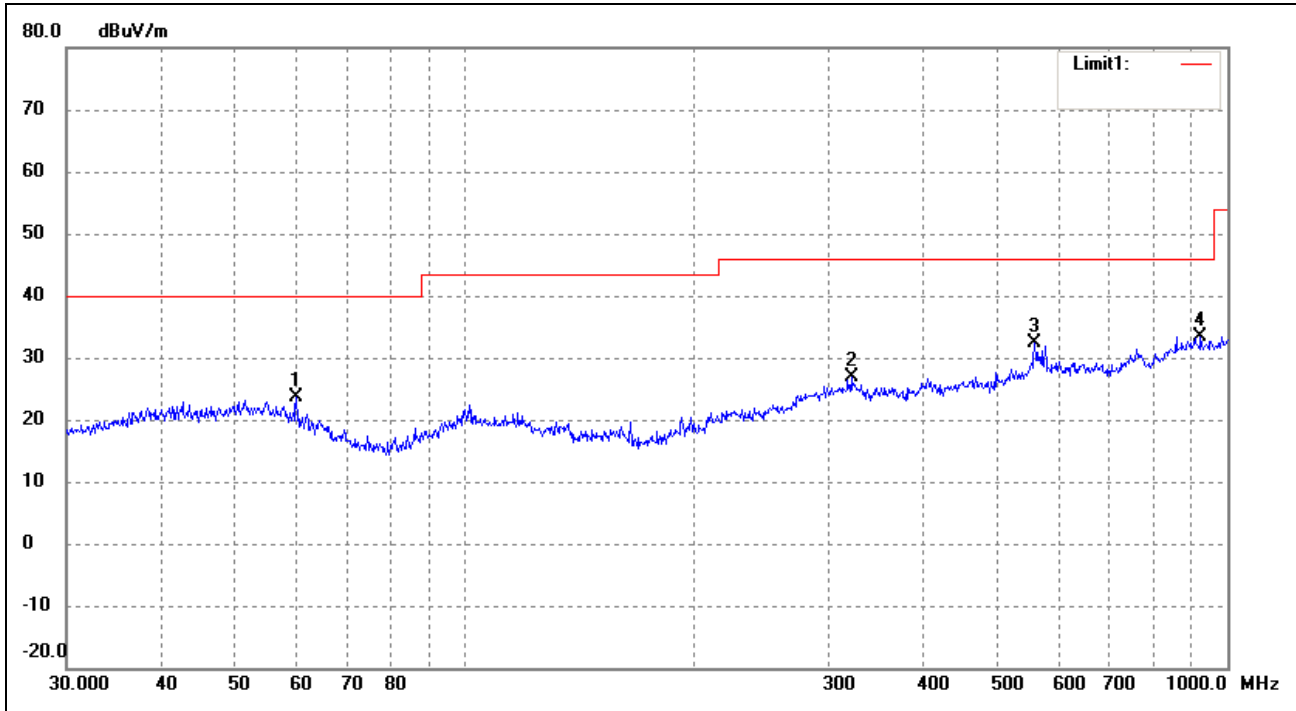
Test mode: Transmitting Channel 5755MHz

Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	39.0245	14.03	9.08	23.11	40.00	-16.89	29	100	peak
2	396.2413	17.29	9.95	27.24	46.00	-18.76	135	100	peak
3	595.1326	18.85	13.14	31.99	46.00	-14.01	174	100	peak
4	875.2468	15.18	16.70	31.88	46.00	-14.12	218	100	peak

Test Specification: Vertical



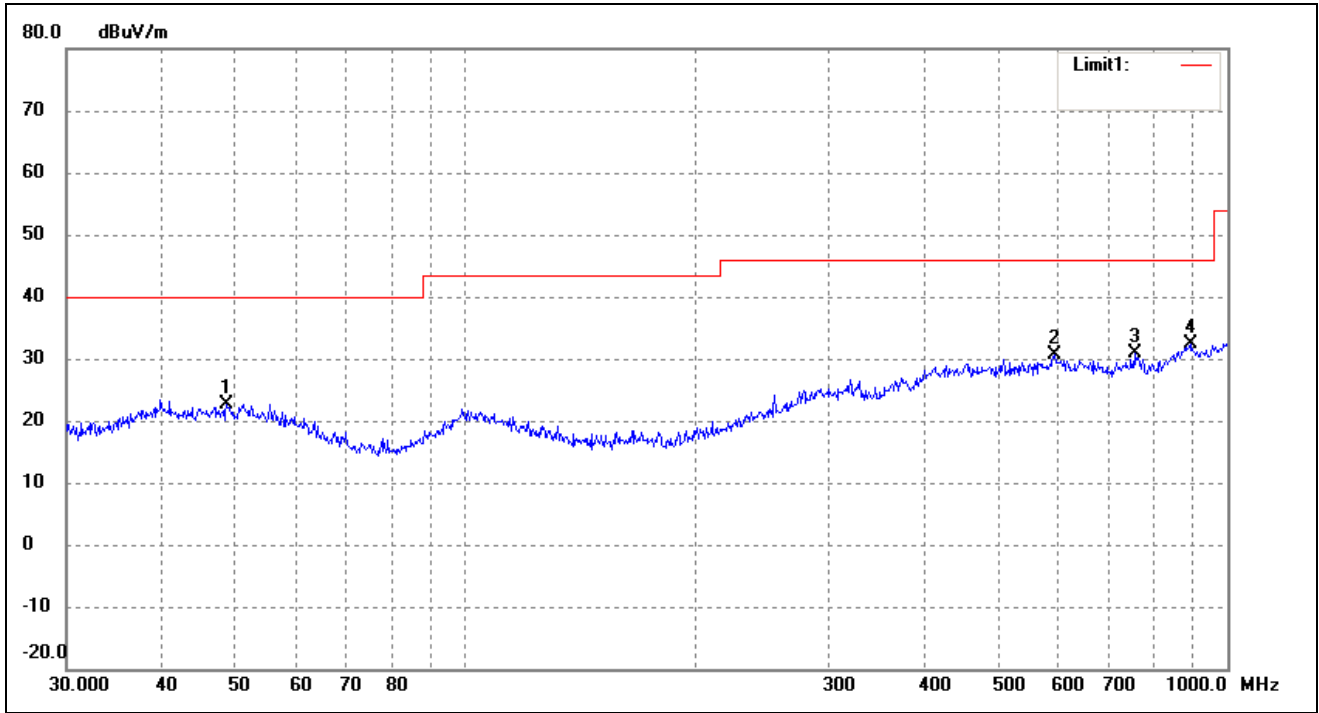
No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	60.0690	18.15	5.36	23.51	40.00	-16.49	54	100	peak
2	321.0606	17.67	9.26	26.93	46.00	-19.07	165	100	peak
3	558.7300	20.75	11.52	32.27	46.00	-13.73	194	100	peak
4	922.5157	16.89	16.44	33.33	46.00	-12.67	237	100	peak

For 802.11ac-HT80

Spurious Emission From 30 MHz to 1 GHz

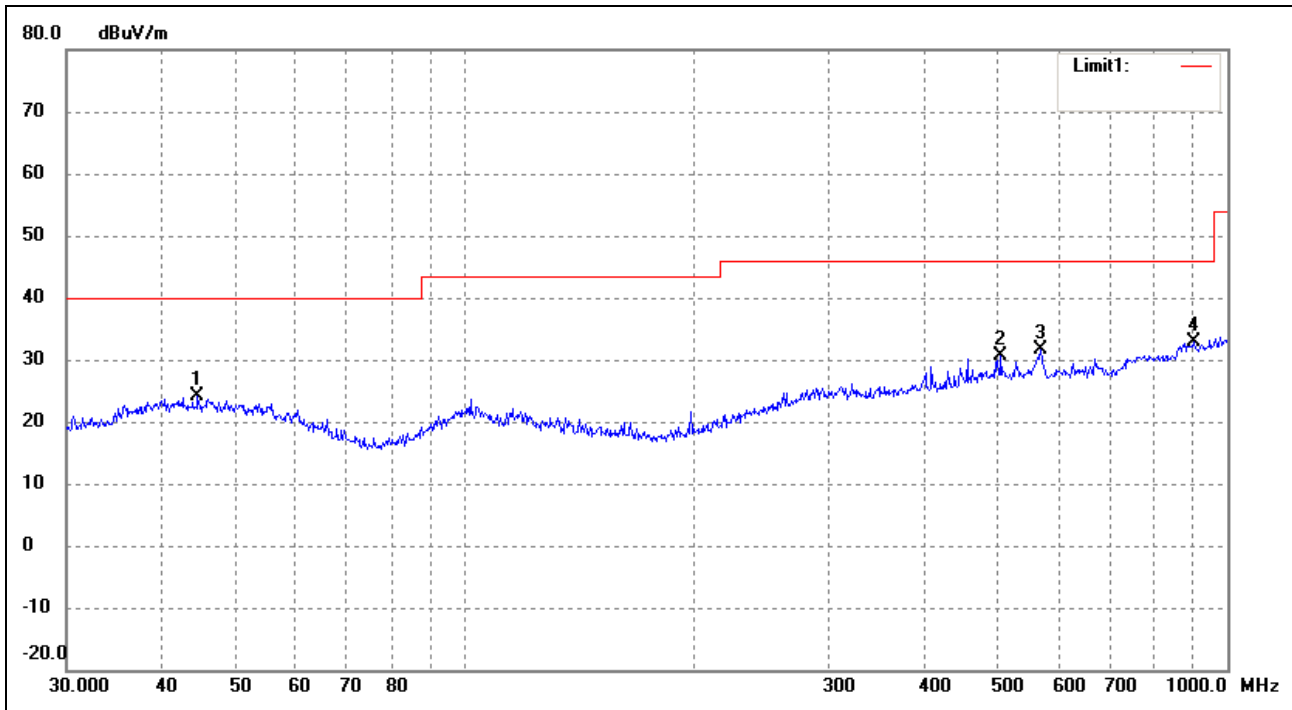
Test mode: Transmitting Channel 5210MHz

Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	48.6719	16.24	6.39	22.63	40.00	-17.37	36	100	peak
2	593.0497	17.45	13.06	30.51	46.00	-15.49	121	100	peak
3	755.3872	16.46	14.40	30.86	46.00	-15.14	167	100	peak
4	893.8567	15.46	16.85	32.31	46.00	-13.69	195	100	peak

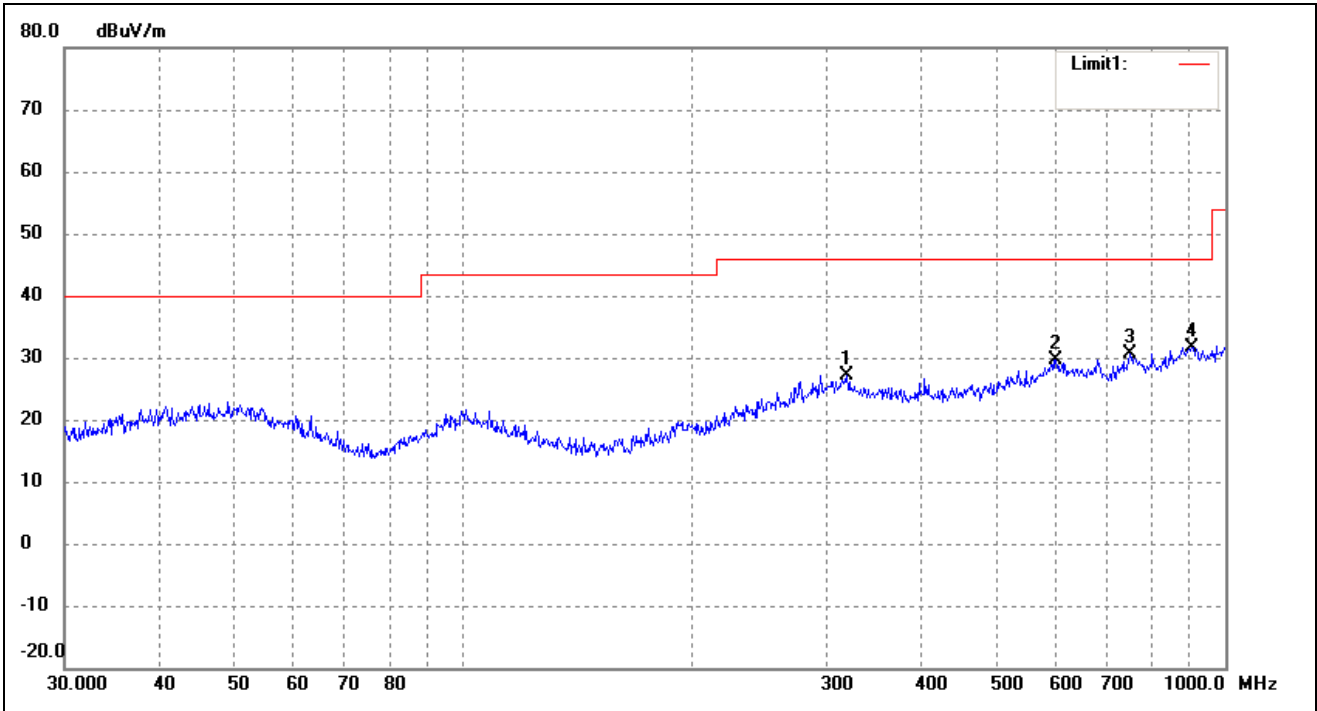
Test Specification: Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	44.5867	16.15	7.88	24.03	40.00	-15.97	44	100	peak
2	504.7062	19.72	10.98	30.70	46.00	-15.30	135	100	peak
3	568.6127	19.54	11.98	31.52	46.00	-14.48	197	100	peak
4	903.3093	15.99	16.79	32.78	46.00	-13.22	251	100	peak

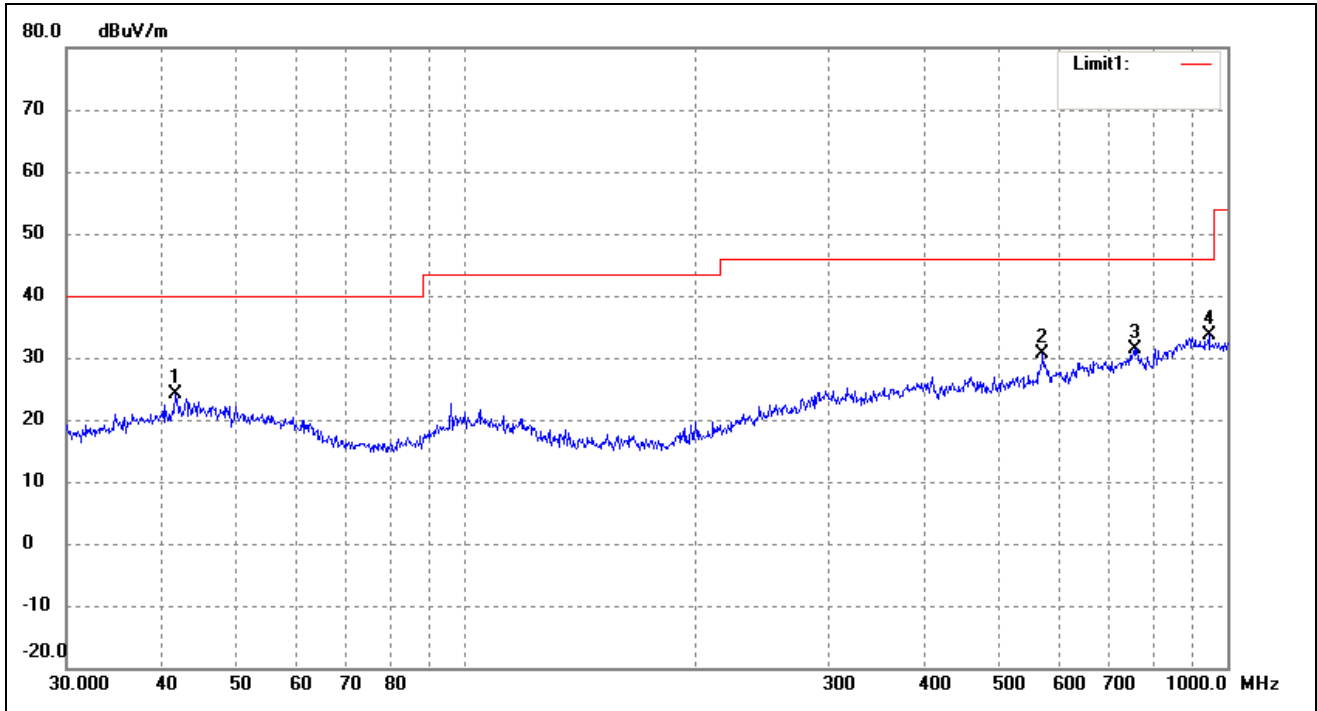
Test mode: Transmitting Channel 5775MHz

Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	318.8170	17.91	9.28	27.19	46.00	-18.81	85	100	peak
2	599.3212	16.34	13.30	29.64	46.00	-16.36	147	100	peak
3	750.1082	16.64	14.10	30.74	46.00	-15.26	203	100	peak
4	903.3093	14.92	16.79	31.71	46.00	-14.29	269	100	peak

