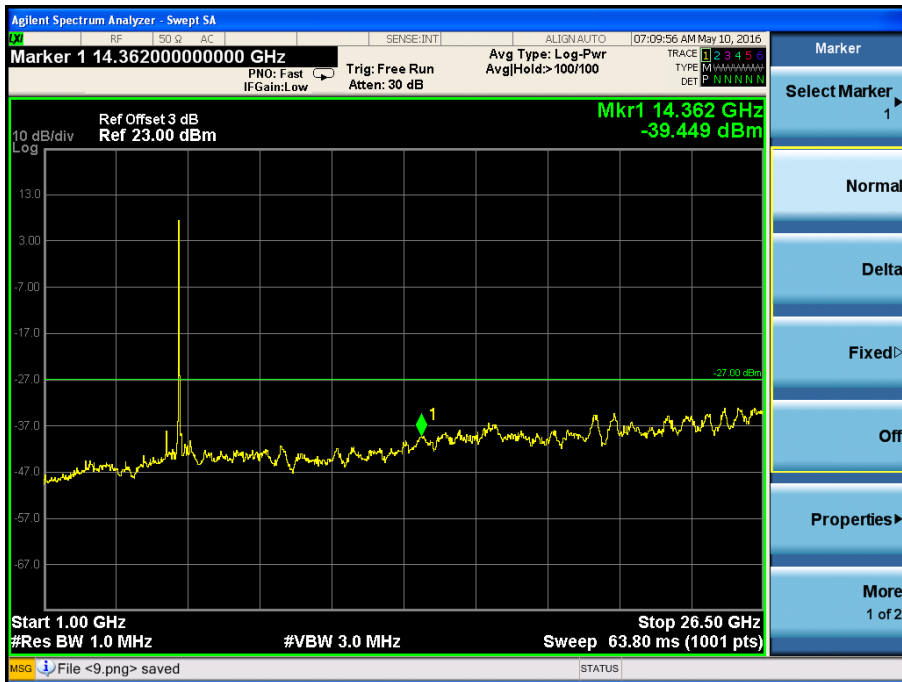
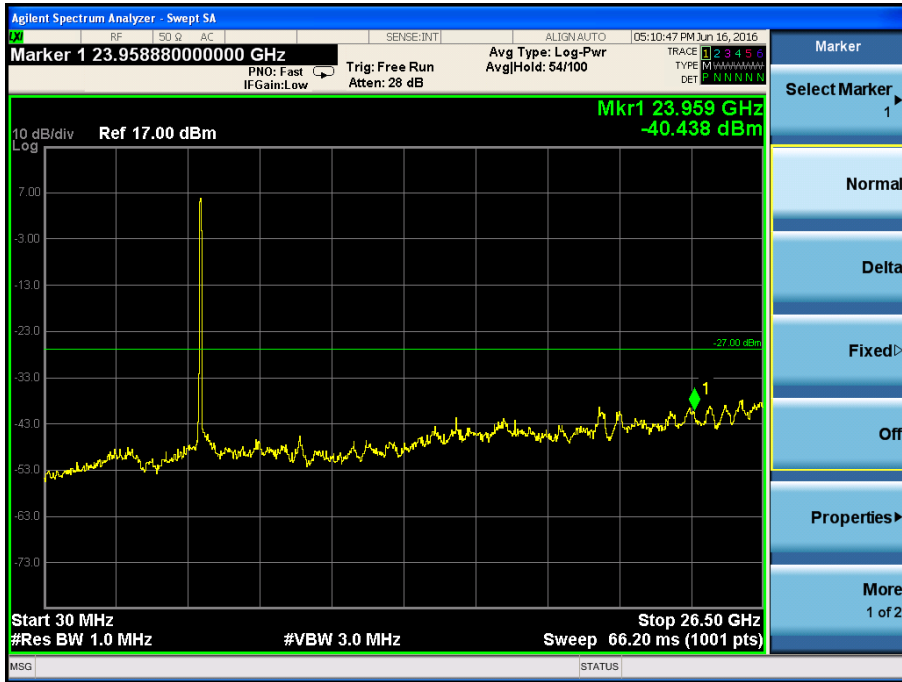


