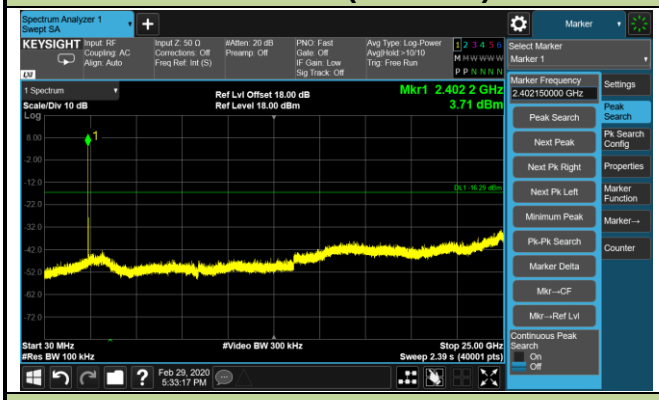
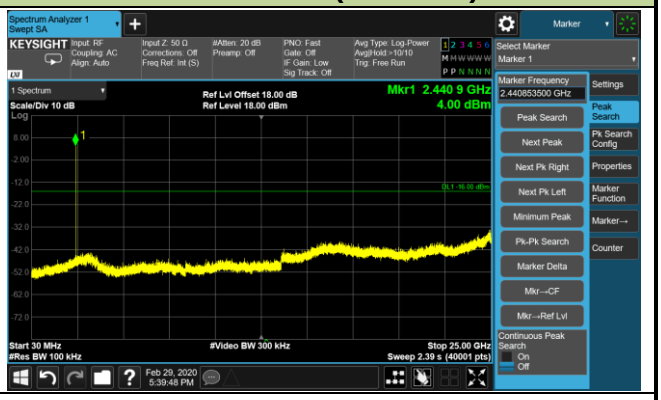
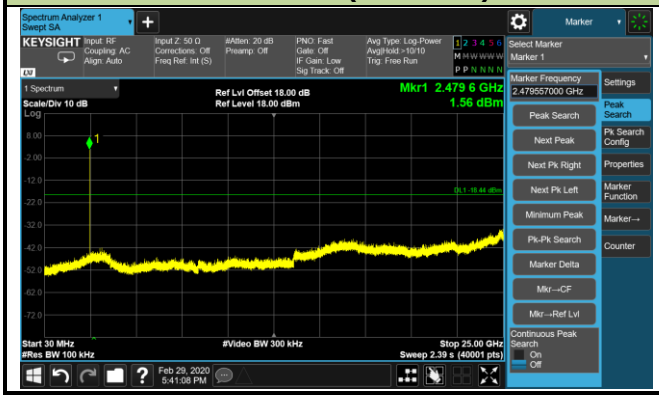
3DH5 Conducted Spurious Emissions	
Channel 00 (2402MHz)	**Channel 39 (2441MHz)**
	
Channel 78 (2480MHz)	
	

7.9. Radiated Spurious Emission Measurement

7.9.1.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		
Frequency (MHz)	Field Strength (μV/m)	Measured Distance (m)
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

7.9.2.Test Procedure Used

ANSI C63.10-2013 - Section 6.3

ANSI C63.10-2013 - Section 6.4

ANSI C63.10-2013 - Section 6.5

ANSI C63.10-2013 - Section 6.6

7.9.3.Test Setting

Table 1 - RBW as a function of frequency

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

Quasi-Peak Measurements below 1GHz

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

Peak Measurements above 1GHz

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

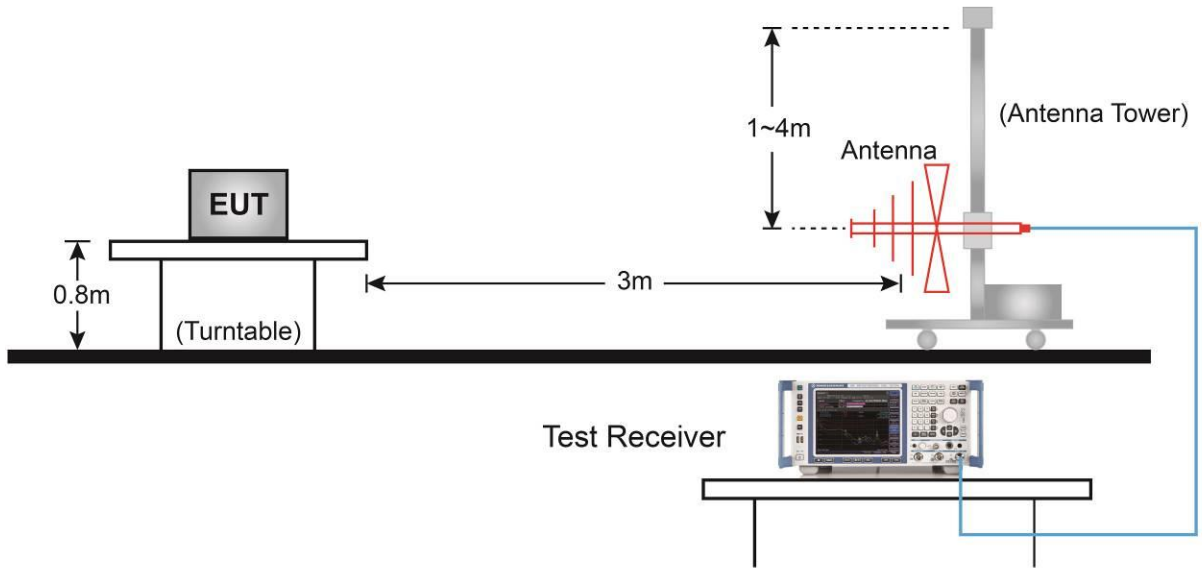
Average Measurements above 1GHz (Method VB)

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

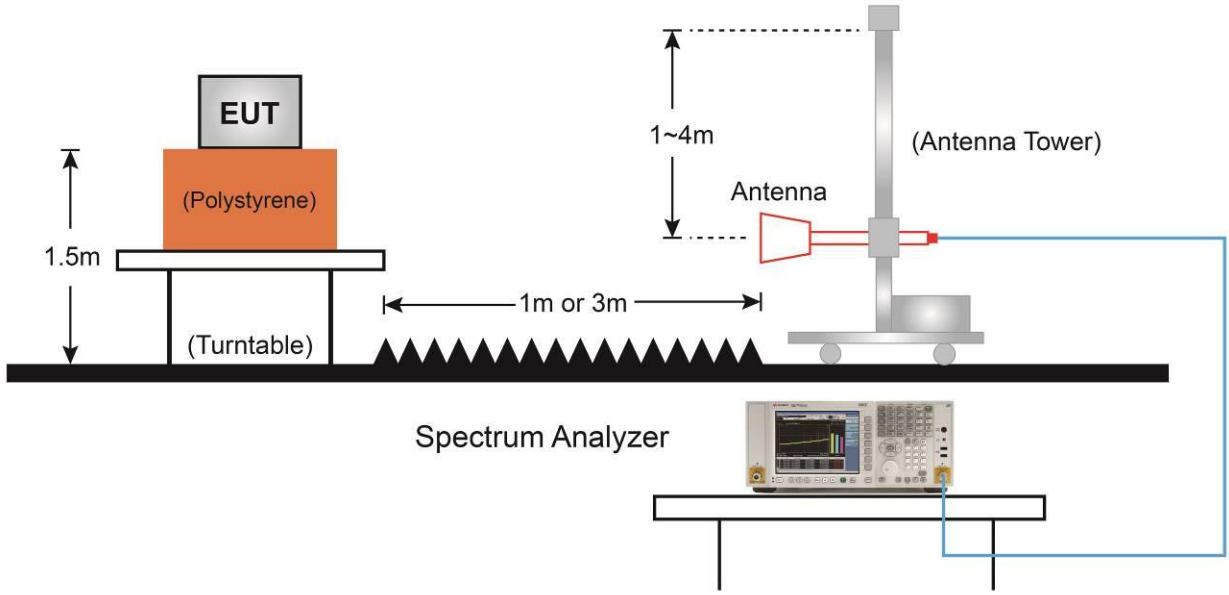
   If the EUT duty cycle is < 98%, set VBW ≥ 1/T. T is the minimum transmission duration
4. Detector = Peak
5. Sweep time = Auto
6. Trace mode = Max hold
7. Trace was allowed to stabilize

7.9.4.Test Setup

Below 1GHz Test Setup:



Above 1GHz Test Setup:



7.9.5.Test Result

Product	Tablet	Test Engineer	Buter Shi
Test Site	AC1	Test Date	2020/07/24
Test Mode	DH5	Test Channel	00
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	3728.5	40.2	2.6	42.8	74.0	-31.2	Peak	Horizontal
	4833.5	39.0	5.8	44.8	74.0	-29.2	Peak	Horizontal
*	7052.0	38.3	9.8	48.1	74.0	-25.9	Peak	Horizontal
*	7936.0	37.8	11.4	49.2	74.0	-24.8	Peak	Horizontal
	3720.0	41.9	2.6	44.5	74.0	-29.5	Peak	Vertical
	4833.5	38.8	5.8	44.6	74.0	-29.4	Peak	Vertical
*	5590.0	39.1	6.7	45.8	74.0	-28.2	Peak	Vertical
*	7842.5	36.3	11.0	47.3	74.0	-26.7	Peak	Vertical

Note 1: “*” means test frequency didn't 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	Tablet	Test Engineer	Buter Shi
Test Site	AC1	Test Date	2020/07/24
Test Mode	DH5	Test Channel	39
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	3720.0	40.9	2.6	43.5	74.0	-30.5	Peak	Horizontal
	4578.5	38.4	5.3	43.7	74.0	-30.3	Peak	Horizontal
*	5913.0	37.8	7.1	44.9	74.0	-29.1	Peak	Horizontal
*	7842.5	36.9	11.0	47.9	74.0	-26.1	Peak	Horizontal
	3720.0	42.0	2.6	44.6	74.0	-29.4	Peak	Vertical
	4893.0	38.3	5.8	44.1	74.0	-29.9	Peak	Vertical
*	5921.5	38.0	7.1	45.1	74.0	-28.9	Peak	Vertical
*	7842.5	36.6	11.0	47.6	74.0	-26.4	Peak	Vertical

Note 1: “*” means test frequency didn't 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	Tablet	Test Engineer	Buter Shi
Test Site	AC1	Test Date	2020/07/24
Test Mode	DH5	Test Channel	78
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	3728.5	41.9	2.6	44.5	74.0	-29.5	Peak	Horizontal
	5080.0	38.1	6.3	44.4	74.0	-29.6	Peak	Horizontal
*	5590.0	37.9	6.7	44.6	74.0	-29.4	Peak	Horizontal
*	7944.5	37.5	11.5	49.0	74.0	-25.0	Peak	Horizontal
	3720.0	44.8	2.6	47.4	74.0	-26.6	Peak	Vertical
	4816.5	38.2	5.8	44.0	74.0	-30.0	Peak	Vertical
*	5590.0	38.8	6.7	45.5	74.0	-28.5	Peak	Vertical
*	7953.0	36.4	11.7	48.1	74.0	-25.9	Peak	Vertical

Note 1: “*” means test frequency didn't 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	Tablet	Test Engineer	Buter Shi
Test Site	AC1	Test Date	2020/07/24
Test Mode	2DH5	Test Channel	00
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	3720.0	41.7	2.6	44.3	74.0	-29.7	Peak	Horizontal
	4808.0	38.6	5.9	44.5	74.0	-29.5	Peak	Horizontal
*	7222.0	38.0	10.5	48.5	74.0	-25.5	Peak	Horizontal
*	7953.0	38.1	11.7	49.8	74.0	-24.2	Peak	Horizontal
	3728.5	43.7	2.6	46.3	74.0	-27.7	Peak	Vertical
	4816.5	38.2	5.8	44.0	74.0	-30.0	Peak	Vertical
*	5658.0	37.1	6.4	43.5	74.0	-30.5	Peak	Vertical
*	7876.5	36.0	11.2	47.2	74.0	-26.8	Peak	Vertical

Note 1: “*” means test frequency didn't 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	Tablet	Test Engineer	Buter Shi
Test Site	AC1	Test Date	2020/07/24
Test Mode	2DH5	Test Channel	39
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	5088.5	38.5	6.5	45.0	74.0	-29.0	Peak	Horizontal
	7443.0	37.2	11.0	48.2	74.0	-25.8	Peak	Horizontal
*	7927.5	36.5	11.4	47.9	74.0	-26.1	Peak	Horizontal
*	8811.5	36.2	13.3	49.5	74.0	-24.5	Peak	Horizontal
	4978.0	37.4	6.2	43.6	74.0	-30.4	Peak	Vertical
	5428.5	35.7	6.5	42.2	74.0	-31.8	Peak	Vertical
*	5887.5	38.7	6.9	45.6	74.0	-28.4	Peak	Vertical
*	6465.5	38.1	8.0	46.1	74.0	-27.9	Peak	Vertical

Note 1: “*” means test frequency didn't 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	Tablet	Test Engineer	Buter Shi
Test Site	AC1	Test Date	2020/07/24
Test Mode	2DH5	Test Channel	78
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	3728.5	39.3	2.6	41.9	74.0	-32.1	Peak	Horizontal
	4816.5	38.0	5.8	43.8	74.0	-30.2	Peak	Horizontal
*	6899.0	38.2	8.9	47.1	74.0	-26.9	Peak	Horizontal
*	7842.5	37.1	11.0	48.1	74.0	-25.9	Peak	Horizontal
	3720.0	45.3	2.6	47.9	74.0	-26.1	Peak	Vertical
	4680.5	41.2	5.1	46.3	74.0	-27.7	Peak	Vertical
*	6423.0	37.6	8.3	45.9	74.0	-28.1	Peak	Vertical
*	7876.5	37.6	11.2	48.8	74.0	-25.2	Peak	Vertical

