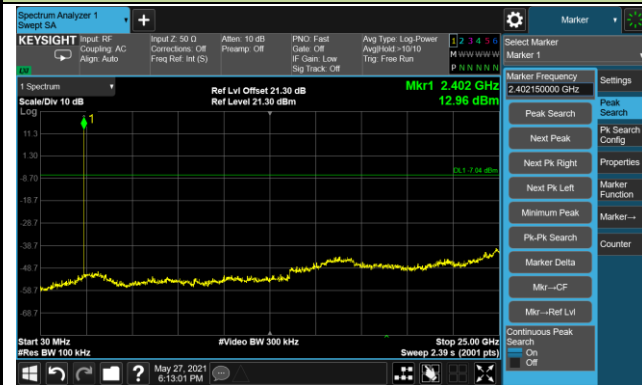


DH5 Conducted Spurious Emissions

Channel 00 (2402MHz)



Channel 39 (2441MHz)

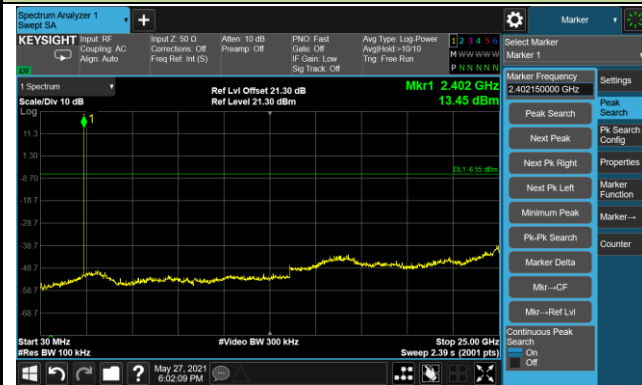


Channel 78 (2480MHz)



2DH5 Conducted Spurious Emissions

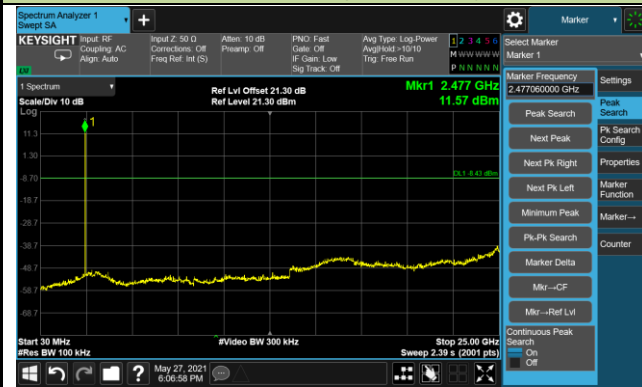
Channel 00 (2402MHz)



Channel 39 (2441MHz)

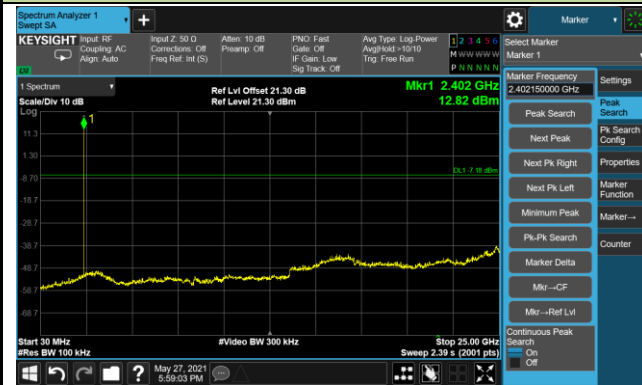


Channel 78 (2480MHz)



3DH5 Conducted Spurious Emissions

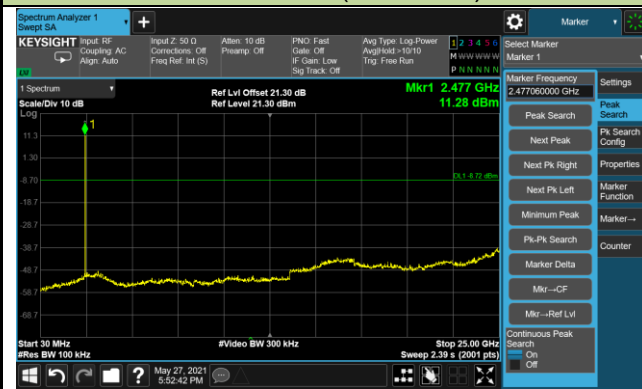
Channel 00 (2402MHz)



Channel 39 (2441MHz)



Channel 78 (2480MHz)



6.9. Radiated Spurious Emission Measurement

6.9.1. 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 ($\mu\text{V}/\text{m}$)	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

6.9.2. Test Procedure Used

ANSI C63.10-2013 - Section 6.3 & 6.4 & 6.5 & 6.6

6.9.3. 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

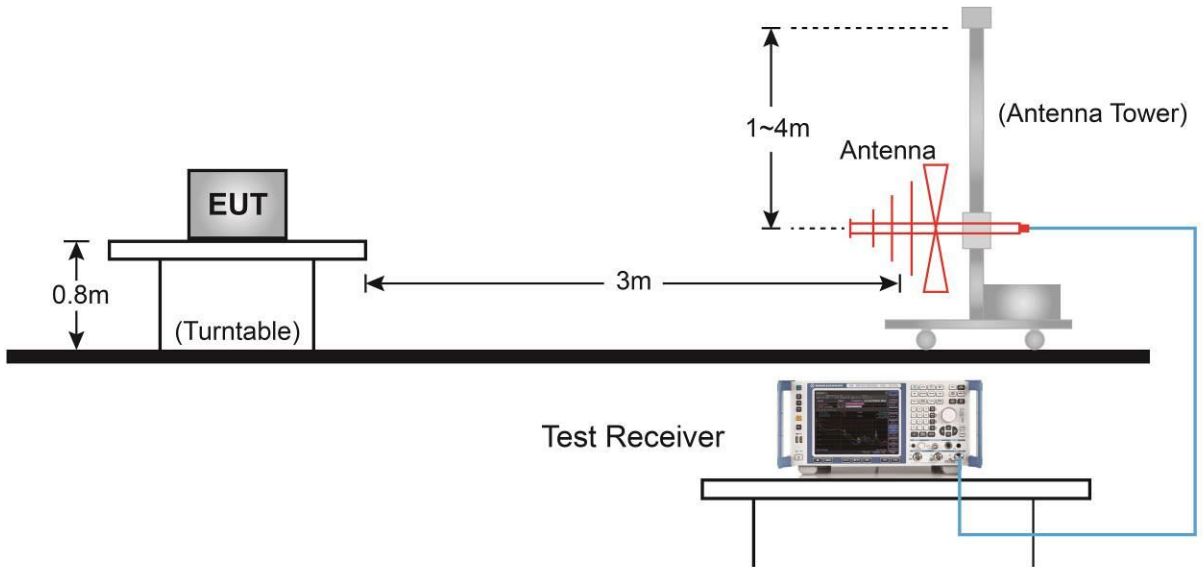
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = Peak
5. Sweep time = Auto couple
6. Trace mode = Max hold
7. Trace was allowed to stabilize

Average Measurements above 1GHz (Method VB)

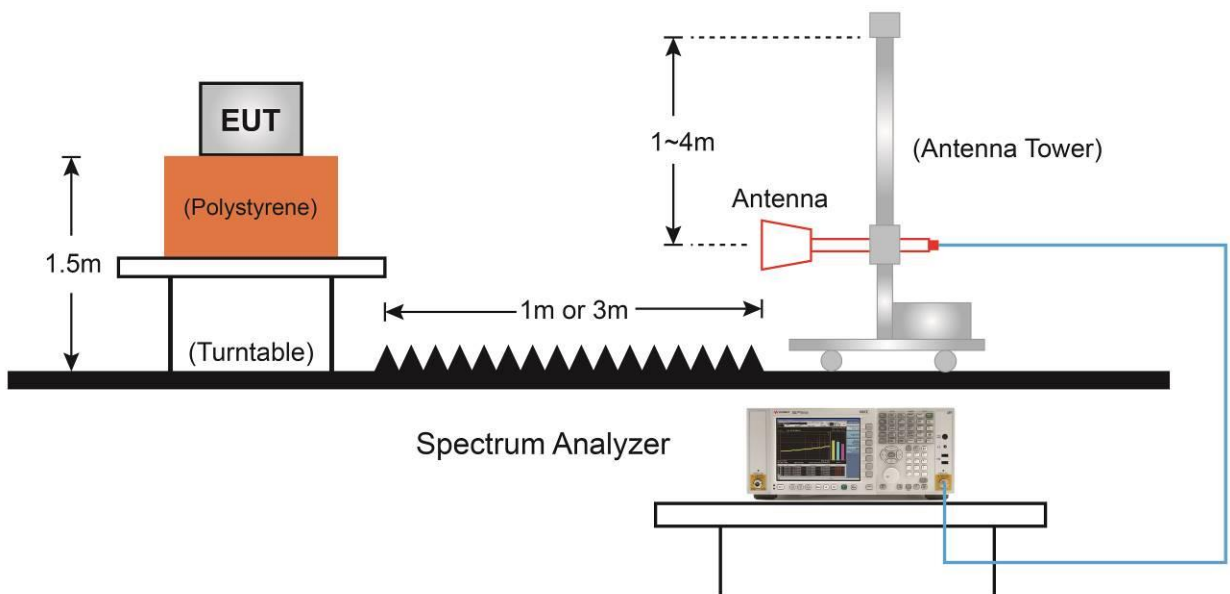
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW; If the EUT is configured to transmit with duty cycle $\geq 98\%$, set VBW = 10Hz
If the EUT duty cycle is $< 98\%$, set VBW $\geq 1/T$. T is the minimum transmission duration
4. Detector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

6.9.4. Test Setup

Below 1GHz Test Setup:



Above 1GHz Test Setup:



6.9.5. Test Result

Test Site	SIP-AC2	Test Engineer	Yien Qian
Test Channel	00	Test Date	2021/05/26~2021/05/27
Test Mode	DH5 - Left Earbud		
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.		

Frequency (MHz)	Reading Level (dB μ V)	Factor (dB)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Polarization
4799.5	56.9	-9.2	47.7	74.0	-26.3	Peak	Horizontal
7502.5	48.0	-1.1	46.9	74.0	-27.1	Peak	Horizontal
11446.5	46.9	5.4	52.3	74.0	-21.7	Peak	Horizontal
4808.0	57.5	-9.5	48.0	74.0	-26.0	Peak	Vertical
7417.5	48.1	-1.1	47.0	74.0	-27.0	Peak	Vertical
11429.5	46.2	5.5	51.7	74.0	-22.3	Peak	Vertical

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

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

Test Site	SIP-AC2	Test Engineer	Yien Qian
Test Channel	39	Test Date	2021/05/26~2021/05/27
Test Mode	DH5 - Left Earbud		
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.		

Frequency (MHz)	Reading Level (dB μ V)	Factor (dB)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Polarization
4884.5	49.9	-9.1	40.8	74.0	-33.2	Peak	Horizontal
7545.0	47.8	-1.3	46.5	74.0	-27.5	Peak	Horizontal
11557.0	46.4	5.1	51.5	74.0	-22.5	Peak	Horizontal
4884.5	49.9	-9.1	40.8	74.0	-33.2	Peak	Vertical
7451.5	46.5	-1.1	45.4	74.0	-28.6	Peak	Vertical
11047.0	44.1	5.7	49.8	74.0	-24.2	Peak	Vertical

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

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

Test Site	SIP-AC2	Test Engineer	Yien Qian
Test Channel	78	Test Date	2021/05/26~2021/05/27
Test Mode	DH5 - Left Earbud		
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.		

Frequency (MHz)	Reading Level (dB μ V)	Factor (dB)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Polarization
4961.0	50.3	-8.9	41.4	74.0	-32.6	Peak	Horizontal
7638.5	48.4	-1.8	46.6	74.0	-27.4	Peak	Horizontal
11421.0	44.0	5.6	49.6	74.0	-24.4	Peak	Horizontal
4748.5	50.1	-9.5	40.6	74.0	-33.4	Peak	Vertical
7375.0	46.8	-1.5	45.3	74.0	-28.7	Peak	Vertical
11727.0	45.1	4.4	49.5	74.0	-24.5	Peak	Vertical

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

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

Test Site	SIP-AC2	Test Engineer	Yien Qian
Test Channel	00	Test Date	2021/05/26~2021/05/27
Test Mode	2DH5 - Left Earbud		
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.		

Frequency (MHz)	Reading Level (dB μ V)	Factor (dB)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Polarization
4808.0	50.6	-9.5	41.1	74.0	-32.9	Peak	Horizontal
7358.0	47.0	-1.7	45.3	74.0	-28.7	Peak	Horizontal
11259.5	45.1	4.9	50.0	74.0	-24.0	Peak	Horizontal
4791.0	50.1	-9.0	41.1	74.0	-32.9	Peak	Vertical
7553.5	46.4	-1.3	45.1	74.0	-28.9	Peak	Vertical
10962.0	44.8	5.1	49.9	74.0	-24.1	Peak	Vertical

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

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

Test Site	SIP-AC2	Test Engineer	Yien Qian
Test Channel	39	Test Date	2021/05/26~2021/05/27
Test Mode	2DH5 - Left Earbud		
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.		

Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
4884.5	50.3	-9.1	41.2	74.0	-32.8	Peak	Horizontal
7358.0	47.7	-1.7	46.0	74.0	-28.0	Peak	Horizontal
11038.5	44.9	5.5	50.4	74.0	-23.6	Peak	Horizontal
4791.0	49.8	-9.0	40.8	74.0	-33.2	Peak	Vertical
7511.0	47.4	-1.1	46.3	74.0	-27.7	Peak	Vertical
11344.5	44.9	5.0	49.9	74.0	-24.1	Peak	Vertical

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

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

Test Site	SIP-AC2	Test Engineer	Yien Qian
Test Channel	78	Test Date	2021/05/26~2021/05/27
Test Mode	2DH5 - Left Earbud		
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.		

Frequency (MHz)	Reading Level (dB μ V)	Factor (dB)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Polarization
4706.0	49.7	-9.4	40.3	74.0	-33.7	Peak	Horizontal
7494.0	47.0	-1.1	45.9	74.0	-28.1	Peak	Horizontal
11336.0	44.4	5.2	49.6	74.0	-24.4	Peak	Horizontal
4714.5	49.6	-9.3	40.3	74.0	-33.7	Peak	Vertical
7494.0	47.0	-1.1	45.9	74.0	-28.1	Peak	Vertical
11353.0	45.0	4.9	49.9	74.0	-24.1	Peak	Vertical

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

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

Test Site	SIP-AC2	Test Engineer	Yien Qian
Test Channel	00	Test Date	2021/05/26~2021/05/27
Test Mode	3DH5 - Left Earbud		
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.		

Frequency (MHz)	Reading Level (dB μ V)	Factor (dB)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Polarization
4799.5	50.2	-9.2	41.0	74.0	-33.0	Peak	Horizontal
7375.0	47.1	-1.5	45.6	74.0	-28.4	Peak	Horizontal
11438.0	44.4	5.5	49.9	74.0	-24.1	Peak	Horizontal
4740.0	50.0	-9.4	40.6	74.0	-33.4	Peak	Vertical
7366.5	46.9	-1.6	45.3	74.0	-28.7	Peak	Vertical
11361.5	45.0	4.9	49.9	74.0	-24.1	Peak	Vertical

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

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

Test Site	SIP-AC2	Test Engineer	Yien Qian
Test Channel	39	Test Date	2021/05/26~2021/05/27
Test Mode	3DH5 - Left Earbud		
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.		

Frequency (MHz)	Reading Level (dB μ V)	Factor (dB)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Polarization
4884.5	51.7	-9.1	42.6	74.0	-31.4	Peak	Horizontal
7477.0	47.1	-1.0	46.1	74.0	-27.9	Peak	Horizontal
11157.5	45.6	5.0	50.6	74.0	-23.4	Peak	Horizontal
4748.5	49.5	-9.5	40.0	74.0	-34.0	Peak	Vertical
7655.5	48.1	-1.9	46.2	74.0	-27.8	Peak	Vertical
10970.5	44.2	5.0	49.2	74.0	-24.8	Peak	Vertical

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

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

Test Site	SIP-AC2	Test Engineer	Yien Qian
Test Channel	78	Test Date	2021/05/26~2021/05/27
Test Mode	3DH5 - Left Earbud		
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.		

Frequency (MHz)	Reading Level (dB μ V)	Factor (dB)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Polarization
4961.0	49.8	-8.9	40.9	74.0	-33.1	Peak	Horizontal
7468.5	46.6	-1.0	45.6	74.0	-28.4	Peak	Horizontal
11064.0	45.1	5.4	50.5	74.0	-23.5	Peak	Horizontal
4859.0	49.9	-9.1	40.8	74.0	-33.2	Peak	Vertical
7358.0	47.3	-1.7	45.6	74.0	-28.4	Peak	Vertical
11540.0	44.1	5.4	49.5	74.0	-24.5	Peak	Vertical

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

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

Test Site	SIP-AC2	Test Engineer	Yien Qian
Test Channel	00	Test Date	2021/05/26~2021/05/27
Test Mode	DH5 - Right Earbud		
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.		

Frequency (MHz)	Reading Level (dB μ V)	Factor (dB)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Polarization
4808.0	51.6	-9.5	42.1	74.0	-31.9	Peak	Horizontal
7341.0	47.2	-1.7	45.5	74.0	-28.5	Peak	Horizontal
10970.5	45.3	5.0	50.3	74.0	-23.7	Peak	Horizontal
4774.0	49.5	-9.2	40.3	74.0	-33.7	Peak	Vertical
7502.5	46.5	-1.1	45.4	74.0	-28.6	Peak	Vertical
11072.5	44.2	5.3	49.5	74.0	-24.5	Peak	Vertical

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

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

Test Site	SIP-AC2	Test Engineer	Yien Qian
Test Channel	39	Test Date	2021/05/26~2021/05/27
Test Mode	DH5 - Right Earbud		
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.		

Frequency (MHz)	Reading Level (dB μ V)	Factor (dB)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Polarization
4884.5	53.0	-9.1	43.9	74.0	-30.1	Peak	Horizontal
7502.5	45.2	-1.1	44.1	74.0	-29.9	Peak	Horizontal
10766.5	45.8	4.3	50.1	74.0	-23.9	Peak	Horizontal
4791.0	50.5	-9.0	41.5	74.0	-32.5	Peak	Vertical
7400.5	46.8	-1.3	45.5	74.0	-28.5	Peak	Vertical
11064.0	44.3	5.4	49.7	74.0	-24.3	Peak	Vertical

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

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

Test Site	SIP-AC2	Test Engineer	Yien Qian
Test Channel	78	Test Date	2021/05/26~2021/05/27
Test Mode	DH5 - Right Earbud		
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.		

Frequency (MHz)	Reading Level (dB μ V)	Factor (dB)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Polarization
4961.0	49.5	-8.9	40.6	74.0	-33.4	Peak	Horizontal
7392.0	47.7	-1.4	46.3	74.0	-27.7	Peak	Horizontal
11276.5	45.3	5.0	50.3	74.0	-23.7	Peak	Horizontal
5403.0	49.2	-8.2	41.0	74.0	-33.0	Peak	Vertical
7281.5	47.5	-1.8	45.7	74.0	-28.3	Peak	Vertical
11200.0	45.1	4.7	49.8	74.0	-24.2	Peak	Vertical

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

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

Test Site	SIP-AC2	Test Engineer	Yien Qian
Test Channel	00	Test Date	2021/05/26~2021/05/27
Test Mode	2DH5 - Right Earbud		
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.		

Frequency (MHz)	Reading Level (dB μ V)	Factor (dB)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Polarization
4791.0	49.3	-9.0	40.3	74.0	-33.7	Peak	Horizontal
7570.5	47.3	-1.3	46.0	74.0	-28.0	Peak	Horizontal
11429.5	44.3	5.5	49.8	74.0	-24.2	Peak	Horizontal
4986.5	49.5	-8.8	40.7	74.0	-33.3	Peak	Vertical
7392.0	46.9	-1.4	45.5	74.0	-28.5	Peak	Vertical
11259.5	44.8	4.9	49.7	74.0	-24.3	Peak	Vertical

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

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

Test Site	SIP-AC2	Test Engineer	Yien Qian
Test Channel	39	Test Date	2021/05/26~2021/05/27
Test Mode	2DH5 - Right Earbud		
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.		

