

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

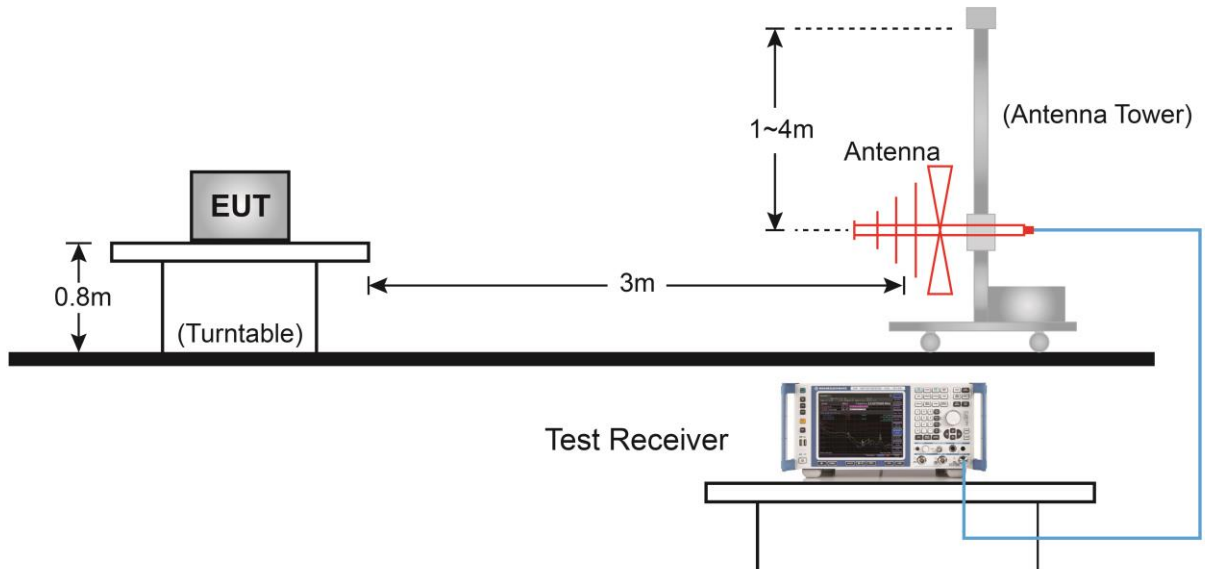
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

Average Measurements above 1GHz (Method VB)

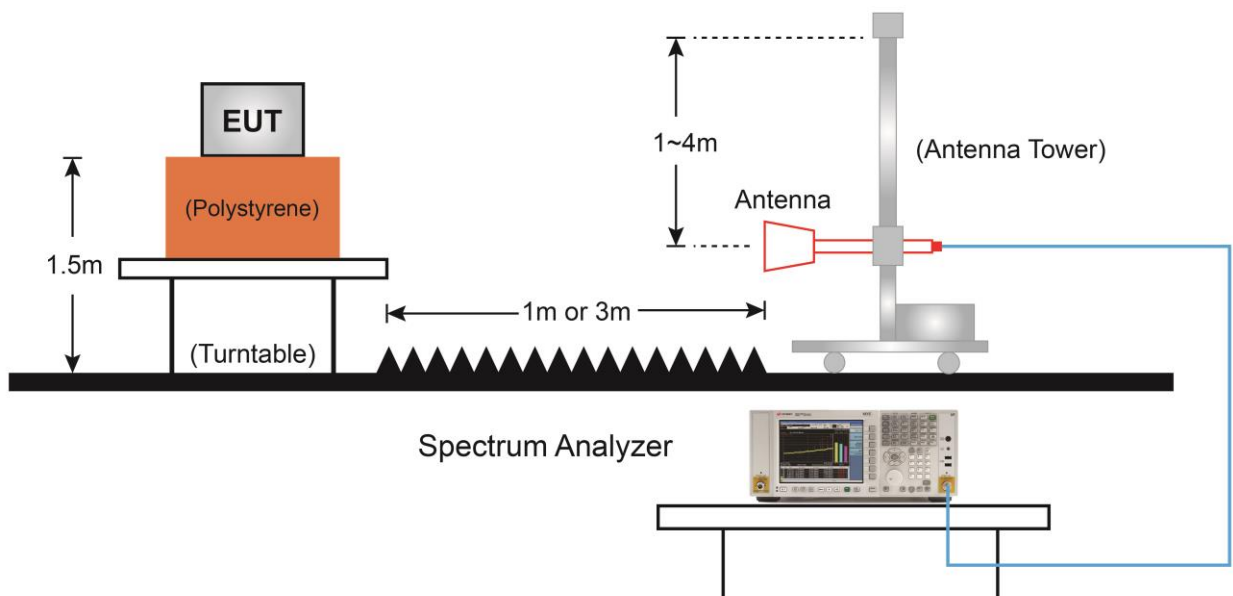
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW; If the EUT is configured to transmit with duty cycle $\geq 98\%$, set VBW = 10 Hz.
If the EUT duty cycle is $< 98\%$, set VBW $\geq 1/T$. T is the minimum transmission duration.
4.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

6.6.4. Test Setup

Below 1GHz Test Setup:



Above 1GHz Test Setup:



6.6.5. Test Result

Product	WIFI+BT Combo Module	Test Engineer	Dillon Diao
Test Date	2020/06/28	Test Site	AC2
Test Mode	802.11b - Ant 0 + 1	Test Channel	01
Note	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
	3660.5	42.0	-3.3	38.7	74.0	-35.3	Peak	Horizontal
	4825.0	37.9	-0.1	37.8	74.0	-36.2	Peak	Horizontal
*	6754.5	34.8	5.1	39.9	74.0	-34.1	Peak	Horizontal
*	8692.5	32.6	9.6	42.2	74.0	-31.8	Peak	Horizontal
	3983.5	41.0	-3.1	37.9	74.0	-36.1	Peak	Vertical
	4825.0	37.1	-0.1	37.0	74.0	-37.0	Peak	Vertical
*	5998.0	37.5	2.4	39.9	74.0	-34.1	Peak	Vertical
*	8786.0	32.9	10.0	42.9	74.0	-31.1	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	2020/06/28	Test Site	AC2
Test Mode	802.11b - Ant 0 + 1	Test Channel	06
Note	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 (dB μ V)	Factor (dB)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Polarization
	3983.5	40.4	-3.1	37.3	74.0	-36.7	Peak	Horizontal
	4876.0	37.6	-0.4	37.2	74.0	-36.8	Peak	Horizontal
*	6100.0	35.8	2.7	38.5	74.0	-35.5	Peak	Horizontal
*	8667.0	33.2	9.6	42.8	74.0	-31.2	Peak	Horizontal
	3992.0	41.5	-3.1	38.4	74.0	-35.6	Peak	Vertical
	4646.5	37.2	-0.2	37.0	74.0	-37.0	Peak	Vertical
*	6193.5	35.8	2.8	38.6	74.0	-35.4	Peak	Vertical
*	8786.0	33.0	10.0	43.0	74.0	-31.0	Peak	Vertical

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

Note 2: Measure Level (dB μ V/m) = Reading Level (dB μ V) + 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	2020/06/28	Test Site	AC2
Test Mode	802.11b - Ant 0 + 1	Test Channel	11
Note	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 (dB μ V)	Factor (dB)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Polarization
	3652.0	40.8	-3.3	37.5	74.0	-36.5	Peak	Horizontal
	4927.0	37.6	0.2	37.8	74.0	-36.2	Peak	Horizontal
*	6593.0	34.4	5.1	39.5	74.0	-34.5	Peak	Horizontal
*	8684.0	33.4	9.6	43.0	74.0	-31.0	Peak	Horizontal
	3975.0	38.2	-3.2	35.0	74.0	-39.0	Peak	Vertical
	4646.5	37.3	-0.2	37.1	74.0	-36.9	Peak	Vertical
*	5998.0	36.5	2.4	38.9	74.0	-35.1	Peak	Vertical
*	8675.5	33.5	9.5	43.0	74.0	-31.0	Peak	Vertical

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

Note 2: Measure Level (dB μ V/m) = Reading Level (dB μ V) + 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	2020/06/28	Test Site	AC2
Test Mode	802.11g - Ant 0 + 1	Test Channel	01
Note	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 (dB μ V)	Factor (dB)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Polarization
	4255.5	37.6	-2.0	35.6	74.0	-38.4	Peak	Horizontal
	4816.5	37.7	0.1	37.8	74.0	-36.2	Peak	Horizontal
*	6669.5	34.8	5.1	39.9	74.0	-34.1	Peak	Horizontal
*	8675.5	33.7	9.5	43.2	74.0	-30.8	Peak	Horizontal
	3966.5	39.1	-3.2	35.9	74.0	-38.1	Peak	Vertical
	4672.0	36.7	0.1	36.8	74.0	-37.2	Peak	Vertical
*	6584.5	36.1	5.1	41.2	74.0	-32.8	Peak	Vertical
*	8650.0	33.2	9.5	42.7	74.0	-31.3	Peak	Vertical

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

Note 2: Measure Level (dB μ V/m) = Reading Level (dB μ V) + 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	2020/06/28	Test Site	AC2
Test Mode	802.11g - Ant 0 + 1	Test Channel	06
Note	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 (dB μ V)	Factor (dB)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Polarization
	3652.0	39.3	-3.3	36.0	74.0	-38.0	Peak	Horizontal
	4876.0	38.8	-0.4	38.4	74.0	-35.6	Peak	Horizontal
*	6695.0	34.5	5.1	39.6	74.0	-34.4	Peak	Horizontal
*	8684.0	33.5	9.6	43.1	74.0	-30.9	Peak	Horizontal
	4247.0	37.4	-2.1	35.3	74.0	-38.7	Peak	Vertical
	4901.5	36.4	0.0	36.4	74.0	-37.6	Peak	Vertical
*	6210.5	35.2	3.1	38.3	74.0	-35.7	Peak	Vertical
*	8752.0	32.4	10.1	42.5	74.0	-31.5	Peak	Vertical

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

Note 2: Measure Level (dB μ V/m) = Reading Level (dB μ V) + 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	2020/06/28	Test Site	AC2
Test Mode	802.11g - Ant 0 + 1	Test Channel	11
Note	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 (dB μ V)	Factor (dB)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Polarization
	4247.0	37.6	-2.1	35.5	74.0	-38.5	Peak	Horizontal
	4927.0	36.7	0.2	36.9	74.0	-37.1	Peak	Horizontal
*	6108.5	36.9	2.8	39.7	74.0	-34.3	Peak	Horizontal
*	8777.5	33.4	10.0	43.4	74.0	-30.6	Peak	Horizontal
	3915.5	38.5	-3.2	35.3	74.0	-38.7	Peak	Vertical
	5054.5	36.9	0.6	37.5	74.0	-36.5	Peak	Vertical
*	6440.0	33.8	4.2	38.0	74.0	-36.0	Peak	Vertical
*	8616.0	33.5	9.2	42.7	74.0	-31.3	Peak	Vertical

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

Note 2: Measure Level (dB μ V/m) = Reading Level (dB μ V) + 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	2020/06/28	Test Site	AC2
Test Mode	802.11n-HT20 - Ant 0 + 1	Test Channel	01
Note	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 (dB μ V)	Factor (dB)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Polarization
	3643.5	44.6	-3.3	41.3	74.0	-32.7	Peak	Horizontal
	4825.0	37.2	-0.1	37.1	74.0	-36.9	Peak	Horizontal
*	6567.5	35.4	4.8	40.2	74.0	-33.8	Peak	Horizontal
*	8743.5	31.8	9.9	41.7	74.0	-32.3	Peak	Horizontal
	3975.0	38.7	-3.2	35.5	74.0	-38.5	Peak	Vertical
	4782.5	37.3	0.1	37.4	74.0	-36.6	Peak	Vertical
*	6746.0	35.4	5.1	40.5	74.0	-33.5	Peak	Vertical
*	8692.5	33.5	9.6	43.1	74.0	-30.9	Peak	Vertical

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

Note 2: Measure Level (dB μ V/m) = Reading Level (dB μ V) + 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	2020/06/28	Test Site	AC2
Test Mode	802.11n-HT20 - Ant 0 + 1	Test Channel	06
Note	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 (dB μ V)	Factor (dB)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Polarization
	3643.5	43.8	-3.3	40.5	74.0	-33.5	Peak	Horizontal
	4799.5	36.9	0.2	37.1	74.0	-36.9	Peak	Horizontal
*	6746.0	34.8	5.1	39.9	74.0	-34.1	Peak	Horizontal
*	8590.5	33.0	9.1	42.1	74.0	-31.9	Peak	Horizontal
	4000.5	39.7	-2.8	36.9	74.0	-37.1	Peak	Vertical
	5063.0	36.7	0.6	37.3	74.0	-36.7	Peak	Vertical
*	6720.5	35.0	5.4	40.4	74.0	-33.6	Peak	Vertical
*	8701.0	32.8	9.6	42.4	74.0	-31.6	Peak	Vertical

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

Note 2: Measure Level (dB μ V/m) = Reading Level (dB μ V) + 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	2020/06/28	Test Site	AC2
Test Mode	802.11n-HT20 - Ant 0 + 1	Test Channel	11
Note	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 (dB μ V)	Factor (dB)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Polarization
	3652.0	42.6	-3.3	39.3	74.0	-34.7	Peak	Horizontal
	5071.5	38.2	0.4	38.6	74.0	-35.4	Peak	Horizontal
*	6720.5	35.1	5.4	40.5	74.0	-33.5	Peak	Horizontal
*	8616.0	32.4	9.2	41.6	74.0	-32.4	Peak	Horizontal
	4051.5	38.0	-2.6	35.4	74.0	-38.6	Peak	Vertical
	4655.0	36.9	-0.1	36.8	74.0	-37.2	Peak	Vertical
*	6244.5	35.0	3.0	38.0	74.0	-36.0	Peak	Vertical
*	8667.0	32.1	9.6	41.7	74.0	-32.3	Peak	Vertical

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

Note 2: Measure Level (dB μ V/m) = Reading Level (dB μ V) + 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	2020/06/28	Test Site	AC2
Test Mode	802.11n-HT40 - Ant 0 + 1	Test Channel	03
Note	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 (dB μ V)	Factor (dB)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Polarization
	3983.5	38.3	-3.1	35.2	74.0	-38.8	Peak	Horizontal
	4850.5	37.9	-0.3	37.6	74.0	-36.4	Peak	Horizontal
*	7137.0	34.9	7.7	42.6	74.0	-31.4	Peak	Horizontal
*	8658.5	32.1	9.6	41.7	74.0	-32.3	Peak	Horizontal
	4119.5	37.1	-2.2	34.9	74.0	-39.1	Peak	Vertical
	4680.5	36.4	0.1	36.5	74.0	-37.5	Peak	Vertical
*	5913.0	36.0	2.0	38.0	74.0	-36.0	Peak	Vertical
*	8769.0	31.1	10.1	41.2	74.0	-32.8	Peak	Vertical

