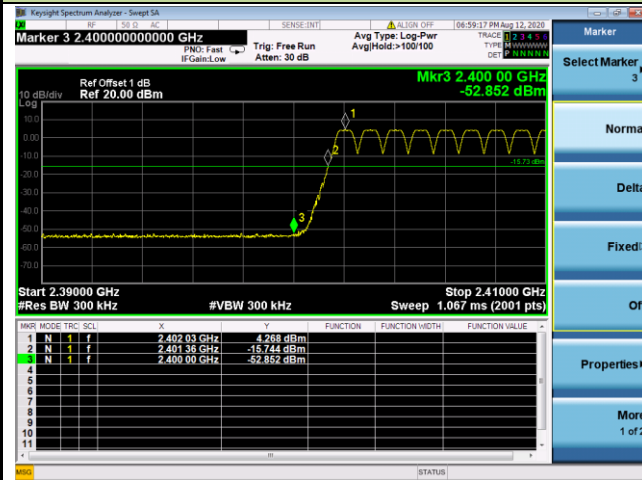
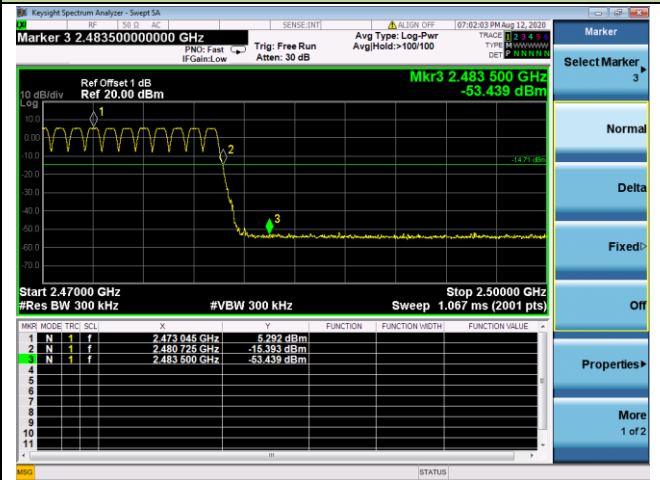


Operation Frequency Range of 20dB Bandwidth within Hopping Mode

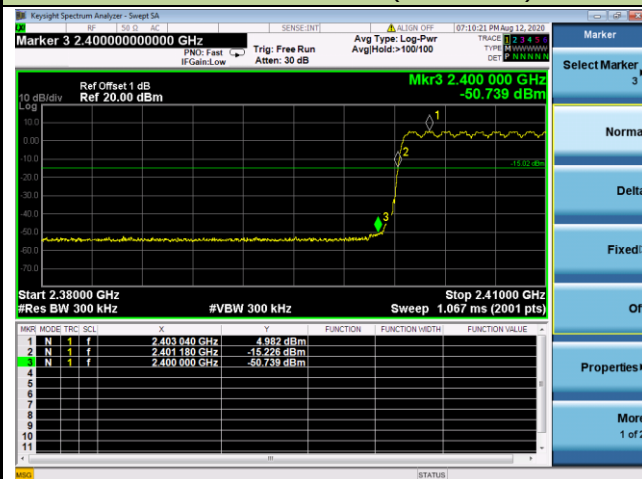
DH5 - Channel 00 (2402MHz)



DH5 - Channel 78 (2480MHz)



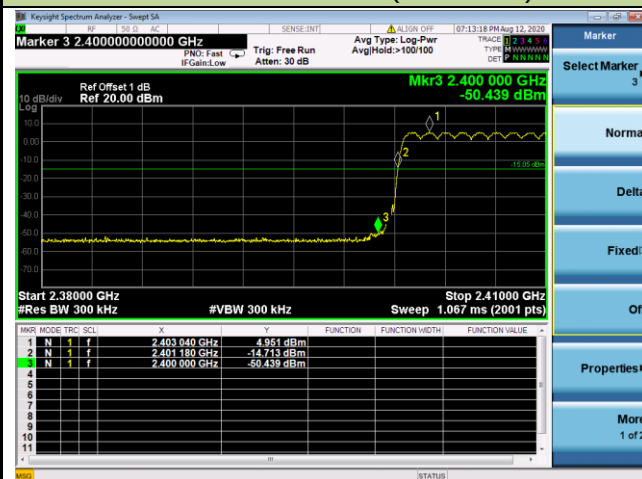
2DH5 - Channel 00 (2402MHz)



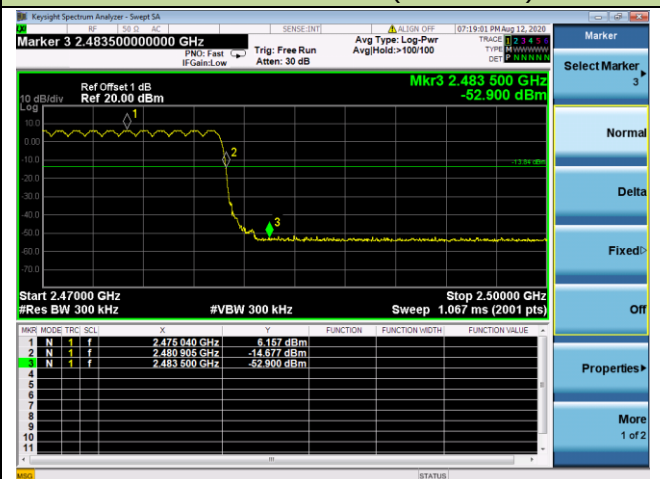
2DH5 - Channel 78 (2480MHz)



3DH5 - Channel 00 (2402MHz)



3DH5 - Channel 78 (2480MHz)



6.8. Conducted Spurious Emissions Measurement

6.8.1. Test Limit

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, the attenuation required under this paragraph shall be 30 dB instead of 20 dB.

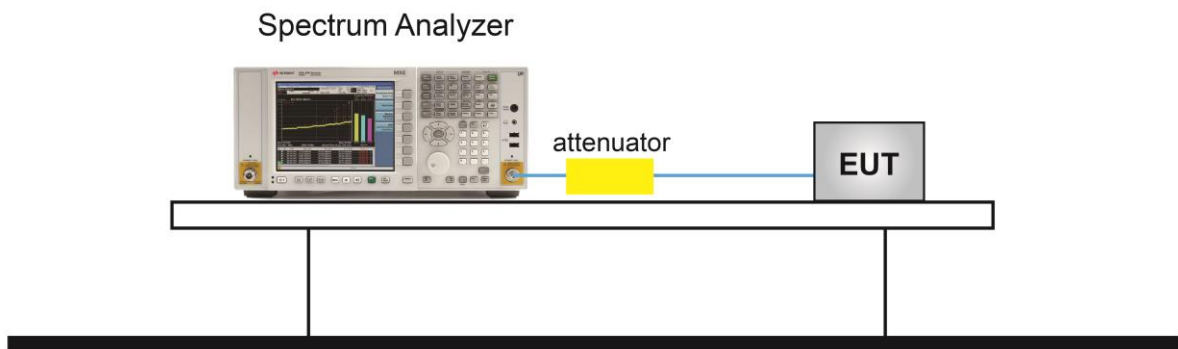
6.8.2. Test Procedure Used

ANSI C63.10-2013 - Section 7.8.8

6.8.3. Test Setting

1. Span = wide enough to capture the peak level of the in-band emission and all spurious emissions (e.g., harmonics) from the lowest frequency generated in the EUT up through the 10th harmonic.
Typically, several plots are required to cover this entire span.
2. RBW = 100KHz
3. VBW = 300KHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize
8. Set the marker on the peak of any spurious emission recorded. The level displayed must comply with the limit specified in this section.

6.8.4. Test Setup



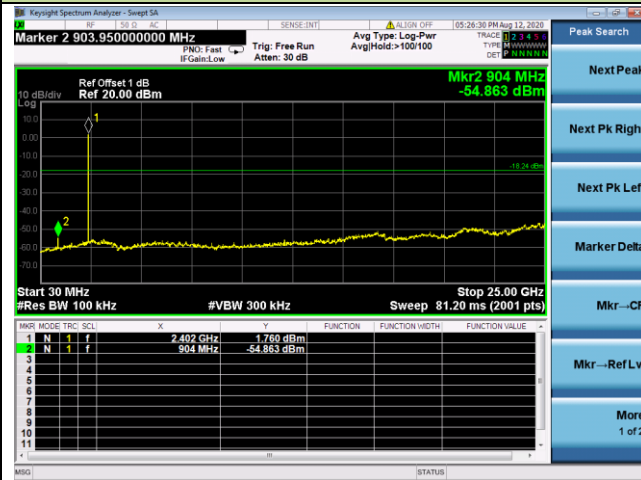
6.8.5. Test Result

Product	WIFI+BT Combo Module	Test Engineer	Amy Zhang
Test Date	2020/08/12	Test Site	SR5

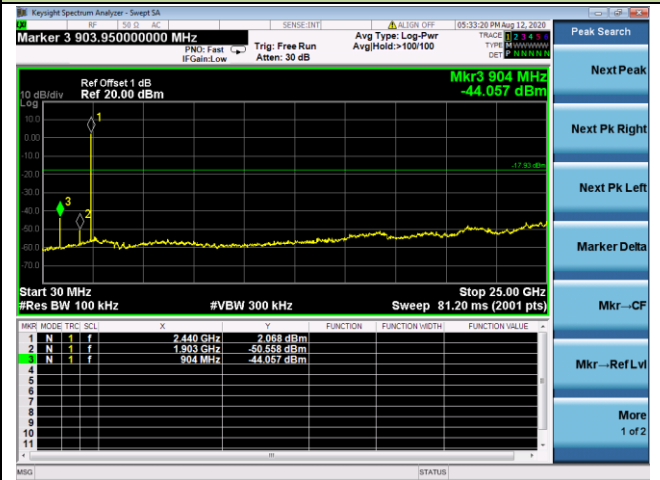
Test Mode	Channel No.	Frequency (MHz)	Limit (MHz)	Result
DH5	00	2402	20dBc	Pass
DH5	39	2441	20dBc	Pass
DH5	78	2480	20dBc	Pass
2DH5	00	2402	20dBc	Pass
2DH5	39	2441	20dBc	Pass
2DH5	78	2480	20dBc	Pass
3DH5	00	2402	20dBc	Pass
3DH5	39	2441	20dBc	Pass
3DH5	78	2480	20dBc	Pass

DH5 Conducted Spurious Emissions

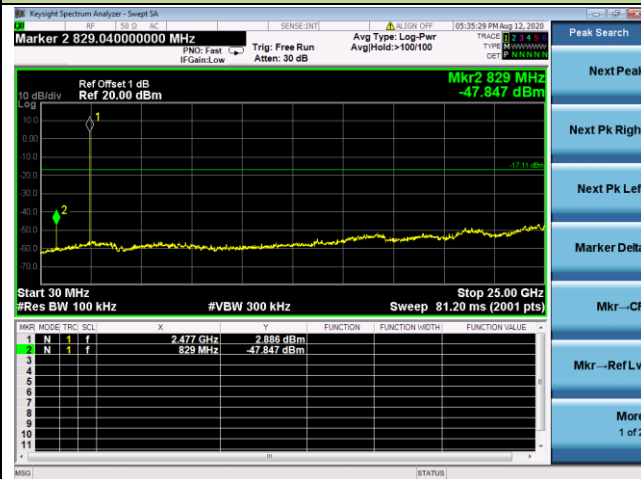
Channel 00 (2402MHz)



Channel 39 (2441MHz)

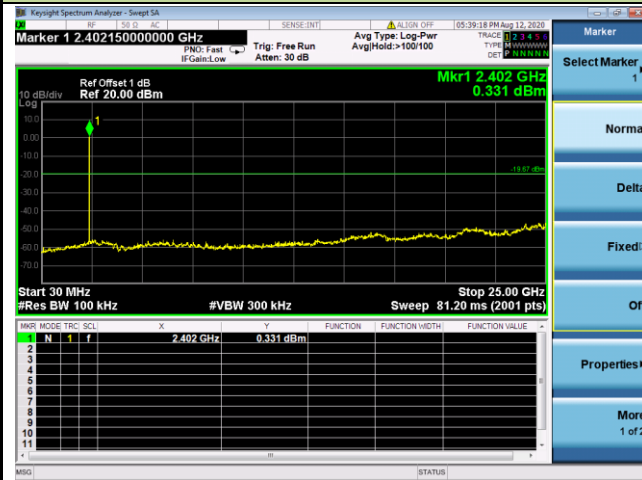


Channel 78 (2480MHz)

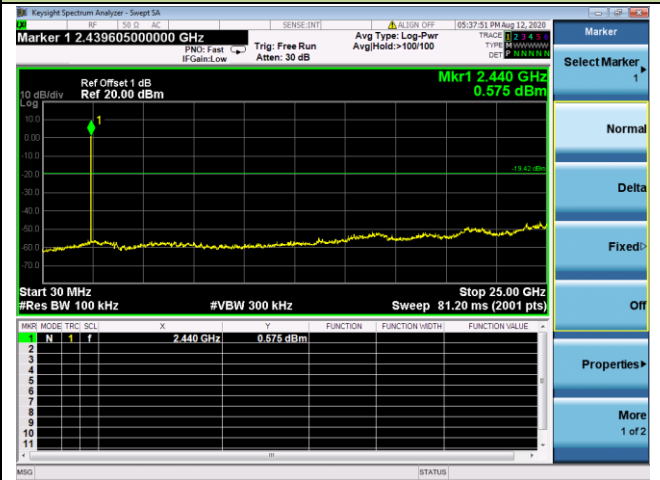


2DH5 Conducted Spurious Emissions

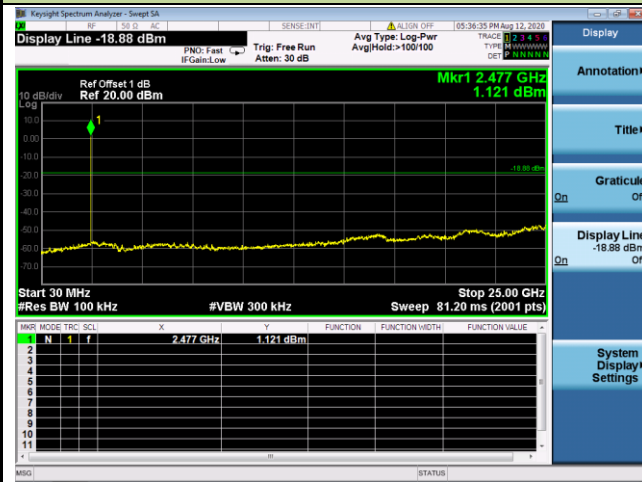
Channel 00 (2402MHz)



Channel 39 (2441MHz)

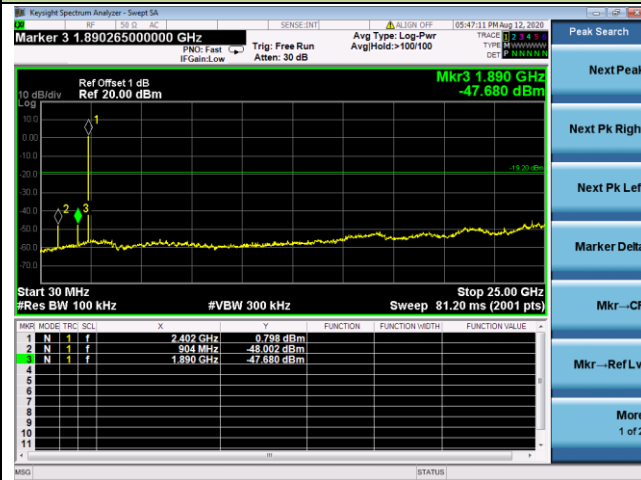


Channel 78 (2480MHz)

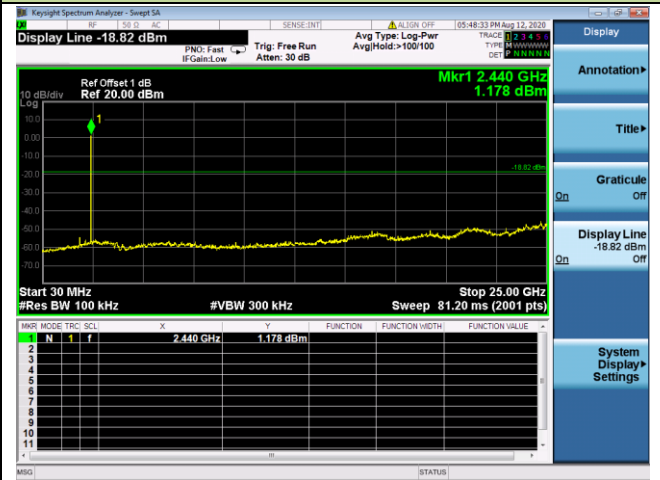


3DH5 Conducted Spurious Emissions

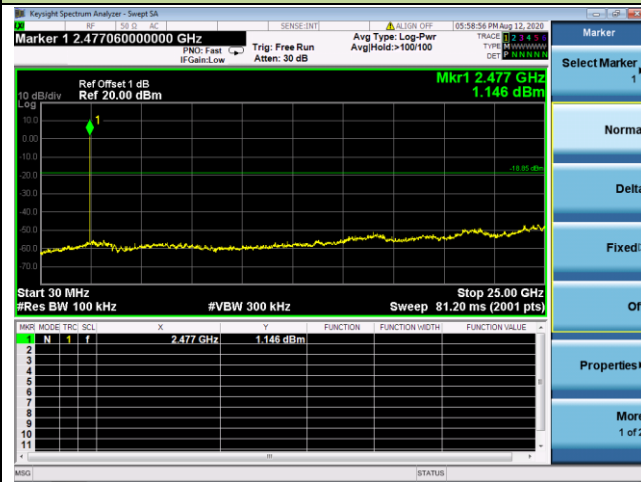
Channel 00 (2402MHz)



Channel 39 (2441MHz)



Channel 78 (2480MHz)



6.9. Radiated Spurious Emission Measurement

6.9.1. Test Limit

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47CFR must not exceed the limits shown in Table per Section 15.209.

