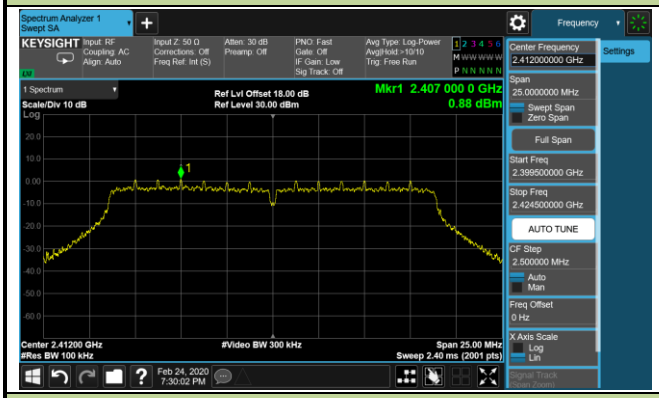
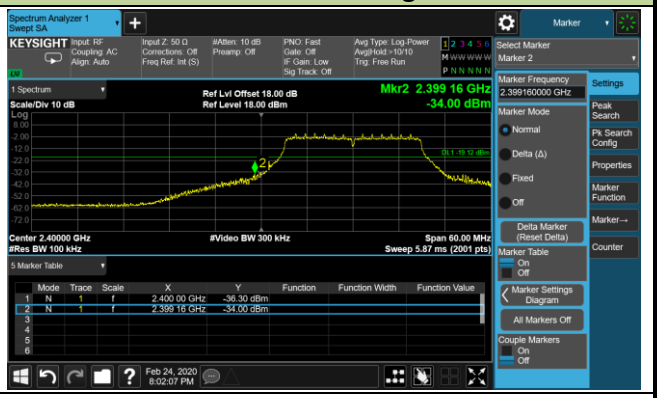
802.11n-HT20 Out-of-Band Emissions

Channel 01 (2412MHz)

100kHz PSD Reference Level



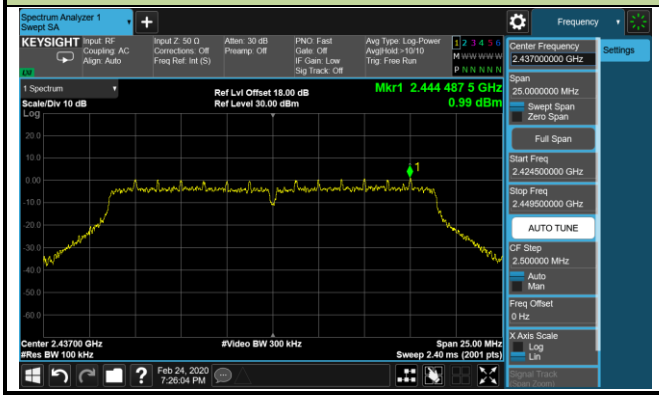
Low Band Edge



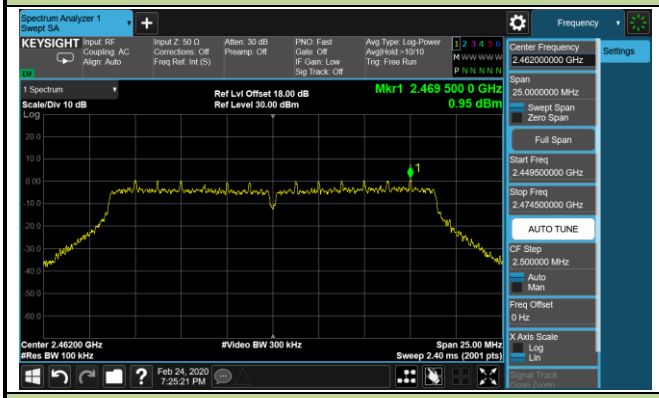
Spurious Emission

Channel 06 (2437MHz)

100kHz PSD Reference Level



Spurious Emission

802.11n-HT20 Out-of-Band Emissions	
Channel 11 (2462MHz)	
100kHz PSD Reference Level	High Band Edge
	
Spurious Emission	
	

7.6. Radiated Spurious Emission Measurement

7.6.1.Test Limit

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

FCC Part 15 Subpart C Paragraph 15.209 & RSS-247 Paragraph 5.5		
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

7.6.2.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)

7.6.3.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
> 1000MHz	1MHz

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)

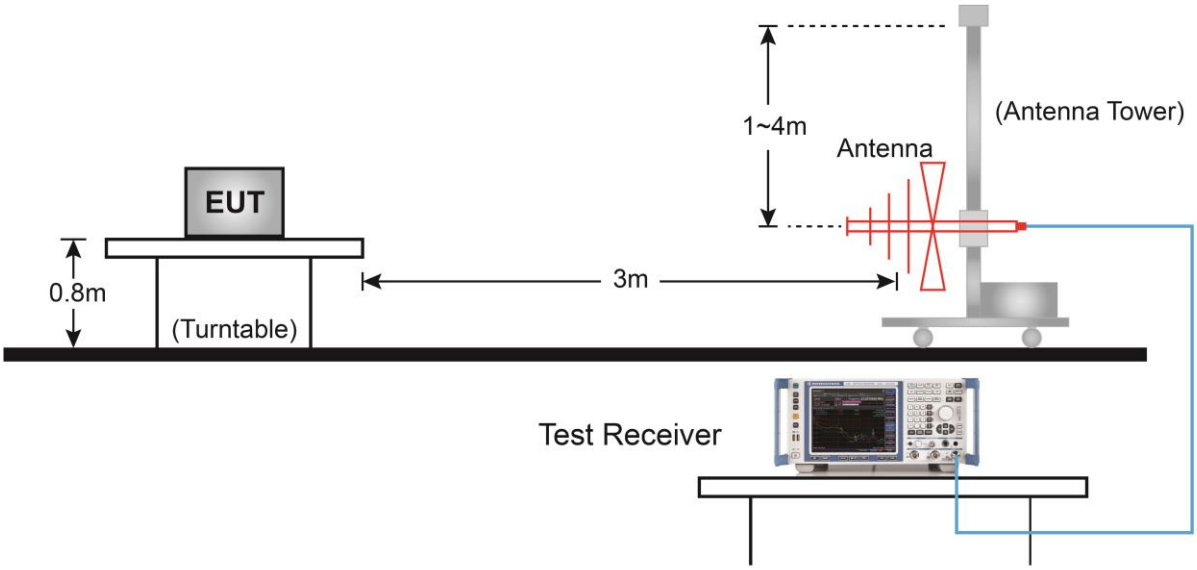
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW; If the EUT is configured to transmit with duty cycle ≥ 98%, set VBW = 10 Hz.

If the EUT duty cycle is < 98%, set VBW ≥ 1/T. T is the minimum transmission duration.

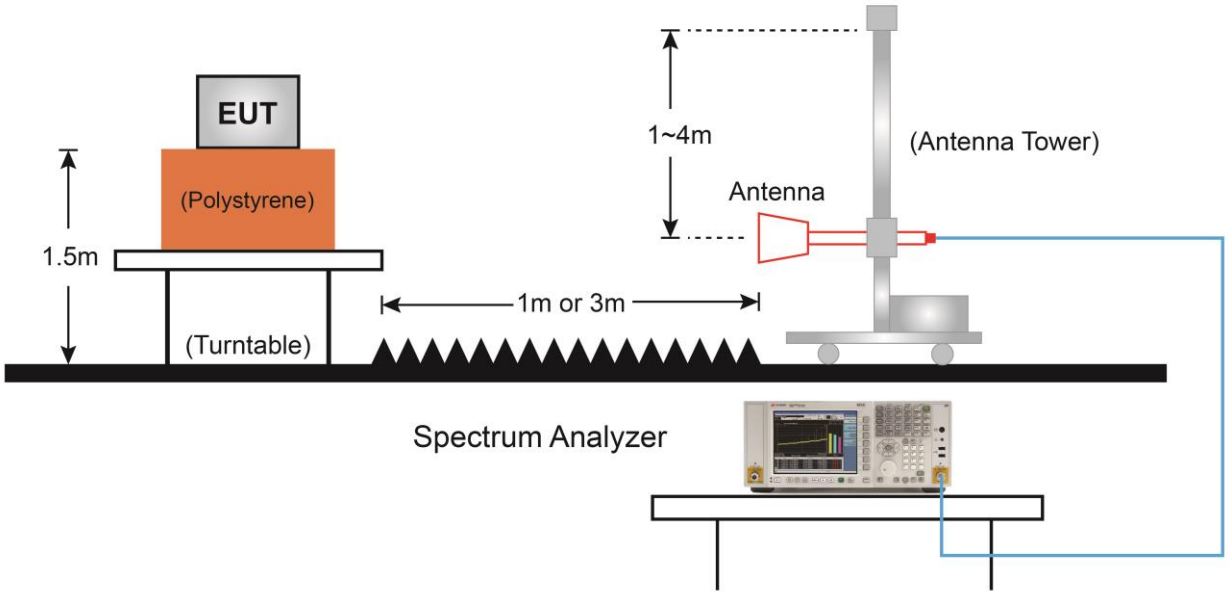
4. Detector = Peak
5. Sweep time = auto
6. Trace mode = max hold
7. Trace was allowed to stabilize

7.6.4.Test Setup

Below 1GHz Test Setup:



Above 1GHz Test Setup:



7.6.5.Test Result

Product	Mobile Computer	Temperature	25°C
Test Engineer	Kyrie Xie	Relative Humidity	54%
Test Site	AC2	Test Date	2020/02/23
Test Mode:	802.11b	Test Channel:	01
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
	4238.5	41.2	2.0	43.2	74.0	-30.8	Peak	Horizontal
	4825.0	40.6	4.0	44.6	74.0	-29.4	Peak	Horizontal
*	6083.0	37.5	7.0	44.5	82.6	-38.1	Peak	Horizontal
*	6856.5	36.0	9.9	45.9	82.6	-36.7	Peak	Horizontal
	4281.0	41.6	2.4	44.0	74.0	-30.0	Peak	Vertical
	4765.5	39.3	4.0	43.3	74.0	-30.7	Peak	Vertical
*	5904.5	38.6	6.1	44.7	82.6	-37.9	Peak	Vertical
*	6576.0	36.3	9.2	45.5	82.6	-37.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 20dBc of the fundamental emission level (102.6dBμV/m) or FCC 15.209 which is higher.

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	Mobile Computer	Temperature	25°C
Test Engineer	Kyrie Xie	Relative Humidity	54%
Test Site	AC2	Test Date	2020/02/23
Test Mode:	802.11b	Test Channel:	06
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
	4145.0	39.9	2.1	42.0	74.0	-32.0	Peak	Horizontal
	4876.0	41.9	3.7	45.6	74.0	-28.4	Peak	Horizontal
*	6219.0	37.7	7.2	44.9	82.3	-37.4	Peak	Horizontal
*	6967.0	35.0	10.5	45.5	82.3	-36.8	Peak	Horizontal
	4238.5	40.4	2.0	42.4	74.0	-31.6	Peak	Vertical
	4986.5	39.9	4.0	43.9	74.0	-30.1	Peak	Vertical
*	5921.5	39.0	6.1	45.1	82.3	-37.2	Peak	Vertical
*	6669.5	36.1	9.1	45.2	82.3	-37.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 20dBc of the fundamental emission level (102.3dBμV/m) or FCC 15.209 which is higher.

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	Mobile Computer	Temperature	25°C
Test Engineer	Kyrie Xie	Relative Humidity	54%
Test Site	AC2	Test Date	2020/02/23
Test Mode:	802.11b	Test Channel:	11
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
	4187.5	40.3	2.0	42.3	74.0	-31.7	Peak	Horizontal
	4910.0	38.8	4.2	43.0	74.0	-31.0	Peak	Horizontal
*	5955.5	38.4	6.0	44.4	81.7	-37.3	Peak	Horizontal
*	7009.5	35.6	10.6	46.2	81.7	-35.5	Peak	Horizontal
	4298.0	40.4	2.5	42.9	74.0	-31.1	Peak	Vertical
	4910.0	39.9	4.2	44.1	74.0	-29.9	Peak	Vertical
*	5947.0	39.0	6.1	45.1	81.7	-36.6	Peak	Vertical
*	7052.0	34.4	11.3	45.7	81.7	-36.0	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 20dBc of the fundamental emission level (101.7dBμV/m) or FCC 15.209 which is higher.

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	Mobile Computer	Temperature	25°C
Test Engineer	Kyrie Xie	Relative Humidity	54%
Test Site	AC2	Test Date	2020/02/23
Test Mode:	802.11g	Test Channel:	01
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
	4247.0	39.7	2.0	41.7	74.0	-32.3	Peak	Horizontal
	4893.0	38.9	4.1	43.0	74.0	-31.0	Peak	Horizontal
*	6108.5	38.2	6.9	45.1	82.9	-37.8	Peak	Horizontal
*	7035.0	34.8	11.1	45.9	82.9	-37.0	Peak	Horizontal
	4196.0	41.5	2.1	43.6	74.0	-30.4	Peak	Vertical
	4901.5	39.9	4.1	44.0	74.0	-30.0	Peak	Vertical
*	6117.0	38.0	7.0	45.0	82.9	-37.9	Peak	Vertical
*	6440.0	37.1	8.3	45.4	82.9	-37.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 20dBc of the fundamental emission level (102.9dBμV/m) or FCC 15.209 which is higher.