Note 1: “*” means test frequency didn't 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	Tablet	Test Engineer	Buter Shi
Test Site	AC1	Test Date	2020/07/24
Test Mode	3DH5	Test Channel	00
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	3813.5	38.8	3.0	41.8	74.0	-32.2	Peak	Horizontal
	4816.5	37.9	5.8	43.7	74.0	-30.3	Peak	Horizontal
*	6423.0	37.0	8.3	45.3	74.0	-28.7	Peak	Horizontal
*	7953.0	37.4	11.7	49.1	74.0	-24.9	Peak	Horizontal
	3728.5	43.1	2.6	45.7	74.0	-28.3	Peak	Vertical
	4986.5	39.2	6.4	45.6	74.0	-28.4	Peak	Vertical
*	6797.0	37.1	8.7	45.8	74.0	-28.2	Peak	Vertical
*	8012.5	37.5	11.4	48.9	74.0	-25.1	Peak	Vertical

Note 1: “*” means test frequency didn't 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	Tablet	Test Engineer	Buter Shi
Test Site	AC1	Test Date	2020/07/24
Test Mode	3DH5	Test Channel	39
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	5080.0	37.1	6.3	43.4	74.0	-30.6	Peak	Horizontal
	5411.5	34.4	6.6	41.0	74.0	-33.0	Peak	Horizontal
*	6584.5	35.9	8.7	44.6	74.0	-29.4	Peak	Horizontal
*	7069.0	36.0	10.1	46.1	74.0	-27.9	Peak	Horizontal
	4969.5	36.7	6.1	42.8	74.0	-31.2	Peak	Vertical
	5386.0	34.9	6.3	41.2	74.0	-32.8	Peak	Vertical
*	6499.5	37.0	8.4	45.4	74.0	-28.6	Peak	Vertical
*	7111.5	35.9	10.5	46.4	74.0	-27.6	Peak	Vertical

Note 1: “*” means test frequency didn't 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	Tablet	Test Engineer	Buter Shi
Test Site	AC1	Test Date	2020/07/24
Test Mode	3DH5	Test Channel	78
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4060.0	37.7	3.5	41.2	74.0	-32.8	Peak	Horizontal
	4808.0	38.0	5.9	43.9	74.0	-30.1	Peak	Horizontal
*	6397.5	38.6	7.8	46.4	74.0	-27.6	Peak	Horizontal
*	7919.0	36.8	11.3	48.1	74.0	-25.9	Peak	Horizontal
	3728.5	44.3	2.6	46.9	74.0	-27.1	Peak	Vertical
	4825.0	38.9	5.8	44.7	74.0	-29.3	Peak	Vertical
*	6567.5	36.8	8.6	45.4	74.0	-28.6	Peak	Vertical
*	7885.0	36.8	11.1	47.9	74.0	-26.1	Peak	Vertical

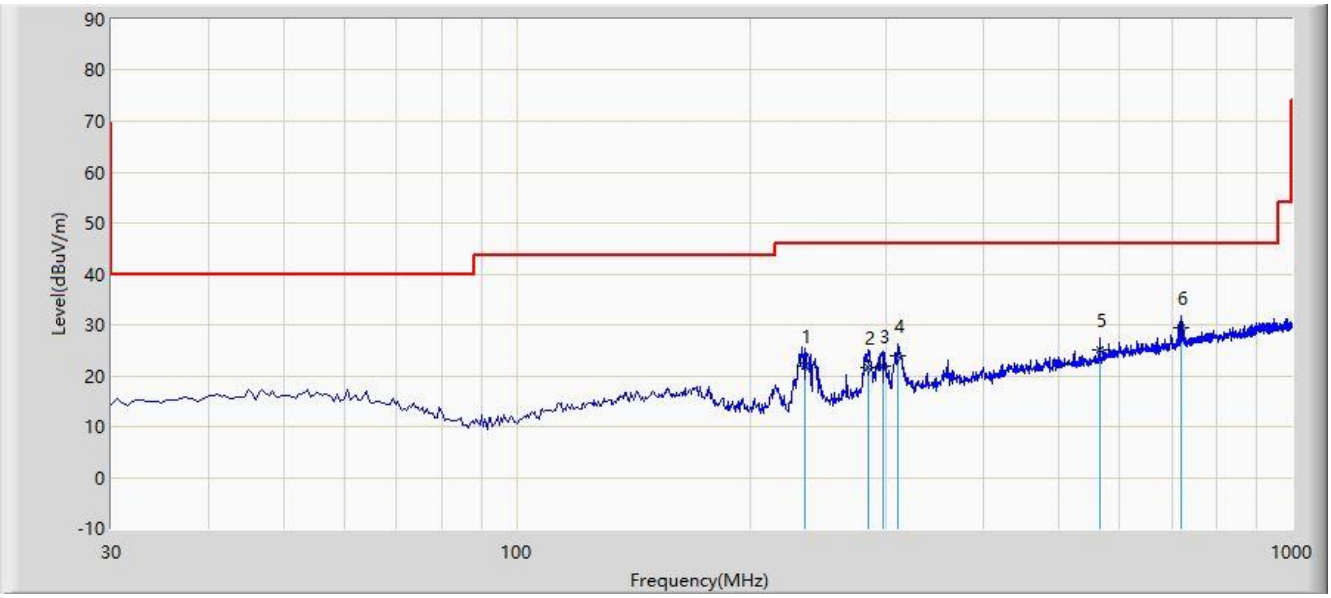
Note 1: “*” means test frequency didn't fall into restricted band.

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

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

The Result of Radiated Emission below 1GHz:

Site: AC1	Time: 2020/07/24 - 14:40
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: AC1_VULB 9168 _30-1000MHz	Polarity: Horizontal
EUT: Tablet	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 Mode at Channel 2480MHz	



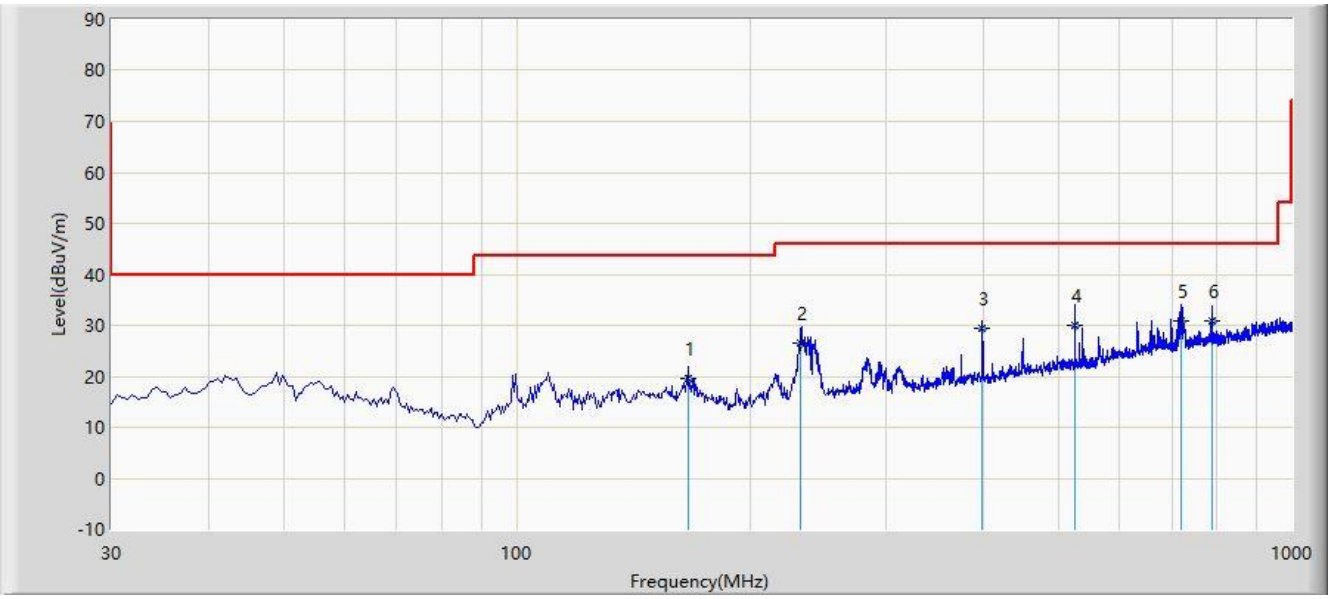
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			235.650	21.923	9.700	-24.077	46.000	12.223	QP
2			284.150	21.481	7.020	-24.519	46.000	14.461	QP
3			296.750	21.744	7.020	-24.256	46.000	14.724	QP
4			310.820	23.777	8.610	-22.223	46.000	15.167	QP
5			565.940	25.073	4.280	-20.927	46.000	20.794	QP
6		*	720.160	29.555	6.050	-16.445	46.000	23.505	QP

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

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

Note 2: The amplitude of radiated emissions (frequency range from 9kHz to 30MHz and 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: AC1	Time: 2020/07/24 - 14:45
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: AC1_VULB 9168 _30-1000MHz	Polarity: Vertical
EUT: Tablet	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 Mode at Channel 2480MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			166.280	19.603	5.280	-23.897	43.500	14.323	QP
2			232.220	26.390	14.690	-19.610	46.000	11.700	QP
3			398.600	29.357	12.030	-16.643	46.000	17.327	QP
4			525.180	30.107	10.040	-15.893	46.000	20.067	QP
5			720.160	30.745	7.240	-15.255	46.000	23.505	QP
6		*	787.570	30.954	6.110	-15.046	46.000	24.844	QP

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

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

Note 2: The amplitude of radiated emissions (frequency range from 9kHz to 30MHz and 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.

7.10. Radiated Restricted Band Edge Measurement

7.10.1. Test Limit

For 15.205 requirement:

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

Frequency (MHz)	Frequency (MHz)	Frequency (MHz)	Frequency (GHz)
0.090 - 0.110	16.42 - 16.423	399.9 - 410	4.5 - 5.15
[1] 0.495 - 0.505	16.69475 - 16.69525	608 - 614	5.35 - 5.46
2.1735 - 2.1905	16.80425 - 16.80475	960 - 1240	7.25 - 7.75
4.125 - 4.128	25.5 - 25.67	1300 - 1427	8.025 - 8.5
4.17725 - 4.17775	37.5 - 38.25	1435 - 1626.5	9.0 - 9.2
4.20725 - 4.20775	73 - 74.6	1645.5 - 1646.5	9.3 - 9.5
6.215 - 6.218	74.8 - 75.2	1660 - 1710	10.6 - 12.7
6.26775 - 6.26825	108 - 121.94	1718.8 - 1722.2	13.25 - 13.4
6.31175 - 6.31225	123 - 138	2200 - 2300	14.47 - 14.5
8.291 - 8.294	149.9 - 150.05	2310 – 2390	15.35 - 16.2
8.362 - 8.366	156.52475 - 156.52525	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 47 CFR must not exceed the limits shown in Table per Section 15.209.

FCC Part 15 Subpart C Paragraph 15.209		
Frequency (MHz)	Field Strength (μV/m)	Measured Distance (m)
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

7.10.2.Test Procedure Used

ANSI C63.10-2013 - Section 6.3

ANSI C63.10-2013 - Section 6.6

ANSI C63.10-2013 Section 6.10

7.10.3.Test Setting

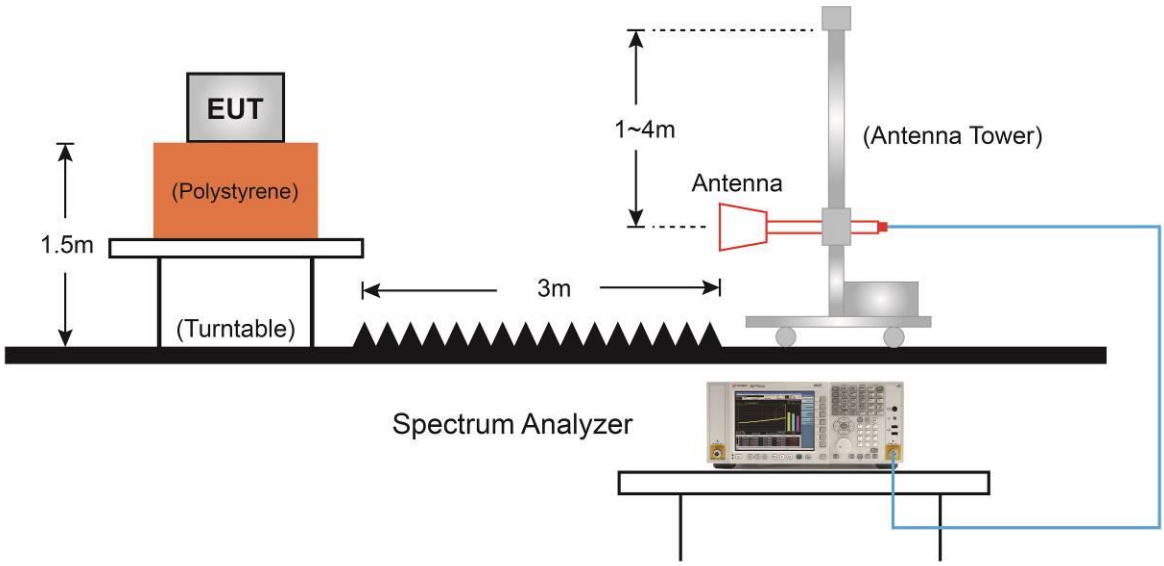
Peak Field Strength Measurements

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

Average Measurements above 1GHz (Method VB)

