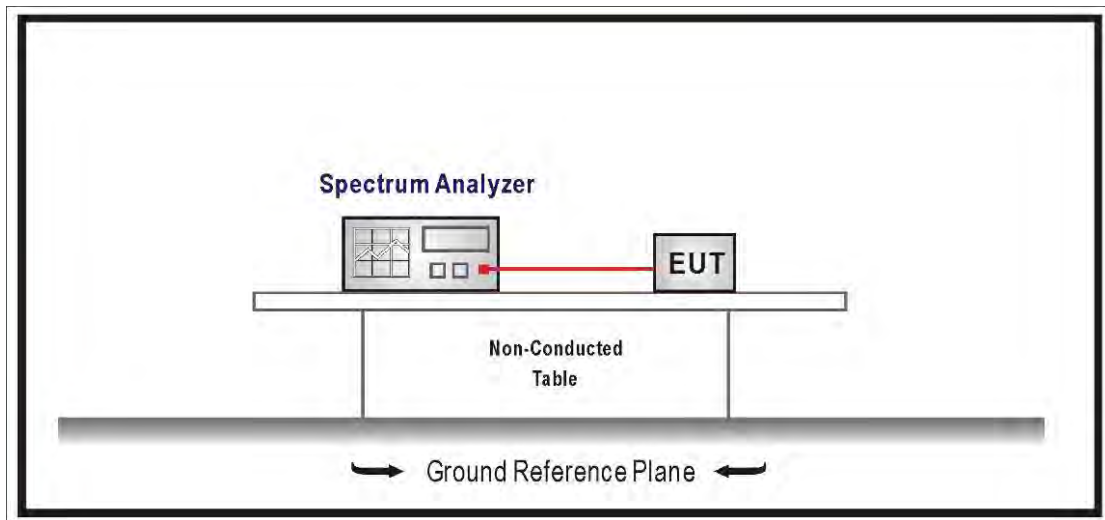


5. Maximum power spectral density

5.1. Test Setup



5.2. Limits

1. For the band 5.15-5.25 GHz, the Maximum power spectral density shall not exceed 17 dBm in any 1MHz band. If transmitting antenna of directional gain greater than 6 dBi are used, the Maximum power spectral density shall be reduced by the amount in dB that directional gain of the antenna exceeds 6 dBi.
2. For client devices in the 5.15-5.25 GHz band, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi
3. For the band 5.25-5.35 GHz, the Maximum power spectral density shall not exceed 11 dBm in any 1-MHz band. If transmitting antenna of directional gain greater than 6 dBi are used, the Maximum power spectral density shall be reduced by the amount in dB that directional gain of the antenna exceeds 6 dBi.
4. For the band 5.725-5.850 GHz, the Maximum power spectral density shall not exceed 30 dBm in any 500KHz band. If transmitting antenna of directional gain greater than 6 dBi are used, the Maximum power spectral density shall be reduced by the amount in dB that directional gain of the antenna exceeds 6 dBi..

5.3. Test Procedure

The EUT was setup to ANSI C63.10: 2013; tested to U-NII test procedure of KDB 789033.v01r02 for compliance to FCC 47CFR Subpart E requirements.

For Band1 : Set RBW=1MHz, VBW=3MHz with RMS detector. The PPSP is the highest level found across the emission in any 1-MHz band after 100 sweeps of averaging.

For Band4 : Set RBW=500KHz, VBW=1.5MHz with RMS detector. The PPSP is the highest level found across the emission in any 500KHz band after 100 sweeps of averaging.

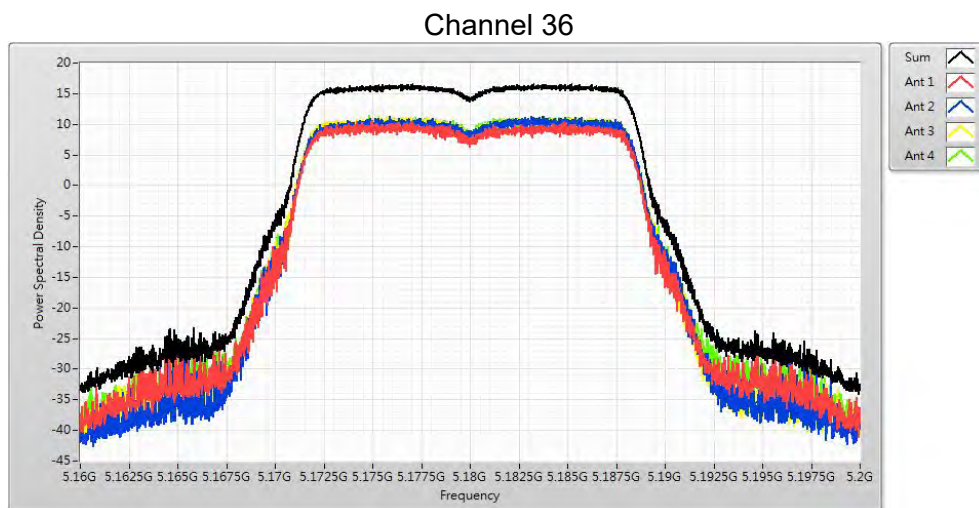
5.4. Test Result

Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum power spectral density		
Test Mode	Mode 1: Tx_ CDD Mode_ ADP1		
Date of Test	2018/11/23	Test Site	SR10-H

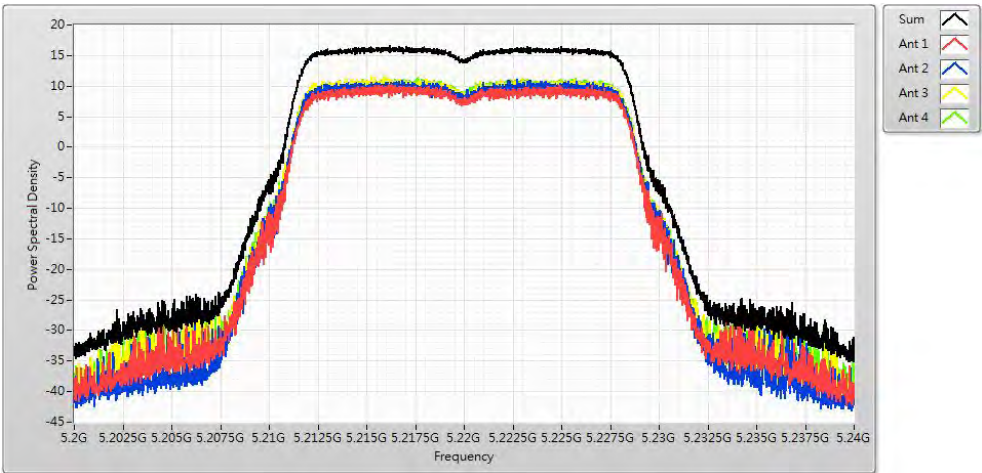
IEEE 802.11a (ANT 0+1+2+3)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
36	5180	16.540	≤ 16.924
44	5220	16.610	≤ 16.924
48	5240	16.610	≤ 16.924

Directional gain= $10\log(\text{ANT N}) + \text{Gain} = 4.77 + 1.306 = 6.076$

Limit = $17\text{dBm} - (6.076\text{dBi} - 6\text{dBi}) = 16.924\text{dBm}$



Channel 44



Channel 48



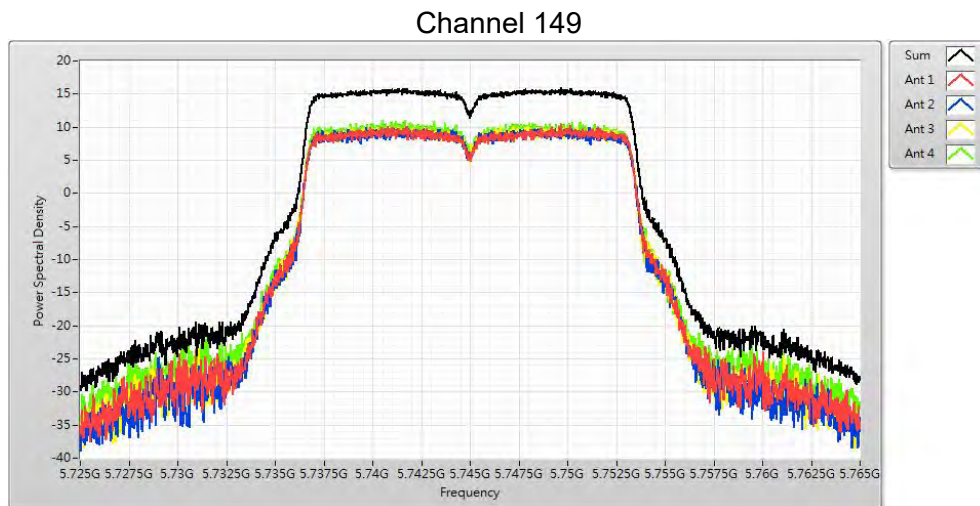
Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum power spectral density		
Test Mode	Mode 1: Tx_ CDD Mode_ ADP1		
Date of Test	2018/11/23	Test Site	SR10-H

IEEE 802.11a (ANT 0+1+2+3)

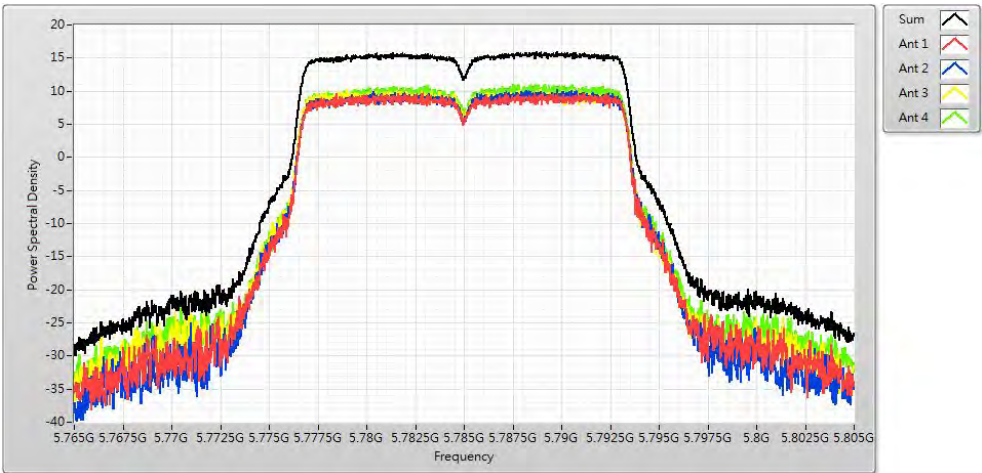
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
149	5745	15.900	≤ 29.663
157	5785	15.980	≤ 29.663
165	5825	15.720	≤ 29.663

Directional gain= $10\log(\text{ANT N})+\text{Gain}=4.77+1.567=6.337$

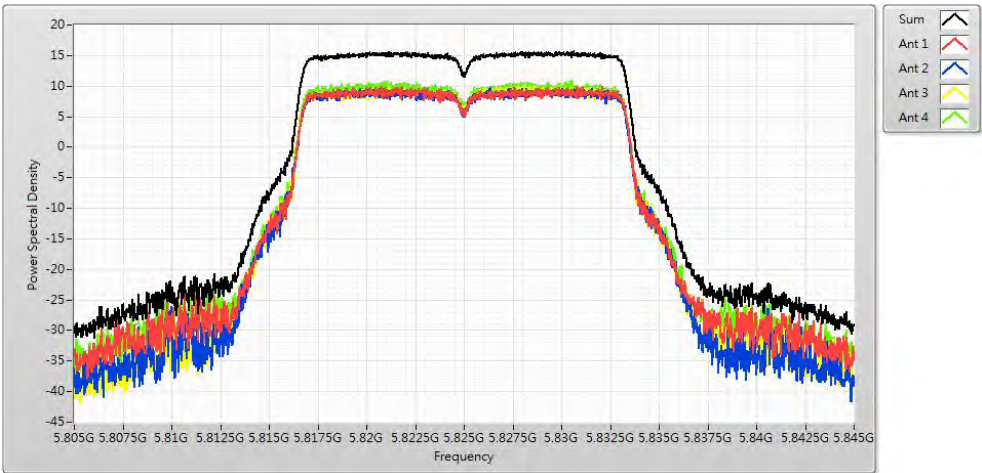
Limit = $30\text{dBm}-(6.337\text{dBi}-6\text{dBi})=29.663\text{dBm}$



Channel 157



Channel 165



Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum power spectral density		
Test Mode	Mode 5: TX_ CDD Mode_ ac(80MHz+80MHz)		
Date of Test	2018/11/23	Test Site	SR10-H

Channel	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
42	5210	7.240	≤ 16.924
58	5290	5.970	≤ 10.736

For Band1:

Directional gain= $10\log(\text{ANT N}) + \text{Gain} = 4.77 + 1.306 = 6.076$

Limit = $17\text{dBm} - (6.076\text{dBi} - 6\text{dBi}) = 16.924\text{dBm}$

For Band2:

Directional gain= $10\log(\text{ANT N}) + \text{Gain} = 4.77 + 1.494 = 6.264$

Limit = $11\text{dBm} - (6.264\text{dBi} - 6\text{dBi}) = 10.736\text{dBm}$

Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum power spectral density		
Test Mode	Mode 6: TX_ CDD Mode_ ac(160MHz)		
Date of Test	2018/11/23	Test Site	SR10-H

Channel	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
106+114	5530 +5610	5.780	≤ 10.756

Directional gain=10log(ANT N)+Gain=4.77+1.474=6.244

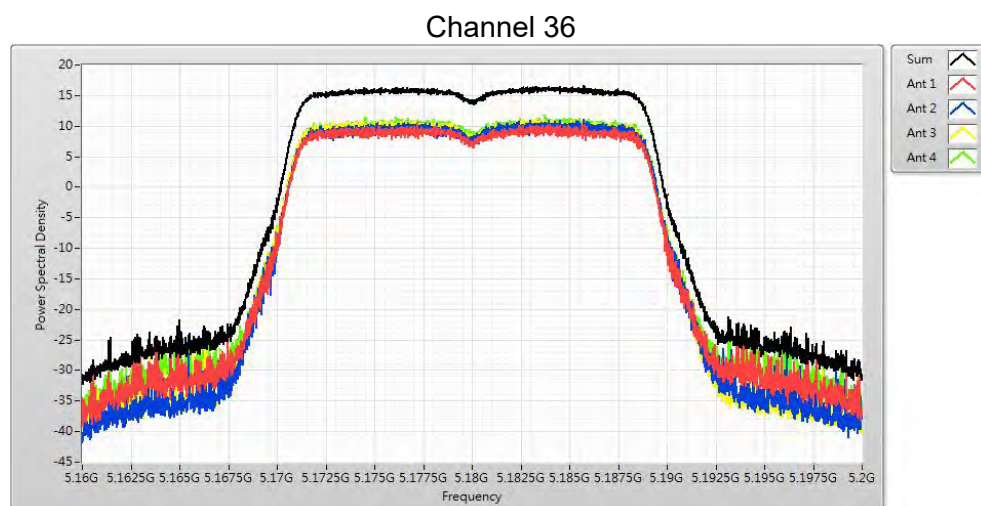
Limit =11dBm-(6.244dBi-6dBi)=10.756dBm

Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum power spectral density		
Test Mode	Mode 7: TX_ BF Mode_ NSS1		
Date of Test	2018/11/23	Test Site	SR10-H

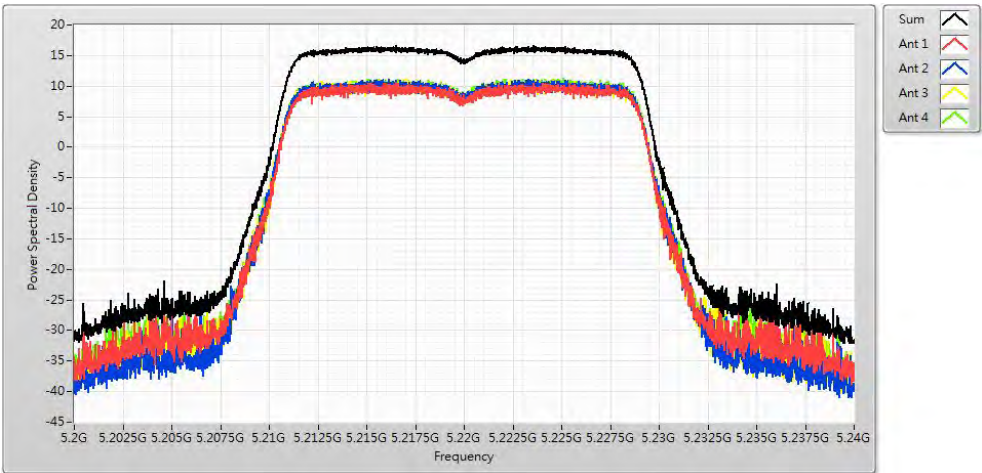
IEEE 802.11ac(20MHz)(ANT 0+1+2+3)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
36	5180	16.630	≤ 16.924
44	5220	16.630	≤ 16.924
48	5240	16.590	≤ 16.924

Directional gain=10log(ANT N)+Gain=4.77+1.306=6.076

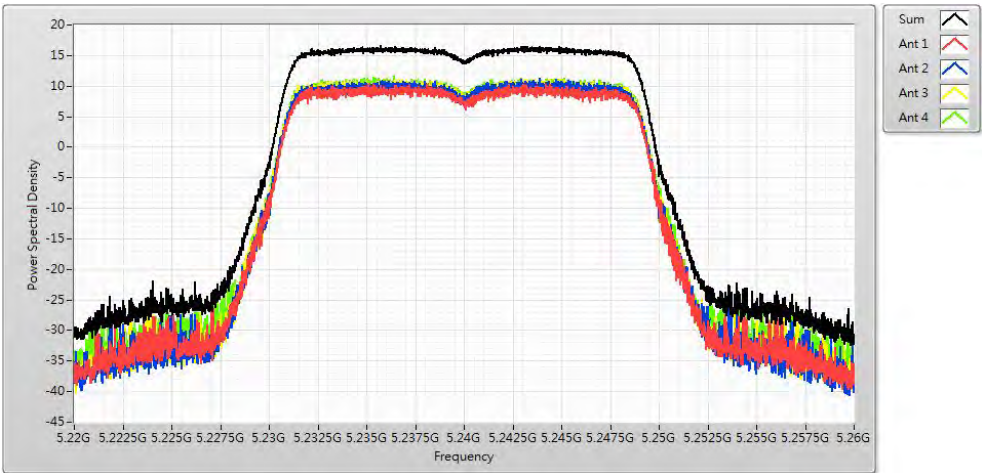
Limit =17dBm-(6.076dBi-6dBi)=16.924dBm



Channel 44



Channel 48

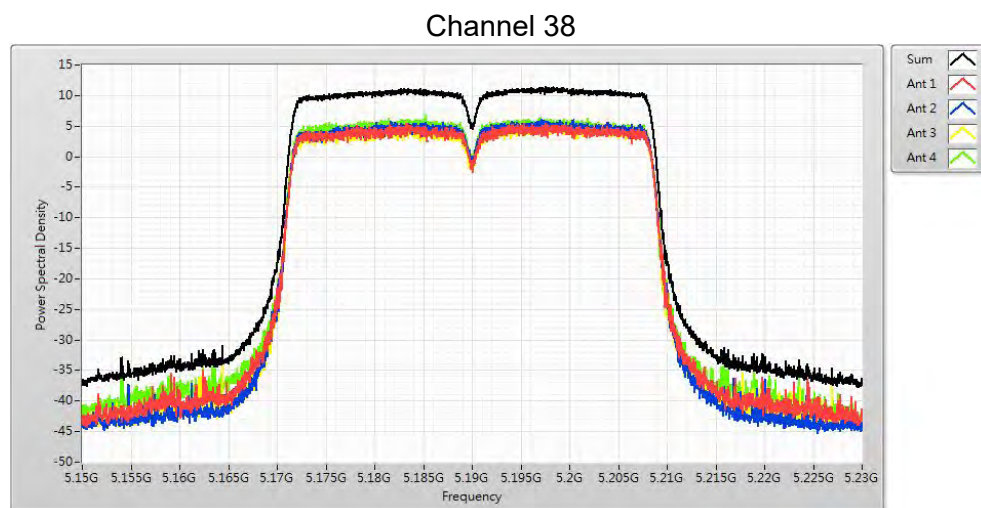


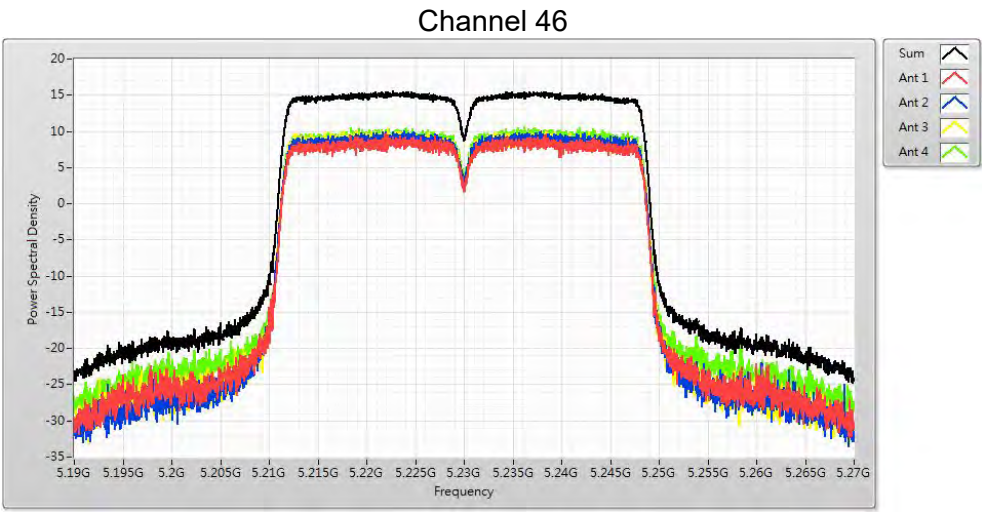
Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum power spectral density		
Test Mode	Mode 7: TX_ BF Mode_ NSS1		
Date of Test	2018/11/23	Test Site	SR10-H

IEEE 802.11ac(40MHz)(ANT 0+1+2+3)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
38	5190	11.420	≤ 16.924
46	5230	15.570	≤ 16.924

Directional gain=10log(ANT N)+Gain=4.77+1.306=6.076

Limit =17dBm-(6.076dBi-6dBi)=16.924dBm



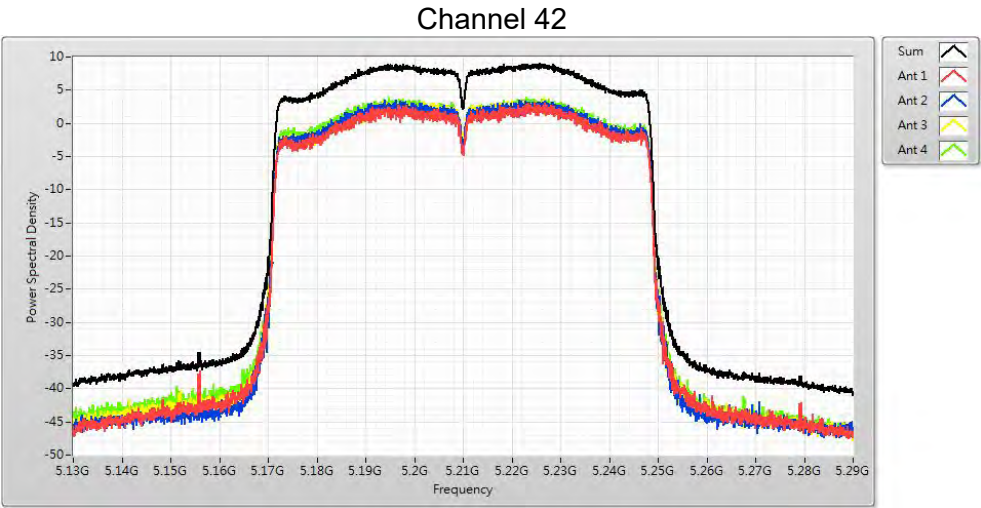


Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum power spectral density		
Test Mode	Mode 7: TX_ BF Mode_ NSS1		
Date of Test	2018/11/23	Test Site	SR10-H

IEEE 802.11ac(80MHz)(ANT 0+1+2+3)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
42	5210	9.030	≤ 16.924

Directional gain=10log(ANT N)+Gain=4.77+1.306=6.076

Limit =17dBm-(6.076dBi-6dBi)=16.924dBm

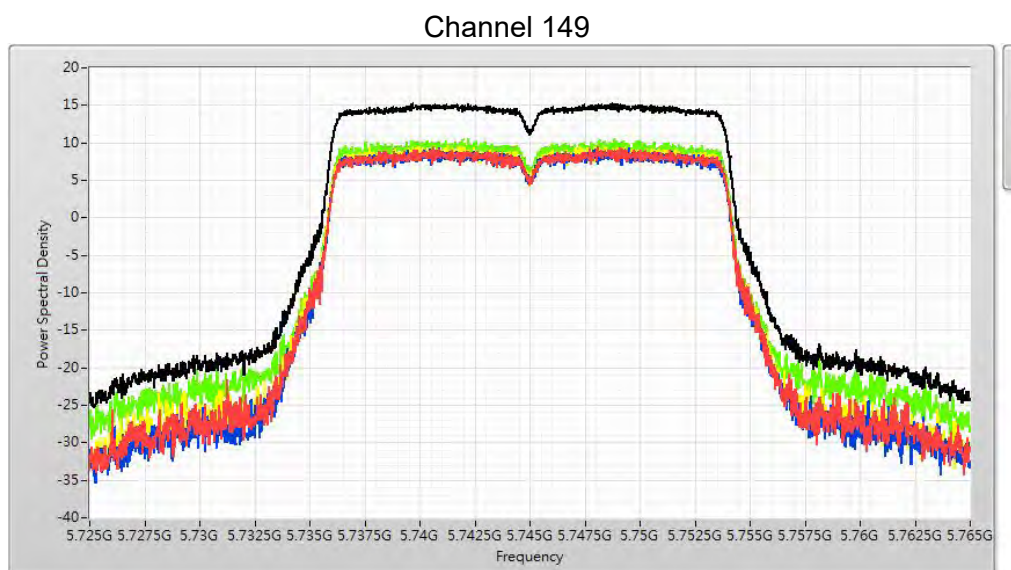


Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum power spectral density		
Test Mode	Mode 7: TX_ BF Mode_ NSS1		
Date of Test	2018/11/23	Test Site	SR10-H

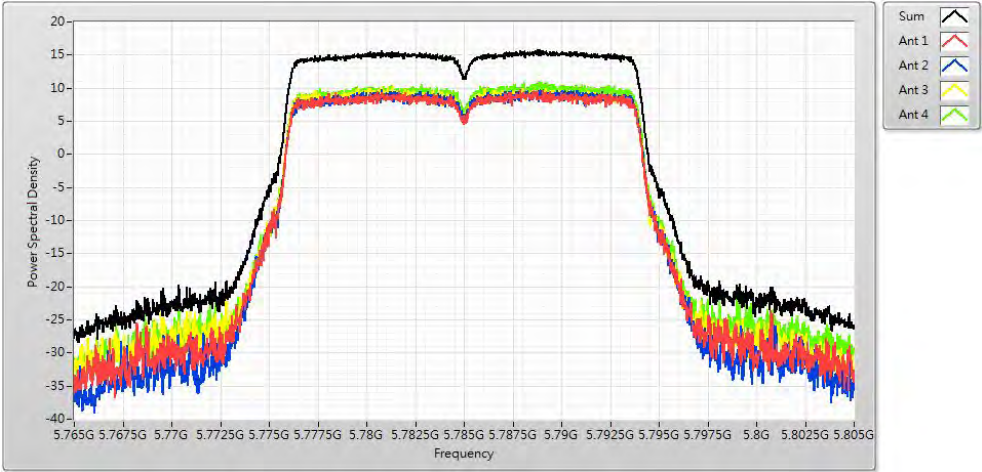
IEEE 802.11ac(20MHz)(ANT 0+1+2+3)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
149	5745	15.250	≤ 29.663
157	5785	15.830	≤ 29.663
165	5825	15.140	≤ 29.663

Directional gain= $10\log(\text{ANT N}) + \text{Gain} = 4.77 + 1.567 = 6.337$

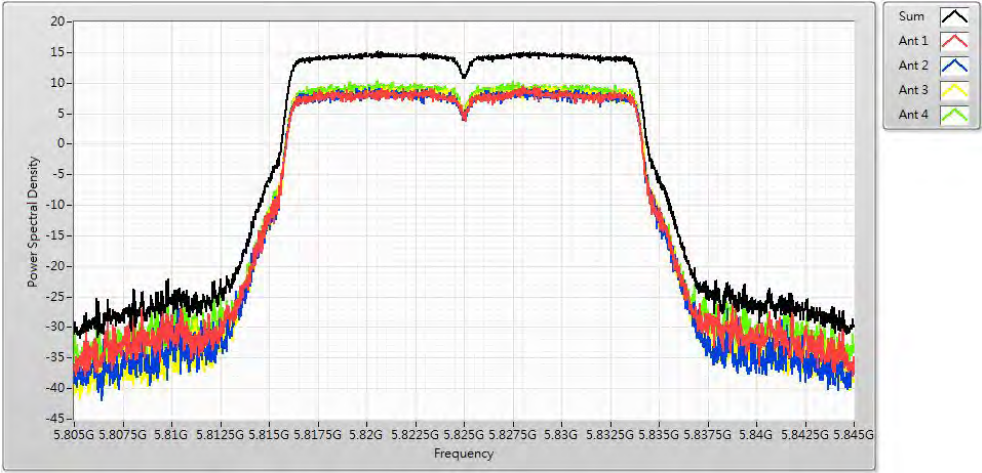
Limit = $30\text{dBm} - (6.337\text{dBi} - 6\text{dBi}) = 29.663\text{dBm}$



Channel 157



Channel 165

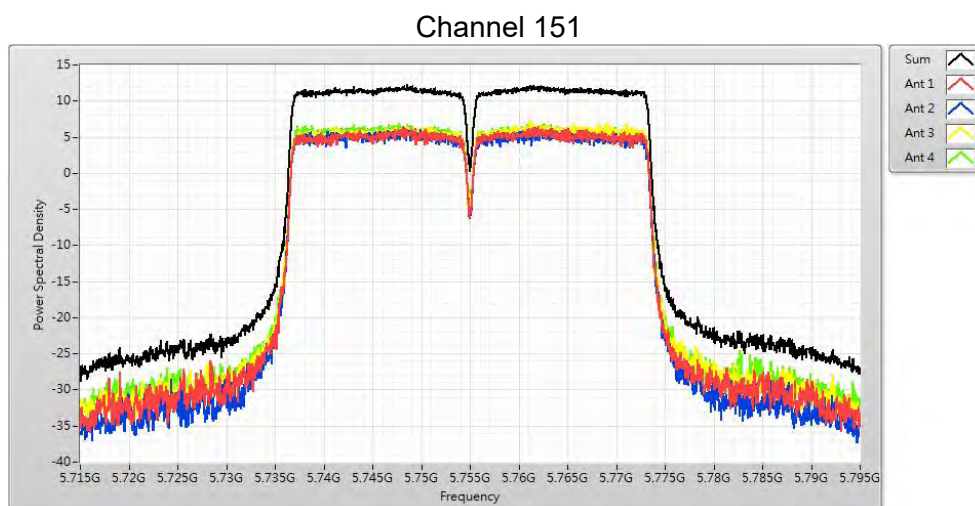


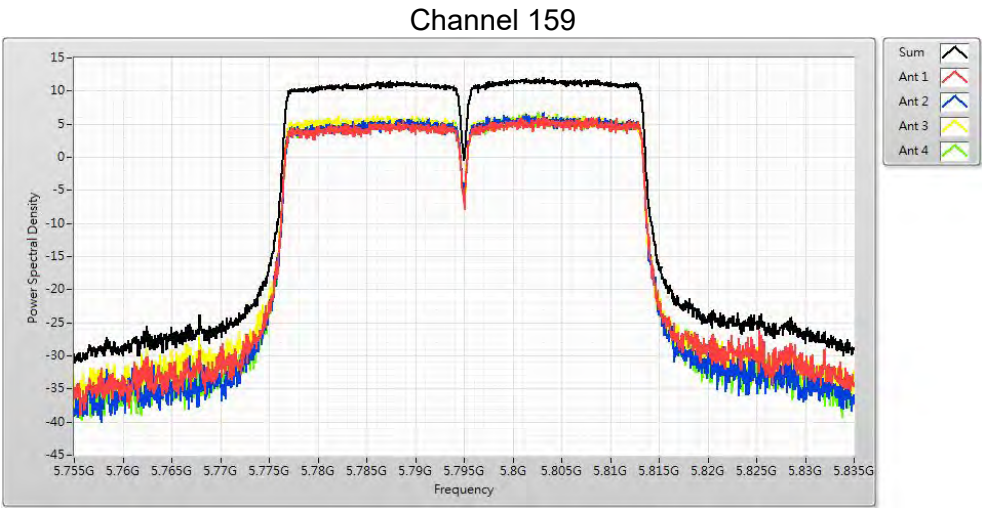
Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum power spectral density		
Test Mode	Mode 7: TX_ BF Mode_ NSS1		
Date of Test	2018/11/23	Test Site	SR10-H

IEEE 802.11ac(40MHz)(ANT 0+1+2+3)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
151	5755	12.260	≤ 29.663
159	5795	12.000	≤ 29.663

Directional gain= $10\log(\text{ANT N}) + \text{Gain} = 4.77 + 1.567 = 6.337$

Limit = $30\text{dBm} - (6.337\text{dBi} - 6\text{dBi}) = 29.663\text{dBm}$



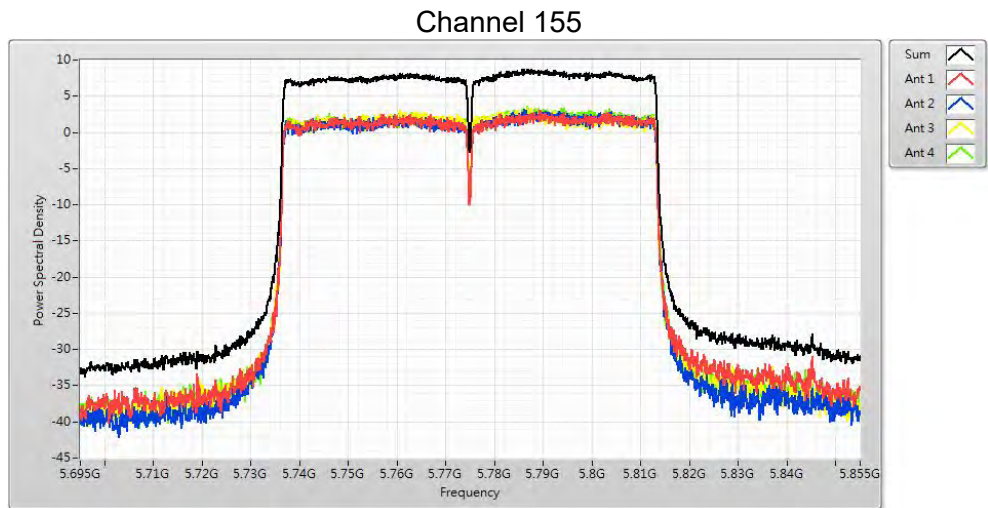


Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum power spectral density		
Test Mode	Mode 7: TX_ BF Mode_ NSS1		
Date of Test	2018/11/23	Test Site	SR10-H

IEEE 802.11ac(80MHz)(ANT 0+1+2+3)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
155	5775	8.770	≤ 29.663

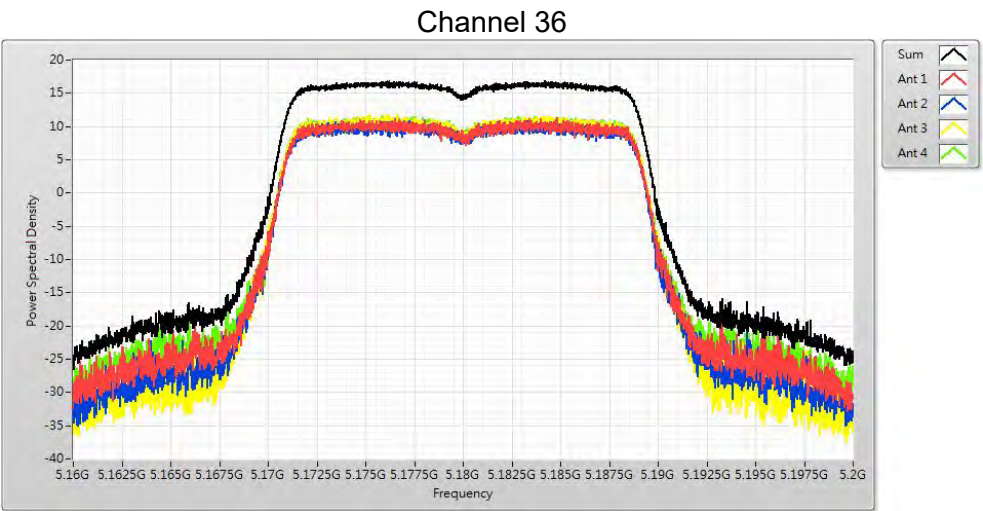
Directional gain=10log(ANT N)+Gain=4.77+1.567=6.337

Limit =30dBm-(6.337dBi-6dBi)=29.663dBm

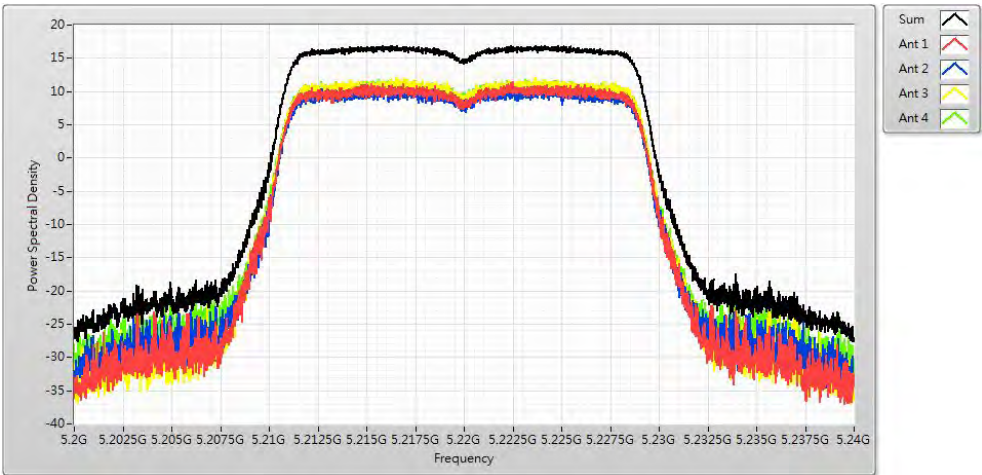


Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum power spectral density		
Test Mode	Mode 8: TX_ BF Mode_ NSS2		
Date of Test	2018/11/23	Test Site	SR10-H

IEEE 802.11ac(20MHz)(ANT 0+1+2+3)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
36	5180	16.900	≤ 17.000
44	5220	16.970	≤ 17.000
48	5240	16.860	≤ 17.000



Channel 44

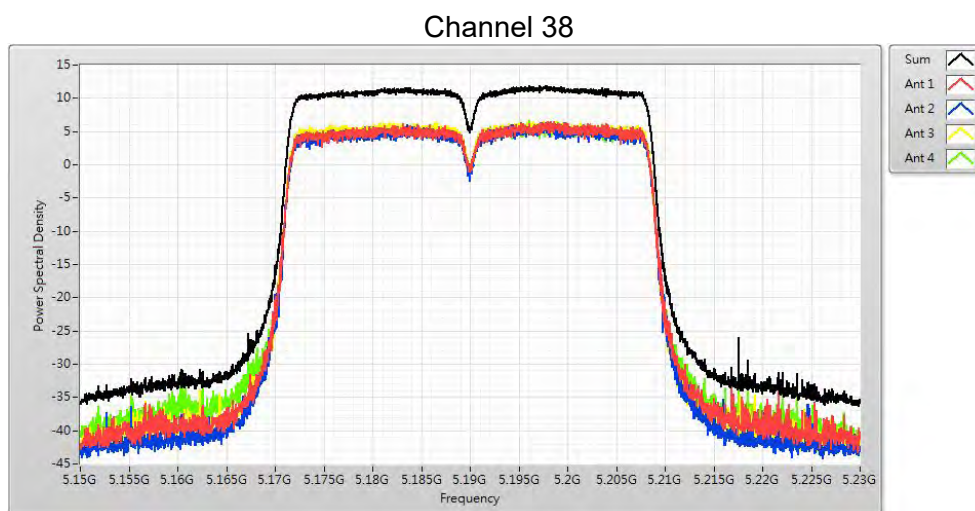


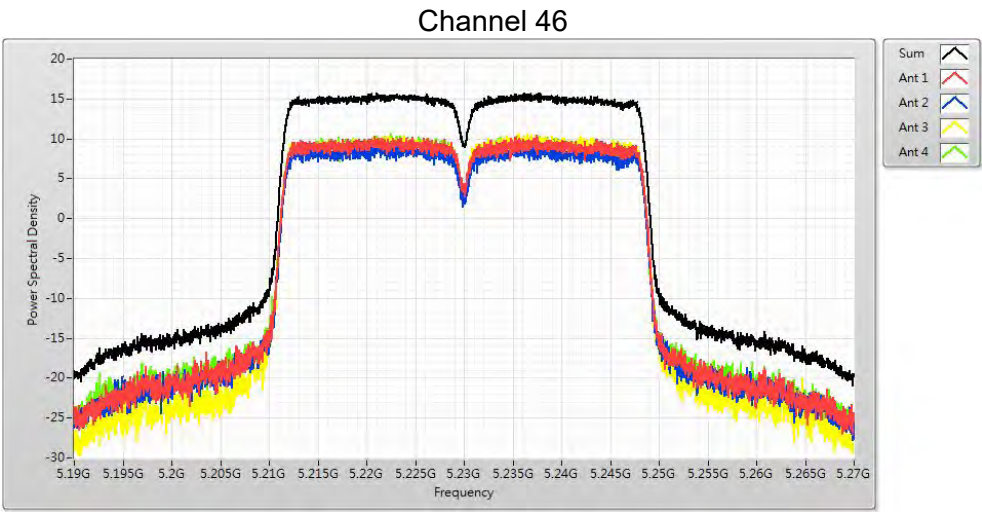
Channel 48



Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum power spectral density		
Test Mode	Mode 8: TX_ BF Mode_ NSS2		
Date of Test	2018/11/23	Test Site	SR10-H

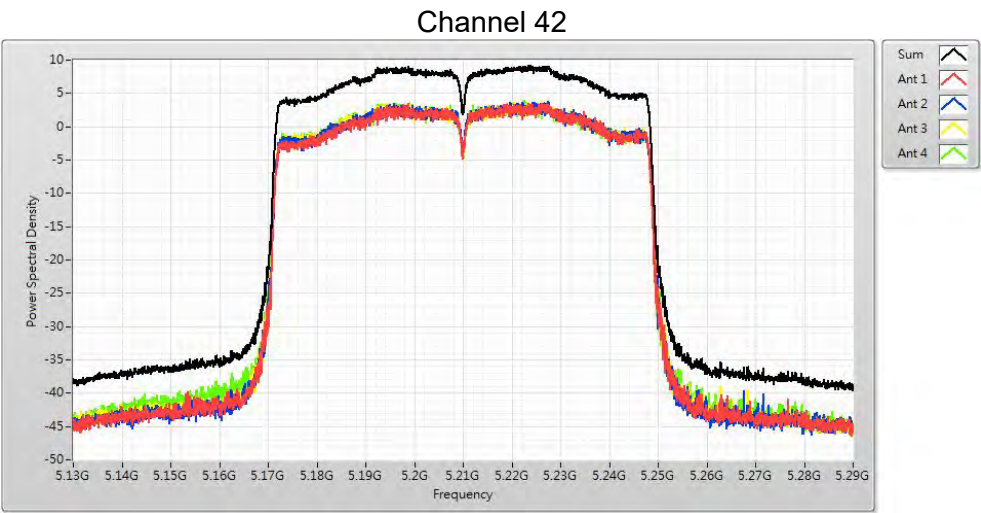
IEEE 802.11ac(40MHz)(ANT 0+1+2+3)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
38	5190	11.950	≤ 17.000
46	5230	15.740	≤ 17.000





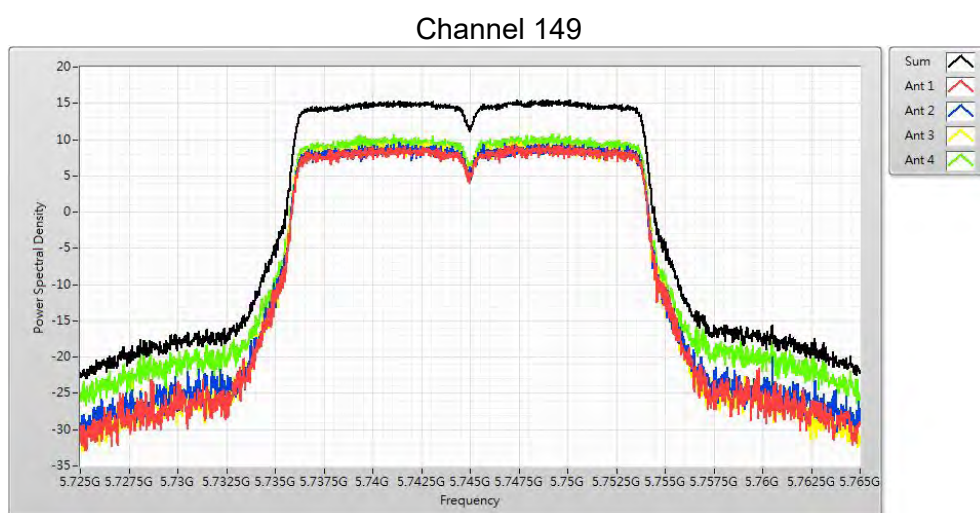
Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum power spectral density		
Test Mode	Mode 8: TX_ BF Mode_ NSS2		
Date of Test	2018/11/23	Test Site	SR10-H

