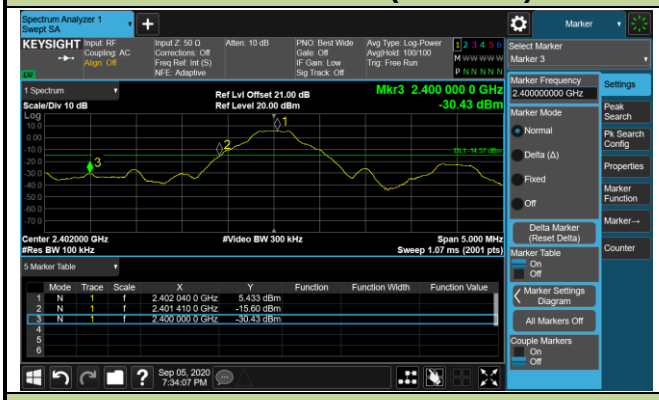
Band-edge Compliance

DH5 - Channel 00 (2402MHz)

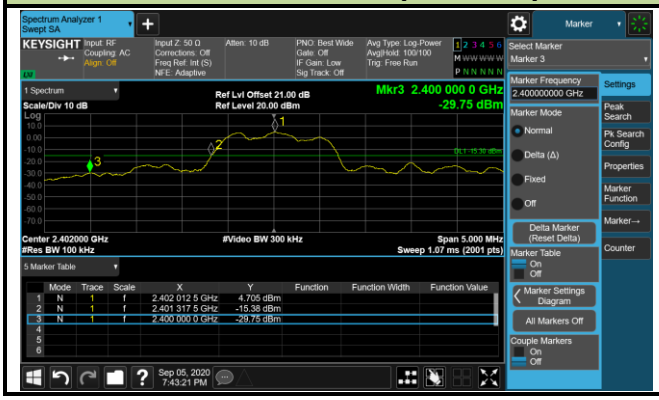


DH5 - Channel 78 (2480MHz)

2DH5 - Channel 00 (2402MHz)

2DH5 - Channel 78 (2480MHz)

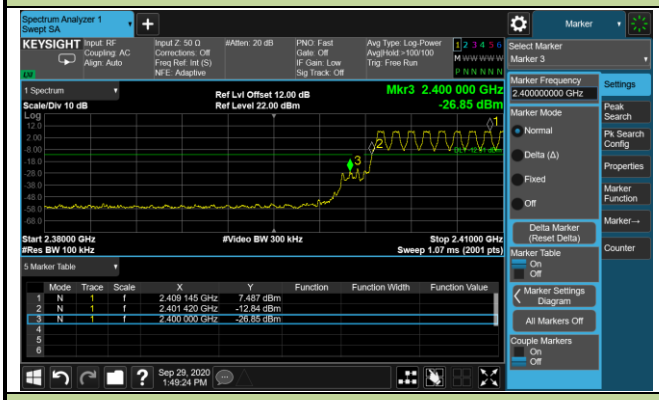
3DH5 - Channel 00 (2402MHz)



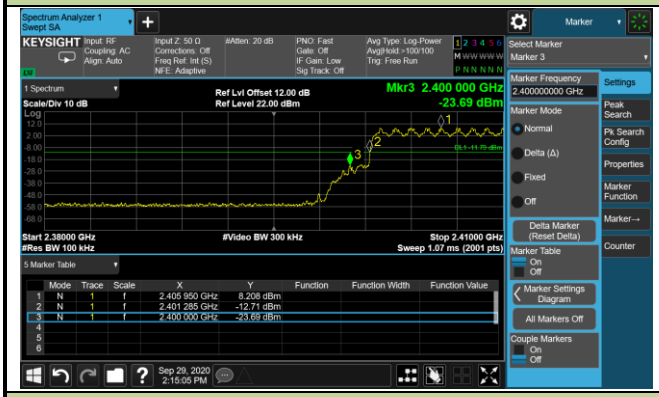
3DH5 - Channel 78 (2480MHz)

Operation Frequency Range of 20dB Bandwidth within Hopping Mode

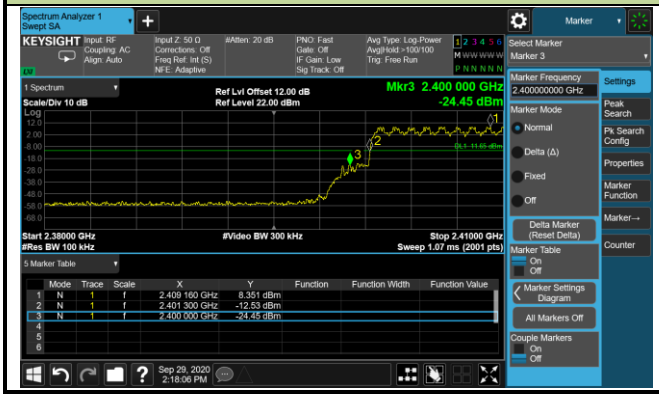
DH5



2DH5



3DH5



7.8. Conducted Spurious Emissions Measurement

7.8.1.Test Limit

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits.

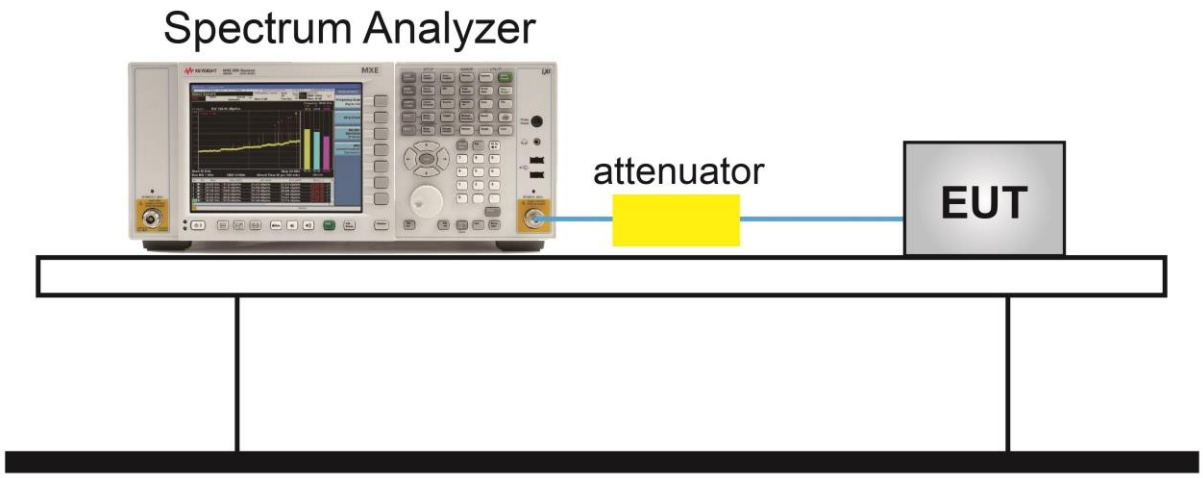
7.8.2.Test Procedure Used

ANSI C63.10-2013 - Section 7.8.8

7.8.3.Test Setting

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

7.8.4.Test Setup



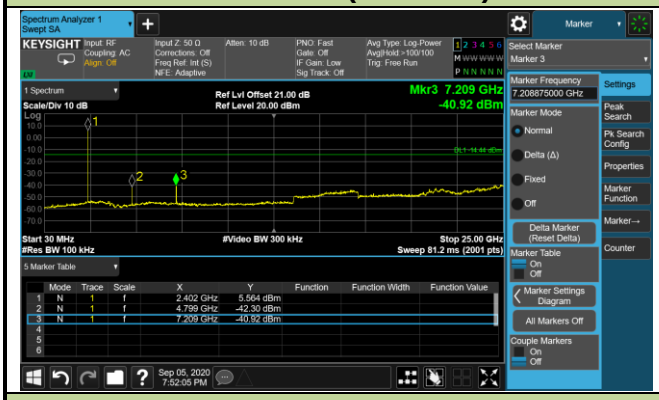
7.8.5.Test Result

Product	AM&FM CLOCK Radio	Test Engineer	Dandy Li
Test Site	WZ-TR3	Test Date	2020/09/05

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

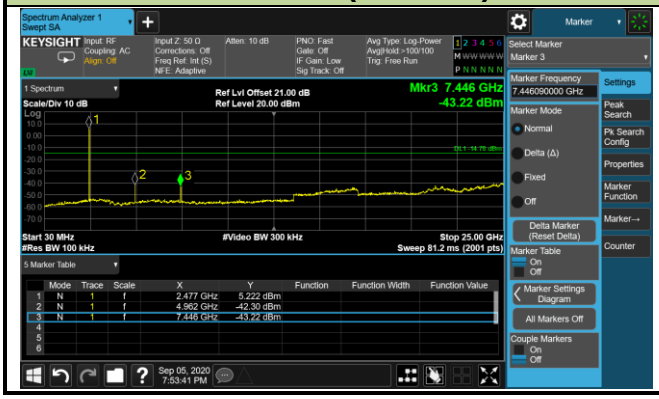
DH5 Conducted Spurious Emissions

Channel 00 (2402MHz)



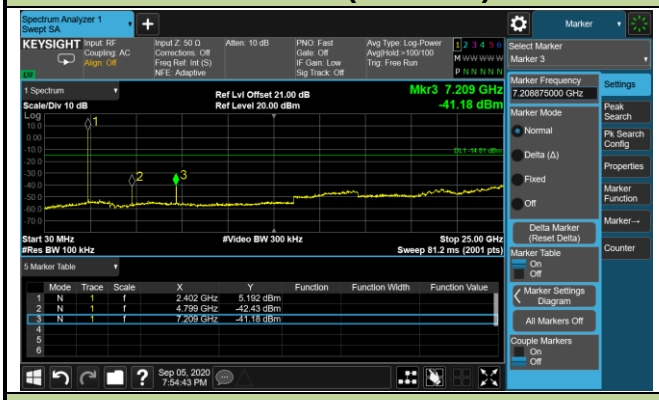
Channel 39 (2441MHz)

Channel 78 (2480MHz)



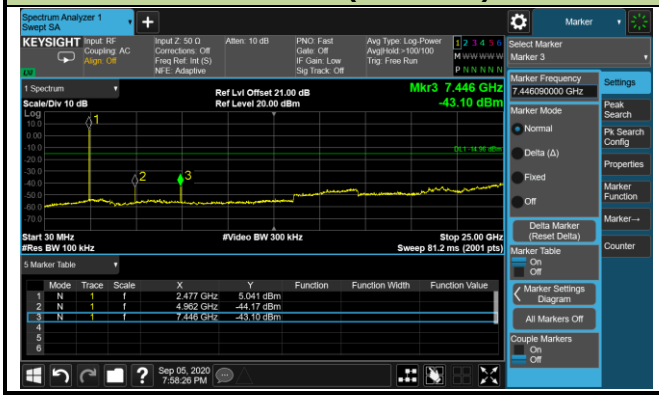
2DH5 Conducted Spurious Emissions

Channel 00 (2402MHz)



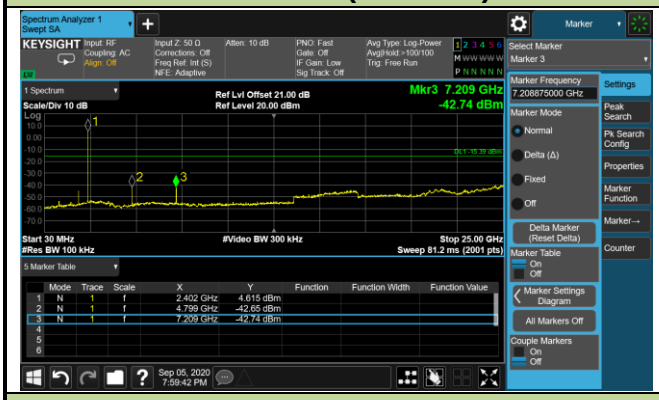
Channel 39 (2441MHz)

Channel 78 (2480MHz)



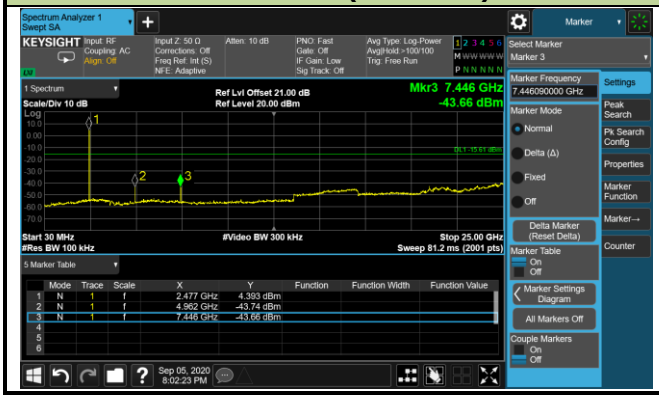
3DH5 Conducted Spurious Emissions

Channel 00 (2402MHz)



Channel 39 (2441MHz)

Channel 78 (2480MHz)



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 15.209 Limits		
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 - 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)

7.9.3.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

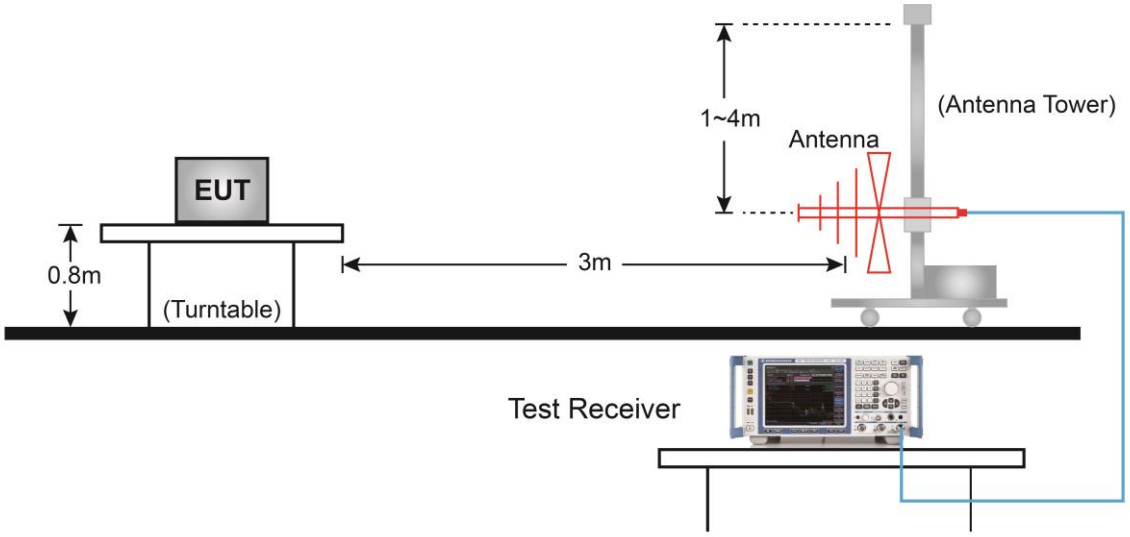
Average Measurements above 1GHz (Method VB)