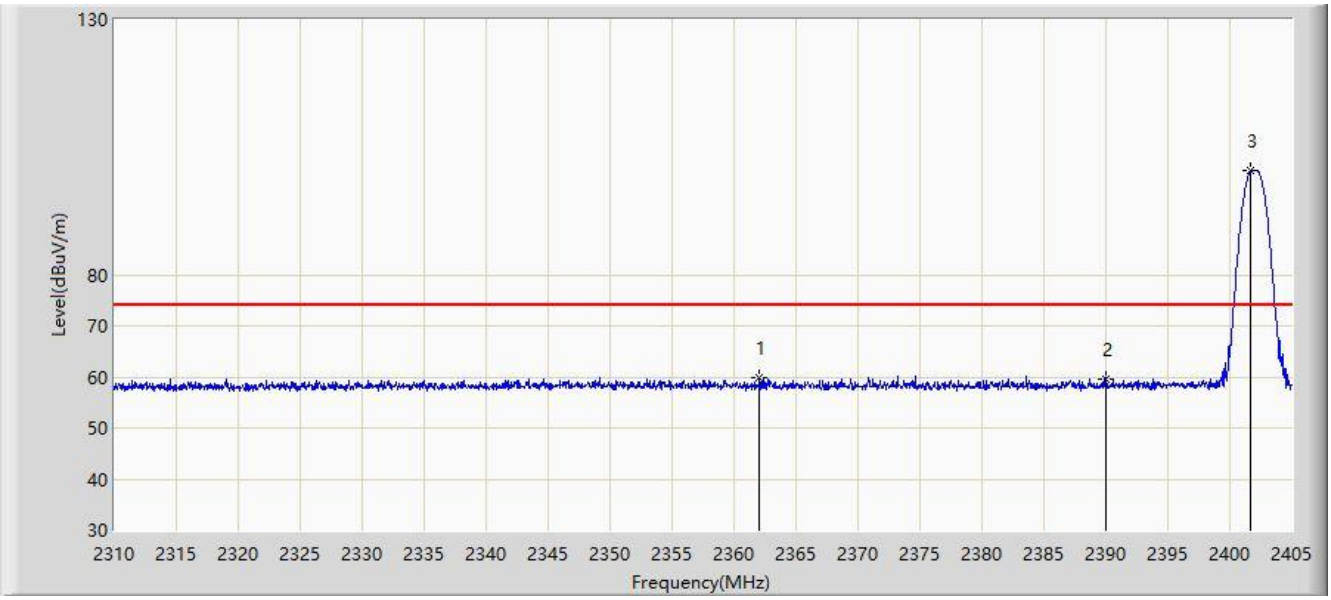
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW; If the EUT is configured to transmit with duty cycle ≥ 98%, set VBW = 10Hz
4. If the EUT duty cycle is < 98%, set VBW ≥ 1/T. T is the minimum transmission duration
5. Detector = Peak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

7.10.4.Test Setup



7.10.5.Test Result

Site: AC1	Time: 2020/07/22 - 23:31
Limit: FCC_Part15_Band Edge(3m)	Engineer: Dillon Diao
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Tablet	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at Channel 2402 MHz	

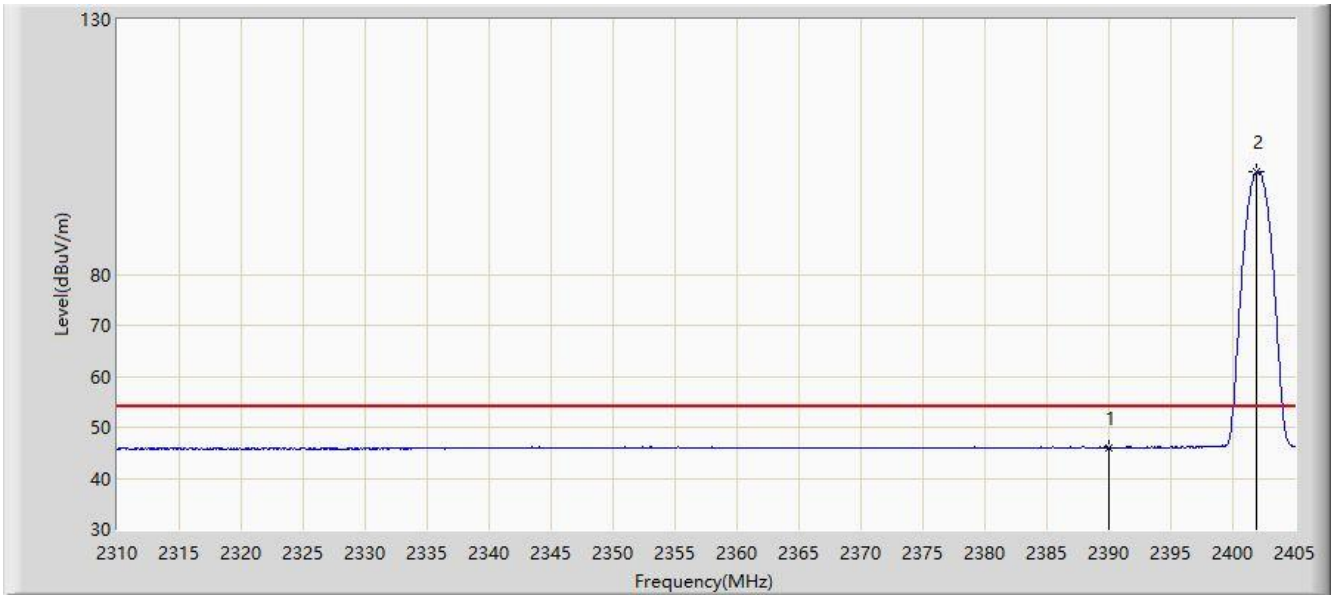


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2362.060	59.853	27.097	-14.147	74.000	32.756	PK
2			2390.000	59.591	26.879	-14.409	74.000	32.712	PK
3		*	2401.722	100.351	67.607	N/A	N/A	32.744	PK

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

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

Site: AC1	Time: 2020/07/22 - 23:32
Limit: FCC_Part15_Band Edge(3m)	Engineer: Dillon Diao
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Tablet	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at Channel 2402 MHz	

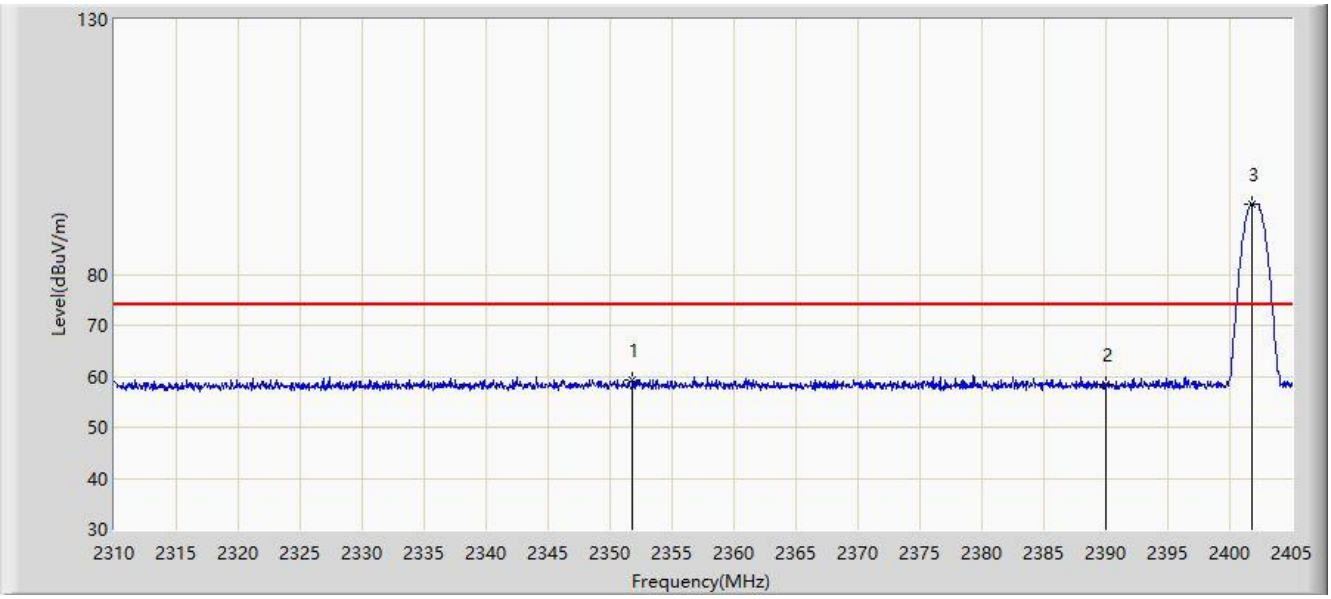


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	45.978	13.266	-8.022	54.000	32.712	AV
2		*	2401.913	100.104	67.360	N/A	N/A	32.744	AV

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

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

Site: AC1	Time: 2020/07/22 - 23:36
Limit: FCC_Part15_Band Edge(3m)	Engineer: Dillon Diao
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Tablet	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at Channel 2402 MHz	

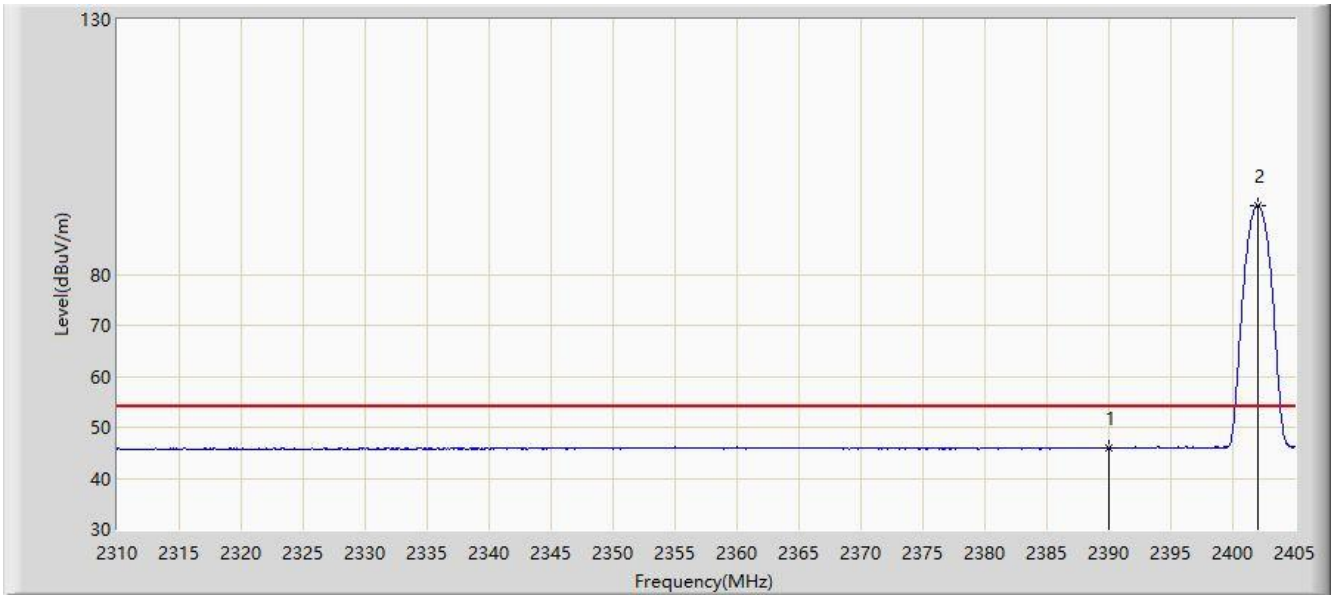


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2351.800	59.398	26.616	-14.602	74.000	32.782	PK
2			2390.000	58.304	25.592	-15.696	74.000	32.712	PK
3		*	2401.770	93.839	61.095	N/A	N/A	32.744	PK

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

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

Site: AC1	Time: 2020/07/22 - 23:37
Limit: FCC_Part15_Band Edge(3m)	Engineer: Dillon Diao
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Tablet	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at Channel 2402 MHz	

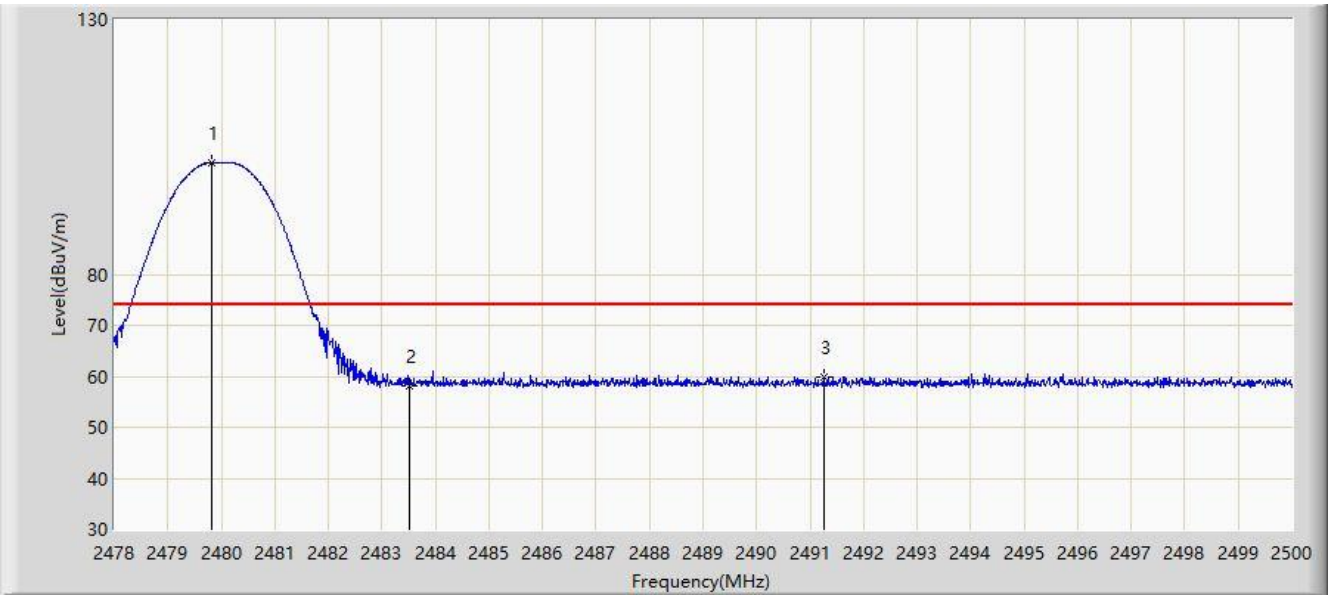


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	45.930	13.218	-8.070	54.000	32.712	AV
2		*	2402.008	93.531	60.787	N/A	N/A	32.744	AV