FCC Part 15 Subpart C Paragraph 15.209 & RSS-Gen Section 8.9		
Frequency [MHz]	Field Strength [uV/m]	Measured Distance [Meters]
0.009 - 0.490	2400/F (kHz)	300
0.490 - 1.705	24000/F (kHz)	30
1.705 - 30	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

6.9.2. Test Procedure Used

ANSI C63.10 Section 6.3 (General Requirements)

ANSI C63.10 Section 6.4 (Standard test method below 30MHz)

ANSI C63.10 Section 6.5 (Standard test method above 30MHz to 1GHz)

ANSI C63.10 Section 6.6 (Standard test method above 1GHz)

6.9.3. Test Setting

Table 1 - RBW as a function of frequency

Frequency	RBW
9 ~ 150 kHz	200 ~ 300 Hz
0.15 ~ 30 MHz	9 ~ 10 kHz
30 ~ 1000 MHz	100 ~ 120 kHz
> 1000 MHz	1 MHz

Quasi-Peak Measurements below 1GHz

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. Span was set greater than 1MHz
3. RBW = as specified in Table 1
4. Detector = CISPR quasi-peak
5. Sweep time = auto couple
6. Trace was allowed to stabilize

Peak Measurements above 1GHz

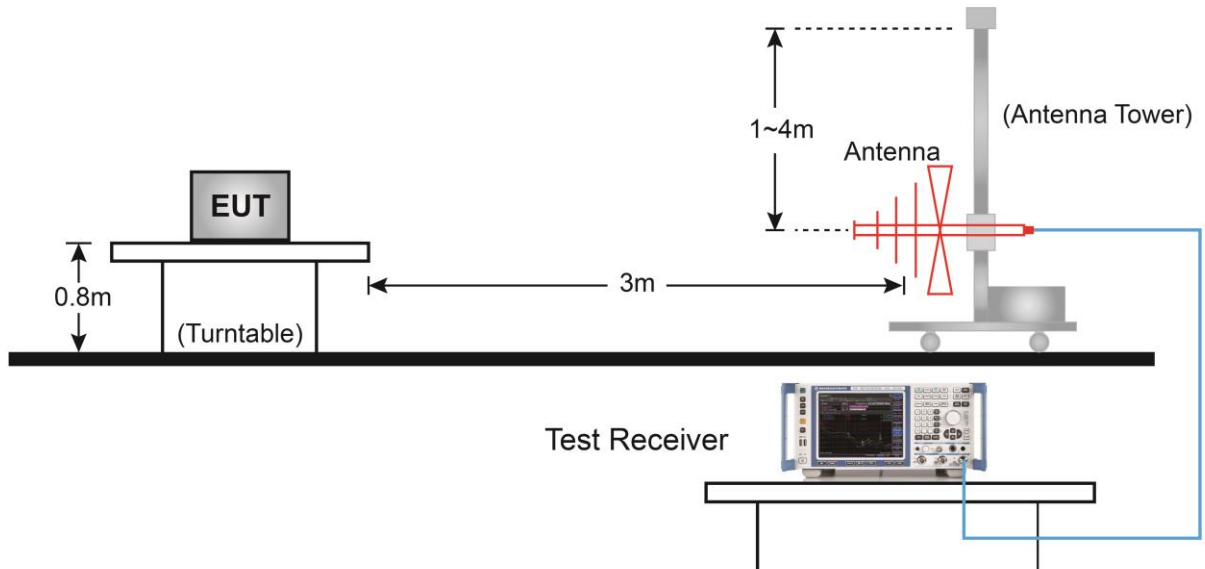
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

Average Measurements above 1GHz (Method VB)

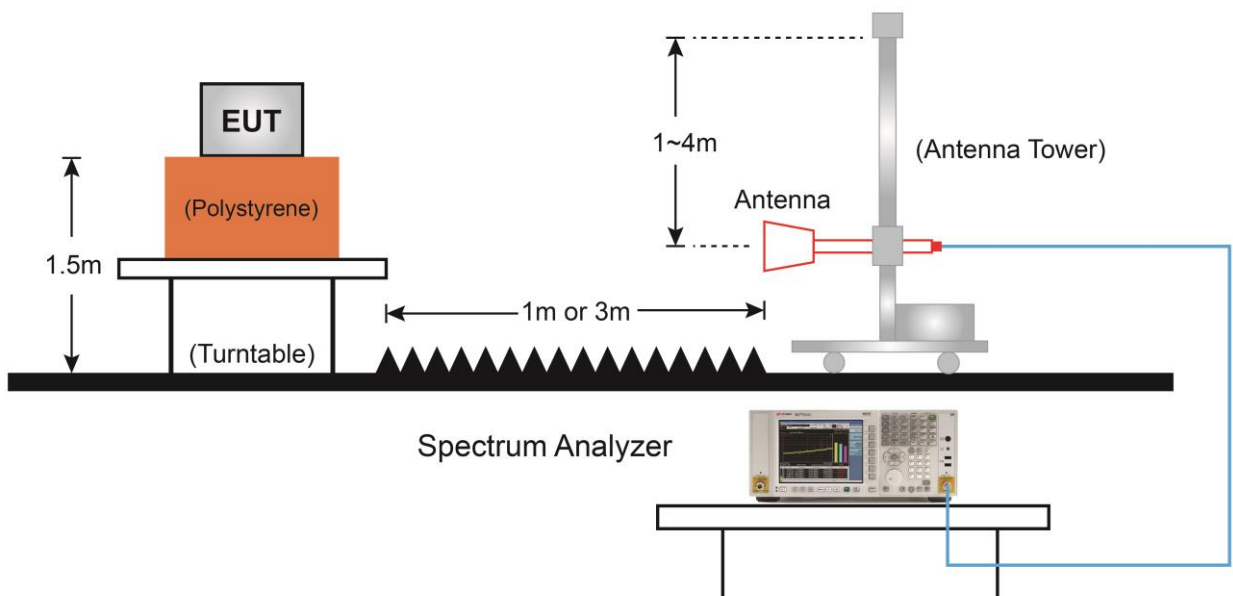
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW; If the EUT is configured to transmit with duty cycle $\geq 98\%$, set VBW = 10 Hz.
If the EUT duty cycle is $< 98\%$, set VBW $\geq 1/T$. T is the minimum transmission duration.
4. Detector = Peak
5. Sweep time = auto
6. Trace mode = max hold
7. Trace was allowed to stabilize

6.9.4. Test Setup

Below 1GHz Test Setup:



Above 1GHz Test Setup:



6.9.5. Test Result

Product	WIFI+BT Combo Module	Test Engineer	Dillon Diao
Test Date	2020/08/10	Test Site	AC2
Test Mode:	DH5	Test Channel:	00
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	3966.5	39.1	-3.2	35.9	74.0	-38.1	Peak	Horizontal
	4927.0	37.0	0.2	37.2	74.0	-36.8	Peak	Horizontal
*	6406.0	36.1	3.8	39.9	74.0	-34.1	Peak	Horizontal
*	9959.0	34.7	11.1	45.8	74.0	-28.2	Peak	Horizontal
	4230.0	38.3	-2.2	36.1	74.0	-37.9	Peak	Vertical
	4918.5	37.4	0.1	37.5	74.0	-36.5	Peak	Vertical
*	6508.0	35.1	4.3	39.4	74.0	-34.6	Peak	Vertical
*	8012.5	35.3	8.8	44.1	74.0	-29.9	Peak	Vertical

Note 1: "*" means test frequency did not fall into restricted band.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	WIFI+BT Combo Module	Test Engineer	Dillon Diao
Test Date	2020/08/10	Test Site	AC2
Test Mode:	DH5	Test Channel:	39
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4017.5	37.6	-2.6	35.0	74.0	-39.0	Peak	Horizontal
	4969.5	36.7	-0.2	36.5	74.0	-37.5	Peak	Horizontal
*	6406.0	36.2	3.8	40.0	74.0	-34.0	Peak	Horizontal
*	8760.5	34.0	10.1	44.1	74.0	-29.9	Peak	Horizontal
	3966.5	38.7	-3.2	35.5	74.0	-38.5	Peak	Vertical
	4816.5	36.4	0.1	36.5	74.0	-37.5	Peak	Vertical
*	6584.5	35.4	5.1	40.5	74.0	-33.5	Peak	Vertical
*	8769.0	34.3	10.1	44.4	74.0	-29.6	Peak	Vertical

Note 1: "*" means test frequency did not fall into restricted band.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	WIFI+BT Combo Module	Test Engineer	Dillon Diao
Test Date	2020/08/10	Test Site	AC2
Test Mode:	DH5	Test Channel:	78
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4026.0	37.7	-2.5	35.2	74.0	-38.8	Peak	Horizontal
	4808.0	36.8	0.2	37.0	74.0	-37.0	Peak	Horizontal
*	6542.0	35.1	4.6	39.7	74.0	-34.3	Peak	Horizontal
*	8760.5	33.7	10.1	43.8	74.0	-30.2	Peak	Horizontal
	3983.5	38.1	-3.1	35.0	74.0	-39.0	Peak	Vertical
	4799.5	37.4	0.2	37.6	74.0	-36.4	Peak	Vertical
*	5717.5	37.2	1.5	38.7	74.0	-35.3	Peak	Vertical
*	8743.5	34.1	9.9	44.0	74.0	-30.0	Peak	Vertical

Note 1: "*" means test frequency did not fall into restricted band.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	WIFI+BT Combo Module	Test Engineer	Dillon Diao
Test Date	2020/08/10	Test Site	AC2
Test Mode:	2DH5	Test Channel:	00
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4298.0	37.3	-1.6	35.7	74.0	-38.3	Peak	Horizontal
	5063.0	36.5	0.6	37.1	74.0	-36.9	Peak	Horizontal
*	6525.0	34.8	4.5	39.3	74.0	-34.7	Peak	Horizontal
*	8845.5	33.8	9.9	43.7	74.0	-30.3	Peak	Horizontal
	4017.5	37.6	-2.6	35.0	74.0	-39.0	Peak	Vertical
	4995.0	37.2	-0.1	37.1	74.0	-36.9	Peak	Vertical
*	6533.5	35.2	4.5	39.7	74.0	-34.3	Peak	Vertical
*	9959.0	34.3	11.1	45.4	74.0	-28.6	Peak	Vertical

Note 1: "*" means test frequency did not fall into restricted band.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	WIFI+BT Combo Module	Test Engineer	Dillon Diao
Test Date	2020/08/10	Test Site	AC2
Test Mode:	2DH5	Test Channel:	39
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	3822.0	39.2	-3.5	35.7	74.0	-38.3	Peak	Horizontal
	5037.5	36.5	0.5	37.0	74.0	-37.0	Peak	Horizontal
*	6593.0	34.5	5.1	39.6	74.0	-34.4	Peak	Horizontal
*	8845.5	34.1	9.9	44.0	74.0	-30.0	Peak	Horizontal
	4026.0	38.2	-2.5	35.7	74.0	-38.3	Peak	Vertical
	4859.0	36.7	-0.4	36.3	74.0	-37.7	Peak	Vertical
*	6440.0	35.1	4.2	39.3	74.0	-34.7	Peak	Vertical
*	8752.0	33.3	10.1	43.4	74.0	-30.6	Peak	Vertical

Note 1: "*" means test frequency did not fall into restricted band.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	WIFI+BT Combo Module	Test Engineer	Dillon Diao
Test Date	2020/08/10	Test Site	AC2
Test Mode:	2DH5	Test Channel:	78
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	3975.0	38.1	-3.2	34.9	74.0	-39.1	Peak	Horizontal
	5054.5	36.8	0.6	37.4	74.0	-36.6	Peak	Horizontal
*	6967.0	35.1	6.5	41.6	74.0	-32.4	Peak	Horizontal
*	10137.5	34.8	11.1	45.9	74.0	-28.1	Peak	Horizontal
	3890.0	38.2	-3.2	35.0	74.0	-39.0	Peak	Vertical
	4799.5	36.6	0.2	36.8	74.0	-37.2	Peak	Vertical
*	6414.5	33.4	3.9	37.3	74.0	-36.7	Peak	Vertical
*	8837.0	34.1	9.8	43.9	74.0	-30.1	Peak	Vertical

Note 1: "*" means test frequency did not fall into restricted band.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	WIFI+BT Combo Module	Test Engineer	Dillon Diao
Test Date	2020/08/10	Test Site	AC2
Test Mode:	3DH5	Test Channel:	00
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4026.0	37.8	-2.5	35.3	74.0	-38.7	Peak	Horizontal
	5029.0	36.6	0.5	37.1	74.0	-36.9	Peak	Horizontal
*	6491.0	35.0	4.4	39.4	74.0	-34.6	Peak	Horizontal
*	9942.0	34.9	10.9	45.8	74.0	-28.2	Peak	Horizontal
	3983.5	38.6	-3.1	35.5	74.0	-38.5	Peak	Vertical
	5046.0	36.9	0.5	37.4	74.0	-36.6	Peak	Vertical
*	6542.0	34.8	4.6	39.4	74.0	-34.6	Peak	Vertical
*	10112.0	34.5	11.1	45.6	74.0	-28.4	Peak	Vertical

Note 1: "*" means test frequency did not fall into restricted band.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	WIFI+BT Combo Module	Test Engineer	Dillon Diao
Test Date	2020/08/10	Test Site	AC2
Test Mode:	3DH5	Test Channel:	39
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4026.0	38.0	-2.5	35.5	74.0	-38.5	Peak	Horizontal
	5063.0	38.0	0.6	38.6	74.0	-35.4	Peak	Horizontal
*	6448.5	34.8	4.2	39.0	74.0	-35.0	Peak	Horizontal
*	8752.0	34.1	10.1	44.2	74.0	-29.8	Peak	Horizontal
	4009.0	37.7	-2.6	35.1	74.0	-38.9	Peak	Vertical
	5029.0	37.4	0.5	37.9	74.0	-36.1	Peak	Vertical
*	6346.5	34.8	3.6	38.4	74.0	-35.6	Peak	Vertical
*	9772.0	35.1	10.6	45.7	74.0	-28.3	Peak	Vertical

Note 1: "*" means test frequency did not fall into restricted band.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	WIFI+BT Combo Module	Test Engineer	Dillon Diao
Test Date	2020/08/10	Test Site	AC2
Test Mode:	3DH5	Test Channel:	78
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4017.5	37.8	-2.6	35.2	74.0	-38.8	Peak	Horizontal
	4799.5	36.5	0.2	36.7	74.0	-37.3	Peak	Horizontal
*	6414.5	35.6	3.9	39.5	74.0	-34.5	Peak	Horizontal
*	8607.5	35.3	9.3	44.6	74.0	-29.4	Peak	Horizontal
	4153.5	37.9	-2.0	35.9	74.0	-38.1	Peak	Vertical
	4935.5	37.1	0.1	37.2	74.0	-36.8	Peak	Vertical
*	6491.0	34.6	4.4	39.0	74.0	-35.0	Peak	Vertical
*	8811.5	34.0	9.9	43.9	74.0	-30.1	Peak	Vertical