Frequency (MHz)	Reading Level (dB μ V)	Factor (dB)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Polarization
4791.0	49.7	-9.0	40.7	74.0	-33.3	Peak	Horizontal
7511.0	46.6	-1.1	45.5	74.0	-28.5	Peak	Horizontal
11038.5	44.1	5.5	49.6	74.0	-24.4	Peak	Horizontal
4791.0	49.6	-9.0	40.6	74.0	-33.4	Peak	Vertical
7358.0	47.4	-1.7	45.7	74.0	-28.3	Peak	Vertical
10970.5	45.0	5.0	50.0	74.0	-24.0	Peak	Vertical

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

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

Test Site	SIP-AC2	Test Engineer	Yien Qian
Test Channel	78	Test Date	2021/05/26~2021/05/27
Test Mode	2DH5 - Right Earbud		
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.		

Frequency (MHz)	Reading Level (dB μ V)	Factor (dB)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Polarization
4714.5	49.7	-9.3	40.4	74.0	-33.6	Peak	Horizontal
7562.0	46.4	-1.3	45.1	74.0	-28.9	Peak	Horizontal
11081.0	44.5	5.1	49.6	74.0	-24.4	Peak	Horizontal
4706.0	50.0	-9.4	40.6	74.0	-33.4	Peak	Vertical
7511.0	46.7	-1.1	45.6	74.0	-28.4	Peak	Vertical
10809.0	45.4	4.4	49.8	74.0	-24.2	Peak	Vertical

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

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

Test Site	SIP-AC2	Test Engineer	Yien Qian
Test Channel	00	Test Date	2021/05/26~2021/05/27
Test Mode	3DH5 - Right Earbud		
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.		

Frequency (MHz)	Reading Level (dB μ V)	Factor (dB)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Polarization
4808.0	50.0	-9.5	40.5	74.0	-33.5	Peak	Horizontal
7366.5	46.8	-1.6	45.2	74.0	-28.8	Peak	Horizontal
10970.5	44.9	5.0	49.9	74.0	-24.1	Peak	Horizontal
4901.5	49.9	-9.1	40.8	74.0	-33.2	Peak	Vertical
7545.0	47.1	-1.3	45.8	74.0	-28.2	Peak	Vertical
10894.0	44.9	4.7	49.6	74.0	-24.4	Peak	Vertical

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

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

Test Site	SIP-AC2	Test Engineer	Yien Qian
Test Channel	39	Test Date	2021/05/26~2021/05/27
Test Mode	3DH5 - Right Earbud		
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.		

Frequency (MHz)	Reading Level (dB μ V)	Factor (dB)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Polarization
4884.5	52.7	-9.1	43.6	74.0	-30.4	Peak	Horizontal
7485.5	46.6	-1.1	45.5	74.0	-28.5	Peak	Horizontal
11285.0	44.5	5.1	49.6	74.0	-24.4	Peak	Horizontal
4765.5	50.9	-9.4	41.5	74.0	-32.5	Peak	Vertical
7511.0	47.7	-1.1	46.6	74.0	-27.4	Peak	Vertical
10970.5	44.8	5.0	49.8	74.0	-24.2	Peak	Vertical

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

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

Test Site	SIP-AC2	Test Engineer	Yien Qian
Test Channel	78	Test Date	2021/05/26~2021/05/27
Test Mode	3DH5 - Right Earbud		
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.		

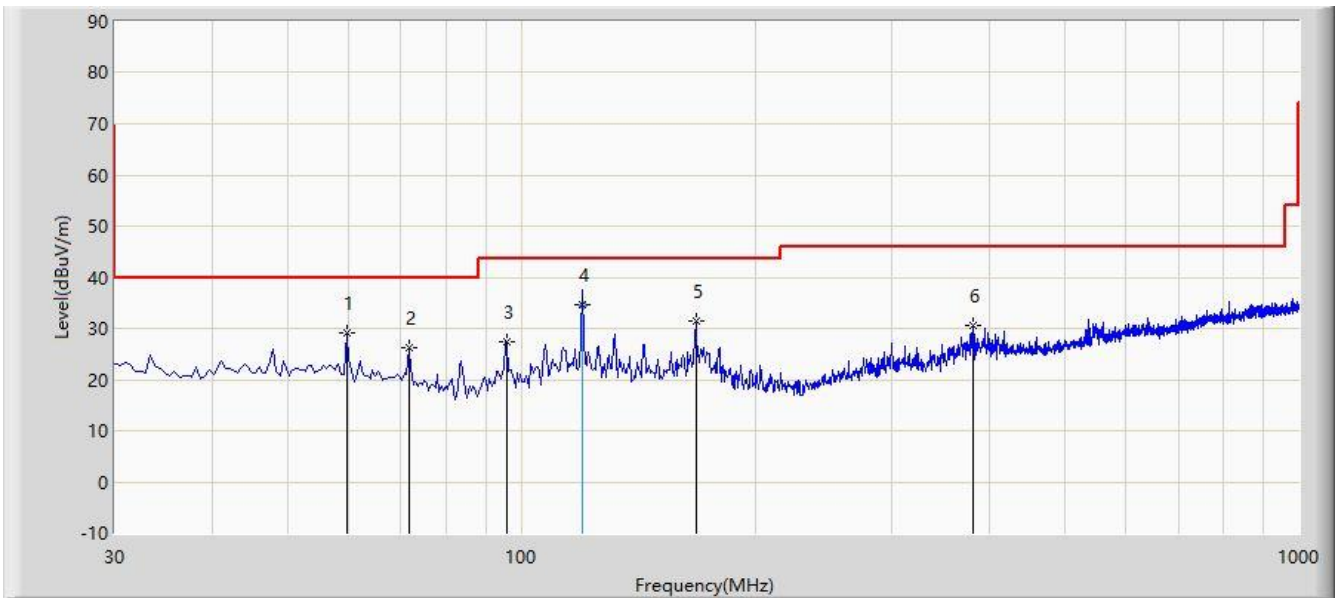
Frequency (MHz)	Reading Level (dB μ V)	Factor (dB)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Polarization
4961.0	50.6	-8.9	41.7	74.0	-32.3	Peak	Horizontal
7485.5	46.5	-1.1	45.4	74.0	-28.6	Peak	Horizontal
11072.5	44.5	5.3	49.8	74.0	-24.2	Peak	Horizontal
4791.0	50.4	-9.0	41.4	74.0	-32.6	Peak	Vertical
7596.0	46.8	-1.4	45.4	74.0	-28.6	Peak	Vertical
10877.0	45.1	4.8	49.9	74.0	-24.1	Peak	Vertical

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

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

The Result of Radiated Emission below 1GHz:

Site: SIP-AC2	Time: 2021/05/27
Limit: FCC_Part15.209_RE(3m)	Engineer: Yien Qian
Probe: SIP-AC2_VULB 9168 _30-1000MHz	Polarity: Horizontal
EUT: Lenovo Smart Wireless Earbuds	Power: By Battery
Test Mode: Transmit by DH5 at Channel 2480MHz, Left Earbud	



No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1			59.585	29.061	10.951	-10.939	40.000	18.110	PK
2			71.710	26.366	10.336	-13.634	40.000	16.030	PK
3			95.960	27.476	14.366	-16.024	43.500	13.110	PK
4		*	119.725	34.636	18.460	-8.864	43.500	16.177	QP
5			167.740	31.333	13.045	-12.167	43.500	18.288	PK
6			380.655	30.477	9.488	-15.523	46.000	20.988	PK

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

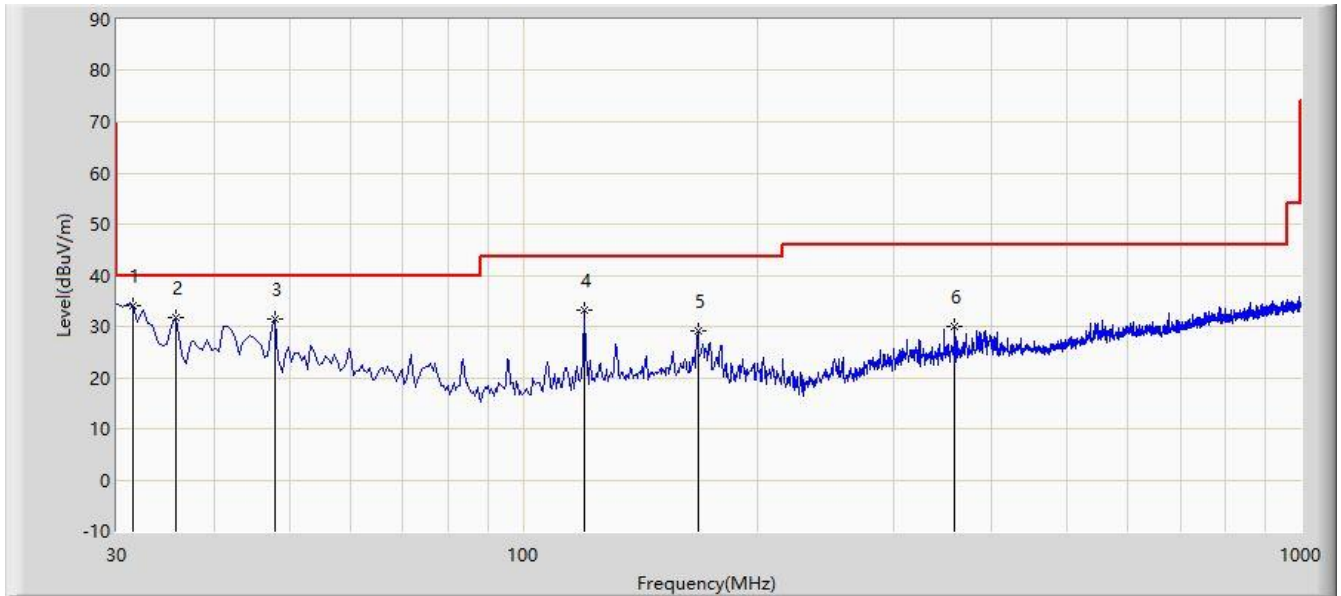
Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Note 2: QP measurement was not performed when peak measure level was lower than the QP limit.

Note 3: 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: SIP-AC2	Time: 2021/05/27
Limit: FCC_Part15.209_RE(3m)	Engineer: Yien Qian
Probe: SIP-AC2_VULB 9168 _30-1000MHz	Polarity: Vertical
EUT: Lenovo Smart Wireless Earbuds	Power: By Battery
Test Mode: Transmit by DH5 at Channel 2480MHz, Left Earbud	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1		*	31.455	33.989	16.759	-6.011	40.000	17.229	PK
2			35.820	31.657	14.058	-8.343	40.000	17.599	PK
3			47.945	31.431	12.696	-8.569	40.000	18.735	PK
4			119.725	33.136	16.960	-10.364	43.500	16.177	PK
5			167.740	29.090	10.802	-14.410	43.500	18.288	PK
6			359.315	29.936	9.661	-16.064	46.000	20.275	PK

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

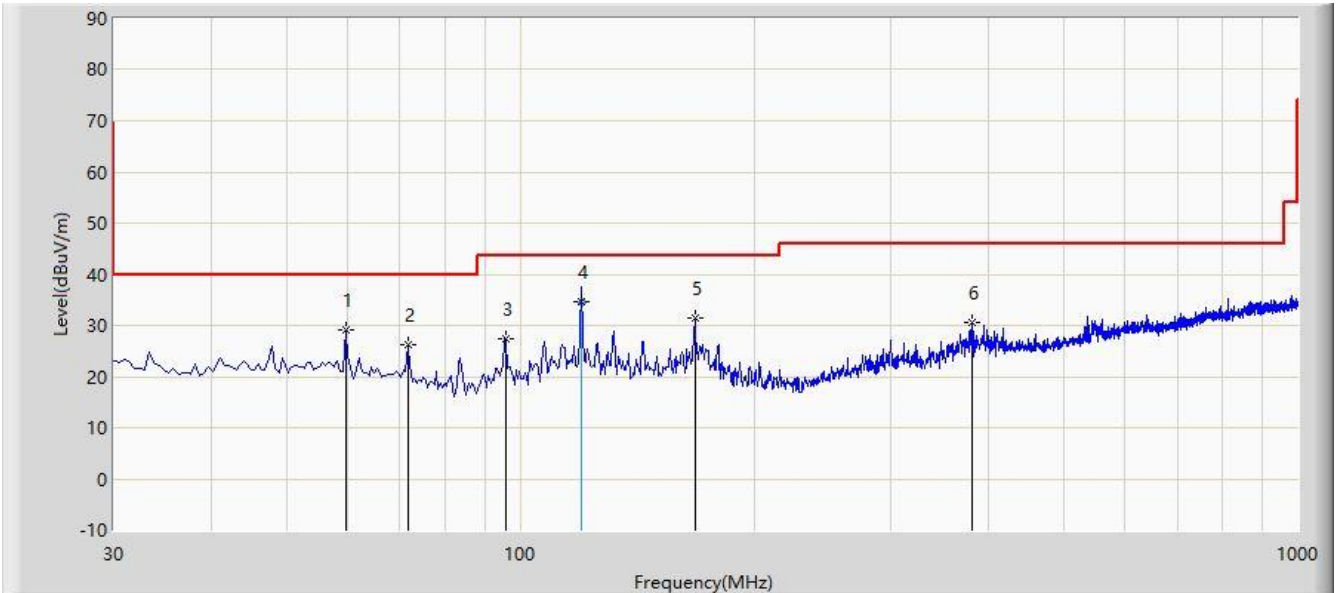
Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Note 2: QP measurement was not performed when peak measure level was lower than the QP limit.

Note 3: 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: SIP-AC2	Time: 2021/05/27
Limit: FCC_Part15.209_RE(3m)	Engineer: Yien Qian
Probe: SIP-AC2_VULB 9168 _30-1000MHz	Polarity: Horizontal
EUT: Lenovo Smart Wireless Earbuds	Power: By Battery
Test Mode: Transmit by DH5 at Channel 2480MHz, Right Earbud	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			59.585	29.061	10.951	-10.939	40.000	18.110	PK
2			71.710	26.366	10.336	-13.634	40.000	16.030	PK
3			95.960	27.476	14.366	-16.024	43.500	13.110	PK
4		*	119.725	34.636	18.460	-8.864	43.500	16.177	QP
5			167.740	31.333	13.045	-12.167	43.500	18.288	PK
6			380.655	30.477	9.488	-15.523	46.000	20.988	PK

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

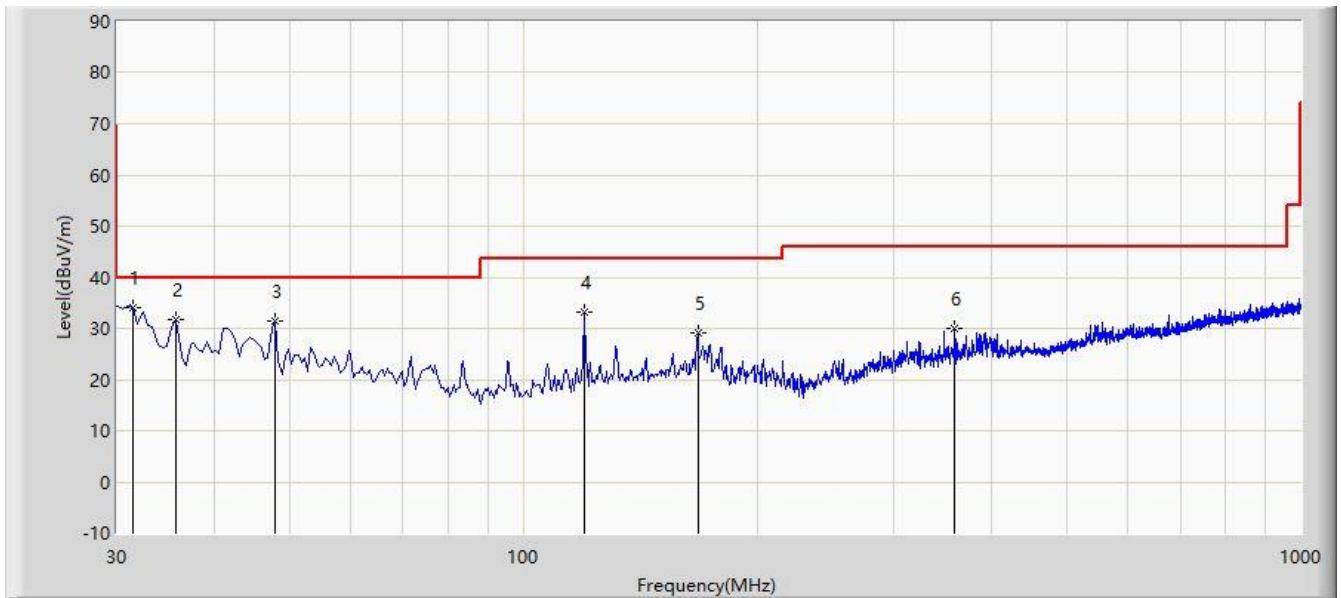
Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Note 2: QP measurement was not performed when peak measure level was lower than the QP limit.

Note 3: 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: SIP-AC2	Time: 2021/05/27
Limit: FCC_Part15.209_RE(3m)	Engineer: Yien Qian
Probe: SIP-AC2_VULB 9168 _30-1000MHz	Polarity: Vertical
EUT: Lenovo Smart Wireless Earbuds	Power: By Battery
Test Mode: Transmit by DH5 at Channel 2480MHz, Right Earbud	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	31.455	33.989	16.759	-6.011	40.000	17.229	PK
2			35.820	31.657	14.058	-8.343	40.000	17.599	PK
3			47.945	31.431	12.696	-8.569	40.000	18.735	PK
4			119.725	33.136	16.960	-10.364	43.500	16.177	PK
5			167.740	29.090	10.802	-14.410	43.500	18.288	PK
6			359.315	29.936	9.661	-16.064	46.000	20.275	PK

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

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

Note 2: QP measurement was not performed when peak measure level was lower than the QP limit.

Note 3: 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.