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

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

Site: AC1	Time: 2020/07/22 - 23:39
Limit: FCC_Part15_Band Edge(3m)	Engineer: Dillon Diao
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Tablet	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at Channel 2480 MHz	

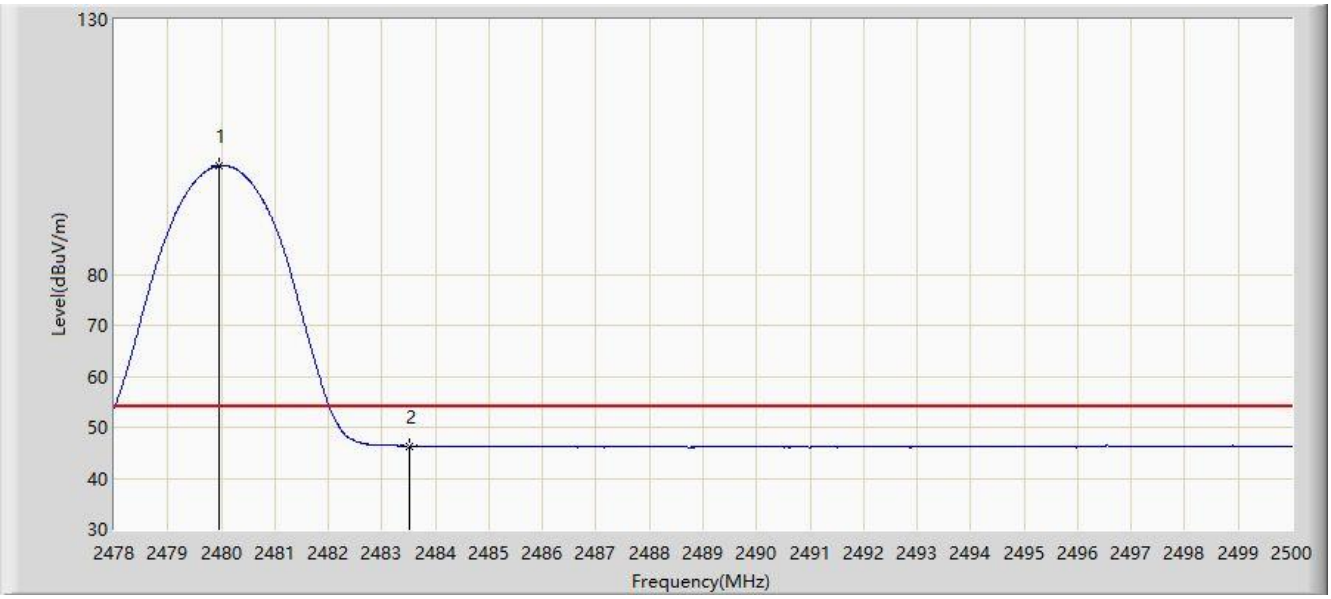


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.826	101.904	69.222	N/A	N/A	32.682	PK
2			2483.500	58.035	25.385	-15.965	74.000	32.651	PK
3			2491.255	59.826	27.210	-14.174	74.000	32.617	PK

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

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

Site: AC1	Time: 2020/07/22 - 23:42
Limit: FCC_Part15_Band Edge(3m)	Engineer: Dillon Diao
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Tablet	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at Channel 2480 MHz	

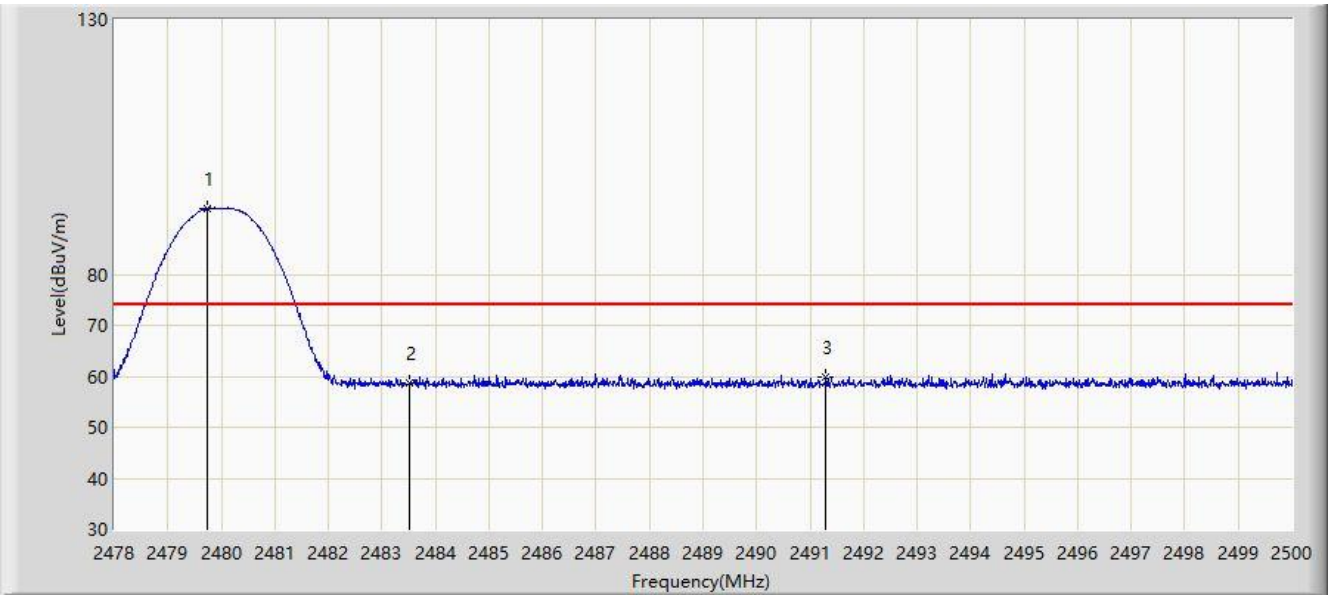


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.958	101.290	68.609	N/A	N/A	32.682	AV
2			2483.500	46.359	13.709	-7.641	54.000	32.651	AV

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

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

Site: AC1	Time: 2020/07/22 - 23:42
Limit: FCC_Part15_Band Edge(3m)	Engineer: Dillon Diao
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Tablet	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at Channel 2480 MHz	

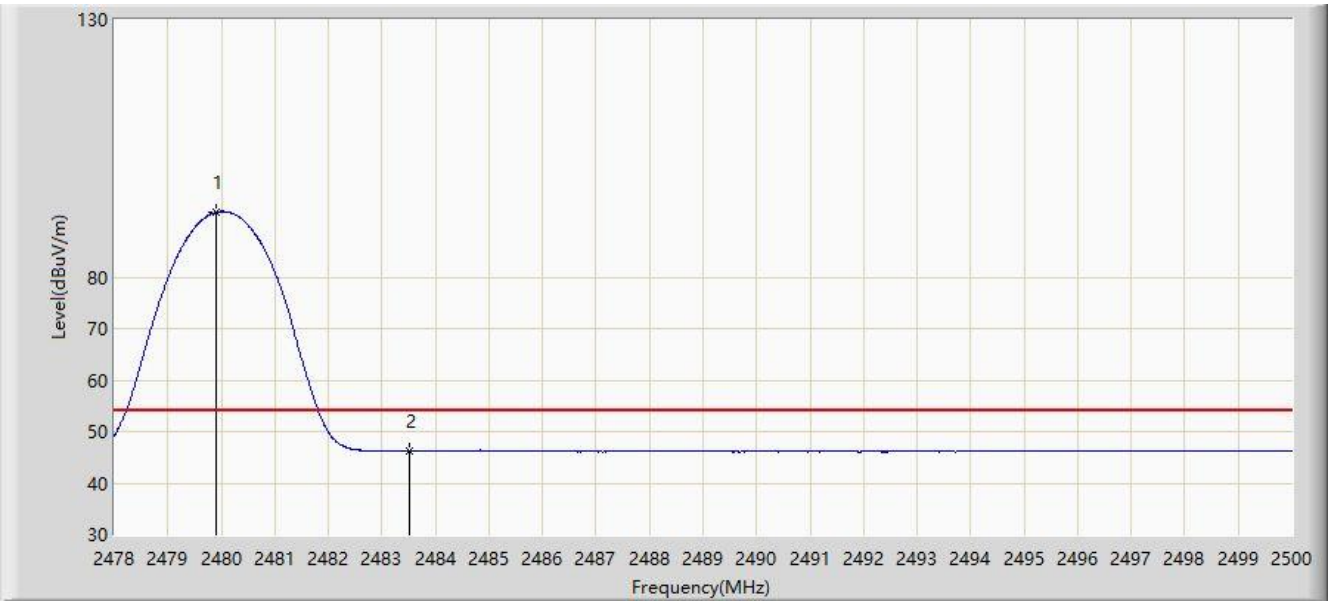


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.749	92.950	60.267	N/A	N/A	32.683	PK
2			2483.500	58.731	26.081	-15.269	74.000	32.651	PK
3			2491.299	59.716	27.100	-14.284	74.000	32.617	PK

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

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

Site: AC1	Time: 2020/07/22 - 23:44
Limit: FCC_Part15_Band Edge(3m)	Engineer: Dillon Diao
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Tablet	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at Channel 2480 MHz	

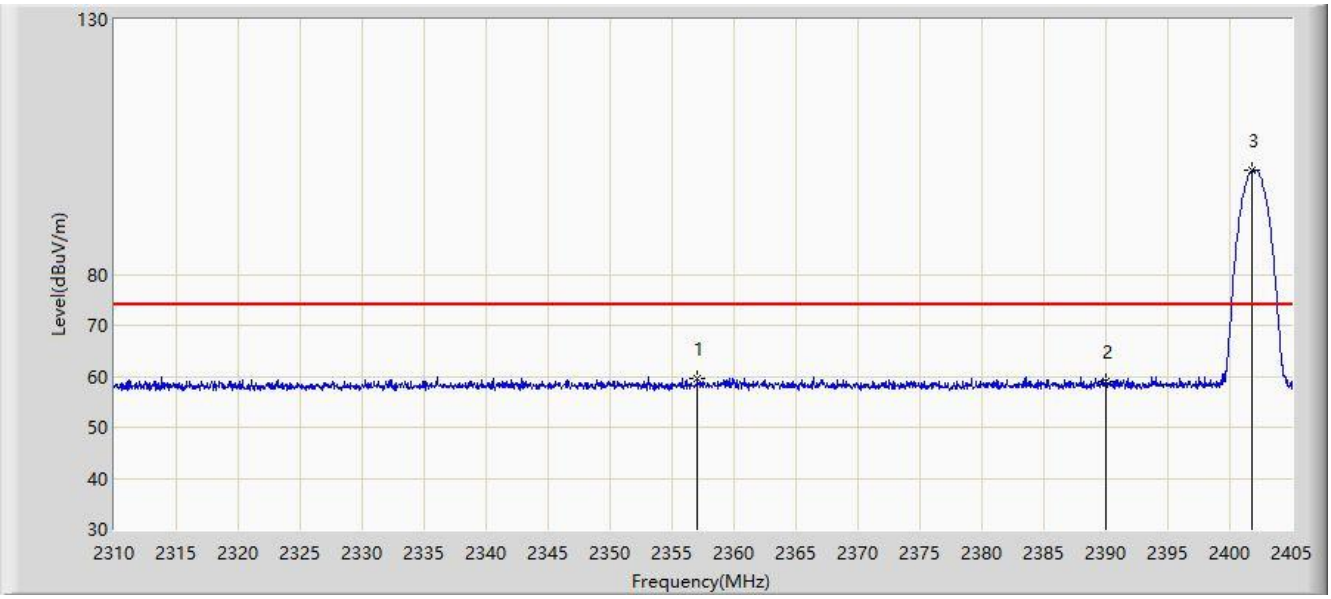


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.903	92.605	59.923	N/A	N/A	32.682	AV
2			2483.500	46.205	13.555	-7.795	54.000	32.651	AV

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

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

Site: AC1	Time: 2020/07/22 - 23:46
Limit: FCC_Part15_Band Edge(3m)	Engineer: Dillon Diao
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Tablet	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at Channel 2402 MHz	