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	Mobile Computer	Temperature	25°C
Test Engineer	Kyrie Xie	Relative Humidity	54%
Test Site	AC2	Test Date	2020/02/23
Test Mode:	802.11g	Test Channel:	06
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
	4357.5	40.7	2.5	43.2	74.0	-30.8	Peak	Horizontal
	4757.0	39.5	4.1	43.6	74.0	-30.4	Peak	Horizontal
*	6193.5	37.6	7.0	44.6	83.5	-38.9	Peak	Horizontal
*	6975.5	35.5	10.6	46.1	83.5	-37.4	Peak	Horizontal
	4213.0	40.6	2.0	42.6	74.0	-31.4	Peak	Vertical
	4570.0	39.8	3.6	43.4	74.0	-30.6	Peak	Vertical
*	5845.0	38.3	6.0	44.3	83.5	-39.2	Peak	Vertical
*	6525.0	37.4	8.7	46.1	83.5	-37.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 20dBc of the fundamental emission level (103.5dBμV/m) or FCC 15.209 which is higher.

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	Mobile Computer	Temperature	25°C
Test Engineer	Kyrie Xie	Relative Humidity	54%
Test Site	AC2	Test Date	2020/02/23
Test Mode:	802.11g	Test Channel:	11
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
	3830.5	41.4	0.5	41.9	74.0	-32.1	Peak	Horizontal
	4782.5	38.8	4.2	43.0	74.0	-31.0	Peak	Horizontal
*	6117.0	37.8	7.0	44.8	83.6	-38.8	Peak	Horizontal
*	6746.0	36.6	9.2	45.8	83.6	-37.8	Peak	Horizontal
	4145.0	40.0	2.1	42.1	74.0	-31.9	Peak	Vertical
	4859.0	40.0	3.7	43.7	74.0	-30.3	Peak	Vertical
*	5836.5	38.9	5.9	44.8	83.6	-38.8	Peak	Vertical
*	7043.5	34.5	11.2	45.7	83.6	-37.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 20dBc of the fundamental emission level (103.6dBμV/m) or FCC 15.209 which is higher.

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	Mobile Computer	Temperature	25°C
Test Engineer	Kyrie Xie	Relative Humidity	54%
Test Site	AC2	Test Date	2020/02/23
Test Mode:	802.11n-HT20	Test Channel:	01
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
	4128.0	39.7	1.8	41.5	74.0	-32.5	Peak	Horizontal
	4808.0	39.2	4.2	43.4	74.0	-30.6	Peak	Horizontal
*	6125.5	38.0	7.0	45.0	82.1	-37.1	Peak	Horizontal
*	7145.5	34.4	11.6	46.0	82.1	-36.1	Peak	Horizontal
	4247.0	40.7	2.0	42.7	74.0	-31.3	Peak	Vertical
	4808.0	39.0	4.2	43.2	74.0	-30.8	Peak	Vertical
*	6193.5	37.6	7.0	44.6	82.1	-37.5	Peak	Vertical
*	6865.0	35.9	9.9	45.8	82.1	-36.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 20dBc of the fundamental emission level (102.1dBμV/m) or FCC 15.209 which is higher.

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	Mobile Computer	Temperature	25°C
Test Engineer	Kyrie Xie	Relative Humidity	54%
Test Site	AC2	Test Date	2020/02/23
Test Mode:	802.11n-HT20	Test Channel:	06
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
	4196.0	40.9	2.1	43.0	74.0	-31.0	Peak	Horizontal
	4969.5	39.7	3.9	43.6	74.0	-30.4	Peak	Horizontal
*	6202.0	37.1	7.1	44.2	82.8	-38.6	Peak	Horizontal
*	7026.5	34.4	10.8	45.2	82.8	-37.6	Peak	Horizontal
	3830.5	41.1	0.5	41.6	74.0	-32.4	Peak	Vertical
	4995.0	38.0	4.0	42.0	74.0	-32.0	Peak	Vertical
*	6134.0	37.9	6.9	44.8	82.8	-38.0	Peak	Vertical
*	7035.0	34.7	11.1	45.8	82.8	-37.0	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 20dBc of the fundamental emission level (102.8dBμV/m) or FCC 15.209 which is higher.

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	Mobile Computer	Temperature	25°C
Test Engineer	Kyrie Xie	Relative Humidity	54%
Test Site	AC2	Test Date	2020/02/23
Test Mode:	802.11n-HT20	Test Channel:	11
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
	4162.0	40.2	2.0	42.2	74.0	-31.8	Peak	Horizontal
	4969.5	39.5	3.9	43.4	74.0	-30.6	Peak	Horizontal
*	6465.5	36.4	8.4	44.8	82.3	-37.5	Peak	Horizontal
*	7035.0	34.8	11.1	45.9	82.3	-36.4	Peak	Horizontal
	4255.5	40.3	2.0	42.3	74.0	-31.7	Peak	Vertical
	4782.5	39.6	4.2	43.8	74.0	-30.2	Peak	Vertical
*	5726.0	39.0	5.5	44.5	82.3	-37.8	Peak	Vertical
*	6661.0	36.2	8.9	45.1	82.3	-37.2	Peak	Vertical

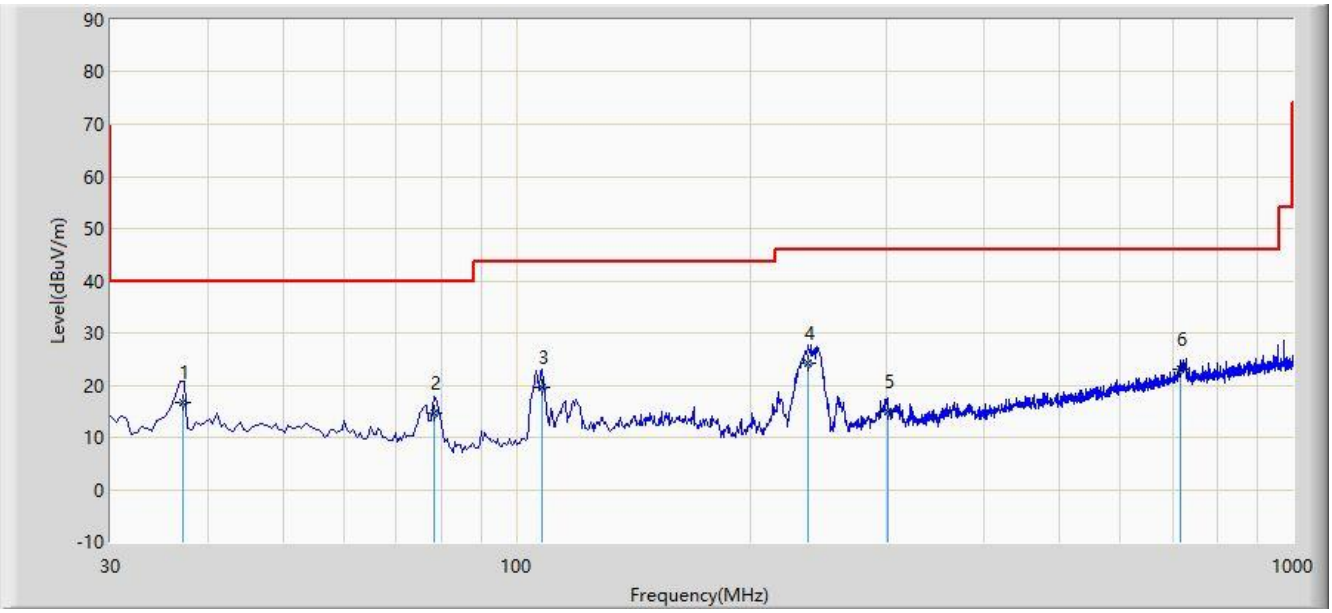
Note 1: “*” is not in restricted band, its limit is 20dBc of the fundamental emission level (102.3dBμV/m) or FCC 15.209 which is higher.

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: 2020/02/23 - 10:38
Limit: FCC_Part15.209_RSE(3m)	Engineer: Kyrie Xie
Probe: AC2_VULB9162_0.03-7GHz	Polarity: Horizontal
EUT: Mobile Computer	Power: Power by PC
Worst Case Mode: Transmit by 802.11b at Channel 2437MHz	



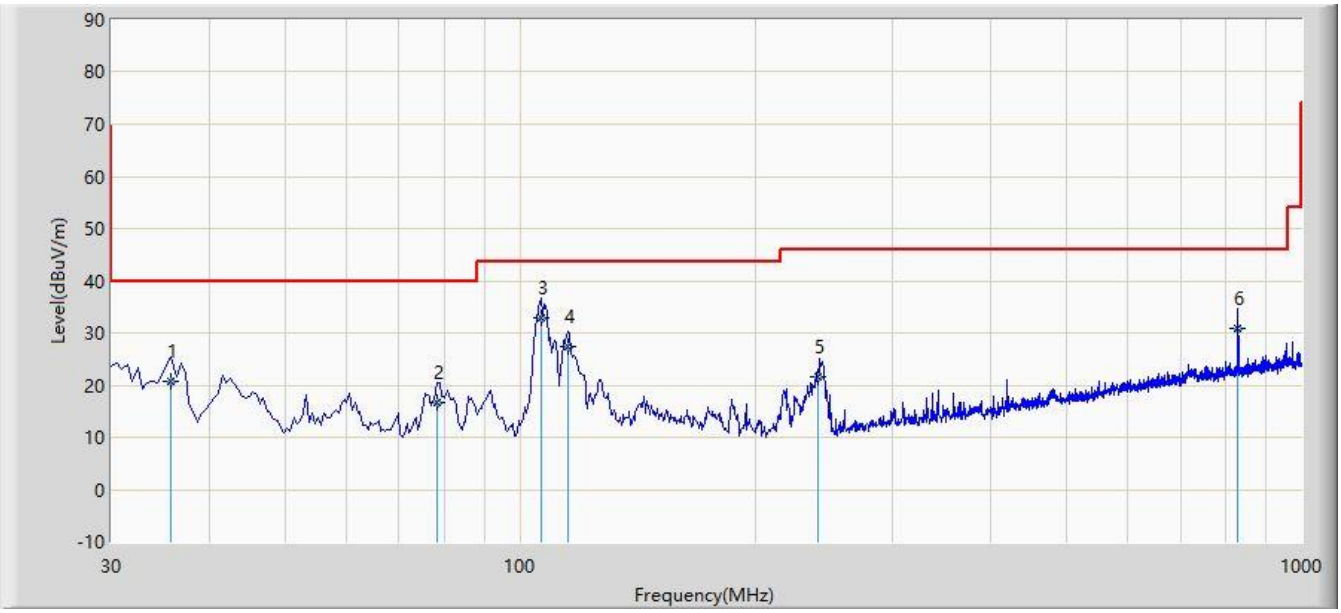
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			37.218	16.556	4.117	-23.444	40.000	12.439	QP
2		*	78.250	14.586	6.685	-25.414	40.000	7.900	QP
3			108.050	19.702	7.441	-23.798	43.500	12.261	QP
4			237.165	24.137	10.651	-21.863	46.000	13.486	QP
5			300.265	15.037	0.181	-30.963	46.000	14.856	QP
6			718.085	22.901	0.117	-23.099	46.000	22.784	QP

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

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

Note 2: The test trace is same as the ambient noise and the amplitude of the emissions are attenuated more than 20dB below the permissible (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 25GHz), therefore no data appear in the report.

Site: AC2	Time: 2020/02/23 - 10:40
Limit: FCC_Part15.209_RSE(3m)	Engineer: Kyrie Xie
Probe: AC2_VULB9162_0.03-7GHz	Polarity: Vertical
EUT: Mobile Computer	Power: Power by PC
Worst Case Mode: Transmit by 802.11b at Channel 2437MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			35.820	20.839	8.778	-19.161	40.000	12.062	QP
2		*	78.250	16.566	8.665	-23.434	40.000	7.900	QP
3			106.630	32.994	20.563	-10.506	43.500	12.431	QP
4			115.056	27.502	16.126	-15.998	43.500	11.376	QP
5			241.085	21.528	7.926	-24.472	46.000	13.602	QP
6			828.065	30.762	6.453	-15.238	46.000	24.308	QP

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

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

Note 2: The test trace is same as the ambient noise and the amplitude of the emissions are attenuated more than 20dB below the permissible (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 25GHz), therefore no data appear in the report.