6.10. Radiated Restricted Band Edge Measurement

6.10.1. 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 ($\mu\text{V/m}$)	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

6.10.2. Test Procedure Used

ANSI C63.10-2013 - Section 6.3 & 6.6 & 6.10

6.10.3. Test Setting

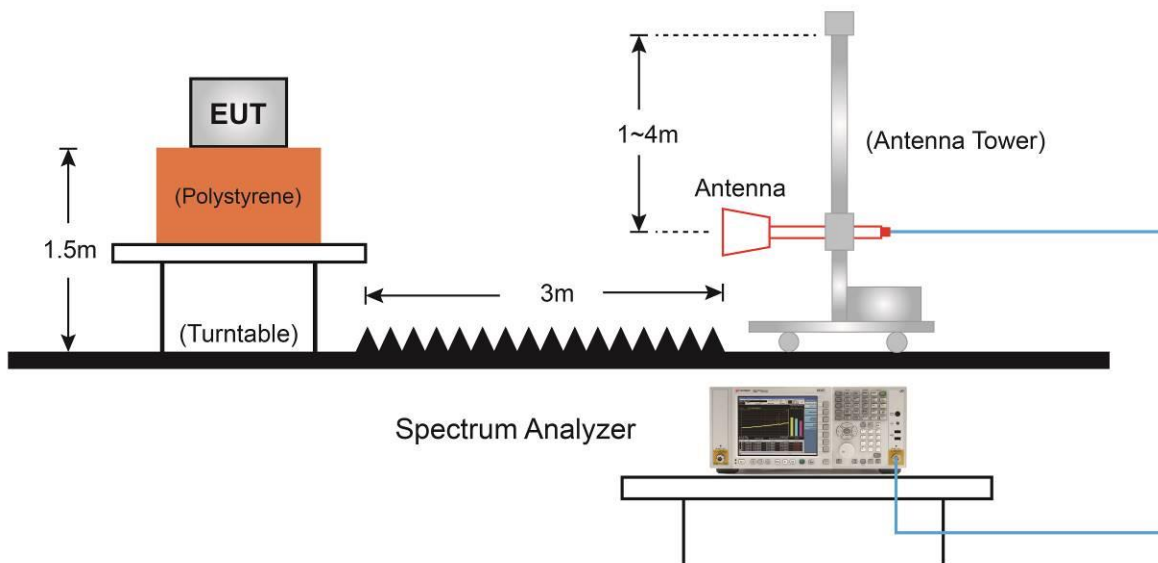
Peak Field Strength Measurements

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)

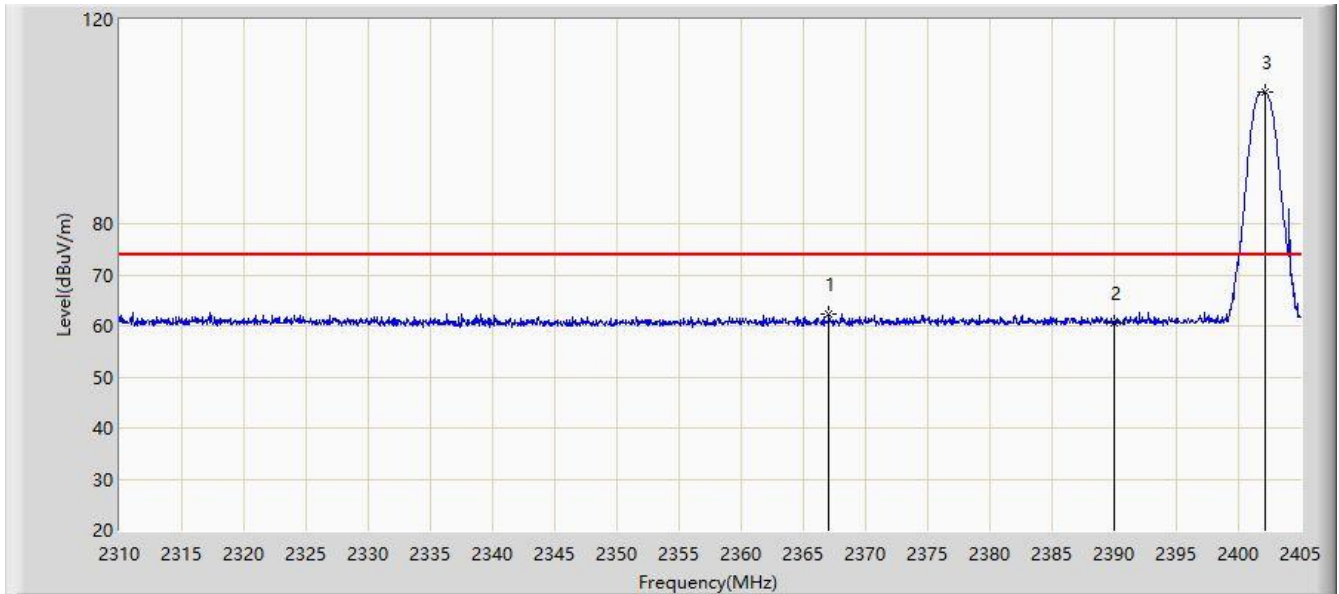
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW; If the EUT is configured to transmit with duty cycle $\geq 98\%$, set VBW = 10Hz
4. If the EUT duty cycle is $< 98\%$, set VBW $\geq 1/T$. T is the minimum transmission duration
5.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

6.10.4. Test Setup



6.10.5. Test Result

Site: SIP-AC2	Time: 2021/06/01 - 10:51
Limit: FCC_Part15.209_RE(3m)	Engineer: Yien Qian
Probe: SIP-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Lenovo Smart Wireless Earbuds	Power: By Battery
Note: Transmit by DH5 at Channel 2402MHz, Left Earbud	

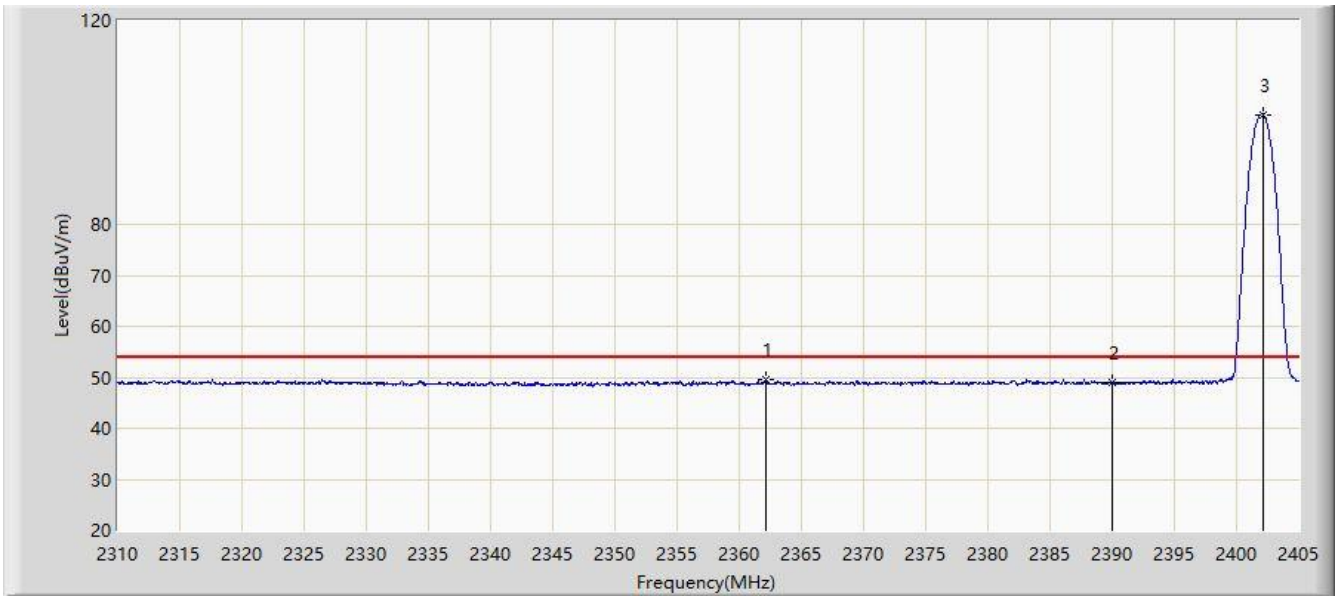


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1			2367.048	62.405	29.900	-11.595	74.000	32.505	PK
2			2390.000	60.557	28.153	-13.443	74.000	32.404	PK
3		*	2402.150	105.682	73.316	N/A	N/A	32.365	PK

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

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

Site: SIP-AC2	Time: 2021/06/01 - 11:01
Limit: FCC_Part15.209_RE(3m)	Engineer: Yien Qian
Probe: SIP-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Lenovo Smart Wireless Earbuds	Power: By Battery
Note: Transmit by DH5 at Channel 2402MHz, Left Earbud	

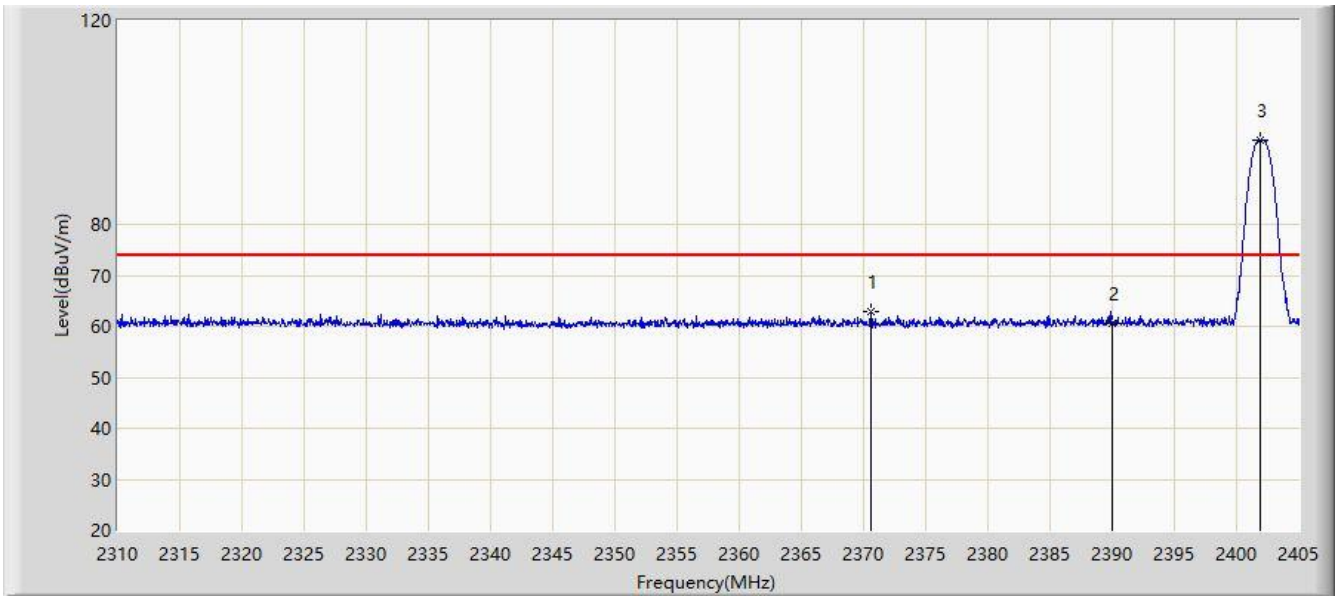


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1			2362.155	49.500	16.988	-4.500	54.000	32.512	AV
2			2390.000	48.862	16.458	-5.138	54.000	32.404	AV
3		*	2402.150	101.547	69.181	N/A	N/A	32.365	AV

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

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

Site: SIP-AC2	Time: 2021/06/01 - 11:02
Limit: FCC_Part15.209_RE(3m)	Engineer: Yien Qian
Probe: SIP-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Lenovo Smart Wireless Earbuds	Power: By Battery
Note: Transmit by DH5 at Channel 2402MHz, Left Earbud	

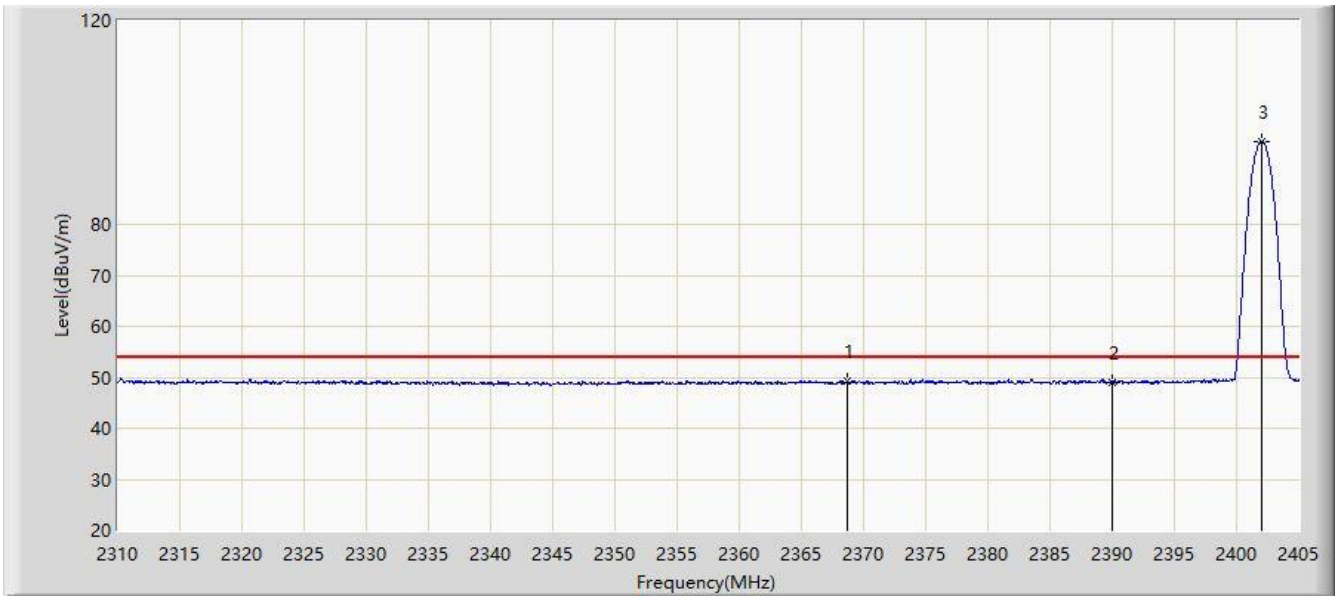


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1			2370.562	62.789	30.290	-11.211	74.000	32.499	PK
2			2390.000	60.500	28.096	-13.500	74.000	32.404	PK
3		*	2401.865	96.594	64.228	N/A	N/A	32.366	PK

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

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

Site: SIP-AC2	Time: 2021/06/01 - 11:05
Limit: FCC_Part15.209_RE(3m)	Engineer: Yien Qian
Probe: SIP-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Lenovo Smart Wireless Earbuds	Power: By Battery
Note: Transmit by DH5 at Channel 2402MHz, Left Earbud	

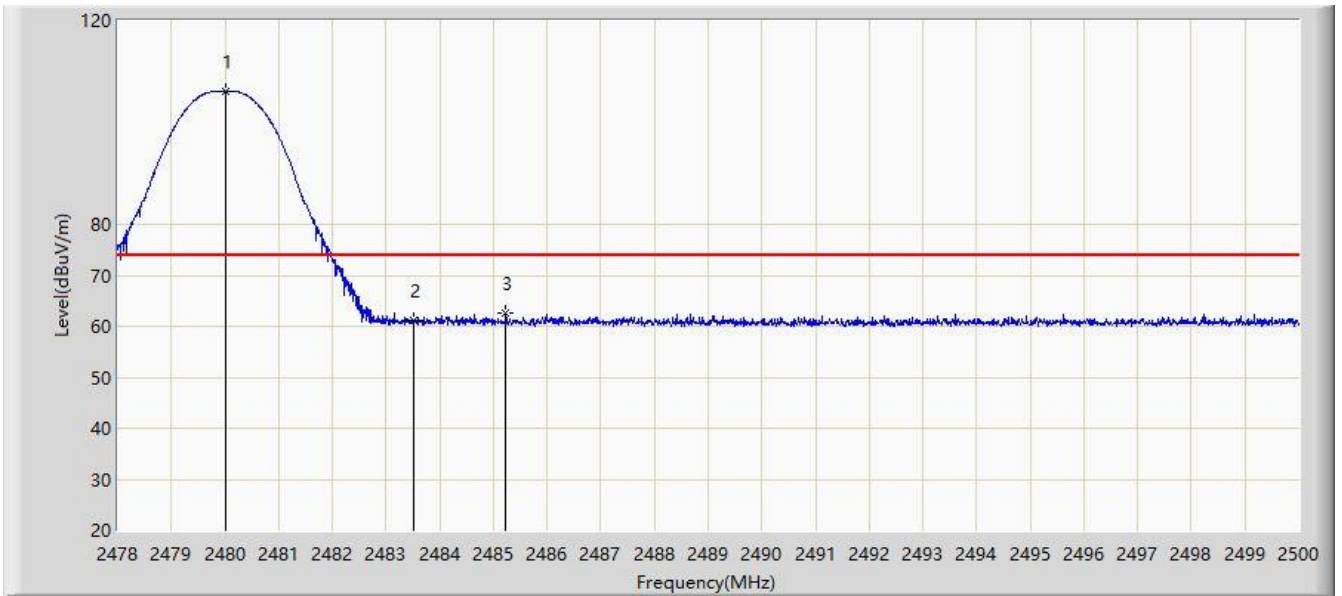


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1			2368.663	49.194	16.692	-4.806	54.000	32.502	AV
2			2390.000	48.958	16.554	-5.042	54.000	32.404	AV
3		*	2402.008	96.253	63.887	N/A	N/A	32.366	AV

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

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

Site: SIP-AC2	Time: 2021/06/01 - 11:07
Limit: FCC_Part15.209_RE(3m)	Engineer: Yien Qian
Probe: SIP-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Lenovo Smart Wireless Earbuds	Power: By Battery
Note: Transmit by DH5 at Channel 2480MHz, Left Earbud	

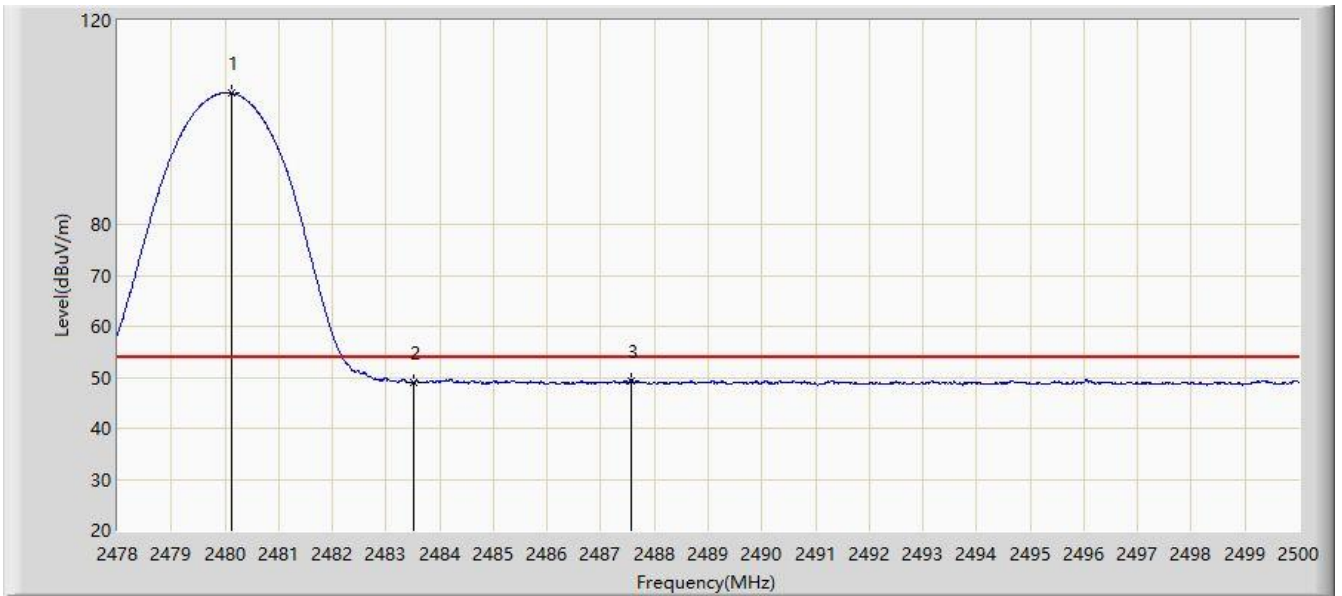


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1		*	2480.002	106.089	73.903	N/A	N/A	32.186	PK
2			2483.500	61.186	28.991	-12.814	74.000	32.195	PK
3			2485.227	62.518	30.318	-11.482	74.000	32.200	PK

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

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

Site: SIP-AC2	Time: 2021/06/01 - 11:11
Limit: FCC_Part15.209_RE(3m)	Engineer: Yien Qian
Probe: SIP-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Lenovo Smart Wireless Earbuds	Power: By Battery
Note: Transmit by DH5 at Channel 2480MHz, Left Earbud	

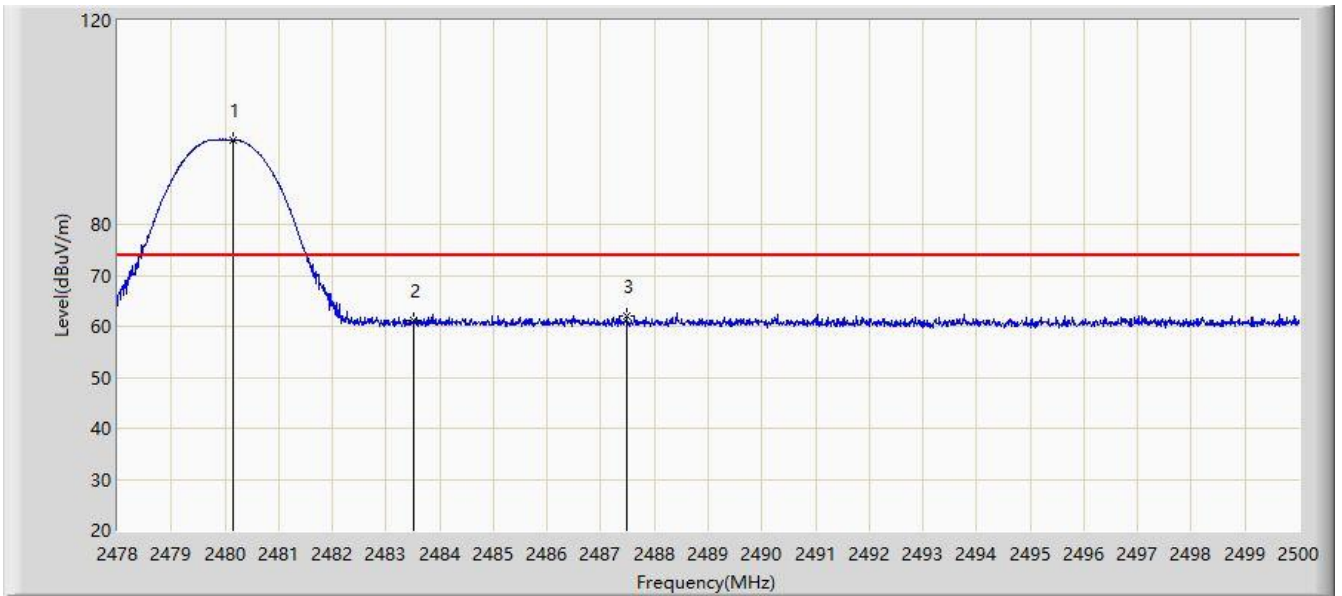


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1		*	2480.112	105.798	73.612	N/A	N/A	32.186	AV
2			2483.500	48.942	16.747	-5.058	54.000	32.195	AV
3			2487.570	49.406	17.200	-4.594	54.000	32.206	AV