5755MHz

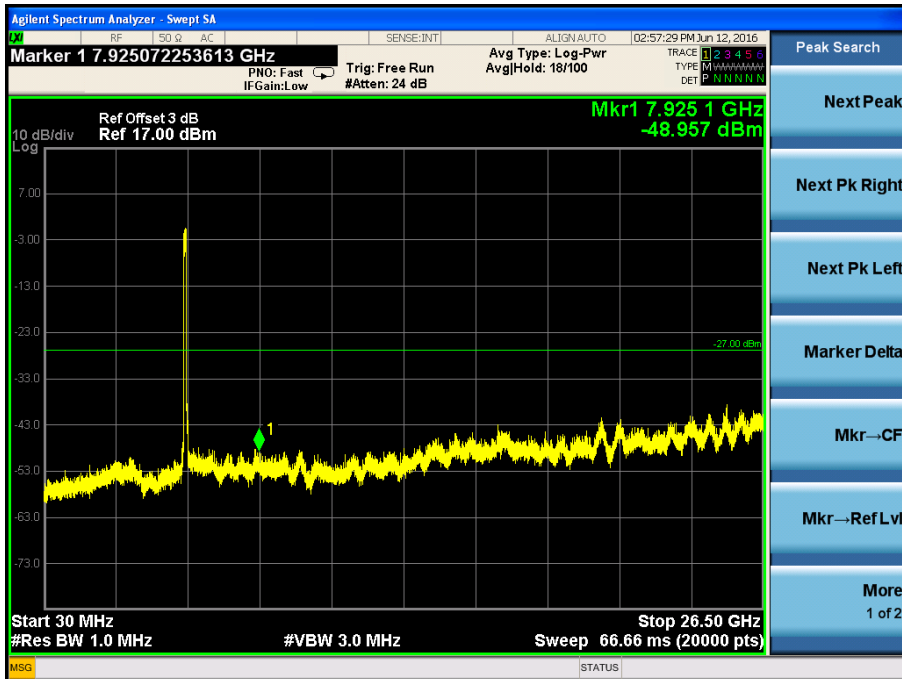


5795MHz

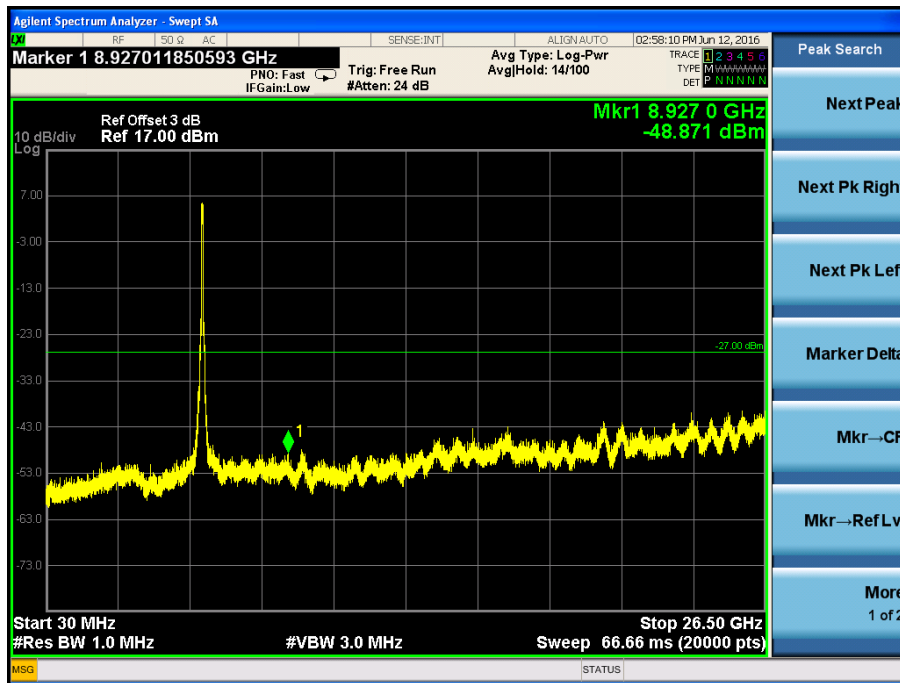


802.11ac80

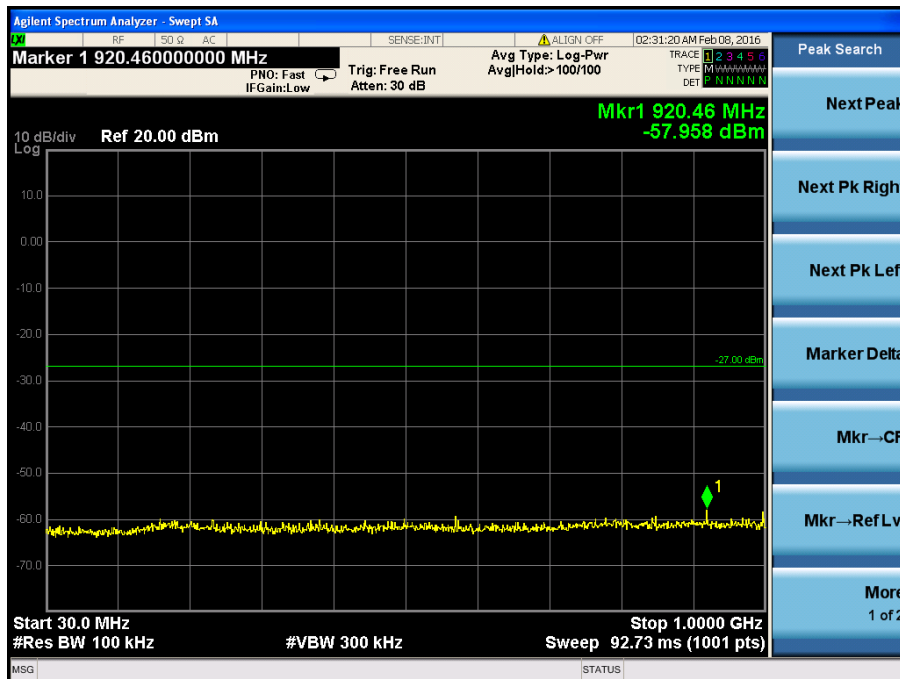
5210MHz

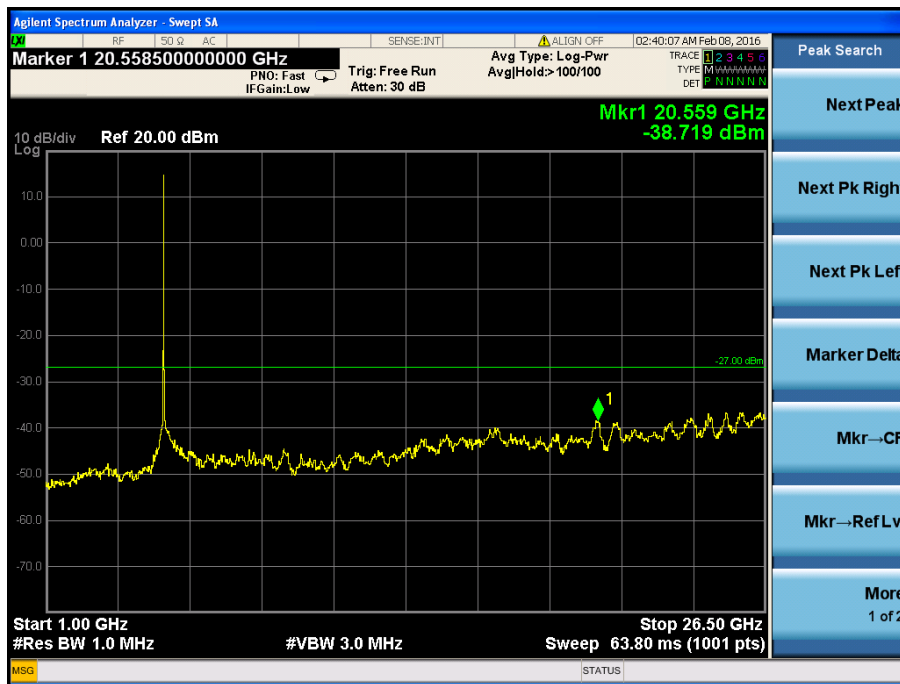


5775MHz

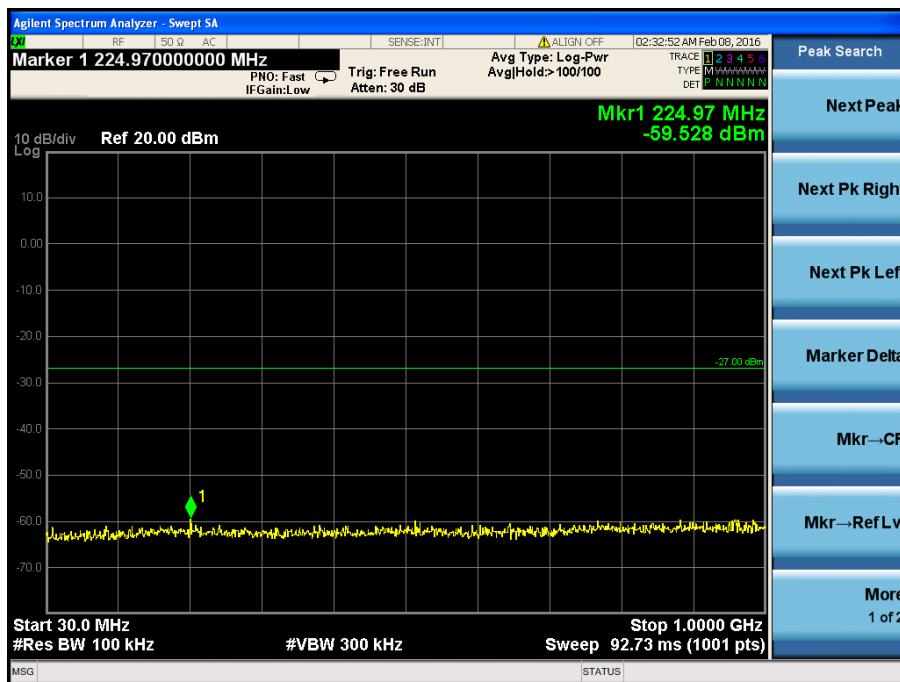


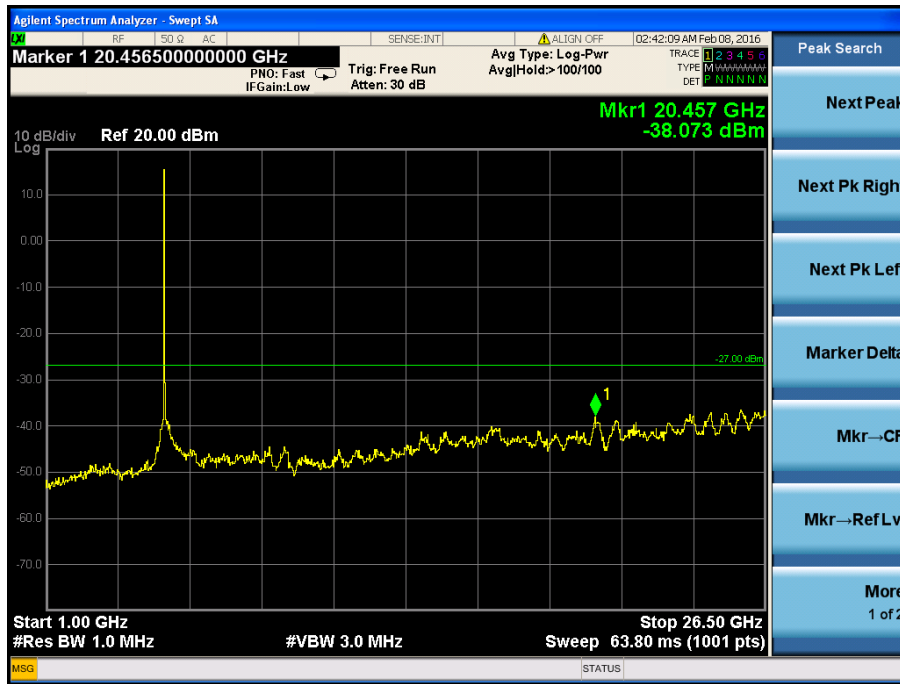
Antenna 2
802.11a
5180MHz



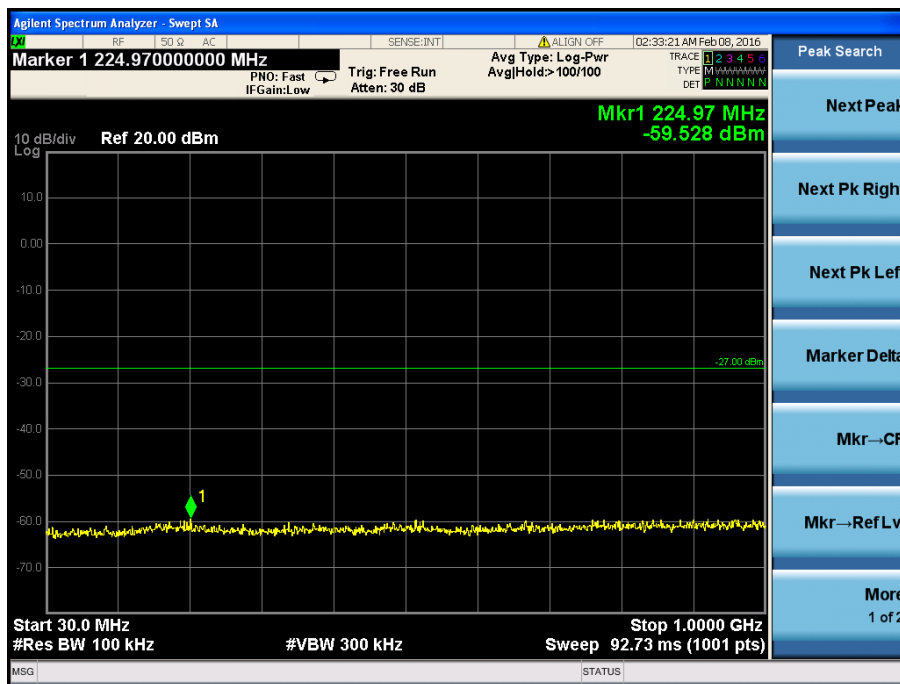


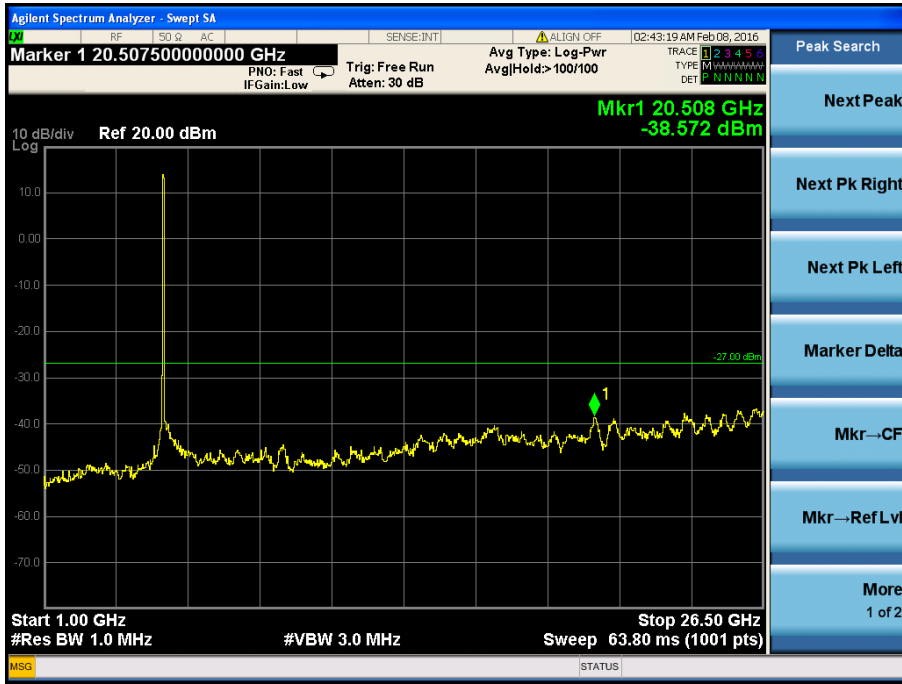
5200MHz



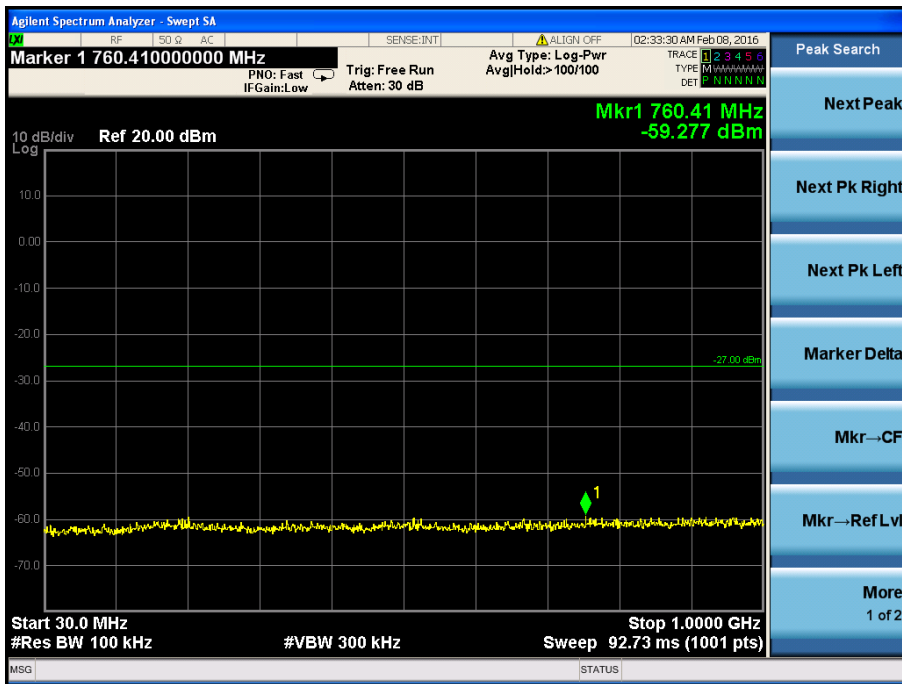


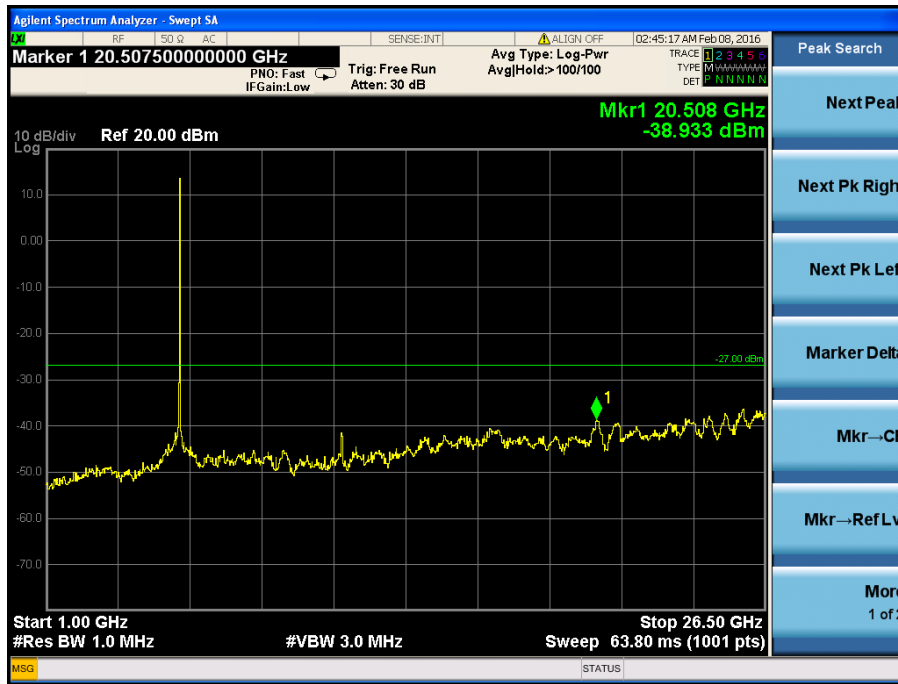
5240MHz



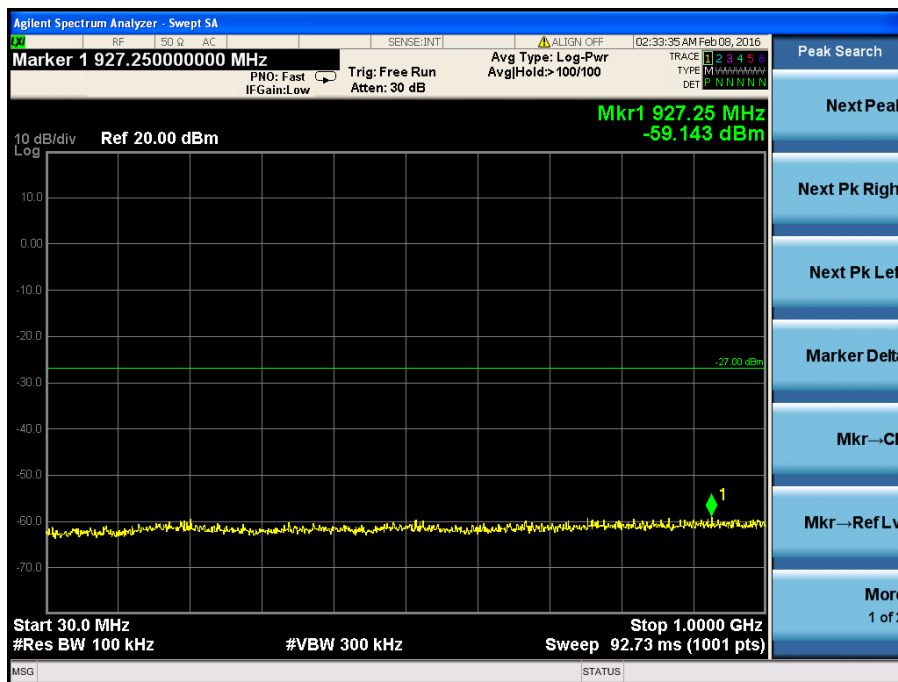


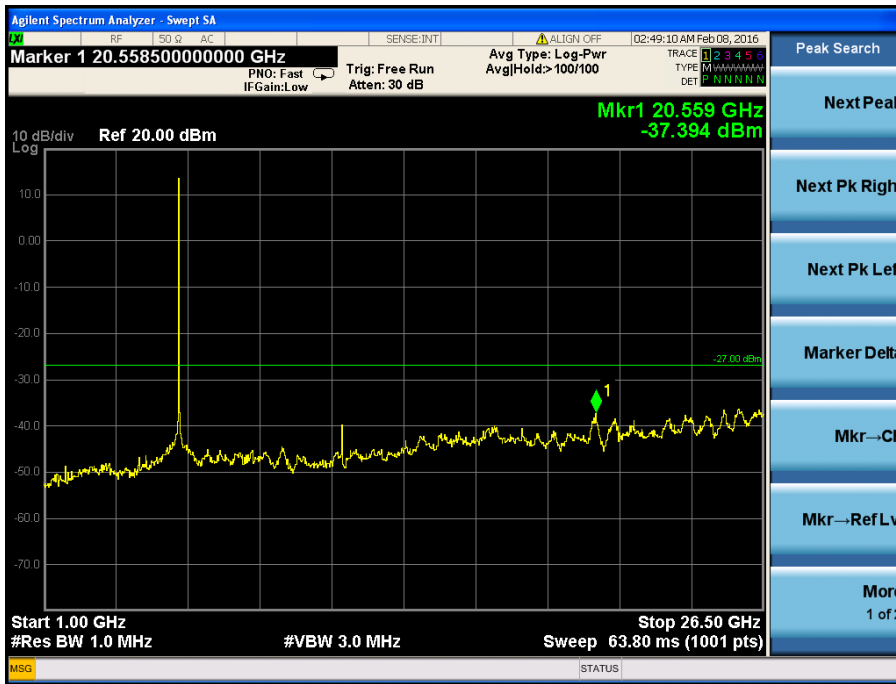
5745MHz



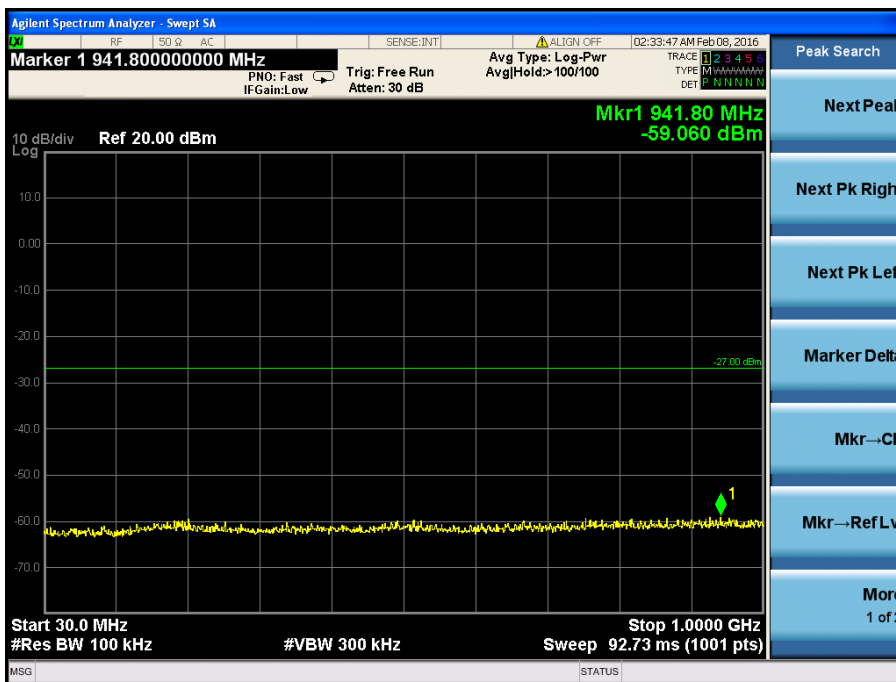


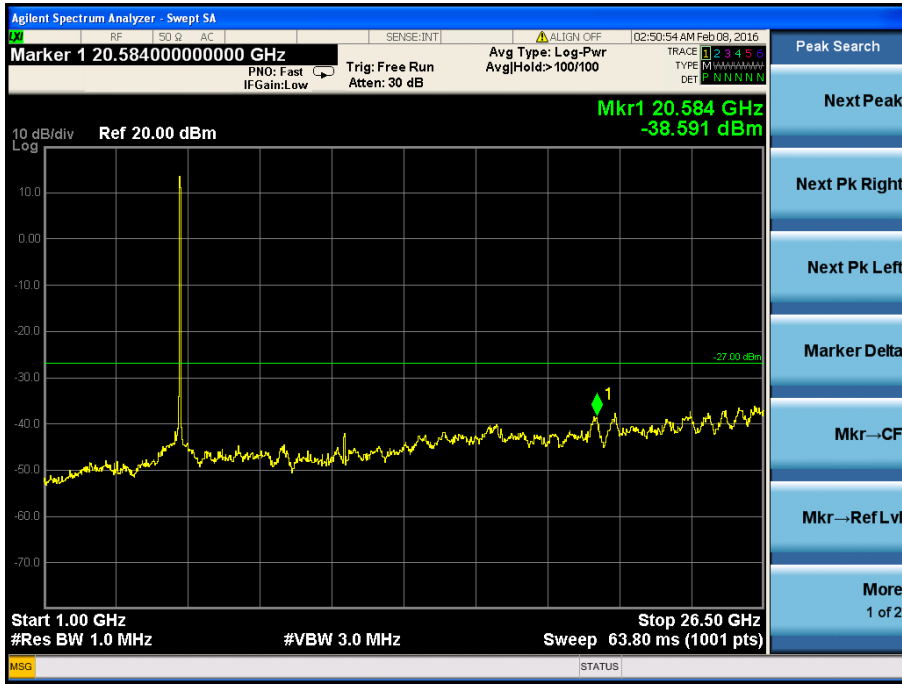
5785MHz



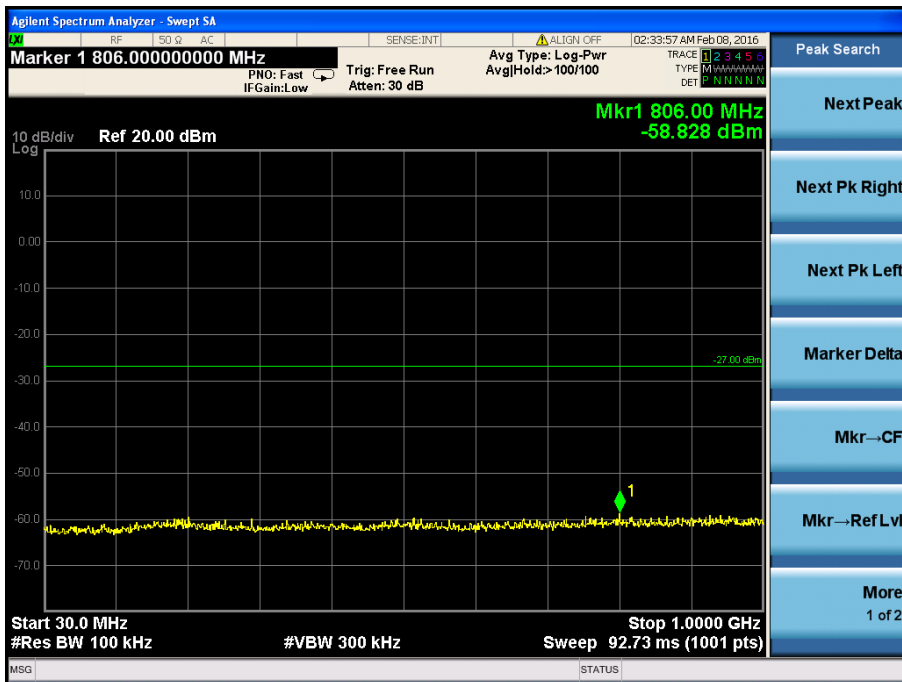


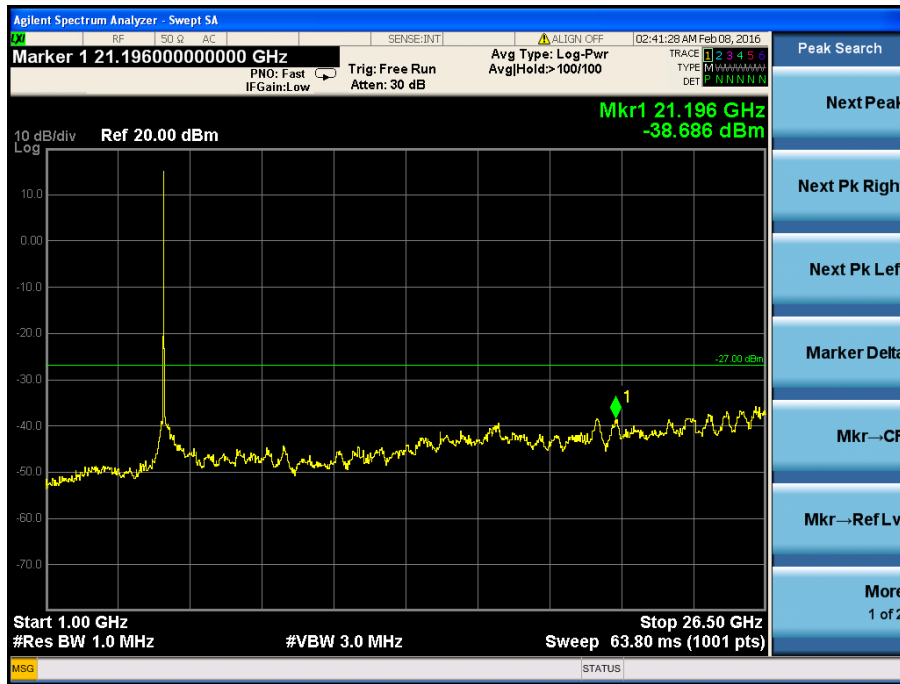
5825MHz



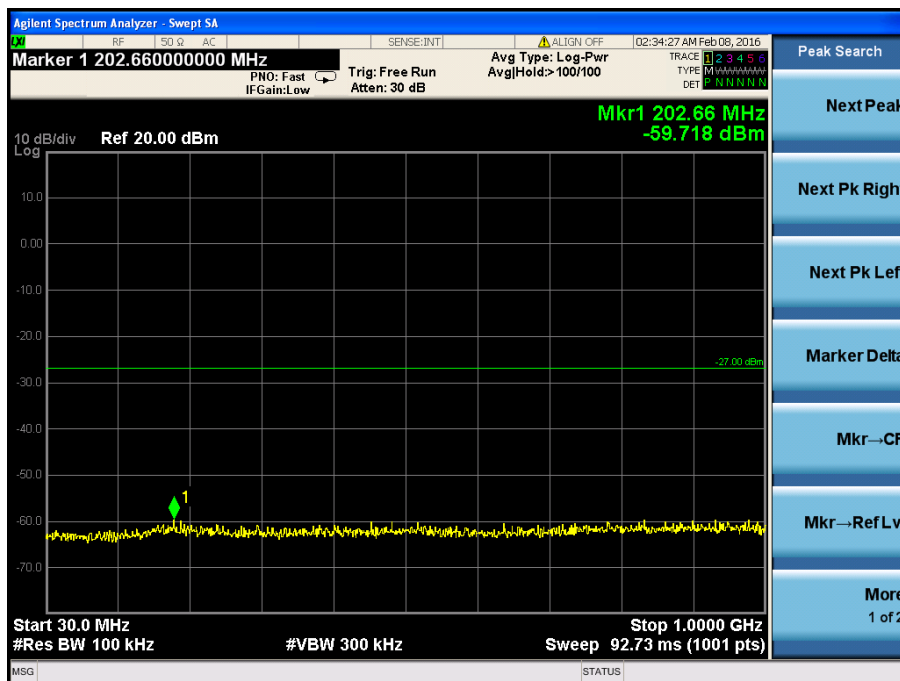


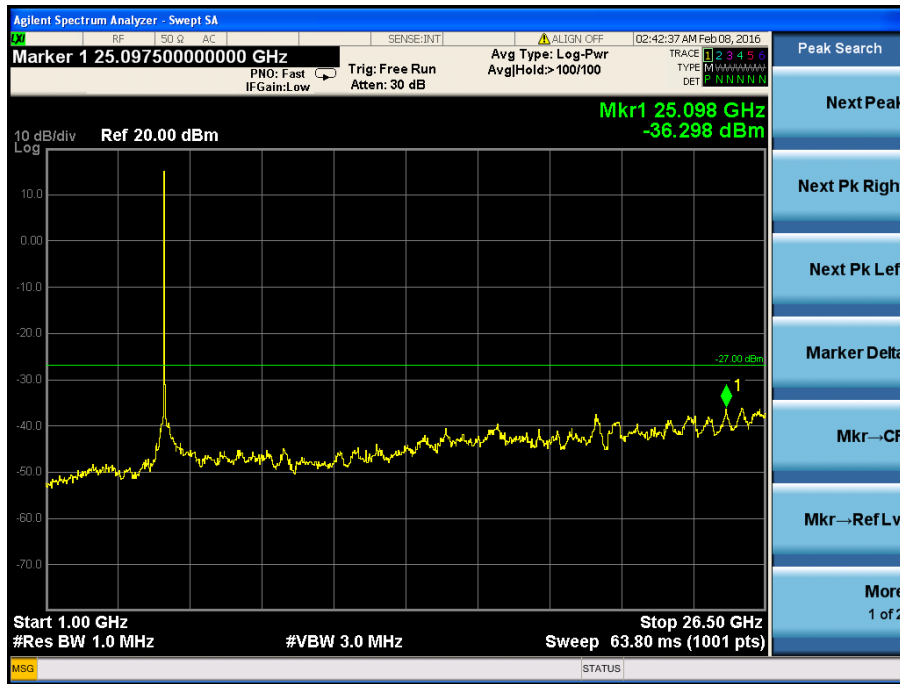
802.11n HT20
5180MHz



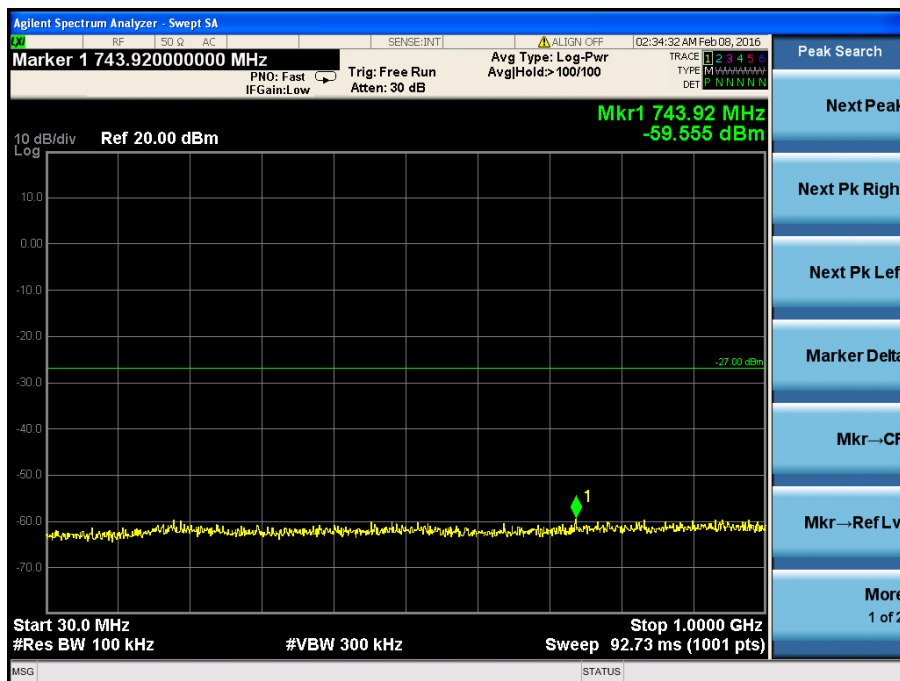


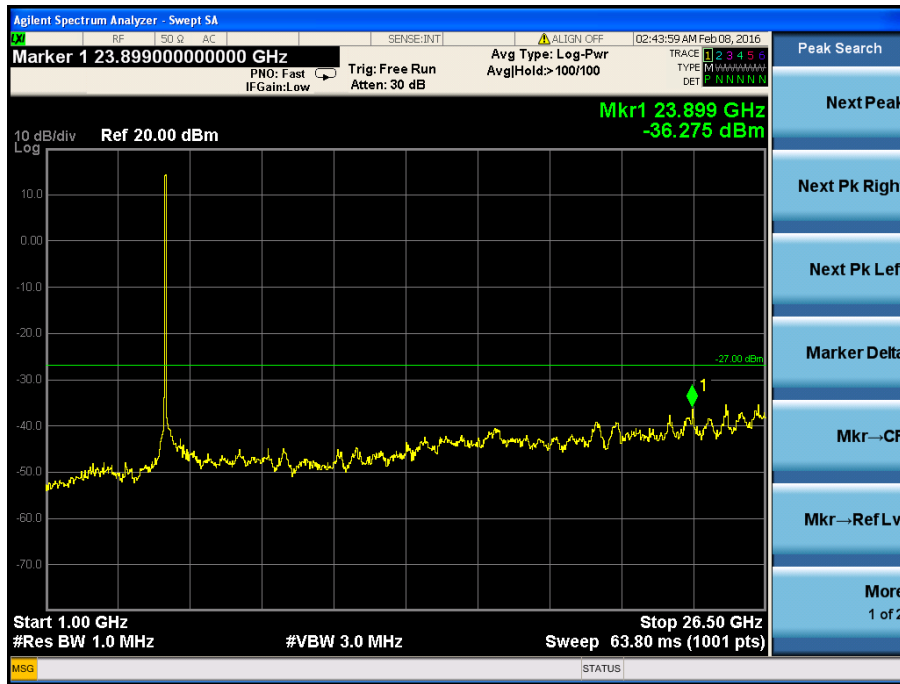
5200MHz



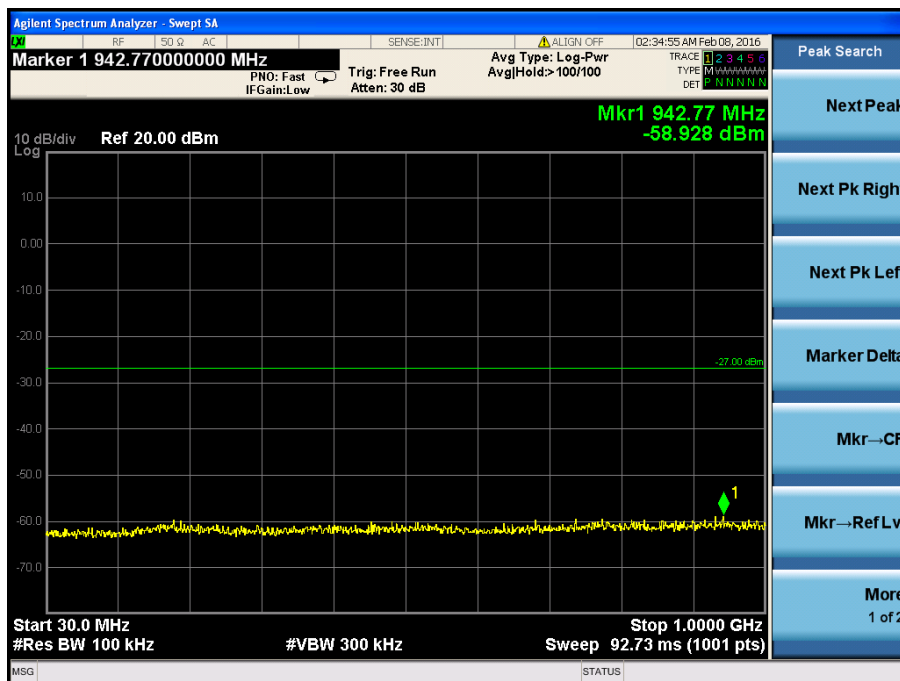


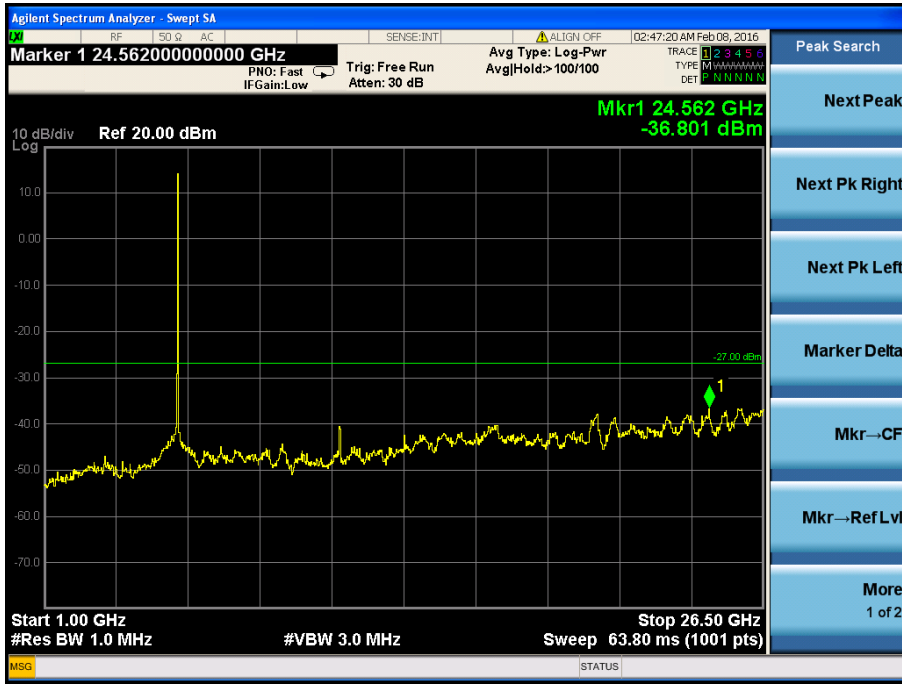
5240MHz



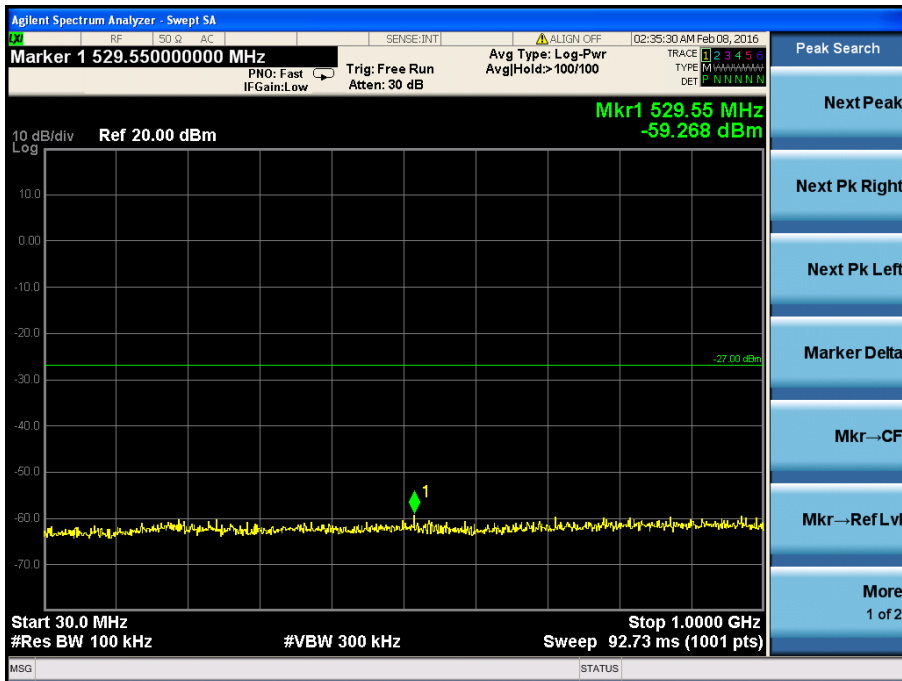


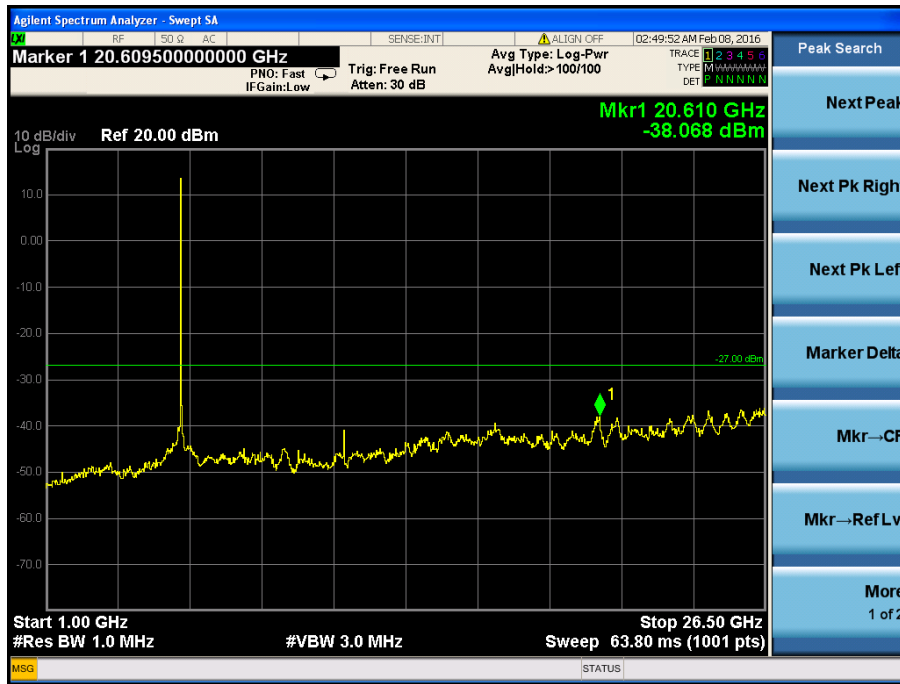
5745MHz



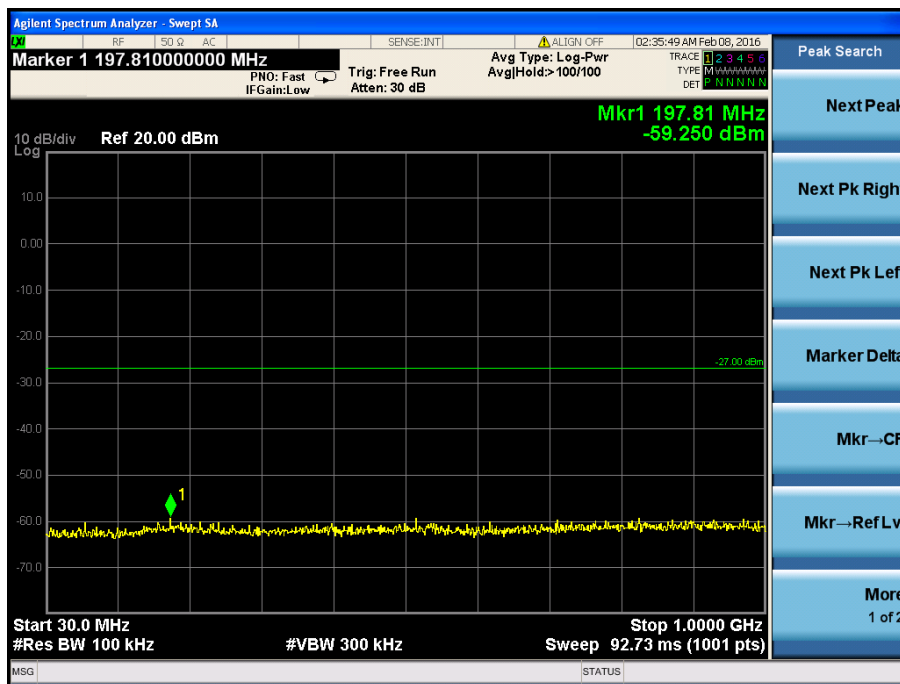


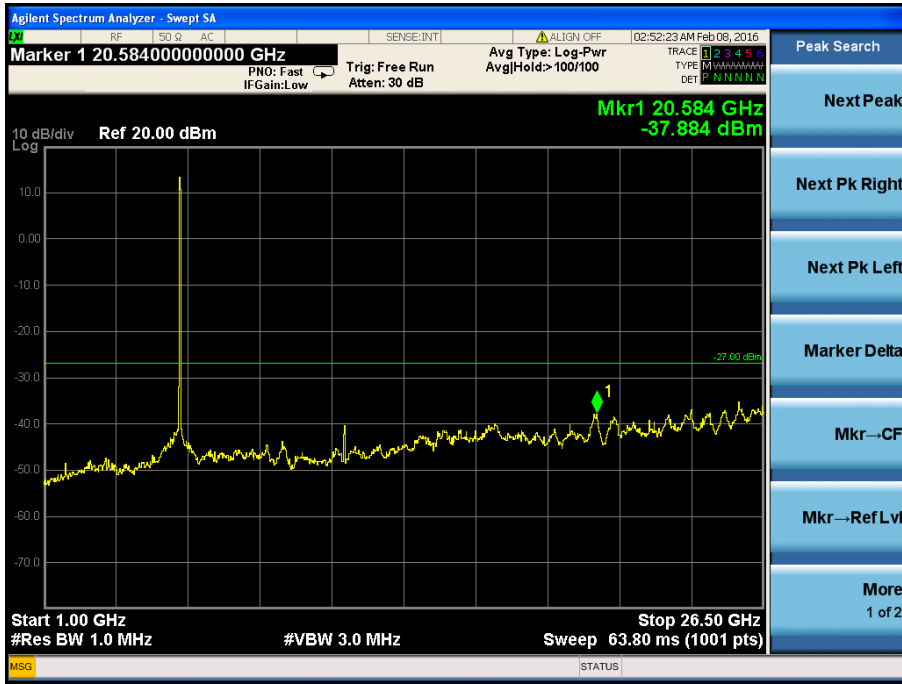
5785MHz



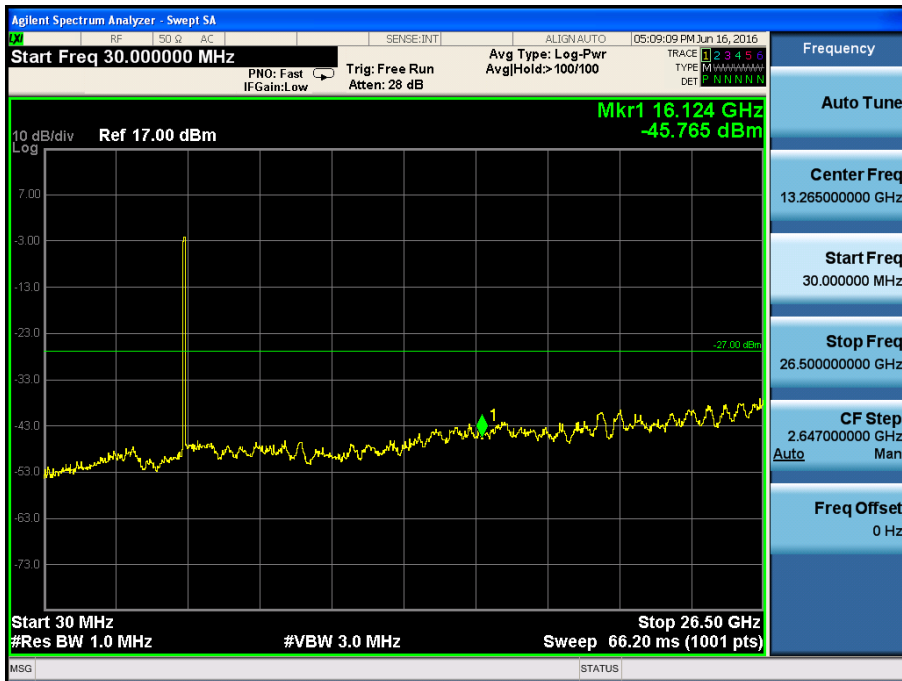


5825MHz

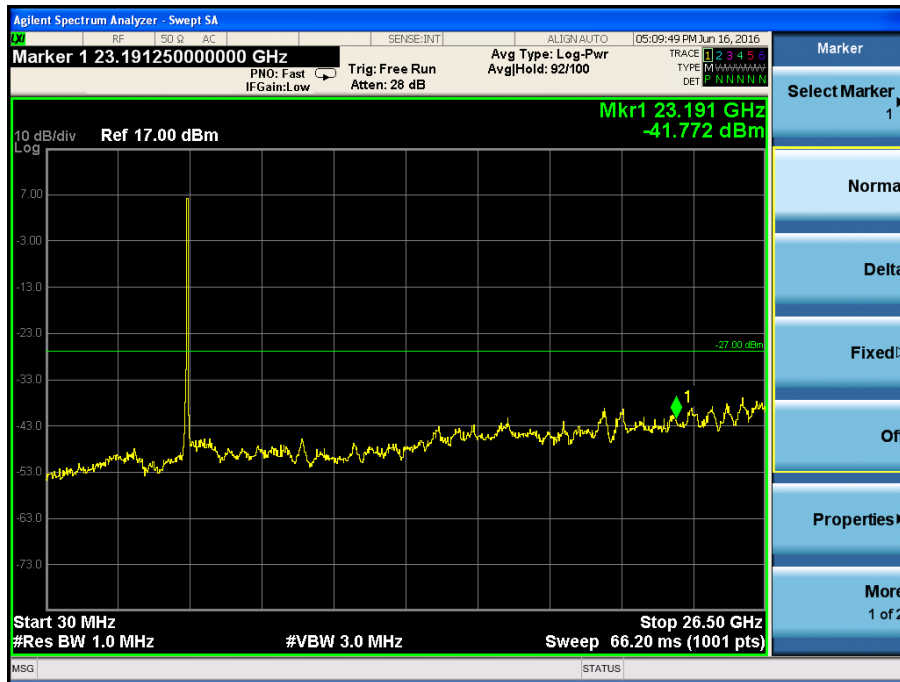




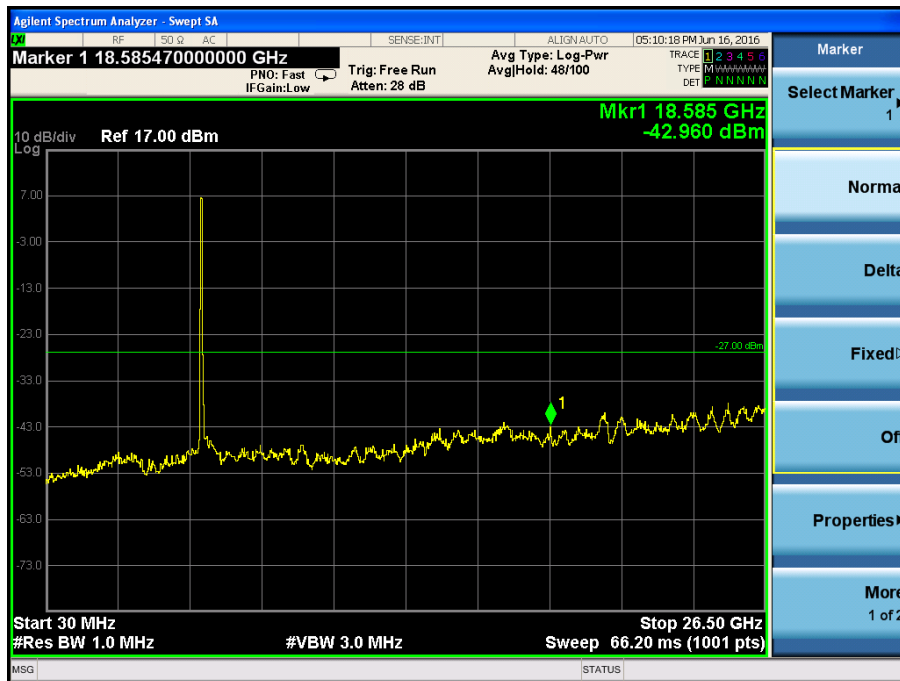
802.11n-HT40
5190MHz



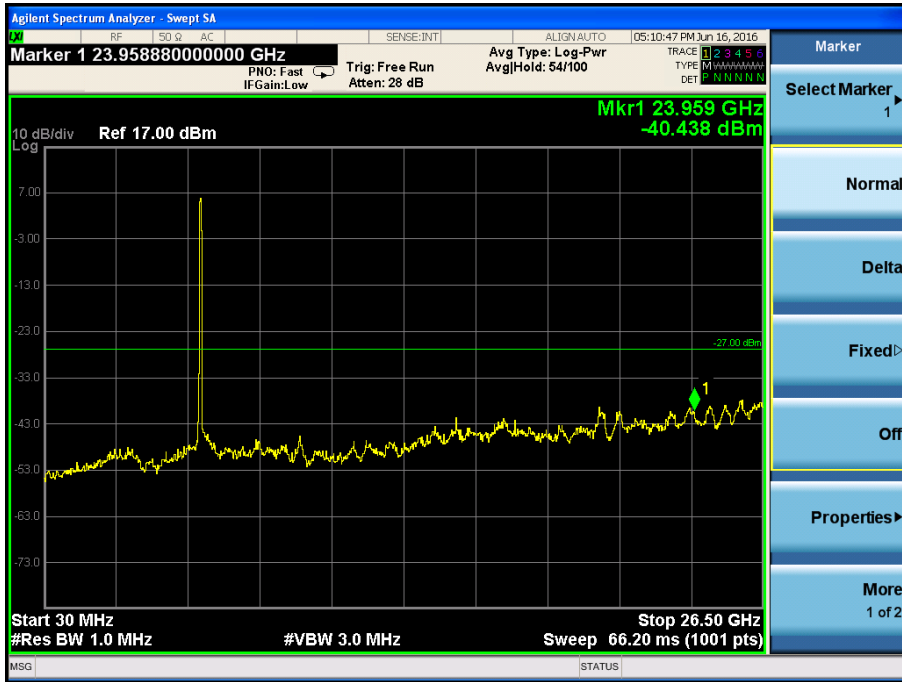
5230MHz



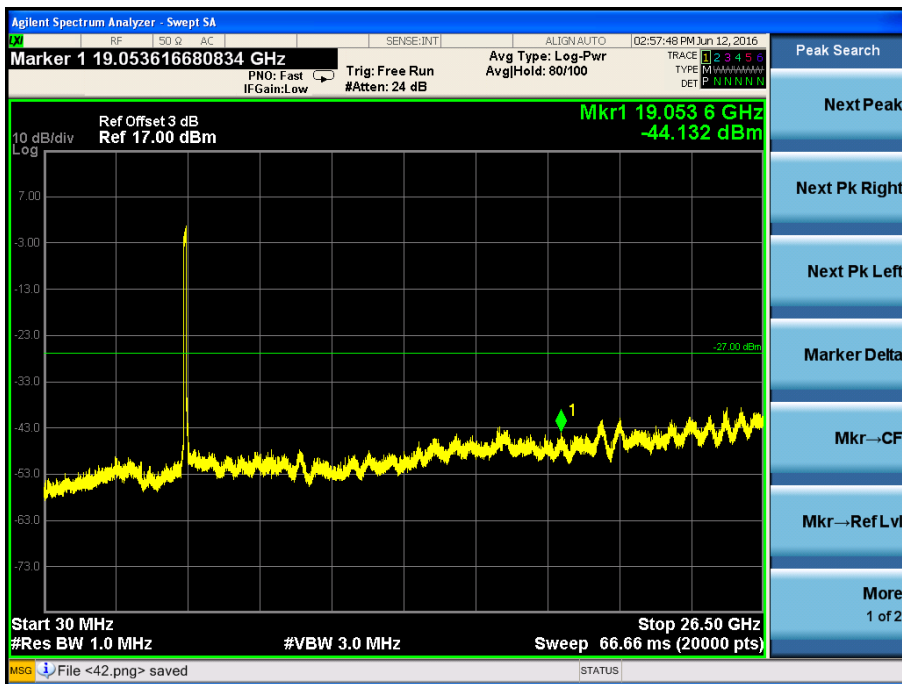
5755MHz



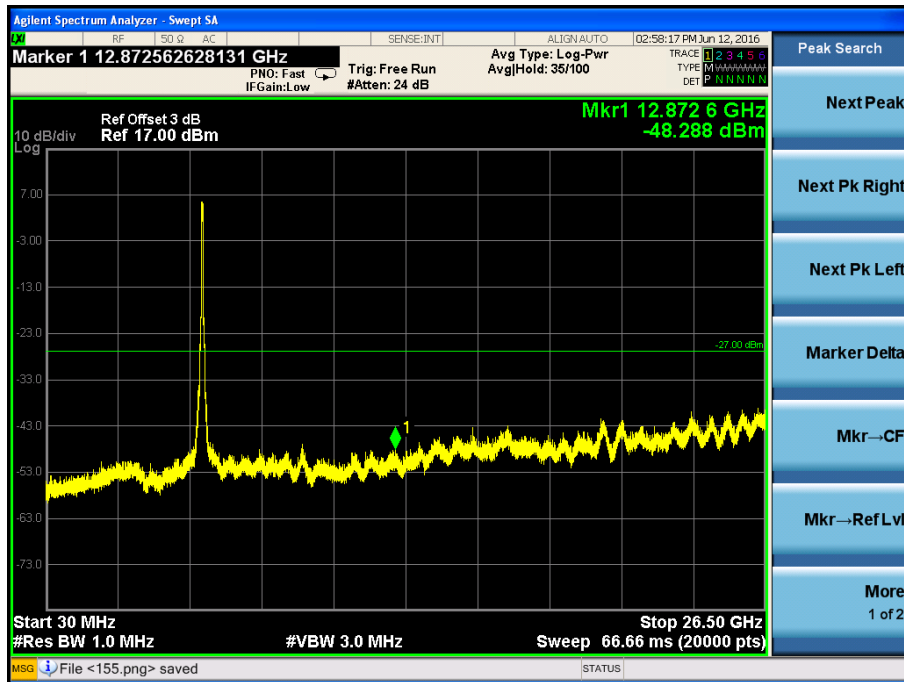
5795MHz



802.11ac80
5210MHz



5775MHz



9. Radiated Spurious Emissions

9.1 Measurement Uncertainty

Based on NIS 81, The Treatment of Uncertainty in EMC Measurements, the best estimate of the uncertainty of a radiation emissions measurement is ± 5.10 dB.