IEEE 802.11ac(80MHz)(ANT 0+1+2+3)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
42	5210	9.230	≤ 17.000

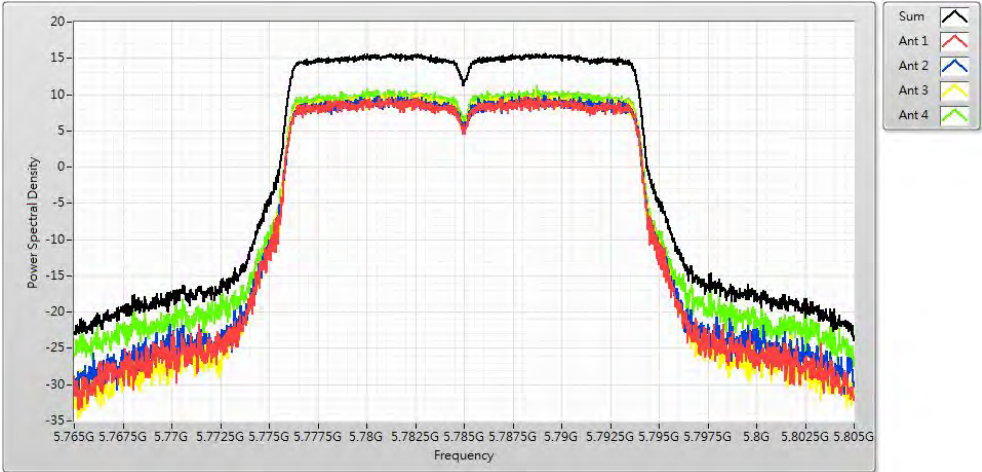


Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum power spectral density		
Test Mode	Mode 8: TX_ BF Mode_ NSS2		
Date of Test	2018/11/23	Test Site	SR10-H

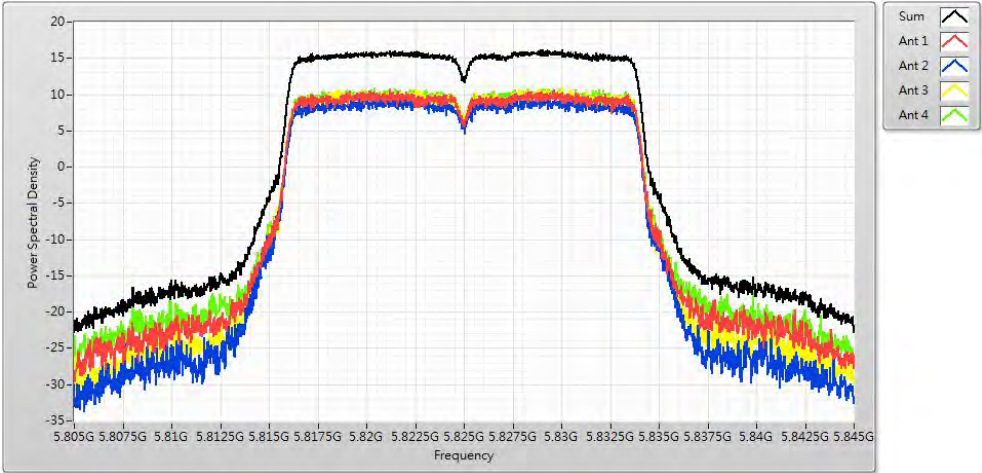
IEEE 802.11ac(20MHz)(ANT 0+1+2+3)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
149	5745	15.450	≤ 30.000
157	5785	15.620	≤ 30.000
165	5825	16.180	≤ 30.000



Channel 157

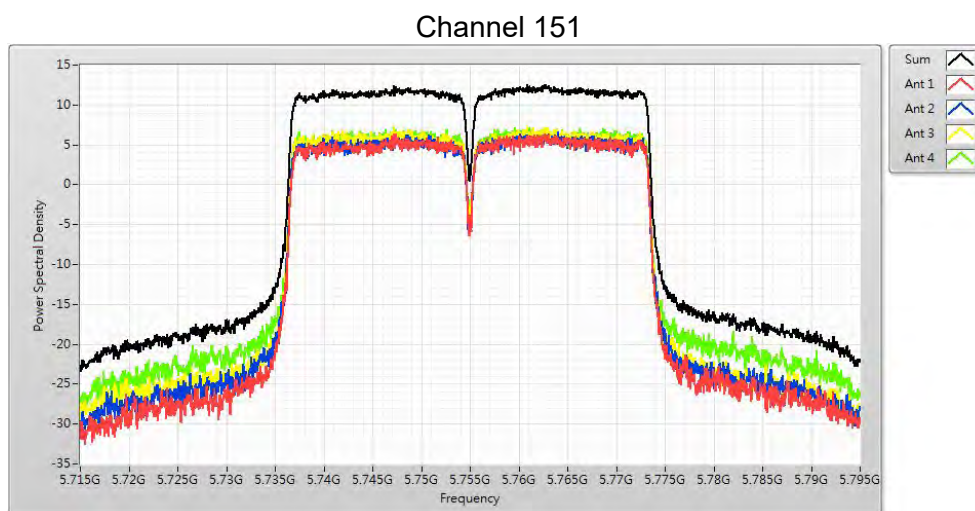


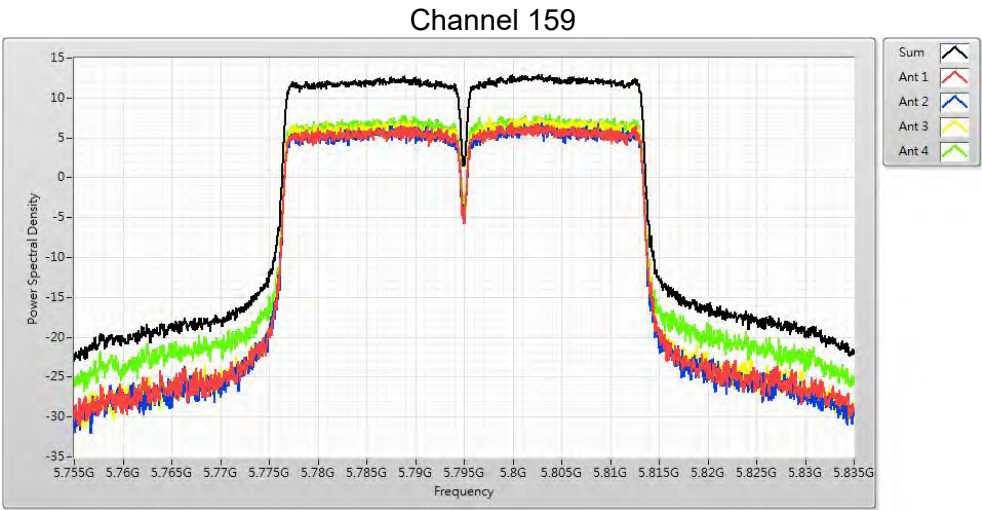
Channel 165



Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum power spectral density		
Test Mode	Mode 8: TX_ BF Mode_ NSS2		
Date of Test	2018/11/23	Test Site	SR10-H

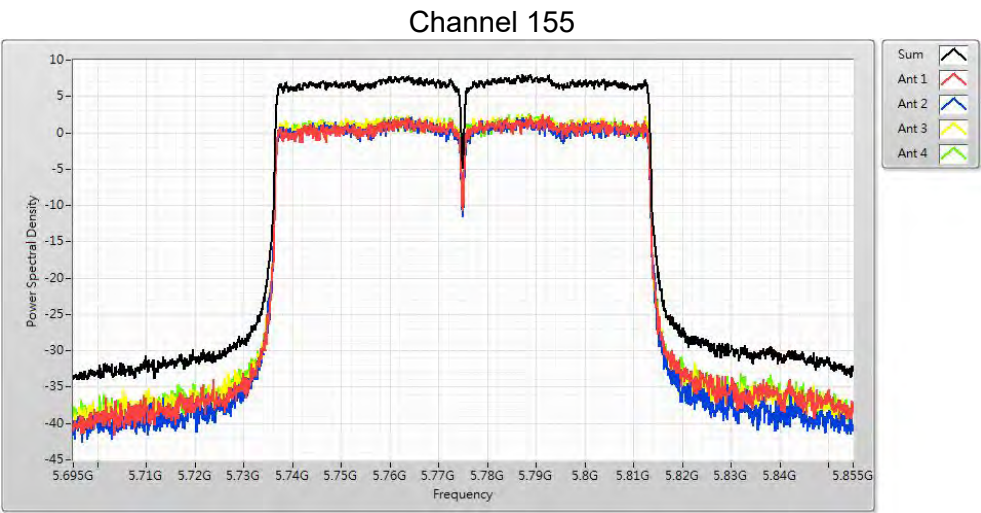
IEEE 802.11ac(40MHz)(ANT 0+1+2+3)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
151	5755	12.520	≤ 30.000
159	5795	12.960	≤ 30.000





Product	Wireless-AC2900 Dual Band Gigabit Router ROG Rapture GT-AC2900 Dual-band Gaming Router		
Test Item	Maximum power spectral density		
Test Mode	Mode 8: TX_ BF Mode_ NSS2		
Date of Test	2018/11/23	Test Site	SR10-H

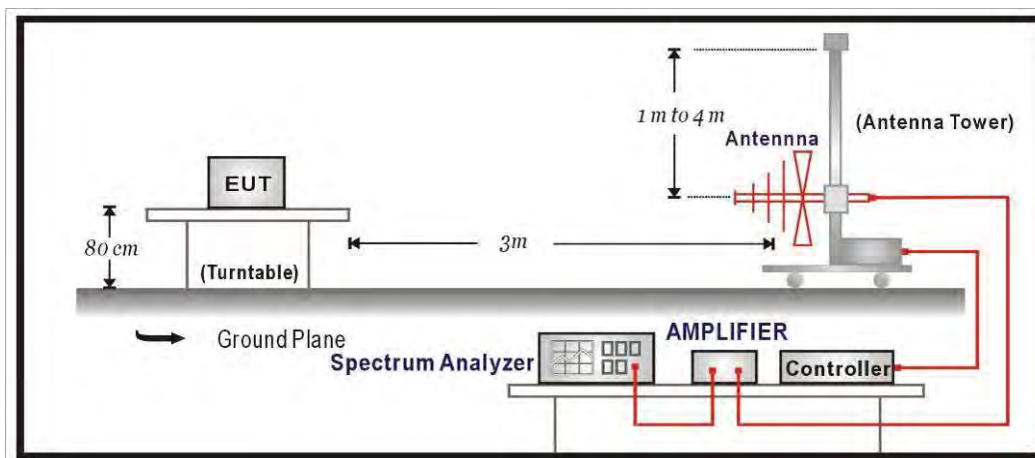
IEEE 802.11ac(80MHz)(ANT 0+1+2+3)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
155	5775	8.020	≤30.000



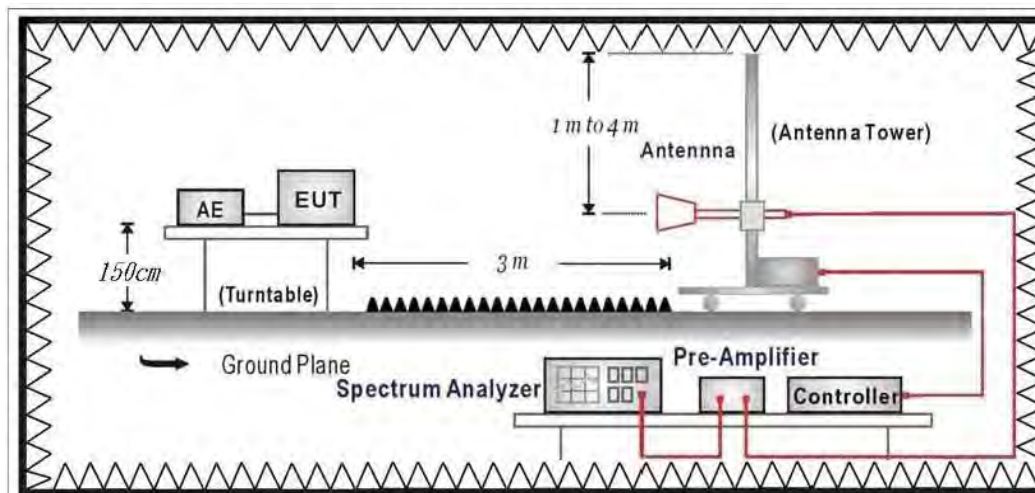
6. Radiated Emission

6.1. Test Setup

Under 1GHz Test Setup:



Above 1GHz Test Setup:



6.2. Limits

➤ General Radiated Emission Limits

The provisions of Section 15.205 of this part apply to intentional radiators operating under this section. Radiated emissions which fall in the restricted bands, as defined in Section 15.205, must also comply with the radiated emission limits specified in Section 15.209:

FCC Part 15 Subpart C Paragraph 15.209 Limits		
Frequency MHz	uV/m @3m	dBuV/m@3m
30 - 88	100	40
88 - 216	150	43.5
216 - 960	200	46
Above 960	500	54

Remark:

1. RF Voltage (dBuV) = 20 log RF Voltage (uV)
2. In the Above Table, the tighter limit applies at the band edges.
3. Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.

➤ Unwanted Emission out of the restricted bands Limits

FCC Part 15 Subpart C Paragraph 15.407(b) Limits		
Frequency (MHz)	EIRP Limit (dBm)	Equivalent Field Strength (dBuV/m@3m)
5150 - 5250	-27	68.3
5250 - 5350	-27	68.3
5470 - 5725	-27	68.3
5725 - 5850	-27 (Note1)	68.3
	-17 (Note2)	78.3

Remark:

1. For frequencies more than 10 MHz above or below the band edges.
2. For frequency range from the band edges to 10 MHz above or below the band edges.
3.
$$uV/m = \frac{1000000\sqrt{30 \times EIRP}}{3}$$
, RF Voltage (dBuV/m) = 20 log RF Voltage (uV/m)

6.3. Test Procedure

The EUT and its simulators are placed on a turn table which is 1.5 meter above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT was positioned such that the distance from antenna to the EUT was 3 meters.

The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level.

Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated according to ANSI C63.10: 2013 on radiated measurement.

The additional latch filter Under 1GHz was used to measure the level of harmonics radiated emission during field strength of harmonics measurement.

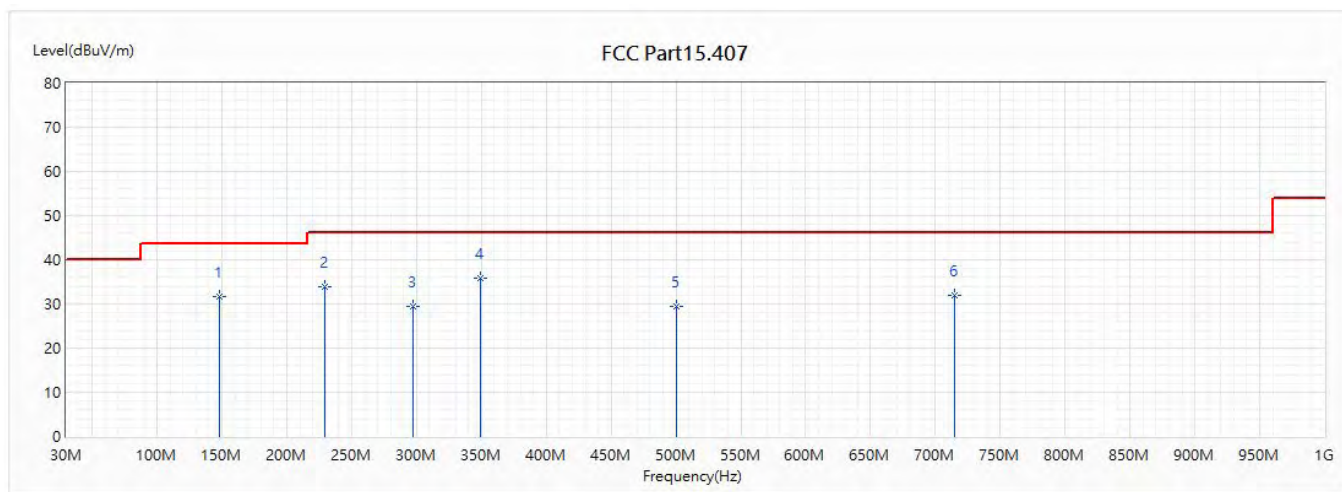
The bandwidth Under 1GHz setting on the field strength meter is 120 KHz, above 1GHz are 1 MHz.

The frequency range from 30MHz to 10th harmonics is checked.

6.4. Test Result

30MHz-1GHz Spurious

Site :	CB4-H	Engineer :	Carter
Model No :	RT-AC86U	Test Date :	2018/10/25
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 1: Tx_CDD Mode_AD P1		
Note :	802.11ac(80M)_5210MHz		

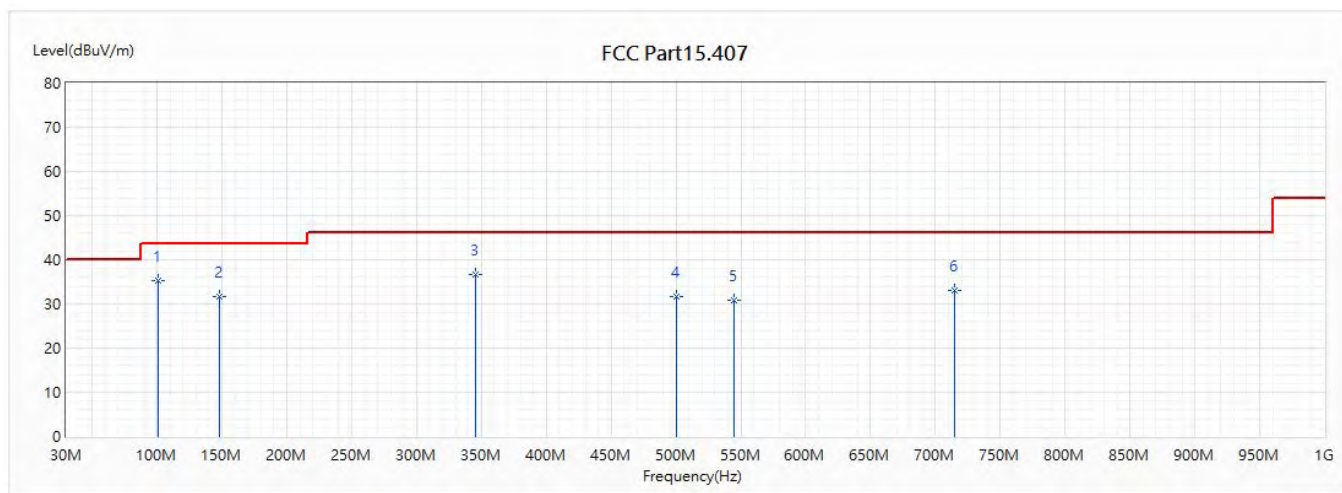


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	148.461	31.59	43.50	-11.91	53.45	-21.86	QP
2	228.85	33.89	46.00	-12.11	54.35	-20.46	QP
3	296.993	29.36	46.00	-16.64	48.66	-19.30	QP
* 4	349.251	35.85	46.00	-10.15	53.32	-17.47	QP
5	499.965	29.51	46.00	-16.49	44.16	-14.65	QP
6	714.335	31.96	46.00	-14.04	44.35	-12.39	QP

Note:

1. All Reading Levels is Quasi-Peak value.
2. “ * ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The emission from 9KHz to 30MHz Radiated emission were not show in the test report, because Pre-scan lower than the limit line.

Site :	CB4-H	Engineer :	Carter
Model No :	RT-AC86U	Test Date :	2018/10/25
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 1: Tx_CDD Mode_ADP1		
Note :	802.11ac(80M)_5210MHz		

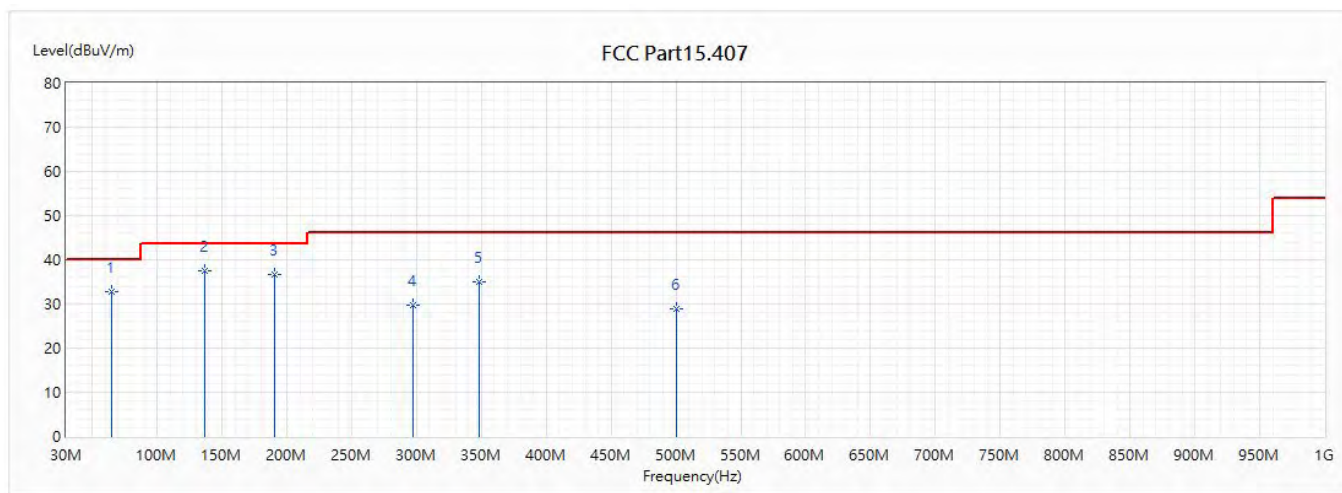


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
* 1	100.689	35.29	43.50	-8.21	56.96	-21.67	QP
2	148.461	31.67	43.50	-11.83	53.53	-21.86	QP
3	345.371	36.74	46.00	-9.26	54.61	-17.87	QP
4	499.965	31.76	46.00	-14.24	46.41	-14.65	QP
5	545.07	30.82	46.00	-15.18	43.51	-12.69	QP
6	714.941	32.95	46.00	-13.05	45.32	-12.37	QP

Note:

1. All Reading Levels is Quasi-Peak value.
2. “ * ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The emission from 9KHz to 30MHz Radiated emission were not show in the test report, because Pre-scan lower than the limit line.

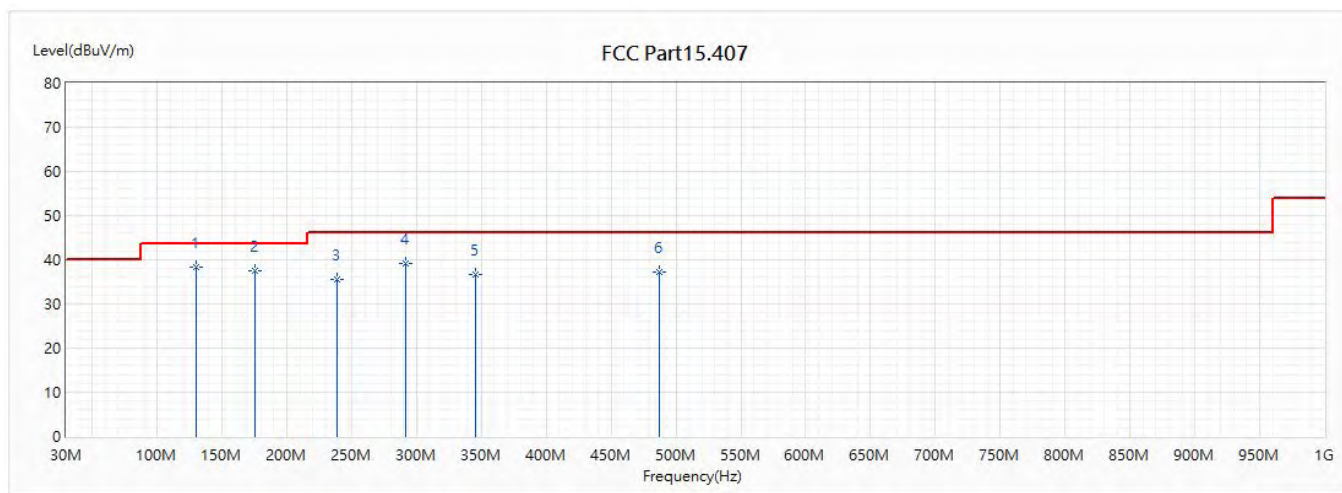
Site :	CB4-H	Engineer :	Carter
Model No :	RT-AC86U	Test Date :	2018/10/25
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 1: Tx_CDD Mode_ADP1		
Note :	802.11ac(80M)_5775MHz		



Note:

1. All Reading Levels is Quasi-Peak value.
2. “ * ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The emission from 9KHz to 30MHz Radiated emission were not show in the test report, because Pre-scan lower than the limit line.

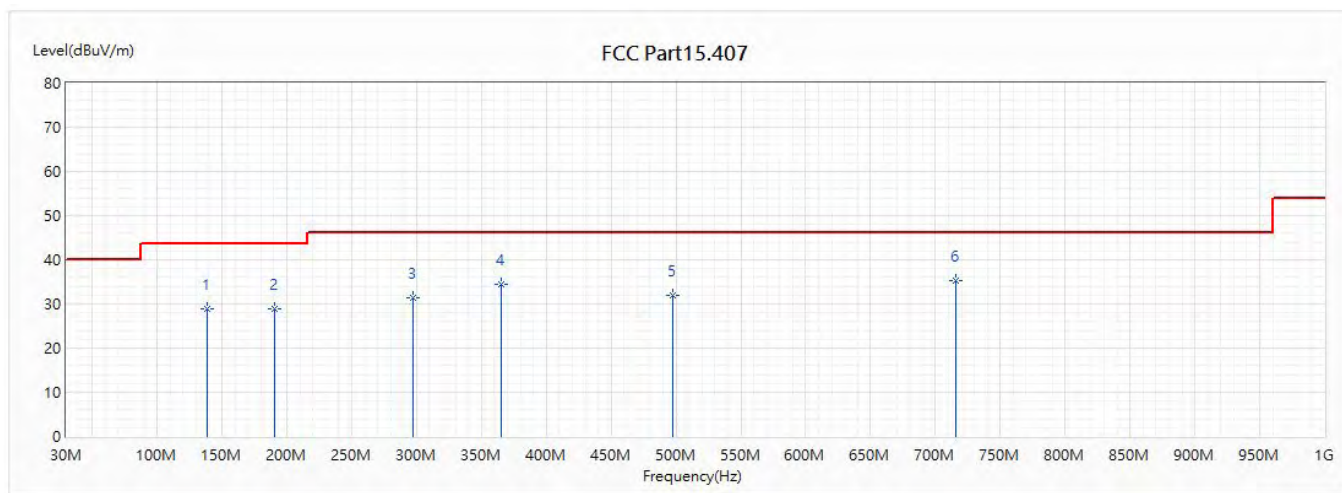
Site :	CB4-H	Engineer :	Carter
Model No :	RT-AC86U	Test Date :	2018/10/25
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 1: Tx_CDD Mode_ADP1		
Note :	802.11ac(80M)_5775MHz		



Note:

1. All Reading Levels is Quasi-Peak value.
2. “ * ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The emission from 9KHz to 30MHz Radiated emission were not show in the test report, because Pre-scan lower than the limit line.

Site :	CB4-H	Engineer :	Carter
Model No :	RT-AC86U	Test Date :	2018/10/25
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 2: Tx_CDD Mode_ADP3		
Note :	802.11ac(80M)_5210MHz		

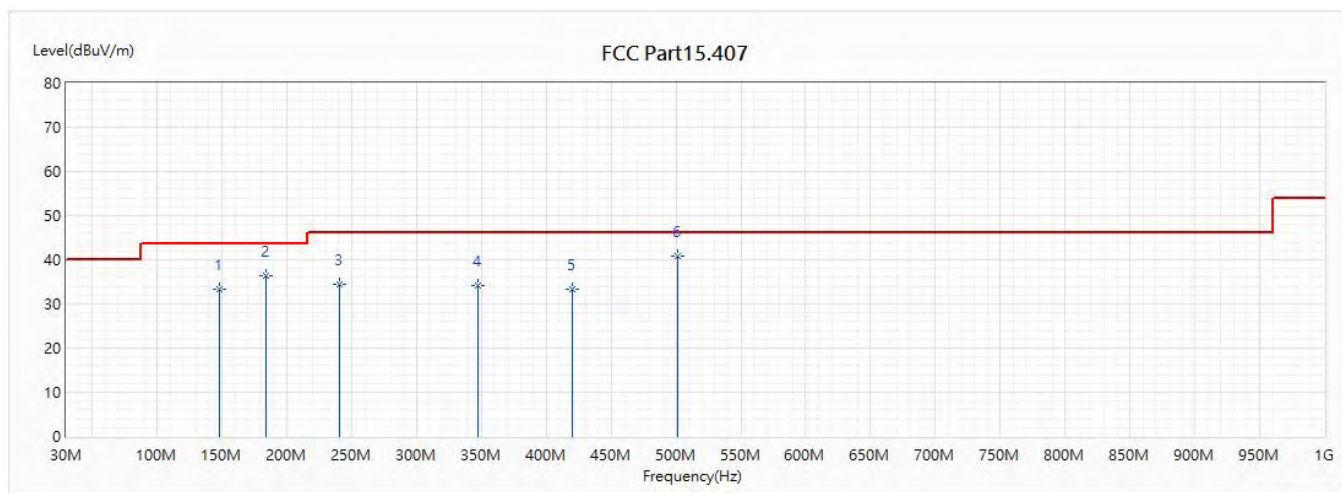


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	138.519	28.90	43.50	-14.60	50.30	-21.40	QP
2	190.656	28.99	43.50	-14.51	51.62	-22.63	QP
3	296.993	31.43	46.00	-14.57	50.73	-19.30	QP
4	365.256	34.38	46.00	-11.62	51.22	-16.84	QP
5	497.783	31.90	46.00	-14.10	46.64	-14.74	QP
* 6	715.79	35.36	46.00	-10.64	47.67	-12.31	QP

Note:

1. All Reading Levels is Quasi-Peak value.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The emission from 9KHz to 30MHz Radiated emission were not show in the test report, because Pre-scan lower than the limit line.

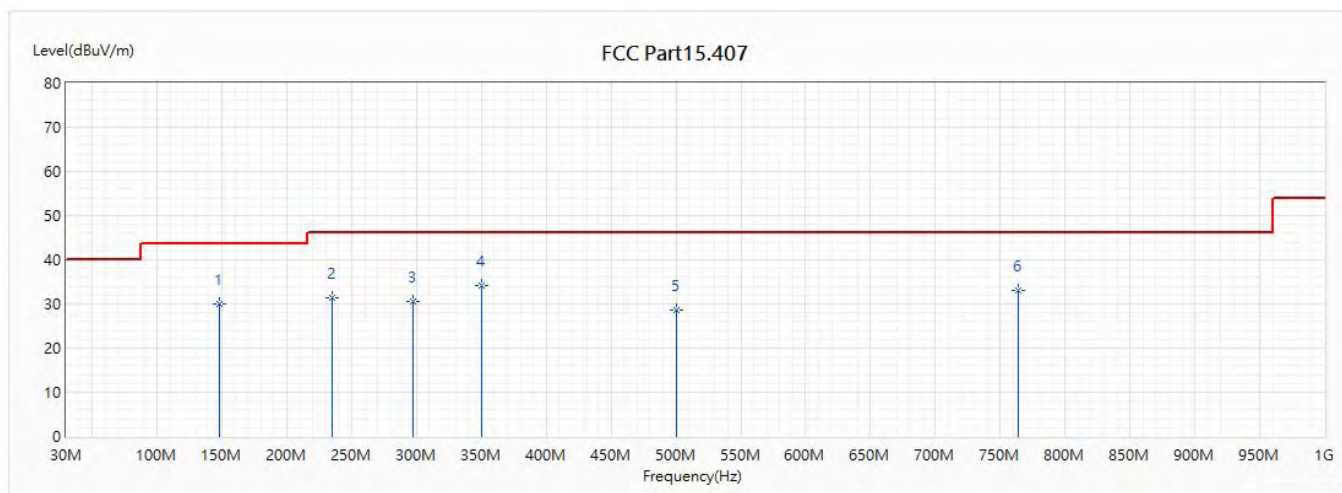
Site :	CB4-H	Engineer :	Carter
Model No :	RT-AC86U	Test Date :	2018/10/25
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 2: Tx_CDD Mode_ADP3		
Note :	802.11ac(80M)_5210MHz		



Note:

1. All Reading Levels is Quasi-Peak value.
2. “ * ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The emission from 9KHz to 30MHz Radiated emission were not show in the test report, because Pre-scan lower than the limit line.

Site :	CB4-H	Engineer :	Carter
Model No :	RT-AC86U	Test Date :	2018/10/25
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 2: Tx_CDD Mode_ADP3		
Note :	802.11ac(80M)_5775MHz		

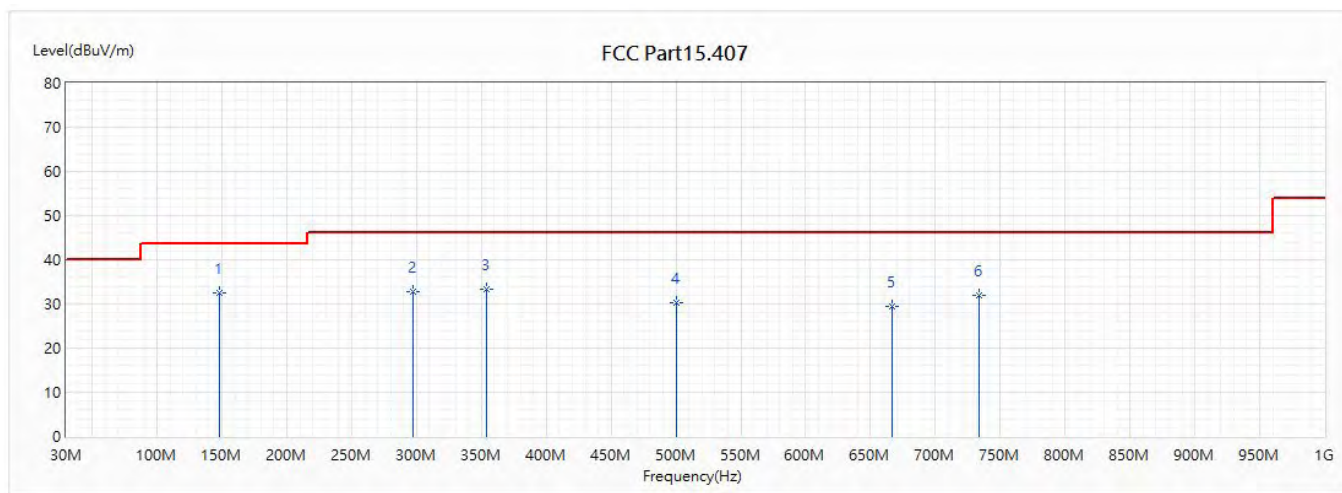


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	148.461	30.03	43.50	-13.47	51.89	-21.86	QP
2	234.67	31.35	46.00	-14.65	52.06	-20.71	QP
3	296.993	30.64	46.00	-15.36	49.94	-19.30	QP
* 4	350.585	34.13	46.00	-11.87	51.47	-17.34	QP
5	499.965	28.60	46.00	-17.40	43.25	-14.65	QP
6	764.29	32.98	46.00	-13.02	44.23	-11.25	QP

Note:

1. All Reading Levels is Quasi-Peak value.
2. “ * ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The emission from 9KHz to 30MHz Radiated emission were not show in the test report, because Pre-scan lower than the limit line.

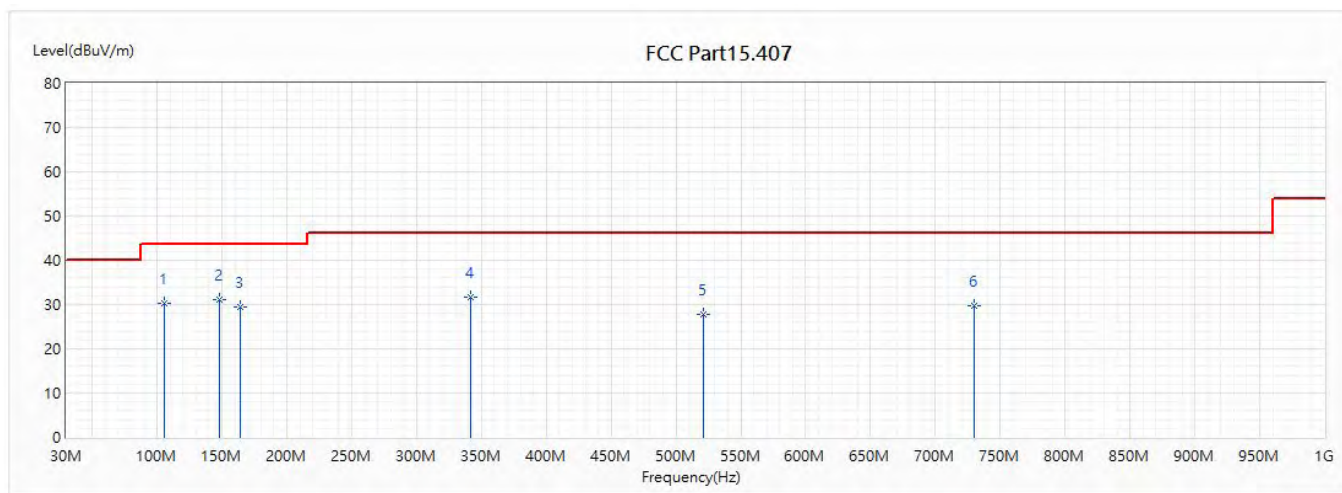
Site :	CB4-H	Engineer :	Carter
Model No :	RT-AC86U	Test Date :	2018/10/25
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 2: Tx_CDD Mode_ADP3		
Note :	802.11ac(80M)_5775MHz		



Note:

1. All Reading Levels is Quasi-Peak value.
2. “ * ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The emission from 9KHz to 30MHz Radiated emission were not show in the test report, because Pre-scan lower than the limit line.

Site :	CB4-H	Engineer :	Carter
Model No :	RT-AC86U	Test Date :	2018/11/28
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 3: Tx_CDD Mode_ADP4		
Note :	802.11ac(80M)_5210MHz		

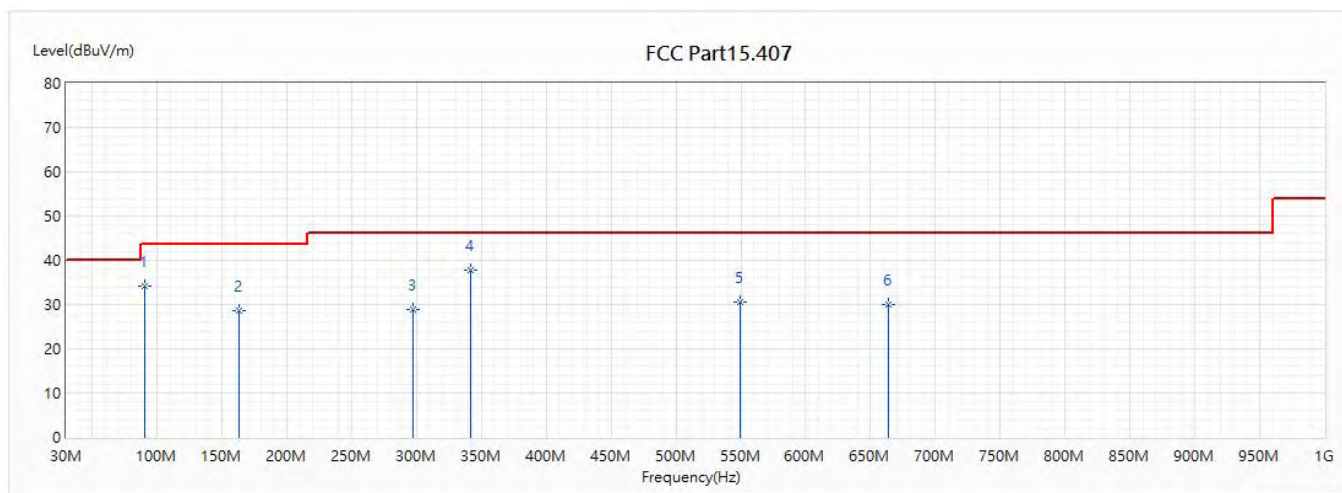


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	105.66	30.23	43.50	-13.27	52.49	-22.26	QP
* 2	148.461	31.23	43.50	-12.27	53.16	-21.93	QP
3	163.981	29.55	43.50	-13.95	51.31	-21.76	QP
4	341.491	31.76	46.00	-14.24	49.87	-18.11	QP
5	521.063	27.73	46.00	-18.27	40.99	-13.26	QP
6	729.855	29.62	46.00	-16.38	40.59	-10.97	QP

Note:

1. All Reading Levels is Quasi-Peak value.
2. “ * ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The emission from 9KHz to 30MHz Radiated emission were not show in the test report, because Pre-scan lower than the limit line.

Site :	CB4-H	Engineer :	Carter
Model No :	RT-AC86U	Test Date :	2018/11/28
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 3: Tx_CDD Mode_ADP4		
Note :	802.11ac(80M)_5210MHz		

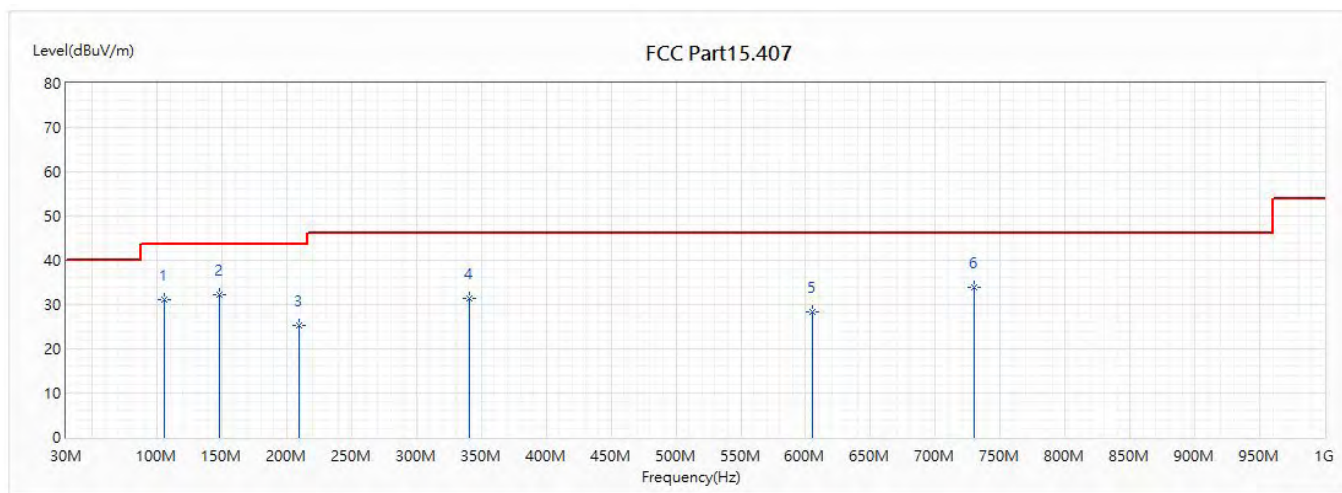


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	90.261	34.06	43.50	-9.44	59.12	-25.06	QP
2	163.011	28.63	43.50	-14.87	50.47	-21.84	QP
3	297.114	28.78	46.00	-17.22	47.61	-18.83	QP
* 4	341.734	37.79	46.00	-8.21	55.86	-18.07	QP
5	549.193	30.53	46.00	-15.47	42.95	-12.42	QP
6	663.531	29.88	46.00	-16.12	41.29	-11.41	QP

Note:

1. All Reading Levels is Quasi-Peak value.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The emission form 9KHz to 30MHz Radiated emission were not show in the test report, because Pre-scan lower than the limit line.

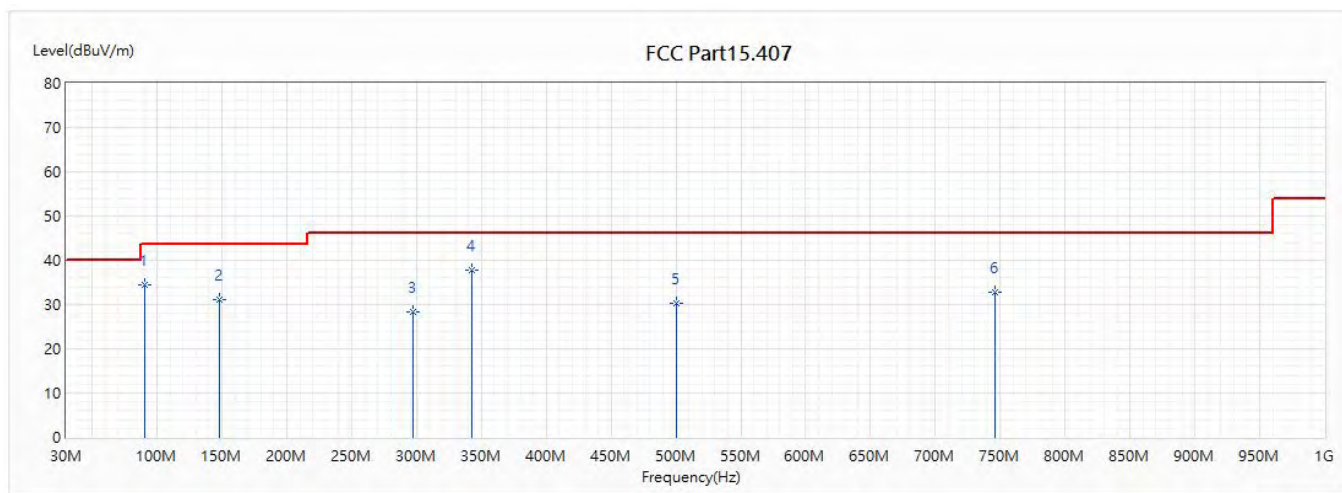
Site :	CB4-H	Engineer :	Carter
Model No :	RT-AC86U	Test Date :	2018/11/28
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 3: Tx_CDD Mode_ADP4		
Note :	802.11ac(80M)_5775MHz		



Note:

1. All Reading Levels is Quasi-Peak value.
2. “ * ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The emission from 9KHz to 30MHz Radiated emission were not show in the test report, because Pre-scan lower than the limit line.