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

Note 2: Measure Level (dB μ V/m) = Reading Level (dB μ V) + 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	2020/06/28	Test Site	AC2
Test Mode	802.11n-HT40 - Ant 0 + 1	Test Channel	06
Note	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 (dB μ V)	Factor (dB)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Polarization
	3652.0	41.7	-3.3	38.4	74.0	-35.6	Peak	Horizontal
	4706.0	36.3	0.2	36.5	74.0	-37.5	Peak	Horizontal
*	7094.5	33.8	7.7	41.5	74.0	-32.5	Peak	Horizontal
*	8769.0	33.5	10.1	43.6	74.0	-30.4	Peak	Horizontal
	3983.5	39.0	-3.1	35.9	74.0	-38.1	Peak	Vertical
	4672.0	36.7	0.1	36.8	74.0	-37.2	Peak	Vertical
*	6729.0	34.0	5.4	39.4	74.0	-34.6	Peak	Vertical
*	8794.5	30.9	10.0	40.9	74.0	-33.1	Peak	Vertical

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

Note 2: Measure Level (dB μ V/m) = Reading Level (dB μ V) + 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	2020/06/28	Test Site	AC2
Test Mode	802.11n-HT40 - Ant 0 + 1	Test Channel	09
Note	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 (dB μ V)	Factor (dB)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Polarization
	3652.0	42.9	-3.3	39.6	74.0	-34.4	Peak	Horizontal
	4663.5	36.5	0.0	36.5	74.0	-37.5	Peak	Horizontal
*	7111.5	33.9	7.6	41.5	74.0	-32.5	Peak	Horizontal
*	8701.0	33.3	9.6	42.9	74.0	-31.1	Peak	Horizontal
	4119.5	37.2	-2.2	35.0	74.0	-39.0	Peak	Vertical
	5054.5	36.8	0.6	37.4	74.0	-36.6	Peak	Vertical
*	5989.5	35.7	2.4	38.1	74.0	-35.9	Peak	Vertical
*	8709.5	32.2	9.5	41.7	74.0	-32.3	Peak	Vertical

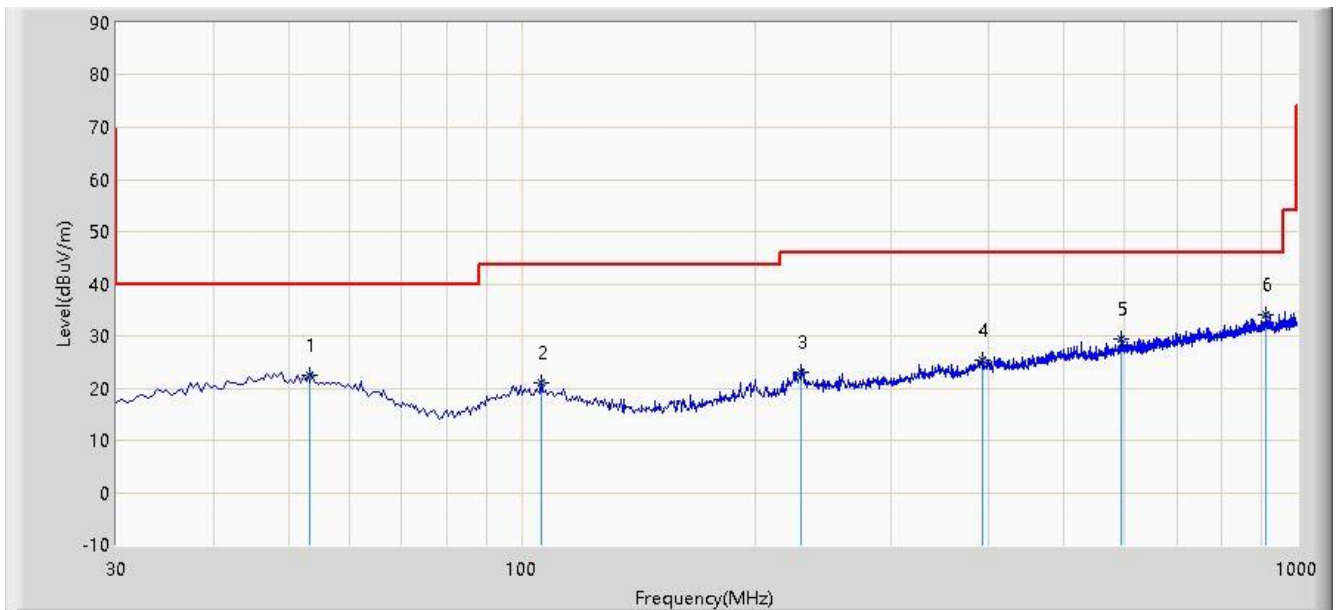
Note 1: "*" means test frequency did not fall into restricted band.

Note 2: Measure Level (dB μ V/m) = Reading Level (dB μ V) + 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: 2020/08/18 - 23:00
Limit: FCC_Part15.209_RE(3m)	Engineer: Edgar Ma
Probe: AC2_VULB9162_0.03-7GHz	Polarity: Horizontal
EUT: WIFI+BT Combo Module	Power: By USB
Test Mode: There is the worst case within frequency range 30MHz~1GHz.	



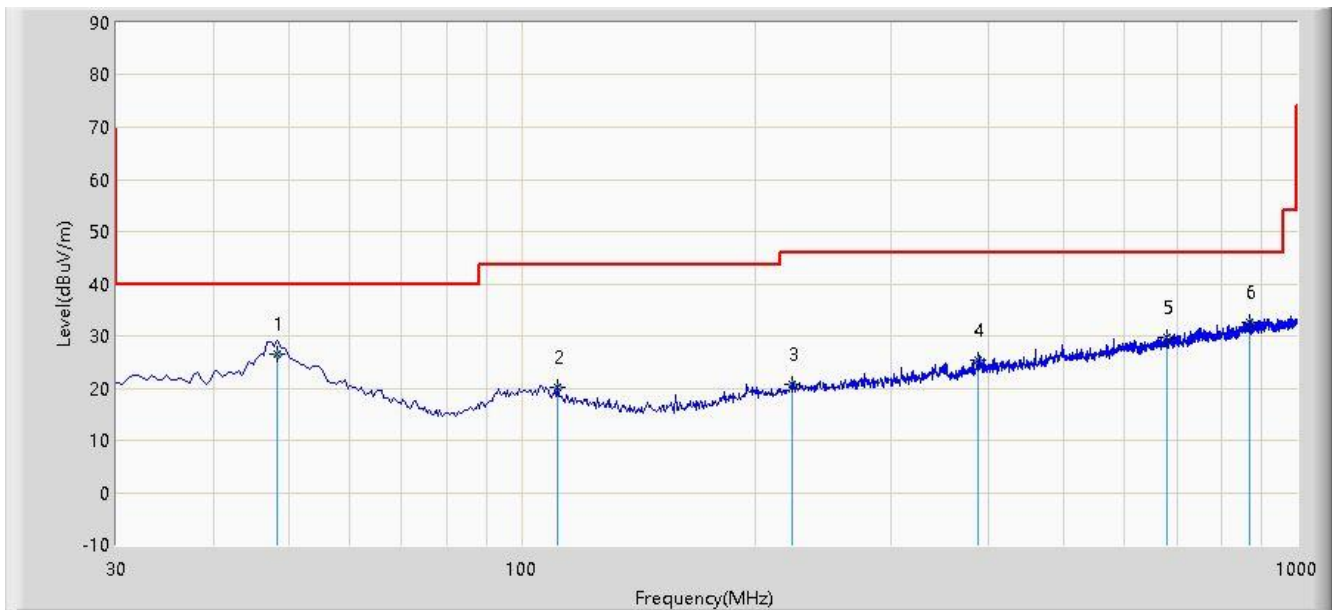
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			53.280	22.319	2.150	-17.681	40.000	20.169	QP
2			106.145	21.071	2.910	-22.429	43.500	18.162	QP
3			229.335	22.931	4.120	-23.069	46.000	18.811	QP
4			393.750	25.497	2.950	-20.503	46.000	22.547	QP
5			593.570	29.438	3.210	-16.562	46.000	26.228	QP
6		*	911.730	34.044	4.210	-11.956	46.000	29.834	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: 2020/08/18 - 23:01
Limit: FCC_Part15.209_RE(3m)	Engineer: Edgar Ma
Probe: AC2_VULB9162_0.03-7GHz	Polarity: Vertical
EUT: WIFI+BT Combo Module	Power: By USB
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			48.430	26.494	6.120	-13.506	40.000	20.374	QP
2			111.480	20.120	2.560	-23.380	43.500	17.560	QP
3			223.520	20.633	2.130	-25.367	46.000	18.504	QP
4			388.100	25.484	3.120	-20.516	46.000	22.363	QP
5			679.600	29.615	2.510	-16.385	46.000	27.105	QP
6		*	870.510	32.571	2.910	-13.429	46.000	29.661	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.

6.7. Radiated Restricted Band Edge Measurement

6.7.1. 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 - 156.52525	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 Limits		
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

6.7.2. Test Procedure Used

ANSI C63.10 -2013 Section 6.3 (General Requirements)

ANSI C63.10 -2013 Section 6.6 (Standard test method above 1GHz)

6.7.3. 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

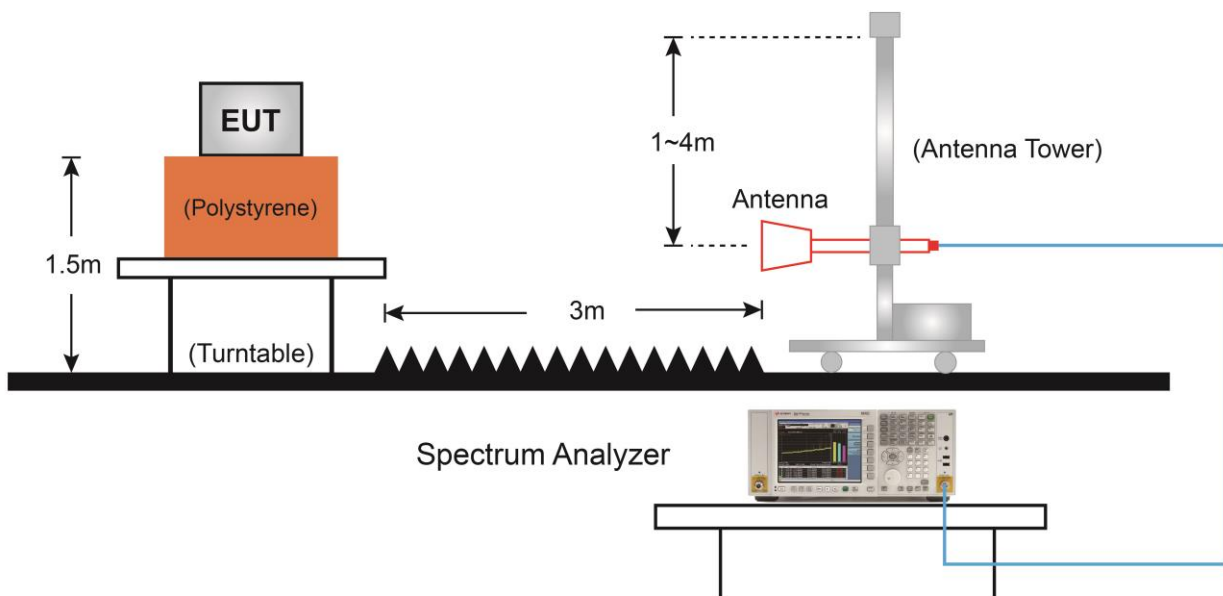
Average Measurements above 1GHz (Method VB)

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.

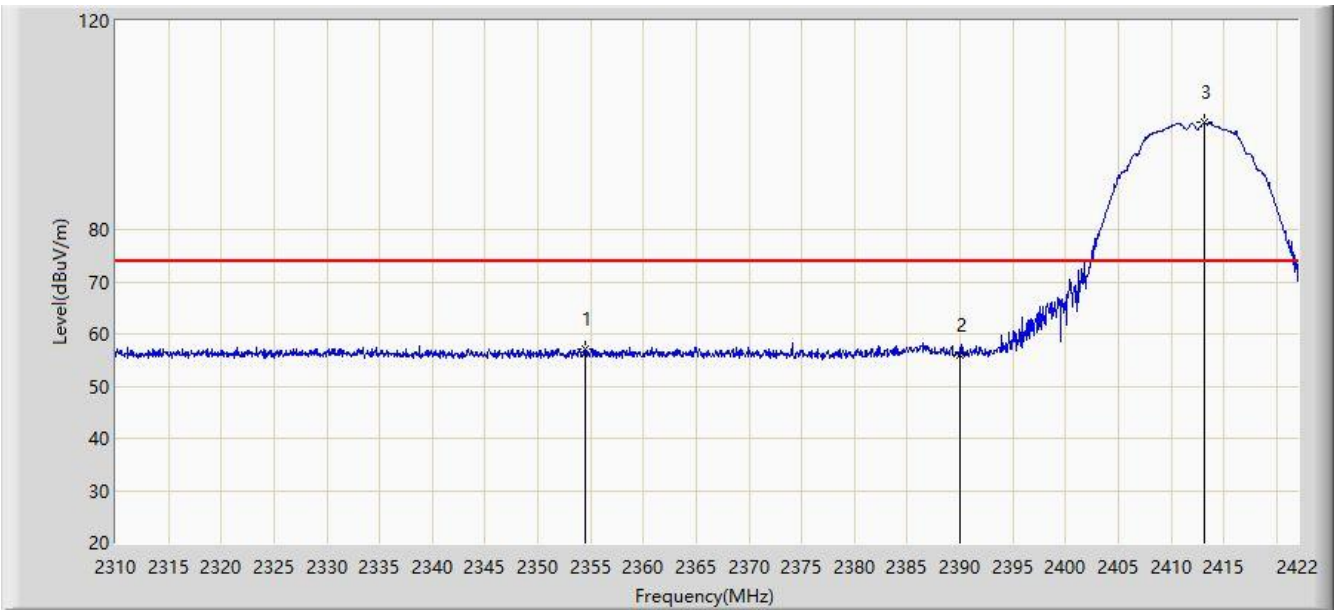
4. Detector = Peak
5. Sweep time = auto
6. Trace mode = max hold
7. Trace was allowed to stabilize

6.7.4. Test Setup



6.7.5. Test Result

Site: AC2	Time: 2020/06/28 - 11:58
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI+BT Combo Module	Power: By USB
Test Mode: Transmit by 802.11b at Channel 2412MHz	