9.2 Standard Applicable

Limit

(1) Undesirable emission limits. Except as shown in paragraph (b)(7) of this section, the maximum emissions outside of the frequency bands of operation shall be attenuated in accordance with the following limits:

(a) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

(b) For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

(c) For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

(d) For transmitters operating in the 5.725-5.85 GHz band:

(i) All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

(2) Limits of Radiated Emission Measurement

Emissions radiated outside of the specified bands, shall be according to the general radiated limits in 15.209 as following:

Frequency Range (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009 ~ 0.490	2400/F(kHz)	300
0.490 ~ 1.705	24000/F(kHz)	30
1.705 ~ 30.0	30	30
30 ~ 88	10	3
88 ~ 216	150	3
216 ~ 960	200	3
Above 960	500	3

Note: 1. The lower limit shall apply at the transition frequencies.

2. Emission level (dBuV/m) = $20 \log$ Emission level (uV/m).

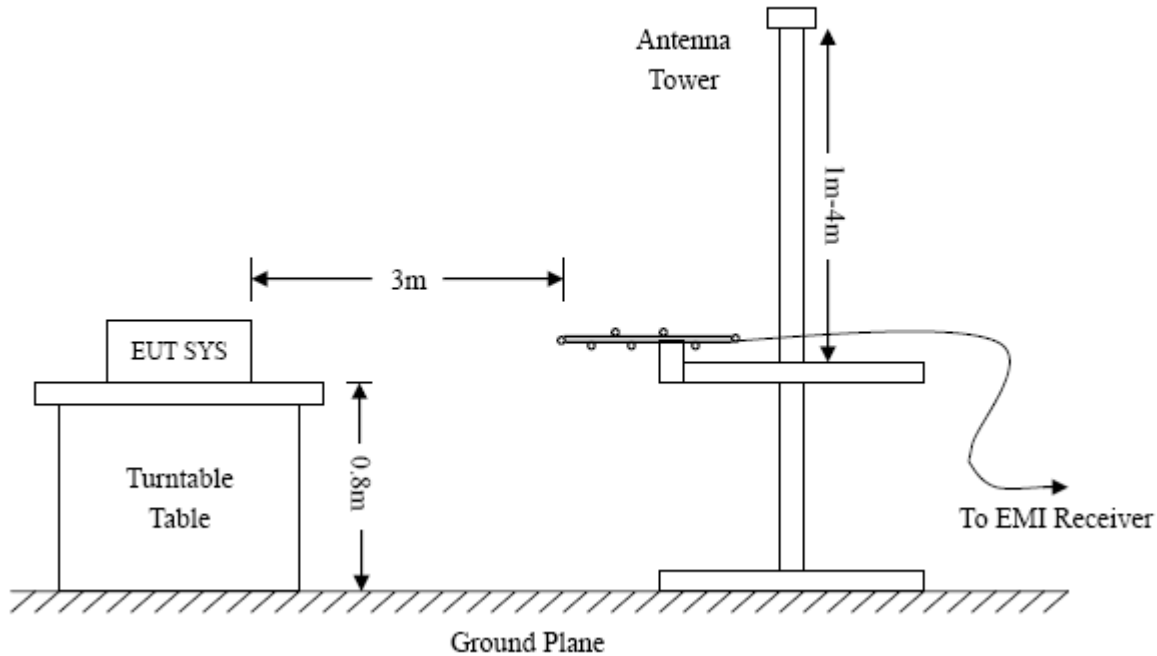
3. As shown in 15.35(b), for frequencies above 1000MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed the maximum permitted average limits, specified above by more than 20dB under any condition of modulation.

9.3 Test Procedure

The setup of EUT is according with per ANSI C63.4-2014 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.



9.4 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

9.5 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 -6dBμV means the emission is 6dBμV below the maximum limit. The equation for margin calculation is as follows:

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

9.6 Environmental Conditions

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

9.7 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:

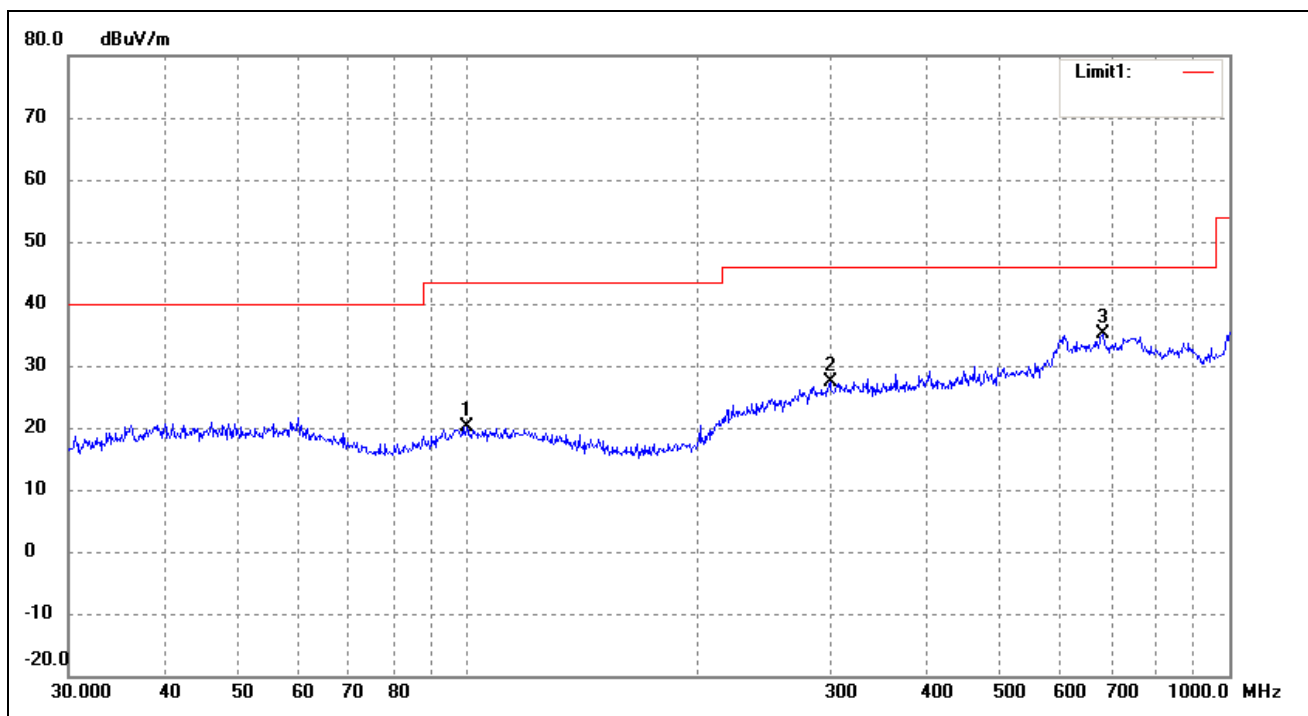
Note: this EUT was tested in 3 orthogonal positions and the worst case position data was reported.

For 802.11a

Spurious Emission From 30 MHz to 1 GHz

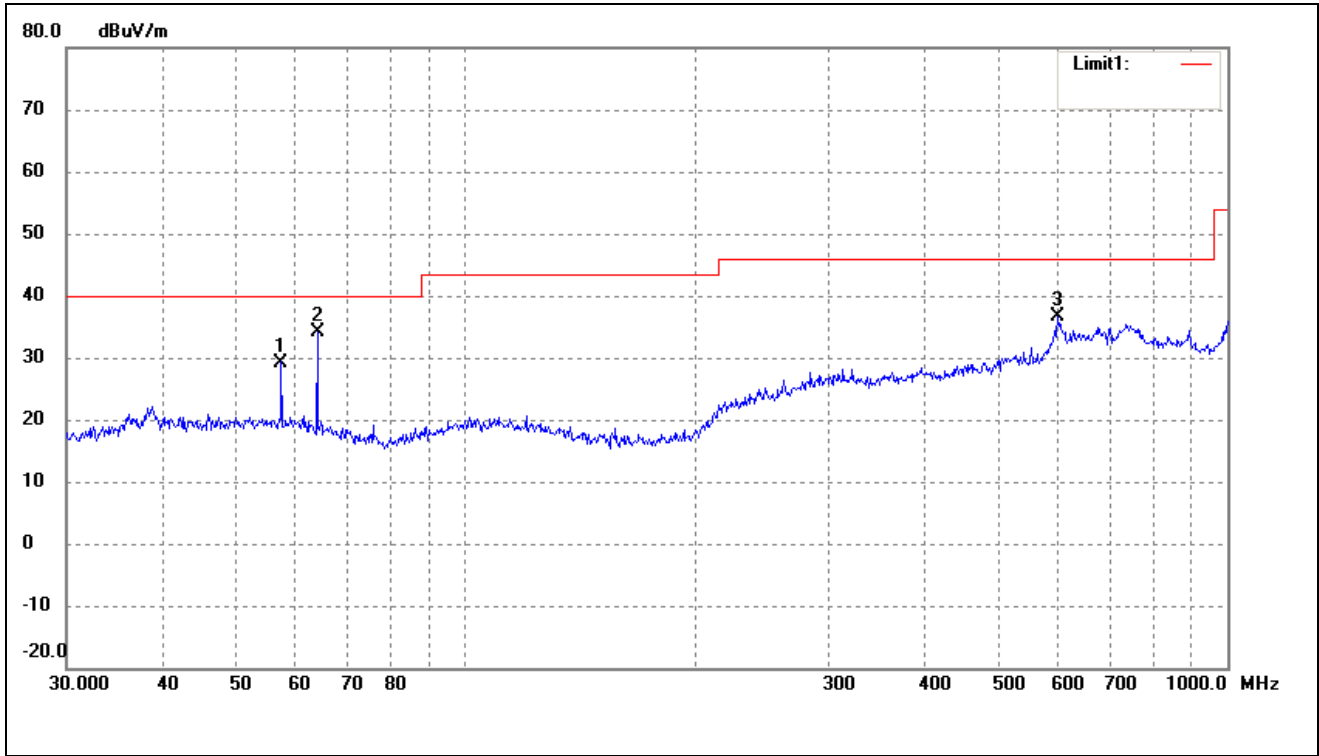
Test mode: Transmitting Channel 5180MHz

Horizontal



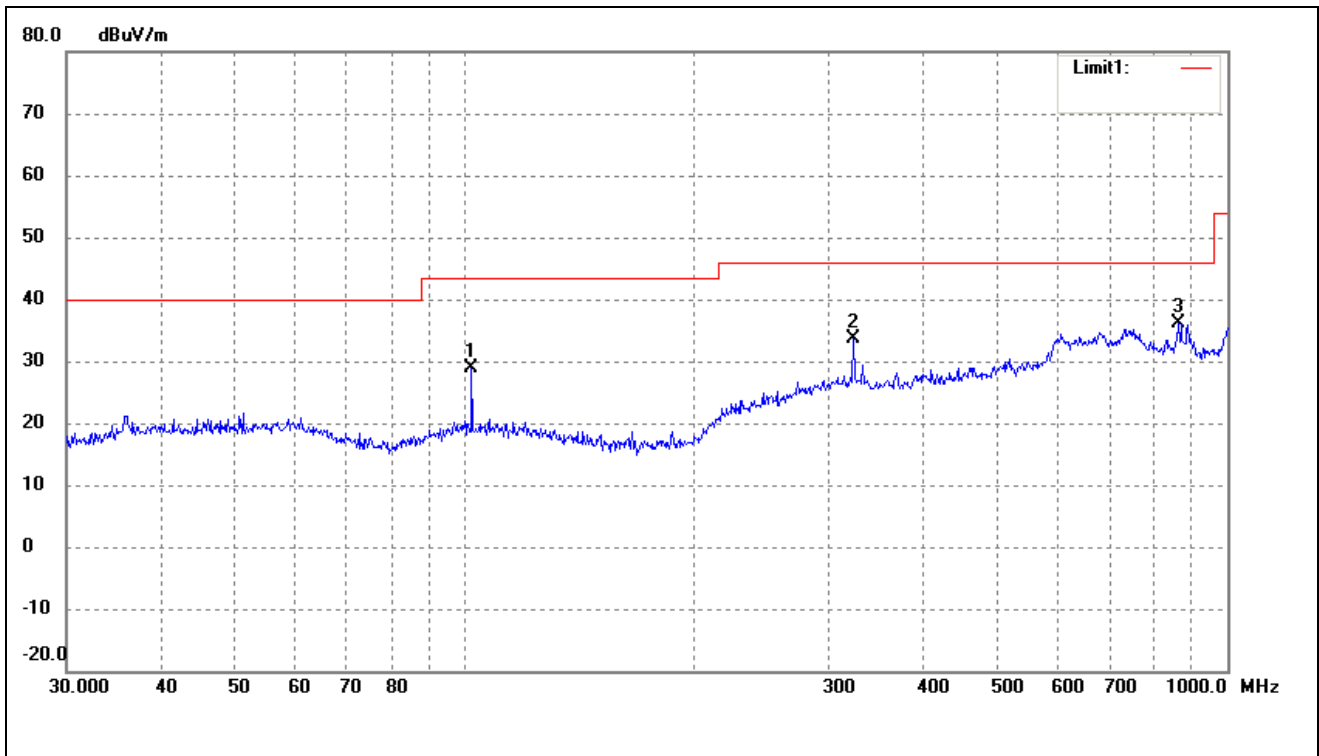
No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	99.8777	15.14	5.11	20.25	43.50	-23.25	254	100	peak
2	299.3158	15.19	12.15	27.34	46.00	-18.66	100	100	peak
3	682.3485	15.96	19.08	35.04	46.00	-10.96	284	100	peak

Test Specification: Vertical



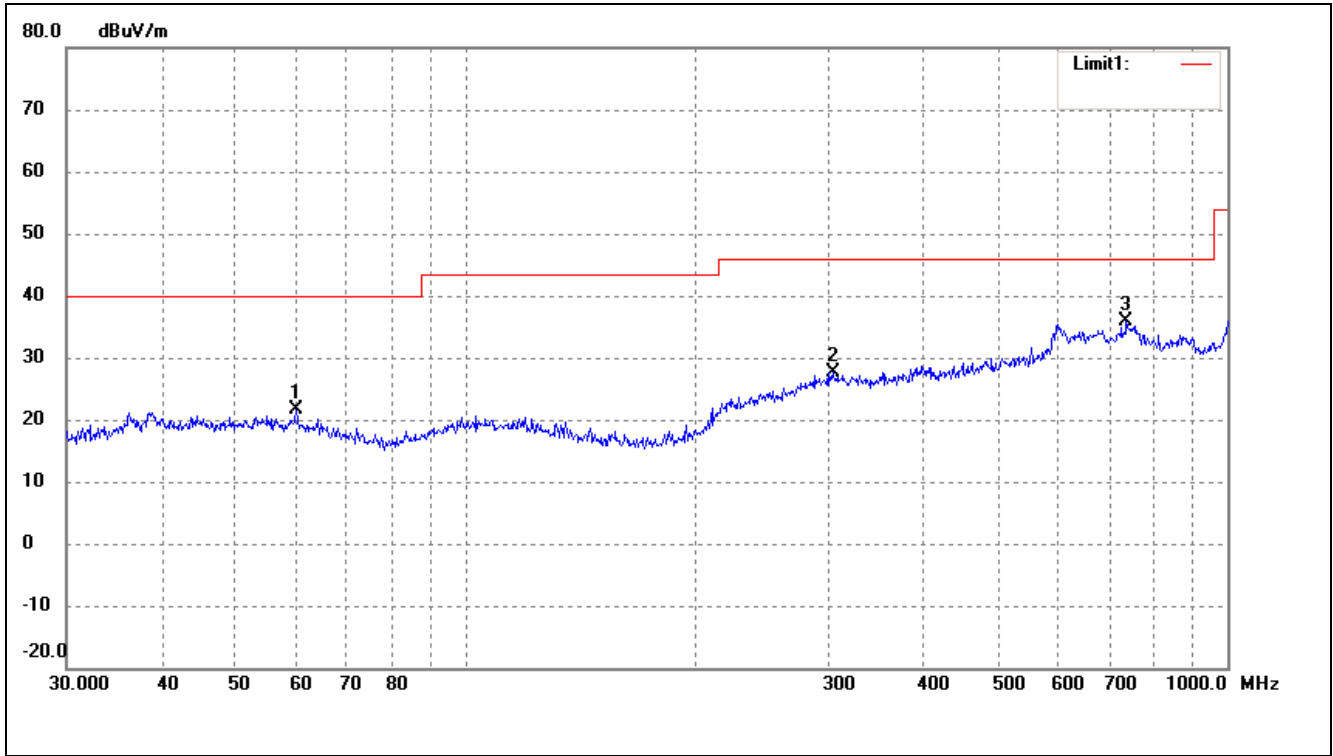
No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	57.3923	23.91	5.34	29.25	40.00	-10.75	100	100	peak
2	63.9828	29.75	4.50	34.25	40.00	-5.75	100	100	peak
3	599.3213	17.38	19.19	36.57	46.00	-9.43	100	100	peak

Test mode: Transmitting Channel 5300MHz
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	102.0014	23.77	5.11	28.88	43.50	-14.62	100	100	peak
2	323.3204	21.32	12.19	33.51	46.00	-12.49	100	100	peak
3	863.0562	18.82	17.38	36.20	46.00	-9.80	100	100	peak

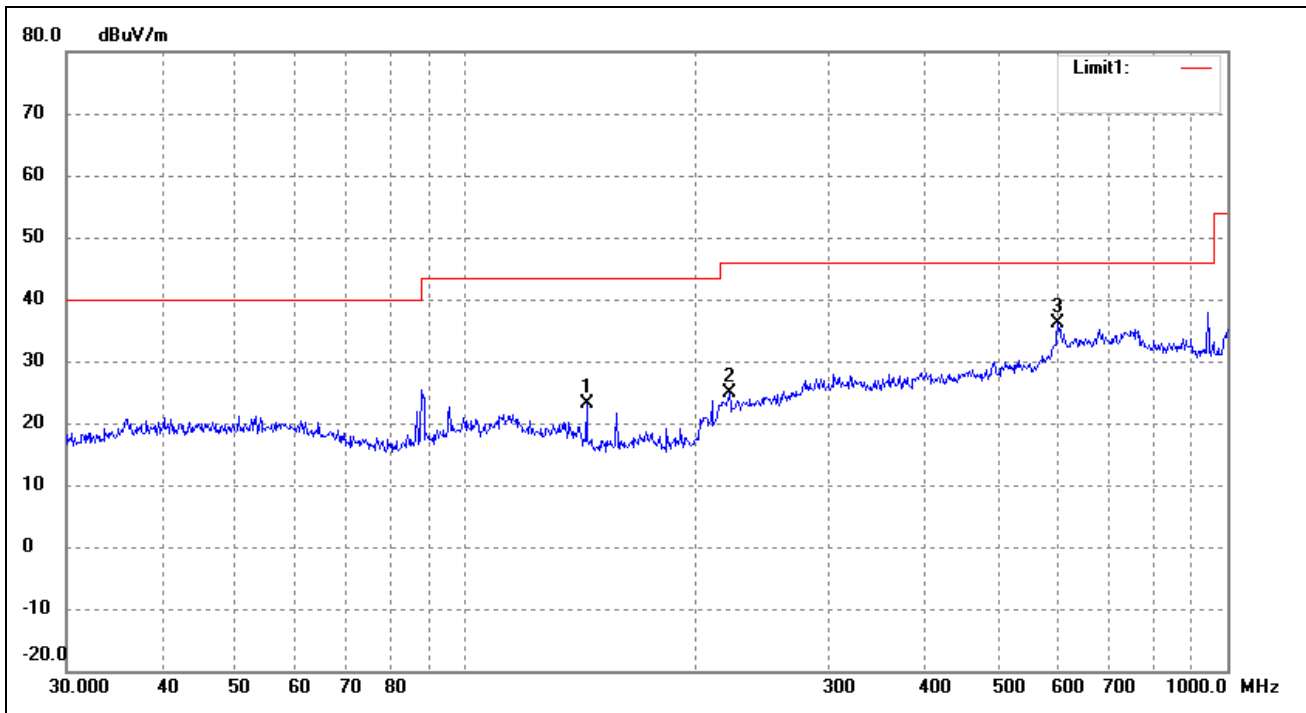
Test Specification: Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	60.0691	16.32	5.36	21.68	40.00	-18.32	256	100	peak
2	303.5437	15.45	12.19	27.64	46.00	-18.36	360	100	peak
3	737.0714	16.47	19.37	35.84	46.00	-10.16	360	100	peak

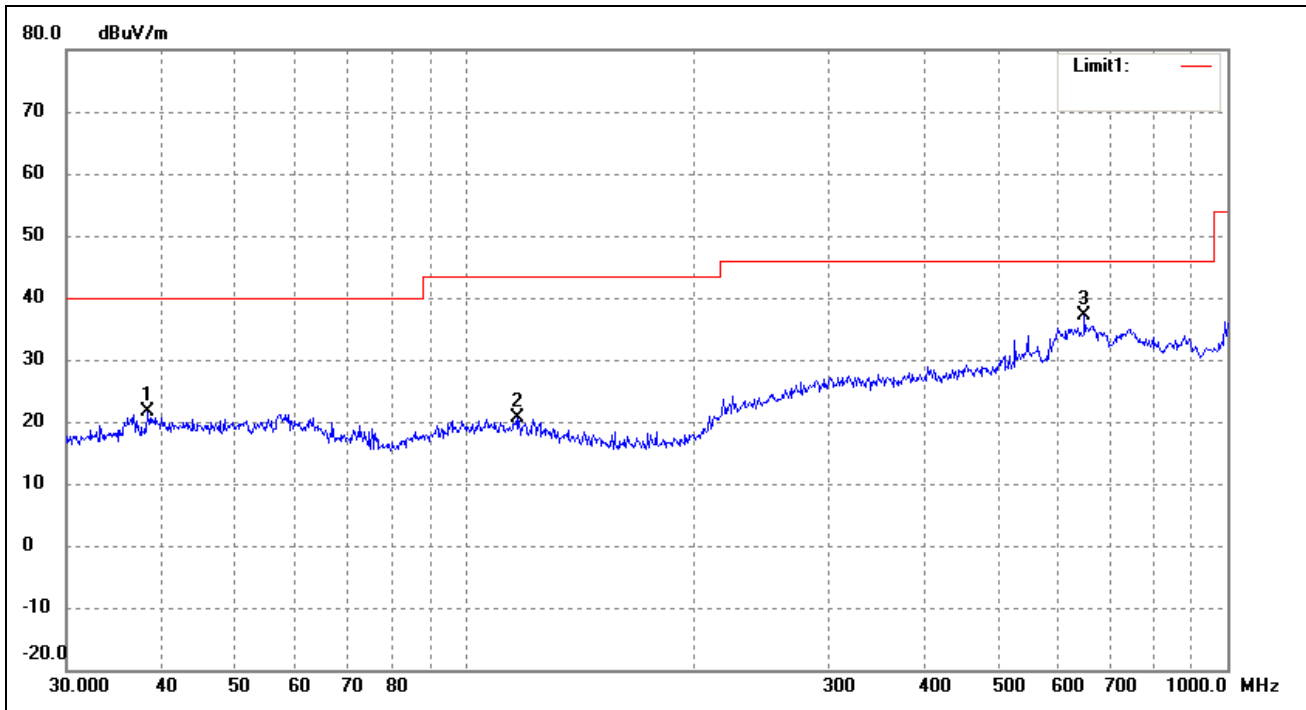
Test mode: Transmitting Channel 5580MHz

Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	144.3348	19.88	3.23	23.11	43.50	-20.39	176	100	peak
2	222.1698	16.68	8.24	24.92	46.00	-21.08	255	100	peak
3	599.3213	16.89	19.19	36.08	46.00	-9.92	360	100	peak

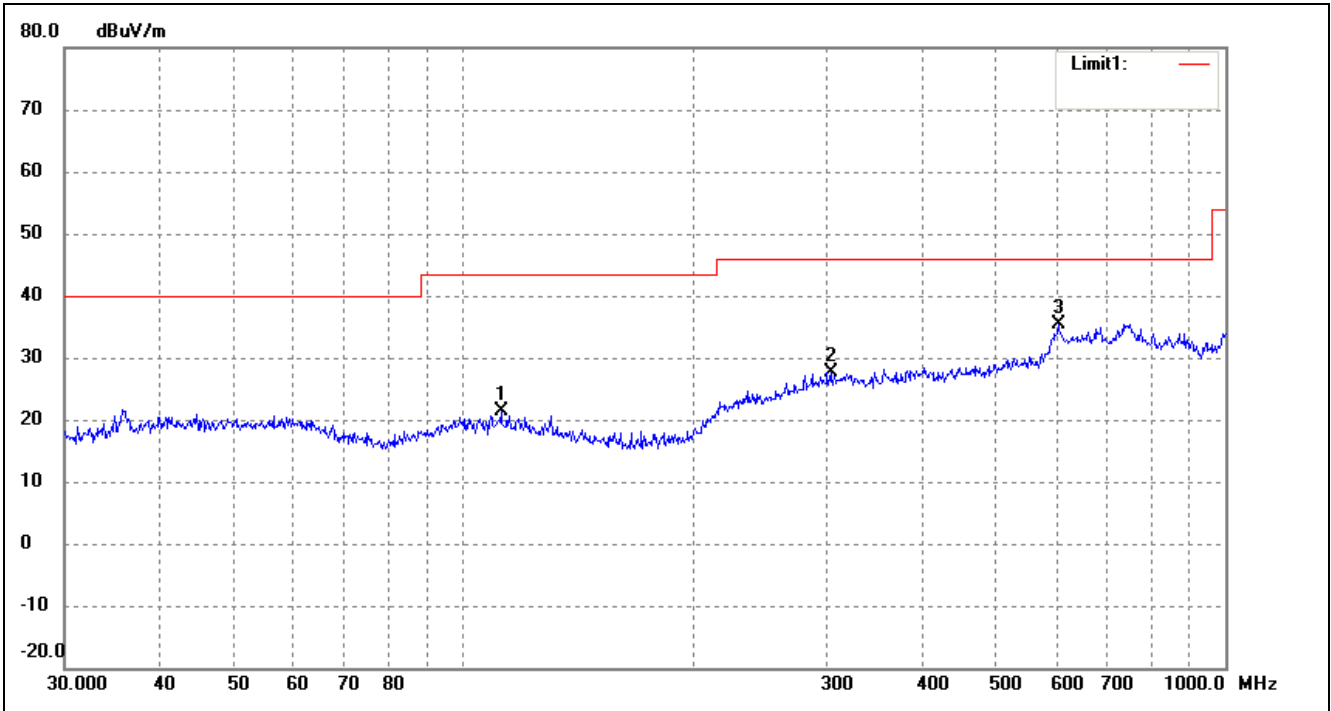
Test Specification: Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	38.3462	16.66	4.97	21.63	40.00	-18.37	360	100	peak
2	116.9495	15.57	5.03	20.60	43.50	-22.90	225	100	peak
3	649.6597	18.64	18.39	37.03	46.00	-8.97	160	100	peak