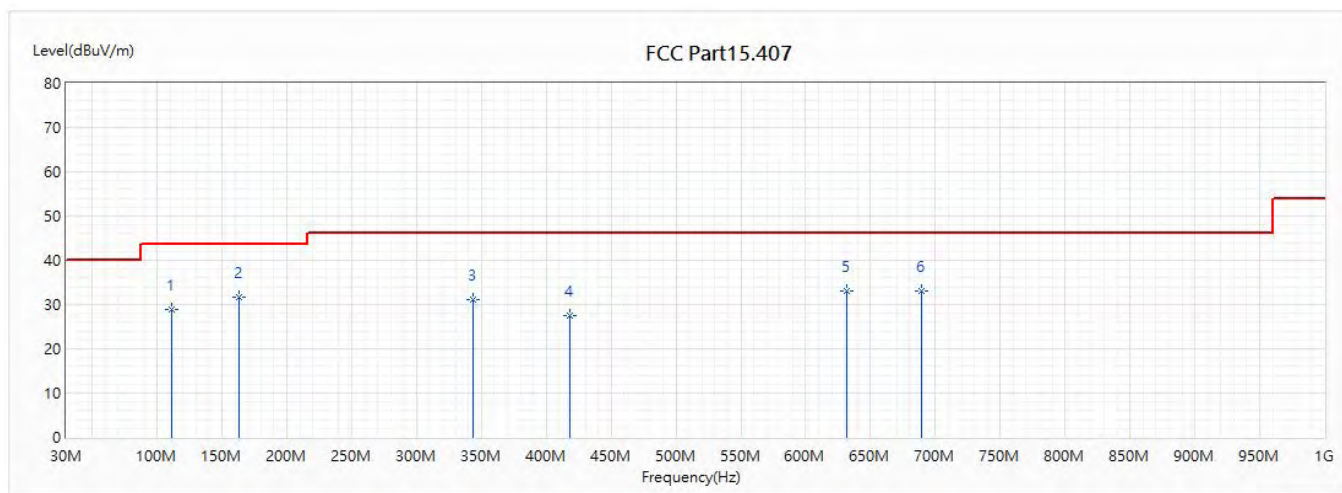
Site :	CB4-H	Engineer :	Carter
Model No :	RT-AC86U	Test Date :	2018/11/28
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 3: Tx_CDD Mode_ADP4		
Note :	802.11ac(80M)_5775MHz		



Note:

1. All Reading Levels is Quasi-Peak value.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The emission form 9KHz to 30MHz Radiated emission were not show in the test report, because Pre-scan lower than the limit line.

Site :	CB4-H	Engineer :	Carter
Model No :	RT-AC86U	Test Date :	2018/11/28
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 4: Tx_CDD Mode_ADP5		
Note :	802.11ac(80M)_5210MHz		

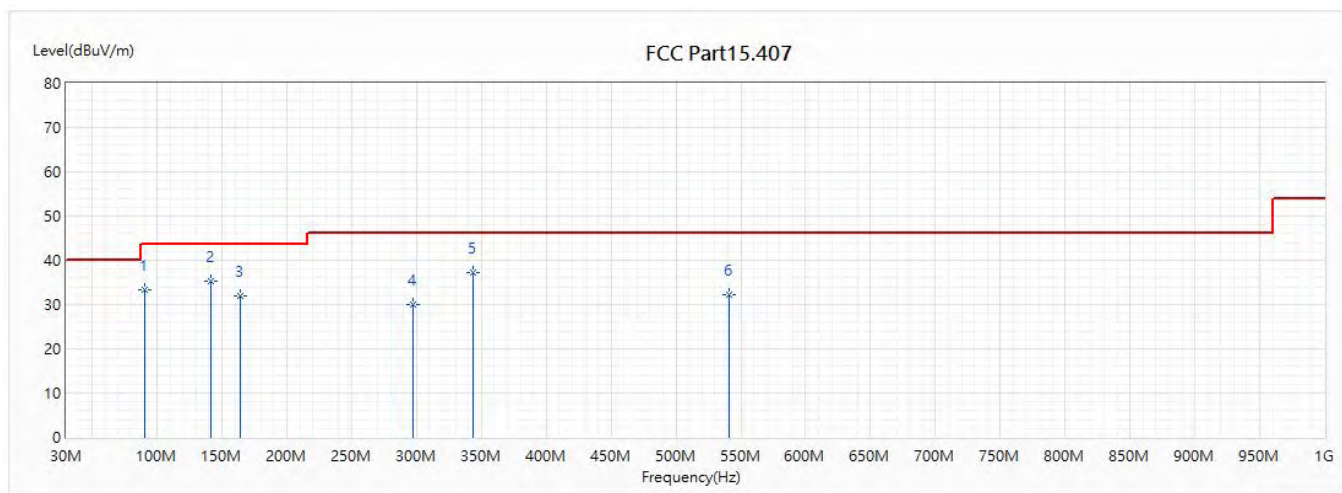


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	110.874	29.02	43.50	-14.48	51.22	-22.20	QP
* 2	163.254	31.74	43.50	-11.76	53.56	-21.82	QP
3	344.038	31.23	46.00	-14.77	48.94	-17.71	QP
4	418.243	27.53	46.00	-18.47	42.22	-14.69	QP
5	631.521	32.92	46.00	-13.08	45.28	-12.36	QP
6	689.236	32.96	46.00	-13.04	44.99	-12.03	QP

Note:

1. All Reading Levels is Quasi-Peak value.
2. “ * ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The emission from 9KHz to 30MHz Radiated emission were not show in the test report, because Pre-scan lower than the limit line.

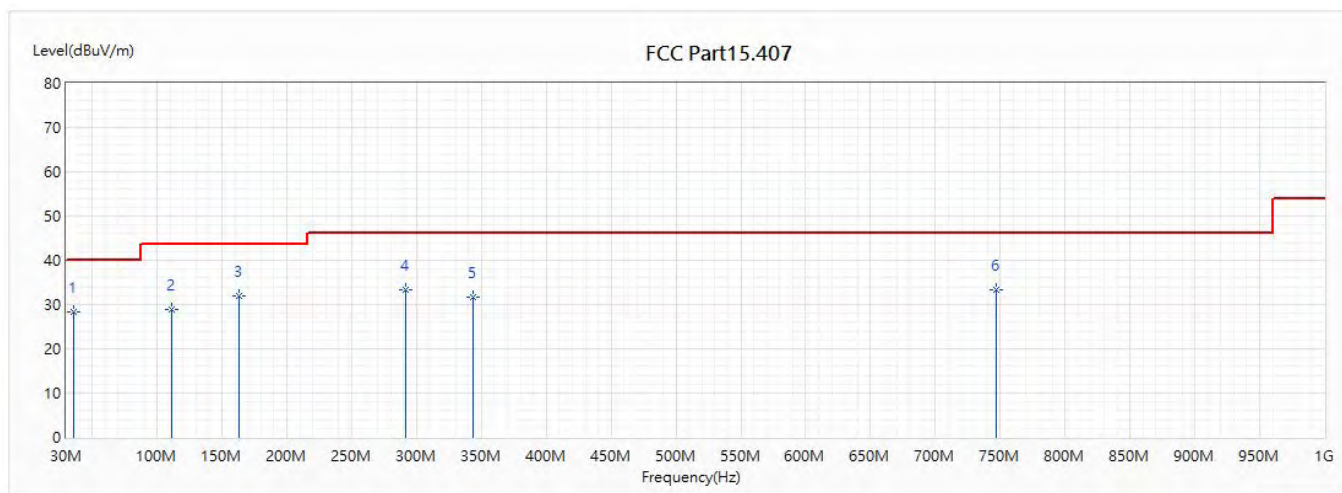
Site :	CB4-H	Engineer :	Carter
Model No :	RT-AC86U	Test Date :	2018/11/28
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 4: Tx_CDD Mode_ADP5		
Note :	802.11ac(80M)_5210MHz		



Note:

1. All Reading Levels is Quasi-Peak value.
2. “ * ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The emission from 9KHz to 30MHz Radiated emission were not show in the test report, because Pre-scan lower than the limit line.

Site :	CB4-H	Engineer :	Carter
Model No :	RT-AC86U	Test Date :	2018/11/28
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 4: Tx_CDD Mode_ADP5		
Note :	802.11ac(80M)_5775MHz		

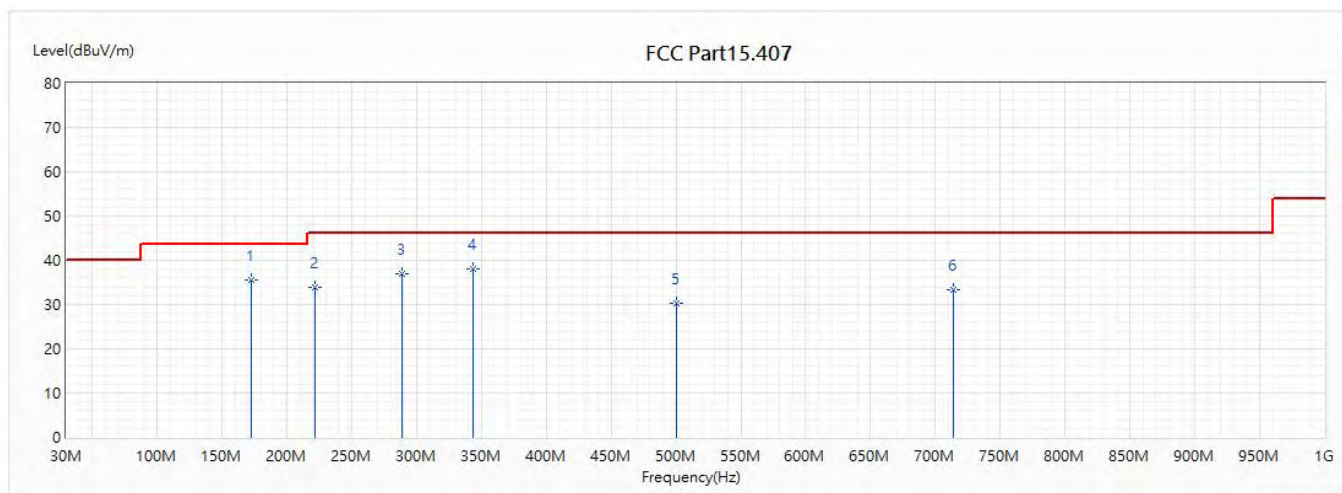


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	36.063	28.24	40.00	-11.76	44.42	-16.18	QP
2	110.995	28.92	43.50	-14.58	51.12	-22.20	QP
* 3	163.011	32.07	43.50	-11.43	53.91	-21.84	QP
4	291.779	33.44	46.00	-12.56	52.04	-18.60	QP
5	343.431	31.64	46.00	-14.36	49.44	-17.80	QP
6	746.83	33.45	46.00	-12.55	44.54	-11.09	QP

Note:

1. All Reading Levels is Quasi-Peak value.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The emission from 9KHz to 30MHz Radiated emission were not show in the test report, because Pre-scan lower than the limit line.

Site :	CB4-H	Engineer :	Carter
Model No :	RT-AC86U	Test Date :	2018/11/28
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 4: Tx_CDD Mode_ADP5		
Note :	802.11ac(80M)_5775MHz		



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	172.59	35.53	43.50	-7.97	57.30	-21.77	QP
2	221.939	33.87	46.00	-12.13	55.78	-21.91	QP
3	288.748	36.82	46.00	-9.18	55.57	-18.75	QP
* 4	343.431	38.12	46.00	-7.88	55.92	-17.80	QP
5	499.965	30.34	46.00	-15.66	44.55	-14.21	QP
6	714.093	33.46	46.00	-12.54	45.71	-12.25	QP

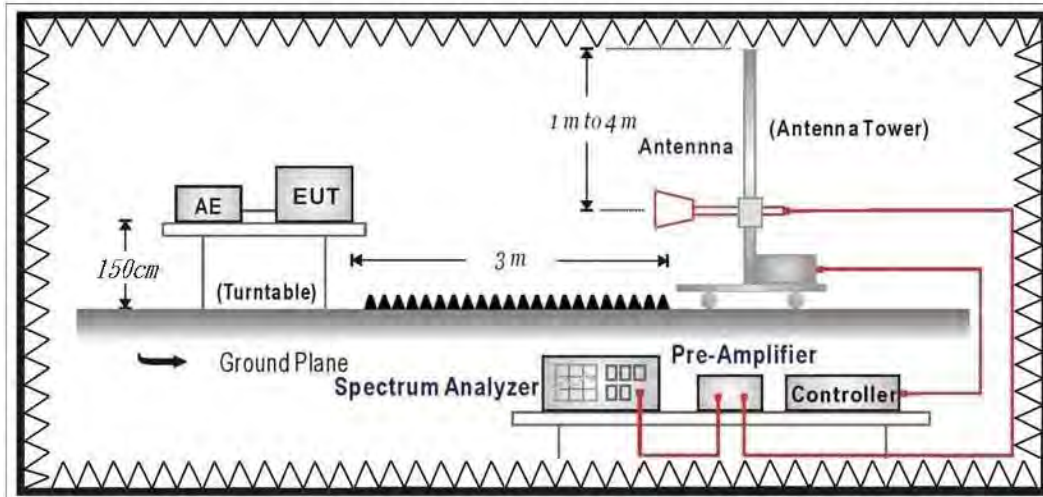
Note:

1. All Reading Levels is Quasi-Peak value.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The emission from 9KHz to 30MHz Radiated emission were not show in the test report, because Pre-scan lower than the limit line.

7. Band Edge

7.1. Test Setup

RF Radiated Measurement:



7.2. Limits

➤ General Radiated Emission Limits

The provisions of Section 15.205 of this part apply to intentional radiators operating under this section. Radiated emissions which fall in the restricted bands, as defined in Section 15.205, must also comply with the radiated emission limits specified in Section 15.209:

FCC Part 15 Subpart C Paragraph 15.209 Limits		
Frequency MHz	uV/m @3m	dBuV/m@3m
30 - 88	100	40
88 - 216	150	43.5
216 - 960	200	46
Above 960	500	54

ReMark:

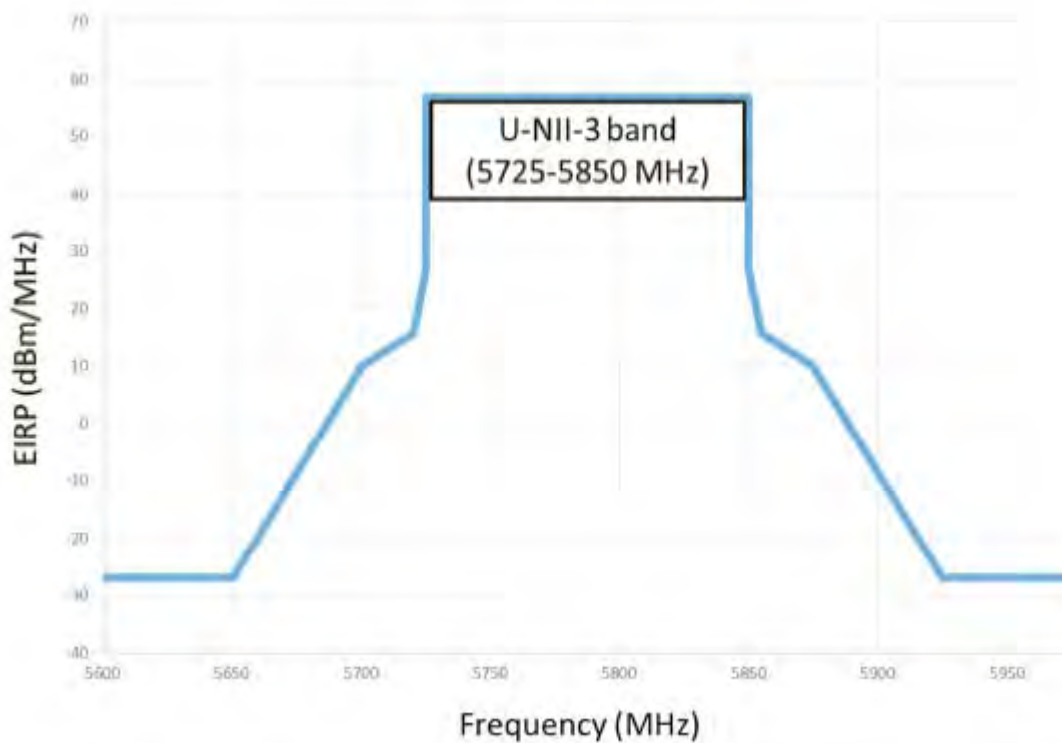
1. RF Voltage (dBuV) = 20 log RF Voltage (uV)
2. In the Above Table, the tighter limit applies at the band edges.
3. Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.

➤ Unwanted Emission out of the restricted bands Limits

FCC Part 15 Subpart E Paragraph 15.407(b) Limits		
Frequency (MHz)	EIRP Limit (dBm)	Equivalent Field Strength (dBuV/m@3m)
5150 - 5250	-27	68.3
5250 - 5350	-27	68.3
5470 - 5725	-27	68.3
5725 - 5850	-27 (Note1)	68.3
	-17 (Note2)	78.3

4. 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 27dBm/MHz at the band edge.
- (ii) Devices certified before March 2, 2017 with antenna gain greater than 10 dBi may demonstrate compliance with the emission limits in Section 15.247(d), but manufacturing, Marketing and importing of devices certified under this alternative must cease by March 2, 2018. Devices certified before March 2, 2018 with antenna gain of 10 dBi or less may demonstrate compliance with the emission limits in Section 15.247(d), but manufacturing, Marketing and importing of devices certified under this alternative must cease before March 2, 2020.



ReMark:

1. For frequencies more than 10 MHz above or below the band edges.
2. For frequency range from the band edges to 10 MHz above or below the band edges.
3.
$$\mu\text{V/m} = \frac{1000000 \sqrt{30 \times EIRP}}{3}$$
, RF Voltage (dBuV/m) = 20 log RF Voltage (uV/m)

7.3. Test Procedure

The EUT and its simulators are placed on a turn table which is 0.8 meter above ground.

The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT was positioned such that the distance from antenna to the EUT was 3 meters.

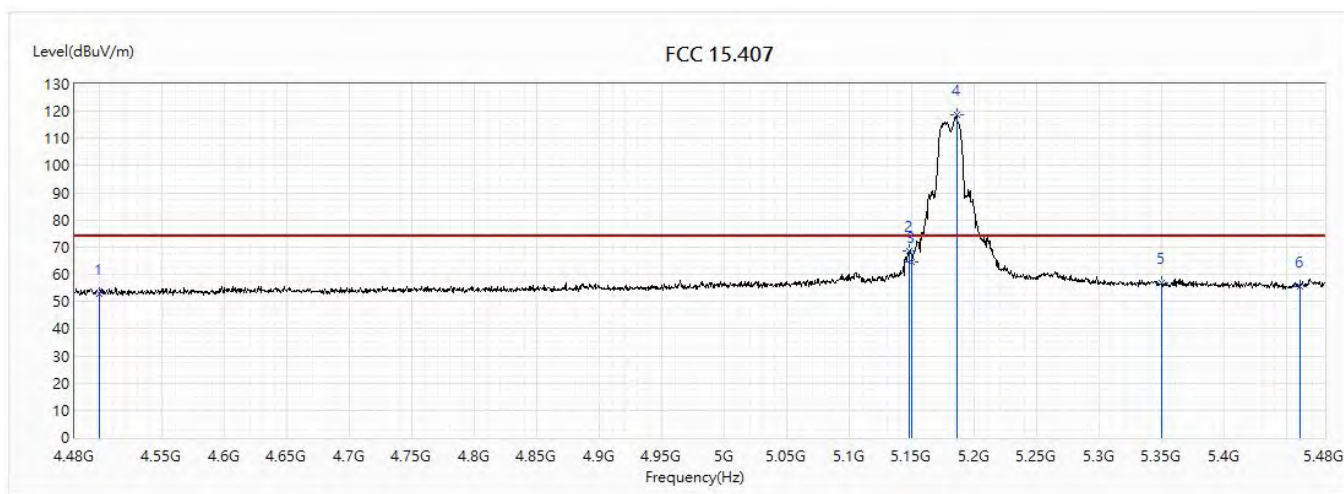
The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level.

Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated according to ANSI C63.10: 2013 on radiated measurement.

The bandwidth below 1GHz setting on the field strength meter is 120 KHz, above 1GHz are 1 MHz.

7.4. Test Result

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/11/19
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 1: Tx_CDD Mode_ADP1		
Note :	802.11a_5180MHz		

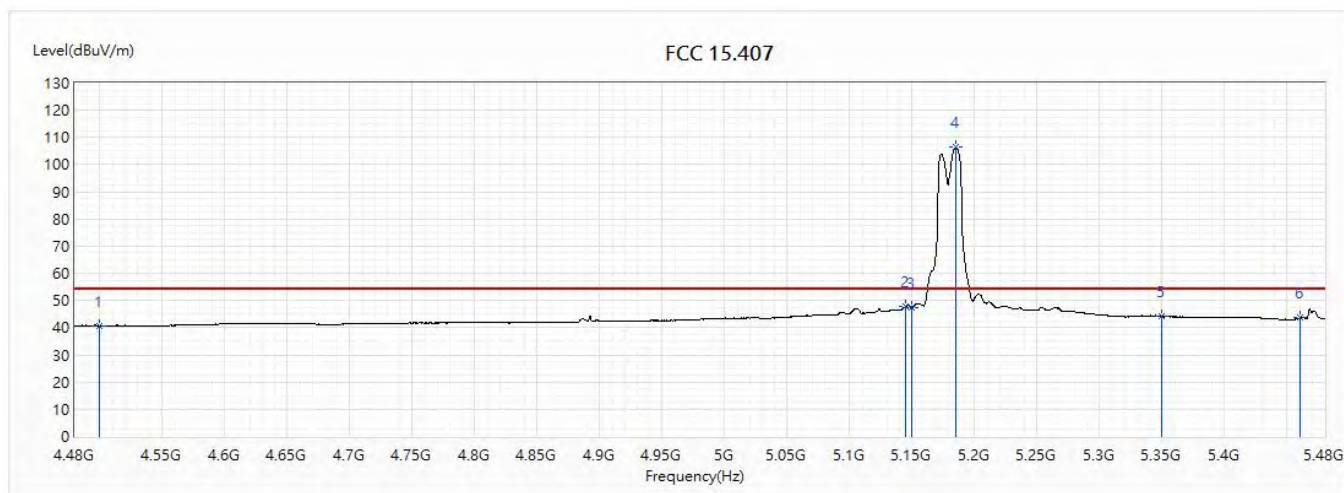


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500	52.85	74.00	-21.15	30.43	22.42	PK
2	5147.5	68.70	74.00	-5.30	44.91	23.79	PK
3	5150	64.66	74.00	-9.34	40.87	23.79	PK
! 4	5185.5	118.66	74.00	44.66	94.83	23.83	PK
5	5350	56.71	74.00	-17.29	32.68	24.03	PK
6	5460	55.56	74.00	-18.44	31.40	24.16	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/11/19
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 1: Tx_CDD Mode_AD P1		
Note :	802.11a_5180MHz		

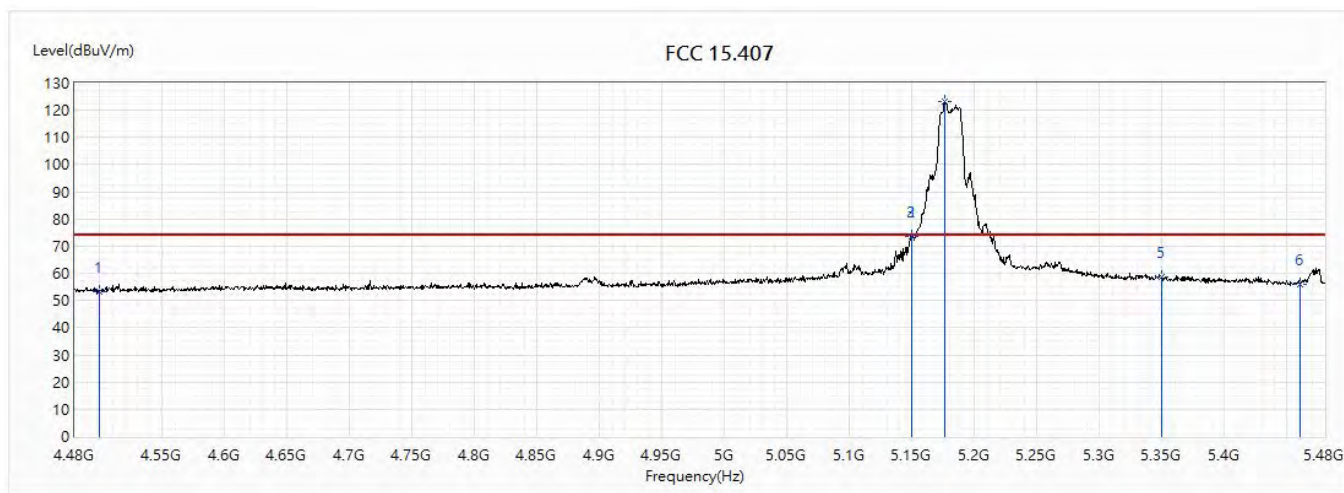


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500	40.78	54.00	-13.22	18.36	22.42	AV
2	5145	47.94	54.00	-6.06	24.16	23.78	AV
3	5150	47.28	54.00	-6.72	23.49	23.79	AV
! 4	5184.9	106.33	54.00	52.33	82.50	23.83	AV
5	5350	44.13	54.00	-9.87	20.10	24.03	AV
6	5460	43.61	54.00	-10.39	19.45	24.16	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/11/19
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 1: Tx_CDD Mode_ADP1		
Note :	802.11a_5180MHz		

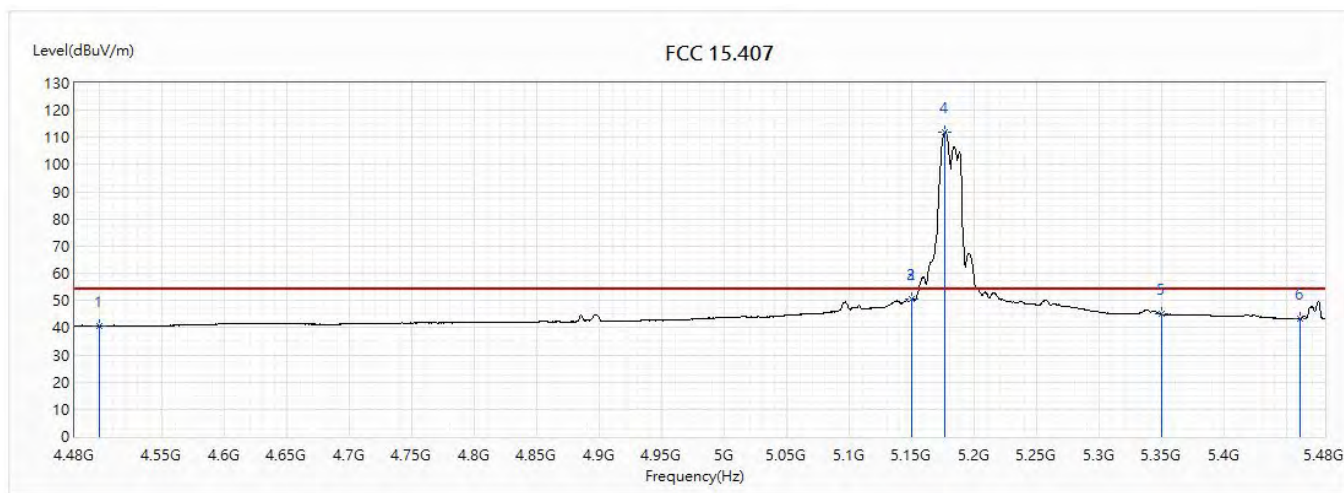


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500	53.46	74.00	-20.54	31.04	22.42	PK
2	5149.5	73.41	74.00	-0.59	49.62	23.79	PK
3	5150	73.50	74.00	-0.50	49.71	23.79	PK
! 4	5176	123.02	74.00	49.02	99.20	23.82	PK
5	5350	58.50	74.00	-15.50	34.47	24.03	PK
6	5460	56.09	74.00	-17.91	31.93	24.16	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/11/19
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 1: Tx_CDD Mode_AD P1		
Note :	802.11a_5180MHz		

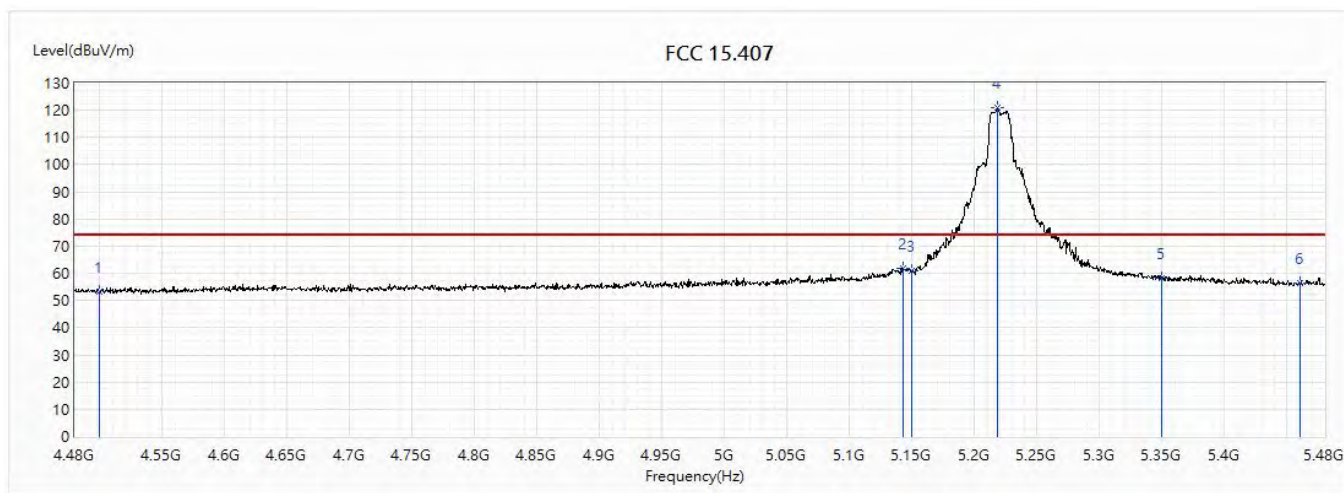


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500	40.80	54.00	-13.20	18.38	22.42	AV
2	5149.5	50.51	54.00	-3.49	26.72	23.79	AV
3	5150	50.72	54.00	-3.28	26.93	23.79	AV
! 4	5176.4	112.14	54.00	58.14	88.32	23.82	AV
5	5350	44.95	54.00	-9.05	20.92	24.03	AV
6	5460	43.30	54.00	-10.70	19.14	24.16	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/11/19
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 1: Tx_CDD Mode_ADP1		
Note :	802.11a_5220MHz		

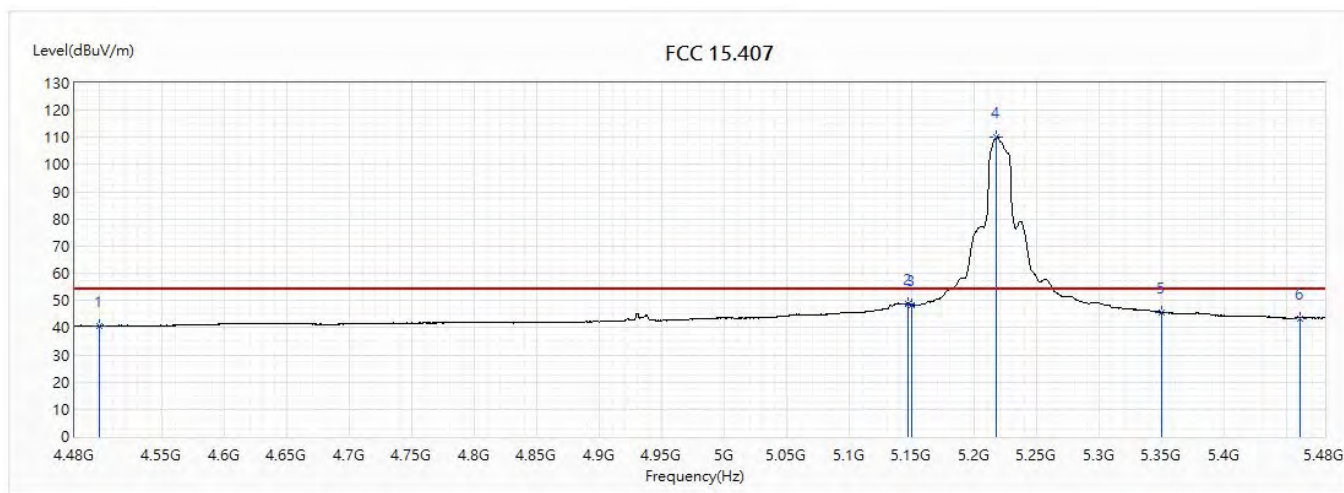


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500	53.22	74.00	-20.78	30.80	22.42	PK
2	5142.5	61.98	74.00	-12.02	38.20	23.78	PK
3	5150	60.72	74.00	-13.28	36.93	23.79	PK
! 4	5218.5	120.90	74.00	46.90	97.03	23.87	PK
5	5350	58.36	74.00	-15.64	34.33	24.03	PK
6	5460	56.50	74.00	-17.50	32.34	24.16	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/11/19
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 1: Tx_CDD Mode_AD P1		
Note :	802.11a_5220MHz		

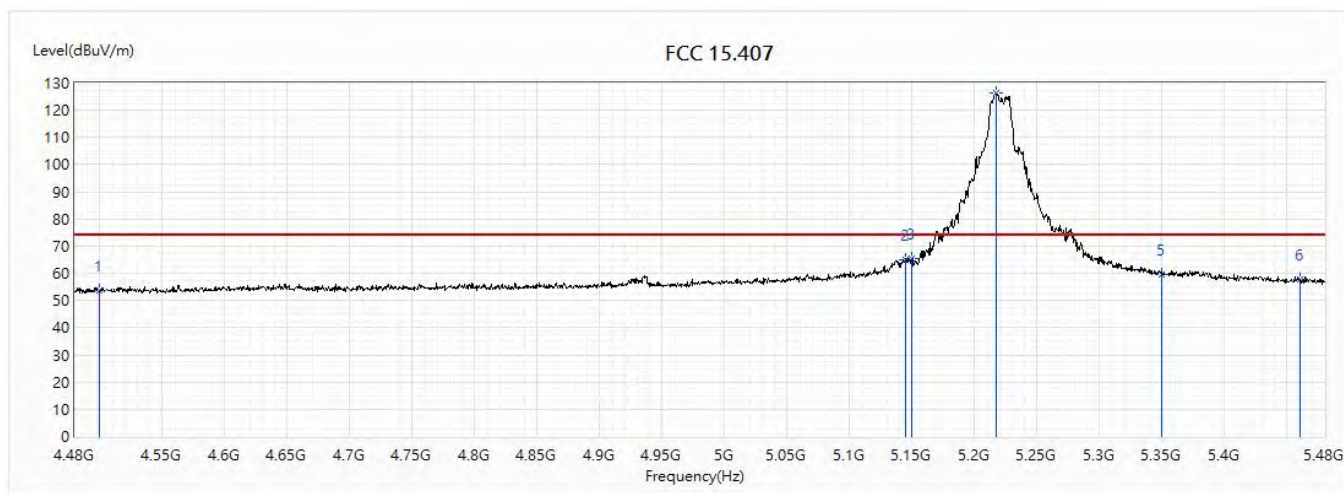


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500	40.79	54.00	-13.21	18.37	22.42	AV
2	5146.5	48.89	54.00	-5.11	25.11	23.78	AV
3	5150	48.08	54.00	-5.92	24.29	23.79	AV
! 4	5217.38	110.25	54.00	56.25	86.38	23.87	AV
5	5350	45.56	54.00	-8.44	21.53	24.03	AV
6	5460	43.55	54.00	-10.45	19.39	24.16	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/11/19
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 1: Tx_CDD Mode_AD P1		
Note :	802.11a_5220MHz		

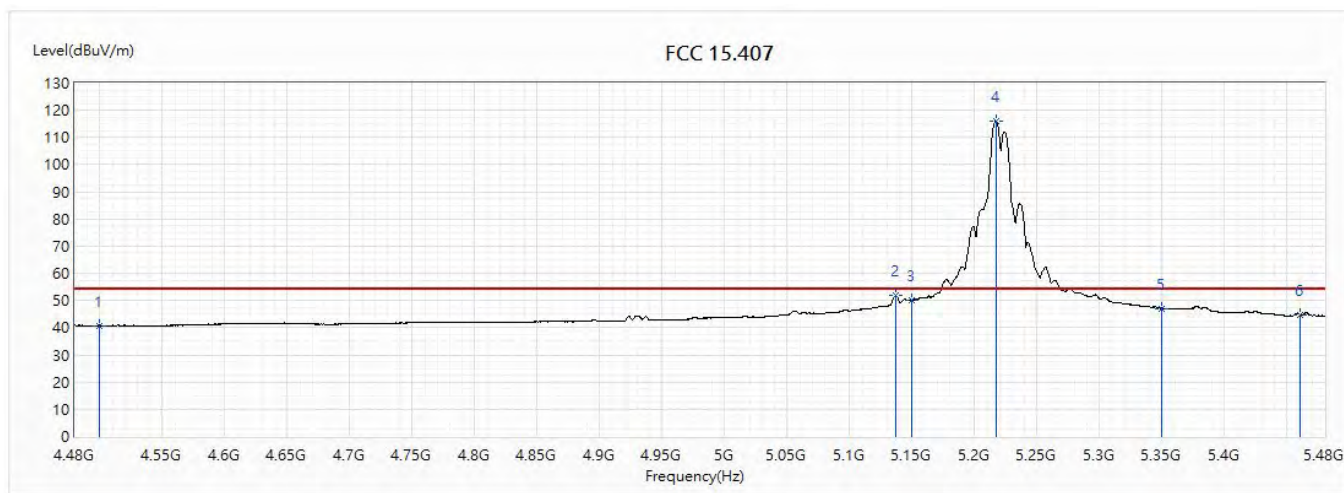


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500	53.55	74.00	-20.45	31.13	22.42	PK
2	5144.5	65.16	74.00	-8.84	41.38	23.78	PK
3	5150	65.33	74.00	-8.67	41.54	23.79	PK
! 4	5217.5	126.20	74.00	52.20	102.33	23.87	PK
5	5350	59.69	74.00	-14.31	35.66	24.03	PK
6	5460	57.66	74.00	-16.34	33.50	24.16	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/11/19
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 1: Tx_CDD Mode_ADP1		
Note :	802.11a_5220MHz		

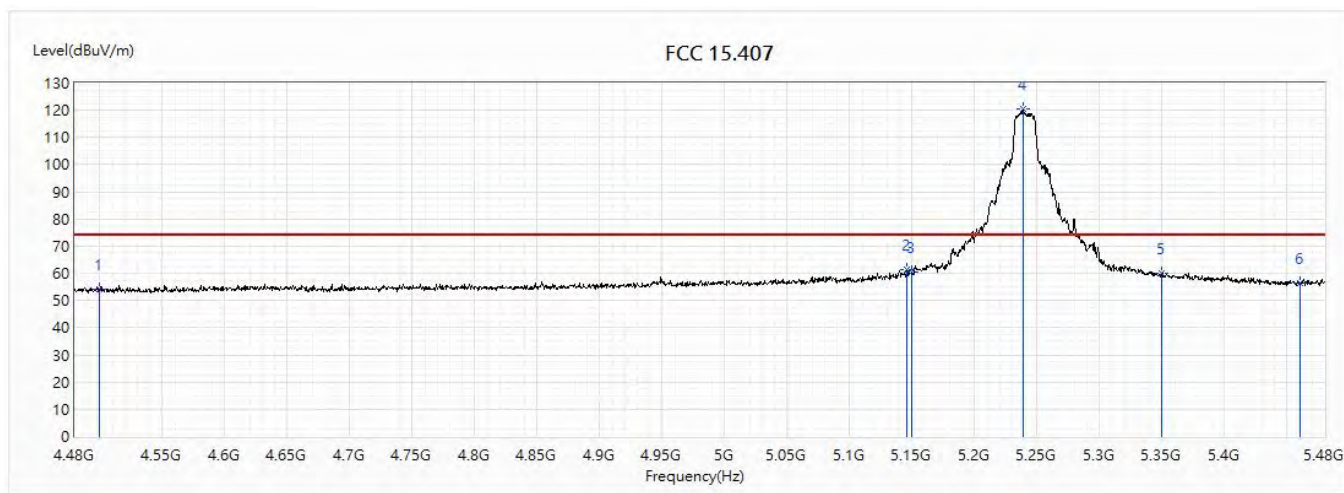


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500	40.78	54.00	-13.22	18.36	22.42	AV
2	5137	51.78	54.00	-2.22	28.01	23.77	AV
3	5150	50.24	54.00	-3.76	26.45	23.79	AV
! 4	5216.88	116.14	54.00	62.14	92.27	23.87	AV
5	5350	47.02	54.00	-6.98	22.99	24.03	AV
6	5460	44.81	54.00	-9.19	20.65	24.16	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/11/19
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 1: Tx_CDD Mode_ADP1		
Note :	802.11a_5240MHz		

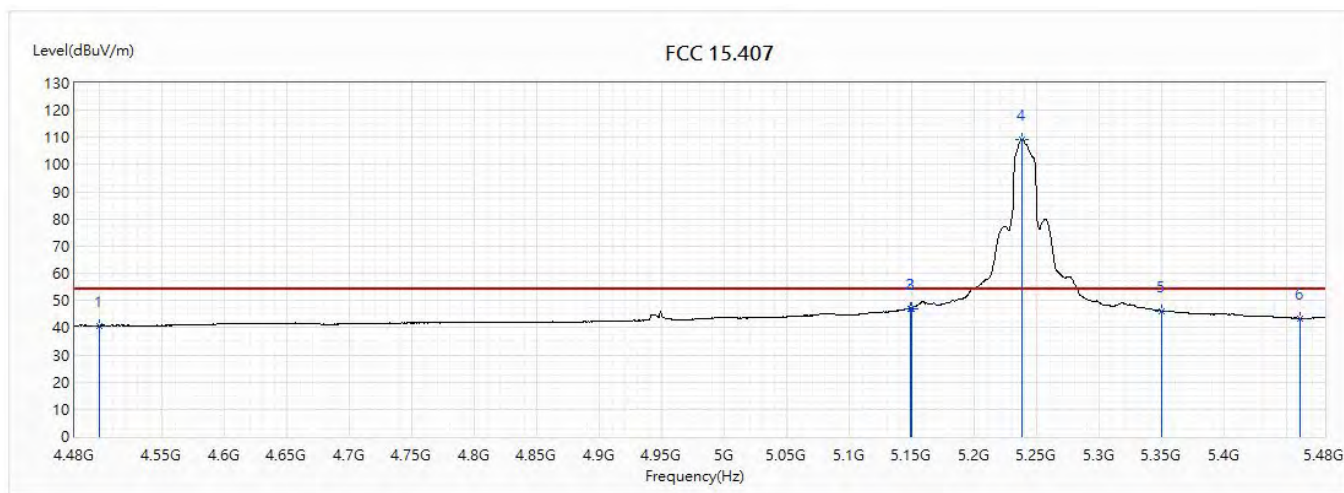


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500	54.04	74.00	-19.96	31.62	22.42	PK
2	5146	61.58	74.00	-12.42	37.79	23.79	PK
3	5150	60.27	74.00	-13.73	36.48	23.79	PK
! 4	5238.5	120.31	74.00	46.31	96.41	23.90	PK
5	5350	59.95	74.00	-14.05	35.92	24.03	PK
6	5460	56.64	74.00	-17.36	32.48	24.16	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/11/19
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 1: Tx_CDD Mode_AD P1		
Note :	802.11a_5240MHz		

