

2DH5 Conducted Spurious Emissions

Channel 00 (2402MHz)



Channel 39 (2441MHz)



Channel 78 (2480MHz)



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3DH5 Conducted Spurious Emissions

Channel 00 (2402MHz)



Channel 39 (2441MHz)



Channel 78 (2480MHz)



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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 [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

7.9.2. 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

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

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

Peak Measurements above 1GHz

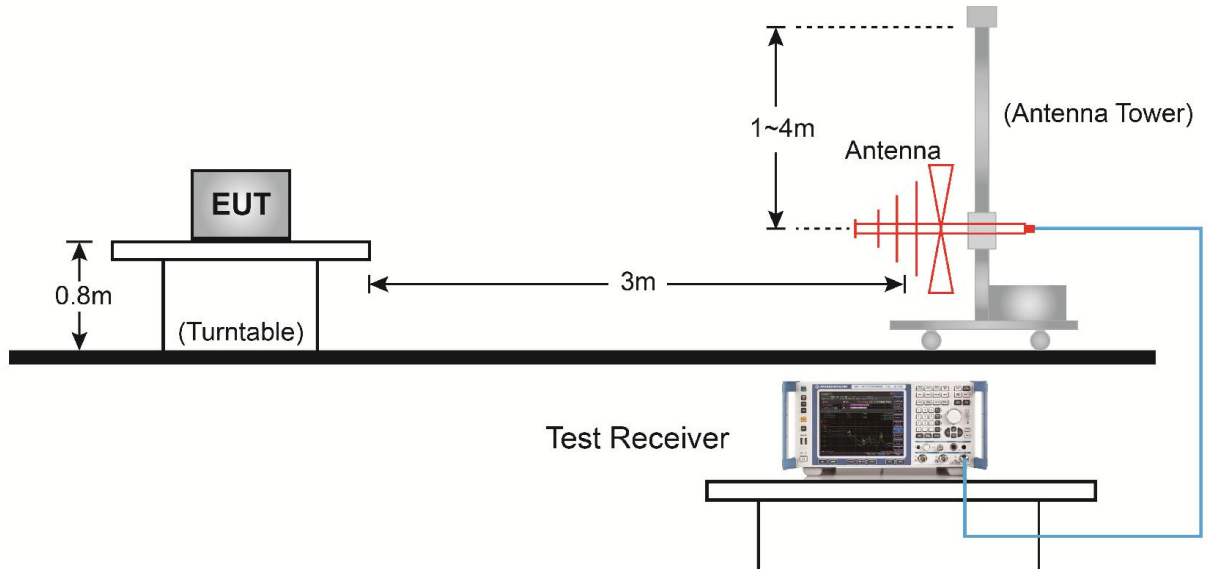
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

Average Measurements above 1GHz (Method VB)

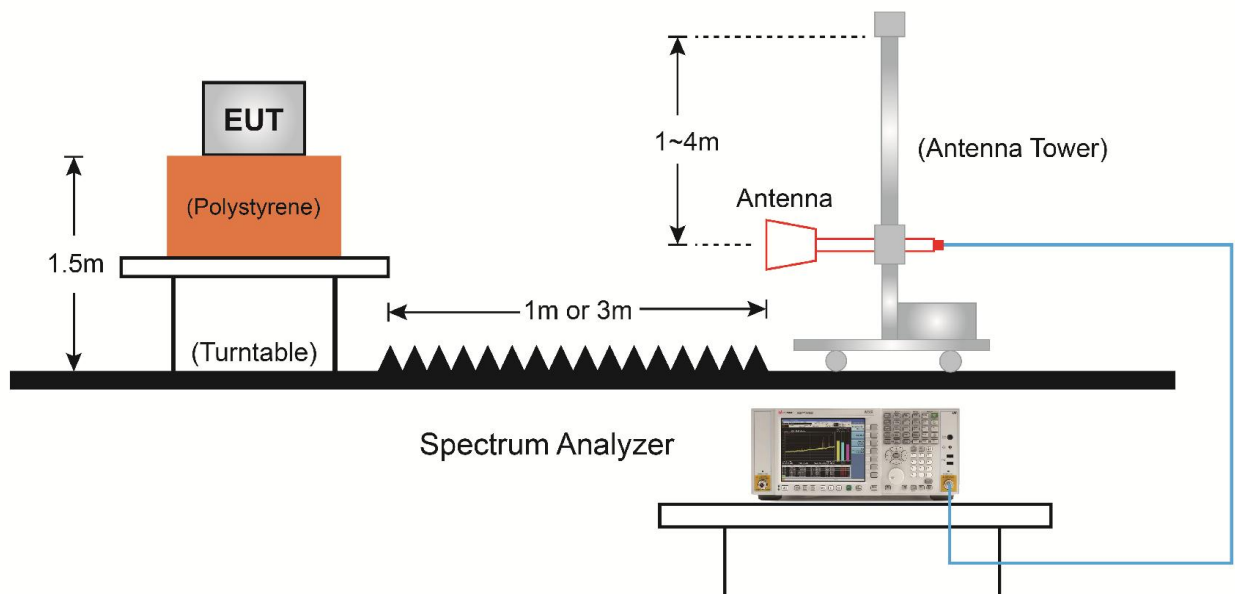
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW; If the EUT is configured to transmit with duty cycle $\geq 98\%$, set VBW = 10 Hz.
If the EUT duty cycle is $< 98\%$, set $\text{VBW} \geq 1/T$. T is the minimum transmission duration.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

7.9.4. Test Setup

Below 1GHz Test Setup:



Above 1GHz Test Setup:



7.9.5. Test Result

Product	Radio DÂNDIMPEN	Temperature	25°C
Test Engineer	David Lv	Relative Humidity	56%
Test Site	AC2	Test Date	2019/09/25
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
	4136.5	37.3	1.0	38.3	74.0	-35.7	Peak	Horizontal
	4808.0	42.0	3.5	45.5	74.0	-28.5	Peak	Horizontal
*	5870.5	34.4	6.1	40.5	74.0	-33.5	Peak	Horizontal
*	6635.5	34.3	8.3	42.6	74.0	-31.4	Peak	Horizontal
	4136.5	37.3	1.0	38.3	74.0	-35.7	Peak	Vertical
	4808.0	42.4	3.5	45.9	74.0	-28.1	Peak	Vertical
*	6253.0	35.1	6.9	42.0	74.0	-32.0	Peak	Vertical
*	6678.0	33.4	8.5	41.9	74.0	-32.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 20dBc of the fundamental emission level (96.4dBμV/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	Radio DÂNDIMPEN	Temperature	25°C
Test Engineer	David Lv	Relative Humidity	56%
Test Site	AC2	Test Date	2019/09/25
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
	4179.0	37.9	1.2	39.1	74.0	-34.9	Peak	Horizontal
	4884.5	42.1	3.5	45.6	74.0	-28.4	Peak	Horizontal
*	5607.0	36.5	4.5	41.0	74.0	-33.0	Peak	Horizontal
*	6865.0	33.7	9.5	43.2	74.0	-30.8	Peak	Horizontal
	4111.0	37.6	0.9	38.5	74.0	-35.5	Peak	Vertical
	4884.5	43.2	3.5	46.7	74.0	-27.3	Peak	Vertical
*	6057.5	35.3	6.1	41.4	74.0	-32.6	Peak	Vertical
*	6958.5	33.5	10.1	43.6	74.0	-30.4	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 20dBc of the fundamental emission level (95.9dBμV/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	Radio DÂNDIMPEN	Temperature	25°C
Test Engineer	David Lv	Relative Humidity	56%
Test Site	AC2	Test Date	2019/09/25
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
	4111.0	37.1	0.9	38.0	74.0	-36.0	Peak	Horizontal
	4961.0	42.9	3.5	46.4	74.0	-27.6	Peak	Horizontal
*	6389.0	34.8	7.4	42.2	74.0	-31.8	Peak	Horizontal
*	7026.5	33.1	10.6	43.7	74.0	-30.3	Peak	Horizontal
	3983.5	37.3	0.3	37.6	74.0	-36.4	Peak	Vertical
	4961.0	43.2	3.5	46.7	74.0	-27.3	Peak	Vertical
*	6134.0	34.7	6.4	41.1	74.0	-32.9	Peak	Vertical
*	6975.5	33.1	10.3	43.4	74.0	-30.6	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 20dBc of the fundamental emission level (95.5dBμV/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	Radio DÂNDIMPEN	Temperature	25°C
Test Engineer	David Lv	Relative Humidity	56%
Test Site	AC2	Test Date	2019/09/25
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
	4119.5	37.3	0.9	38.2	74.0	-35.8	Peak	Horizontal
	4808.0	42.6	3.5	46.1	74.0	-27.9	Peak	Horizontal
*	5964.0	35.5	5.8	41.3	74.0	-32.7	Peak	Horizontal
*	6967.0	34.7	10.2	44.9	74.0	-29.1	Peak	Horizontal
	3966.5	37.8	0.2	38.0	74.0	-36.0	Peak	Vertical
	4808.0	44.2	3.5	47.7	74.0	-26.3	Peak	Vertical
*	6270.0	34.3	6.9	41.2	74.0	-32.8	Peak	Vertical
*	6754.5	34.2	8.8	43.0	74.0	-31.0	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 20dBc of the fundamental emission level (98.8dBμV/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	Radio DÂNDIMPEN	Temperature	25°C
Test Engineer	David Lv	Relative Humidity	56%
Test Site	AC2	Test Date	2019/09/25
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
	3856.0	37.7	0.0	37.7	74.0	-36.3	Peak	Horizontal
	4884.5	43.9	3.5	47.4	74.0	-26.6	Peak	Horizontal
*	6185.0	35.6	6.8	42.4	74.0	-31.6	Peak	Horizontal
*	6593.0	34.3	8.1	42.4	74.0	-31.6	Peak	Horizontal
	4187.5	37.3	1.3	38.6	74.0	-35.4	Peak	Vertical
	4884.5	44.2	3.5	47.7	74.0	-26.3	Peak	Vertical
*	6015.0	34.9	6.0	40.9	74.0	-33.1	Peak	Vertical
*	6848.0	34.1	9.1	43.2	74.0	-30.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 20dBc of the fundamental emission level (98.2dBμV/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	Radio DÂNDIMPEN	Temperature	25°C
Test Engineer	David Lv	Relative Humidity	56%
Test Site	AC2	Test Date	2019/09/25
Test Mode:	2DH5	Test Channel:	78
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	3975.0	38.0	0.2	38.2	74.0	-35.8	Peak	Horizontal
	4961.0	44.9	3.5	48.4	74.0	-25.6	Peak	Horizontal
*	6168.0	35.0	6.7	41.7	74.0	-32.3	Peak	Horizontal
*	6593.0	34.9	8.1	43.0	74.0	-31.0	Peak	Horizontal
	4119.5	37.6	0.9	38.5	74.0	-35.5	Peak	Vertical
	4961.0	45.8	3.5	49.3	74.0	-24.7	Peak	Vertical
*	6185.0	34.5	6.8	41.3	74.0	-32.7	Peak	Vertical
*	6550.5	34.7	8.4	43.1	74.0	-30.9	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 20dBc of the fundamental emission level (97.6dBμV/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	Radio DÂNDIMPEN	Temperature	25°C
Test Engineer	David Lv	Relative Humidity	56%
Test Site	AC2	Test Date	2019/09/25
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
	4051.5	37.4	0.6	38.0	74.0	-36.0	Peak	Horizontal
	4808.0	43.6	3.5	47.1	74.0	-26.9	Peak	Horizontal
*	6185.0	34.8	6.8	41.6	74.0	-32.4	Peak	Horizontal
*	7171.0	34.6	11.1	45.7	74.0	-28.3	Peak	Horizontal
	4119.5	37.3	0.9	38.2	74.0	-35.8	Peak	Vertical
	4808.0	44.2	3.5	47.7	74.0	-26.3	Peak	Vertical
*	6193.5	35.4	6.7	42.1	74.0	-31.9	Peak	Vertical
*	7069.0	33.6	10.7	44.3	74.0	-29.7	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 20dBc of the fundamental emission level (98.9dBμV/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	Radio DÂNDIMPEN	Temperature	25°C
Test Engineer	David Lv	Relative Humidity	56%
Test Site	AC2	Test Date	2019/09/25
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
	4247.0	37.0	1.4	38.4	74.0	-35.6	Peak	Horizontal
	4884.5	42.9	3.5	46.4	74.0	-27.6	Peak	Horizontal
*	5904.5	35.9	6.0	41.9	74.0	-32.1	Peak	Horizontal
*	7162.5	34.2	11.3	45.5	74.0	-28.5	Peak	Horizontal
	4111.0	36.8	0.9	37.7	74.0	-36.3	Peak	Vertical
	4884.5	44.1	3.5	47.6	74.0	-26.4	Peak	Vertical
*	5862.0	34.1	6.2	40.3	74.0	-33.7	Peak	Vertical
*	6593.0	34.9	8.1	43.0	74.0	-31.0	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 20dBc of the fundamental emission level (98.3dBμV/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)

Product	Radio DÂNDIMPEN	Temperature	25°C
Test Engineer	David Lv	Relative Humidity	56%
Test Site	AC2	Test Date	2019/09/25
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
	3992.0	37.7	0.3	38.0	74.0	-36.0	Peak	Horizontal
	4961.0	44.9	3.5	48.4	74.0	-25.6	Peak	Horizontal
*	6032.0	35.2	5.8	41.0	74.0	-33.0	Peak	Horizontal
*	6907.5	33.7	9.8	43.5	74.0	-30.5	Peak	Horizontal
	4043.0	36.9	0.6	37.5	74.0	-36.5	Peak	Vertical
	4961.0	46.7	3.5	50.2	74.0	-23.8	Peak	Vertical
*	5972.5	35.6	5.7	41.3	74.0	-32.7	Peak	Vertical
*	6754.5	33.6	8.8	42.4	74.0	-31.6	Peak	Vertical