Test Specification: Vertical



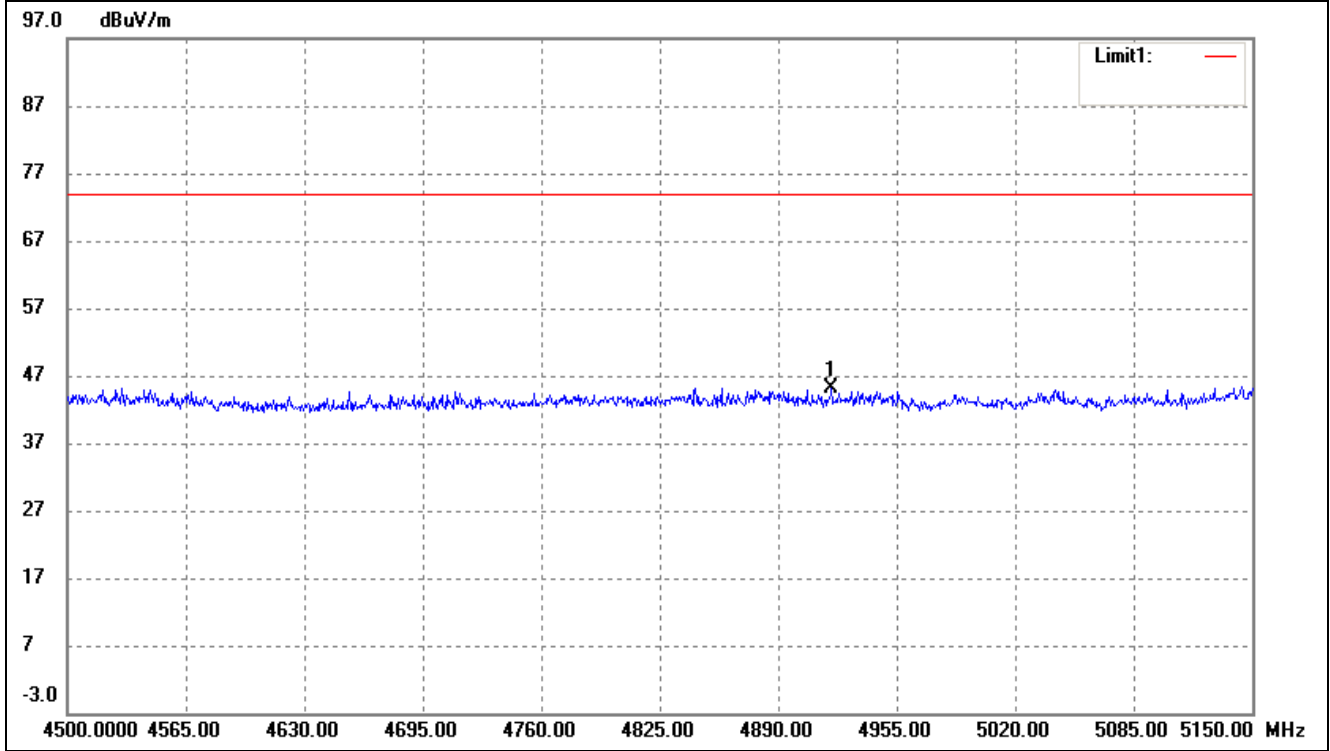
No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	41.7130	15.31	8.74	24.05	40.00	-15.95	26	100	peak
2	572.6144	18.56	12.19	30.75	46.00	-15.25	164	100	peak
3	755.3872	16.60	14.86	31.46	46.00	-14.54	215	100	peak
4	945.4397	17.32	16.25	33.57	46.00	-12.43	283	100	peak

802.11n HT20

Spurious Emission above 1GHz

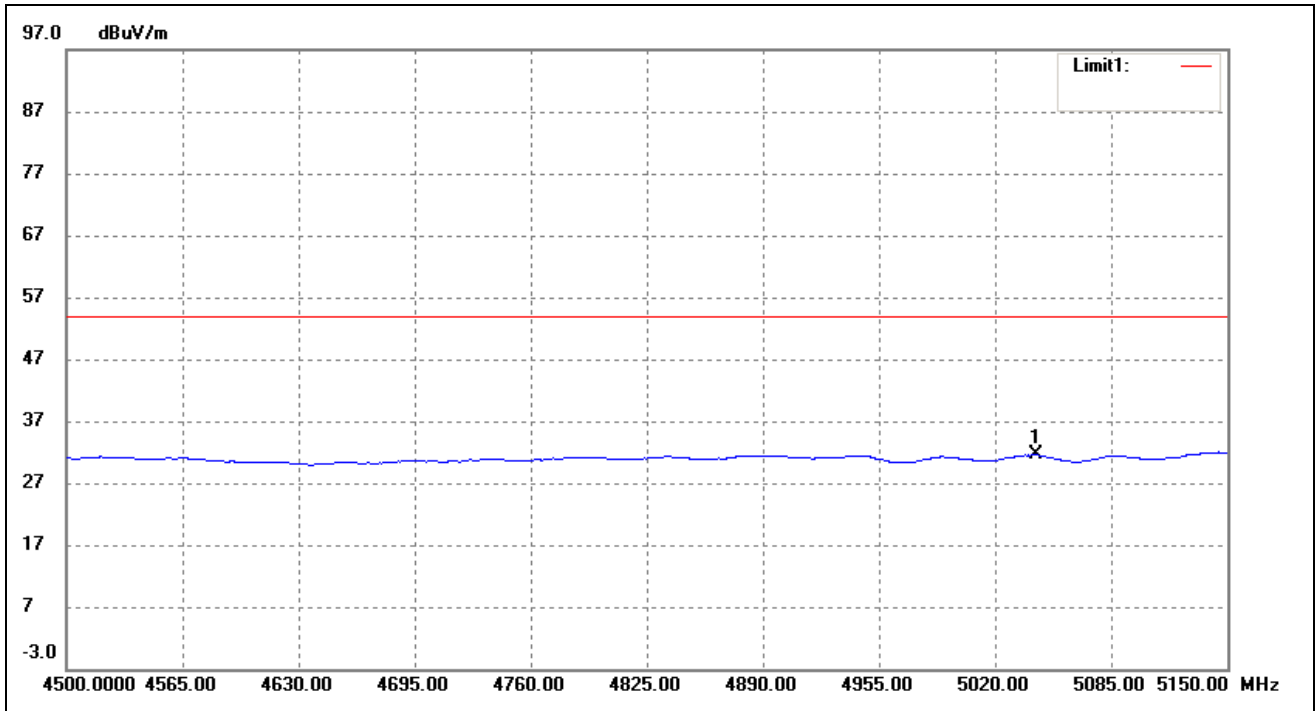
For the frequency band 5.15-5.25GHz(802.11n HT20)

Restricted Bandedge Peak



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	4919.250	45.89	-0.69	45.20	74.00	-28.80	55	100	peak

Restricted Bandedge Average



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	5042.750	31.94	-0.38	31.56	54.00	-22.44	55	100	Ave

Harmonics And Spurious Emissions

Frequency MHz	Detector	Meter Reading dBuV	Direction Degree	Polar H / V	Antenna Loss dB	Cable loss dB	Amplifier dB	Correction Amplitude dBuV/m	Limit dBuV/m	Margin dB
Low Channel (5180MHz)										
15540	PK	45.0	55	V	40.7	10.9	39.6	57.0	74	-17.0
15540	PK	46.1	55	H	40.7	10.9	39.6	58.1	74	-15.9
15540	AV	30.3	55	V	40.7	10.9	39.6	42.3	54	-11.7
15540	AV	30.4	55	H	40.7	10.9	39.6	42.4	54	-11.6
High Channel (5240MHz)										
15720	PK	46.3	55	V	40.7	10.9	39.6	58.3	74	-15.7
15720	PK	45.6	55	H	40.7	10.9	39.6	57.6	74	-16.4
15720	AV	31.2	55	V	40.7	10.9	39.6	43.2	54	-10.8
15720	AV	30.3	55	H	40.7	10.9	39.6	42.3	54	-11.7

Out of Band edge

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5150	-47.34	-27
Highest	Above 5350	-46.55	-27

Note: the data just list the worst cases

For the frequency band 5.725-5.825GHz (802.11n HT20)

Harmonics And Spurious Emissions

Frequency MHz	Detector	Meter Reading dBuV	Direction Degree	Polar H / V	Antenna Loss dB	Cable loss dB	Amplifier dB	Correction Amplitude dBuV/m	Limit dBuV/m	Margin dB
Low Channel (5725MHz)										
11450	PK	48.5	360	V	38.9	9.8	40.1	57.1	74	-16.9
11450	PK	49.3	360	H	38.9	9.8	40.1	57.9	74	-16.1
11450	AV	31.1	360	V	38.9	9.8	40.1	39.7	54	-14.3
11450	AV	31.3	360	H	38.9	9.8	40.1	39.9	54	-14.1
High Channel (5825MHz)										
11610	PK	48.9	360	V	38.9	9.8	40.1	57.5	74	-16.5
11610	PK	48.5	360	H	38.9	9.8	40.1	57.1	74	-16.9
11610	AV	32.2	360	V	38.9	9.8	40.1	40.8	54	-13.2
11610	AV	31.4	360	H	38.9	9.8	40.1	40.0	54	-14.0

Out of Band edge

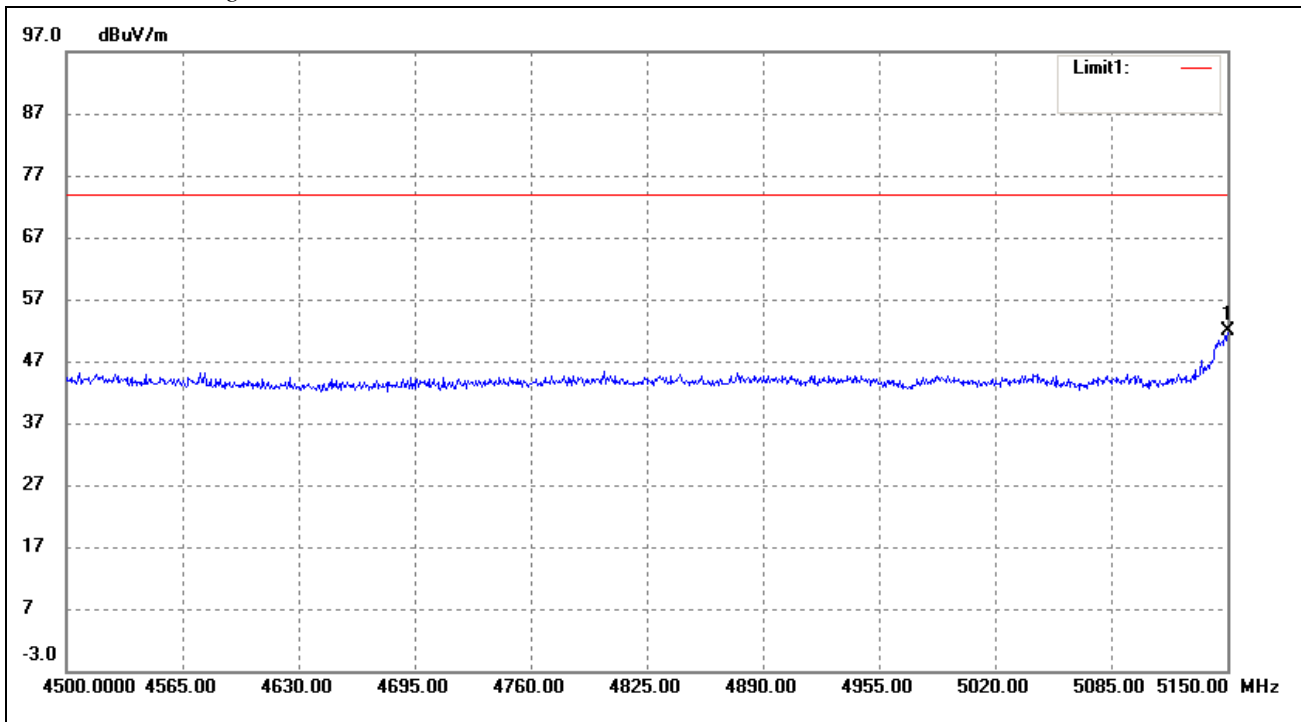
Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5150	-48.36	-27
Highest	Above 5350	-46.30	-27

Note: the data just list the worst cases

802.11n HT40

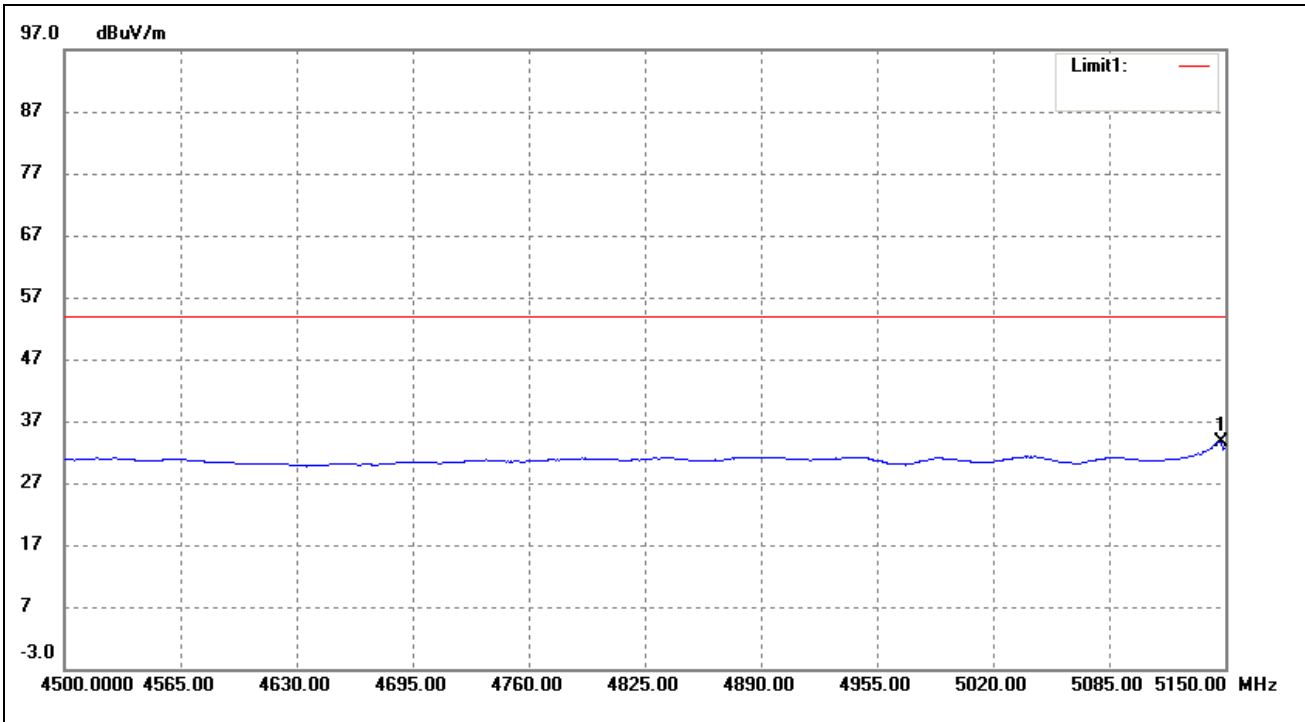
For the frequency band 5.15-5.25GHz(802.11n HT40)

Restricted Bandedge Peak



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	5150.000	52.07	-0.13	51.94	74.00	-22.06	345	100	peak

Restricted Bandedge Average



No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	5147.400	33.87	-0.14	33.73	54.00	-20.27	345	100	Ave

Note: this EUT was tested in the low, high channel and the worst case position data was reported.