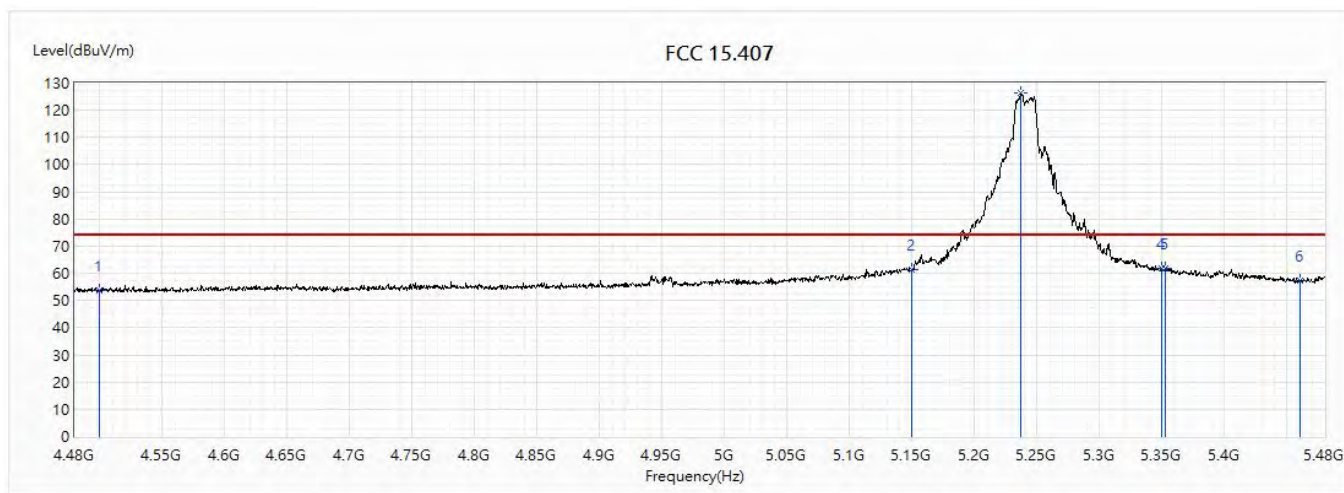


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500	40.81	54.00	-13.19	18.39	22.42	AV
2	5148.5	47.06	54.00	-6.94	23.27	23.79	AV
3	5150	47.09	54.00	-6.91	23.30	23.79	AV
! 4	5237.87	109.42	54.00	55.42	85.52	23.90	AV
5	5350	46.14	54.00	-7.86	22.11	24.03	AV
6	5460	43.47	54.00	-10.53	19.31	24.16	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/11/19
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 1: Tx_CDD Mode_ADP1		
Note :	802.11a_5240MHz		

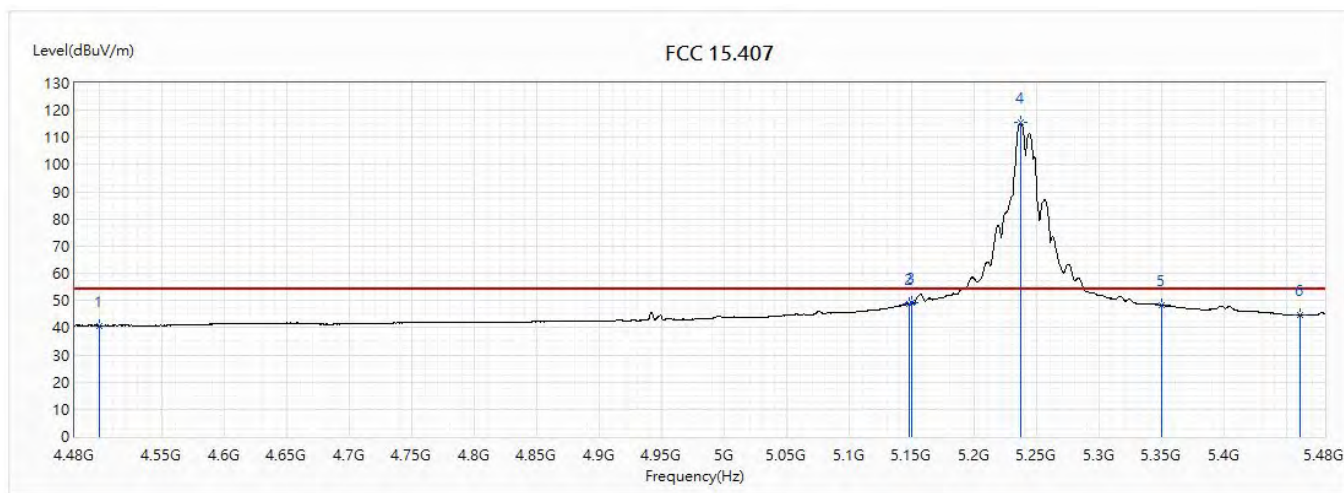


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500	53.79	74.00	-20.21	31.37	22.42	PK
2	5150	61.30	74.00	-12.70	37.51	23.79	PK
! 3	5237	126.40	74.00	52.40	102.51	23.89	PK
4	5350	61.82	74.00	-12.18	37.79	24.03	PK
5	5352.5	61.95	74.00	-12.05	37.92	24.03	PK
6	5460	57.18	74.00	-16.82	33.02	24.16	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/11/19
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 1: Tx_CDD Mode_ADP1		
Note :	802.11a_5240MHz		

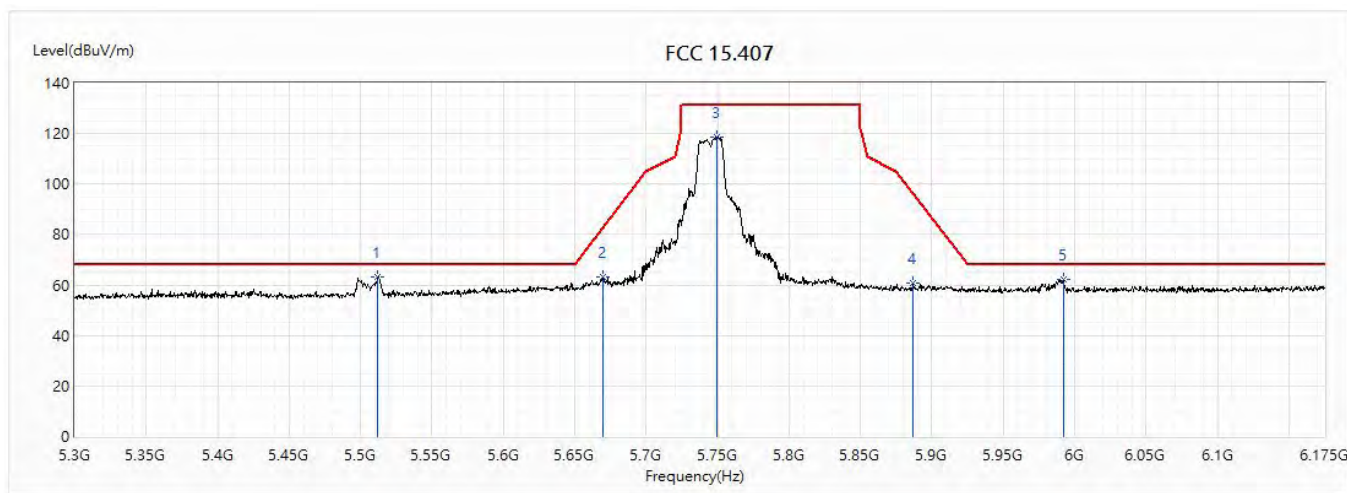


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500	40.80	54.00	-13.20	18.38	22.42	AV
2	5147.5	48.81	54.00	-5.19	25.02	23.79	AV
3	5150	49.05	54.00	-4.95	25.26	23.79	AV
! 4	5236.87	115.55	54.00	61.55	91.66	23.89	AV
5	5350	48.27	54.00	-5.73	24.24	24.03	AV
6	5460	44.54	54.00	-9.46	20.38	24.16	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/11/19
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 1: Tx_CDD Mode_ADP1		
Note :	802.11a_5745MHz		

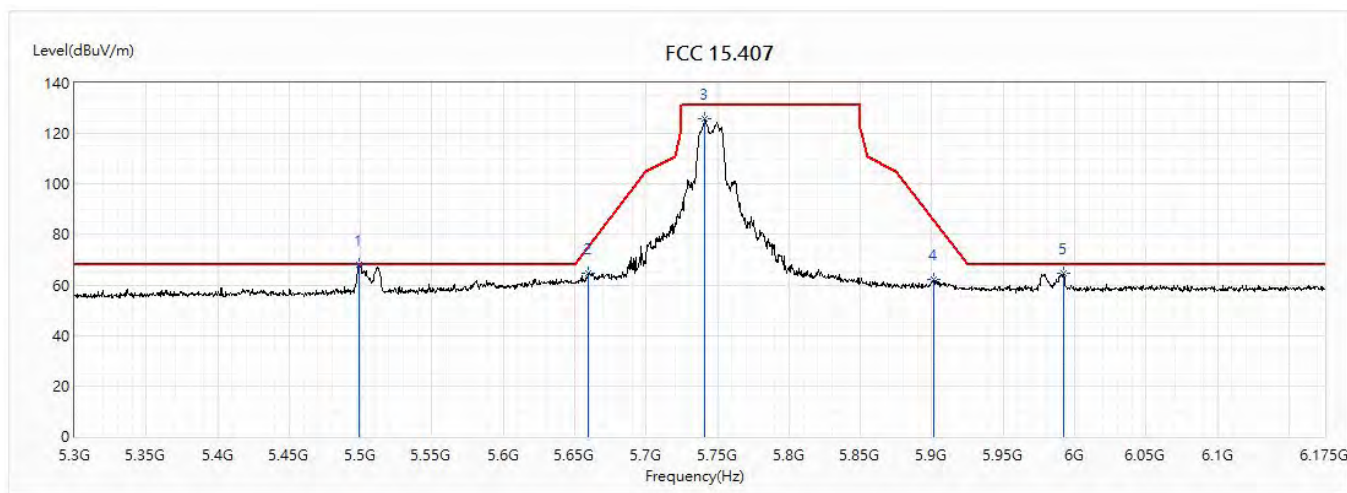


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
* 1	5512.188	63.02	68.20	-5.18	38.77	24.25	PK
2	5670.125	63.06	83.09	-20.03	38.22	24.84	PK
3	5749.75	118.82	131.20	-12.38	93.67	25.15	PK
4	5887.125	60.55	96.23	-35.68	34.88	25.67	PK
5	5992.125	62.15	68.20	-6.05	36.08	26.07	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/11/19
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 1: Tx_CDD Mode_ADP1		
Note :	802.11a_5745MHz		

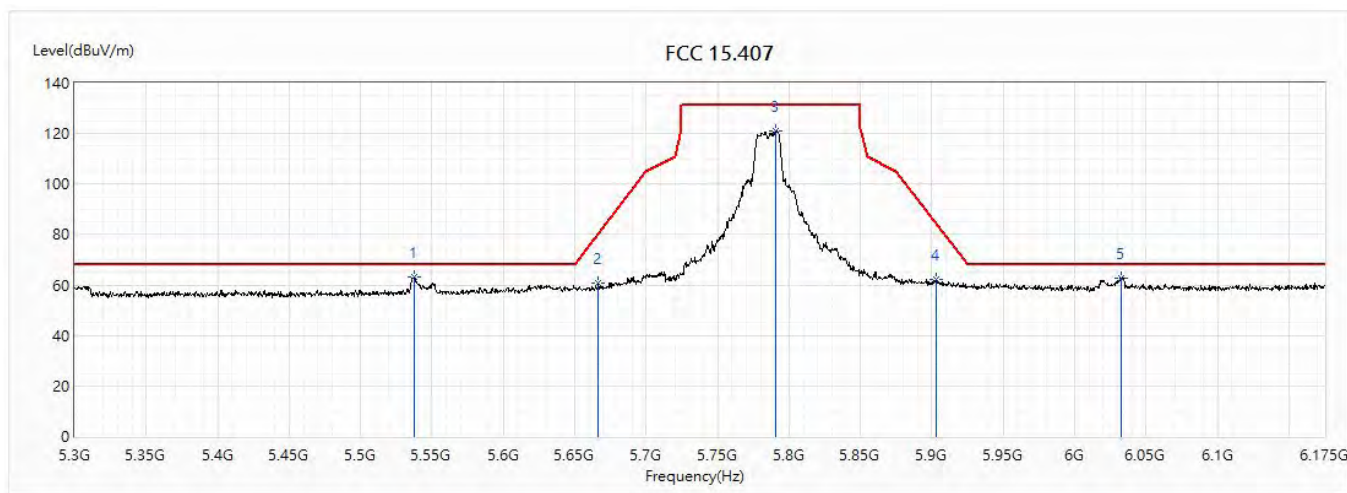


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
* 1	5498.625	67.99	68.20	-0.21	43.78	24.21	PK
2	5659.625	64.82	75.32	-10.50	40.01	24.81	PK
3	5741	125.87	131.20	-5.33	100.77	25.10	PK
4	5901.125	62.01	85.87	-23.86	36.29	25.72	PK
5	5992.125	64.46	68.20	-3.74	38.39	26.07	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/11/19
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 1: Tx_CDD Mode_ADP1		
Note :	802.11a_5785MHz		

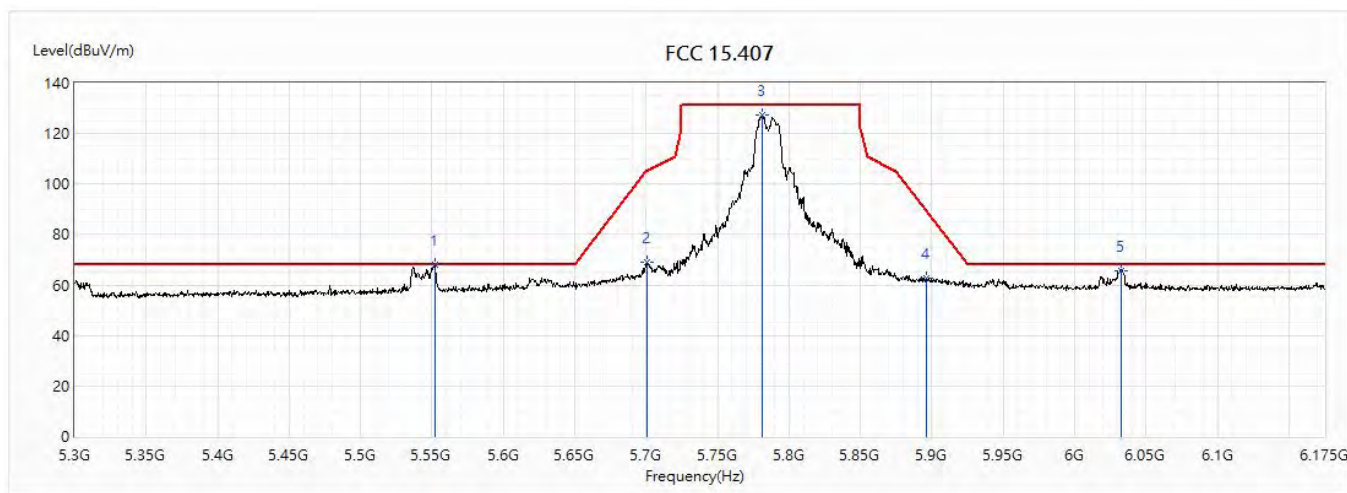


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
* 1	5538	63.26	68.20	-4.94	38.91	24.35	PK
2	5666.625	60.93	80.50	-19.57	36.10	24.83	PK
3	5790.875	121.02	131.20	-10.18	95.73	25.29	PK
4	5902.875	62.06	84.57	-22.51	36.33	25.73	PK
5	6032.813	62.94	68.20	-5.26	36.75	26.19	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/11/19
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 1: Tx_CDD Mode_ADP1		
Note :	802.11a_5785MHz		

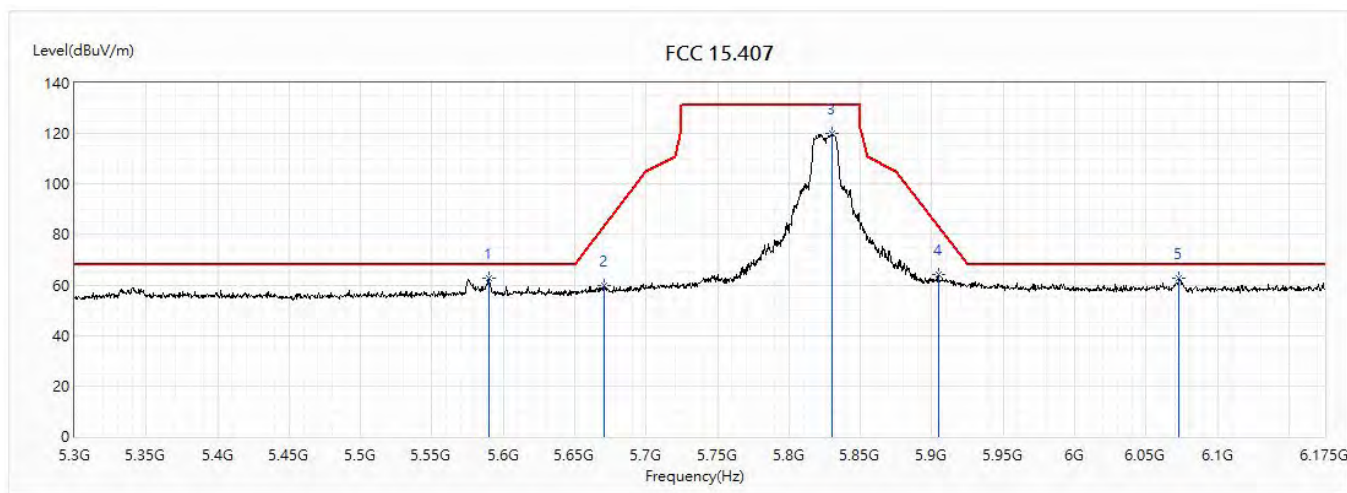


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
* 1	5552	67.98	68.20	-0.22	43.59	24.39	PK
2	5700.75	69.03	105.41	-36.38	44.07	24.96	PK
3	5781.25	127.38	131.20	-3.82	102.11	25.27	PK
4	5895.875	62.92	89.75	-26.84	37.23	25.69	PK
5	6032.813	65.82	68.20	-2.38	39.63	26.19	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/11/19
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 1: Tx_CDD Mode_ADP1		
Note :	802.11a_5825MHz		

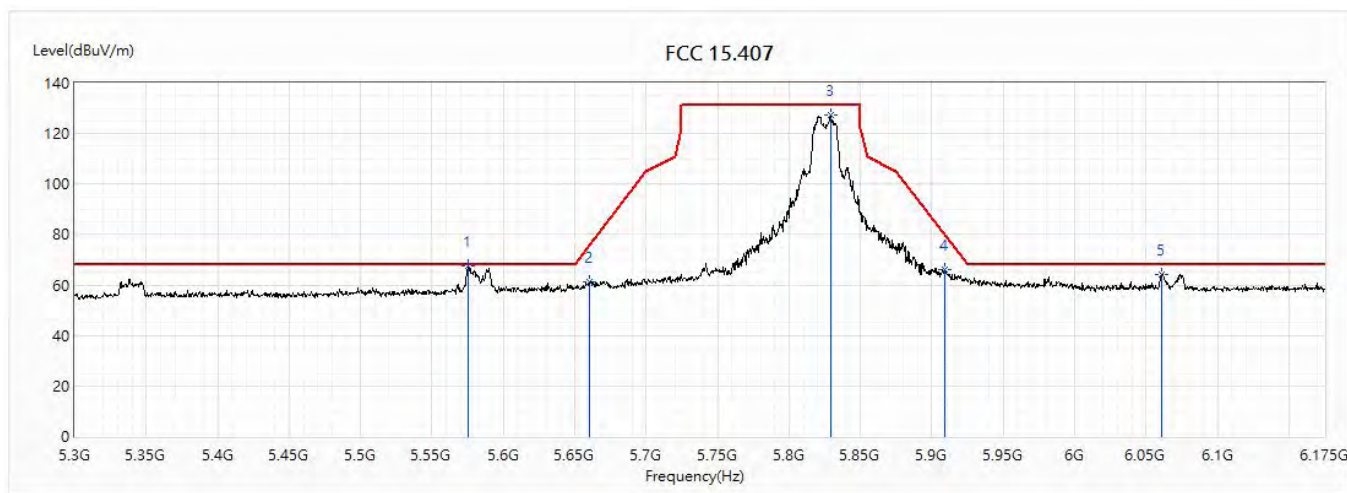


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	5589.625	62.68	68.20	-5.52	38.14	24.54	PK
2	5670.563	59.71	83.42	-23.70	34.86	24.85	PK
3	5829.813	119.97	131.20	-11.23	94.52	25.45	PK
4	5904.625	64.10	83.28	-19.18	38.37	25.73	PK
* 5	6073.063	62.74	68.20	-5.46	36.42	26.32	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/11/19
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 1: Tx_CDD Mode_ADP1		
Note :	802.11a_5825MHz		

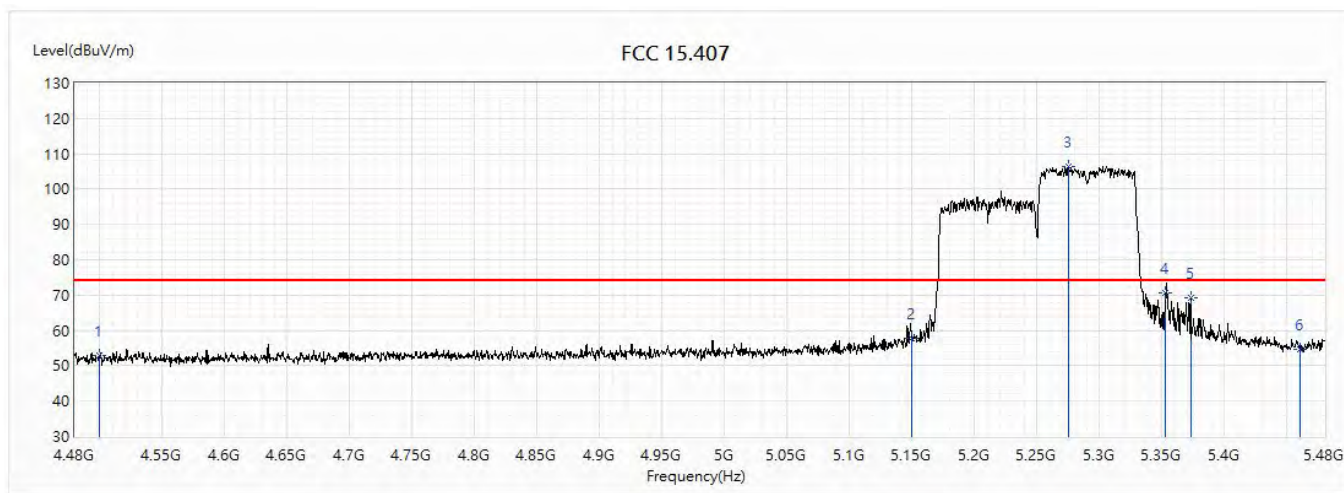


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
* 1	5575.625	67.48	68.20	-0.72	42.99	24.49	PK
2	5660.5	61.11	75.97	-14.86	36.30	24.81	PK
3	5828.938	127.19	131.20	-4.01	101.74	25.45	PK
4	5909.438	65.97	79.72	-13.75	40.22	25.75	PK
5	6060.813	64.00	68.20	-4.20	37.72	26.28	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/10/19
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 5: TX_CDD Mode_ac(80MHz+80MHz)		
Note :	802.11ac(80+80M)_5210+5290MHz		

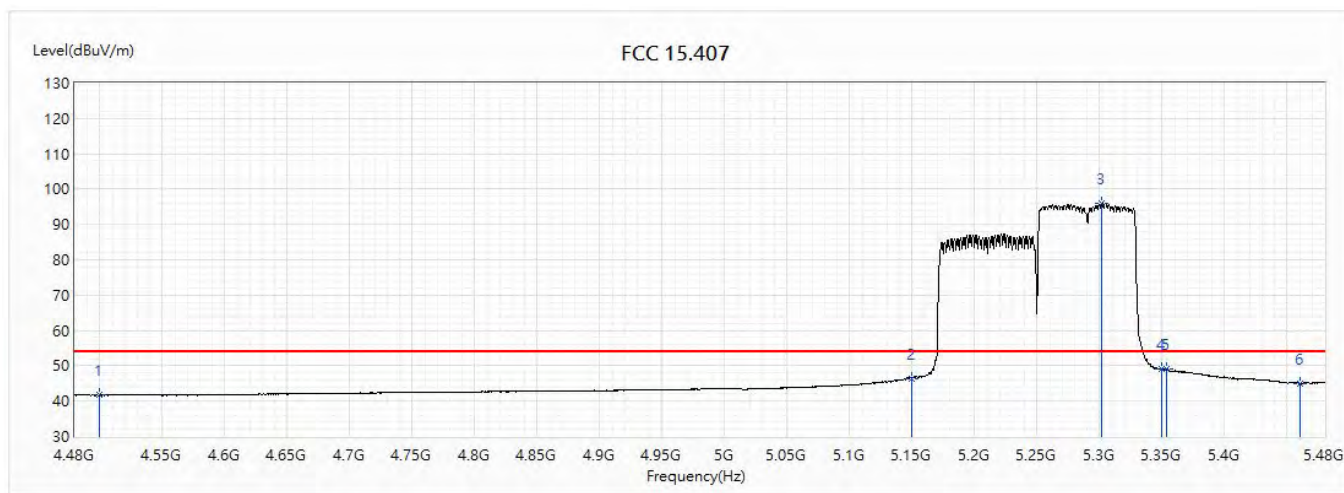


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500	52.95	74.00	-21.05	30.74	22.21	PK
2	5150	57.73	74.00	-16.27	33.97	23.76	PK
! 3	5275	106.51	74.00	32.51	82.63	23.88	PK
4	5353	70.72	74.00	-3.28	46.76	23.96	PK
5	5373	69.20	74.00	-4.80	45.22	23.98	PK
6	5460	54.63	74.00	-19.37	30.56	24.07	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/10/19
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 5: TX CDD Mode ac(80MHz+80MHz)		
Note :	802.11ac(80+80M)_5210+5290MHz		

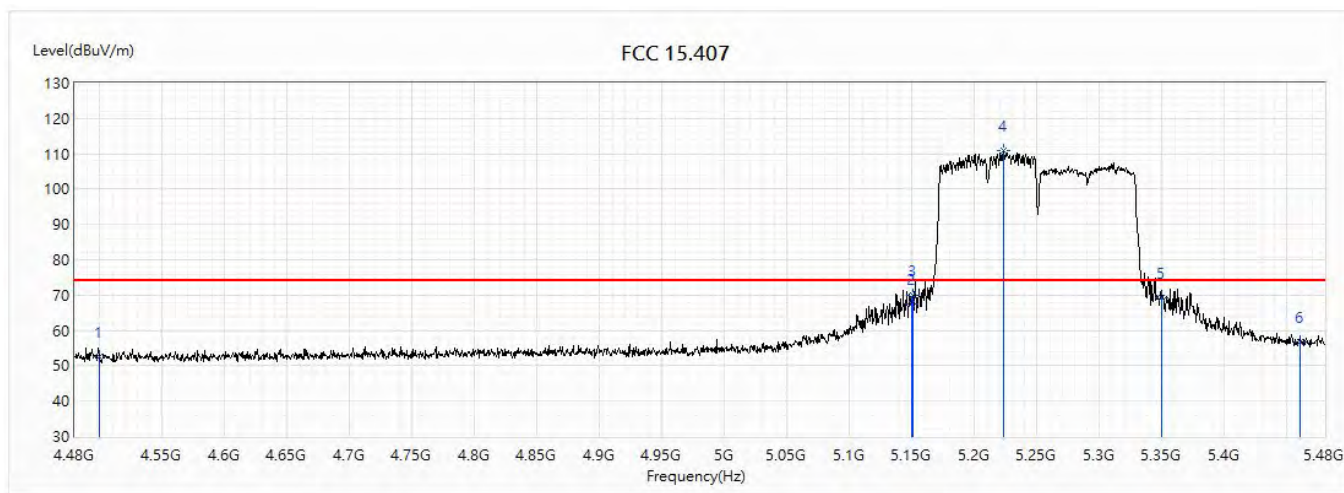


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500	41.65	54.00	-12.35	19.44	22.21	AV
2	5150	46.41	54.00	-7.59	22.65	23.76	AV
! 3	5302	95.84	54.00	41.84	71.93	23.91	AV
4	5350	49.10	54.00	-4.90	25.14	23.96	AV
5	5353.5	48.99	54.00	-5.01	25.03	23.96	AV
6	5460	45.08	54.00	-8.92	21.01	24.07	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/10/19
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 5: TX CDD Mode ac(80MHz+80MHz)		
Note :	802.11ac(80+80M)_5210+5290MHz		

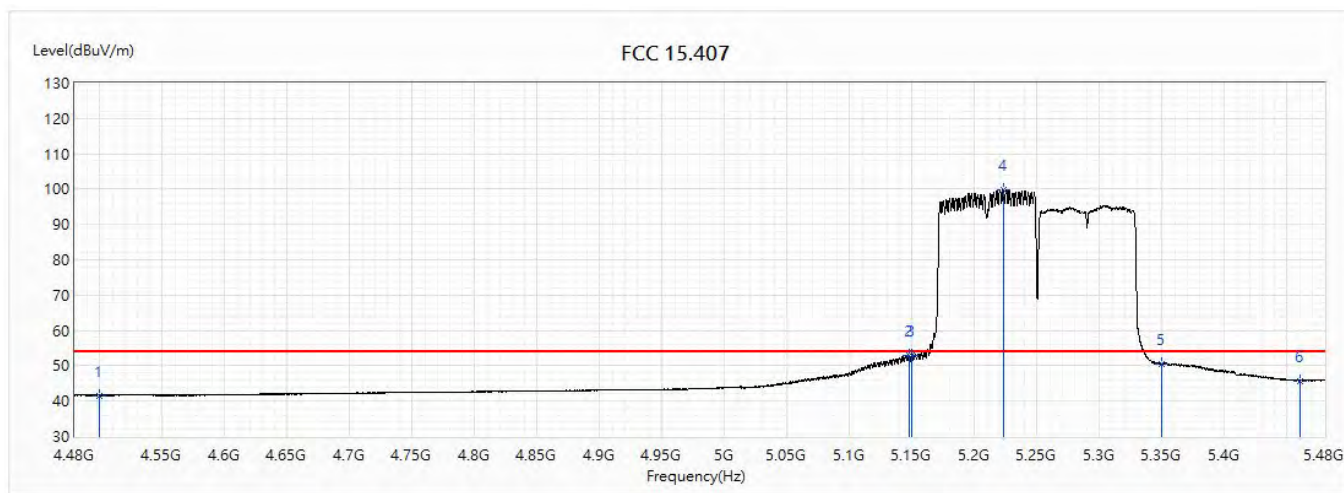


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500	52.53	74.00	-21.47	30.32	22.21	PK
2	5150	67.60	74.00	-6.40	43.84	23.76	PK
3	5150.5	70.06	74.00	-3.94	46.30	23.76	PK
! 4	5223	110.79	74.00	36.79	86.96	23.83	PK
5	5350	69.30	74.00	-4.70	45.34	23.96	PK
6	5460	56.67	74.00	-17.33	32.60	24.07	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/10/19
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 5: TX CDD Mode ac(80MHz+80MHz)		
Note :	802.11ac(80+80M)_5210+5290MHz		

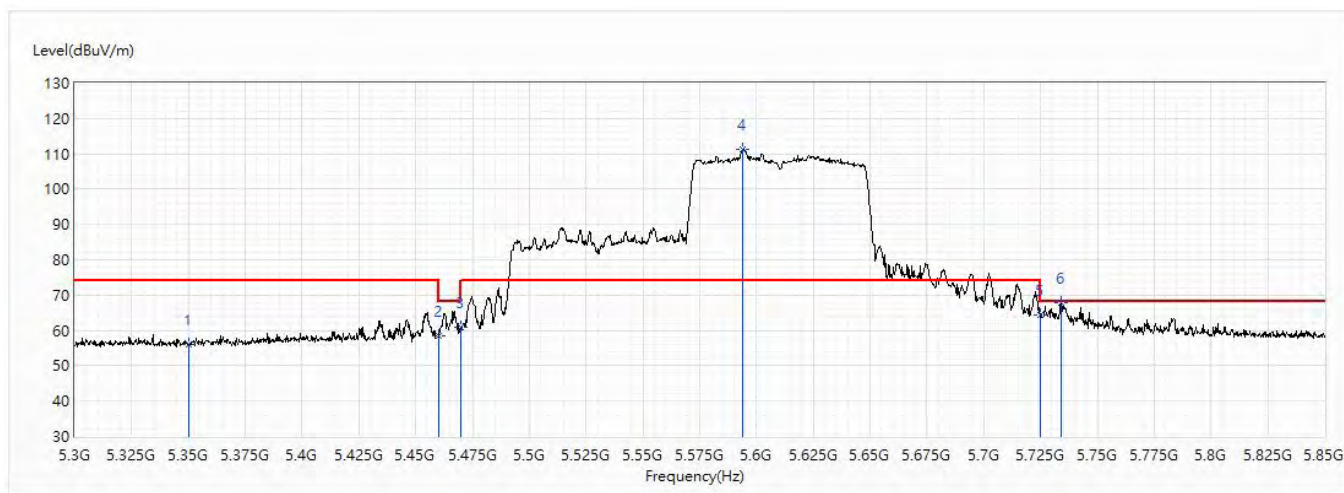


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500	41.63	54.00	-12.37	19.42	22.21	AV
2	5147.2	52.92	54.00	-1.08	29.16	23.76	AV
3	5150	53.07	54.00	-0.93	29.31	23.76	AV
! 4	5222.8	99.92	54.00	45.92	76.09	23.83	AV
5	5350	50.50	54.00	-3.50	26.54	23.96	AV
6	5460	45.78	54.00	-8.22	21.71	24.07	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/12/27
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 6: TX_CDD Mode_ac(160MHz)		
Note :	802.11ac(160M)_5570MHz		

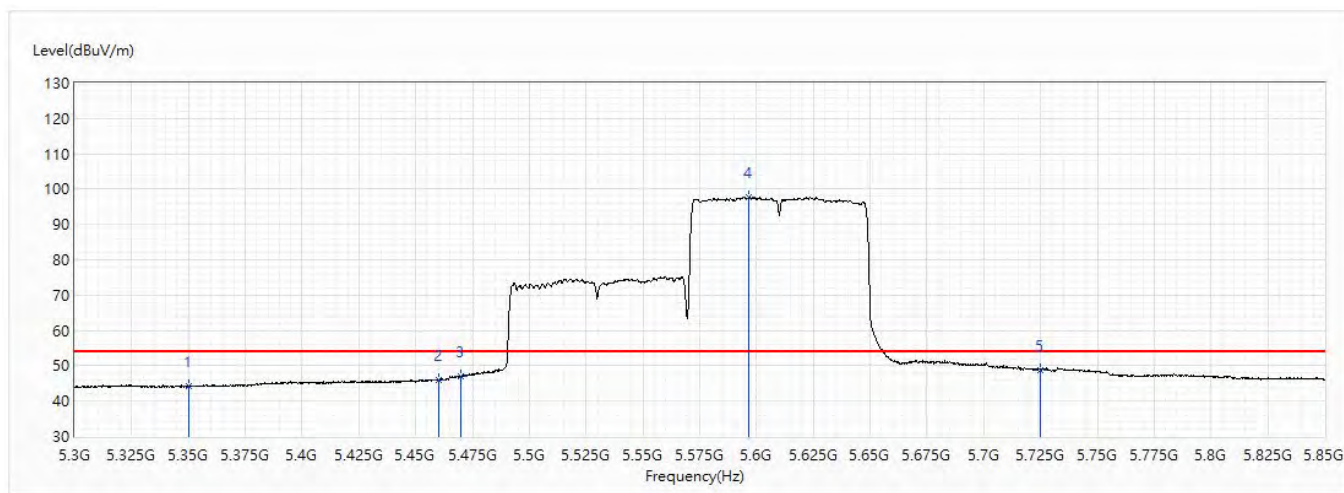


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	5350	56.20	74.00	-17.80	30.23	25.97	PK
2	5460	58.63	74.00	-15.37	32.34	26.29	PK
3	5470	60.90	68.20	-7.30	34.57	26.33	PK
! 4	5593.975	111.27	74.00	37.27	84.44	26.83	PK
5	5725	64.24	74.00	-9.76	36.83	27.41	PK
6	5733.95	67.75	68.20	-0.45	40.30	27.45	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/12/27
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 6: TX_CDD Mode_ac(160MHz)		
Note :	802.11ac(160M)_5570MHz		

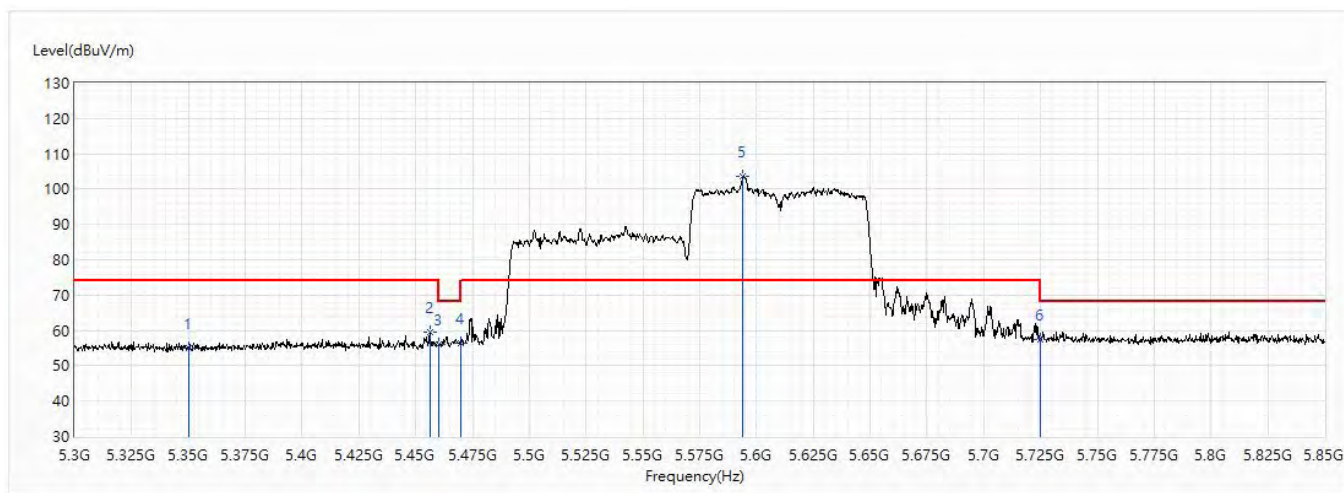


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	5350	44.19	54.00	-9.81	18.22	25.97	AV
2	5460	45.97	54.00	-8.03	19.68	26.29	AV
3	5470	47.13	54.00	-6.87	20.80	26.33	AV
! 4	5596.725	97.73	54.00	43.73	70.89	26.84	AV
5	5725	48.84	54.00	-5.16	21.43	27.41	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/12/27
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 6: TX_CDD Mode_ac(160MHz)		
Note :	802.11ac(160M)_5570MHz		

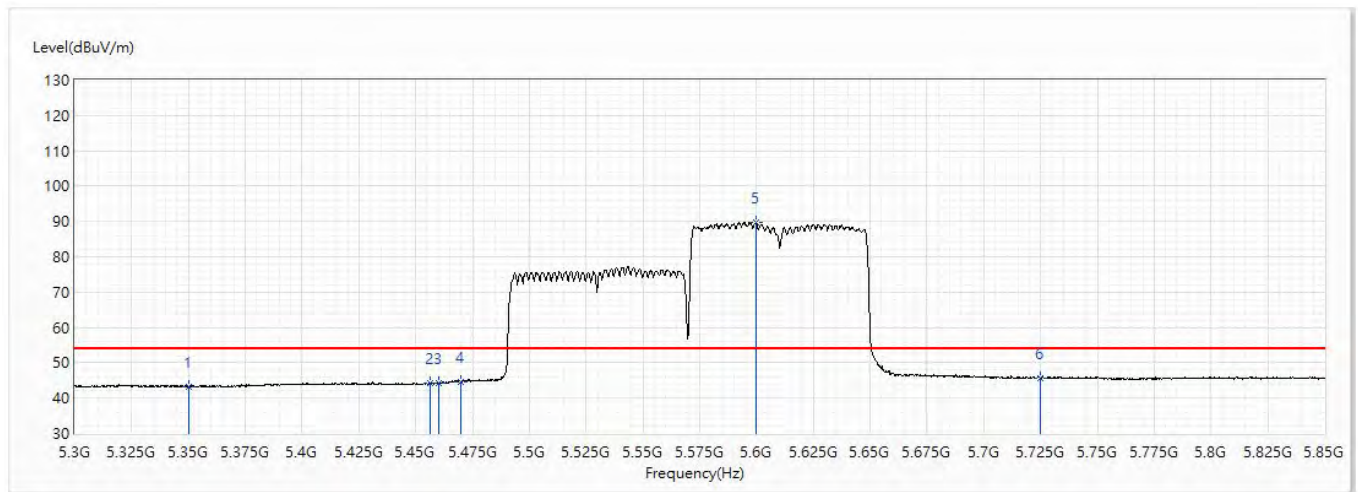


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	5350	54.86	74.00	-19.14	28.89	25.97	PK
2	5456.2	59.35	74.00	-14.65	33.07	26.28	PK
3	5460	56.09	74.00	-17.91	29.80	26.29	PK
4	5470	56.30	68.20	-11.90	29.97	26.33	PK
! 5	5593.975	103.48	74.00	29.48	76.65	26.83	PK
6	5725	57.49	74.00	-16.51	30.08	27.41	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/12/27
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 6: TX_CDD Mode_ac(160MHz)		
Note :	802.11ac(160M)_5570MHz		

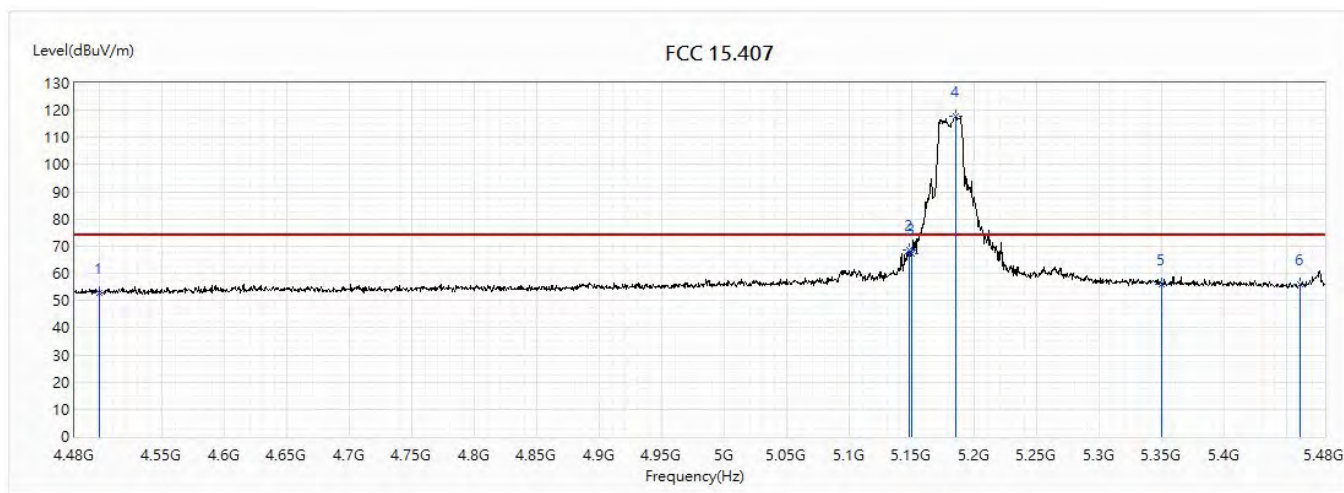


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	5350	43.28	54.00	-10.72	17.31	25.97	AV
2	5456.2	44.21	54.00	-9.79	17.93	26.28	AV
3	5460	44.19	54.00	-9.81	17.90	26.29	AV
4	5470	44.64	54.00	-9.36	18.31	26.33	AV
! 5	5599.75	89.85	54.00	35.85	62.99	26.86	AV
6	5725	45.70	54.00	-8.30	18.29	27.41	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/11/19
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 7: TX_BF Mode_NSS1		
Note :	802.11ac(20M)_5180MHz		

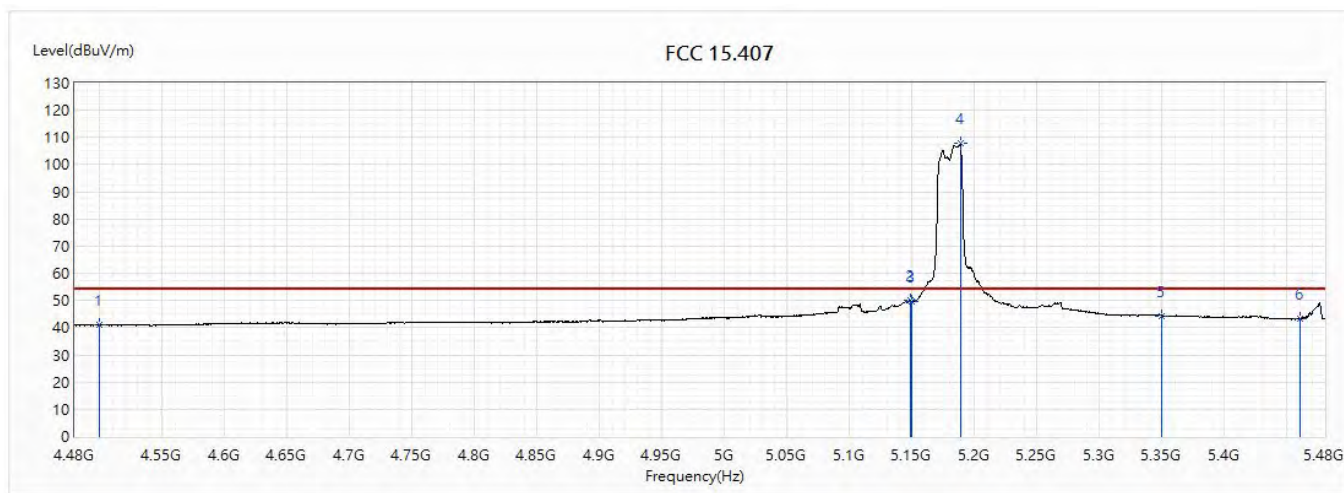


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500	52.82	74.00	-21.18	30.40	22.42	PK
2	5148	68.60	74.00	-5.40	44.81	23.79	PK
3	5150	67.44	74.00	-6.56	43.65	23.79	PK
! 4	5184.9	117.81	74.00	43.81	93.98	23.83	PK
5	5350	55.81	74.00	-18.19	31.78	24.03	PK
6	5460	55.94	74.00	-18.06	31.78	24.16	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/11/19
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 7: TX BF Mode NSS1		
Note :	802.11ac(20M)_5180MHz		