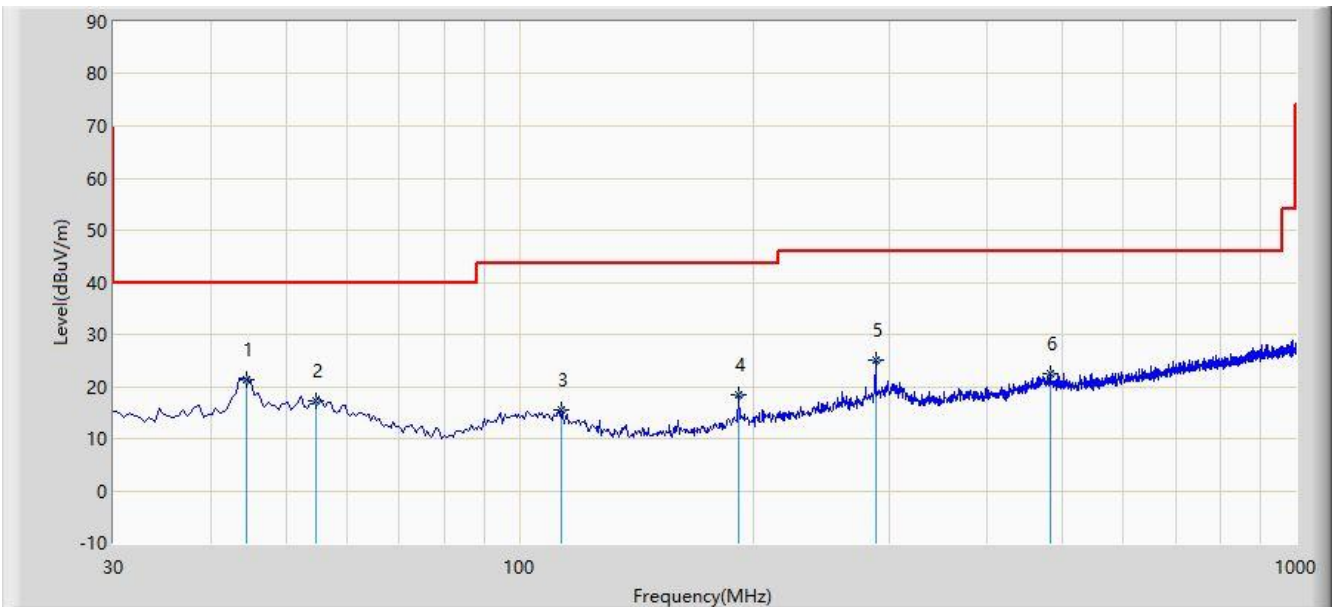
Note 1: "*" is not in restricted band, its limit is 20dBc of the fundamental emission level (97.7dBμV/m) or 15.209 which is higher.

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

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

The Worst Case of Radiated Emission below 1GHz:

Site: AC2	Time: 2019/09/25 - 22:51
Limit: FCC_Part15.209_RSE(3m)	Engineer: David Lv
Probe: VULB9162_0.03-8GHz	Polarity: Horizontal
EUT: Radio DÂNDIMPEN	Power: By Battery
Test Mode 1	



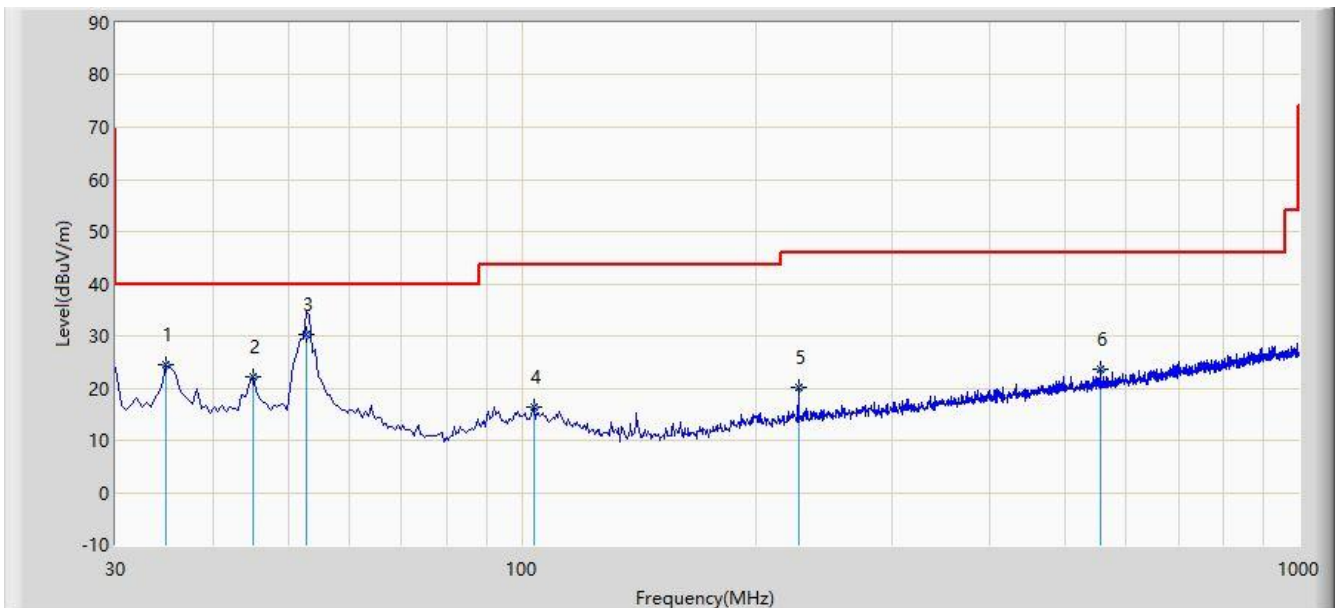
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	44.550	21.297	6.659	-18.703	40.000	14.638	QP
2			54.735	17.310	2.678	-22.690	40.000	14.632	QP
3			113.420	15.624	3.420	-27.876	43.500	12.204	QP
4			191.990	18.527	6.804	-24.973	43.500	11.724	QP
5			287.535	25.132	11.061	-20.868	46.000	14.072	QP
6			482.505	22.417	4.700	-23.583	46.000	17.717	QP

Note 1: Measure Level (dBuV/m) = Reading Level (dBuV) + 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: 2019/09/25 - 22:51
Limit: FCC_Part15.209_RSE(3m)	Engineer: David Lv
Probe: VULB9162_0.03-8GHz	Polarity: Vertical
EUT: Radio DÂNDIMPEN	Power: By Battery
Test Mode 1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			34.850	24.480	11.621	-15.520	40.000	12.858	QP
2			45.035	22.171	7.438	-17.829	40.000	14.733	QP
3		*	52.795	30.369	15.580	-9.631	40.000	14.790	QP
4			103.720	16.472	3.459	-27.028	43.500	13.013	QP
5			226.910	20.260	7.530	-25.740	46.000	12.730	QP
6			554.770	23.592	4.724	-22.408	46.000	18.868	QP

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

7.10. Radiated Restricted Band Edge Measurement

For 15.205 requirement:

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

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

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

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

For RSS-Gen Section 8.10 requirement:

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

Frequency (MHz)	Frequency (MHz)	Frequency (GHz)
0.090 - 0.110	149.9 -150.5	9.0 - 9.2
0.495 -0.505	156.52475 - 156.525225	9.3 - 9.5
2.1735 - 2.1905	156.7 - 156.9	10.6 - 12.7
3.020 - 3.026	162.0125 - 167.17	13.25 - 13.4
4.125 - 4.128	167.72 - 173.2	14.47 - 14.5
4.17725 - 4.17775	240 - 285	15.35 - 16.2
4.20725 - 4.20775	322 - 335.4	17.7 - 21.4
5.677 - 5.683	399.9 - 410	22.01 - 23.12
6.215 - 6.218	608 - 614	23.6 - 24.0
6.26775 - 6.26825	960 - 1427	31.2 - 31.8
6.31175 - 6.31225	1435 - 1626.5	36.43 - 36.5
8.291 - 8.294	1645.5 - 1646.5	Above 38.6
8.362 - 8.366	1660 - 1710	--
8.37625 - 8.38675	1718.8 -1722.2	
8.41425 - 8.41475	2200 - 2300	
12.29 - 12.293	2310 -2390	
12.51975 - 12.52025	2483.5 - 2500	
12.57675 - 12.57725	2655 - 2900	
13.36 -13.41	3260 - 3267	
16.42 - 16.423	3332 -3339	
16.69475 - 16.69525	334.5 - 3358	
16.80425 - 16.80475	3500 - 4400	
25.5 - 25.67	4500 - 5150	
37.5 - 38.25	5350 - 5460	
73 - 74.6	7250 - 7750	
74.8 - 75.2	8025 - 8500	
108 - 138	--	

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

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

7.10.1.Test Procedure Used

ANSI C63.10 Section 6.3 (General Requirements)

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

7.10.2.Test Setting

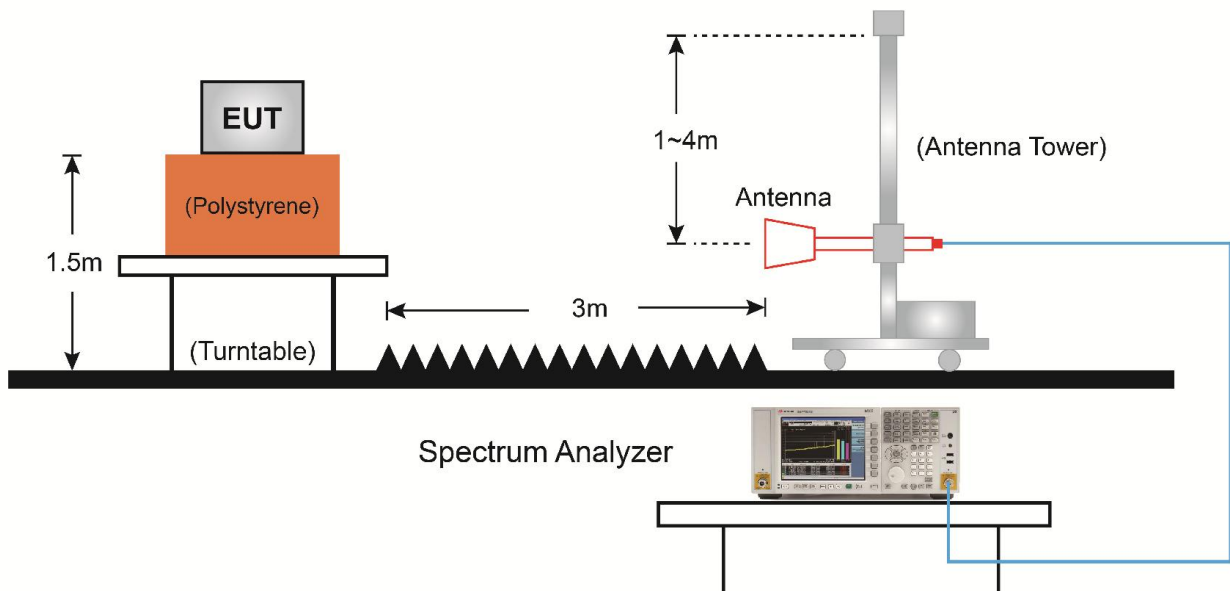
Peak Field Strength Measurements

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

Average Measurements above 1GHz (Method VB)

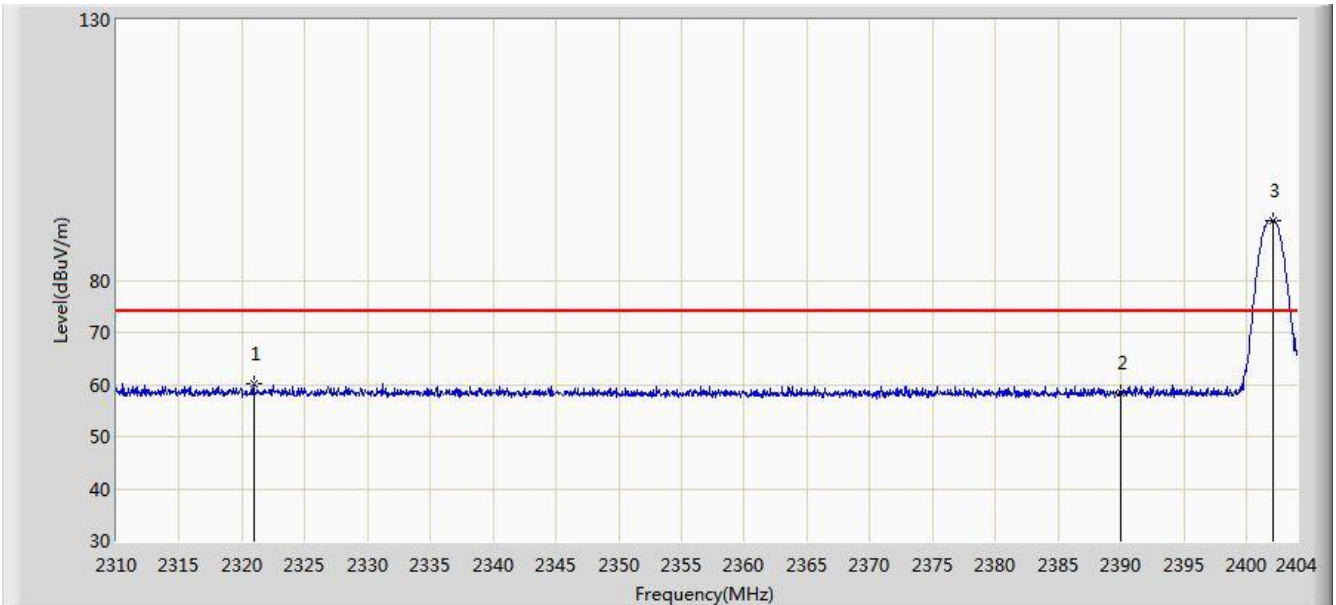
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW; If the EUT is configured to transmit with duty cycle $\geq 98\%$, set VBW = 10 Hz.
If the EUT duty cycle is $< 98\%$, set VBW $\geq 1/T$. T is the minimum transmission duration.
4.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