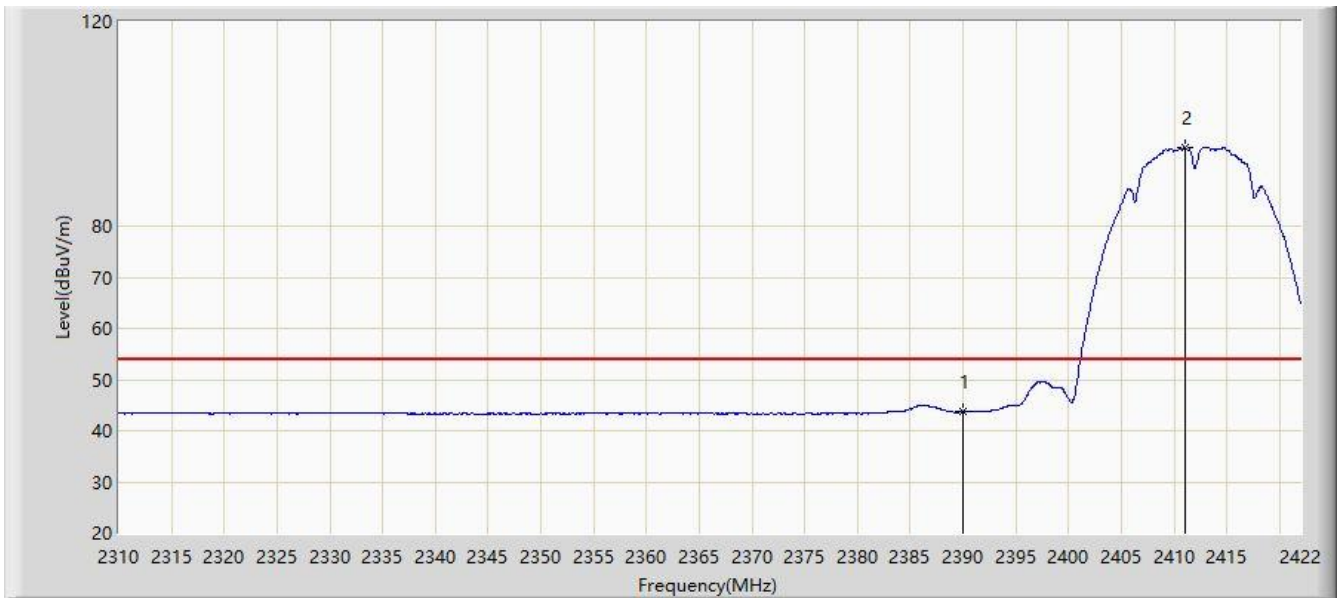


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2354.520	57.191	27.762	-16.809	74.000	29.428	PK
2			2390.000	56.011	26.716	-17.989	74.000	29.296	PK
3		*	2413.152	100.664	71.404	N/A	N/A	29.260	PK

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

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

Site: AC2	Time: 2020/06/28 - 11:59
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI+BT Combo Module	Power: By USB
Test Mode: Transmit by 802.11b at Channel 2412MHz	

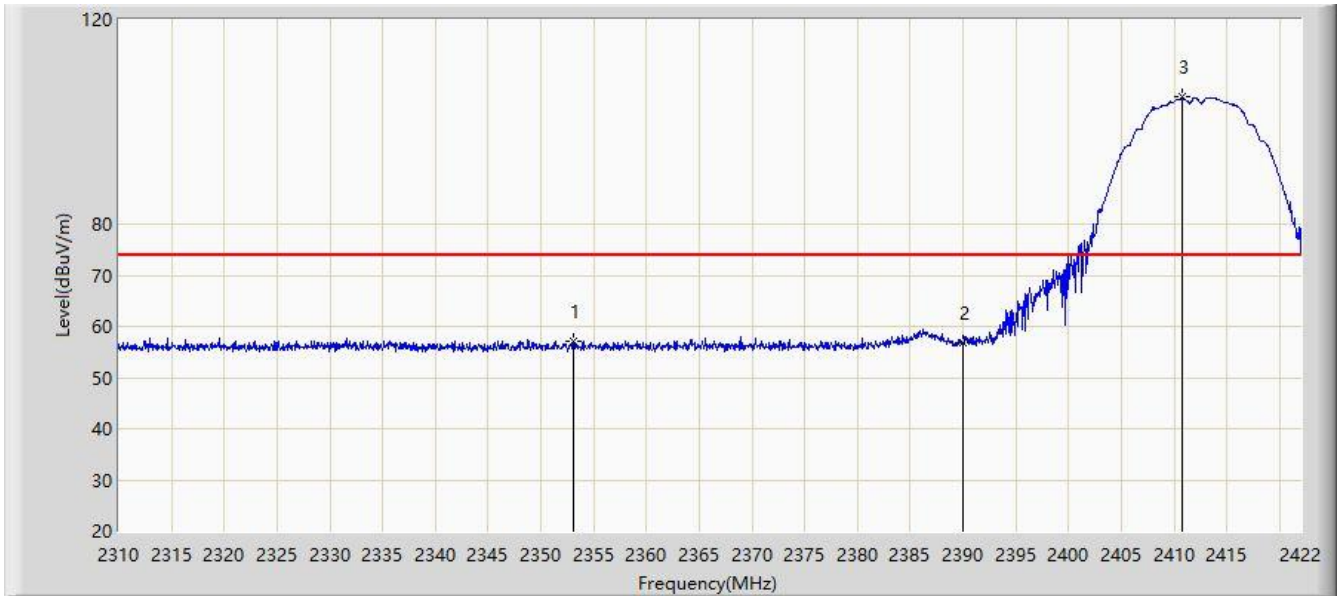


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	43.687	14.392	-10.313	54.000	29.296	AV
2		*	2411.024	95.382	66.116	N/A	N/A	29.266	AV

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

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

Site: AC2	Time: 2020/06/28 - 12:02
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI+BT Combo Module	Power: By USB
Test Mode: Transmit by 802.11b at Channel 2412MHz	

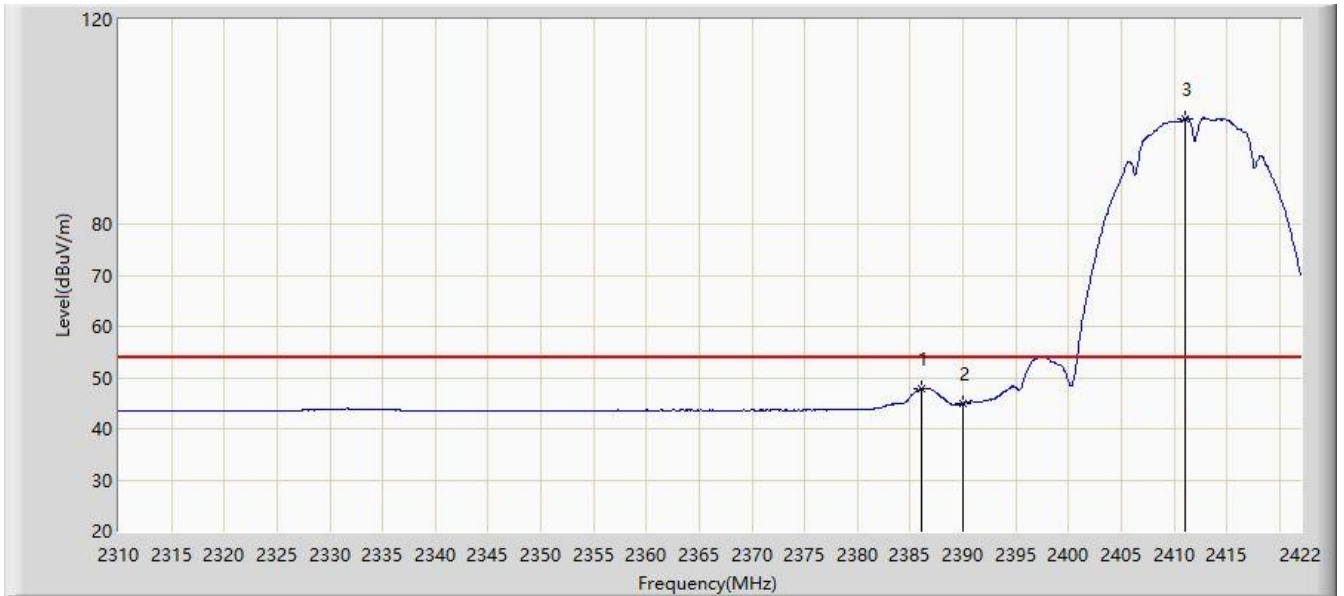


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2353.120	57.131	27.707	-16.869	74.000	29.424	PK
2			2390.000	56.742	27.447	-17.258	74.000	29.296	PK
3		*	2410.800	104.901	75.635	N/A	N/A	29.266	PK

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

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

Site: AC2	Time: 2020/06/28 - 12:04
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI+BT Combo Module	Power: By USB
Test Mode: Transmit by 802.11b at Channel 2412MHz	

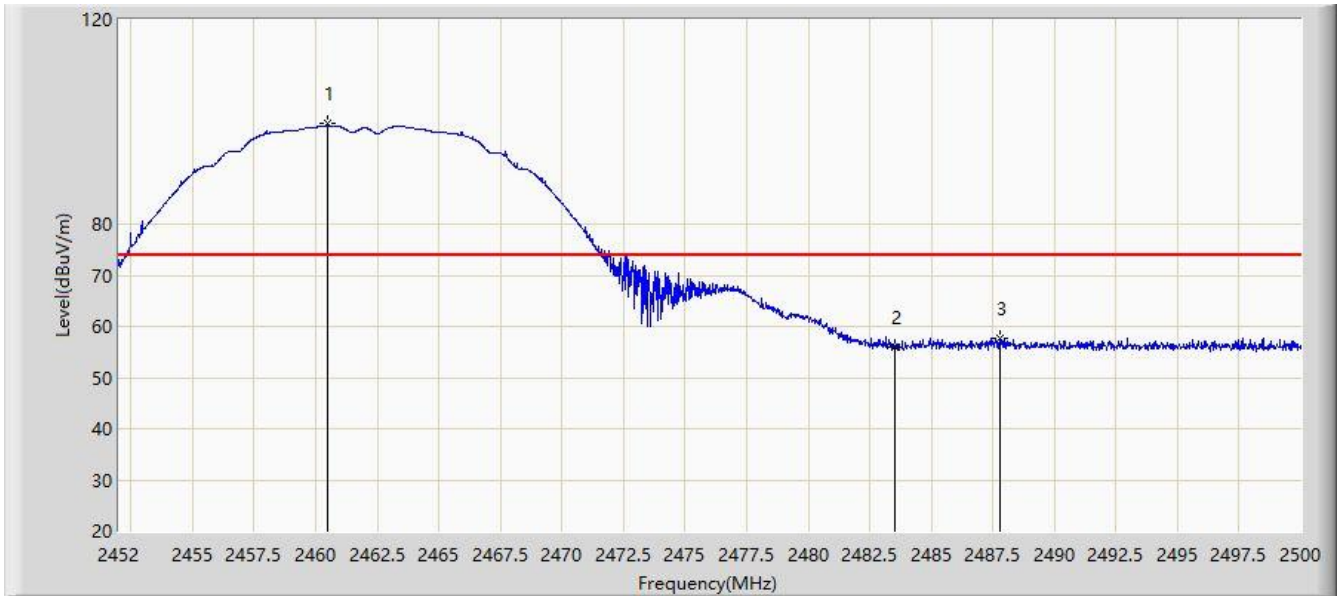


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2386.048	47.797	18.499	-6.203	54.000	29.298	AV
2			2390.000	45.016	15.721	-8.984	54.000	29.296	AV
3		*	2411.080	100.638	71.372	N/A	N/A	29.266	AV

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

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

Site: AC2	Time: 2020/06/28 - 13:06
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI+BT Combo Module	Power: By USB
Test Mode: Transmit by 802.11b at Channel 2462MHz	

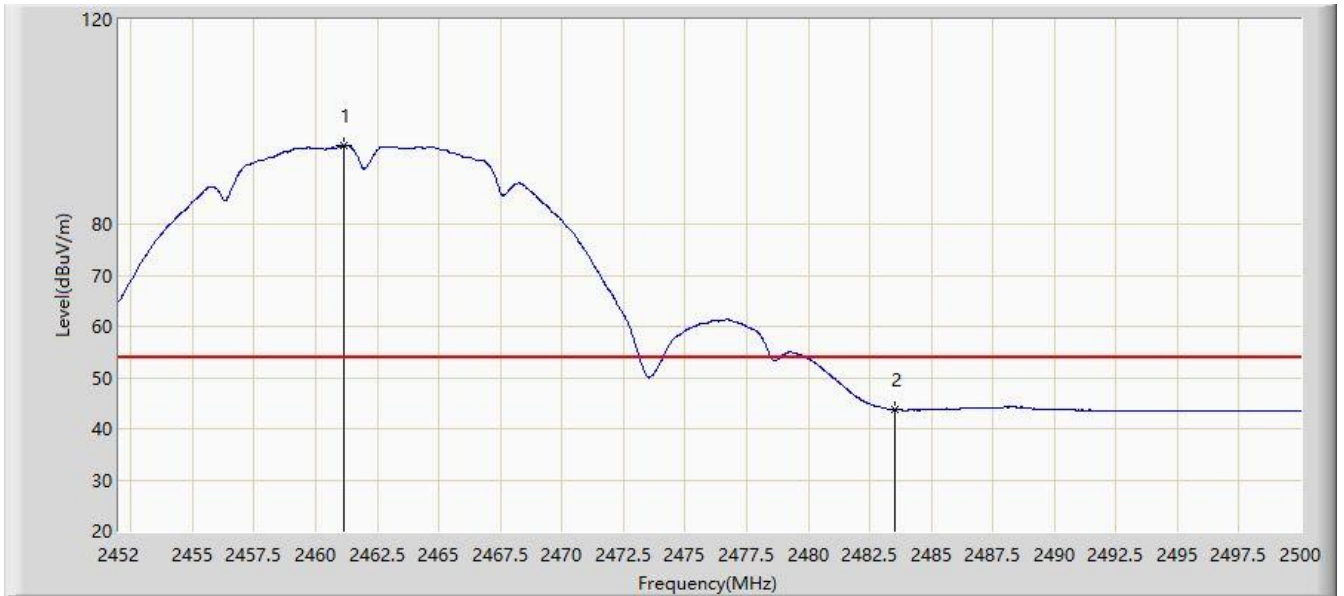


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2460.496	99.801	70.708	N/A	N/A	29.093	PK
2			2483.500	56.069	26.926	-17.931	74.000	29.143	PK
3			2487.808	57.788	28.640	-16.212	74.000	29.148	PK

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

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

Site: AC2	Time: 2020/06/28 - 13:08
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI+BT Combo Module	Power: By USB
Test Mode: Transmit by 802.11b at Channel 2462MHz	

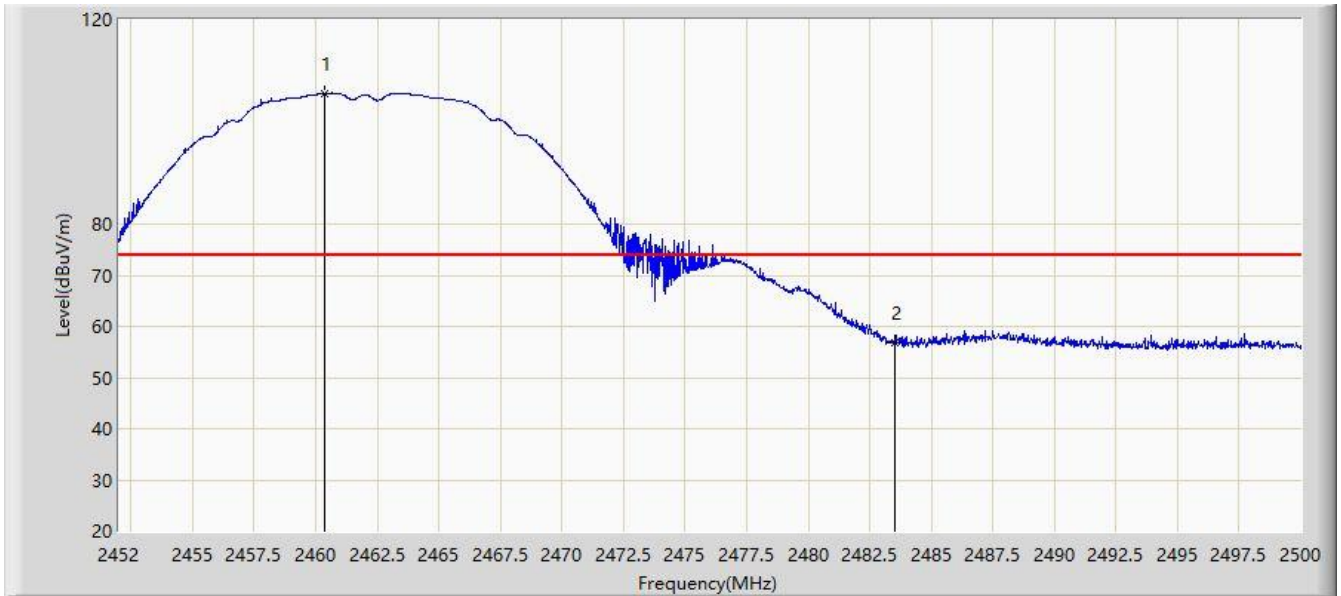


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2461.120	95.315	66.220	N/A	N/A	29.095	AV
2			2483.500	43.716	14.573	-10.284	54.000	29.143	AV