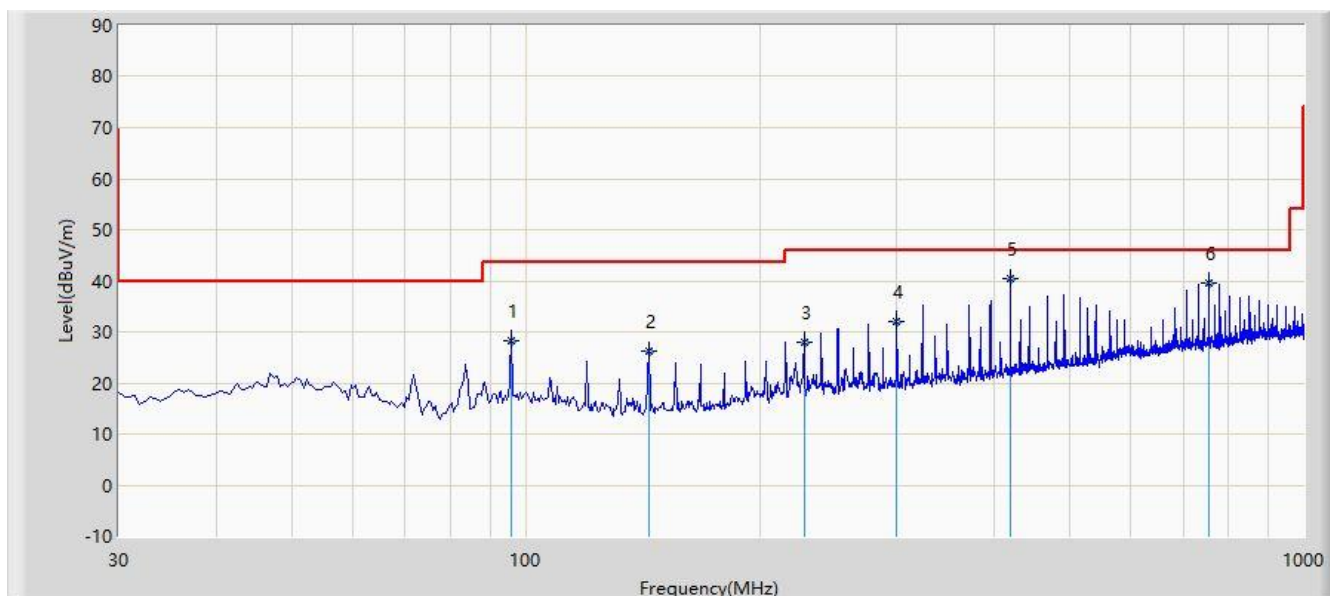
Note 1: "*" means test frequency did not fall into restricted band.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

The Worst Case of Radiated Emission below 1GHz:

Site: AC2	Time: 2020/08/08 - 03:53
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: AC2_VULB9162_0.03-7GHz	Polarity: Horizontal
EUT: WIFI+BT Combo Module	Power: AC 120V/60Hz
Test Mode: There is the worst case within frequency range 30MHz~1GHz.	



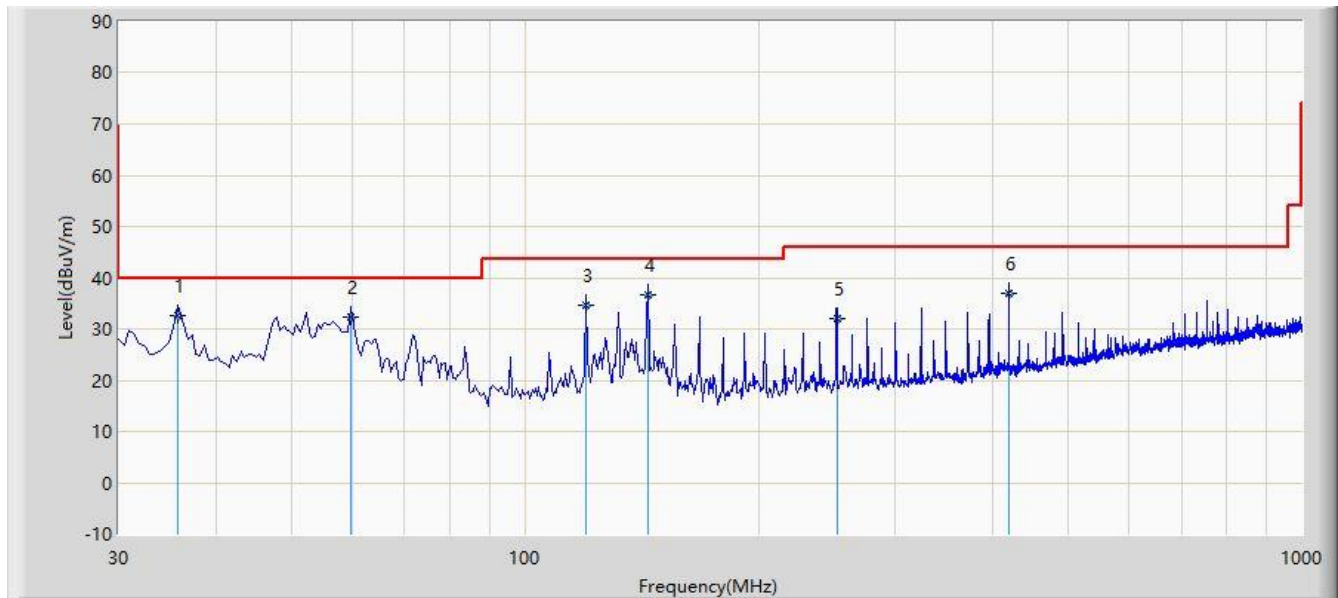
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			95.960	28.268	10.593	-15.232	43.500	17.675	QP
2			143.975	26.109	11.405	-17.391	43.500	14.704	QP
3			227.880	27.870	9.128	-18.130	46.000	18.741	QP
4			300.145	31.962	11.800	-14.038	46.000	20.162	QP
5		*	419.940	40.301	17.409	-5.699	46.000	22.892	QP
6			756.045	39.503	11.217	-6.497	46.000	28.286	QP

Note 1: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Note 2: The amplitude of radiated emissions (frequency range from 9kHz ~ 30MHz, 18GHz to 25GHz) is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value. Therefore, the data is not presented in the report.

Site: AC2	Time: 2020/08/08 - 03:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: AC2_VULB9162_0.03-7GHz	Polarity: Vertical
EUT: WIFI+BT Combo Module	Power: AC 120V/60Hz
Test Mode: There is the worst case within frequency range 30MHz~1GHz.	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			35.820	32.631	14.577	-7.369	40.000	18.054	QP
2			59.585	32.296	13.126	-7.704	40.000	19.169	QP
3			119.725	34.582	18.211	-8.918	43.500	16.371	QP
4		*	143.975	36.594	21.890	-6.906	43.500	14.704	QP
5			252.130	32.120	12.753	-13.880	46.000	19.366	QP
6			419.940	36.867	13.975	-9.133	46.000	22.892	QP

Note 1: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Note 2: The amplitude of radiated emissions (frequency range from 9kHz ~ 30MHz, 18GHz to 25GHz) is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value. Therefore, the data is not presented in the report.

6.10. Radiated Restricted Band Edge Measurement

6.10.1. Test Limit

For 15.205 requirement:

Radiated emissions which fall in the restricted bands, as defined in Section 15.205(a) of FCC part 15, must also comply with the radiated emission limits specified in Section 15.209(a).

Frequency (MHz)	Frequency (MHz)	Frequency (MHz)	Frequency (GHz)
0.090 - 0.110	16.42 - 16.423	399.9 - 410	4.5 - 5.15
¹ 0.495 - 0.505	16.69475 - 16.69525	608 - 614	5.35 - 5.46
2.1735 - 2.1905	16.80425 - 16.80475	960 - 1240	7.25 - 7.75
4.125 - 4.128	25.5 - 25.67	1300 - 1427	8.025 - 8.5
4.17725 - 4.17775	37.5 - 38.25	1435 - 1626.5	9.0 - 9.2
4.20725 - 4.20775	73 - 74.6	1645.5 - 1646.5	9.3 - 9.5
6.215 - 6.218	74.8 - 75.2	1660 - 1710	10.6 - 12.7
6.26775 - 6.26825	108 - 121.94	1718.8 - 1722.2	13.25 - 13.4
6.31175 - 6.31225	123 - 138	2200 - 2300	14.47 - 14.5
8.291 - 8.294	149.9 - 150.05	2310 - 2390	15.35 - 16.2
8.362 - 8.366	156.52475 - 156.525	2483.5 - 2500	17.7 - 21.4
8.37625 - 8.38675	156.7 - 156.9	2690 - 2900	22.01 - 23.12
8.41425 - 8.41475	162.0125 - 167.17	3260 - 3267	23.6 - 24.0
12.29 - 12.293	167.72 - 173.2	3332 - 3339	31.2 - 31.8
12.51975 - 12.52025	240 - 285	3345.8 - 3358	36.43 - 36.5
12.57675 - 12.57725	322 - 335.4	3600 - 4400	(²)
13.36 - 13.41	--	--	--

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47CFR must not exceed the limits shown in Table per Section 15.209.

FCC Part 15 Subpart C Paragraph 15.209		
Frequency [MHz]	Field Strength [uV/m]	Measured Distance [Meters]
0.009 - 0.490	2400/F (kHz)	300
0.490 - 1.705	24000/F (kHz)	30
1.705 - 30	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

For RSS-Gen Section 8.10 Requirement

Radiated emissions which fall in the restricted bands, as defined in Section 8.10 of RSS-Gen, must also comply with the radiated emission limits specified in Section 8.9.

Frequency (MHz)	Frequency (MHz)	Frequency (GHz)
0.090 - 0.110	149.9 - 150.05	9.0 - 9.2
0.495 - 0.505	156.52475 - 156.525225	9.3 - 9.5
2.1735 - 2.1905	156.7 - 156.9	10.6 - 12.7
3.020 - 3.026	162.0125 - 167.17	13.25 - 13.4
4.125 - 4.128	167.72 - 173.2	14.47 - 14.5
4.17725 - 4.17775	240 - 285	15.35 - 16.2
4.20725 - 4.20775	322 - 335.4	17.7 - 21.4
5.677 - 5.683	399.9 - 410	22.01 - 23.12
6.215 - 6.218	608 - 614	23.6 - 24.0
6.26775 - 6.26825	960 - 1427	31.2 - 31.8
6.31175 - 6.31225	1435 - 1626.5	36.43 - 36.5
8.291 - 8.294	1645.5 - 1646.5	Above 38.6
8.362 - 8.366	1660 - 1710	--
8.37625 - 8.38675	1718.8 - 1722.2	
8.41425 - 8.41475	2200 - 2300	
12.29 - 12.293	2310 - 2390	
12.51975 - 12.52025	2483.5 - 2500	
12.57675 - 12.57725	2655 - 2900	
13.36 - 13.41	3260 - 3267	
16.42 - 16.423	3332 - 3339	
16.69475 - 16.69525	3345.8 - 3358	
16.80425 - 16.80475	3500 - 4400	
25.5 - 25.67	4500 - 5150	
37.5 - 38.25	5350 - 5460	
73 - 74.6	7250 - 7750	
74.8 - 75.2	8025 - 8500	
108 - 138	--	

All out of band emissions appearing in a restricted band as specified in Section 8.10 of the RSS-Gen must not exceed the limits shown in Table per Section 8.9.

RSS-Gen Section 8.9			
Frequency [MHz]	Magnetic field strength (H-Field) [uA/m]	Field Strength [uV/m]	Measured Distance [Meters]
0.009 - 0.490	6.37/F(F in kHz)	--	300
0.490 - 1.705	63.7/F(F in kHz)	--	30
1.705 - 30	0.08	--	30
30 - 88	--	100	3
88 - 216	--	150	3
216 - 960	--	200	3
Above 960	--	500	3

6.10.2.Test Procedure Used

ANSI C63.10 Section 6.3 (General Requirements)

ANSI C63.10 Section 6.6 (Standard test method above 1GHz)

6.10.3.Test Setting

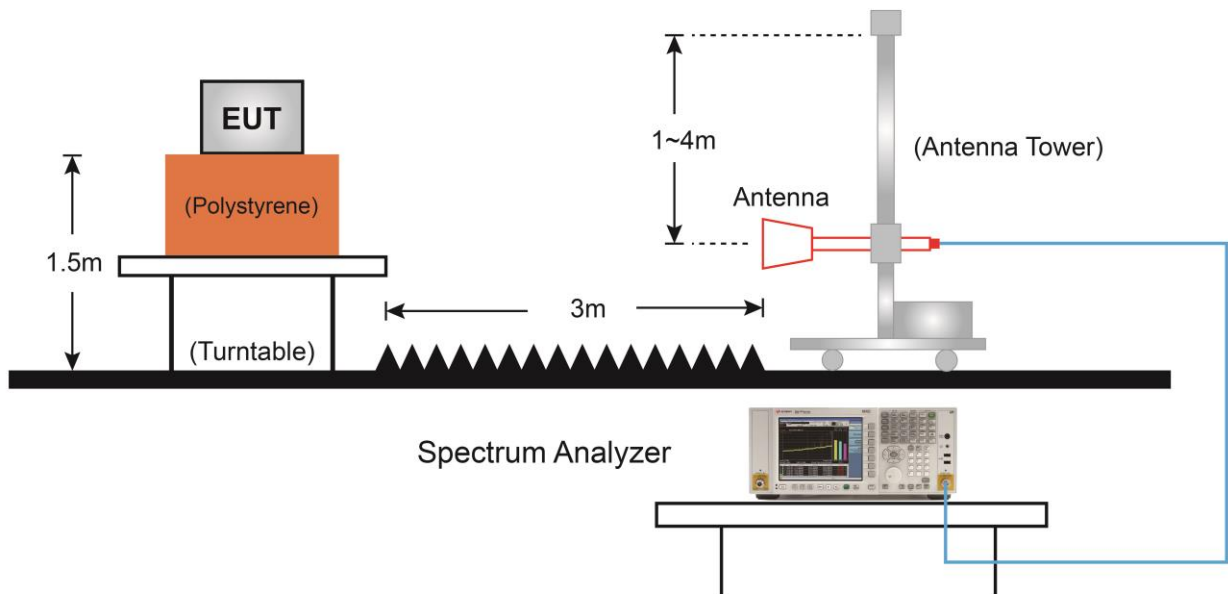
Peak Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

Average Measurements above 1GHz (Method VB)

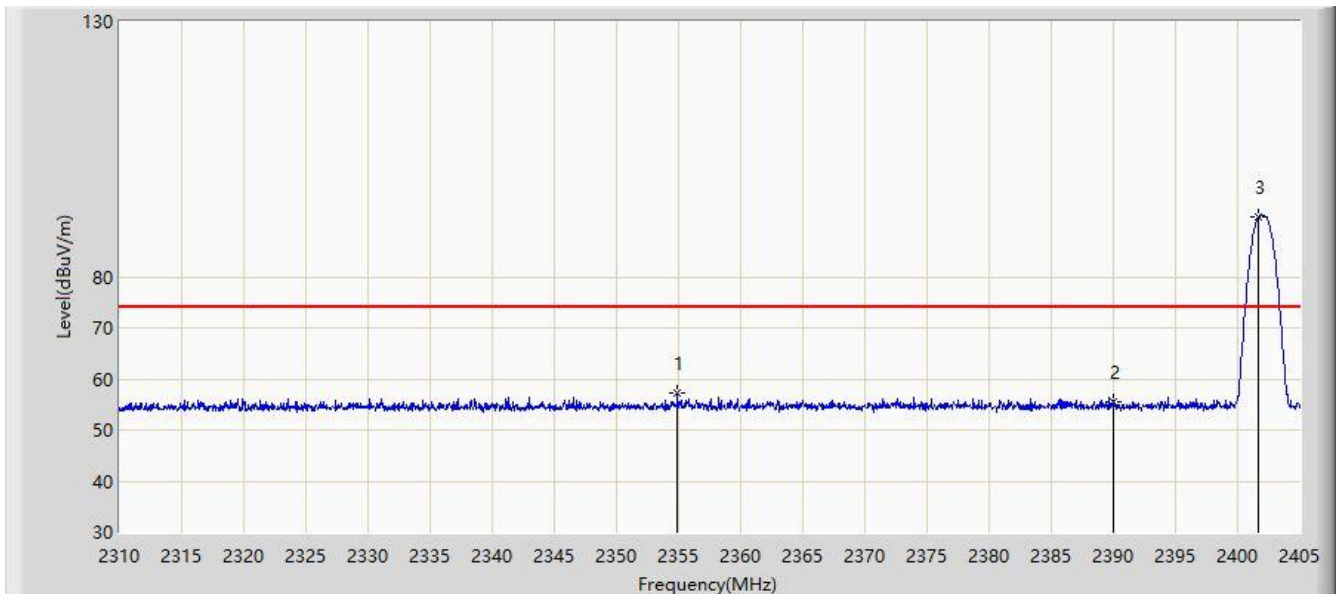
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW; If the EUT is configured to transmit with duty cycle $\geq 98\%$, set VBW = 10 Hz.
If the EUT duty cycle is $< 98\%$, set VBW $\geq 1/T$. T is the minimum transmission duration.
4. Detector = Peak
5. Sweep time = auto
6. Trace mode = max hold
7. Trace was allowed to stabilize