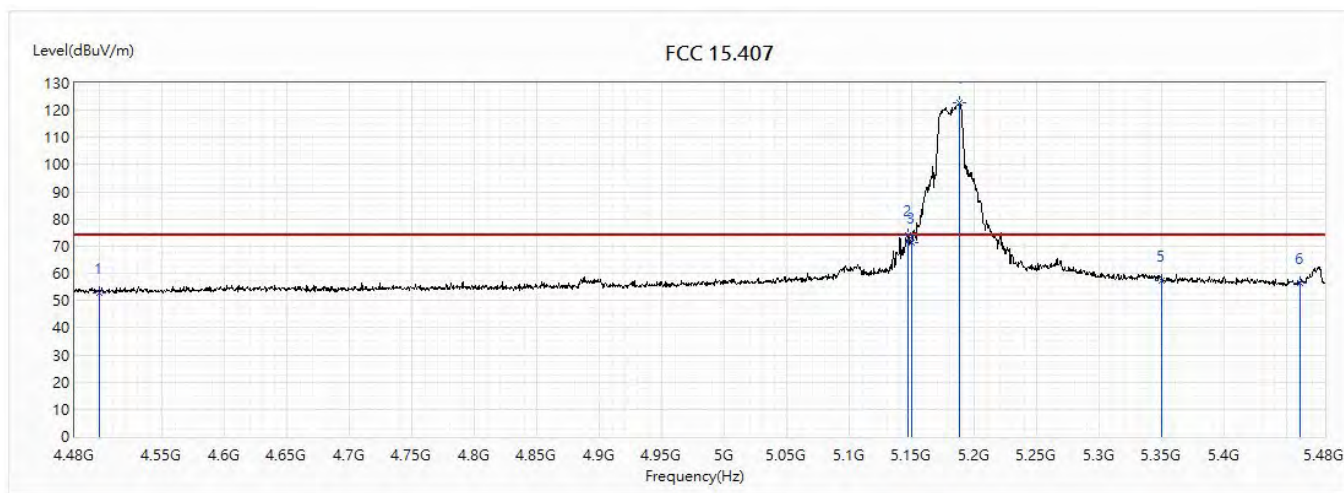


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500	40.89	54.00	-13.11	18.47	22.42	AV
2	5148.5	50.09	54.00	-3.91	26.30	23.79	AV
3	5150	49.44	54.00	-4.56	25.65	23.79	AV
! 4	5188.4	107.68	54.00	53.68	83.84	23.84	AV
5	5350	44.42	54.00	-9.58	20.39	24.03	AV
6	5460	43.38	54.00	-10.62	19.22	24.16	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/11/19
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 7: TX_BF Mode_NSS1		
Note :	802.11ac(20M)_5180MHz		

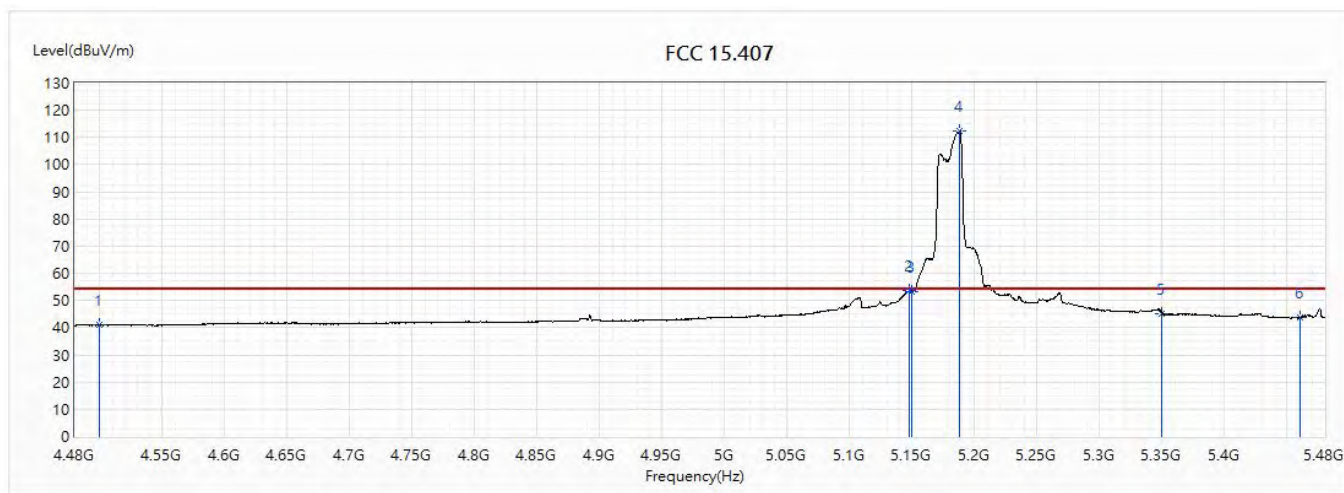


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500	53.00	74.00	-21.00	30.58	22.42	PK
2	5147	73.95	74.00	-0.05	50.16	23.79	PK
3	5150	71.48	74.00	-2.52	47.69	23.79	PK
! 4	5188	122.67	74.00	48.67	98.83	23.84	PK
5	5350	57.20	74.00	-16.80	33.17	24.03	PK
6	5460	56.41	74.00	-17.59	32.25	24.16	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/11/19
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 7: TX_BF Mode_NSS1		
Note :	802.11ac(20M)_5180MHz		

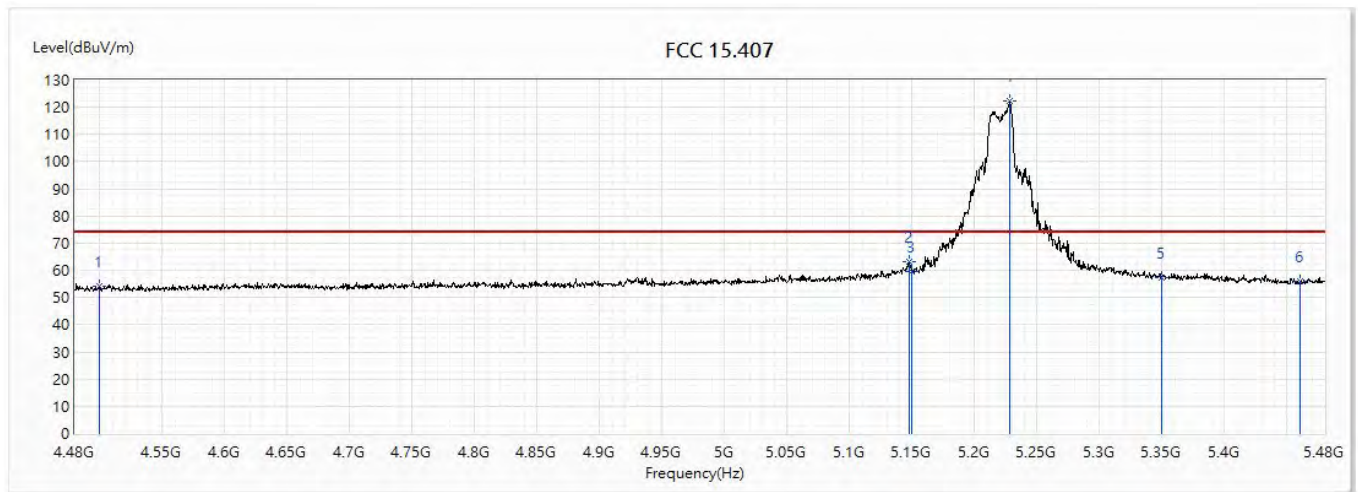


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500	40.89	54.00	-13.11	18.47	22.42	AV
2	5147.5	53.60	54.00	-0.40	29.81	23.79	AV
3	5150	53.33	54.00	-0.67	29.54	23.79	AV
! 4	5187.9	112.43	54.00	58.43	88.59	23.84	AV
5	5350	45.20	54.00	-8.80	21.17	24.03	AV
6	5460	43.68	54.00	-10.32	19.52	24.16	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/11/20
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 7: TX_BF Mode_NSS1		
Note :	802.11ac(20M)_5220MHz		

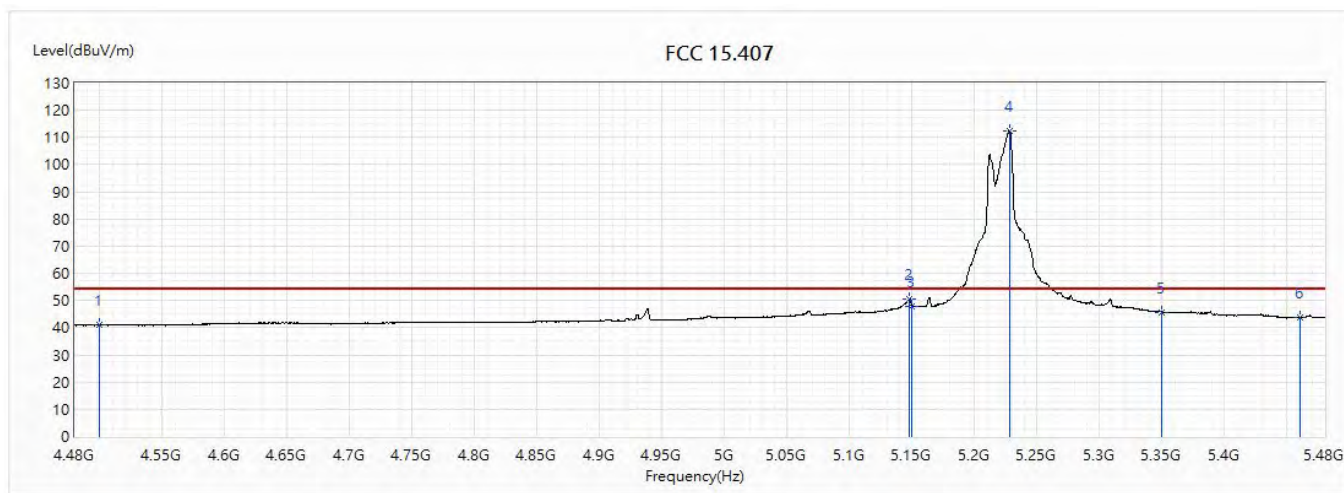


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500	54.11	74.00	-19.89	31.69	22.42	PK
2	5147.5	63.21	74.00	-10.79	39.42	23.79	PK
3	5150	59.38	74.00	-14.62	35.59	23.79	PK
! 4	5228.5	122.13	74.00	48.13	98.25	23.88	PK
5	5350	57.29	74.00	-16.71	33.26	24.03	PK
6	5460	56.17	74.00	-17.83	32.01	24.16	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/11/20
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 7: TX_BF Mode_NSS1		
Note :	802.11ac(20M)_5220MHz		

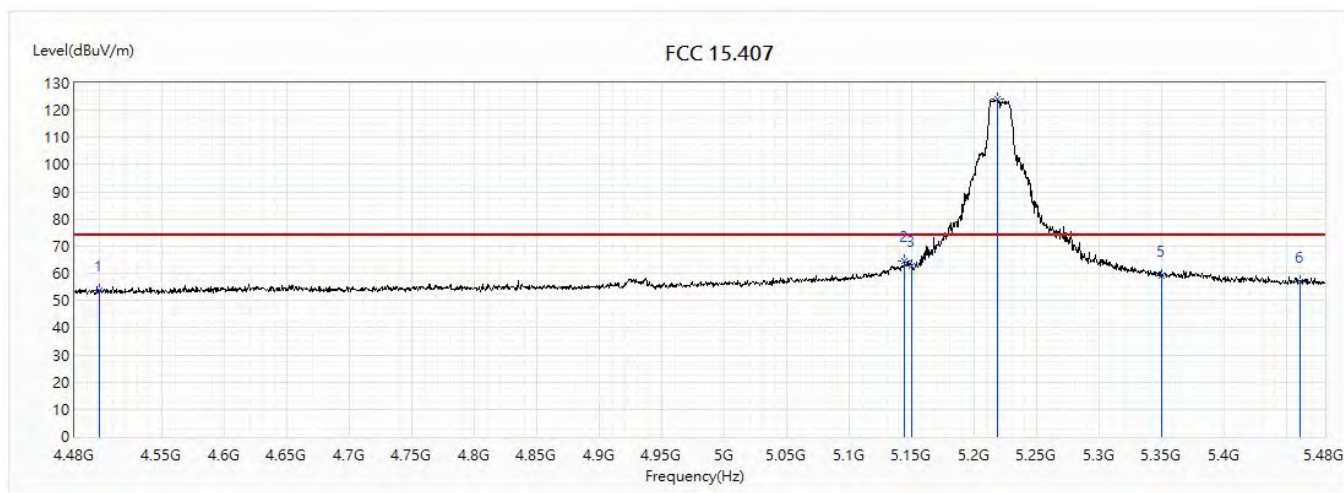


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500	40.99	54.00	-13.01	18.57	22.42	AV
2	5148	50.51	54.00	-3.49	26.72	23.79	AV
3	5150	47.79	54.00	-6.21	24.00	23.79	AV
! 4	5228.38	112.56	54.00	58.56	88.68	23.88	AV
5	5350	45.73	54.00	-8.27	21.70	24.03	AV
6	5460	43.70	54.00	-10.30	19.54	24.16	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/11/20
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 7: TX_BF Mode_NSS1		
Note :	802.11ac(20M)_5220MHz		

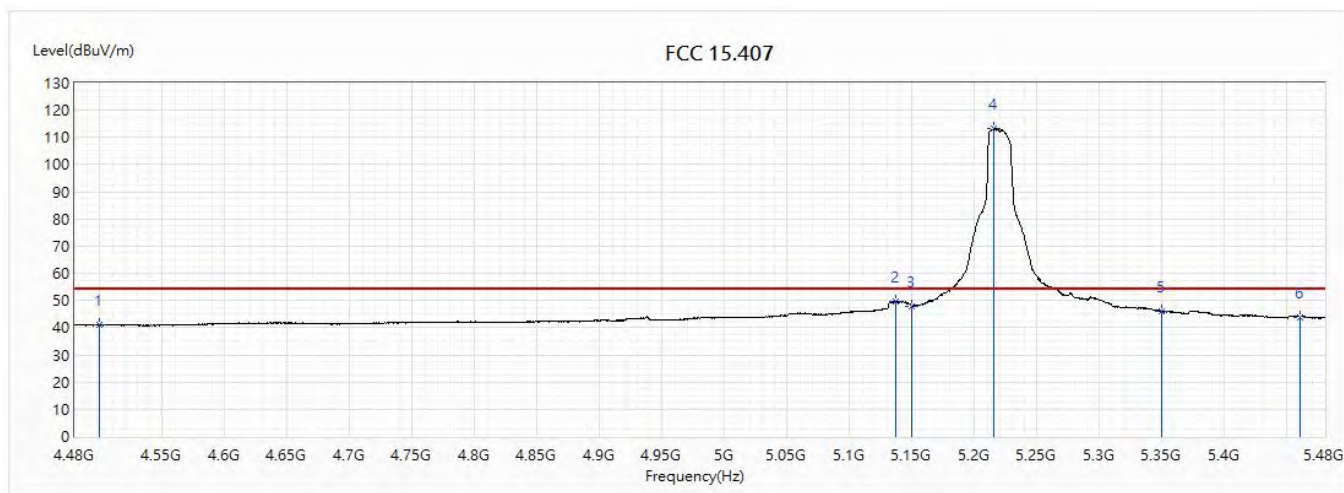


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500	53.75	74.00	-20.25	31.33	22.42	PK
2	5144	64.52	74.00	-9.48	40.74	23.78	PK
3	5150	62.83	74.00	-11.17	39.04	23.79	PK
! 4	5218	124.01	74.00	50.01	100.14	23.87	PK
5	5350	58.99	74.00	-15.01	34.96	24.03	PK
6	5460	56.90	74.00	-17.10	32.74	24.16	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/11/20
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 7: TX_BF Mode_NSS1		
Note :	802.11ac(20M)_5220MHz		

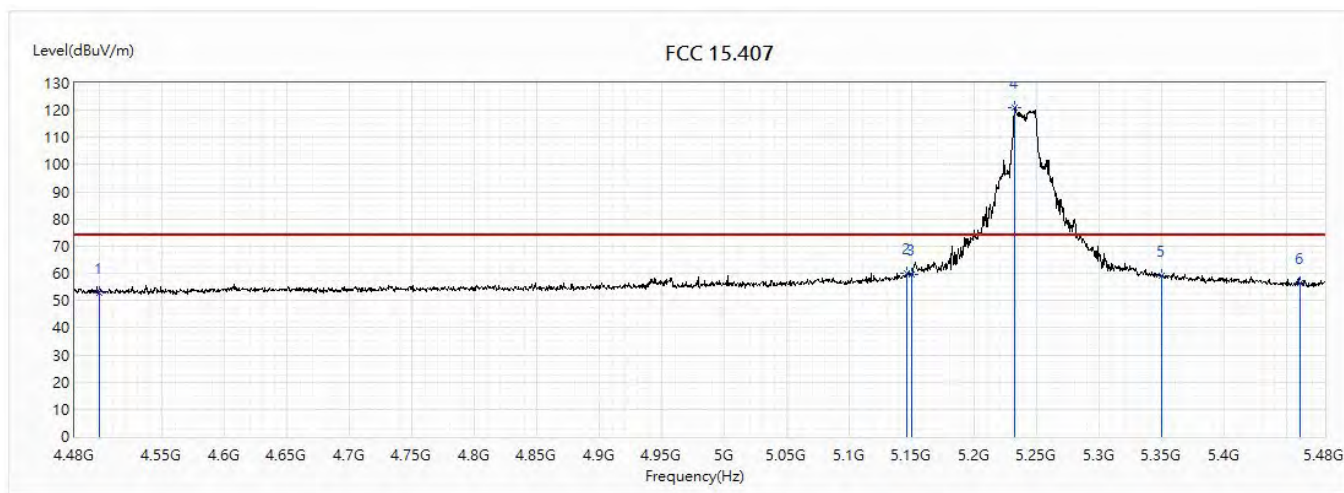


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500	40.98	54.00	-13.02	18.56	22.42	AV
2	5136.5	49.70	54.00	-4.30	25.93	23.77	AV
3	5150	48.05	54.00	-5.95	24.26	23.79	AV
! 4	5214.88	113.15	54.00	59.15	89.28	23.87	AV
5	5350	45.95	54.00	-8.05	21.92	24.03	AV
6	5460	43.93	54.00	-10.07	19.77	24.16	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/11/20
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 7: TX_BF Mode_NSS1		
Note :	802.11ac(20M)_5240MHz		

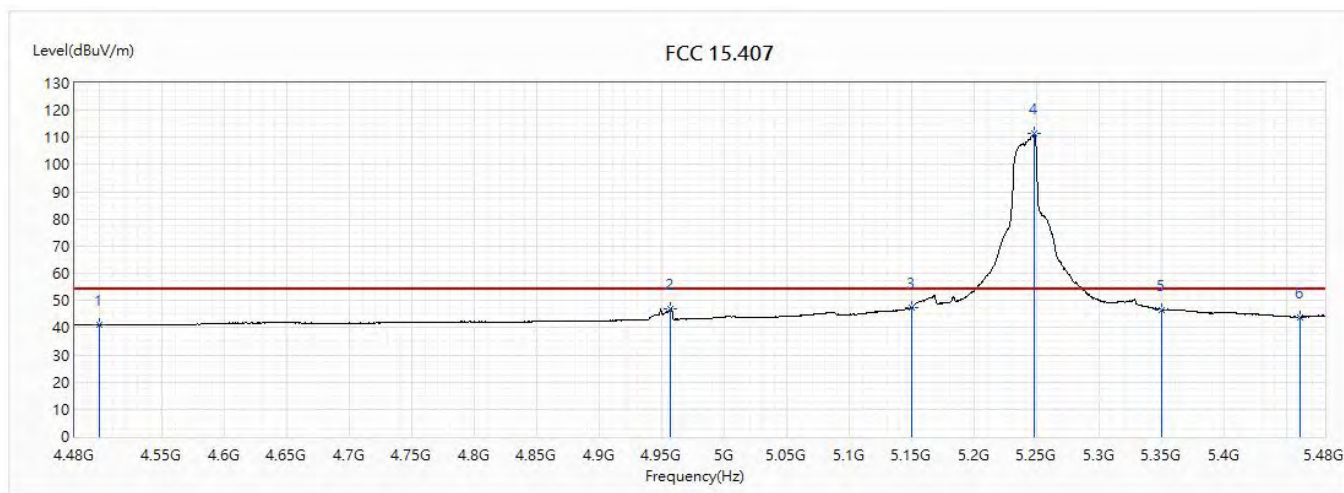


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500	52.73	74.00	-21.27	30.31	22.42	PK
2	5146	60.22	74.00	-13.78	36.43	23.79	PK
3	5150	59.59	74.00	-14.41	35.80	23.79	PK
! 4	5232	121.08	74.00	47.08	97.19	23.89	PK
5	5350	59.28	74.00	-14.72	35.25	24.03	PK
6	5460	56.41	74.00	-17.59	32.25	24.16	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/11/20
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 7: TX_BF Mode_NSS1		
Note :	802.11ac(20M)_5240MHz		

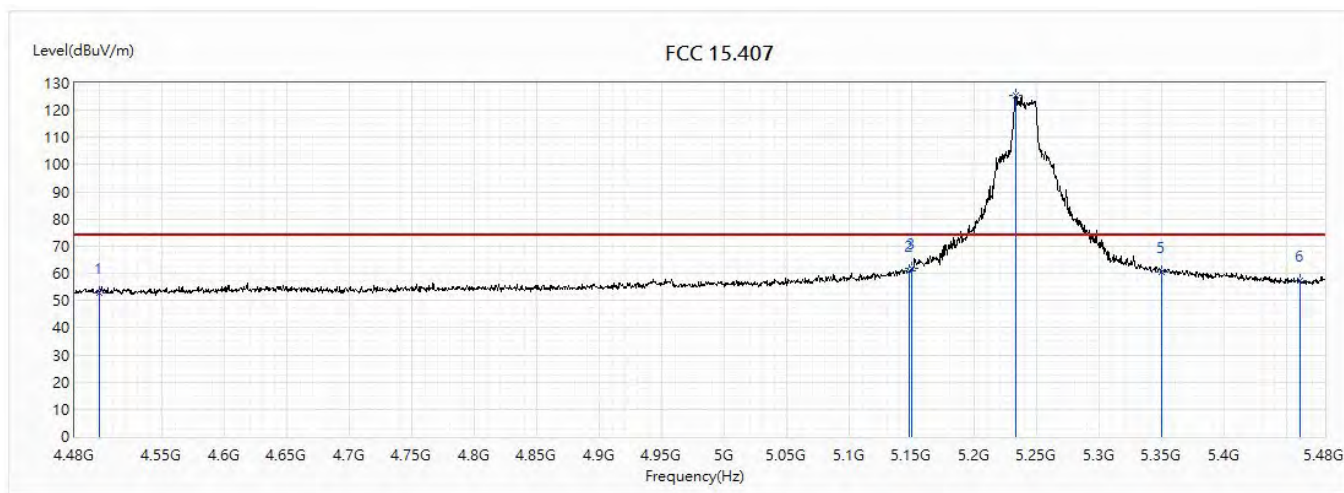


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500	41.00	54.00	-13.00	18.58	22.42	AV
2	4956.5	47.03	54.00	-6.97	23.54	23.49	AV
3	5150	47.33	54.00	-6.67	23.54	23.79	AV
! 4	5247.37	111.69	54.00	57.69	87.78	23.91	AV
5	5350	46.68	54.00	-7.32	22.65	24.03	AV
6	5460	44.01	54.00	-9.99	19.85	24.16	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/11/20
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 7: TX_BF Mode_NSS1		
Note :	802.11ac(20M)_5240MHz		

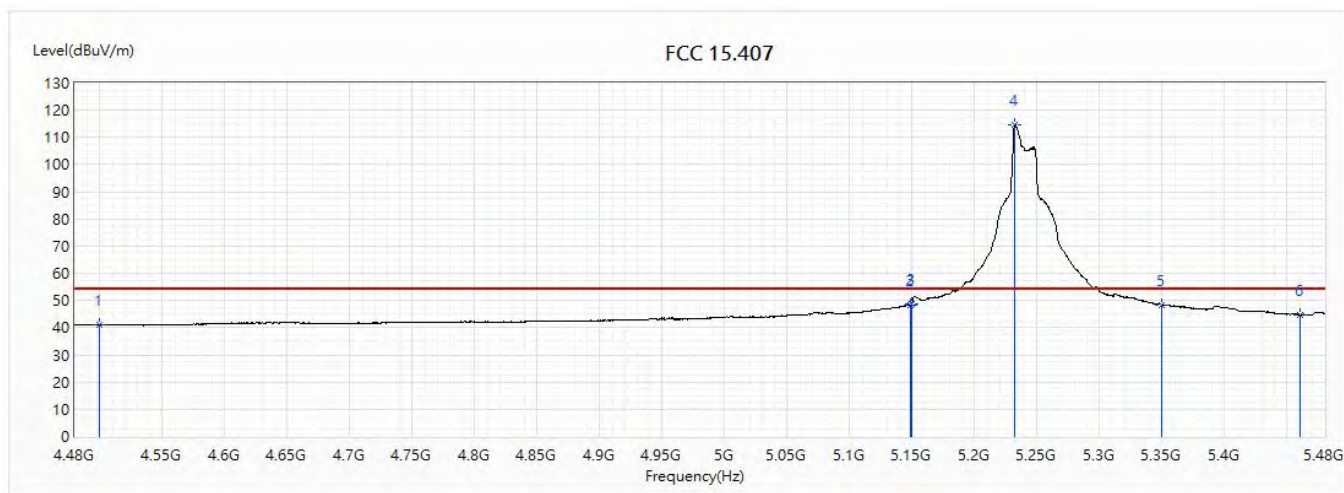


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500	53.00	74.00	-21.00	30.58	22.42	PK
2	5147.5	60.79	74.00	-13.21	37.00	23.79	PK
3	5150	61.90	74.00	-12.10	38.11	23.79	PK
! 4	5232.5	125.65	74.00	51.65	101.76	23.89	PK
5	5350	60.65	74.00	-13.35	36.62	24.03	PK
6	5460	57.16	74.00	-16.84	33.00	24.16	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/11/20
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 7: TX BF Mode NSS1		
Note :	802.11ac(20M)_5240MHz		

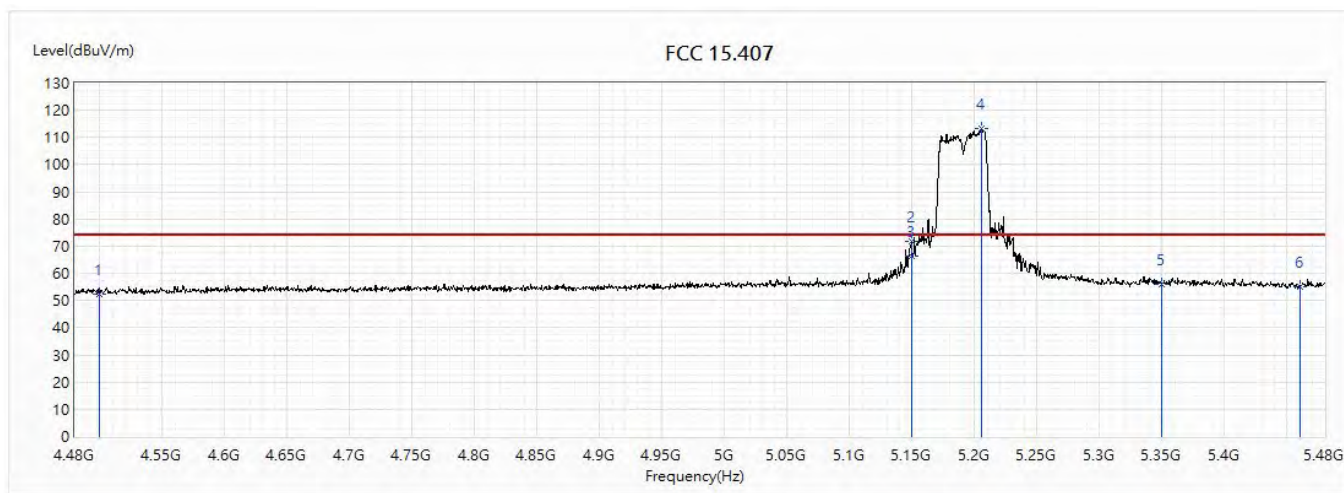


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500	41.03	54.00	-12.97	18.61	22.42	AV
2	5148.5	48.43	54.00	-5.57	24.64	23.79	AV
3	5150	48.68	54.00	-5.32	24.89	23.79	AV
! 4	5232.37	114.67	54.00	60.67	90.78	23.89	AV
5	5350	48.25	54.00	-5.75	24.22	24.03	AV
6	5460	44.83	54.00	-9.17	20.67	24.16	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/11/20
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 7: TX_BF Mode_NSS1		
Note :	802.11ac(40M)_5190MHz		

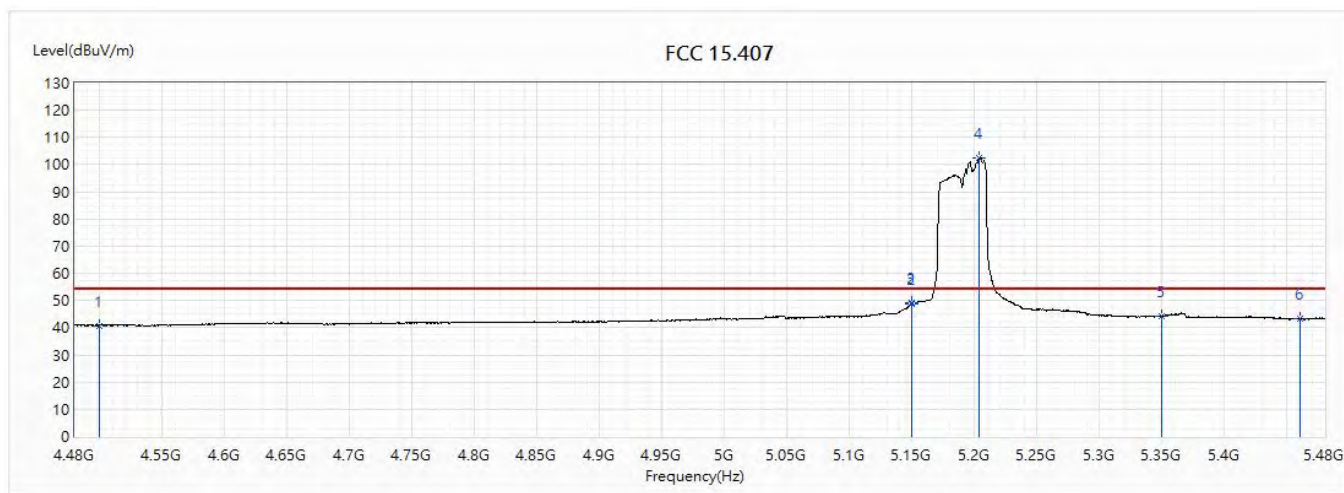


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500	52.58	74.00	-21.42	30.16	22.42	PK
2	5149.5	71.98	74.00	-2.02	48.19	23.79	PK
3	5150	66.34	74.00	-7.66	42.55	23.79	PK
! 4	5205.5	113.10	74.00	39.10	89.24	23.86	PK
5	5350	55.83	74.00	-18.17	31.80	24.03	PK
6	5460	55.09	74.00	-18.91	30.93	24.16	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/11/20
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 7: TX_BF Mode_NSS1		
Note :	802.11ac(40M)_5190MHz		

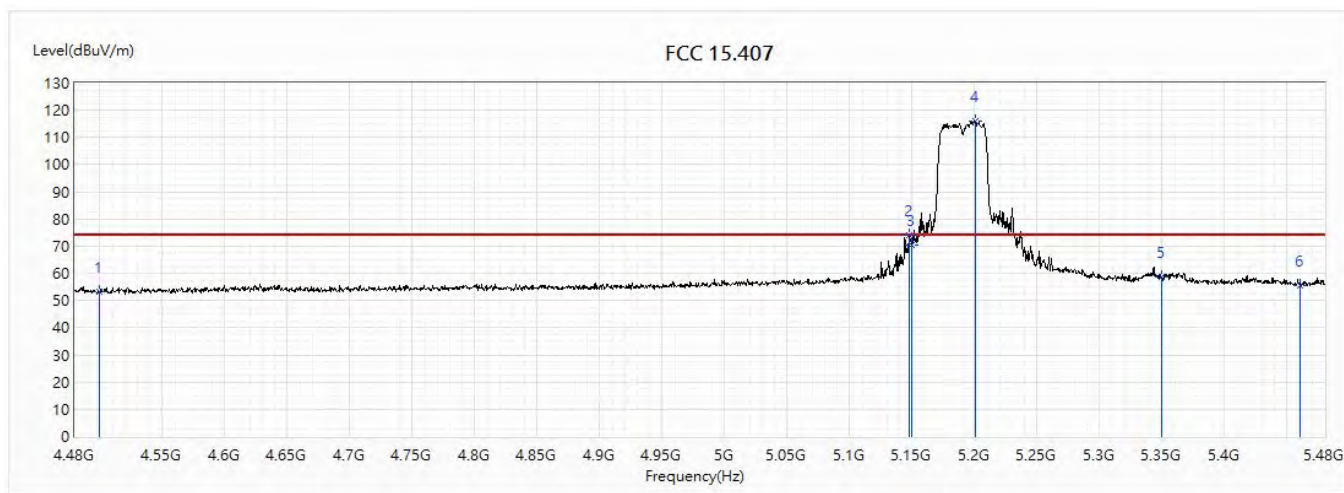


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500	40.77	54.00	-13.23	18.35	22.42	AV
2	5149.5	48.95	54.00	-5.05	25.16	23.79	AV
3	5150	49.01	54.00	-4.99	25.22	23.79	AV
! 4	5203.89	102.57	54.00	48.57	78.72	23.85	AV
5	5350	44.23	54.00	-9.77	20.20	24.03	AV
6	5460	43.20	54.00	-10.80	19.04	24.16	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/11/20
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 7: TX_BF Mode_NSS1		
Note :	802.11ac(40M)_5190MHz		

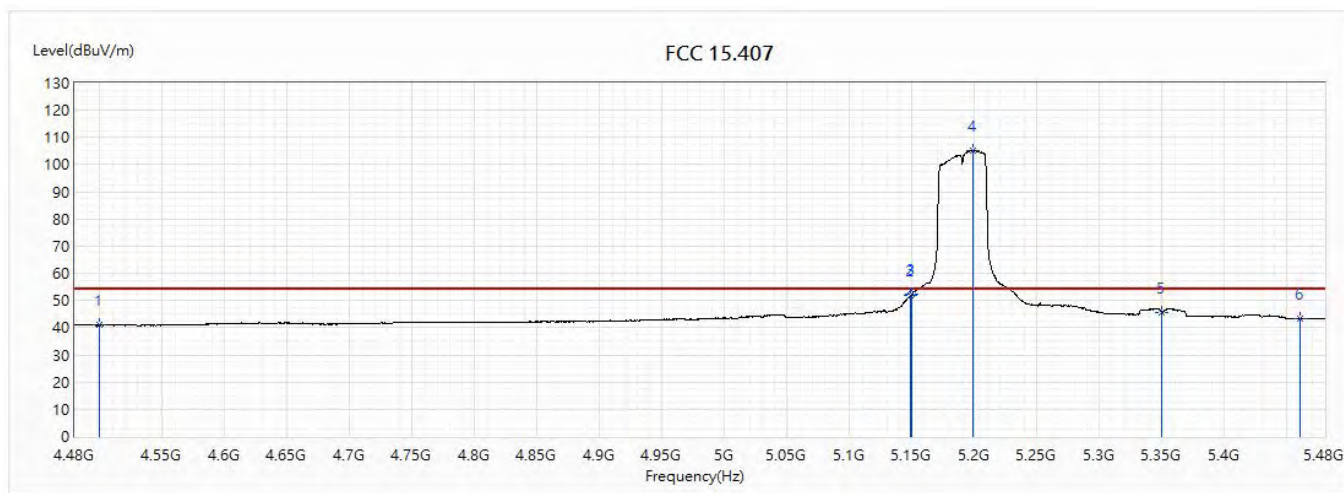


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500	53.48	74.00	-20.52	31.06	22.42	PK
2	5147.5	73.92	74.00	-0.08	50.13	23.79	PK
3	5150	70.23	74.00	-3.77	46.44	23.79	PK
! 4	5200.5	116.10	74.00	42.10	92.25	23.85	PK
5	5350	58.83	74.00	-15.17	34.80	24.03	PK
6	5460	55.70	74.00	-18.30	31.54	24.16	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/11/20
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 7: TX_BF Mode_NSS1		
Note :	802.11ac(40M)_5190MHz		

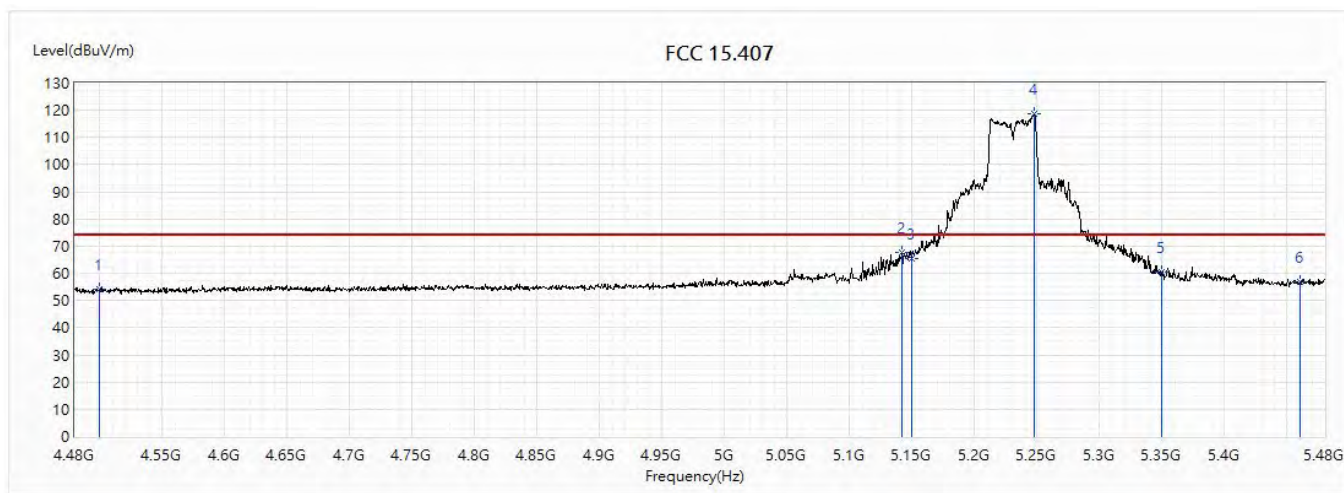


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500	40.86	54.00	-13.14	18.44	22.42	AV
2	5149	51.78	54.00	-2.22	27.99	23.79	AV
3	5150	52.50	54.00	-1.50	28.71	23.79	AV
! 4	5198.39	105.29	54.00	51.29	81.44	23.85	AV
5	5350	45.57	54.00	-8.43	21.54	24.03	AV
6	5460	43.50	54.00	-10.50	19.34	24.16	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/11/20
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 7: TX_BF Mode_NSS1		
Note :	802.11ac(40M)_5230MHz		

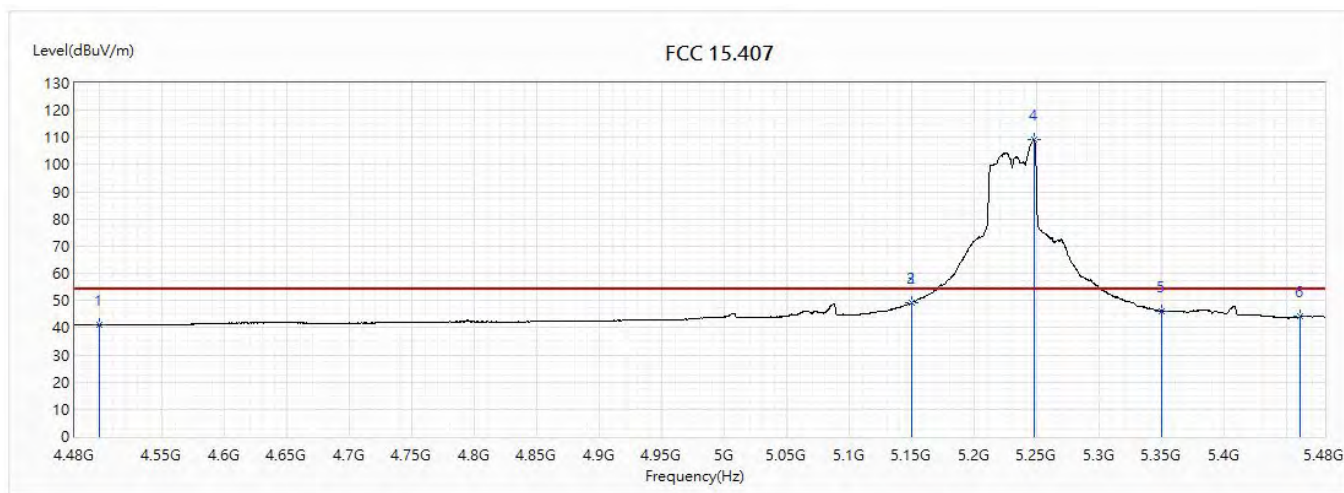


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500	54.03	74.00	-19.97	31.61	22.42	PK
2	5142	67.61	74.00	-6.39	43.83	23.78	PK
3	5150	65.24	74.00	-8.76	41.45	23.79	PK
! 4	5247.5	118.92	74.00	44.92	95.01	23.91	PK
5	5350	60.29	74.00	-13.71	36.26	24.03	PK
6	5460	56.94	74.00	-17.06	32.78	24.16	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/11/20
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 7: TX_BF Mode_NSS1		
Note :	802.11ac(40M)_5230MHz		

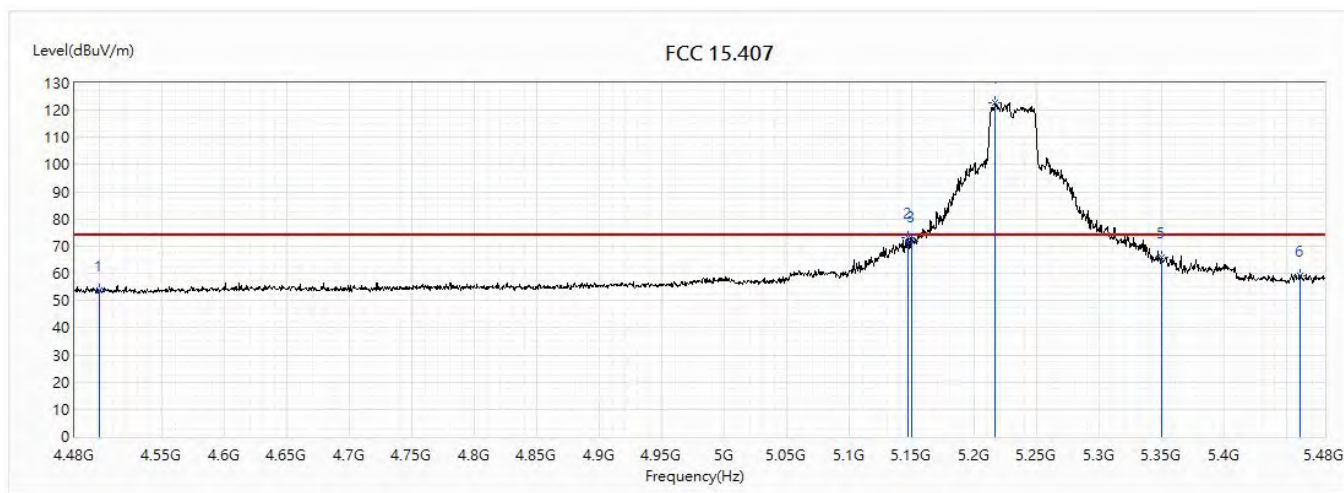


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500	41.09	54.00	-12.91	18.67	22.42	AV
2	5149.5	49.34	54.00	-4.66	25.55	23.79	AV
3	5150	49.42	54.00	-4.58	25.63	23.79	AV
! 4	5247.37	109.27	54.00	55.27	85.36	23.91	AV
5	5350	46.03	54.00	-7.97	22.00	24.03	AV
6	5460	44.08	54.00	-9.92	19.92	24.16	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/11/20
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 7: TX_BF Mode_NSS1		
Note :	802.11ac(40M)_5230MHz		