Harmonics And Spurious Emissions

Frequency MHz	Detector	Meter Reading dBuV	Direction Degree	Polar H / V	Antenna Loss dB	Cable loss dB	Amplifier dB	Correction Amplitude dBuV/m	Limit dBuV/m	Margin dB
Low Channel (5180MHz)										
10360	PK	44.4	360	V	40.7	10.9	39.6	56.4	74	-17.6
10360	PK	43.8	360	H	40.7	10.9	39.6	55.8	74	-18.2
10360	AV	29.8	360	V	40.7	10.9	39.6	41.8	54	-12.2
10360	AV	28.9	360	H	40.7	10.9	39.6	40.9	54	-13.1
High Channel (5240MHz)										
10480	PK	43.9	360	V	40.7	10.9	39.6	55.9	74	-18.1
10480	PK	43.3	360	H	40.7	10.9	39.6	55.3	74	-18.7
10480	AV	29.7	360	V	40.7	10.9	39.6	41.7	54	-12.3
10480	AV	28.2	360	H	40.7	10.9	39.6	40.2	54	-13.8

Out of Band edge

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5150	-46.36	-27
Highest	Above 5350	-46.32	-27

Note: the data just list the worst cases

For the frequency band 5.725-5.850GHz(802.11n HT40)

Harmonics And Spurious Emissions

Frequency MHz	Detector	Meter Reading dBuV	Direction Degree	Polar H / V	Antenna Loss dB	Cable loss dB	Amplifier dB	Correction Amplitude dBuV/m	Limit dBuV/m	Margin dB
Low Channel (5745MHz)										
11490	PK	49.2	360	V	38.9	9.8	40.1	57.8	74	-16.2
11490	PK	48.7	360	H	38.9	9.8	40.1	57.3	74	-16.7
11490	AV	32.6	360	V	38.9	9.8	40.1	41.2	54	-12.8
11490	AV	32.0	360	H	38.9	9.8	40.1	40.6	54	-13.4
High Channel (5825MHz)										
11610	PK	48.6	360	V	38.9	9.8	40.1	57.2	74	-16.8
11610	PK	48.9	360	H	38.9	9.8	40.1	57.5	74	-16.5
11610	AV	32.5	360	V	38.9	9.8	40.1	41.1	54	-12.9
11610	AV	32.1	360	H	38.9	9.8	40.1	40.7	54	-13.3

Out of Band edge

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5715	-49.34	-27
	5715 to 5725	-46.32	-17
Highest	5850 to 5860	-47.31	-17
	Above 5860	-49.29	-27

Note: the data just list the worst cases

Note: Testing is carried out with frequency rang 30MHz to 40GHz, which above 3th Harmonics are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

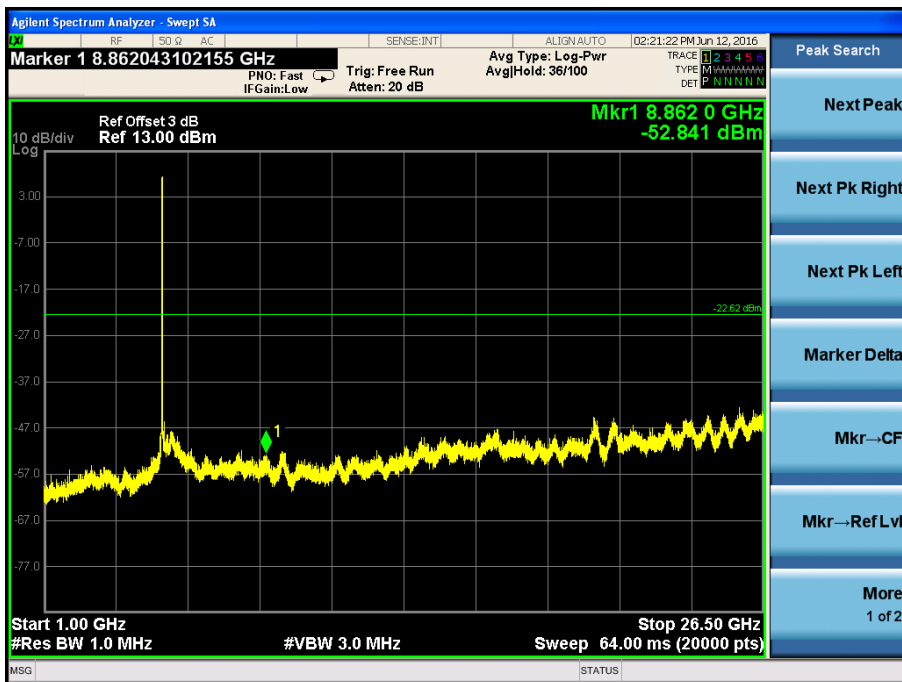
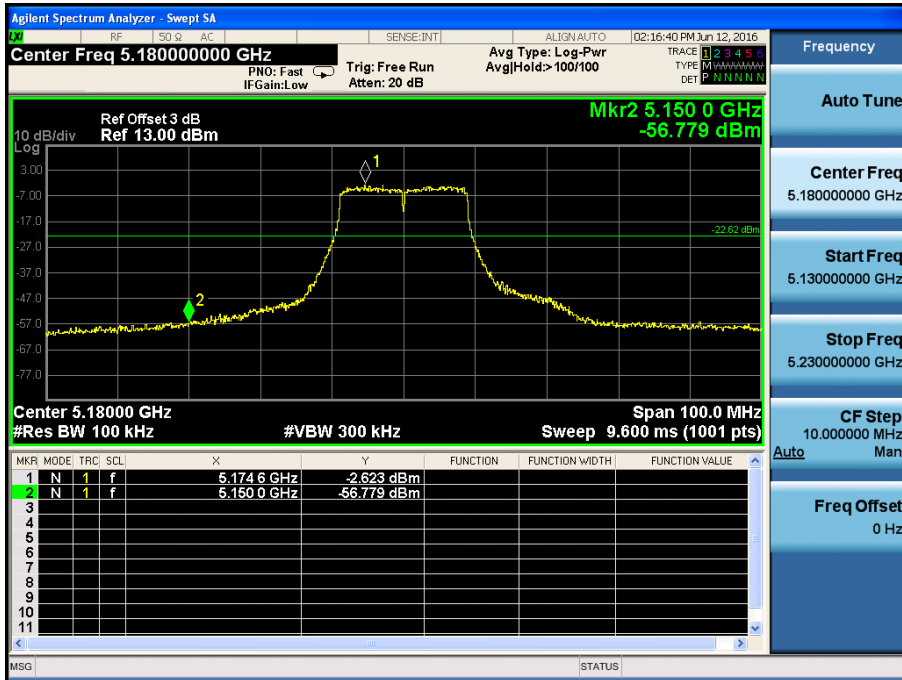
Emissions above 26.5GHz are attenuated more than 20dB below the permissible limits and test data are not reported.

Out-of-Band and Spurious Emission (Conducted)

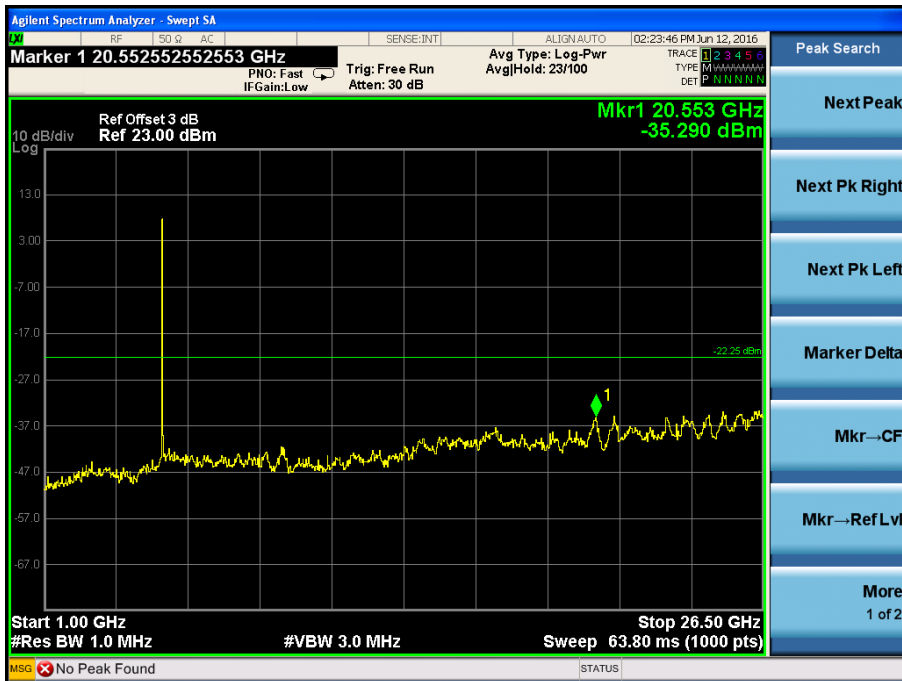
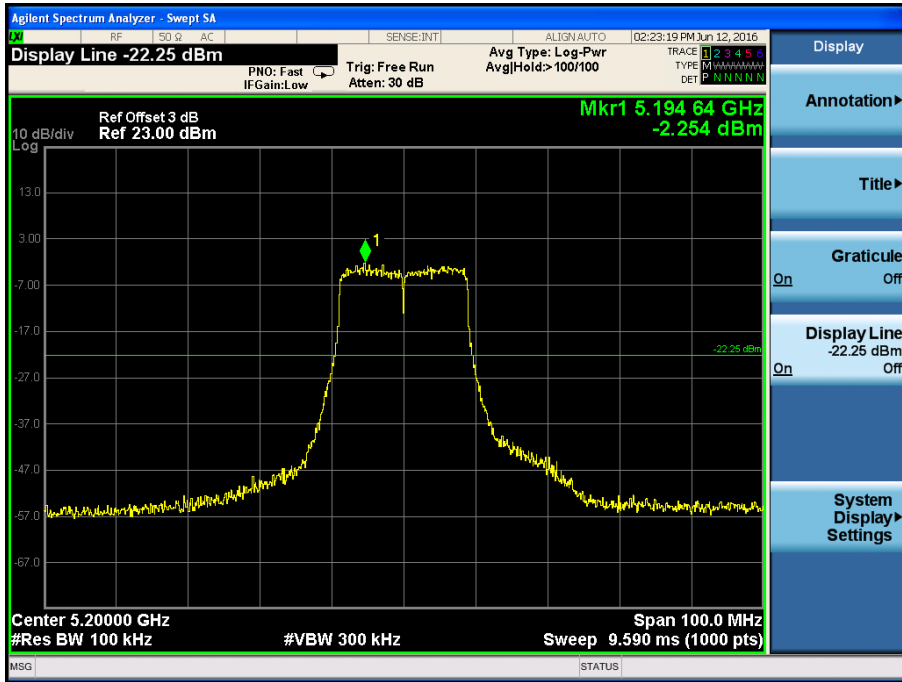
Antenna 1

802.11n-HT20

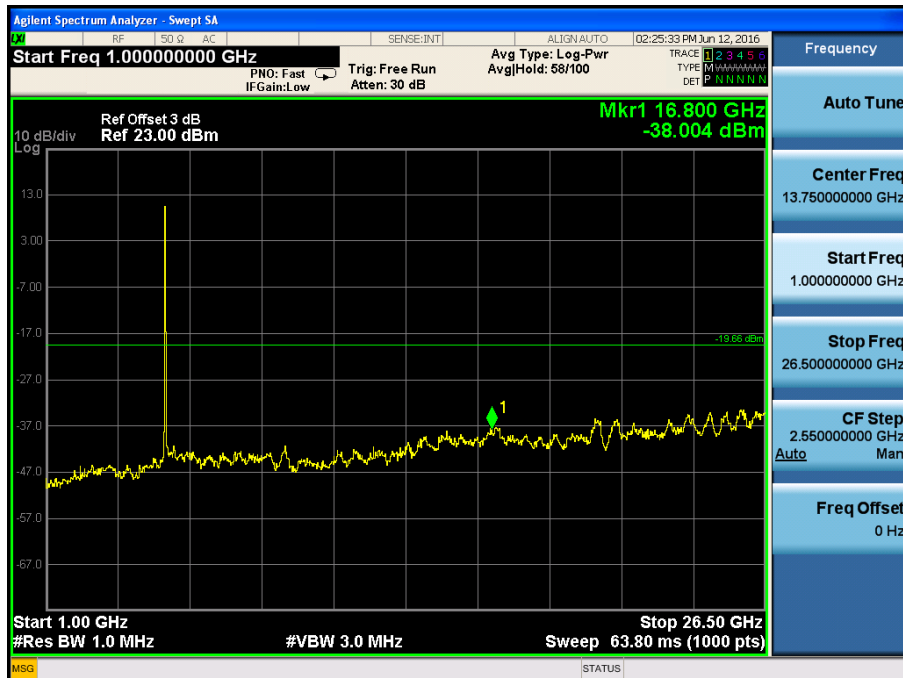
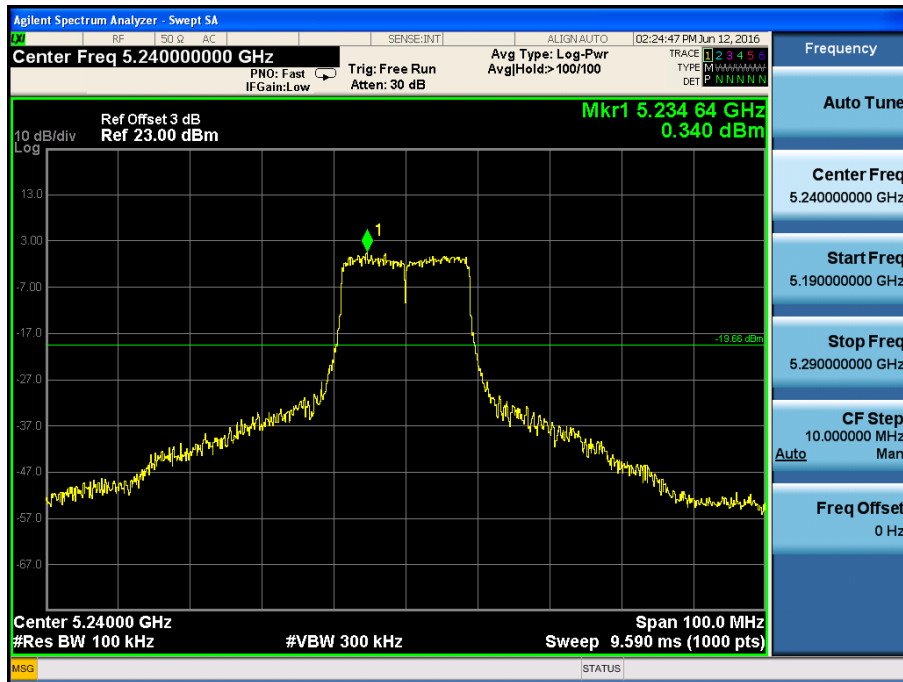
5180MHz