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

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

Site: SIP-AC2	Time: 2021/06/01 - 11:12
Limit: FCC_Part15.209_RE(3m)	Engineer: Yien Qian
Probe: SIP-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Lenovo Smart Wireless Earbuds	Power: By Battery
Note: Transmit by DH5 at Channel 2480MHz, Left Earbud	

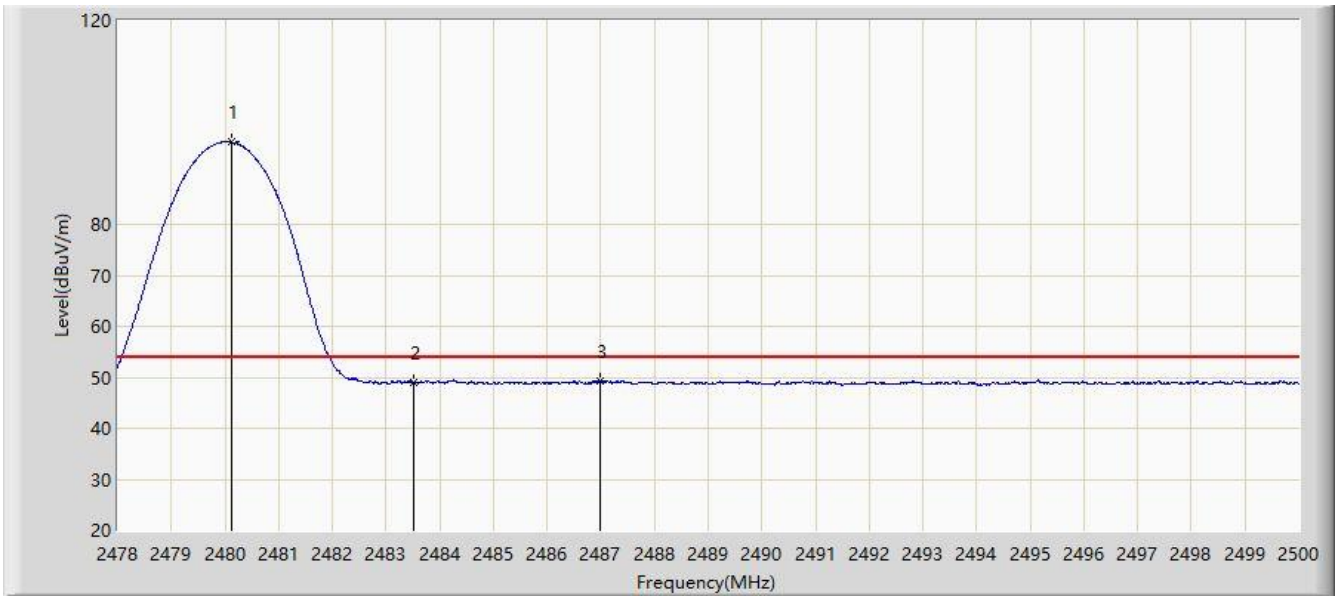


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1		*	2480.145	96.643	64.457	N/A	N/A	32.186	PK
2			2483.500	61.302	29.107	-12.698	74.000	32.195	PK
3			2487.482	62.012	29.806	-11.988	74.000	32.206	PK

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

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

Site: SIP-AC2	Time: 2021/06/01 - 11:15
Limit: FCC_Part15.209_RE(3m)	Engineer: Yien Qian
Probe: SIP-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Lenovo Smart Wireless Earbuds	Power: By Battery
Note: Transmit by DH5 at Channel 2480MHz, Left Earbud	

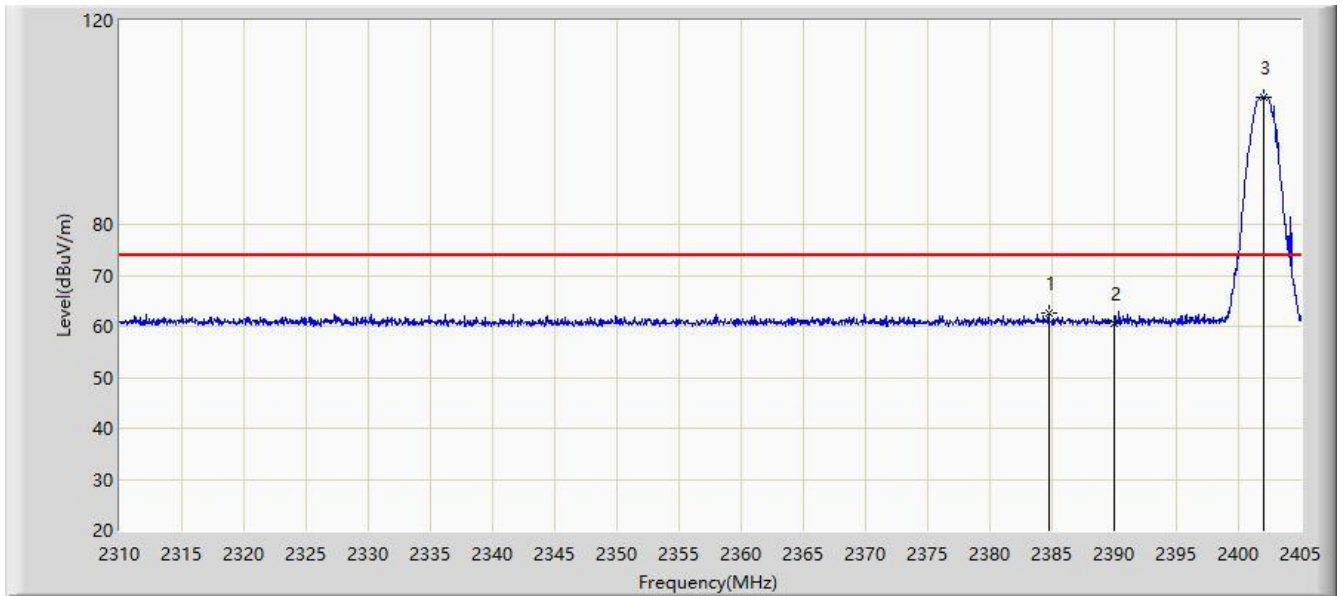


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1		*	2480.112	96.181	63.995	N/A	N/A	32.186	AV
2			2483.500	49.048	16.853	-4.952	54.000	32.195	AV
3			2486.987	49.219	17.014	-4.781	54.000	32.204	AV

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

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

Site: SIP-AC2	Time: 2021/06/01 - 11:16
Limit: FCC_Part15.209_RE(3m)	Engineer: Yien Qian
Probe: SIP-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Lenovo Smart Wireless Earbuds	Power: By Battery
Note: Transmit by 2DH5 at Channel 2402MHz, Left Earbud	

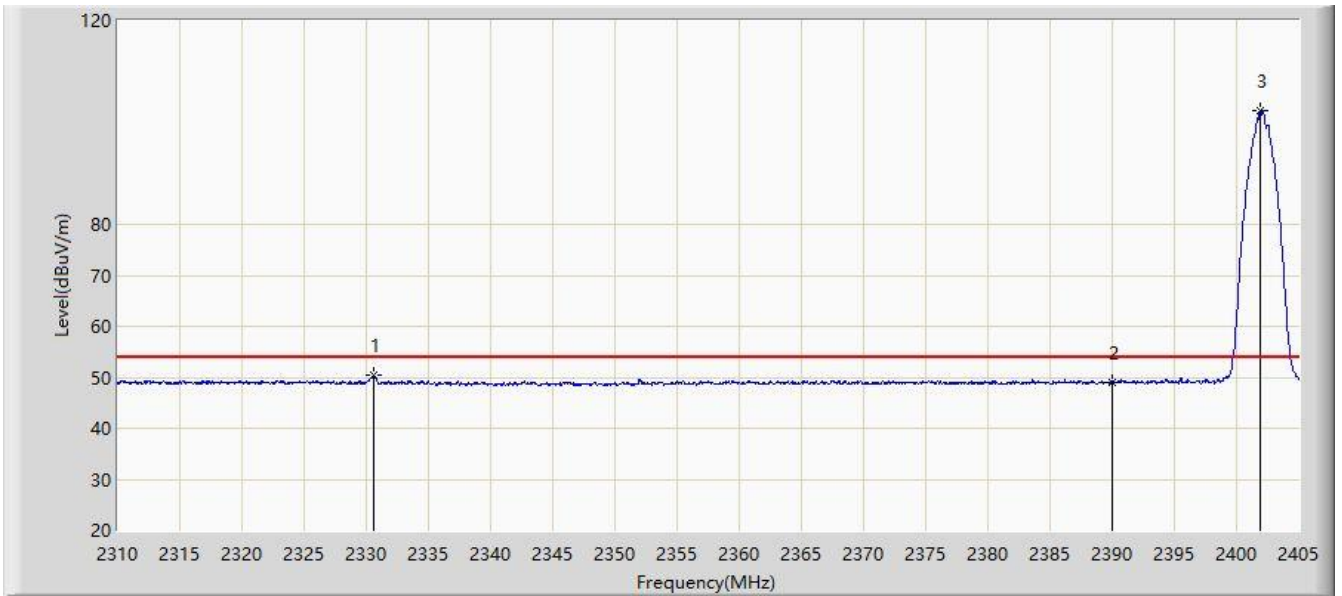


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1			2384.718	62.509	30.070	-11.491	74.000	32.439	PK
2			2390.000	60.552	28.148	-13.448	74.000	32.404	PK
3		*	2402.008	104.983	72.617	N/A	N/A	32.366	PK

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

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

Site: SIP-AC2	Time: 2021/06/01 - 11:21
Limit: FCC_Part15.209_RE(3m)	Engineer: Yien Qian
Probe: SIP-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Lenovo Smart Wireless Earbuds	Power: By Battery
Note: Transmit by 2DH5 at Channel 2402MHz, Left Earbud	

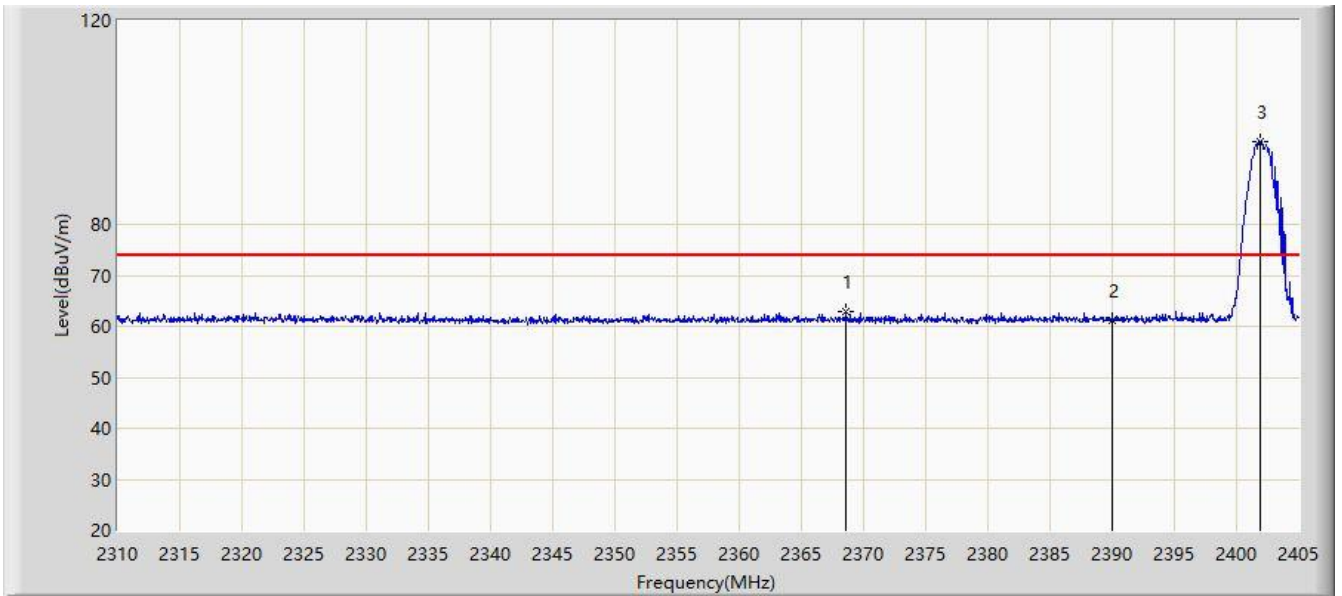


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2330.615	50.373	17.773	-3.627	54.000	32.600	AV
2			2390.000	48.997	16.593	-5.003	54.000	32.404	AV
3		*	2401.960	102.374	70.008	N/A	N/A	32.366	AV

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

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

Site: SIP-AC2	Time: 2021/06/01 - 11:22
Limit: FCC_Part15.209_RE(3m)	Engineer: Yien Qian
Probe: SIP-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Lenovo Smart Wireless Earbuds	Power: By Battery
Note: Transmit by 2DH5 at Channel 2402MHz, Left Earbud	

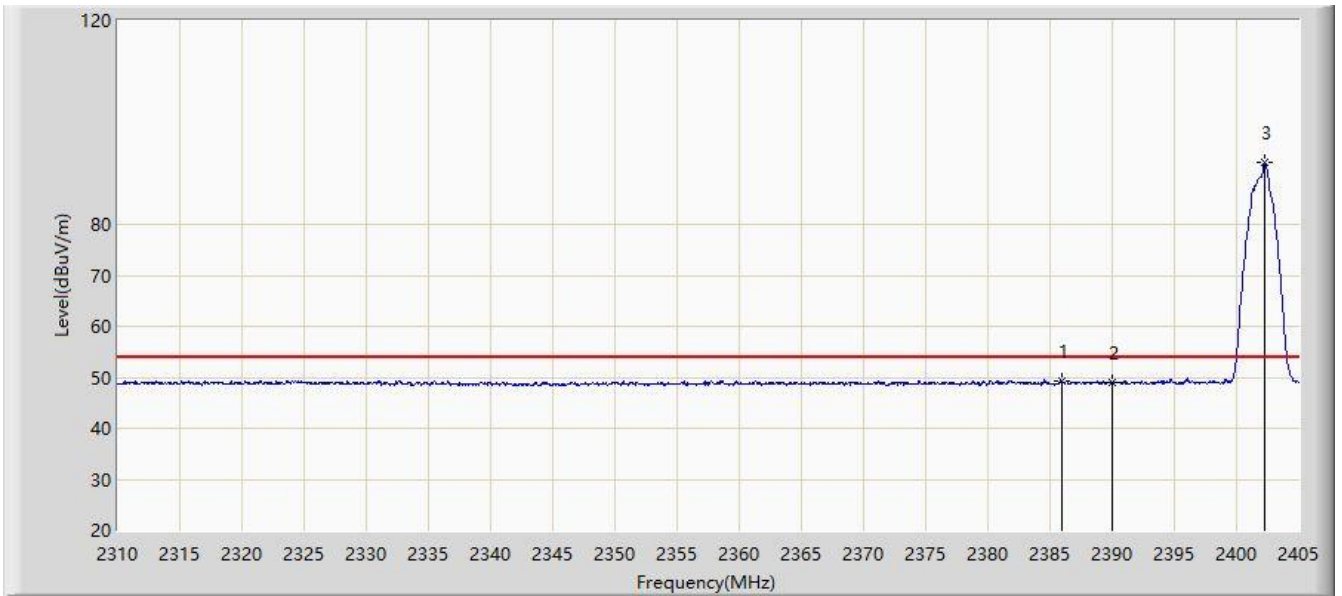


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1			2368.615	63.012	30.510	-10.988	74.000	32.502	PK
2			2390.000	61.201	28.797	-12.799	74.000	32.404	PK
3		*	2401.865	96.217	63.851	N/A	N/A	32.366	PK

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

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

Site: SIP-AC2	Time: 2021/06/01 - 11:36
Limit: FCC_Part15.209_RE(3m)	Engineer: Yien Qian
Probe: SIP-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Lenovo Smart Wireless Earbuds	Power: By Battery
Note: Transmit by 2DH5 at Channel 2402MHz, Left Earbud	

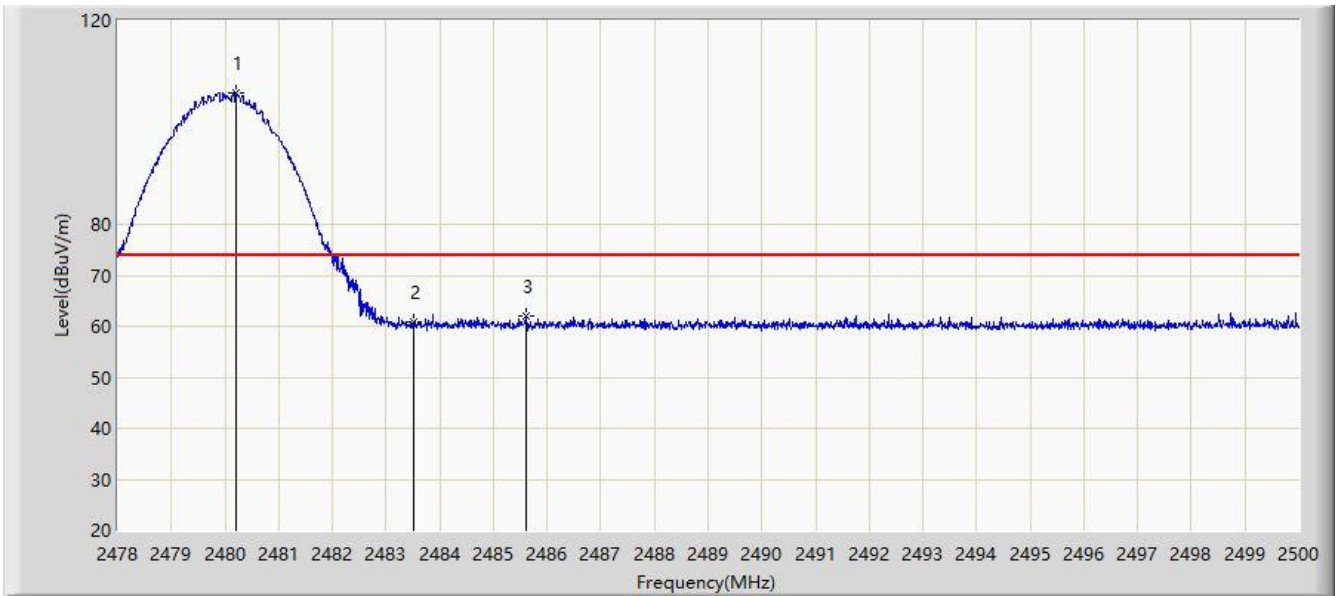


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1			2385.905	49.419	16.988	-4.581	54.000	32.431	AV
2			2390.000	48.926	16.522	-5.074	54.000	32.404	AV
3		*	2402.292	92.274	59.909	N/A	N/A	32.365	AV

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

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

Site: SIP-AC2	Time: 2021/06/01 - 11:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Yien Qian
Probe: SIP-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Lenovo Smart Wireless Earbuds	Power: By Battery
Note: Transmit by 2DH5 at Channel 2480MHz, Left Earbud	