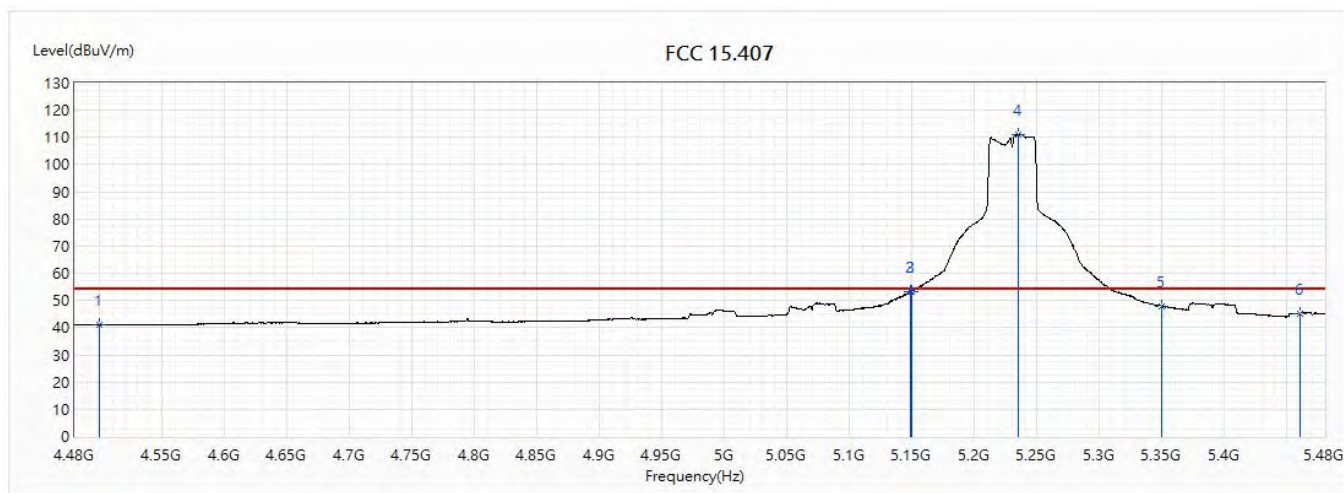


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500	53.74	74.00	-20.26	31.32	22.42	PK
2	5146.5	73.09	74.00	-0.91	49.31	23.78	PK
3	5150	71.66	74.00	-2.34	47.87	23.79	PK
! 4	5216.5	122.75	74.00	48.75	98.88	23.87	PK
5	5350	66.12	74.00	-7.88	42.09	24.03	PK
6	5460	59.21	74.00	-14.79	35.05	24.16	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

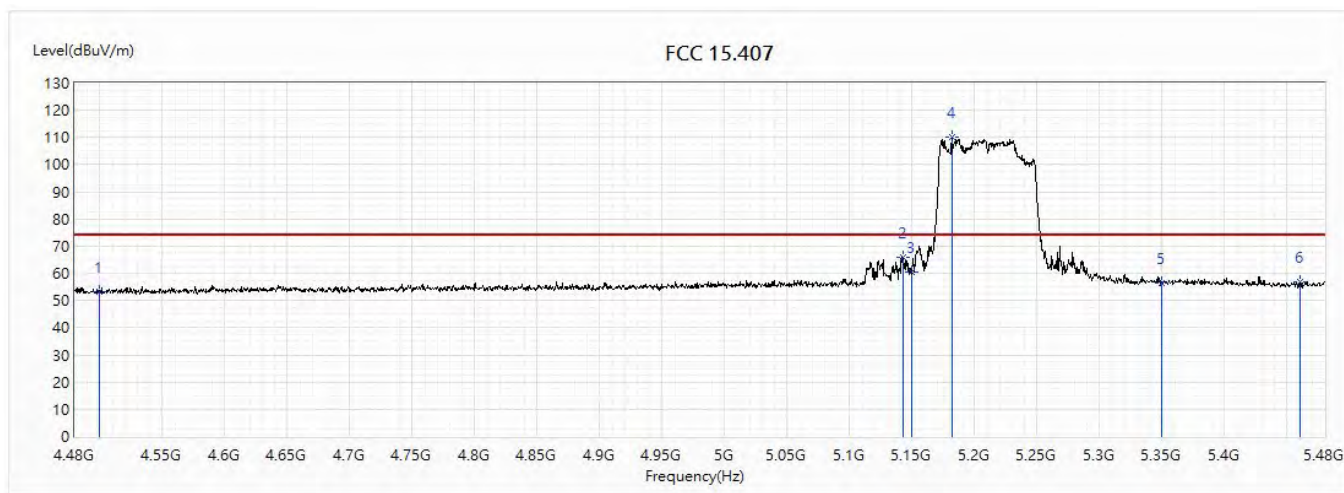
Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/11/20
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 7: TX_BF Mode_NSS1		
Note :	802.11ac(40M)_5230MHz		



Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/11/20
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 7: TX_BF Mode_NSS1		
Note :	802.11ac(80M)_5210MHz		

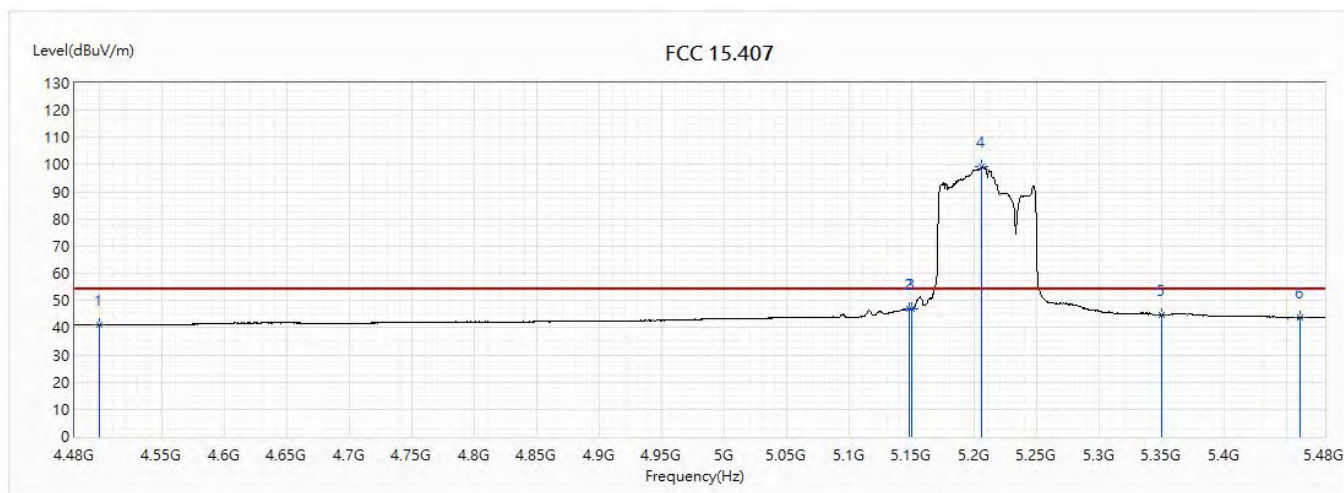


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500	53.40	74.00	-20.60	30.98	22.42	PK
2	5143	65.92	74.00	-8.08	42.14	23.78	PK
3	5150	60.67	74.00	-13.33	36.88	23.79	PK
! 4	5181.5	110.32	74.00	36.32	86.49	23.83	PK
5	5350	56.32	74.00	-17.68	32.29	24.03	PK
6	5460	56.71	74.00	-17.29	32.55	24.16	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/11/20
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 7: TX_BF Mode_NSS1		
Note :	802.11ac(80M)_5210MHz		

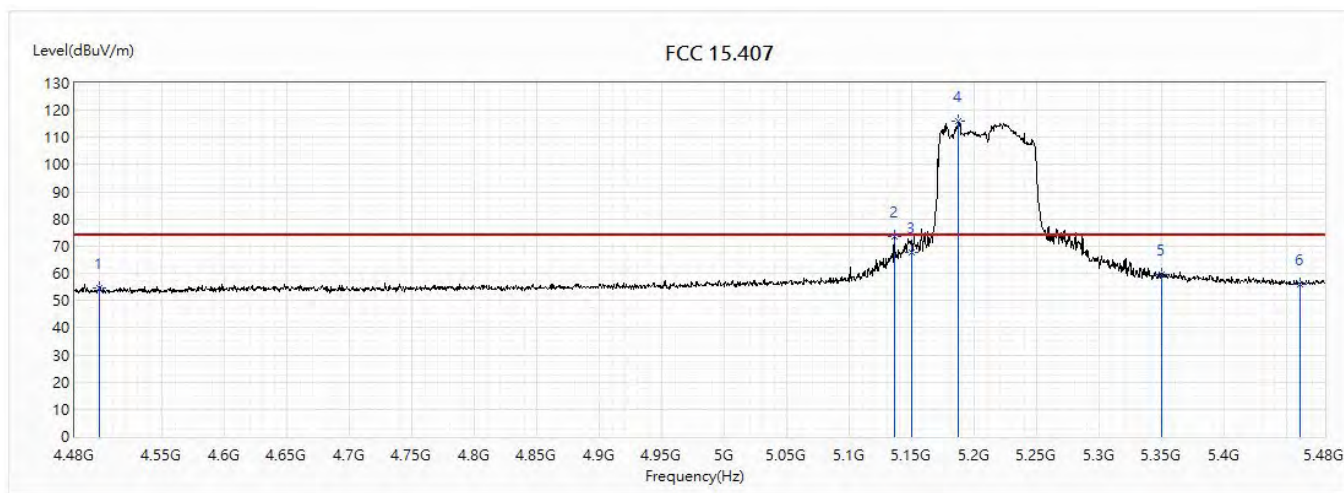


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500	41.10	54.00	-12.90	18.68	22.42	AV
2	5147.5	46.89	54.00	-7.11	23.10	23.79	AV
3	5150	47.12	54.00	-6.88	23.33	23.79	AV
! 4	5205.89	99.10	54.00	45.10	75.24	23.86	AV
5	5350	44.77	54.00	-9.23	20.74	24.03	AV
6	5460	43.58	54.00	-10.42	19.42	24.16	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/11/20
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 7: TX_BF Mode_NSS1		
Note :	802.11ac(80M)_5210MHz		

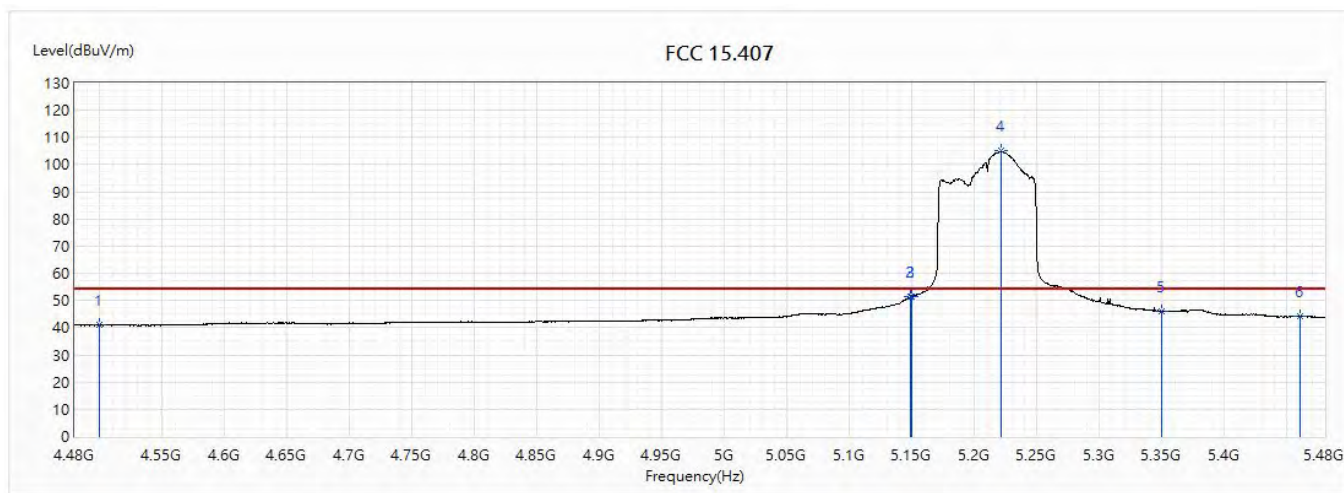


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500	54.77	74.00	-19.23	32.35	22.42	PK
2	5135.5	73.77	74.00	-0.23	50.00	23.77	PK
3	5150	67.89	74.00	-6.11	44.10	23.79	PK
! 4	5187	115.97	74.00	41.97	92.14	23.83	PK
5	5350	59.71	74.00	-14.29	35.68	24.03	PK
6	5460	55.96	74.00	-18.04	31.80	24.16	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/11/20
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 7: TX_BF Mode_NSS1		
Note :	802.11ac(80M)_5210MHz		

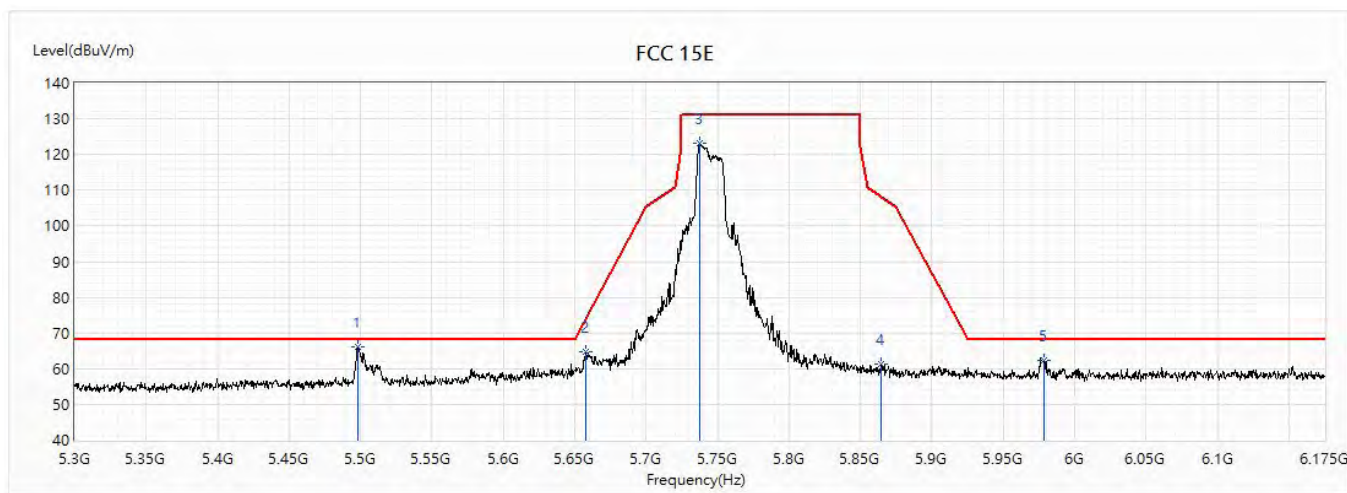


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500	40.94	54.00	-13.06	18.52	22.42	AV
2	5148.5	51.25	54.00	-2.75	27.46	23.79	AV
3	5150	51.58	54.00	-2.42	27.79	23.79	AV
! 4	5220.88	104.98	54.00	50.98	81.10	23.88	AV
5	5350	45.96	54.00	-8.04	21.93	24.03	AV
6	5460	44.29	54.00	-9.71	20.13	24.16	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/10/30
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 7: TX BF Mode NSS1		
Note :	802.11ac(20M)_5745MHz		

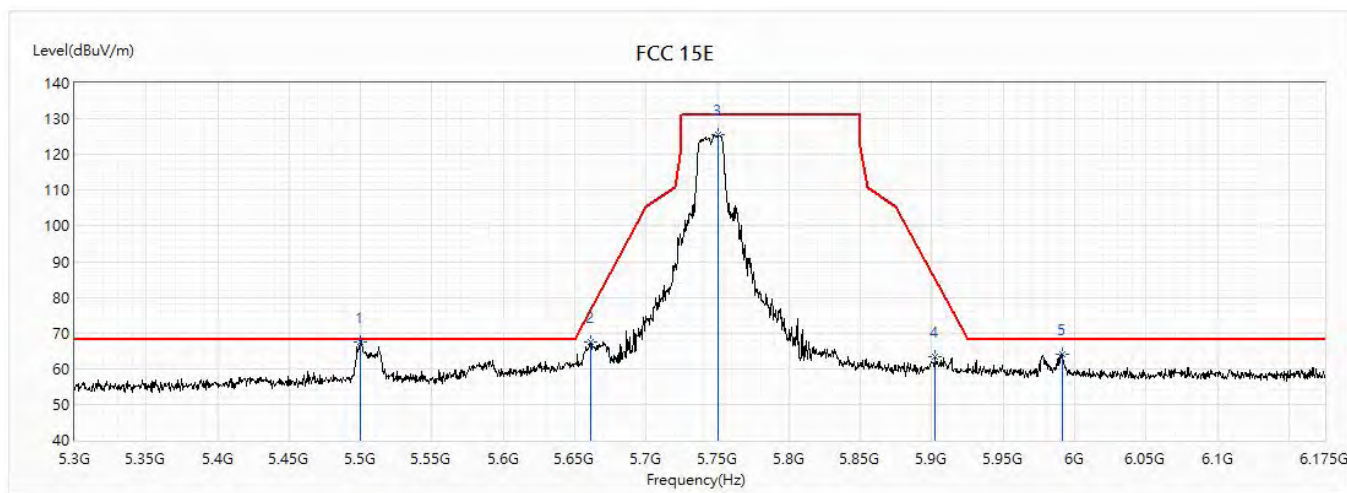


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
* 1	5497.75	65.97	68.20	-2.23	41.76	24.21	PK
2	5657.875	64.78	74.03	-9.24	39.98	24.80	PK
3	5737.5	123.13	131.20	-8.07	98.03	25.10	PK
4	5864.813	61.28	108.05	-46.77	35.69	25.59	PK
5	5978.125	62.43	68.20	-5.77	36.42	26.01	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/10/30
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 7: TX BF Mode NSS1		
Note :	802.11ac(20M)_5745MHz		

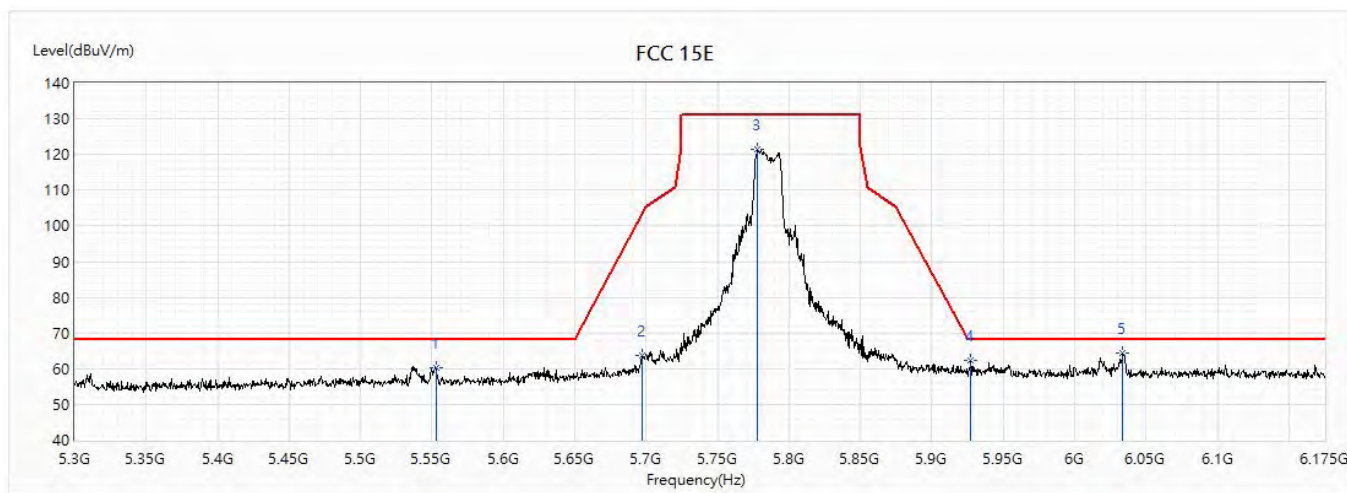


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
* 1	5499.5	67.64	68.20	-0.56	43.43	24.21	PK
2	5660.938	67.36	76.29	-8.93	42.55	24.81	PK
3	5750.625	125.47	131.20	-5.73	100.32	25.15	PK
4	5902.438	63.20	84.90	-21.69	37.48	25.72	PK
5	5991.688	64.03	68.20	-4.17	37.96	26.07	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/10/30
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 7: TX BF Mode NSS1		
Note :	802.11ac(20M)_5785MHz		

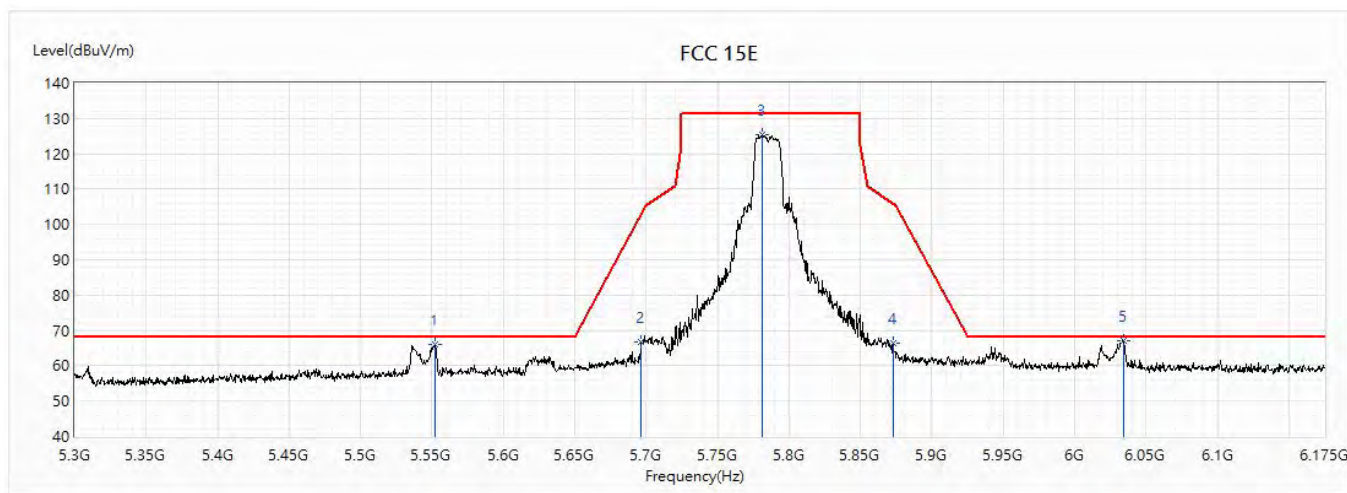


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	5552.875	60.24	68.20	-7.96	35.83	24.41	PK
2	5697.25	63.73	103.16	-39.43	38.78	24.95	PK
3	5778.188	121.43	131.20	-9.77	96.18	25.25	PK
4	5927.375	62.46	68.20	-5.74	36.65	25.81	PK
* 5	6033.688	64.40	68.20	-3.80	38.20	26.20	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/10/30
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 7: TX_BF Mode_NSS1		
Note :	802.11ac(20M)_5785MHz		

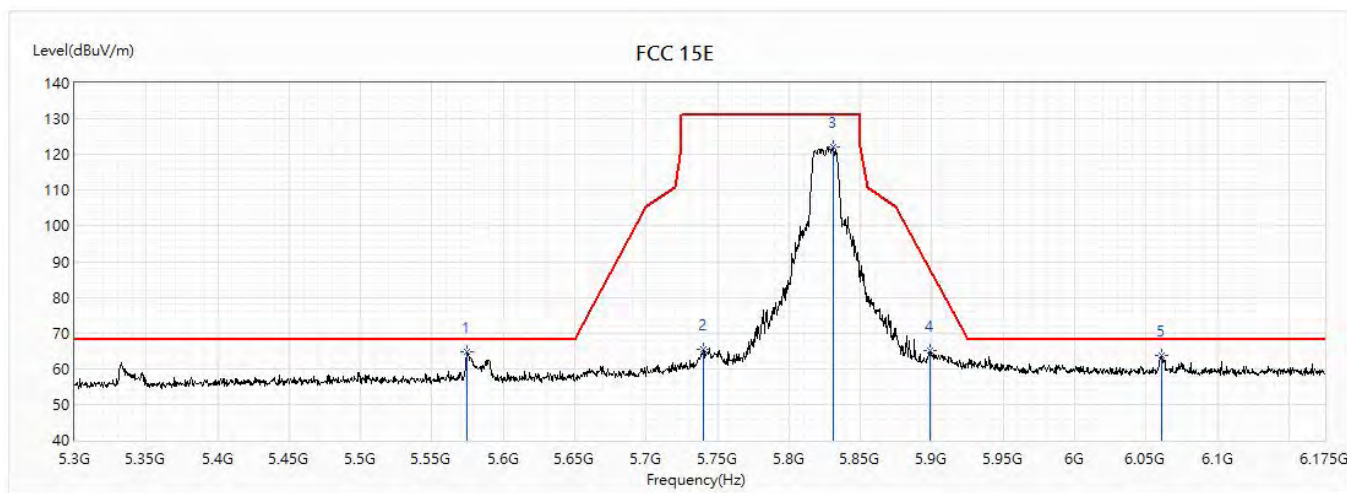


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	5552.438	66.08	68.20	-2.12	41.68	24.40	PK
2	5696.375	66.60	102.52	-35.92	41.66	24.94	PK
3	5781.25	125.50	131.20	-5.70	100.23	25.27	PK
4	5872.688	66.28	105.85	-39.57	40.67	25.61	PK
* 5	6034.125	67.05	68.20	-1.15	40.84	26.21	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/10/30
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 7: TX_BF Mode_NSS1		
Note :	802.11ac(20M)_5825MHz		

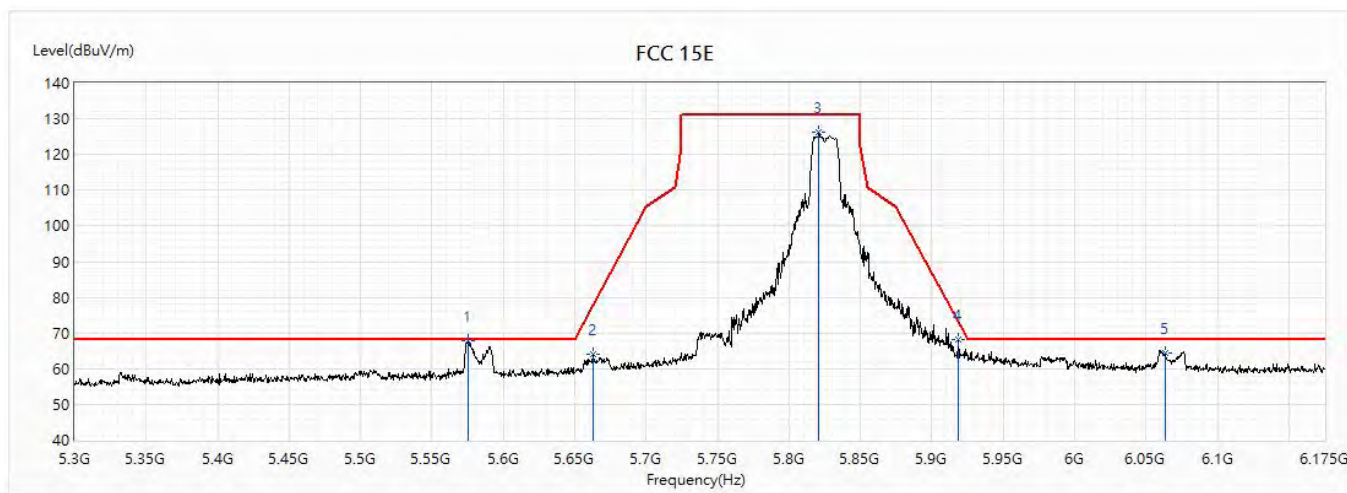


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
* 1	5574.75	64.70	68.20	-3.50	40.22	24.48	PK
2	5740.125	65.31	131.20	-65.89	40.21	25.10	PK
3	5830.688	122.26	131.20	-8.94	96.80	25.46	PK
4	5898.5	65.03	87.81	-22.78	39.32	25.71	PK
5	6061.25	63.72	68.20	-4.48	37.44	26.28	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/10/30
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 7: TX_BF Mode_NSS1		
Note :	802.11ac(20M)_5825MHz		

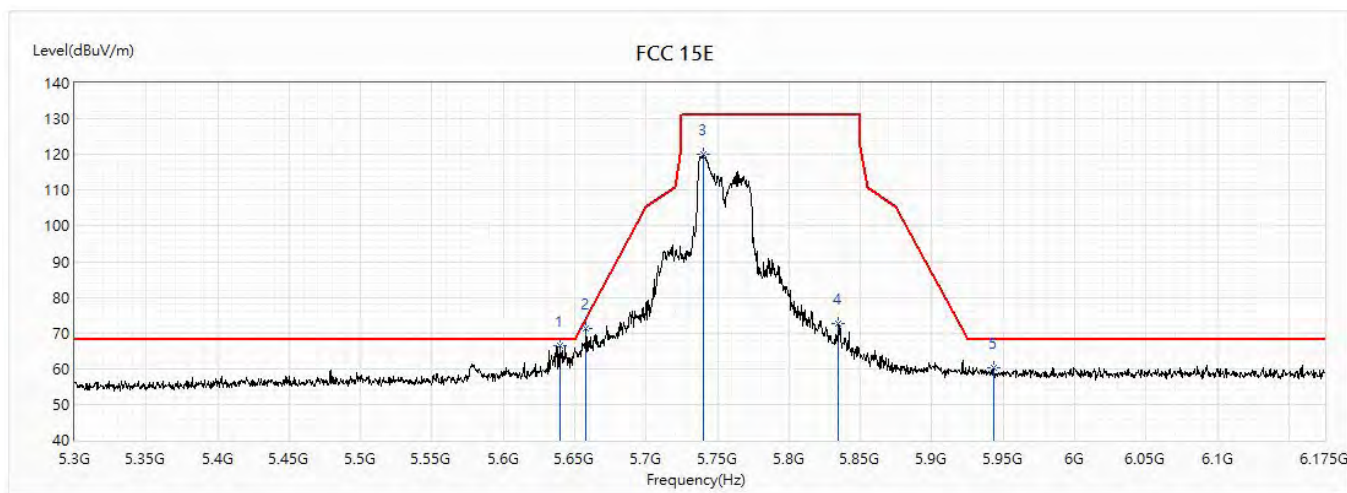


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
* 1	5575.188	67.71	68.20	-0.49	43.22	24.49	PK
2	5663.125	63.90	77.91	-14.01	39.08	24.82	PK
3	5821.063	126.17	131.20	-5.03	100.76	25.41	PK
4	5918.625	68.12	72.92	-4.79	42.34	25.78	PK
5	6063.438	64.33	68.20	-3.87	38.04	26.29	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/10/30
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 7: TX BF Mode NSS1		
Note :	802.11ac(40M)_5755MHz		

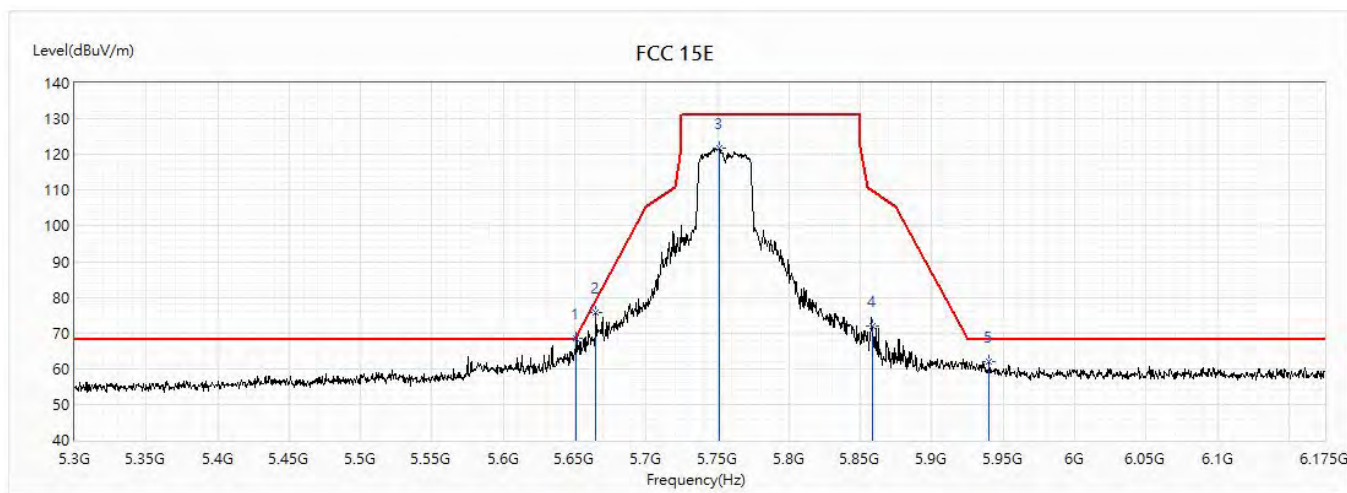


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
* 1	5639.938	66.36	68.20	-1.84	41.63	24.73	PK
2	5657.875	71.29	74.03	-2.74	46.49	24.80	PK
3	5739.688	119.90	131.20	-11.30	94.80	25.10	PK
4	5834.625	72.78	131.20	-58.42	47.32	25.46	PK
5	5943.125	60.21	68.20	-7.99	34.34	25.87	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/10/30
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 7: TX BF Mode NSS1		
Note :	802.11ac(40M)_5755MHz		

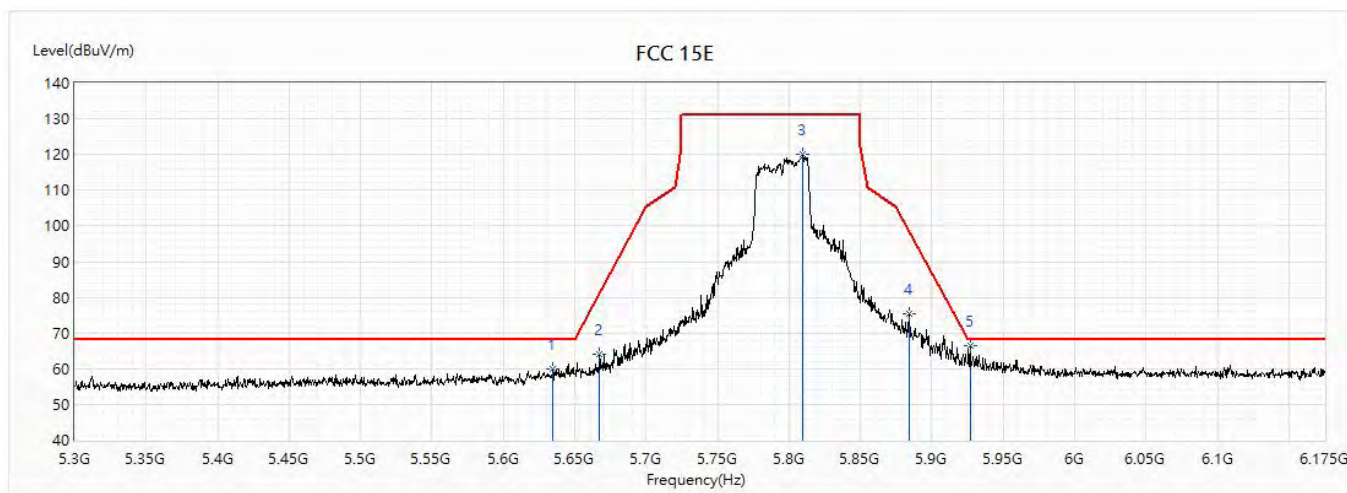


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
* 1	5650.875	68.40	68.85	-0.44	43.63	24.77	PK
2	5664.875	75.67	79.21	-3.54	50.84	24.83	PK
3	5751.063	121.62	131.20	-9.58	96.47	25.15	PK
4	5858.688	72.12	109.77	-37.65	46.56	25.56	PK
5	5940.063	61.94	68.20	-6.26	36.08	25.86	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/10/30
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 7: TX BF Mode NSS1		
Note :	802.11ac(40M)_5795MHz		

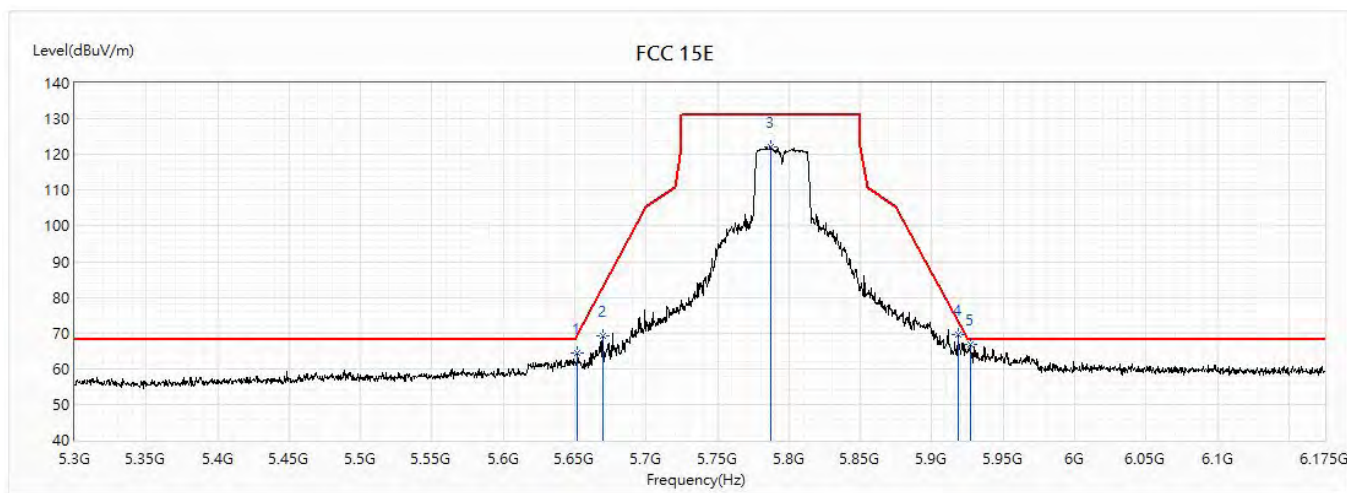


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	5634.688	59.78	68.20	-8.42	35.07	24.71	PK
2	5667.5	64.03	81.15	-17.12	39.20	24.83	PK
3	5809.688	119.94	131.20	-11.26	94.57	25.37	PK
4	5884.063	75.55	98.49	-22.94	49.90	25.65	PK
* 5	5926.938	66.62	68.20	-1.58	40.81	25.81	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/10/30
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 7: TX BF Mode NSS1		
Note :	802.11ac(40M)_5795MHz		

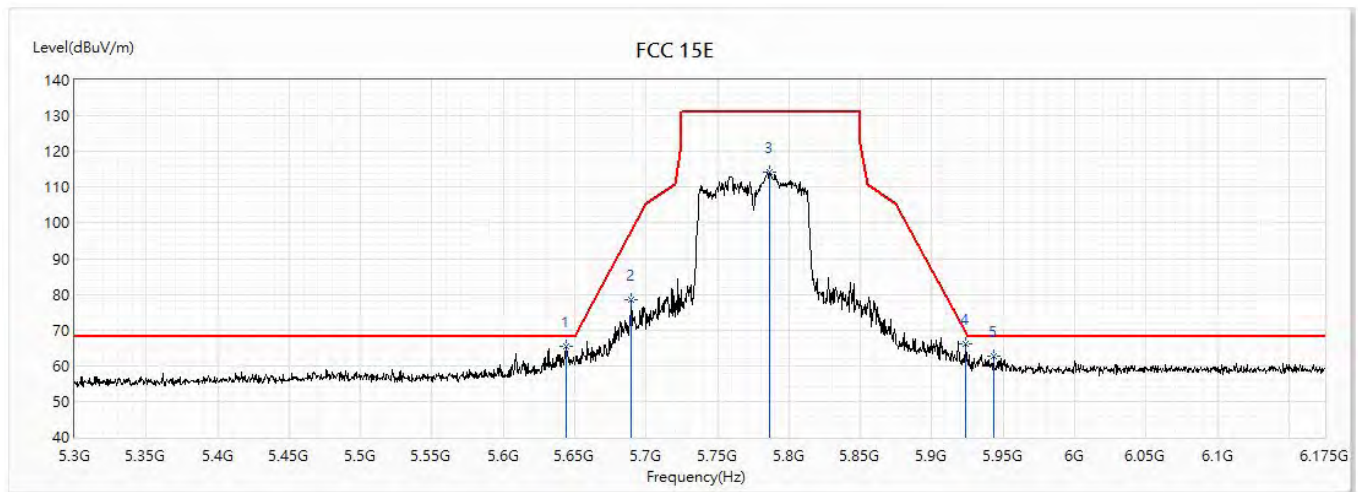


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	5651.75	64.34	69.50	-5.16	39.57	24.77	PK
2	5669.688	69.18	82.77	-13.59	44.34	24.84	PK
3	5787.375	122.21	131.20	-8.99	96.92	25.29	PK
4	5918.188	69.43	73.24	-3.82	43.65	25.78	PK
* 5	5926.938	66.81	68.20	-1.39	41.00	25.81	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/10/30
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 7: TX BF Mode NSS1		
Note :	802.11ac(80M)_5775MHz		

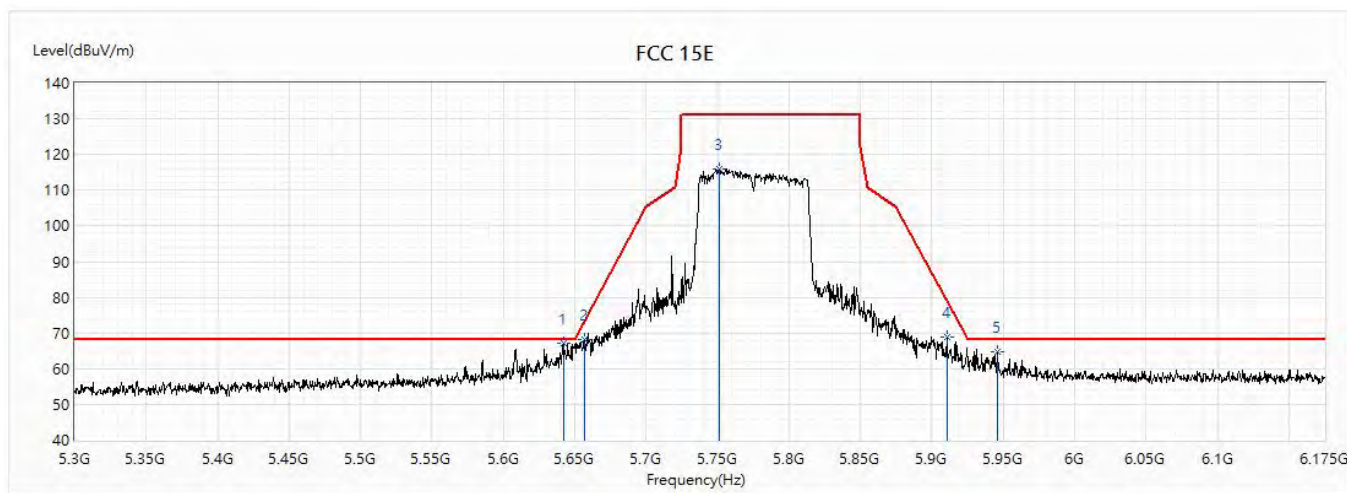


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
* 1	5644.313	65.33	68.20	-2.87	40.58	24.75	PK
2	5689.813	78.61	97.66	-19.05	53.69	24.92	PK
3	5786.063	114.37	131.20	-16.83	89.09	25.28	PK
4	5923.875	66.08	69.03	-2.95	40.28	25.80	PK
5	5943.125	62.65	68.20	-5.55	36.78	25.87	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/10/30
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 7: TX BF Mode NSS1		
Note :	802.11ac(80M)_5775MHz		

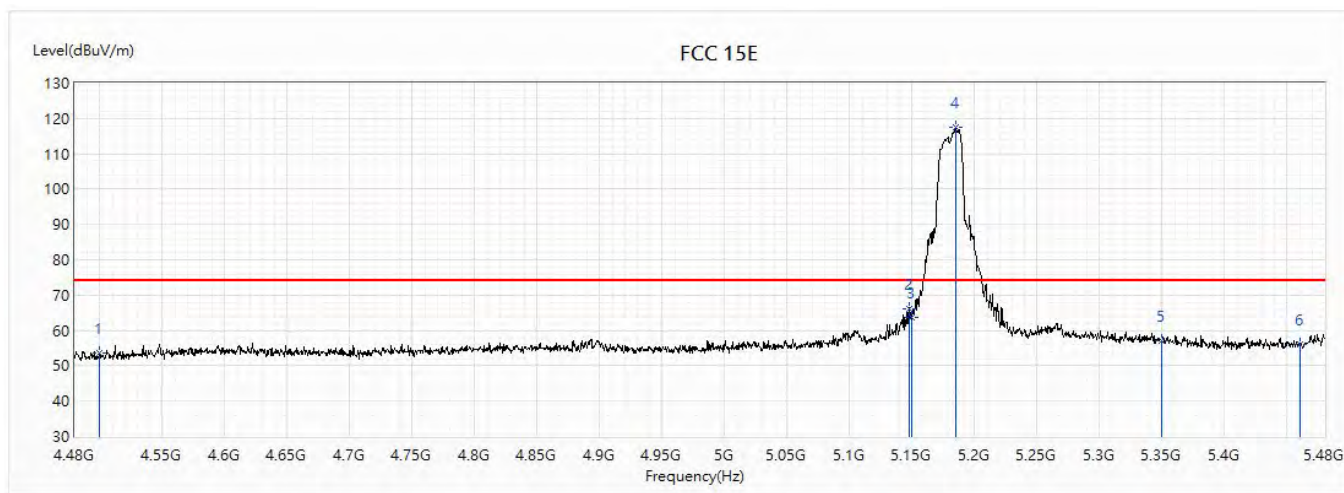


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
* 1	5642.125	67.13	68.20	-1.07	42.38	24.75	PK
2	5656.563	68.11	73.06	-4.95	43.31	24.80	PK
3	5751.5	115.93	131.20	-15.27	90.78	25.15	PK
4	5910.75	68.94	78.75	-9.80	43.19	25.75	PK
5	5945.75	64.59	68.20	-3.61	38.70	25.89	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/11/8
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 8: TX BF Mode NSS2		
Note :	802.11ac(20M)_5180MHz		