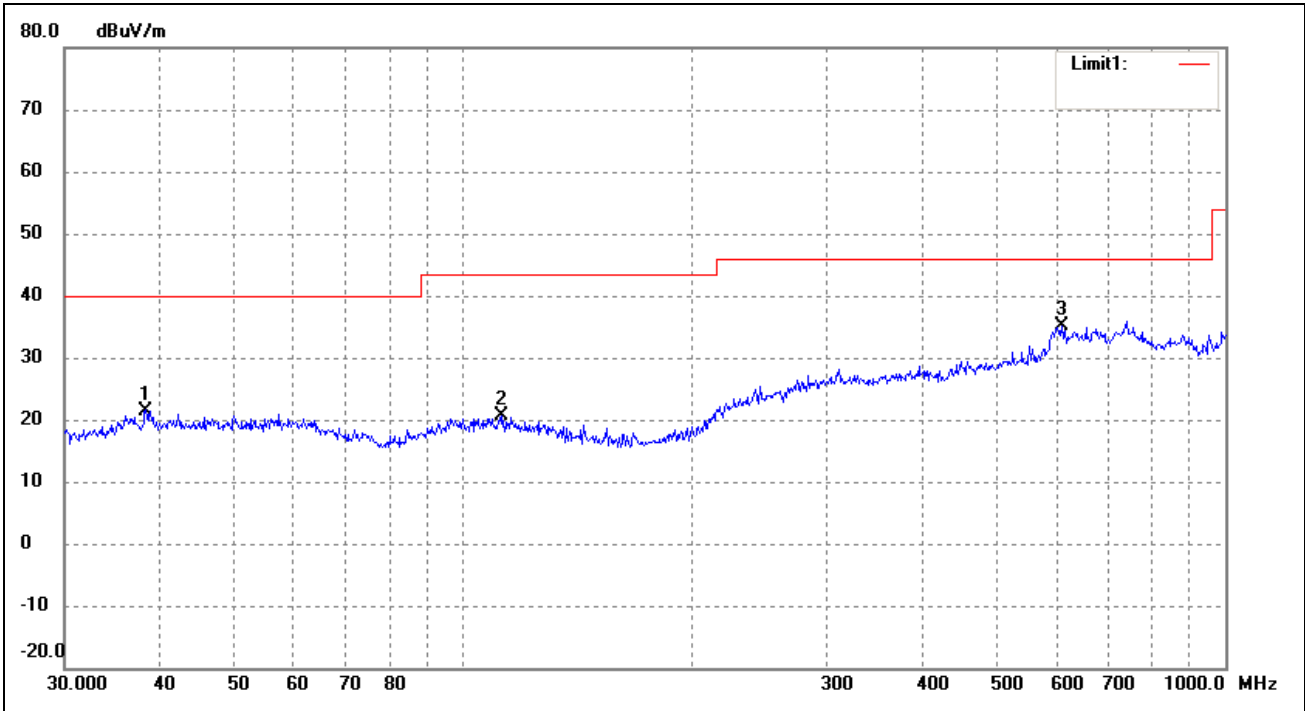
Test mode: Transmitting Channel 5785MHz

Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	112.1305	16.23	5.06	21.29	43.50	-22.21	100	100	peak
2	303.5437	15.50	12.19	27.69	46.00	-18.31	160	100	peak
3	603.5392	16.42	19.06	35.48	46.00	-10.52	320	100	peak

Test Specification: Vertical

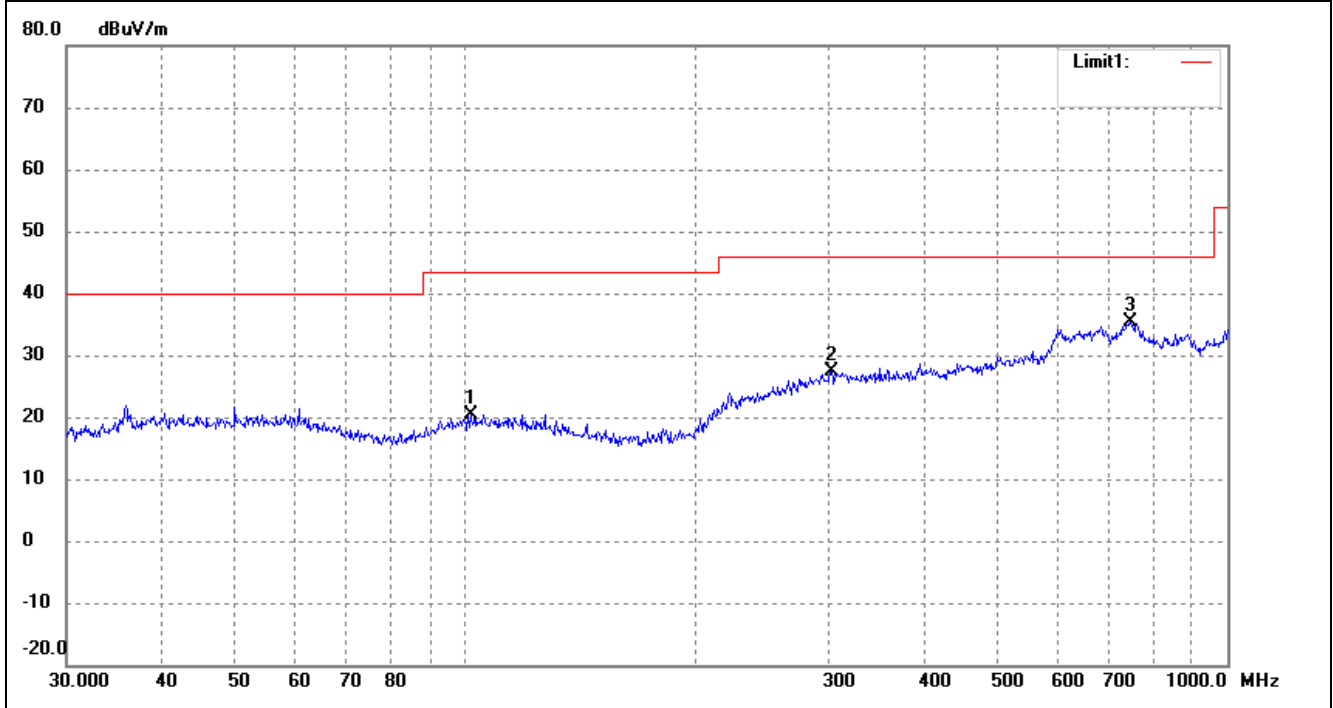


No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	38.3462	16.53	4.97	21.50	40.00	-18.50	100	100	peak
2	112.5244	15.58	5.06	20.64	43.50	-22.86	100	100	peak
3	609.9217	16.56	18.63	35.19	46.00	-10.81	336	100	peak

For 802.11n-HT20

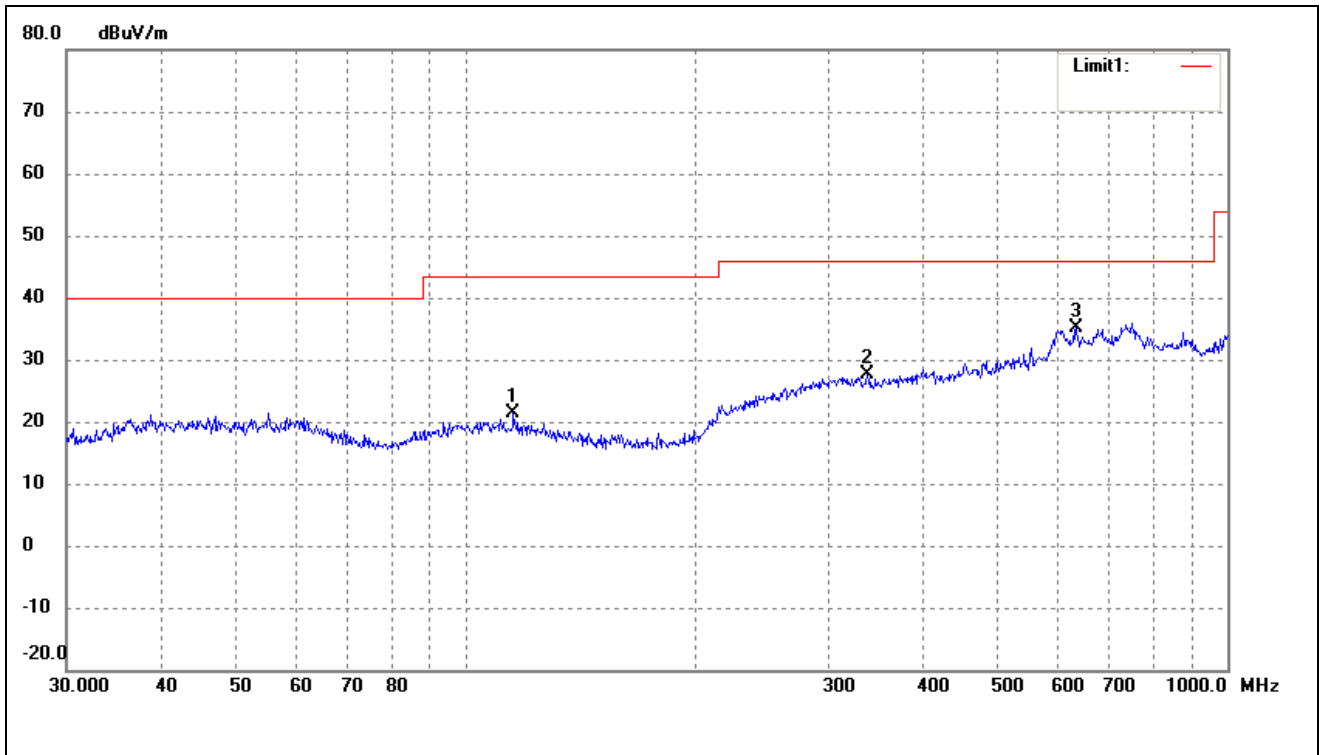
Test mode: Transmitting Channel 5180MHz

Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	101.6443	15.22	5.11	20.33	43.50	-23.17	270	100	peak
2	302.4812	15.10	12.19	27.29	46.00	-18.71	100	100	peak
3	744.8661	16.08	19.33	35.41	46.00	-10.59	228	200	peak

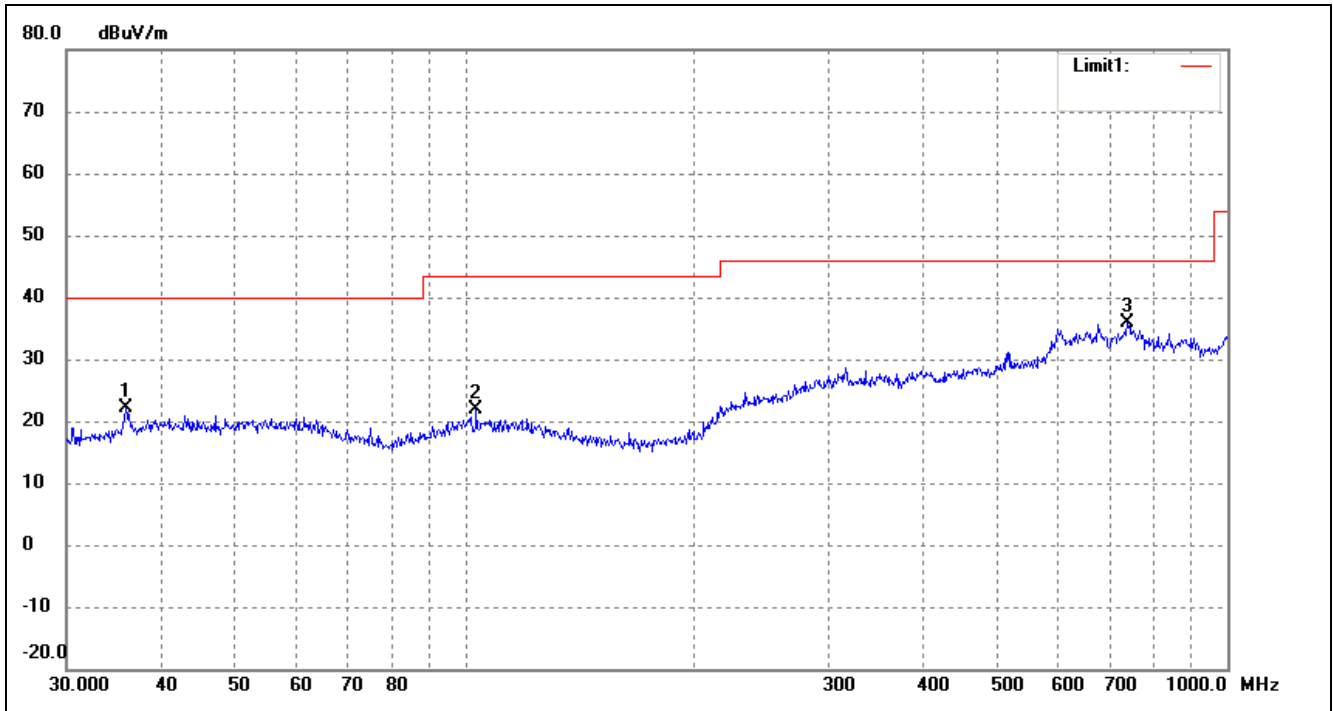
Test Specification: Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	115.7256	16.43	5.04	21.47	43.50	-22.03	360	100	peak
2	337.2155	15.89	11.80	27.69	46.00	-18.31	100	100	peak
3	633.9073	16.60	18.41	35.01	46.00	-10.99	100	100	peak

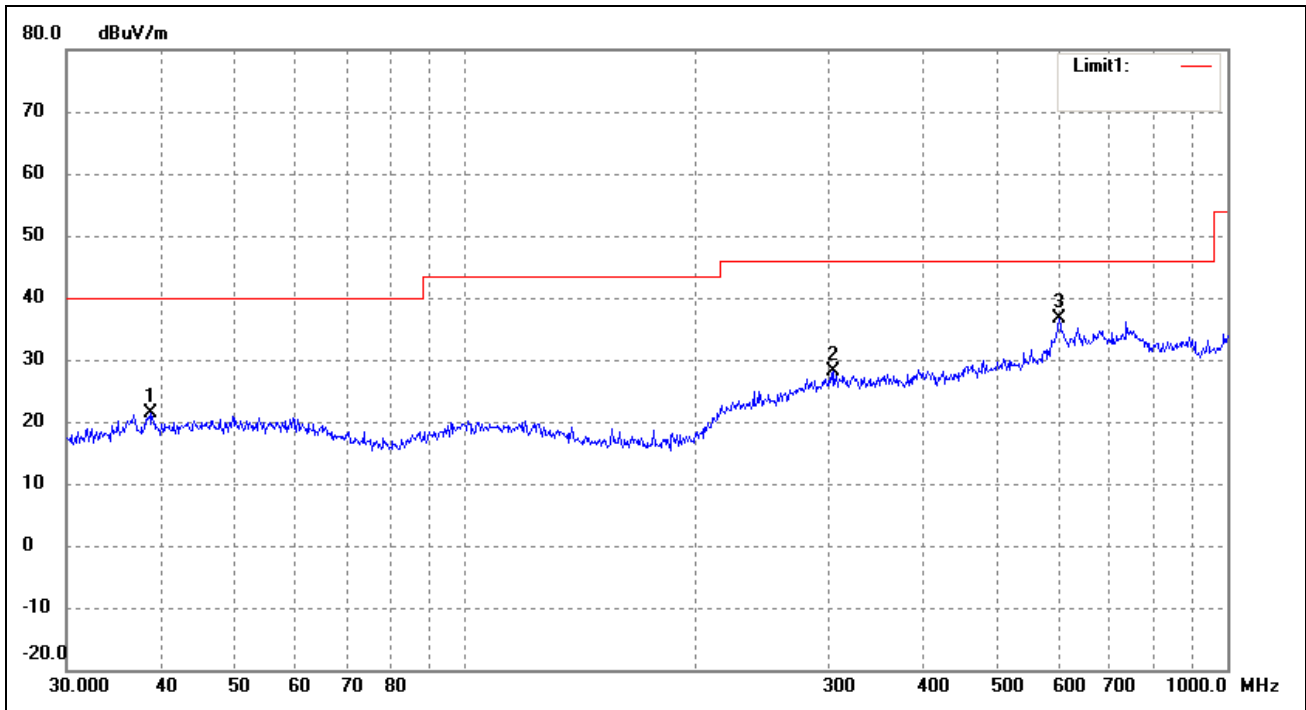
Test mode: Transmitting Channel 5260MHz

Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	35.8747	17.61	4.54	22.15	40.00	-17.85	270	100	peak
2	103.4421	16.74	5.12	21.86	43.50	-21.64	100	200	peak
3	739.6605	16.37	19.53	35.90	46.00	-10.10	100	200	peak

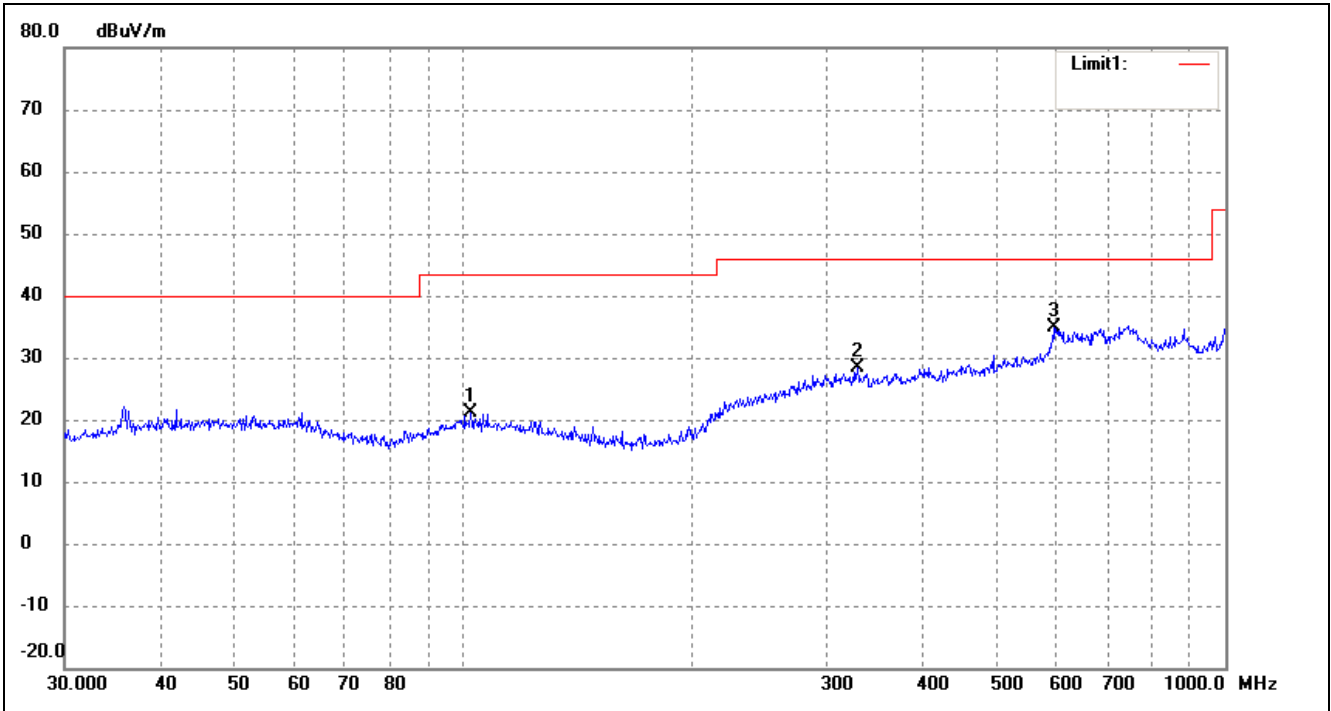
Test Specification: Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	38.6161	16.37	5.01	21.38	40.00	-18.62	360	100	peak
2	304.6100	16.01	12.19	28.20	46.00	-17.80	100	100	peak
3	601.4265	17.40	19.22	36.62	46.00	-9.38	100	100	peak

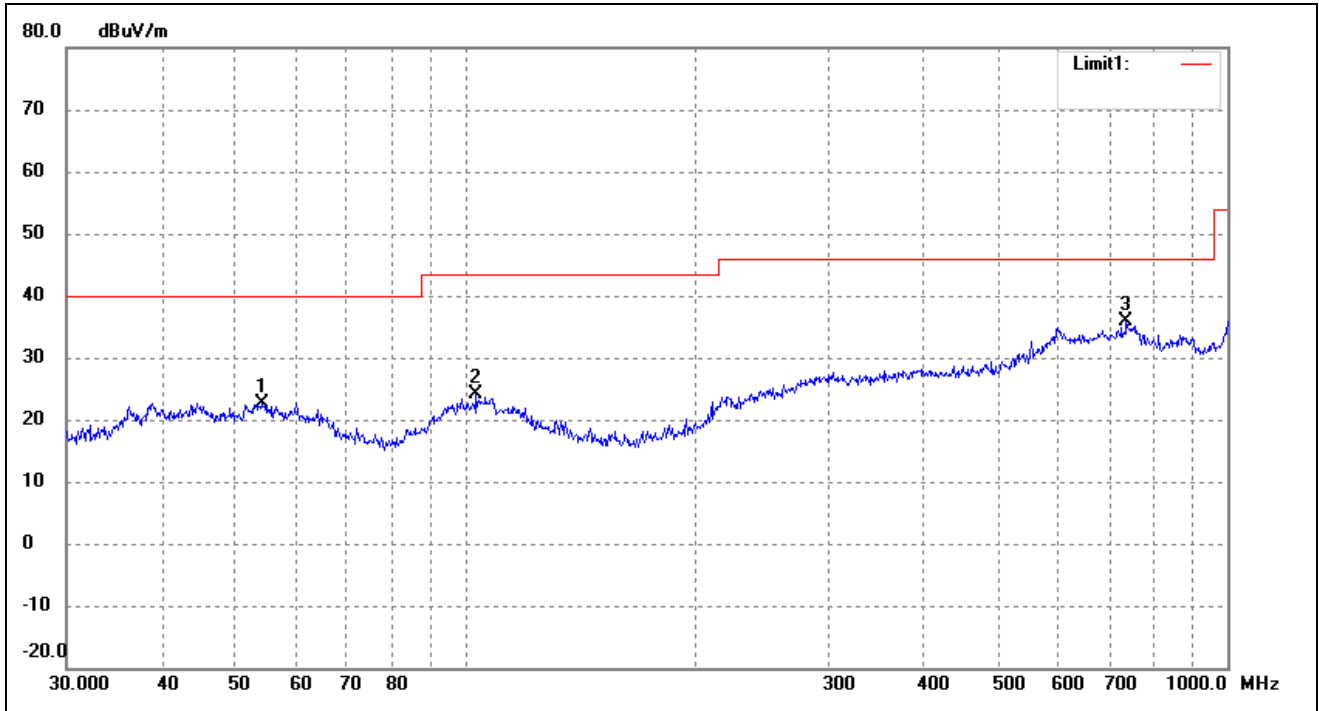
Test mode: Transmitting Channel 5580MHz

Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	102.3597	16.02	5.12	21.14	43.50	-22.36	260	100	peak
2	329.0390	16.31	12.03	28.34	46.00	-17.66	100	200	peak
3	595.1329	16.37	18.41	34.78	46.00	-11.22	285	200	peak

Test Specification: Vertical

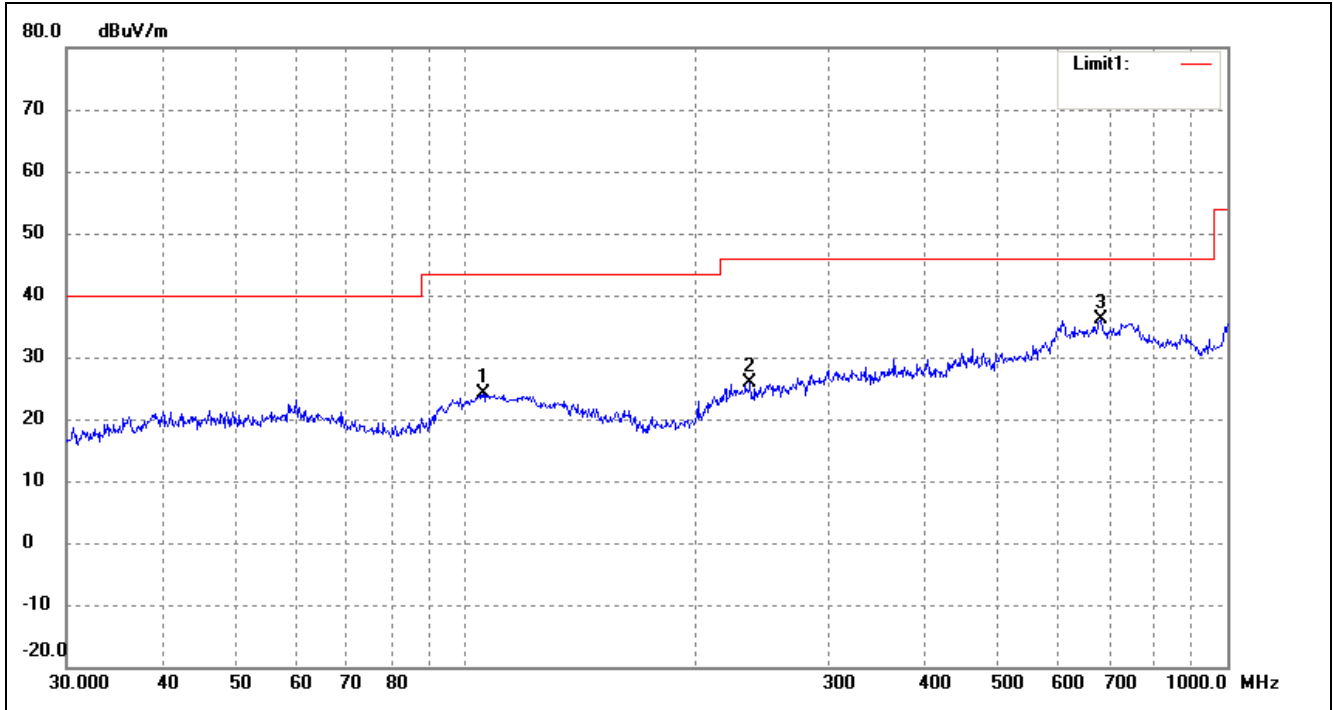


No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	54.0711	17.33	5.31	22.64	40.00	-17.36	155	100	peak
2	103.4420	19.08	5.12	24.20	43.50	-19.30	100	100	peak
3	737.0714	16.47	19.37	35.84	46.00	-10.16	100	100	peak

Test mode: Transmitting Channel 5745MHz

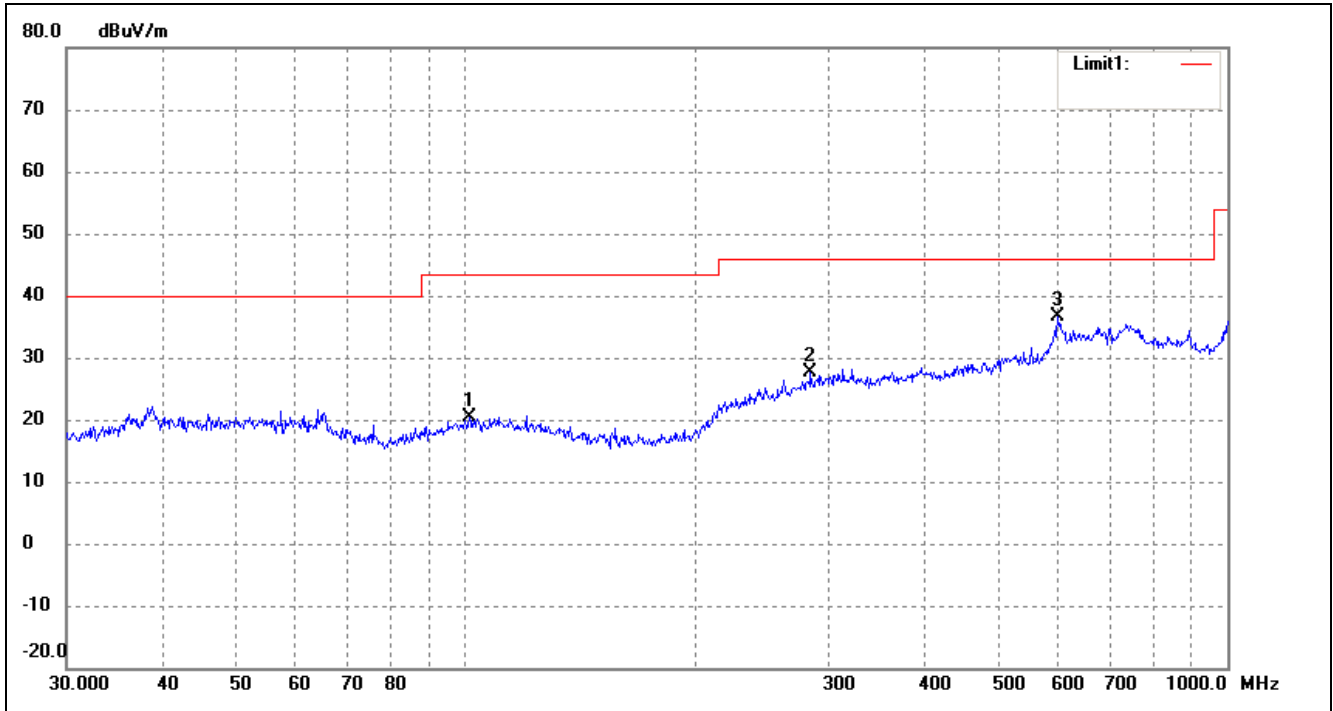
Horizontal

Test Specification: Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	105.6414	18.94	5.09	24.03	43.50	-19.47	274	100	peak
2	236.6447	16.63	9.13	25.76	46.00	-20.24	116	100	peak
3	682.3484	16.96	19.08	36.04	46.00	-9.96	100	100	peak

Test Specification: Vertical

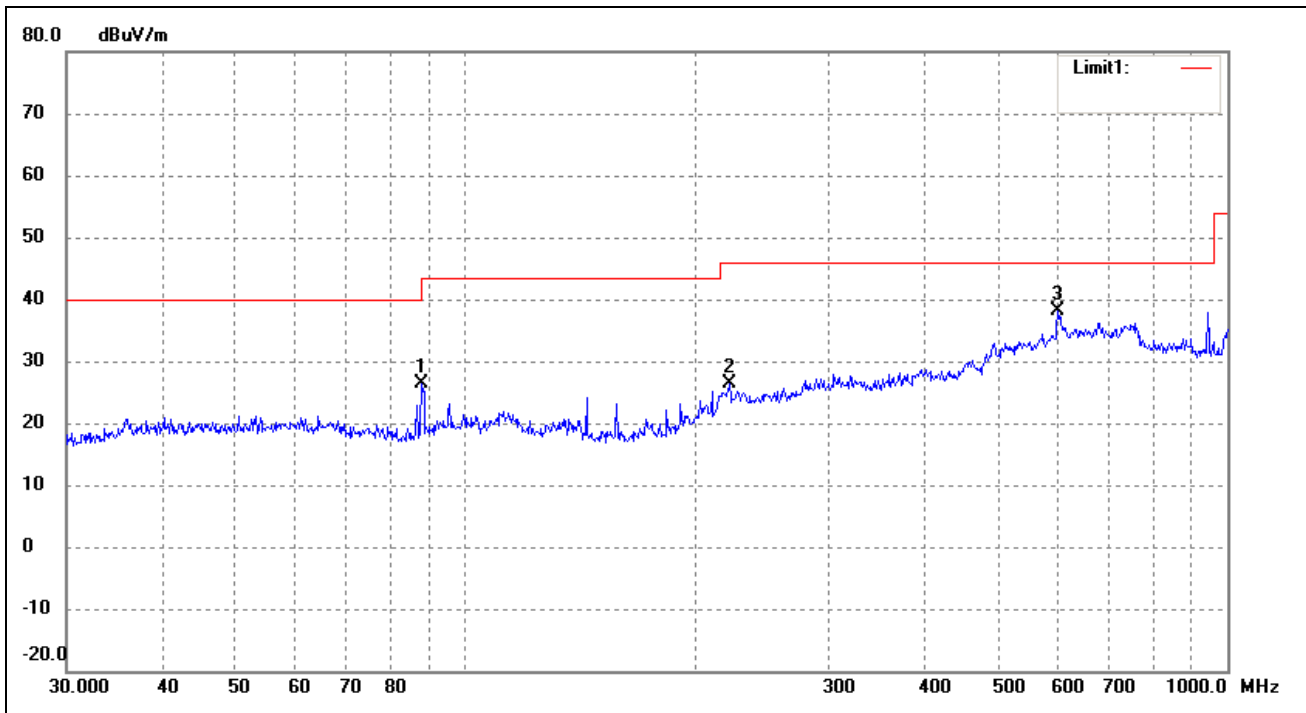


No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	101.2884	15.31	5.12	20.43	43.50	-23.07	100	100	peak
2	283.9791	16.03	11.55	27.58	46.00	-18.42	100	100	peak
3	599.3212	17.38	19.19	36.57	46.00	-9.43	100	100	peak