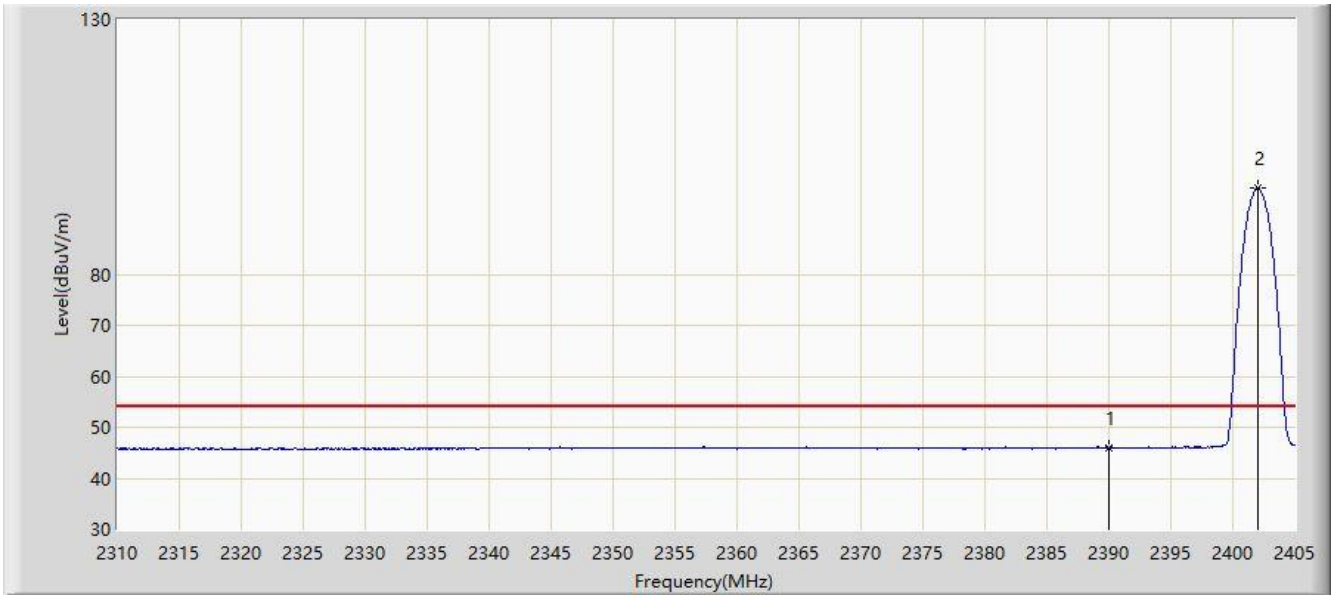


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2357.025	59.625	26.855	-14.375	74.000	32.770	PK
2			2390.000	58.915	26.203	-15.085	74.000	32.712	PK
3		*	2401.770	100.378	67.634	N/A	N/A	32.744	PK

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

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

Site: AC1	Time: 2020/07/22 - 23:48
Limit: FCC_Part15_Band Edge(3m)	Engineer: Dillon Diao
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Tablet	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at Channel 2402 MHz	

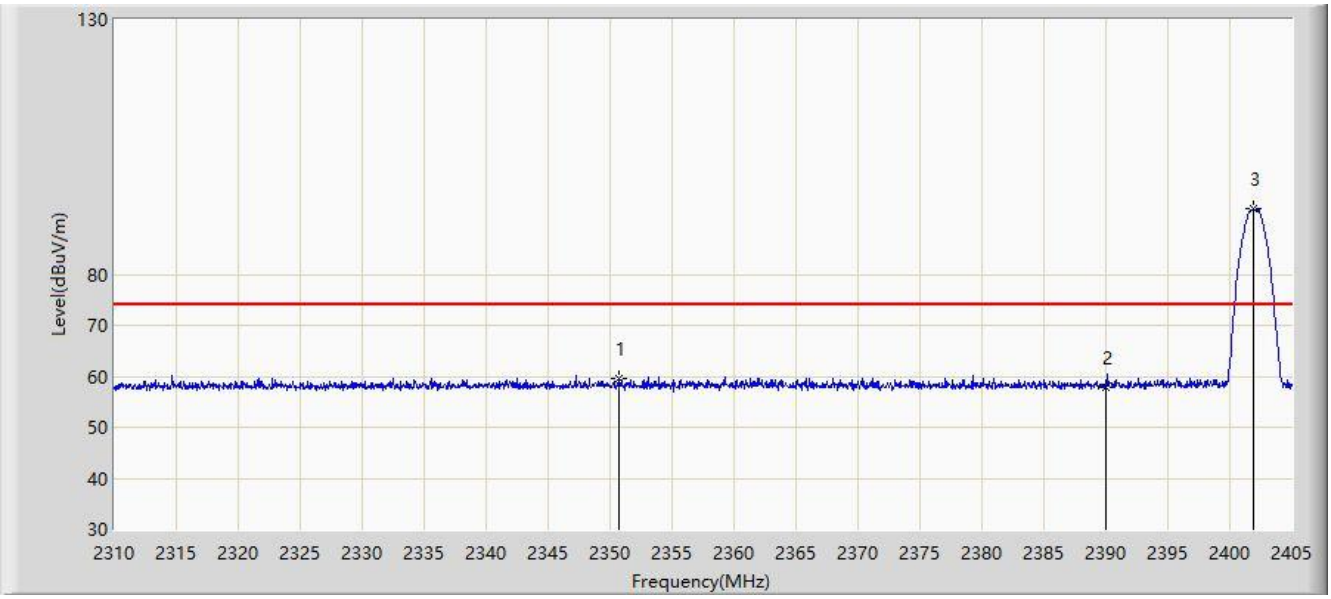


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	45.918	13.206	-8.082	54.000	32.712	AV
2		*	2402.008	96.927	64.183	N/A	N/A	32.744	AV

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

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

Site: AC1	Time: 2020/07/22 - 23:50
Limit: FCC_Part15_Band Edge(3m)	Engineer: Dillon Diao
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Tablet	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at Channel 2402 MHz	

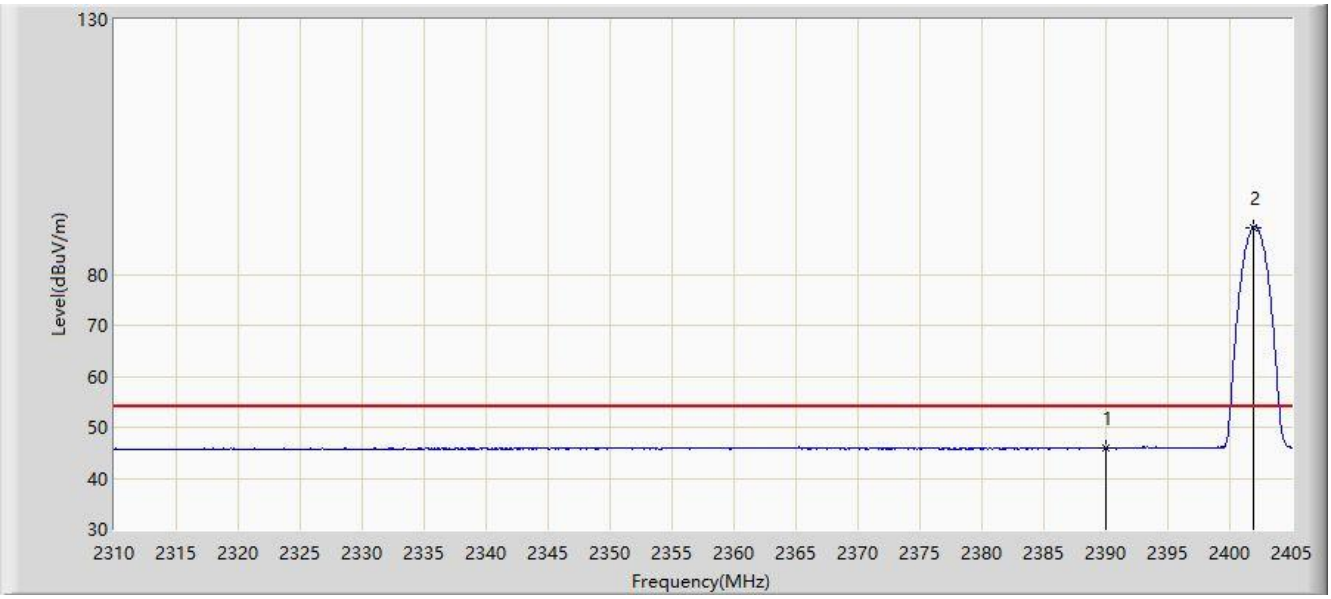


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2350.755	59.683	26.898	-14.317	74.000	32.785	PK
2			2390.000	57.859	25.147	-16.141	74.000	32.712	PK
3		*	2401.865	93.020	60.276	N/A	N/A	32.744	PK

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

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

Site: AC1	Time: 2020/07/22 - 23:52
Limit: FCC_Part15_Band Edge(3m)	Engineer: Dillon Diao
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Tablet	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at Channel 2402 MHz	

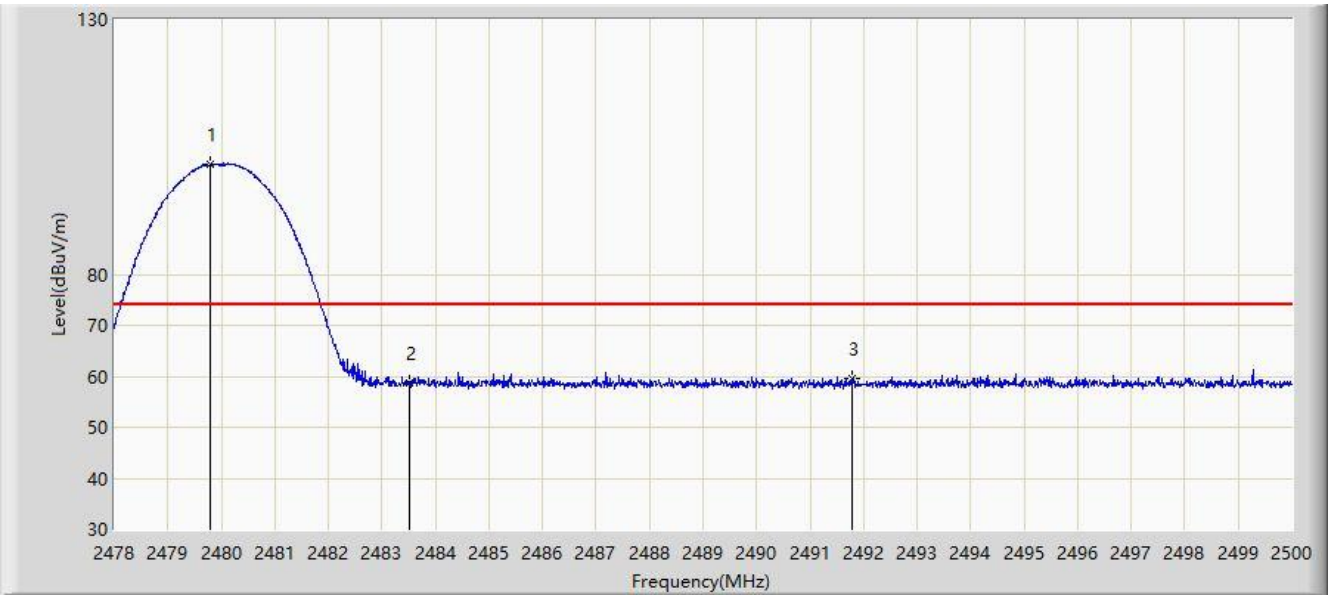


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	45.914	13.202	-8.086	54.000	32.712	AV
2		*	2401.865	89.198	56.454	N/A	N/A	32.744	AV

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

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

Site: AC1	Time: 2020/07/22 - 23:53
Limit: FCC_Part15_Band Edge(3m)	Engineer: Dillon Diao
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Tablet	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at Channel 2480 MHz	

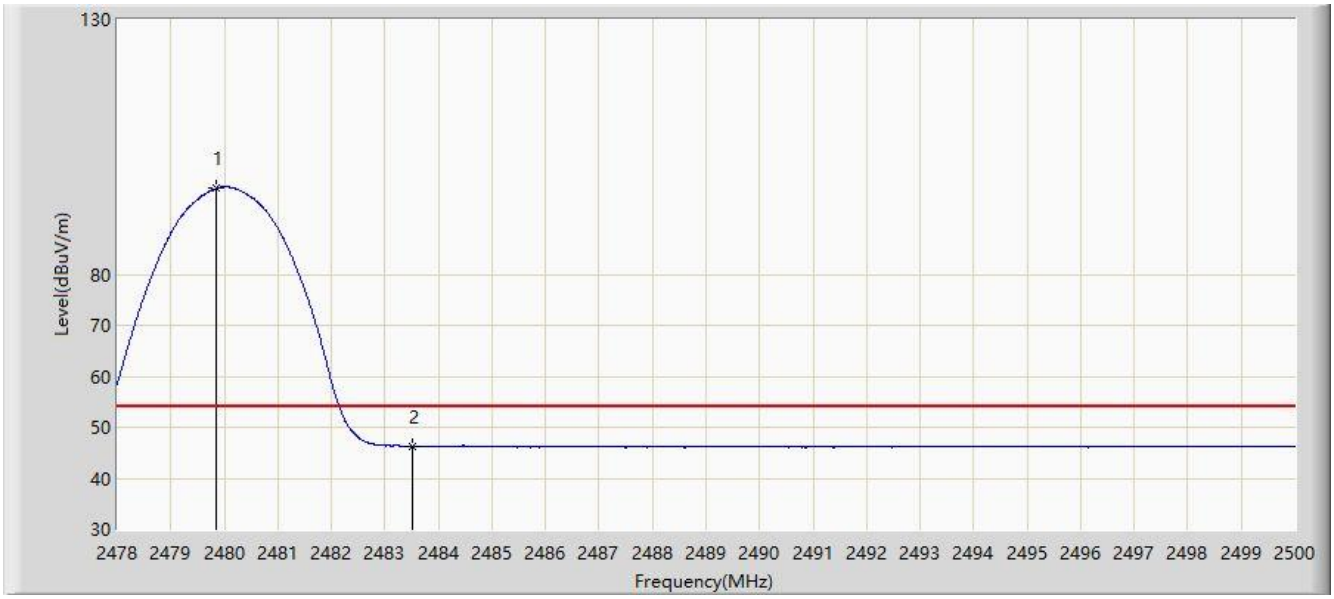


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.782	101.598	68.915	N/A	N/A	32.683	PK
2			2483.500	58.673	26.023	-15.327	74.000	32.651	PK
3			2491.772	59.659	27.042	-14.341	74.000	32.617	PK