7.10.3.Test Setup



7.10.4.Test Result

Site: AC2	Time: 2019/09/25 - 18:44
Limit: FCC_Part15_RE(3m)	Engineer: David Lv
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Radio DÂNDIMPEN	Power: By Battery
Test Mode: Transmit by DH5 at channel 2402MHz	

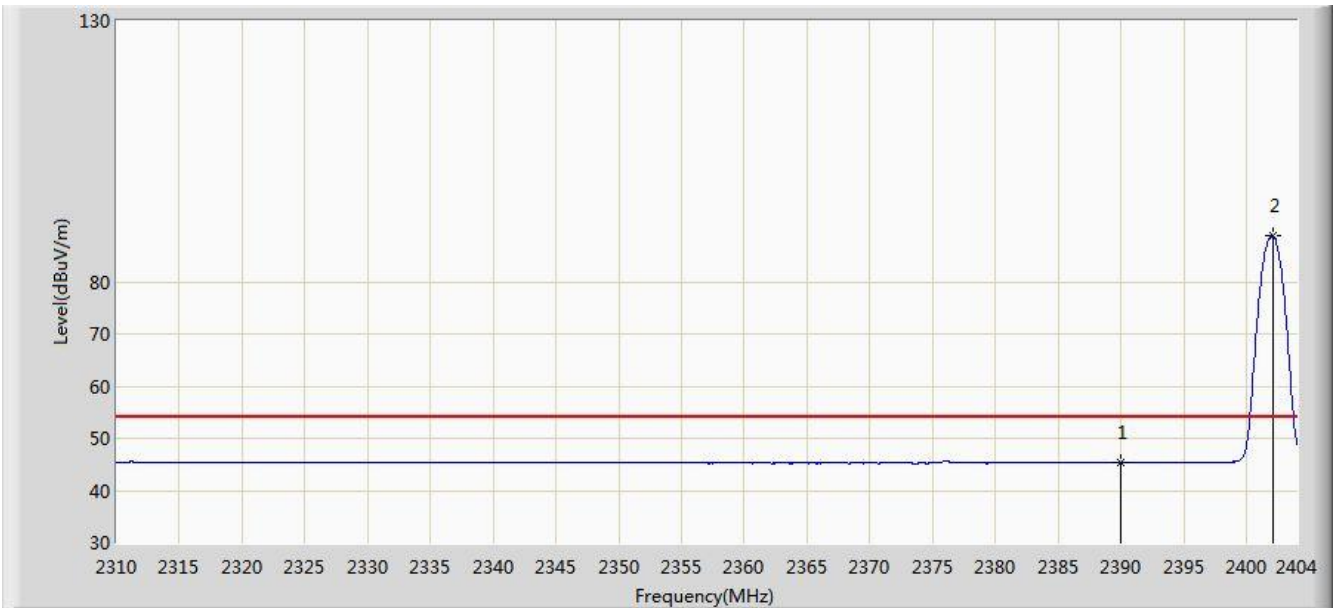


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2320.904	60.121	28.484	-13.879	74.000	31.637	PK
2			2390.000	58.546	27.097	-15.454	74.000	31.449	PK
3		*	2402.073	91.469	60.048	N/A	N/A	31.421	PK

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

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

Site: AC2	Time: 2019/09/25 - 18:48
Limit: FCC_Part15_RE(3m)	Engineer: David Lv
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Radio DÃNDIMPEN	Power: By Battery
Test Mode: Transmit by DH5 at channel 2402MHz	

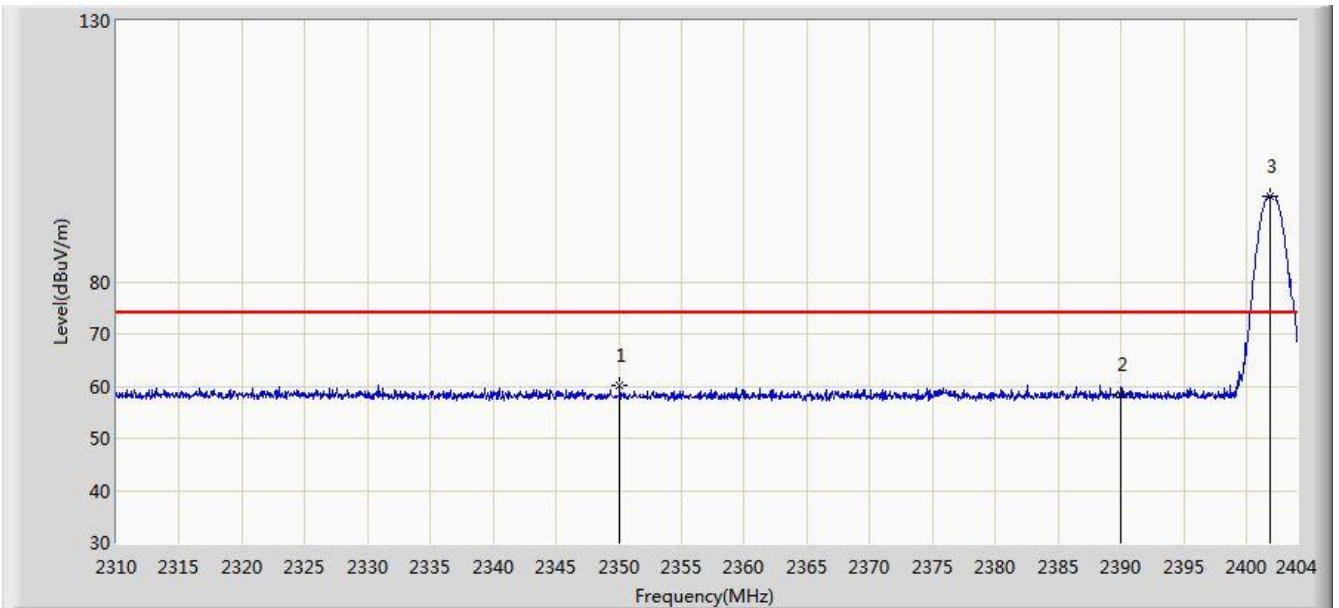


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	45.327	13.878	-8.673	54.000	31.449	AV
2		*	2402.073	88.788	57.367	N/A	N/A	31.421	AV

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

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

Site: AC2	Time: 2019/09/25 - 18:48
Limit: FCC_Part15_RE(3m)	Engineer: David Lv
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Radio DÂNDIMPEN	Power: By Battery
Test Mode: Transmit by DH5 at channel 2402MHz	

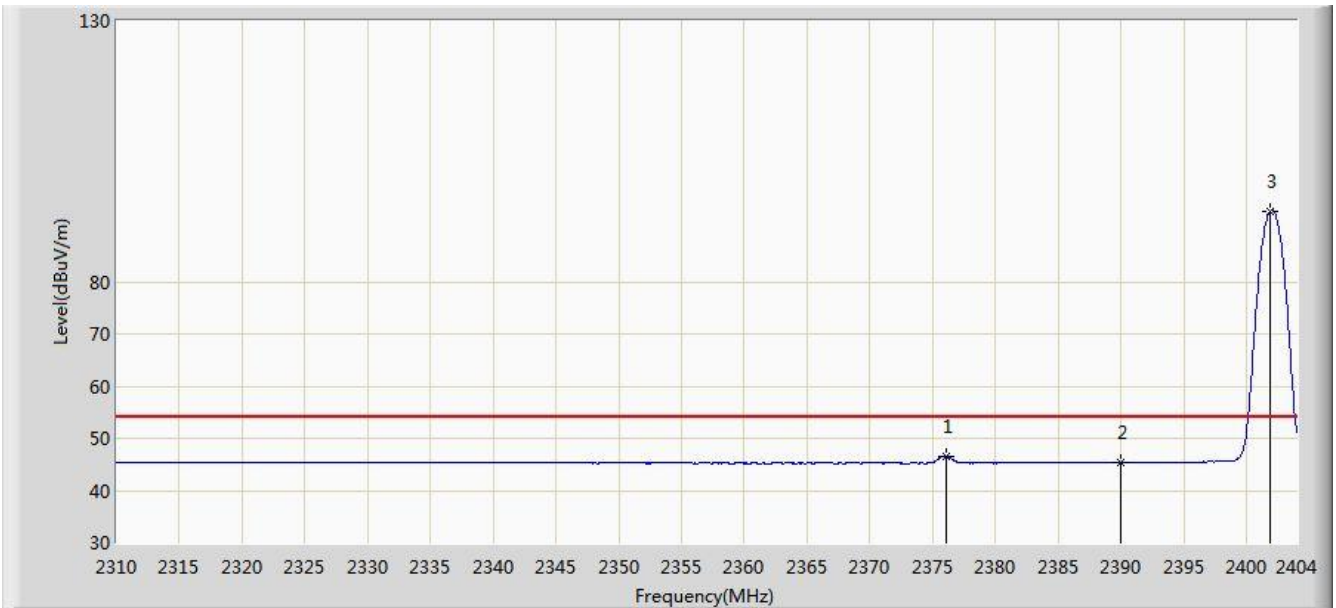


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2350.091	60.226	28.719	-13.774	74.000	31.507	PK
2			2390.000	58.269	26.820	-15.731	74.000	31.449	PK
3		*	2401.885	96.379	64.957	N/A	N/A	31.422	PK

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

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

Site: AC2	Time: 2019/09/25 - 18:50
Limit: FCC_Part15_RE(3m)	Engineer: David Lv
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Radio DÂNDIMPEN	Power: By Battery
Test Mode: Transmit by DH5 at channel 2402MHz	

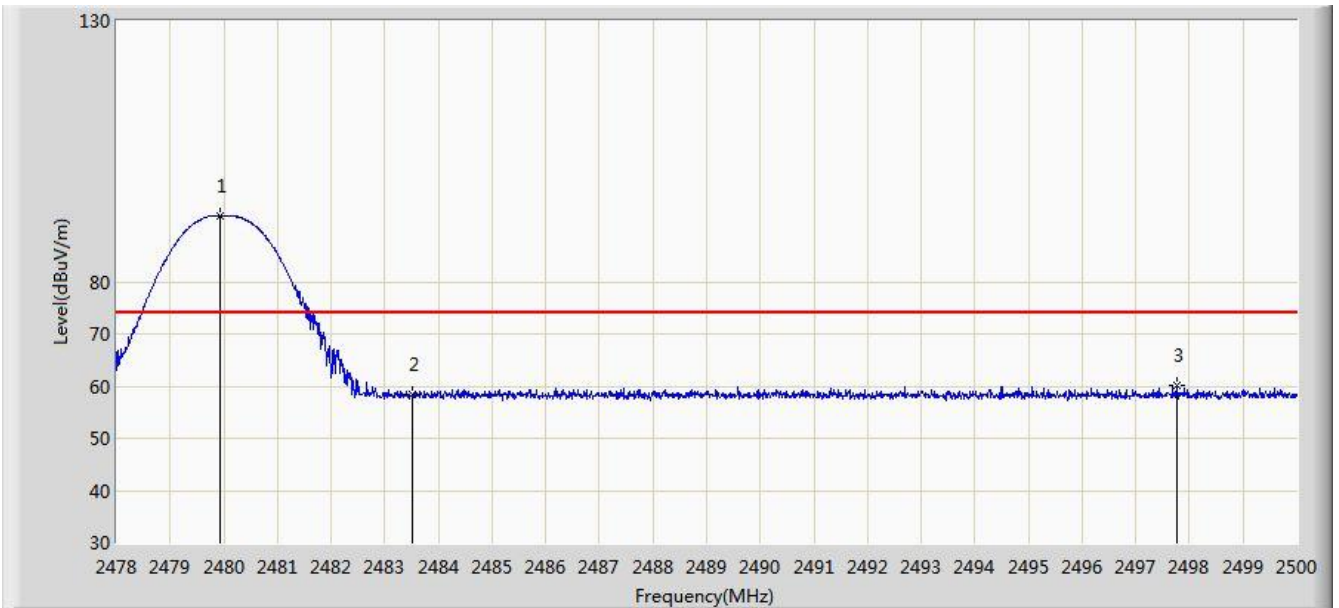


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2376.035	46.619	15.171	-7.381	54.000	31.448	AV
2			2390.000	45.325	13.876	-8.675	54.000	31.449	AV
3		*	2401.885	93.522	62.100	N/A	N/A	31.422	AV

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

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

Site: AC2	Time: 2019/09/25 - 18:50
Limit: FCC_Part15_RE(3m)	Engineer: David Lv
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Radio DÂNDIMPEN	Power: By Battery
Test Mode: Transmit by DH5 at channel 2480MHz	