For 802.11n-HT40

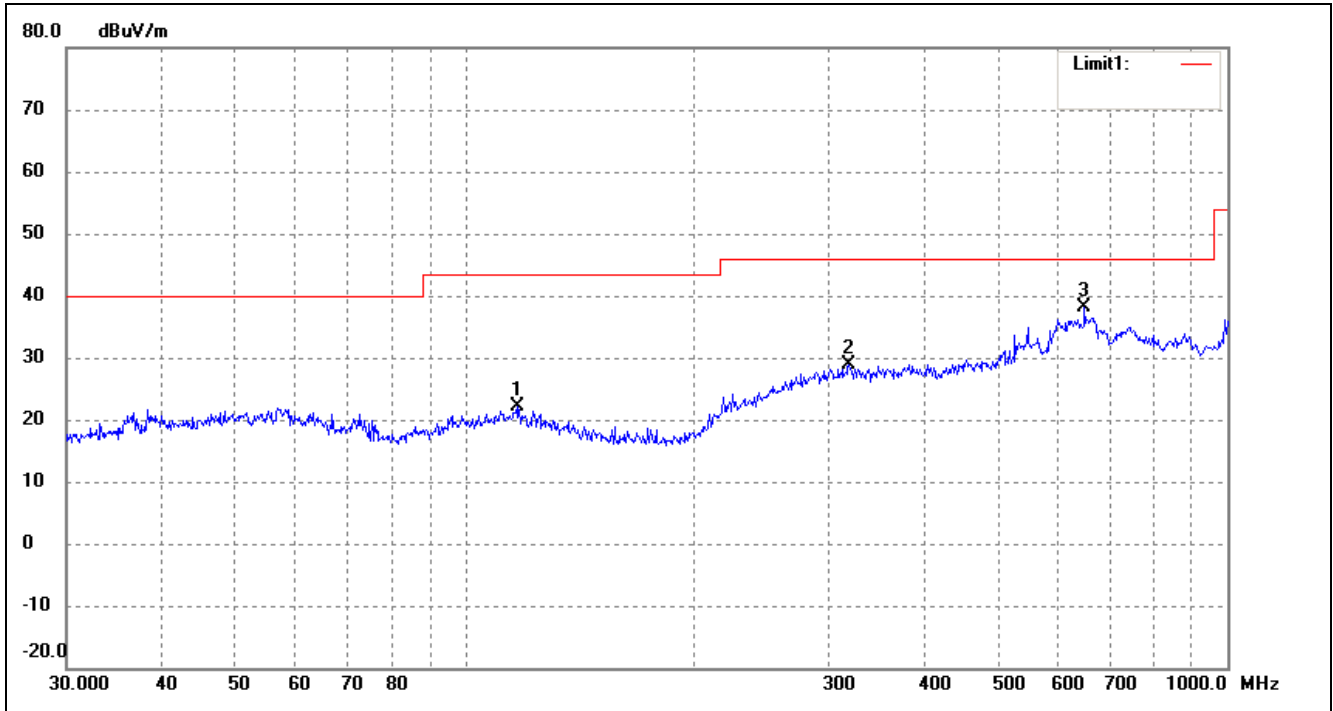
Test mode: Transmitting Channel 5190MHz

Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	87.7248	23.17	3.25	26.42	40.00	-13.58	360	100	peak
2	222.1698	18.18	8.24	26.42	46.00	-19.58	100	100	peak
3	599.3212	18.89	19.19	38.08	46.00	-7.92	100	200	peak

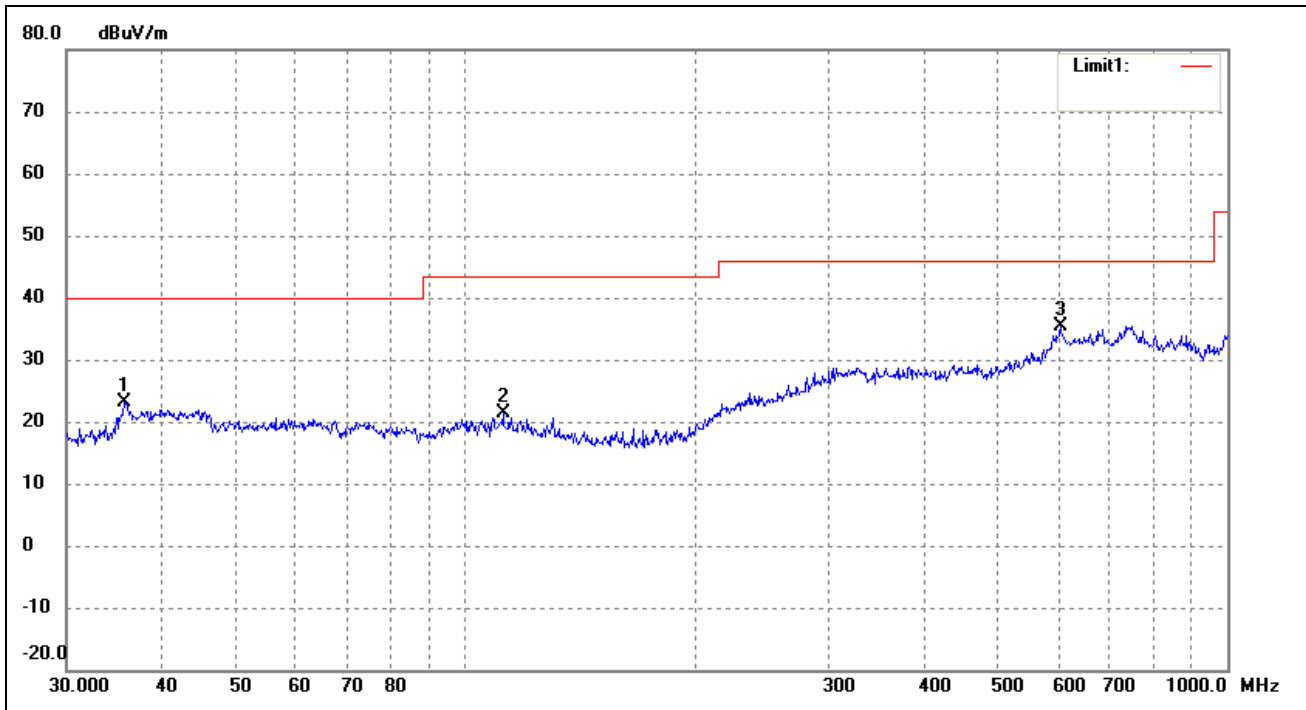
Test Specification: Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	116.9495	17.07	5.03	22.10	43.50	-21.40	100	100	peak
2	318.8170	16.71	12.28	28.99	46.00	-17.01	100	100	peak
3	649.6597	19.64	18.39	38.03	46.00	-7.97	360	100	peak

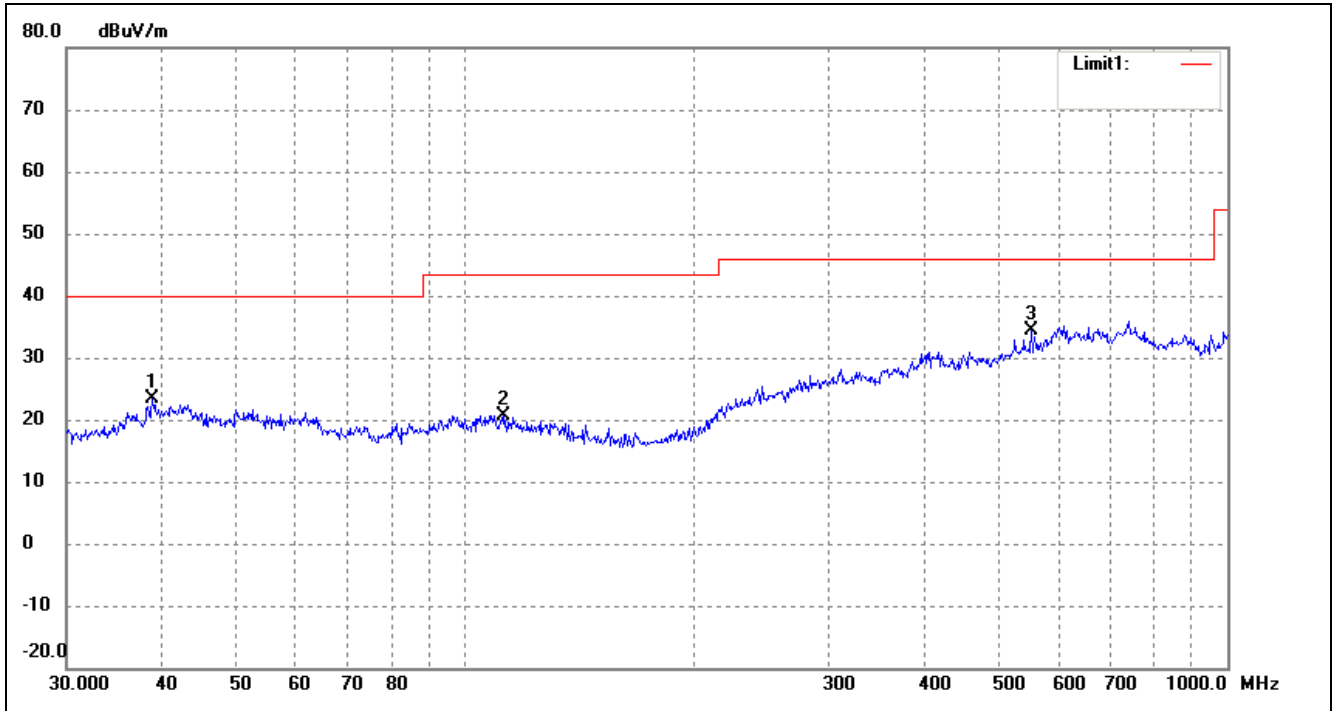
Test mode: Transmitting Channel 5270MHz

Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	35.7490	18.51	4.51	23.02	40.00	-16.98	267	100	peak
2	112.1304	16.23	5.06	21.29	43.50	-22.21	100	200	peak
3	603.5392	16.42	19.06	35.48	46.00	-10.52	100	200	peak

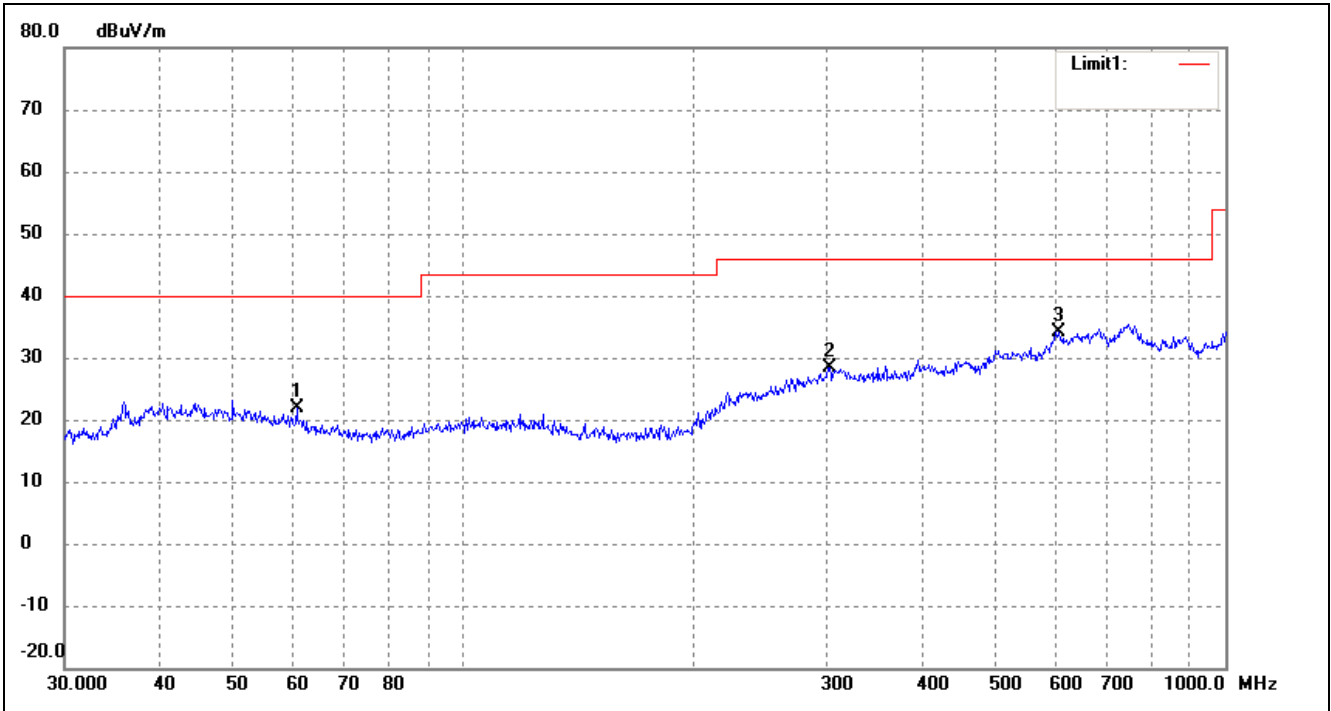
Test Specification: Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	38.8879	18.22	5.06	23.28	40.00	-16.72	360	100	peak
2	112.5243	15.59	5.05	20.64	43.50	-22.86	258	100	peak
3	552.8832	19.81	14.45	34.26	46.00	-11.74	347	100	peak

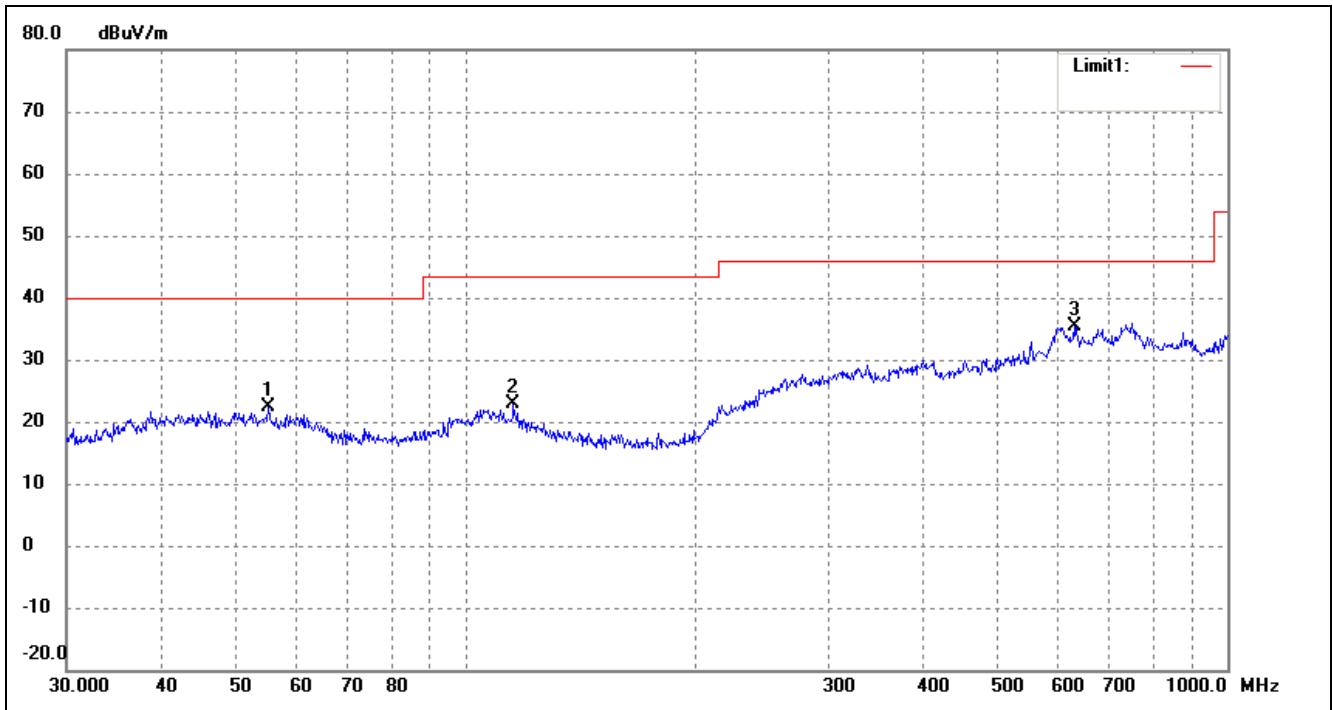
Test mode: Transmitting Channel 5550MHz

Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	60.4919	16.53	5.27	21.80	40.00	-18.20	251	100	peak
2	302.4812	16.10	12.19	28.29	46.00	-17.71	100	100	peak
3	605.6592	15.17	18.92	34.09	46.00	-11.91	100	100	peak

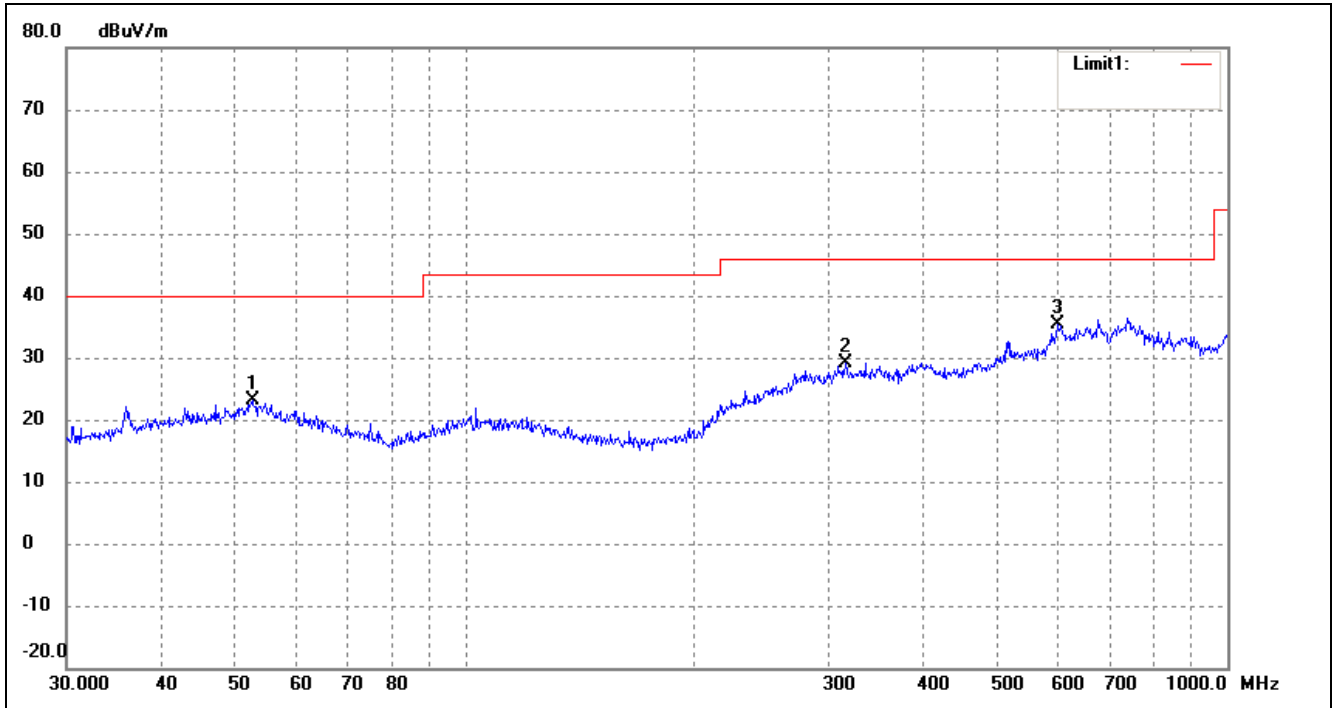
Test Specification: Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	55.2207	17.14	5.32	22.46	40.00	-17.54	100	100	peak
2	115.7256	17.93	5.04	22.97	43.50	-20.53	100	100	peak
3	629.4772	17.05	18.25	35.30	46.00	-10.70	100	100	peak

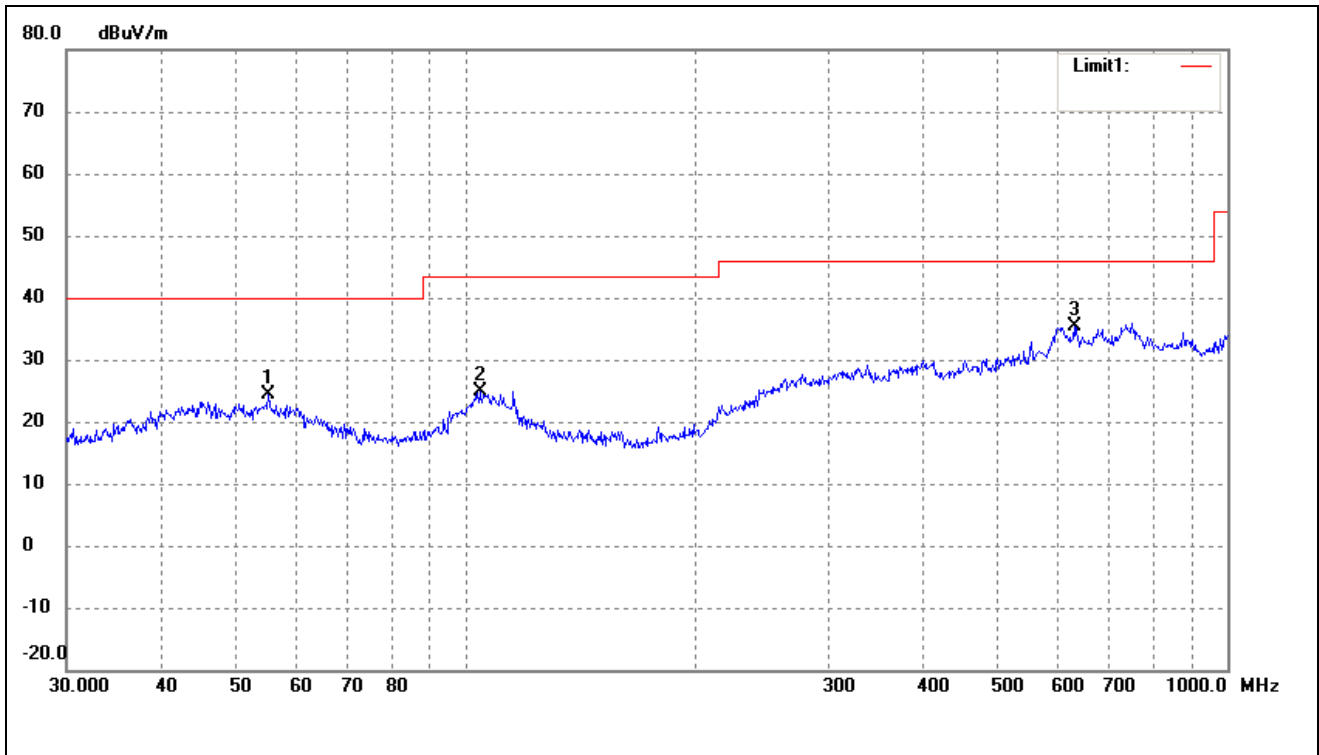
Test mode: Transmitting Channel 5755MHz

Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	52.5752	17.88	5.30	23.18	40.00	-16.82	360	100	peak
2	315.4807	16.89	12.27	29.16	46.00	-16.84	287	100	peak
3	599.3212	16.07	19.19	35.26	46.00	-10.74	168	100	peak

Test Specification: Vertical

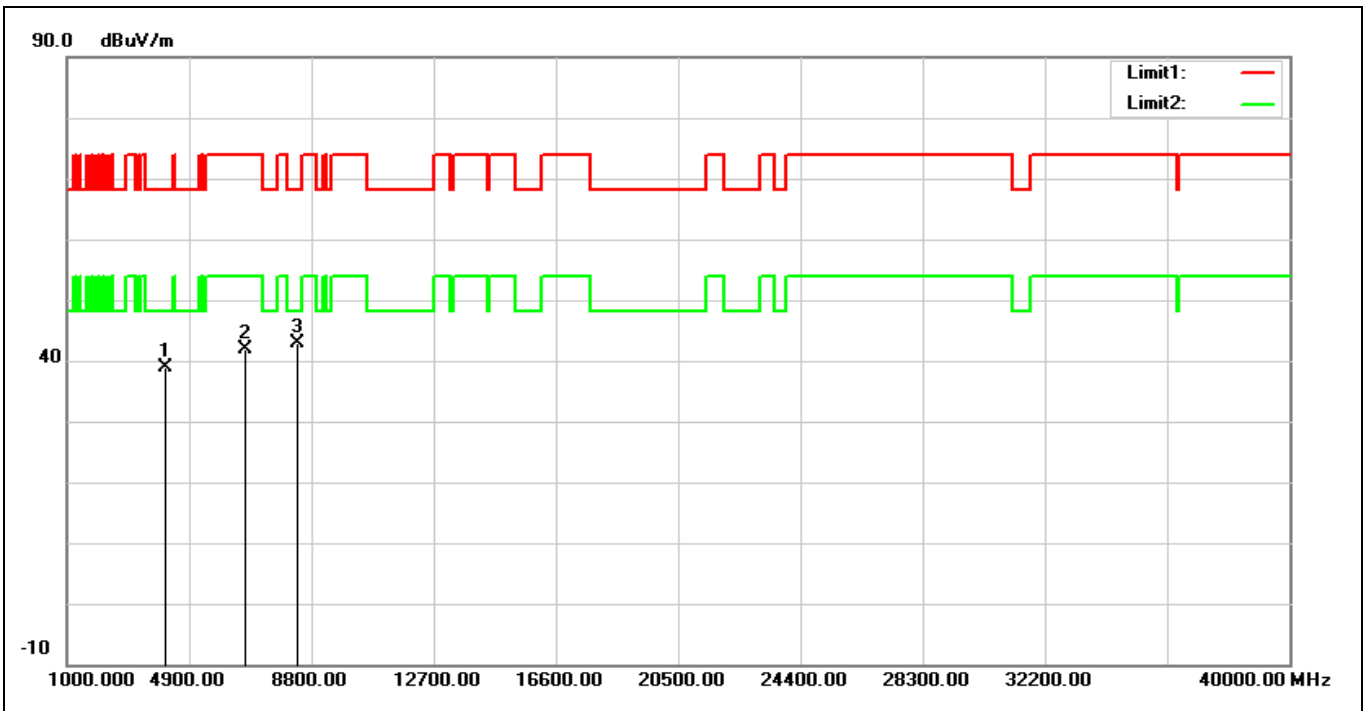


No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	55.2207	19.14	5.32	24.46	40.00	-15.54	100	100	peak
2	104.5361	19.72	5.10	24.82	43.50	-18.68	136	100	peak
3	629.4772	17.05	18.25	35.30	46.00	-10.70	284	100	peak

Above 1GHz

Worst case

Standard:	FCC(1G-40G)-PEAK	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Model Number:	WC0HR2601	Temp.()/Hum.(%RH):	()/%RH
Mode:	11a-5180-H		
Ant.Polar.:	Horizontal		
Description:	11a-5180-H		

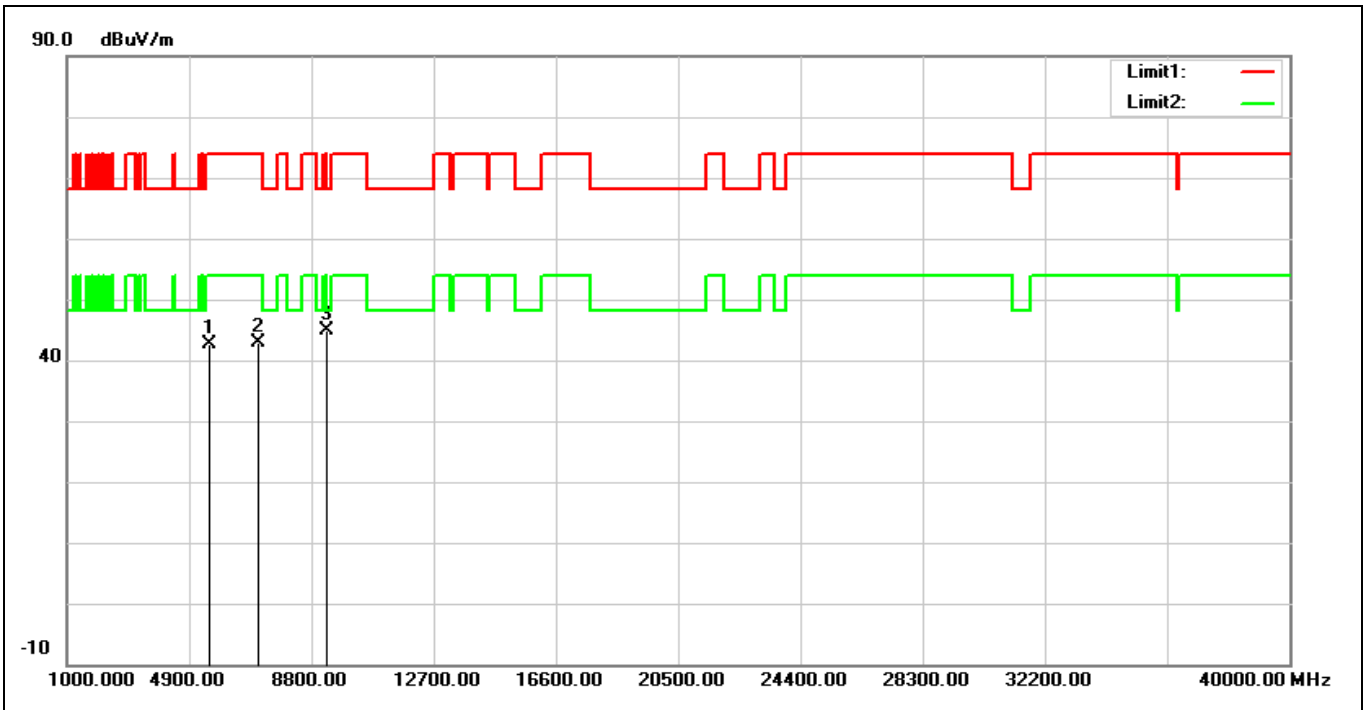


No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree ()	Remark
1	4120.000	44.60	-5.77	38.83	68.20	-29.37			peak
2	6694.000	43.26	-1.50	41.76	74.00	-32.24			peak
3	8371.000	41.12	1.81	42.93	68.20	-25.27			peak

Note:1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) Pre-Amplifier gain (dB).

