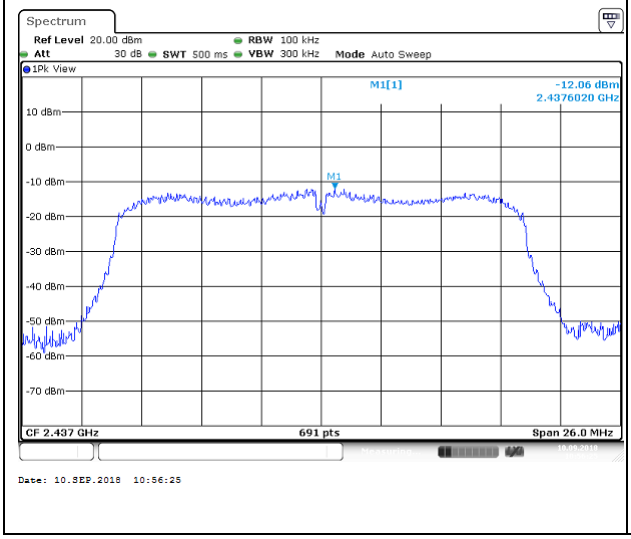
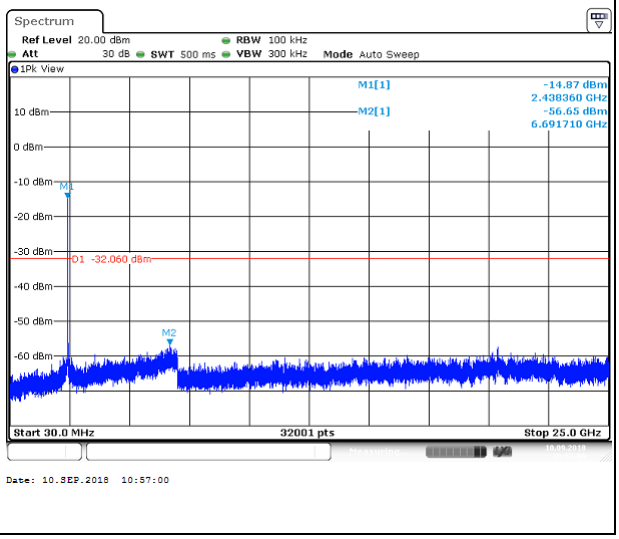
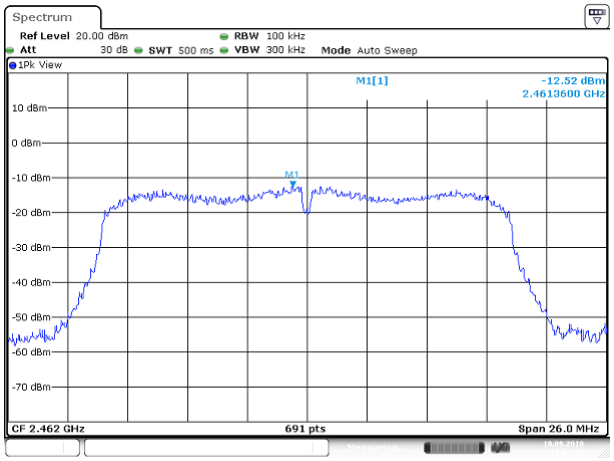
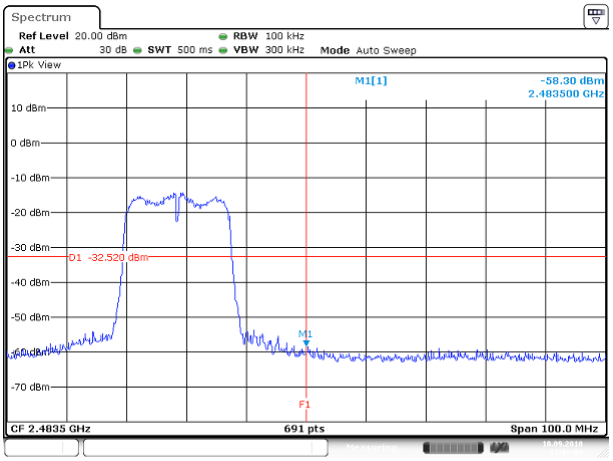
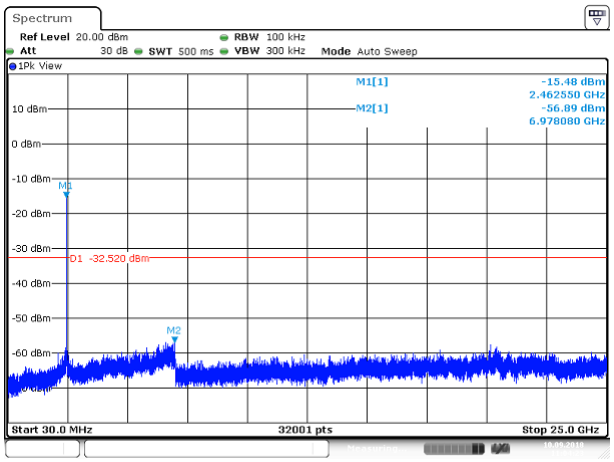
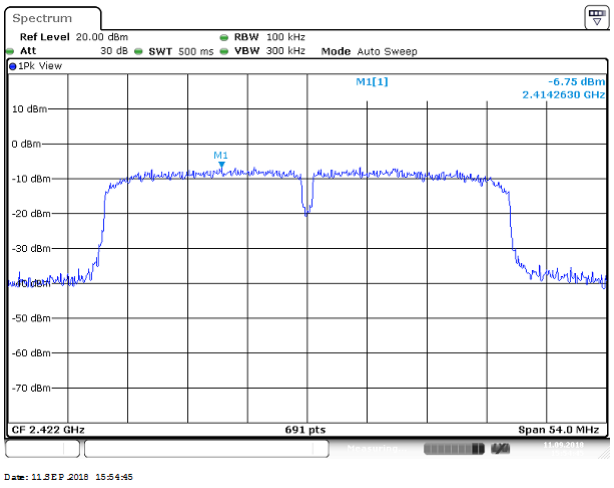
IEEE 802.11 n HT20 Mode Mid CH (Chain A)	
Reference Level of PSD in 100kHz	**Spurious Emission 30MHz-25GHz**
	

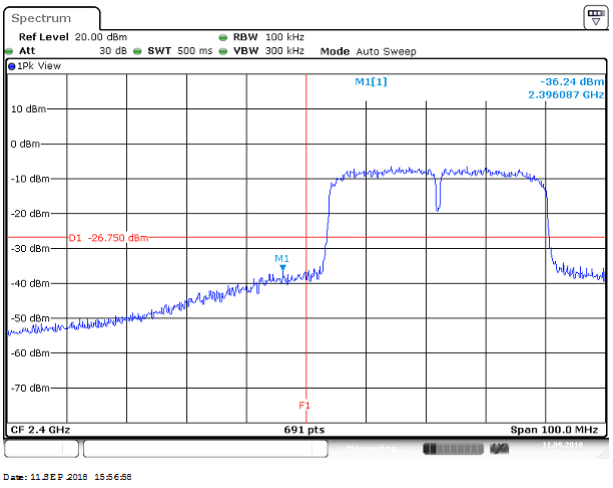
IEEE 802.11n HT20 Mode High CH (Chain A)	
Reference Level of PSD in 100kHz	**Band Edge**
	
Spurious Emission 30MHz-25GHz	
	

IEEE 802.11 n HT40 Mode Low CH (Chain A)

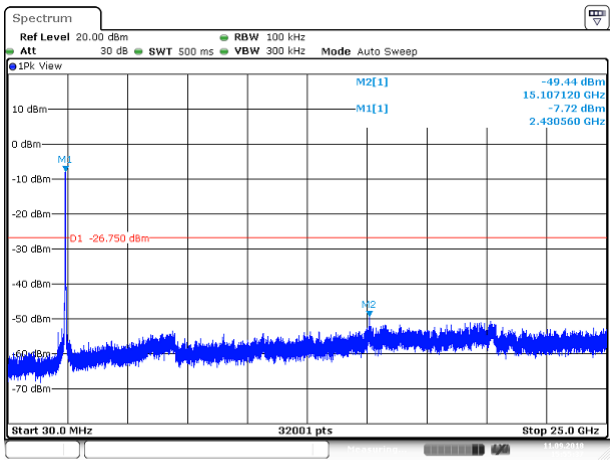
Reference Level of PSD in 100kHz

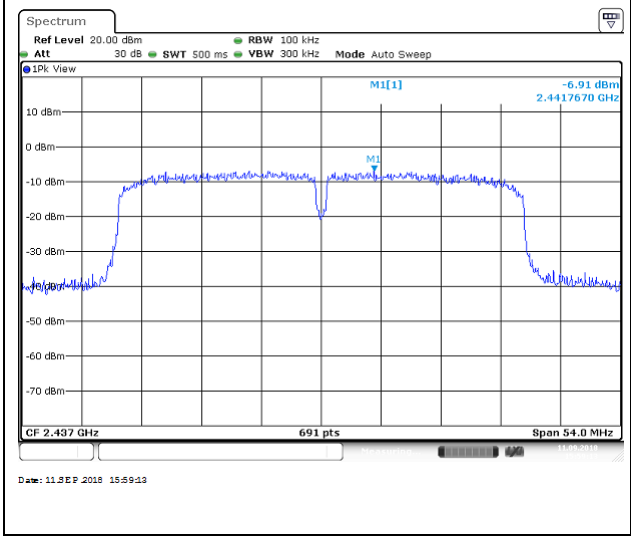
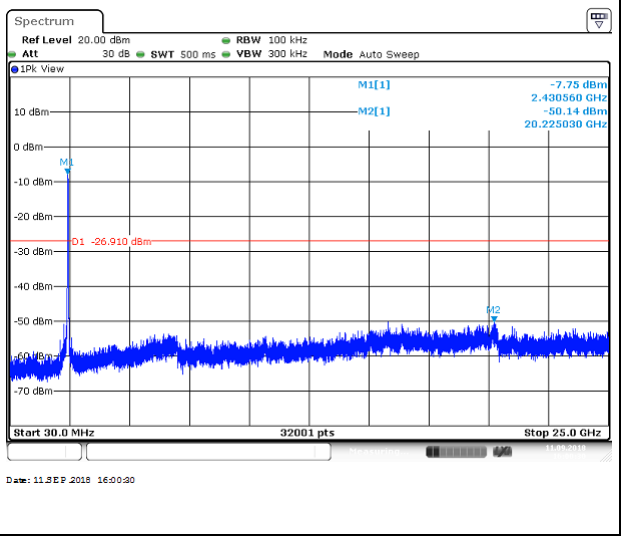


Band Edge



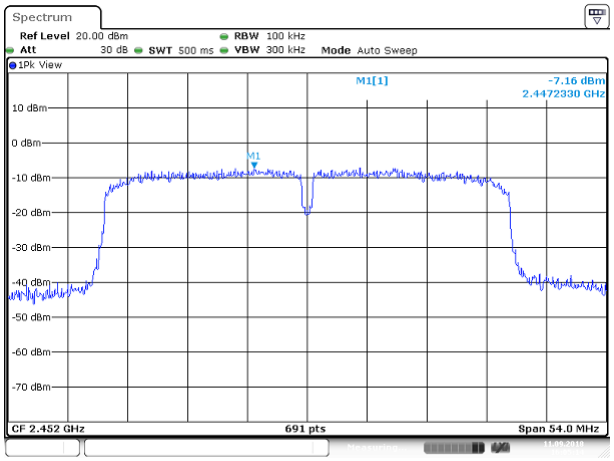
Spurious Emission 30MHz-25GHz



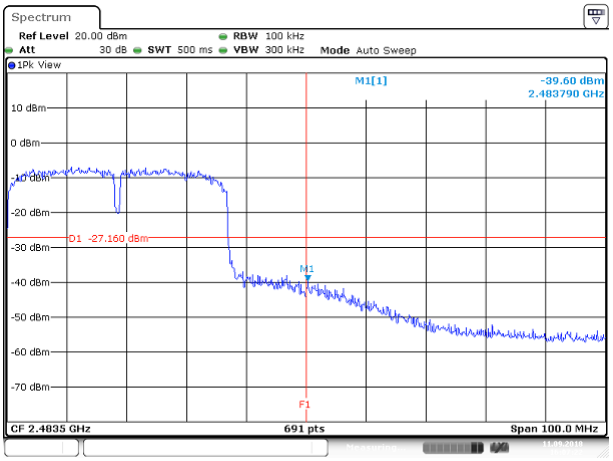
IEEE 802.11 n HT40 Mode Mid CH (Chain A)	
Reference Level of PSD in 100kHz	**Spurious Emission 30MHz-25GHz**
	

IEEE 802.11n HT40 Mode High CH (Chain A)

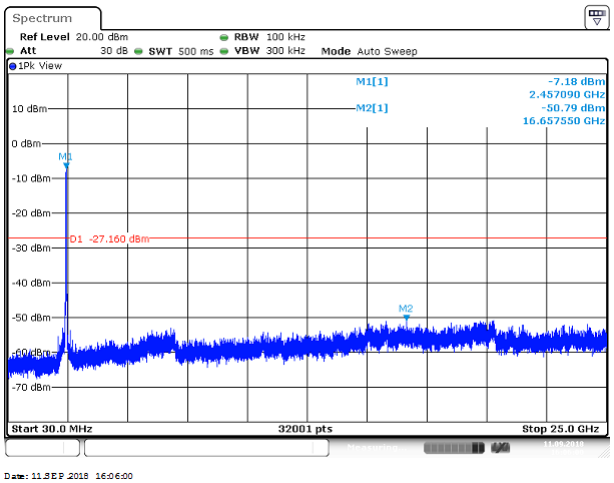
Reference Level of PSD in 100kHz



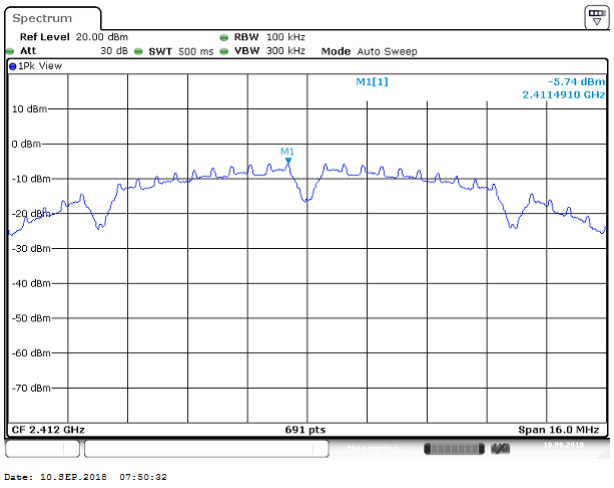
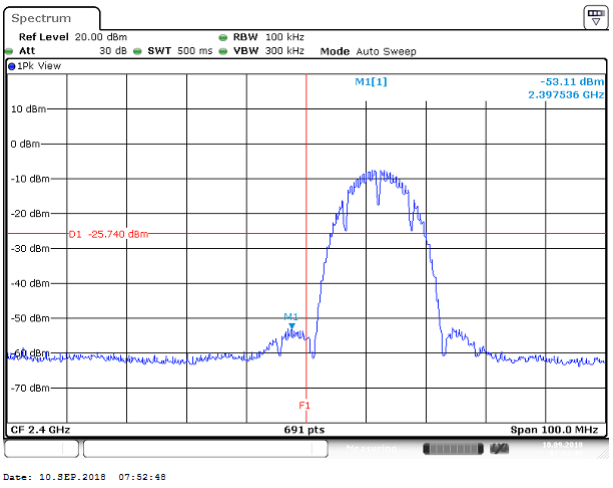
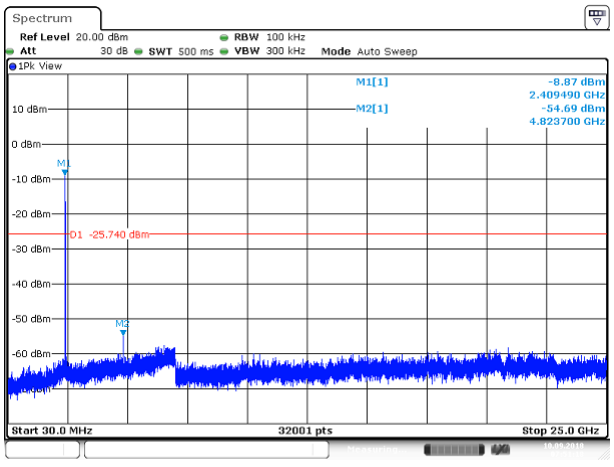
Band Edge

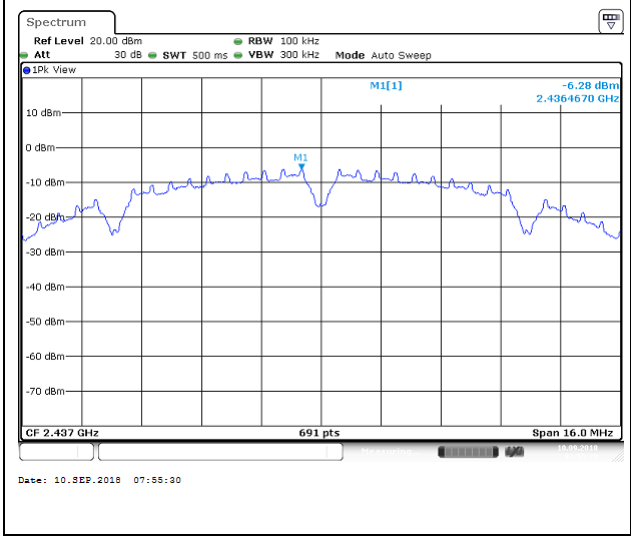
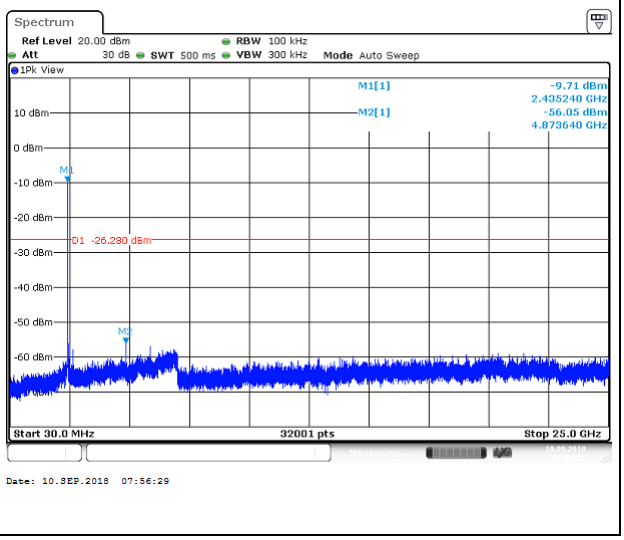


Spurious Emission 30MHz-25GHz



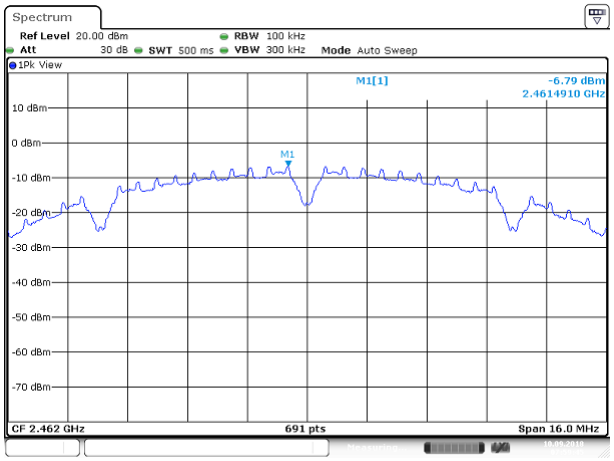
Test Data

IEEE 802.11b Mode Low CH (Chain B)	
Reference Level of PSD in 100kHz	**Band Edge**
	
Spurious Emission 30MHz-25GHz	
	

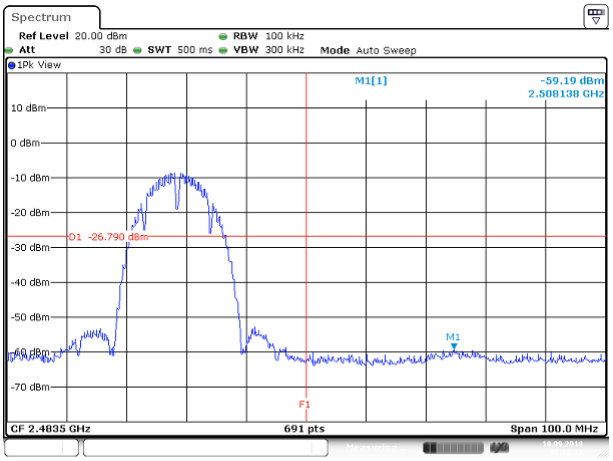
IEEE 802.11b Mode Mid CH (Chain B)	
Reference Level of PSD in 100kHz	**Spurious Emission 30MHz-25GHz**
	

IEEE 802.11b Mode High CH (Chain B)