6.10.4.Test Setup



6.10.5. Test Result

Site: AC2	Time: 2020/08/07 - 19:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Jason Gao
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI+BT Combo Module	Power: By USB
Test Mode: Transmit by DH5 at Channel 2402MHz	

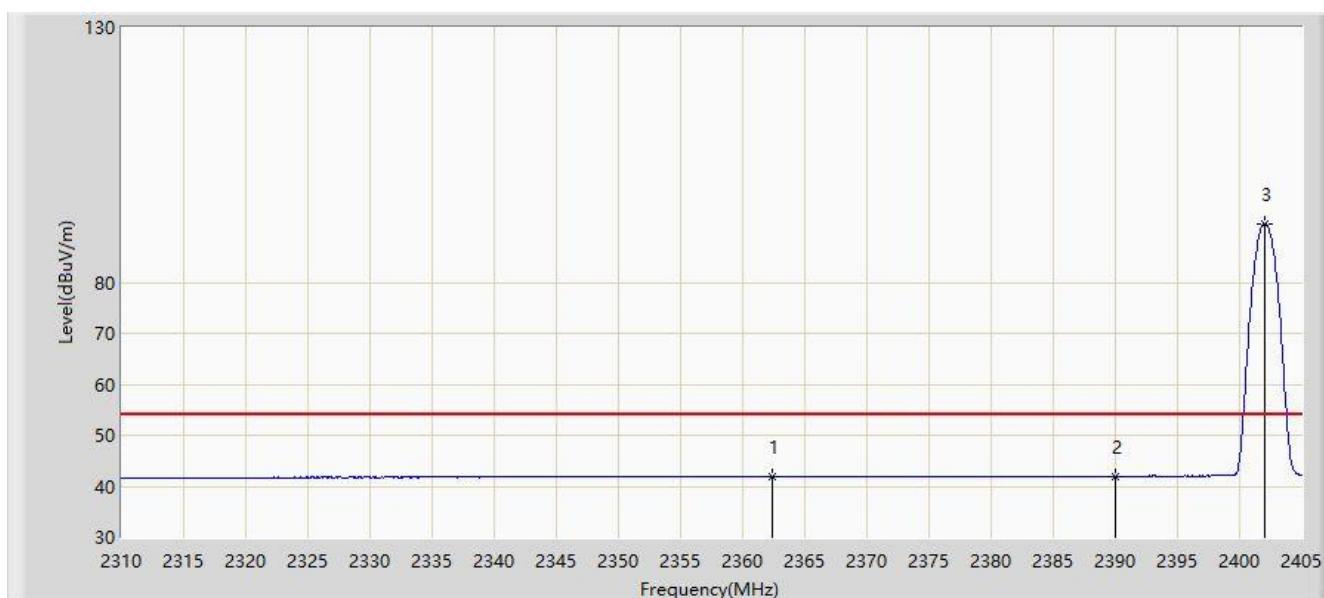


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2354.935	57.370	27.940	-16.630	74.000	29.430	PK
2			2390.000	55.491	26.196	-18.509	74.000	29.296	PK
3		*	2401.722	91.733	62.457	N/A	N/A	29.276	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC2	Time: 2020/08/07 - 19:35
Limit: FCC_Part15.209_RE(3m)	Engineer: Jason Gao
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI+BT Combo Module	Power: By USB
Test Mode: Transmit by DH5 at Channel 2402MHz	

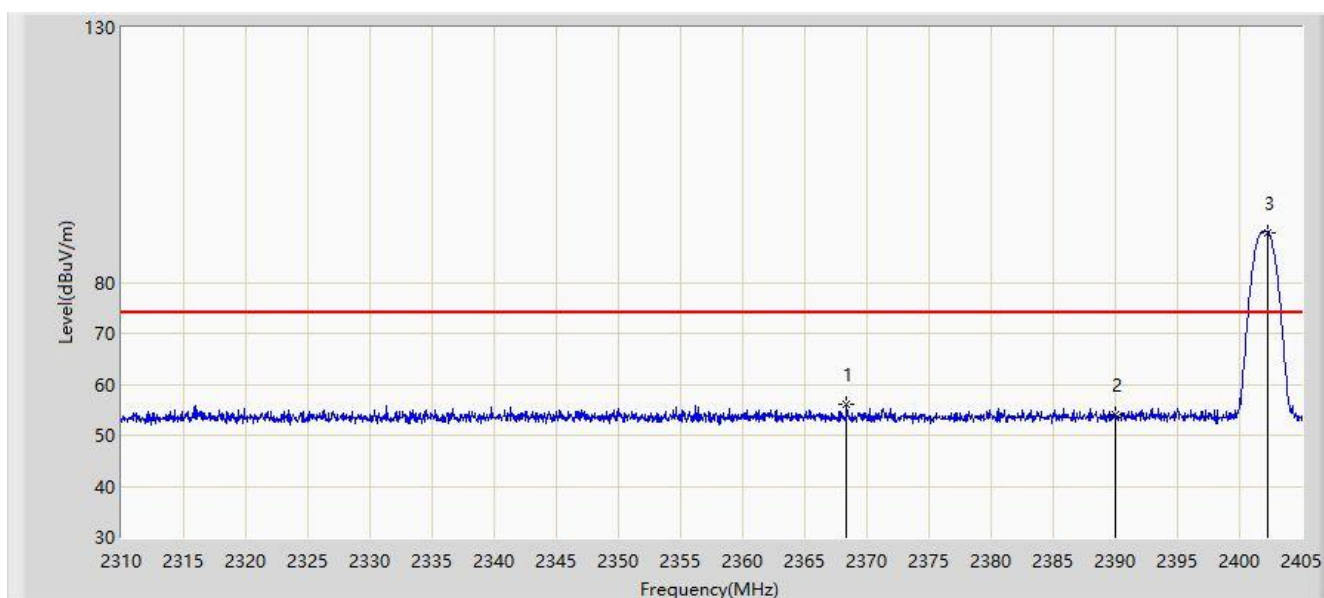


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2362.393	41.963	12.517	-12.037	54.000	29.446	AV
2			2390.000	41.933	12.638	-12.067	54.000	29.296	AV
3		*	2402.008	91.568	62.293	N/A	N/A	29.275	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC2	Time: 2020/08/07 - 19:39
Limit: FCC_Part15.209_RE(3m)	Engineer: Jason Gao
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI+BT Combo Module	Power: By USB
Test Mode: Transmit by DH5 at Channel 2402MHz	

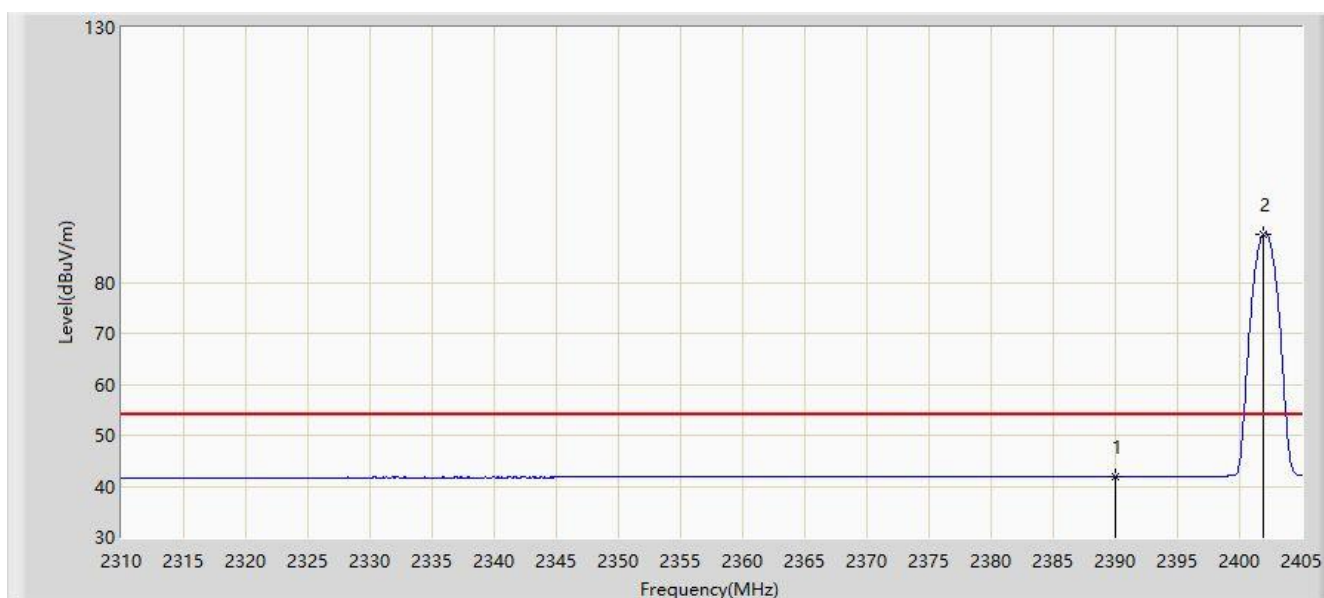


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2368.330	56.156	26.763	-17.844	74.000	29.393	PK
2			2390.000	54.183	24.888	-19.817	74.000	29.296	PK
3		*	2402.292	89.798	60.523	N/A	N/A	29.275	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC2	Time: 2020/08/07 - 19:42
Limit: FCC_Part15.209_RE(3m)	Engineer: Jason Gao
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI+BT Combo Module	Power: By USB
Test Mode: Transmit by DH5 at Channel 2402MHz	

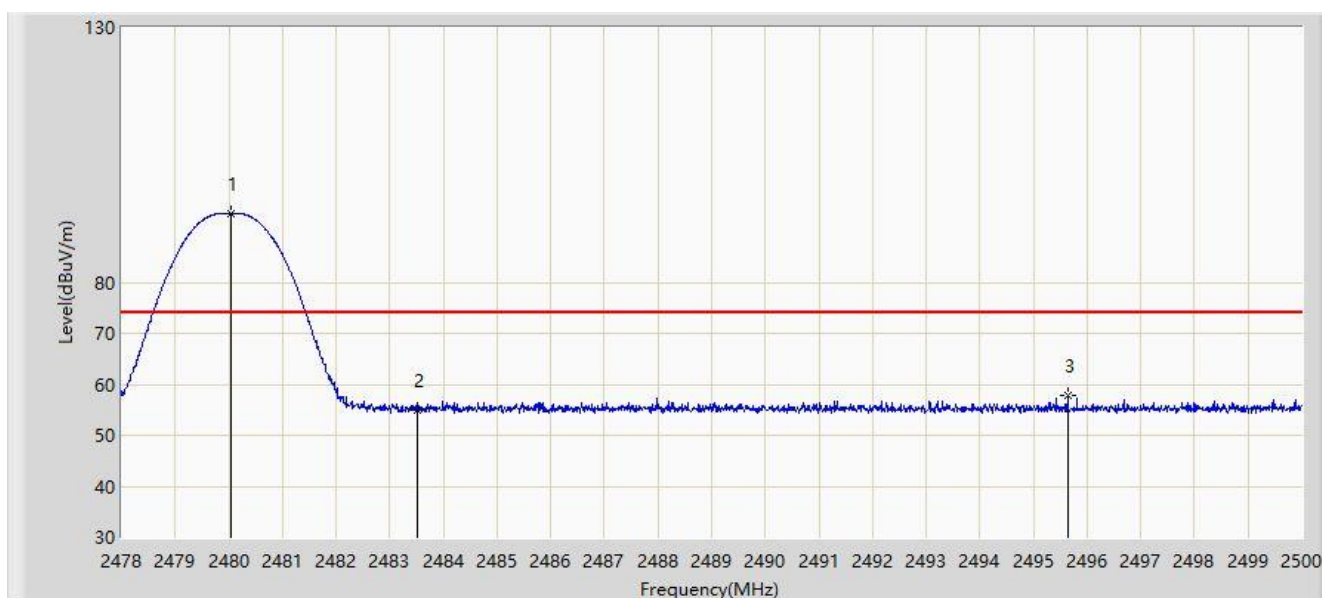


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	41.905	12.610	-12.095	54.000	29.296	AV
2		*	2401.960	89.564	60.289	N/A	N/A	29.275	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC2	Time: 2020/08/07 - 19:44
Limit: FCC_Part15.209_RE(3m)	Engineer: Jason Gao
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI+BT Combo Module	Power: By USB
Test Mode: Transmit by DH5 at Channel 2480MHz	

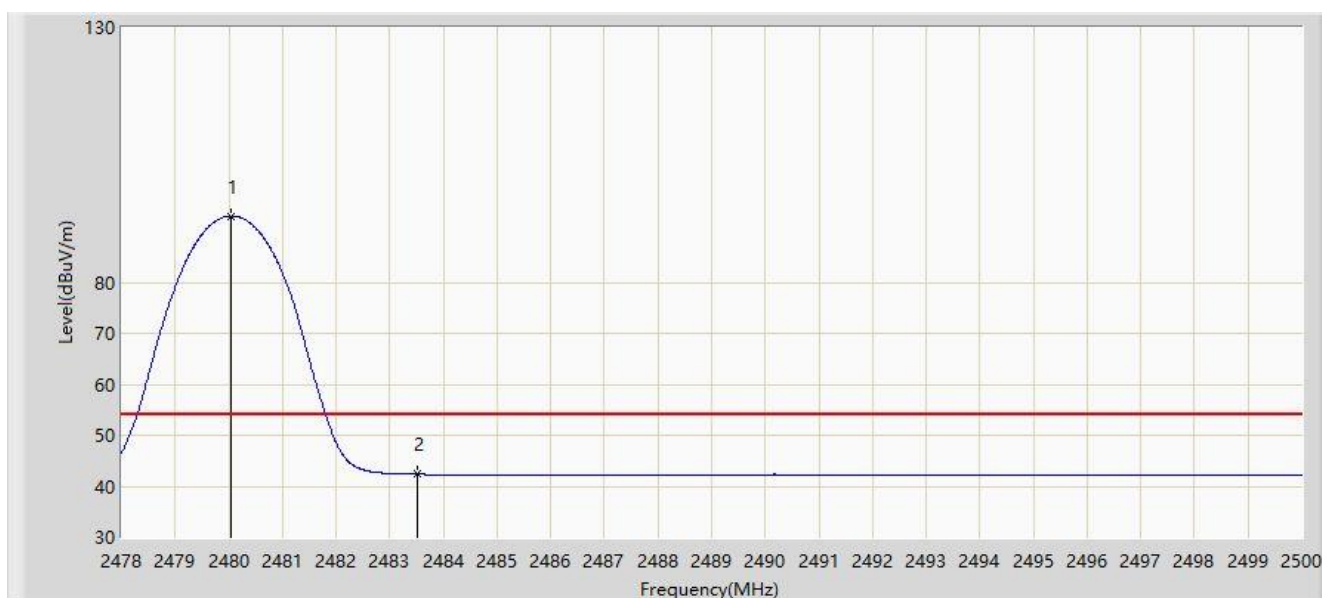


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.035	93.520	64.381	N/A	N/A	29.139	PK
2			2483.500	54.908	25.765	-19.092	74.000	29.143	PK
3			2495.644	57.928	28.802	-16.072	74.000	29.126	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC2	Time: 2020/08/07 - 19:47
Limit: FCC_Part15.209_RE(3m)	Engineer: Jason Gao
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI+BT Combo Module	Power: By USB
Test Mode: Transmit by DH5 at Channel 2480MHz	