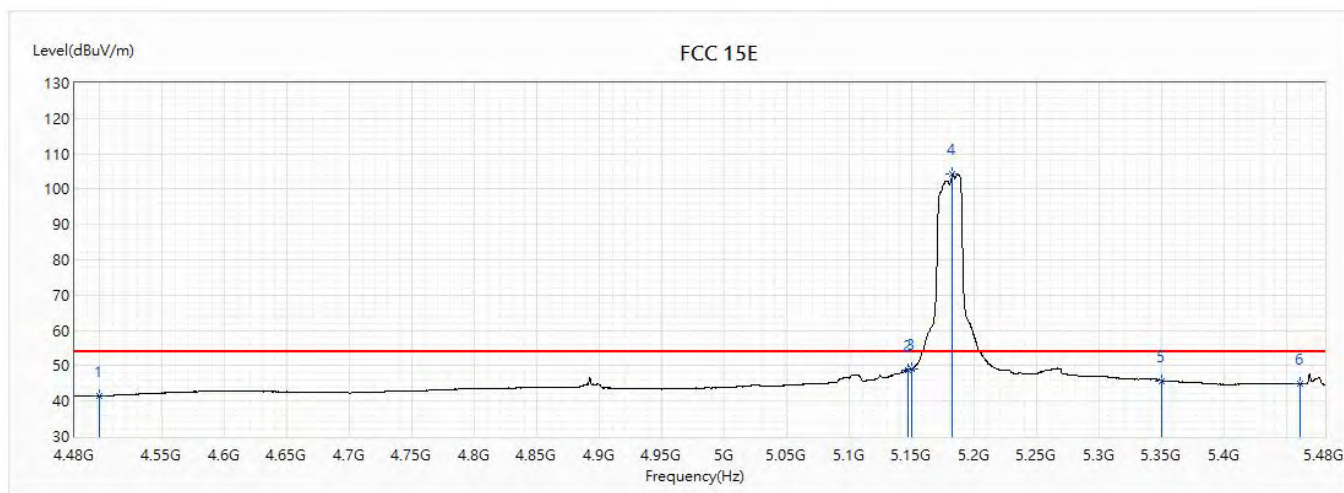


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500	53.74	74.00	-20.26	31.32	22.42	PK
2	5148	66.28	74.00	-7.72	42.49	23.79	PK
3	5150	63.79	74.00	-10.21	40.00	23.79	PK
! 4	5184.5	117.67	74.00	43.67	93.84	23.83	PK
5	5350	56.93	74.00	-17.07	32.90	24.03	PK
6	5460	56.15	74.00	-17.85	31.99	24.16	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/11/8
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 8: TX BF Mode NSS2		
Note :	802.11ac(20M)_5180MHz		

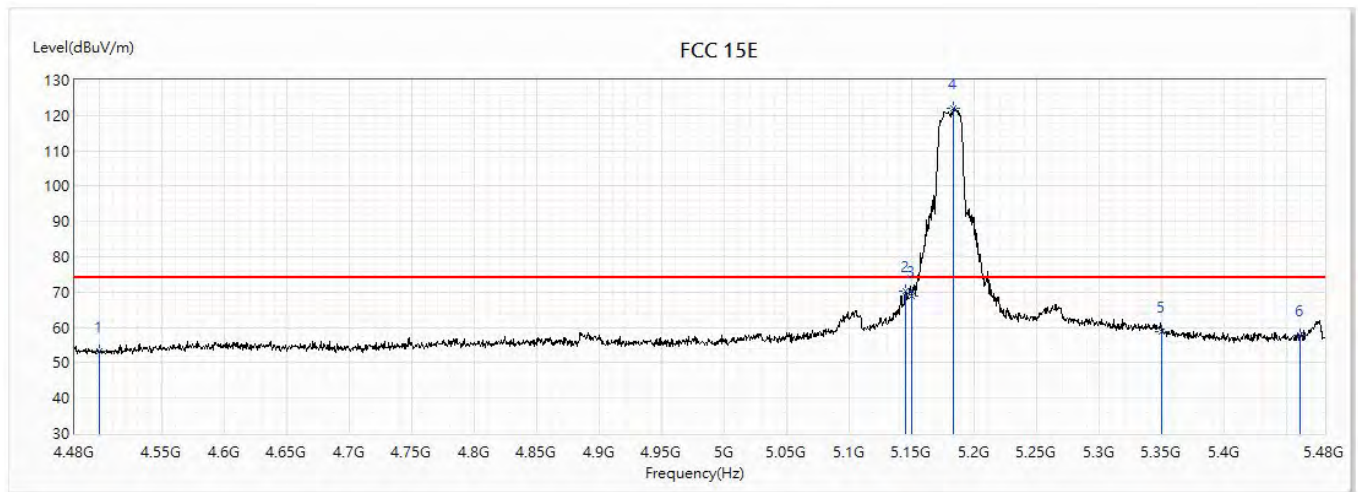


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500	41.33	54.00	-12.67	18.91	22.42	AV
2	5146.5	48.74	54.00	-5.26	24.96	23.78	AV
3	5150	49.03	54.00	-4.97	25.24	23.79	AV
! 4	5182	104.17	54.00	50.17	80.34	23.83	AV
5	5350	45.73	54.00	-8.27	21.70	24.03	AV
6	5460	44.90	54.00	-9.10	20.74	24.16	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/11/8
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 8: TX BF Mode NSS2		
Note :	802.11ac(20M)_5180MHz		

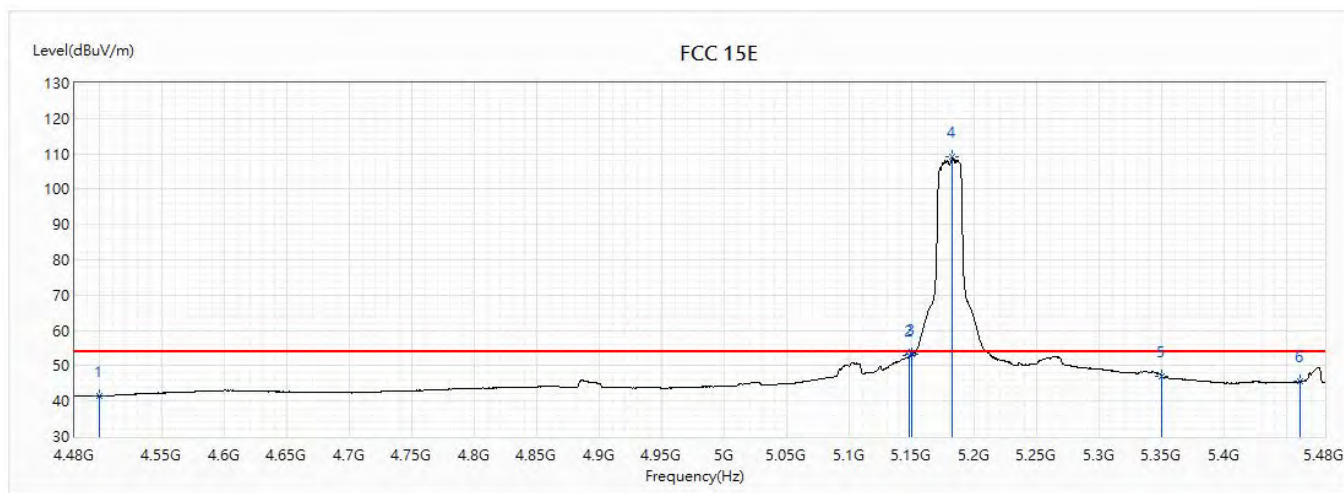


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500	53.29	74.00	-20.71	30.87	22.42	PK
2	5145	70.40	74.00	-3.60	46.62	23.78	PK
3	5150	68.78	74.00	-5.22	44.99	23.79	PK
! 4	5183	122.14	74.00	48.14	98.31	23.83	PK
5	5350	58.69	74.00	-15.31	34.66	24.03	PK
6	5460	57.67	74.00	-16.33	33.51	24.16	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/11/8
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 8: TX BF Mode NSS2		
Note :	802.11ac(20M)_5180MHz		

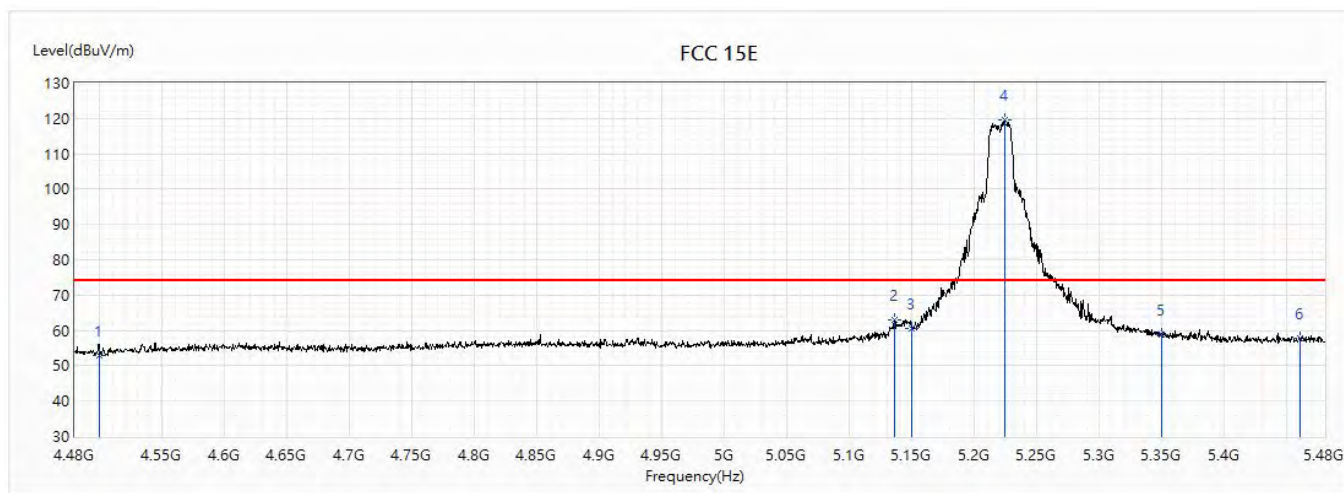


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500	41.39	54.00	-12.61	18.97	22.42	AV
2	5148	52.89	54.00	-1.11	29.10	23.79	AV
3	5150	53.32	54.00	-0.68	29.53	23.79	AV
! 4	5182	109.04	54.00	55.04	85.21	23.83	AV
5	5350	46.93	54.00	-7.07	22.90	24.03	AV
6	5460	45.46	54.00	-8.54	21.30	24.16	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/11/8
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 8: TX_BF Mode_NSS2		
Note :	802.11ac(20M)_5220MHz		

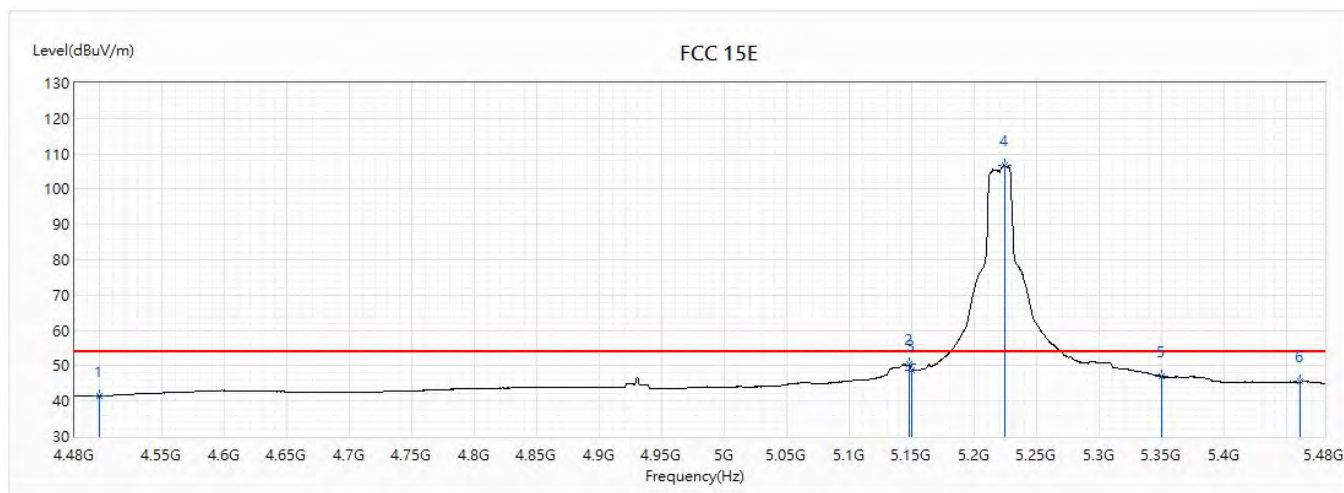


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500	53.08	74.00	-20.92	30.66	22.42	PK
2	5135.5	62.90	74.00	-11.10	39.13	23.77	PK
3	5150	60.68	74.00	-13.32	36.89	23.79	PK
! 4	5224	119.56	74.00	45.56	95.68	23.88	PK
5	5350	58.74	74.00	-15.26	34.71	24.03	PK
6	5460	57.86	74.00	-16.14	33.70	24.16	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/11/8
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 8: TX_BF Mode_NSS2		
Note :	802.11ac(20M)_5220MHz		

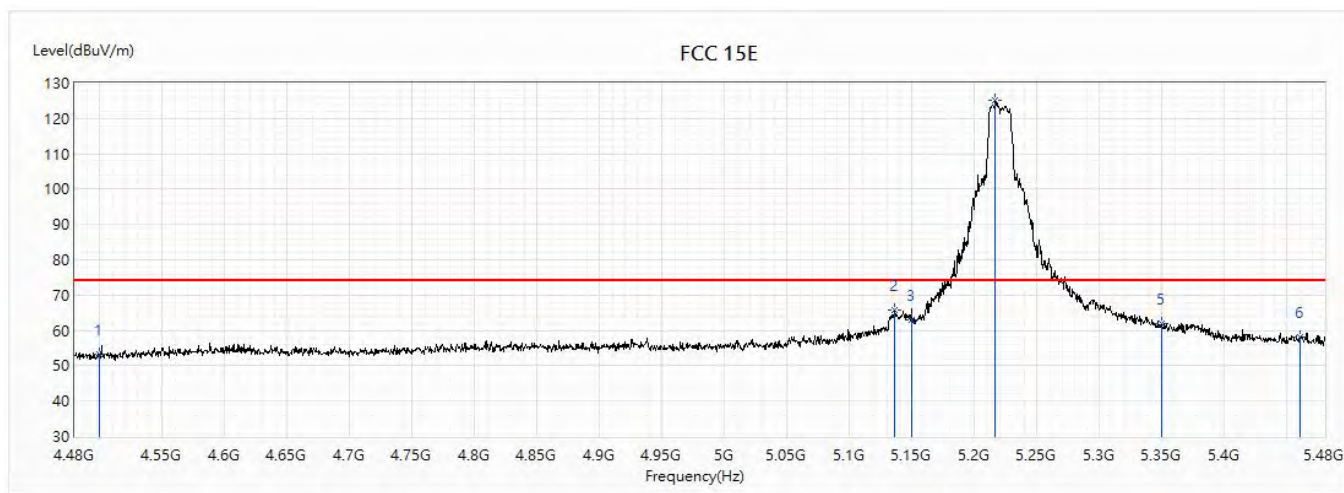


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500	41.40	54.00	-12.60	18.98	22.42	AV
2	5147.5	50.32	54.00	-3.68	26.53	23.79	AV
3	5150	48.67	54.00	-5.33	24.88	23.79	AV
! 4	5224.5	106.70	54.00	52.70	82.82	23.88	AV
5	5350	46.99	54.00	-7.01	22.96	24.03	AV
6	5460	45.47	54.00	-8.53	21.31	24.16	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/11/8
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 8: TX BF Mode NSS2		
Note :	802.11ac(20M)_5220MHz		

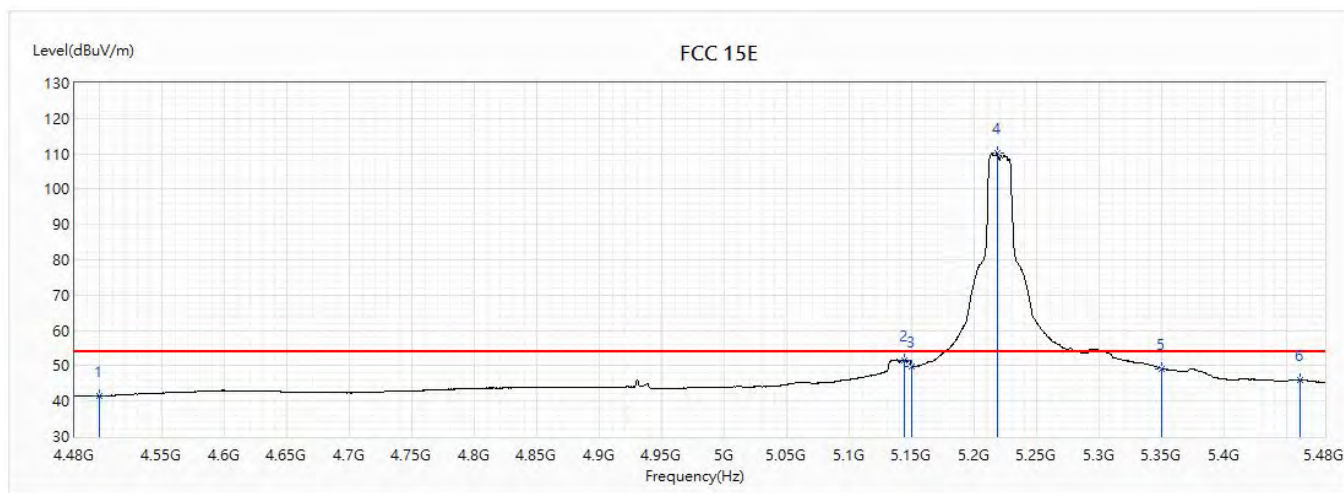


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500	53.24	74.00	-20.76	30.82	22.42	PK
2	5136	65.83	74.00	-8.17	42.06	23.77	PK
3	5150	63.05	74.00	-10.95	39.26	23.79	PK
! 4	5216.5	125.30	74.00	51.30	101.43	23.87	PK
5	5350	61.98	74.00	-12.02	37.95	24.03	PK
6	5460	58.27	74.00	-15.73	34.11	24.16	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/11/8
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 8: TX BF Mode NSS2		
Note :	802.11ac(20M)_5220MHz		

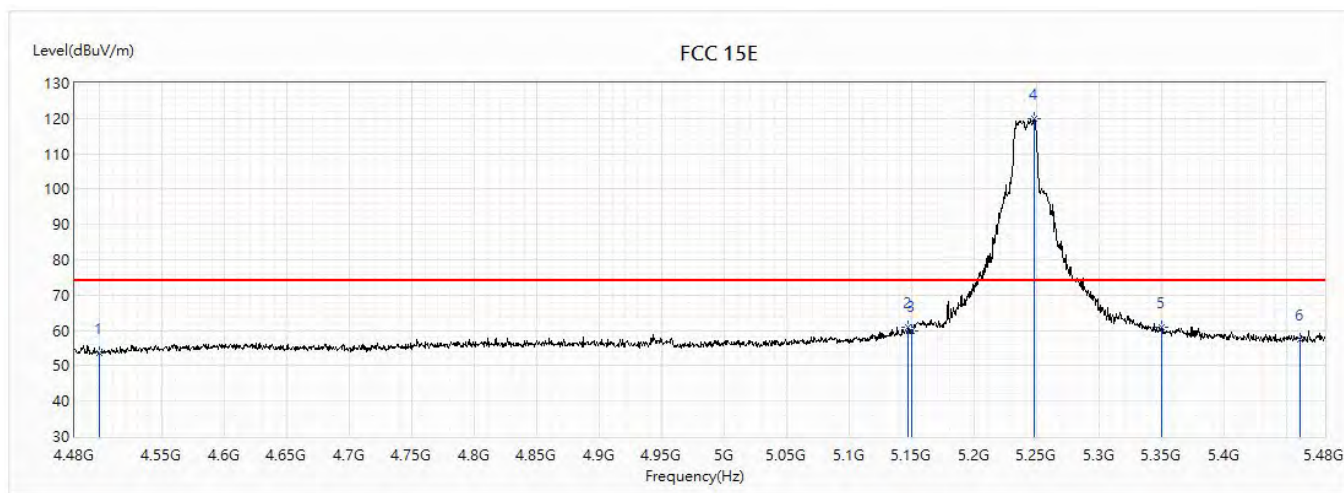


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500	41.39	54.00	-12.61	18.97	22.42	AV
2	5144	51.63	54.00	-2.37	27.85	23.78	AV
3	5150	49.64	54.00	-4.36	25.85	23.79	AV
! 4	5218	110.20	54.00	56.20	86.33	23.87	AV
5	5350	49.23	54.00	-4.77	25.20	24.03	AV
6	5460	45.83	54.00	-8.17	21.67	24.16	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/11/8
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 8: TX BF Mode NSS2		
Note :	802.11ac(20M)_5240MHz		

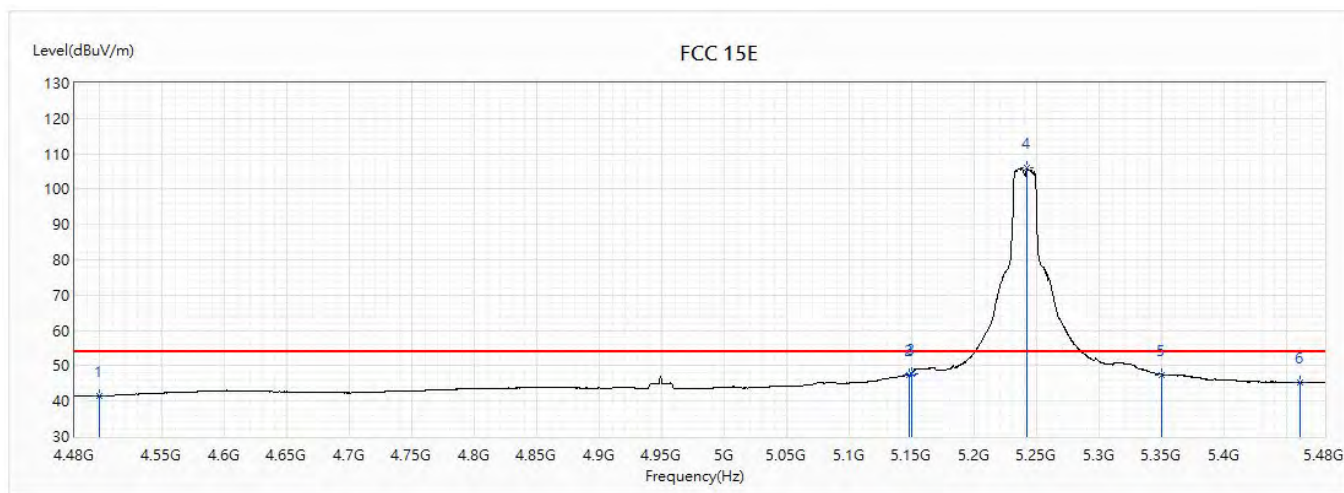


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500	53.65	74.00	-20.35	31.23	22.42	PK
2	5146.5	60.92	74.00	-13.08	37.14	23.78	PK
3	5150	59.74	74.00	-14.26	35.95	23.79	PK
! 4	5248	119.79	74.00	45.79	95.88	23.91	PK
5	5350	60.85	74.00	-13.15	36.82	24.03	PK
6	5460	57.27	74.00	-16.73	33.11	24.16	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/11/8
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 8: TX_BF Mode_NSS2		
Note :	802.11ac(20M)_5240MHz		

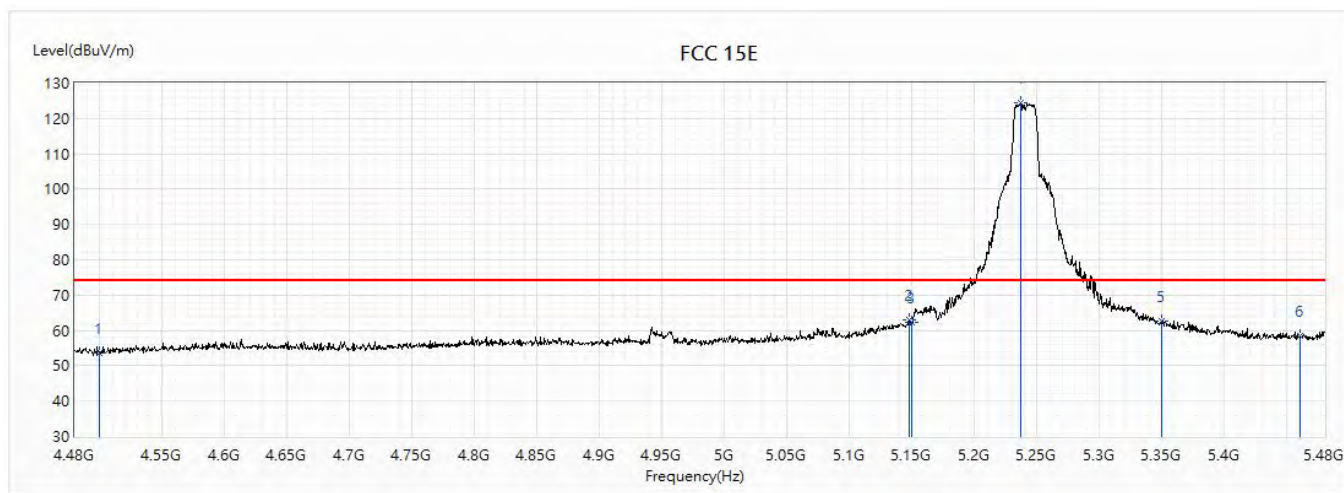


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500	41.39	54.00	-12.61	18.97	22.42	AV
2	5148	47.50	54.00	-6.50	23.71	23.79	AV
3	5150	47.75	54.00	-6.25	23.96	23.79	AV
! 4	5242	106.00	54.00	52.00	82.10	23.90	AV
5	5350	47.49	54.00	-6.51	23.46	24.03	AV
6	5460	45.23	54.00	-8.77	21.07	24.16	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/11/8
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 8: TX BF Mode NSS2		
Note :	802.11ac(20M)_5240MHz		

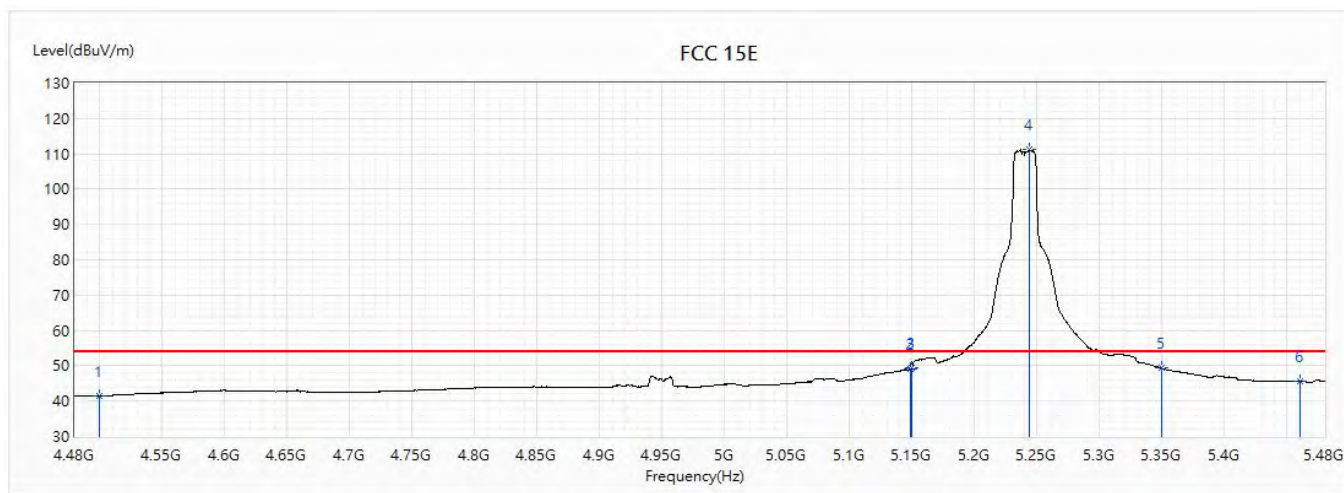


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500	53.54	74.00	-20.46	31.12	22.42	PK
2	5148	62.95	74.00	-11.05	39.16	23.79	PK
3	5150	62.24	74.00	-11.76	38.45	23.79	PK
! 4	5236.5	124.61	74.00	50.61	100.72	23.89	PK
5	5350	62.64	74.00	-11.36	38.61	24.03	PK
6	5460	58.39	74.00	-15.61	34.23	24.16	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/11/8
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 8: TX BF Mode NSS2		
Note :	802.11ac(20M)_5240MHz		

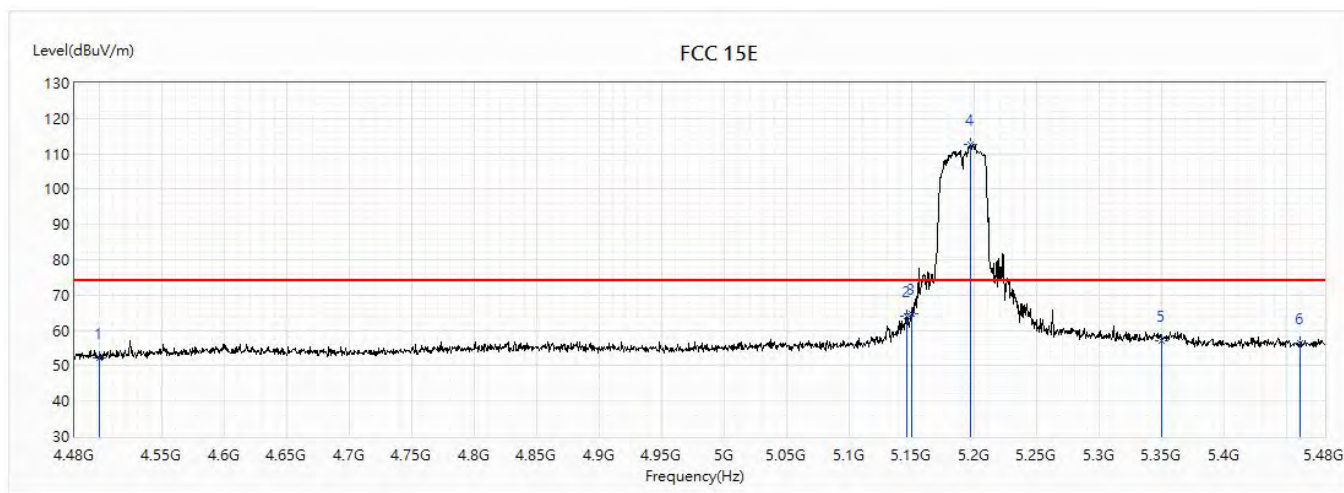


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500	41.39	54.00	-12.61	18.97	22.42	AV
2	5148.5	49.04	54.00	-4.96	25.25	23.79	AV
3	5150	49.31	54.00	-4.69	25.52	23.79	AV
! 4	5244	111.17	54.00	57.17	87.27	23.90	AV
5	5350	49.29	54.00	-4.71	25.26	24.03	AV
6	5460	45.50	54.00	-8.50	21.34	24.16	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/11/8
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 8: TX_BF Mode_NSS2		
Note :	802.11ac(40M)_5190MHz		

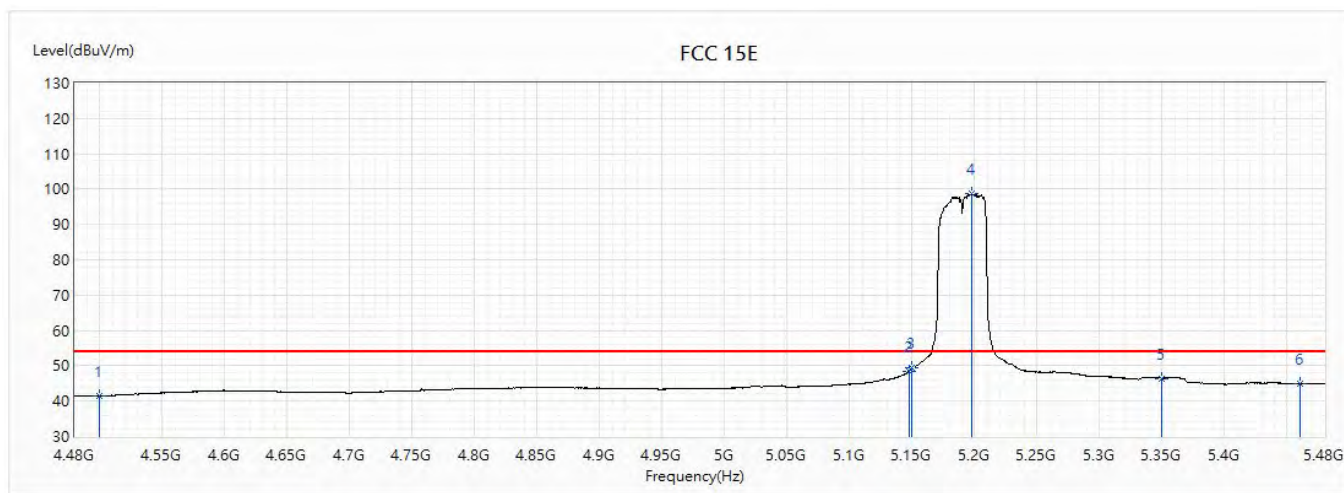


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500	52.12	74.00	-21.88	29.70	22.42	PK
2	5146	64.05	74.00	-9.95	40.26	23.79	PK
3	5150	64.63	74.00	-9.37	40.84	23.79	PK
! 4	5196.5	112.68	74.00	38.68	88.84	23.84	PK
5	5350	57.15	74.00	-16.85	33.12	24.03	PK
6	5460	56.44	74.00	-17.56	32.28	24.16	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/11/8
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 8: TX_BF Mode_NSS2		
Note :	802.11ac(40M)_5190MHz		

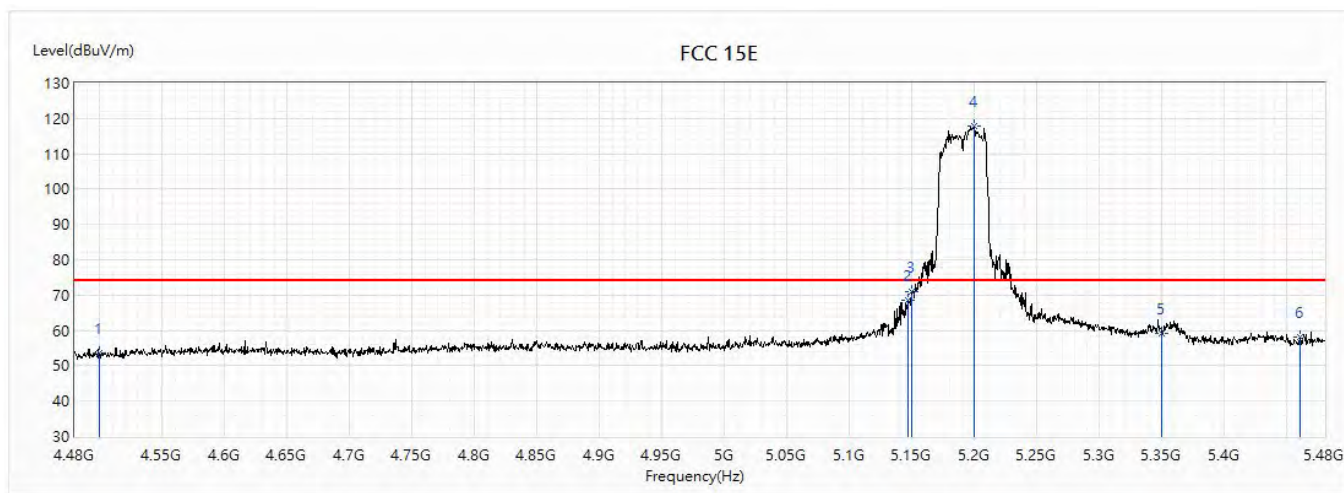


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500	41.38	54.00	-12.62	18.96	22.42	AV
2	5147.5	48.46	54.00	-5.54	24.67	23.79	AV
3	5150	49.56	54.00	-4.44	25.77	23.79	AV
! 4	5198	98.76	54.00	44.76	74.91	23.85	AV
5	5350	46.20	54.00	-7.80	22.17	24.03	AV
6	5460	44.84	54.00	-9.16	20.68	24.16	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/11/8
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 8: TX_BF Mode_NSS2		
Note :	802.11ac(40M)_5190MHz		

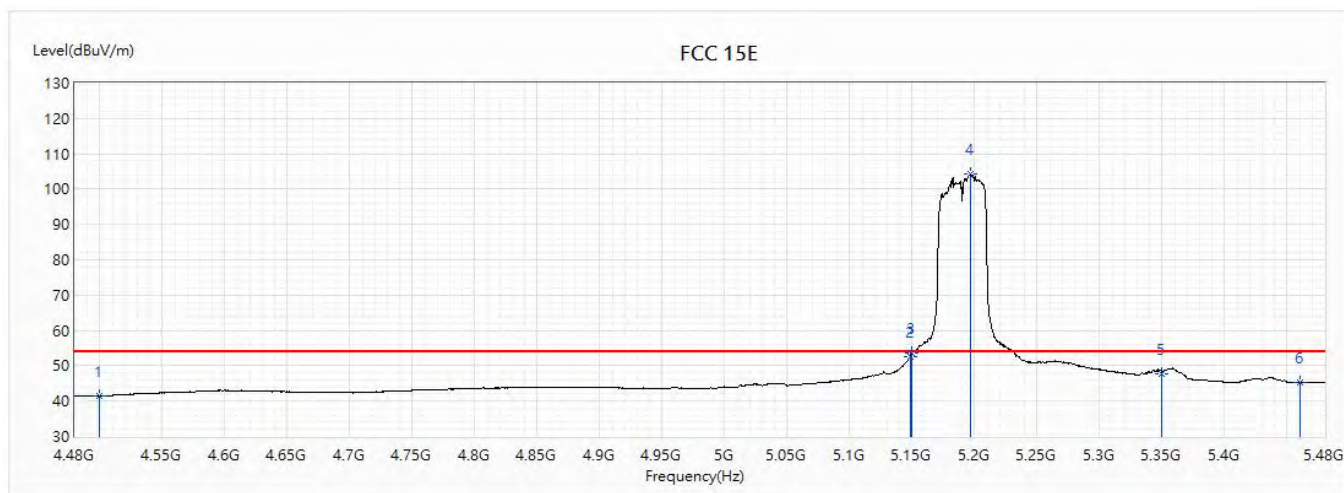


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500	53.54	74.00	-20.46	31.12	22.42	PK
2	5147	68.56	74.00	-5.44	44.77	23.79	PK
3	5150	70.91	74.00	-3.09	47.12	23.79	PK
! 4	5200	117.77	74.00	43.77	93.92	23.85	PK
5	5350	59.16	74.00	-14.84	35.13	24.03	PK
6	5460	58.21	74.00	-15.79	34.05	24.16	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/11/8
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 8: TX BF Mode NSS2		
Note :	802.11ac(40M)_5190MHz		

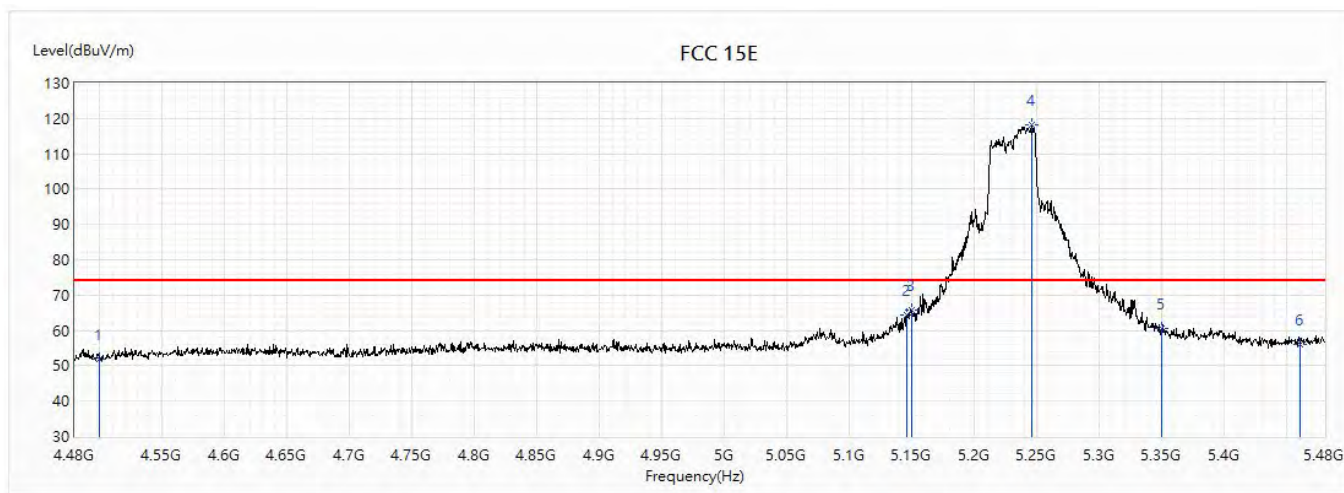


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500	41.42	54.00	-12.58	19.00	22.42	AV
2	5148.5	52.54	54.00	-1.46	28.75	23.79	AV
3	5150	53.58	54.00	-0.42	29.79	23.79	AV
! 4	5197	104.21	54.00	50.21	80.36	23.85	AV
5	5350	47.80	54.00	-6.20	23.77	24.03	AV
6	5460	45.34	54.00	-8.66	21.18	24.16	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/11/8
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 8: TX_BF Mode_NSS2		
Note :	802.11ac(40M)_5230MHz		

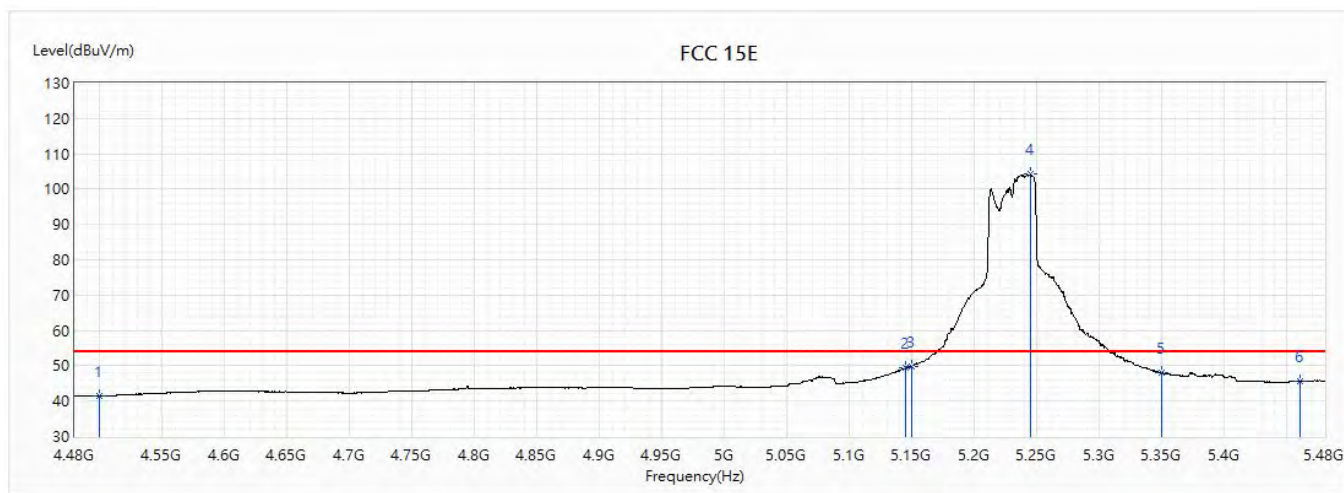


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500	52.04	74.00	-21.96	29.62	22.42	PK
2	5145.5	64.50	74.00	-9.50	40.72	23.78	PK
3	5150	65.70	74.00	-8.30	41.91	23.79	PK
! 4	5245.5	118.28	74.00	44.28	94.38	23.90	PK
5	5350	60.55	74.00	-13.45	36.52	24.03	PK
6	5460	56.02	74.00	-17.98	31.86	24.16	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/11/8
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 8: TX_BF Mode_NSS2		
Note :	802.11ac(40M)_5230MHz		

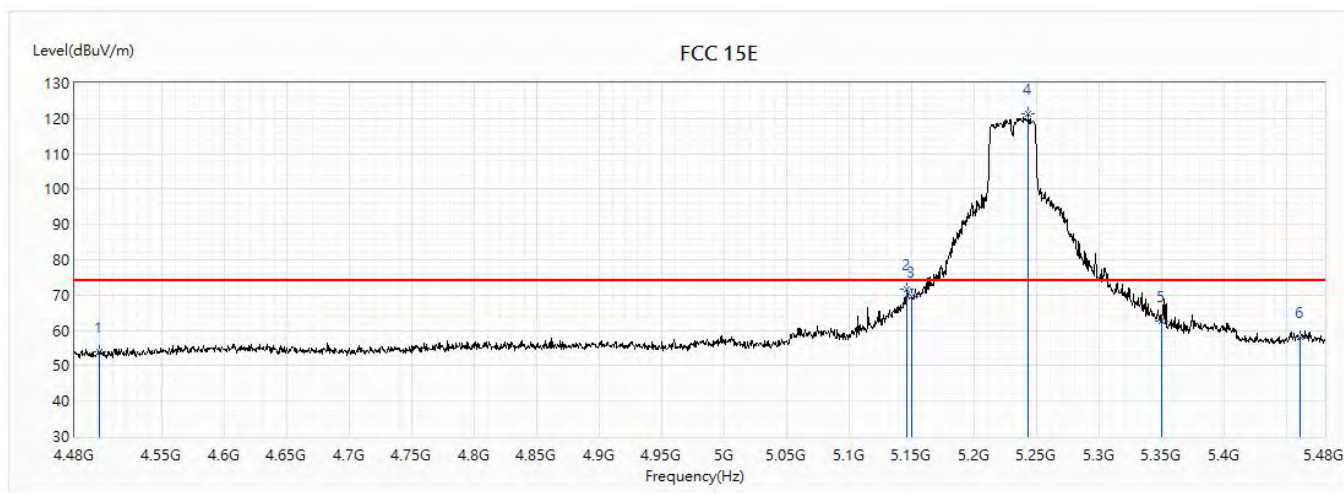


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500	41.36	54.00	-12.64	18.94	22.42	AV
2	5145	49.33	54.00	-4.67	25.55	23.78	AV
3	5150	49.95	54.00	-4.05	26.16	23.79	AV
! 4	5244.5	104.14	54.00	50.14	80.24	23.90	AV
5	5350	48.04	54.00	-5.96	24.01	24.03	AV
6	5460	45.46	54.00	-8.54	21.30	24.16	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/11/8
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 8: TX_BF Mode_NSS2		
Note :	802.11ac(40M)_5230MHz		