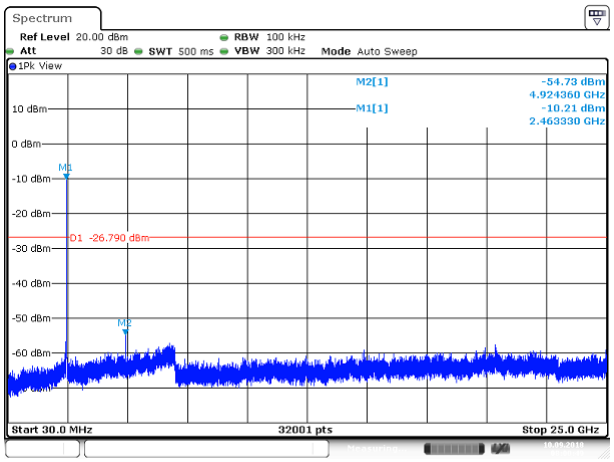
Reference Level of PSD in 100kHz

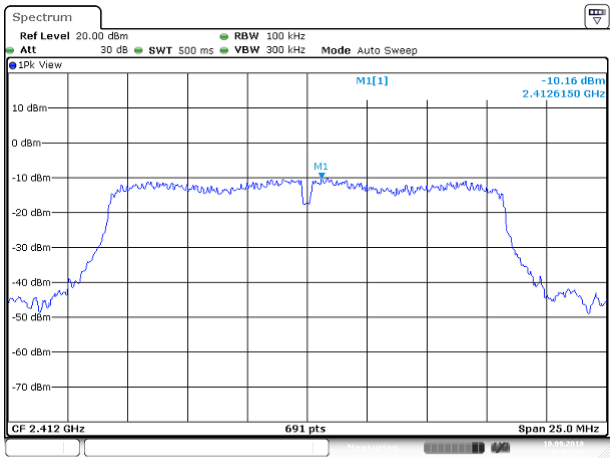
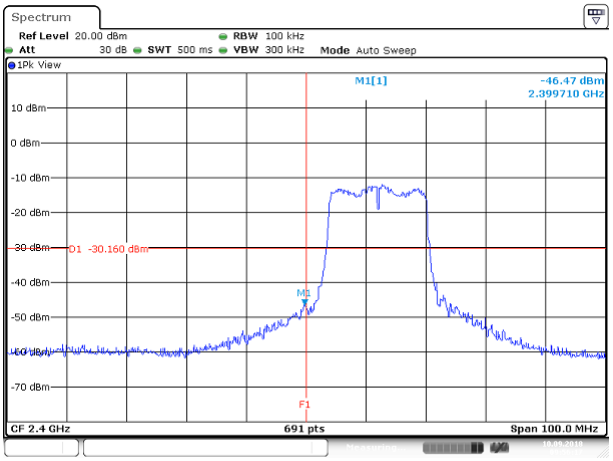
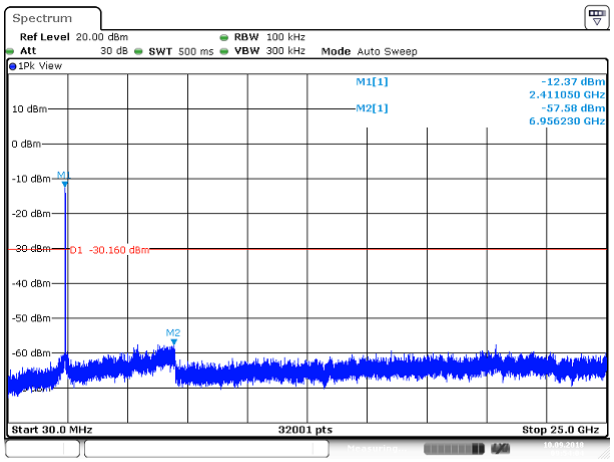


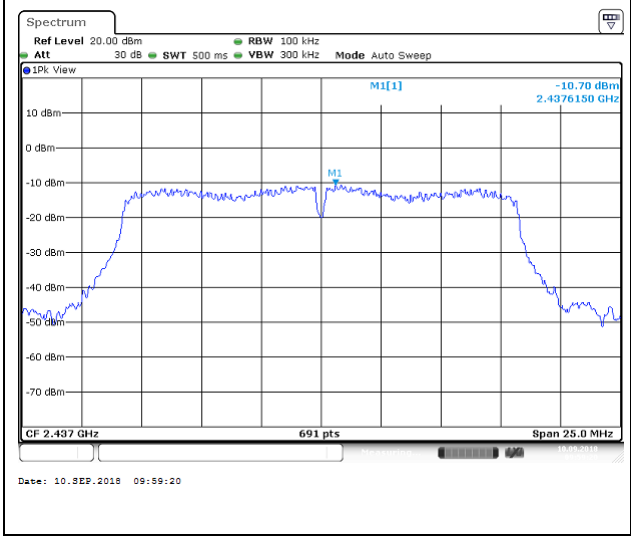
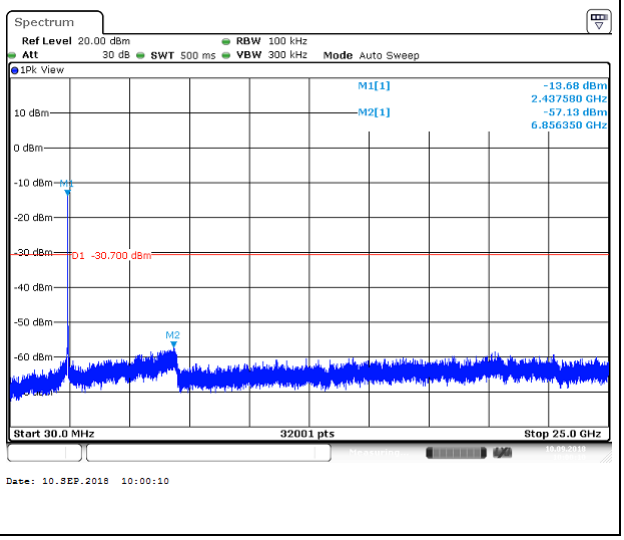
Band Edge



Spurious Emission 30MHz-25GHz

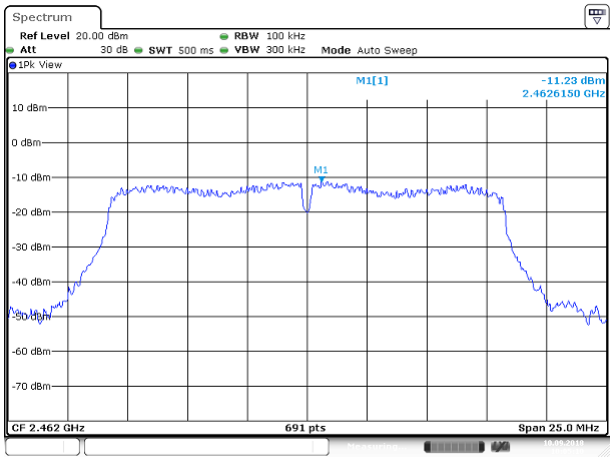


IEEE 802.11g Mode Low CH (Chain B)	
Reference Level of PSD in 100kHz	**Band Edge**
	
Spurious Emission 30MHz-25GHz	
	

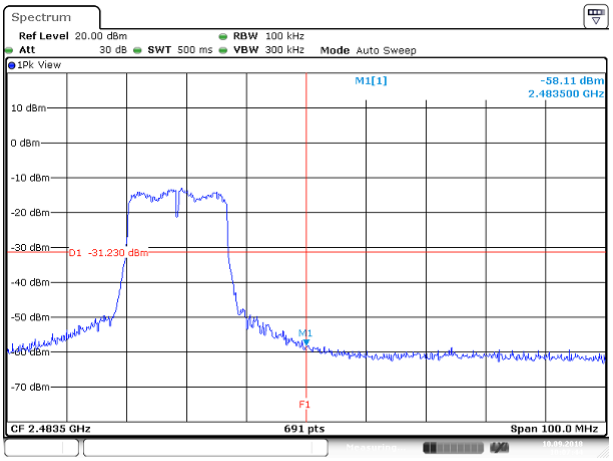
IEEE 802.11g Mode Mid CH (Chain B)	
Reference Level of PSD in 100kHz	**Spurious Emission 30MHz-25GHz**
	

IEEE 802.11g Mode High CH (Chain B)

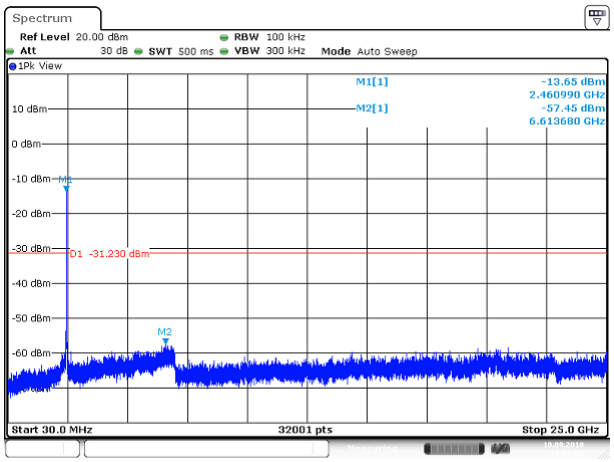
Reference Level of PSD in 100kHz



Band Edge

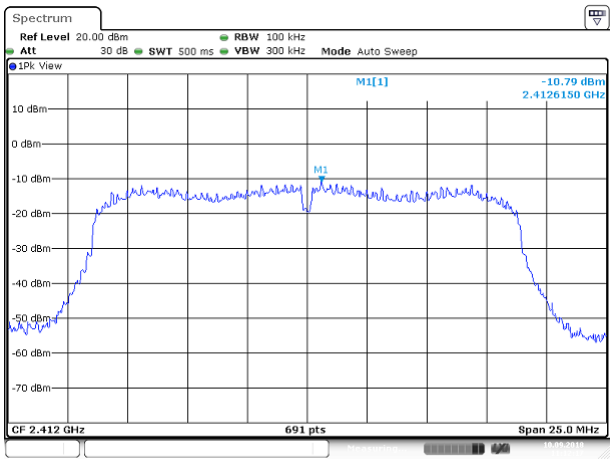


Spurious Emission 30MHz-25GHz

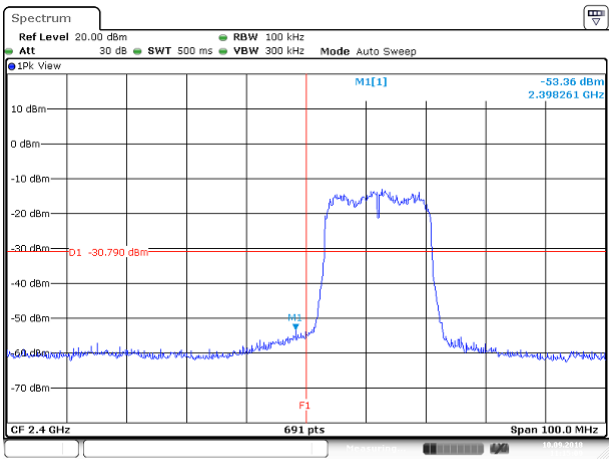


IEEE 802.11 n HT20 Mode Low CH (Chain B)

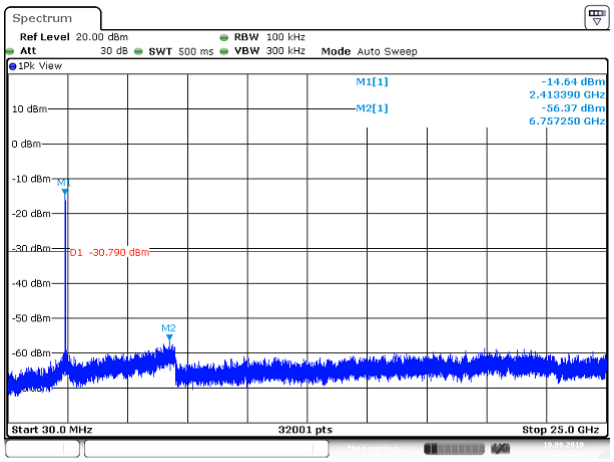
Reference Level of PSD in 100kHz

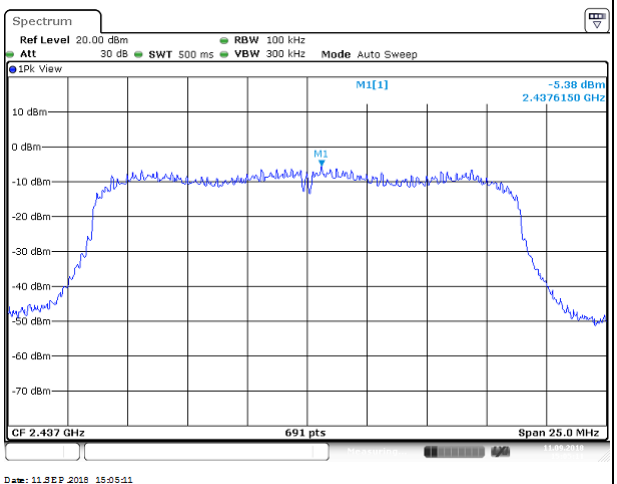
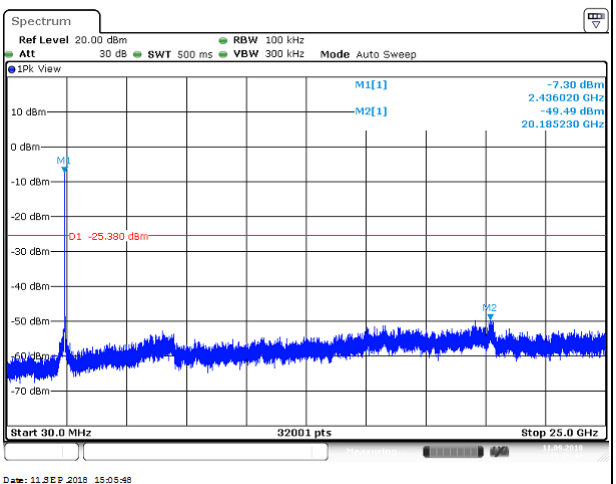


Band Edge



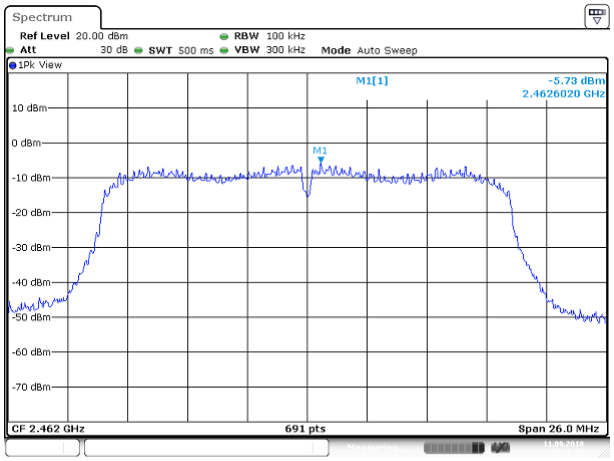
Spurious Emission 30MHz-25GHz



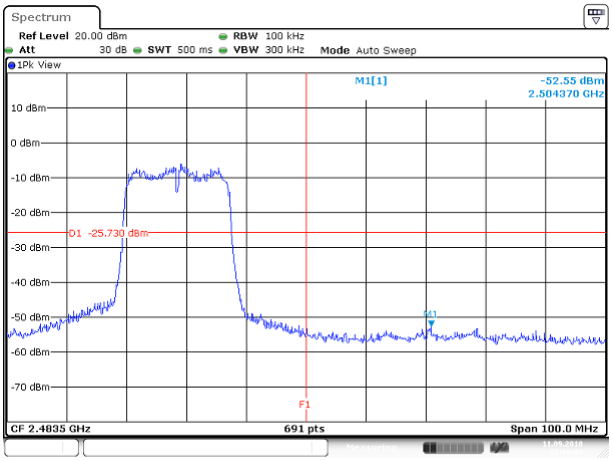
IEEE 802.11 n HT20 Mode Mid CH (Chain B)	
Reference Level of PSD in 100kHz	**Spurious Emission 30MHz-25GHz**
	

IEEE 802.11n HT20 Mode High CH (Chain B)

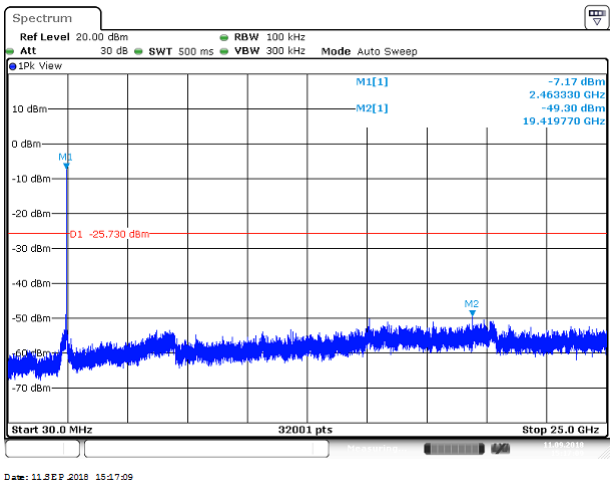
Reference Level of PSD in 100kHz

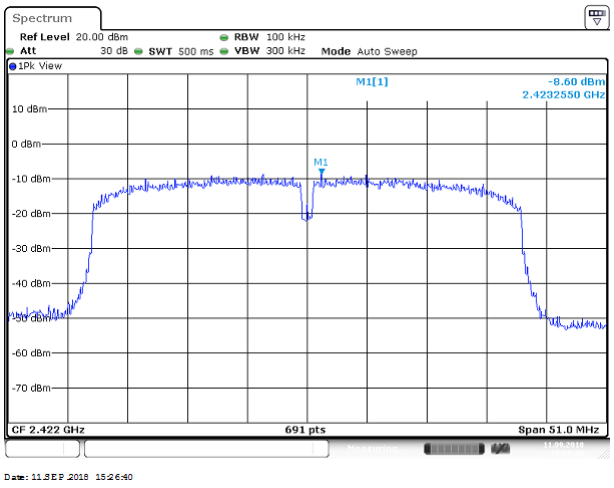
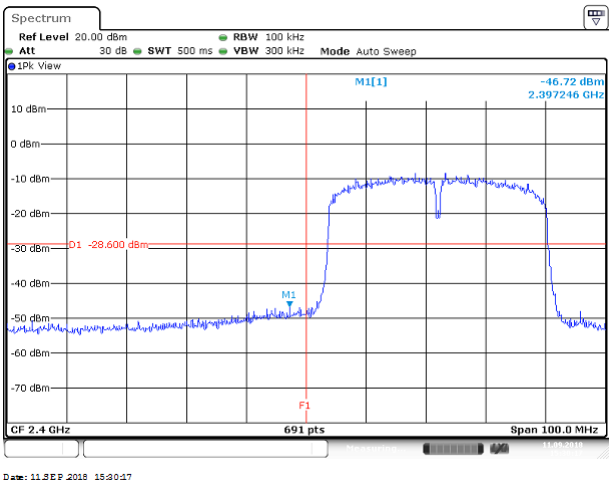
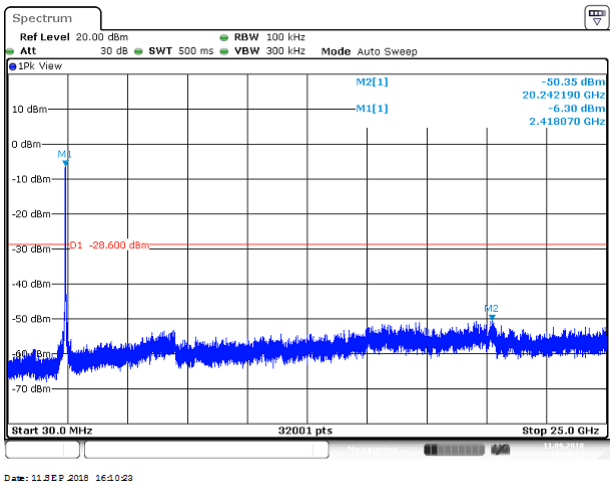


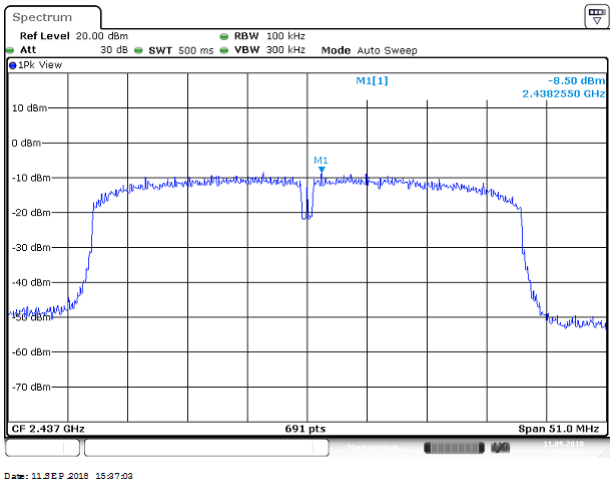
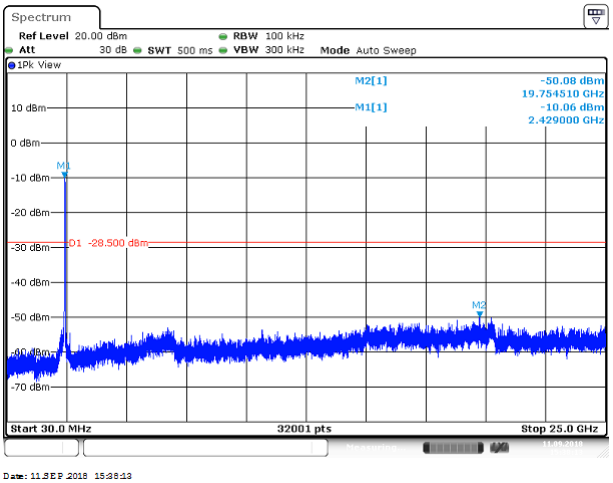
Band Edge



Spurious Emission 30MHz-25GHz

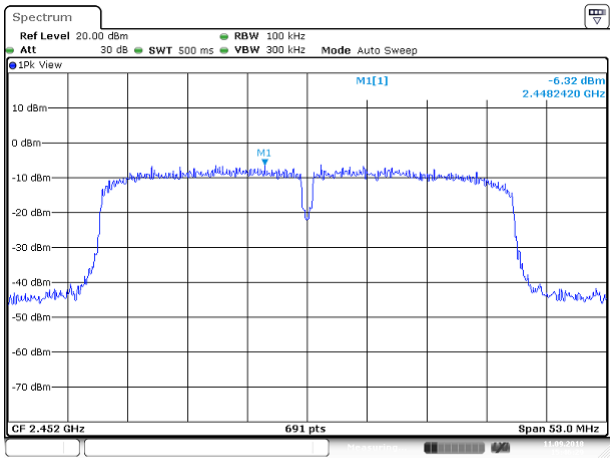


IEEE 802.11 n HT40 Mode Low CH (Chain B)	
Reference Level of PSD in 100kHz	**Band Edge**
	
Spurious Emission 30MHz-25GHz	
	

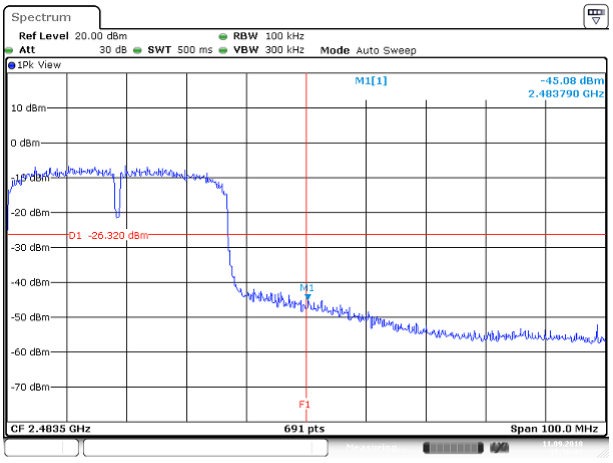
IEEE 802.11 n HT40 Mode Mid CH (Chain B)	
Reference Level of PSD in 100kHz	**Spurious Emission 30MHz-25GHz**
	

IEEE 802.11n HT40 Mode High CH (Chain B)

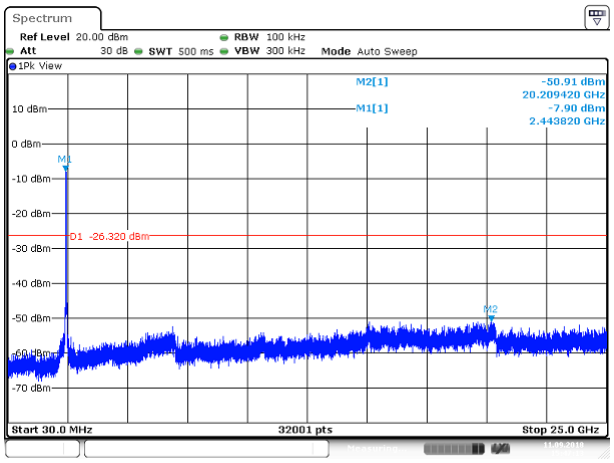
Reference Level of PSD in 100kHz



Band Edge



Spurious Emission 30MHz-25GHz



5.6 RADIATION BANDEDGE AND SPURIOUS EMISSION

5.6.1 Test Limit

FCC according to §15.247(d), §15.209 and §15.205,

In any 100 kHz bandwidth outside the authorized frequency band, all harmonic and spurious must be least 20 dB below the highest emission level with the authorized frequency band. Radiation emission which fall in the restricted bands must also follow the FCC section 15.209 as below limit in table.