Standard:	FCC(1G-40G)-PEAK	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Model Number:	WC0HR2601	Temp.()/Hum.(%RH):	()/%RH
Mode:	11a-5180-V		
Ant.Polar.:	Vertical		
Description:	11a-5180-V		

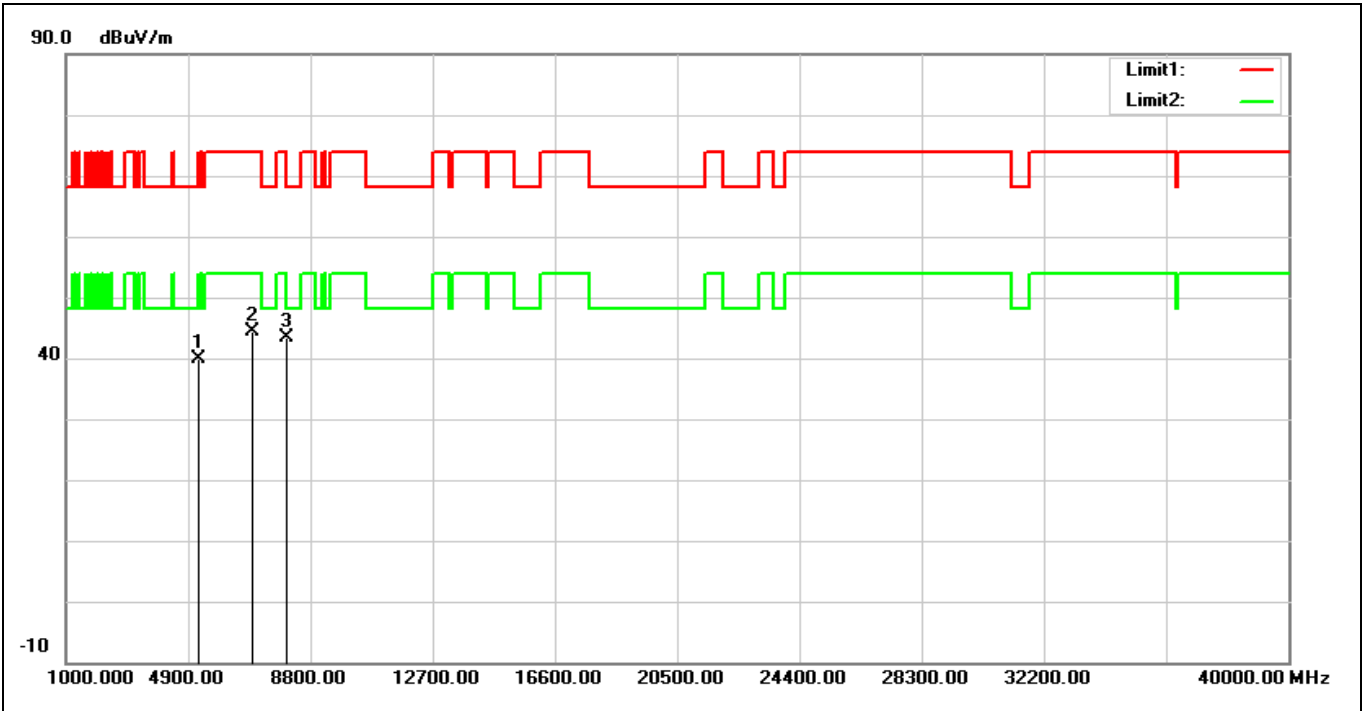


No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree ()	Remark
1	5524.000	46.32	-3.71	42.61	74.00	-31.39			peak
2	7123.000	43.73	-0.73	43.00	74.00	-31.00			peak
3	9307.000	40.76	4.12	44.88	68.20	-23.32			peak

Note:1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) Pre-Amplifier gain (dB).

Standard:	FCC(1G-40G)-PEAK	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Model Number:	WCOHR2601	Temp.()/Hum.(%RH):	()%RH
Mode:	11n20-5240-H	Date:	2017/1/3
Ant.Polar.:	Horizontal	Test By:	
Description:	11n20-5240-H		

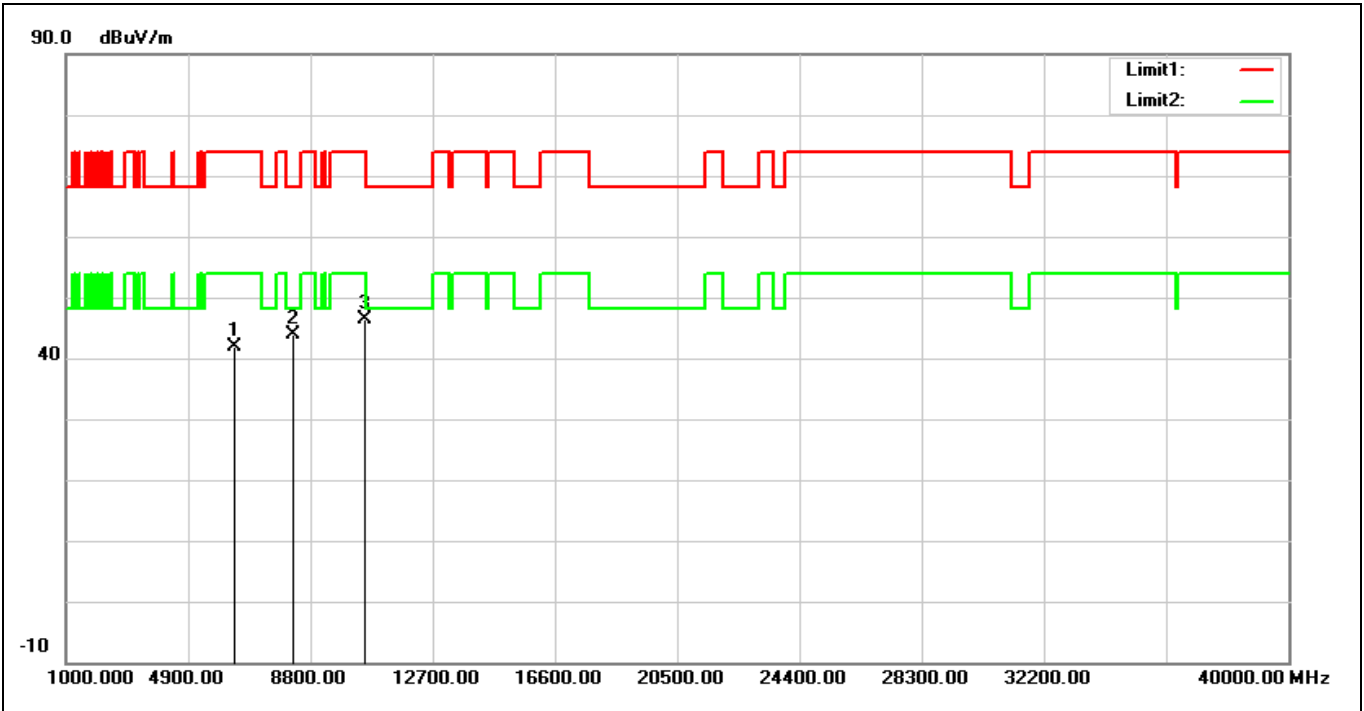


No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree ()	Remark
1	5212.000	43.82	-4.04	39.78	68.20	-28.42			peak
2	6967.000	45.38	-0.94	44.44	74.00	-29.56			peak
3	8020.000	42.34	1.10	43.44	74.00	-30.56			peak

Note:1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) Pre-Amplifier gain (dB).

Standard:	FCC(1G-40G)-PEAK	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Model Number:	WC0HR2601	Temp.()/Hum.(%RH):	()/%RH
Mode:	11n20-5240-V		
Ant.Polar.:	Vertical		
Description:	11n20-5240-V		

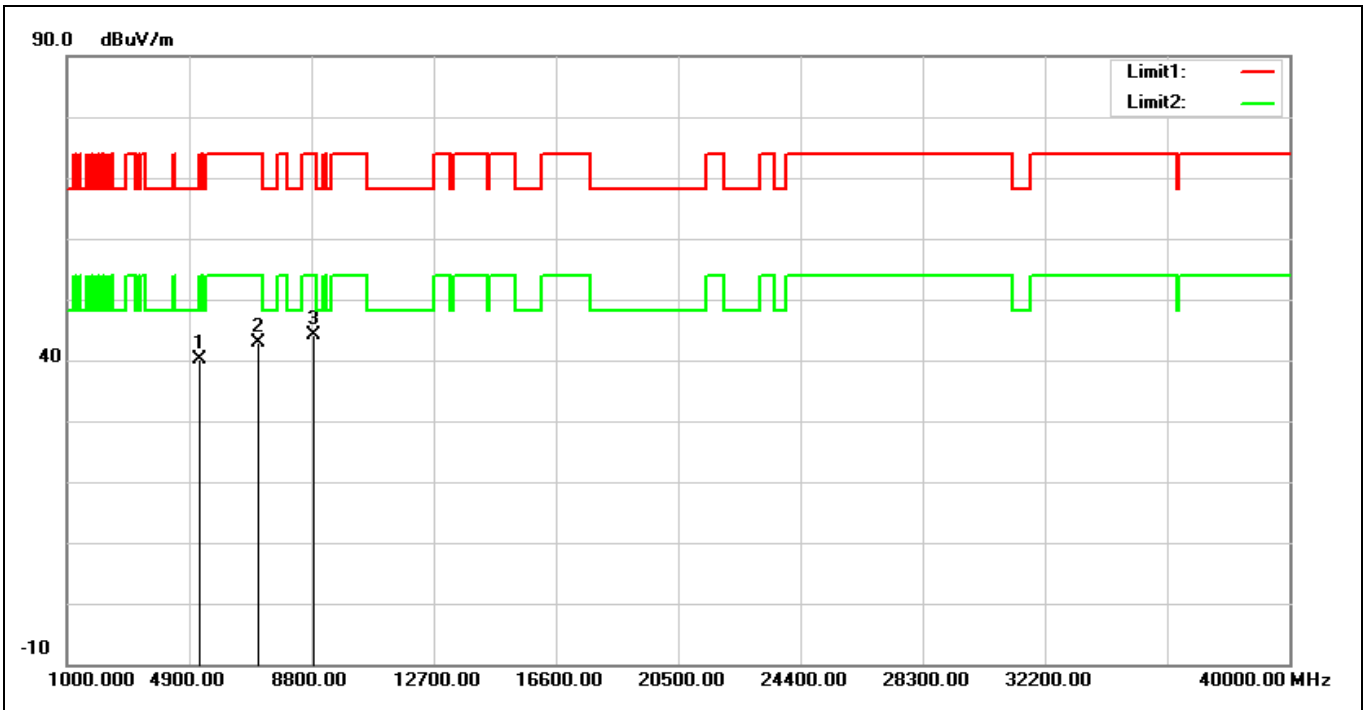


No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree ()	Remark
1	6382.000	43.56	-1.79	41.77	74.00	-32.23			peak
2	8254.000	42.39	1.37	43.76	68.20	-24.44			peak
3	10516.000	40.73	5.66	46.39	74.00	-27.61			peak

Note:1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) Pre-Amplifier gain (dB).

Standard:	FCC(1G-40G)-PEAK	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Model Number:	WC0HR2601	Temp.()/Hum.(%RH):	()/%RH
Mode:	11n80-5775-H		
Ant.Polar.:	Horizontal		
Description:	11n80-5775-H		

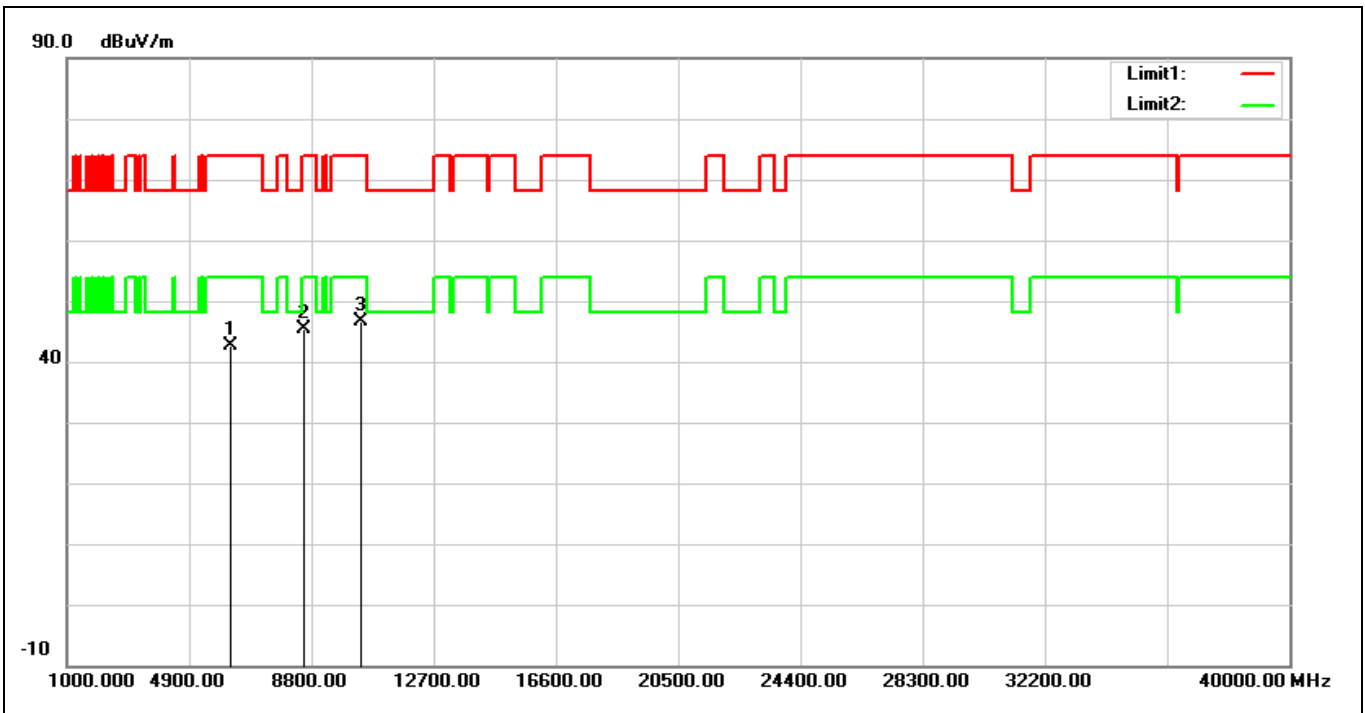


No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree ()	Remark
1	5251.000	44.08	-3.88	40.20	74.00	-33.80			peak
2	7084.000	43.56	-0.77	42.79	74.00	-31.21			peak
3	8878.000	40.85	3.17	44.02	74.00	-29.98			peak

Note:1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) Pre-Amplifier gain (dB).

Standard:	FCC(1G-40G)-PEAK	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 110V/60Hz
Model Number:	WC0HR2601	Temp.()/Hum.(%RH):	()/%RH
Mode:	11n80-5775-V		
Ant.Polar.:	Vertical		
Description:	11n80-5775-V		



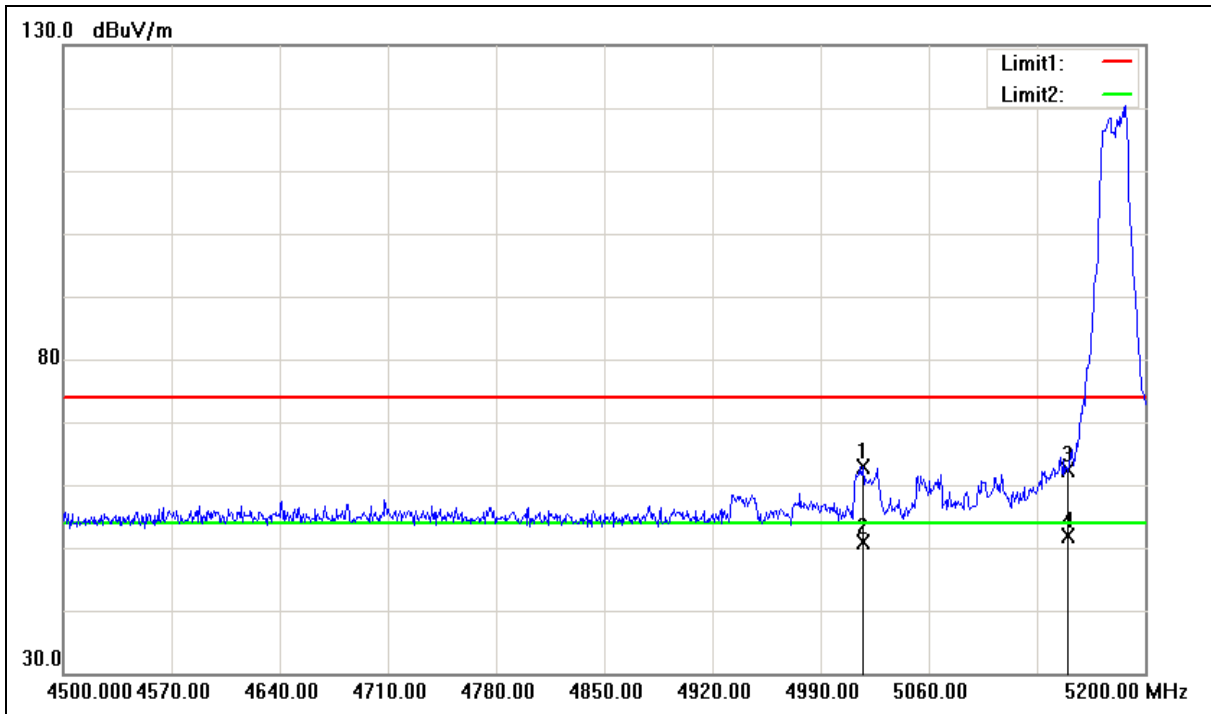
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree ()	Remark
1	6226.000	44.90	-2.22	42.68	74.00	-31.32			peak
2	8566.000	43.18	2.15	45.33	74.00	-28.67			peak
3	10399.000	40.97	5.54	46.51	74.00	-27.49			peak

Note:1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) Pre-Amplifier gain (dB).

Band Edge

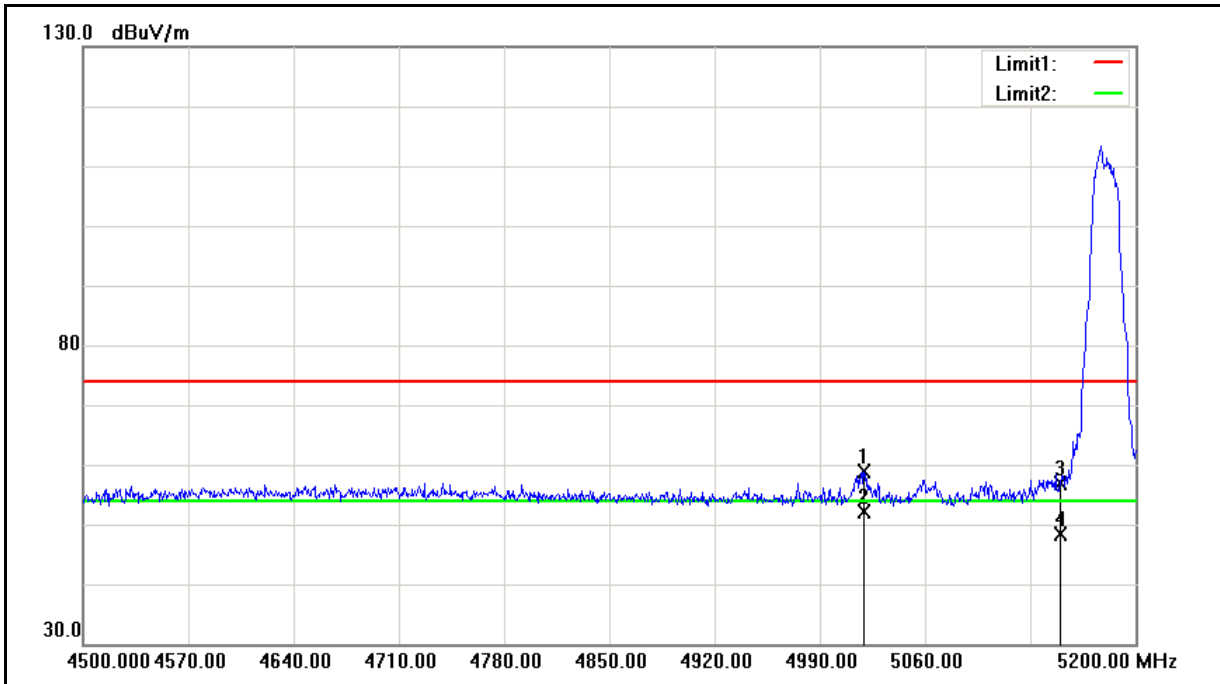
Standard:	FCC Part 15E	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Test Mode:	IEEE 802.11a Link Mode	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Frequency:	5180 MHz		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5017.300	54.81	8.04	62.85	74.00	-11.15	peak
2	5017.300	42.75	8.04	50.79	54.00	-3.21	AVG
3	5150.000	54.11	8.16	62.27	74.00	-11.73	peak
4	5150.000	43.75	8.16	51.91	54.00	-2.09	AVG

- Note:
1. Result = Correction factor + Reading
 2. Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
 3. When the peak results are less than average limit, so not need to evaluate the average.

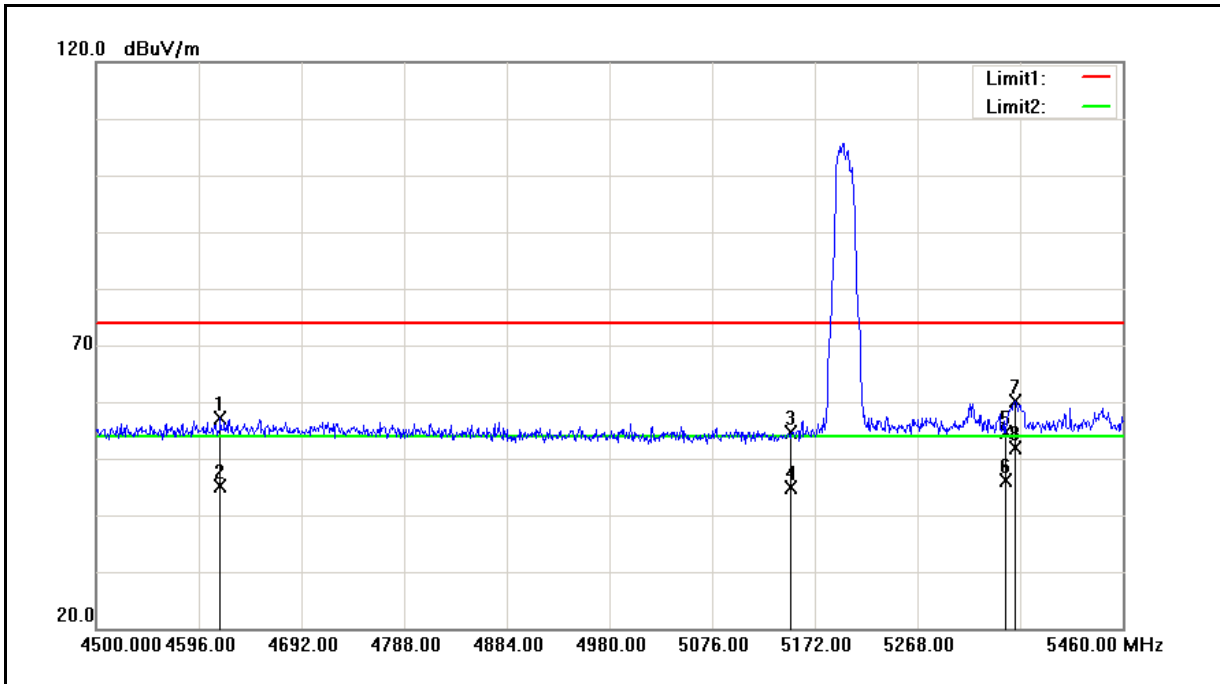
Standard:	FCC Part 15E	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Test Mode:	IEEE 802.11a Link Mode	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Frequency:	5180 MHz		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5019.400	50.78	8.04	58.82	74.00	-15.18	peak
2	5019.400	44.09	8.04	52.13	54.00	-1.87	AVG
3	5150.000	48.81	8.16	56.97	74.00	-17.03	peak
4	5150.000	40.29	8.16	48.45	54.00	-5.55	AVG

- Note:
1. Result = Correction factor + Reading
 2. Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
 3. When the peak results are less than average limit, so not need to evaluate the average.

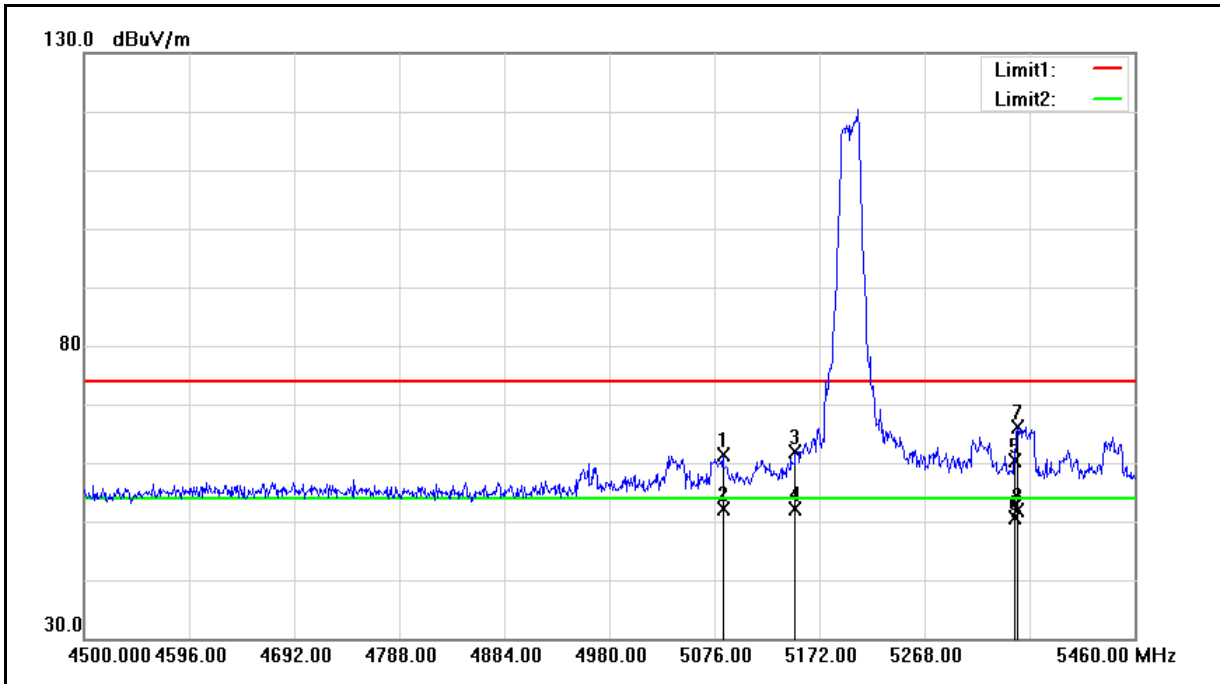
Standard:	FCC Part 15E	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Test Mode:	IEEE 802.11a Link Mode	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Frequency:	5200 MHz		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4616.160	50.47	6.68	57.15	74.00	-16.85	peak
2	4616.160	38.46	6.68	45.14	54.00	-8.86	AVG
3	5150.000	46.55	8.16	54.71	74.00	-19.29	peak
4	5150.000	36.60	8.16	44.76	54.00	-9.24	AVG
5	5350.000	46.32	8.33	54.65	74.00	-19.35	peak
6	5350.000	37.68	8.33	46.01	54.00	-7.99	AVG
7	5359.200	51.74	8.34	60.08	74.00	-13.92	peak
8	5359.200	43.50	8.34	51.84	54.00	-2.16	AVG

- Note:
1. Result = Correction factor + Reading
 2. Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
 3. When the peak results are less than average limit, so not need to evaluate the average.

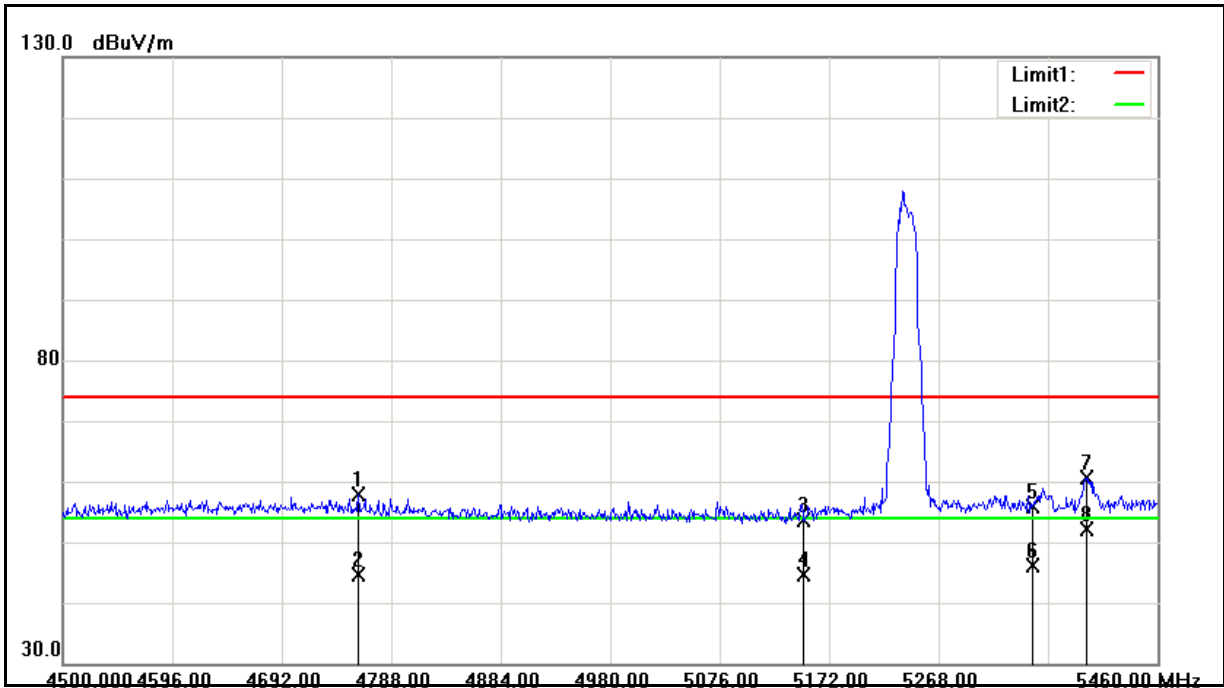
Standard:	FCC Part 15E	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Test Mode:	IEEE 802.11a Link Mode	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Frequency:	5200 MHz		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5083.680	53.28	8.09	61.37	74.00	-12.63	peak
2	5083.680	44.06	8.09	52.15	54.00	-1.85	AVG
3	5150.000	53.77	8.16	61.93	74.00	-12.07	peak
4	5150.000	43.98	8.16	52.14	54.00	-1.86	AVG
5	5350.000	52.03	8.33	60.36	74.00	-13.64	peak
6	5350.000	42.40	8.33	50.73	54.00	-3.27	AVG
7	5352.480	57.85	8.34	66.19	74.00	-7.81	peak
8	5352.480	43.63	8.34	51.97	54.00	-2.03	AVG

- Note:
1. Result = Correction factor + Reading
 2. Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
 3. When the peak results are less than average limit, so not need to evaluate the average.

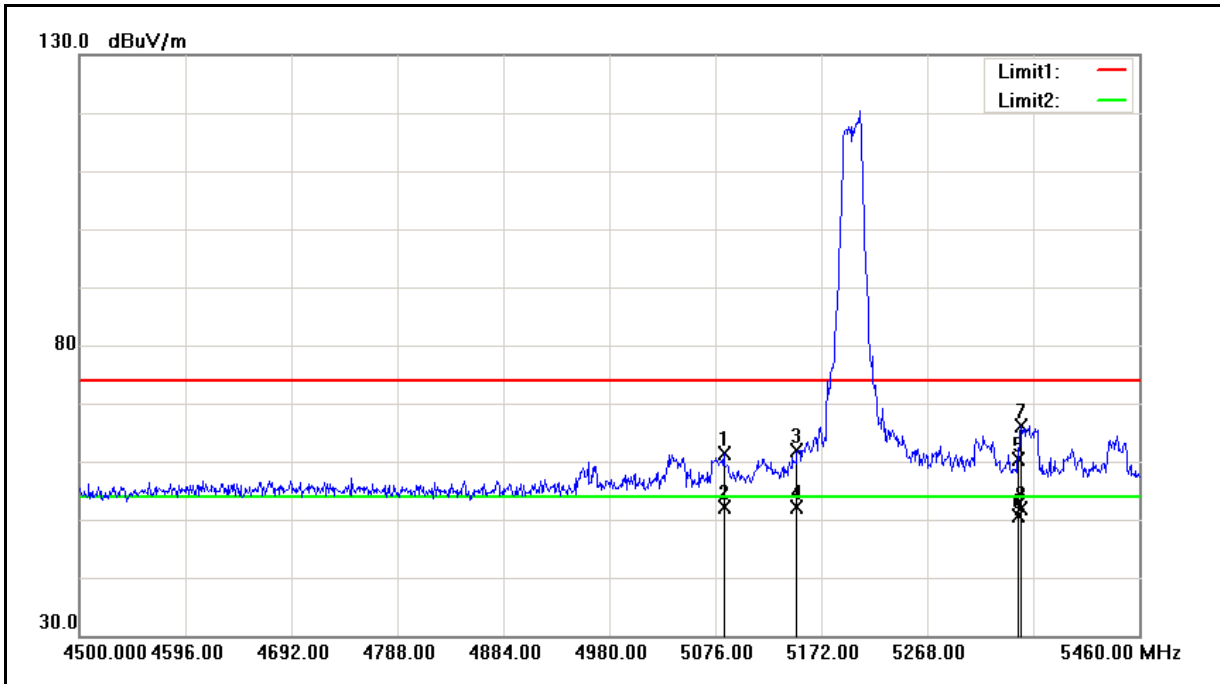
Standard:	FCC Part 15E	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Test Mode:	Mode 2	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Frequency:	5240 MHz		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4759.200	50.67	7.17	57.84	74.00	-16.16	peak
2	4759.200	37.44	7.17	44.61	54.00	-9.39	AVG
3	5150.000	45.54	8.16	53.70	74.00	-20.30	peak
4	5150.000	36.37	8.16	44.53	54.00	-9.47	AVG
5	5350.000	47.56	8.33	55.89	74.00	-18.11	peak
6	5350.000	37.68	8.33	46.01	54.00	-7.99	AVG
7	5397.600	52.23	8.37	60.60	74.00	-13.40	peak
8	5397.600	43.78	8.37	52.15	54.00	-1.85	AVG

- Note:
1. Result = Correction factor + Reading
 2. Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
 3. When the peak results are less than average limit, so not need to evaluate the average.