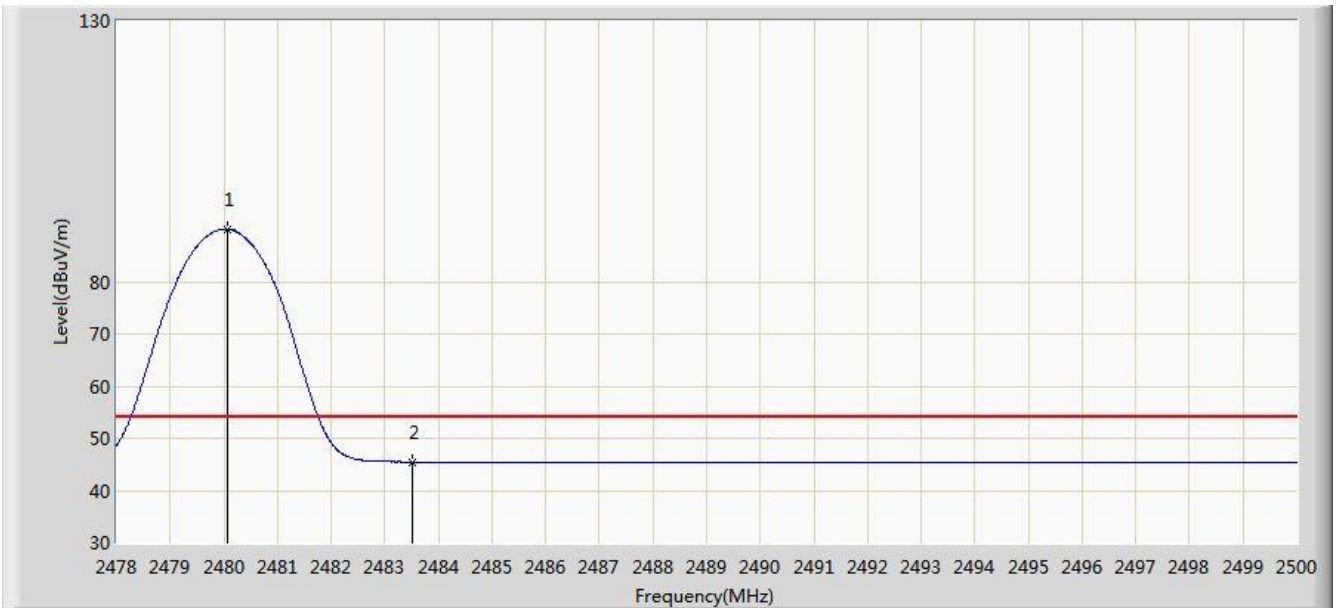


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.936	92.583	61.192	N/A	N/A	31.390	PK
2			2483.500	58.368	26.965	-15.632	74.000	31.403	PK
3			2497.756	60.036	28.588	-13.964	74.000	31.448	PK

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

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

Site: AC2	Time: 2019/09/25 - 18:53
Limit: FCC_Part15_RE(3m)	Engineer: David Lv
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Radio DÃNDIMPEN	Power: By Battery
Test Mode: Transmit by DH5 at channel 2480MHz	

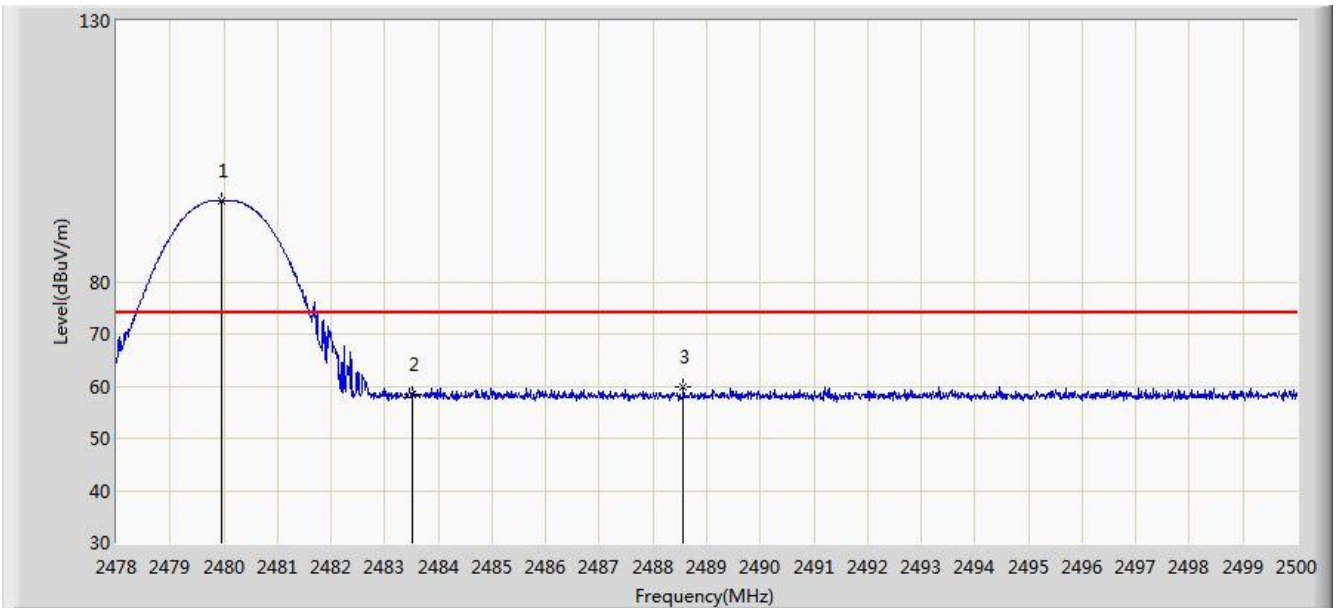


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.079	90.033	58.642	N/A	N/A	31.391	AV
2			2483.500	45.490	14.087	-8.510	54.000	31.403	AV

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

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

Site: AC2	Time: 2019/09/25 - 18:53
Limit: FCC_Part15_RE(3m)	Engineer: David Lv
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Radio DÂNDIMPEN	Power: By Battery
Test Mode: Transmit by DH5 at channel 2480MHz	

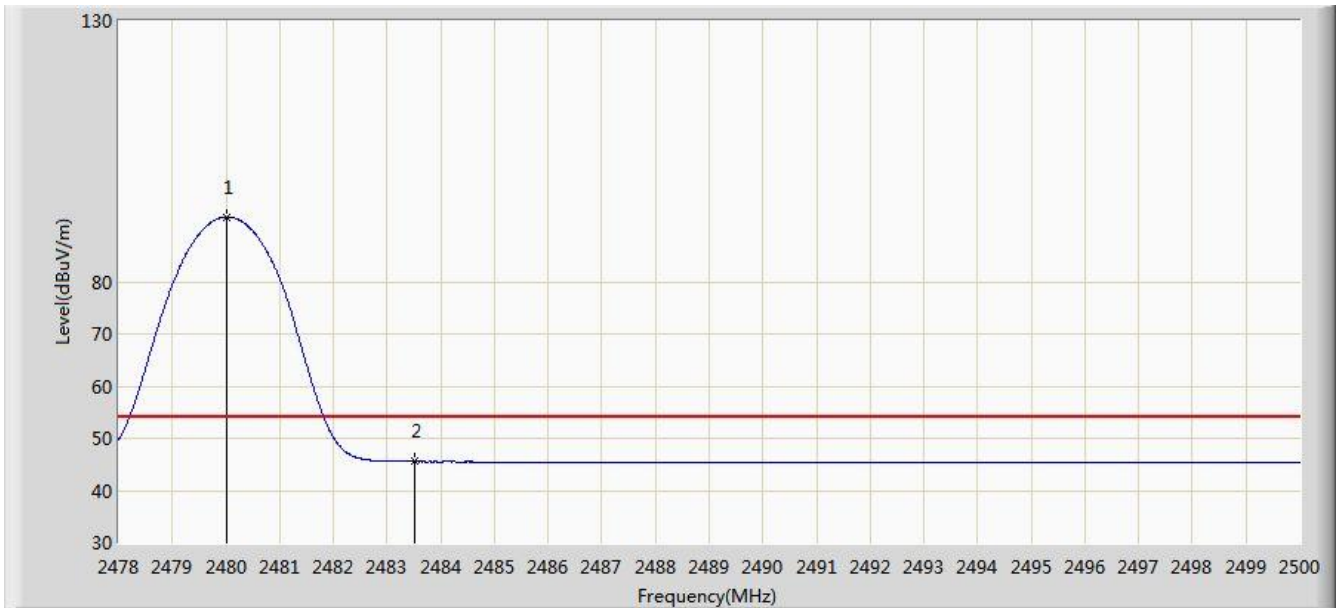


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.969	95.511	64.120	N/A	N/A	31.391	PK
2			2483.500	58.310	26.907	-15.690	74.000	31.403	PK
3			2488.560	59.743	28.323	-14.257	74.000	31.420	PK

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

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

Site: AC2	Time: 2019/09/25 - 18:55
Limit: FCC_Part15_RE(3m)	Engineer: David Lv
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Radio DÂNDIMPEN	Power: By Battery
Test Mode: Transmit by DH5 at channel 2480MHz	

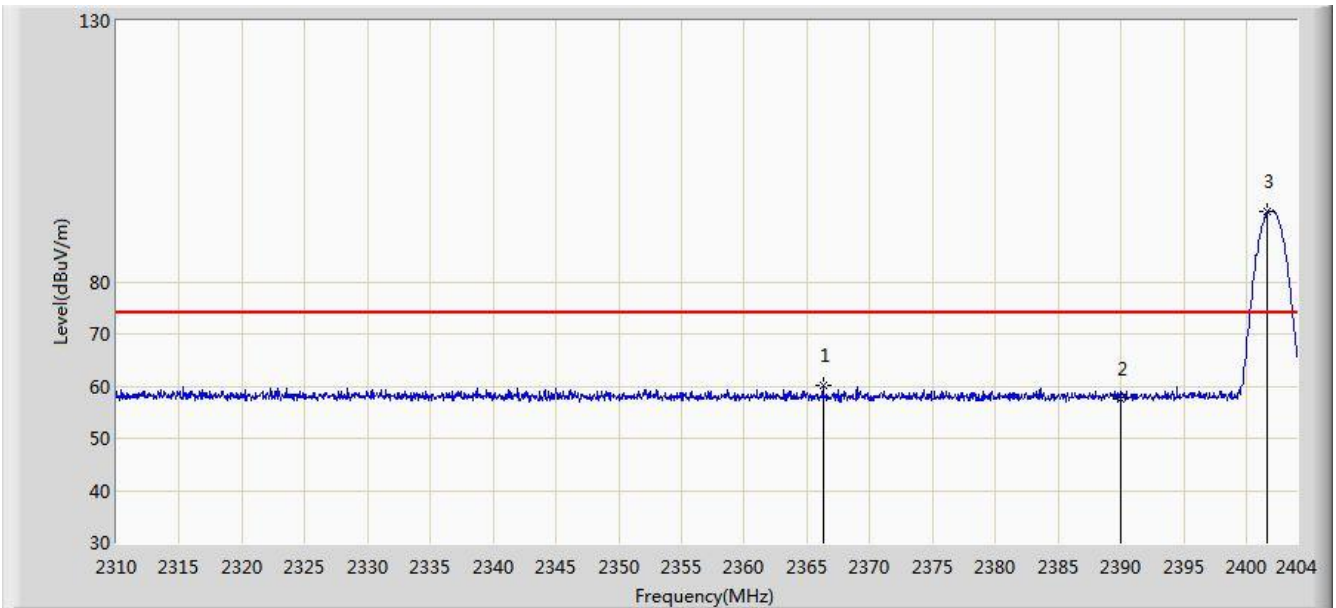


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.002	92.408	61.017	N/A	N/A	31.391	AV
2			2483.500	45.538	14.135	-8.462	54.000	31.403	AV

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

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

Site: AC2	Time: 2019/09/25 - 18:55
Limit: FCC_Part15_RE(3m)	Engineer: David Lv
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Radio DÂNDIMPEN	Power: By Battery
Test Mode: Transmit by 2DH5 at channel 2402MHz	

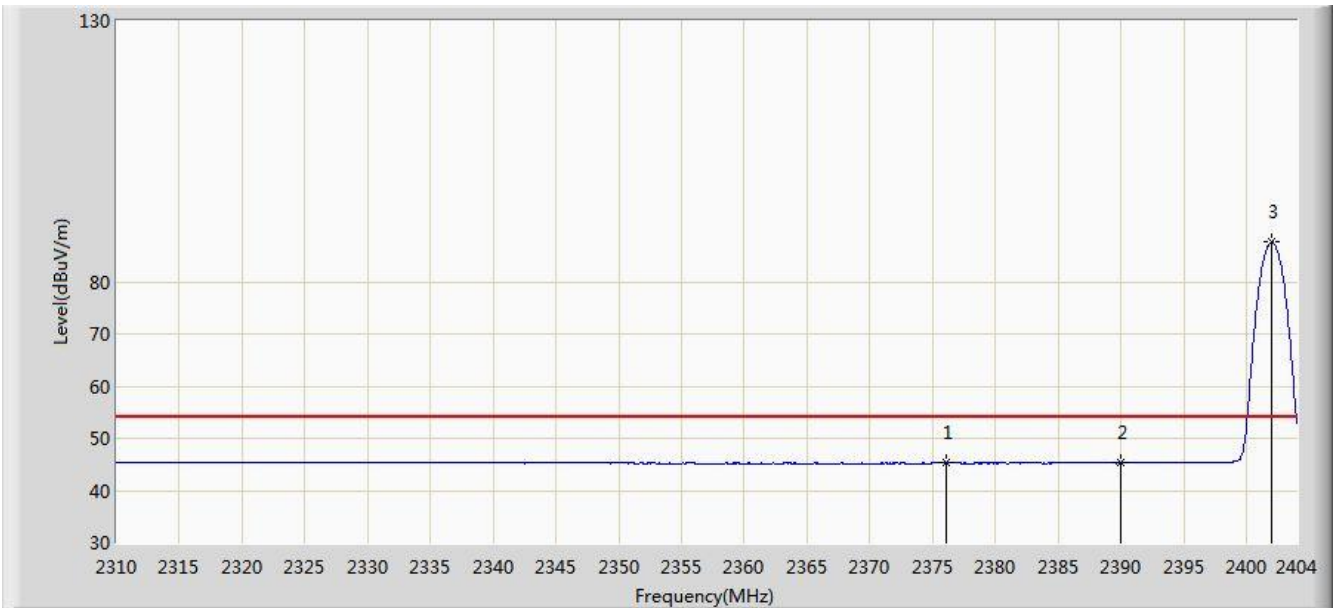


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2366.259	60.025	28.561	-13.975	74.000	31.463	PK
2			2390.000	57.528	26.079	-16.472	74.000	31.449	PK
3		*	2401.697	93.552	62.129	N/A	N/A	31.422	PK