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

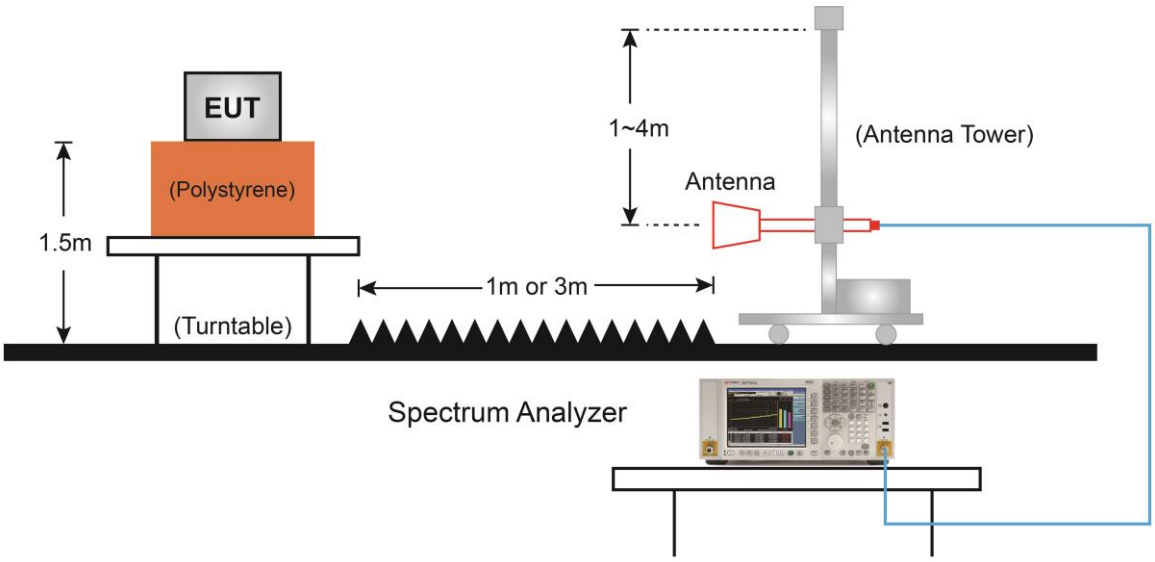
   If the EUT duty cycle is < 98%, set VBW ≥ 1/T. T is the minimum transmission duration
4. Detector = Peak
5. Sweep time = Auto
6. Trace mode = Max hold
7. Trace was allowed to stabilize

7.9.4.Test Setup

Below 1GHz Test Setup:



Above 1GHz Test Setup:



7.9.5.Test Result

Product	MODEL THREE BT	Test Engineer	Edger Ma
Test Site	WZ-AC2	Test Date	2020/07/22~2020/07/23
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
	4119.5	37.5	-2.5	35.0	74.0	-39.0	Peak	Horizontal
	4808.0	49.1	0.0	49.1	74.0	-24.9	Peak	Horizontal
*	6737.5	34.8	5.2	40.0	74.0	-34.0	Peak	Horizontal
*	10494.5	34.5	13.0	47.5	74.0	-26.5	Peak	Horizontal
	4119.5	37.5	-2.5	35.0	74.0	-39.0	Peak	Vertical
	4808.0	48.5	0.0	48.5	74.0	-25.5	Peak	Vertical
*	6091.5	35.5	2.7	38.2	74.0	-35.8	Peak	Vertical
*	7205.0	37.6	8.0	45.6	74.0	-28.4	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 20dBc of the fundamental emission level (93.0dBμV/m) or 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	MODEL THREE BT	Test Engineer	Edger Ma
Test Site	WZ-AC2	Test Date	2020/07/22~2020/07/23
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
	4884.5	42.6	-0.4	42.2	74.0	-31.8	Peak	Horizontal
	7324.0	36.1	8.2	44.3	74.0	-29.7	Peak	Horizontal
*	8769.0	33.1	10.3	43.4	74.0	-30.6	Peak	Horizontal
*	10171.5	33.1	11.9	45.0	74.0	-29.0	Peak	Horizontal
	4884.5	41.5	-0.4	41.1	74.0	-32.9	Peak	Vertical
	7324.0	36.7	8.2	44.9	74.0	-29.1	Peak	Vertical
*	8650.0	33.7	9.7	43.4	74.0	-30.6	Peak	Vertical
*	10078.0	33.7	11.6	45.3	74.0	-28.7	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 20dBc of the fundamental emission level (92.7dBμV/m) or 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	MODEL THREE BT	Test Engineer	Edger Ma
Test Site	WZ-AC2	Test Date	2020/07/22~2020/07/23
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
	4179.0	37.5	-2.3	35.2	74.0	-38.8	Peak	Horizontal
	4961.0	40.1	-0.4	39.7	74.0	-34.3	Peak	Horizontal
*	6567.5	35.4	4.7	40.1	74.0	-33.9	Peak	Horizontal
*	9950.5	34.2	11.3	45.5	74.0	-28.5	Peak	Horizontal
	4961.0	39.4	-0.4	39.0	74.0	-35.0	Peak	Vertical
*	7443.0	37.9	8.4	46.3	74.0	-27.7	Peak	Vertical
	8811.5	30.9	10.1	41.0	74.0	-33.0	Peak	Vertical
*	10035.5	33.1	11.1	44.2	74.0	-29.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 20dBc of the fundamental emission level (90.8dBμV/m) or 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	MODEL THREE BT	Test Engineer	Edger Ma
Test Site	WZ-AC2	Test Date	2020/07/22~2020/07/23
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
	3881.5	38.2	-3.3	34.9	74.0	-39.1	Peak	Horizontal
	4808.0	51.2	0.0	51.2	74.0	-22.8	Peak	Horizontal
*	6244.5	33.9	2.9	36.8	74.0	-37.2	Peak	Horizontal
*	7205.0	36.2	8.0	44.2	74.0	-29.8	Peak	Horizontal
	3958.0	38.2	-3.3	34.9	74.0	-39.1	Peak	Vertical
	4808.0	49.1	0.0	49.1	74.0	-24.9	Peak	Vertical
*	7205.0	37.6	8.0	45.6	74.0	-28.4	Peak	Vertical
*	10078.0	32.9	11.6	44.5	74.0	-29.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 20dBc of the fundamental emission level (93.8dBμV/m) or 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	MODEL THREE BT	Test Engineer	Edger Ma
Test Site	WZ-AC2	Test Date	2020/07/22~2020/07/23
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
	4884.5	44.5	-0.4	44.1	74.0	-29.9	Peak	Horizontal
	7324.0	36.0	8.2	44.2	74.0	-29.8	Peak	Horizontal
*	8650.0	33.3	9.7	43.0	74.0	-31.0	Peak	Horizontal
*	10129.0	35.3	11.5	46.8	74.0	-27.2	Peak	Horizontal
	4884.5	43.7	-0.4	43.3	74.0	-30.7	Peak	Vertical
	7324.0	36.8	8.2	45.0	74.0	-29.0	Peak	Vertical
*	8624.5	34.7	9.4	44.1	74.0	-29.9	Peak	Vertical
*	10333.0	33.8	13.0	46.8	74.0	-27.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 20dBc of the fundamental emission level (92.6dBμV/m) or 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	MODEL THREE BT	Test Engineer	Edger Ma
Test Site	WZ-AC2	Test Date	2020/07/22~2020/07/23
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
	4961.0	40.8	-0.4	40.4	74.0	-33.6	Peak	Horizontal
	7443.0	37.1	8.4	45.5	74.0	-28.5	Peak	Horizontal
*	8701.0	34.0	9.8	43.8	74.0	-30.2	Peak	Horizontal
*	9678.5	35.1	10.9	46.0	74.0	-28.0	Peak	Horizontal
	4961.0	39.0	-0.4	38.6	74.0	-35.4	Peak	Vertical
	7443.0	38.7	8.4	47.1	74.0	-26.9	Peak	Vertical
*	8616.0	34.0	9.3	43.3	74.0	-30.7	Peak	Vertical
*	9755.0	34.8	11.0	45.8	74.0	-28.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 20dBc of the fundamental emission level (91.8dBμV/m) or 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	MODEL THREE BT	Test Engineer	Edger Ma
Test Site	WZ-AC2	Test Date	2020/07/22~2020/07/23
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
	3881.5	38.2	-3.3	34.9	74.0	-39.1	Peak	Horizontal
	4808.0	51.0	0.0	51.0	74.0	-23.0	Peak	Horizontal
*	6091.5	35.6	2.7	38.3	74.0	-35.7	Peak	Horizontal
*	7205.0	36.8	8.0	44.8	74.0	-29.2	Peak	Horizontal
	4043.0	38.6	-2.7	35.9	74.0	-38.1	Peak	Vertical
	4799.5	50.7	0.0	50.7	74.0	-23.3	Peak	Vertical
*	6134.0	35.7	2.6	38.3	74.0	-35.7	Peak	Vertical
*	7205.0	37.7	8.0	45.7	74.0	-28.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 20dBc of the fundamental emission level (93.8dBμV/m) or 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	MODEL THREE BT	Test Engineer	Edger Ma
Test Site	WZ-AC2	Test Date	2020/07/22~2020/07/23
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
	3966.5	37.8	-3.3	34.5	74.0	-39.5	Peak	Horizontal
	4884.5	44.6	-0.4	44.2	74.0	-29.8	Peak	Horizontal
*	6159.5	35.9	2.6	38.5	74.0	-35.5	Peak	Horizontal
*	8692.5	34.0	9.8	43.8	74.0	-30.2	Peak	Horizontal
	4884.5	42.8	-0.4	42.4	74.0	-31.6	Peak	Vertical
*	7324.0	39.3	8.2	47.5	74.0	-26.5	Peak	Vertical
	7978.5	36.6	8.4	45.0	74.0	-29.0	Peak	Vertical
*	8624.5	33.6	9.4	43.0	74.0	-31.0	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 20dBc of the fundamental emission level (91.4dBμV/m) or 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	MODEL THREE BT	Test Engineer	Edger Ma
Test Site	WZ-AC2	Test Date	2020/07/22~2020/07/23
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
	4961.0	39.9	-0.4	39.5	74.0	-34.5	Peak	Horizontal
	7443.0	36.6	8.4	45.0	74.0	-29.0	Peak	Horizontal
*	8701.0	33.2	9.8	43.0	74.0	-31.0	Peak	Horizontal
*	10095.0	34.0	11.2	45.2	74.0	-28.8	Peak	Horizontal
	4961.0	40.0	-0.4	39.6	74.0	-34.4	Peak	Vertical
	7443.0	38.7	8.4	47.1	74.0	-26.9	Peak	Vertical
*	7859.5	34.3	7.9	42.2	74.0	-31.8	Peak	Vertical
*	9721.0	34.0	11.1	45.1	74.0	-28.9	Peak	Vertical

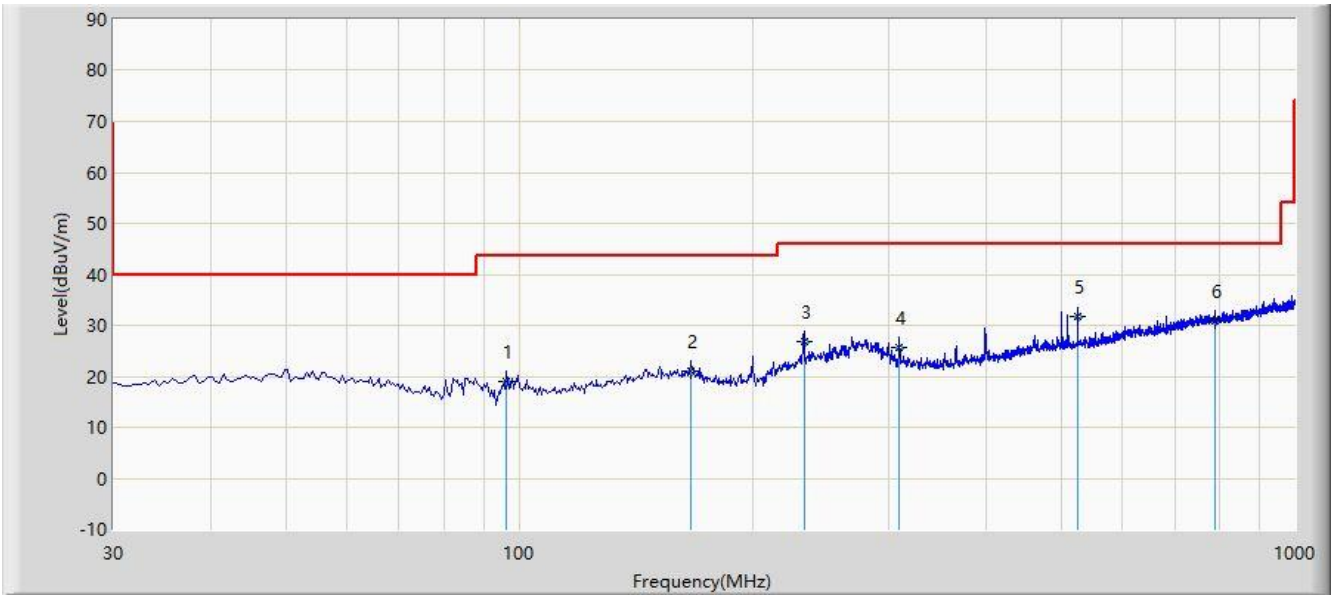
Note 1: “*” is not in restricted band, its limit is 20dBc of the fundamental emission level (90.3dBμV/m) or 15.209 which is higher.