Below 30 MHz

Frequency	Field Strength (microvolts/m)	Magnetic H-Field (microamperes/m)	Measurement Distance (metres)
9-490 kHz	2,400/F (F in kHz)	2,400/F (F in kHz)	300
490-1,705 kHz	24,000/F (F in kHz)	24,000/F (F in kHz)	30
1.705-30 MHz	30	N/A	30

Above 30 MHz

Frequency	Field Strength (microvolts/m)	Measurement Distance (metres)
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

5.6.2 Test Procedure

Test method Refer as, KDB 558074.

1. The EUT is placed on a turntable, Above 1 GHz is 1.5m and below 1 GHz is 0.8m above ground plane. The EUT Configured un accordance with ANSI C63.10, and the EUT set in a continuous mode.

2. The turntable shall be rotated for 360 degrees to determine the position of maximum emission level. And EUT is set 3m away from the receiving antenna, which is scanned from 1m to 4m above the ground plane to find out the highest emissions. Measurement are made polarized in both the vertical and the horizontal positions with antenna.

3. Span shall wide enough to full capture the emission measured. The SA from 9kHz to 26.5GHz set to the low, Mid and High channels with the EUT transmit.

Note: No emission found between lowest internal used/generated frequency to 30MHz (9KHz~30MHz)

Remark:

1. Although these tests were performed other than open area test site, adequate comparison measurements were confirmed against 30 m open are test site. Therefore sufficient tests were made to demonstrate that the alternative site produces results that correlate with the ones of tests made in an open field based on KDB 414788.
2. We selected the highest gain to performed testing on 802.11b and 802.11 g mode.

4. The SA setting following：

(1) Below 1G：RBW = 100kHz, VBW ≥ 3 RBW, Sweep = Auto, Detector = Peak, Trace = Max hold.

(2) Above 1G：

(2.1) For Peak measurement：RBW = 1MHz, VBW ≥ 3 RBW, Sweep = Auto, Detector = Peak, Trace = Max hold.

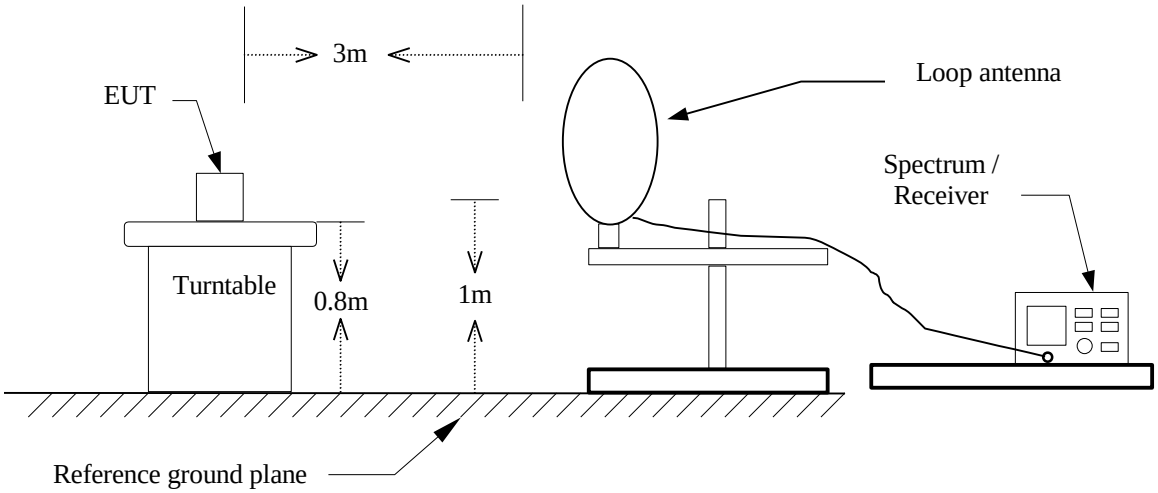
(2.2) For Average measurement：RBW = 1MHz, VBW

- If Duty Cycle ≥ 98%, VBW=10Hz.
- If Duty Cycle < 98%, VBW=1/T.

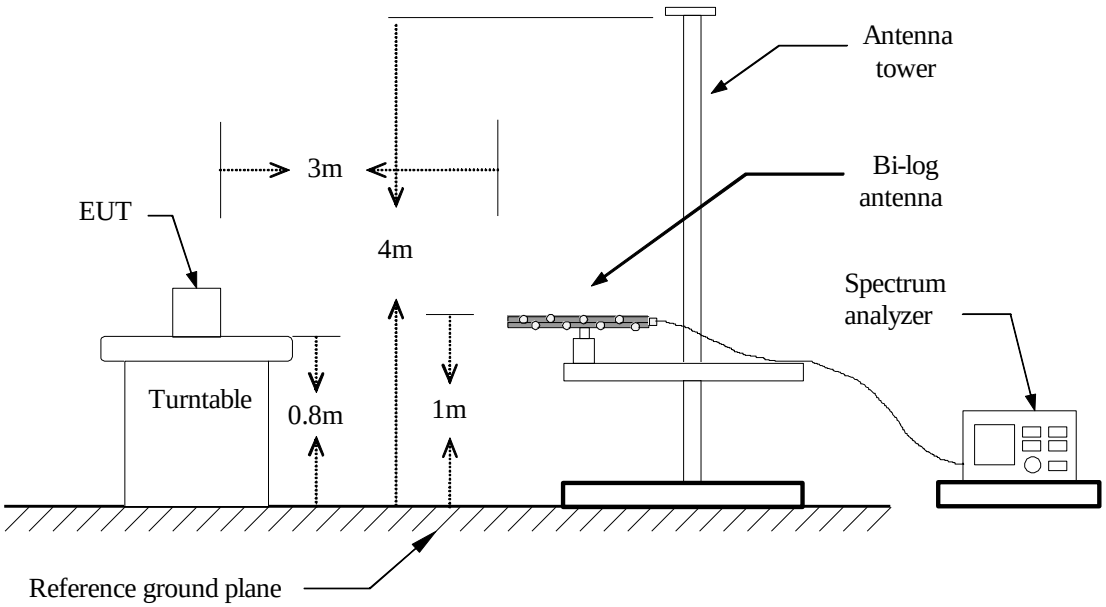
Configuration	Duty Cycle (%)	T(ms)	1/T (kHz)	VBW Setting
802.11b	100.00%	1.0000	-	10Hz
802.11g	100.00%	1.0000	-	10Hz
802.11n HT20	100.00%	1.0000	-	10Hz
802.11n HT40	100.00%	1.0000	-	10Hz

5.6.3 Test Setup

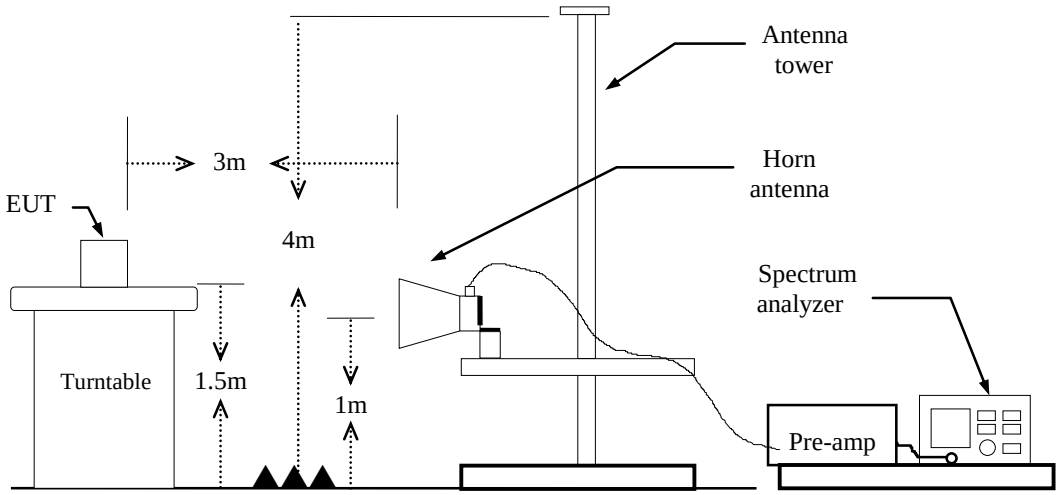
9kHz ~ 30MHz



30MHz ~ 1GHz



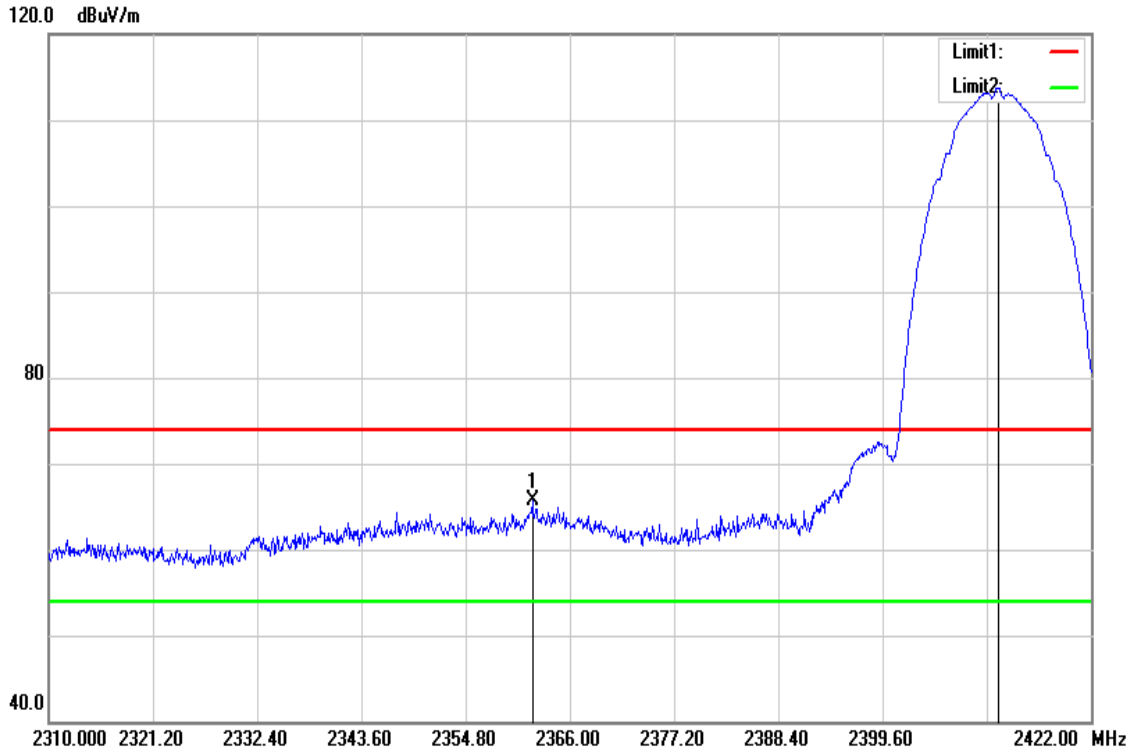
Above 1 GHz



5.6.4 Test Result

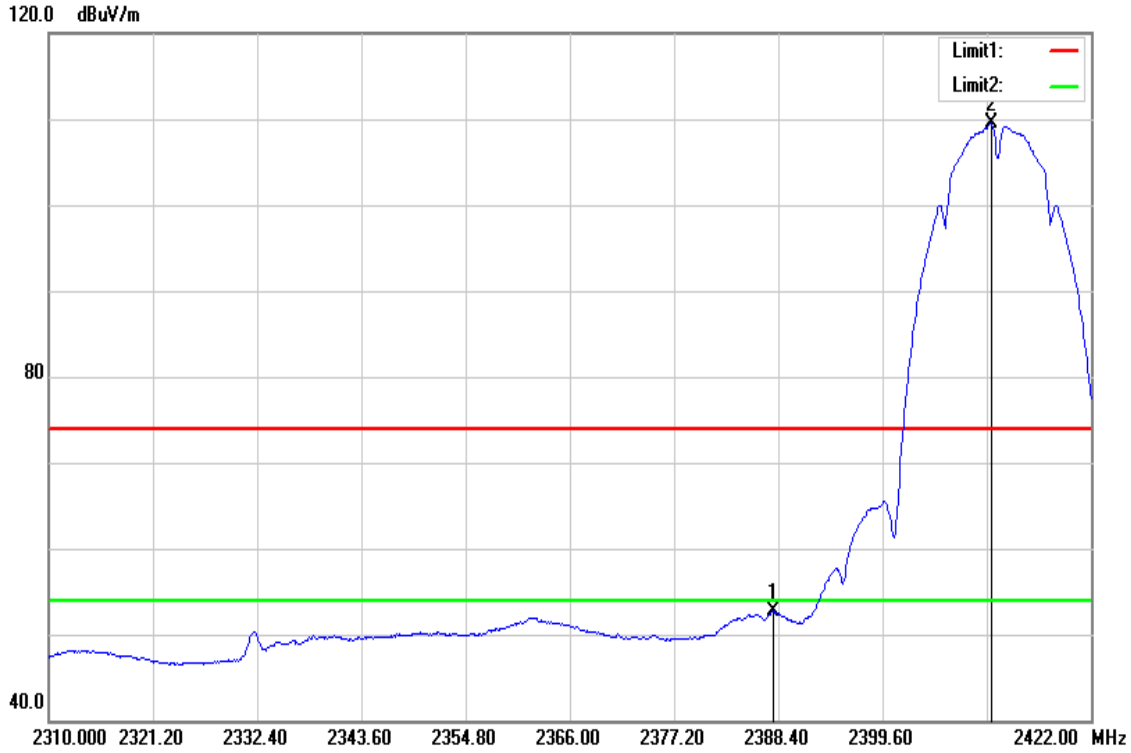
Band Edge Test Data

Test Mode	IEEE 802.11b Low CH	Temp/Hum	22.3(℃)/ 41%RH
Test Item	Band Edge	Test Date	September 14, 2018
Polarize	Horizontal	Test Engineer	Jerry Chuang
Detector	Peak		



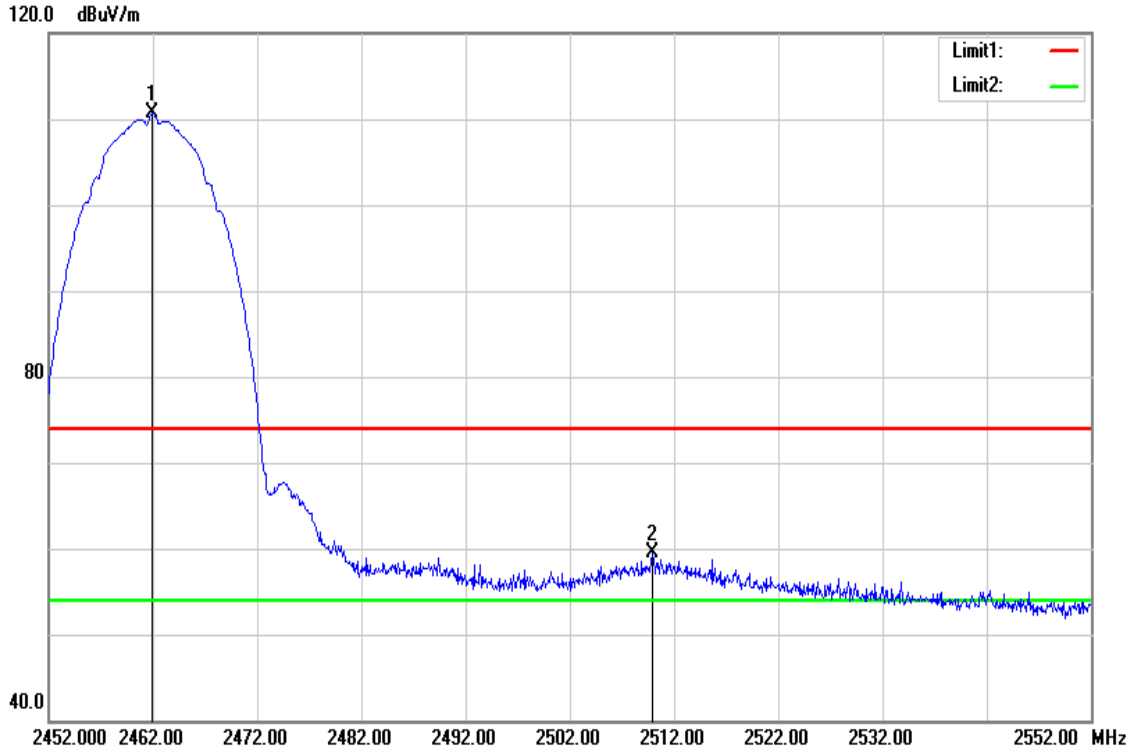
Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
2361.968	68.73	-3.09	65.64	74.00	-8.36	peak
2412.032	116.84	-3.08	113.76	-	-	peak

Test Mode	IEEE 802.11b Low CH	Temperature:	22.3(℃)/ 41%RH
Test Item	Band Edge	Test Date	September 14, 2018
Polarize	Horizontal	Test Engineer	Jerry Chuang
Detector	Average		



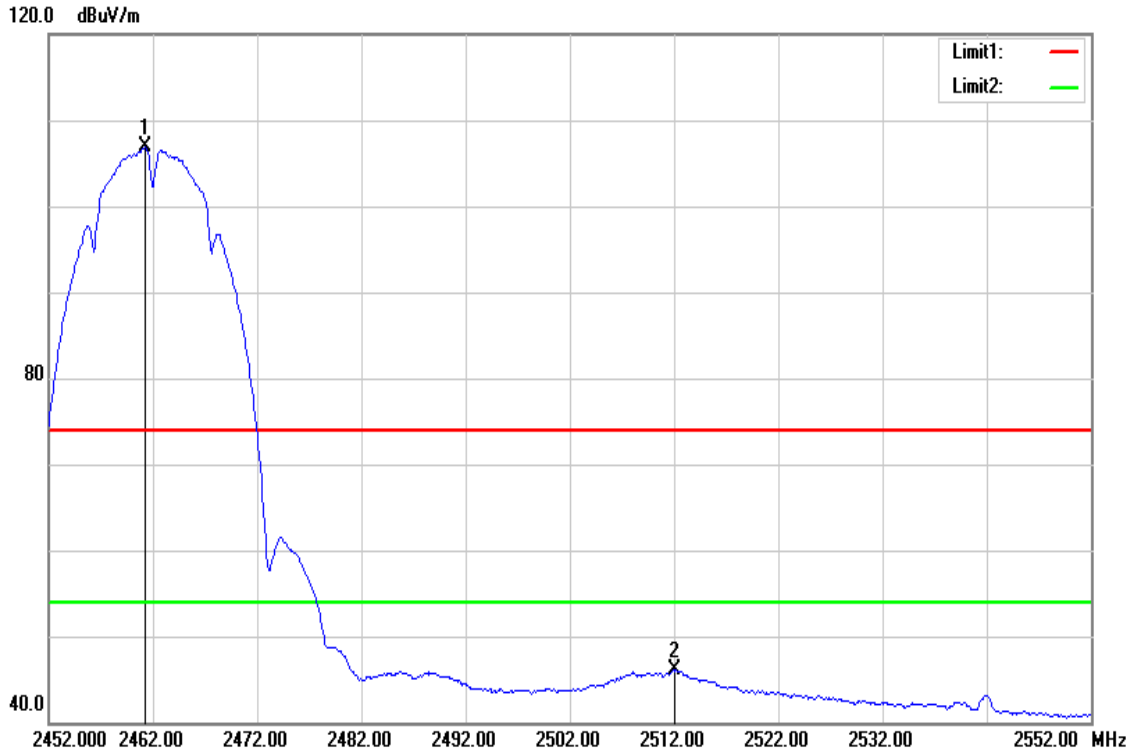
Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
2387.840	55.81	-3.12	52.69	54.00	-1.31	AVG
2411.248	112.51	-3.08	109.43	-	-	AVG