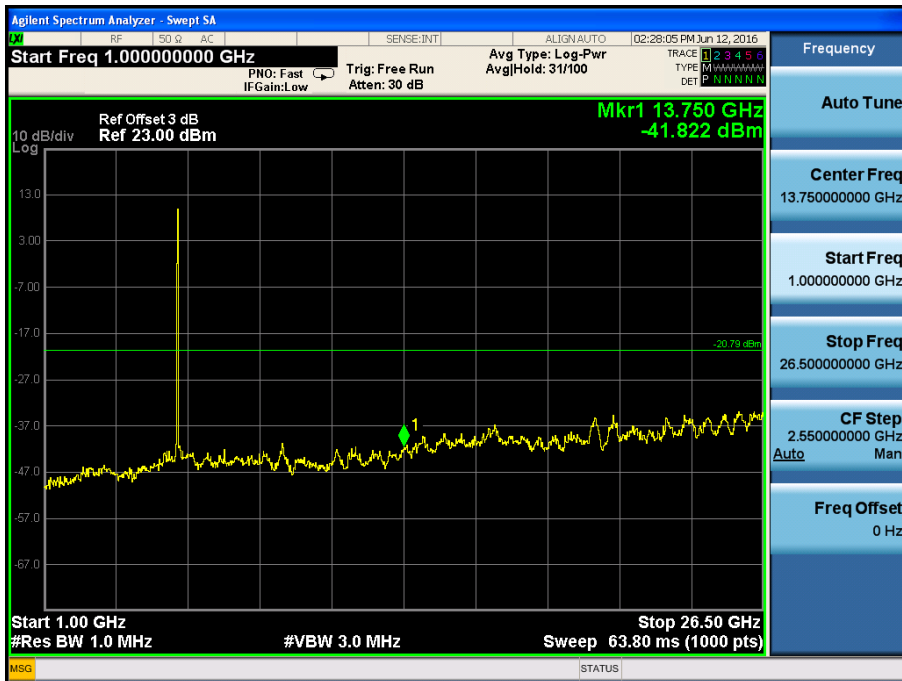
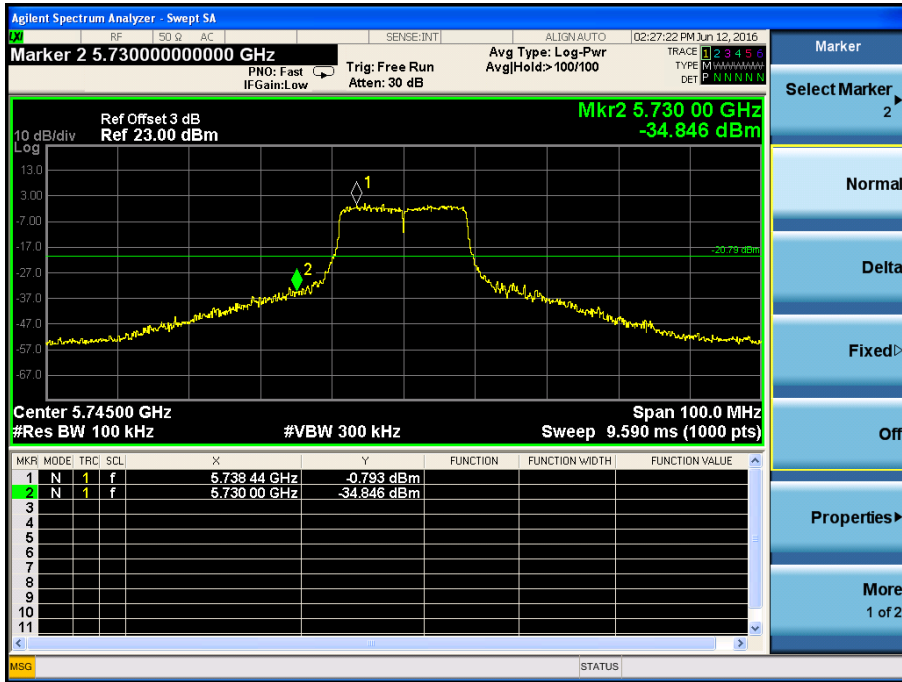
5200MHz



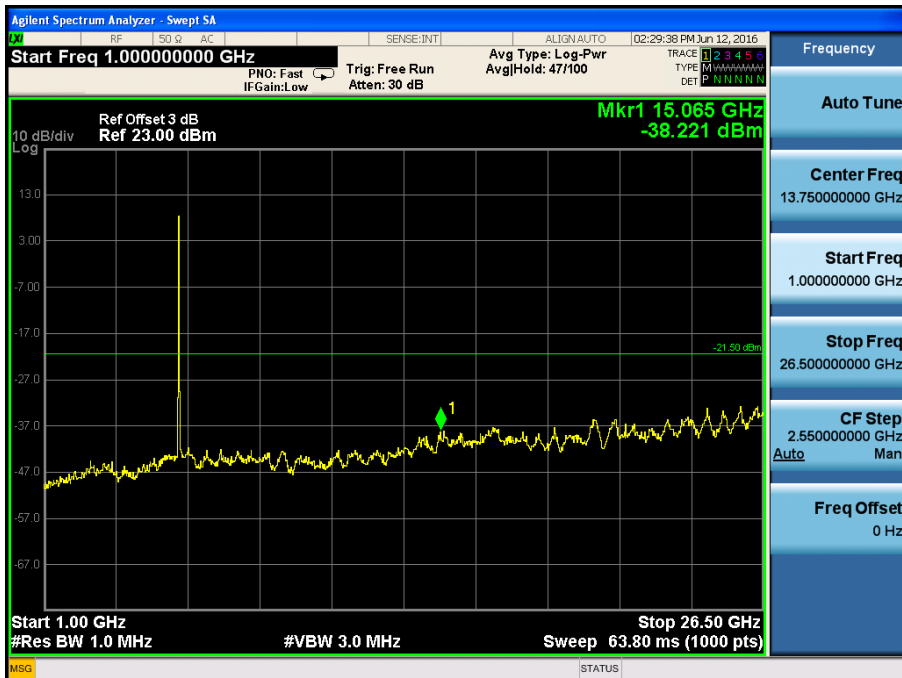
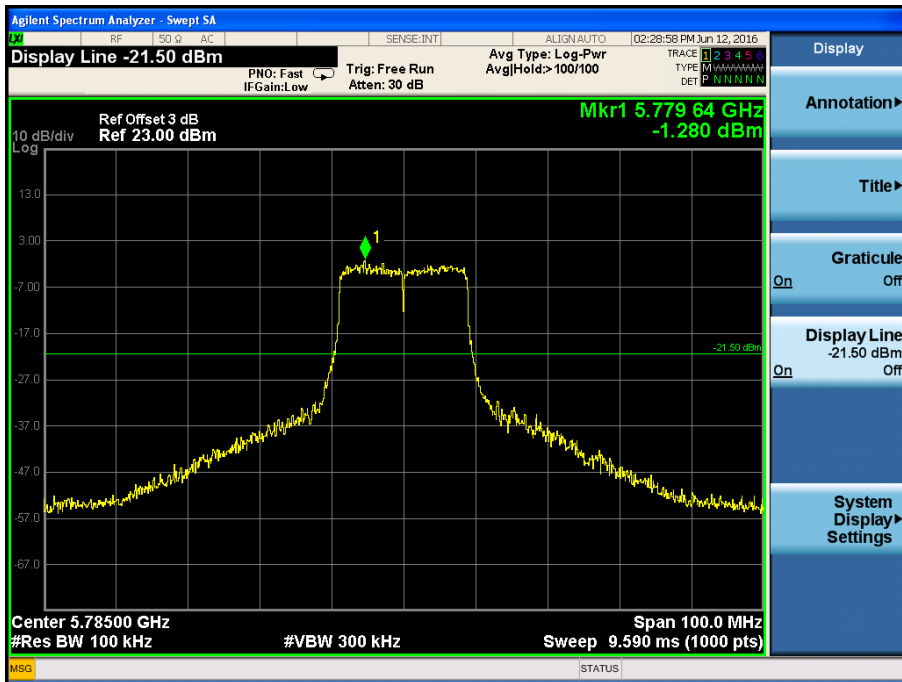
5240MHz



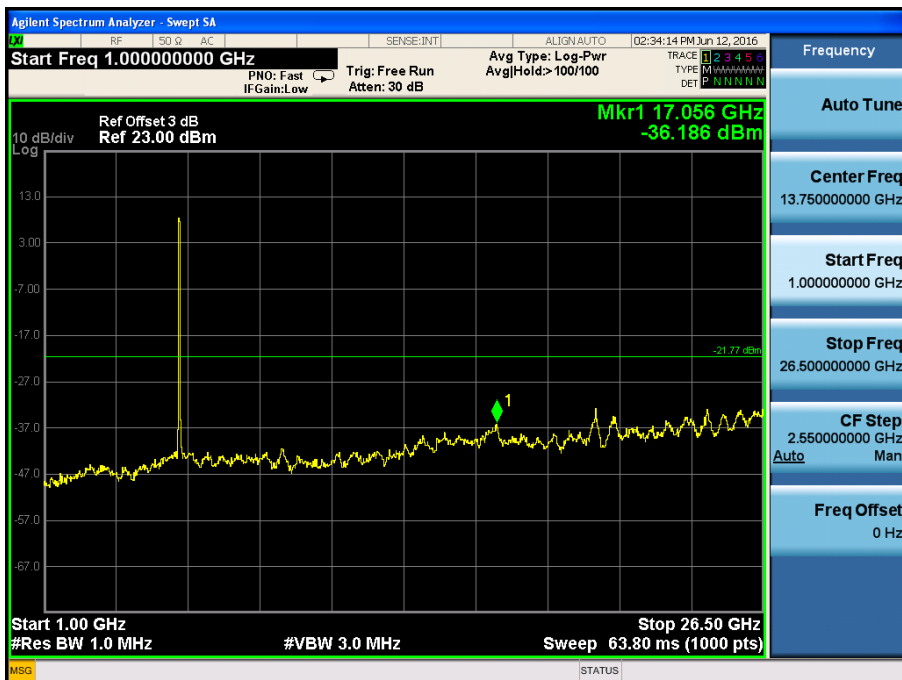
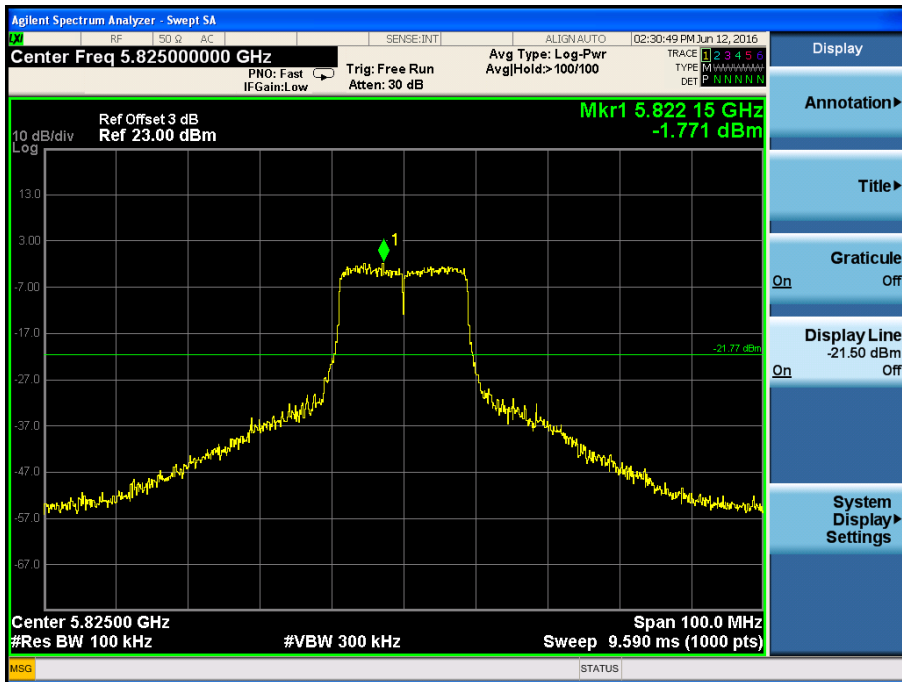
5745MHz



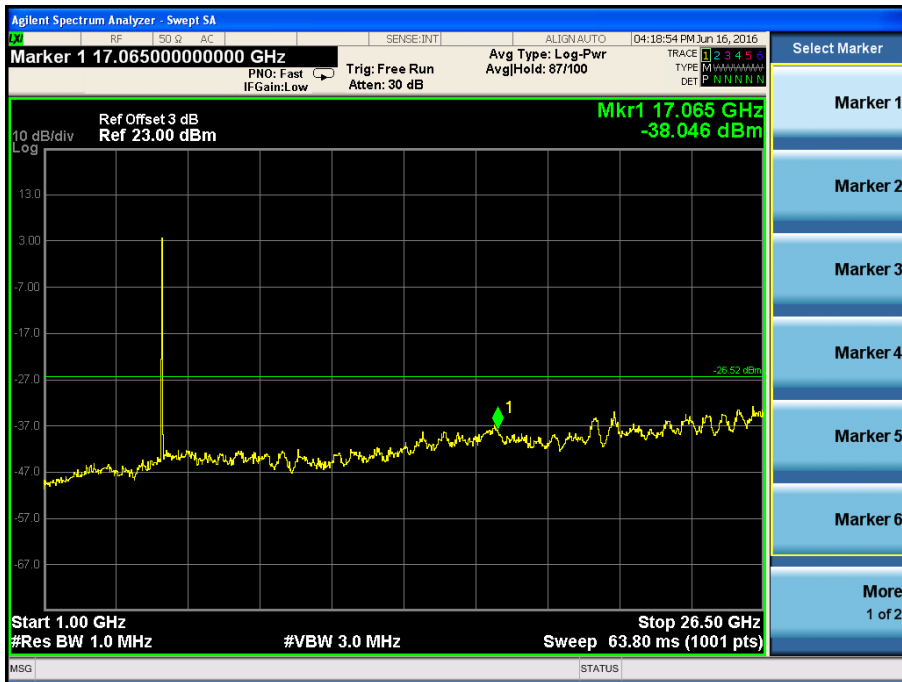
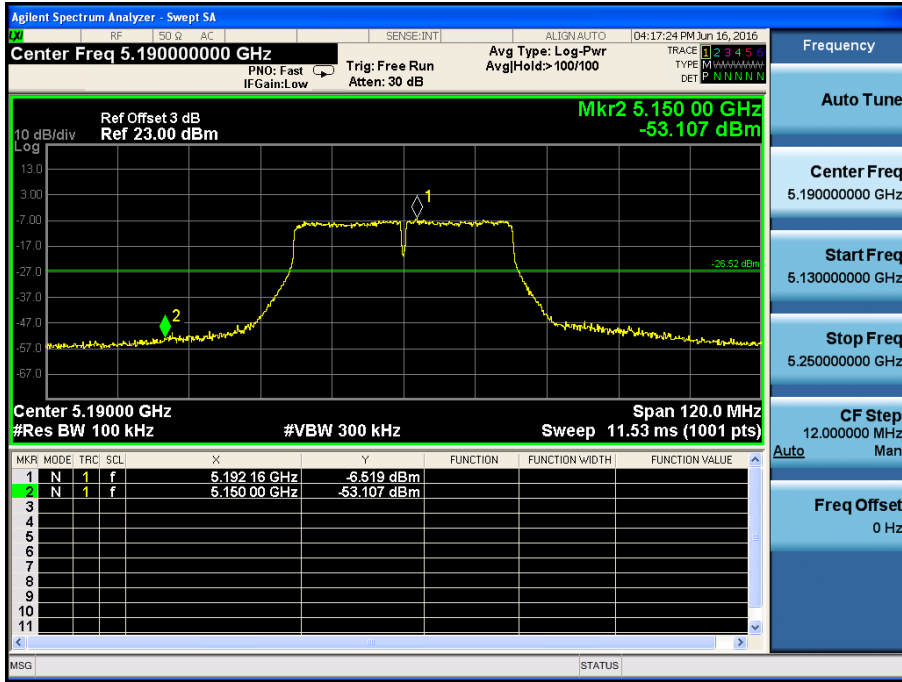
5785MHz