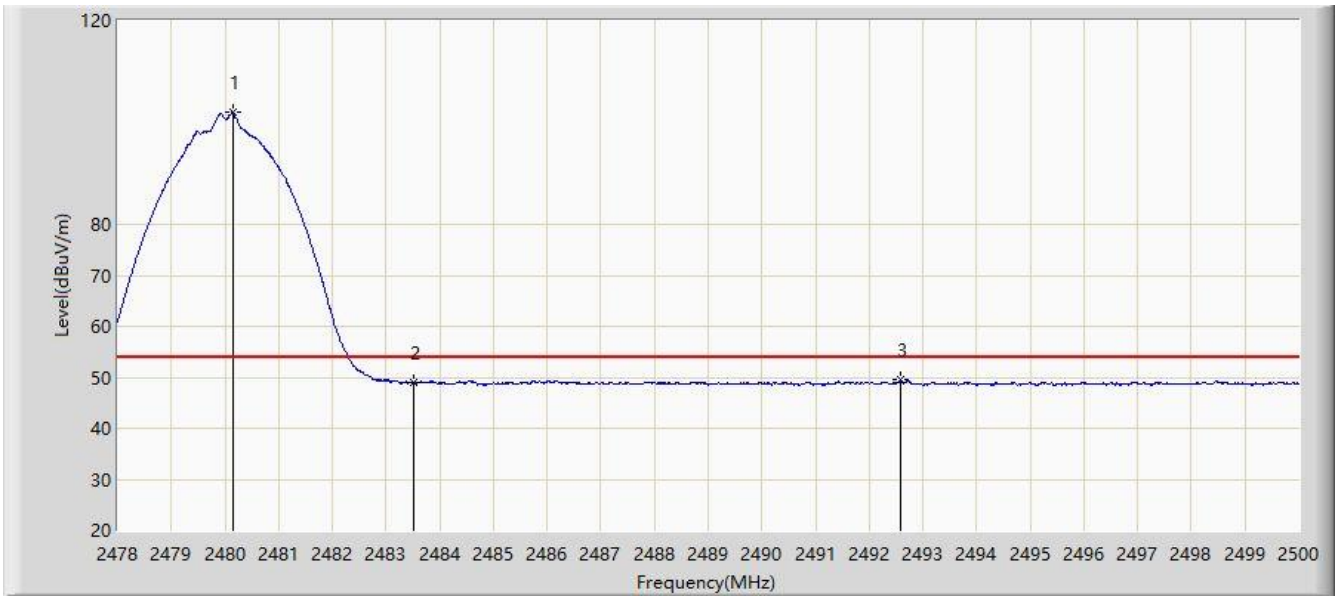


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1		*	2480.211	105.668	73.482	N/A	N/A	32.186	PK
2			2483.500	60.939	28.744	-13.061	74.000	32.195	PK
3			2485.601	61.929	29.728	-12.071	74.000	32.201	PK

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

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

Site: SIP-AC2	Time: 2021/06/01 - 11:40
Limit: FCC_Part15.209_RE(3m)	Engineer: Yien Qian
Probe: SIP-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Lenovo Smart Wireless Earbuds	Power: By Battery
Note: Transmit by 2DH5 at Channel 2480MHz, Left Earbud	

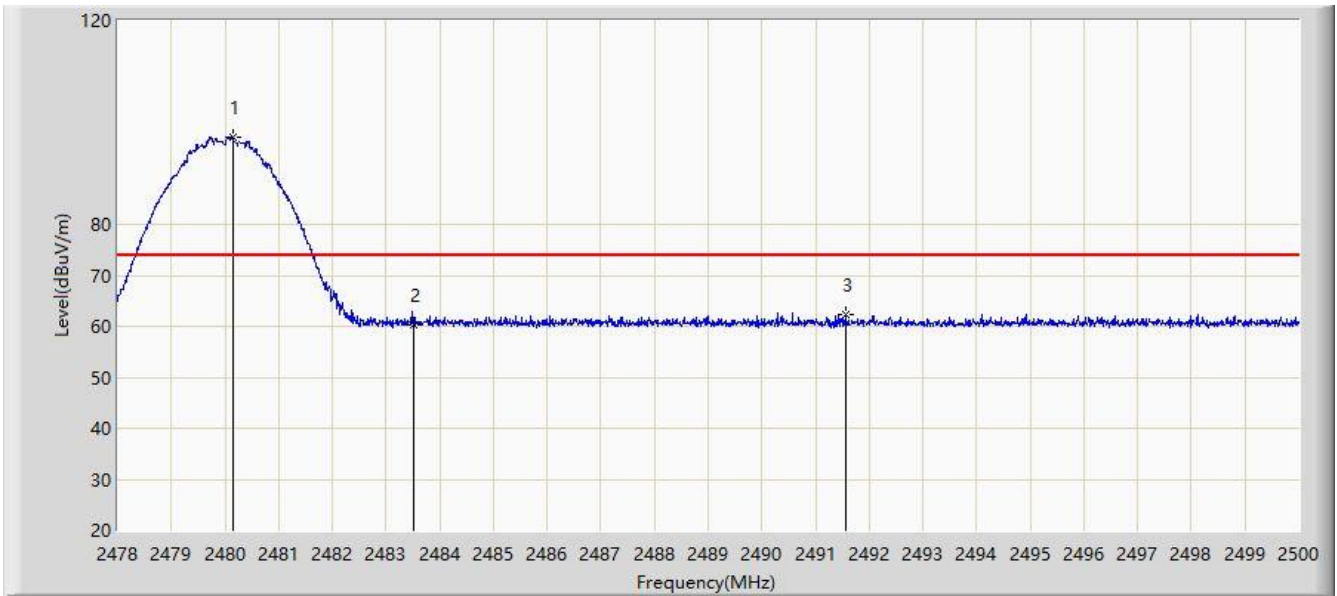


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1		*	2480.145	101.928	69.742	N/A	N/A	32.186	AV
2			2483.500	48.944	16.749	-5.056	54.000	32.195	AV
3			2492.597	49.433	17.213	-4.567	54.000	32.220	AV

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

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

Site: SIP-AC2	Time: 2021/06/01 - 11:41
Limit: FCC_Part15.209_RE(3m)	Engineer: Yien Qian
Probe: SIP-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Lenovo Smart Wireless Earbuds	Power: By Battery
Note: Transmit by 2DH5 at Channel 2480MHz, Left Earbud	

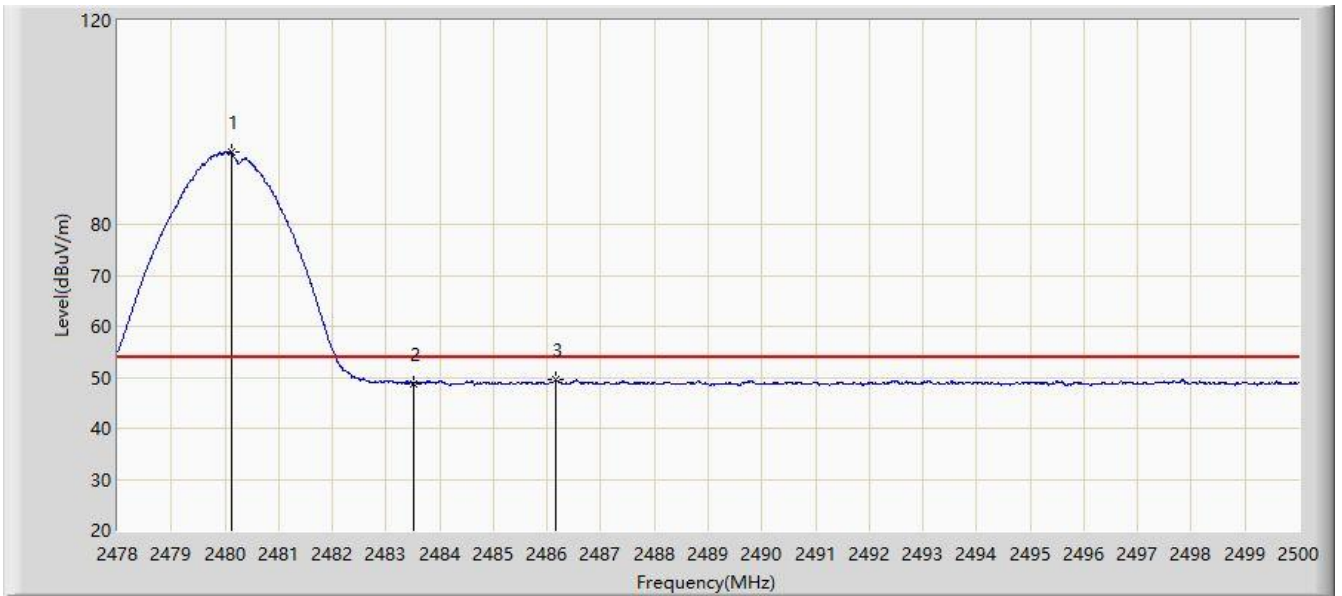


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1		*	2480.145	97.029	64.843	N/A	N/A	32.186	PK
2			2483.500	60.325	28.130	-13.675	74.000	32.195	PK
3			2491.552	62.431	30.214	-11.569	74.000	32.217	PK

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

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

Site: SIP-AC2	Time: 2021/06/01 - 11:43
Limit: FCC_Part15.209_RE(3m)	Engineer: Yien Qian
Probe: SIP-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Lenovo Smart Wireless Earbuds	Power: By Battery
Note: Transmit by 2DH5 at Channel 2480MHz, Left Earbud	

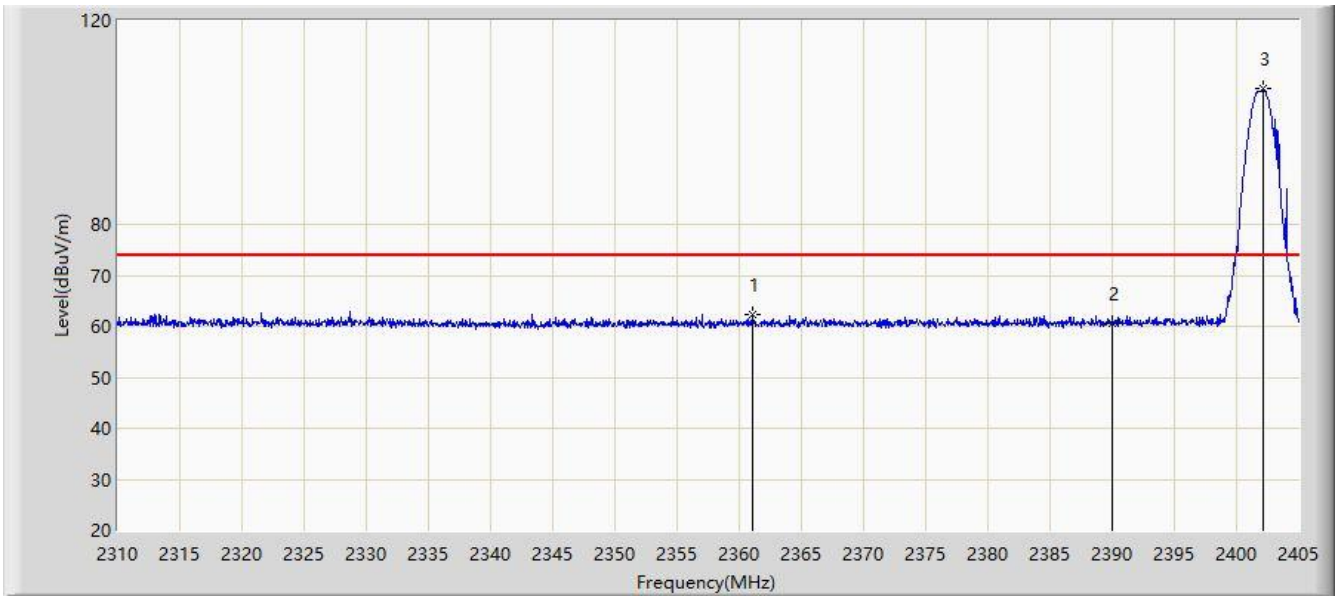


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1		*	2480.112	94.243	62.057	N/A	N/A	32.186	AV
2			2483.500	48.651	16.456	-5.349	54.000	32.195	AV
3			2486.162	49.507	17.305	-4.493	54.000	32.202	AV

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

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

Site: SIP-AC2	Time: 2021/06/01 - 11:45
Limit: FCC_Part15.209_RE(3m)	Engineer: Yien Qian
Probe: SIP-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Lenovo Smart Wireless Earbuds	Power: By Battery
Note: Transmit by 3DH5 at Channel 2402MHz, Left Earbud	

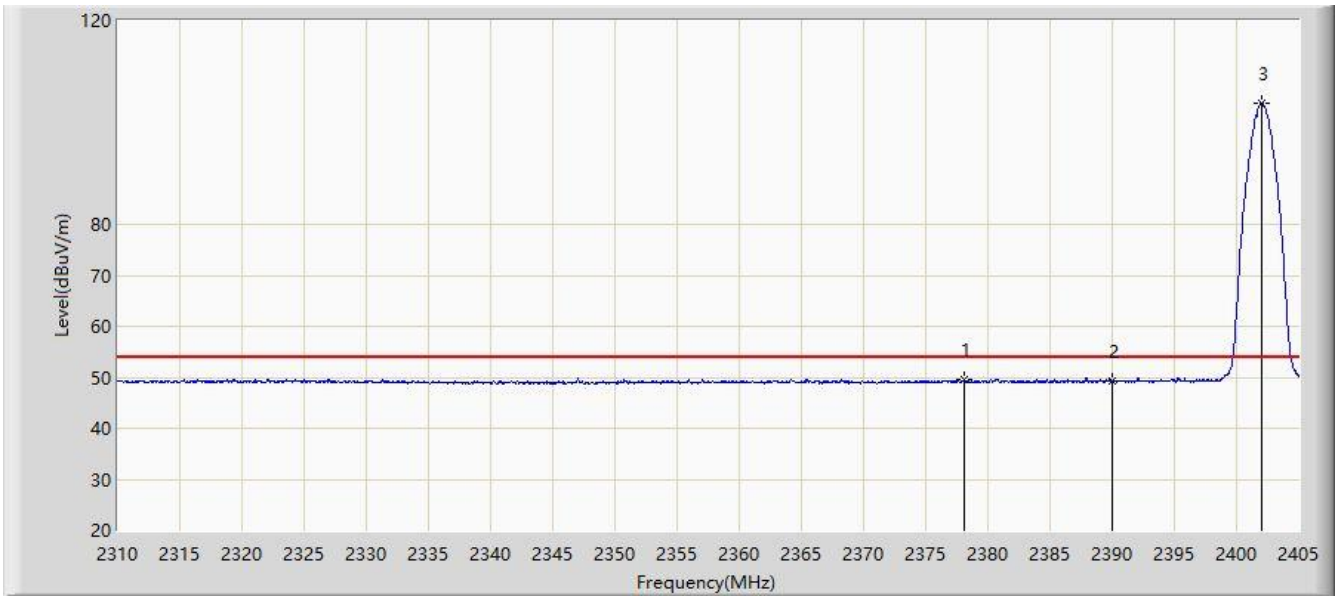


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1			2361.062	62.351	29.838	-11.649	74.000	32.513	PK
2			2390.000	60.619	28.215	-13.381	74.000	32.404	PK
3		*	2402.150	106.582	74.216	N/A	N/A	32.365	PK

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

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

Site: SIP-AC2	Time: 2021/06/01 - 11:47
Limit: FCC_Part15.209_RE(3m)	Engineer: Yien Qian
Probe: SIP-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Lenovo Smart Wireless Earbuds	Power: By Battery
Note: Transmit by 3DH5 at Channel 2402MHz, Left Earbud	

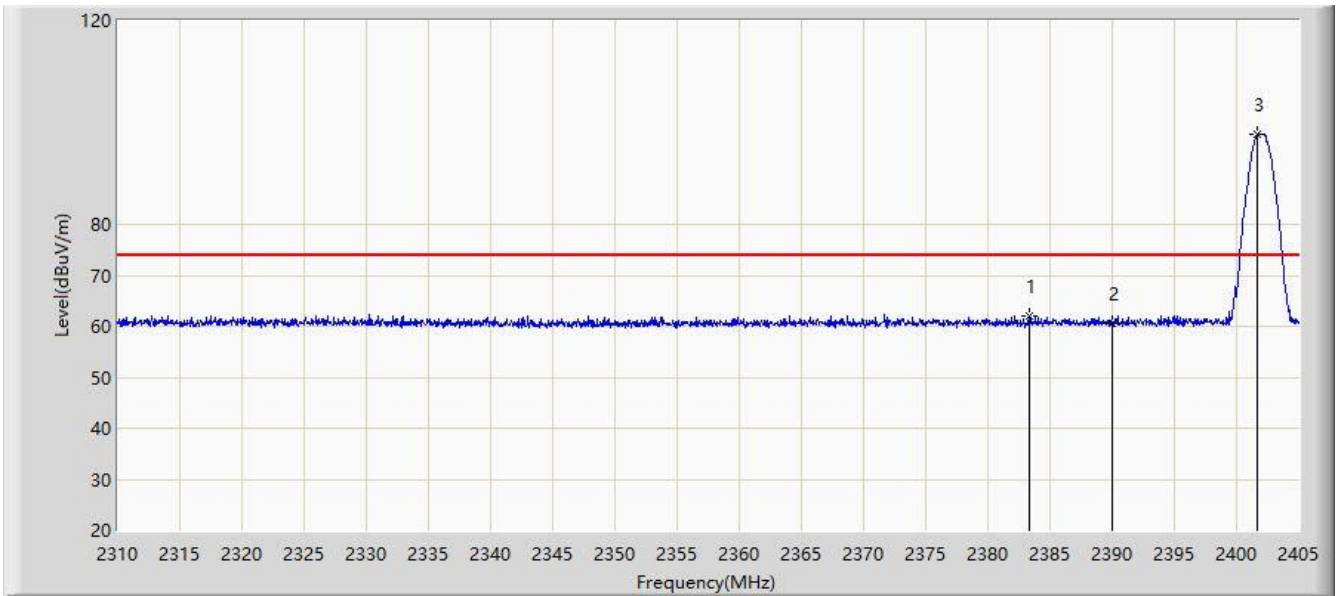


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1			2378.067	49.670	17.187	-4.330	54.000	32.483	AV
2			2390.000	49.135	16.731	-4.865	54.000	32.404	AV
3		*	2402.008	103.727	71.361	N/A	N/A	32.366	AV

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

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

Site: SIP-AC2	Time: 2021/06/01 - 11:48
Limit: FCC_Part15.209_RE(3m)	Engineer: Yien Qian
Probe: SIP-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Lenovo Smart Wireless Earbuds	Power: By Battery
Note: Transmit by 3DH5 at Channel 2402MHz, Left Earbud	

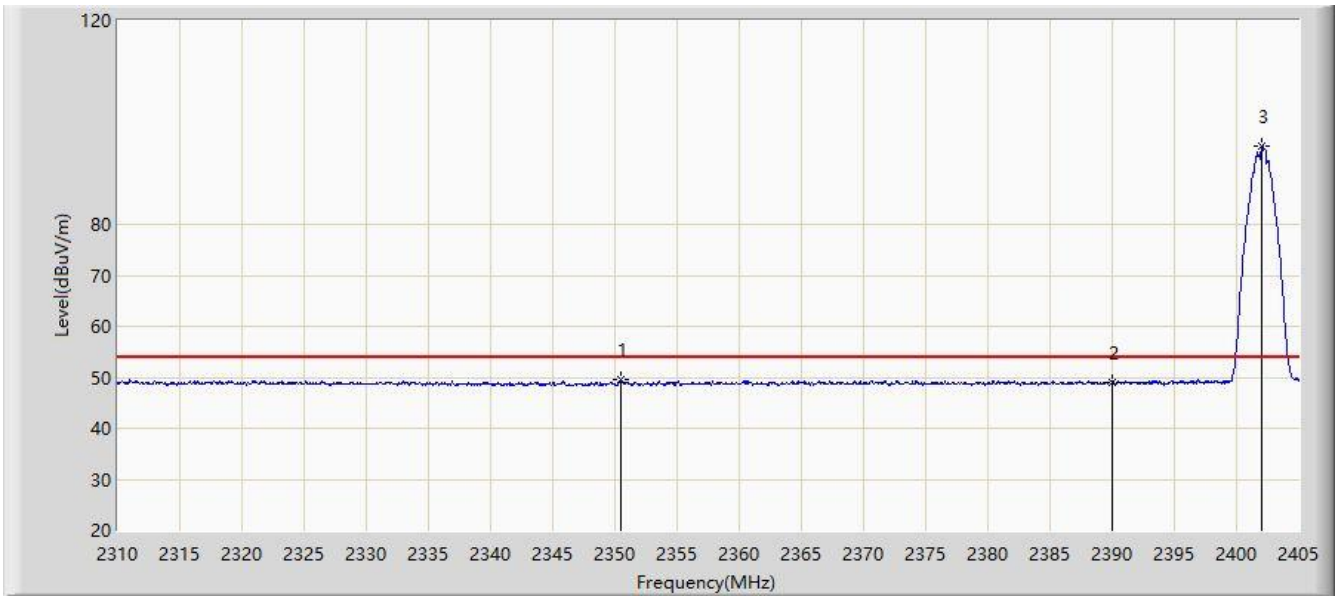


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1			2383.387	61.916	29.468	-12.084	74.000	32.448	PK
2			2390.000	60.651	28.247	-13.349	74.000	32.404	PK
3		*	2401.722	97.818	65.452	N/A	N/A	32.366	PK

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

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

Site: SIP-AC2	Time: 2021/06/01 - 11:52
Limit: FCC_Part15.209_RE(3m)	Engineer: Yien Qian
Probe: SIP-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Lenovo Smart Wireless Earbuds	Power: By Battery
Note: Transmit by 3DH5 at Channel 2402MHz, Left Earbud	