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

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

Site: AC2	Time: 2019/09/25 - 18:57
Limit: FCC_Part15_RE(3m)	Engineer: David Lv
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Radio DÂNDIMPEN	Power: By Battery
Test Mode: Transmit by 2DH5 at channel 2402MHz	

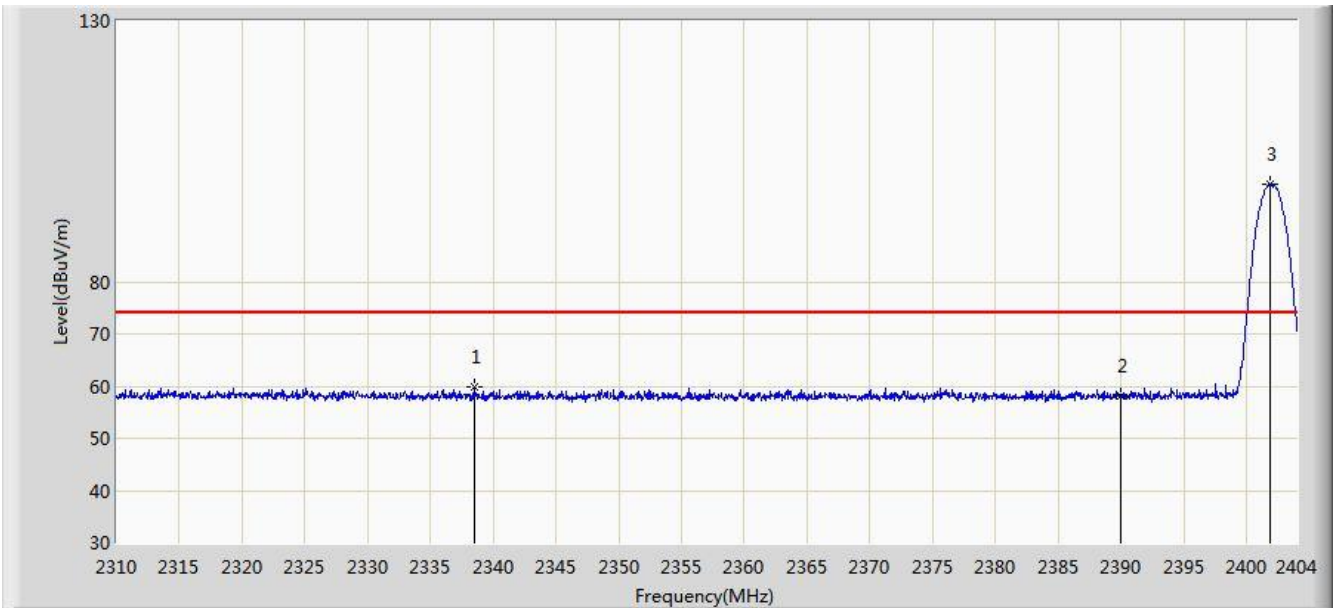


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2376.035	45.462	14.014	-8.538	54.000	31.448	AV
2			2390.000	45.264	13.815	-8.736	54.000	31.449	AV
3		*	2402.026	87.567	56.145	N/A	N/A	31.422	AV

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

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

Site: AC2	Time: 2019/09/25 - 18:58
Limit: FCC_Part15_RE(3m)	Engineer: David Lv
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Radio DÂNDIMPEN	Power: By Battery
Test Mode: Transmit by 2DH5 at channel 2402MHz	

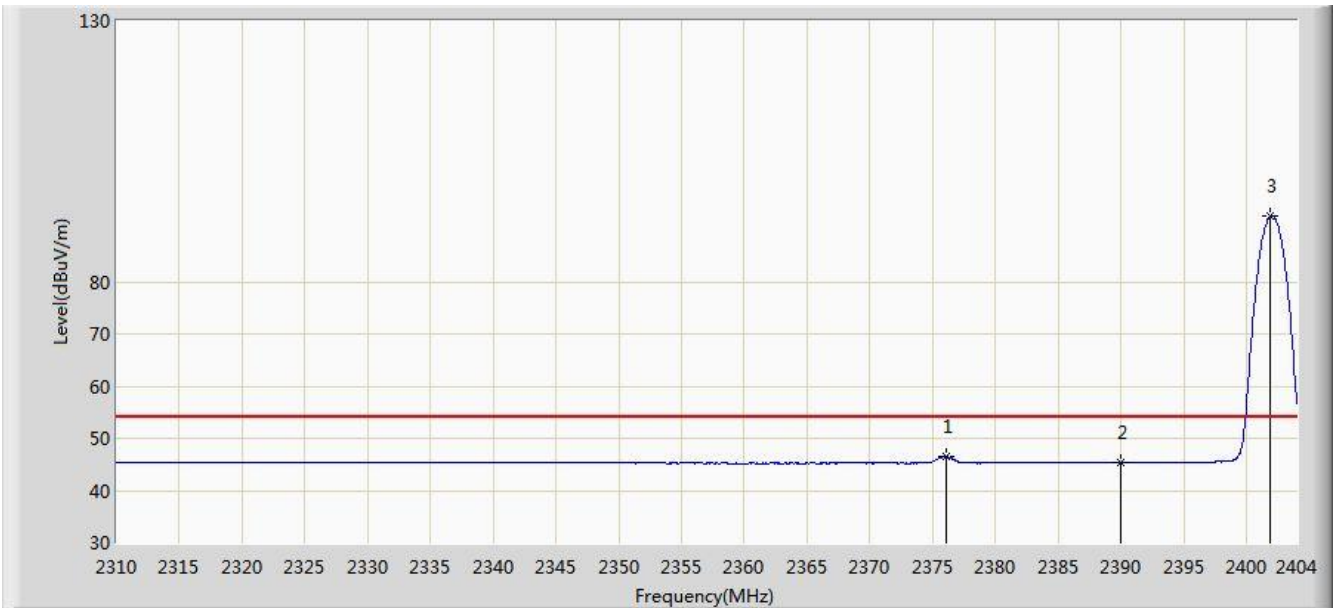


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2338.482	59.722	28.166	-14.278	74.000	31.556	PK
2			2390.000	58.173	26.724	-15.827	74.000	31.449	PK
3		*	2401.885	98.792	67.370	N/A	N/A	31.422	PK

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

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

Site: AC2	Time: 2019/09/25 - 18:59
Limit: FCC_Part15_RE(3m)	Engineer: David Lv
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Radio DÂNDIMPEN	Power: By Battery
Test Mode: Transmit by 2DH5 at channel 2402MHz	

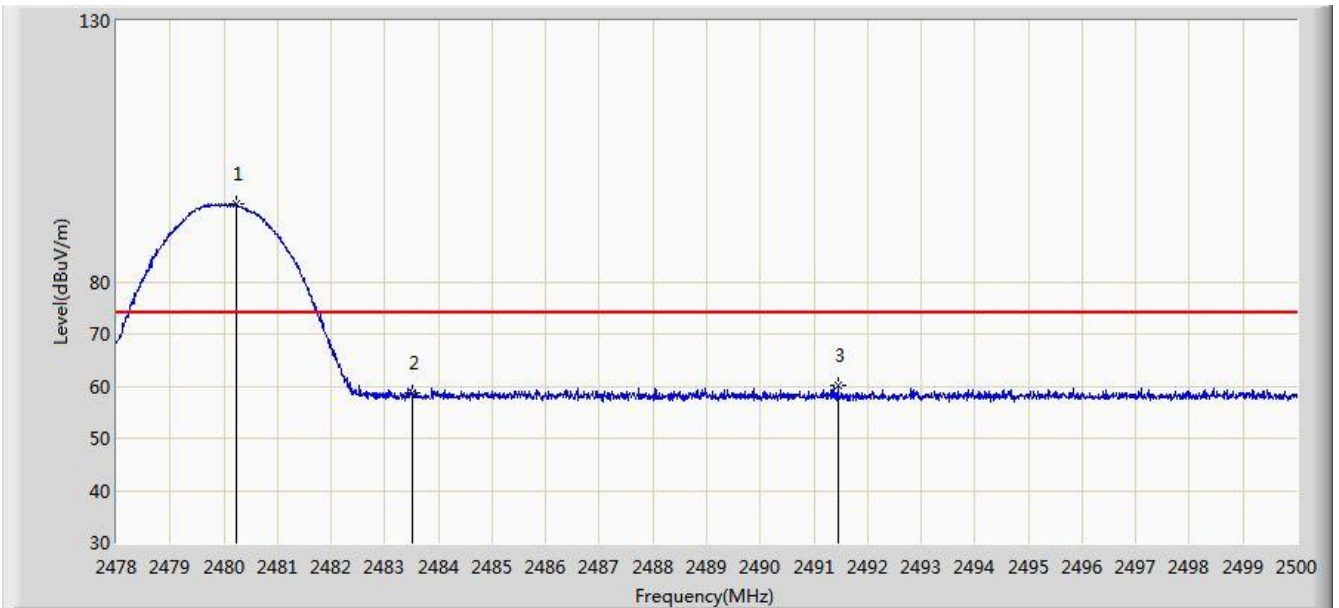


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2376.035	46.455	15.007	-7.545	54.000	31.448	AV
2			2390.000	45.335	13.886	-8.665	54.000	31.449	AV
3		*	2401.932	92.644	61.222	N/A	N/A	31.422	AV

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

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

Site: AC2	Time: 2019/09/25 - 18:59
Limit: FCC_Part15_RE(3m)	Engineer: David Lv
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Radio DÂNDIMPEN	Power: By Battery
Test Mode: Transmit by 2DH5 at channel 2480MHz	

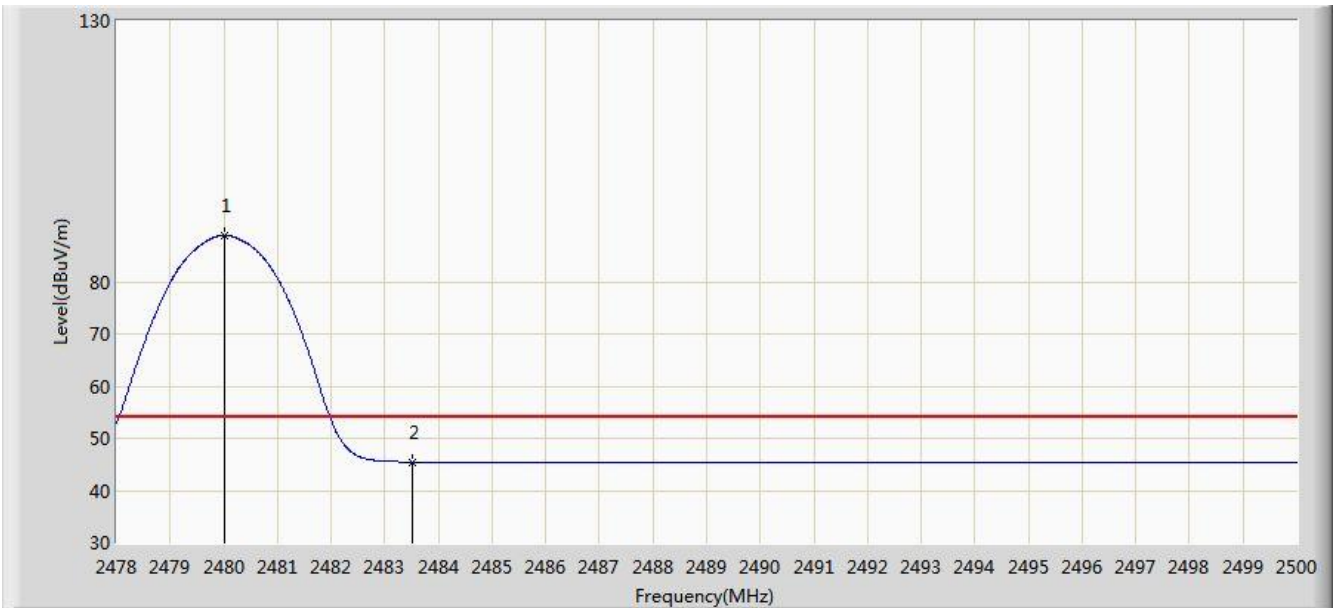


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.233	94.815	63.423	N/A	N/A	31.392	PK
2			2483.500	58.601	27.198	-15.399	74.000	31.403	PK
3			2491.442	60.028	28.598	-13.972	74.000	31.430	PK

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

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

Site: AC2	Time: 2019/09/25 - 19:02
Limit: FCC_Part15_RE(3m)	Engineer: David Lv
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Radio DÂNDIMPEN	Power: By Battery
Test Mode: Transmit by 2DH5 at channel 2480MHz	