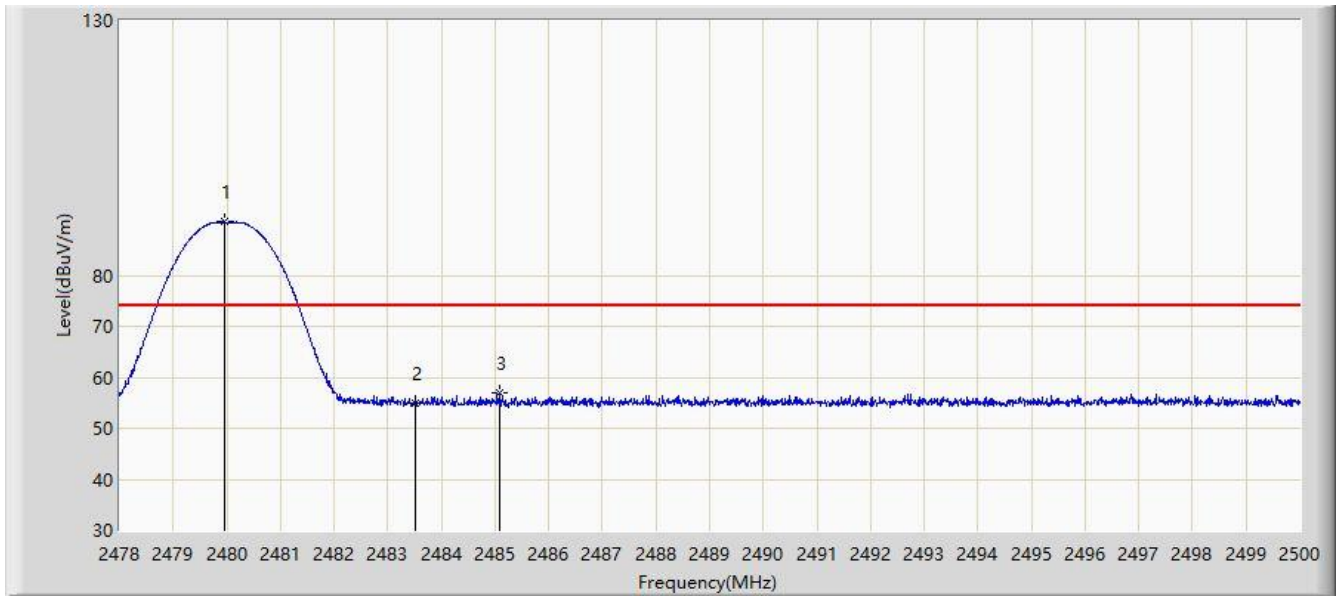


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.046	93.040	63.901	N/A	N/A	29.139	AV
2			2483.500	42.339	13.196	-11.661	54.000	29.143	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC2	Time: 2020/08/07 - 19:48
Limit: FCC_Part15.209_RE(3m)	Engineer: Jason Gao
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI+BT Combo Module	Power: By USB
Test Mode: Transmit by DH5 at Channel 2480MHz	

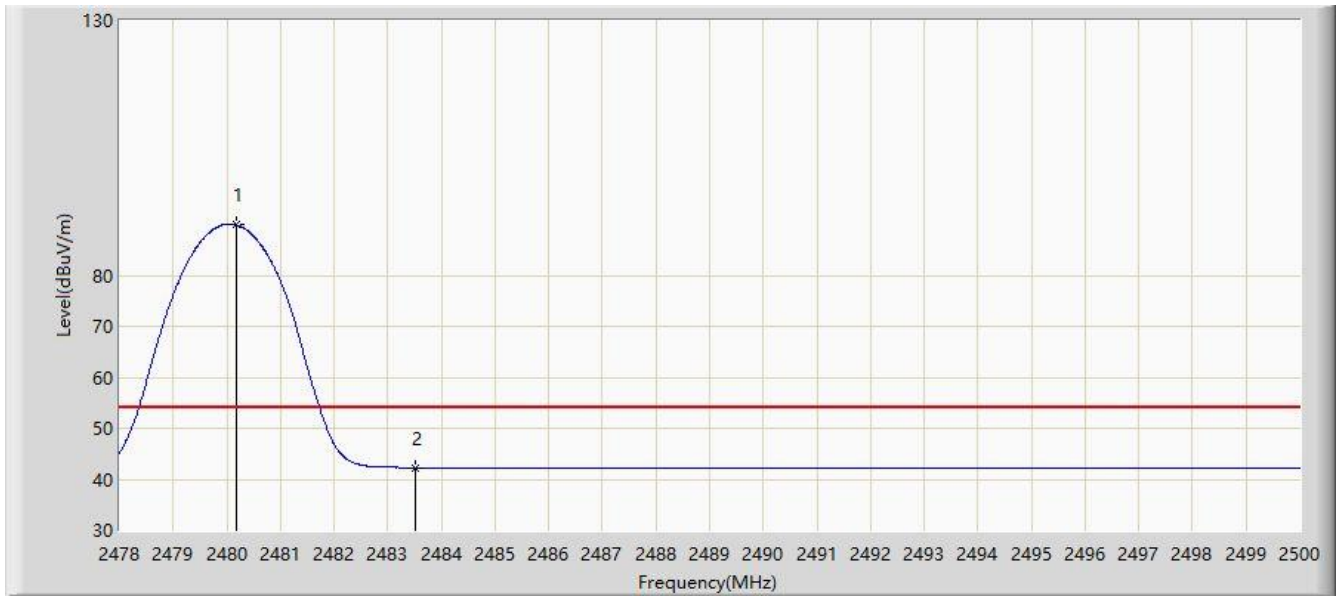


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.969	90.448	61.310	N/A	N/A	29.138	PK
2			2483.500	55.043	25.900	-18.957	74.000	29.143	PK
3			2485.084	56.971	27.825	-17.029	74.000	29.146	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC2	Time: 2020/08/07 - 19:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Jason Gao
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI+BT Combo Module	Power: By USB
Test Mode: Transmit by DH5 at Channel 2480MHz	

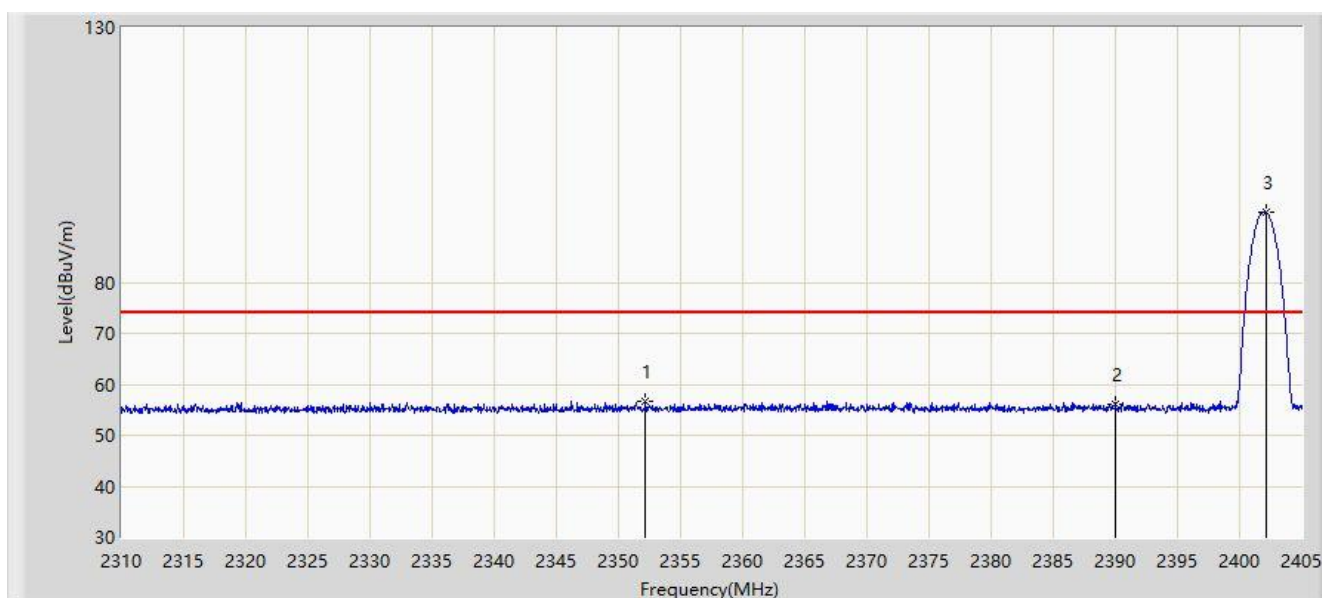


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.178	89.904	60.765	N/A	N/A	29.139	AV
2			2483.500	42.221	13.078	-11.779	54.000	29.143	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC2	Time: 2020/08/07 - 19:53
Limit: FCC_Part15.209_RE(3m)	Engineer: Jason Gao
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI+BT Combo Module	Power: By USB
Test Mode: Transmit by 2DH5 at Channel 2402MHz	

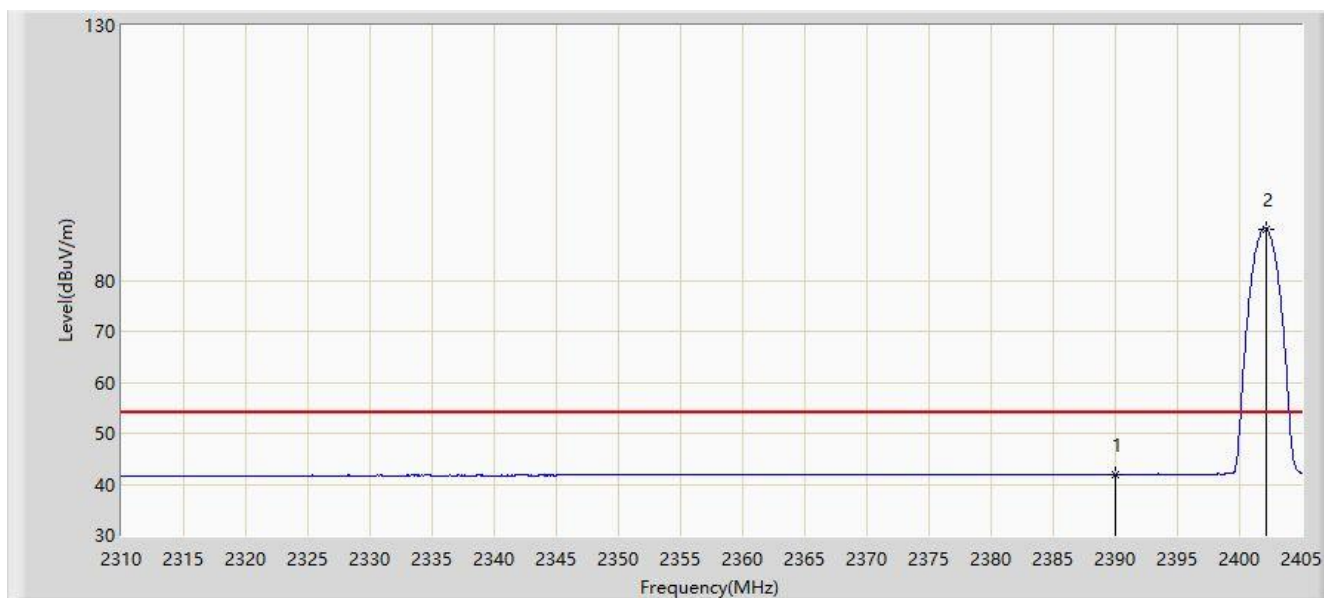


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2352.180	56.593	27.172	-17.407	74.000	29.421	PK
2			2390.000	56.144	26.849	-17.856	74.000	29.296	PK
3		*	2402.150	93.719	64.444	N/A	N/A	29.276	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC2	Time: 2020/08/07 - 19:59
Limit: FCC_Part15.209_RE(3m)	Engineer: Jason Gao
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI+BT Combo Module	Power: By USB
Test Mode: Transmit by 2DH5 at Channel 2402MHz	

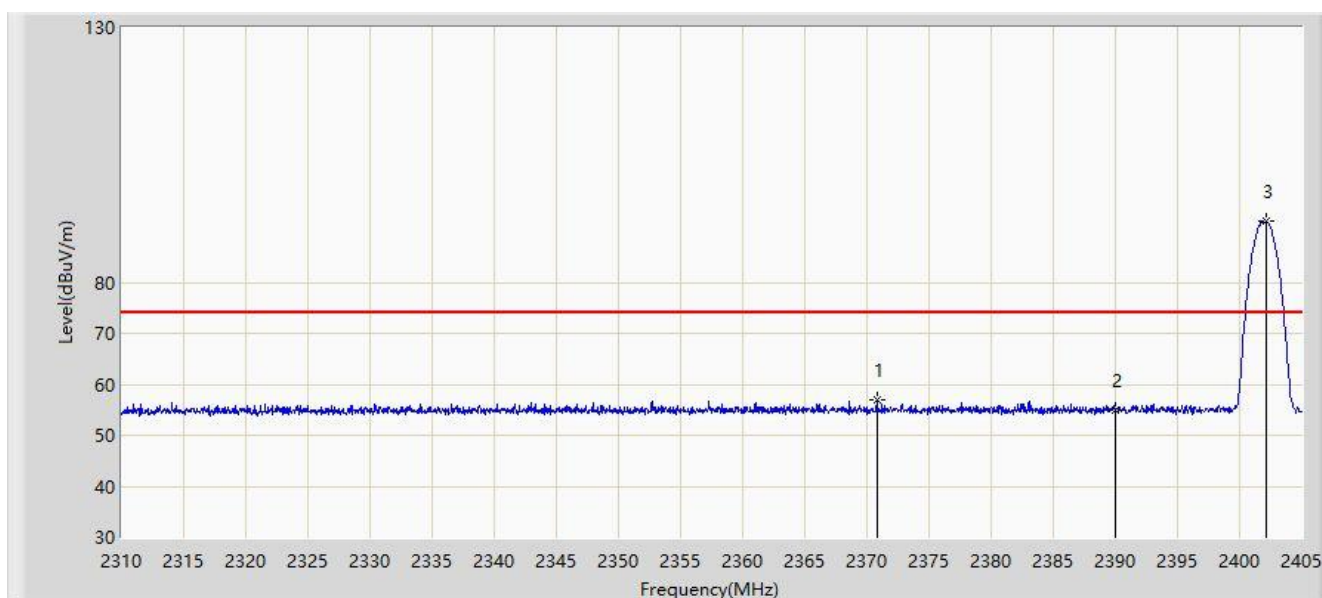


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	41.899	12.604	-12.101	54.000	29.296	AV
2		*	2402.150	90.144	60.869	N/A	N/A	29.276	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC2	Time: 2020/08/07 - 20:05
Limit: FCC_Part15.209_RE(3m)	Engineer: Jason Gao
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI+BT Combo Module	Power: By USB
Test Mode: Transmit by 2DH5 at Channel 2402MHz	