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: WZ-AC1	Time: 2020/09/29 - 23:05
Limit: FCC_Part15.209_RSE(3m)	Engineer: Buter Shi
Probe: AC1_VULB 9168 _30-1000MHz	Polarity: Horizontal
EUT: AM&FM CLOCK Radio	Power: 120V/60Hz
Test Mode: Transmit by DH5 at Channel 2441MHz	



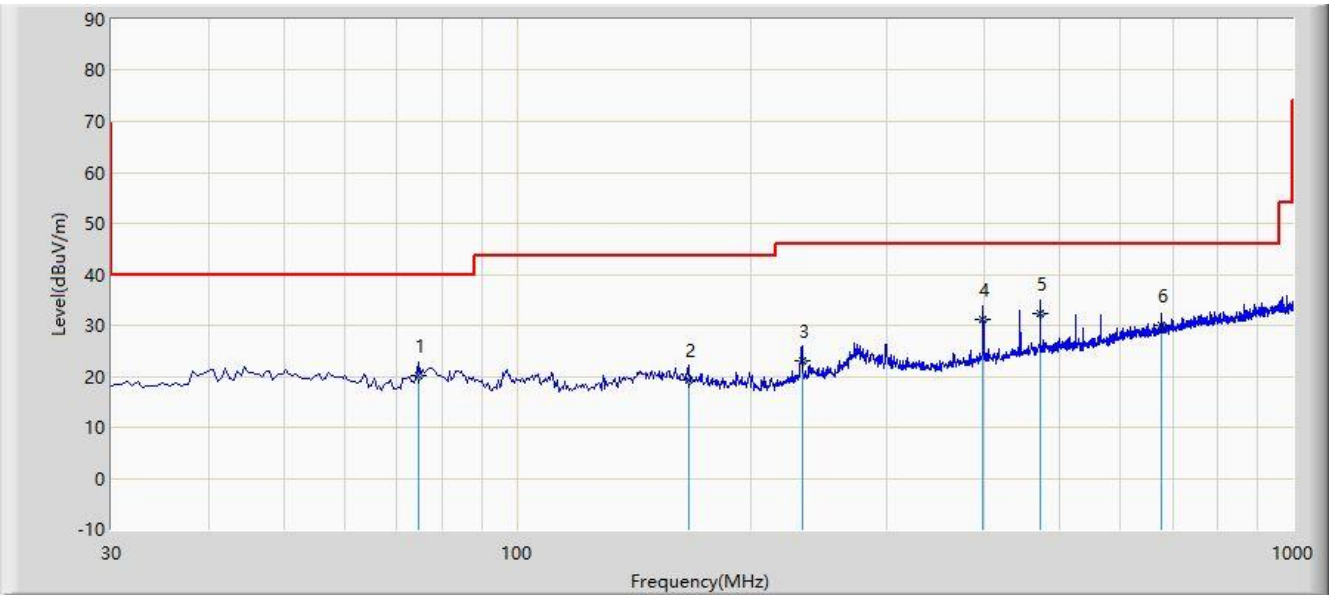
No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1			96.445	19.081	6.203	-24.419	43.500	12.878	QP
2			166.285	21.067	3.250	-22.433	43.500	17.816	QP
3			233.215	26.956	10.781	-19.044	46.000	16.175	QP
4			309.360	25.554	6.600	-20.446	46.000	18.954	QP
5		*	525.185	31.641	7.650	-14.359	46.000	23.991	QP
6			787.570	30.895	2.150	-15.105	46.000	28.745	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: WZ-AC1	Time: 2020/09/29 - 23:08
Limit: FCC_Part15.209_RSE(3m)	Engineer: Buter Shi
Probe: AC1_VULB 9168 _30-1000MHz	Polarity: Vertical
EUT: AM&FM CLOCK Radio	Power: 120V/60Hz
Test Mode: Transmit by DH5 at Channel 2441MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1			74.620	20.211	5.021	-19.789	40.000	15.190	QP
2			166.285	19.137	1.320	-24.363	43.500	17.816	QP
3			233.215	23.015	6.840	-22.985	46.000	16.175	QP
4			398.600	31.260	10.100	-14.740	46.000	21.160	QP
5		*	472.805	32.364	9.215	-13.636	46.000	23.148	QP
6			677.960	30.064	3.250	-15.936	46.000	26.814	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 15.209 Limits		
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 - Section 6.3 (General Requirements)

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

7.10.3.Test Setting

Peak Field Strength Measurements

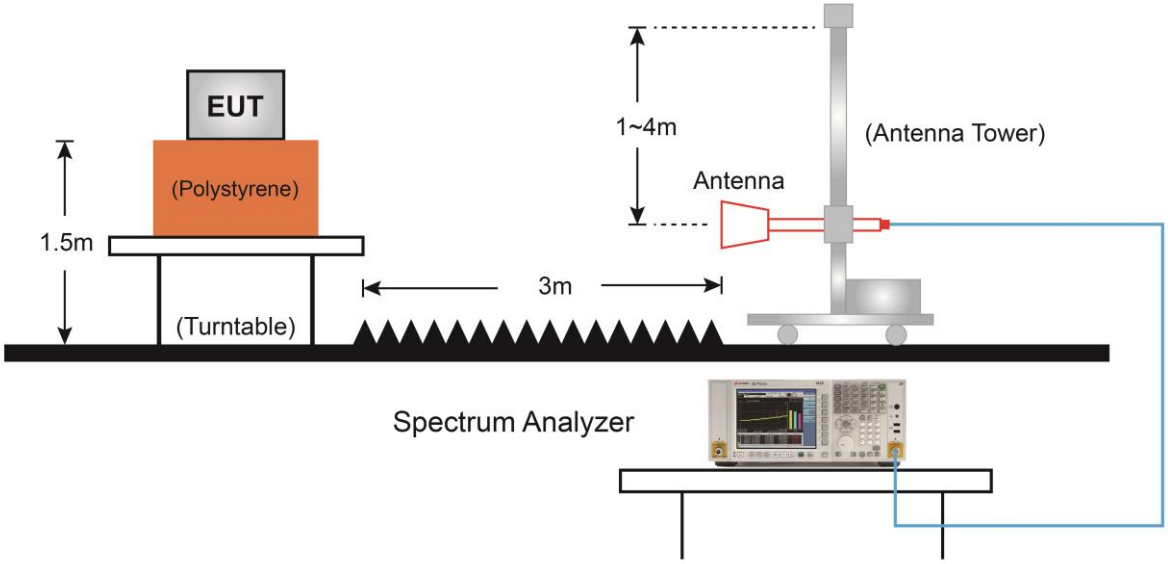
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = Peak
5. Sweep time = Auto couple
6. Trace mode = Max hold
7. Trace was allowed to stabilize

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

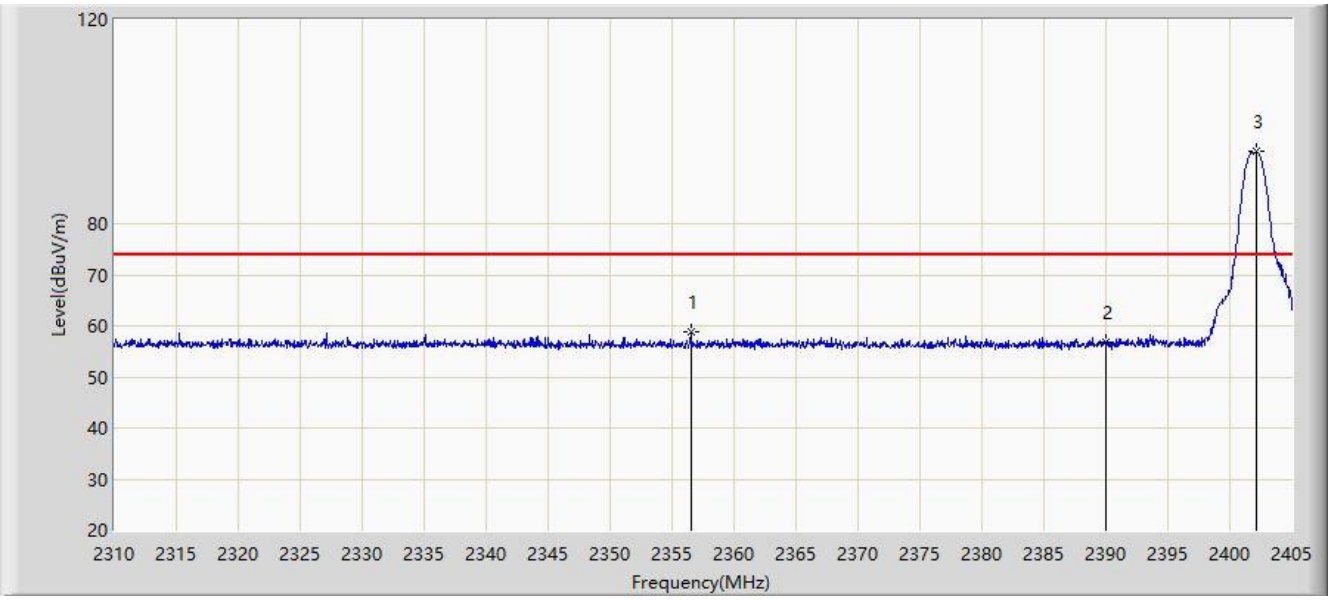
   If the EUT duty cycle is < 98%, set VBW ≥ 1/T. T is the minimum transmission duration
4. Detector = Peak
5. Sweep time = Auto
6. Trace mode = Max hold
7. Trace was allowed to stabilize

7.10.4.Test Setup



7.10.5.Test Result

Site: WZ-AC2	Time: 2020/07/22 - 10:38
Limit: FCC_Part15_Band Edge(3m)	Engineer: Edgar Ma
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AM&FM CLOCK Radio	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at channel 2402MHz	

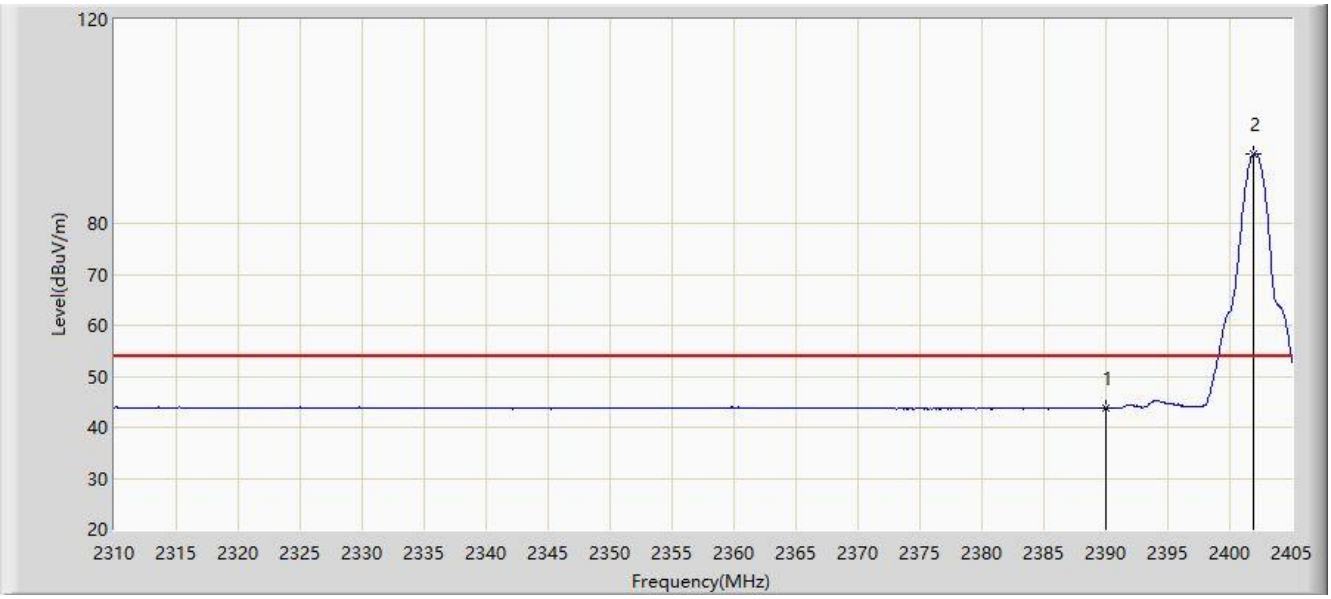


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1			2356.502	58.780	29.345	-15.220	74.000	29.434	PK
2			2390.000	56.786	27.491	-17.214	74.000	29.296	PK
3		*	2402.150	94.103	64.828	N/A	N/A	29.276	PK

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

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

Site: WZ-AC2	Time: 2020/07/22 - 10:42
Limit: FCC_Part15_Band Edge(3m)	Engineer: Edgar Ma
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AM&FM CLOCK Radio	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at channel 2402MHz	

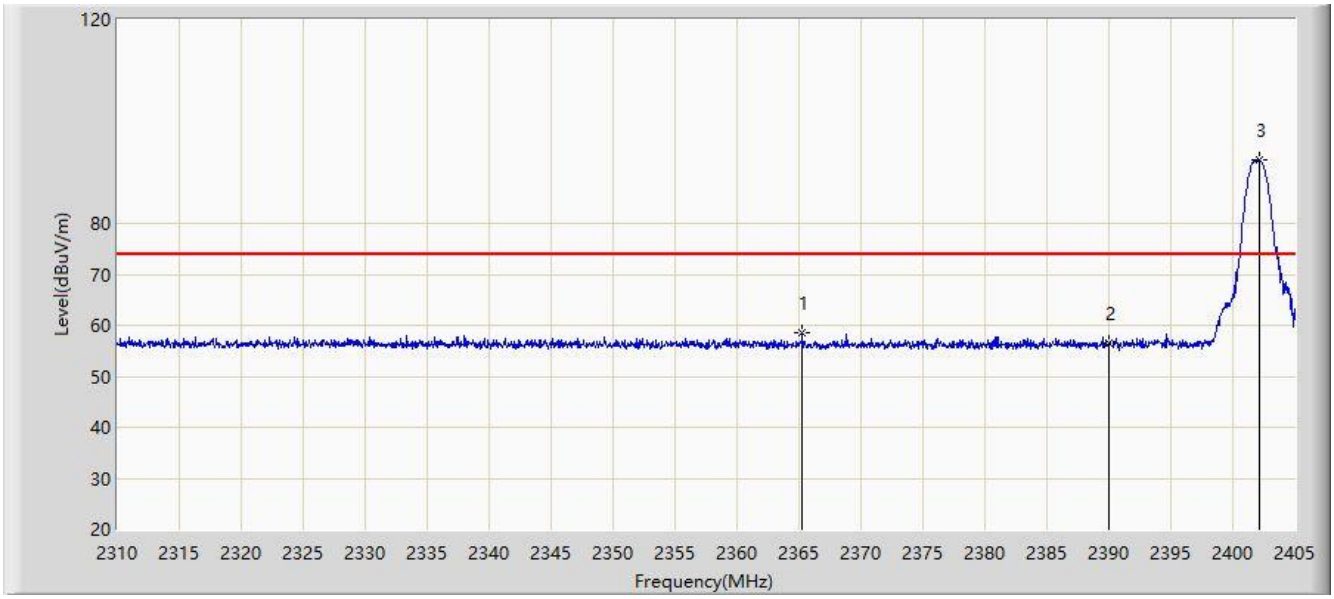


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1			2390.000	43.768	14.473	-10.232	54.000	29.296	AV
2		*	2401.913	93.589	64.313	N/A	N/A	29.275	AV

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

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

Site: WZ-AC2	Time: 2020/07/22 - 10:46
Limit: FCC_Part15_Band Edge(3m)	Engineer: Edgar Ma
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AM&FM CLOCK Radio	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at channel 2402MHz	