7.7. Radiated Restricted Band Edge Measurement

7.7.1.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 - 156.525	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)
0.009 - 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	* Certain frequency bands listed in table 7 and in bands above 38.6 GHz are designated for license exempt applications. These frequency bands and the requirements that apply to related devices are set out in the 200 and 300 series of RSSs.
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]	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

7.7.2.Test Procedure Used

ANSI C63.10 Section 6.3 (General Requirements)

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

7.7.3.Test Setting

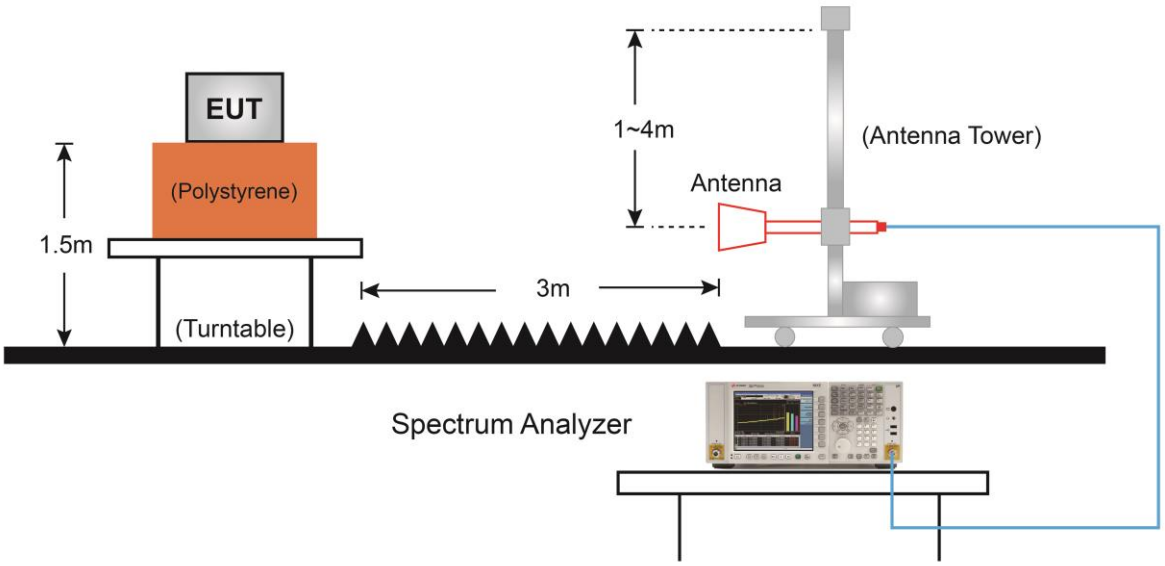
Peak Field Strength Measurements

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 Field Strength Measurements

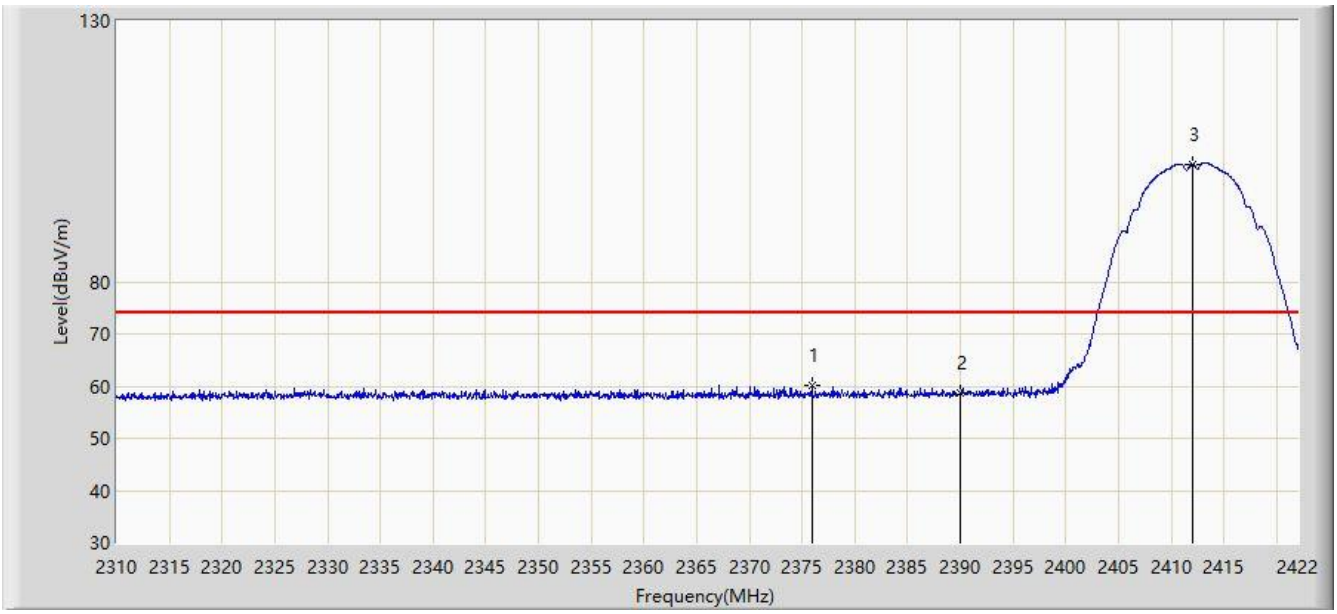
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW ≥ 1/T
4. As an alternative, the instrument may be set to linear detector mode. Ensure that video filtering is applied in linear voltage domain (rather than in a log or dB domain). Some instruments require linear display mode in order to accomplish this. Others have a setting for Average-VBW Type, which can be set to “Voltage” regardless of the display mode
5. Detector = Peak
6. Sweep time = auto
7. Trace mode = max hold
8. Allow max hold to run for at least 50 times (1/duty cycle) traces

7.7.4.Test Setup



7.7.5.Test Result

Site: AC2	Time: 2020/02/23 - 12:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Mobile Computer	Power: Power by PC
Test Mode: Transmit by 802.11b at channel 2412MHz	

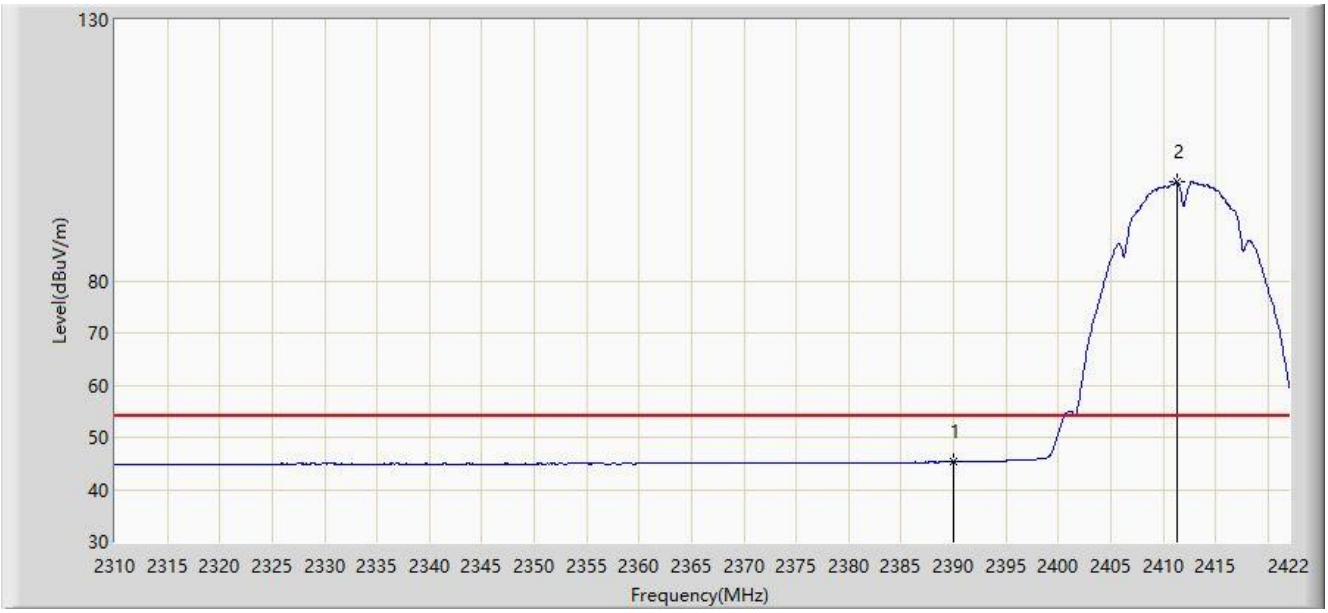


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2375.912	60.095	27.616	-13.905	74.000	32.479	PK
2		2390.000	58.663	26.178	-15.337	74.000	32.485	PK
3	*	2412.032	102.550	70.018	N/A	N/A	32.532	PK

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

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

Site: AC2	Time: 2020/02/23 - 13:12
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Mobile Computer	Power: Power by PC
Test Mode: Transmit by 802.11b at channel 2412MHz	

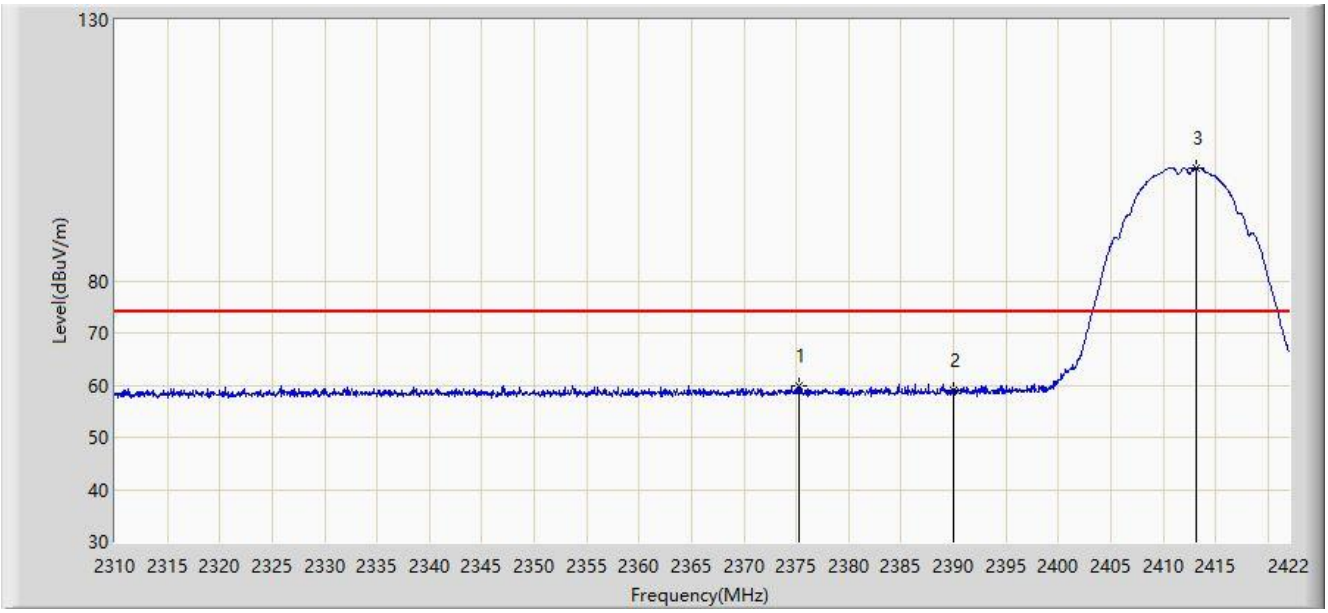


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	45.290	12.805	-8.710	54.000	32.485	AV
2	*	2411.304	98.900	66.362	N/A	N/A	32.538	AV

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

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

Site: AC2	Time: 2020/02/23 - 13:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Mobile Computer	Power: Power by PC
Test Mode: Transmit by 802.11b at channel 2412MHz	

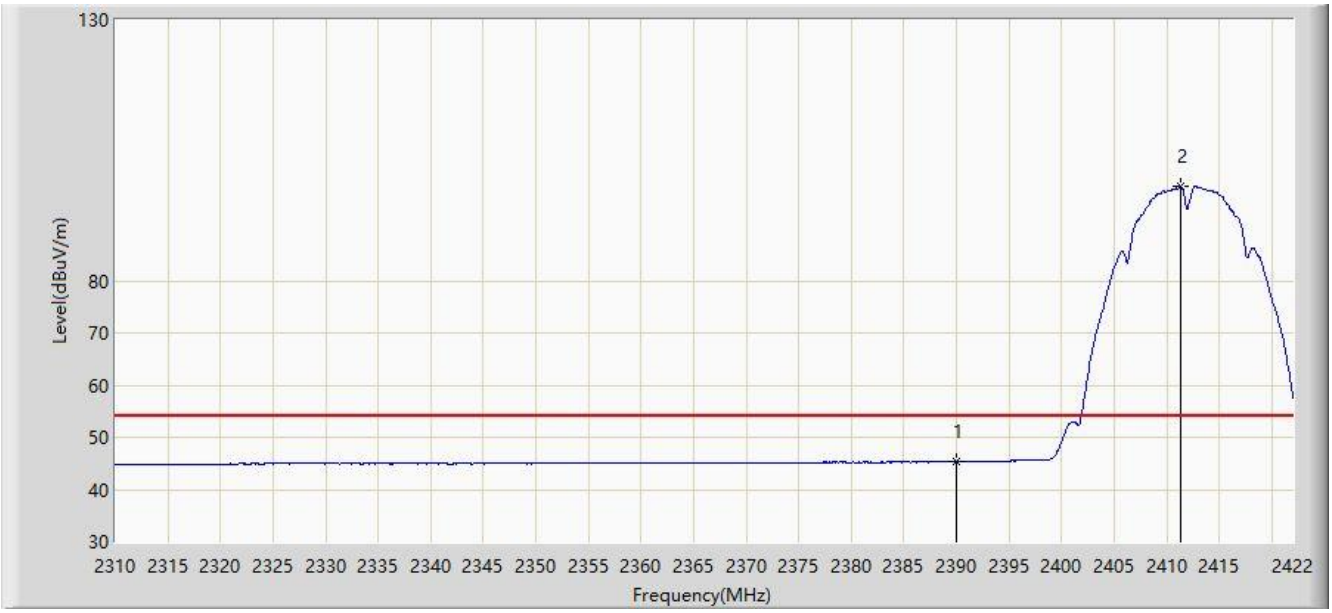


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2375.296	59.994	27.511	-14.006	74.000	32.483	PK
2		2390.000	58.888	26.403	-15.112	74.000	32.485	PK
3	*	2413.208	101.688	69.166	N/A	N/A	32.522	PK