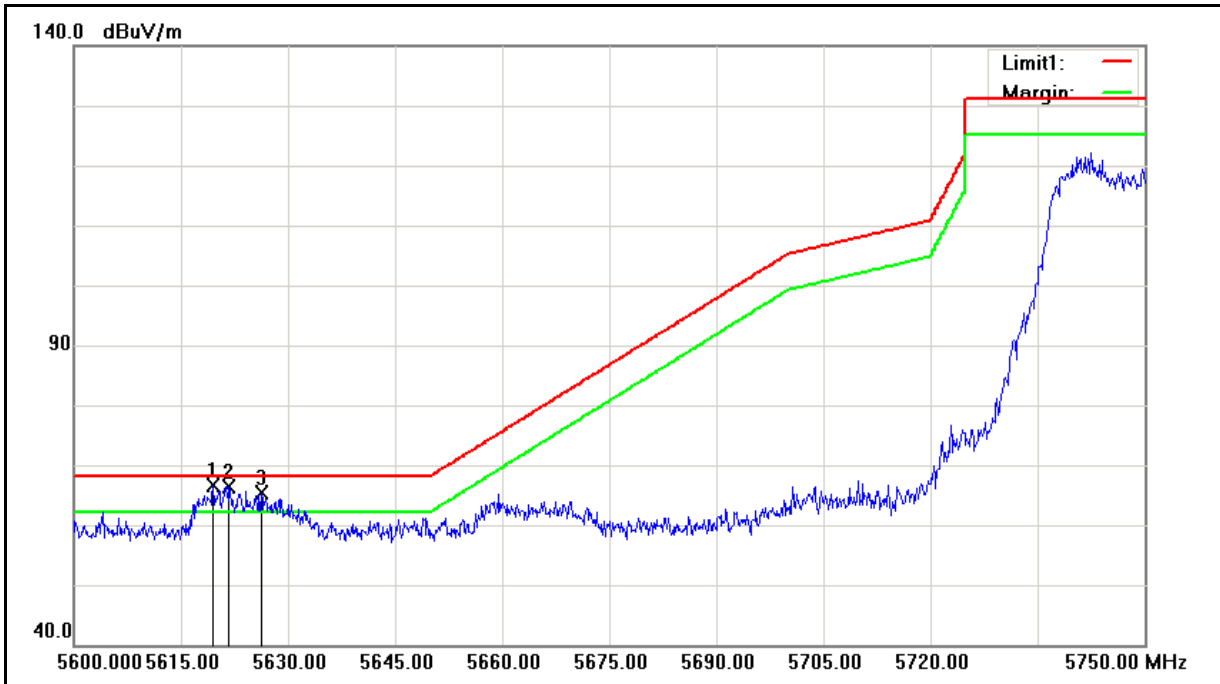
Standard:	FCC Part 15E	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Test Mode:	IEEE 802.11a Link Mode	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Frequency:	5240 MHz		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5083.680	53.28	8.09	61.37	74.00	-12.63	peak
2	5083.680	44.06	8.09	52.15	54.00	-1.85	AVG
3	5150.000	53.77	8.16	61.93	74.00	-12.07	peak
4	5150.000	43.98	8.16	52.14	54.00	-1.86	AVG
5	5350.000	52.03	8.33	60.36	74.00	-13.64	peak
6	5350.000	42.40	8.33	50.73	54.00	-3.27	AVG
7	5352.480	57.85	8.34	66.19	74.00	-7.81	peak
8	5352.480	43.63	8.34	51.97	54.00	-2.03	AVG

- Note:
1. Result = Correction factor + Reading
 2. Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
 3. When the peak results are less than average limit, so not need to evaluate the average.

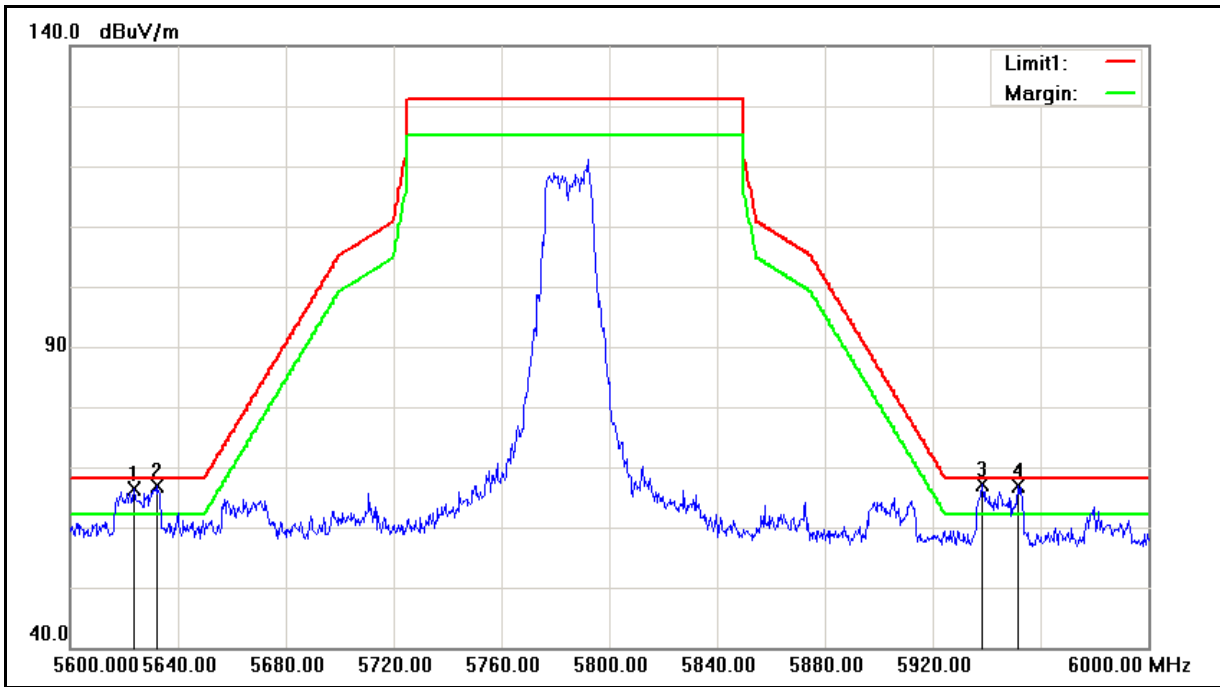
Standard:	FCC Part 15E	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Test Mode:	IEEE 802.11a Link Mode	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Frequency:	5745 MHz		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5619.500	57.78	8.76	66.54	68.20	-12.81	peak
2	5621.600	57.70	8.76	66.46	68.20	-47.65	peak
3	5626.250	56.64	8.78	65.42	68.20	-38.07	peak

- Note:
1. Result = Correction factor + Reading
 2. Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
 3. When the peak results are less than average limit, so not need to evaluate the average.

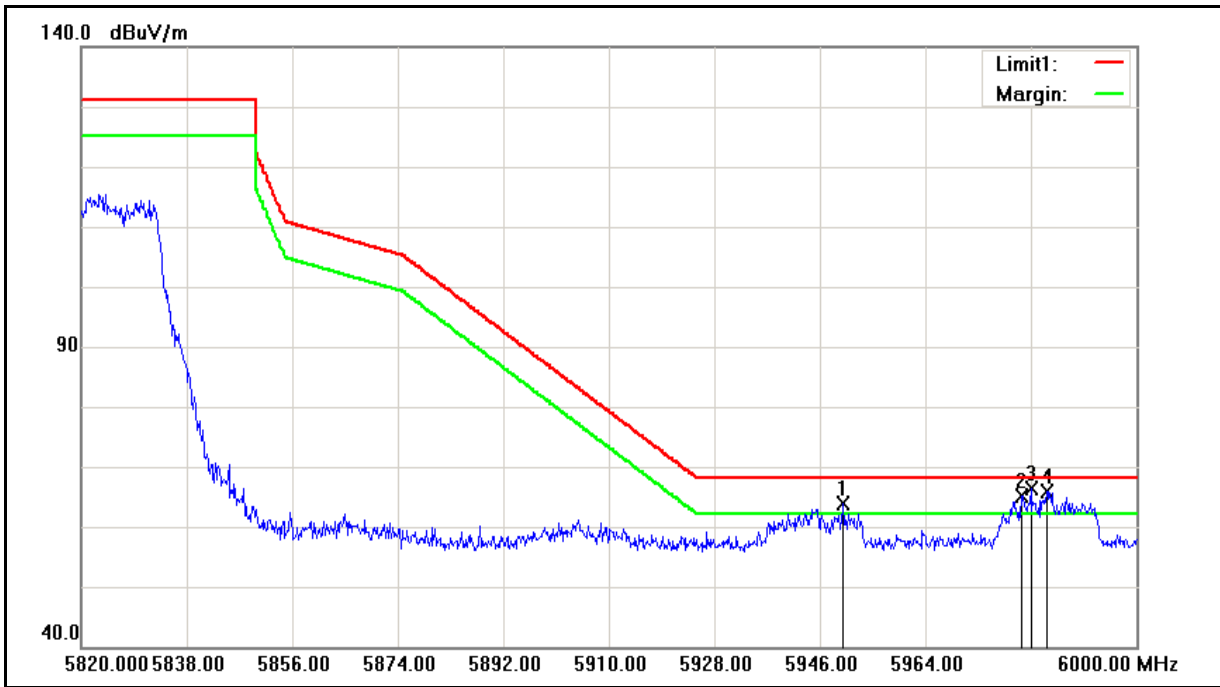
Standard:	FCC Part 15E	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Test Mode:	IEEE 802.11a Link Mode	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Frequency:	5785 MHz		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5623.600	57.65	8.77	66.42	68.20	-1.78	peak
2	5632.000	58.07	8.79	66.86	68.20	-1.34	peak
3	5938.400	57.52	9.56	67.08	68.20	-1.12	peak
4	5951.600	57.37	9.59	66.96	68.20	-1.24	peak

- Note:
1. Result = Correction factor + Reading
 2. Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
 3. When the peak results are less than average limit, so not need to evaluate the average.

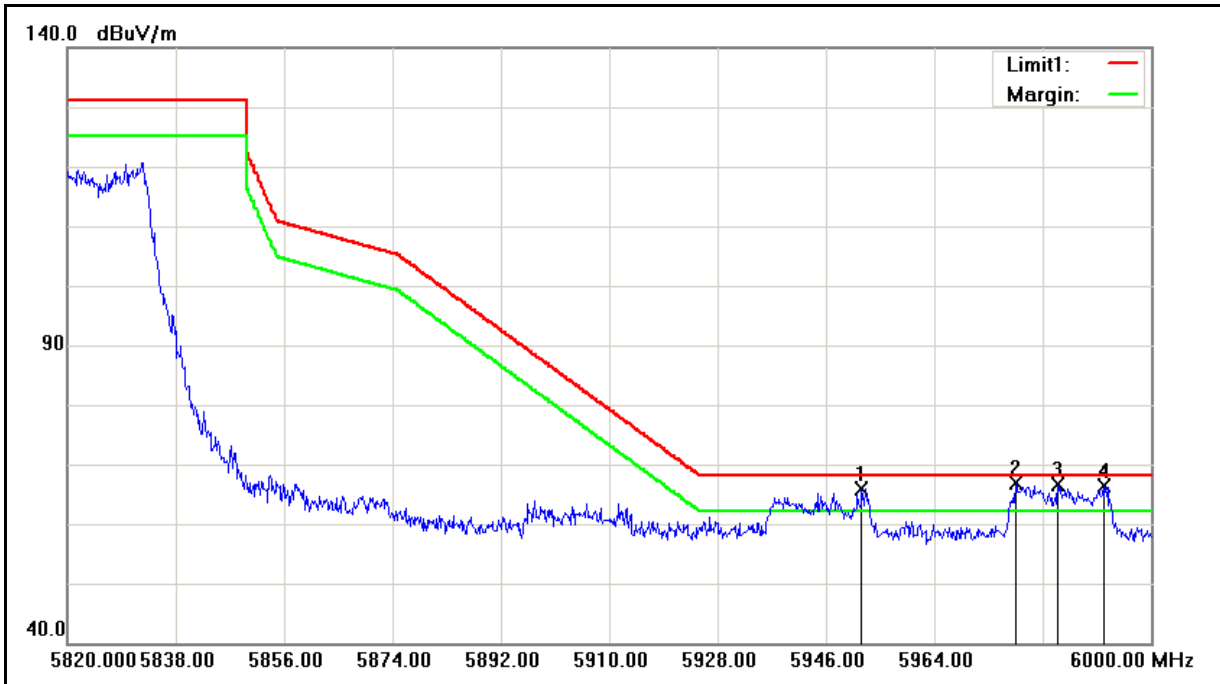
Standard:	FCC Part 15E	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Test Mode:	IEEE 802.11a Link Mode	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Frequency:	5825 MHz		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5949.960	54.34	9.59	63.93	68.20	-4.27	peak
2	5980.380	55.54	9.66	65.20	68.20	-3.00	peak
3	5982.000	56.61	9.66	66.27	68.20	-1.93	peak
4	5984.700	56.16	9.68	65.84	68.20	-2.36	peak

- Note:
1. Result = Correction factor + Reading
 2. Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
 3. When the peak results are less than average limit, so not need to evaluate the average.

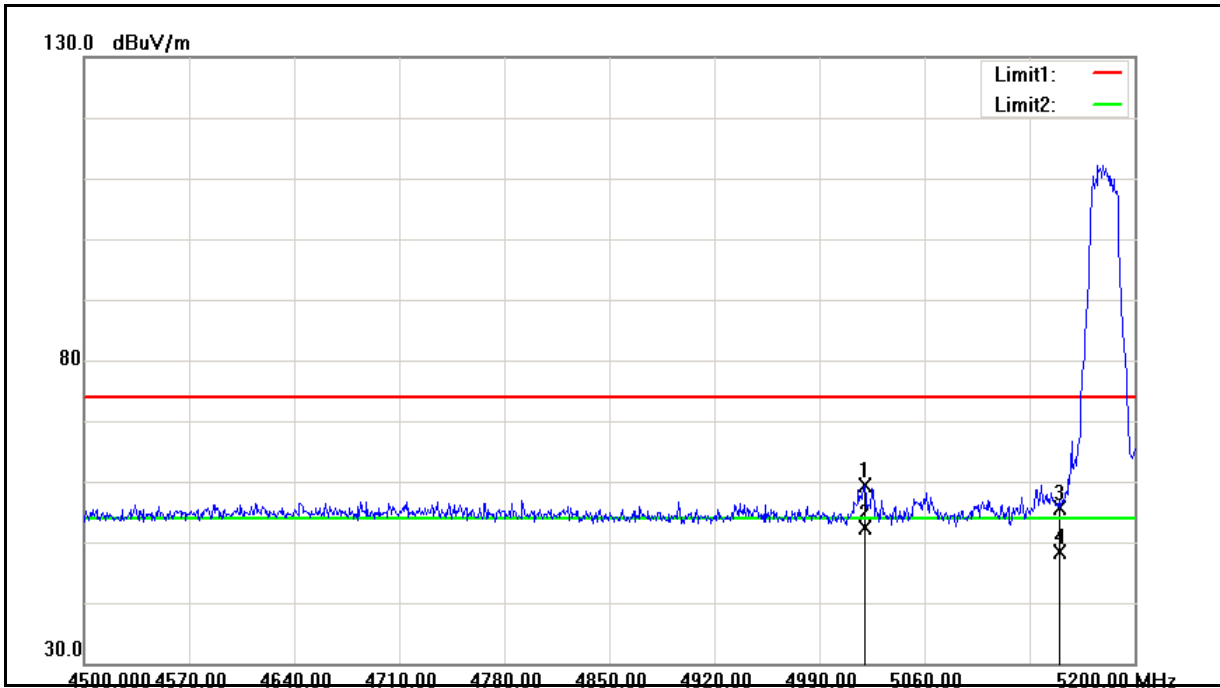
Standard:	FCC Part 15E	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Test Mode:	IEEE 802.11a Link Mode	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Frequency:	5825 MHz		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5951.940	56.35	9.59	65.94	68.20	-2.26	peak
2	5977.500	57.14	9.65	66.79	68.20	-1.41	peak
3	5984.520	56.88	9.68	66.56	68.20	-1.64	peak
4	5992.080	56.69	9.69	66.38	68.20	-1.82	peak

- Note:
1. Result = Correction factor + Reading
 2. Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
 3. When the peak results are less than average limit, so not need to evaluate the average.

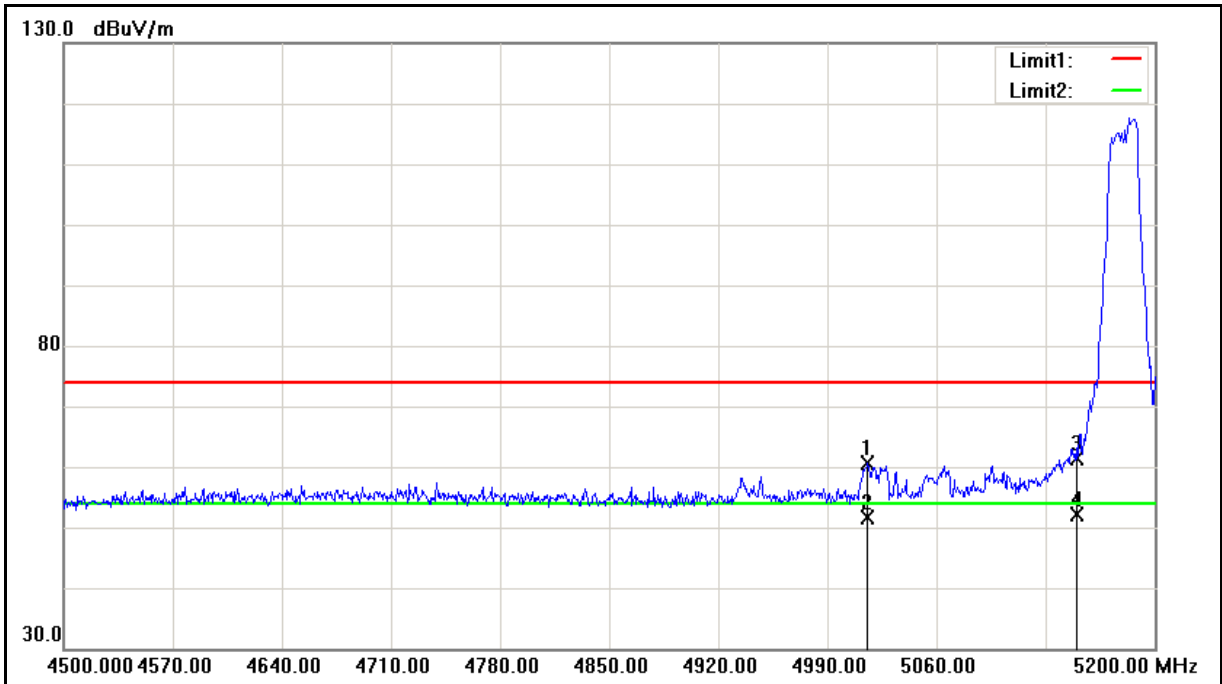
Standard:	FCC Part 15E	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Test Mode:	IEEE 802.11ac 20MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Frequency:	5180 MHz		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5020.100	51.44	8.04	59.48	74.00	-14.52	peak
2	5020.100	44.25	8.04	52.29	54.00	-1.71	AVG
3	5150.000	47.57	8.16	55.73	74.00	-18.27	peak
4	5150.000	40.33	8.16	48.49	54.00	-5.51	AVG

- Note:
1. Result = Correction factor + Reading
 2. Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
 3. When the peak results are less than average limit, so not need to evaluate the average.

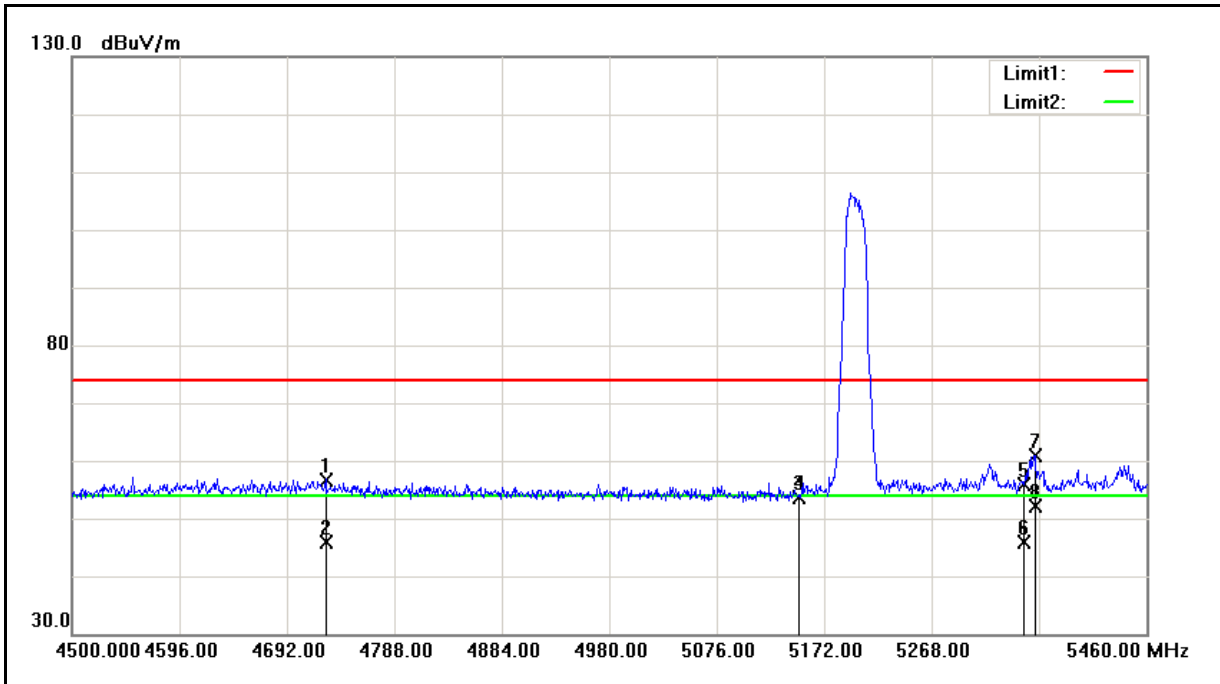
Standard:	FCC Part 15E	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Test Mode:	IEEE 802.11ac 20MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Frequency:	5180 MHz		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5015.900	52.56	8.04	60.60	74.00	-13.40	peak
2	5015.900	43.62	8.04	51.66	54.00	-2.34	AVG
3	5150.000	53.33	8.16	61.49	74.00	-12.51	peak
4	5150.000	43.99	8.16	52.15	54.00	-1.85	AVG

- Note:
1. Result = Correction factor + Reading
 2. Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
 3. When the peak results are less than average limit, so not need to evaluate the average.

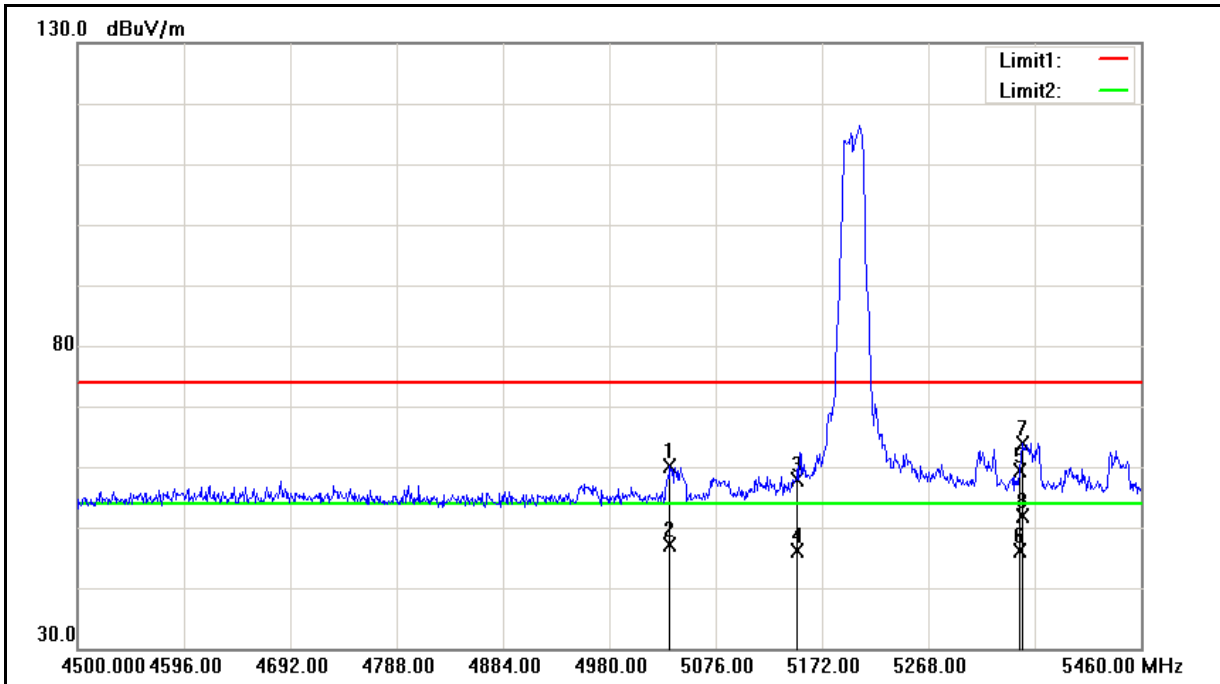
Standard:	FCC Part 15E	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Test Mode:	IEEE 802.11ac 20MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Frequency:	5200 MHz		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4726.560	49.69	7.06	56.75	74.00	-17.25	peak
2	4726.560	38.88	7.06	45.94	54.00	-8.06	AVG
3	5150.000	45.44	8.16	53.60	74.00	-20.40	peak
4	5150.000	45.44	8.16	53.60	54.00	-0.40	AVG
5	5350.000	47.43	8.33	55.76	74.00	-18.24	peak
6	5350.000	37.56	8.33	45.89	54.00	-8.11	AVG
7	5360.160	52.58	8.34	60.92	74.00	-13.08	peak
8	5360.160	43.70	8.34	52.04	54.00	-1.96	AVG

- Note:
1. Result = Correction factor + Reading
 2. Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
 3. When the peak results are less than average limit, so not need to evaluate the average.

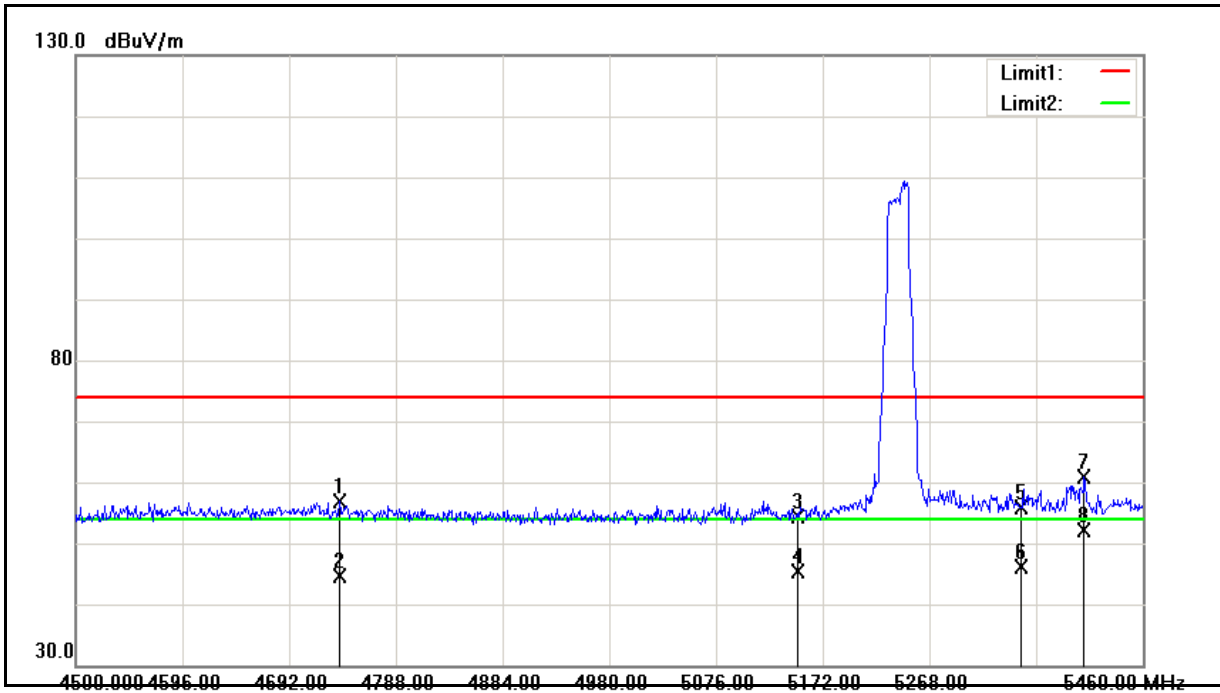
Standard:	FCC Part 15E	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Test Mode:	IEEE 802.11ac 20MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Frequency:	5200 MHz		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5034.720	52.09	8.05	60.14	74.00	-13.86	peak
2	5034.720	38.98	8.05	47.03	54.00	-6.97	AVG
3	5150.000	49.67	8.16	57.83	74.00	-16.17	peak
4	5150.000	38.05	8.16	46.21	54.00	-7.79	AVG
5	5350.000	51.08	8.33	59.41	74.00	-14.59	peak
6	5350.000	37.75	8.33	46.08	54.00	-7.92	AVG
7	5353.440	55.59	8.34	63.93	74.00	-10.07	peak
8	5353.440	43.47	8.34	51.81	54.00	-2.19	AVG

- Note:
1. Result = Correction factor + Reading
 2. Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
 3. When the peak results are less than average limit, so not need to evaluate the average.