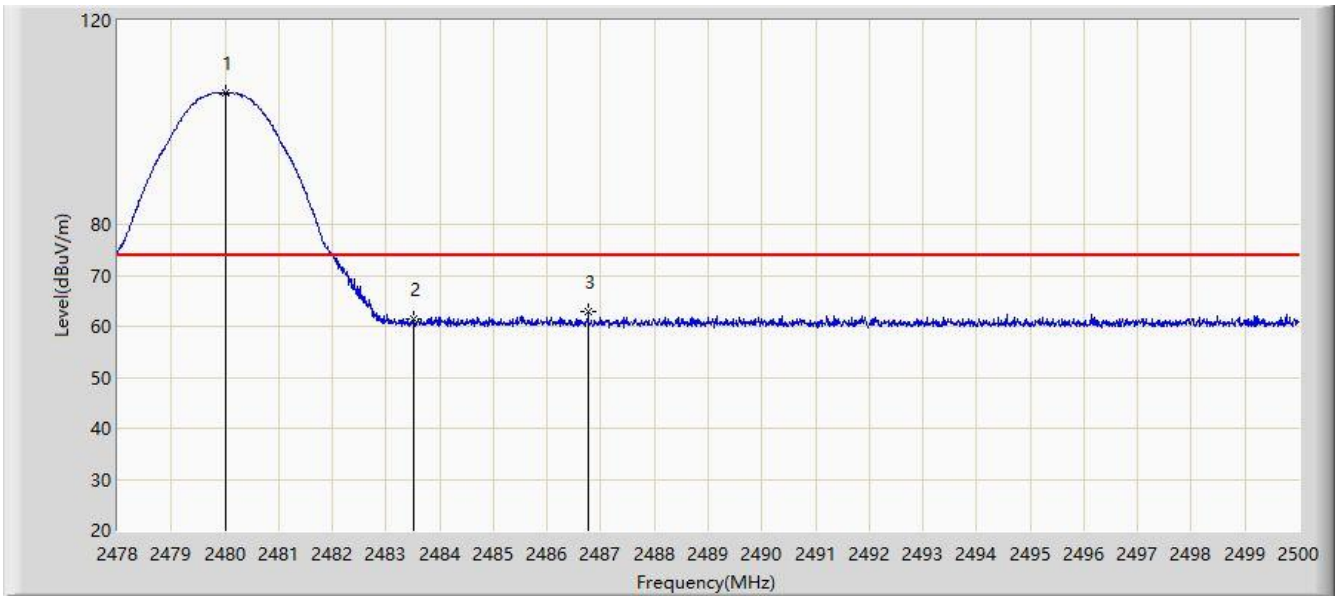


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1			2350.423	49.437	17.004	-4.563	54.000	32.433	AV
2			2390.000	49.089	16.685	-4.911	54.000	32.404	AV
3		*	2402.055	95.318	62.952	N/A	N/A	32.365	AV

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

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

Site: SIP-AC2	Time: 2021/06/01 - 11:53
Limit: FCC_Part15.209_RE(3m)	Engineer: Yien Qian
Probe: SIP-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Lenovo Smart Wireless Earbuds	Power: By Battery
Note: Transmit by 3DH5 at Channel 2480MHz, Left Earbud	

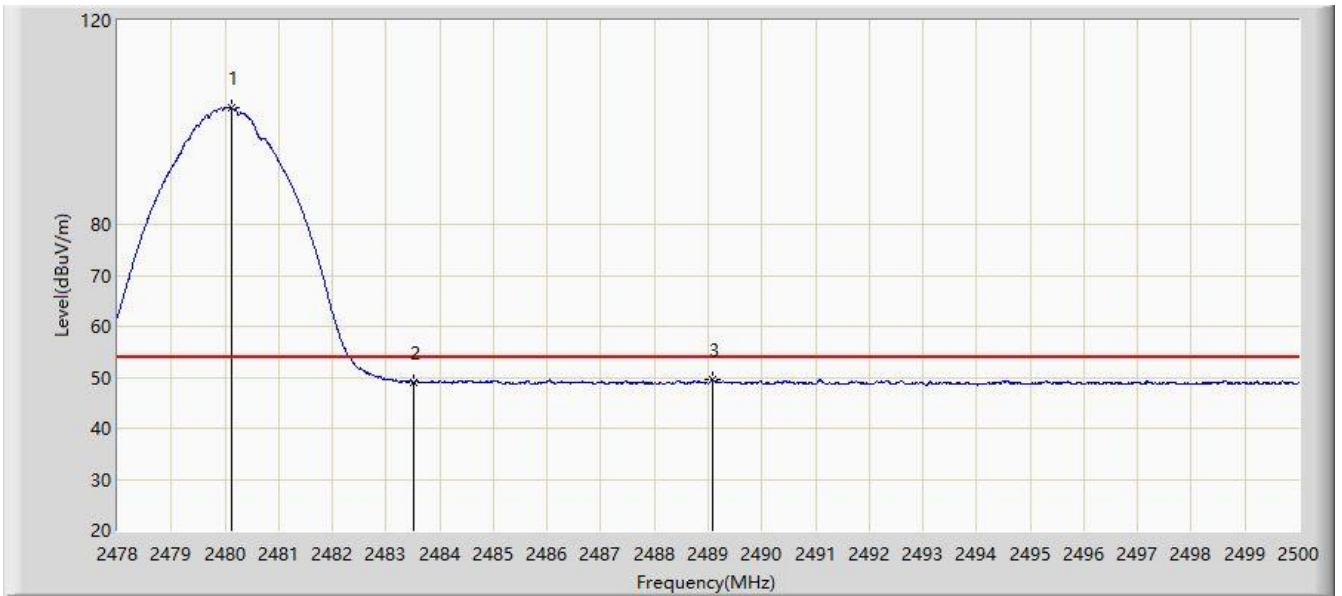


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1		*	2480.002	105.718	73.532	N/A	N/A	32.186	PK
2			2483.500	61.393	29.198	-12.607	74.000	32.195	PK
3			2486.767	62.759	30.555	-11.241	74.000	32.204	PK

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

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

Site: SIP-AC2	Time: 2021/06/01 - 11:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Yien Qian
Probe: SIP-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Lenovo Smart Wireless Earbuds	Power: By Battery
Note: Transmit by 3DH5 at Channel 2480MHz, Left Earbud	

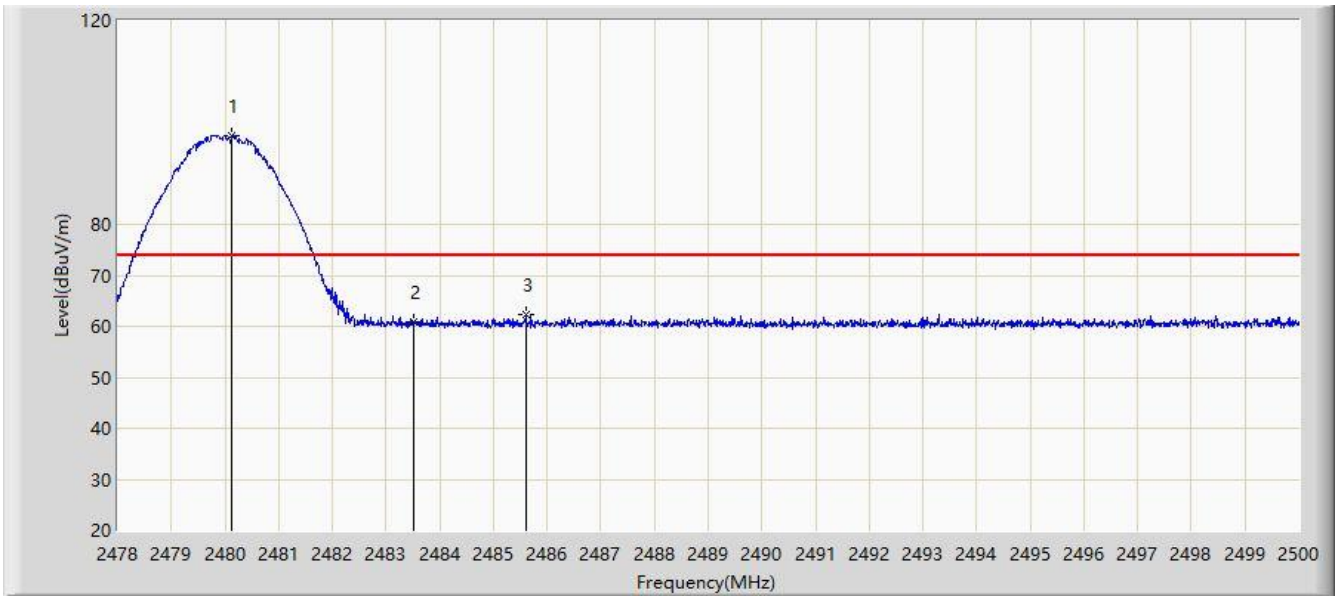


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1		*	2480.112	102.822	70.636	N/A	N/A	32.186	AV
2			2483.500	48.951	16.756	-5.049	54.000	32.195	AV
3			2489.077	49.519	17.309	-4.481	54.000	32.211	AV

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

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

Site: SIP-AC2	Time: 2021/06/01 - 11:57
Limit: FCC_Part15.209_RE(3m)	Engineer: Yien Qian
Probe: SIP-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Lenovo Smart Wireless Earbuds	Power: By Battery
Note: Transmit by 3DH5 at Channel 2480MHz, Left Earbud	

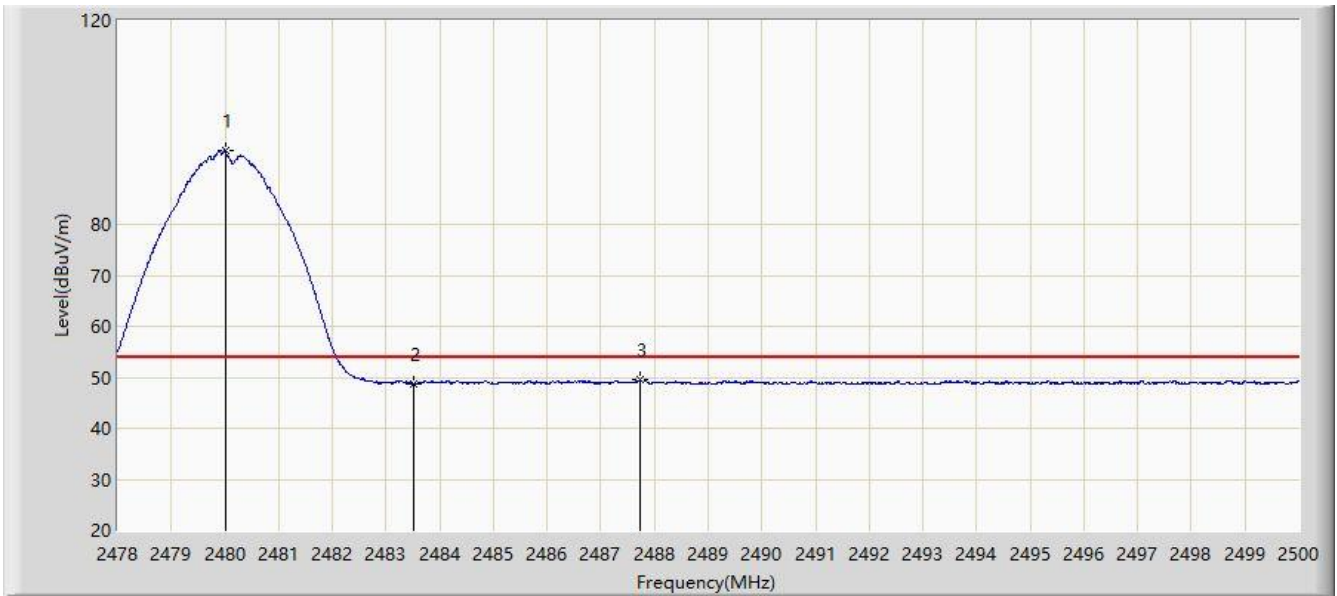


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1		*	2480.134	97.494	65.308	N/A	N/A	32.186	PK
2			2483.500	60.759	28.564	-13.241	74.000	32.195	PK
3			2485.601	62.381	30.180	-11.619	74.000	32.201	PK

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

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

Site: SIP-AC2	Time: 2021/06/01 - 12:00
Limit: FCC_Part15.209_RE(3m)	Engineer: Yien Qian
Probe: SIP-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Lenovo Smart Wireless Earbuds	Power: By Battery
Note: Transmit by 3DH5 at Channel 2480MHz, Left Earbud	

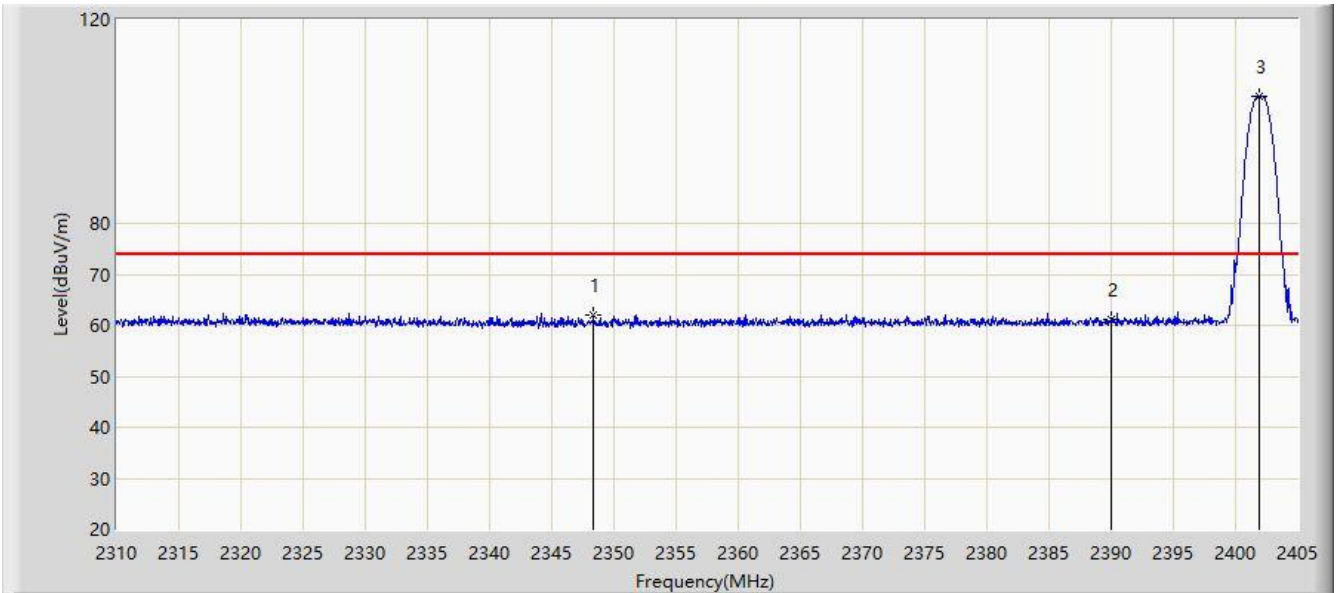


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1		*	2480.002	94.400	62.214	N/A	N/A	32.186	AV
2			2483.500	48.700	16.505	-5.300	54.000	32.195	AV
3			2487.735	49.426	17.219	-4.574	54.000	32.207	AV

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

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

Site: SIP-AC2	Time: 2021/06/01 - 13:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Yien Qian
Probe: SIP-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Lenovo Smart Wireless Earbuds	Power: By Battery
Note: Transmit by DH5 at Channel 2402MHz, Right Earbud	

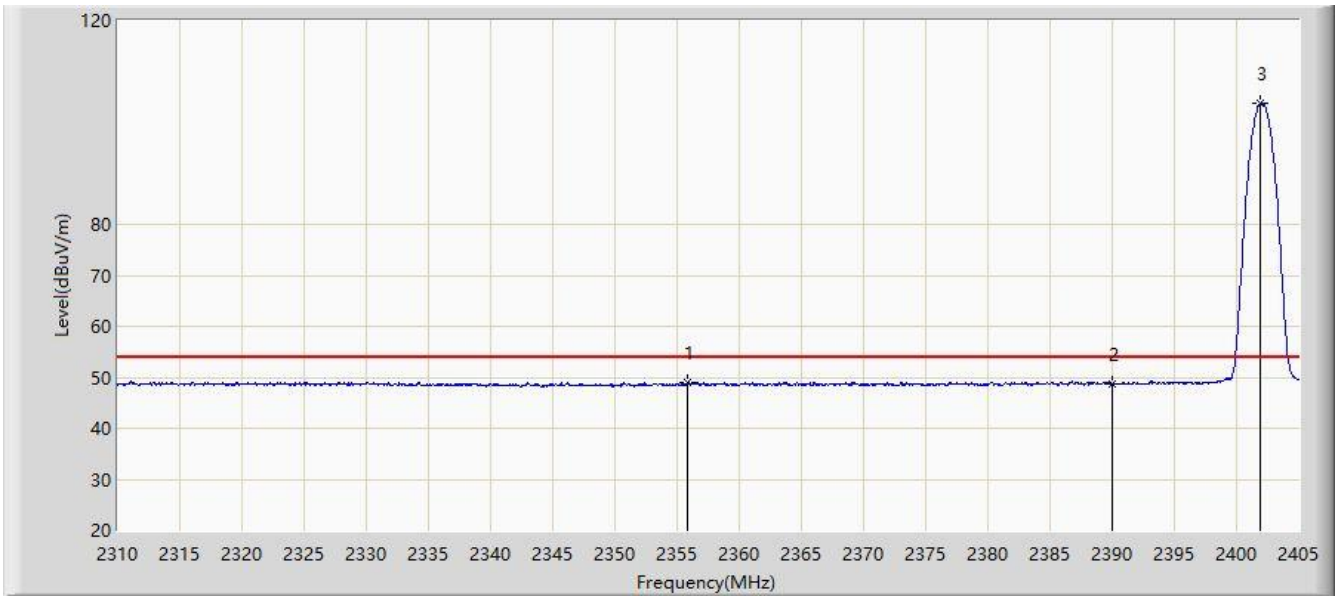


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2348.380	62.148	29.732	-11.852	74.000	32.416	PK
2			2390.000	61.215	28.811	-12.785	74.000	32.404	PK
3		*	2401.865	104.972	72.606	N/A	N/A	32.366	PK

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

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

Site: SIP-AC2	Time: 2021/06/01 - 14:01
Limit: FCC_Part15.209_RE(3m)	Engineer: Yien Qian
Probe: SIP-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Lenovo Smart Wireless Earbuds	Power: By Battery
Note: Transmit by DH5 at Channel 2402MHz, Right Earbud	

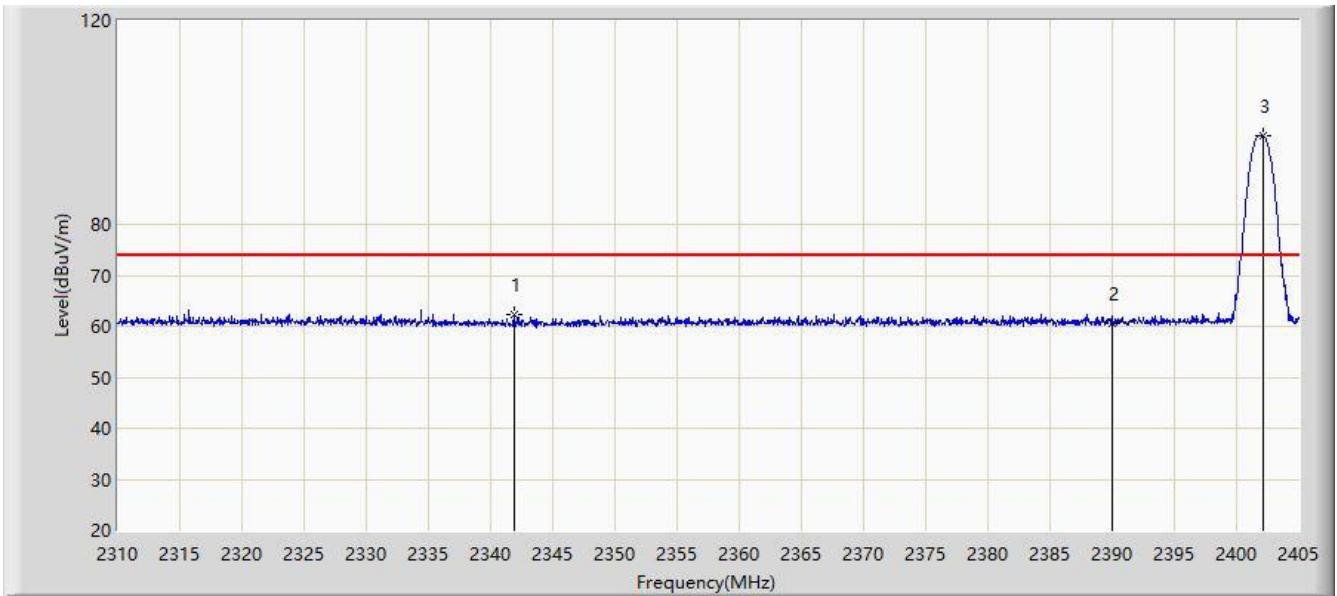


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2355.837	49.075	16.596	-4.925	54.000	32.480	AV
2			2390.000	48.616	16.212	-5.384	54.000	32.404	AV
3		*	2401.960	103.749	71.383	N/A	N/A	32.366	AV