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

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

Site: AC2	Time: 2020/02/23 - 13:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Mobile Computer	Power: Power by PC
Test Mode: Transmit by 802.11b at channel 2412MHz	

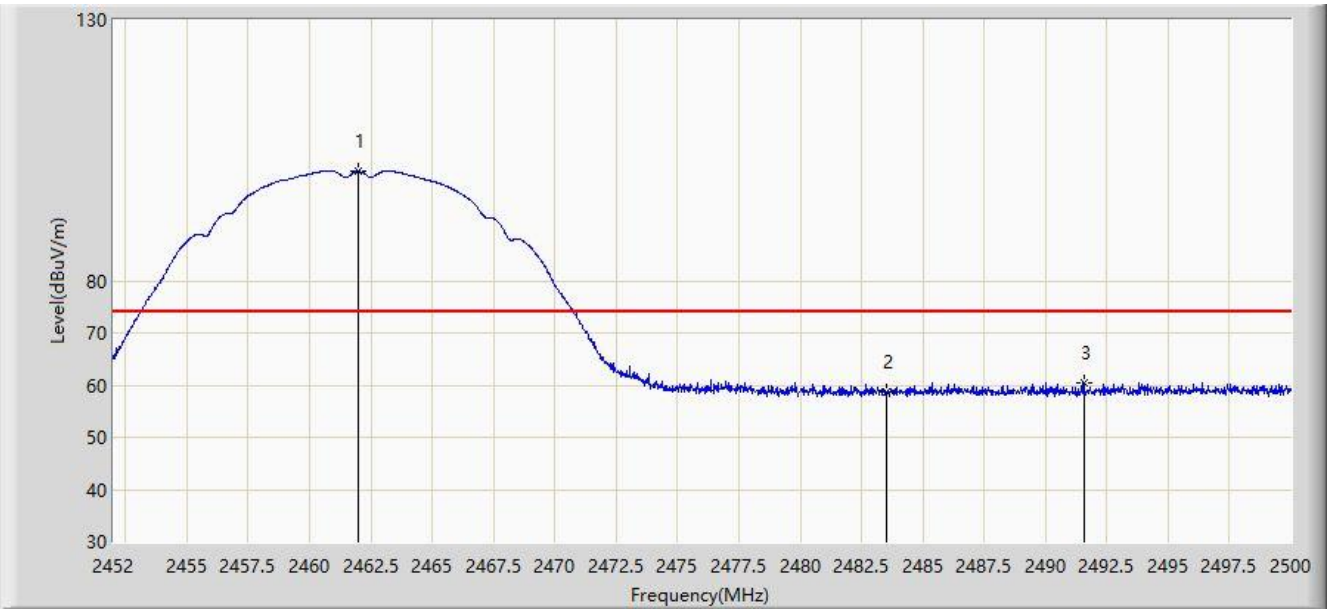


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	45.271	12.786	-8.729	54.000	32.485	AV
2	*	2411.304	98.180	65.642	N/A	N/A	32.538	AV

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

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

Site: AC2	Time: 2020/02/23 - 13:21
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Mobile Computer	Power: Power by PC
Test Mode: Transmit by 802.11b at channel 2462MHz	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2461.984	100.955	68.637	N/A	N/A	32.318	PK
2		2483.500	58.710	26.335	-15.290	74.000	32.375	PK
3		2491.576	60.507	28.151	-13.493	74.000	32.356	PK

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

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

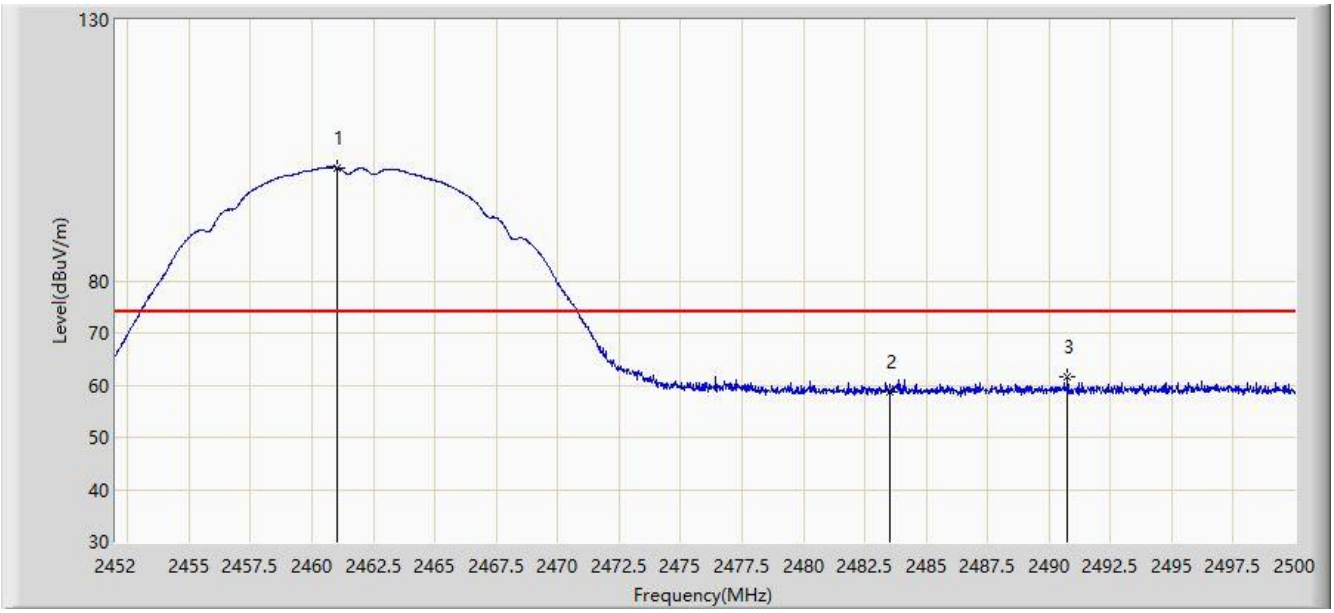
Site: AC2	Time: 2020/02/23 - 13:23
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Mobile Computer	Power: Power by PC
Test Mode: Transmit by 802.11b at channel 2462MHz	

No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2461.312	96.626	64.308	N/A	N/A	32.318	AV
2		2483.500	46.467	14.092	-7.533	54.000	32.375	AV

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

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

Site: AC2	Time: 2020/02/23 - 13:24
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Mobile Computer	Power: Power by PC
Test Mode: Transmit by 802.11b at channel 2462MHz	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2461.000	101.695	69.376	N/A	N/A	32.319	PK
2		2483.500	58.780	26.405	-15.220	74.000	32.375	PK
3		2490.760	61.454	29.096	-12.546	74.000	32.358	PK

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

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

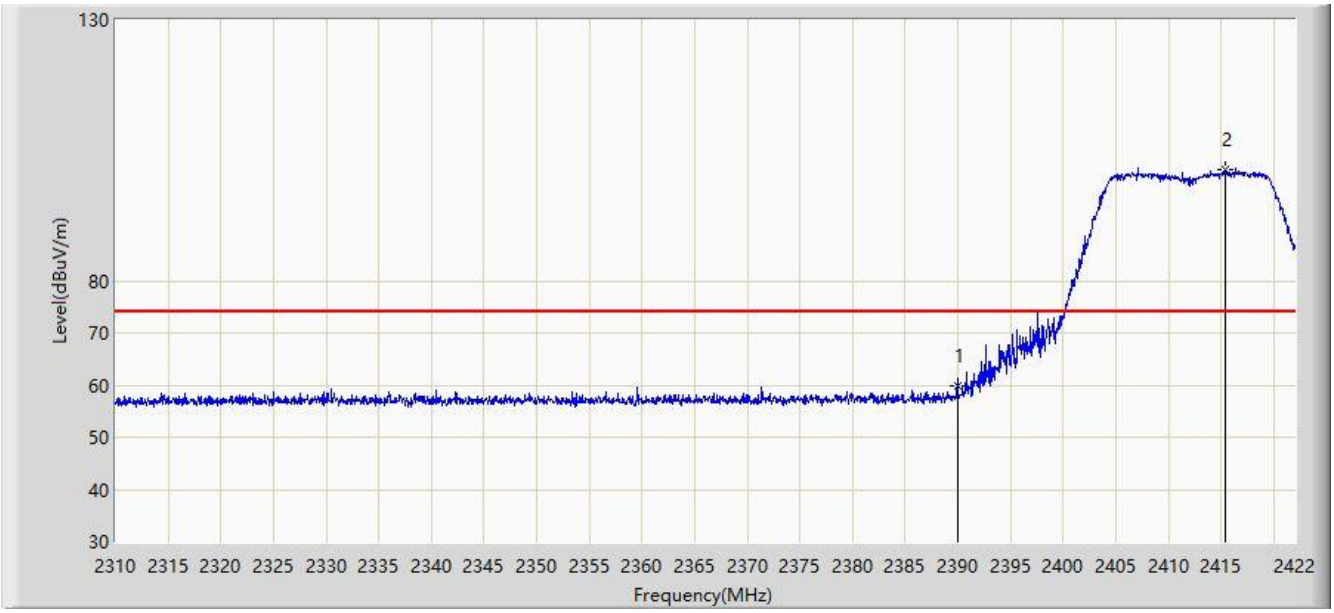
Site: AC2	Time: 2020/02/23 - 13:25
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Mobile Computer	Power: Power by PC
Test Mode: Transmit by 802.11b at channel 2462MHz	

No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2461.216	96.926	64.608	N/A	N/A	32.318	AV
2		2483.500	46.251	13.876	-7.749	54.000	32.375	AV

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

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

Site: AC2	Time: 2020/02/23 - 13:26
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Mobile Computer	Power: Power by PC
Test Mode: Transmit by 802.11g at channel 2412MHz	

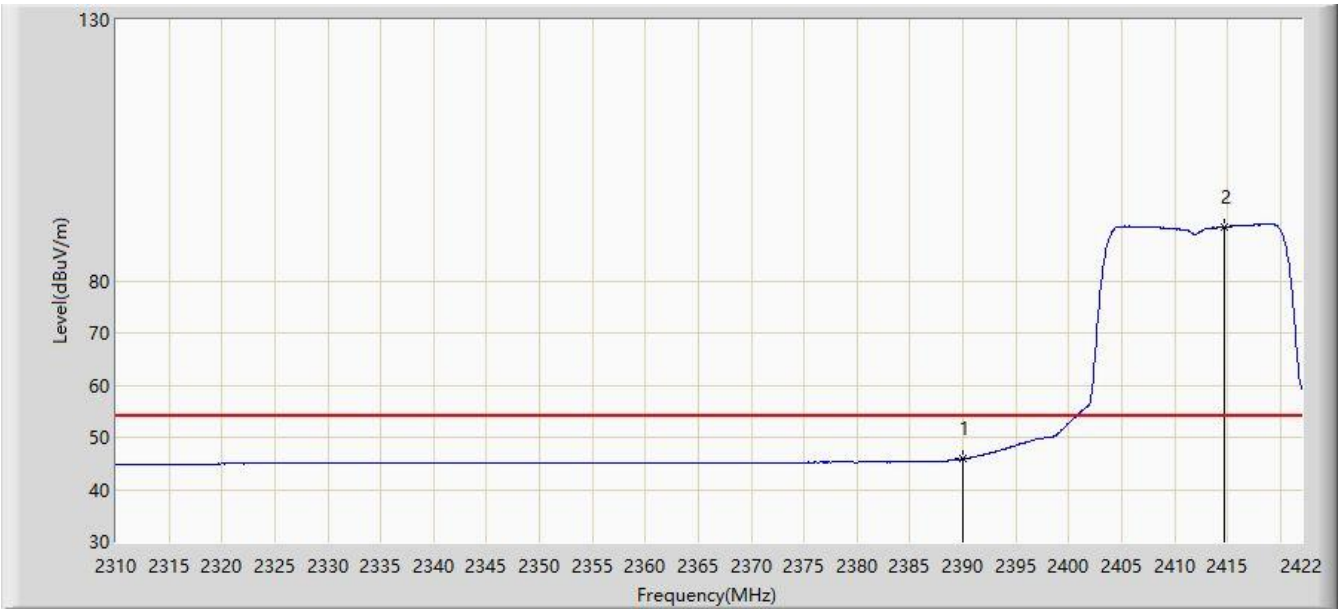


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	59.771	27.286	-14.229	74.000	32.485	PK
2	*	2415.392	101.329	68.826	N/A	N/A	32.503	PK