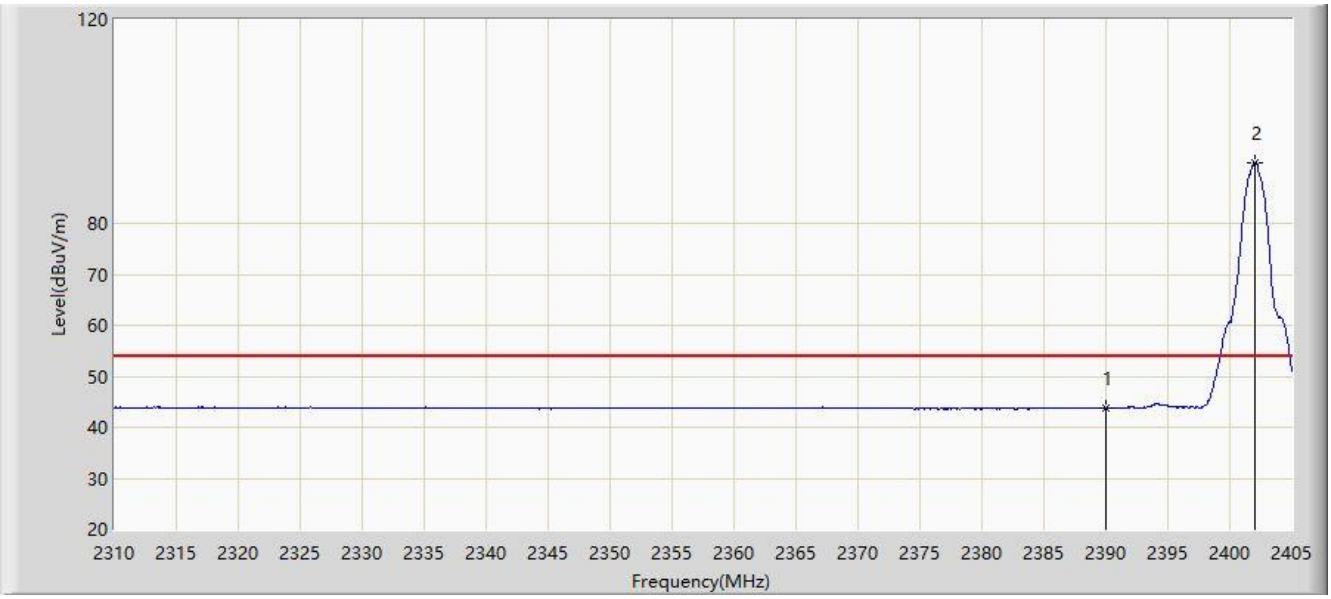


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1			2365.242	58.490	29.070	-15.510	74.000	29.421	PK
2			2390.000	56.477	27.182	-17.523	74.000	29.296	PK
3		*	2402.150	92.396	63.121	N/A	N/A	29.276	PK

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

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

Site: WZ-AC2	Time: 2020/07/22 - 10:48
Limit: FCC_Part15_Band Edge(3m)	Engineer: Edgar Ma
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AM&FM CLOCK Radio	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at channel 2402MHz	

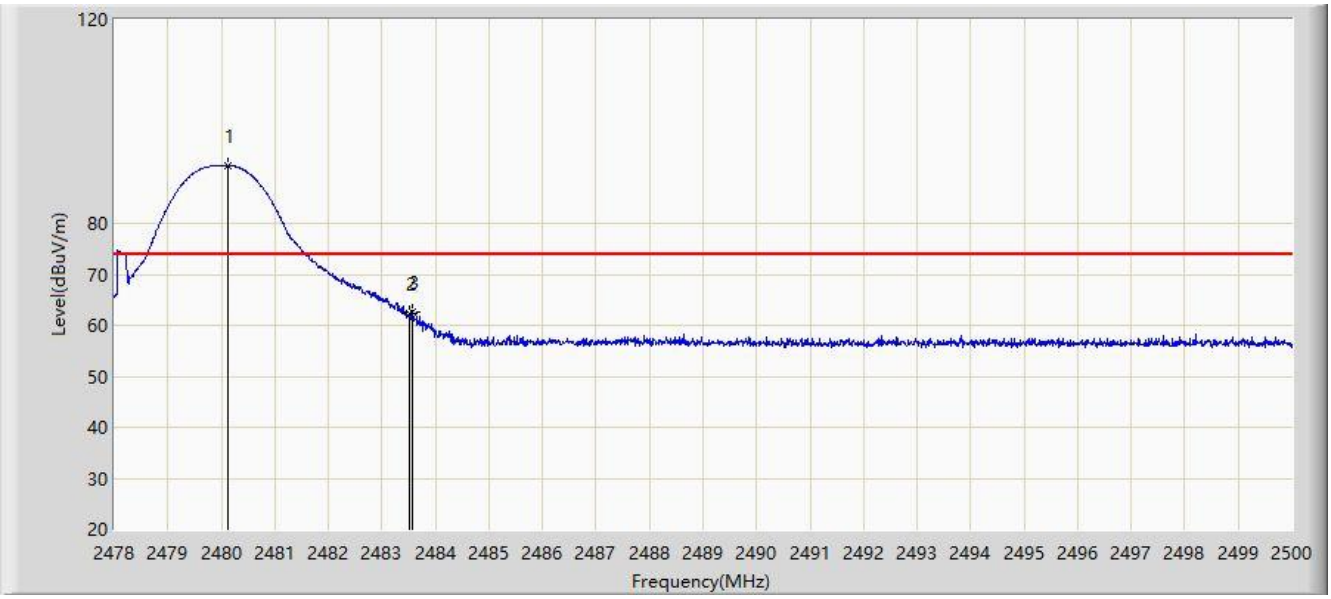


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1			2390.000	43.755	14.460	-10.245	54.000	29.296	AV
2		*	2402.055	91.894	62.619	N/A	N/A	29.275	AV

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

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

Site: WZ-AC2	Time: 2020/07/22 - 10:51
Limit: FCC_Part15_Band Edge(3m)	Engineer: Edgar Ma
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AM&FM CLOCK Radio	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at channel 2480MHz	

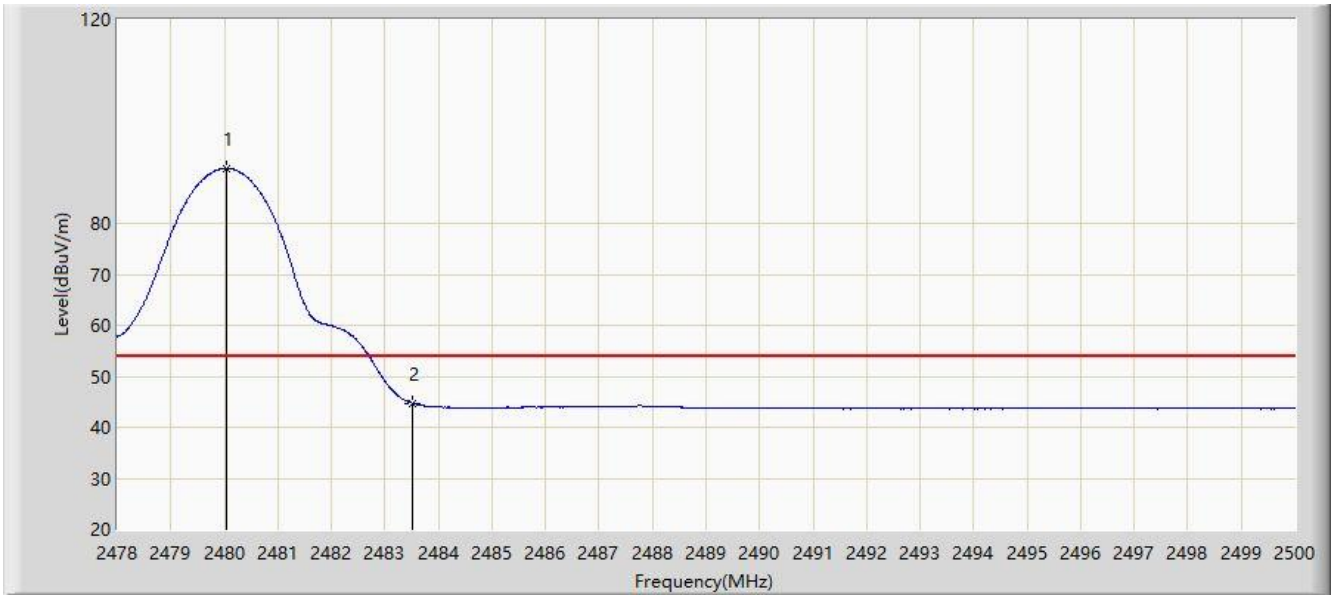


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1		*	2480.112	91.281	62.142	N/A	N/A	29.139	PK
2			2483.500	62.219	33.076	-11.781	74.000	29.143	PK
3			2483.577	62.480	33.337	-11.520	74.000	29.143	PK

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

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

Site: WZ-AC2	Time: 2020/07/22 - 10:56
Limit: FCC_Part15_Band Edge(3m)	Engineer: Edgar Ma
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AM&FM CLOCK Radio	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at channel 2480MHz	

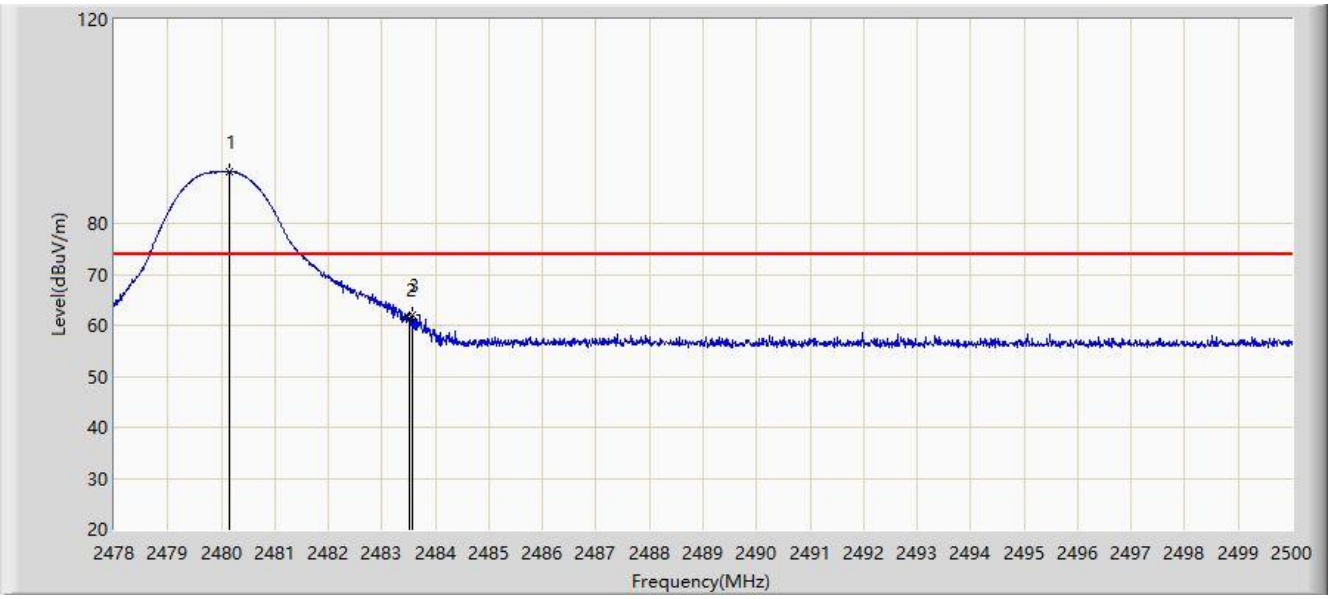


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1		*	2480.035	90.794	61.655	N/A	N/A	29.139	AV
2			2483.500	44.732	15.589	-9.268	54.000	29.143	AV

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

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

Site: WZ-AC2	Time: 2020/07/22 - 10:59
Limit: FCC_Part15_Band Edge(3m)	Engineer: Edgar Ma
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AM&FM CLOCK Radio	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at channel 2480MHz	

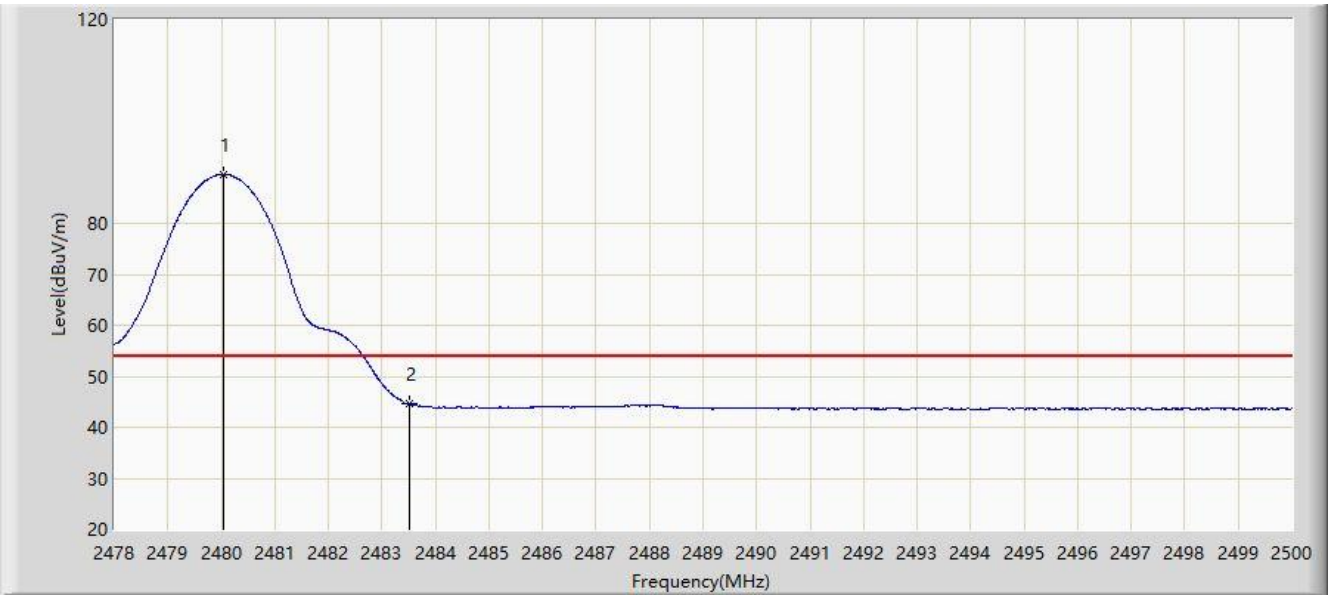


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1		*	2480.156	90.144	61.005	N/A	N/A	29.139	PK
2			2483.500	61.271	32.128	-12.729	74.000	29.143	PK
3			2483.577	62.144	33.001	-11.856	74.000	29.143	PK