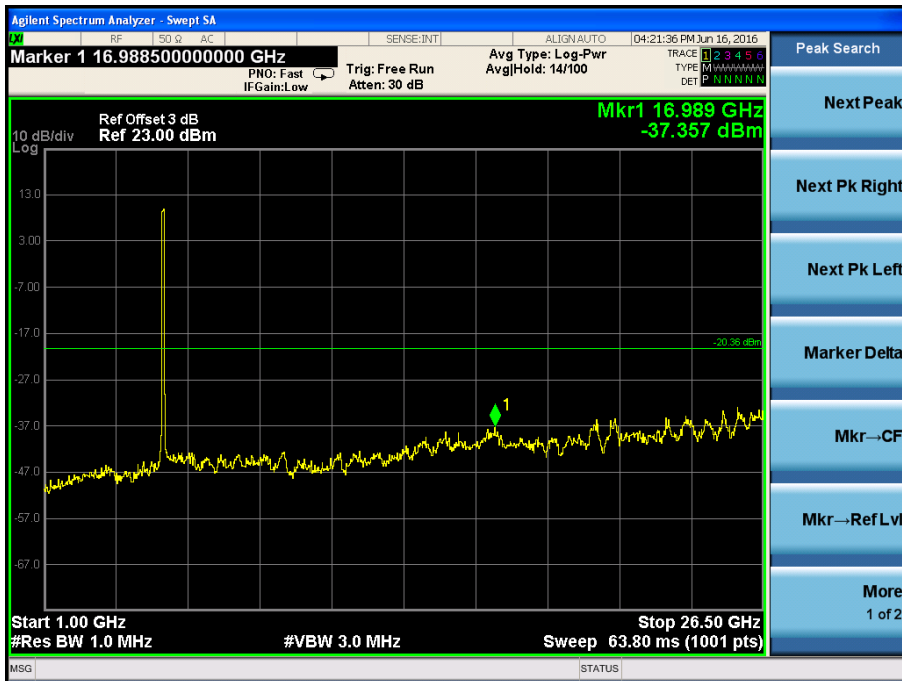
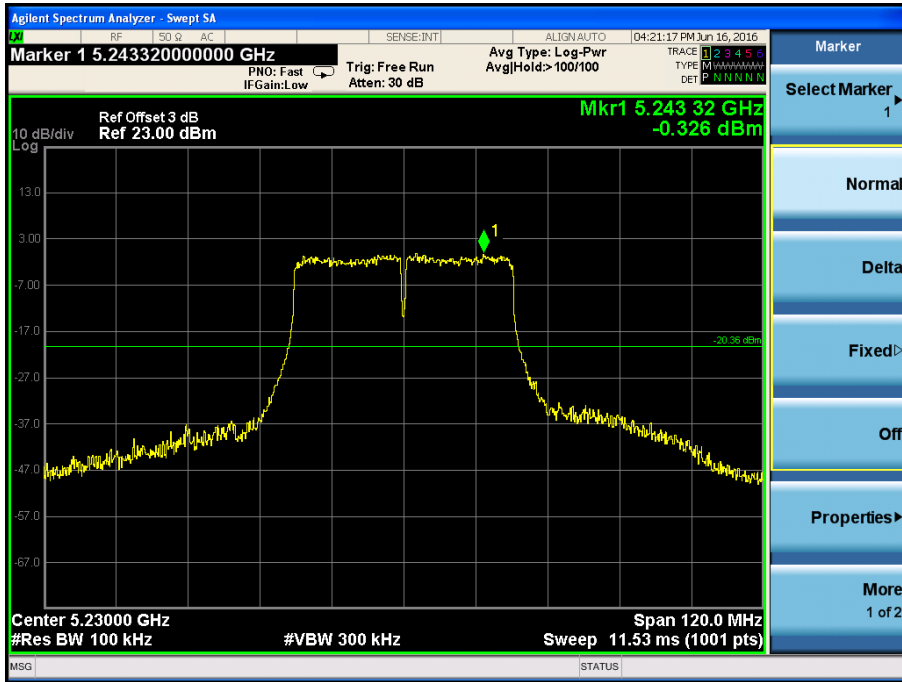
5825MHz



802.11n-HT40
5190MHz



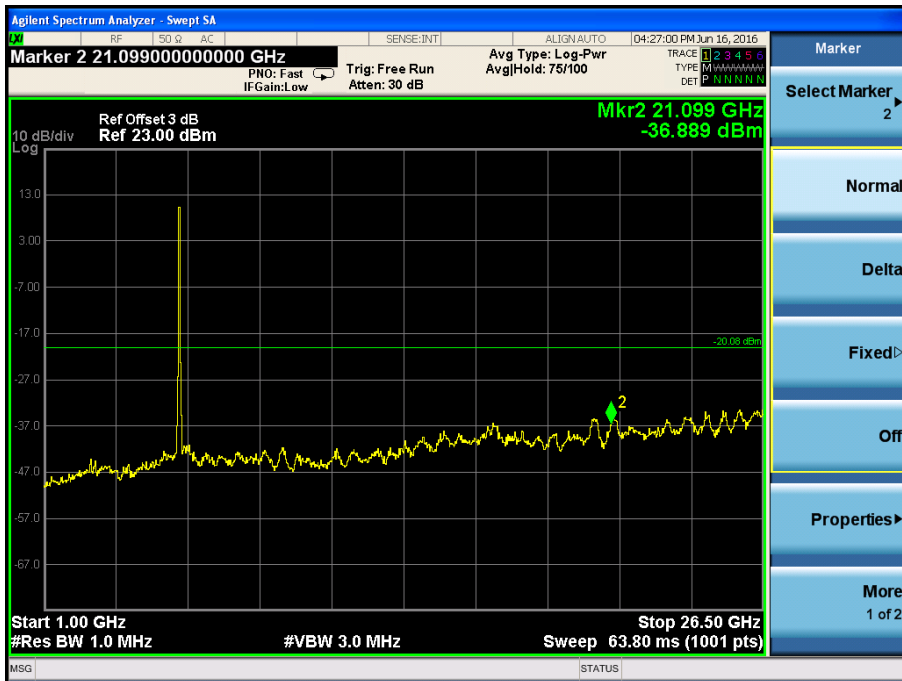
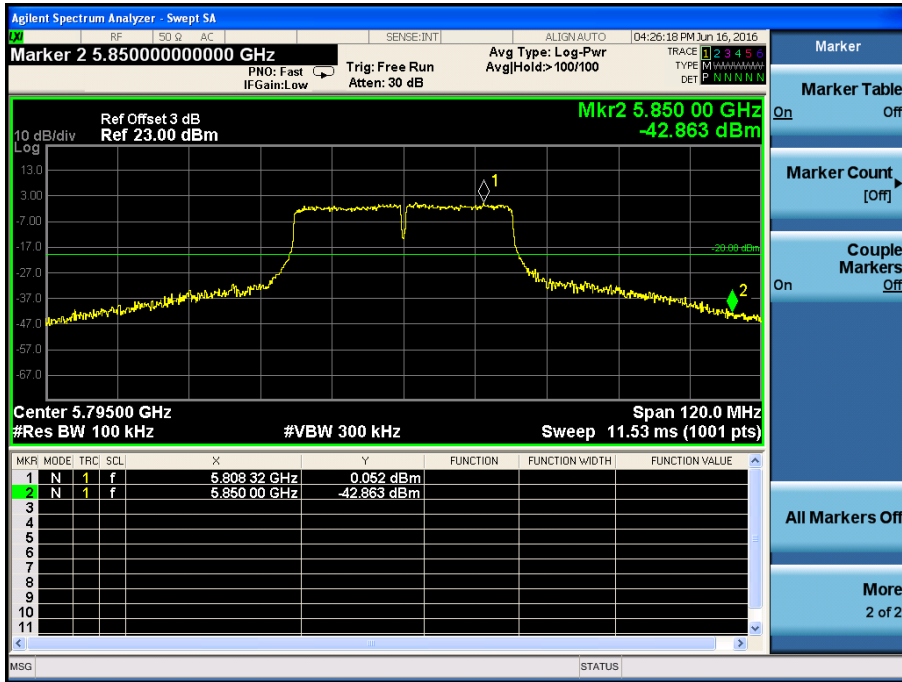
5230MHz



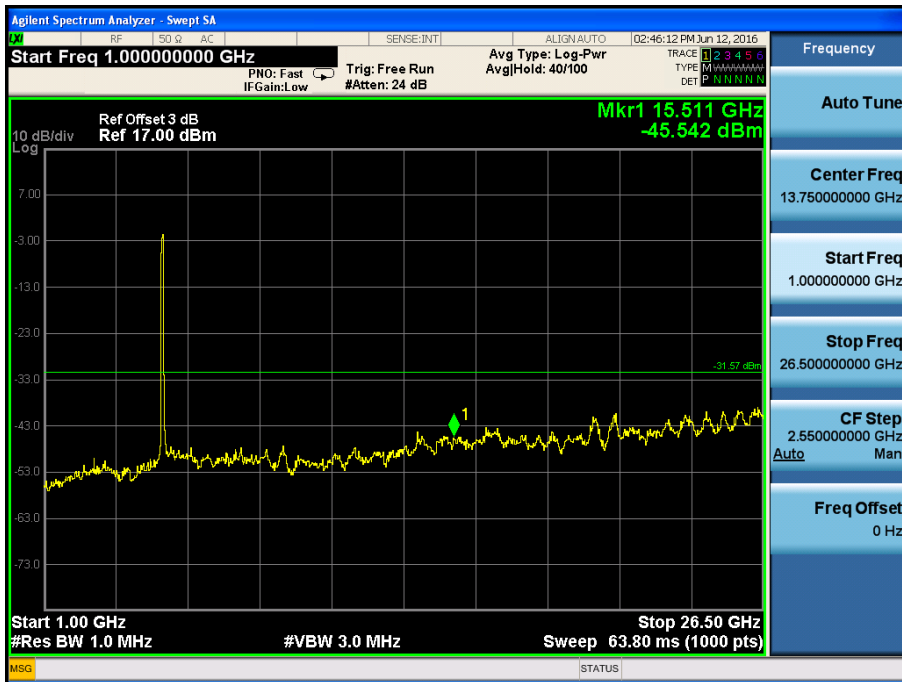
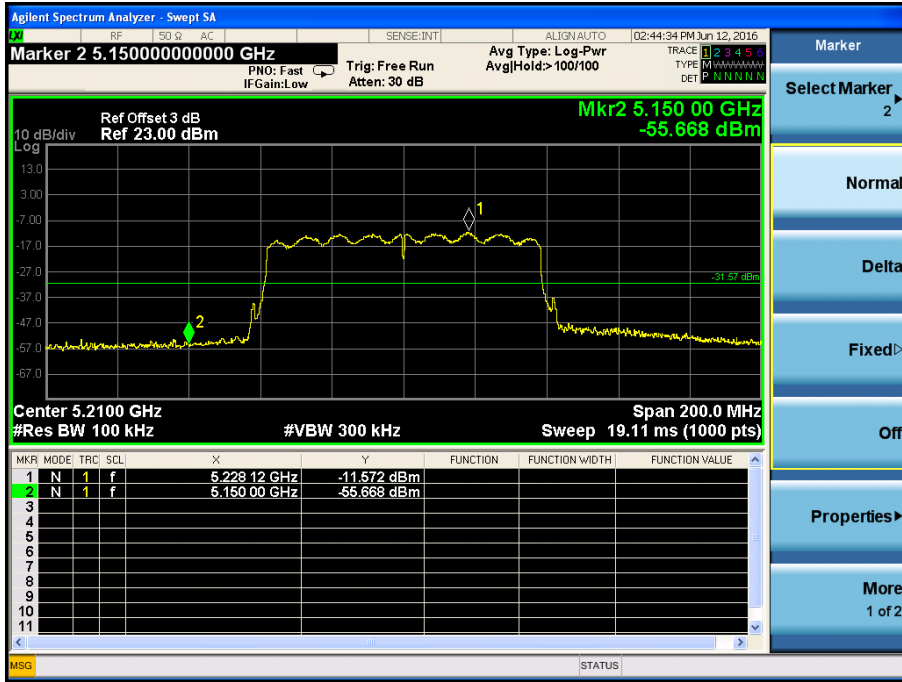
5755MHz



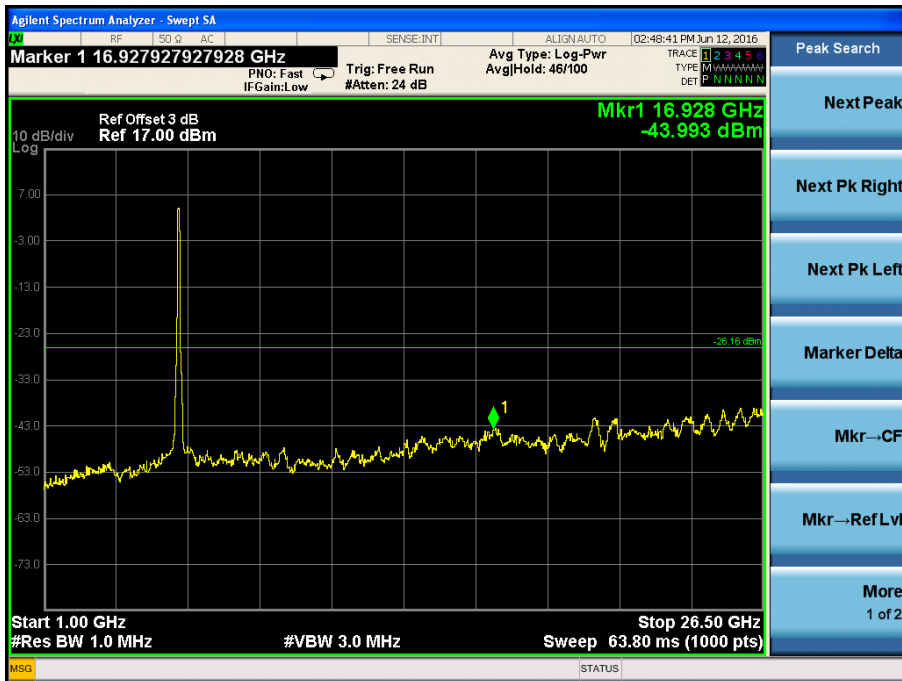
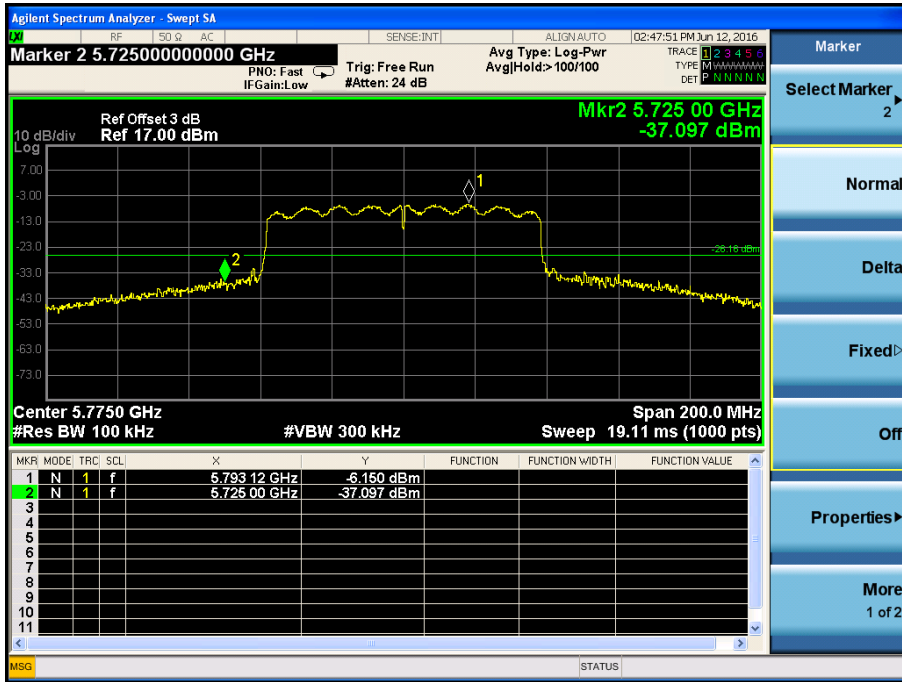
5795MHz