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

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

Site: AC2	Time: 2020/02/23 - 13:29
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Mobile Computer	Power: Power by PC
Test Mode: Transmit by 802.11g at channel 2412MHz	

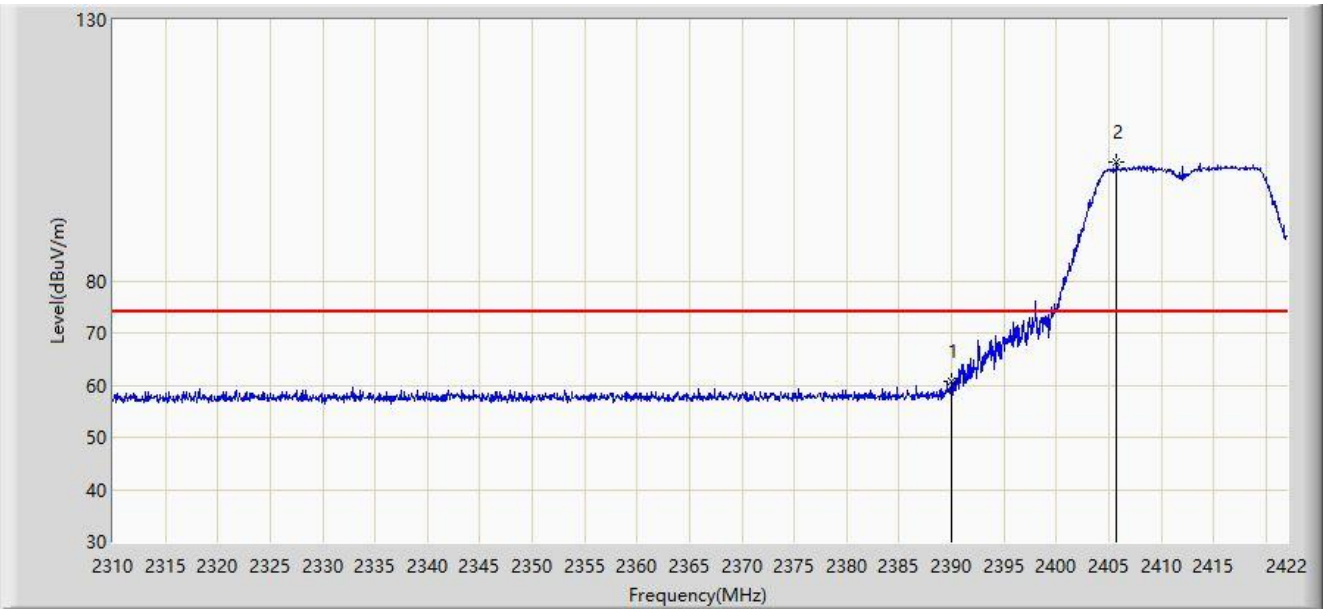


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	45.845	13.360	-8.155	54.000	32.485	AV
2	*	2414.720	90.413	57.904	N/A	N/A	32.509	AV

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

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

Site: AC2	Time: 2020/02/23 - 13:29
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Mobile Computer	Power: Power by PC
Test Mode: Transmit by 802.11g at channel 2412MHz	

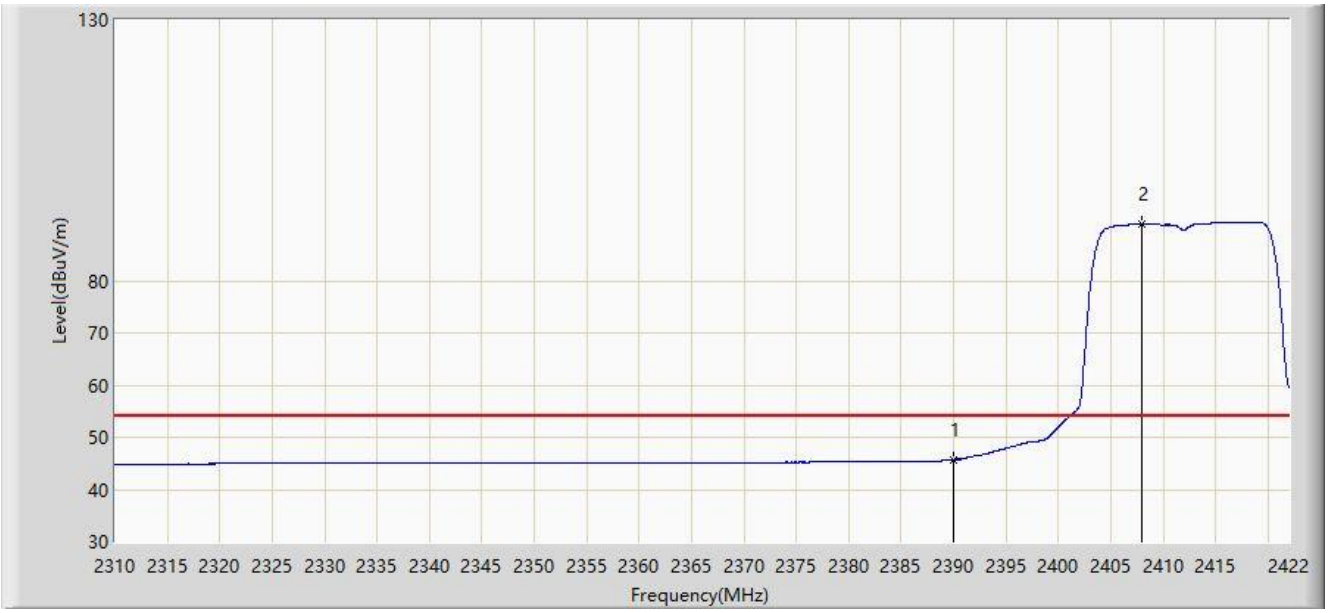


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	60.591	28.106	-13.409	74.000	32.485	PK
2	*	2405.760	102.869	70.344	N/A	N/A	32.525	PK

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

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

Site: AC2	Time: 2020/02/23 - 13:31
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Mobile Computer	Power: Power by PC
Test Mode: Transmit by 802.11g at channel 2412MHz	

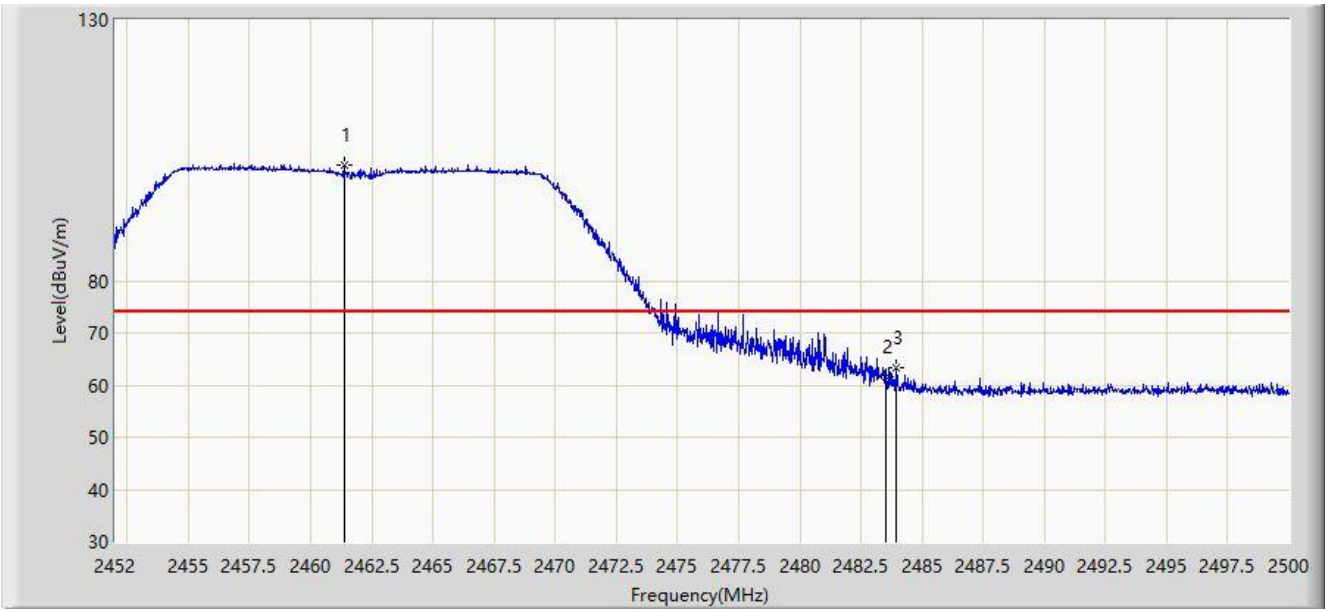


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	45.752	13.267	-8.248	54.000	32.485	AV
2	*	2408.000	90.928	58.396	N/A	N/A	32.532	AV

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

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

Site: AC2	Time: 2020/02/23 - 13:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Mobile Computer	Power: Power by PC
Test Mode: Transmit by 802.11g at channel 2462MHz	

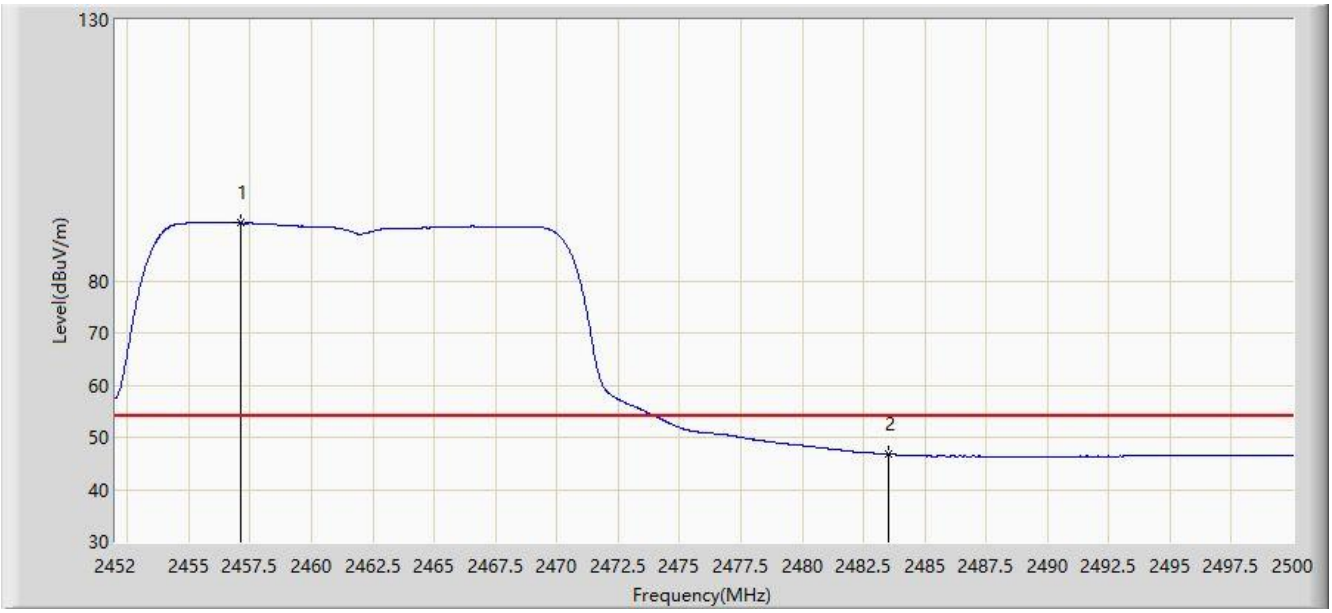


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2461.360	102.042	69.724	N/A	N/A	32.318	PK
2		2483.500	61.661	29.286	-12.339	74.000	32.375	PK
3		2483.944	63.196	30.822	-10.804	74.000	32.374	PK

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

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

Site: AC2	Time: 2020/02/23 - 13:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Mobile Computer	Power: Power by PC
Test Mode: Transmit by 802.11g at channel 2462MHz	