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

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

Site: AC2	Time: 2020/06/28 - 13:09
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI+BT Combo Module	Power: By USB
Test Mode: Transmit by 802.11b at Channel 2462MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2460.352	105.567	76.475	N/A	N/A	29.092	PK
2			2483.500	56.724	27.581	-17.276	74.000	29.143	PK

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

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

Site: AC2	Time: 2020/06/28 - 13:10
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI+BT Combo Module	Power: By USB
Test Mode: Transmit by 802.11b at Channel 2462MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2461.096	101.859	72.764	N/A	N/A	29.095	AV
2			2483.500	45.589	16.446	-8.411	54.000	29.143	AV

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

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

Site: AC2	Time: 2020/06/28 - 13:30
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI+BT Combo Module	Power: By USB
Test Mode: Transmit by 802.11g at Channel 2412MHz	

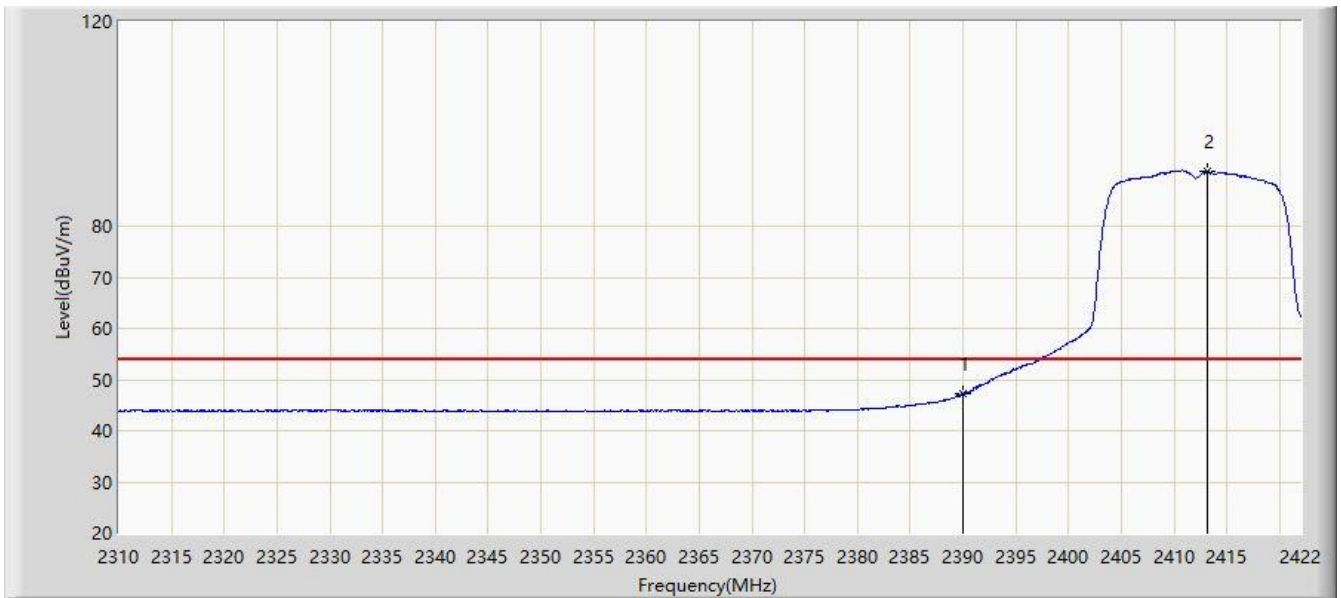


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2381.904	59.828	30.526	-14.172	74.000	29.302	PK
2			2390.000	64.143	34.848	-9.857	74.000	29.296	PK
3		*	2410.352	100.792	71.525	N/A	N/A	29.266	PK

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

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

Site: AC2	Time: 2020/06/28 - 13:31
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI+BT Combo Module	Power: By USB
Test Mode: Transmit by 802.11g at Channel 2412MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	47.316	18.021	-6.684	54.000	29.296	AV
2		*	2413.208	90.715	61.455	N/A	N/A	29.260	AV

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

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

Site: AC2	Time: 2020/06/28 - 13:27
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI+BT Combo Module	Power: By USB
Test Mode: Transmit by 802.11g at Channel 2412MHz	

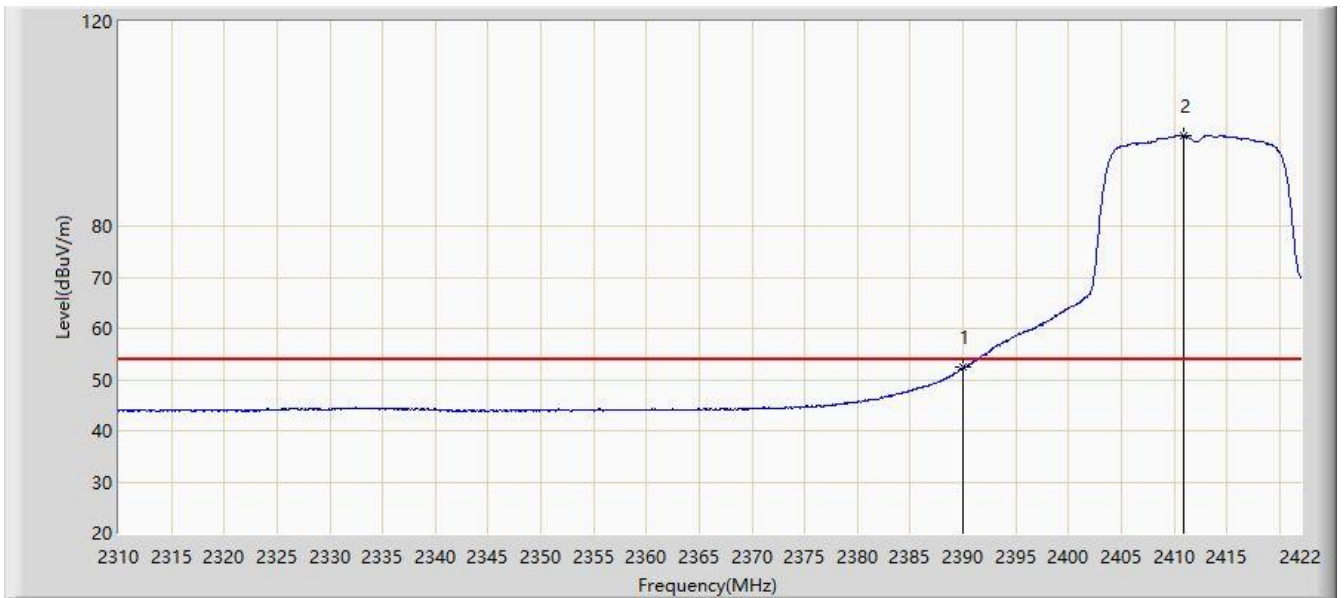


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2383.976	65.189	35.889	-8.811	74.000	29.300	PK
2			2390.000	69.732	40.437	-4.268	74.000	29.296	PK
3		*	2410.576	107.432	78.166	N/A	N/A	29.266	PK

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

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

Site: AC2	Time: 2020/06/28 - 13:29
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI+BT Combo Module	Power: By USB
Test Mode: Transmit by 802.11g at Channel 2412MHz	

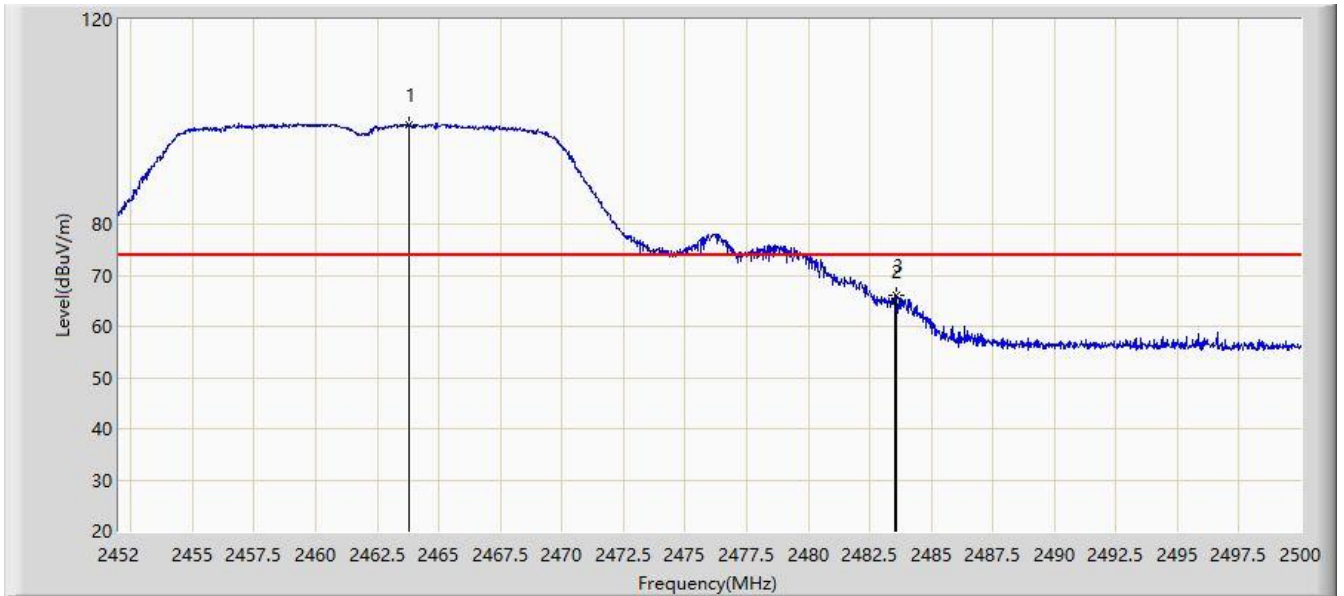


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	52.335	23.040	-1.665	54.000	29.296	AV
2		*	2410.968	97.637	68.371	N/A	N/A	29.266	AV

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

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

Site: AC2	Time: 2020/06/28 - 13:42
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI+BT Combo Module	Power: By USB
Test Mode: Transmit by 802.11g at Channel 2462MHz	

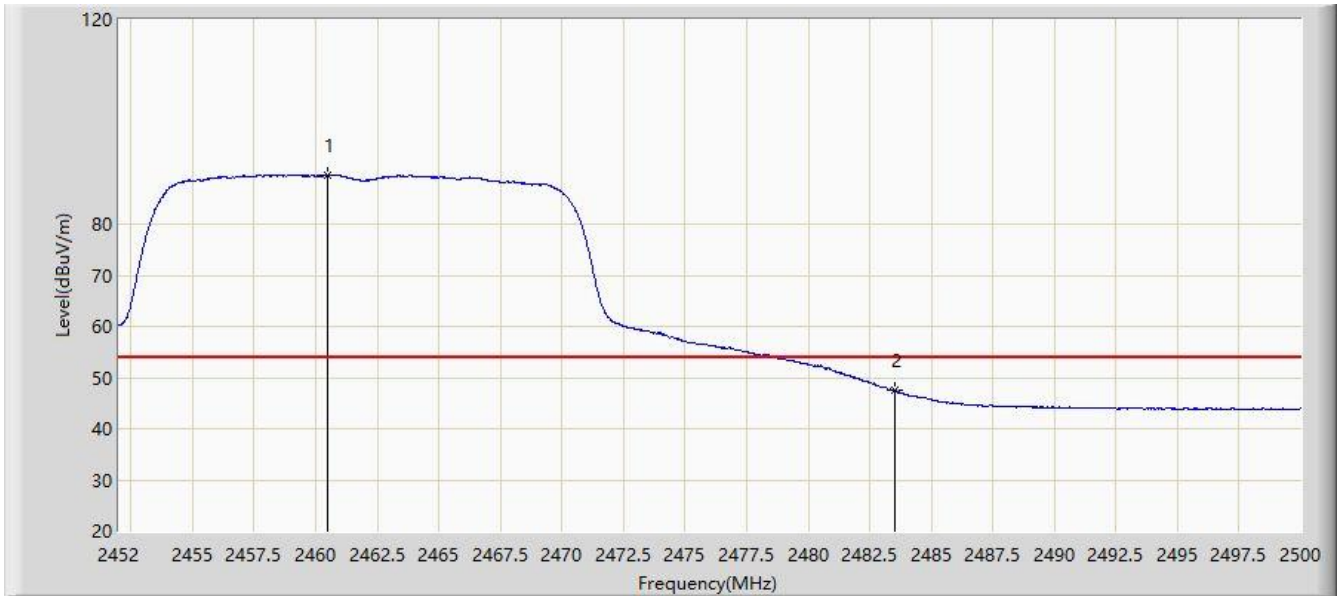


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2463.784	99.428	70.324	N/A	N/A	29.104	PK
2			2483.500	64.958	35.815	-9.042	74.000	29.143	PK
3			2483.560	66.213	37.070	-7.787	74.000	29.143	PK

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

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

Site: AC2	Time: 2020/06/28 - 13:43
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI+BT Combo Module	Power: By USB
Test Mode: Transmit by 802.11g at Channel 2462MHz	