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

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

Site: WZ-AC2	Time: 2020/07/22 - 11:02
Limit: FCC_Part15_Band Edge(3m)	Engineer: Edgar Ma
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AM&FM CLOCK Radio	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at channel 2480MHz	

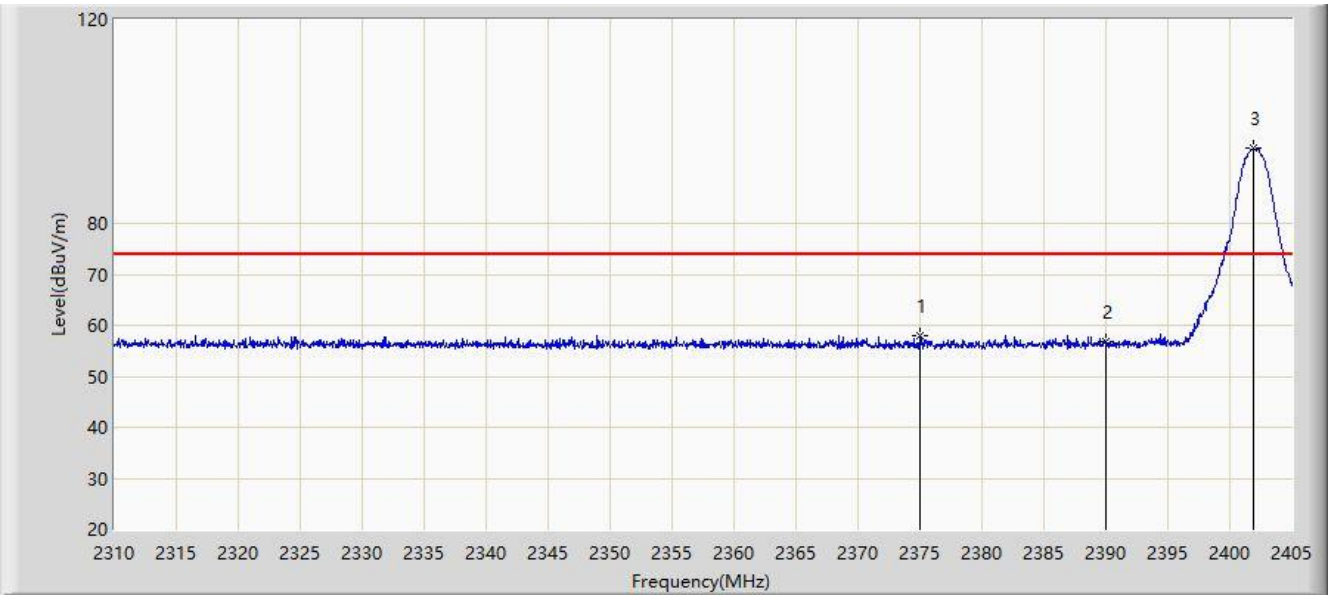


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1		*	2480.046	89.626	60.487	N/A	N/A	29.139	AV
2			2483.500	44.599	15.456	-9.401	54.000	29.143	AV

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

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

Site: WZ-AC2	Time: 2020/07/22 - 11:05
Limit: FCC_Part15_Band Edge(3m)	Engineer: Edgar Ma
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AM&FM CLOCK Radio	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at channel 2402MHz	

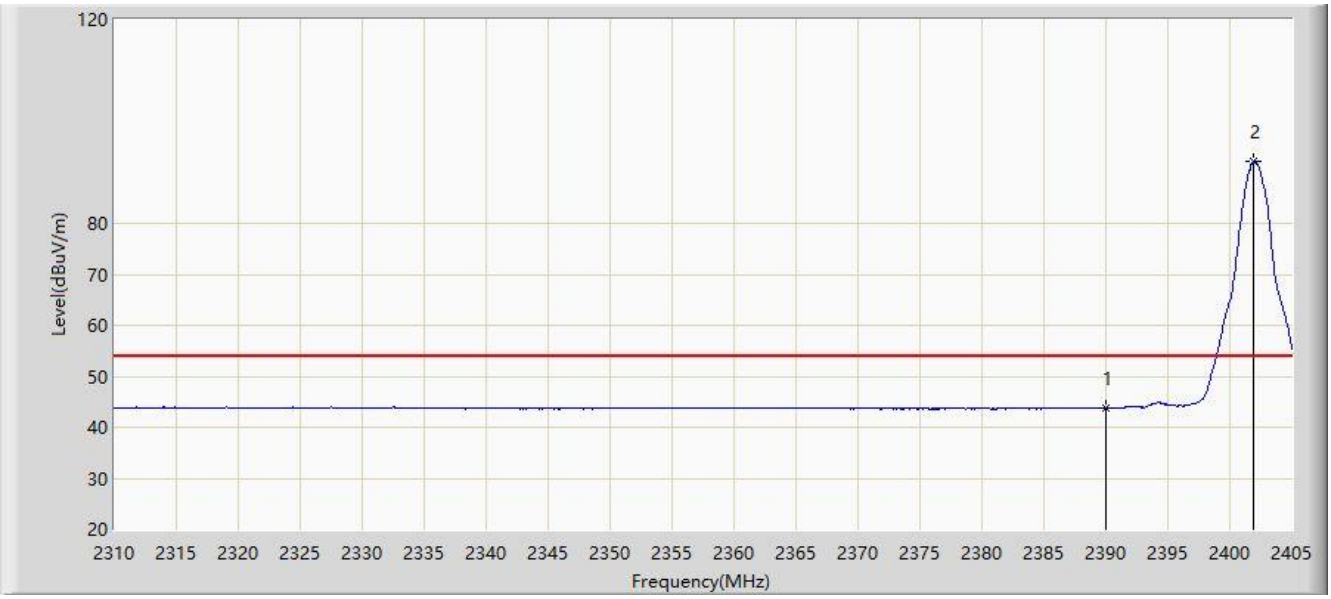


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1			2375.028	58.093	28.759	-15.907	74.000	29.334	PK
2			2390.000	56.720	27.425	-17.280	74.000	29.296	PK
3		*	2401.865	94.718	65.442	N/A	N/A	29.276	PK

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

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

Site: WZ-AC2	Time: 2020/07/22 - 11:07
Limit: FCC_Part15_Band Edge(3m)	Engineer: Edgar Ma
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AM&FM CLOCK Radio	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at channel 2402MHz	

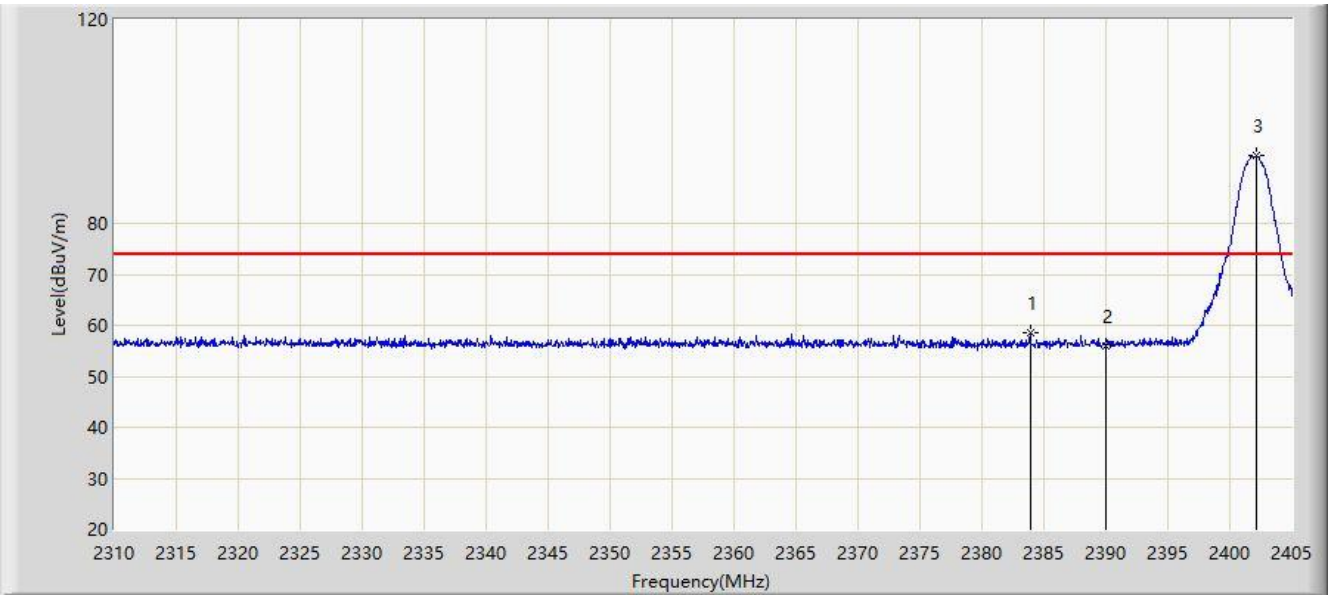


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1			2390.000	43.752	14.457	-10.248	54.000	29.296	AV
2		*	2401.865	92.088	62.812	N/A	N/A	29.276	AV

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

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

Site: WZ-AC2	Time: 2020/07/22 - 11:13
Limit: FCC_Part15_Band Edge(3m)	Engineer: Edgar Ma
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AM&FM CLOCK Radio	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at channel 2402MHz	

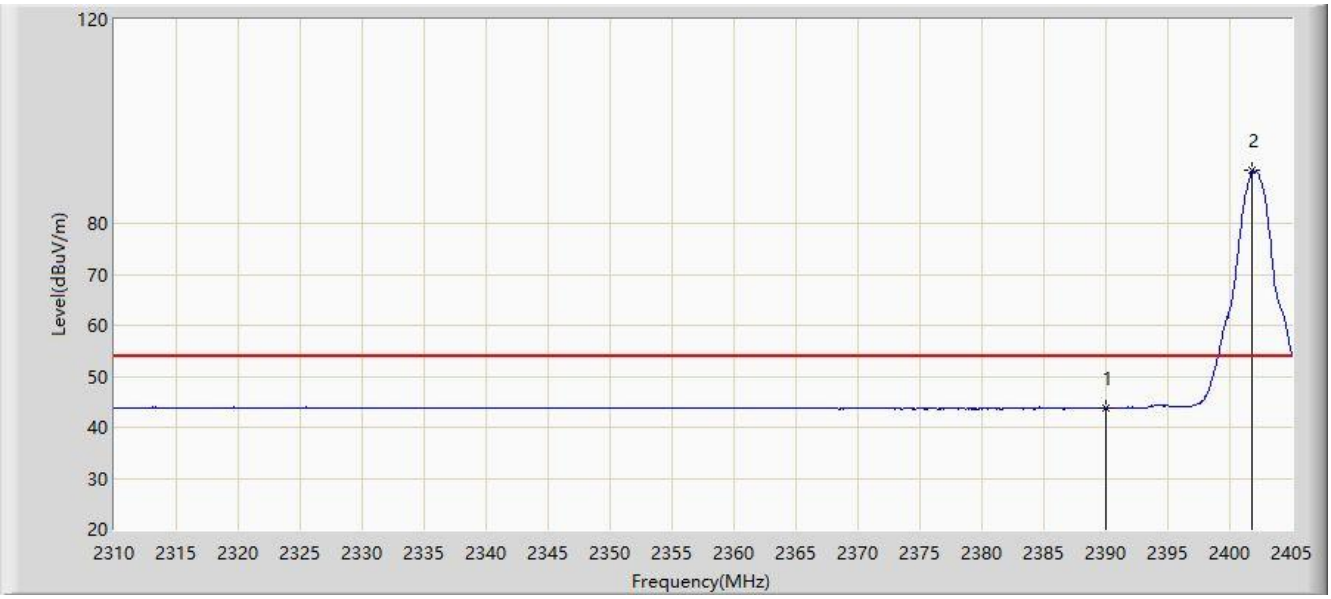


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1			2383.910	58.587	29.287	-15.413	74.000	29.300	PK
2			2390.000	55.843	26.548	-18.157	74.000	29.296	PK
3		*	2402.150	93.223	63.948	N/A	N/A	29.276	PK

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

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

Site: WZ-AC2	Time: 2020/07/22 - 11:16
Limit: FCC_Part15_Band Edge(3m)	Engineer: Edgar Ma
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AM&FM CLOCK Radio	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at channel 2402MHz	

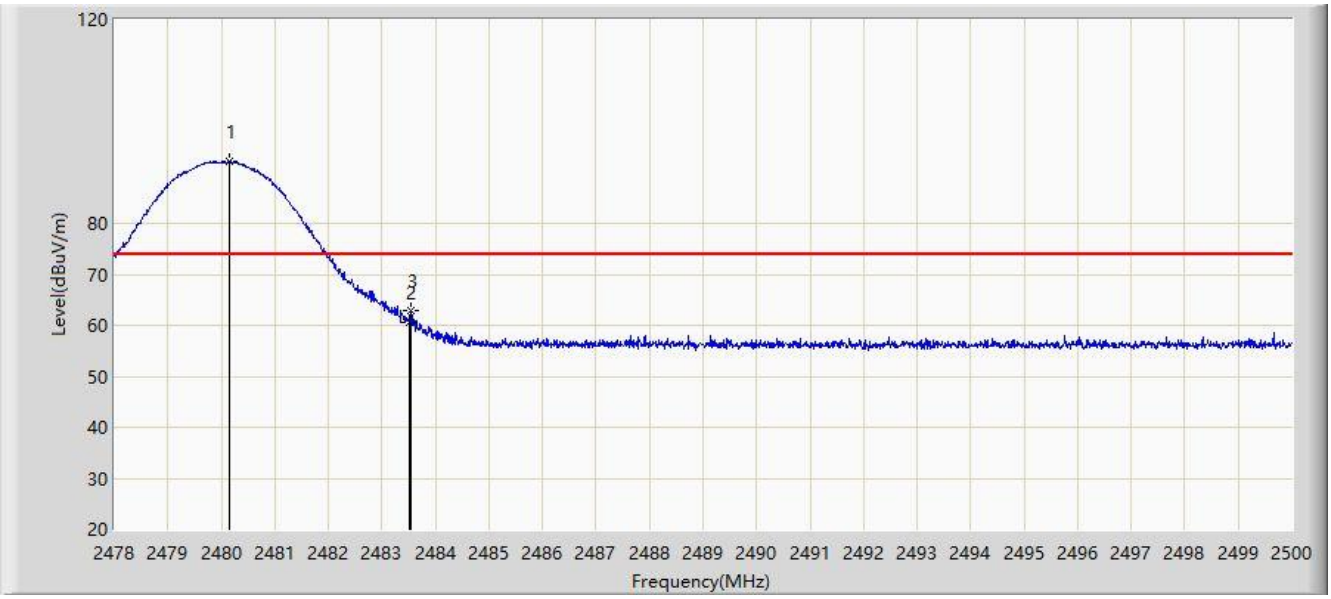


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1			2390.000	43.722	14.427	-10.278	54.000	29.296	AV
2		*	2401.817	90.393	61.117	N/A	N/A	29.276	AV