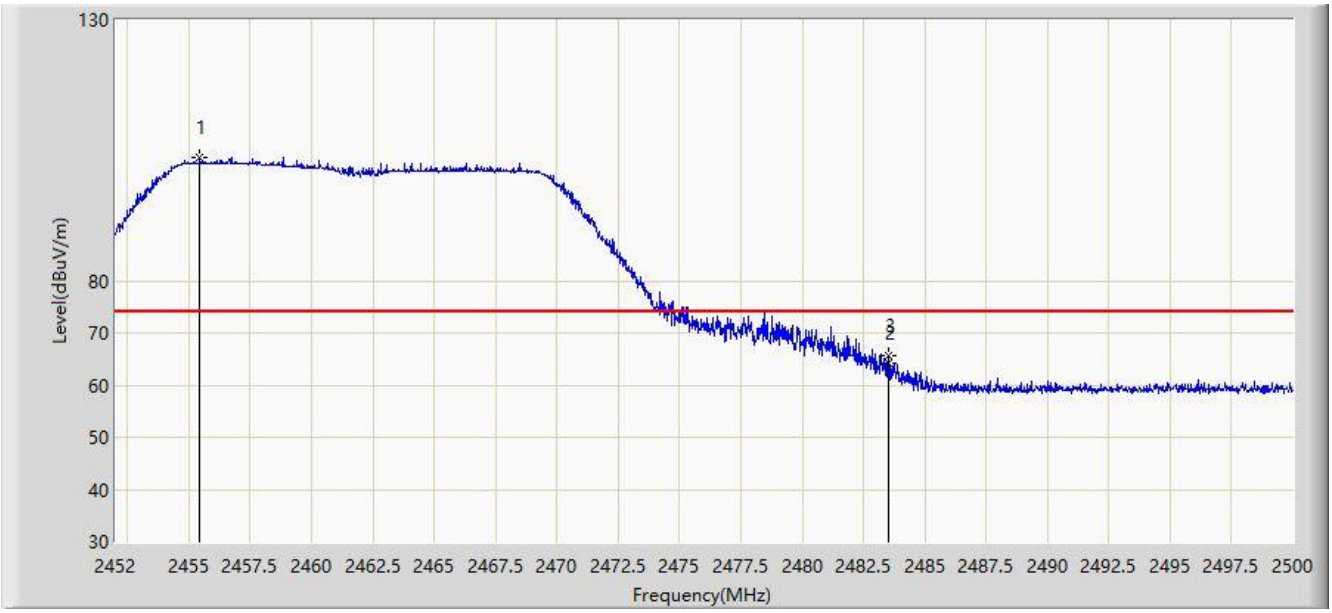


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2457.136	91.030	58.709	N/A	N/A	32.321	AV
2		2483.500	46.701	14.326	-7.299	54.000	32.375	AV

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

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

Site: AC2	Time: 2020/02/23 - 13:53
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Mobile Computer	Power: Power by PC
Test Mode: Transmit by 802.11g at channel 2462MHz	

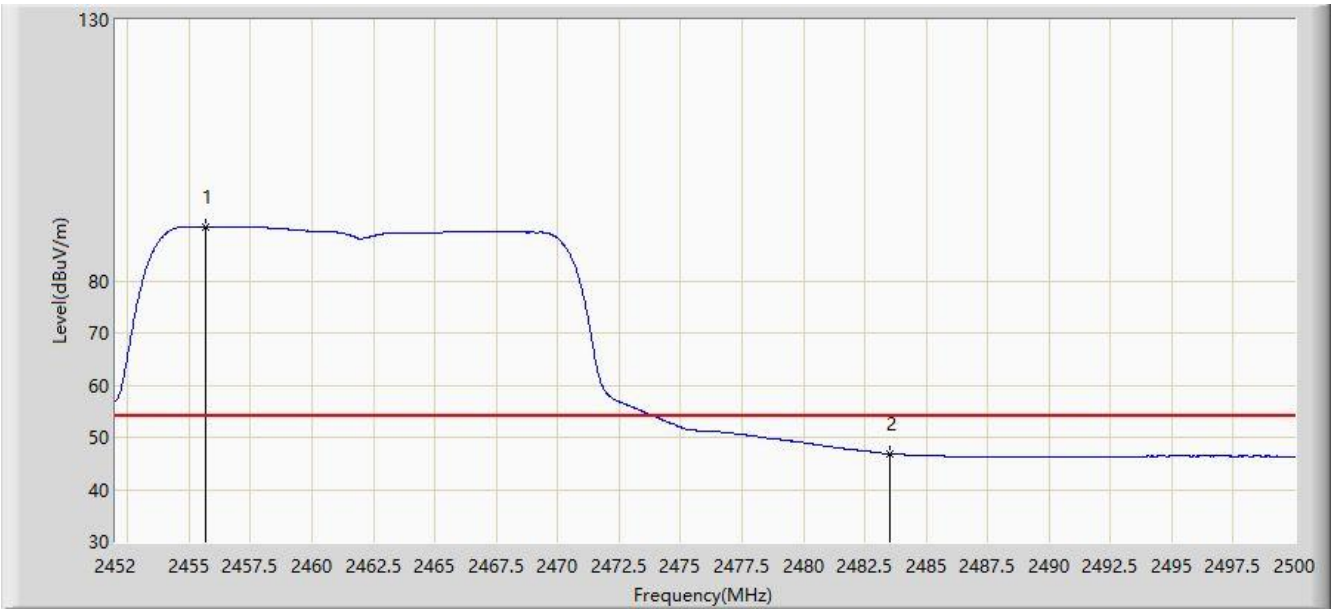


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2455.456	103.648	71.326	N/A	N/A	32.322	PK
2		2483.500	64.164	31.789	-9.836	74.000	32.375	PK
3		2483.512	65.559	33.184	-8.441	74.000	32.375	PK

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

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

Site: AC2	Time: 2020/02/23 - 13:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Mobile Computer	Power: Power by PC
Test Mode: Transmit by 802.11g at channel 2462MHz	

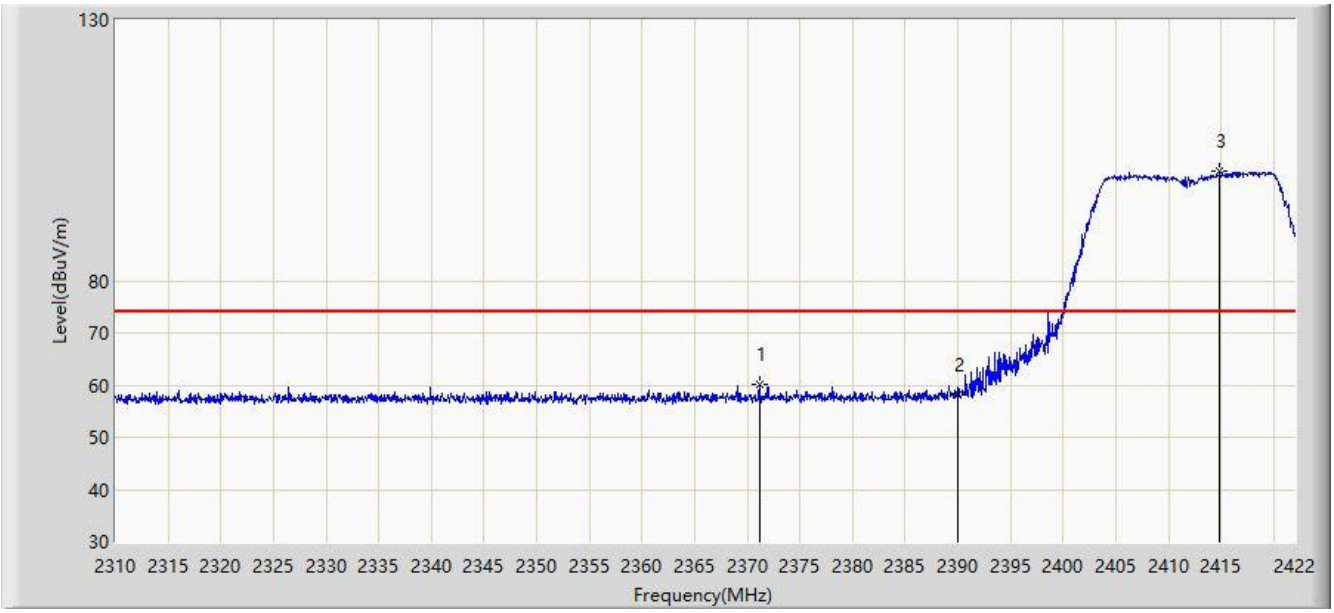


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2455.696	90.411	58.089	N/A	N/A	32.322	AV
2		2483.500	46.871	14.496	-7.129	54.000	32.375	AV

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

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

Site: AC2	Time: 2020/02/23 - 13:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Mobile Computer	Power: Power by PC
Test Mode: Transmit by 802.11n-HT20 at channel 2412MHz	

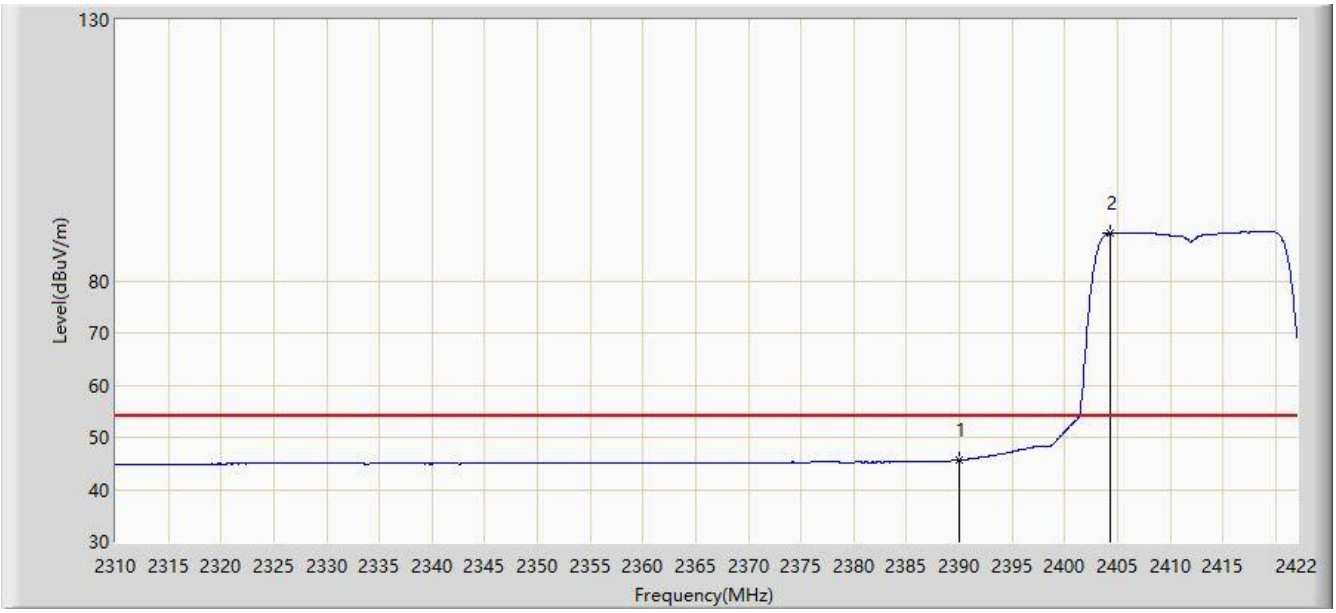


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2371.152	60.206	27.697	-13.794	74.000	32.509	PK
2		2390.000	58.217	25.732	-15.783	74.000	32.485	PK
3	*	2414.888	100.969	68.461	N/A	N/A	32.508	PK

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

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

Site: AC2	Time: 2020/02/23 - 13:58
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Mobile Computer	Power: Power by PC
Test Mode: Transmit by 802.11n-HT20 at channel 2412MHz	

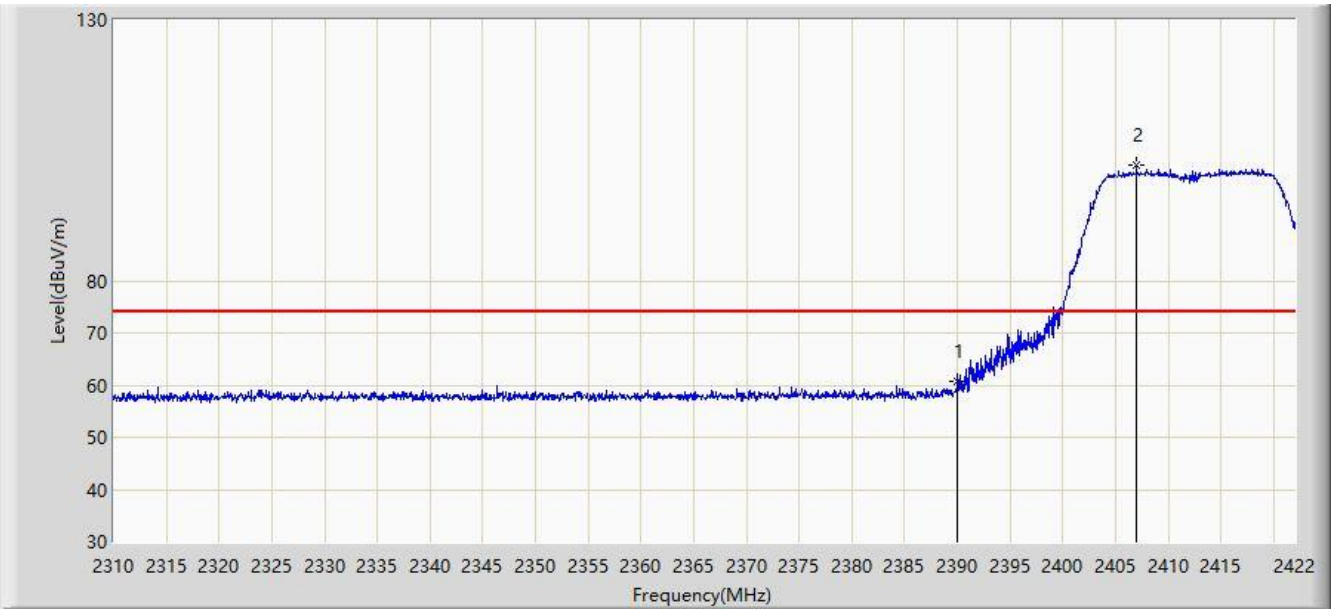


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	45.601	13.116	-8.399	54.000	32.485	AV
2	*	2404.304	89.167	56.646	N/A	N/A	32.521	AV