Test Mode	IEEE 802.11b High CH	Temp/Hum	22.3(℃)/ 41%RH
Test Item	Band Edge	Test Date	September 14, 2018
Polarize	Horizontal	Test Engineer	Jerry Chuang
Detector	Peak		



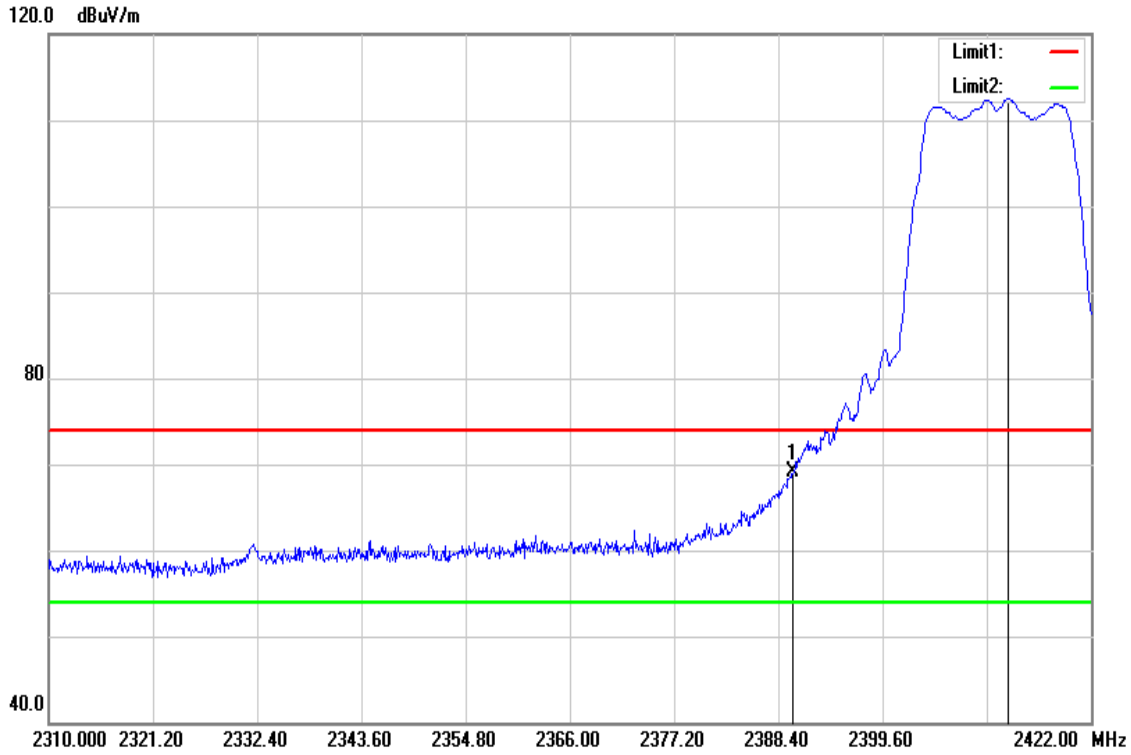
Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
2461.900	113.53	-2.82	110.71	-	-	peak
2509.900	62.00	-2.59	59.41	74.00	-14.59	peak

Test Mode	IEEE 802.11b High CH	Temperature:	22.3(℃)/ 41%RH
Test Item	Band Edge	Test Date	September 14, 2018
Polarize	Horizontal	Test Engineer	Jerry Chuang
Detector	Average		



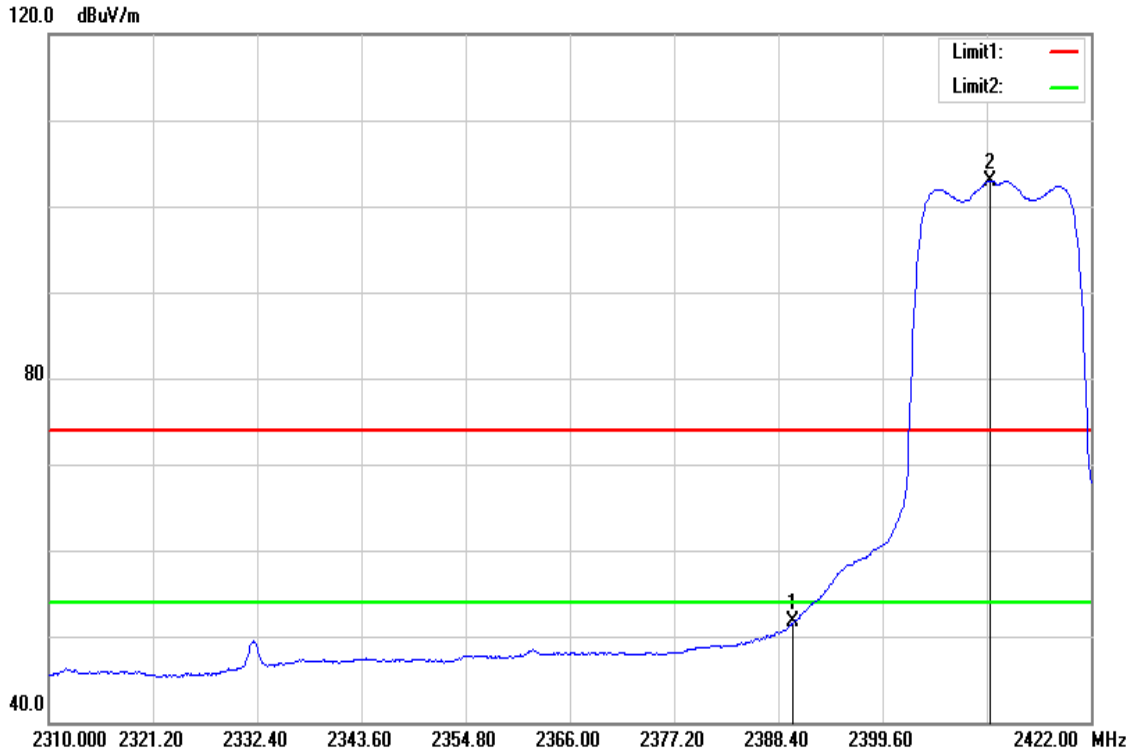
Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
2461.200	109.67	-2.84	106.83	-	-	AVG
2512.100	48.62	-2.58	46.04	54.00	-7.96	AVG

Test Mode	IEEE 802.11g Low CH	Temp/Hum	22.3(℃)/ 41%RH
Test Item	Band Edge	Test Date	September 14, 2018
Polarize	Horizontal	Test Engineer	Jerry Chuang
Detector	Peak		



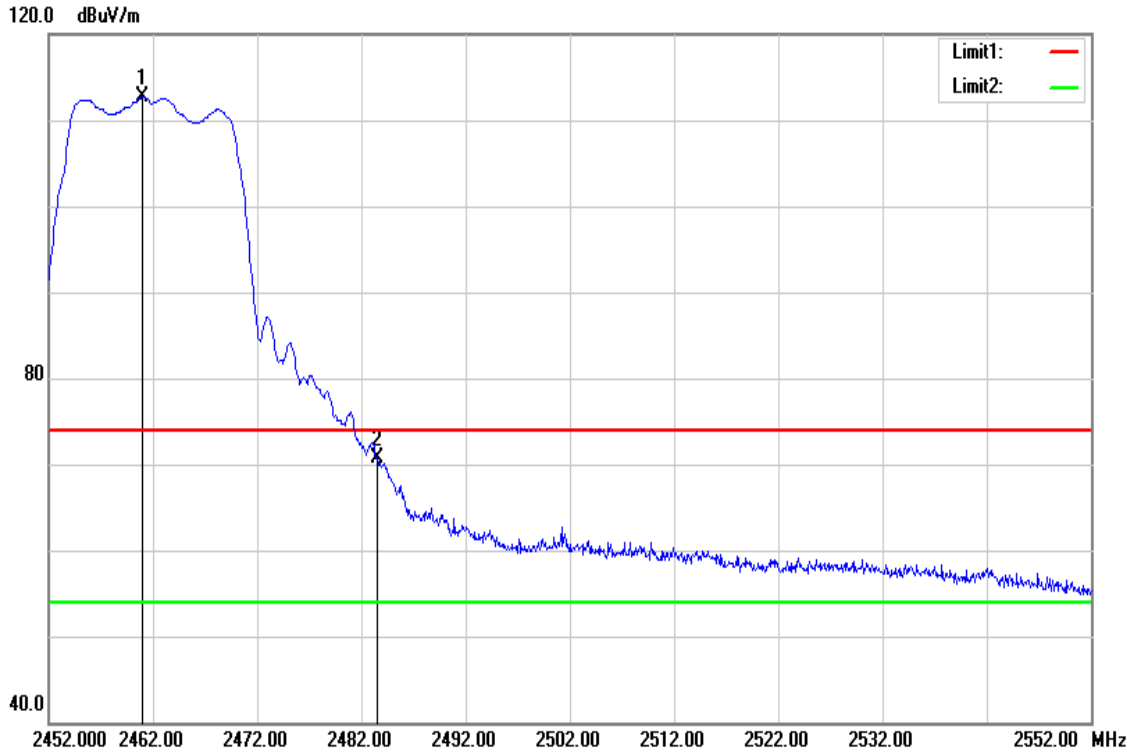
Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
2390.000	72.27	-3.13	69.14	74.00	-4.86	peak
2413.040	115.56	-3.07	112.49	-	-	peak

Test Mode	IEEE 802.11g Low CH	Temperature:	22.3(℃)/ 41%RH
Test Item	Band Edge	Test Date	September 14, 2018
Polarize	Horizontal	Test Engineer	Jerry Chuang
Detector	Average		



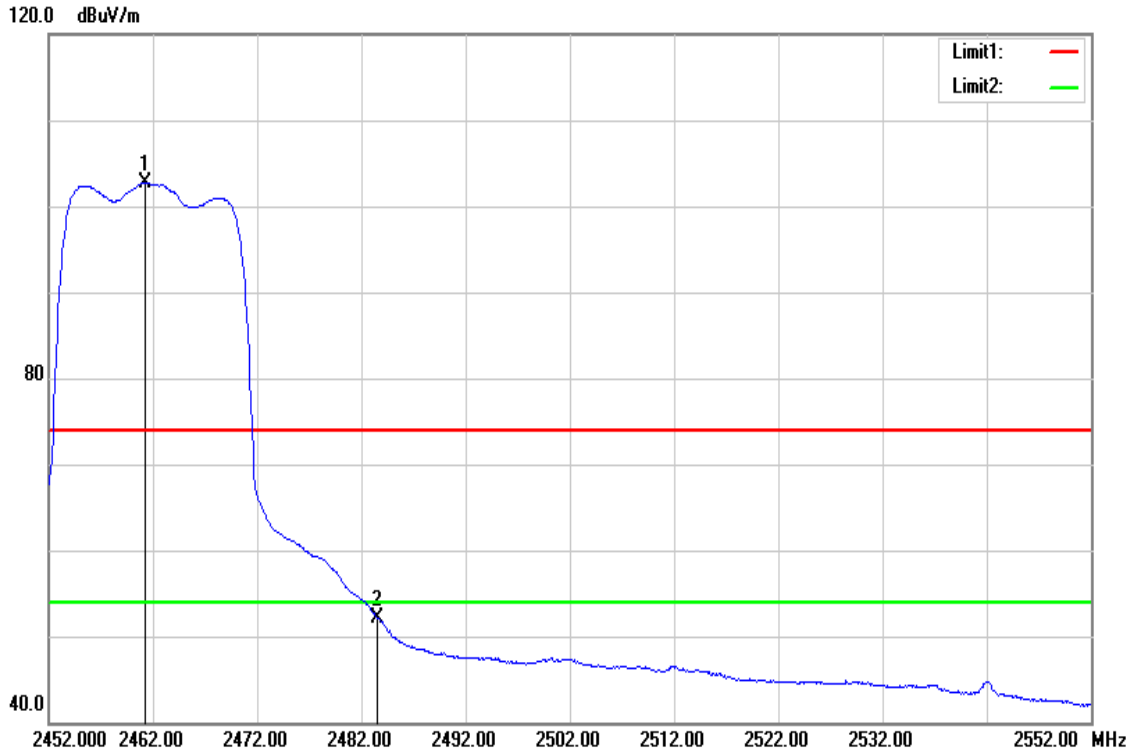
Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
2390.000	54.76	-3.13	51.63	54.00	-2.37	AVG
2411.136	106.03	-3.08	102.95	-	-	AVG

Test Mode	IEEE 802.11g High CH	Temp/Hum	22.3(℃)/ 41%RH
Test Item	Band Edge	Test Date	September 14, 2018
Polarize	Horizontal	Test Engineer	Jerry Chuang
Detector	Peak		



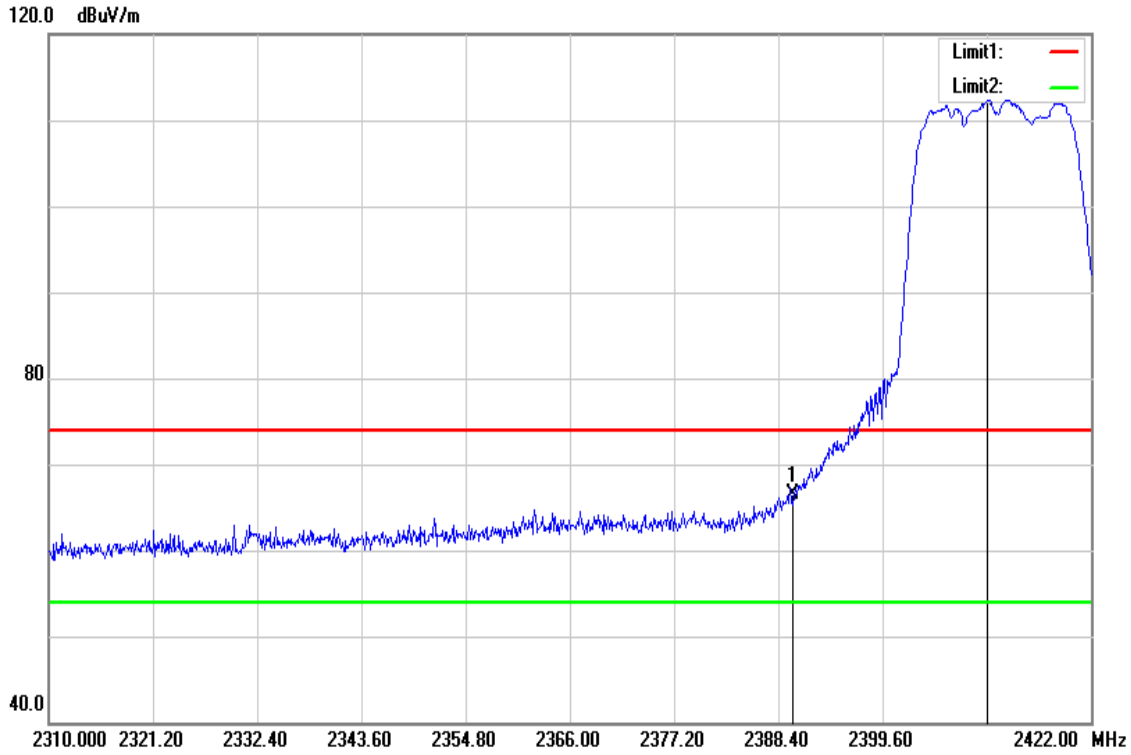
Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
2461.000	115.50	-2.84	112.66	-	-	peak
2483.500	73.47	-2.71	70.76	74.00	-3.24	peak

Test Mode	IEEE 802.11g High CH	Temperature:	22.3(℃)/ 41%RH
Test Item	Band Edge	Test Date	September 14, 2018
Polarize	Horizontal	Test Engineer	Jerry Chuang
Detector	Average		



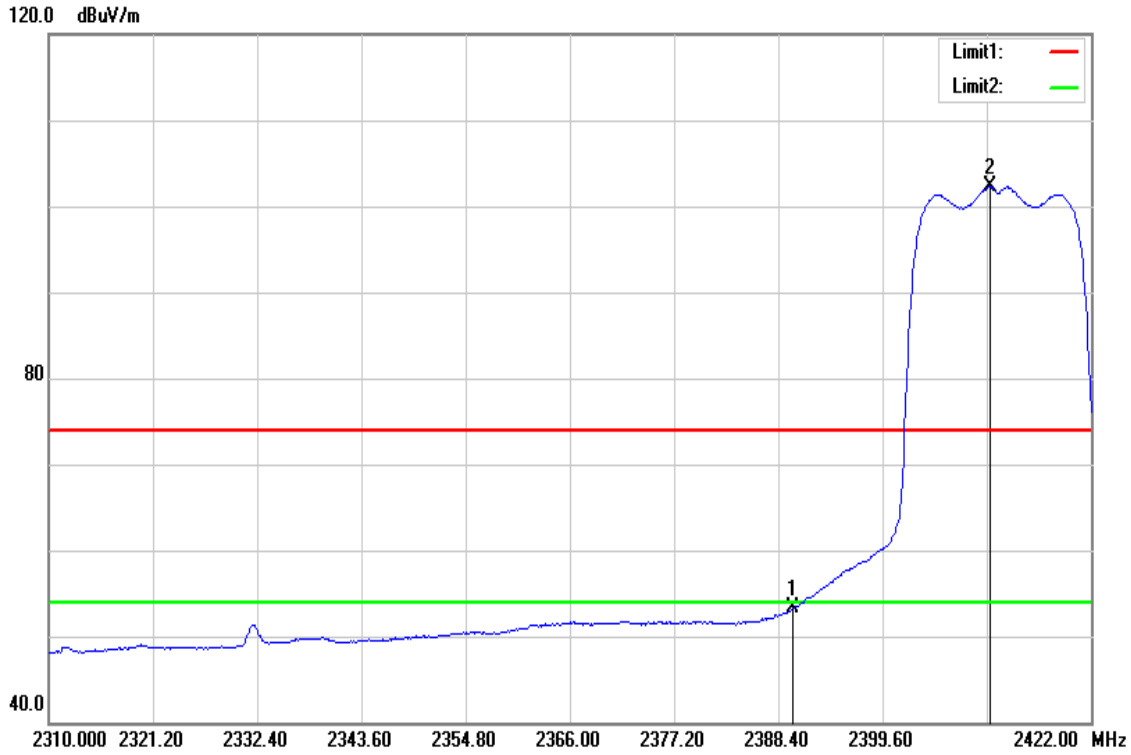
Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
2461.200	105.63	-2.84	102.79	-	-	AVG
2483.500	54.88	-2.71	52.17	54.00	-1.83	AVG

Test Mode	IEEE 802.11n HT20 Low CH	Temp/Hum	22.3(℃)/ 41%RH
Test Item	Band Edge	Test Date	September 14, 2018
Polarize	Horizontal	Test Engineer	Jerry Chuang
Detector	Peak		



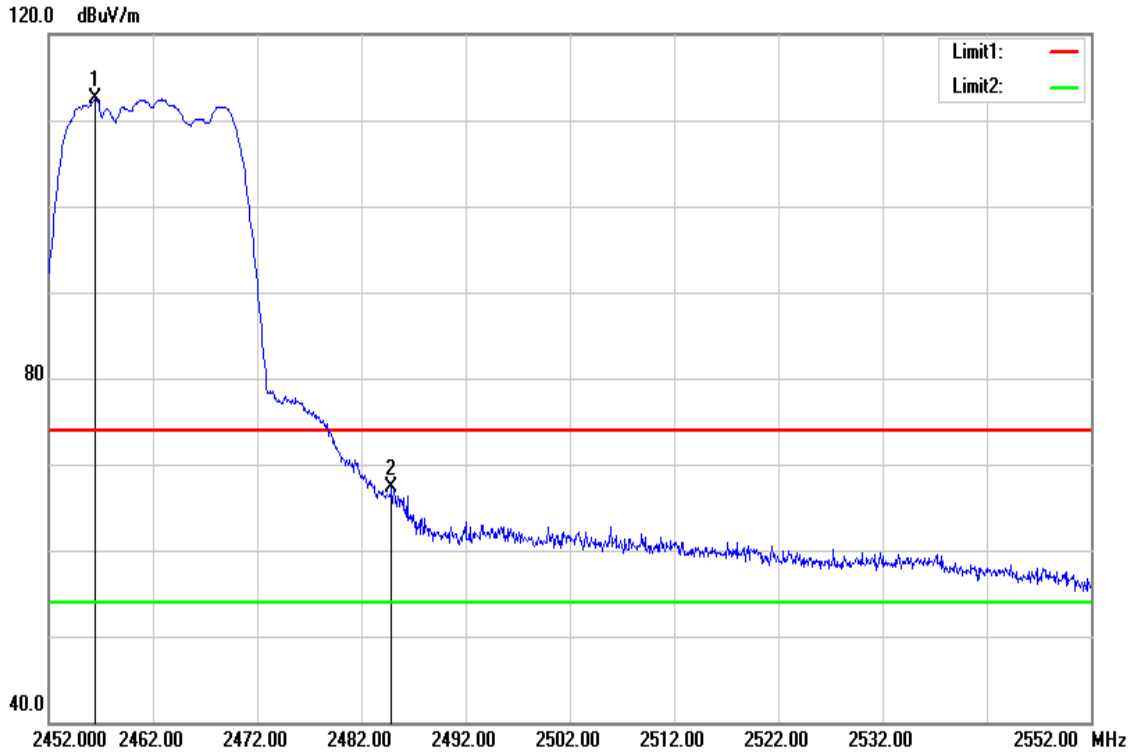
Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
2390.000	69.53	-3.13	66.40	74.00	-7.60	peak
2410.912	115.44	-3.08	112.36	-	-	peak