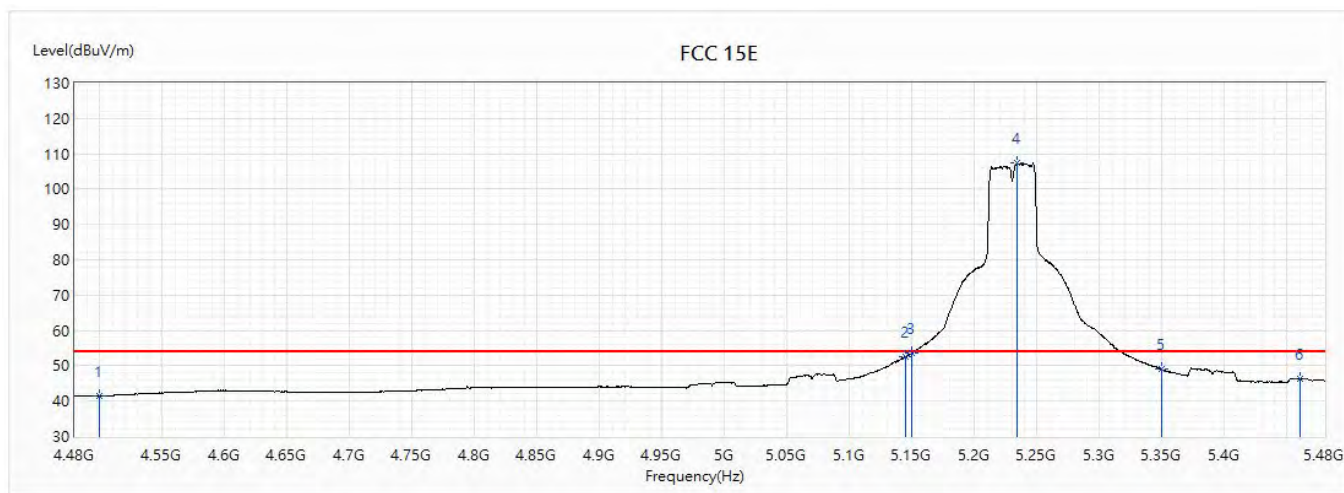


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500	54.12	74.00	-19.88	31.70	22.42	PK
2	5145.5	71.50	74.00	-2.50	47.72	23.78	PK
3	5150	69.42	74.00	-4.58	45.63	23.79	PK
! 4	5243	121.20	74.00	47.20	97.30	23.90	PK
5	5350	62.77	74.00	-11.23	38.74	24.03	PK
6	5460	58.20	74.00	-15.80	34.04	24.16	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/11/8
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 8: TX BF Mode NSS2		
Note :	802.11ac(40M)_5230MHz		

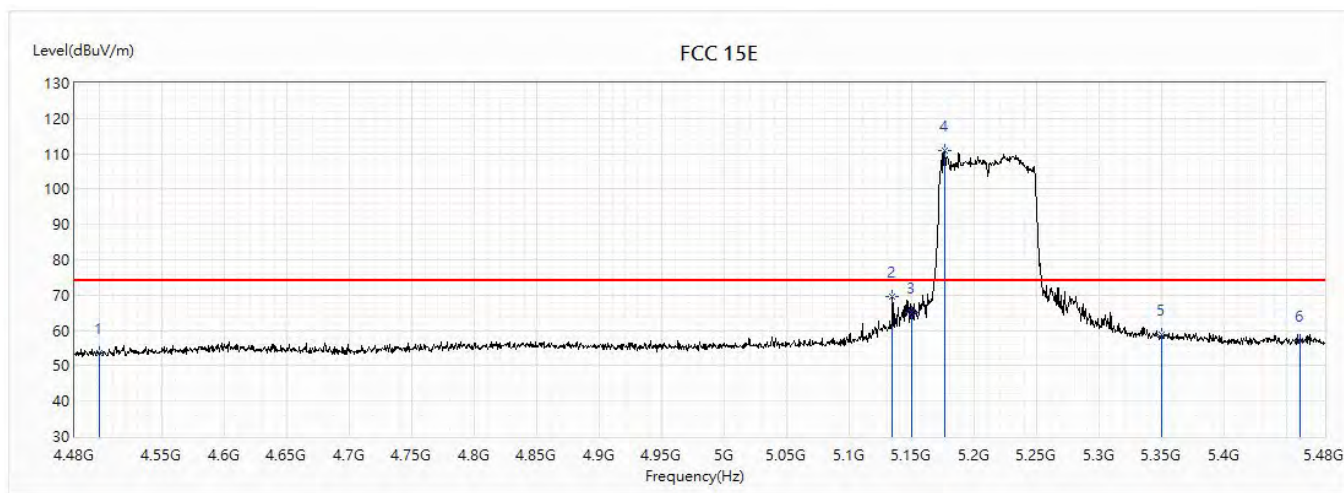


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500	41.44	54.00	-12.56	19.02	22.42	AV
2	5145	52.51	54.00	-1.49	28.73	23.78	AV
3	5150	53.46	54.00	-0.54	29.67	23.79	AV
! 4	5234	107.49	54.00	53.49	83.60	23.89	AV
5	5350	49.06	54.00	-4.94	25.03	24.03	AV
6	5460	46.28	54.00	-7.72	22.12	24.16	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/11/8
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 8: TX_BF Mode_NSS2		
Note :	802.11ac(80M)_5210MHz		

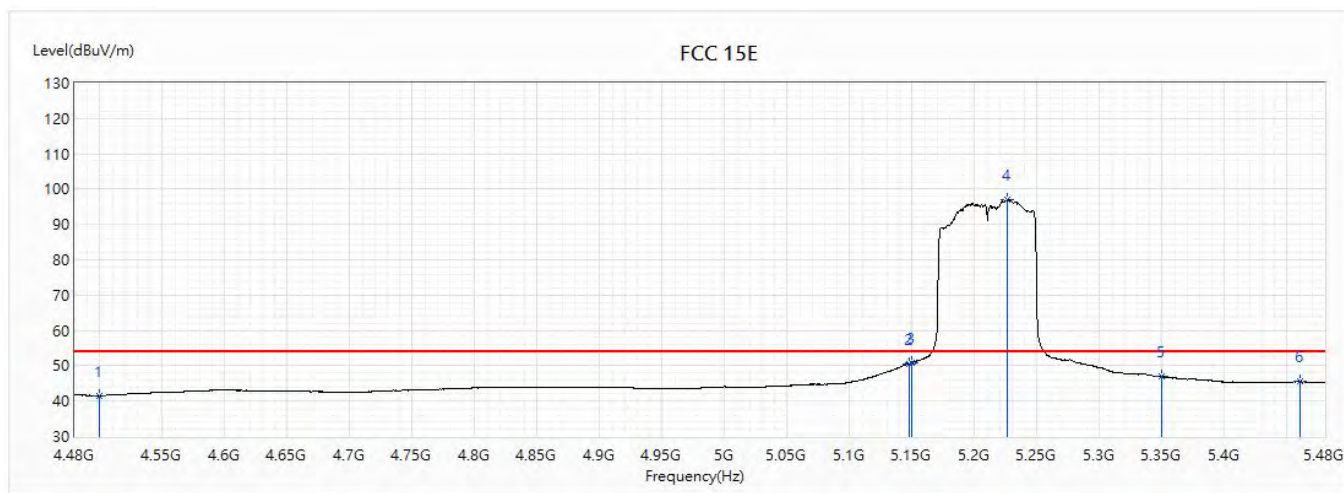


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500	53.51	74.00	-20.49	31.09	22.42	PK
2	5134	69.46	74.00	-4.54	45.70	23.76	PK
3	5150	65.19	74.00	-8.81	41.40	23.79	PK
! 4	5176	110.77	74.00	36.77	86.95	23.82	PK
5	5350	58.96	74.00	-15.04	34.93	24.03	PK
6	5460	57.19	74.00	-16.81	33.03	24.16	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/11/8
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 8: TX BF Mode NSS2		
Note :	802.11ac(80M)_5210MHz		

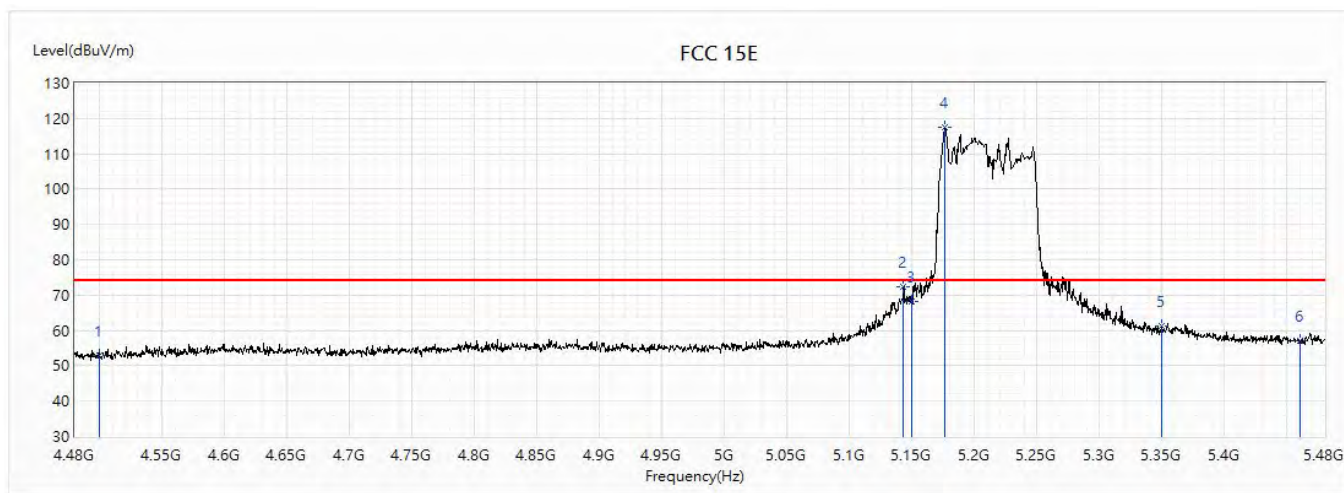


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500	41.54	54.00	-12.46	19.12	22.42	AV
2	5147.5	50.65	54.00	-3.35	26.86	23.79	AV
3	5150	50.83	54.00	-3.17	27.04	23.79	AV
! 4	5226.5	97.13	54.00	43.13	73.25	23.88	AV
5	5350	46.92	54.00	-7.08	22.89	24.03	AV
6	5460	45.50	54.00	-8.50	21.34	24.16	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

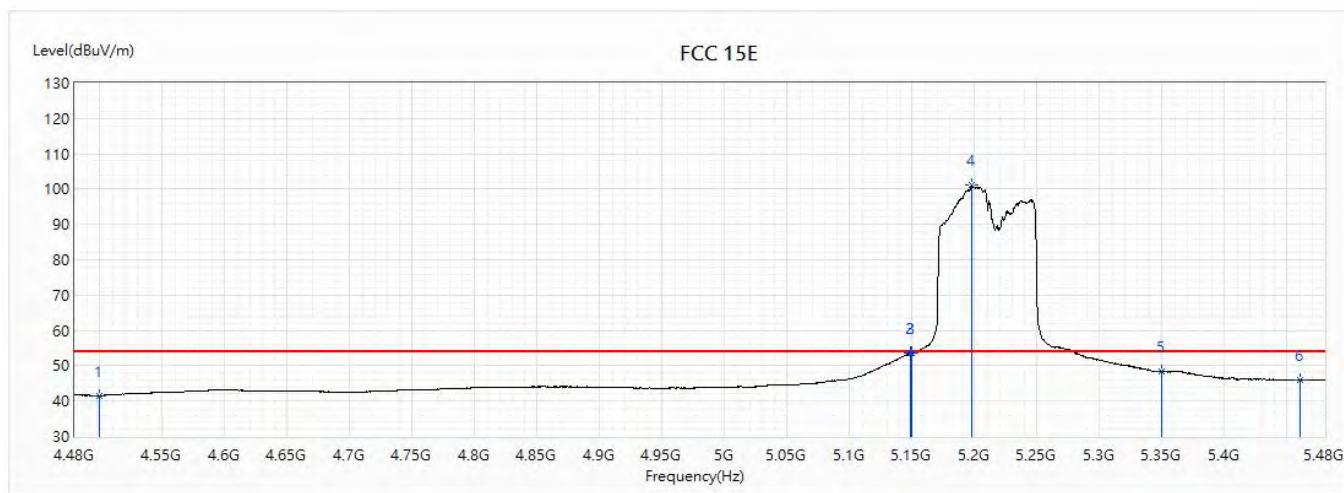
Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/11/8
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 8: TX_BF Mode_NSS2		
Note :	802.11ac(80M)_5210MHz		



Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/11/8
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 8: TX BF Mode NSS2		
Note :	802.11ac(80M)_5210MHz		

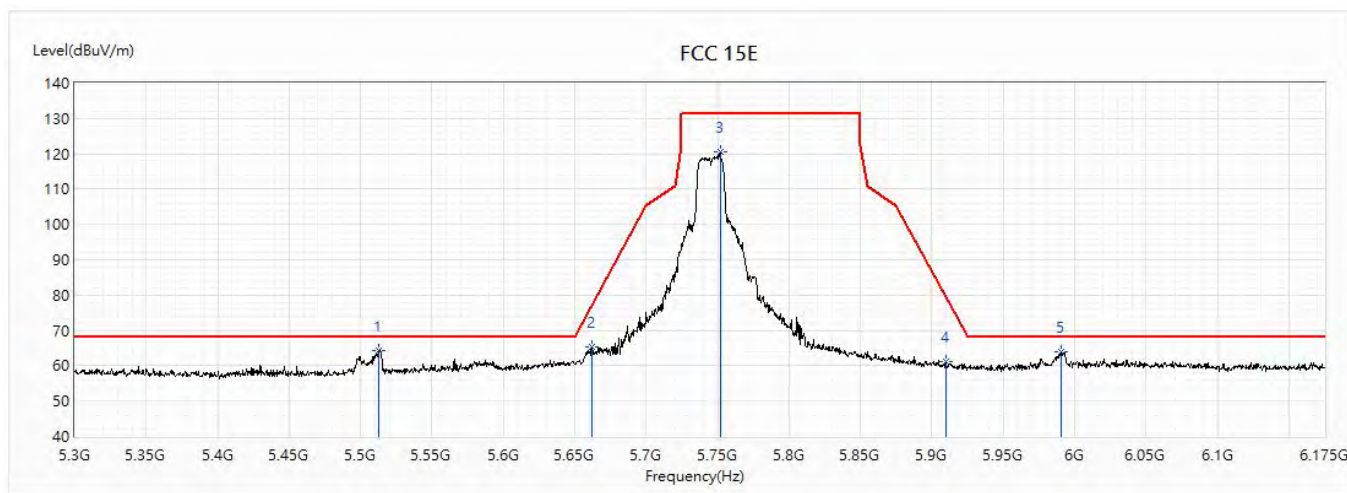


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4500	41.56	54.00	-12.44	19.14	22.42	AV
2	5149	53.50	54.00	-0.50	29.71	23.79	AV
3	5150	53.64	54.00	-0.36	29.85	23.79	AV
! 4	5198	101.30	54.00	47.30	77.45	23.85	AV
5	5350	48.33	54.00	-5.67	24.30	24.03	AV
6	5460	45.94	54.00	-8.06	21.78	24.16	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/11/8
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 8: TX BF Mode NSS2		
Note :	802.11ac(20M)_5745MHz		

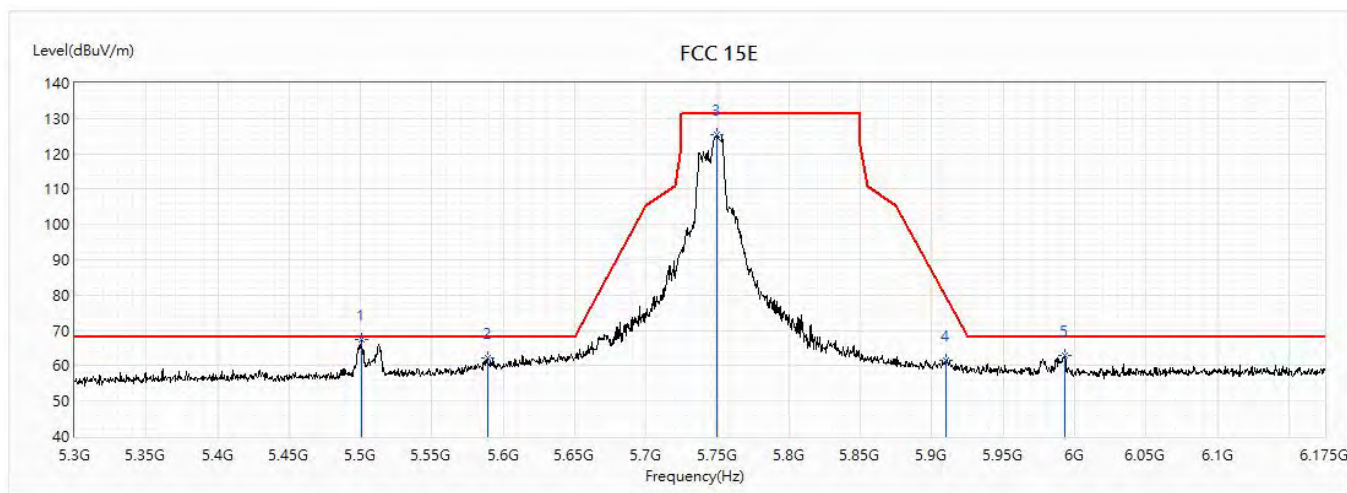


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
* 1	5513.063	64.37	68.20	-3.83	40.12	24.25	PK
2	5661.813	65.40	76.94	-11.54	40.59	24.81	PK
3	5751.938	120.43	131.20	-10.77	95.28	25.15	PK
4	5909.875	61.30	79.39	-18.09	35.55	25.75	PK
5	5990.375	63.86	68.20	-4.34	37.79	26.07	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/11/1
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 8: TX BF Mode NSS2		
Note :	802.11ac(20M)_5745MHz		

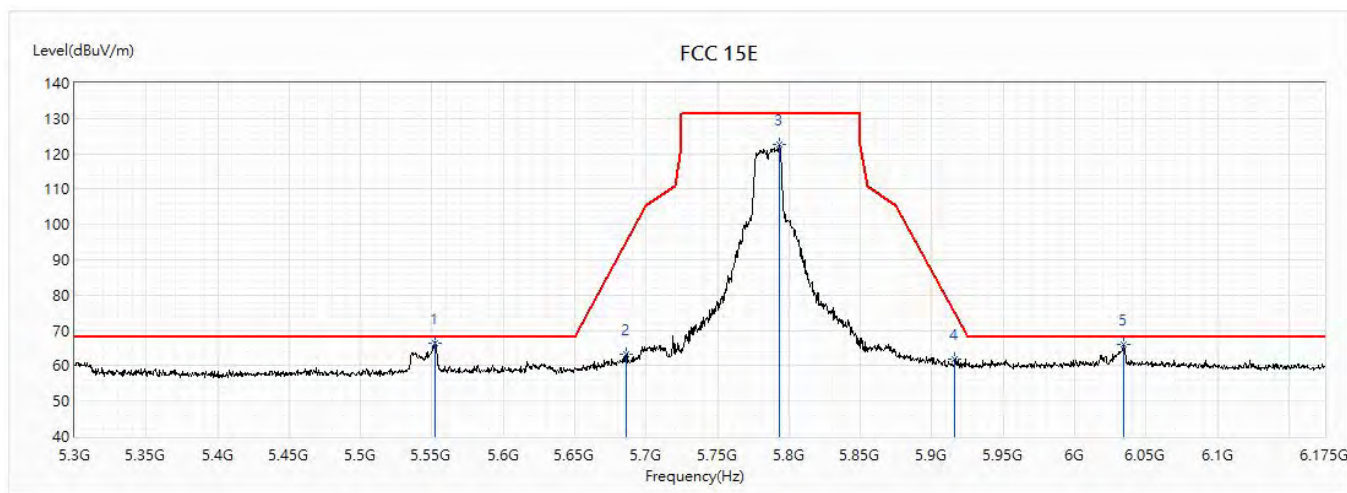


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
* 1	5500.375	67.46	68.20	-0.74	43.25	24.21	PK
2	5588.75	62.31	68.20	-5.89	37.77	24.54	PK
3	5749.75	125.37	131.20	-5.83	100.22	25.15	PK
4	5909.875	61.57	79.39	-17.82	35.82	25.75	PK
5	5993	62.90	68.20	-5.30	36.82	26.08	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/11/8
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 8: TX_BF Mode_NSS2		
Note :	802.11ac(20M)_5785MHz		

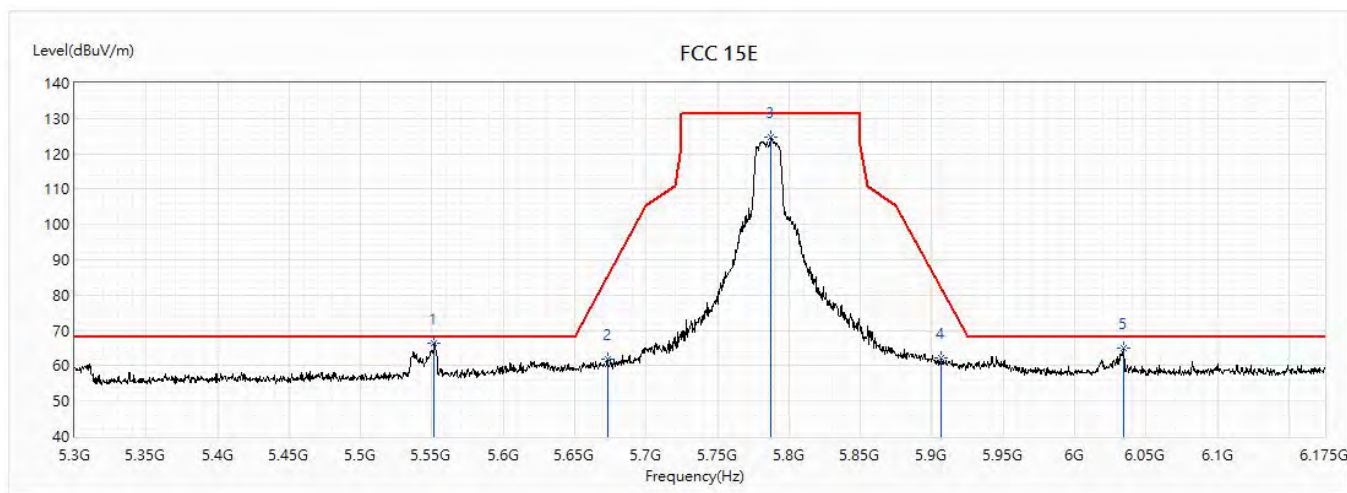


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
* 1	5552	66.42	68.20	-1.78	42.03	24.39	PK
2	5686.313	63.23	95.07	-31.84	38.32	24.91	PK
3	5793.063	122.56	131.20	-8.64	97.24	25.32	PK
4	5916	61.89	74.86	-12.97	36.11	25.78	PK
5	6034.563	65.93	68.20	-2.27	39.72	26.21	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/11/1
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 8: TX BF Mode NSS2		
Note :	802.11ac(20M)_5785MHz		

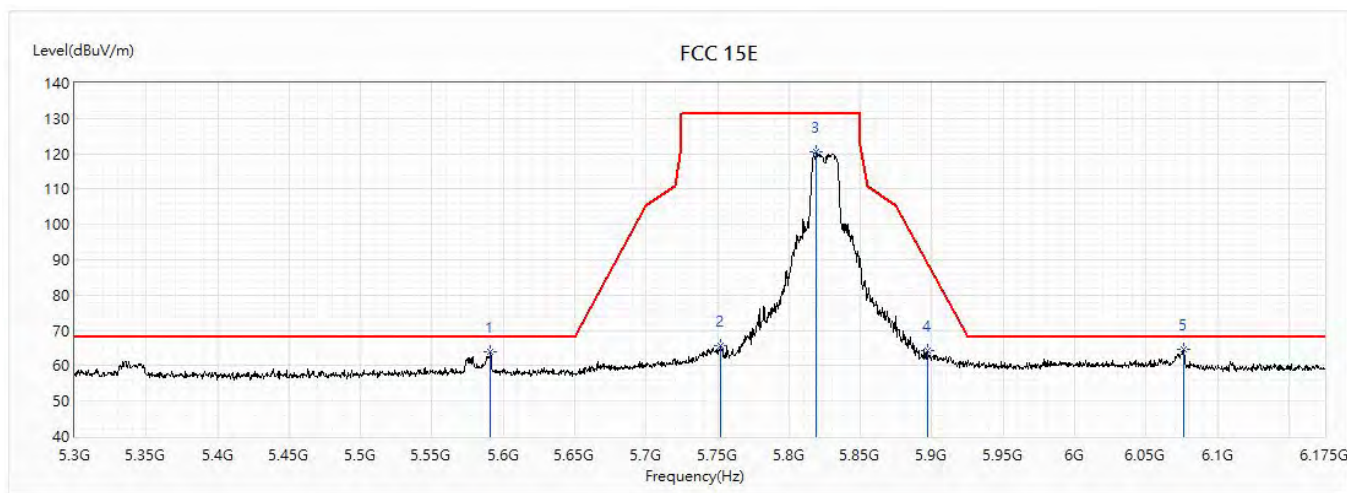


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
* 1	5551.563	66.25	68.20	-1.95	41.86	24.39	PK
2	5672.75	61.88	85.03	-23.16	37.02	24.86	PK
3	5787.375	124.61	131.20	-6.59	99.32	25.29	PK
4	5906.375	62.24	81.98	-19.75	36.51	25.73	PK
5	6034.125	65.00	68.20	-3.20	38.79	26.21	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/11/8
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 8: TX_BF Mode_NSS2		
Note :	802.11ac(20M)_5825MHz		

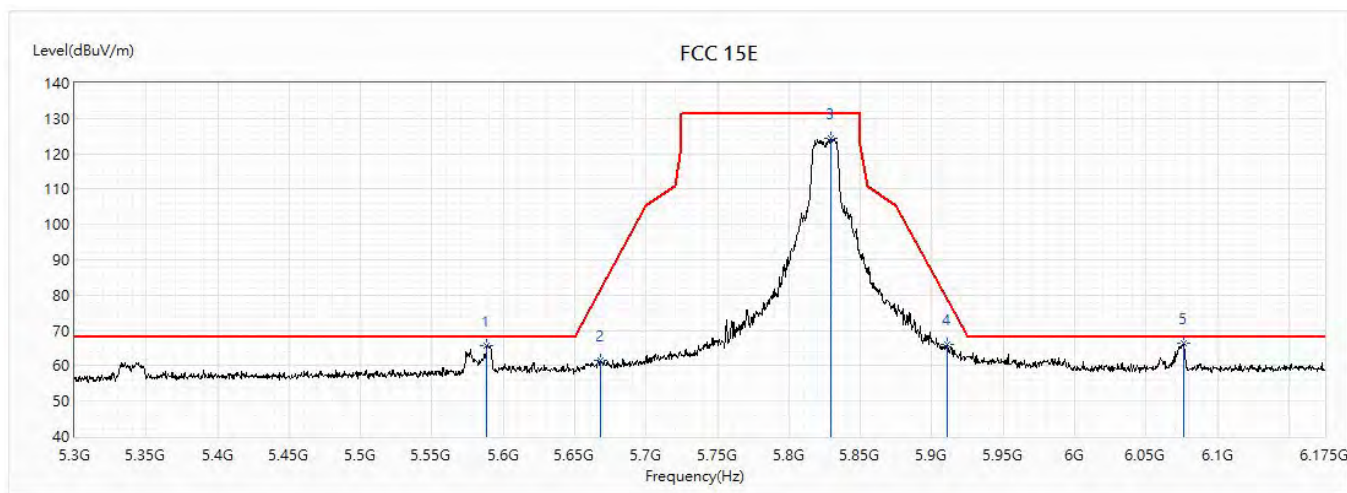


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	5590.938	63.81	68.20	-4.39	39.27	24.54	PK
2	5752.375	65.68	131.20	-65.52	40.53	25.15	PK
3	5819.313	120.41	131.20	-10.79	95.01	25.40	PK
4	5896.75	64.27	89.10	-24.84	38.57	25.70	PK
* 5	6076.563	64.49	68.20	-3.71	38.16	26.33	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/11/1
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 8: TX BF Mode NSS2		
Note :	802.11ac(20M)_5825MHz		

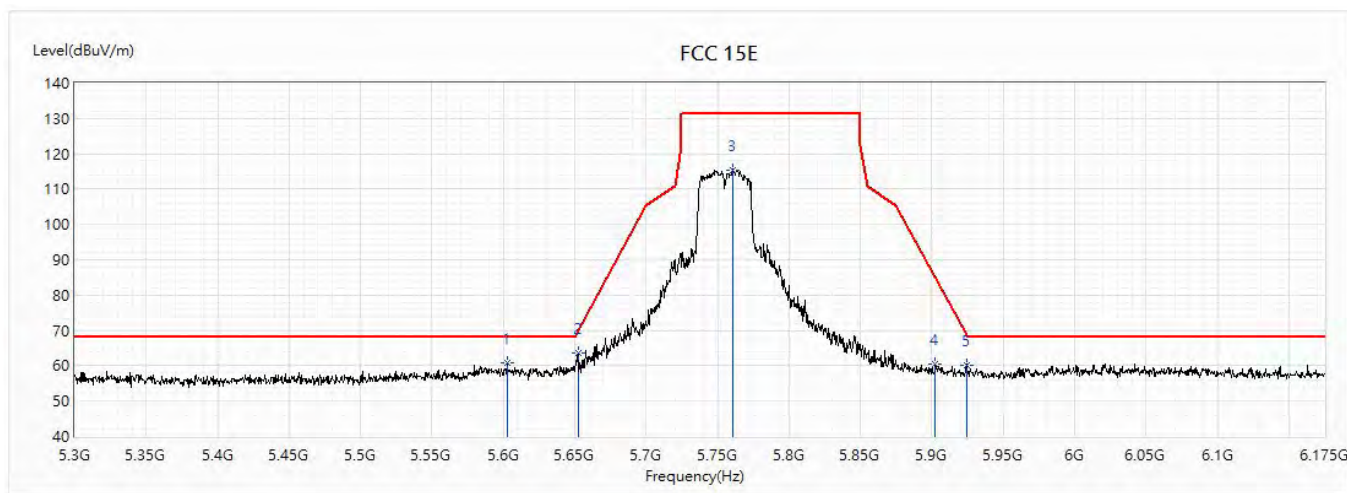


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	5588.313	65.69	68.20	-2.51	41.15	24.54	PK
2	5668.375	61.55	81.80	-20.25	36.72	24.83	PK
3	5828.938	124.47	131.20	-6.73	99.02	25.45	PK
4	5911.188	65.96	78.42	-12.46	40.21	25.75	PK
* 5	6076.125	66.53	68.20	-1.67	40.20	26.33	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/11/8
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 8: TX BF Mode NSS2		
Note :	802.11ac(40M)_5755MHz		

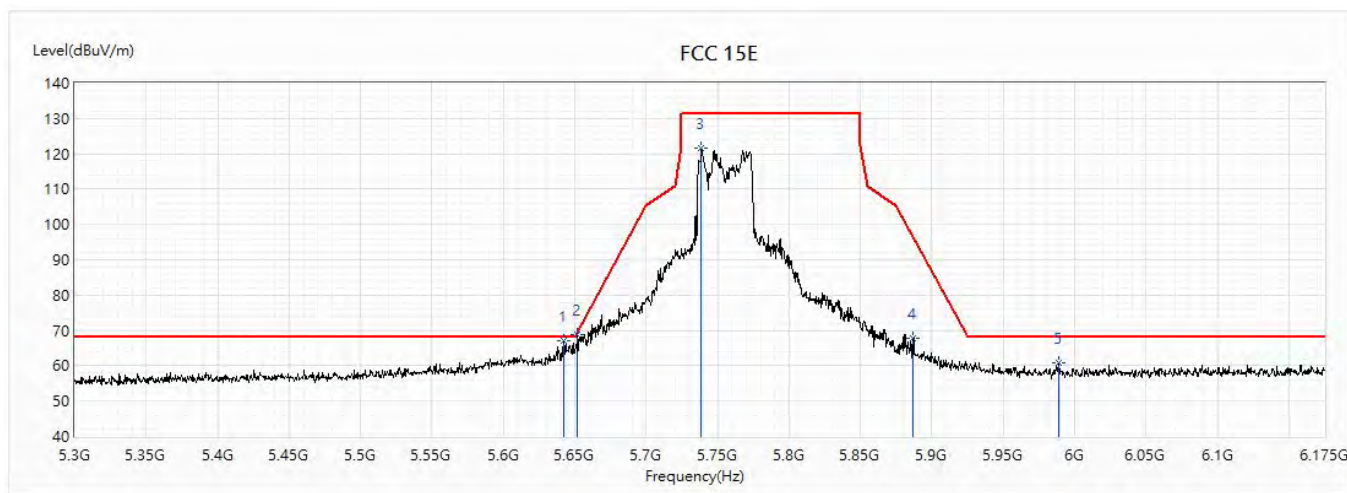


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	5602.75	60.78	68.20	-7.42	36.20	24.58	PK
* 2	5652.188	63.67	69.82	-6.15	38.90	24.77	PK
3	5760.688	115.52	131.20	-15.68	90.33	25.19	PK
4	5902.438	60.41	84.90	-24.49	34.69	25.72	PK
5	5924.313	60.31	68.71	-8.40	34.51	25.80	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/11/1
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 8: TX BF Mode NSS2		
Note :	802.11ac(40M)_5755MHz		

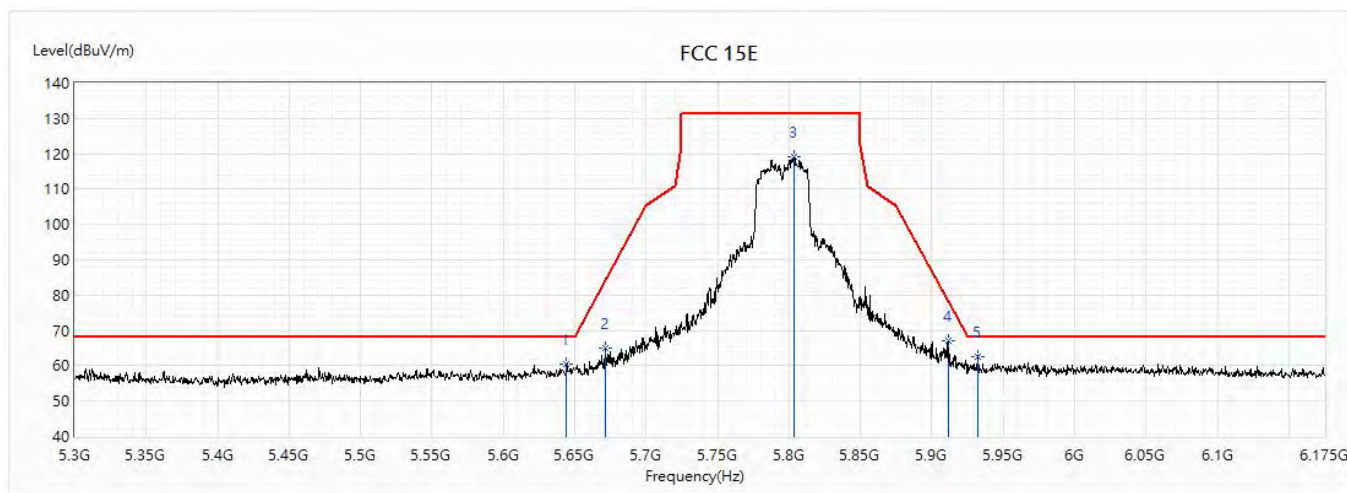


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	5642.563	67.00	68.20	-1.20	42.25	24.75	PK
* 2	5651.75	68.69	69.50	-0.80	43.92	24.77	PK
3	5738.375	121.73	131.20	-9.47	96.63	25.10	PK
4	5887.125	67.77	96.23	-28.46	42.10	25.67	PK
5	5988.625	60.80	68.20	-7.40	34.73	26.07	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/11/8
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 8: TX BF Mode NSS2		
Note :	802.11ac(40M)_5795MHz		

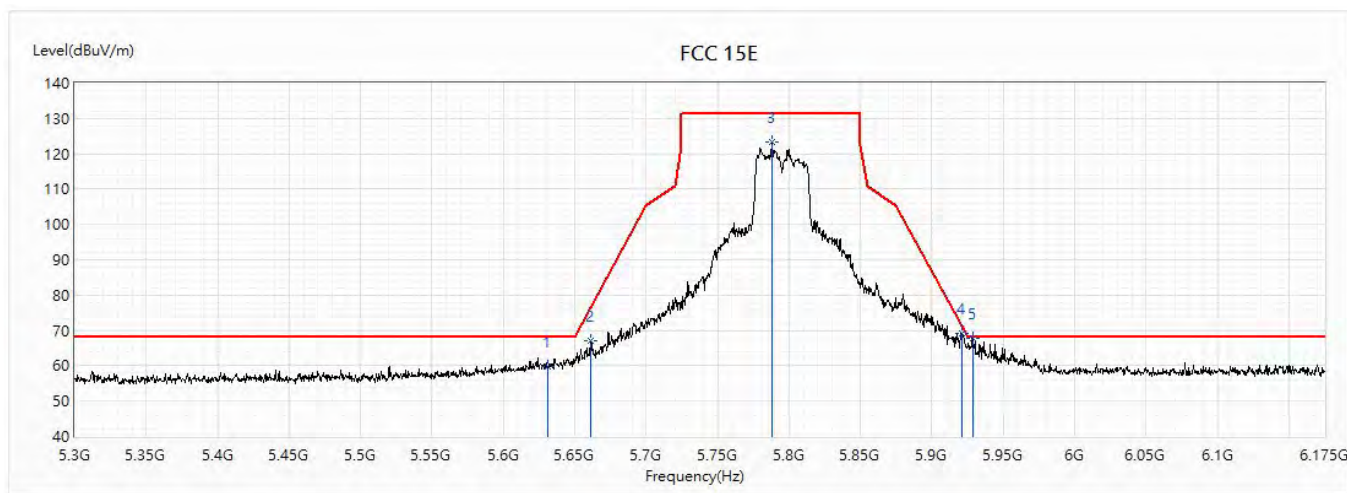


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	5644.313	60.38	68.20	-7.82	35.63	24.75	PK
2	5671.438	64.99	84.06	-19.07	40.14	24.85	PK
3	5803.563	119.06	131.20	-12.14	93.71	25.35	PK
4	5912.063	67.20	77.77	-10.57	41.45	25.75	PK
* 5	5932.188	62.56	68.20	-5.64	36.72	25.84	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/11/1
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 8: TX BF Mode NSS2		
Note :	802.11ac(40M)_5795MHz		

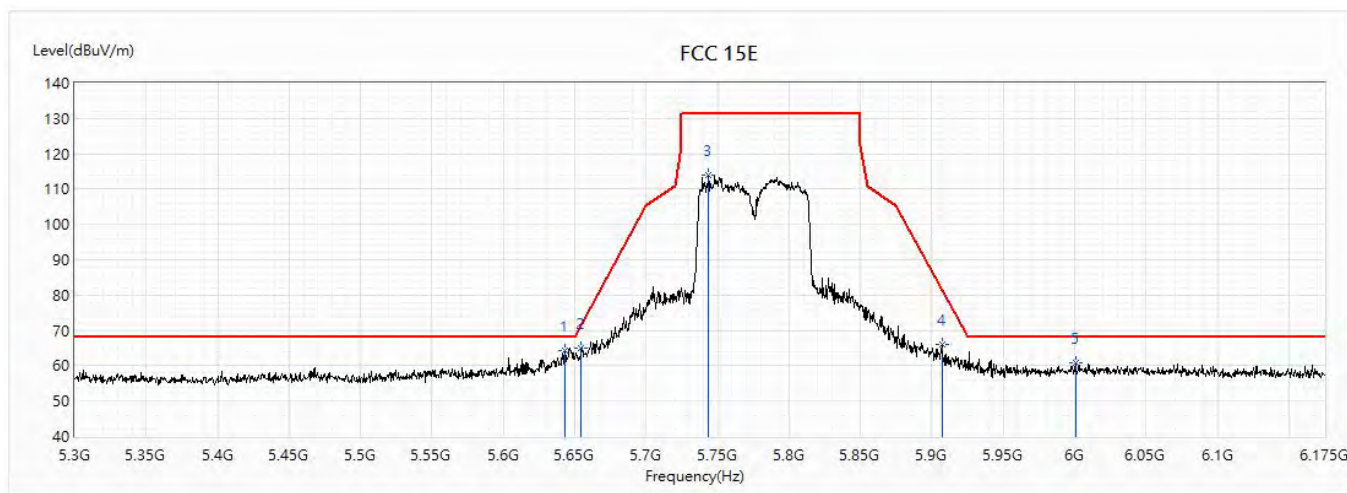


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	5630.75	59.62	68.20	-8.58	34.92	24.70	PK
2	5660.938	67.03	76.29	-9.26	42.22	24.81	PK
3	5788.25	123.46	131.20	-7.74	98.17	25.29	PK
4	5920.813	69.19	71.30	-2.11	43.40	25.79	PK
* 5	5928.688	67.95	68.20	-0.25	42.14	25.81	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/11/8
Test Voltage :	AC 120V/60Hz	Polarity :	Horizontal
Test Mode :	Mode 8: TX BF Mode NSS2		
Note :	802.11ac(80M)_5775MHz		

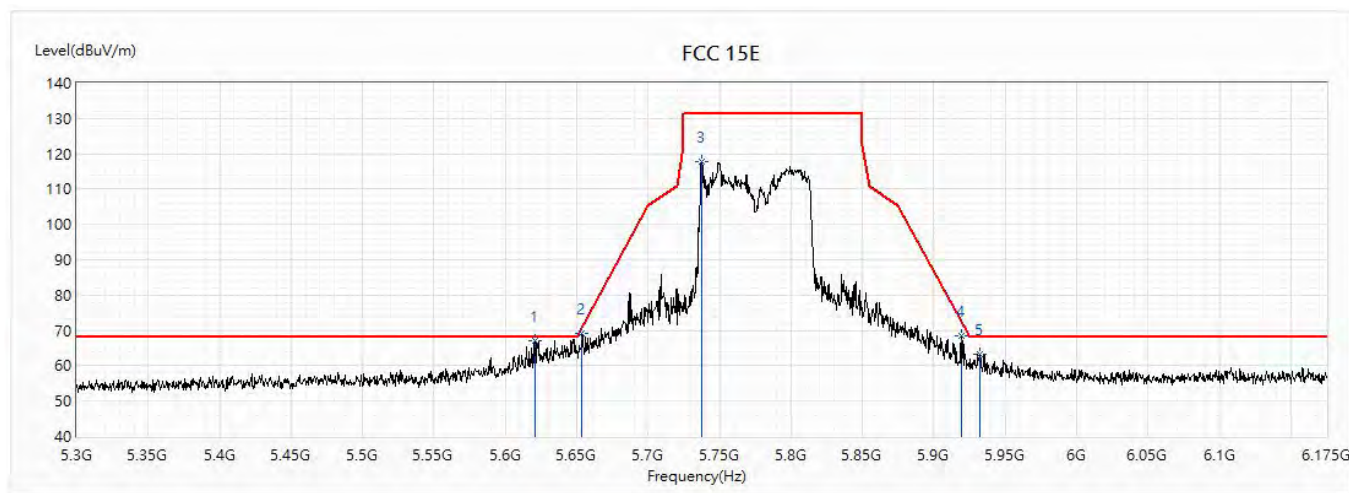


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
* 1	5643.438	64.39	68.20	-3.81	39.64	24.75	PK
2	5654.375	65.09	71.44	-6.35	40.31	24.78	PK
3	5743.625	114.12	131.20	-17.08	88.99	25.13	PK
4	5907.25	65.91	81.34	-15.43	40.18	25.73	PK
5	6000.438	60.97	68.20	-7.23	34.86	26.11	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.

Site :	CB2-H	Engineer :	Scott
Model No :	RT-AC86U	Test Date :	2018/11/1
Test Voltage :	AC 120V/60Hz	Polarity :	Vertical
Test Mode :	Mode 8: TX BF Mode NSS2		
Note :	802.11ac(80M)_5775MHz		



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
* 1	5620.688	67.06	68.20	-1.14	42.40	24.66	PK
2	5653.5	69.12	70.79	-1.67	44.34	24.78	PK
3	5737.5	117.76	131.20	-13.44	92.66	25.10	PK
4	5919.063	68.48	72.59	-4.11	42.70	25.78	PK
5	5932.625	63.24	68.20	-4.96	37.40	25.84	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
5. The fundamental for reference only, it's not restricted by unwanted emission limit.