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

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

Site: AC2	Time: 2020/02/23 - 13:58
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Mobile Computer	Power: Power by PC
Test Mode: Transmit by 802.11n-HT20 at channel 2412MHz	

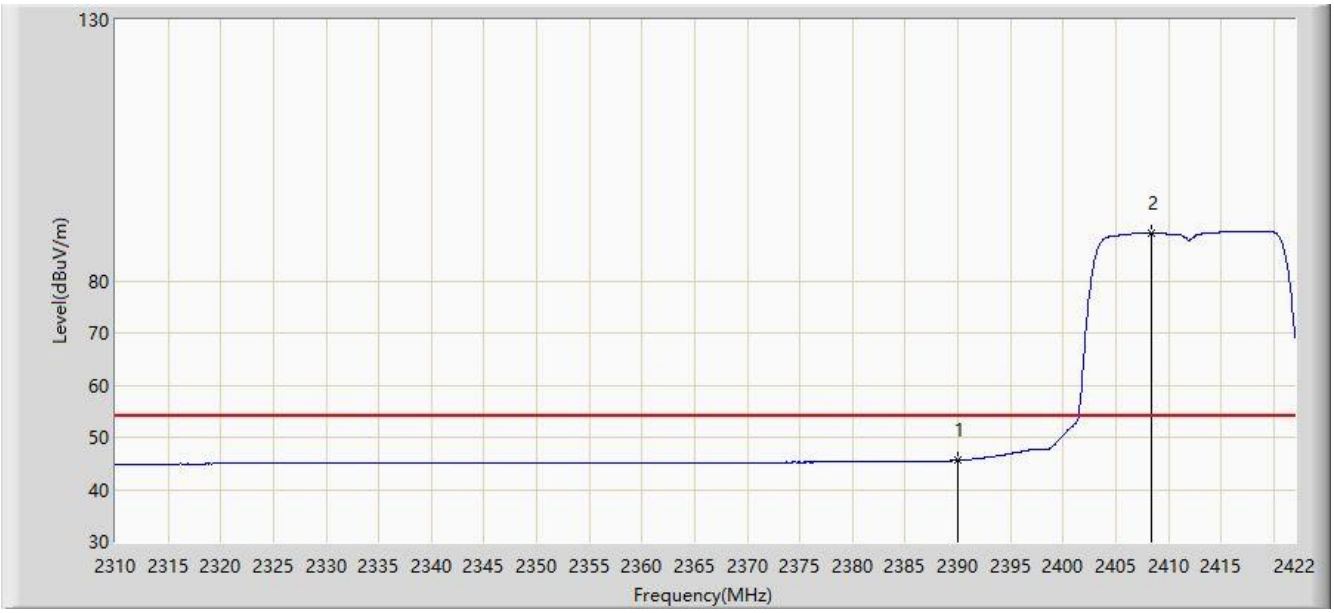


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	60.795	28.310	-13.205	74.000	32.485	PK
2	*	2406.992	102.120	69.591	N/A	N/A	32.529	PK

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

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

Site: AC2	Time: 2020/02/23 - 13:59
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Mobile Computer	Power: Power by PC
Test Mode: Transmit by 802.11n-HT20 at channel 2412MHz	

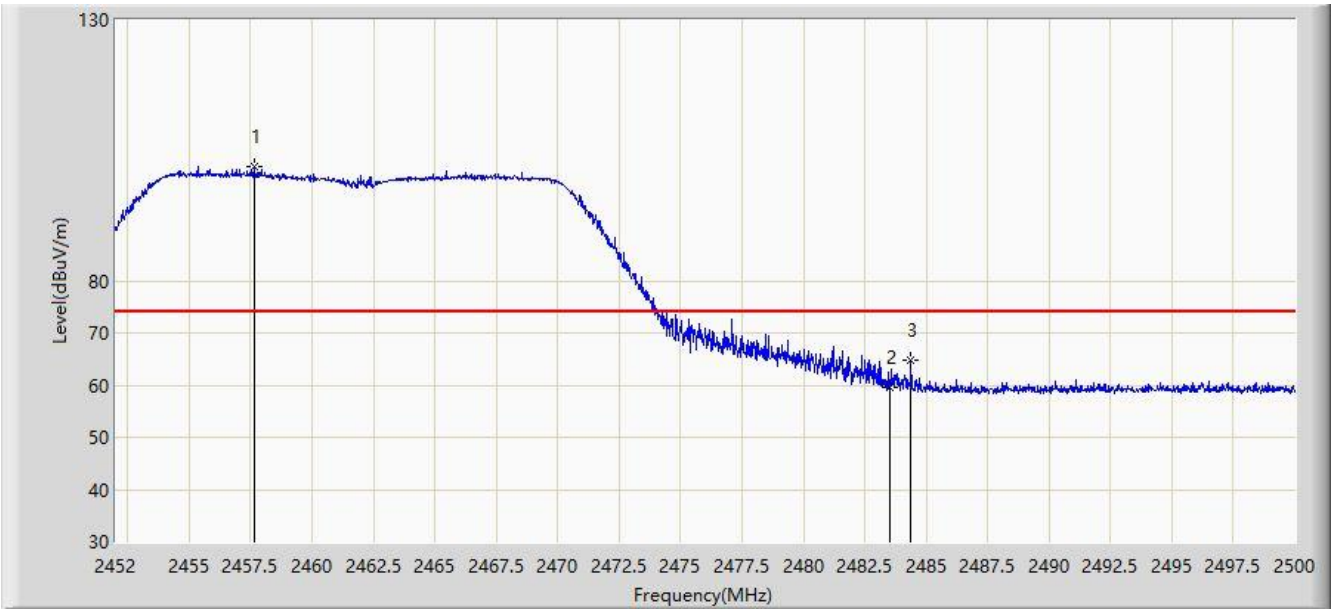


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	45.566	13.081	-8.434	54.000	32.485	AV
2	*	2408.336	89.177	56.644	N/A	N/A	32.533	AV

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

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

Site: AC2	Time: 2020/02/23 - 14:00
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Mobile Computer	Power: Power by PC
Test Mode: Transmit by 802.11n-HT20 at channel 2462MHz	

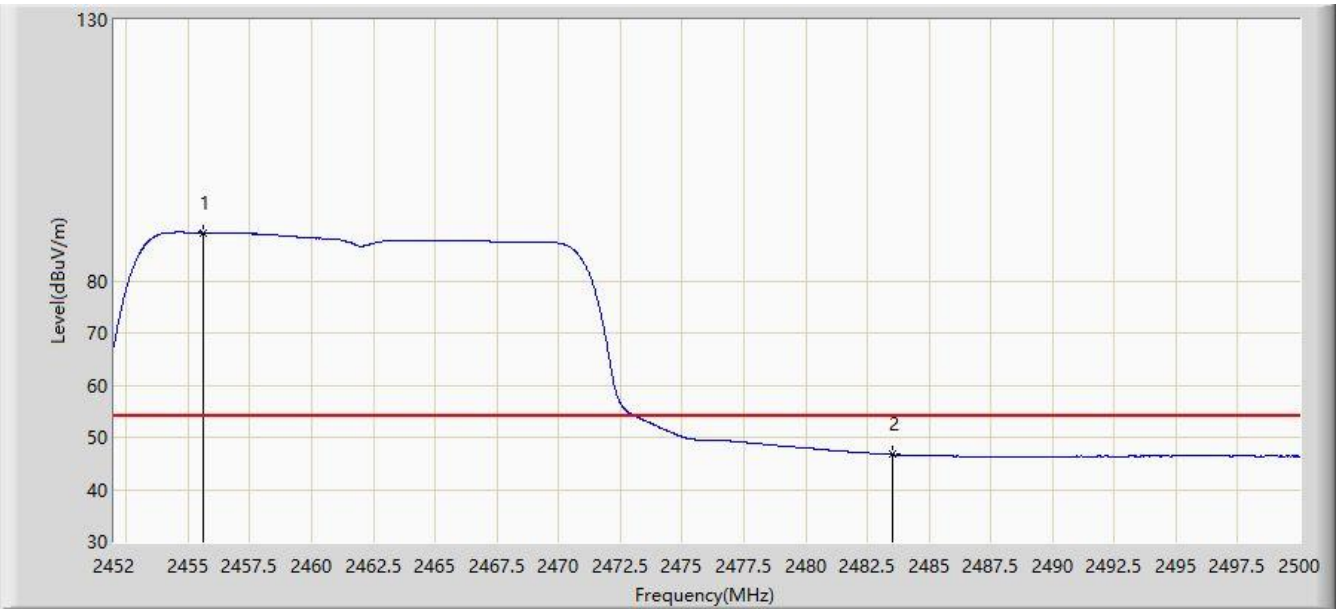


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2457.640	101.981	69.660	N/A	N/A	32.321	PK
2		2483.500	59.664	27.289	-14.336	74.000	32.375	PK
3		2484.376	64.699	32.326	-9.301	74.000	32.373	PK

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

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

Site: AC2	Time: 2020/02/23 - 14:01
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Mobile Computer	Power: Power by PC
Test Mode: Transmit by 802.11n-HT20 at channel 2462MHz	

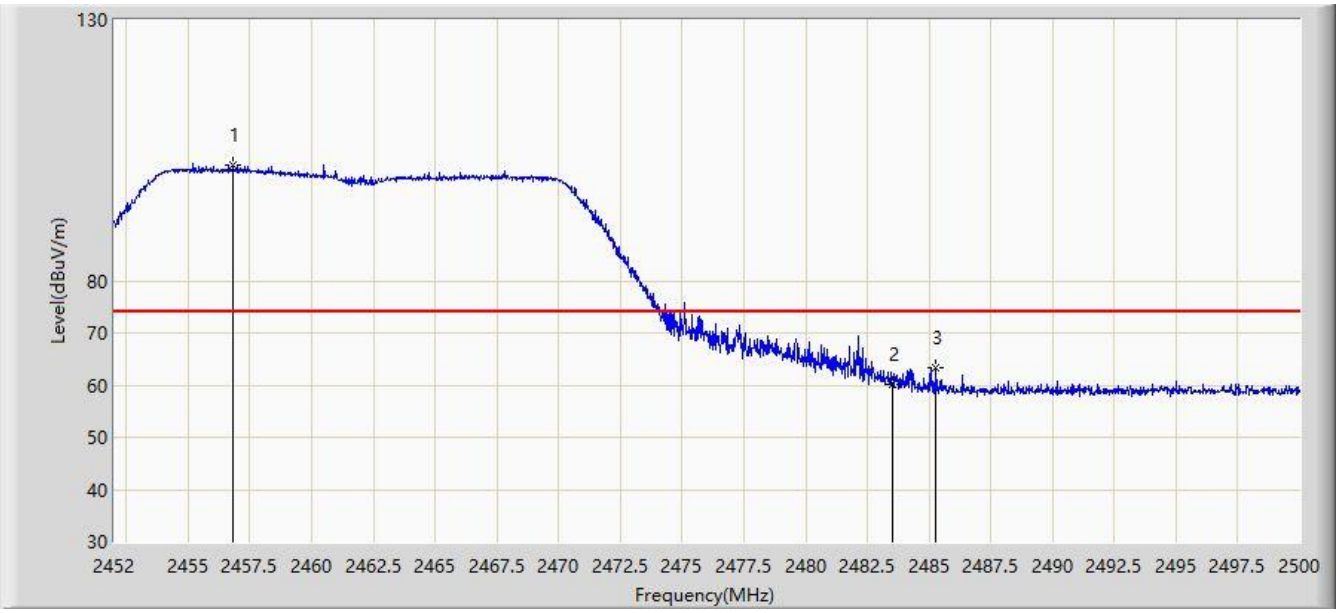


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2455.624	89.261	56.939	N/A	N/A	32.322	AV
2		2483.500	46.697	14.322	-7.303	54.000	32.375	AV

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

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

Site: AC2	Time: 2020/02/23 - 14:01
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Mobile Computer	Power: Power by PC
Test Mode: Transmit by 802.11n-HT20 at channel 2462MHz	