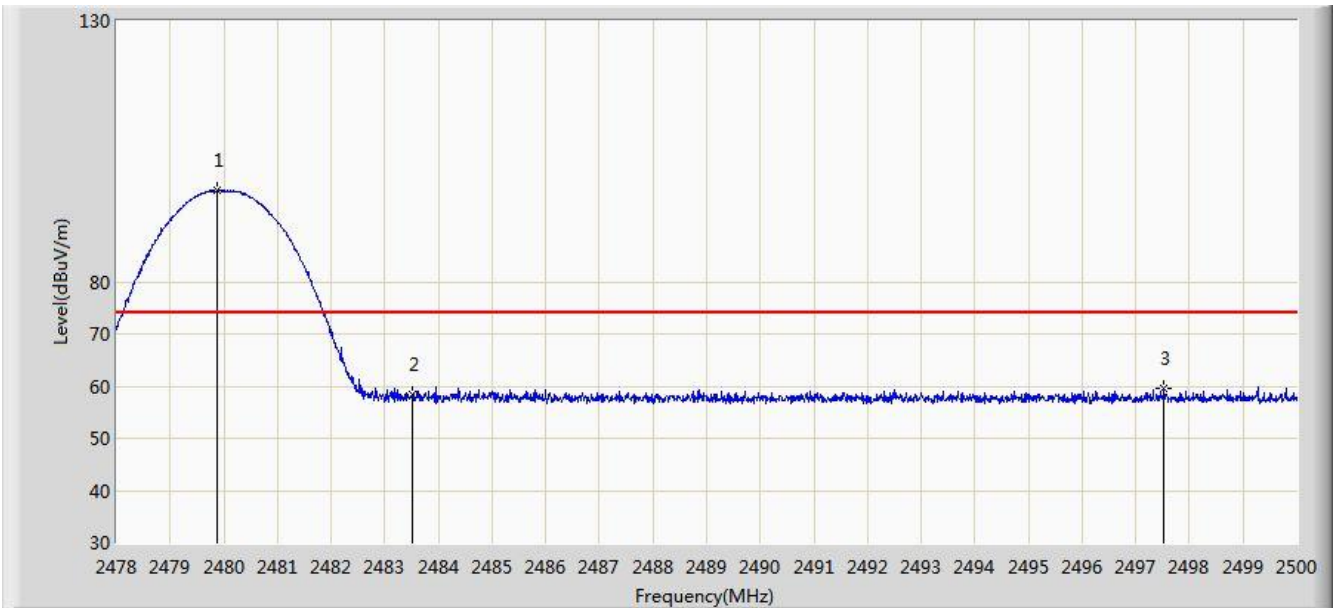


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.013	88.852	57.461	N/A	N/A	31.391	AV
2			2483.500	45.463	14.060	-8.537	54.000	31.403	AV

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

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

Site: AC2	Time: 2019/09/25 - 19:02
Limit: FCC_Part15_RE(3m)	Engineer: David Lv
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Radio DÂNDIMPEN	Power: By Battery
Test Mode: Transmit by 2DH5 at channel 2480MHz	

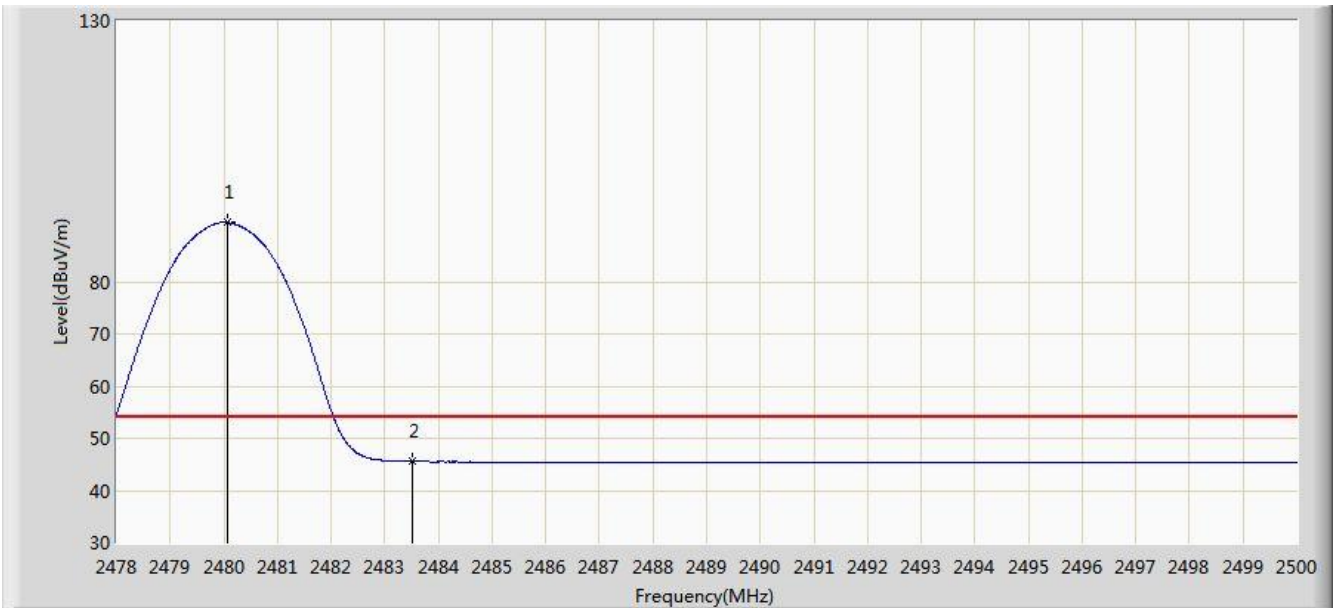


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.881	97.562	66.172	N/A	N/A	31.390	PK
2			2483.500	58.347	26.944	-15.653	74.000	31.403	PK
3			2497.525	59.492	28.044	-14.508	74.000	31.448	PK

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

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

Site: AC2	Time: 2019/09/25 - 19:03
Limit: FCC_Part15_RE(3m)	Engineer: David Lv
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Radio DÂNDIMPEN	Power: By Battery
Test Mode: Transmit by 2DH5 at channel 2480MHz	

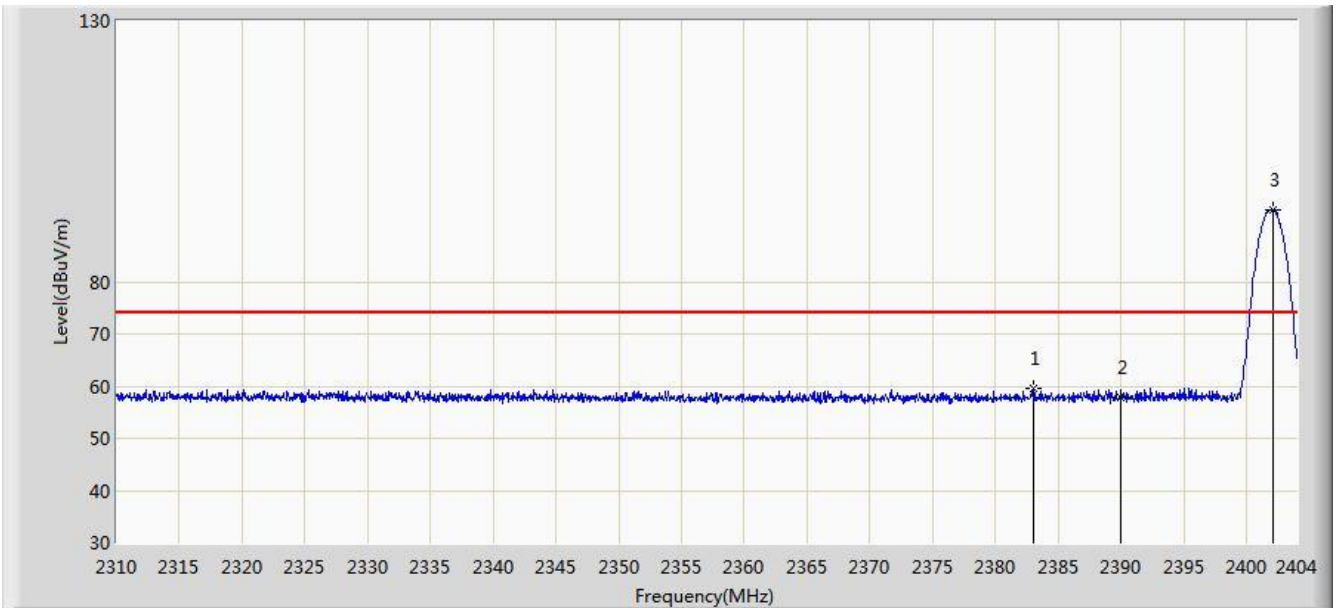


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.079	91.338	59.947	N/A	N/A	31.391	AV
2			2483.500	45.565	14.162	-8.435	54.000	31.403	AV

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

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

Site: AC2	Time: 2019/09/25 - 19:04
Limit: FCC_Part15_RE(3m)	Engineer: David Lv
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Radio DÂNDIMPEN	Power: By Battery
Test Mode: Transmit by 3DH5 at channel 2402MHz	

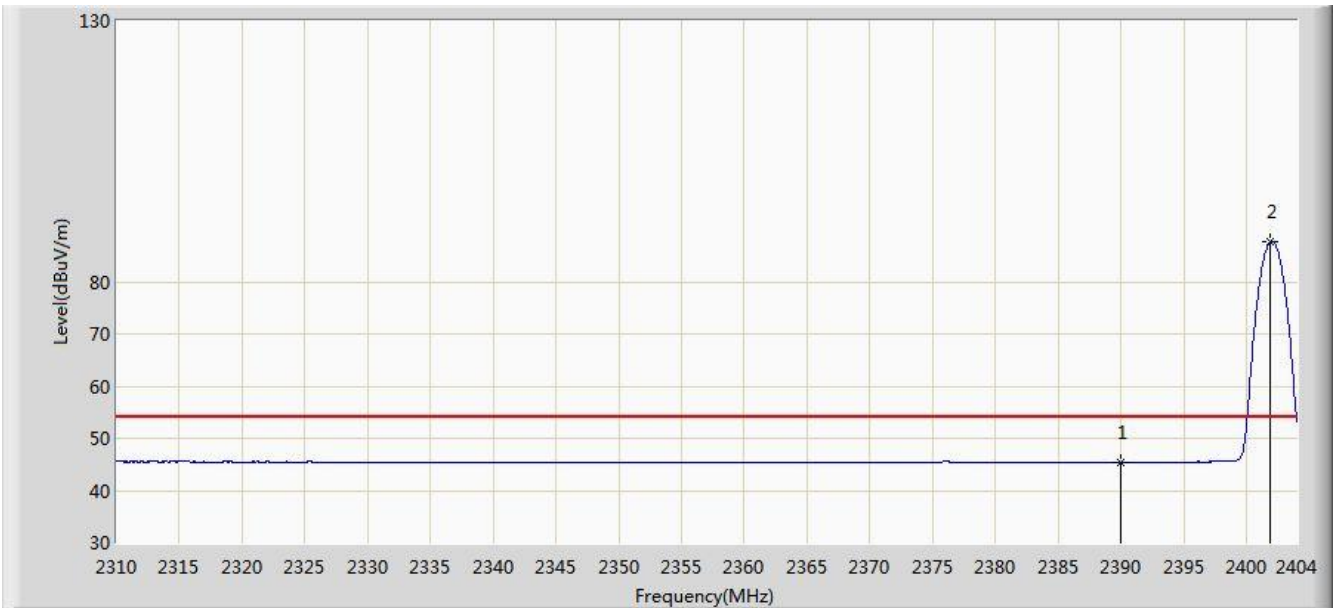


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2383.038	59.695	28.247	-14.305	74.000	31.448	PK
2			2390.000	57.742	26.293	-16.258	74.000	31.449	PK
3		*	2402.073	93.901	62.480	N/A	N/A	31.421	PK

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

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

Site: AC2	Time: 2019/09/25 - 19:05
Limit: FCC_Part15_RE(3m)	Engineer: David Lv
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Radio DÂNDIMPEN	Power: By Battery
Test Mode: Transmit by 3DH5 at channel 2402MHz	

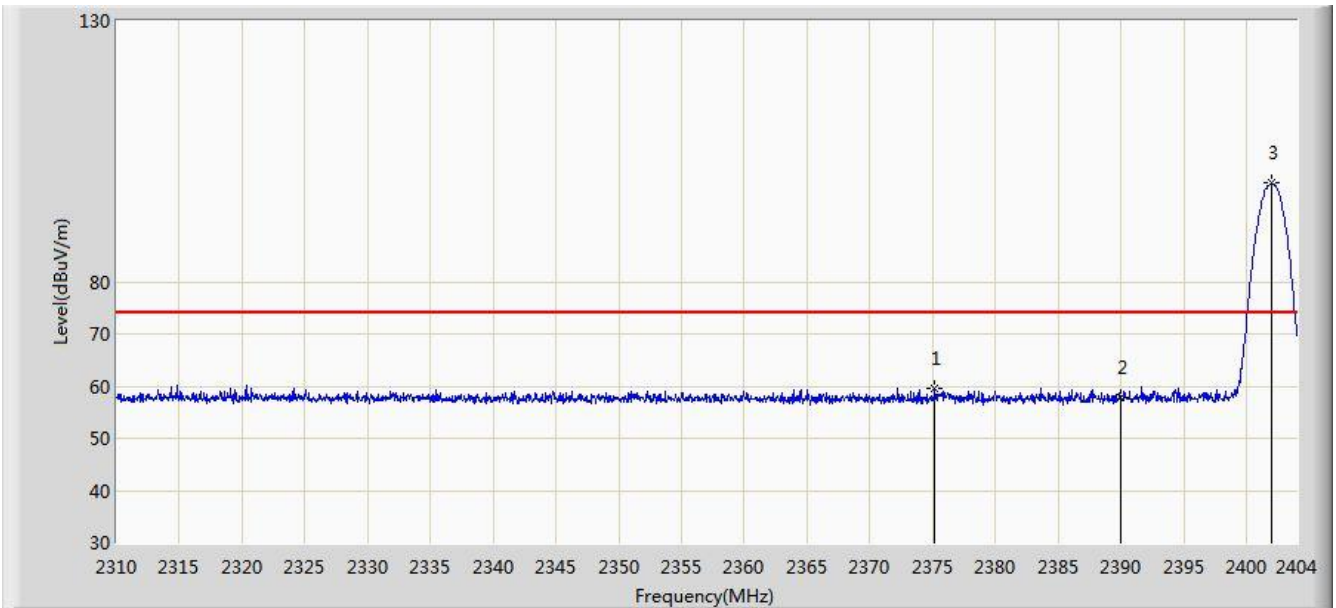


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	45.387	13.938	-8.613	54.000	31.449	AV
2		*	2401.932	87.630	56.208	N/A	N/A	31.422	AV