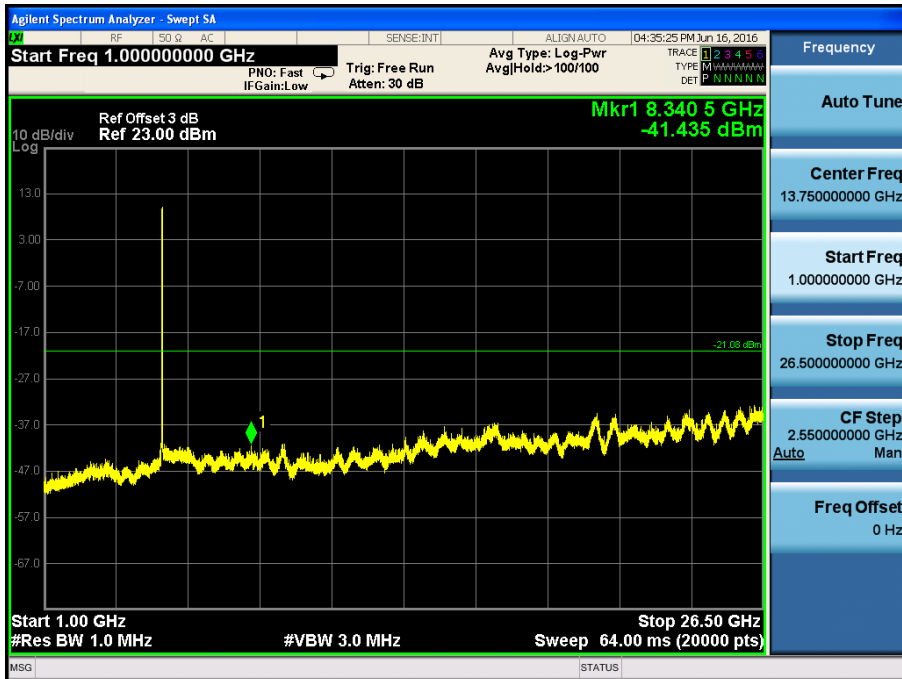
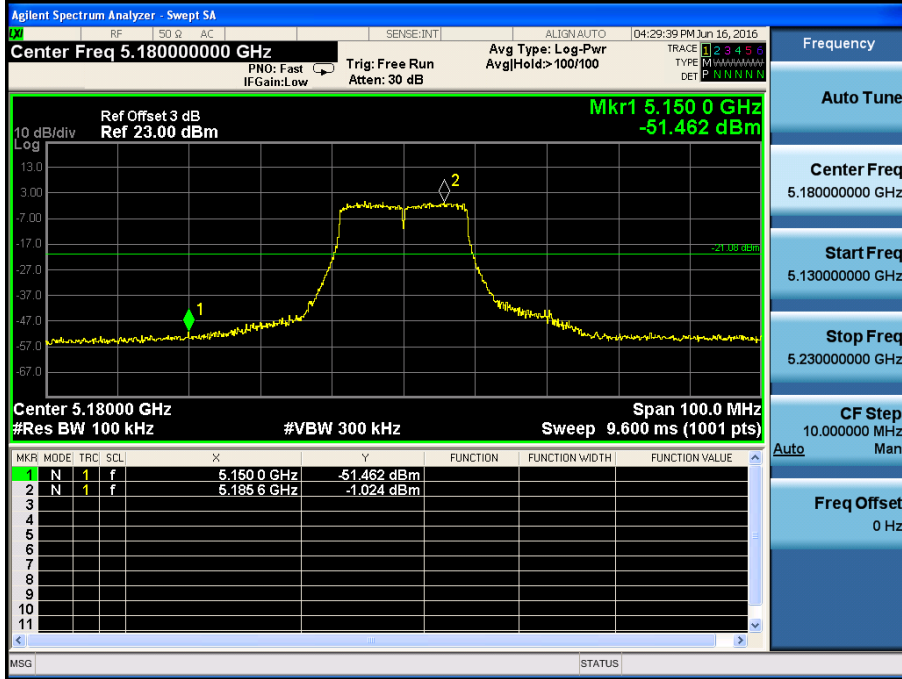
802.11ac-HT80
5210MHz



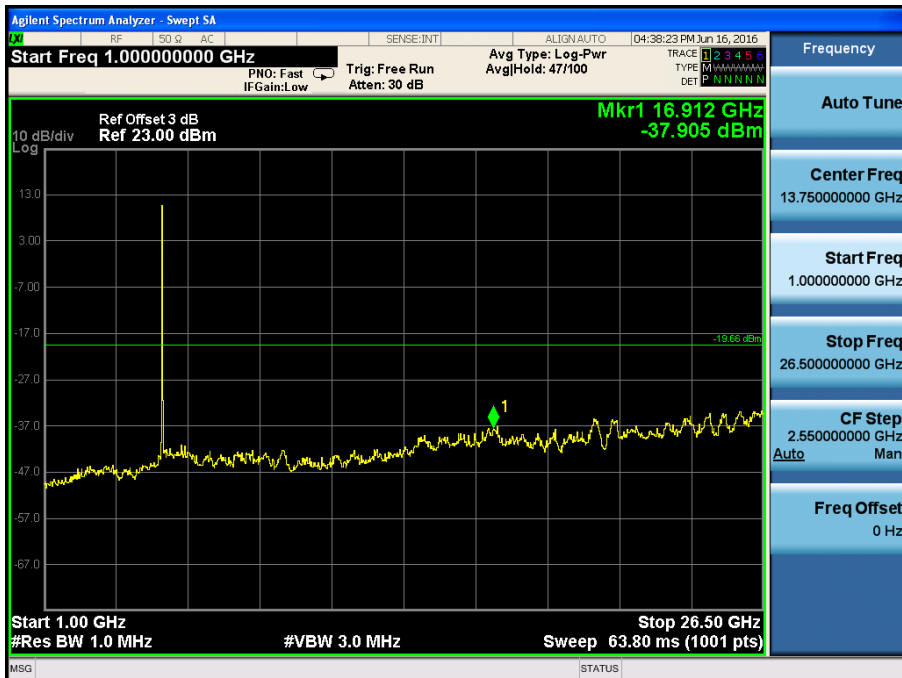
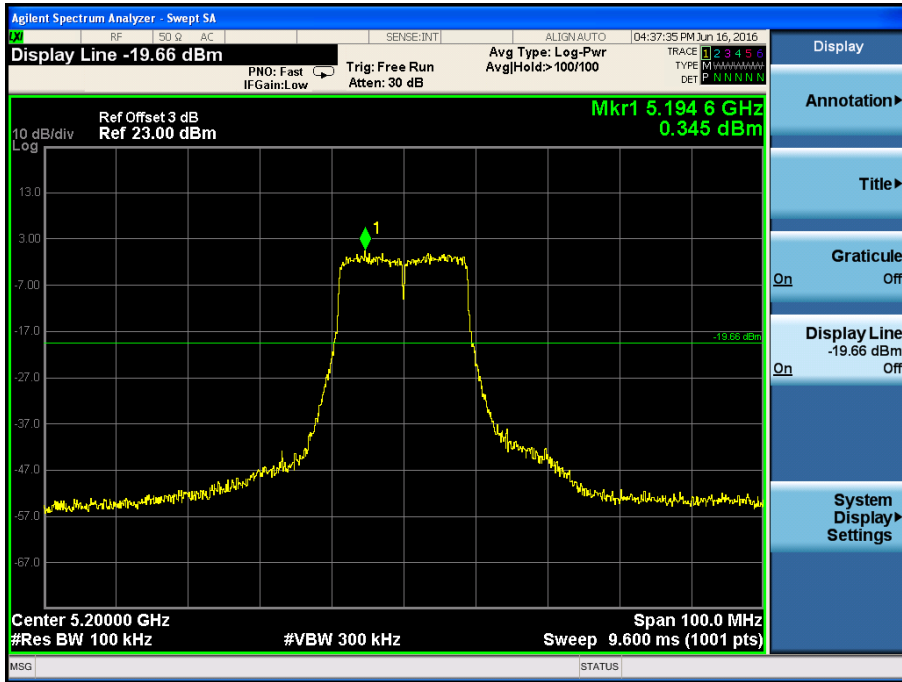
5755MHz



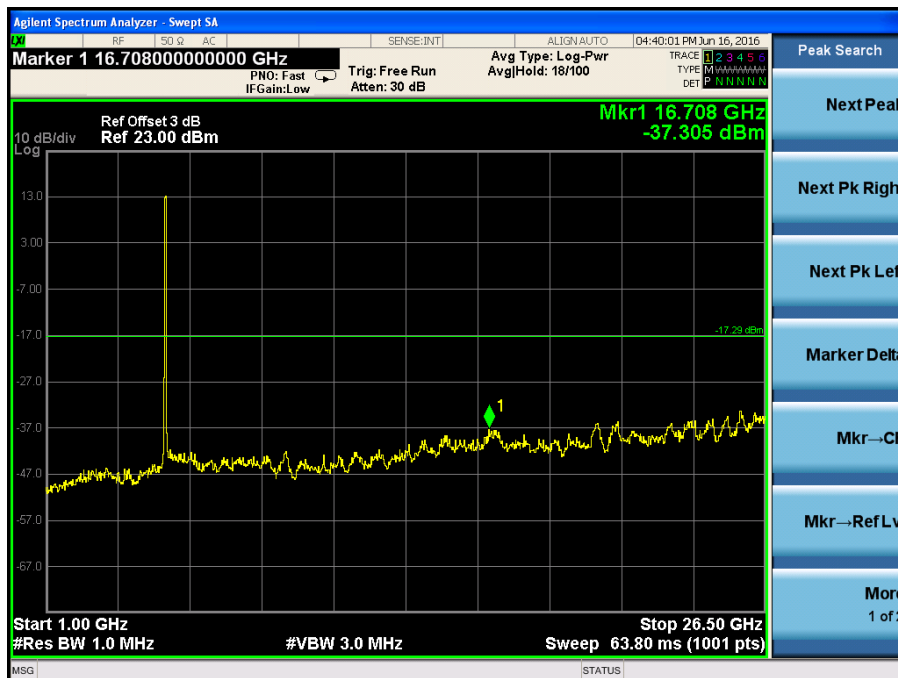
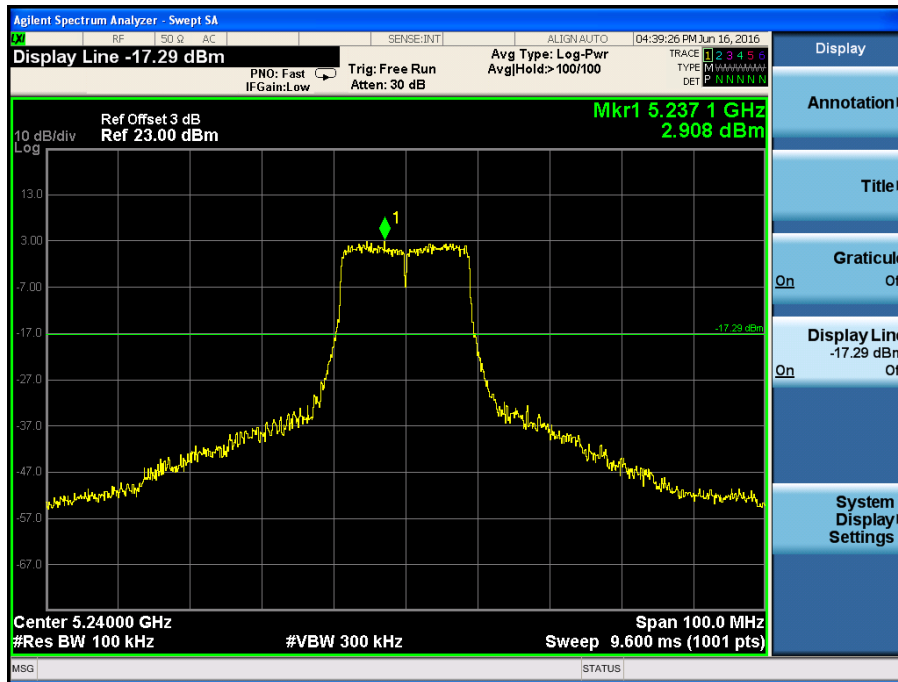
Antenna 2
 802.11n-HT20
 5180MHz



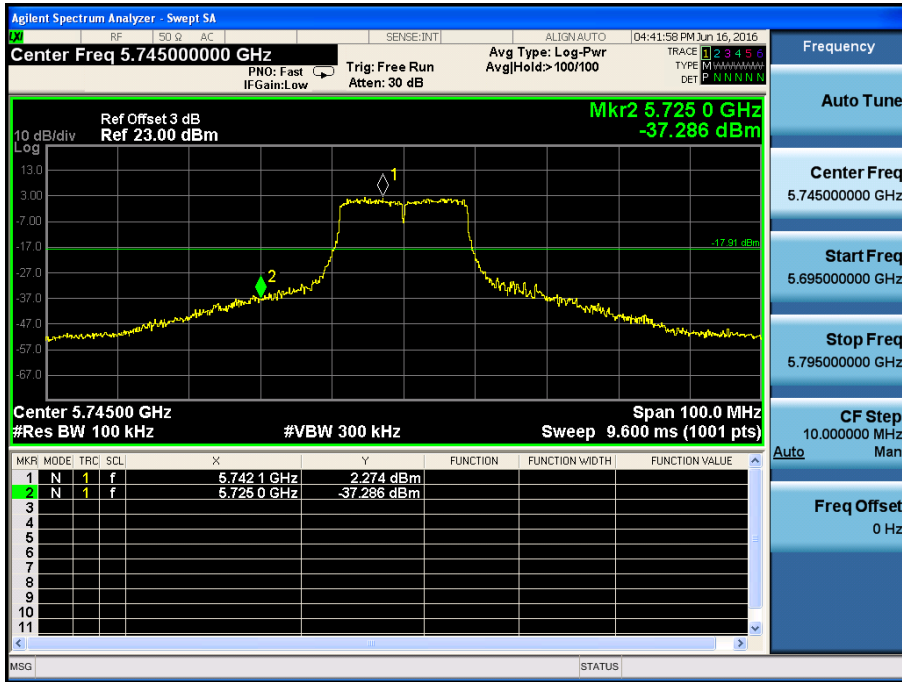
5200MHz



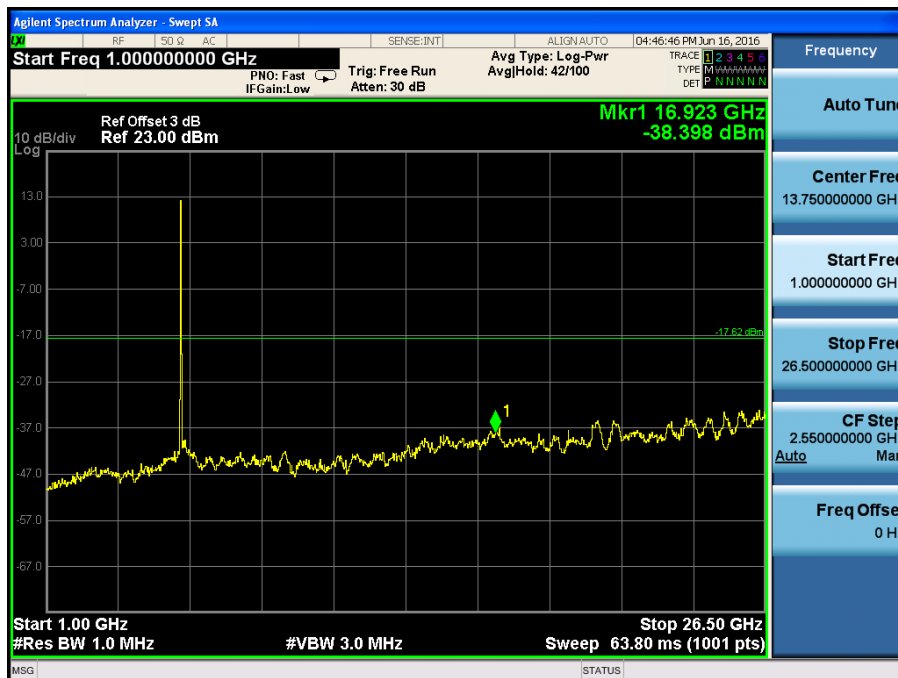
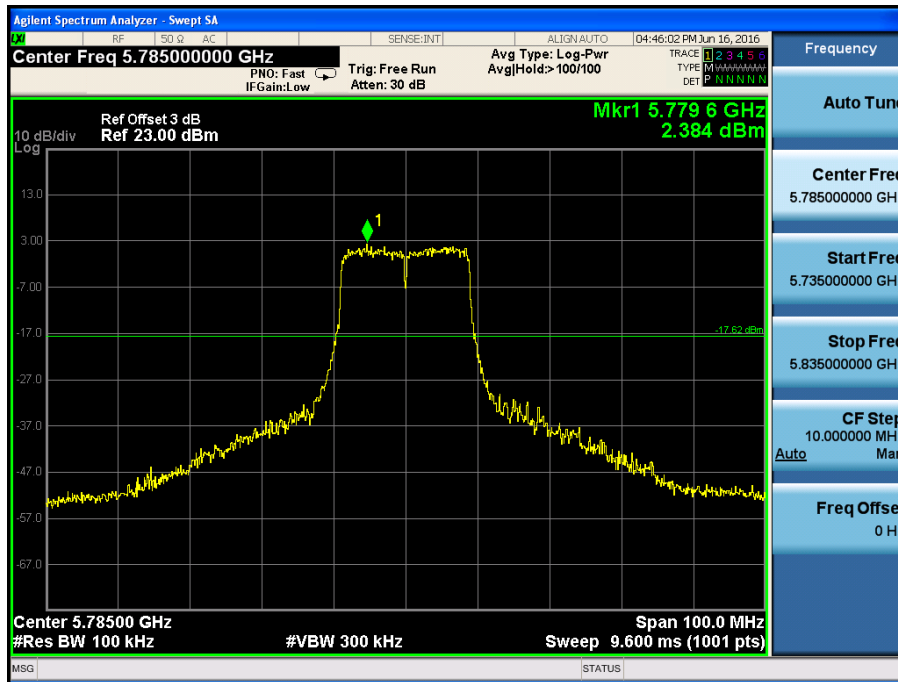
5240MHz