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

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

Site: WZ-AC2	Time: 2020/07/22 - 11:20
Limit: FCC_Part15_Band Edge(3m)	Engineer: Edgar Ma
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AM&FM CLOCK Radio	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at channel 2480MHz	

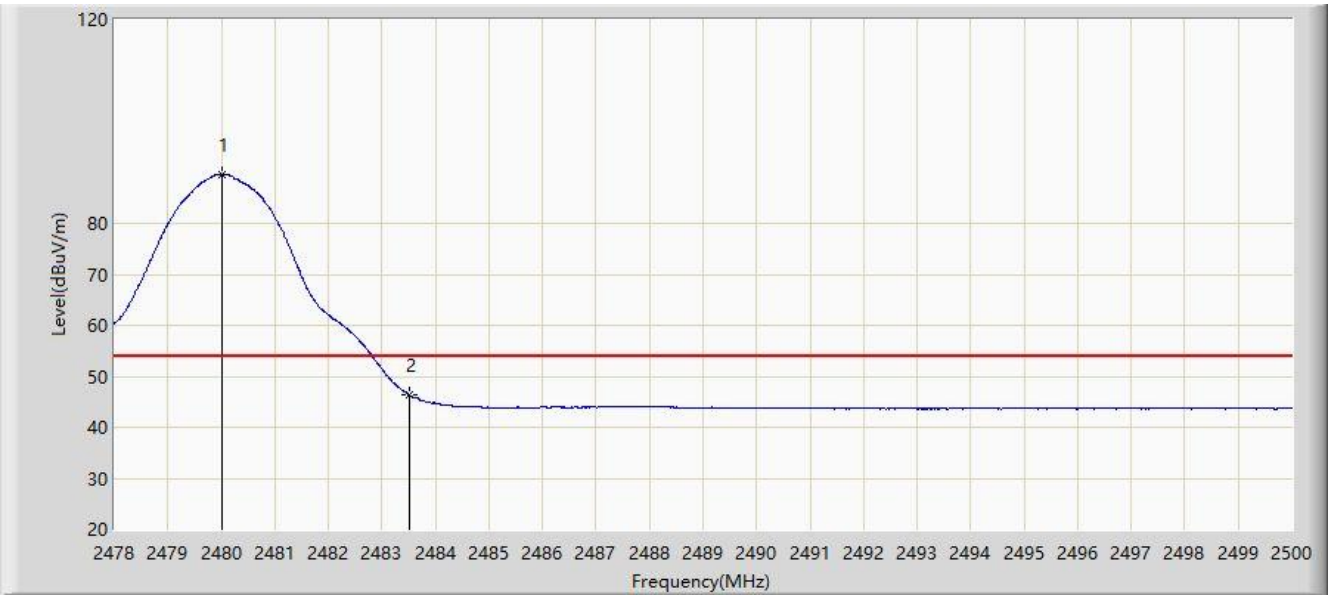


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1		*	2480.145	92.044	62.905	N/A	N/A	29.139	PK
2			2483.500	60.495	31.352	-13.505	74.000	29.143	PK
3			2483.555	62.980	33.837	-11.020	74.000	29.143	PK

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

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

Site: WZ-AC2	Time: 2020/07/22 - 11:23
Limit: FCC_Part15_Band Edge(3m)	Engineer: Edgar Ma
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AM&FM CLOCK Radio	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at channel 2480MHz	

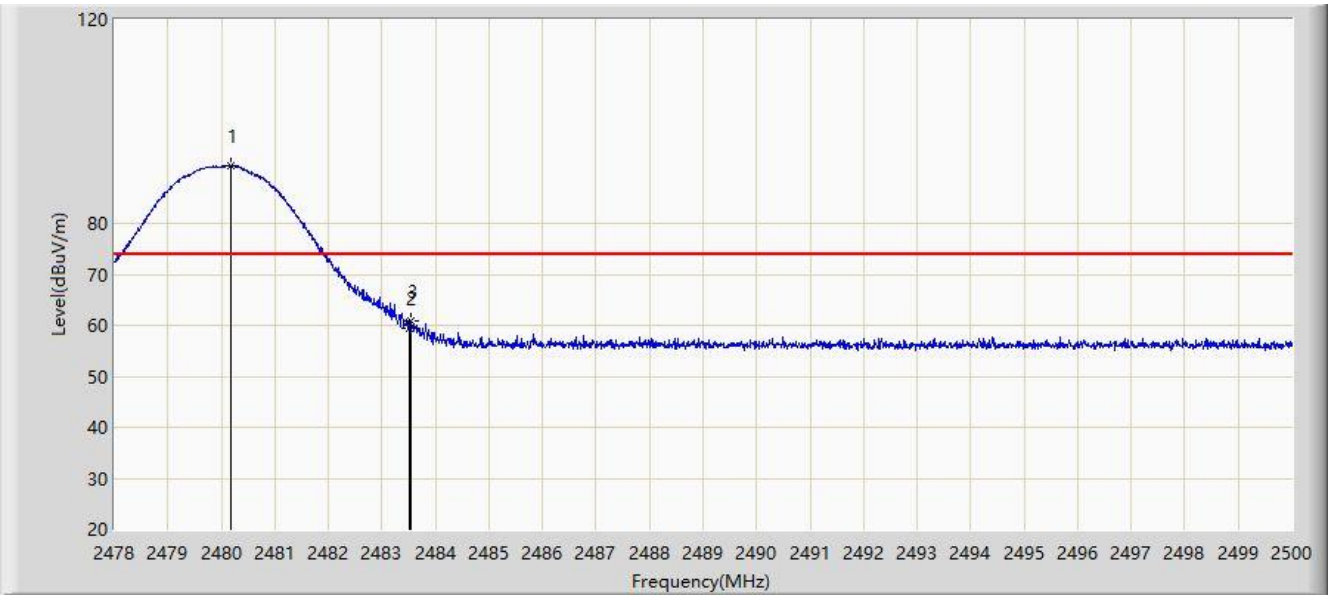


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1		*	2480.002	89.574	60.436	N/A	N/A	29.138	AV
2			2483.500	46.343	17.200	-7.657	54.000	29.143	AV

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

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

Site: WZ-AC2	Time: 2020/07/22 - 11:26
Limit: FCC_Part15_Band Edge(3m)	Engineer: Edgar Ma
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AM&FM CLOCK Radio	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at channel 2480MHz	

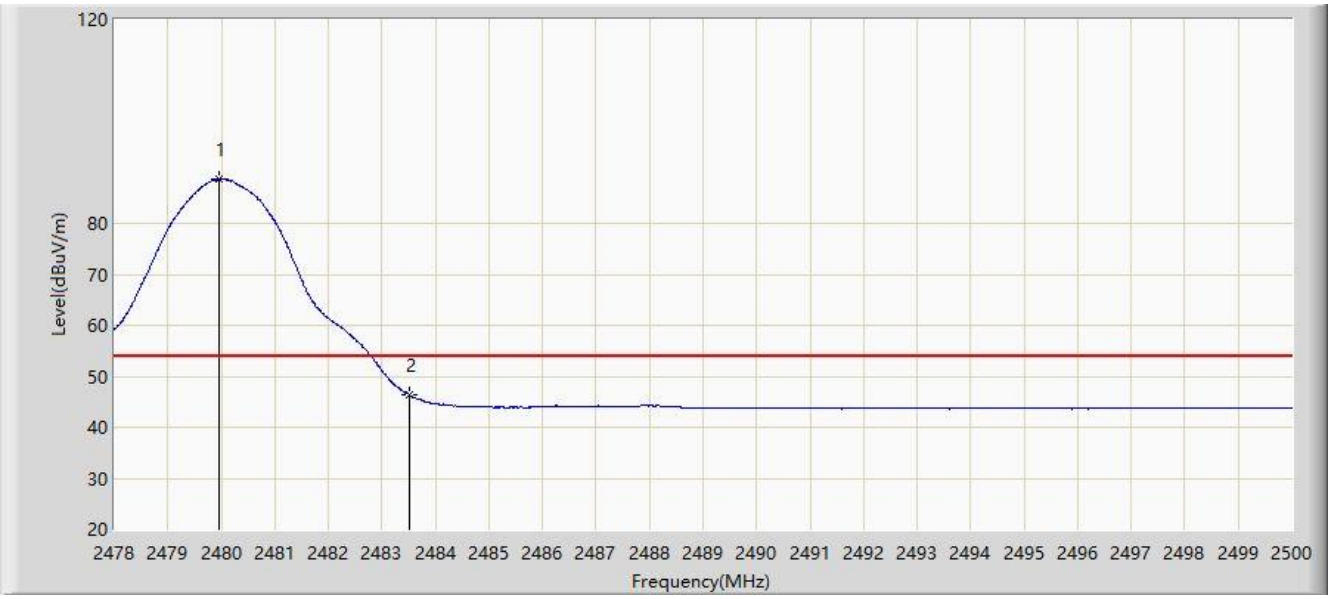


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1		*	2480.178	91.274	62.135	N/A	N/A	29.139	PK
2			2483.500	59.481	30.338	-14.519	74.000	29.143	PK
3			2483.555	60.816	31.673	-13.184	74.000	29.143	PK

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

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

Site: WZ-AC2	Time: 2020/07/22 - 11:29
Limit: FCC_Part15_Band Edge(3m)	Engineer: Edgar Ma
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AM&FM CLOCK Radio	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at channel 2480MHz	

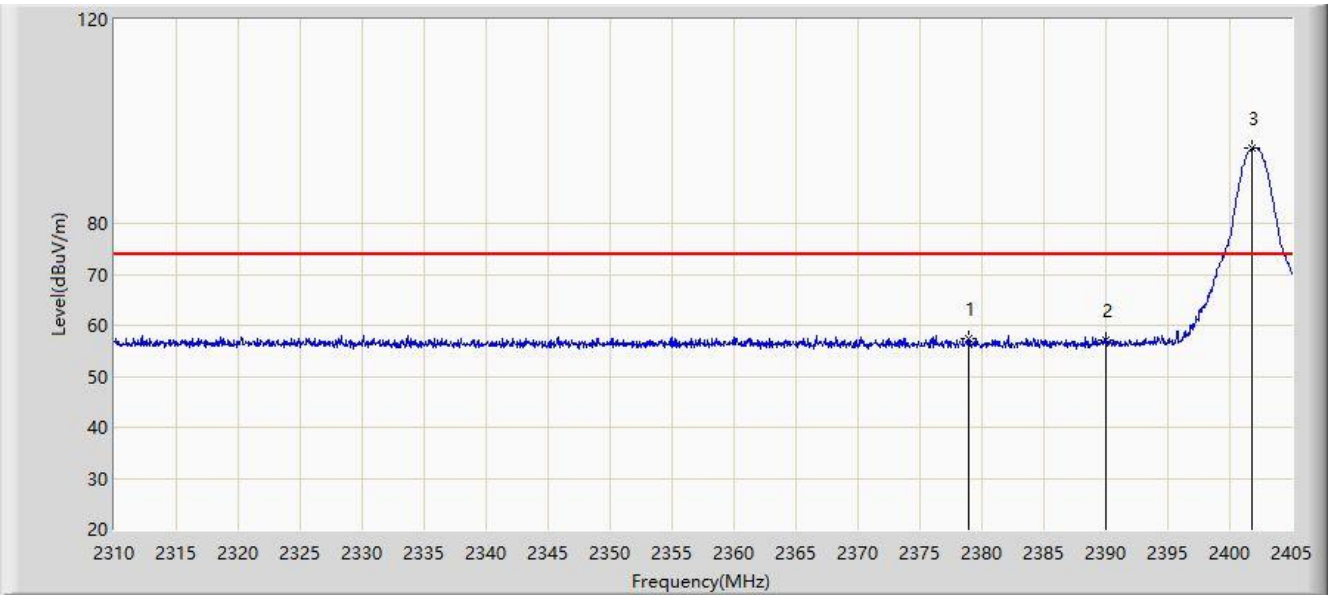


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1		*	2479.969	88.671	59.533	N/A	N/A	29.138	AV
2			2483.500	46.474	17.331	-7.526	54.000	29.143	AV

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

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

Site: WZ-AC2	Time: 2020/07/22 - 11:31
Limit: FCC_Part15_Band Edge(3m)	Engineer: Edgar Ma
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AM&FM CLOCK Radio	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at channel 2402MHz	

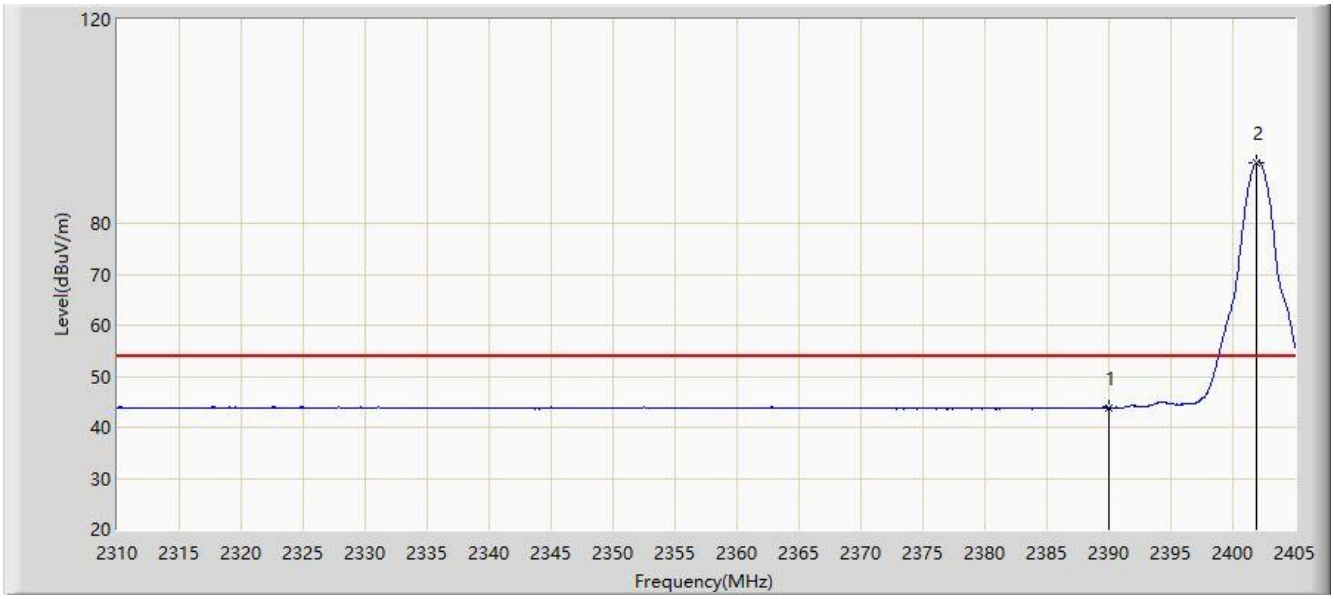


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1			2378.875	57.268	27.960	-16.732	74.000	29.307	PK
2			2390.000	57.169	27.874	-16.831	74.000	29.296	PK
3		*	2401.817	94.720	65.444	N/A	N/A	29.276	PK