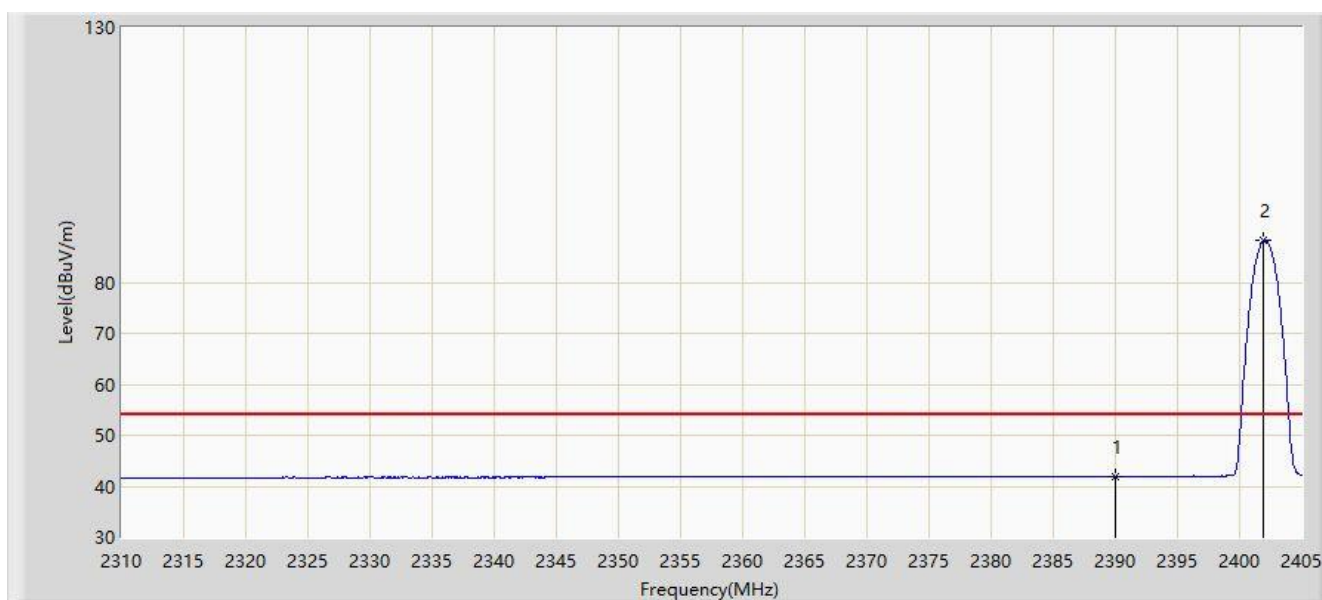


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2370.800	56.874	27.503	-17.126	74.000	29.371	PK
2			2390.000	55.067	25.772	-18.933	74.000	29.296	PK
3		*	2402.198	91.977	62.702	N/A	N/A	29.275	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC2	Time: 2020/08/07 - 20:08
Limit: FCC_Part15.209_RE(3m)	Engineer: Jason Gao
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI+BT Combo Module	Power: By USB
Test Mode: Transmit by 2DH5 at Channel 2402MHz	

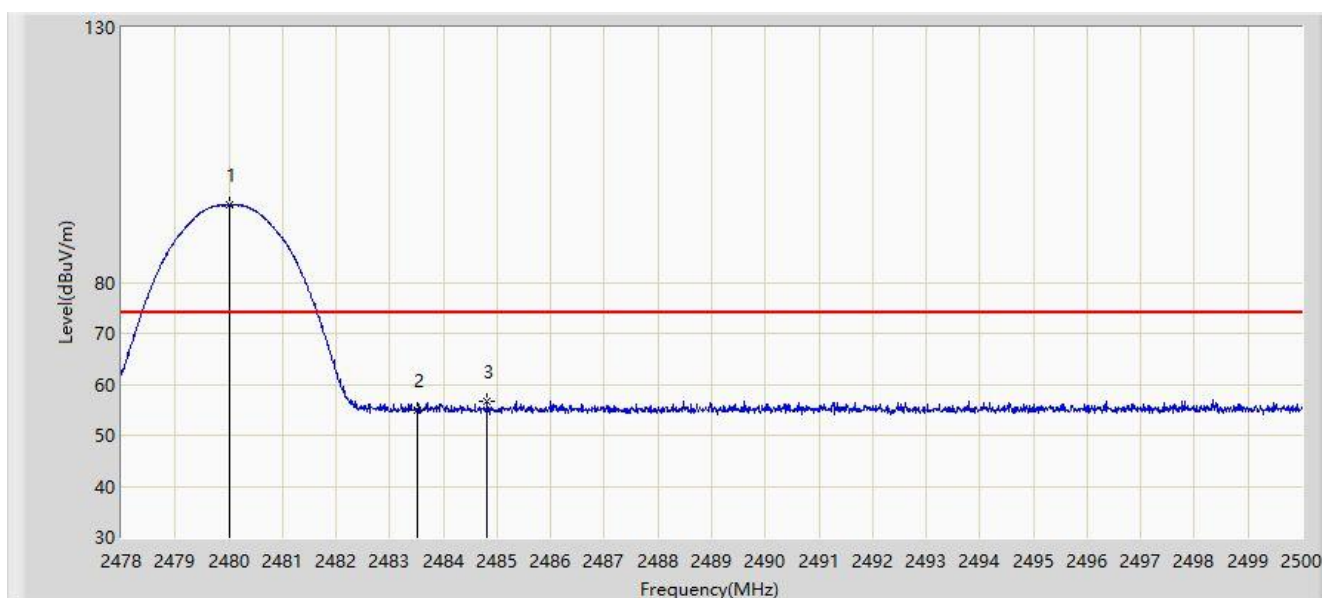


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	41.931	12.636	-12.069	54.000	29.296	AV
2		*	2401.960	88.294	59.019	N/A	N/A	29.275	AV

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC2	Time: 2020/08/07 - 20:11
Limit: FCC_Part15.209_RE(3m)	Engineer: Jason Gao
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI+BT Combo Module	Power: By USB
Test Mode: Transmit by 2DH5 at Channel 2480MHz	

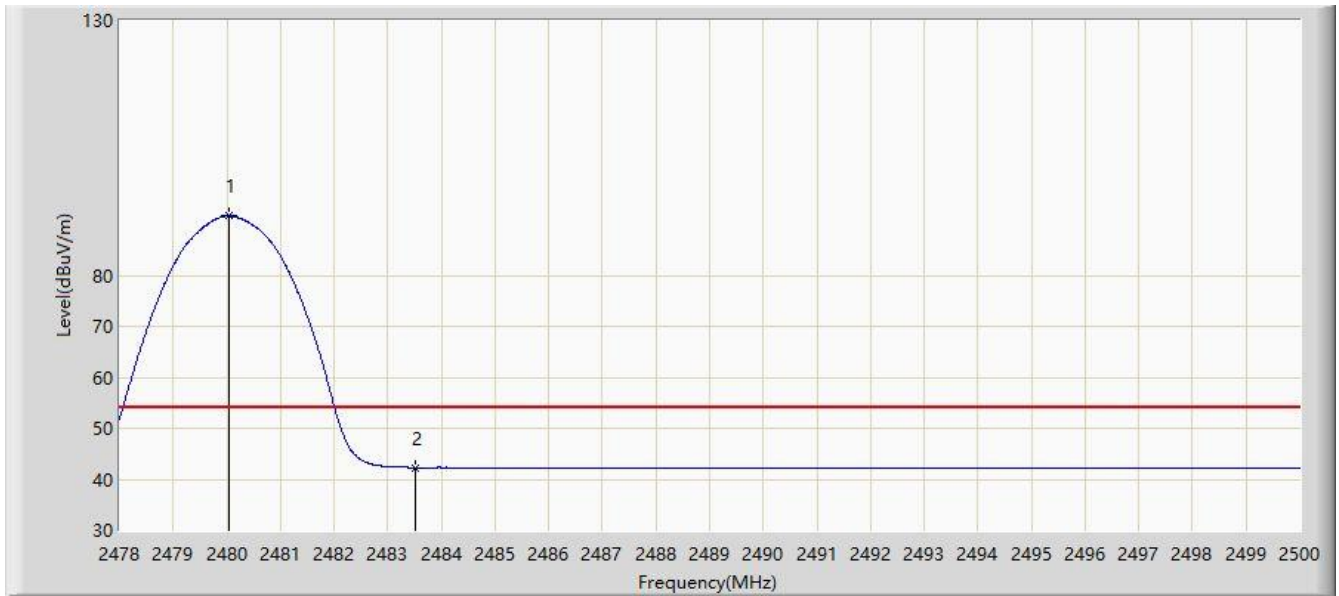


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.013	95.145	66.007	N/A	N/A	29.138	PK
2			2483.500	55.012	25.869	-18.988	74.000	29.143	PK
3			2484.820	56.704	27.559	-17.296	74.000	29.145	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC2	Time: 2020/08/07 - 20:13
Limit: FCC_Part15.209_RE(3m)	Engineer: Jason Gao
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI+BT Combo Module	Power: By USB
Test Mode: Transmit by 2DH5 at Channel 2480MHz	

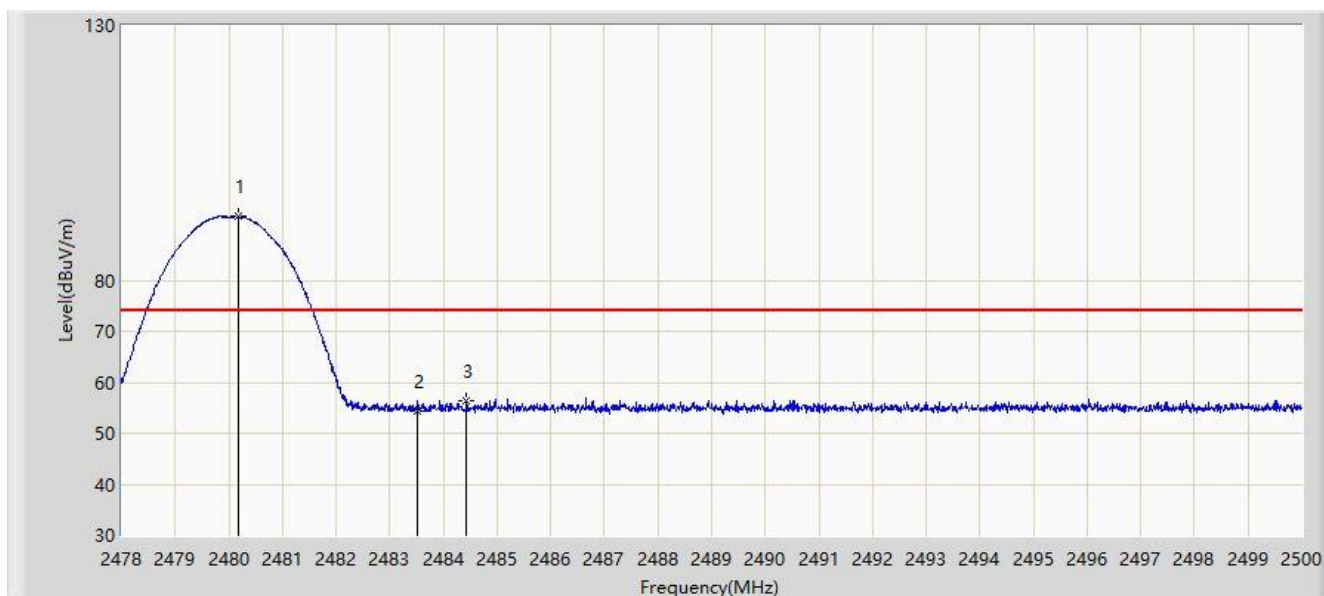


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.046	91.624	62.485	N/A	N/A	29.139	AV
2			2483.500	42.275	13.132	-11.725	54.000	29.143	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC2	Time: 2020/08/07 - 20:15
Limit: FCC_Part15.209_RE(3m)	Engineer: Jason Gao
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI+BT Combo Module	Power: By USB
Test Mode: Transmit by 2DH5 at Channel 2480MHz	

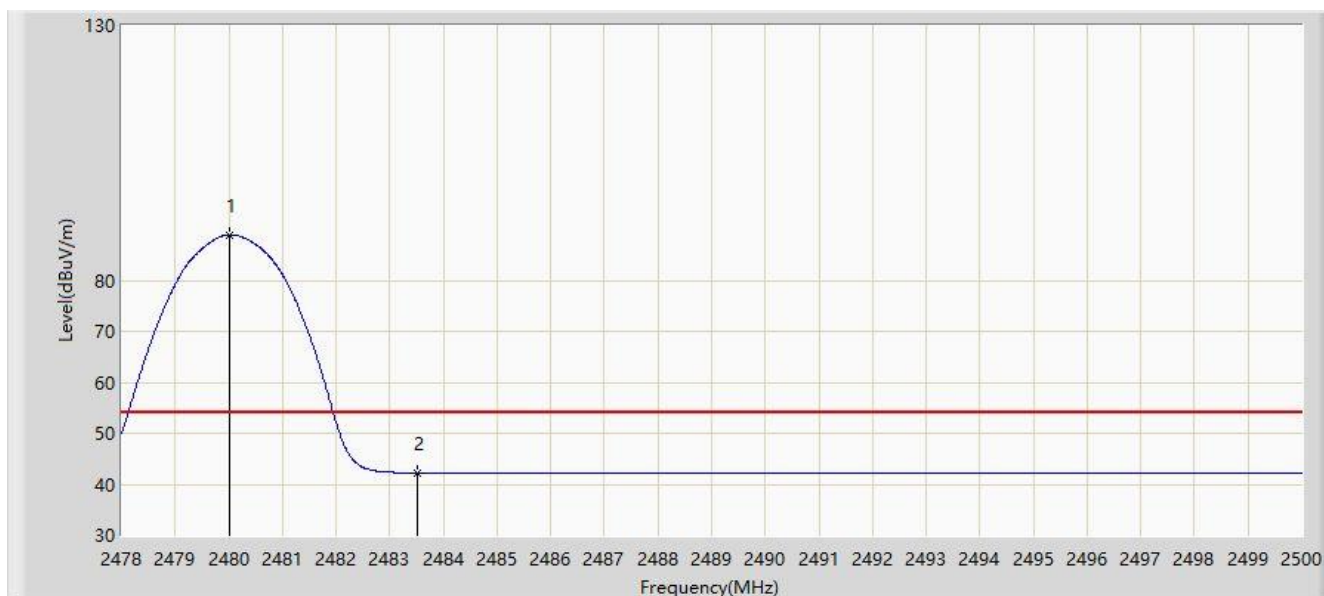


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.167	92.633	63.494	N/A	N/A	29.139	PK
2			2483.500	54.431	25.288	-19.569	74.000	29.143	PK
3			2484.424	56.313	27.168	-17.687	74.000	29.145	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC2	Time: 2020/08/07 - 20:16
Limit: FCC_Part15.209_RE(3m)	Engineer: Jason Gao
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI+BT Combo Module	Power: By USB
Test Mode: Transmit by 2DH5 at Channel 2480MHz	

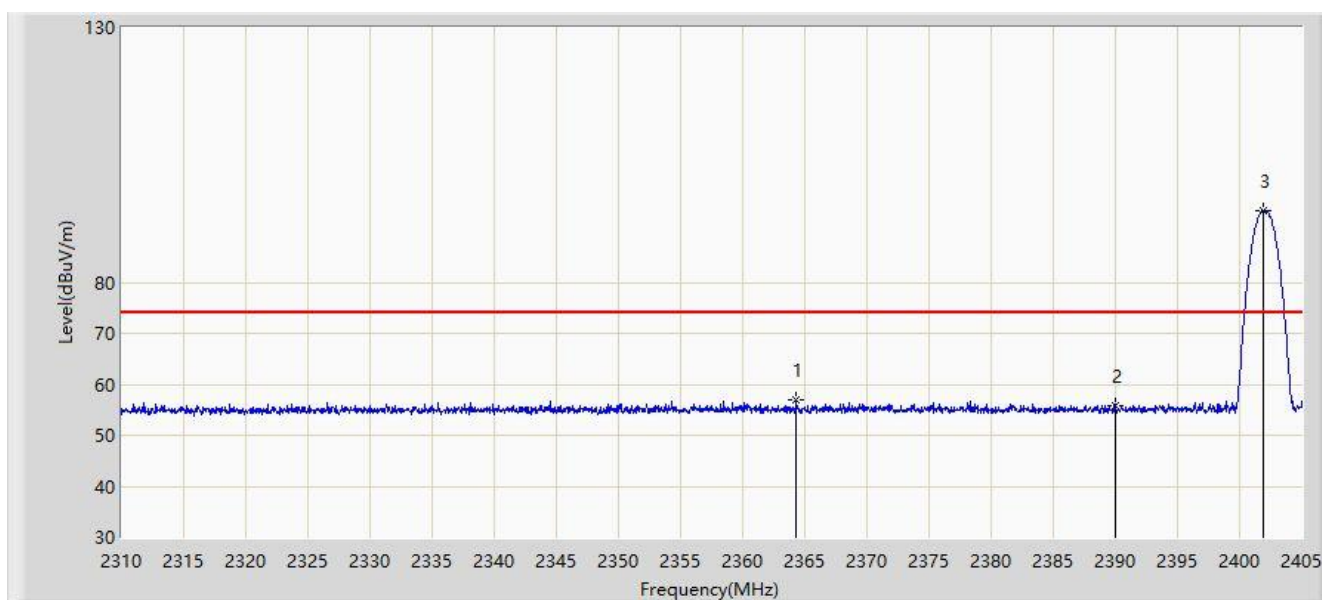


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.002	88.940	59.802	N/A	N/A	29.138	AV
2			2483.500	42.224	13.081	-11.776	54.000	29.143	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC2	Time: 2020/08/07 - 20:19
Limit: FCC_Part15.209_RE(3m)	Engineer: Jason Gao
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI+BT Combo Module	Power: By USB
Test Mode: Transmit by 3DH5 at Channel 2402MHz	