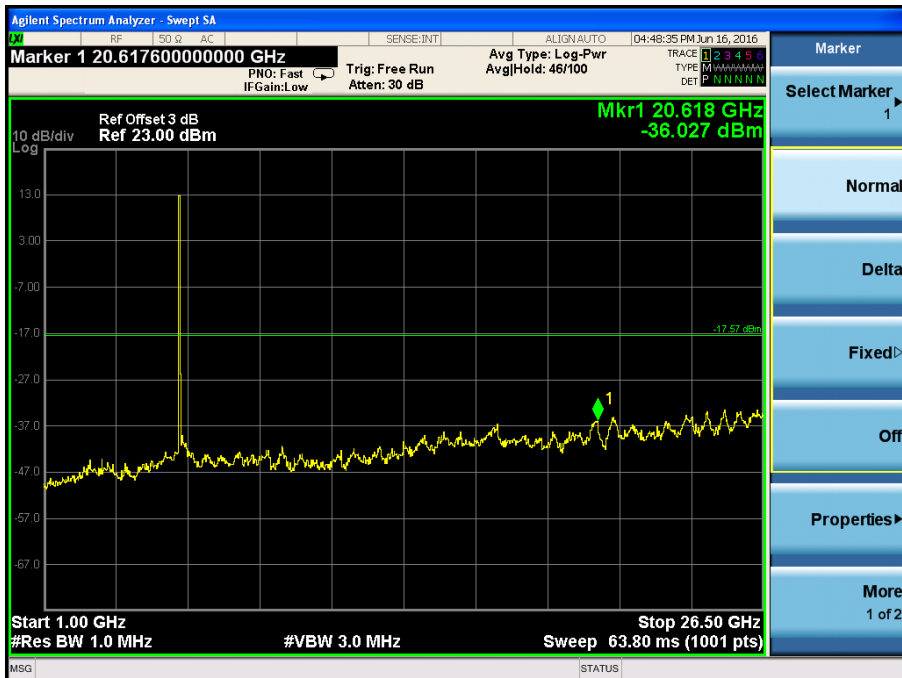
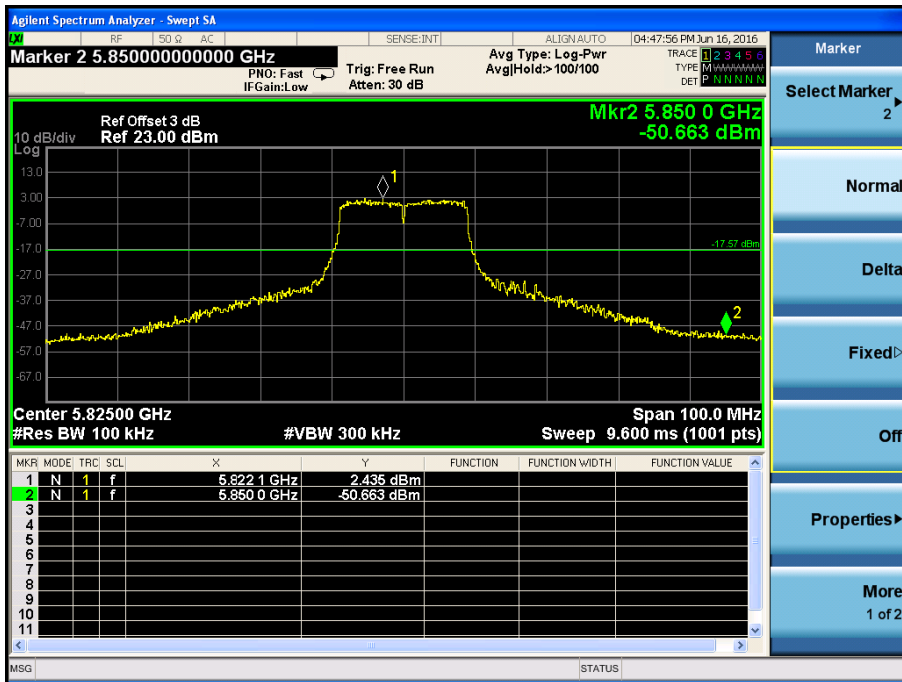
5745MHz



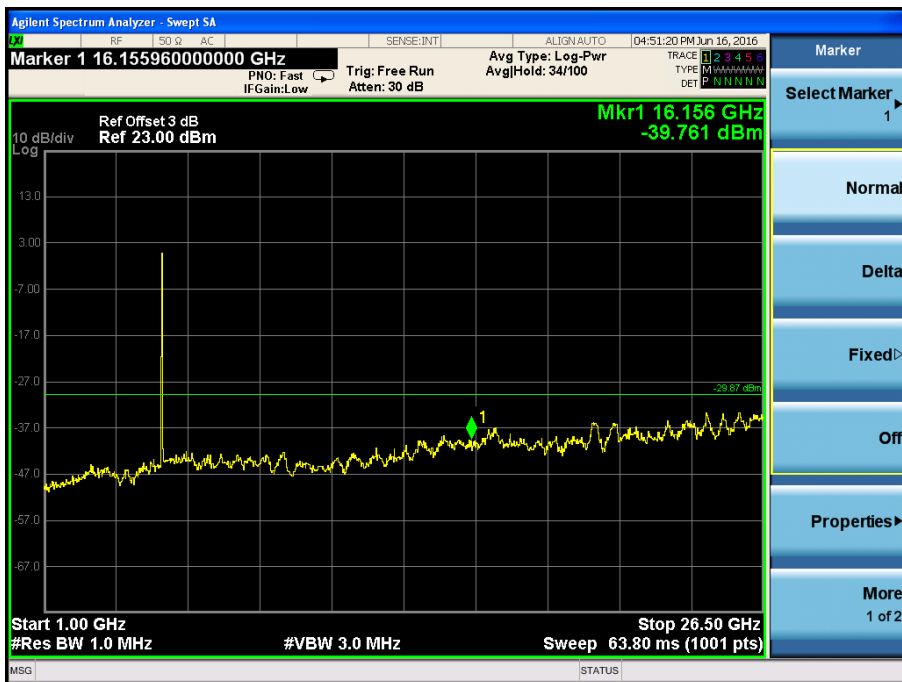
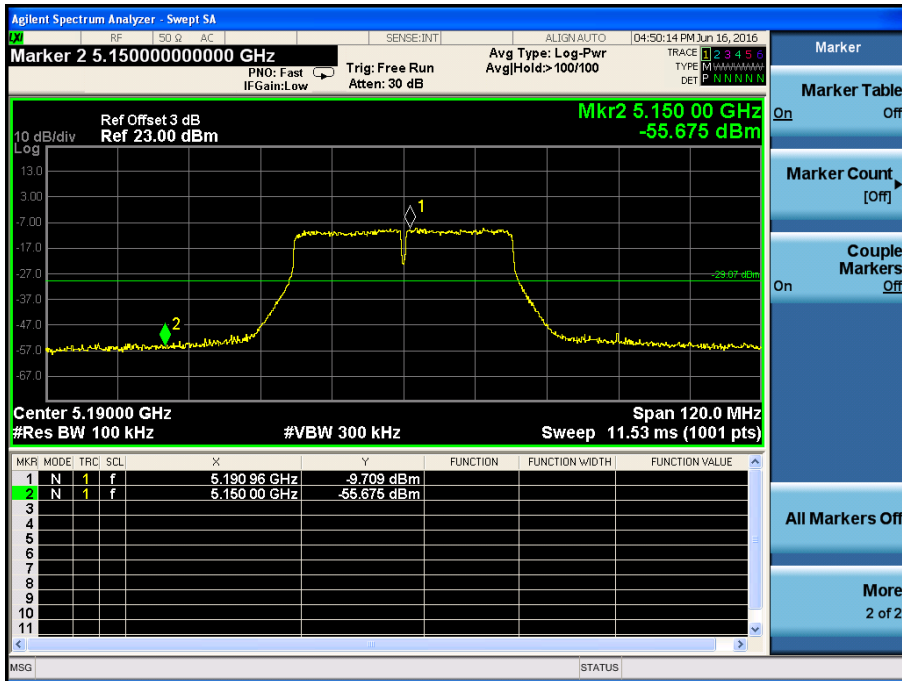
5785MHz



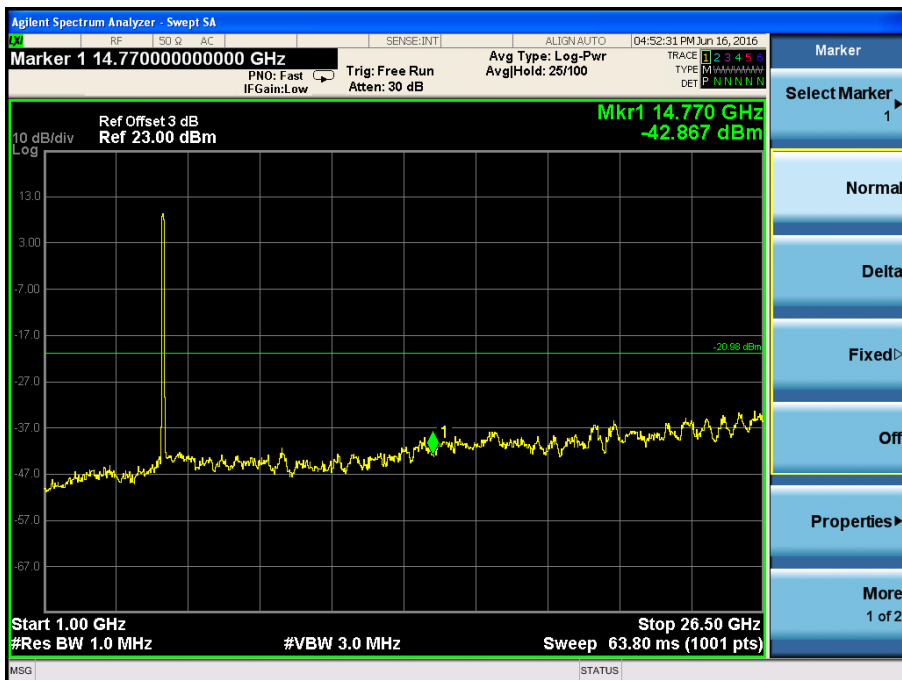
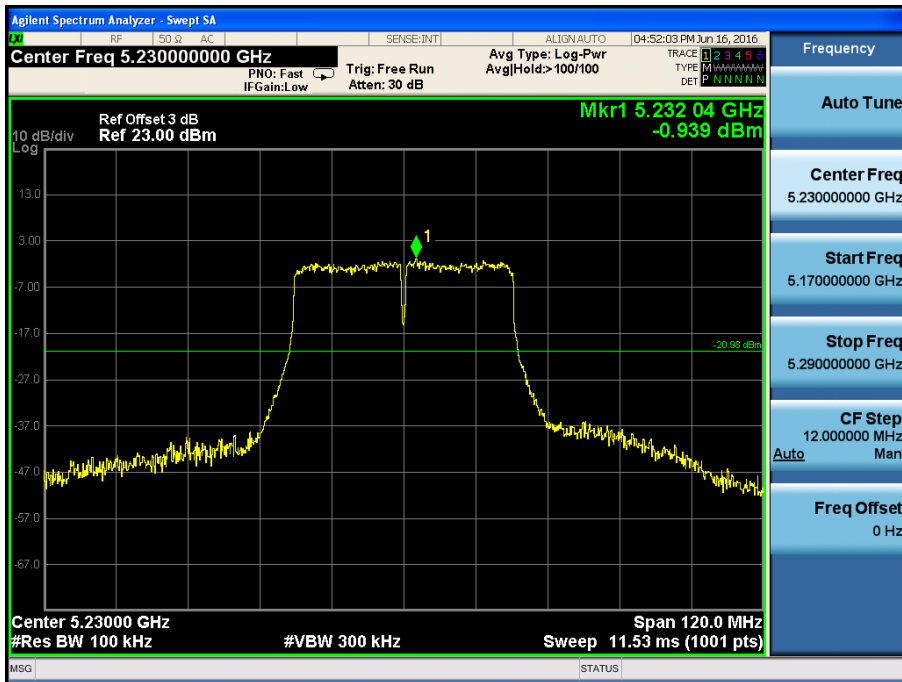
5825MHz



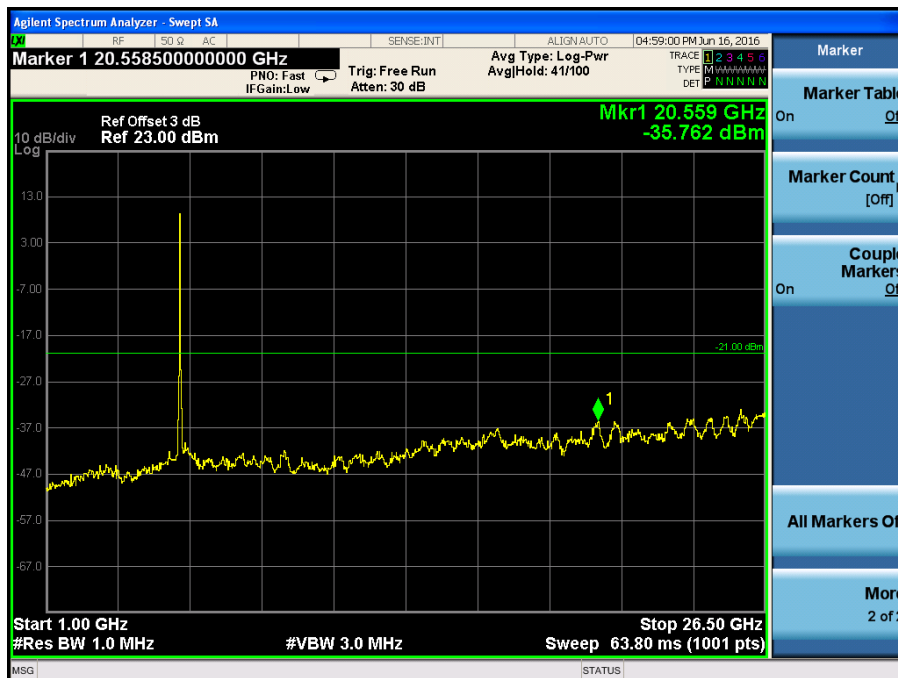
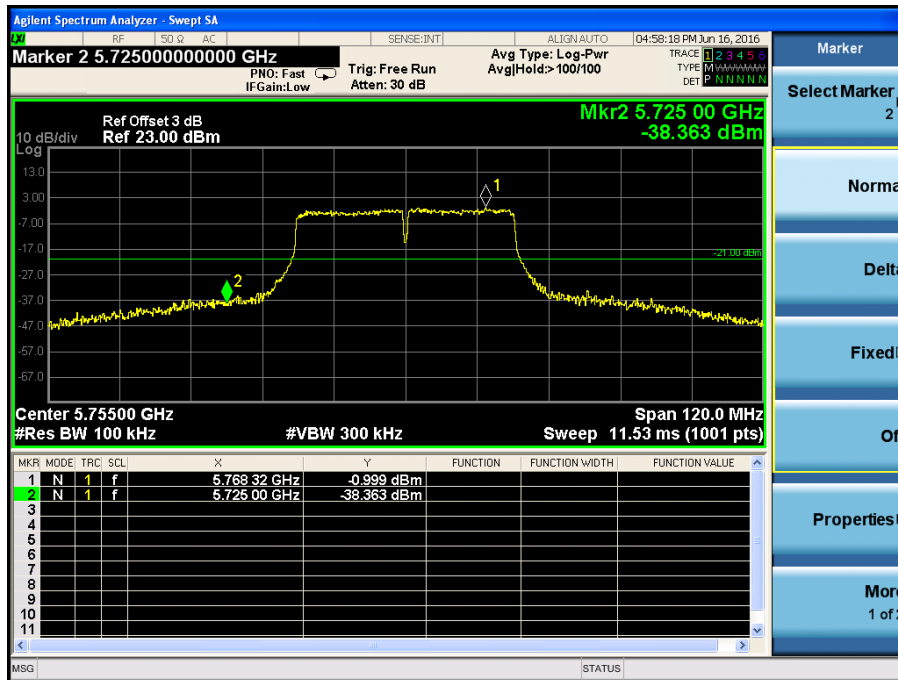
802.11n-HT40
5190MHz