Test Mode	IEEE 802.11n HT20 Low CH	Temperature:	22.3(℃)/ 41%RH
Test Item	Band Edge	Test Date	September 14, 2018
Polarize	Horizontal	Test Engineer	Jerry Chuang
Detector	Average		



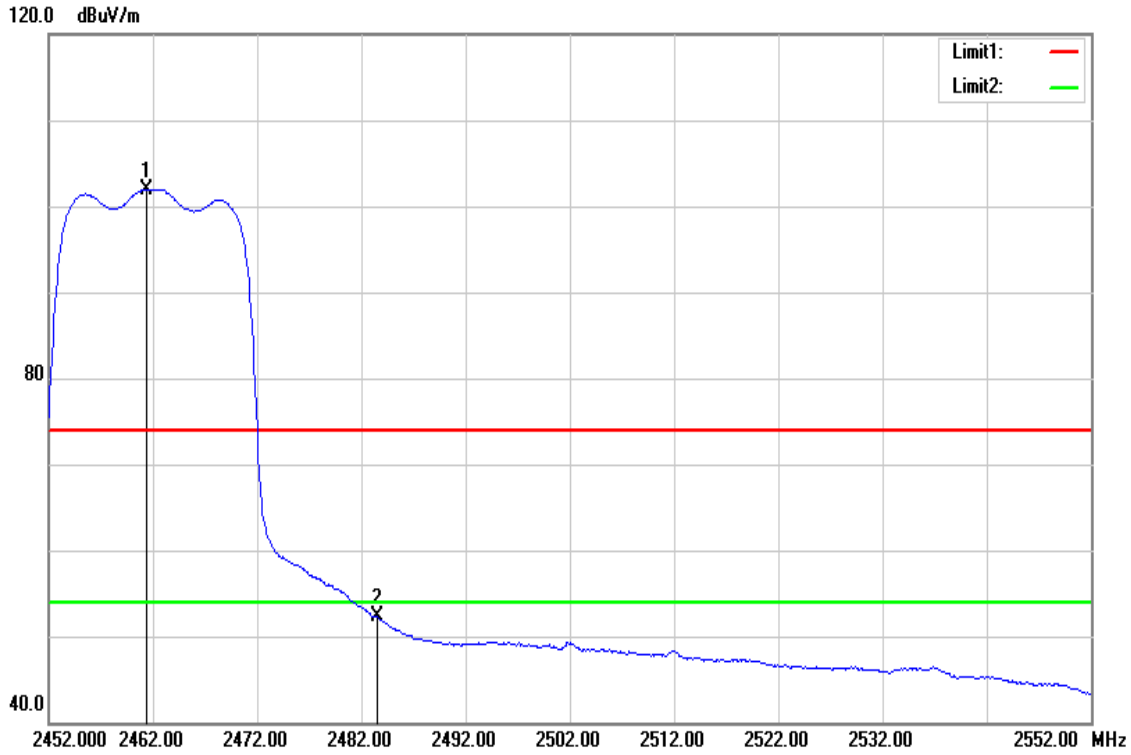
Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
2390.000	56.50	-3.13	53.37	54.00	-0.63	AVG
2411.136	105.34	-3.08	102.26	-	-	AVG

Test Mode	IEEE 802.11n HT20 High CH	Temp/Hum	22.3(℃)/ 41%RH
Test Item	Band Edge	Test Date	September 14, 2018
Polarize	Horizontal	Test Engineer	Jerry Chuang
Detector	Peak		



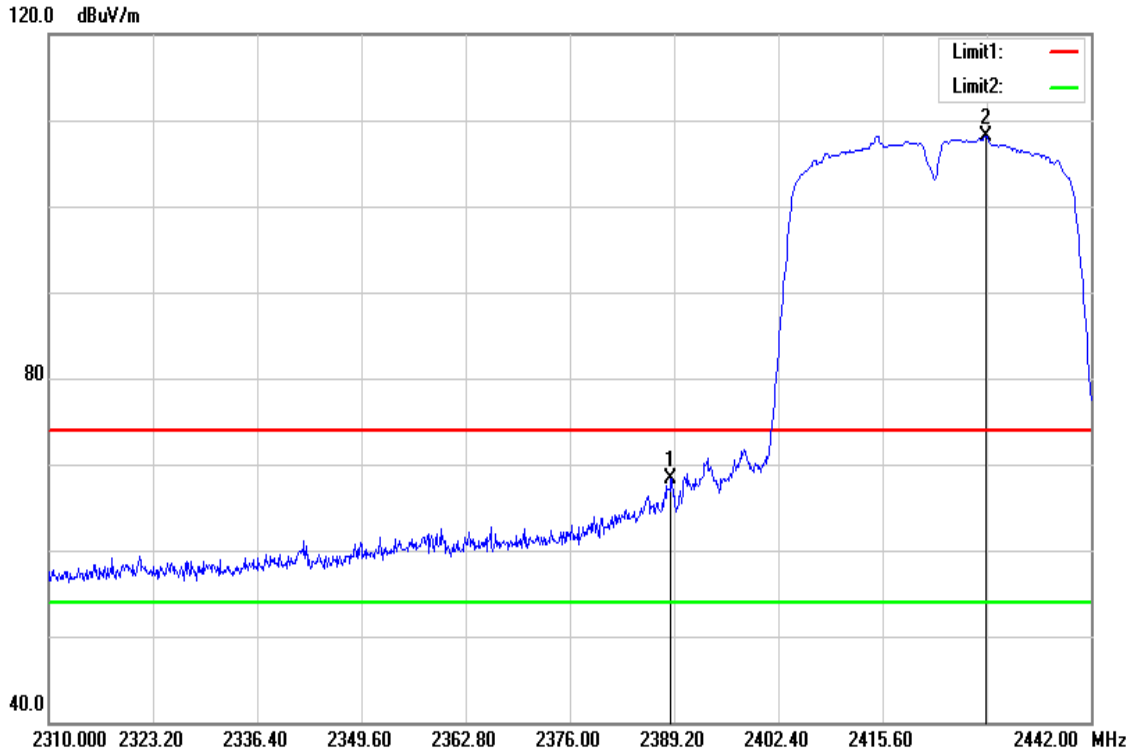
Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
2456.500	115.28	-2.85	112.43	-	-	peak
2484.900	69.97	-2.70	67.27	74.00	-6.73	peak

Test Mode	IEEE 802.11n HT20 High CH	Temperature:	22.3(℃)/ 41%RH
Test Item	Band Edge	Test Date	September 14, 2018
Polarize	Horizontal	Test Engineer	Jerry Chuang
Detector	Average		



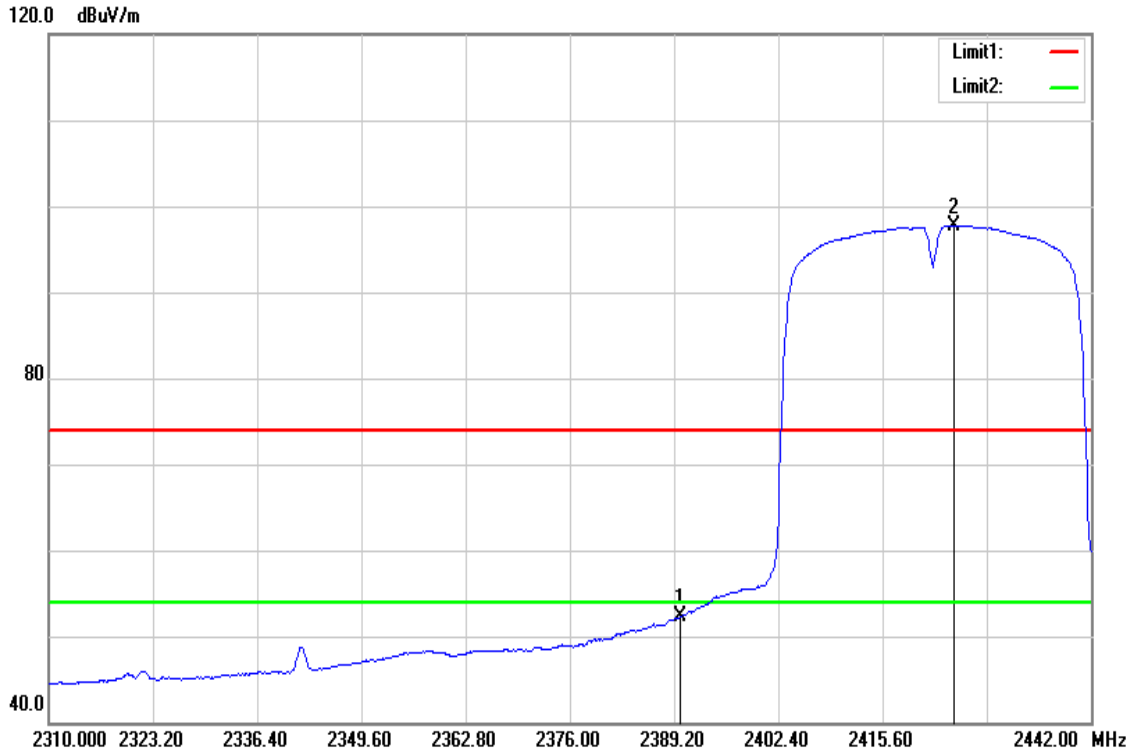
Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
2461.400	104.82	-2.84	101.98	-	-	AVG
2483.500	54.95	-2.71	52.24	54.00	-1.76	AVG

Test Mode	IEEE 802.11n HT40 Low CH	Temp/Hum	22.3(℃)/ 41%RH
Test Item	Band Edge	Test Date	September 14, 2018
Polarize	Horizontal	Test Engineer	Jerry Chuang
Detector	Peak		



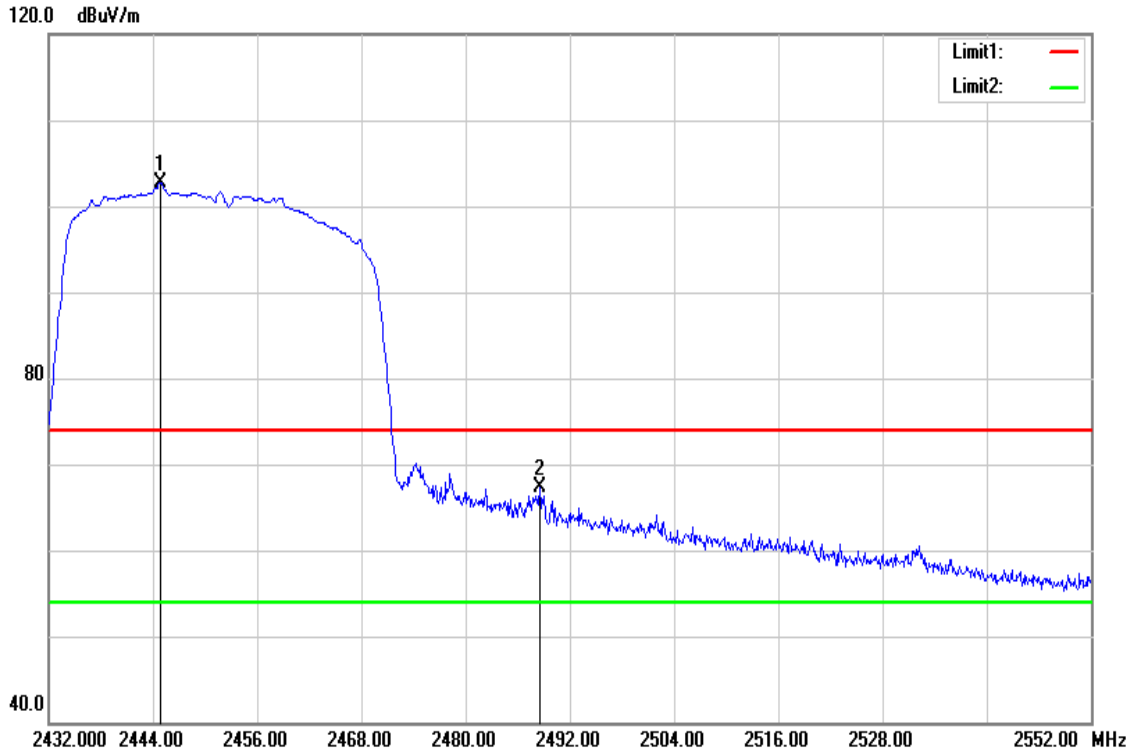
Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
2388.804	71.47	-3.13	68.34	74.00	-5.66	peak
2428.668	111.17	-2.99	108.18	-	-	peak

Test Mode	IEEE 802.11n HT40 Low CH	Temperature:	22.3(℃)/ 41%RH
Test Item	Band Edge	Test Date	September 14, 2018
Polarize	Horizontal	Test Engineer	Jerry Chuang
Detector	Average		



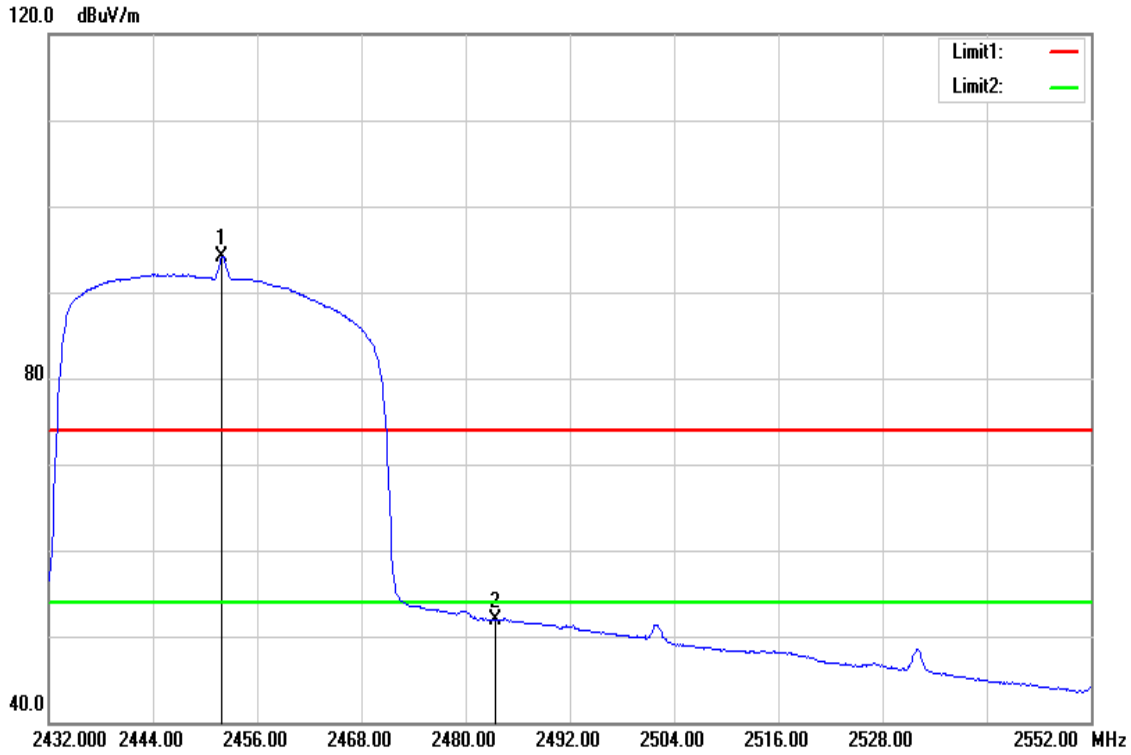
Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
2390.000	55.52	-3.13	52.39	54.00	-1.61	AVG
2424.708	100.79	-3.01	97.78	-	-	AVG

Test Mode	IEEE 802.11n HT40 High CH	Temp/Hum	22.3(℃)/ 41%RH
Test Item	Band Edge	Test Date	September 14, 2018
Polarize	Horizontal	Test Engineer	Jerry Chuang
Detector	Peak		



Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
2444.840	105.65	-2.91	102.74	-	-	peak
2488.520	70.06	-2.69	67.37	74.00	-6.63	peak

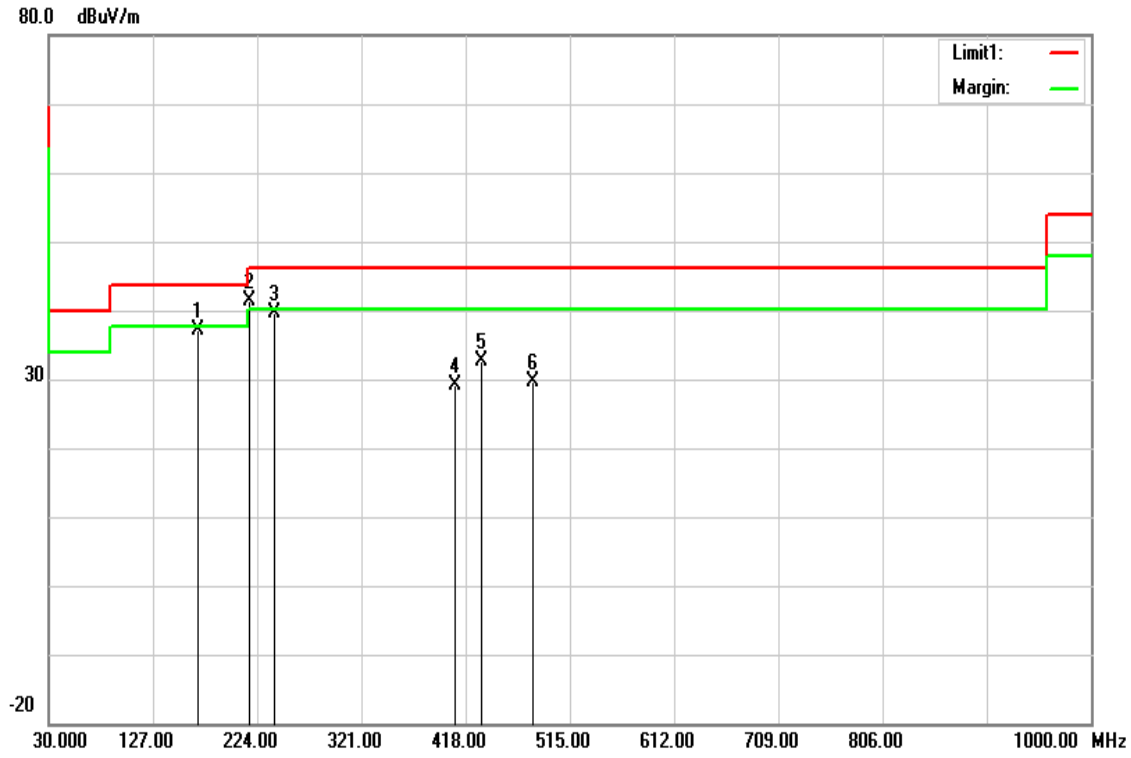
Test Mode	IEEE 802.11n HT40 High CH	Temperature:	22.3(℃)/ 41%RH
Test Item	Band Edge	Test Date	September 14, 2018
Polarize	Horizontal	Test Engineer	Jerry Chuang
Detector	Average		



Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
2451.920	97.03	-2.88	94.15	-	-	AVG
2483.500	54.65	-2.71	51.94	54.00	-2.06	AVG

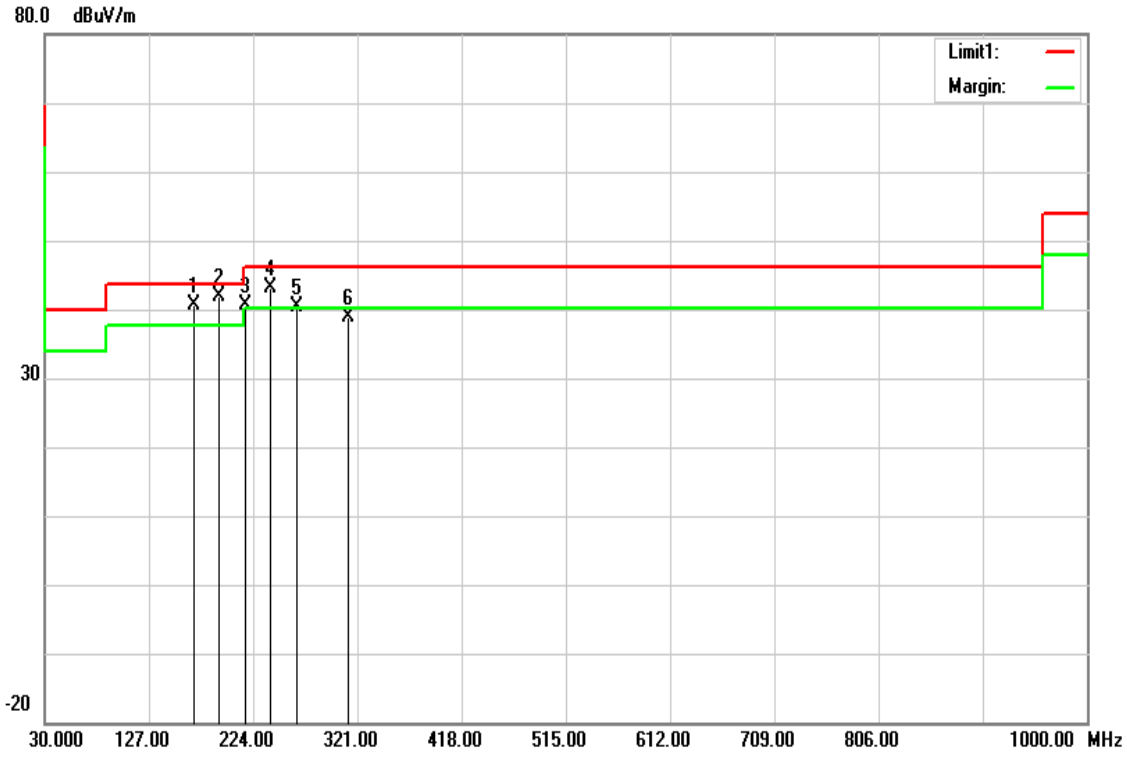
Below 1G Test Data

Test Mode	Mode 1	Temp/Hum	22.3(℃)/ 41%RH
Test Item	30MHz-1GHz	Test Date	September 17, 2018
Polarize	Vertical	Test Engineer	Jerry Chuang
Detector	Peak		



Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
168.7100	47.11	-9.95	37.16	43.52	-6.36	QP
216.2400	51.69	-10.40	41.29	46.02	-4.73	QP
240.4900	49.19	-9.64	39.55	46.02	-6.47	QP
408.3000	33.57	-4.47	29.10	46.02	-16.92	peak
432.5500	36.38	-3.69	32.69	46.02	-13.33	peak
481.0500	31.94	-2.26	29.68	46.02	-16.34	peak

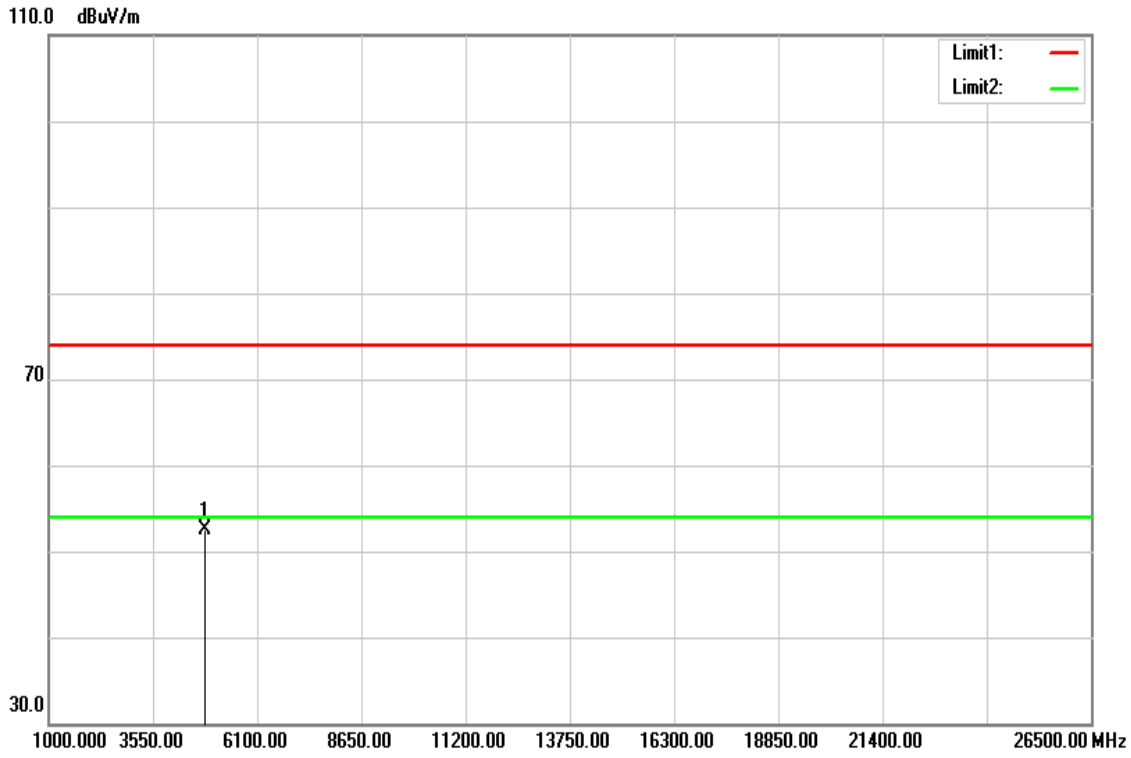
Test Mode	Mode 1	Temp/Hum	22.3(℃)/ 41%RH
Test Item	30MHz-1GHz	Test Date	September 17, 2018
Polarize	Horizontal	Test Engineer	Jerry Chuang
Detector	Peak		



Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB	Remark
168.7100	50.51	-9.95	40.56	43.52	-2.96	QP
191.9900	51.21	-9.44	41.77	43.52	-1.75	QP
216.2400	51.09	-10.40	40.69	46.02	-5.33	QP
240.4900	52.89	-9.64	43.25	46.02	-2.77	QP
264.7400	49.15	-8.71	40.44	46.02	-5.58	QP
312.2700	45.98	-7.13	38.85	46.02	-7.17	peak

Above 1G Test Data

Test Mode	IEEE 802.11b Low CH	Temp/Hum	22.3(℃)/ 41%RH
Test Item	Harmonic	Test Date	September 17, 2018
Polarize	Vertical	Test Engineer	Jerry Chuang
Detector	Peak and Average		



Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
4827.000	49.21	3.25	52.46	74.00	-21.54	peak
N/A						

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

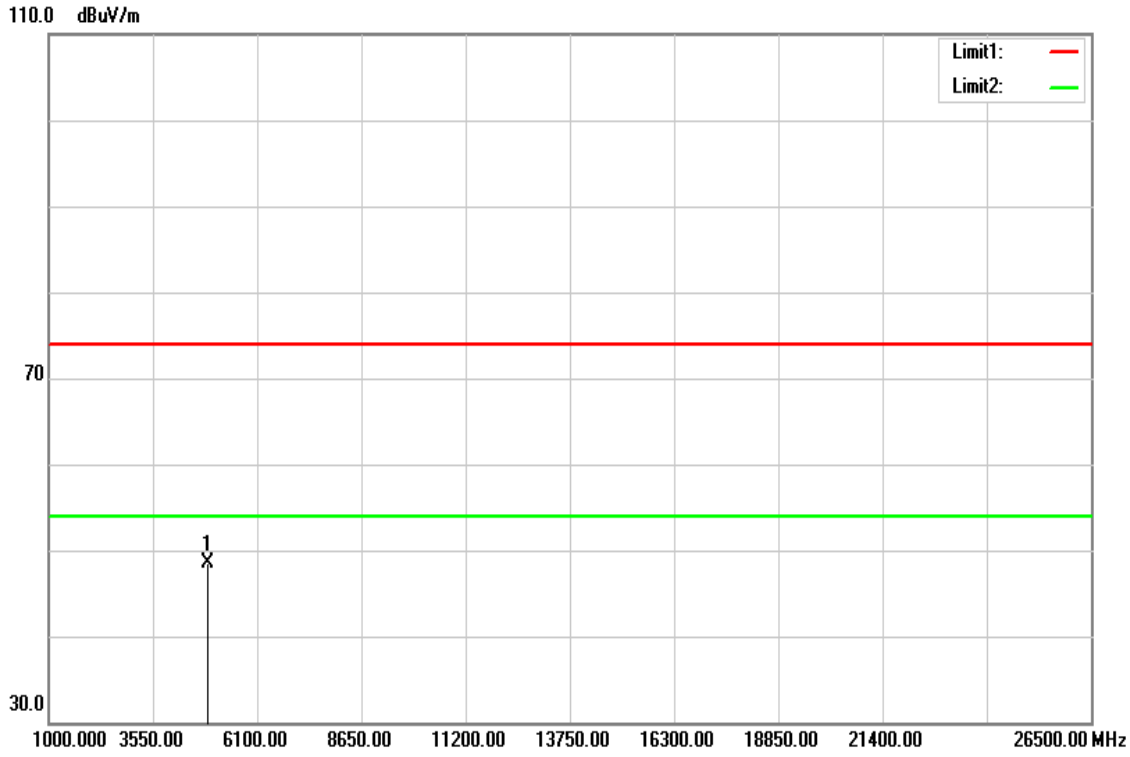
Test Mode	IEEE 802.11b Low CH	Temp/Hum	22.3(℃)/ 41%RH
Test Item	Harmonic	Test Date	September 17, 2018
Polarize	Horizontal	Test Engineer	Jerry Chuang
Detector	Peak and Average		

Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
4827.000	51.46	3.25	54.71	74.00	-19.29	peak
4827.000	49.88	3.25	53.13	54.00	-0.87	AVG
N/A						

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*

Test Mode	IEEE 802.11b Mid CH	Temp/Hum	22.3(℃)/ 41%RH
Test Item	Harmonic	Test Date	September 17, 2018
Polarize	Vertical	Test Engineer	Jerry Chuang
Detector	Peak and Average		



Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
4876.000	44.99	3.57	48.56	74.00	-25.44	peak
N/A						

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

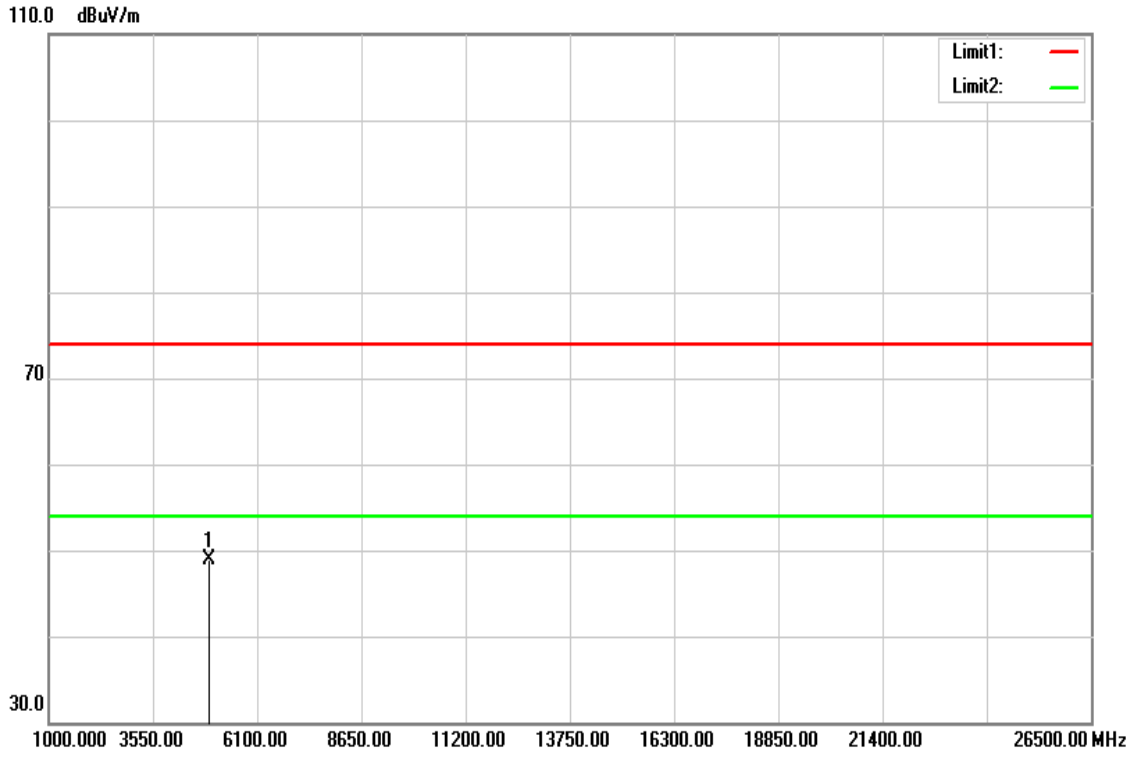
Test Mode	IEEE 802.11b Mid CH	Temp/Hum	22.3(℃)/ 41%RH
Test Item	Harmonic	Test Date	September 17, 2018
Polarize	Horizontal	Test Engineer	Jerry Chuang
Detector	Peak and Average		

Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
4876.000	51.20	3.57	54.77	74.00	-19.23	peak
4876.000	49.75	3.57	53.32	54.00	-0.68	AVG
N/A						

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*

Test Mode	IEEE 802.11b High CH	Temp/Hum	22.3(℃)/ 41%RH
Test Item	Harmonic	Test Date	September 17, 2018
Polarize	Vertical	Test Engineer	Jerry Chuang
Detector	Peak and Average		



Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
4925.000	45.10	3.90	49.00	74.00	-25.00	peak
N/A						

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

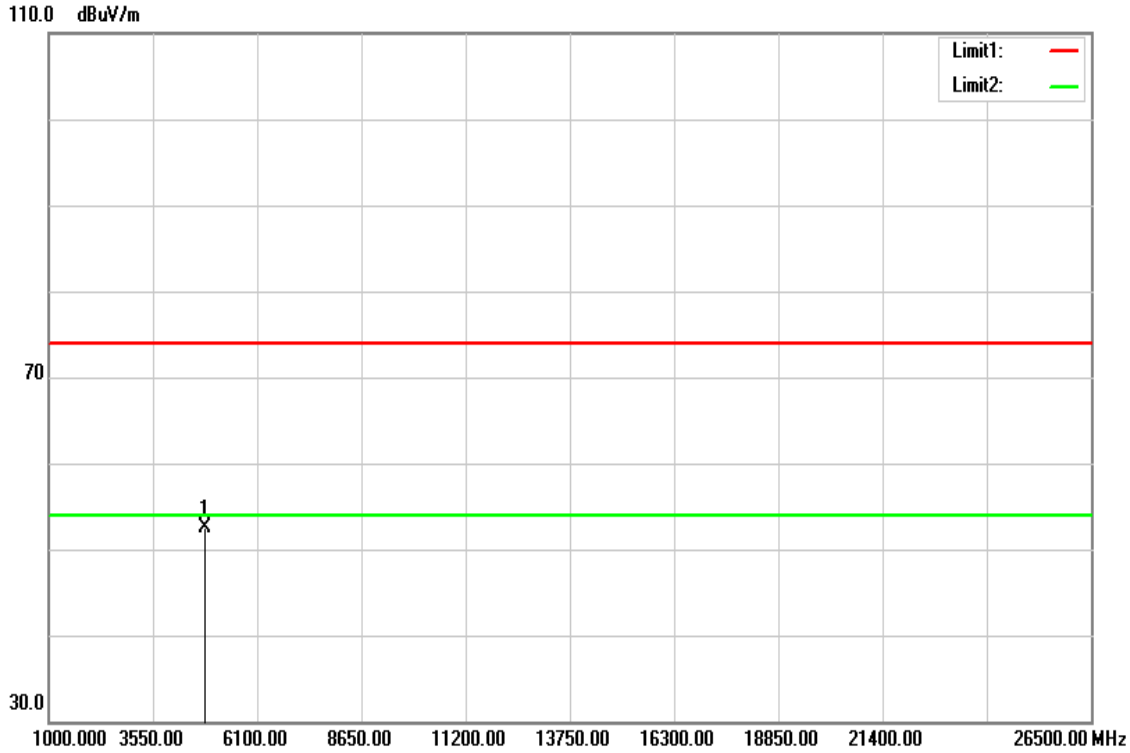
Test Mode	IEEE 802.11b High CH	Temp/Hum	22.3(℃)/ 41%RH
Test Item	Harmonic	Test Date	September 17, 2018
Polarize	Horizontal	Test Engineer	Jerry Chuang
Detector	Peak and Average		

Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
4925.000	50.69	3.90	54.59	74.00	-19.41	peak
4925.000	49.74	3.90	53.64	54.00	-0.36	AVG
N/A						

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*

Test Mode	IEEE 802.11g Low CH	Temp/Hum	22.3(℃)/ 41%RH
Test Item	Harmonic	Test Date	September 17, 2018
Polarize	Vertical	Test Engineer	Jerry Chuang
Detector	Peak and Average		

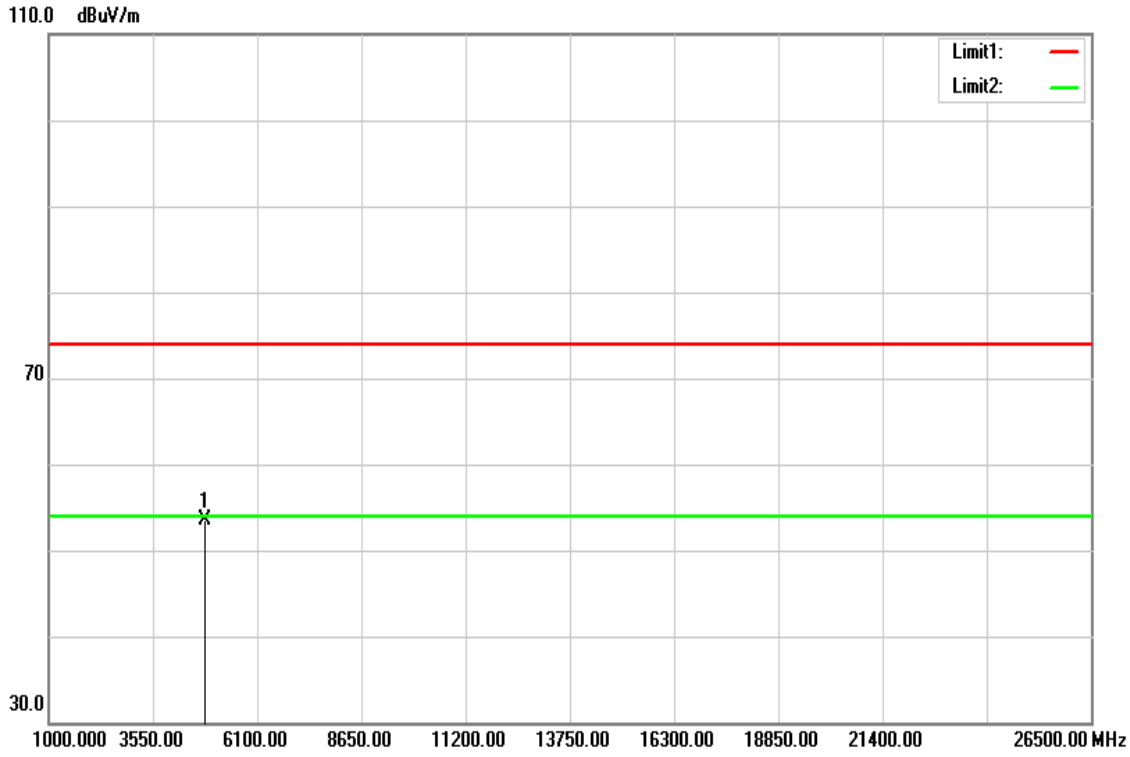


Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
4827.000	49.20	3.25	52.45	74.00	-21.55	peak
N/A						

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

Test Mode	IEEE 802.11g Low CH	Temp/Hum	22.3(℃)/ 41%RH
Test Item	Harmonic	Test Date	September 17, 2018
Polarize	Horizontal	Test Engineer	Jerry Chuang
Detector	Peak and Average		

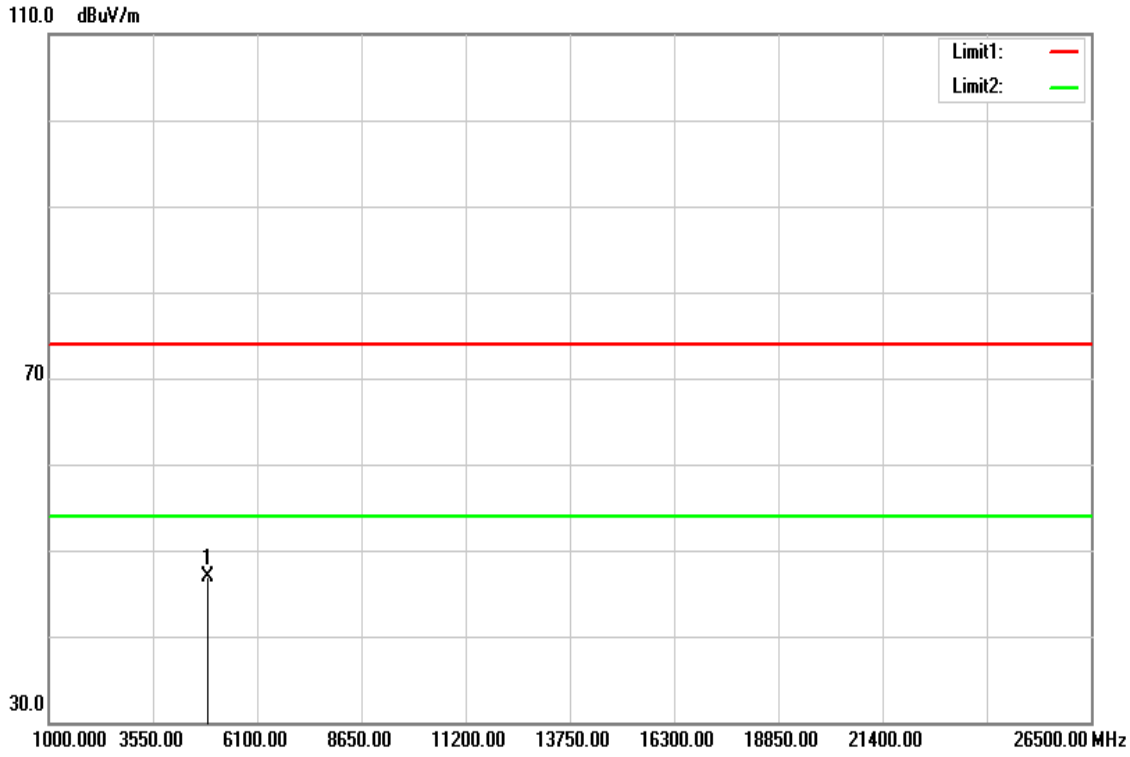


Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
4827.000	50.29	3.25	53.54	74.00	-20.46	peak
N/A						

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

Test Mode	IEEE 802.11g Mid CH	Temp/Hum	22.3(℃)/ 41%RH
Test Item	Harmonic	Test Date	September 17, 2018
Polarize	Vertical	Test Engineer	Jerry Chuang
Detector	Peak and Average		