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

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

Site: WZ-AC2	Time: 2020/07/22 - 11:35
Limit: FCC_Part15_Band Edge(3m)	Engineer: Edgar Ma
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AM&FM CLOCK Radio	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at channel 2402MHz	

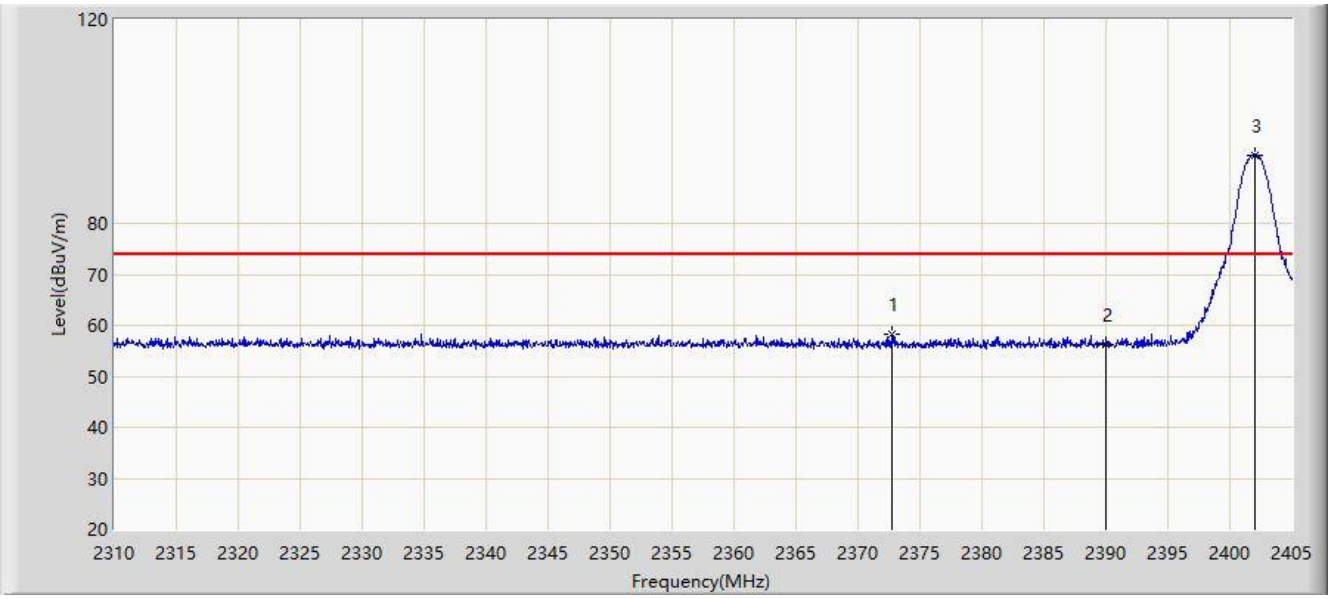


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1			2390.000	43.819	14.524	-10.181	54.000	29.296	AV
2		*	2401.913	91.939	62.663	N/A	N/A	29.275	AV

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

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

Site: WZ-AC2	Time: 2020/07/22 - 11:37
Limit: FCC_Part15_Band Edge(3m)	Engineer: Edgar Ma
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AM&FM CLOCK Radio	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at channel 2402MHz	

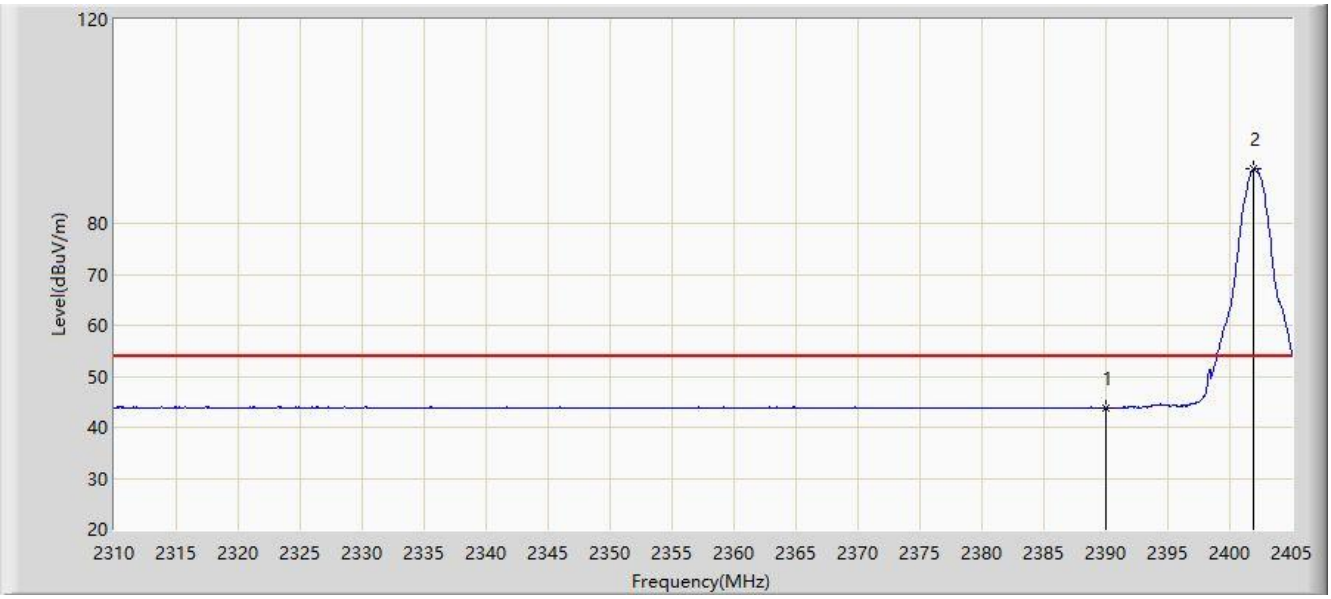


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1			2372.748	58.117	28.763	-15.883	74.000	29.354	PK
2			2390.000	56.187	26.892	-17.813	74.000	29.296	PK
3		*	2402.008	93.478	64.203	N/A	N/A	29.275	PK

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

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

Site: WZ-AC2	Time: 2020/07/22 - 11:40
Limit: FCC_Part15_Band Edge(3m)	Engineer: Edgar Ma
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AM&FM CLOCK Radio	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at channel 2402MHz	

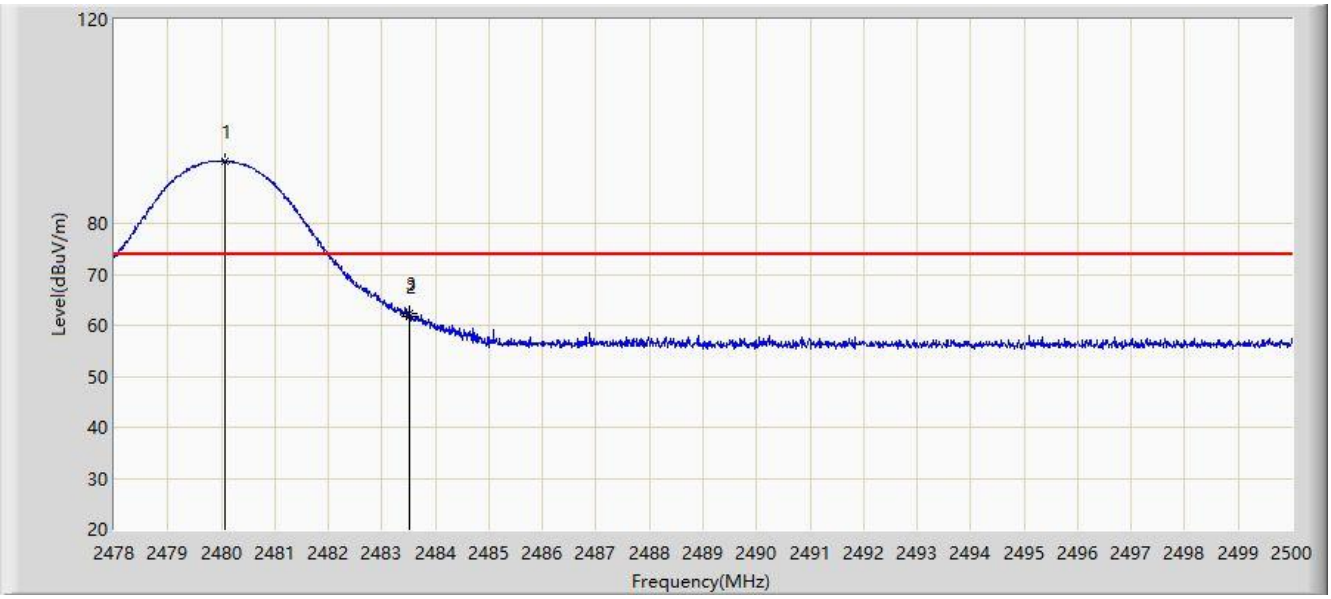


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1			2390.000	43.698	14.403	-10.302	54.000	29.296	AV
2		*	2401.960	90.653	61.378	N/A	N/A	29.275	AV

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

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

Site: WZ-AC2	Time: 2020/07/22 - 11:41
Limit: FCC_Part15_Band Edge(3m)	Engineer: Edgar Ma
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AM&FM CLOCK Radio	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at channel 2480MHz	

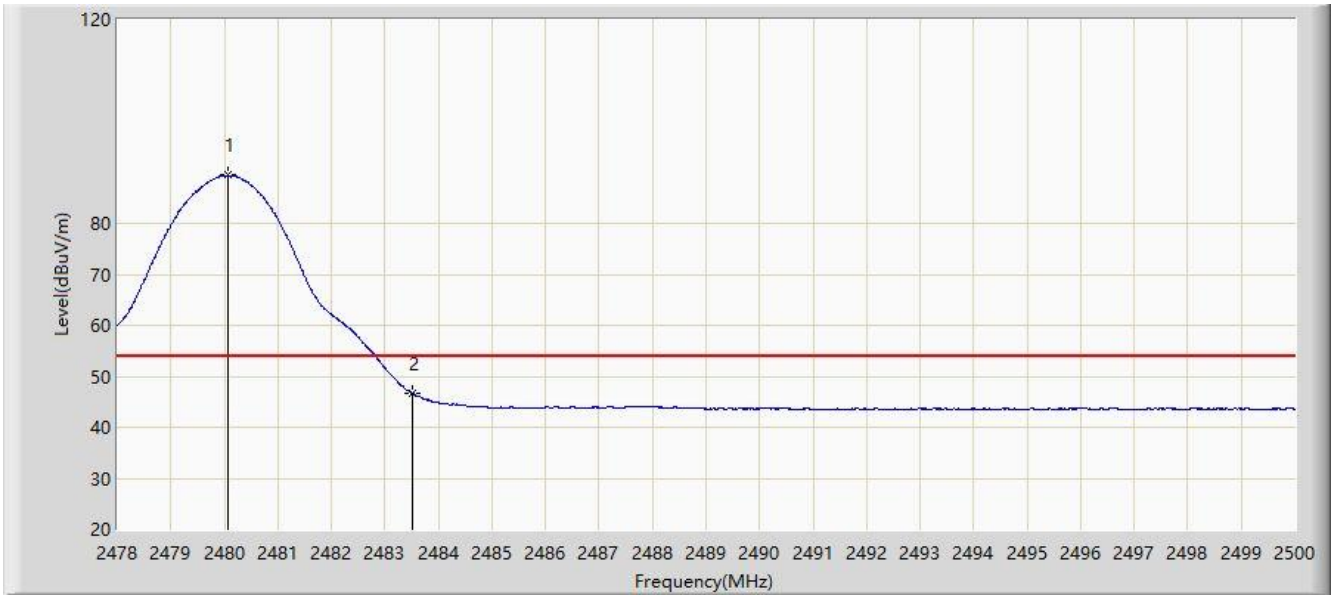


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1		*	2480.079	92.278	63.139	N/A	N/A	29.139	PK
2			2483.500	61.655	32.512	-12.345	74.000	29.143	PK
3			2483.522	62.389	33.246	-11.611	74.000	29.143	PK

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

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

Site: WZ-AC2	Time: 2020/07/22 - 11:45
Limit: FCC_Part15_Band Edge(3m)	Engineer: Edgar Ma
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AM&FM CLOCK Radio	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at channel 2480MHz	

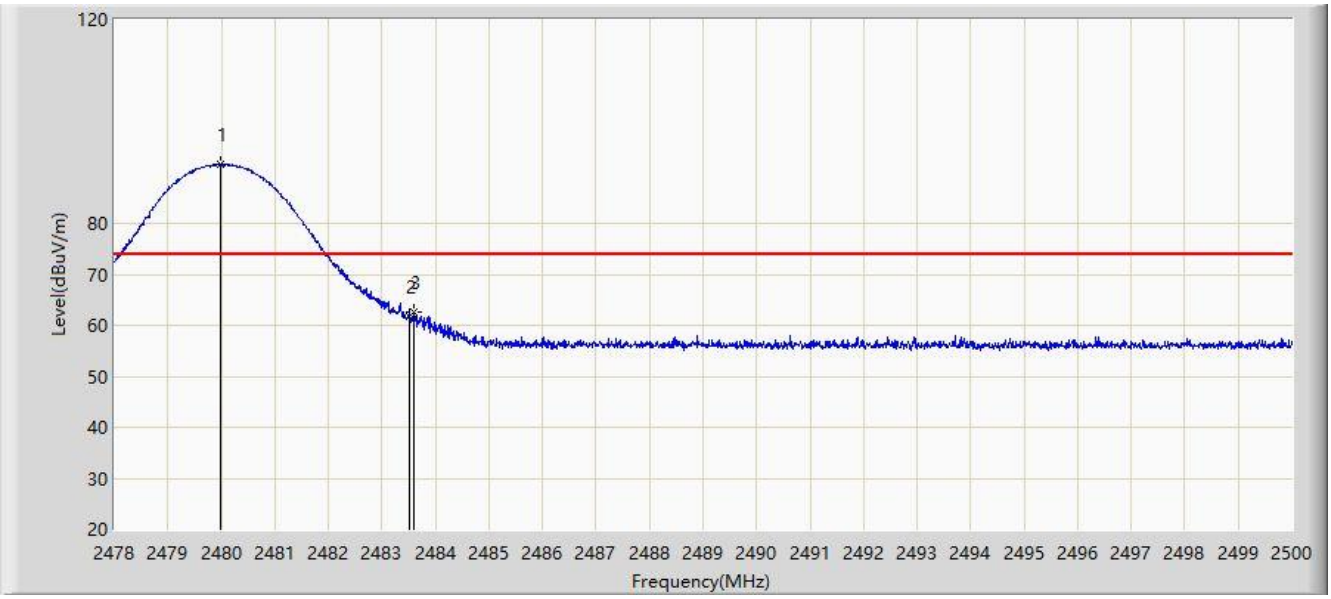


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1		*	2480.068	89.422	60.283	N/A	N/A	29.139	AV
2			2483.500	46.718	17.575	-7.282	54.000	29.143	AV