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

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

Site: AC1	Time: 2020/07/22 - 23:55
Limit: FCC_Part15_Band Edge(3m)	Engineer: Dillon Diao
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Tablet	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at Channel 2480 MHz	

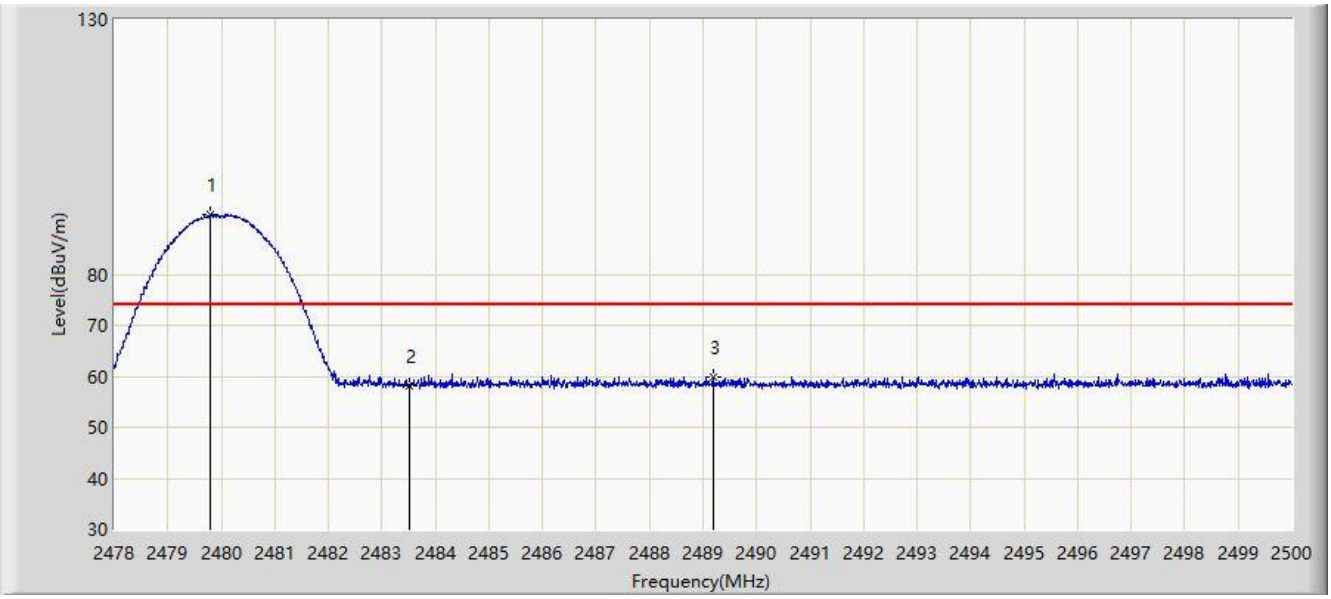


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.859	96.929	64.247	N/A	N/A	32.682	AV
2			2483.500	46.355	13.705	-7.645	54.000	32.651	AV

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

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

Site: AC1	Time: 2020/07/22 - 23:57
Limit: FCC_Part15_Band Edge(3m)	Engineer: Dillon Diao
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Tablet	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at Channel 2480 MHz	

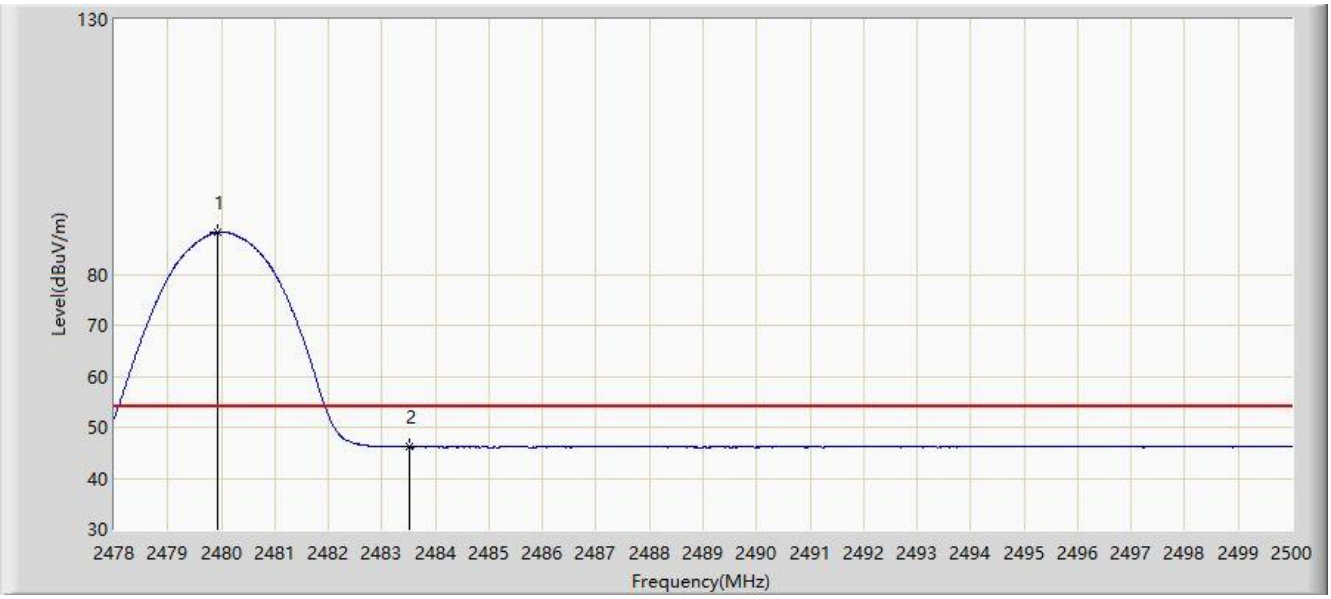


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.782	91.663	58.980	N/A	N/A	32.683	PK
2			2483.500	58.046	25.396	-15.954	74.000	32.651	PK
3			2489.187	59.828	27.212	-14.172	74.000	32.616	PK

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

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

Site: AC1	Time: 2020/07/22 - 23:58
Limit: FCC_Part15_Band Edge(3m)	Engineer: Dillon Diao
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Tablet	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at Channel 2480 MHz	

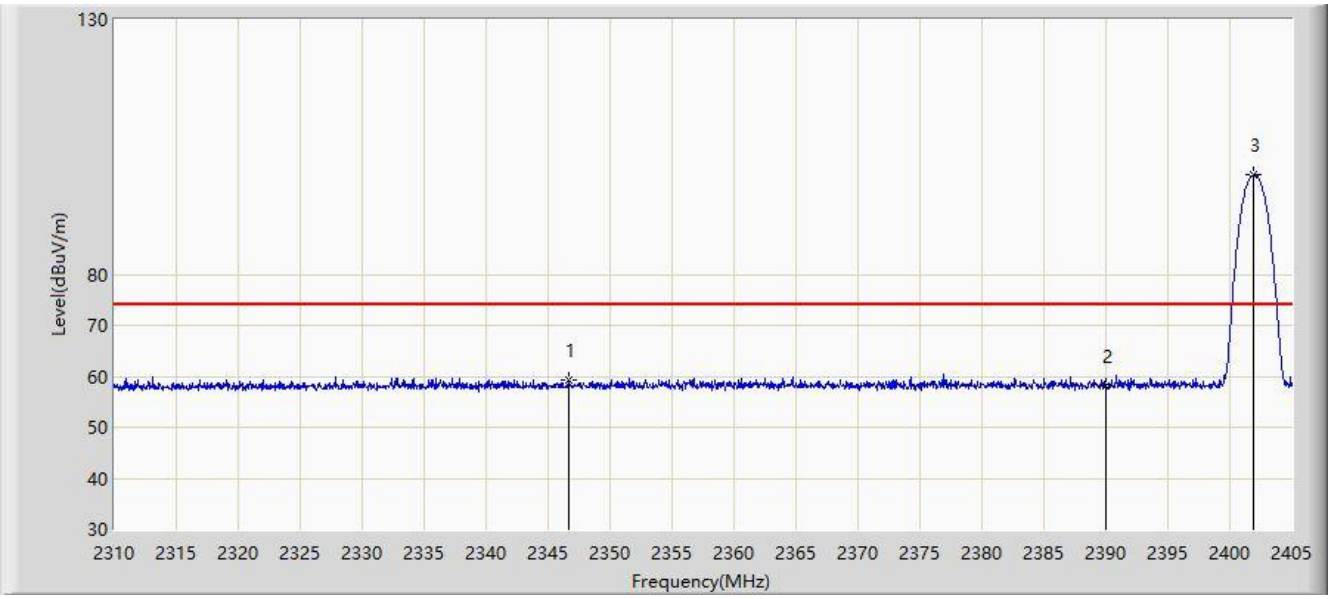


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.925	88.240	55.559	N/A	N/A	32.682	AV
2			2483.500	46.127	13.477	-7.873	54.000	32.651	AV

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

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

Site: AC1	Time: 2020/07/23 - 00:00
Limit: FCC_Part15_Band Edge(3m)	Engineer: Dillon Diao
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Tablet	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at Channel 2402 MHz	

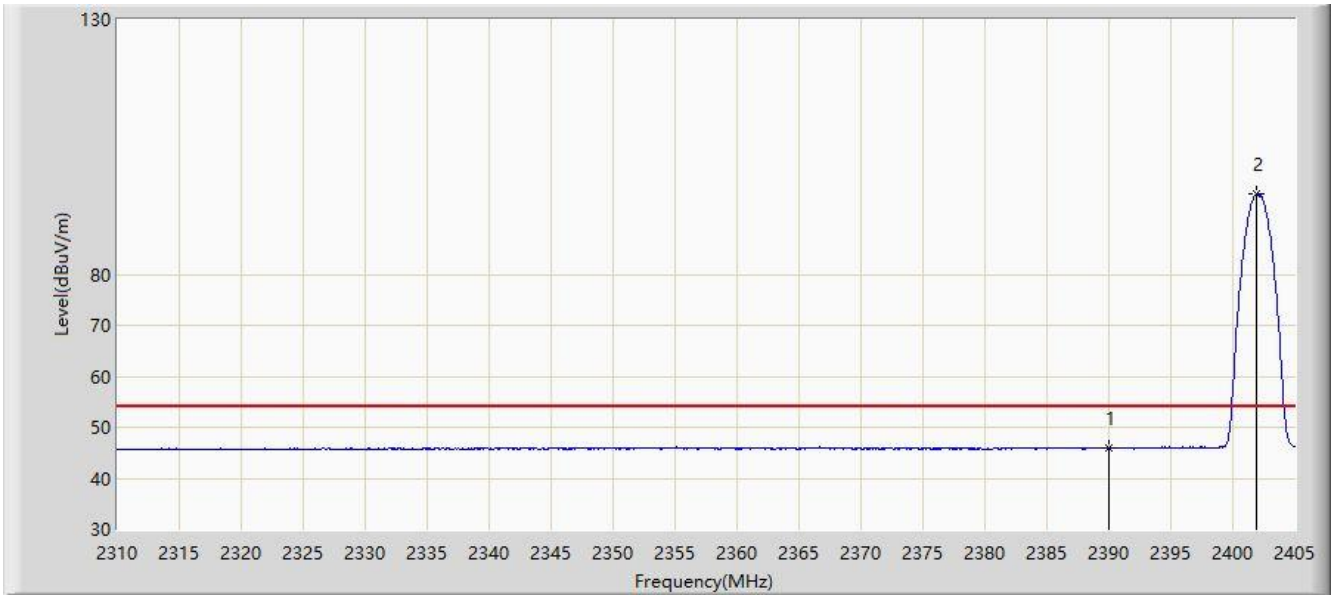


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2346.623	59.376	26.582	-14.624	74.000	32.794	PK
2			2390.000	58.185	25.473	-15.815	74.000	32.712	PK
3		*	2401.865	99.543	66.799	N/A	N/A	32.744	PK

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

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

Site: AC1	Time: 2020/07/23 - 00:02
Limit: FCC_Part15_Band Edge(3m)	Engineer: Dillon Diao
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Tablet	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at Channel 2402 MHz	