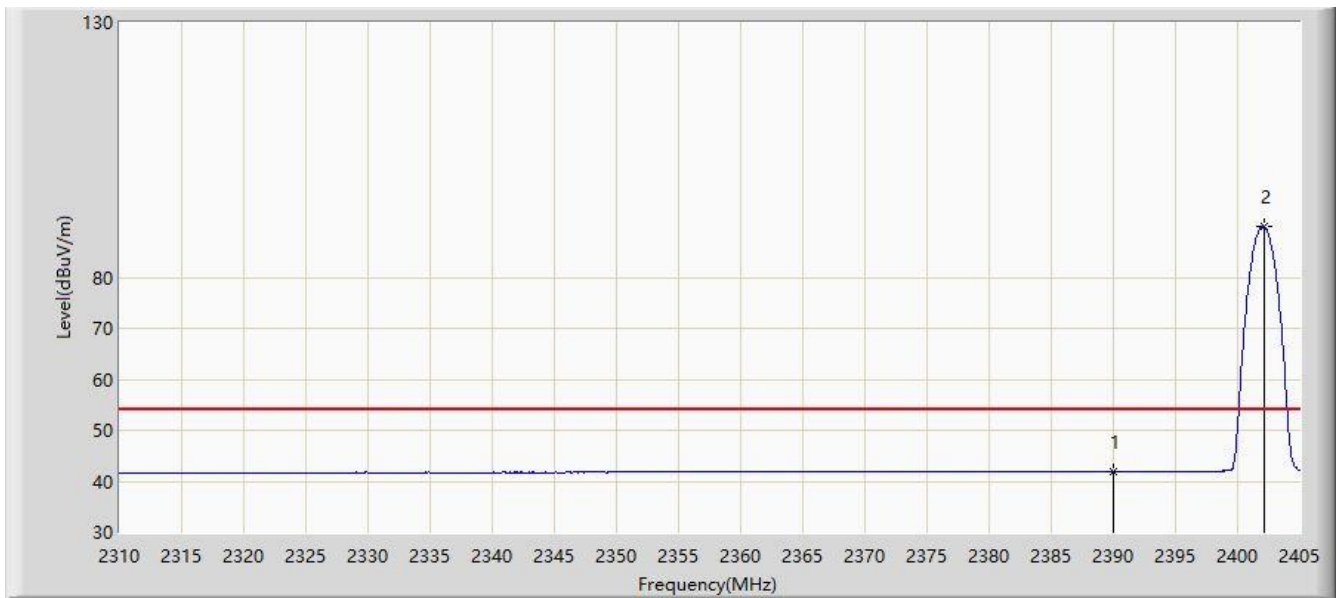


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2364.340	57.023	27.595	-16.977	74.000	29.428	PK
2			2390.000	55.735	26.440	-18.265	74.000	29.296	PK
3		*	2401.913	94.167	64.891	N/A	N/A	29.275	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC2	Time: 2020/08/07 - 20:24
Limit: FCC_Part15.209_RE(3m)	Engineer: Jason Gao
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI+BT Combo Module	Power: By USB
Test Mode: Transmit by 3DH5 at Channel 2402MHz	

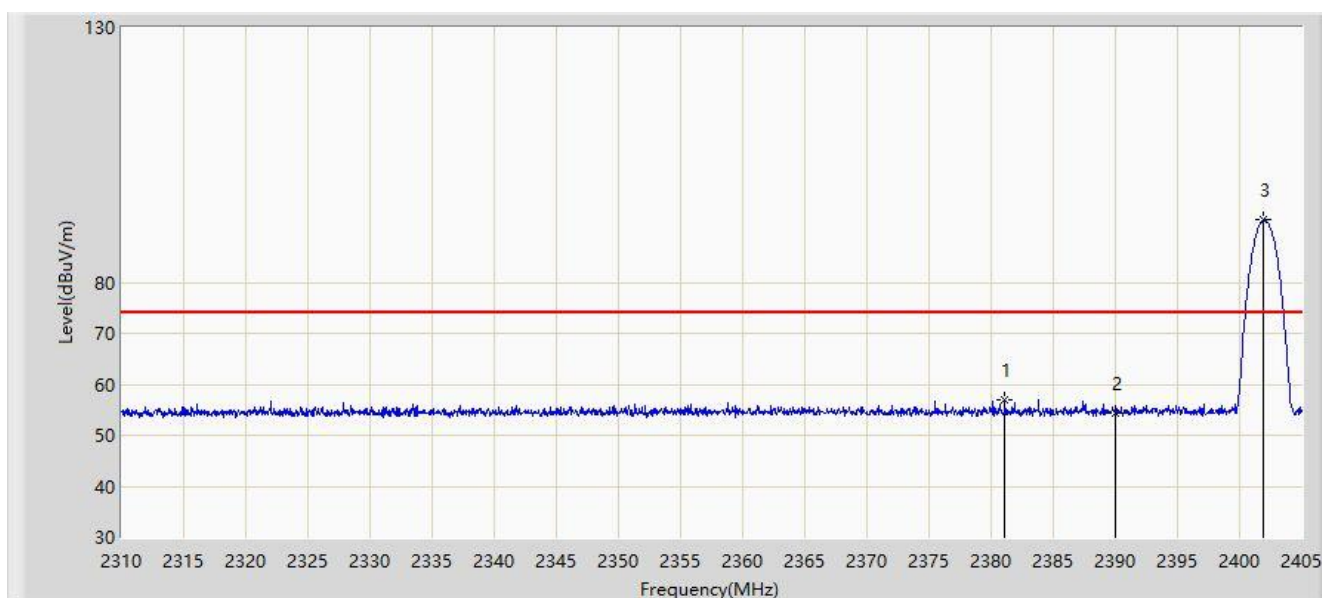


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	41.886	12.591	-12.114	54.000	29.296	AV
2		*	2402.150	89.928	60.653	N/A	N/A	29.276	AV

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC2	Time: 2020/08/07 - 20:25
Limit: FCC_Part15.209_RE(3m)	Engineer: Jason Gao
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI+BT Combo Module	Power: By USB
Test Mode: Transmit by 3DH5 at Channel 2402MHz	

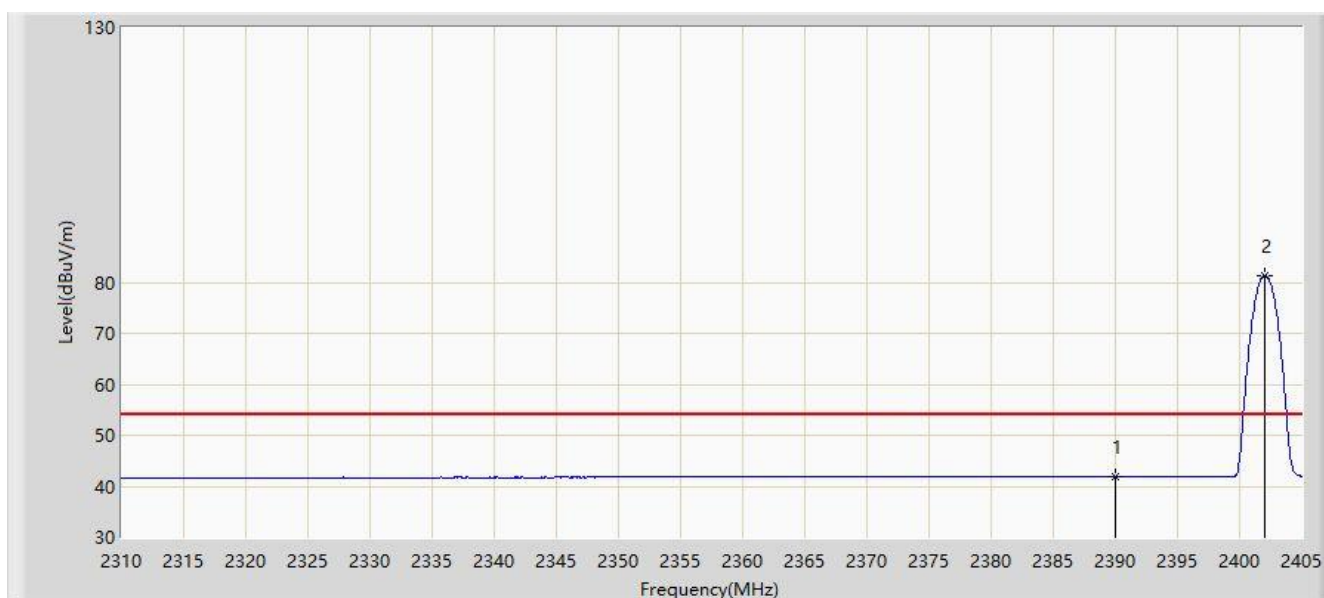


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2381.107	56.965	27.663	-17.035	74.000	29.302	PK
2			2390.000	54.439	25.144	-19.561	74.000	29.296	PK
3		*	2401.960	92.278	63.003	N/A	N/A	29.275	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC2	Time: 2020/08/07 - 20:27
Limit: FCC_Part15.209_RE(3m)	Engineer: Jason Gao
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI+BT Combo Module	Power: By USB
Test Mode: Transmit by 3DH5 at Channel 2402MHz	

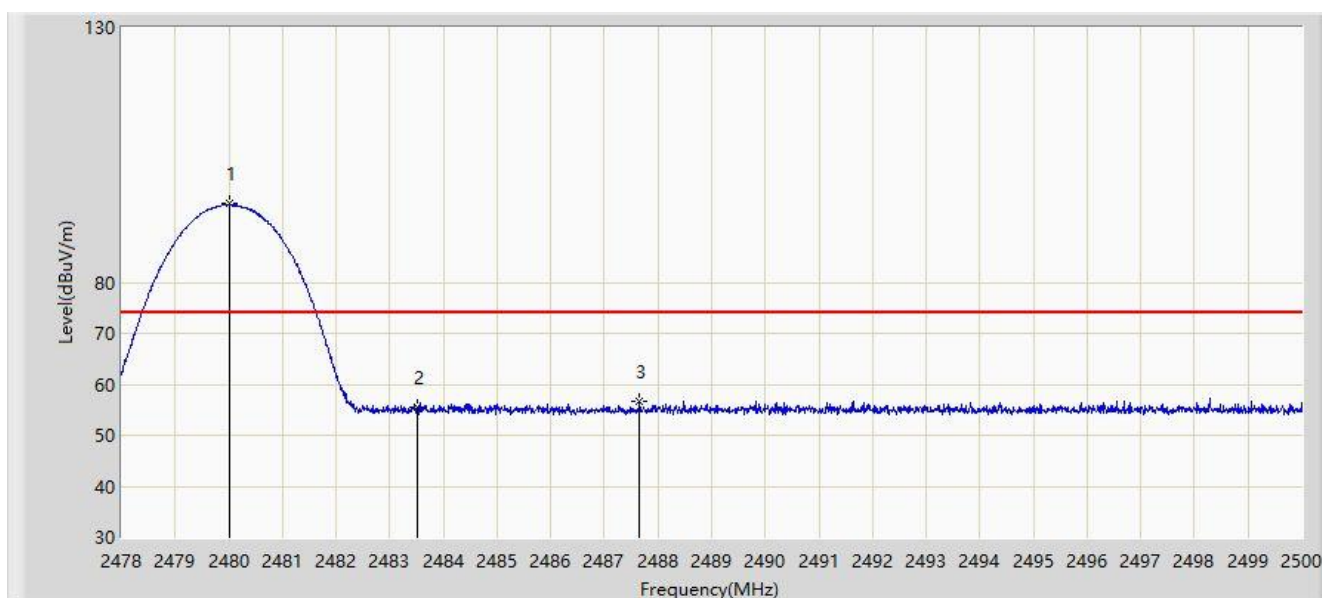


N	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	41.902	12.607	-12.098	54.000	29.296	AV
2		*	2402.055	81.403	52.128	N/A	N/A	29.275	AV

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC2	Time: 2020/08/07 - 20:48
Limit: FCC_Part15.209_RE(3m)	Engineer: Jason Gao
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI+BT Combo Module	Power: By USB
Test Mode: Transmit by 3DH5 at Channel 2480MHz	

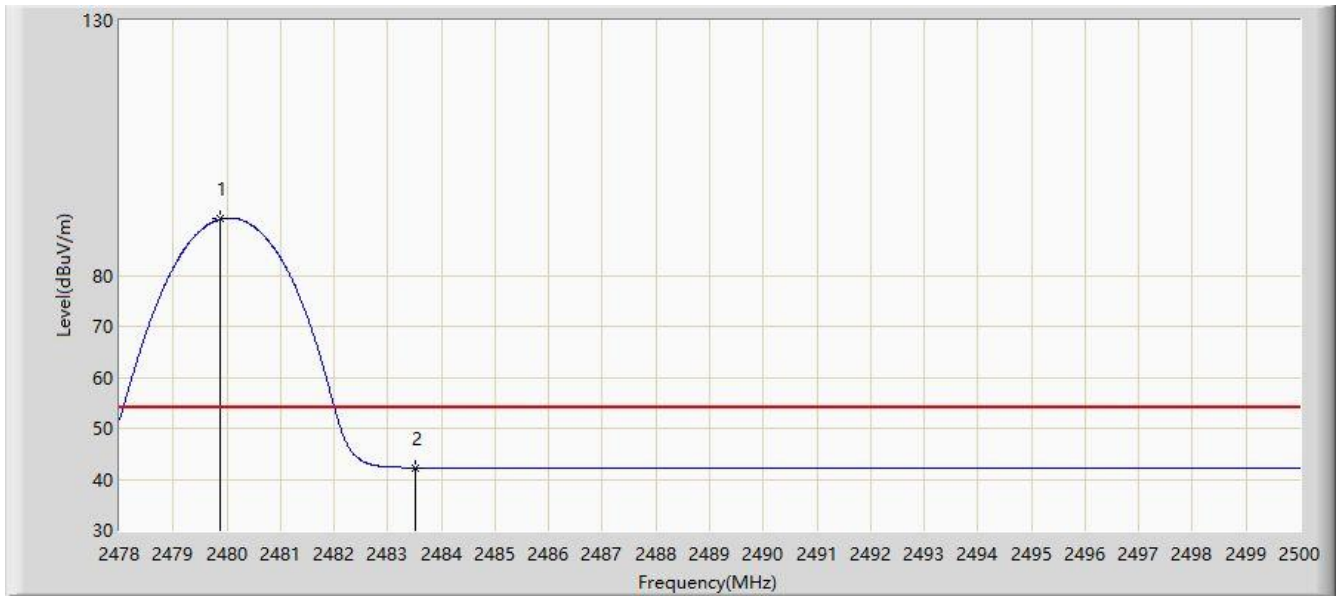


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.013	95.376	66.238	N/A	N/A	29.138	PK
2			2483.500	55.552	26.409	-18.448	74.000	29.143	PK
3			2487.647	56.648	27.499	-17.352	74.000	29.149	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC2	Time: 2020/08/07 - 20:52
Limit: FCC_Part15.209_RE(3m)	Engineer: Jason Gao
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI+BT Combo Module	Power: By USB
Test Mode: Transmit by 3DH5 at Channel 2480MHz	