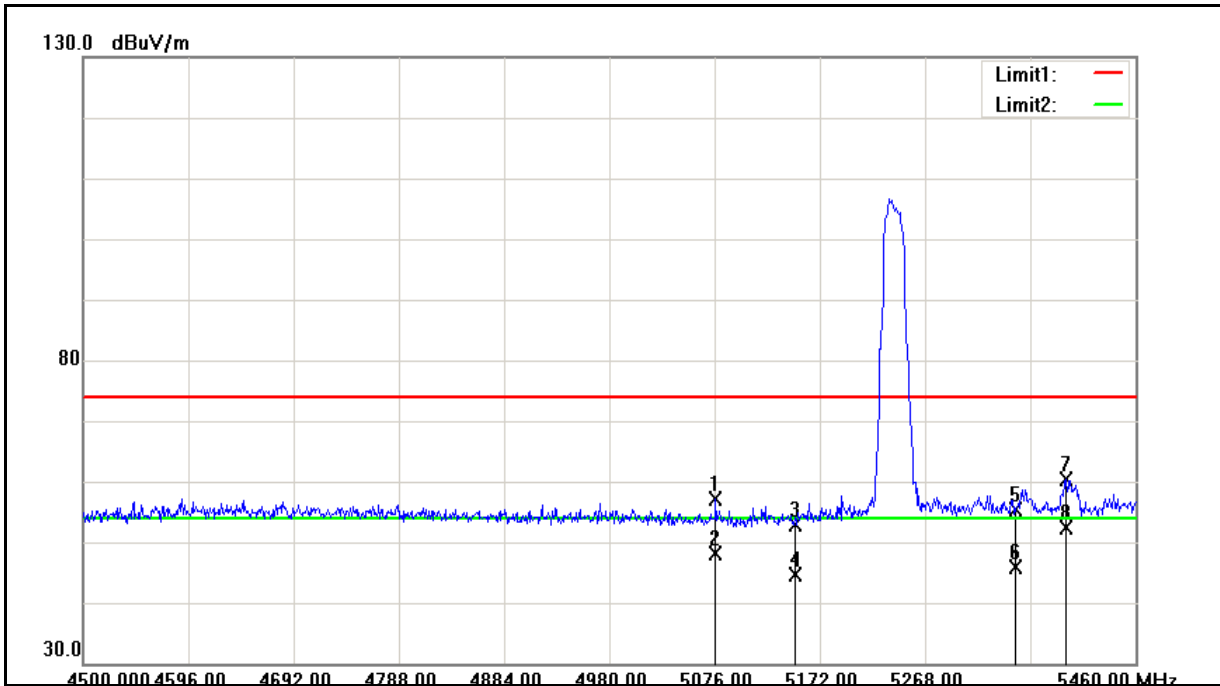
Standard:	FCC Part 15E	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Test Mode:	IEEE 802.11ac 20MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Frequency:	5240 MHz		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4737.120	49.77	7.10	56.87	74.00	-17.13	peak
2	4737.120	37.53	7.10	44.63	54.00	-9.37	AVG
3	5150.000	46.31	8.16	54.47	74.00	-19.53	peak
4	5150.000	37.21	8.16	45.37	54.00	-8.63	AVG
5	5350.000	47.51	8.33	55.84	74.00	-18.16	peak
6	5350.000	37.86	8.33	46.19	54.00	-7.81	AVG
7	5407.200	52.49	8.38	60.87	74.00	-13.13	peak
8	5407.200	43.63	8.38	52.01	54.00	-1.99	AVG

- Note:
1. Result = Correction factor + Reading
 2. Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
 3. When the peak results are less than average limit, so not need to evaluate the average.

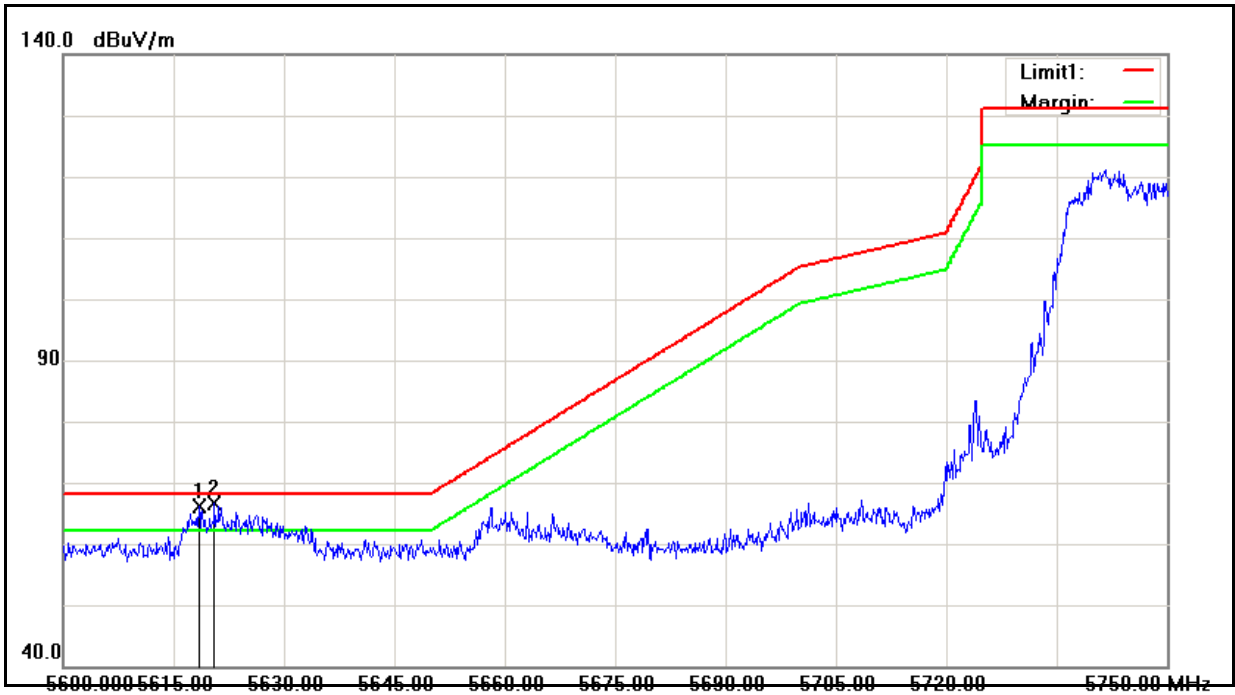
Standard:	FCC Part 15E	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Test Mode:	IEEE 802.11ac 20MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Frequency:	5240 MHz		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5076.960	49.09	8.08	57.17	74.00	-16.83	peak
2	5076.960	40.17	8.08	48.25	54.00	-5.75	AVG
3	5150.000	44.73	8.16	52.89	74.00	-21.11	peak
4	5150.000	36.56	8.16	44.72	54.00	-9.28	AVG
5	5350.000	46.98	8.33	55.31	74.00	-18.69	peak
6	5350.000	37.66	8.33	45.99	54.00	-8.01	AVG
7	5396.640	51.98	8.37	60.35	74.00	-13.65	peak
8	5396.640	43.90	8.37	52.27	54.00	-1.73	AVG

- Note:
1. Result = Correction factor + Reading
 2. Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
 3. When the peak results are less than average limit, so not need to evaluate the average.

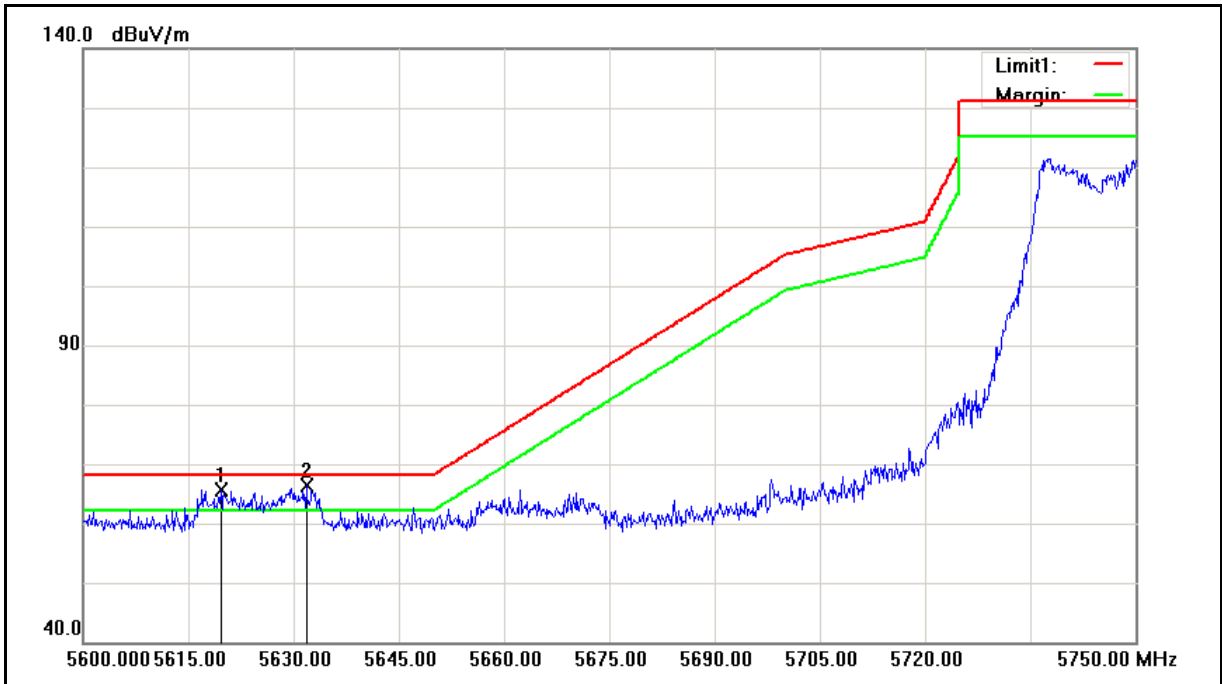
Standard:	FCC Part 15E	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Test Mode:	IEEE 802.11ac 20MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Frequency:	5745 MHz		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5618.450	57.30	8.76	66.06	68.20	-2.14	peak
2	5620.550	57.86	8.76	66.62	68.20	-1.58	peak

- Note:
1. Result = Correction factor + Reading
 2. Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
 3. When the peak results are less than average limit, so not need to evaluate the average.

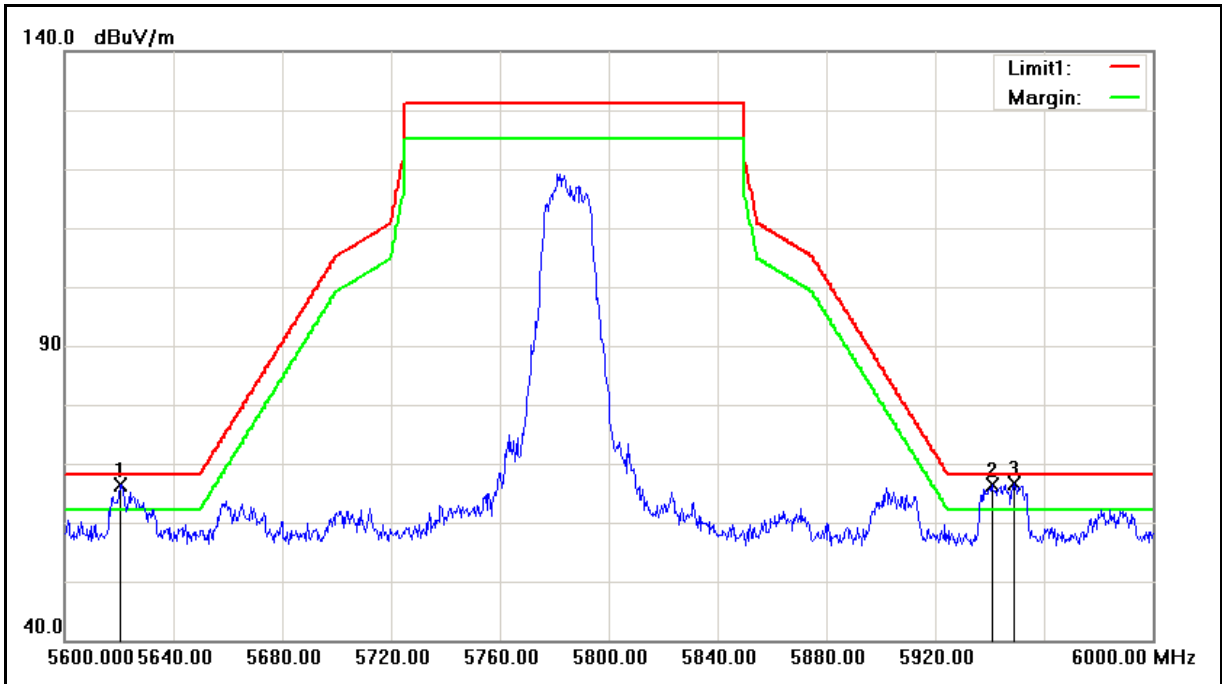
Standard:	FCC Part 15E	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Test Mode:	IEEE 802.11ac 20MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Frequency:	5745 MHz		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5619.650	56.98	8.76	65.74	68.20	-2.46	peak
2	5631.800	57.70	8.79	66.49	68.20	-1.71	peak

- Note:
1. Result = Correction factor + Reading
 2. Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
 3. When the peak results are less than average limit, so not need to evaluate the average.

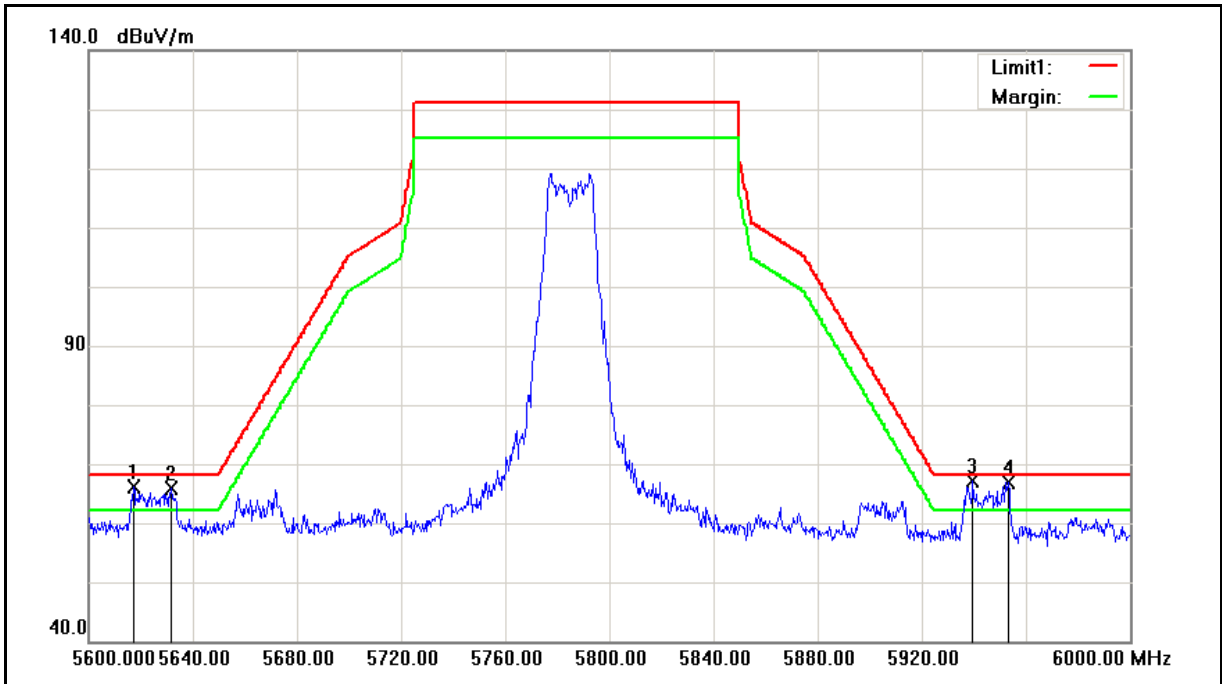
Standard:	FCC Part 15E	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Test Mode:	IEEE 802.11ac 20MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Frequency:	5785 MHz		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5620.400	57.62	8.76	66.38	68.20	-1.82	peak
2	5940.800	56.90	9.57	66.47	68.20	-1.73	peak
3	5948.800	56.98	9.59	66.57	68.20	-1.63	peak

- Note:
1. Result = Correction factor + Reading
 2. Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
 3. When the peak results are less than average limit, so not need to evaluate the average.

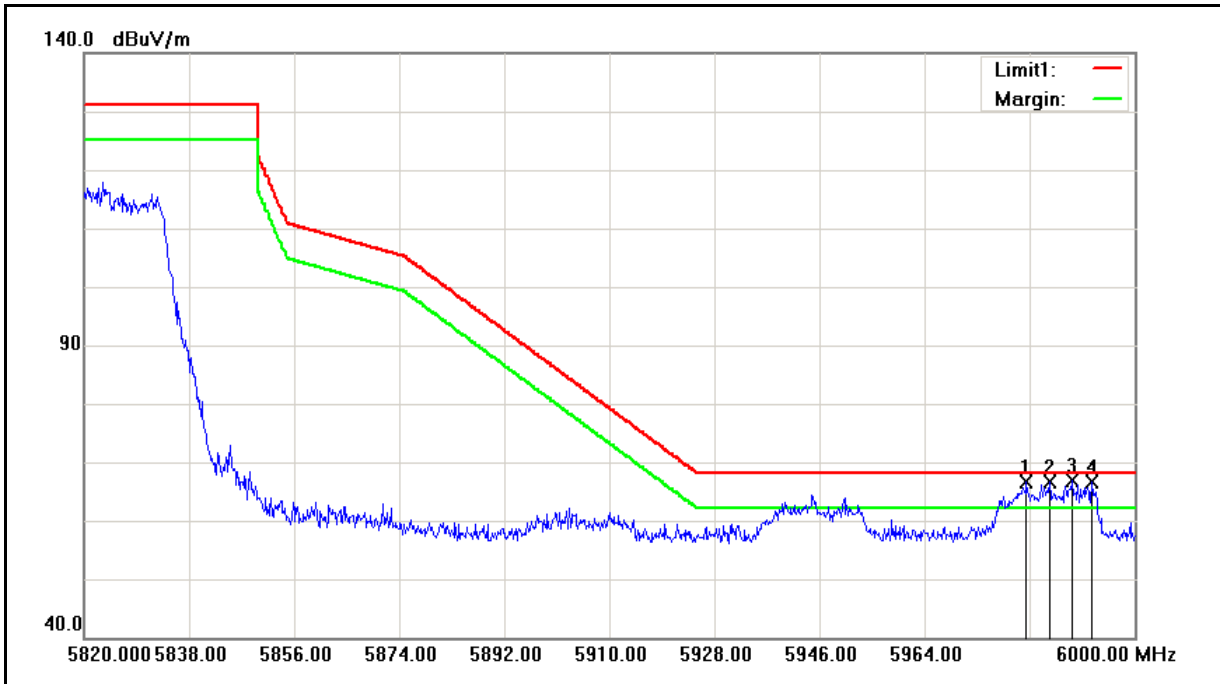
Standard:	FCC Part 15E	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Test Mode:	IEEE 802.11ac 20MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Frequency:	5785 MHz		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5617.200	57.41	8.76	66.17	68.20	-2.03	peak
2	5631.600	57.05	8.79	65.84	68.20	-2.36	peak
3	5939.600	57.58	9.56	67.14	68.20	-1.06	peak
4	5953.200	57.26	9.60	66.86	68.20	-1.34	peak

- Note:
1. Result = Correction factor + Reading
 2. Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
 3. When the peak results are less than average limit, so not need to evaluate the average.

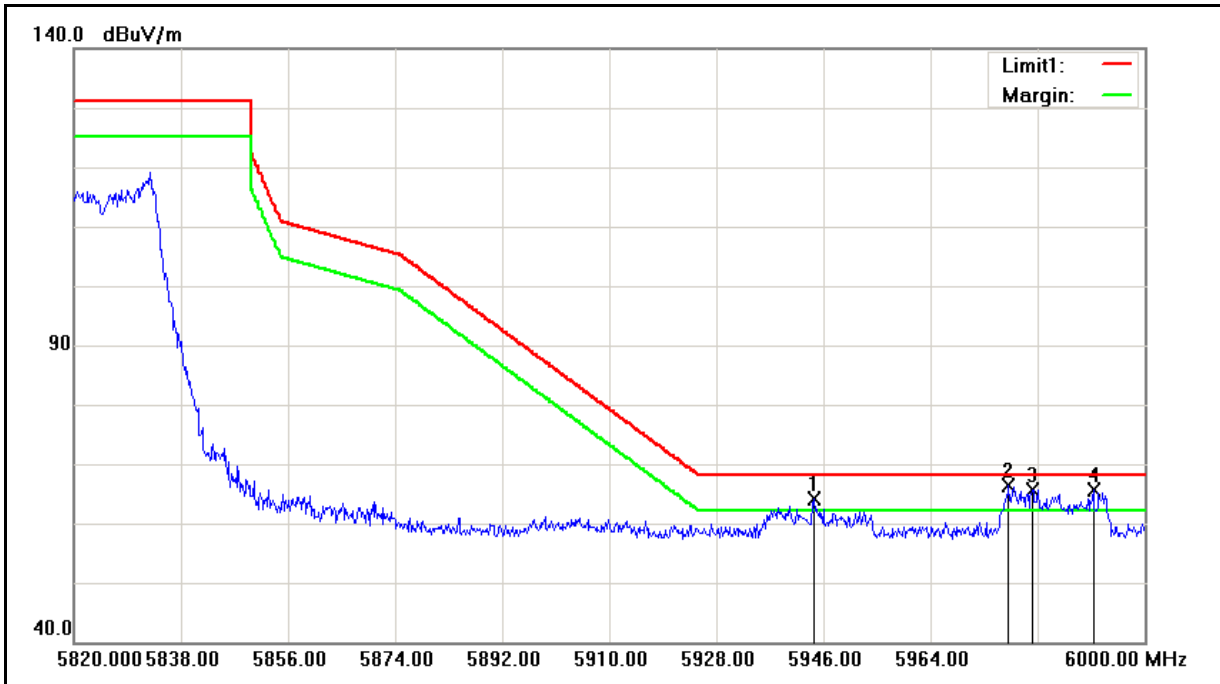
Standard:	FCC Part 15E	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Test Mode:	IEEE 802.11ac 20MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Frequency:	5825 MHz		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5981.460	56.87	9.66	66.53	68.20	-1.67	peak
2	5985.420	57.01	9.68	66.69	68.20	-1.51	peak
3	5989.380	57.24	9.68	66.92	68.20	-1.28	peak
4	5992.620	56.83	9.69	66.52	68.20	-1.68	peak

- Note:
1. Result = Correction factor + Reading
 2. Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
 3. When the peak results are less than average limit, so not need to evaluate the average.

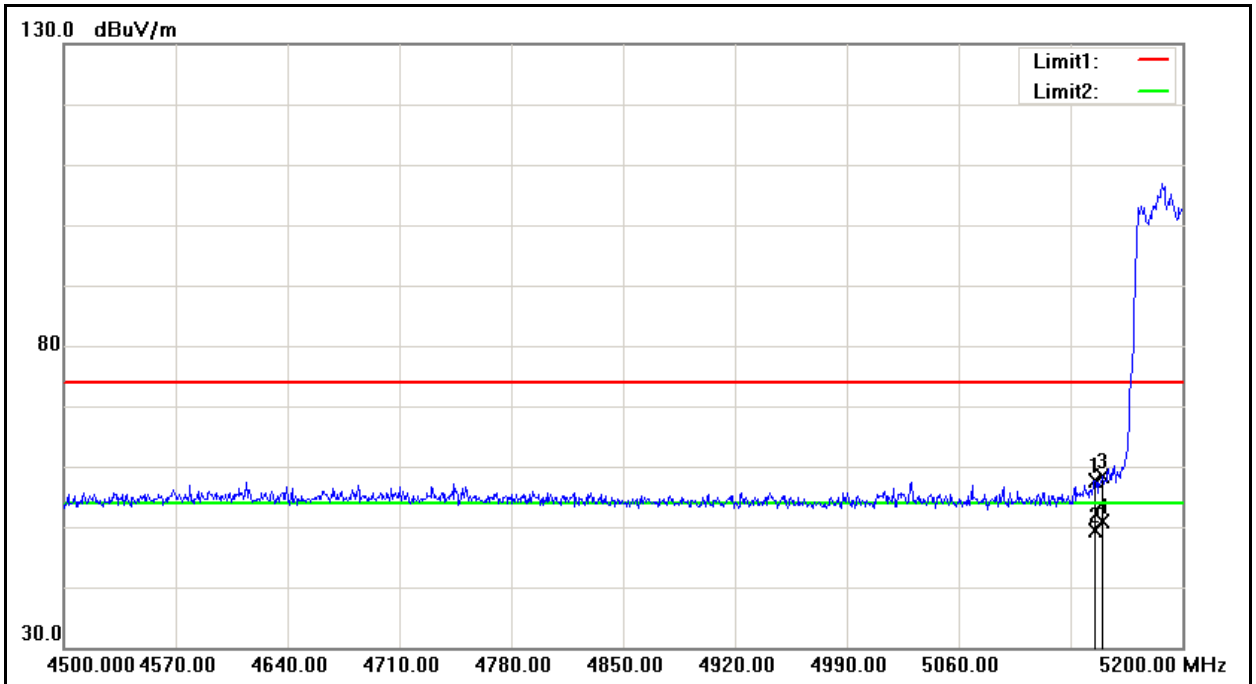
Standard:	FCC Part 15E	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Test Mode:	IEEE 802.11ac 20MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Frequency:	5825 MHz		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5944.380	54.52	9.57	64.09	68.20	-4.11	peak
2	5977.140	56.82	9.65	66.47	68.20	-1.73	peak
3	5981.100	56.09	9.66	65.75	68.20	-2.45	peak
4	5991.360	55.96	9.69	65.65	68.20	-2.55	peak

- Note:
1. Result = Correction factor + Reading
 2. Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
 3. When the peak results are less than average limit, so not need to evaluate the average.

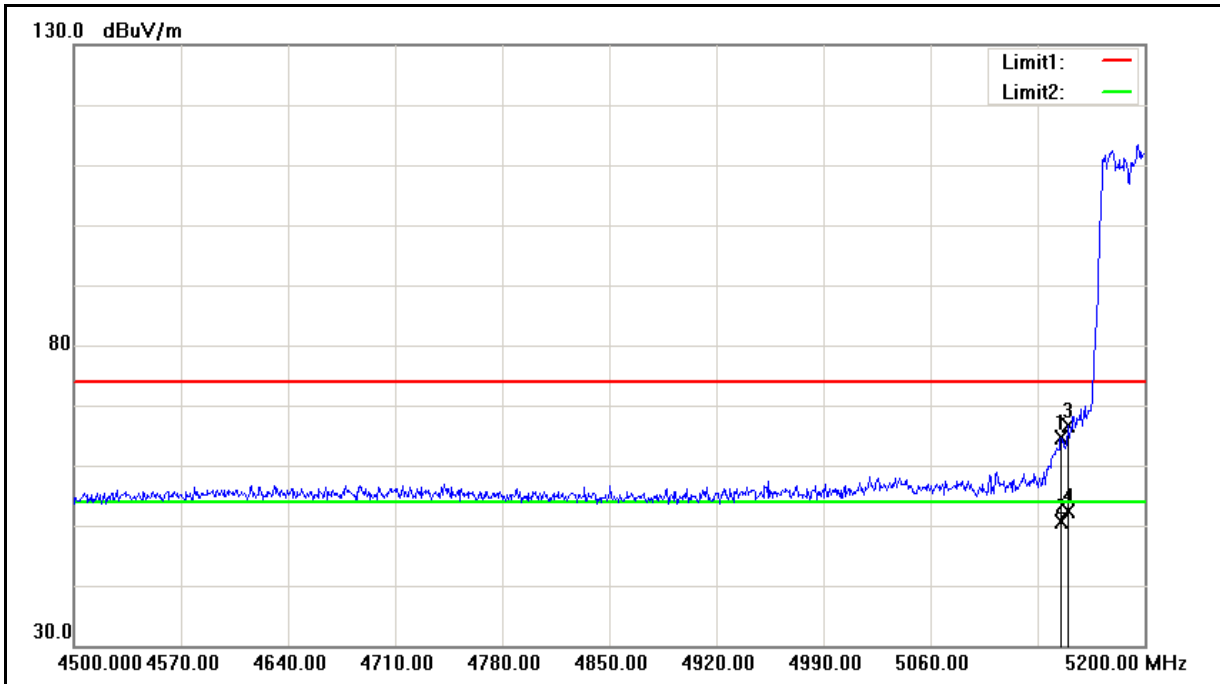
Standard:	FCC Part 15E	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Test Mode:	IEEE 802.11ac 40MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Frequency:	5190 MHz		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5145.400	49.47	8.15	57.62	74.00	-16.38	peak
2	5145.400	41.29	8.15	49.44	54.00	-4.56	AVG
3	5150.000	50.17	8.16	58.33	74.00	-15.67	peak
4	5150.000	42.80	8.16	50.96	54.00	-3.04	AVG

- Note:
1. Result = Correction factor + Reading
 2. Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
 3. When the peak results are less than average limit, so not need to evaluate the average.

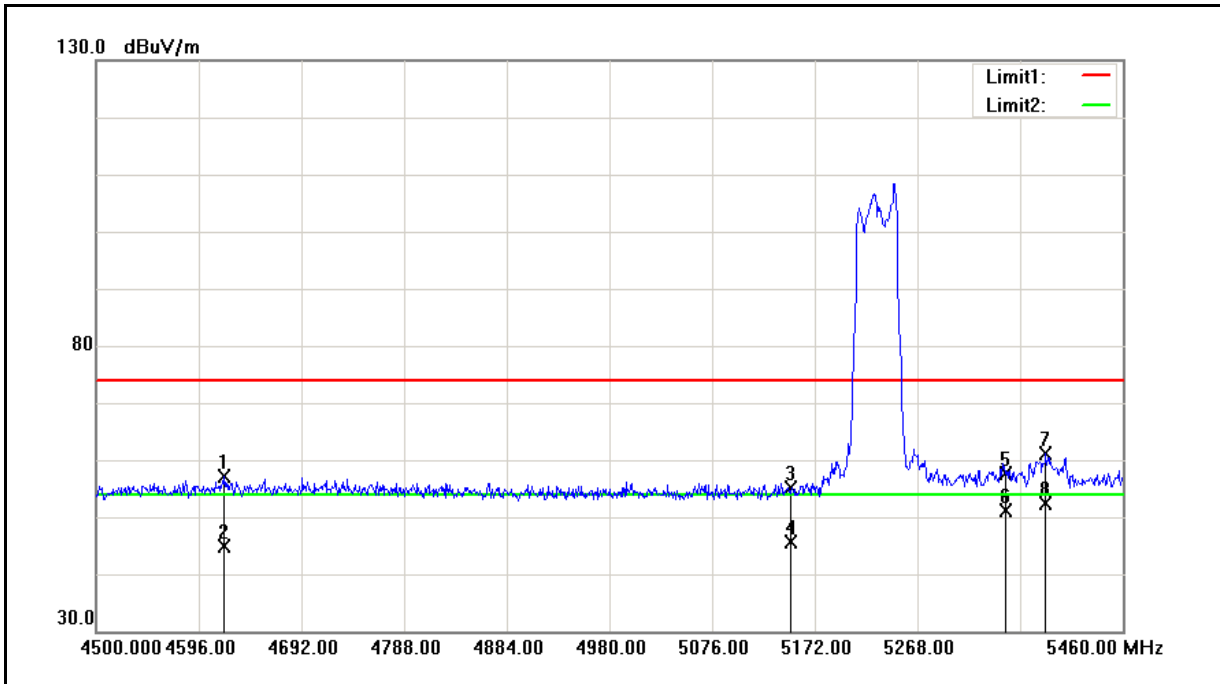
Standard:	FCC Part 15E	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Test Mode:	IEEE 802.11ac 40MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Frequency:	5190 MHz		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5145.400	56.58	8.15	64.73	74.00	-9.27	peak
2	5145.400	42.53	8.15	50.68	54.00	-3.32	AVG
3	5150.000	58.42	8.16	66.58	74.00	-7.42	peak
4	5150.000	44.12	8.16	52.28	54.00	-1.72	AVG

- Note:
1. Result = Correction factor + Reading
 2. Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
 3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15E	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Test Mode:	IEEE 802.11ac 40MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Frequency:	5230 MHz		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4620.000	50.35	6.68	57.03	74.00	-16.97	peak
2	4620.000	38.09	6.68	44.77	54.00	-9.23	AVG
3	5150.000	46.98	8.16	55.14	74.00	-18.86	peak
4	5150.000	37.52	8.16	45.68	54.00	-8.32	AVG
5	5350.000	49.23	8.33	57.56	74.00	-16.44	peak
6	5350.000	42.71	8.33	51.04	54.00	-2.96	AVG
7	5388.000	52.64	8.37	61.01	74.00	-12.99	peak
8	5388.000	44.02	8.37	52.39	54.00	-1.61	AVG

- Note:
1. Result = Correction factor + Reading
 2. Correction factor = Antenna Factor + Cable loss – Pre-Amplifier gain.
 3. When the peak results are less than average limit, so not need to evaluate the average.