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

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

Site: SIP-AC2	Time: 2021/06/01 - 14:02
Limit: FCC_Part15.209_RE(3m)	Engineer: Yien Qian
Probe: SIP-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Lenovo Smart Wireless Earbuds	Power: By Battery
Note: Transmit by DH5 at Channel 2402MHz , Right Earbud	

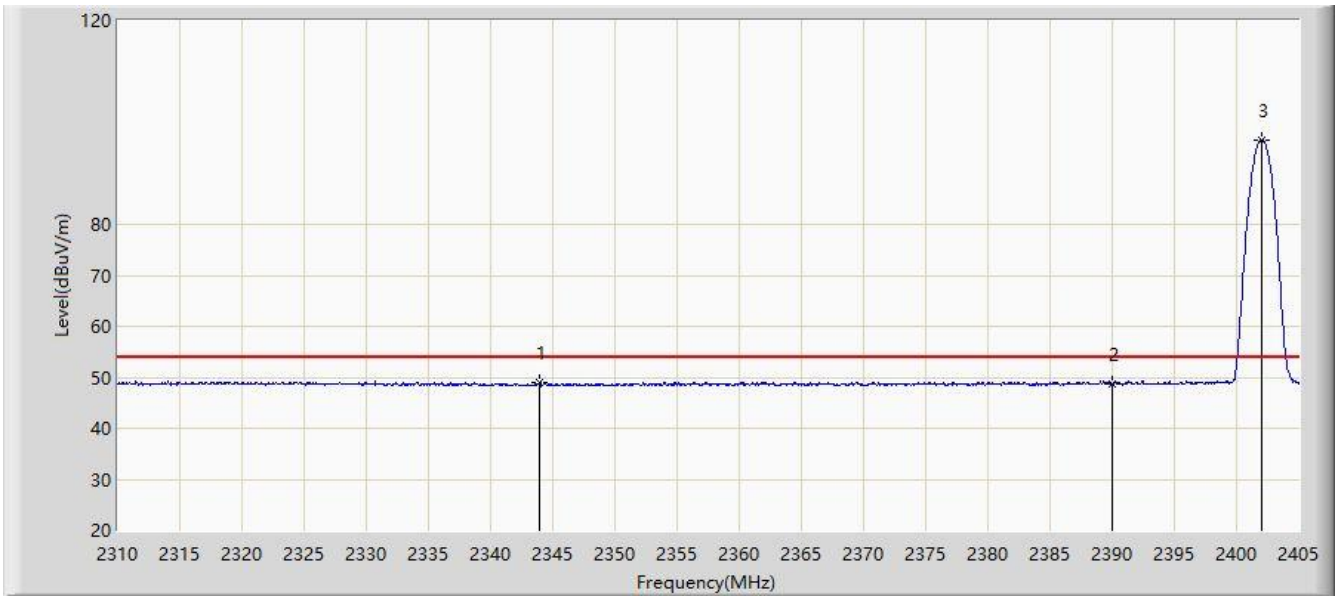


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2341.873	62.284	29.893	-11.716	74.000	32.391	PK
2			2390.000	60.679	28.275	-13.321	74.000	32.404	PK
3		*	2402.150	97.343	64.977	N/A	N/A	32.365	PK

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

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

Site: SIP-AC2	Time: 2021/06/01 - 14:06
Limit: FCC_Part15.209_RE(3m)	Engineer: Yien Qian
Probe: SIP-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Lenovo Smart Wireless Earbuds	Power: By Battery
Note: Transmit by DH5 at Channel 2402MHz, Right Earbud	

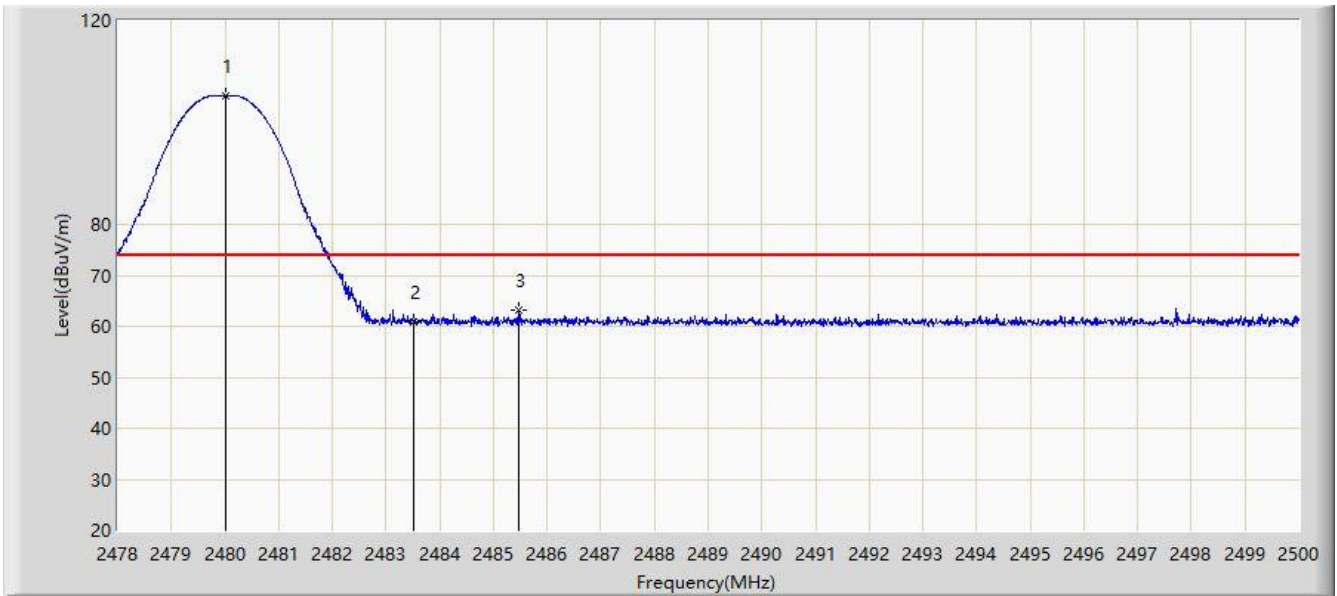


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2343.962	49.083	16.705	-4.917	54.000	32.378	AV
2			2390.000	48.585	16.181	-5.415	54.000	32.404	AV
3		*	2402.008	96.599	64.233	N/A	N/A	32.366	AV

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

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

Site: SIP-AC2	Time: 2021/06/01 - 14:06
Limit: FCC_Part15.209_RE(3m)	Engineer: Yien Qian
Probe: SIP-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Lenovo Smart Wireless Earbuds	Power: By Battery
Note: Transmit by DH5 at Channel 2480MHz, Right Earbud	

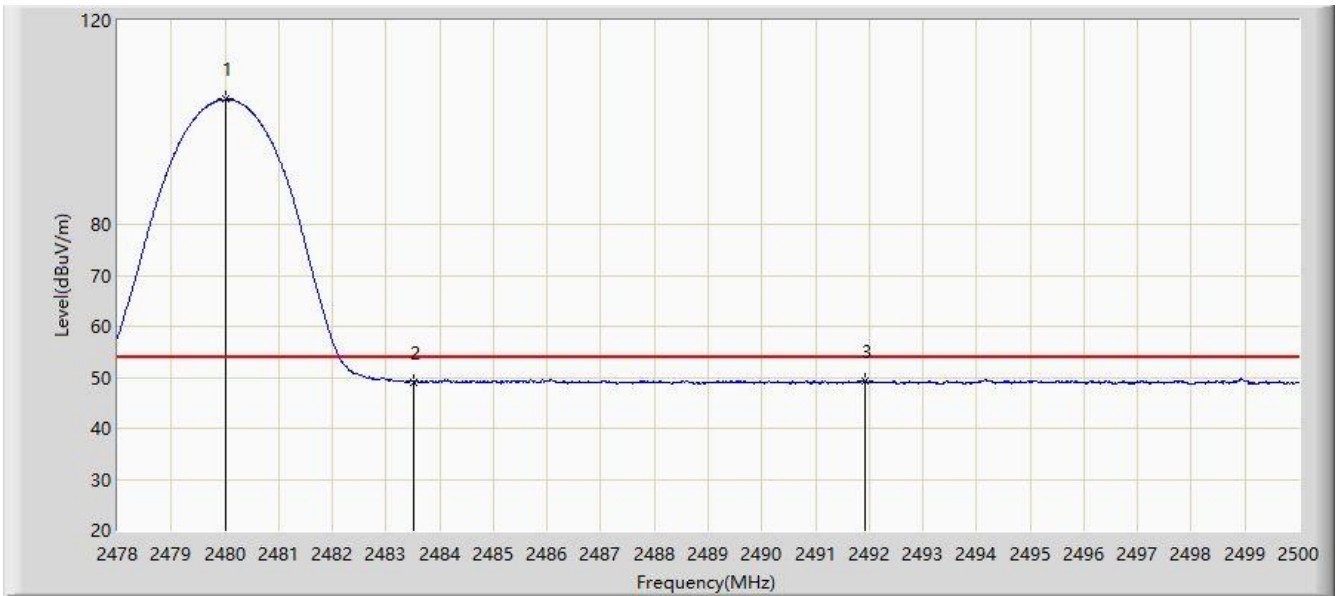


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.002	105.292	73.106	N/A	N/A	32.186	PK
2			2483.500	60.874	28.679	-13.126	74.000	32.195	PK
3			2485.458	63.130	30.930	-10.870	74.000	32.201	PK

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

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

Site: SIP-AC2	Time: 2021/06/01 - 14:11
Limit: FCC_Part15.209_RE(3m)	Engineer: Yien Qian
Probe: SIP-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Lenovo Smart Wireless Earbuds	Power: By Battery
Note: Transmit by DH5 at Channel 2480MHz, Right Earbud	

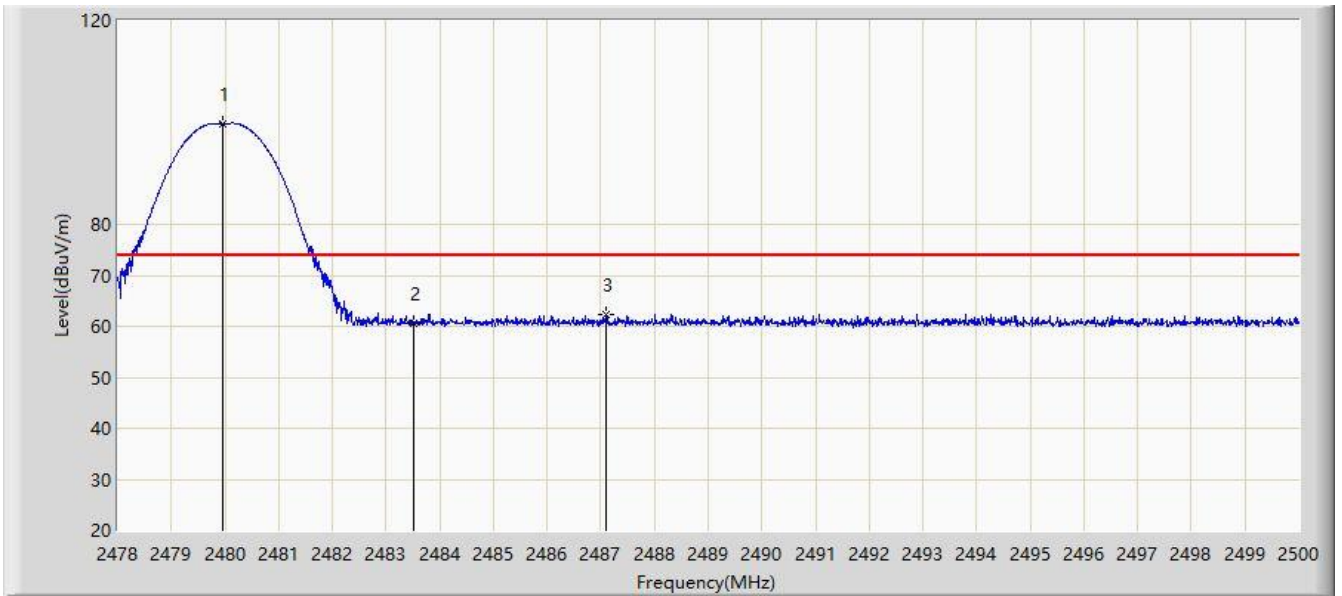


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.002	104.497	72.311	N/A	N/A	32.186	AV
2			2483.500	49.080	16.885	-4.920	54.000	32.195	AV
3			2491.915	49.348	17.130	-4.652	54.000	32.218	AV

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

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

Site: SIP-AC2	Time: 2021/06/01 - 14:14
Limit: FCC_Part15.209_RE(3m)	Engineer: Yien Qian
Probe: SIP-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Lenovo Smart Wireless Earbuds	Power: By Battery
Note: Transmit by DH5 at Channel 2480MHz, Right Earbud	

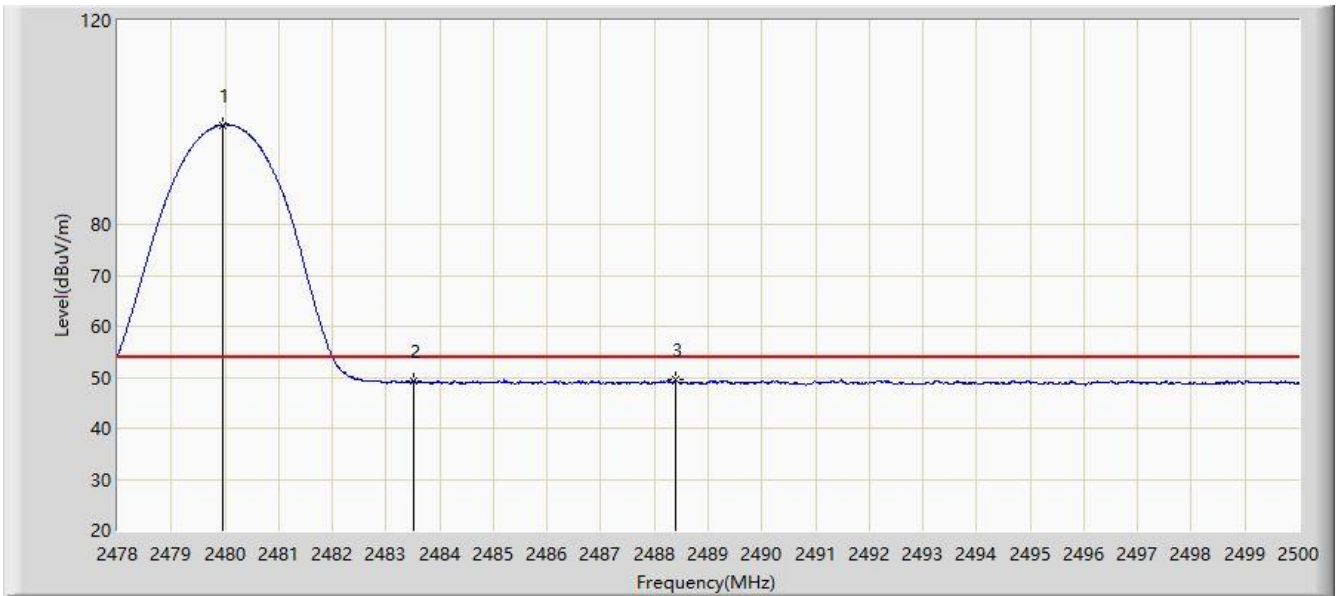


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.969	99.828	67.642	N/A	N/A	32.186	PK
2			2483.500	60.483	28.288	-13.517	74.000	32.195	PK
3			2487.097	62.261	30.056	-11.739	74.000	32.205	PK

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

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

Site: SIP-AC2	Time: 2021/06/01 - 14:17
Limit: FCC_Part15.209_RE(3m)	Engineer: Yien Qian
Probe: SIP-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Lenovo Smart Wireless Earbuds	Power: By Battery
Note: Transmit by DH5 at Channel 2480MHz, Right Earbud	

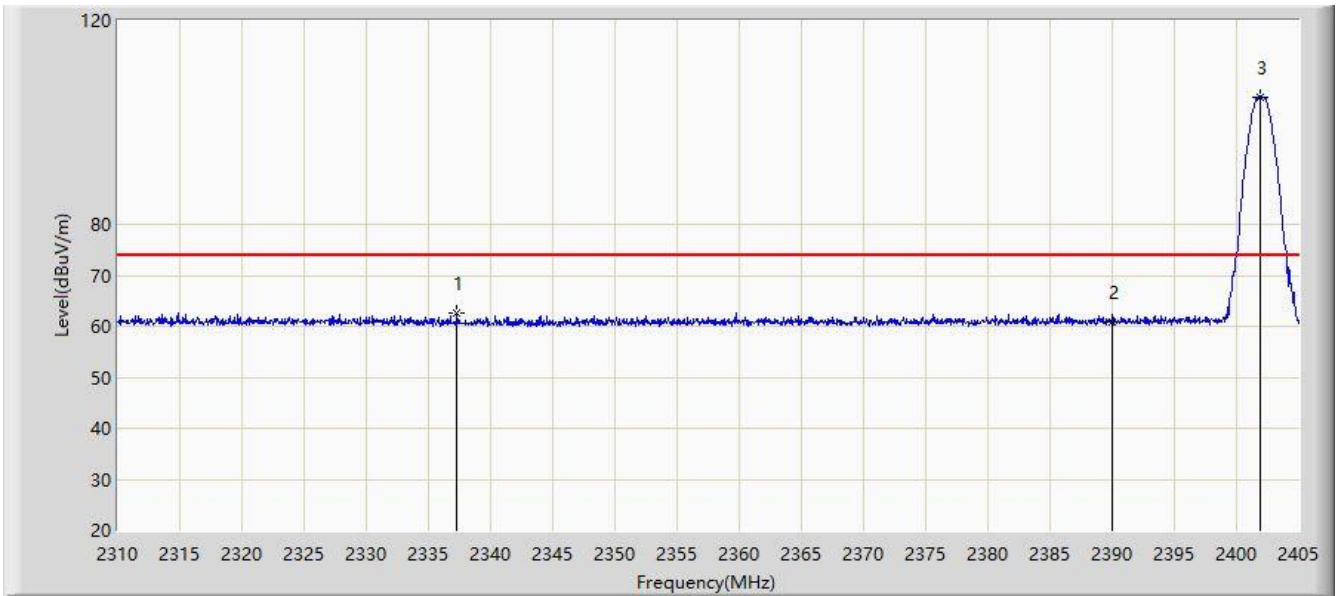


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.969	99.553	67.367	N/A	N/A	32.186	AV
2			2483.500	49.256	17.061	-4.744	54.000	32.195	AV
3			2488.395	49.523	17.315	-4.477	54.000	32.208	AV

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

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

Site: SIP-AC2	Time: 2021/06/01 - 14:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Yien Qian
Probe: SIP-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Lenovo Smart Wireless Earbuds	Power: By Battery
Note: Transmit by 2DH5 at Channel 2402MHz, Right Earbud	