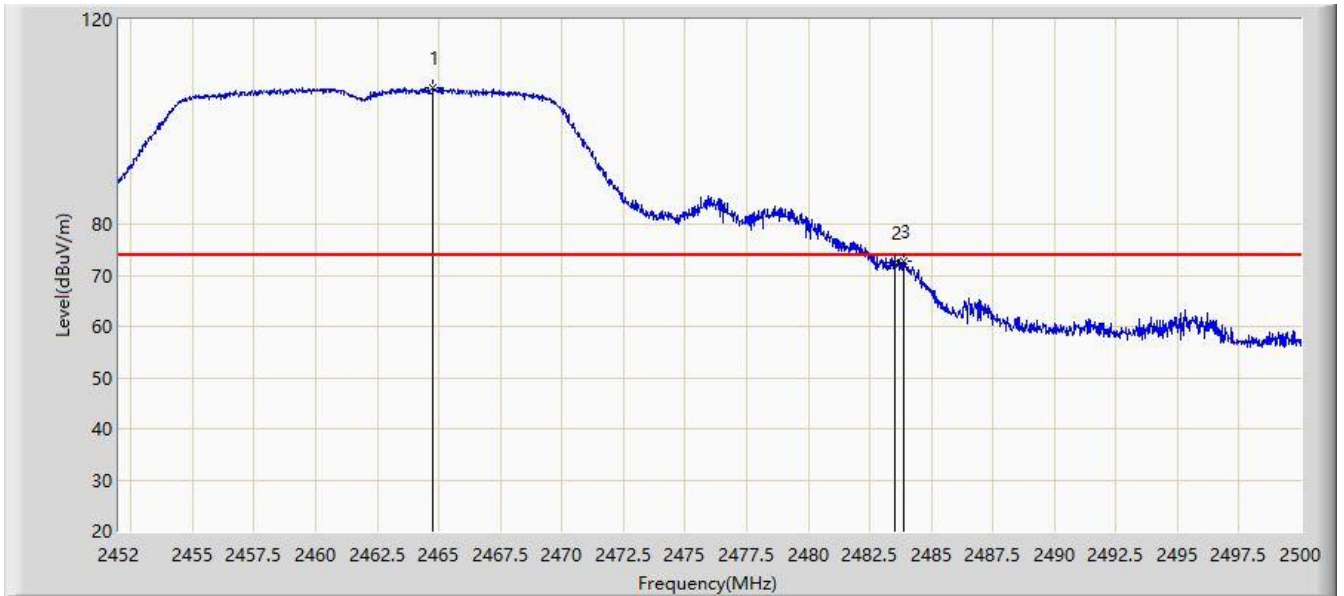


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2460.496	89.565	60.472	N/A	N/A	29.093	AV
2			2483.500	47.432	18.289	-6.568	54.000	29.143	AV

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

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

Site: AC2	Time: 2020/06/28 - 13:40
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI+BT Combo Module	Power: By USB
Test Mode: Transmit by 802.11g at Channel 2462MHz	

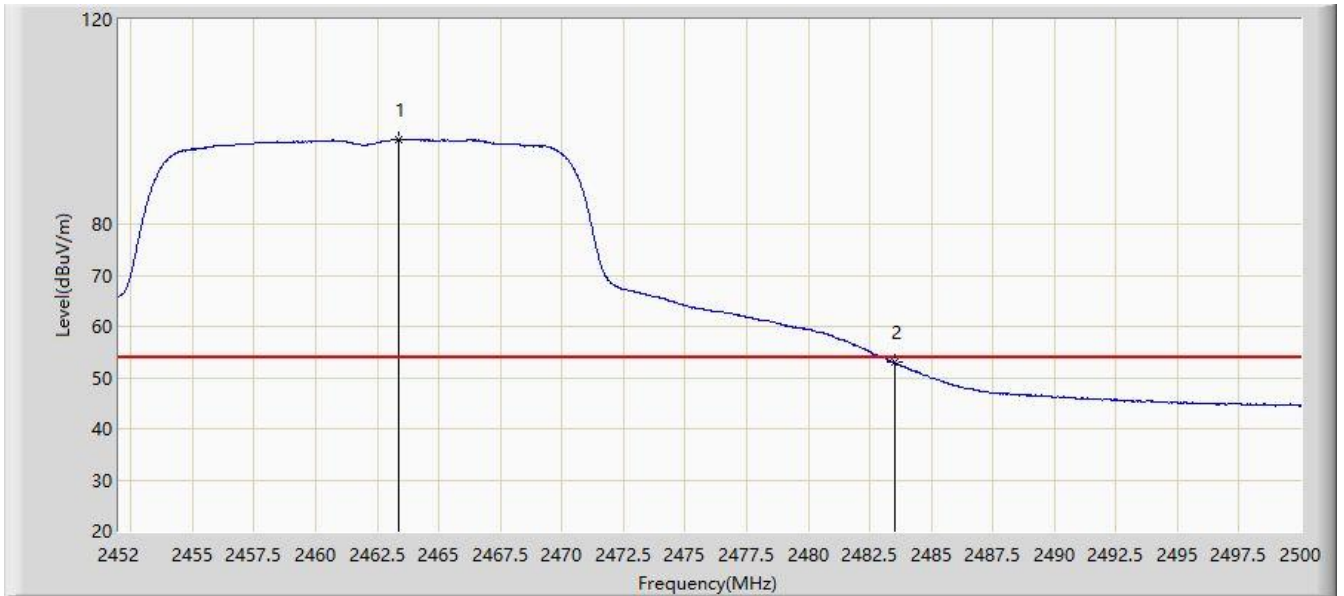


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2464.768	106.525	77.418	N/A	N/A	29.107	PK
2			2483.500	72.514	43.371	-1.486	74.000	29.143	PK
3			2483.872	72.882	43.738	-1.118	74.000	29.144	PK

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

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

Site: AC2	Time: 2020/06/28 - 13:40
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI+BT Combo Module	Power: By USB
Test Mode: Transmit by 802.11g at Channel 2462MHz	

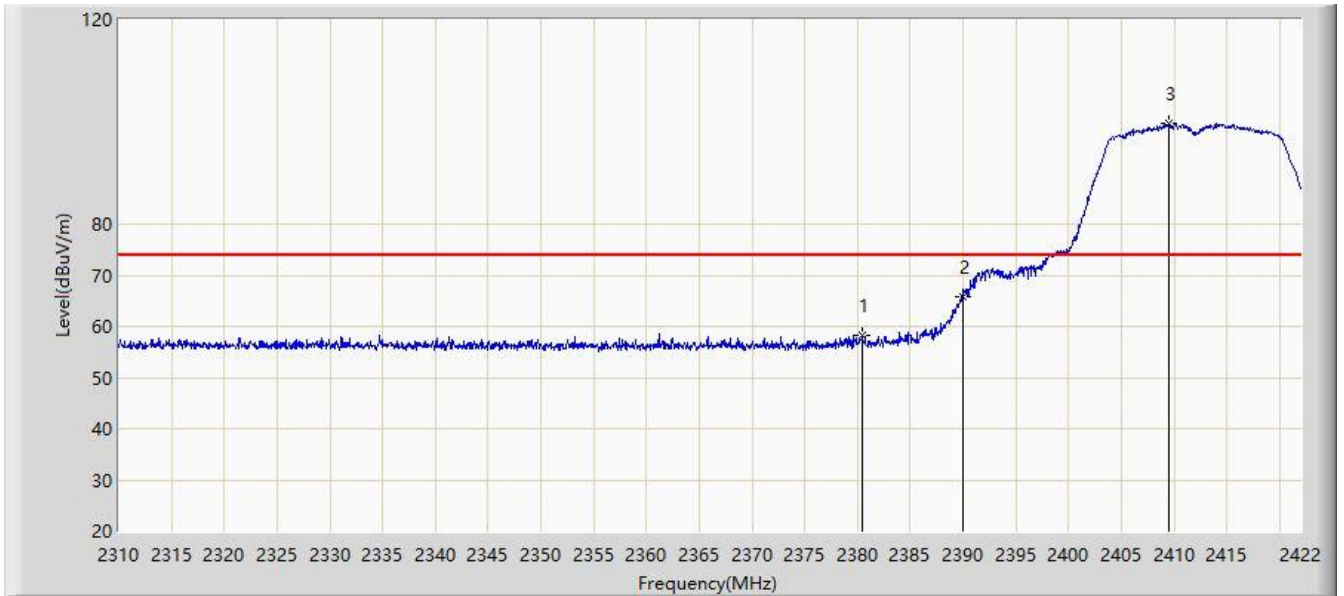


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2463.376	96.570	67.467	N/A	N/A	29.103	AV
2			2483.500	52.964	23.821	-1.036	54.000	29.143	AV

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

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

Site: AC2	Time: 2020/06/28 - 14:03
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI+BT Combo Module	Power: By USB
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz	

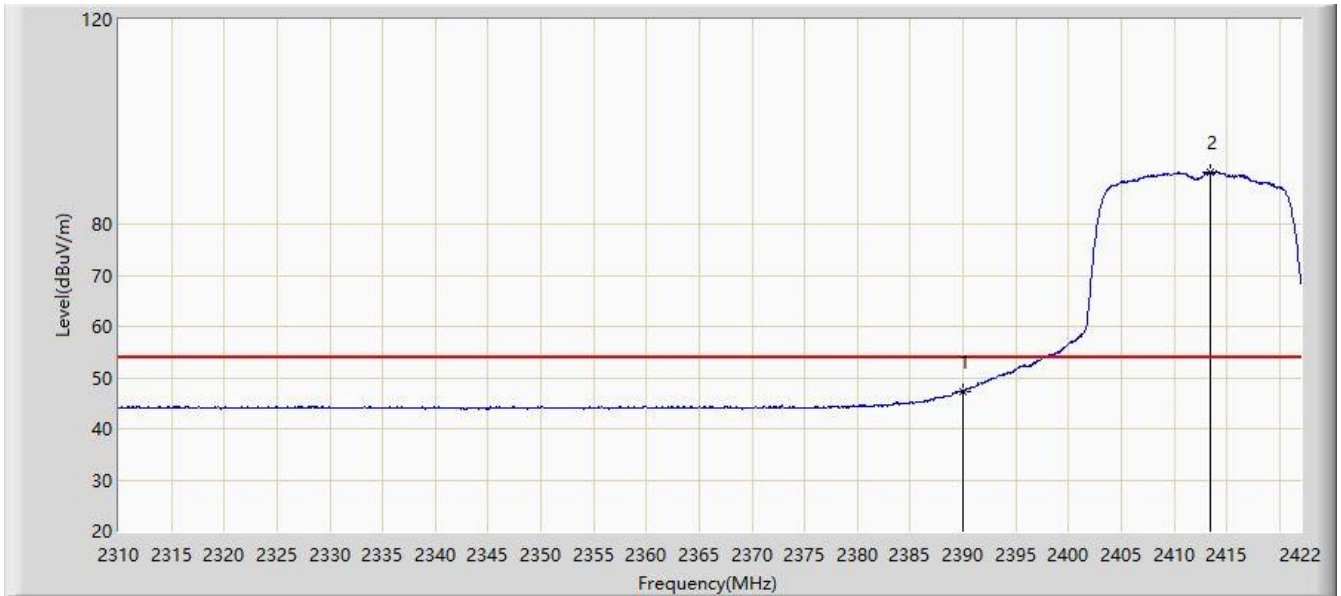


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2380.448	58.372	29.069	-15.628	74.000	29.303	PK
2			2390.000	65.658	36.363	-8.342	74.000	29.296	PK
3		*	2409.568	99.665	70.398	N/A	N/A	29.268	PK

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

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

Site: AC2	Time: 2020/06/28 - 14:04
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI+BT Combo Module	Power: By USB
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz	

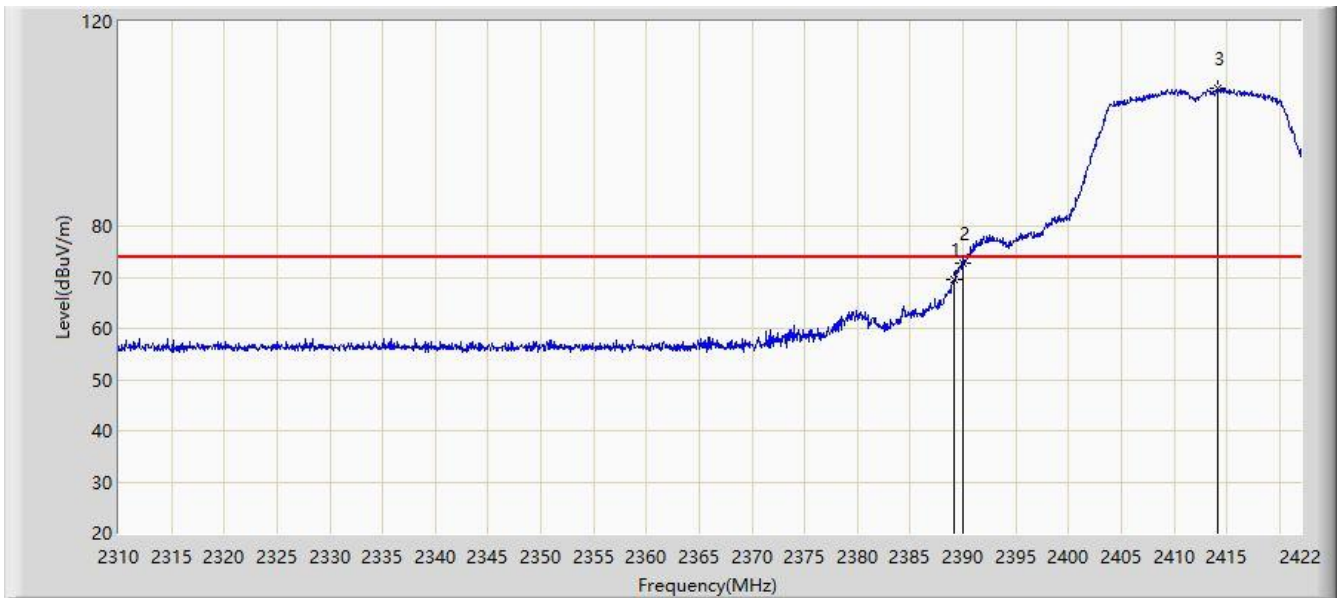


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	47.385	18.090	-6.615	54.000	29.296	AV
2		*	2413.376	90.094	60.835	N/A	N/A	29.259	AV

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

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

Site: AC2	Time: 2020/06/28 - 14:01
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI+BT Combo Module	Power: By USB
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz	

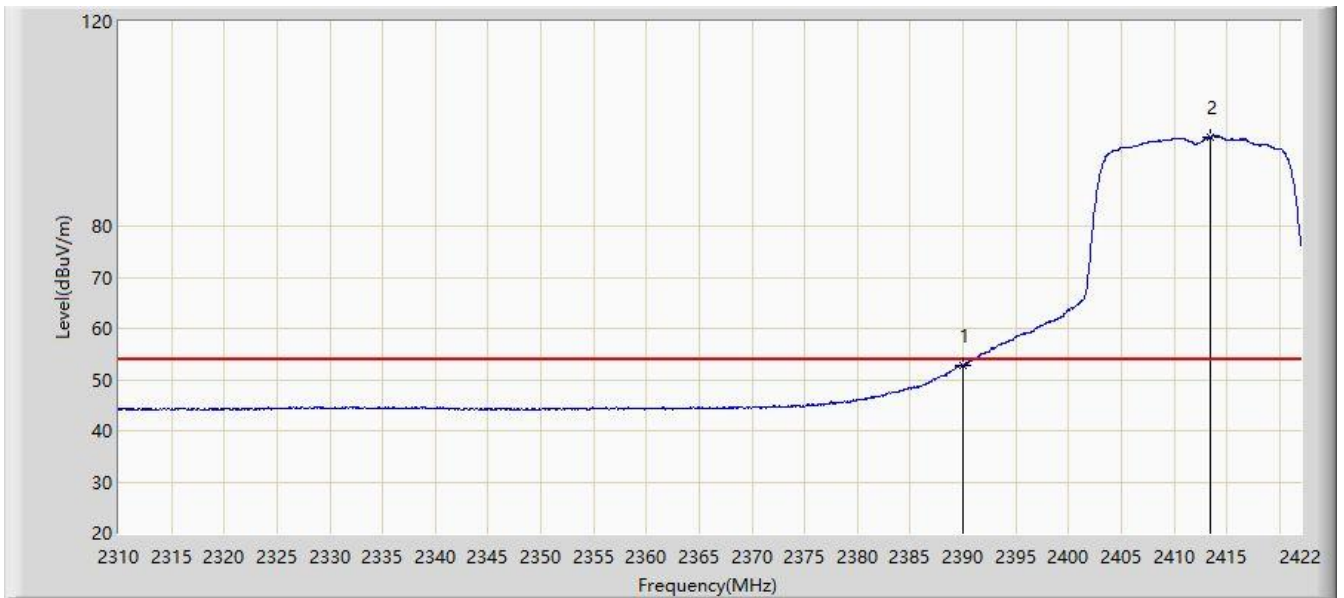


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.128	69.670	40.374	-4.330	74.000	29.296	PK
2			2390.000	72.675	43.380	-1.325	74.000	29.296	PK
3		*	2414.160	106.909	77.652	N/A	N/A	29.257	PK