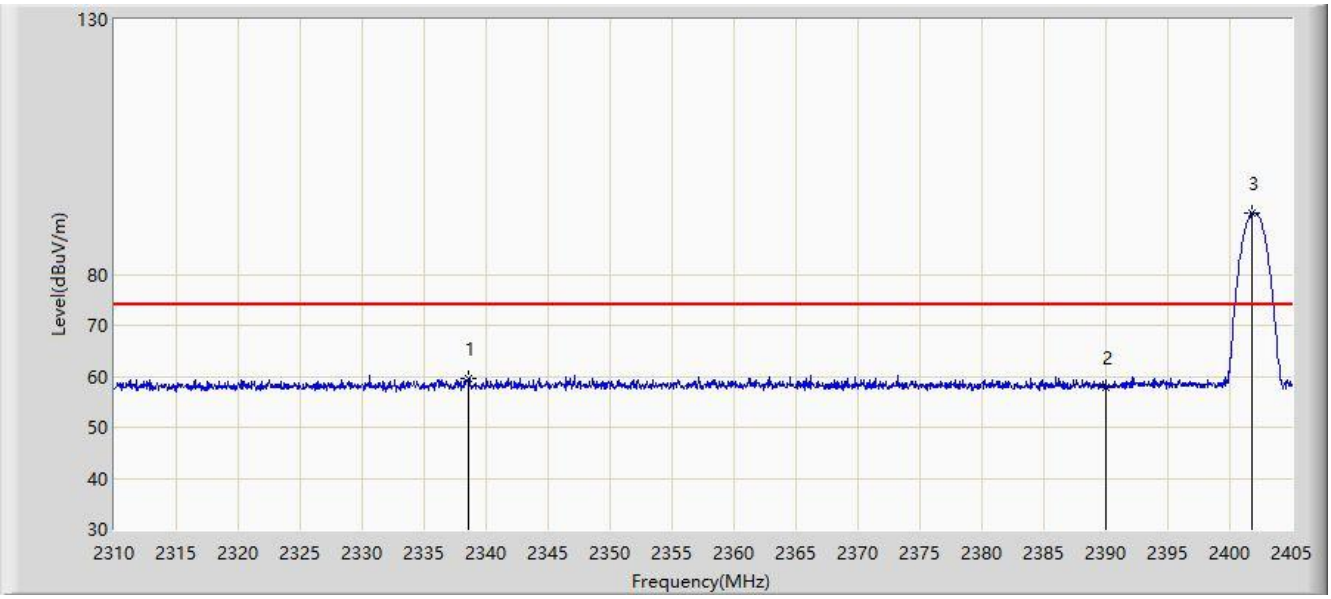


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	45.961	13.249	-8.039	54.000	32.712	AV
2		*	2401.865	95.688	62.944	N/A	N/A	32.744	AV

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

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

Site: AC1	Time: 2020/07/23 - 00:03
Limit: FCC_Part15_Band Edge(3m)	Engineer: Dillon Diao
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Tablet	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at Channel 2402 MHz	

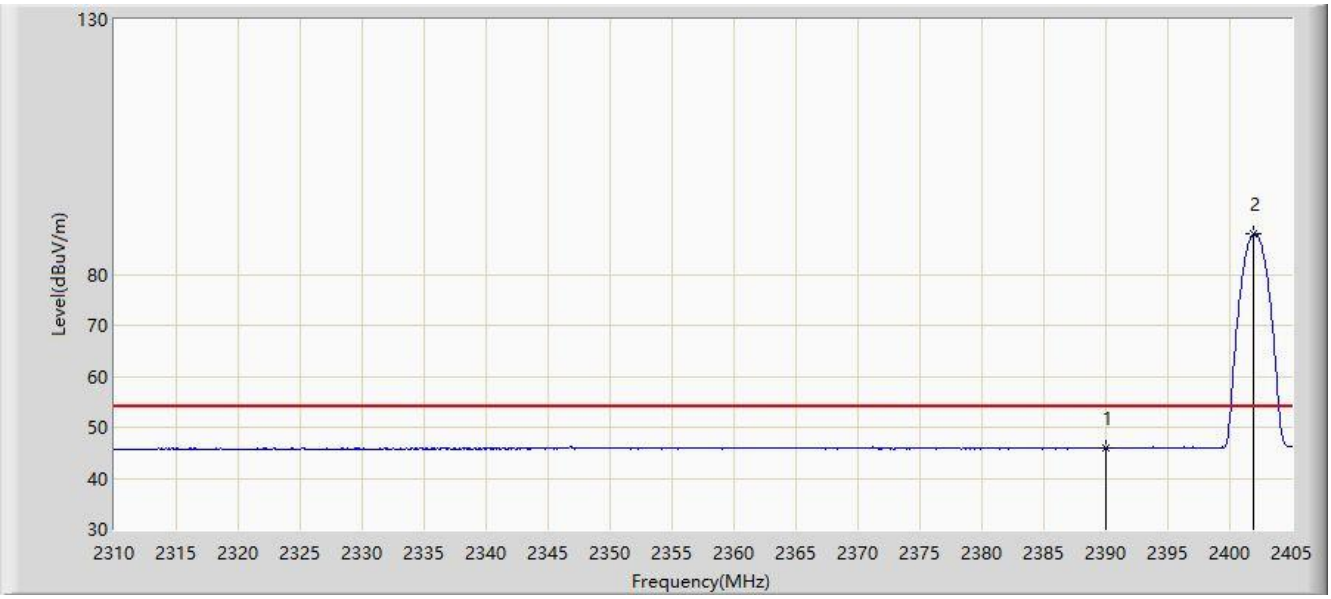


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2338.548	59.690	26.900	-14.310	74.000	32.790	PK
2			2390.000	57.717	25.005	-16.283	74.000	32.712	PK
3		*	2401.817	92.095	59.351	N/A	N/A	32.744	PK

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

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

Site: AC1	Time: 2020/07/23 - 00:04
Limit: FCC_Part15_Band Edge(3m)	Engineer: Dillon Diao
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Tablet	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at Channel 2402 MHz	

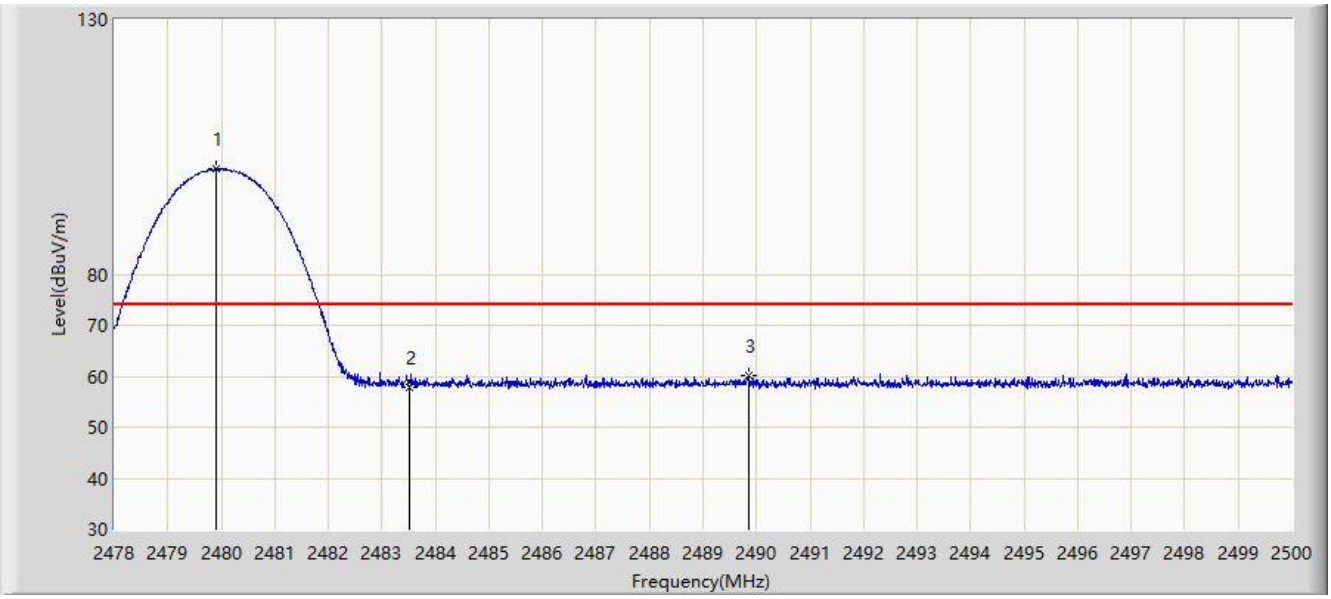


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	45.983	13.271	-8.017	54.000	32.712	AV
2		*	2401.960	87.941	55.197	N/A	N/A	32.744	AV

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

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

Site: AC1	Time: 2020/07/23 - 00:06
Limit: FCC_Part15_Band Edge(3m)	Engineer: Dillon Diao
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Tablet	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at Channel 2480 MHz	

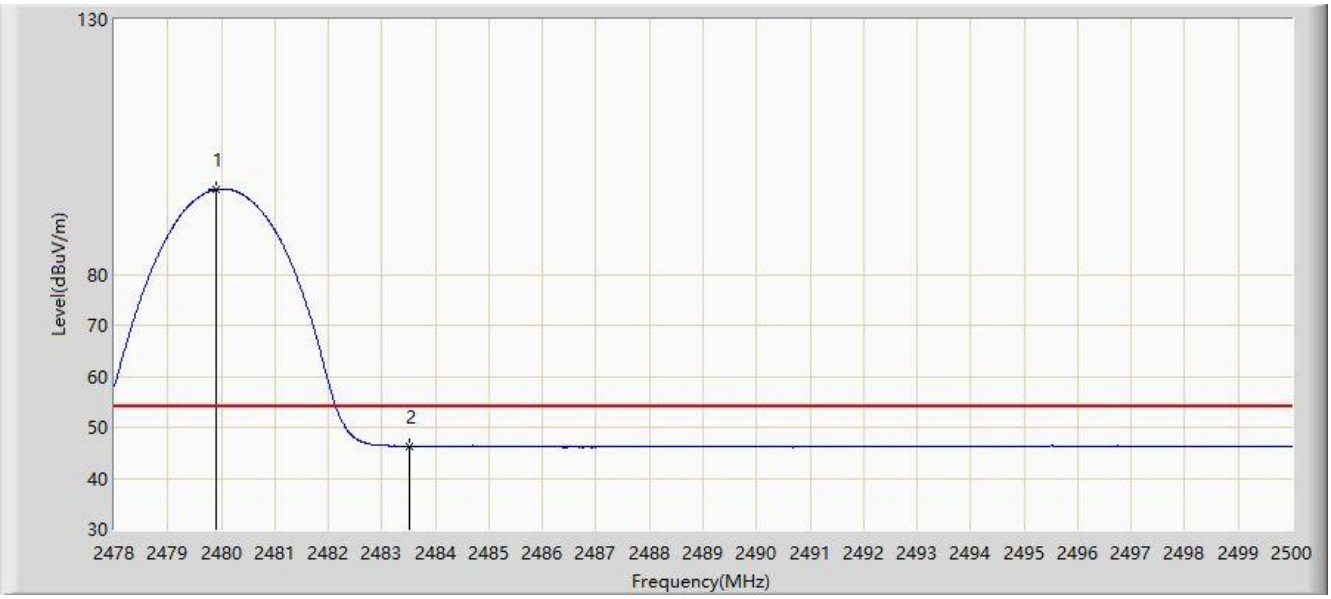


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.892	100.708	68.026	N/A	N/A	32.682	PK
2			2483.500	57.958	25.308	-16.042	74.000	32.651	PK
3			2489.847	60.108	27.492	-13.892	74.000	32.616	PK

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

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

Site: AC1	Time: 2020/07/23 - 00:07
Limit: FCC_Part15_Band Edge(3m)	Engineer: Dillon Diao
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Tablet	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at Channel 2480 MHz	

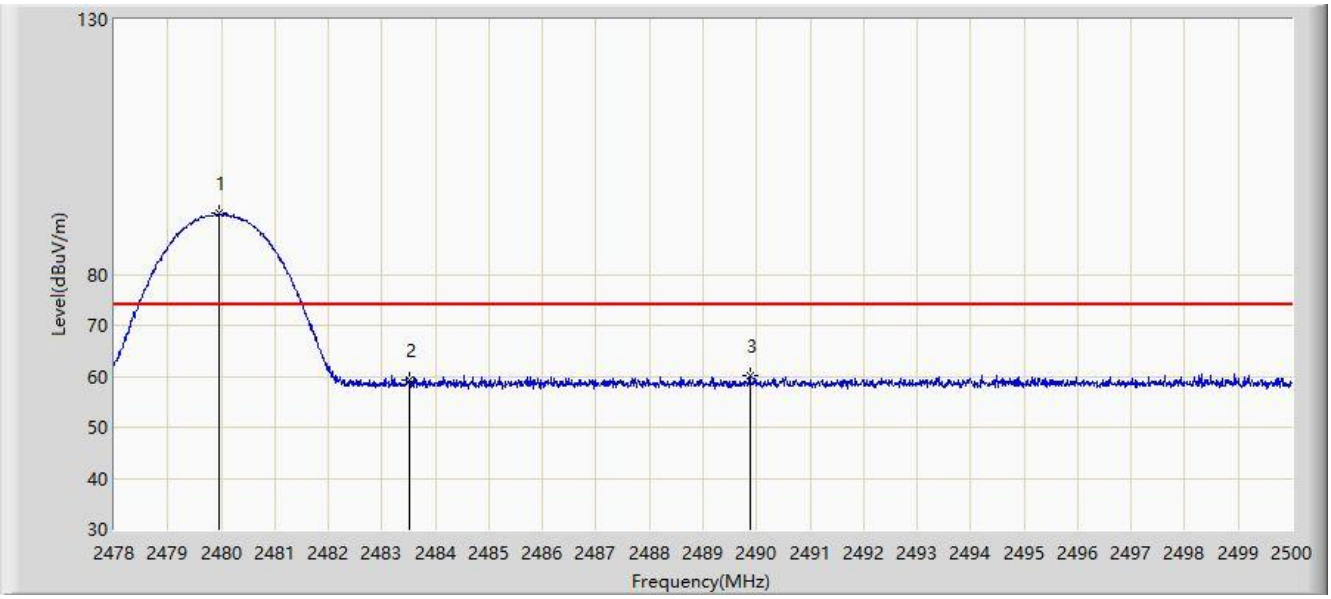


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.892	96.625	63.943	N/A	N/A	32.682	AV
2			2483.500	46.218	13.568	-7.782	54.000	32.651	AV

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

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

Site: AC1	Time: 2020/07/23 - 00:08
Limit: FCC_Part15_Band Edge(3m)	Engineer: Dillon Diao
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Tablet	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at Channel 2480 MHz	