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

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

Site: AC2	Time: 2019/09/25 - 19:06
Limit: FCC_Part15_RE(3m)	Engineer: David Lv
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Radio DÂNDIMPEN	Power: By Battery
Test Mode: Transmit by 3DH5 at channel 2402MHz	

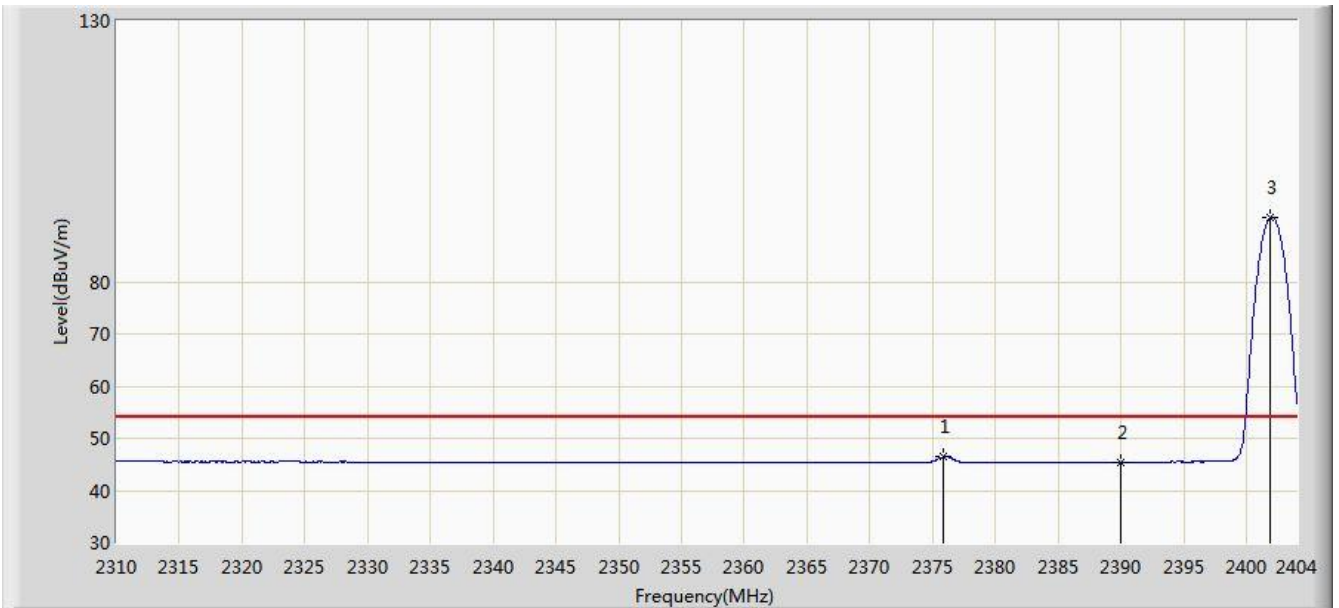


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2375.189	59.448	27.999	-14.552	74.000	31.449	PK
2			2390.000	57.944	26.495	-16.056	74.000	31.449	PK
3		*	2402.026	98.901	67.479	N/A	N/A	31.422	PK

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

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

Site: AC2	Time: 2019/09/25 - 19:06
Limit: FCC_Part15_RE(3m)	Engineer: David Lv
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Radio DÂNDIMPEN	Power: By Battery
Test Mode: Transmit by 3DH5 at channel 2402MHz	

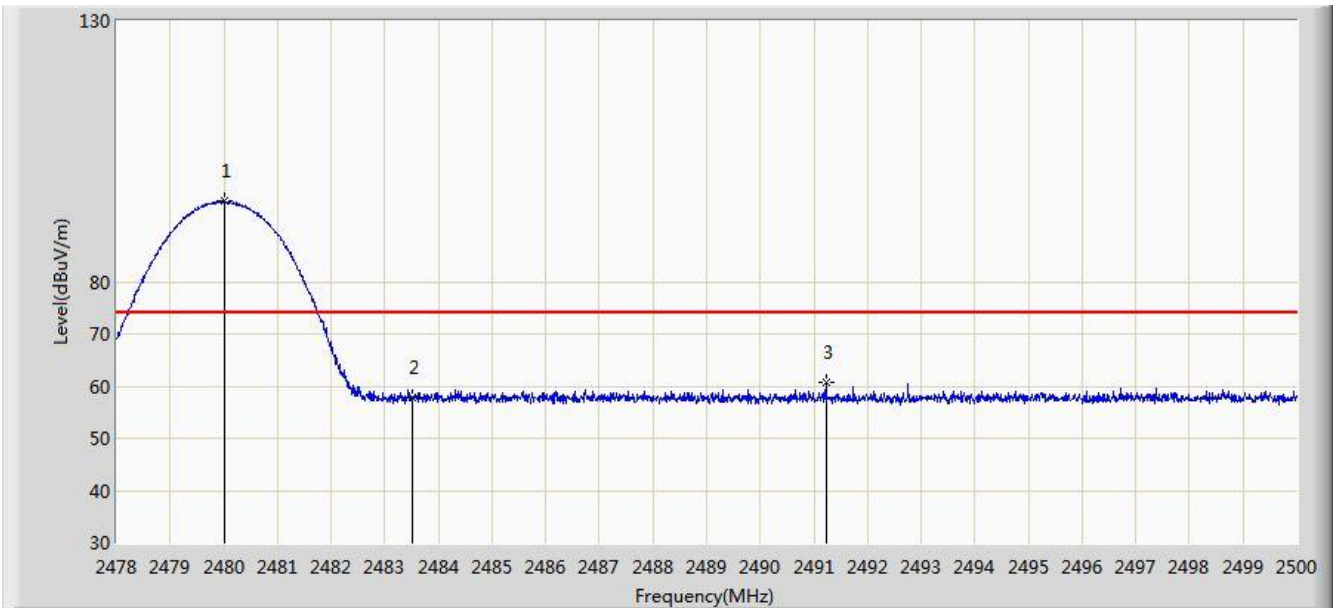


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2375.894	46.439	14.991	-7.561	54.000	31.448	AV
2			2390.000	45.421	13.972	-8.579	54.000	31.449	AV
3		*	2401.885	92.276	60.854	N/A	N/A	31.422	AV

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

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

Site: AC2	Time: 2019/09/25 - 19:07
Limit: FCC_Part15_RE(3m)	Engineer: David Lv
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Radio DÂNDIMPEN	Power: By Battery
Test Mode: Transmit by 3DH5 at channel 2480MHz	

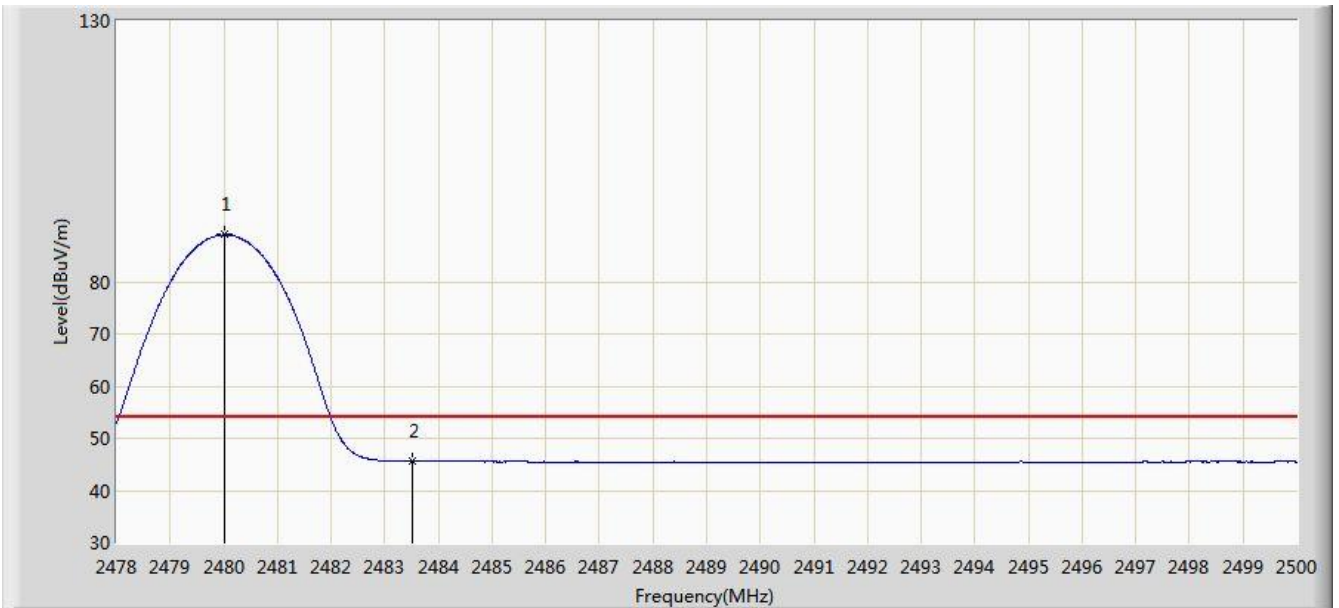


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.002	95.518	64.127	N/A	N/A	31.391	PK
2			2483.500	57.960	26.557	-16.040	74.000	31.403	PK
3			2491.222	60.635	29.206	-13.365	74.000	31.429	PK

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

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

Site: AC2	Time: 2019/09/25 - 19:08
Limit: FCC_Part15_RE(3m)	Engineer: David Lv
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Radio DÂNDIMPEN	Power: By Battery
Test Mode: Transmit by 3DH5 at channel 2480MHz	

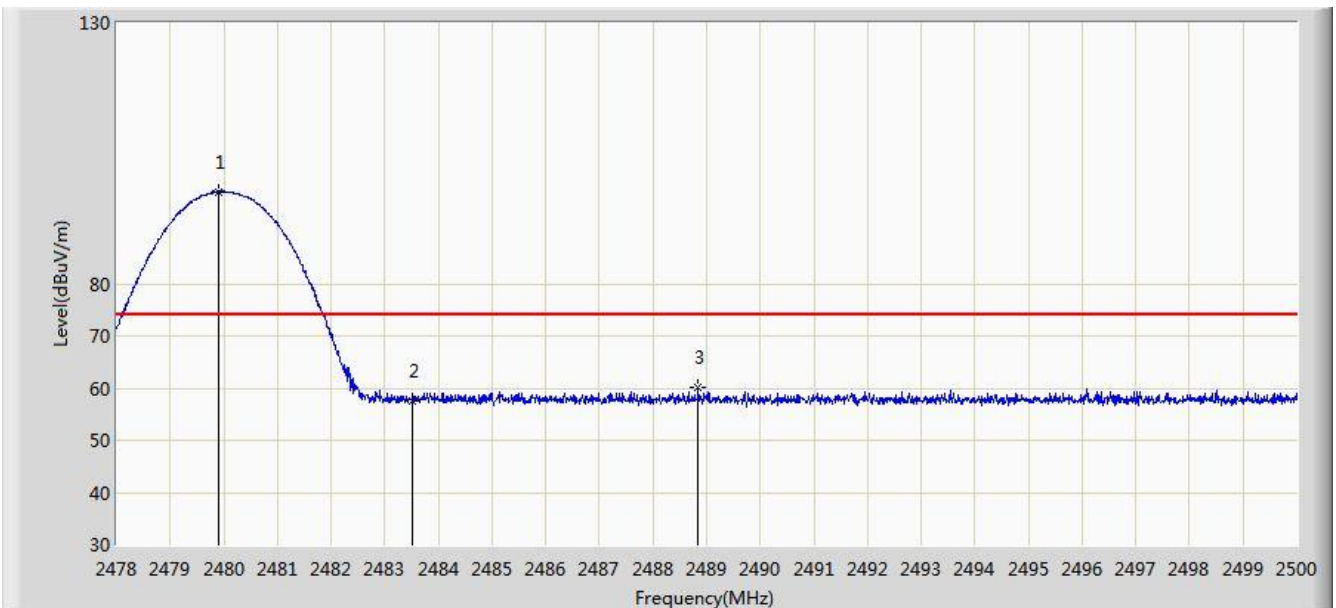


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.002	88.987	57.596	N/A	N/A	31.391	AV
2			2483.500	45.550	14.147	-8.450	54.000	31.403	AV

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

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

Site: AC2	Time: 2019/09/25 - 19:09
Limit: FCC_Part15_RE(3m)	Engineer: David Lv
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Radio DÂNDIMPEN	Power: By Battery
Test Mode: Transmit by 3DH5 at channel 2480MHz	