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

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

Site: AC2	Time: 2020/06/28 - 14:01
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI+BT Combo Module	Power: By USB
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz	

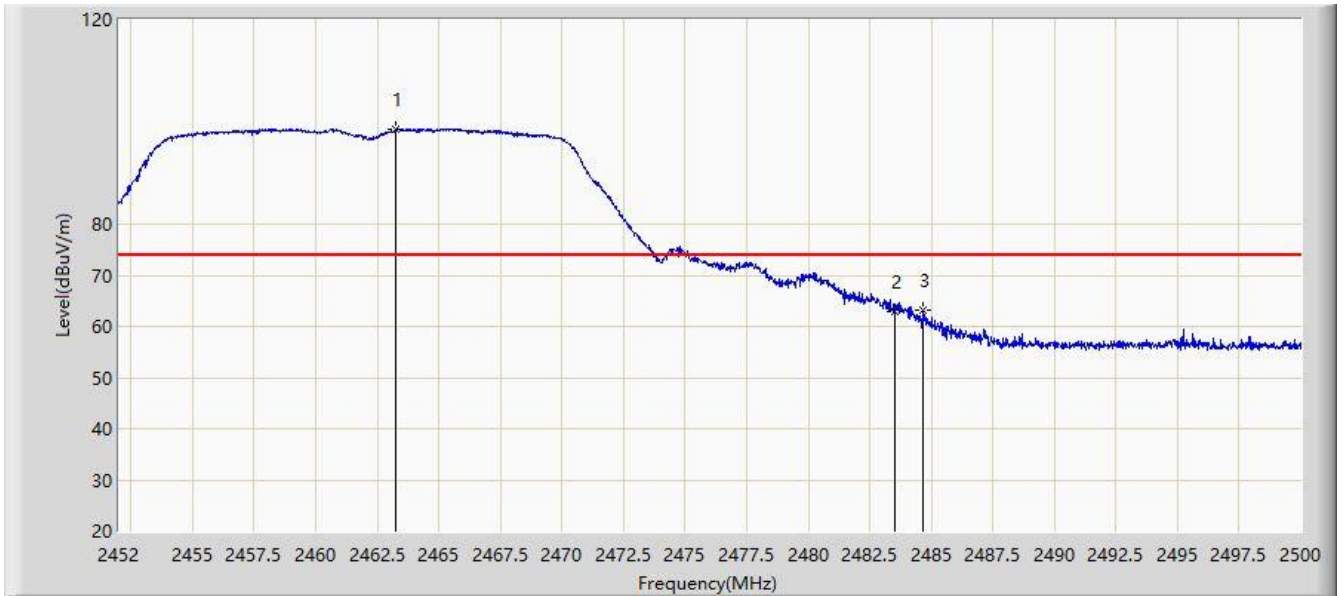


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	52.754	23.459	-1.246	54.000	29.296	AV
2		*	2413.488	97.510	68.251	N/A	N/A	29.259	AV

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

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

Site: AC2	Time: 2020/06/28 - 13:52
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI+BT Combo Module	Power: By USB
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz	

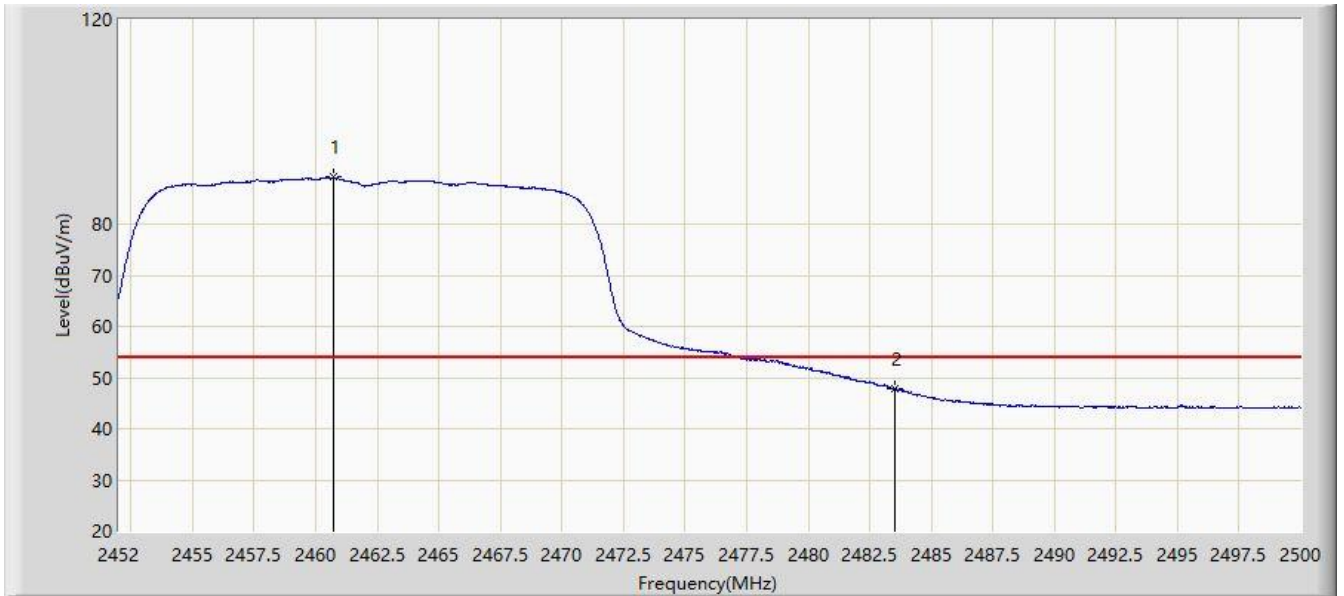


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2463.232	98.456	69.354	N/A	N/A	29.102	PK
2			2483.500	62.779	33.636	-11.221	74.000	29.143	PK
3			2484.640	63.184	34.039	-10.816	74.000	29.145	PK

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

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

Site: AC2	Time: 2020/06/28 - 13:53
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI+BT Combo Module	Power: By USB
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz	

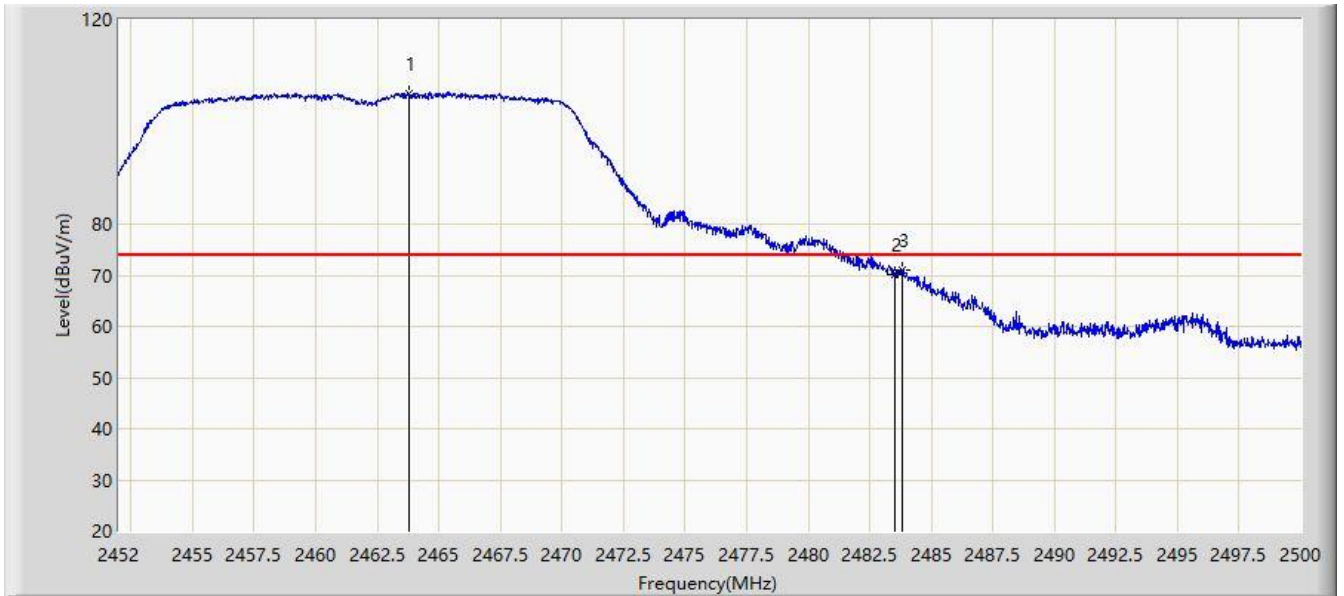


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2460.712	89.140	60.047	N/A	N/A	29.093	AV
2			2483.500	47.815	18.672	-6.185	54.000	29.143	AV

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

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

Site: AC2	Time: 2020/06/28 - 13:48
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI+BT Combo Module	Power: By USB
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz	

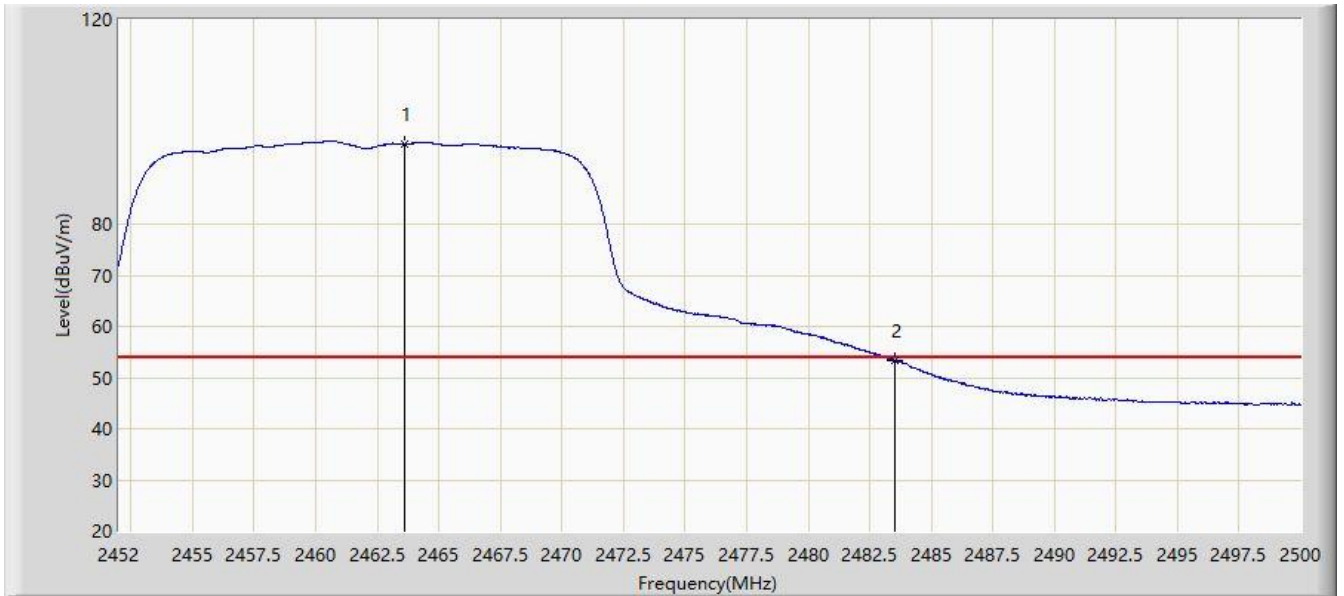


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2463.784	105.597	76.493	N/A	N/A	29.104	PK
2			2483.500	70.091	40.948	-3.909	74.000	29.143	PK
3			2483.848	71.100	41.956	-2.900	74.000	29.144	PK

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

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

Site: AC2	Time: 2020/06/28 - 13:49
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI+BT Combo Module	Power: By USB
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz	

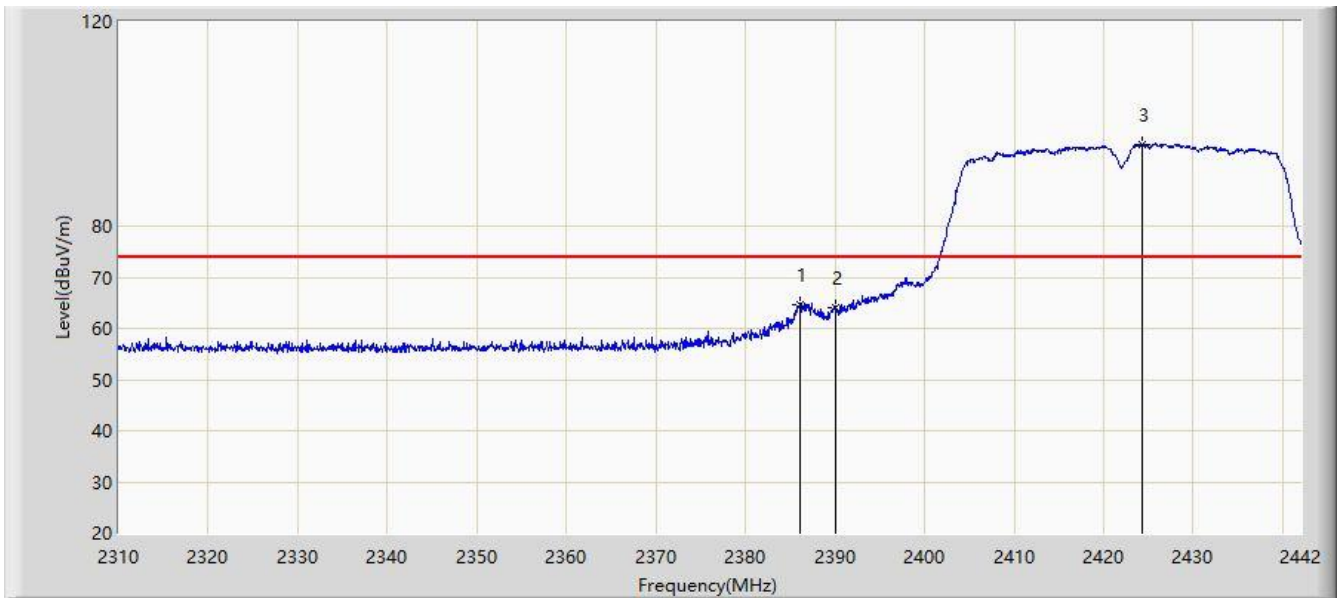


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2463.592	95.640	66.537	N/A	N/A	29.103	AV
2			2483.500	53.409	24.266	-0.591	54.000	29.143	AV

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

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

Site: AC2	Time: 2020/06/28 - 14:15
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI+BT Combo Module	Power: By USB
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz	