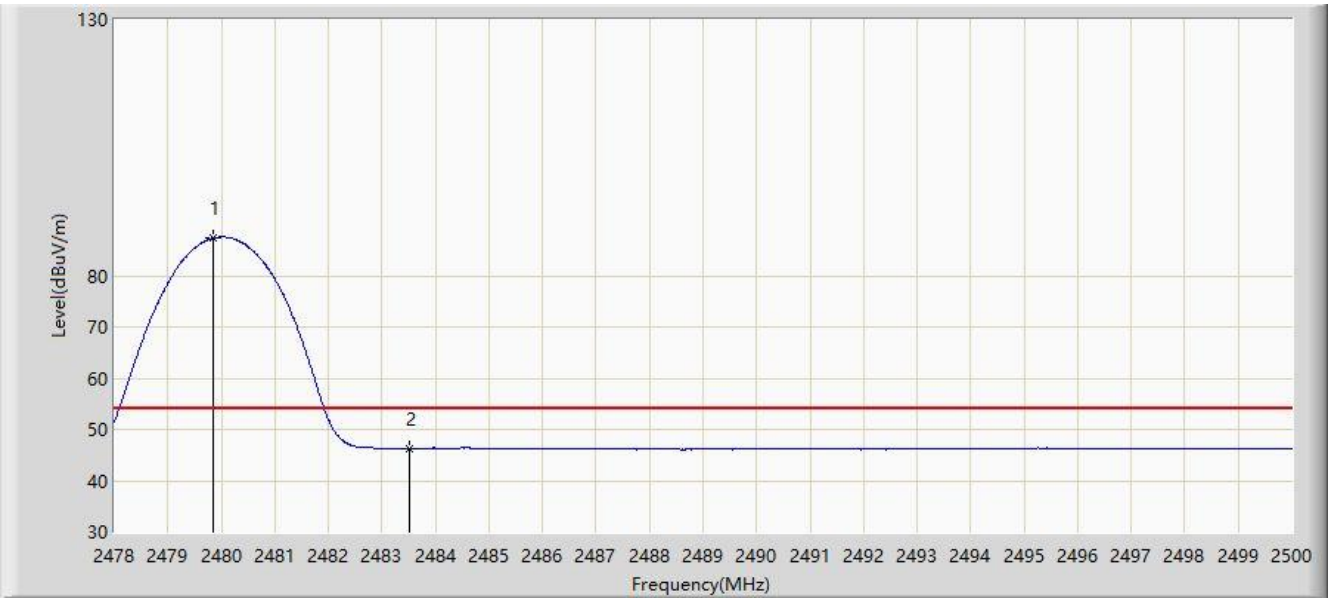


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.969	91.970	59.289	N/A	N/A	32.681	PK
2			2483.500	59.147	26.497	-14.853	74.000	32.651	PK
3			2489.869	60.136	27.520	-13.864	74.000	32.616	PK

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

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

Site: AC1	Time: 2020/07/23 - 00:09
Limit: FCC_Part15_Band Edge(3m)	Engineer: Dillon Diao
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Tablet	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at Channel 2480 MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.837	87.303	54.621	N/A	N/A	32.682	AV
2			2483.500	46.235	13.585	-7.765	54.000	32.651	AV

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

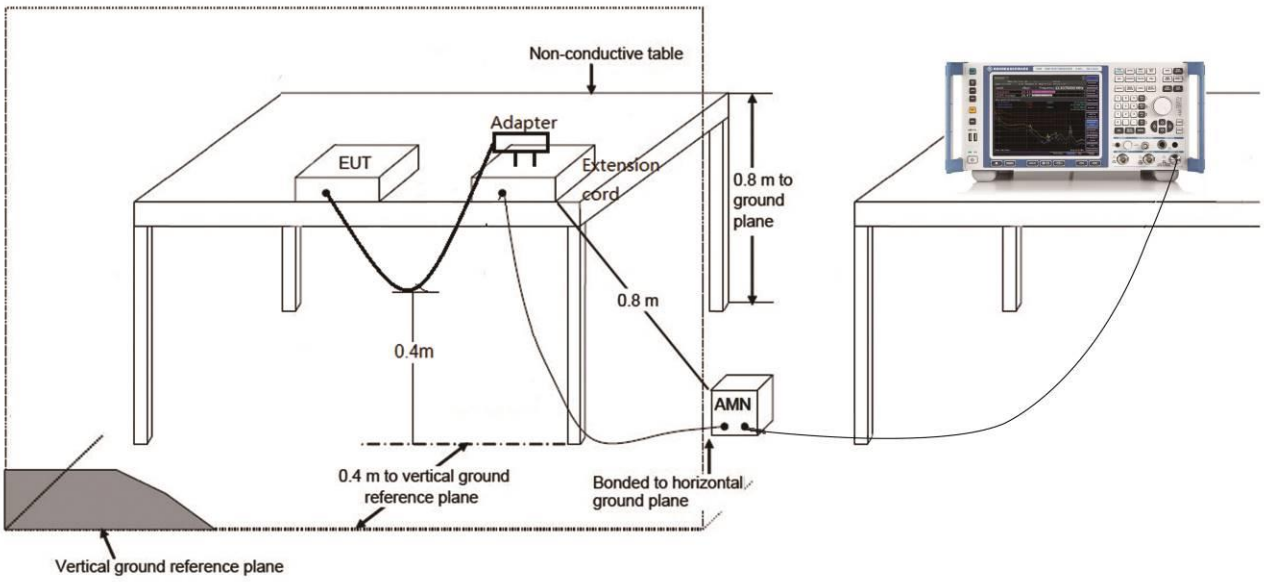
Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

7.11. AC Conducted Emissions Measurement

7.11.1.Test Limit

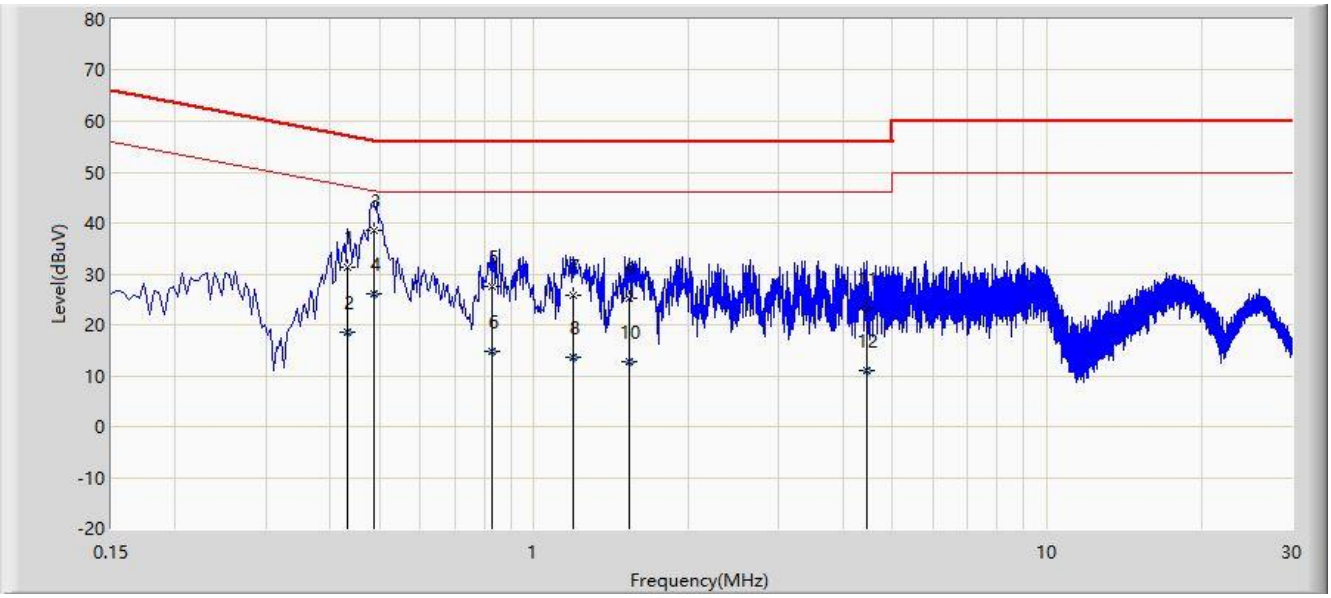
FCC Part 15 Subpart C Paragraph 15.207 Limits		
Frequency (MHz)	QP (dBμV)	Average (dBμV)
0.15 - 0.50	66 - 56	56 - 46
0.50 - 5.0	56	46
5.0 - 30	60	50
Note 1: The lower limit shall apply at the transition frequencies. Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.		

7.11.2.Test Setup



7.11.3.Test Result

Site: SR2	Time: 2020/07/27 - 19:25
Limit: FCC_Part15.207_CE_AC Power	Engineer: Antony Yang
Probe: ENV216_101683_Filter On	Polarity: Line
EUT: Tablet	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at channel 2402MHz	

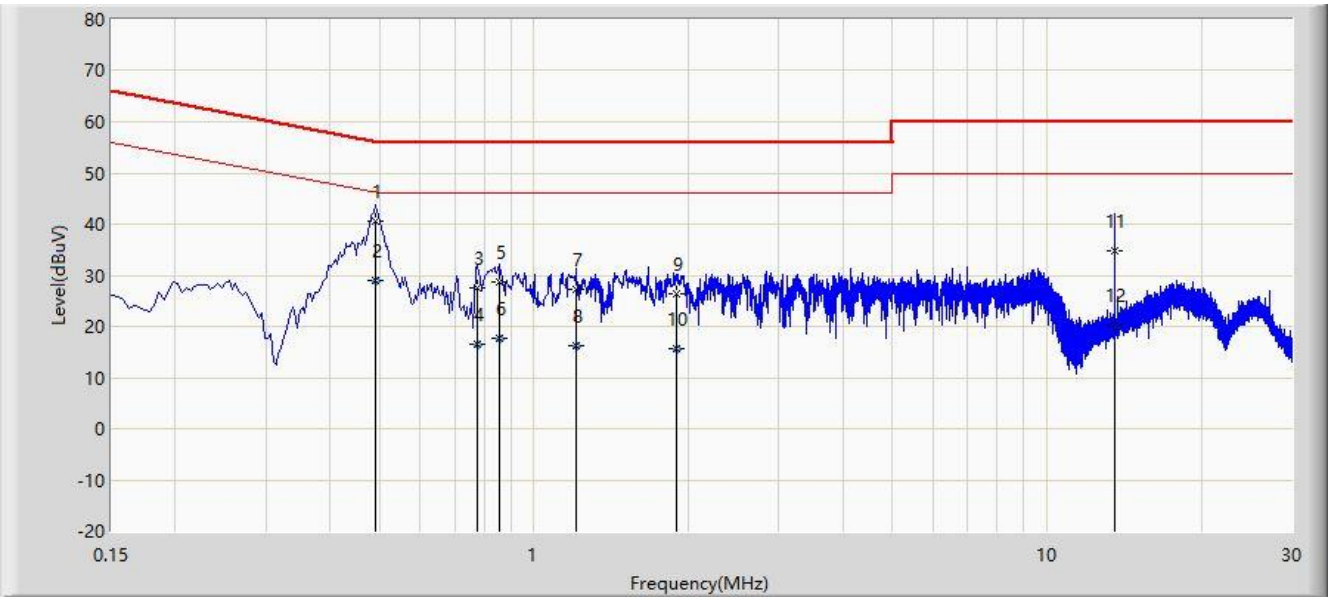


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV)	Factor (dB)	Type
1			0.434	31.439	21.716	-25.736	57.176	9.723	QP
2			0.434	18.609	8.886	-28.567	47.176	9.723	AV
3		*	0.486	38.580	28.847	-17.656	56.236	9.734	QP
4			0.486	25.989	16.256	-20.247	46.236	9.734	AV
5			0.830	27.408	17.607	-28.592	56.000	9.800	QP
6			0.830	14.853	5.052	-31.147	46.000	9.800	AV
7			1.190	25.753	15.886	-30.247	56.000	9.868	QP
8			1.190	13.598	3.730	-32.402	46.000	9.868	AV
9			1.530	25.343	15.475	-30.657	56.000	9.867	QP
10			1.530	12.775	2.908	-33.225	46.000	9.867	AV
11			4.442	23.193	13.097	-32.807	56.000	10.095	QP
12			4.442	10.872	0.776	-35.128	46.000	10.095	AV

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

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

Site: SR2	Time: 2020/07/27 - 19:27
Limit: FCC_Part15.207_CE_AC Power	Engineer: Antony Yang
Probe: ENV216_101683_Filter On	Polarity: Neutral
EUT: Tablet	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at channel 2402MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV)	Factor (dB)	Type
1		*	0.490	40.456	30.802	-15.712	56.168	9.654	QP
2			0.490	29.119	19.465	-17.048	46.168	9.654	AV
3			0.774	27.647	17.980	-28.353	56.000	9.667	QP
4			0.774	16.556	6.889	-29.444	46.000	9.667	AV
5			0.854	28.551	18.883	-27.449	56.000	9.668	QP
6			0.854	17.601	7.933	-28.399	46.000	9.668	AV
7			1.210	27.178	17.438	-28.822	56.000	9.740	QP
8			1.210	16.146	6.406	-29.854	46.000	9.740	AV
9			1.894	26.343	16.577	-29.657	56.000	9.767	QP
10			1.894	15.544	5.777	-30.456	46.000	9.767	AV
11			13.558	34.838	24.660	-25.162	60.000	10.178	QP
12			13.558	20.375	10.198	-29.625	50.000	10.178	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.

The End

Appendix A - Test Setup Photograph

Refer to “2001RSU044-UT” file.

Appendix B - EUT Photograph

Refer to “2001RSU044-UE” file.