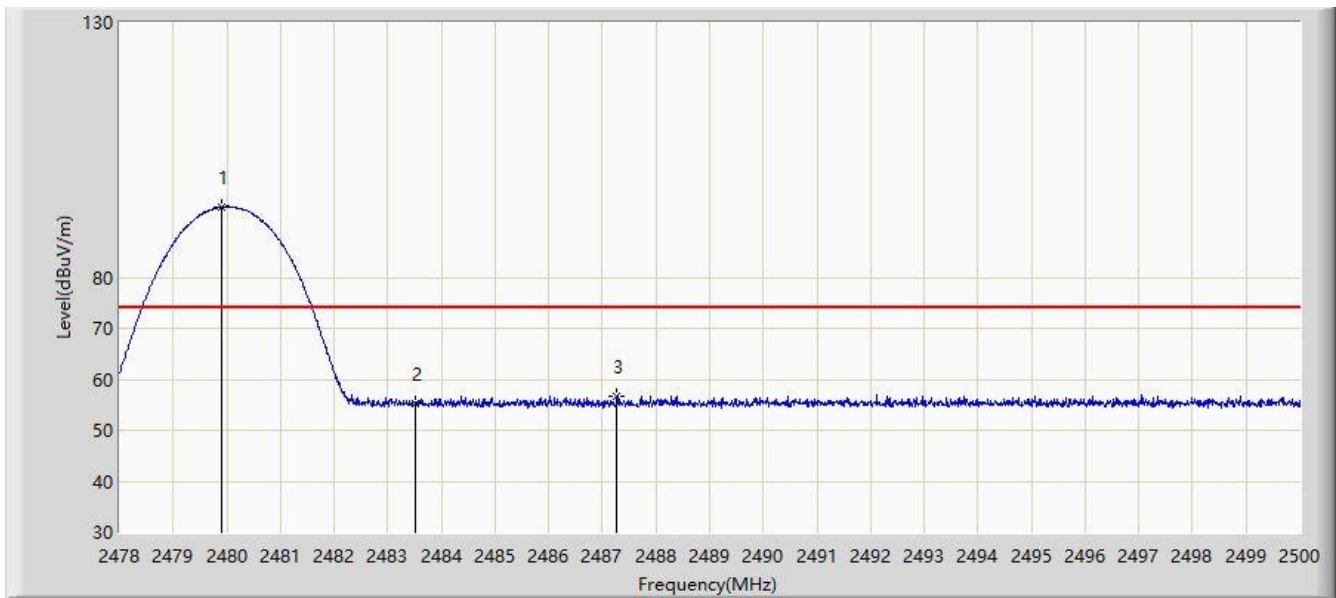


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.881	91.034	61.896	N/A	N/A	29.138	AV
2			2483.500	42.271	13.128	-11.729	54.000	29.143	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC2	Time: 2020/08/07 - 20:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Jason Gao
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI+BT Combo Module	Power: By USB
Test Mode: Transmit by 3DH5 at Channel 2480MHz	

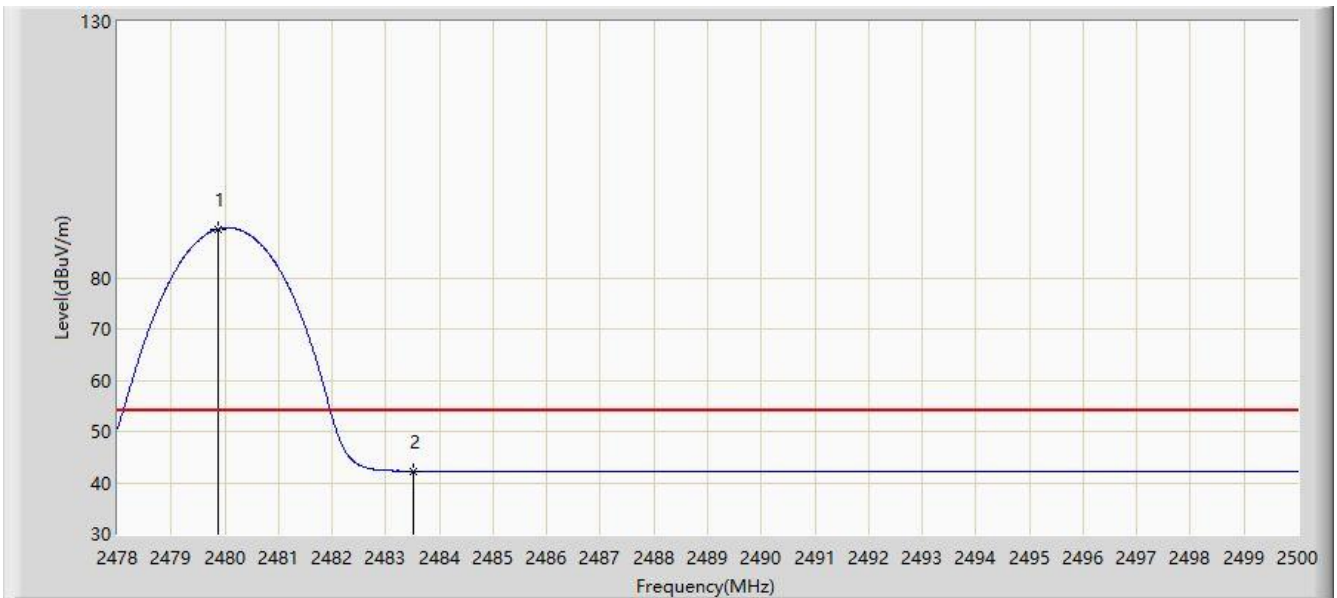


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.914	93.833	64.695	N/A	N/A	29.138	PK
2			2483.500	55.345	26.202	-18.655	74.000	29.143	PK
3			2487.273	56.767	27.618	-17.233	74.000	29.149	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC2	Time: 2020/08/07 - 20:57
Limit: FCC_Part15.209_RE(3m)	Engineer: Jason Gao
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI+BT Combo Module	Power: By USB
Test Mode: Transmit by 3DH5 at Channel 2480MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.870	89.491	60.353	N/A	N/A	29.138	AV
2			2483.500	42.260	13.117	-11.740	54.000	29.143	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

6.11. AC Conducted Emissions Measurement

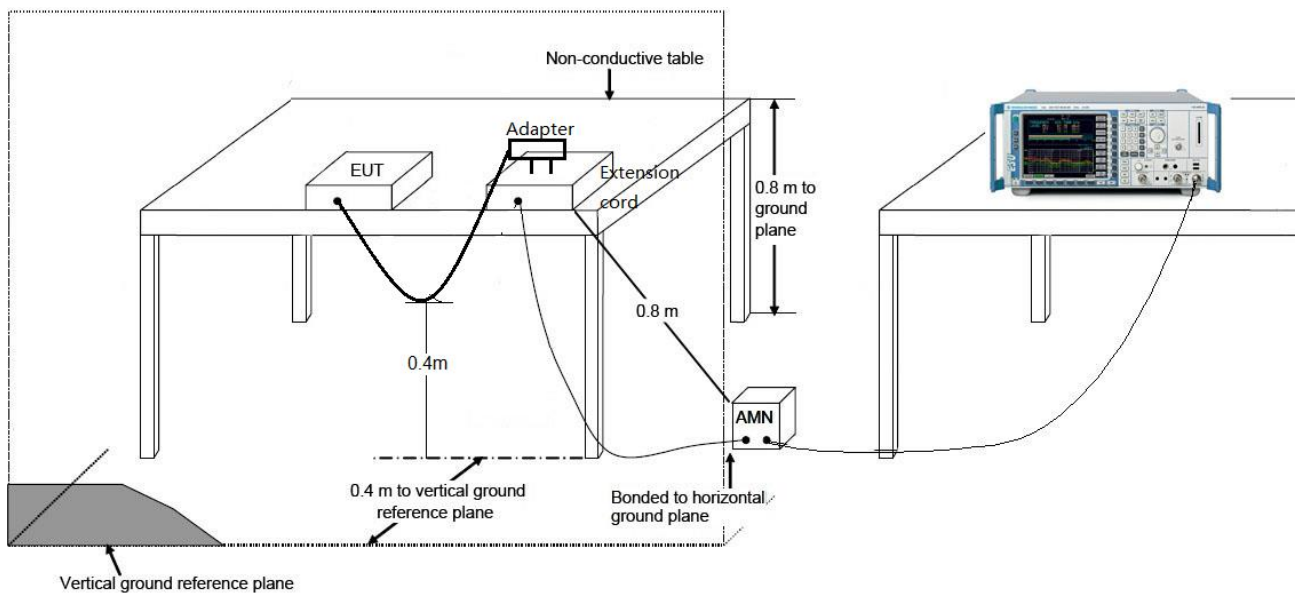
6.11.1. Test Limit

FCC Part 15 Subpart C Paragraph 15.207 & RSS-Gen Issue 5 Section 7.2.4 Limits		
Frequency (MHz)	QP (dB μ V)	Average (dB μ V)
0.15 - 0.50	66 - 56	56 - 46
0.50 - 5.0	56	46
5.0 - 30	60	50

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

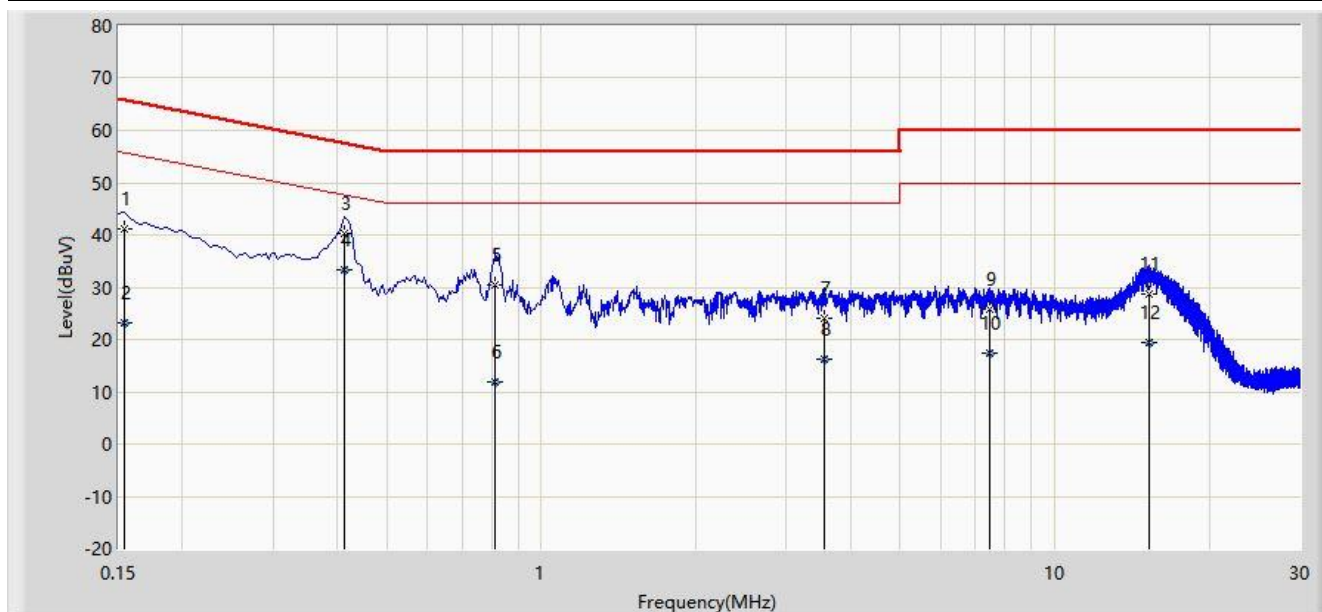
Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

6.11.2. Test Setup



6.11.3.Test Result

Site: SR2	Time: 2020/08/13 - 03:27
Limit: FCC_Part15.207_CE_AC Power	Engineer: Dillon Diao
Probe: ENV216_101683_Filter On	Polarity: Line
EUT: WIFI+BT Combo Module	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at Channel 2402MHz	

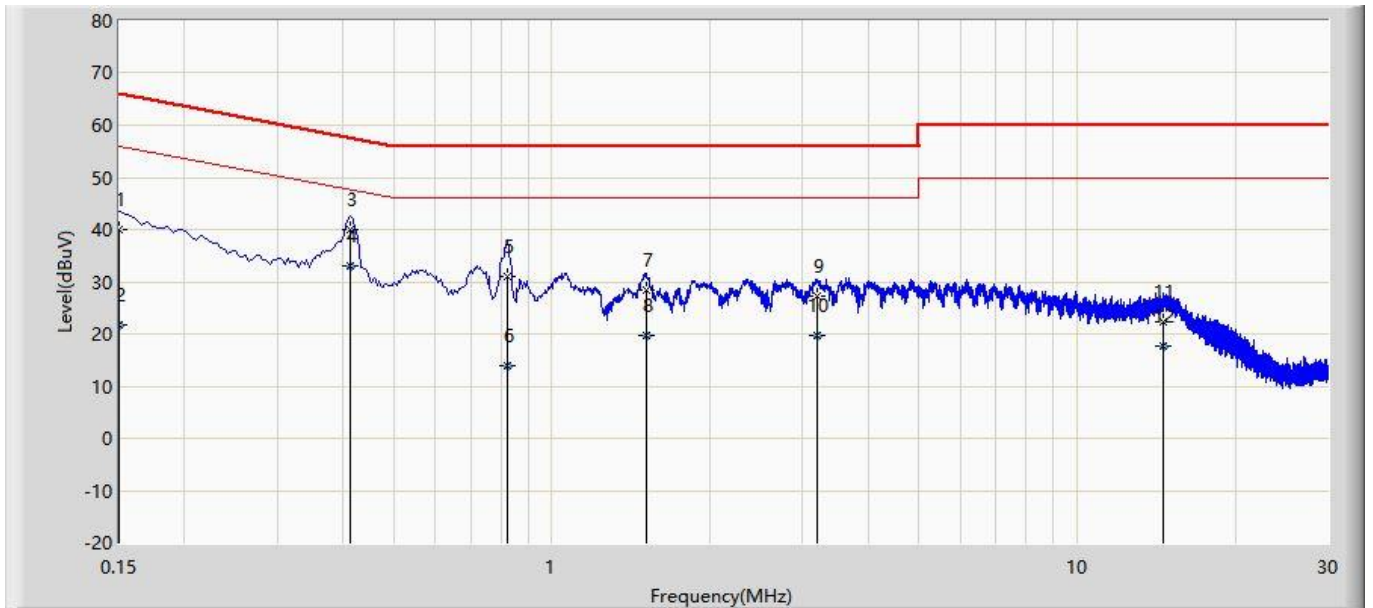


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV)	Factor	Type
1			0.154	41.122	31.507	-24.659	65.781	9.616	QP
2			0.154	23.087	13.472	-32.694	55.781	9.616	AV
3			0.414	40.434	30.754	-17.134	57.568	9.681	QP
4		*	0.414	33.396	23.716	-14.172	47.568	9.681	AV
5			0.814	30.338	20.603	-25.662	56.000	9.735	QP
6			0.814	11.772	2.038	-34.228	46.000	9.735	AV
7			3.550	24.141	14.327	-31.859	56.000	9.814	QP
8			3.550	16.118	6.304	-29.882	46.000	9.814	AV
9			7.442	25.883	15.913	-34.117	60.000	9.970	QP
10			7.442	17.477	7.507	-32.523	50.000	9.970	AV
11			15.250	28.672	18.476	-31.328	60.000	10.197	QP
12			15.250	19.370	9.173	-30.630	50.000	10.197	AV

Note: Measure Level (dBμV) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + LISN Factor (dB).

Site: SR2	Time: 2020/08/13 - 03:31
Limit: FCC_Part15.207_CE_AC Power	Engineer: Dillon Diao
Probe: ENV216_101683_Filter On	Polarity: Neutral
EUT: WIFI+BT Combo Module	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at Channel 2402MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level(dBuV)	Margin (dB)	Limit (dBuV)	Factor	Type
1			0.150	39.872	30.269	-26.128	66.000	9.603	QP
2			0.150	21.695	12.092	-34.305	56.000	9.603	AV
3			0.414	39.864	30.193	-17.704	57.568	9.671	QP
4		*	0.414	32.946	23.276	-14.622	47.568	9.671	AV
5			0.822	30.931	21.205	-25.069	56.000	9.725	QP
6			0.822	13.833	4.108	-32.167	46.000	9.725	AV
7			1.510	28.358	18.607	-27.642	56.000	9.751	QP
8			1.510	19.756	10.005	-26.244	46.000	9.751	AV
9			3.194	27.349	17.551	-28.651	56.000	9.798	QP
10			3.194	19.578	9.780	-26.422	46.000	9.798	AV
11			14.554	22.293	12.111	-37.707	60.000	10.182	QP
12			14.554	17.625	7.443	-32.375	50.000	10.182	AV

Note: Measure Level (dBμV) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + LISN Factor (dB).

7. CONCLUSION

The data collected relate only the item(s) tested and show that the unit is in compliance with Part 15C of the FCC rules and ISED rules.

The End

Appendix A - Test Setup Photograph

Refer to “2006RSU028-UT” file.

Appendix B - EUT Photograph

Refer to “ 2006RSU028-UE” file.