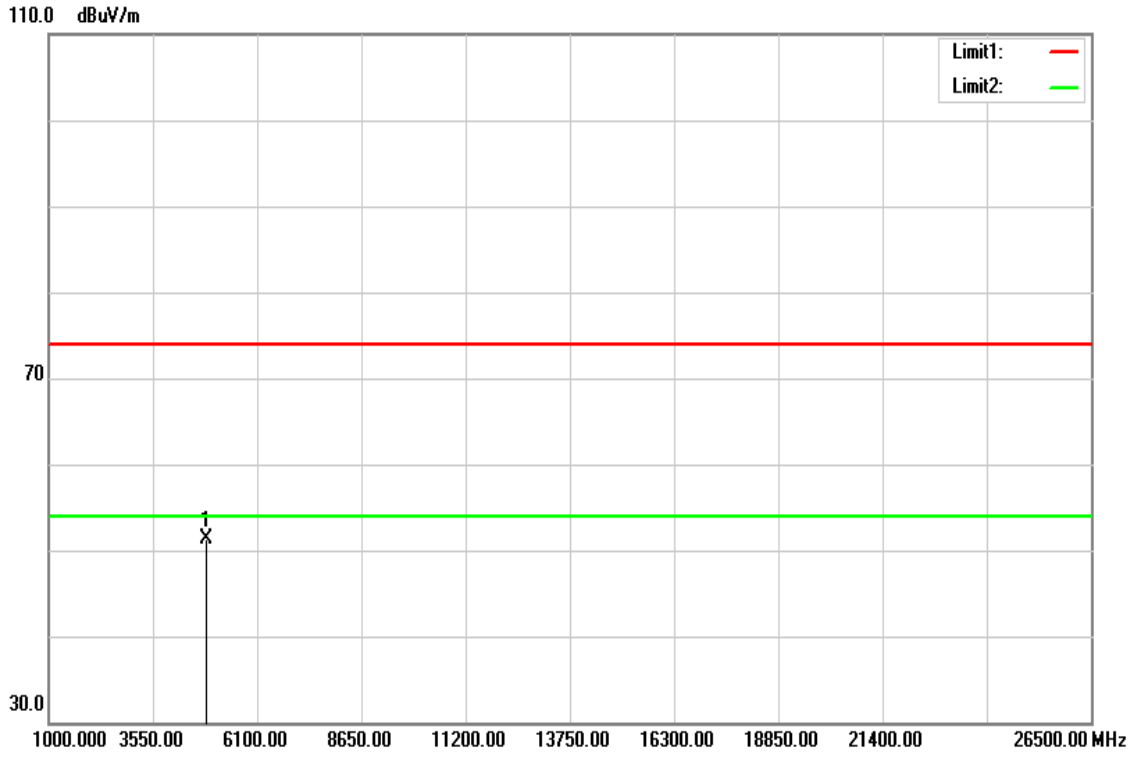


Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
4876.000	43.33	3.57	46.90	74.00	-27.10	peak
N/A						

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

Test Mode	IEEE 802.11g Mid CH	Temp/Hum	22.3(℃)/ 41%RH
Test Item	Harmonic	Test Date	September 17, 2018
Polarize	Horizontal	Test Engineer	Jerry Chuang
Detector	Peak and Average		

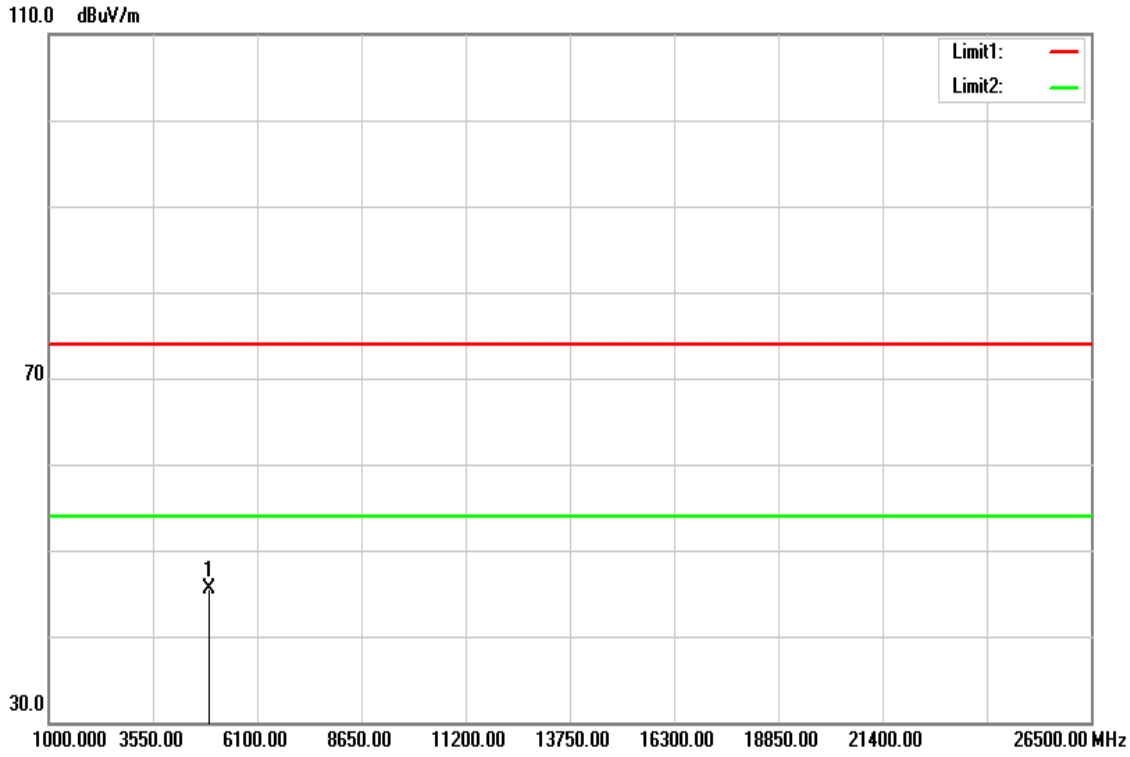


Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
4869.000	47.81	3.53	51.34	74.00	-22.66	peak
N/A						

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

Test Mode	IEEE 802.11g High CH	Temp/Hum	22.3(℃)/ 41%RH
Test Item	Harmonic	Test Date	September 17, 2018
Polarize	Vertical	Test Engineer	Jerry Chuang
Detector	Peak and Average		



Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
4925.000	41.59	3.90	45.49	74.00	-28.51	peak
N/A						

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

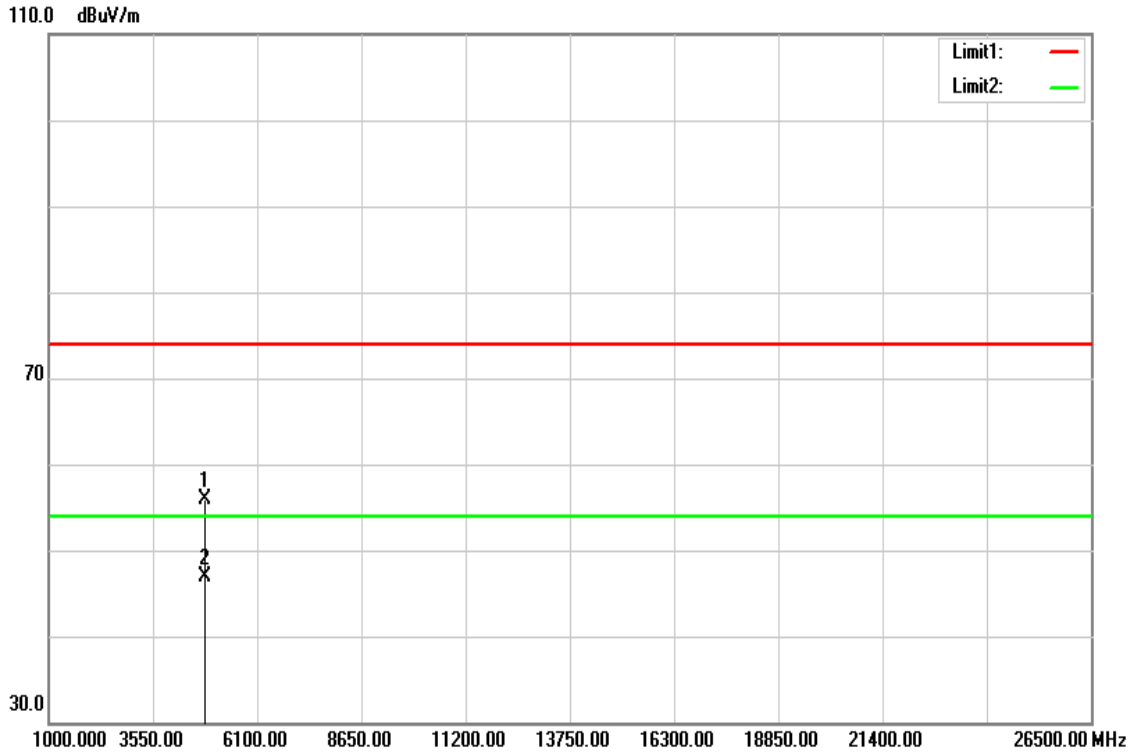
Test Mode	IEEE 802.11g High CH	Temp/Hum	22.3(℃)/ 41%RH
Test Item	Harmonic	Test Date	September 17, 2018
Polarize	Horizontal	Test Engineer	Jerry Chuang
Detector	Peak and Average		

Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
4925.000	47.36	3.90	51.26	74.00	-22.74	peak
N/A						

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

Test Mode	IEEE 802.11n HT20 Low CH	Temp/Hum	22.3(℃)/ 41%RH
Test Item	Harmonic	Test Date	September 17, 2018
Polarize	Vertical	Test Engineer	Jerry Chuang
Detector	Peak and Average		

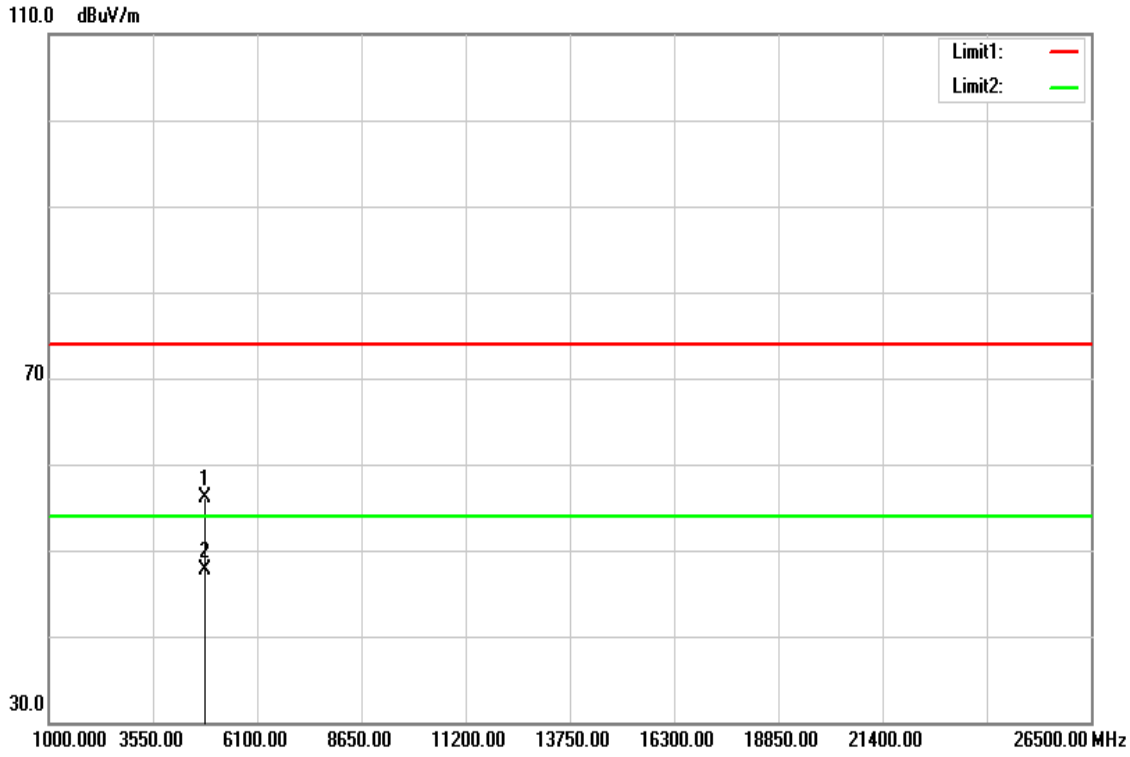


Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
4827.000	52.61	3.25	55.86	74.00	-18.14	peak
4827.000	43.60	3.25	46.85	54.00	-7.15	AVG
N/A						

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*

Test Mode	IEEE 802.11n HT20 Low CH	Temp/Hum	22.3(℃)/ 41%RH
Test Item	Harmonic	Test Date	September 17, 2018
Polarize	Horizontal	Test Engineer	Jerry Chuang
Detector	Peak and Average		

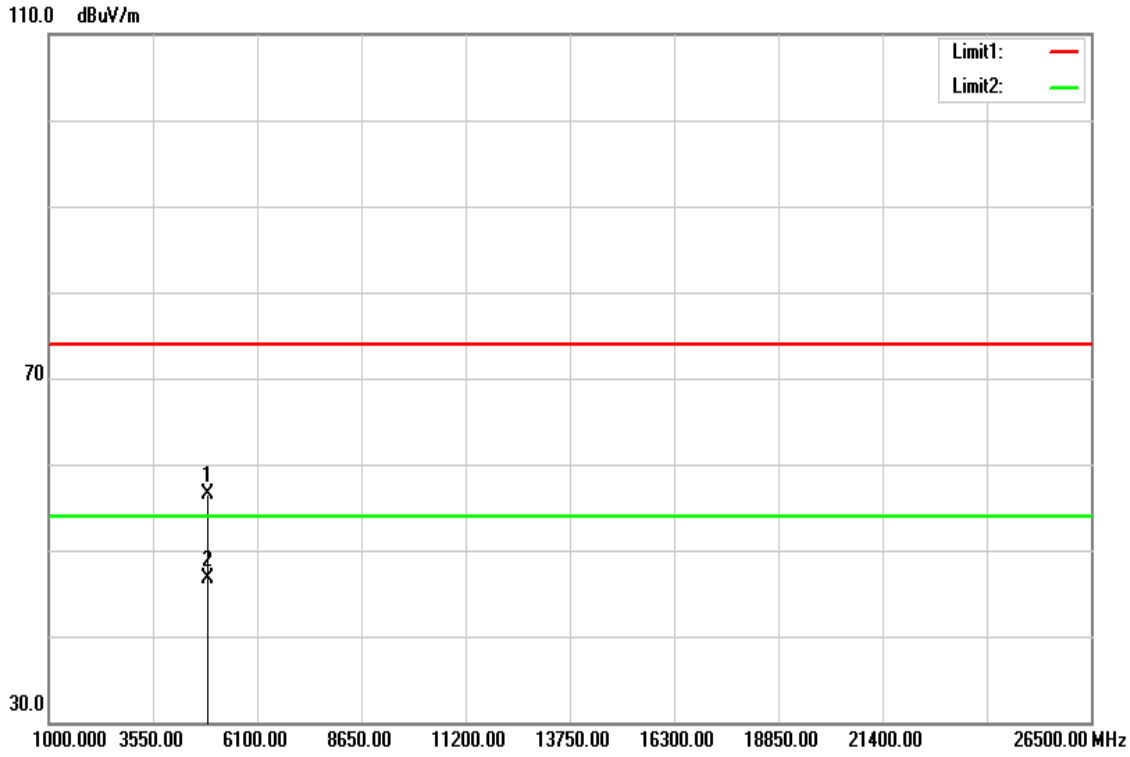


Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
4820.000	52.89	3.20	56.09	74.00	-17.91	peak
4820.000	44.48	3.20	47.68	54.00	-6.32	AVG
N/A						

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*

Test Mode	IEEE 802.11n HT20 Mid CH	Temp/Hum	22.3(℃)/ 41%RH
Test Item	Harmonic	Test Date	September 17, 2018
Polarize	Vertical	Test Engineer	Jerry Chuang
Detector	Peak and Average		

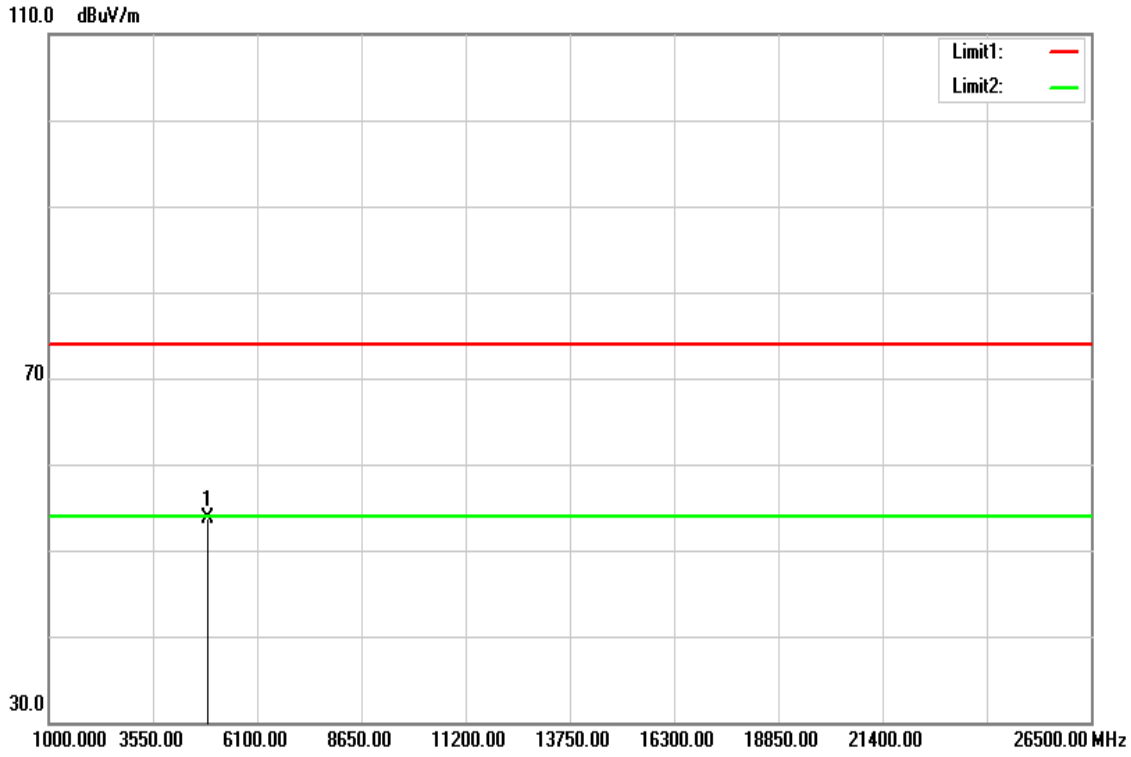


Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
4876.000	52.90	3.57	56.47	74.00	-17.53	peak
4876.000	43.21	3.57	46.78	54.00	-7.22	AVG
N/A						

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*

Test Mode	IEEE 802.11n HT20 Mid CH	Temp/Hum	22.3(℃)/ 41%RH
Test Item	Harmonic	Test Date	September 17, 2018
Polarize	Horizontal	Test Engineer	Jerry Chuang
Detector	Peak and Average		

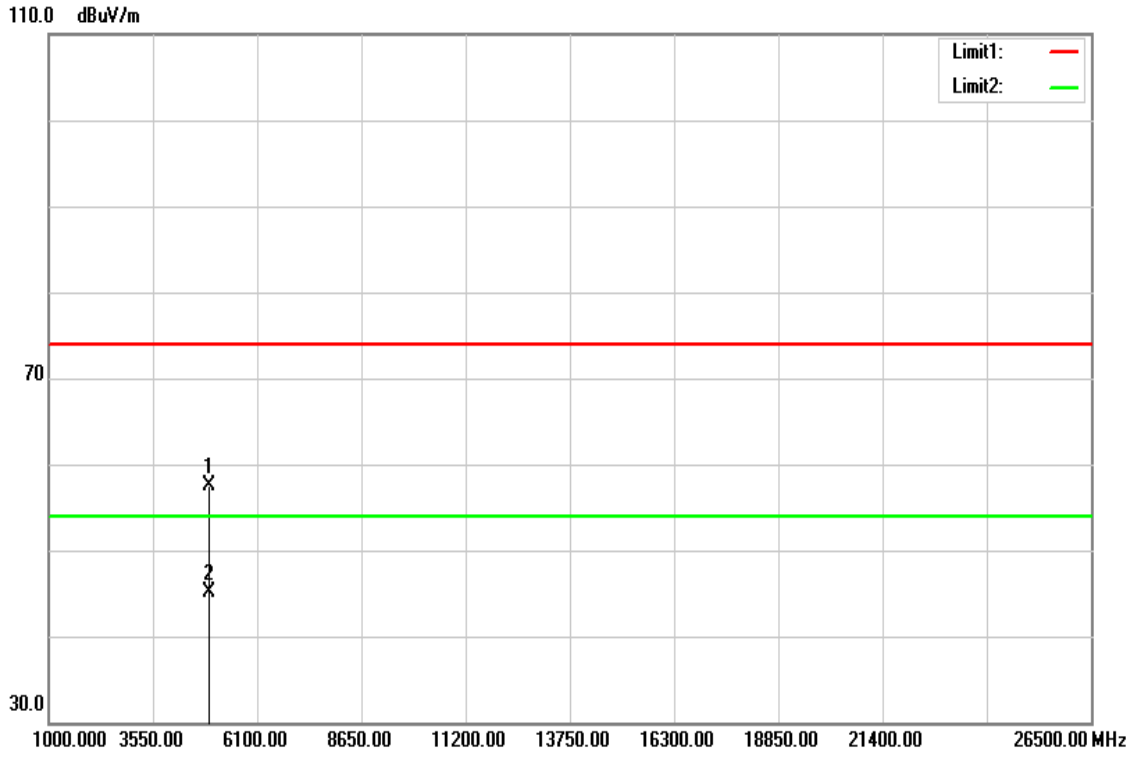


Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
4876.000	50.11	3.57	53.68	74.00	-20.32	peak
N/A						

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

Test Mode	IEEE 802.11n HT20 High CH	Temp/Hum	22.3(℃)/ 41%RH
Test Item	Harmonic	Test Date	September 17, 2018
Polarize	Vertical	Test Engineer	Jerry Chuang
Detector	Peak and Average		