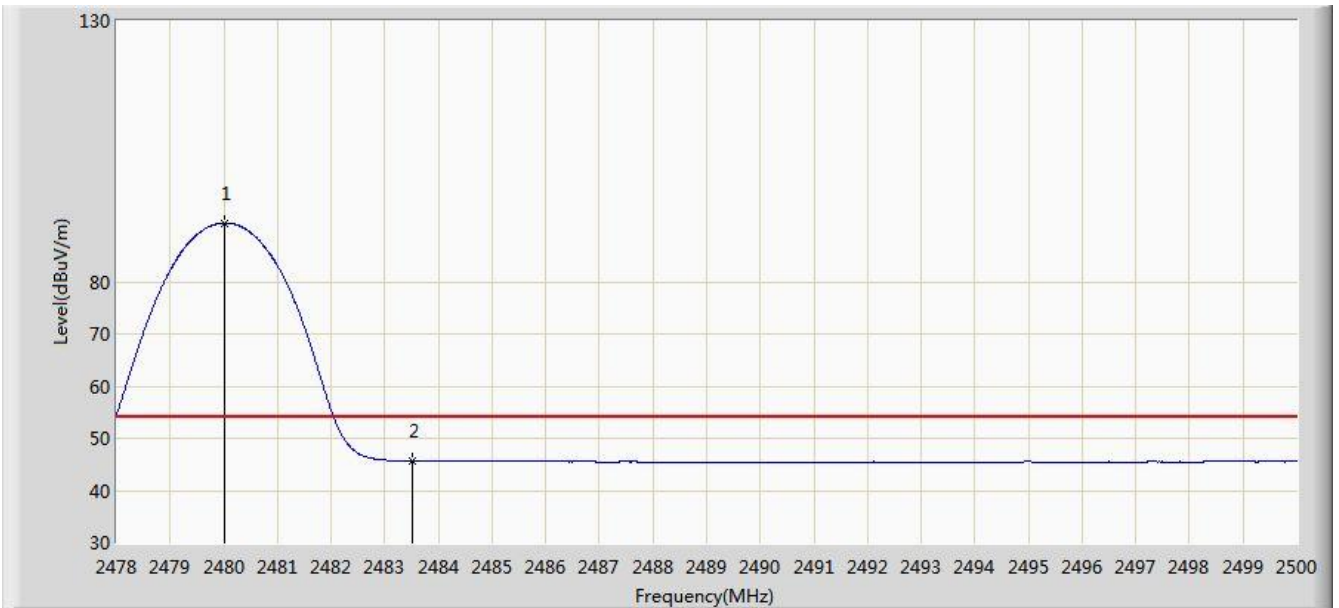


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.903	97.667	66.276	N/A	N/A	31.390	PK
2			2483.500	57.480	26.077	-16.520	74.000	31.403	PK
3			2488.846	60.133	28.712	-13.867	74.000	31.421	PK

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

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

Site: AC2	Time: 2019/09/25 - 19:09
Limit: FCC_Part15_RE(3m)	Engineer: David Lv
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Radio DÂNDIMPEN	Power: By Battery
Test Mode: Transmit by 3DH5 at channel 2480MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.002	91.269	59.878	N/A	N/A	31.391	AV
2			2483.500	45.653	14.250	-8.347	54.000	31.403	AV

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

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

7.11.AC Conducted Emissions Measurement

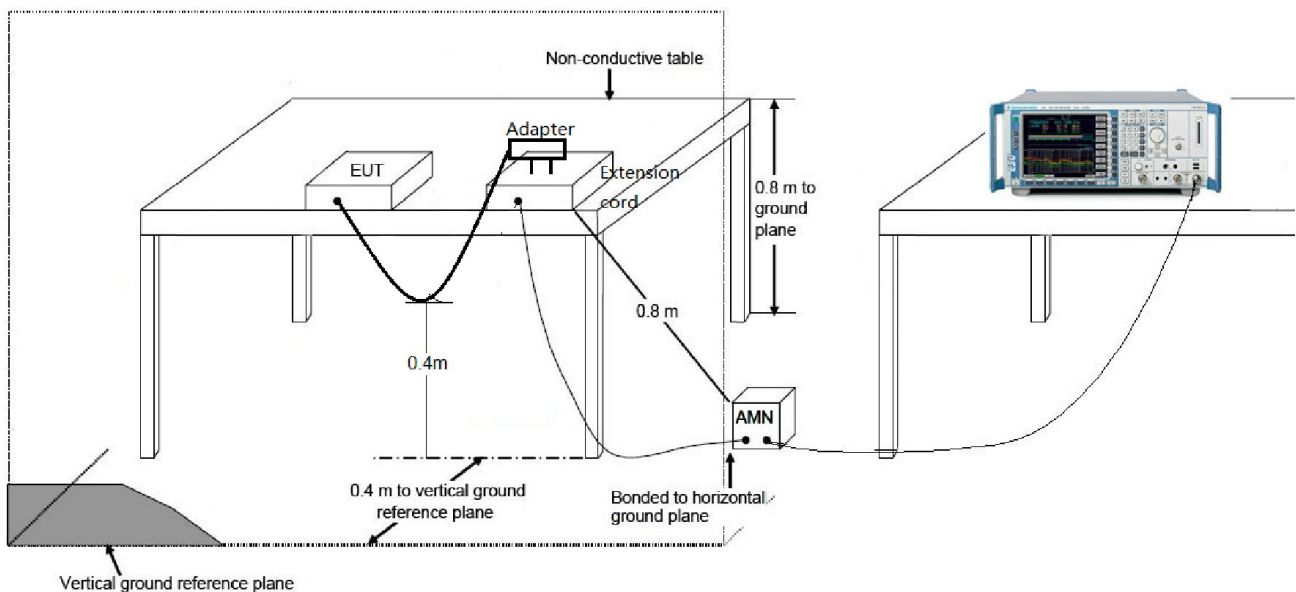
7.11.1.Test Limit

FCC Part 15 Subpart C Paragraph 15.207 Limits		
Frequency (MHz)	QP (dB μ V)	Average (dB μ V)
0.15 - 0.50	66 - 56	56 - 46
0.50 - 5.0	56	46
5.0 - 30	60	50

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

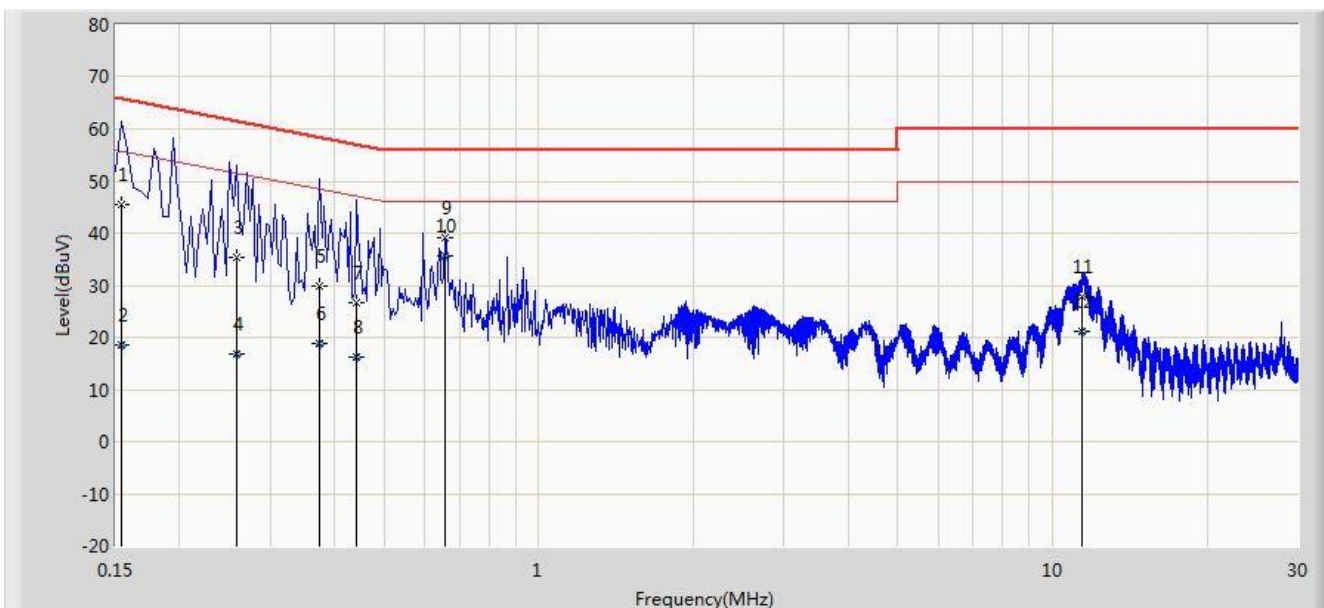
Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

7.11.2.Test Setup



7.11.3.Test Result

Site: SR2	Time: 2019/09/25 - 13:28
Limit: FCC_Part15.207_CE_AC Power	Engineer: Liz Yuan
Probe: ENV216_101683_Filter On	Polarity: Line
EUT: Radio DÄNDIMPEN	Power: AC 120V/60Hz
Test Mode 1	

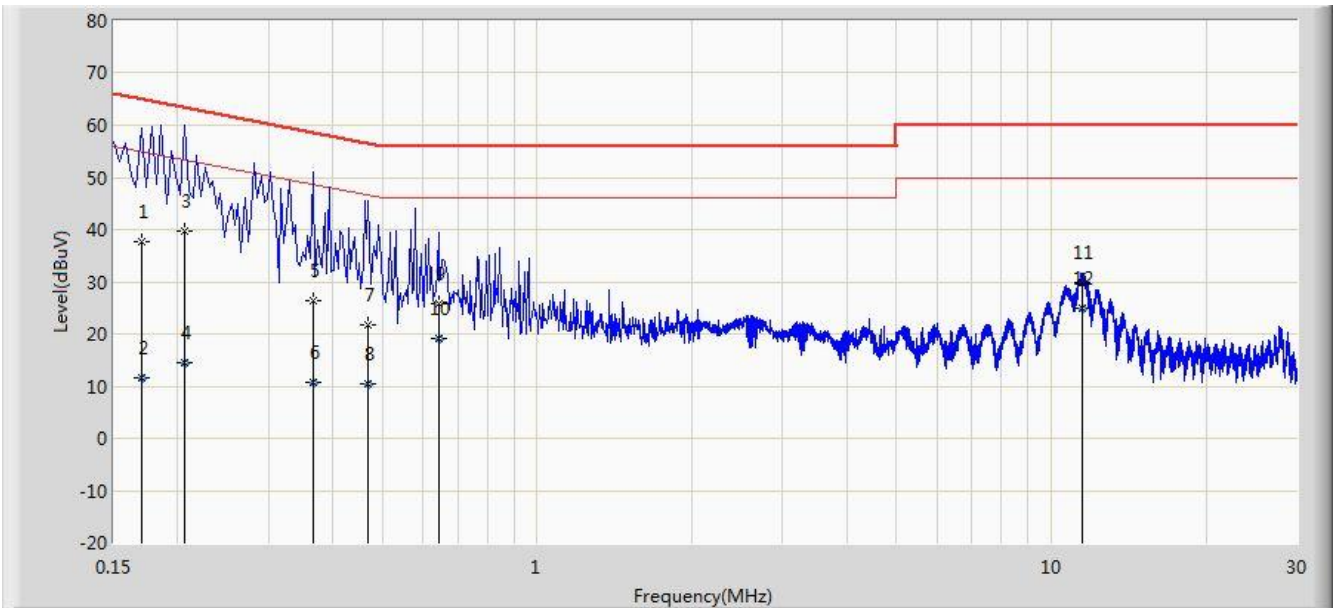


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV)	Factor (dB)	Type
1			0.154	45.440	34.700	-20.342	65.781	10.740	QP
2			0.154	18.640	7.900	-37.142	55.781	10.740	AV
3			0.258	35.263	25.292	-26.233	61.496	9.970	QP
4			0.258	16.848	6.878	-34.647	51.496	9.970	AV
5			0.374	29.988	19.923	-28.424	58.412	10.064	QP
6			0.374	18.730	8.666	-29.681	48.412	10.064	AV
7			0.442	26.788	16.668	-30.237	57.024	10.120	QP
8			0.442	16.089	5.969	-30.935	47.024	10.120	AV
9			0.658	39.003	28.918	-16.997	56.000	10.085	QP
10		*	0.658	35.534	25.450	-10.466	46.000	10.085	AV
11			11.430	27.853	17.756	-32.147	60.000	10.097	QP
12			11.430	21.190	11.093	-28.810	50.000	10.097	AV

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

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

Site: SR2	Time: 2019/09/25 - 13:38
Limit: FCC_Part15.207_CE_AC Power	Engineer: Liz Yuan
Probe: ENV216_101683_Filter On	Polarity: Neutral
EUT: Radio DÂNDIMPEN	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			0.170	37.757	27.693	-27.204	64.960	10.064	QP
2			0.170	11.568	1.504	-43.393	54.960	10.064	AV
3		*	0.206	39.801	29.800	-23.564	63.365	10.001	QP
4			0.206	14.601	4.600	-38.764	53.365	10.001	AV
5			0.366	26.303	16.216	-32.289	58.591	10.087	QP
6			0.366	10.704	0.617	-37.887	48.591	10.087	AV
7			0.470	21.659	11.495	-34.855	56.514	10.164	QP
8			0.470	10.500	0.335	-36.014	46.514	10.164	AV
9			0.642	25.904	15.796	-30.096	56.000	10.108	QP
10			0.642	19.176	9.069	-26.824	46.000	10.108	AV
11			11.506	29.846	19.719	-30.154	60.000	10.127	QP
12			11.506	25.019	14.891	-24.981	50.000	10.127	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 RSS-247 of ISED rules.

_____ The End _____

Appendix A – Test Setup Photograph

Refer to “1906WSU019-UT” file.

Appendix B – EUT Photograph

Refer to “1906WSU019-UE” file.