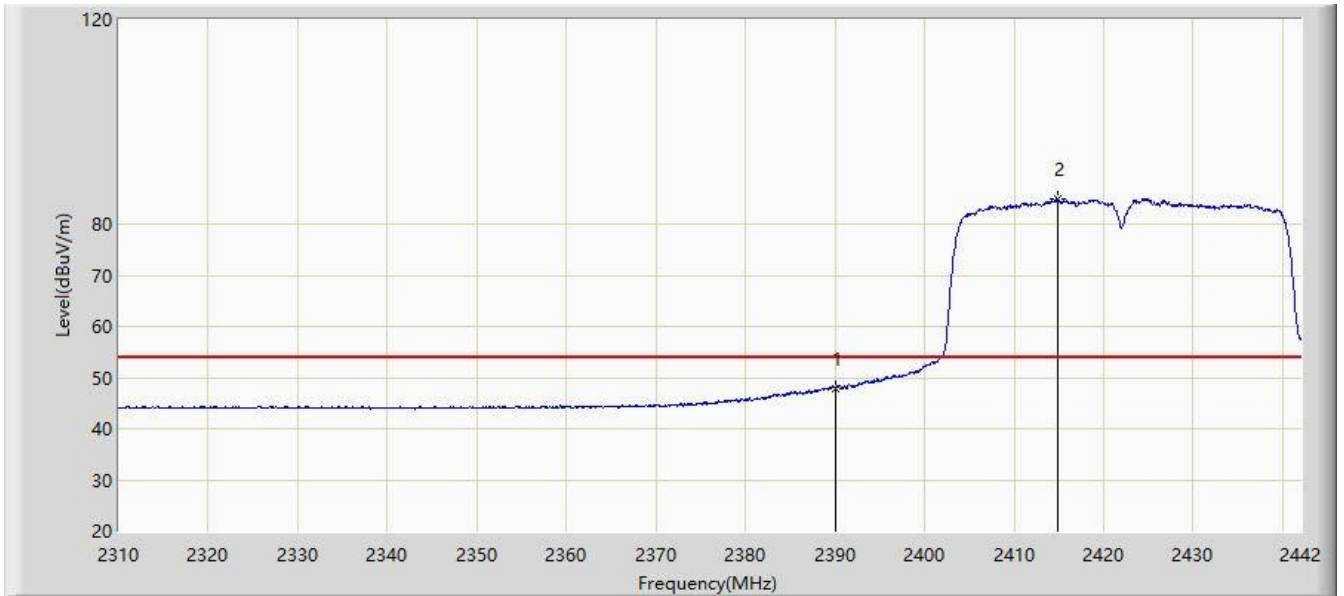


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2386.098	64.662	35.364	-9.338	74.000	29.298	PK
2			2390.000	64.151	34.856	-9.849	74.000	29.296	PK
3		*	2424.246	96.041	66.784	N/A	N/A	29.258	PK

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

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

Site: AC2	Time: 2020/06/28 - 14:16
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI+BT Combo Module	Power: By USB
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz	

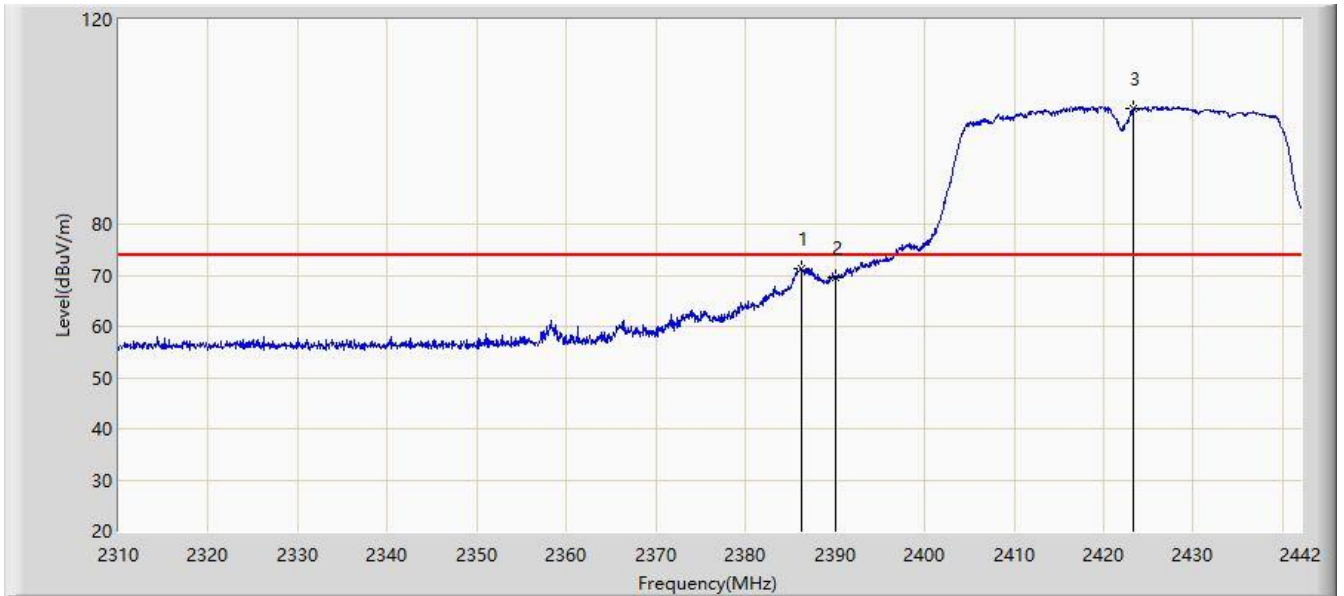


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	47.909	18.614	-6.091	54.000	29.296	AV
2		*	2414.940	84.806	55.551	N/A	N/A	29.254	AV

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

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

Site: AC2	Time: 2020/06/28 - 14:13
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI+BT Combo Module	Power: By USB
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz	

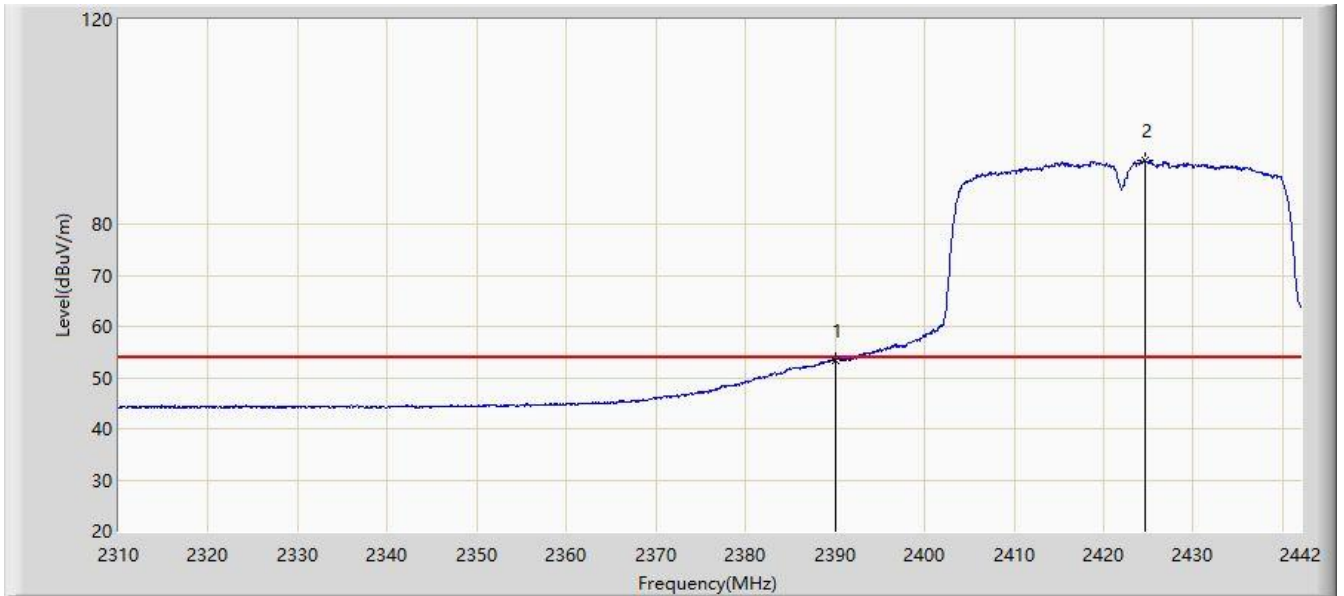


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2386.230	71.405	42.107	-2.595	74.000	29.298	PK
2			2390.000	69.675	40.380	-4.325	74.000	29.296	PK
3		*	2423.322	102.739	73.482	N/A	N/A	29.257	PK

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

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

Site: AC2	Time: 2020/06/28 - 14:13
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI+BT Combo Module	Power: By USB
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz	

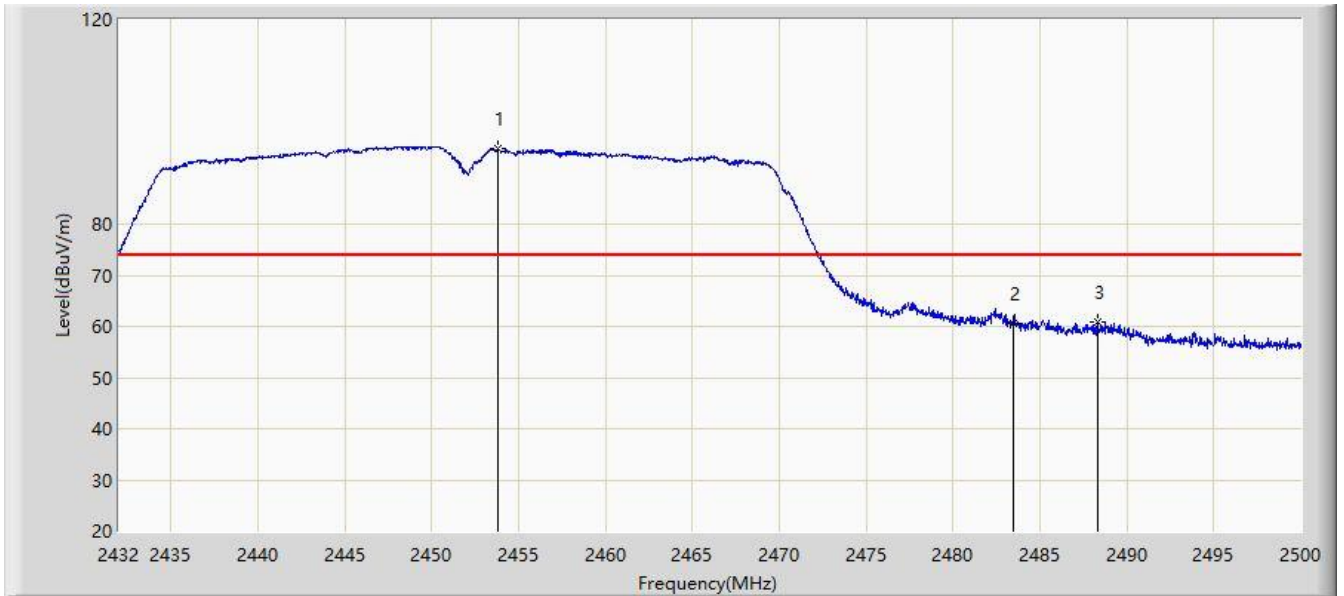


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	53.437	24.142	-0.563	54.000	29.296	AV
2		*	2424.576	92.585	63.327	N/A	N/A	29.258	AV

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

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

Site: AC2	Time: 2020/06/28 - 14:31
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI+BT Combo Module	Power: By USB
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz	

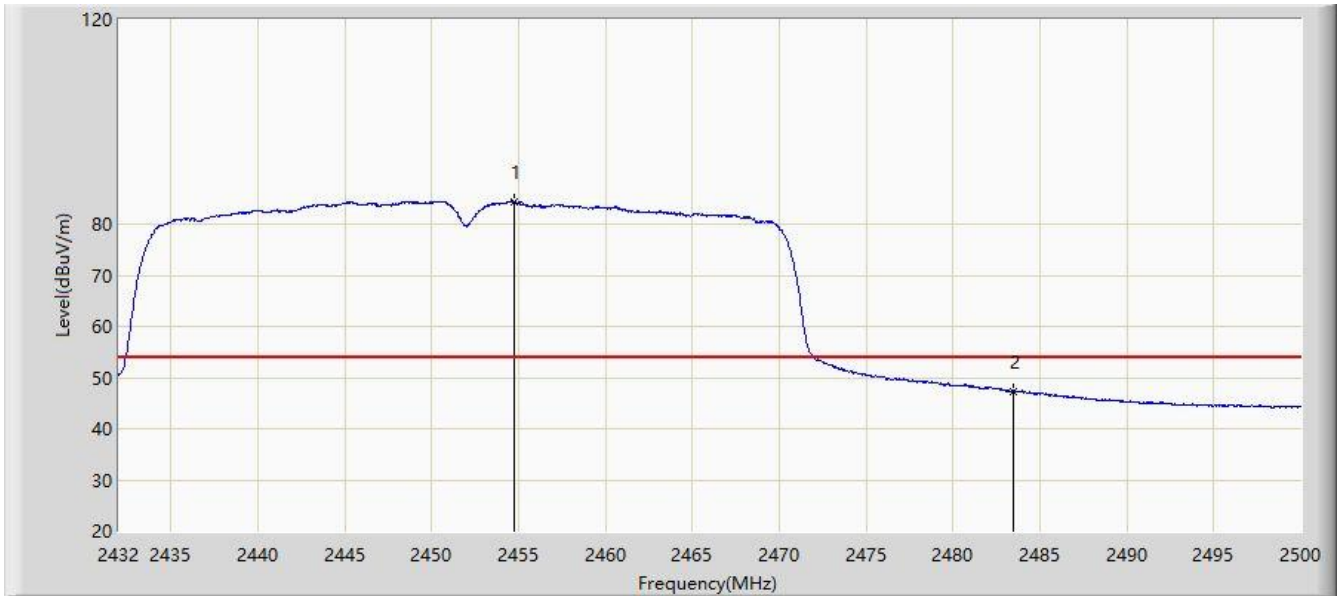


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2453.794	94.786	65.717	N/A	N/A	29.069	PK
2			2483.500	60.645	31.502	-13.355	74.000	29.143	PK
3			2488.304	60.825	31.678	-13.175	74.000	29.147	PK

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

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

Site: AC2	Time: 2020/06/28 - 14:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI+BT Combo Module	Power: By USB
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz	