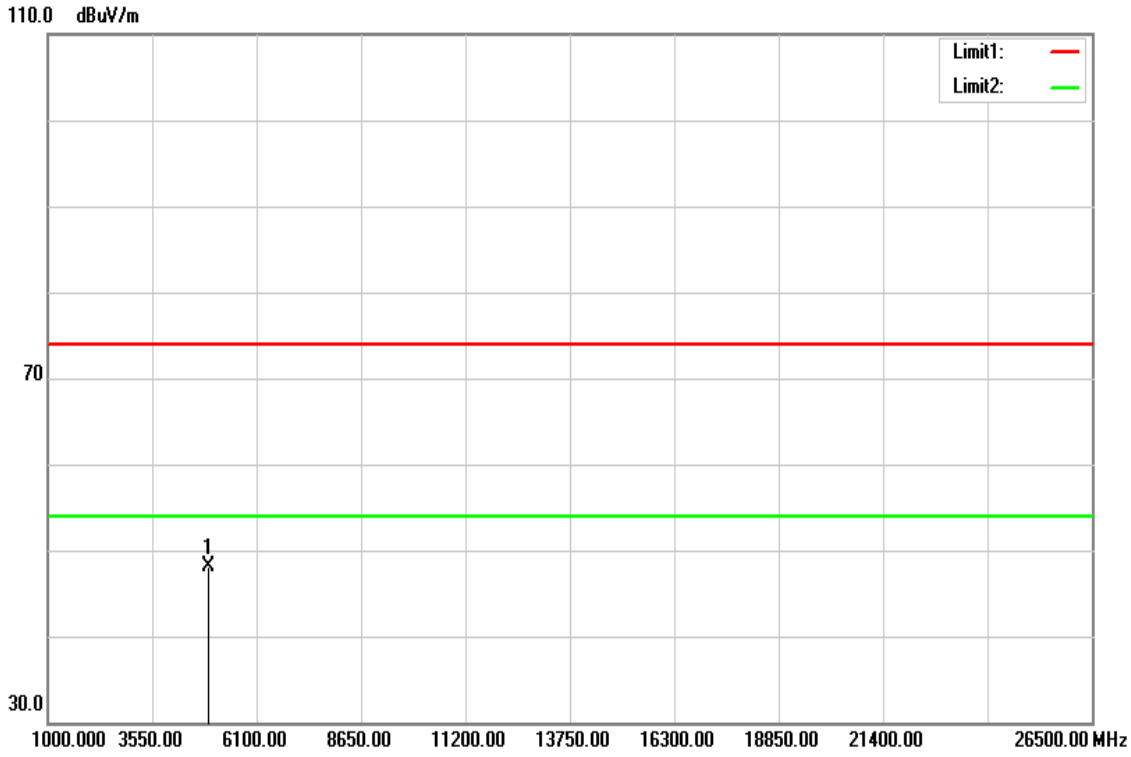


Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
4925.000	53.62	3.90	57.52	74.00	-16.48	peak
4925.000	41.25	3.90	45.15	54.00	-8.85	AVG
N/A						

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*

Test Mode	IEEE 802.11n HT20 High CH	Temp/Hum	22.3(℃)/ 41%RH
Test Item	Harmonic	Test Date	September 17, 2018
Polarize	Horizontal	Test Engineer	Jerry Chuang
Detector	Peak and Average		

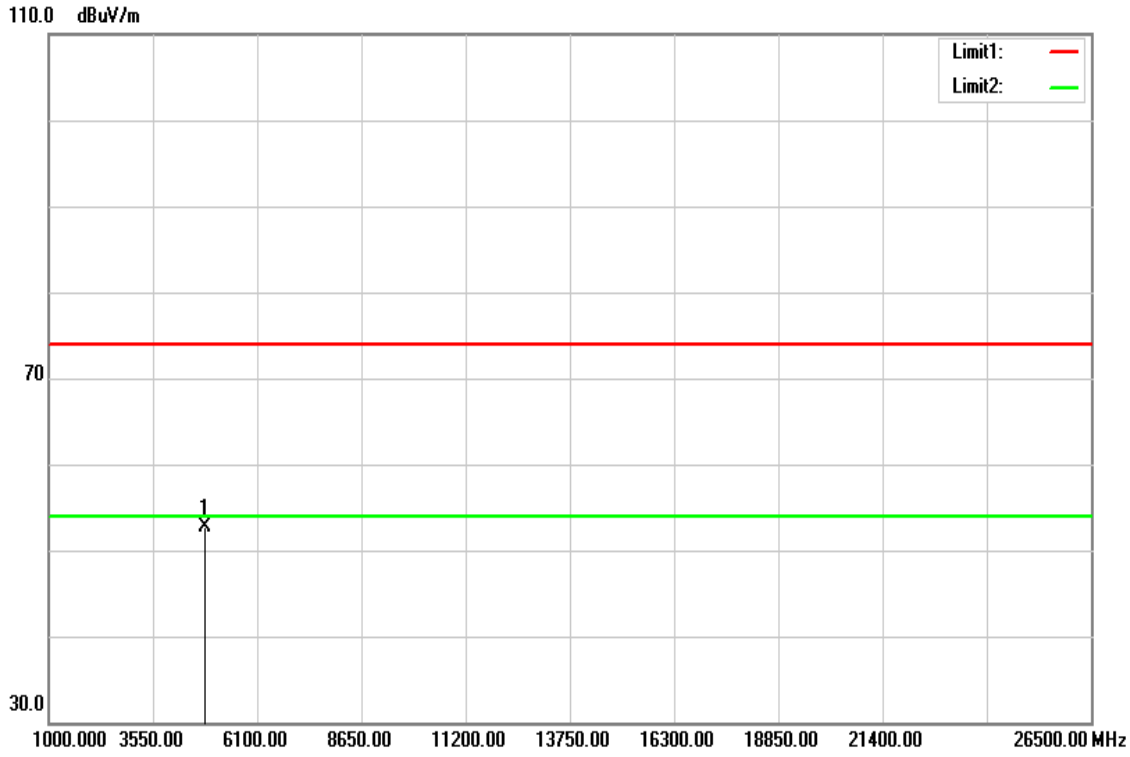


Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
4918.000	43.53	4.55	48.08	74.00	-25.92	peak
N/A						

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

Test Mode	IEEE 802.11n HT40 Low CH	Temp/Hum	22.3(℃)/ 41%RH
Test Item	Harmonic	Test Date	September 17, 2018
Polarize	Vertical	Test Engineer	Jerry Chuang
Detector	Peak and Average		

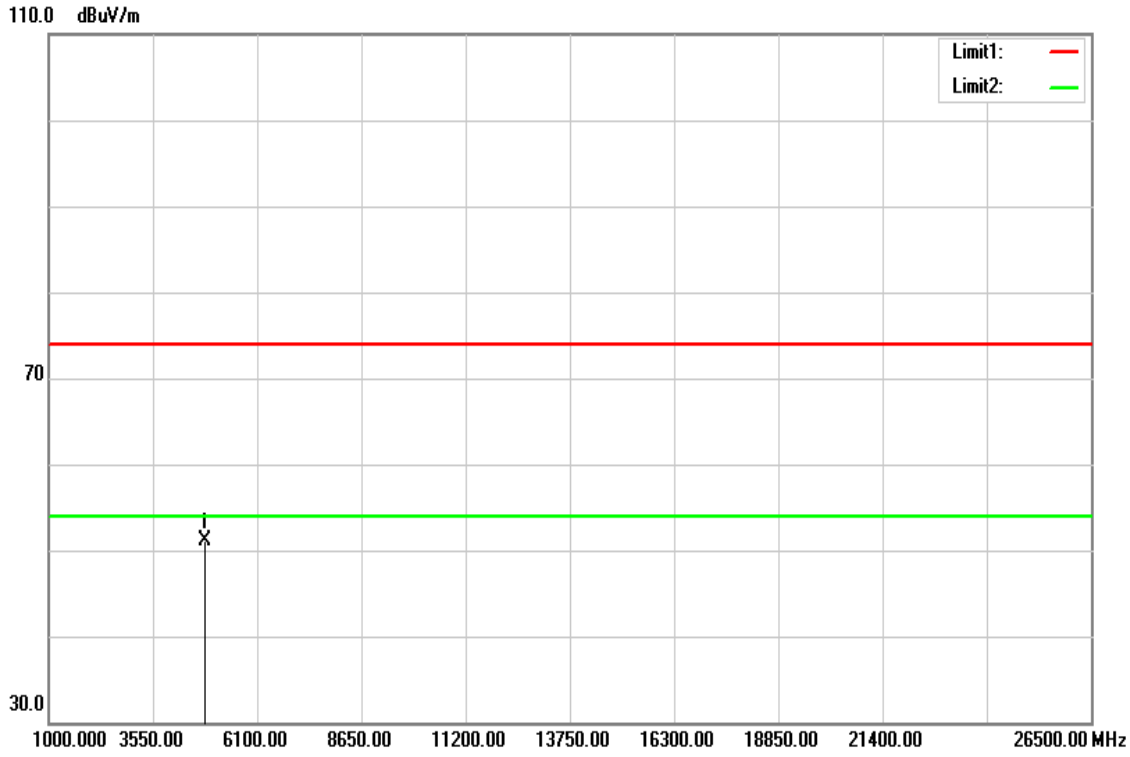


Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
4841.000	49.45	3.35	52.80	74.00	-21.20	peak
N/A						

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz,the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

Test Mode	IEEE 802.11n HT40 Low CH	Temp/Hum	22.3(℃)/ 41%RH
Test Item	Harmonic	Test Date	September 17, 2018
Polarize	Horizontal	Test Engineer	Jerry Chuang
Detector	Peak and Average		

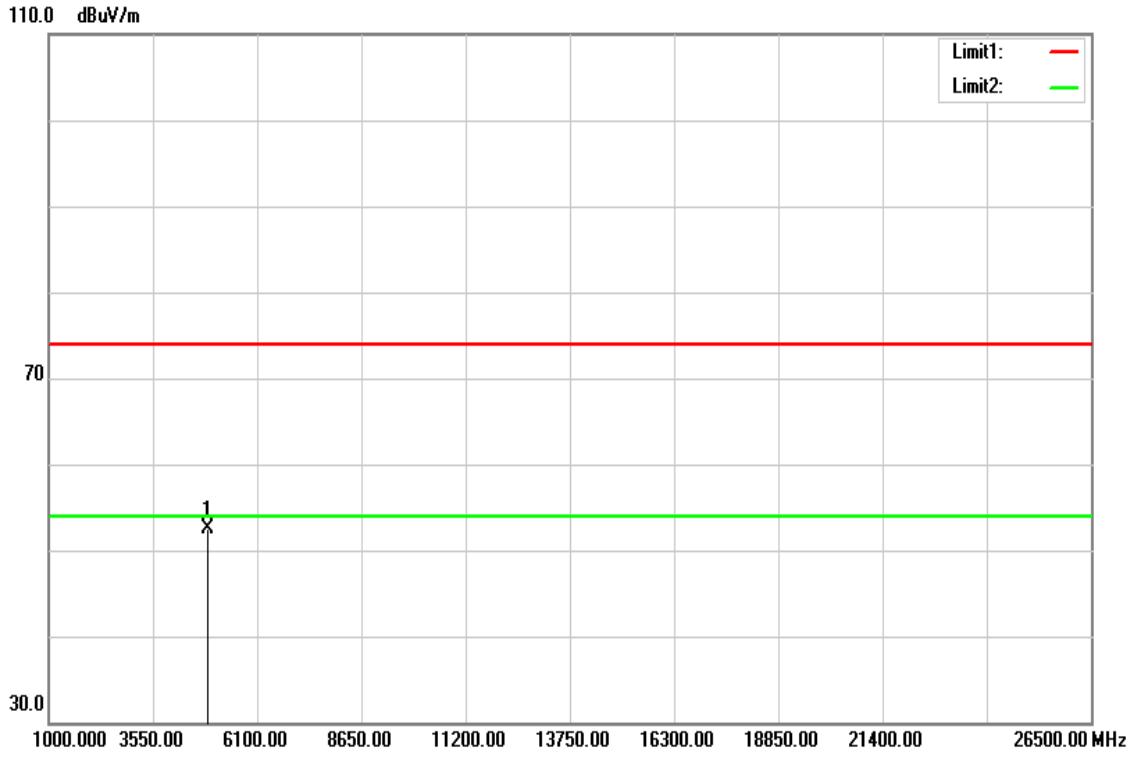


Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
4841.000	47.74	3.35	51.09	74.00	-22.91	peak
N/A						

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

Test Mode	IEEE 802.11n HT40 Mid CH	Temp/Hum	22.3(℃)/ 41%RH
Test Item	Harmonic	Test Date	September 17, 2018
Polarize	Vertical	Test Engineer	Jerry Chuang
Detector	Peak and Average		

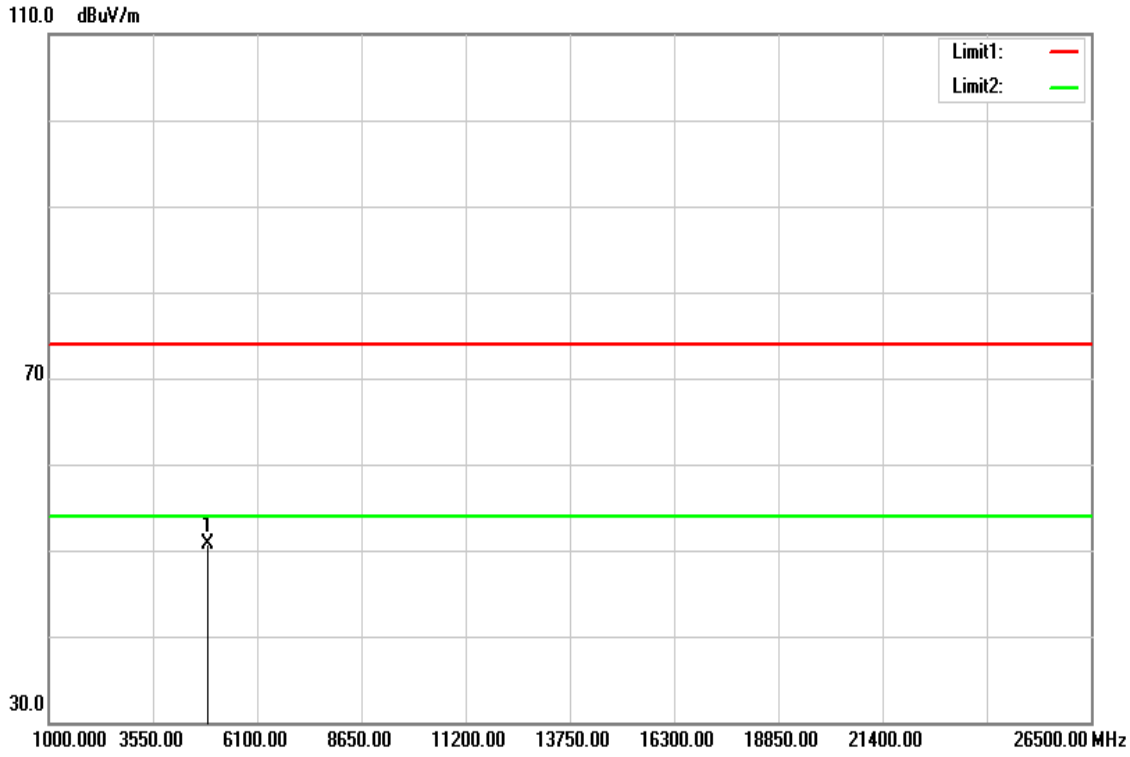


Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
4876.000	48.86	3.57	52.43	74.00	-21.57	peak
N/A						

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

Test Mode	IEEE 802.11n HT40 Mid CH	Temp/Hum	22.3(℃)/ 41%RH
Test Item	Harmonic	Test Date	September 17, 2018
Polarize	Horizontal	Test Engineer	Jerry Chuang
Detector	Peak and Average		

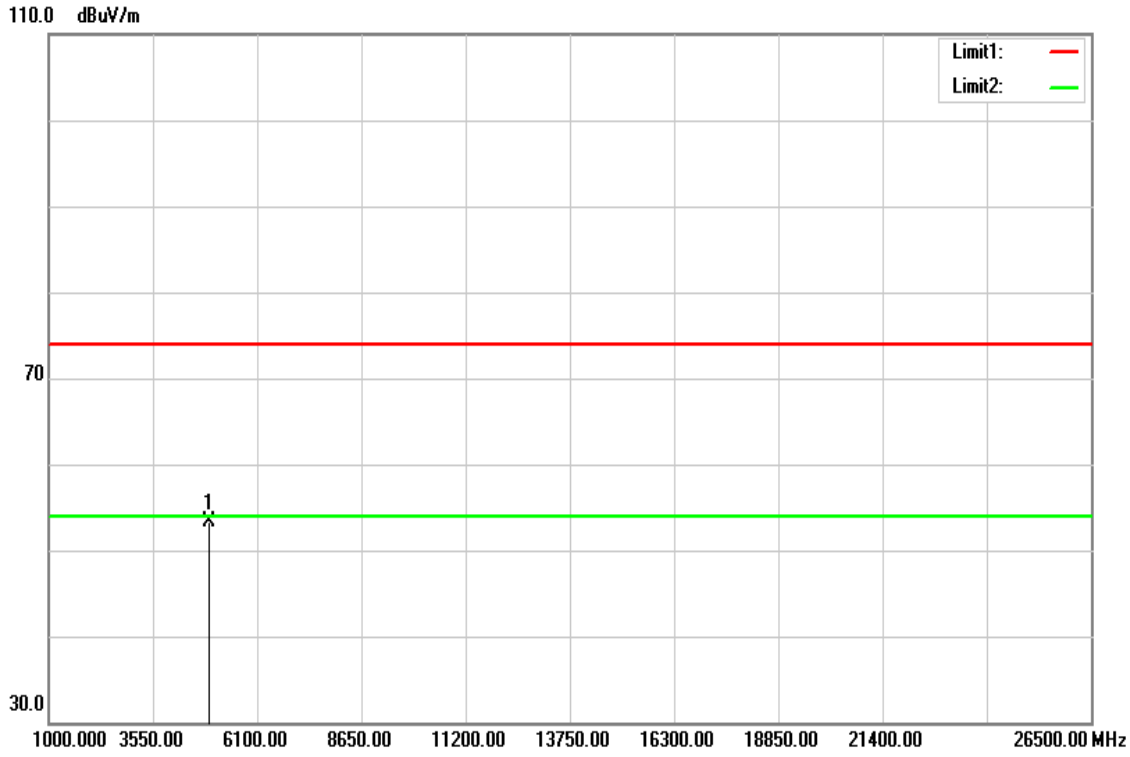


Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
4883.000	47.05	3.62	50.67	74.00	-23.33	peak
N/A						

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

Test Mode	IEEE 802.11n HT40 High CH	Temp/Hum	22.3(℃)/ 41%RH
Test Item	Harmonic	Test Date	September 17, 2018
Polarize	Vertical	Test Engineer	Jerry Chuang
Detector	Peak and Average		

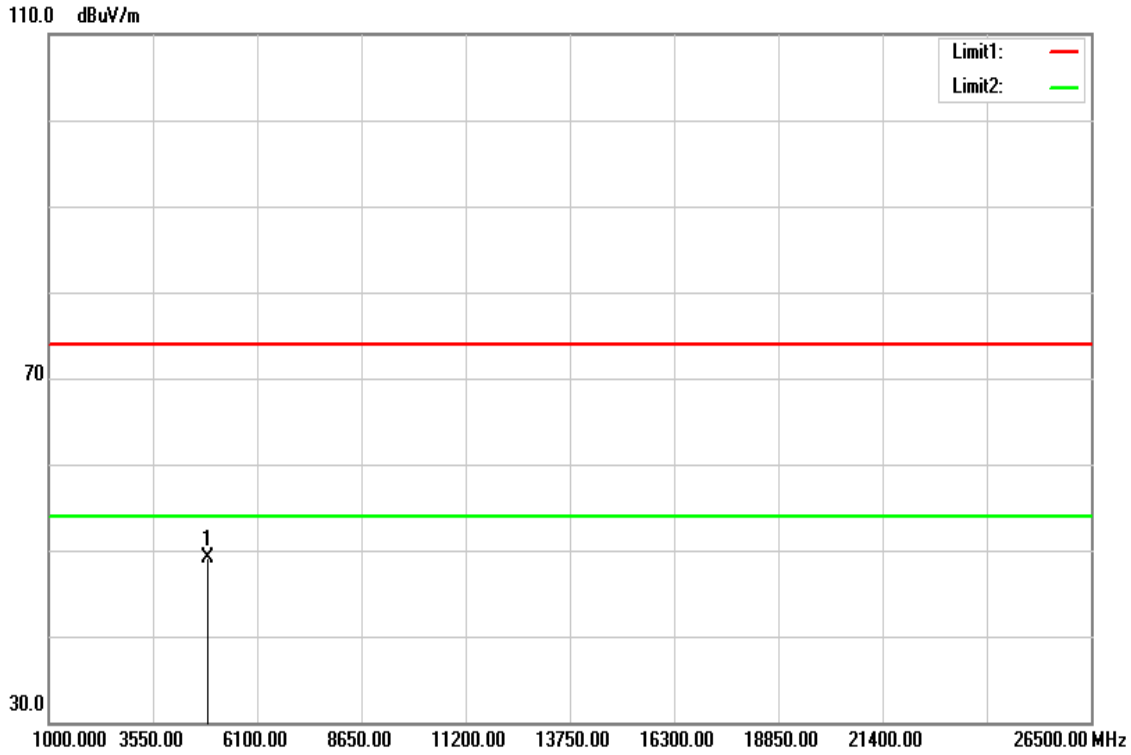


Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
4911.000	49.46	3.81	53.27	74.00	-20.73	peak
N/A						

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

Test Mode	IEEE 802.11n HT40 High CH	Temp/Hum	22.3(℃)/ 41%RH
Test Item	Harmonic	Test Date	September 17, 2018
Polarize	Horizontal	Test Engineer	Jerry Chuang
Detector	Peak and Average		



Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
4904.000	45.42	3.75	49.17	74.00	-24.83	peak
N/A						

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit*

--End of Report--