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

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

Site: WZ-AC2	Time: 2020/07/22 - 11:47
Limit: FCC_Part15_Band Edge(3m)	Engineer: Edgar Ma
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AM&FM CLOCK Radio	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at channel 2480MHz	

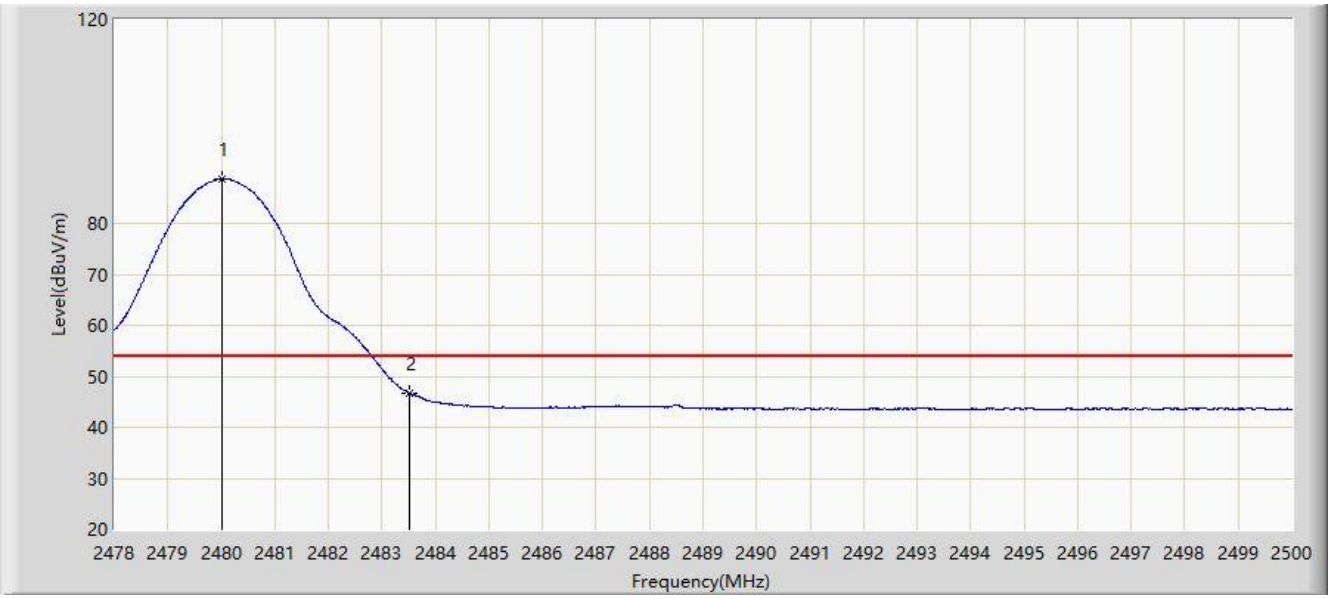


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1		*	2479.980	91.629	62.491	N/A	N/A	29.138	PK
2			2483.500	61.790	32.647	-12.210	74.000	29.143	PK
3			2483.599	62.469	33.326	-11.531	74.000	29.143	PK

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

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

Site: WZ-AC2	Time: 2020/07/22 - 11:49
Limit: FCC_Part15_Band Edge(3m)	Engineer: Edgar Ma
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AM&FM CLOCK Radio	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at channel 2480MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1		*	2480.002	88.674	59.536	N/A	N/A	29.138	AV
2			2483.500	46.743	17.600	-7.257	54.000	29.143	AV

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

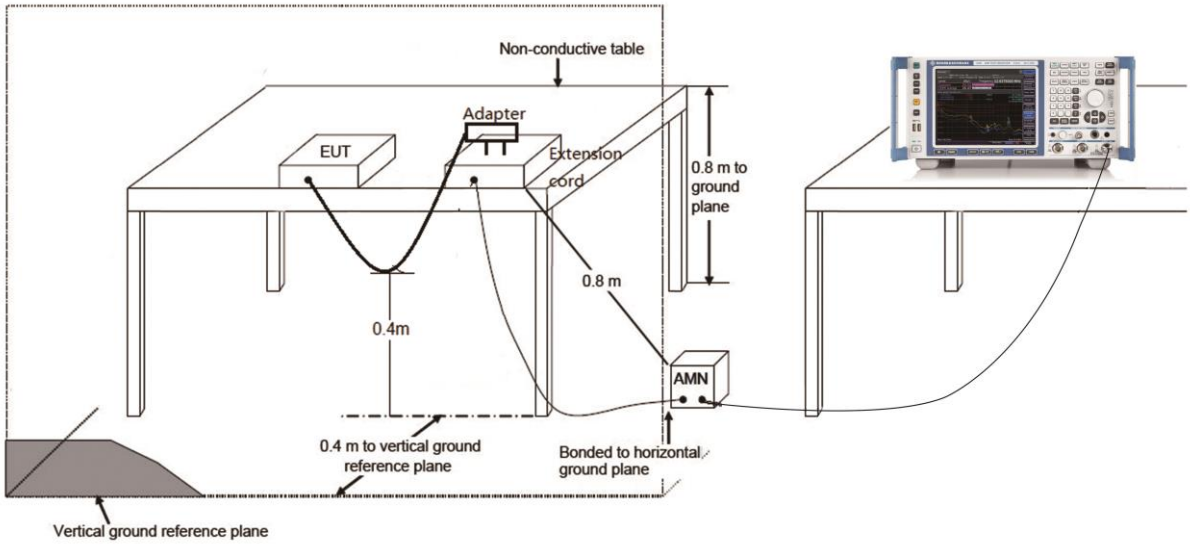
Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

7.11. AC Conducted Emissions Measurement

7.11.1.Test Limit

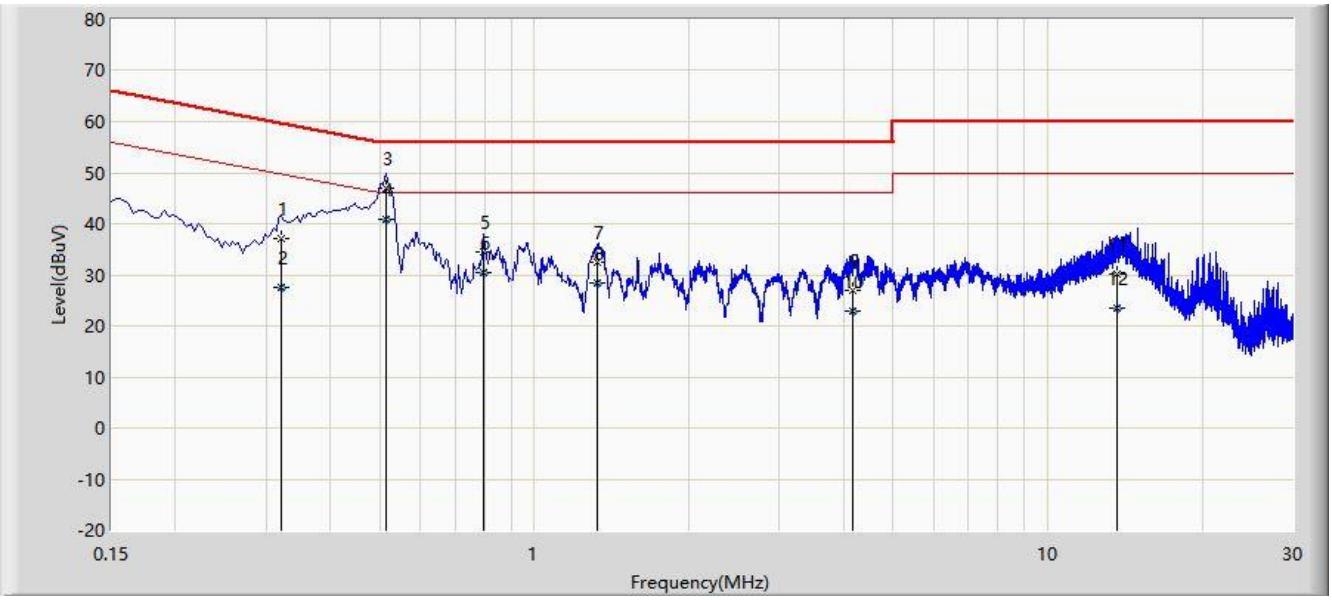
FCC Part 15.207 Limits		
Frequency (MHz)	QP (dBμV)	Average (dBμV)
0.15 - 0.50	66 - 56	56 - 46
0.50 - 5.0	56	46
5.0 - 30	60	50
Note 1: The lower limit shall apply at the transition frequencies. Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.		

7.11.2.Test Setup



7.11.3.Test Result

Site: WZ-SR2	Time: 2020/09/30 - 10:09
Limit: FCC_Part15.207_CE_AC Power	Engineer: Antony Yang
Probe: ENV216_101683_Filter On	Polarity: Line
EUT: AM&FM CLOCK Radio	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at Channel 2441MHz	

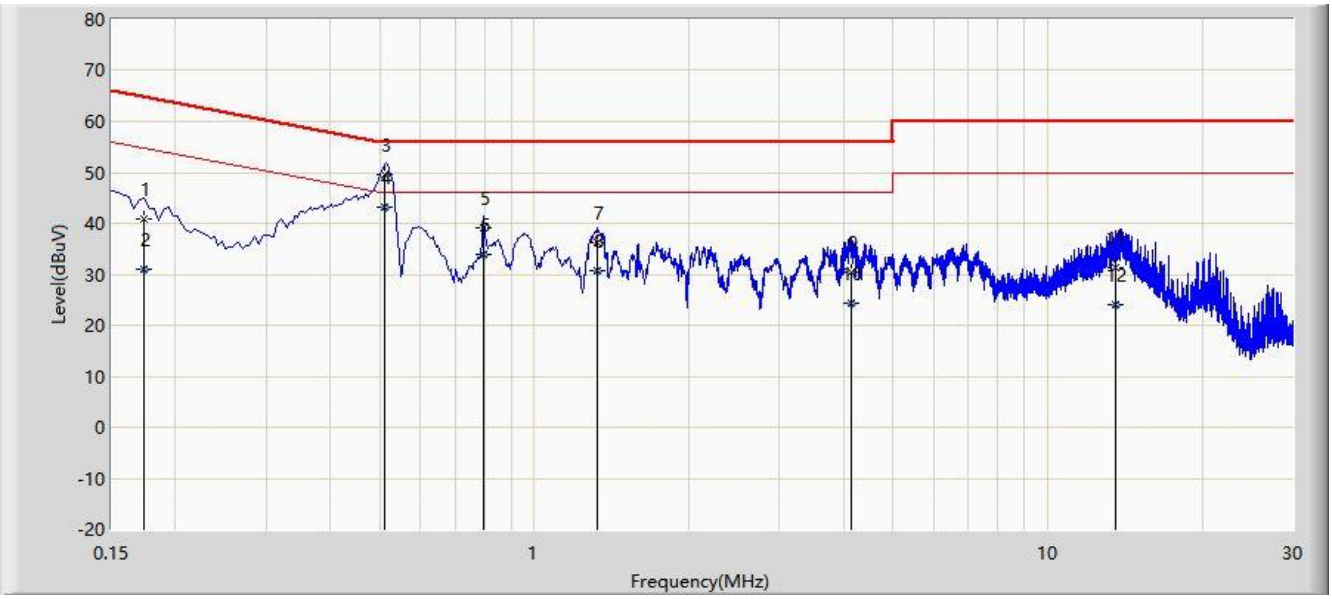


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV)	Factor (dB)	Type
1			0.322	37.146	27.483	-22.509	59.655	9.663	QP
2			0.322	27.502	17.839	-22.153	49.655	9.663	AV
3			0.514	46.930	37.232	-9.070	56.000	9.698	QP
4		*	0.514	40.730	31.032	-5.270	46.000	9.698	AV
5			0.794	34.616	24.883	-21.384	56.000	9.733	QP
6			0.794	30.487	20.754	-15.513	46.000	9.733	AV
7			1.326	32.586	22.832	-23.414	56.000	9.754	QP
8			1.326	28.488	18.734	-17.512	46.000	9.754	AV
9			4.158	26.965	17.130	-29.035	56.000	9.834	QP
10			4.158	22.772	12.938	-23.228	46.000	9.834	AV
11			13.686	30.212	20.067	-29.788	60.000	10.145	QP
12			13.686	23.545	13.400	-26.455	50.000	10.145	AV

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

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

Site: WZ-SR2	Time: 2020/09/30 - 10:14
Limit: FCC_Part15.207_CE_AC Power	Engineer: Antony Yang
Probe: ENV216_101683_Filter On	Polarity: Neutral
EUT: AM&FM CLOCK Radio	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at Channel 2441MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV)	Factor (dB)	Type
1			0.174	40.938	31.322	-23.829	64.767	9.616	QP
2			0.174	30.898	21.283	-23.869	54.767	9.616	AV
3			0.510	49.463	39.776	-6.537	56.000	9.687	QP
4		*	0.510	43.222	33.535	-2.778	46.000	9.687	AV
5			0.798	39.138	29.415	-16.862	56.000	9.723	QP
6			0.798	33.836	24.113	-12.164	46.000	9.723	AV
7			1.322	36.258	26.511	-19.742	56.000	9.747	QP
8			1.322	30.696	20.949	-15.304	46.000	9.747	AV
9			4.150	30.307	20.480	-25.693	56.000	9.827	QP
10			4.150	24.298	14.471	-21.702	46.000	9.827	AV
11			13.562	31.317	21.167	-28.683	60.000	10.150	QP
12			13.562	24.197	14.047	-25.803	50.000	10.150	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 “2007RSU032-UT” file.

Appendix B - EUT Photograph

Refer to “2007RSU032-UE” file.