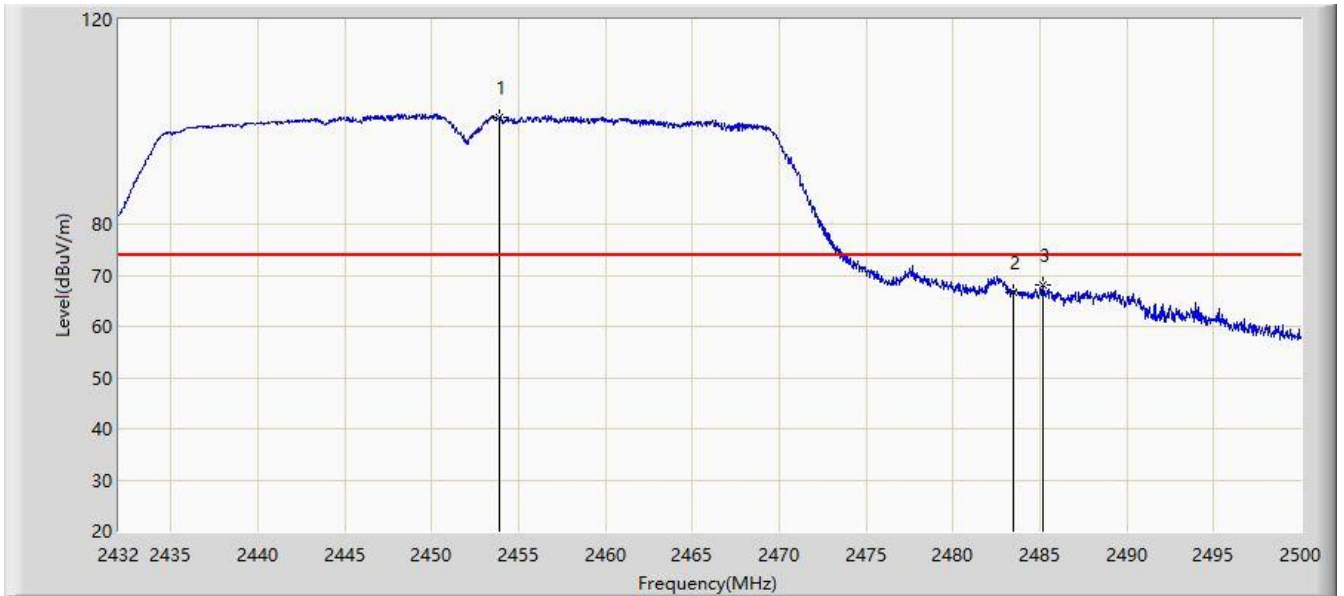


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2454.780	84.467	55.394	N/A	N/A	29.073	AV
2			2483.500	47.381	18.238	-6.619	54.000	29.143	AV

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

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

Site: AC2	Time: 2020/06/28 - 14:29
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI+BT Combo Module	Power: By USB
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz	

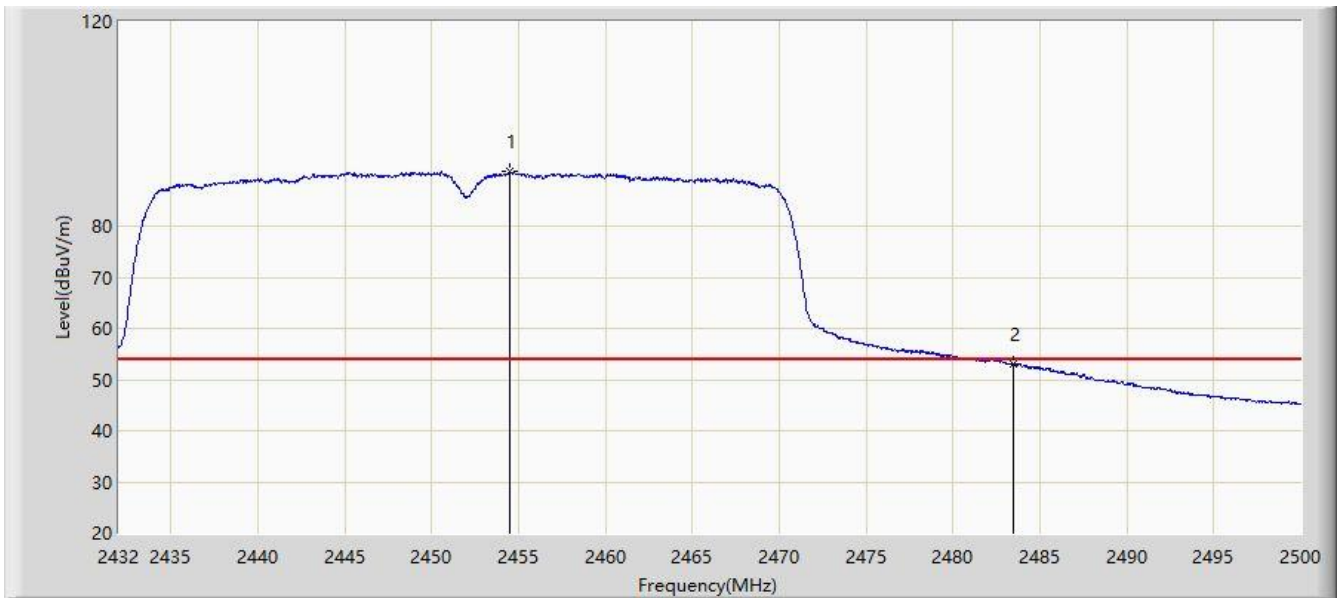


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2453.896	100.963	71.893	N/A	N/A	29.070	PK
2			2483.500	66.619	37.476	-7.381	74.000	29.143	PK
3			2485.210	68.010	38.864	-5.990	74.000	29.146	PK

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

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

Site: AC2	Time: 2020/06/28 - 14:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI+BT Combo Module	Power: By USB
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2454.508	90.669	61.597	N/A	N/A	29.072	AV
2			2483.500	52.996	23.853	-1.004	54.000	29.143	AV

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

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

6.8. AC Conducted Emissions Measurement

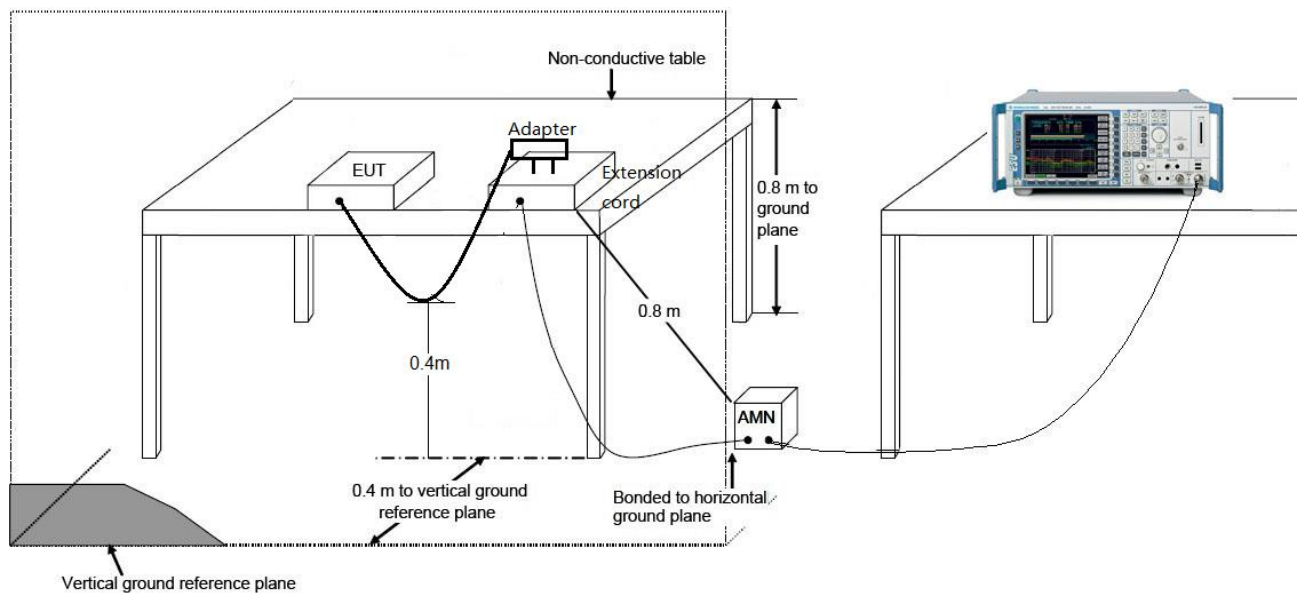
6.8.1. Test Limit

FCC Part 15 Subpart C Paragraph 15.207 Limits		
Frequency (MHz)	QP (dBuV)	AV (dBuV)
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.

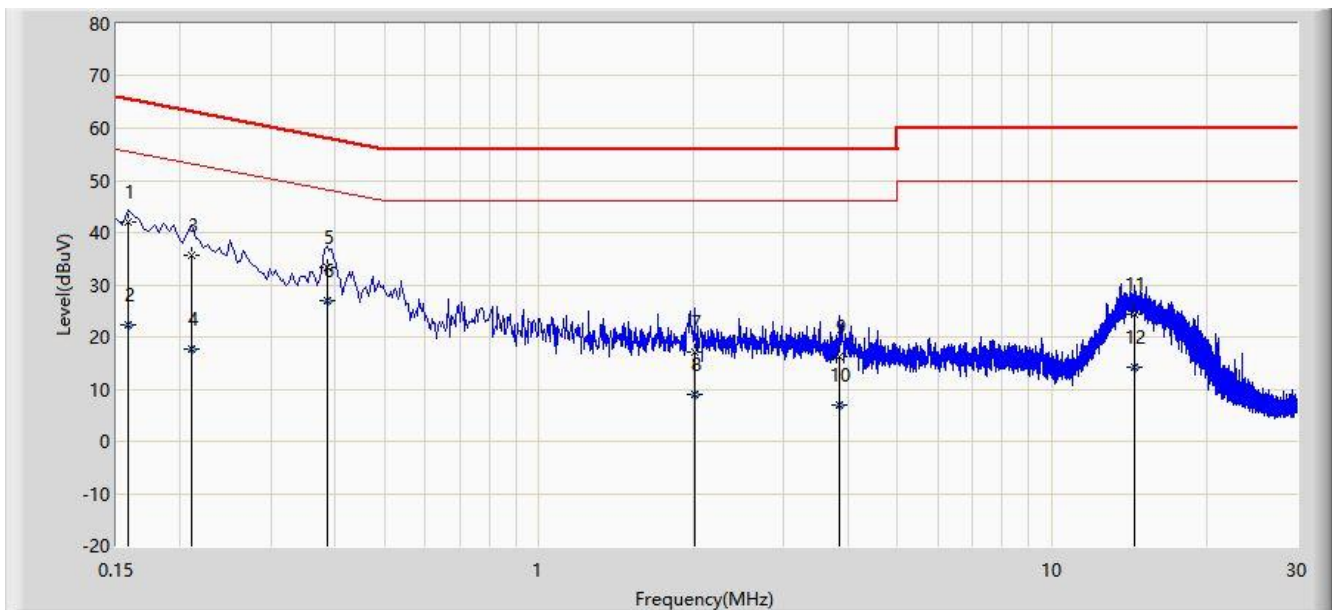
Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

6.8.2. Test Setup



6.8.3. Test Result

Site: SR2	Time: 2020/08/19 - 16:41
Limit: FCC_Part15.207_CE_AC Power	Engineer: Dillon Diao
Probe: ENV216_101683_Filter On	Polarity: Line
EUT: WIFI+BT Combo Module	Power: By USB
Test Mode 1	

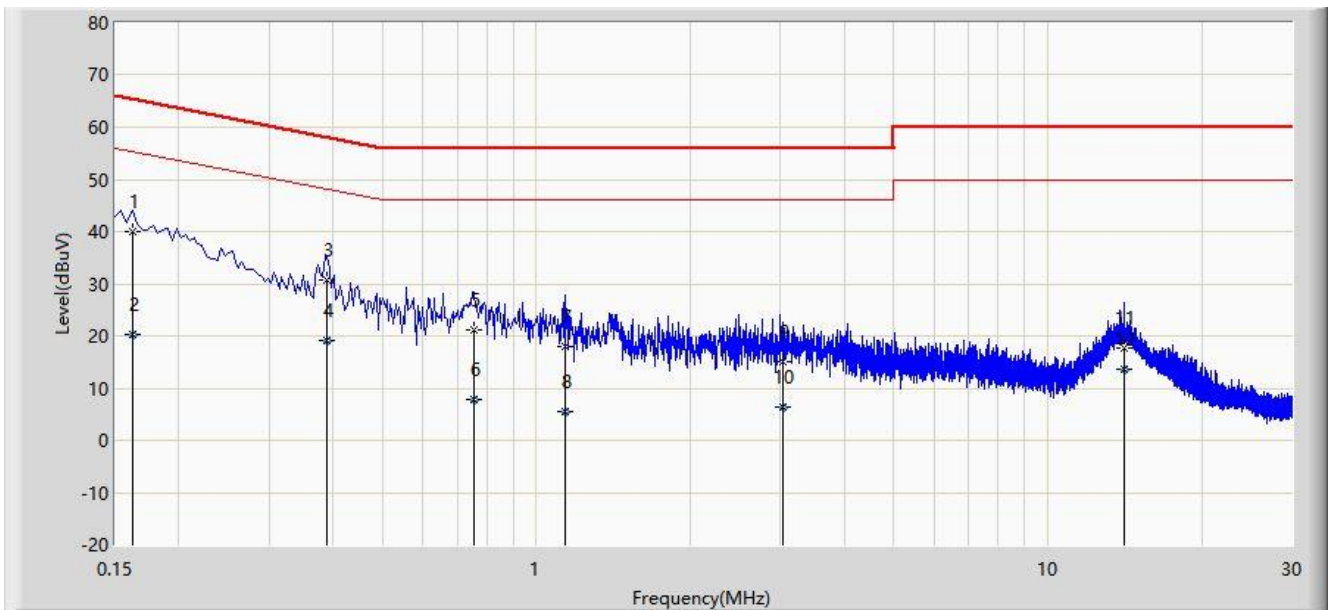


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV)	Factor (dB)	Type
1			0.158	42.009	32.391	-23.560	65.568	9.617	QP
2			0.158	22.368	12.751	-33.200	55.568	9.617	AV
3			0.210	35.788	26.146	-27.418	63.205	9.641	QP
4			0.210	17.800	8.159	-35.405	53.205	9.641	AV
5			0.386	33.417	23.741	-24.733	58.149	9.676	QP
6		*	0.386	26.957	17.282	-21.192	48.149	9.676	AV
7			2.010	17.077	7.315	-38.923	56.000	9.762	QP
8			2.010	8.848	-0.914	-37.152	46.000	9.762	AV
9			3.846	16.169	6.345	-39.831	56.000	9.824	QP
10			3.846	6.824	-3.000	-39.176	46.000	9.824	AV
11			14.454	24.338	14.169	-35.662	60.000	10.169	QP
12			14.454	14.202	4.033	-35.798	50.000	10.169	AV

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

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

Site: SR2	Time: 2020/08/19 - 16:46
Limit: FCC_Part15.207_CE_AC Power	Engineer: Dillon Diao
Probe: ENV216_101683_Filter On	Polarity: Neutral
EUT: WIFI+BT Combo Module	Power: By USB
Test Mode 1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV)	Factor (dB)	Type
1		*	0.162	39.895	30.286	-25.465	65.361	9.609	QP
2			0.162	20.262	10.653	-35.099	55.361	9.609	AV
3			0.390	30.783	21.117	-27.280	58.064	9.666	QP
4			0.390	18.987	9.321	-29.077	48.064	9.666	AV
5			0.754	21.106	11.386	-34.894	56.000	9.720	QP
6			0.754	7.798	-1.921	-38.202	46.000	9.720	AV
7			1.138	17.884	8.140	-38.116	56.000	9.744	QP
8			1.138	5.631	-4.113	-40.369	46.000	9.744	AV
9			3.042	15.129	5.336	-40.871	56.000	9.793	QP
10			3.042	6.265	-3.528	-39.735	46.000	9.793	AV
11			14.134	17.618	7.451	-42.382	60.000	10.167	QP
12			14.134	13.552	3.385	-36.448	50.000	10.167	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 device 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.