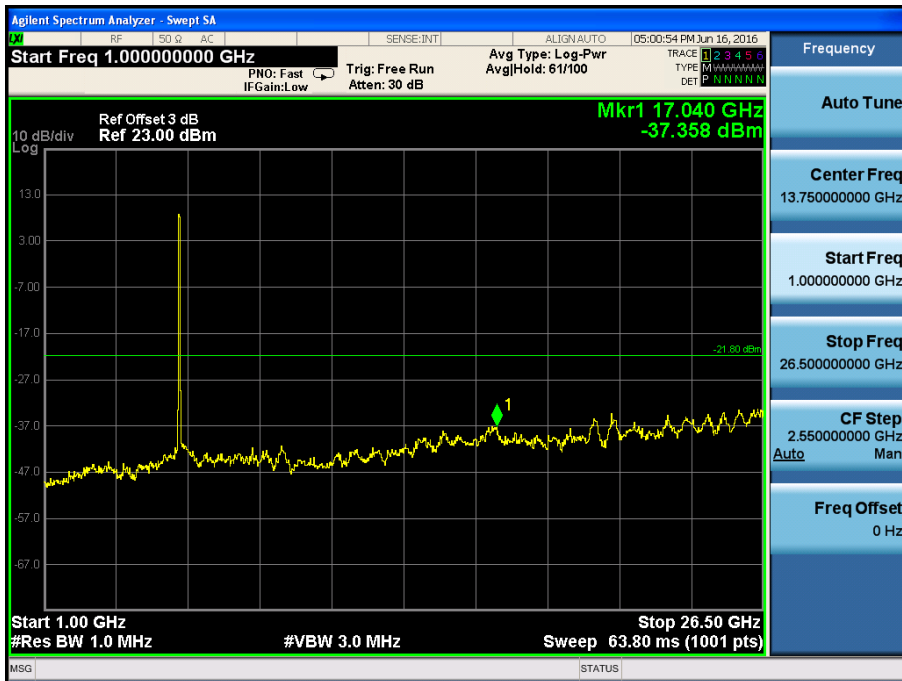
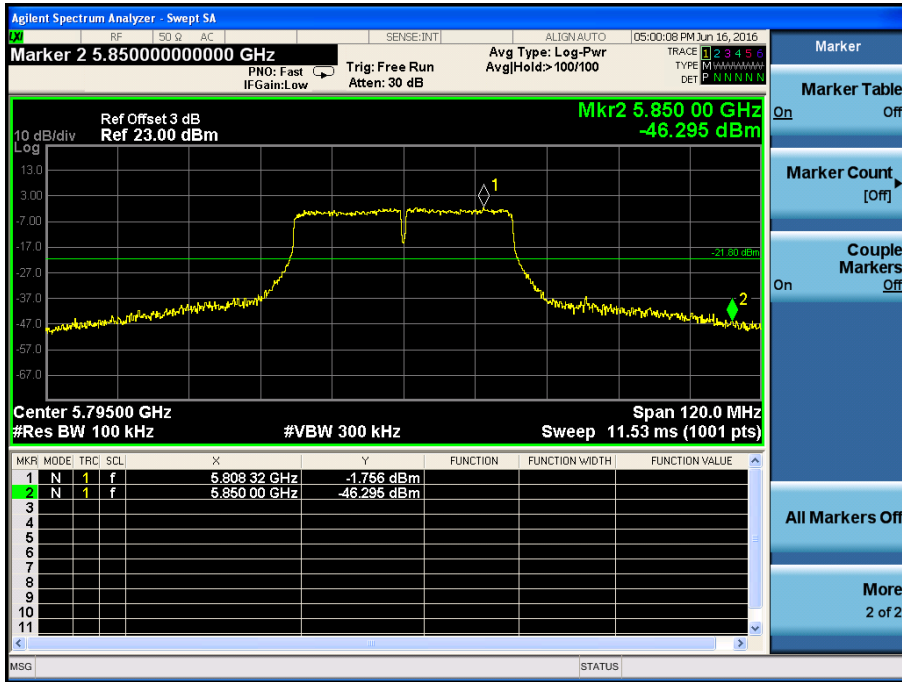
5230MHz



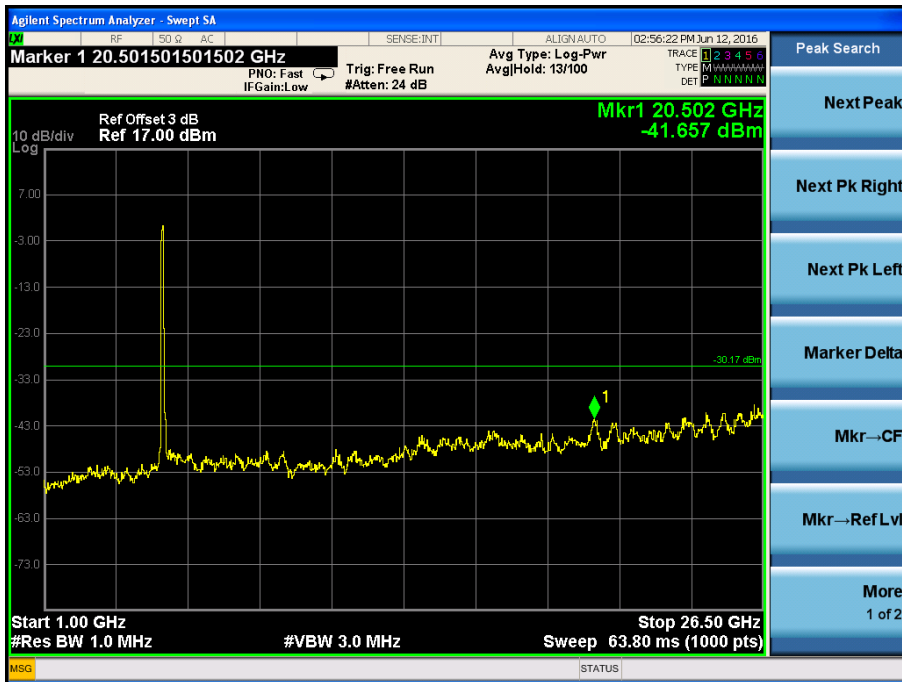
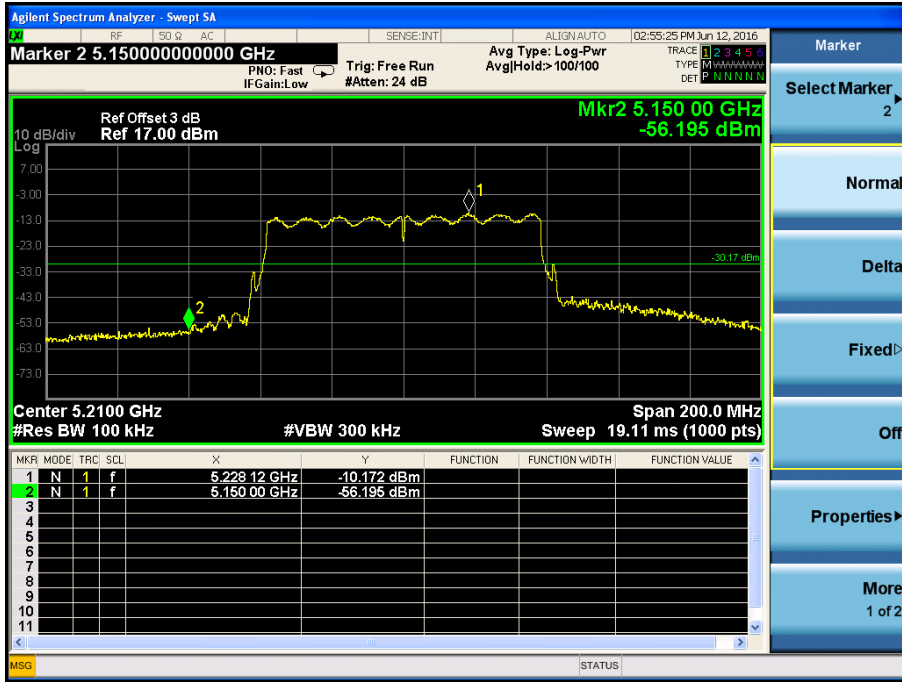
5755MHz



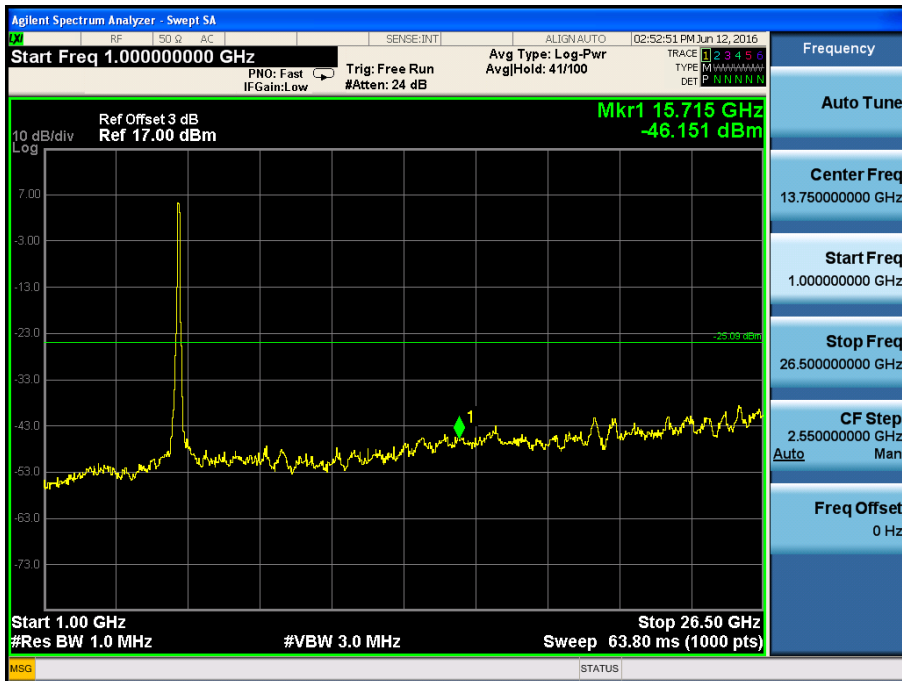
5795MHz



802.11ac-HT80
5210MHz



5755MHz



12. Frequency Stability

12.1 Standard Applicable

According to §15.407(g), Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the users manual.

12.2 Test Procedure

According to §2.1055, the following test procedure was performed.

The Frequency Stability is measured directly with a Frequency Domain Analyzer. Frequency Deviation in ppm is calculated from the measured peak to peak value.

The Carrier Frequency Stability over Power Supply Voltage and over Temperature is measured with a Frequency Domain Analyzer in histogram mode

Temperature:	Supply Voltage
20°C	85-115% of declared nominal voltage
-30°C to +50°C	Normal

12.3 Environmental Conditions

Temperature:	20°C
Relative Humidity:	54%
ATM Pressure:	1011 mbar

12.4 Summary of Test Results/Plots

5150-5250MHz

802.11n_HT20

Reference Frequency(Middle Channel): 5200 MHz			
Environment Temperature (°C)	Power Supplied (VDC)	Frequency Measure with Time Elapsed	
		MCF (Hz)	Error (ppm)
50	3.3	124	0.0238
40	3.3	116	0.0223
30	3.3	139	0.0267
20	3.3	146	0.0281
10	3.3	133	0.0256
0	3.3	129	0.0248
-10	3.3	136	0.0262
-20	3.3	134	0.0258
-30	3.3	128	0.0246

802.11n_HT40

Reference Frequency(Middle Channel): 5190 MHz			
Environment Temperature (°C)	Power Supplied (VDC)	Frequency Measure with Time Elapsed	
		MCF (Hz)	Error (ppm)
50	3.3	116	0.0224
40	3.3	113	0.0218
30	3.3	121	0.0233
20	3.3	108	0.0208
10	3.3	106	0.0204
0	3.3	103	0.0198
-10	3.3	107	0.0206
-20	3.3	101	0.0195
-30	3.3	100	0.0193

802.11ac_HT80

Reference Frequency(Low/Middle/High Channel): 5210 MHz			
Environment Temperature (°C)	Power Supplied (VDC)	Frequency Measure with Time Elapsed	
		MCF (Hz)	Error (ppm)
50	3.3	131	0.0251
40	3.3	140	0.0269
30	3.3	138	0.0265
20	3.3	129	0.0248
10	3.3	134	0.0257
0	3.3	140	0.0269
-10	3.3	134	0.0257
-20	3.3	129	0.0248
-30	3.3	125	0.0240

5725-5850MHz

802.11n_HT20

Reference Frequency(Middle Channel): 5785MHz			
Environment Temperature (°C)	Power Supplied (VDC)	Frequency Measure with Time Elapsed	
		MCF (Hz)	Error (ppm)
50	3.3	156	0.0270
40	3.3	151	0.0261
30	3.3	142	0.0245
20	3.3	135	0.0233
10	3.3	129	0.0223
0	3.3	158	0.0273
-10	3.3	148	0.0256
-20	3.3	167	0.0289
-30	3.3	139	0.0240

802.11n_HT40

Reference Frequency(High Channel): 5795 MHz			
Environment Temperature (°C)	Power Supplied (VDC)	Frequency Measure with Time Elapsed	
		MCF (Hz)	Error (ppm)
50	3.3	123	0.0212
40	3.3	178	0.0307
30	3.3	190	0.0328
20	3.3	171	0.0295
10	3.3	126	0.0217
0	3.3	138	0.0238
-10	3.3	128	0.0221
-20	3.3	139	0.0240
-30	3.3	177	0.0305

802.11ac_HT80

Reference Frequency(Low/Middle/High Channel): 5775 MHz			
Environment Temperature (°C)	Power Supplied (VDC)	Frequency Measure with Time Elapsed	
		MCF (Hz)	Error (ppm)
50	3.3	120	0.0208
40	3.3	145	0.0251
30	3.3	169	0.0293
20	3.3	154	0.0267
10	3.3	125	0.0216
0	3.3	136	0.0235
-10	3.3	122	0.0211
-20	3.3	118	0.0204
-30	3.3	152	0.0263

So, Frequency Stability Versus Input Voltage is:

5150-5250MHz

802.11n_HT20

Reference Frequency(Middle Channel): 5200 MHz			
Environment Temperature (°C)	Power Supplied (VAC)	Frequency Measure with Time Elapsed	
		Frequency (Hz)	Error (ppm)
20	2.8	145	0.0279
	3.3	146	0.0281
	3.8	129	0.0248

802.11n_HT40

Reference Frequency(Middle Channel): 5190 MHz			
Environment Temperature (°C)	Power Supplied (VAC)	Frequency Measure with Time Elapsed	
		Frequency (Hz)	Error (ppm)
20	2.8	127	0.0245
	3.3	108	0.0208
	3.8	136	0.0262

802.11ac_HT80

Reference Frequency(Low/Middle/High Channel): 5210 MHz			
Environment Temperature (°C)	Power Supplied (VAC)	Frequency Measure with Time Elapsed	
		Frequency (Hz)	Error (ppm)
20	2.8	108	0.0207
	3.3	129	0.0248
	3.8	112	0.0215

5725-5850MHz

802.11n_HT20

Reference Frequency(Middle Channel): 5785 MHz			
Environment Temperature (°C)	Power Supplied (VAC)	Frequency Measure with Time Elapsed	
		Frequency (Hz)	Error (ppm)
20	2.8	118	0.0204
	3.3	135	0.0233
	3.8	152	0.0263

802.11n_HT40

Reference Frequency(Middle Channel): 5795 MHz			
Environment Temperature (°C)	Power Supplied (VAC)	Frequency Measure with Time Elapsed	
		Frequency (Hz)	Error (ppm)
20	2.8	125	0.0216
	3.3	171	0.0295
	3.8	136	0.0235

802.11ac_HT80

Reference Frequency(Low/Middle/High Channel): 5775 MHz			
Environment Temperature (°C)	Power Supplied (VAC)	Frequency Measure with Time Elapsed	
		Frequency (Hz)	Error (ppm)
20	2.8	168	0.0291
	3.3	154	0.0267
	3.8	149	0.0258

***** END OF REPORT *****