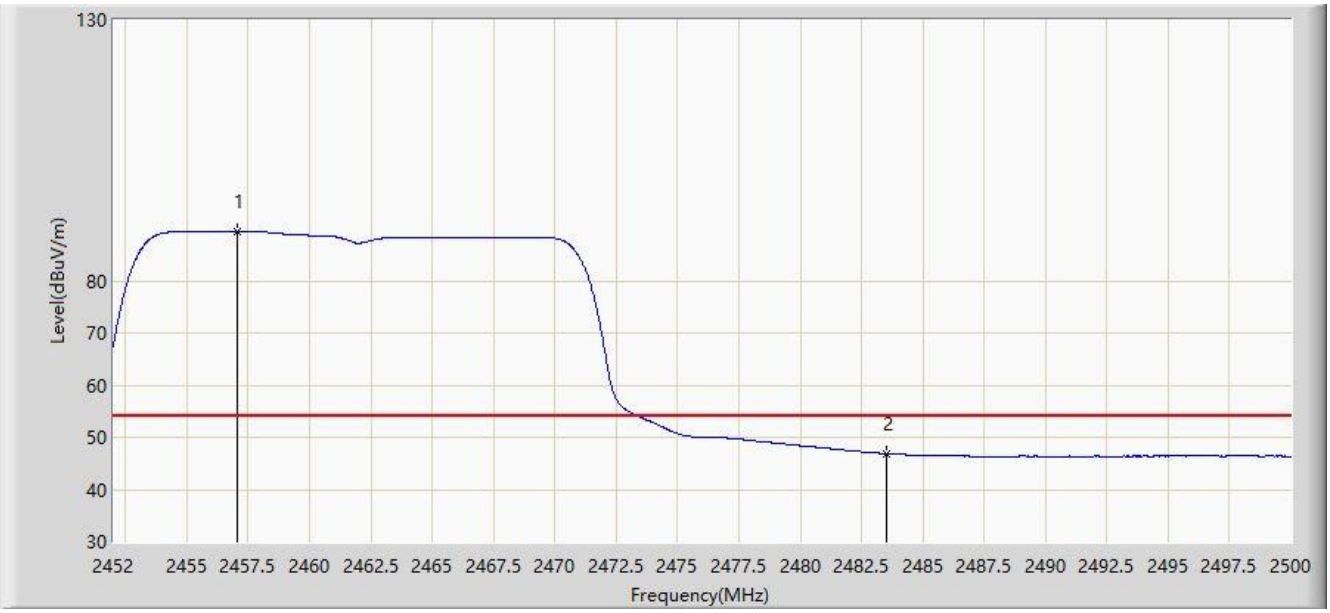


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2456.824	102.301	69.980	N/A	N/A	32.321	PK
2		2483.500	60.278	27.903	-13.722	74.000	32.375	PK
3		2485.288	63.214	30.843	-10.786	74.000	32.371	PK

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

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

Site: AC2	Time: 2020/02/23 - 14:02
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Mobile Computer	Power: Power by PC
Test Mode: Transmit by 802.11n-HT20 at channel 2462MHz	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2457.064	89.474	57.153	N/A	N/A	32.321	AV
2		2483.500	46.869	14.494	-7.131	54.000	32.375	AV

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

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

7.8. AC Conducted Emissions Measurement

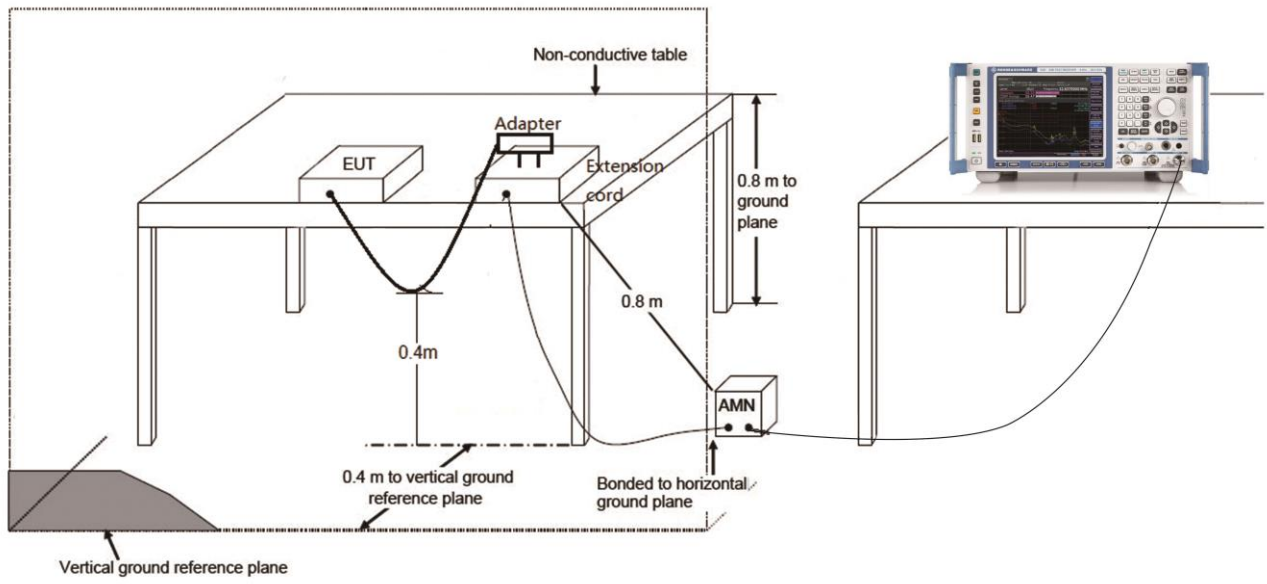
7.8.1.Test Limit

FCC Part 15 Subpart C Paragraph 15.207 & RSS-Gen Paragraph 8.8 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.

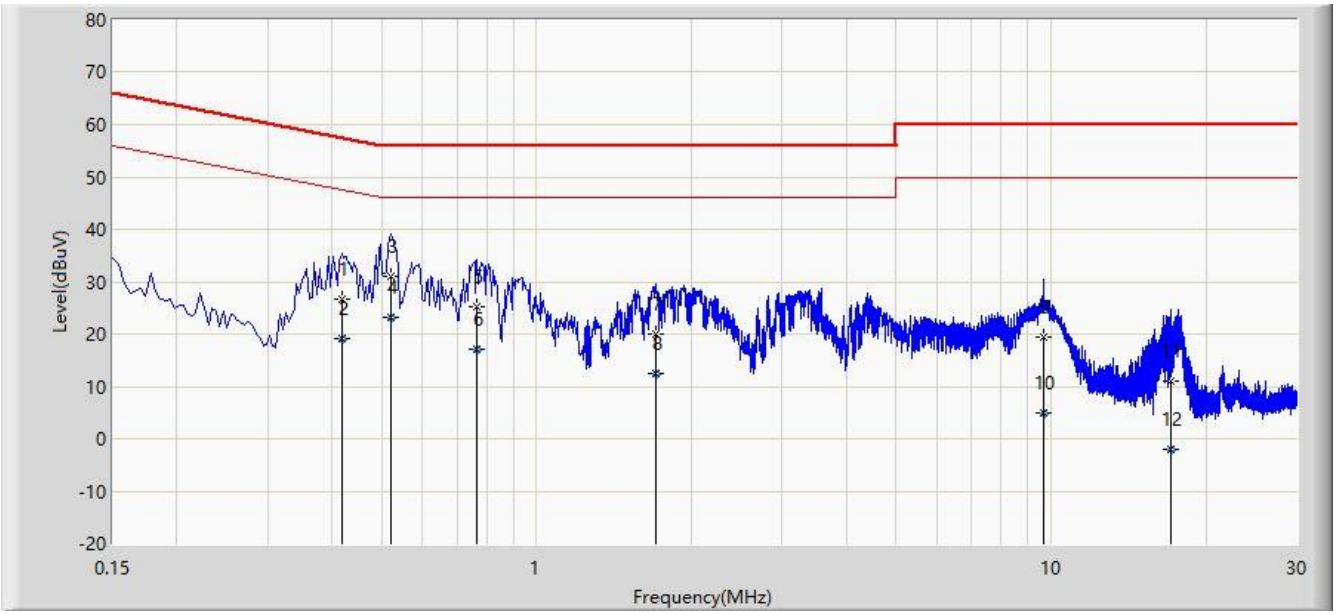
Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

7.8.2.Test Setup



7.8.3.Test Result

Site: SR2	Time: 2020/02/25 - 10:45
Limit: FCC_Part15.207_CE_AC Power	Engineer: Andy Zhu
Probe: ENV216_101683_Filter On	Polarity: Line
EUT: Mobile Computer	Power: AC 120V/60Hz
Test Mode 1	

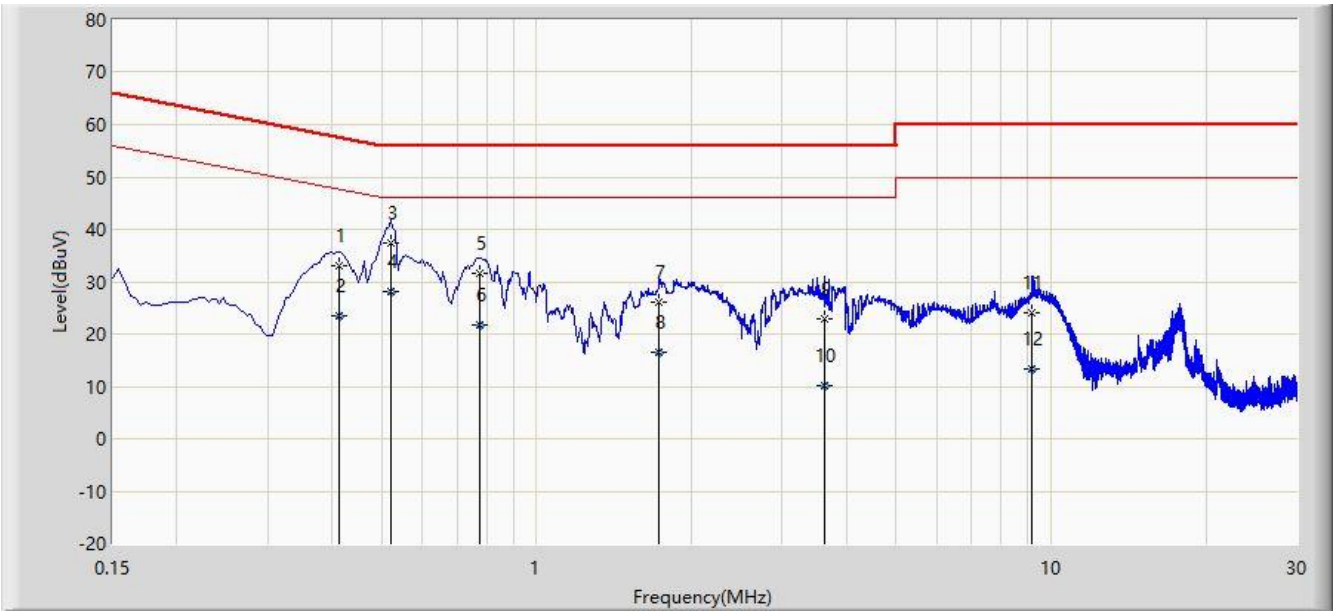


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV)	Factor (dB)	Type
1			0.418	26.784	16.675	-30.704	57.488	10.109	QP
2			0.418	18.986	8.877	-28.502	47.488	10.109	AV
3			0.522	31.060	20.889	-24.940	56.000	10.171	QP
4			0.522	23.315	13.144	-22.685	46.000	10.171	AV
5			0.766	25.172	15.115	-30.828	56.000	10.057	QP
6			0.766	17.015	6.958	-28.985	46.000	10.057	AV
7			1.710	19.890	9.953	-36.110	56.000	9.936	QP
8		*	1.710	12.449	2.513	-33.551	46.000	9.936	AV
9			9.666	19.285	9.343	-40.715	60.000	9.942	QP
10			9.666	4.830	-5.112	-45.170	50.000	9.942	AV
11			17.118	11.066	1.013	-48.934	60.000	10.053	QP
12			17.118	-2.089	-12.142	-52.089	50.000	10.053	AV

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

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

Site: SR2	Time: 2020/02/26 - 09:48
Limit: FCC_Part15.207_CE_AC Power	Engineer: Andy Zhu
Probe: ENV216_101683_Filter On	Polarity: Neutral
EUT: Mobile Computer	Power: AC 120V/60Hz
Test Mode 1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV)	Factor (dB)	Type
1			0.414	32.963	22.831	-24.605	57.568	10.132	QP
2			0.414	23.577	13.445	-23.990	47.568	10.132	AV
3			0.522	37.476	27.276	-18.524	56.000	10.200	QP
4			0.522	28.190	17.990	-17.810	46.000	10.200	AV
5			0.774	31.617	21.546	-24.383	56.000	10.071	QP
6			0.774	21.788	11.716	-24.212	46.000	10.071	AV
7		*	1.726	26.016	16.067	-29.984	56.000	9.949	QP
8			1.726	16.609	6.660	-29.391	46.000	9.949	AV
9			3.634	22.796	12.885	-33.204	56.000	9.910	QP
10			3.634	10.204	0.293	-35.796	46.000	9.910	AV
11			9.170	24.029	14.064	-35.971	60.000	9.965	QP
12			9.170	13.436	3.472	-36.564	50.000	9.965	AV

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

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

8. 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 “2001RSU045-UT” file.

Appendix B - EUT Photograph

Refer to “2001RSU045-UE” file.