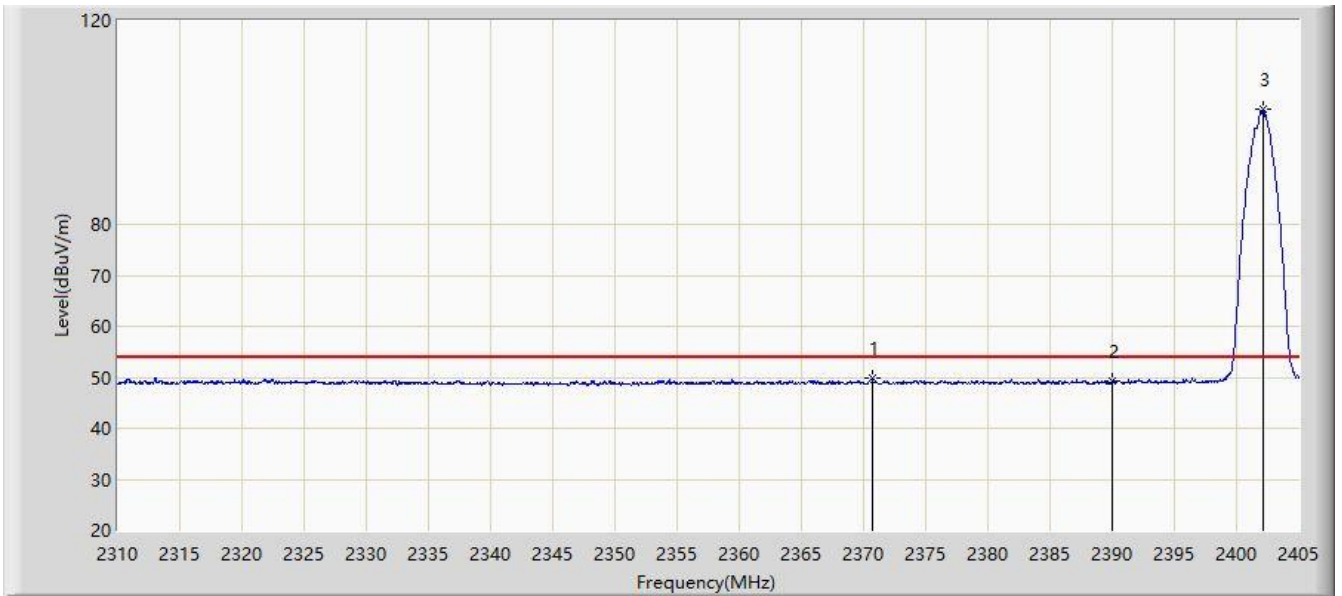


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2337.312	62.748	30.272	-11.252	74.000	32.475	PK
2			2390.000	60.971	28.567	-13.029	74.000	32.404	PK
3		*	2401.865	105.064	72.698	N/A	N/A	32.366	PK

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

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

Site: SIP-AC2	Time: 2021/06/01 - 14:22
Limit: FCC_Part15.209_RE(3m)	Engineer: Yien Qian
Probe: SIP-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Lenovo Smart Wireless Earbuds	Power: By Battery
Note: Transmit by 2DH5 at Channel 2402MHz, Right Earbud	

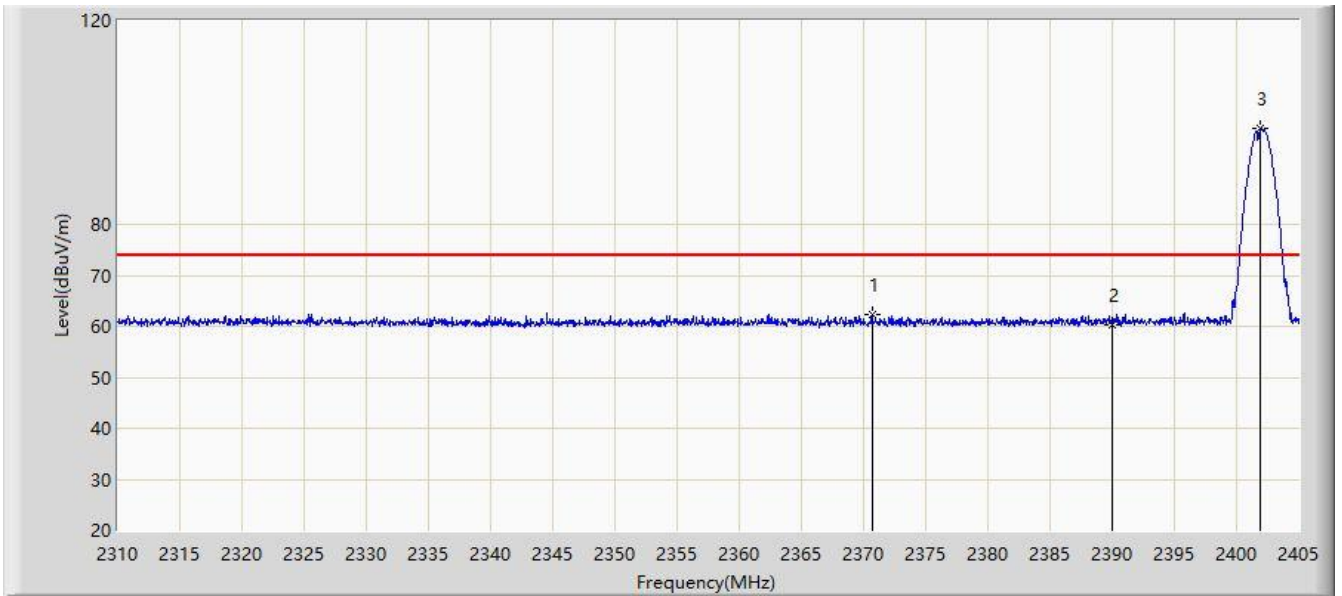


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2370.705	49.777	17.278	-4.223	54.000	32.500	AV
2			2390.000	49.239	16.835	-4.761	54.000	32.404	AV
3		*	2402.103	102.556	70.190	N/A	N/A	32.365	AV

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

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

Site: SIP-AC2	Time: 2021/06/01 - 14:23
Limit: FCC_Part15.209_RE(3m)	Engineer: Yien Qian
Probe: SIP-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Lenovo Smart Wireless Earbuds	Power: By Battery
Note: Transmit by 2DH5 at Channel 2402MHz, Right Earbud	

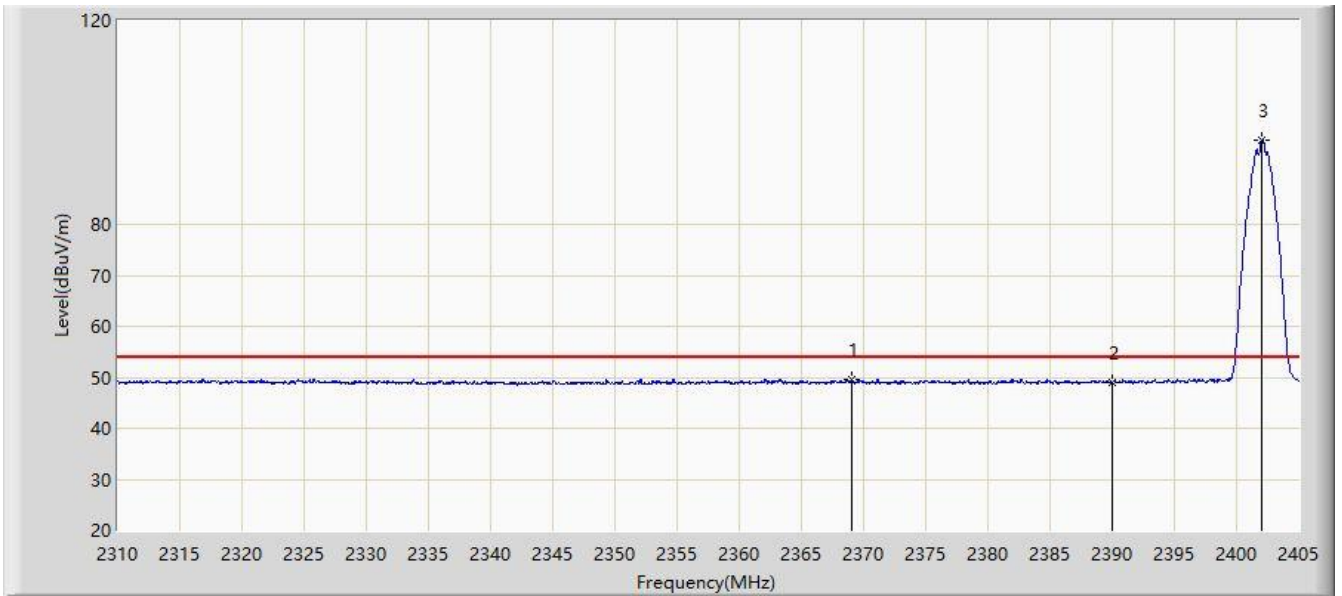


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2370.705	62.205	29.706	-11.795	74.000	32.500	PK
2			2390.000	60.417	28.013	-13.583	74.000	32.404	PK
3		*	2401.960	98.736	66.370	N/A	N/A	32.366	PK

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

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

Site: SIP-AC2	Time: 2021/06/01 - 14:27
Limit: FCC_Part15.209_RE(3m)	Engineer: Yien Qian
Probe: SIP-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Lenovo Smart Wireless Earbuds	Power: By Battery
Note: Transmit by 2DH5 at Channel 2402MHz, Right Earbud	

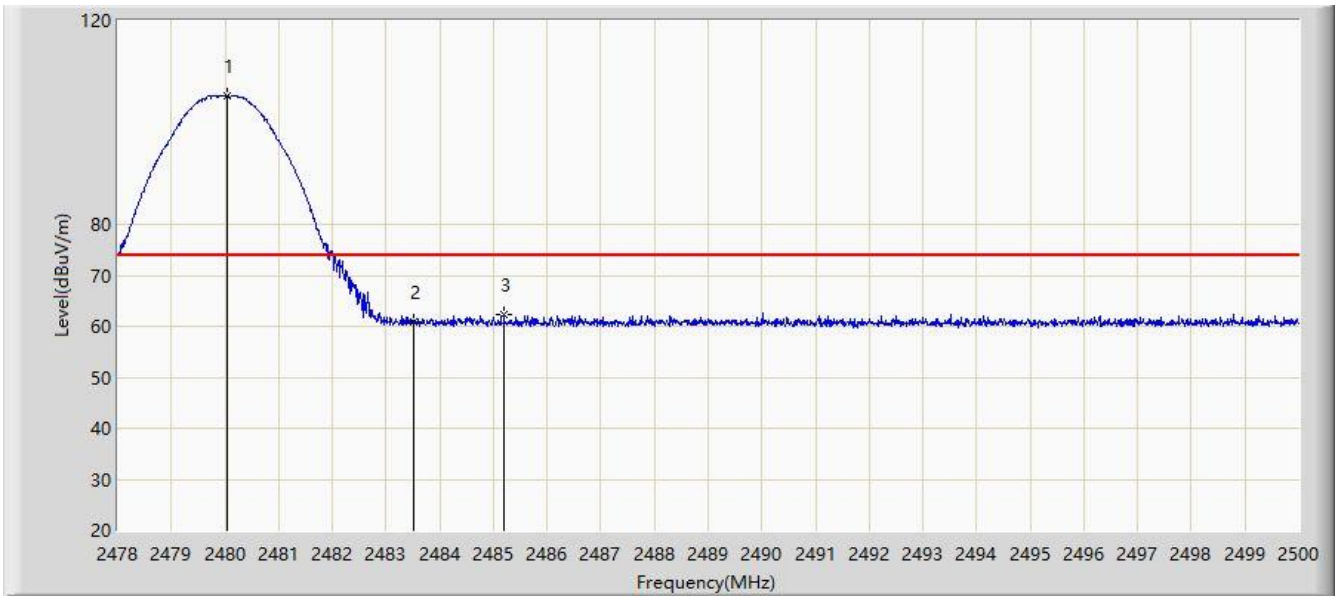


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2369.042	49.523	17.021	-4.477	54.000	32.502	AV
2			2390.000	49.026	16.622	-4.974	54.000	32.404	AV
3		*	2402.055	96.588	64.222	N/A	N/A	32.365	AV

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

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

Site: SIP-AC2	Time: 2021/06/01 - 14:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Yien Qian
Probe: SIP-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Lenovo Smart Wireless Earbuds	Power: By Battery
Note: Transmit by 2DH5 at Channel 2480MHz, Right Earbud	

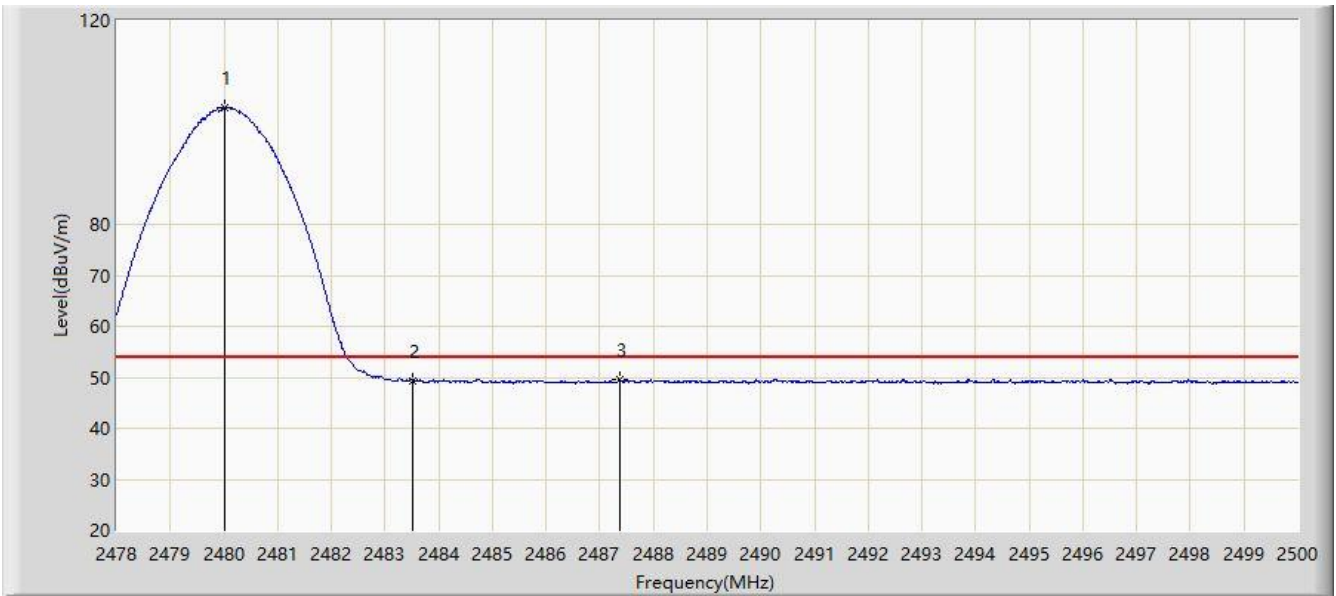


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.046	105.338	73.152	N/A	N/A	32.186	PK
2			2483.500	60.797	28.602	-13.203	74.000	32.195	PK
3			2485.194	62.191	29.991	-11.809	74.000	32.200	PK

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

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

Site: SIP-AC2	Time: 2021/06/01 - 14:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Yien Qian
Probe: SIP-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Lenovo Smart Wireless Earbuds	Power: By Battery
Note: Transmit by 2DH5 at Channel 2480MHz, Right Earbud	

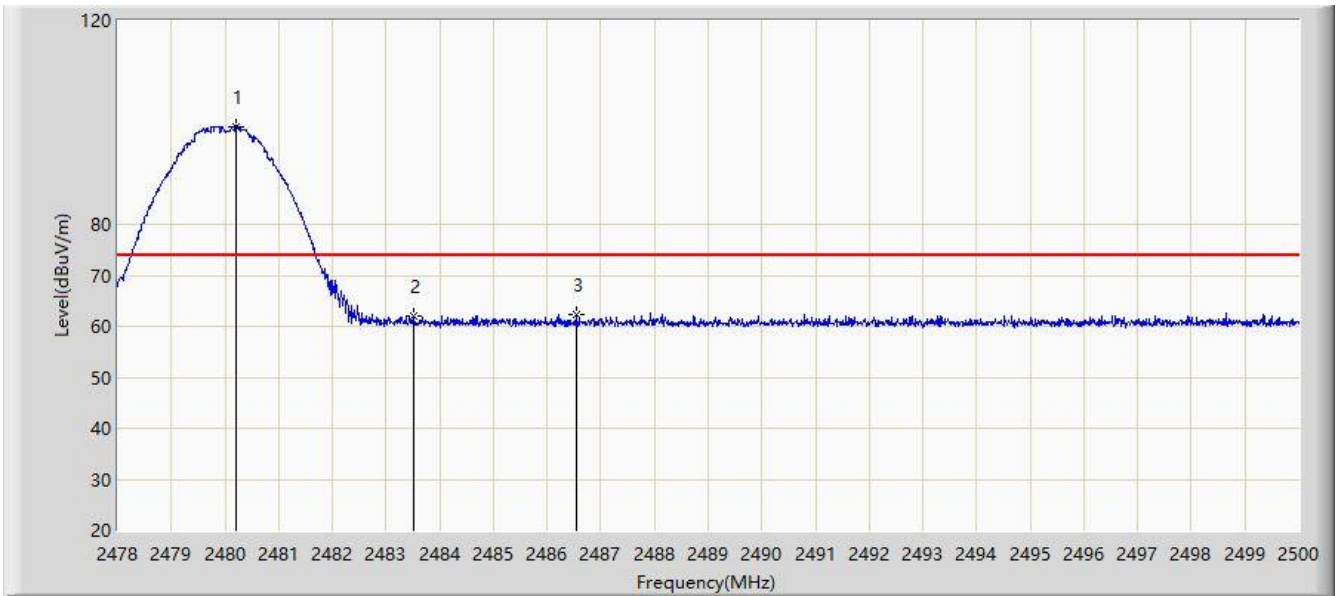


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.002	102.801	70.615	N/A	N/A	32.186	AV
2			2483.500	49.386	17.191	-4.614	54.000	32.195	AV
3			2487.372	49.672	17.466	-4.328	54.000	32.206	AV

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

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

Site: SIP-AC2	Time: 2021/06/01 - 14:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Yien Qian
Probe: SIP-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Lenovo Smart Wireless Earbuds	Power: By Battery
Note: Transmit by 2DH5 at Channel 2480MHz, Right Earbud	

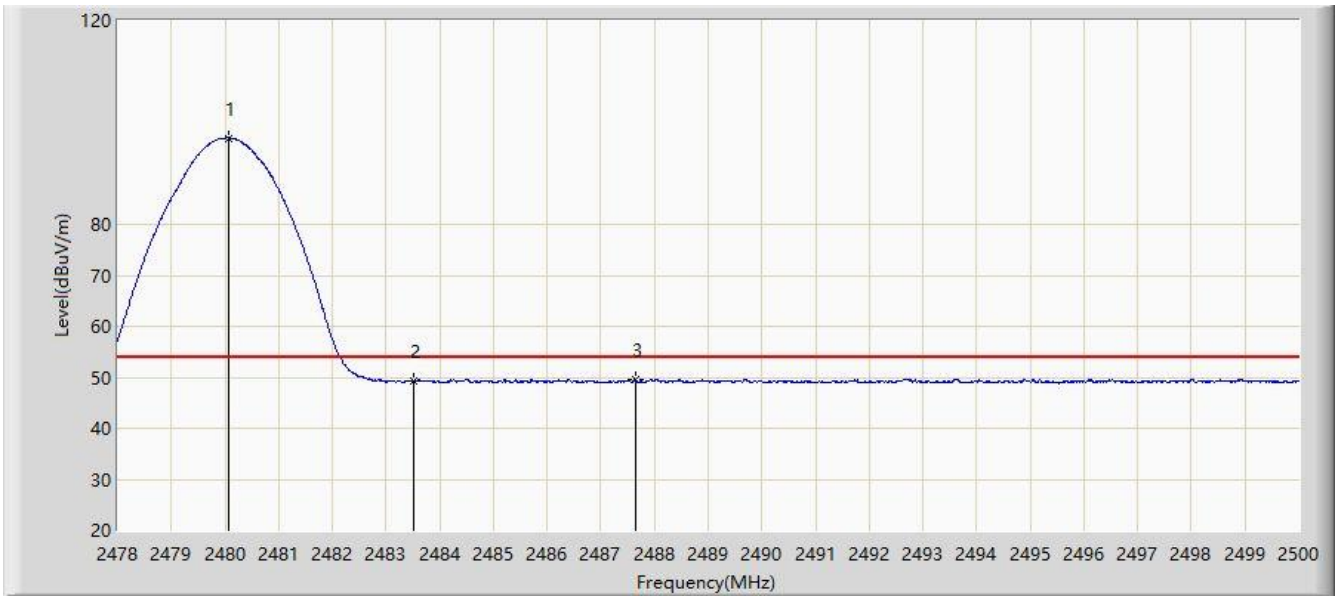


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.211	99.219	67.033	N/A	N/A	32.186	PK
2			2483.500	62.166	29.971	-11.834	74.000	32.195	PK
3			2486.547	62.406	30.203	-11.594	74.000	32.204	PK

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

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

Site: SIP-AC2	Time: 2021/06/01 - 14:36
Limit: FCC_Part15.209_RE(3m)	Engineer: Yien Qian
Probe: SIP-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Lenovo Smart Wireless Earbuds	Power: By Battery
Note: Transmit by 2DH5 at Channel 2480MHz, Right Earbud	

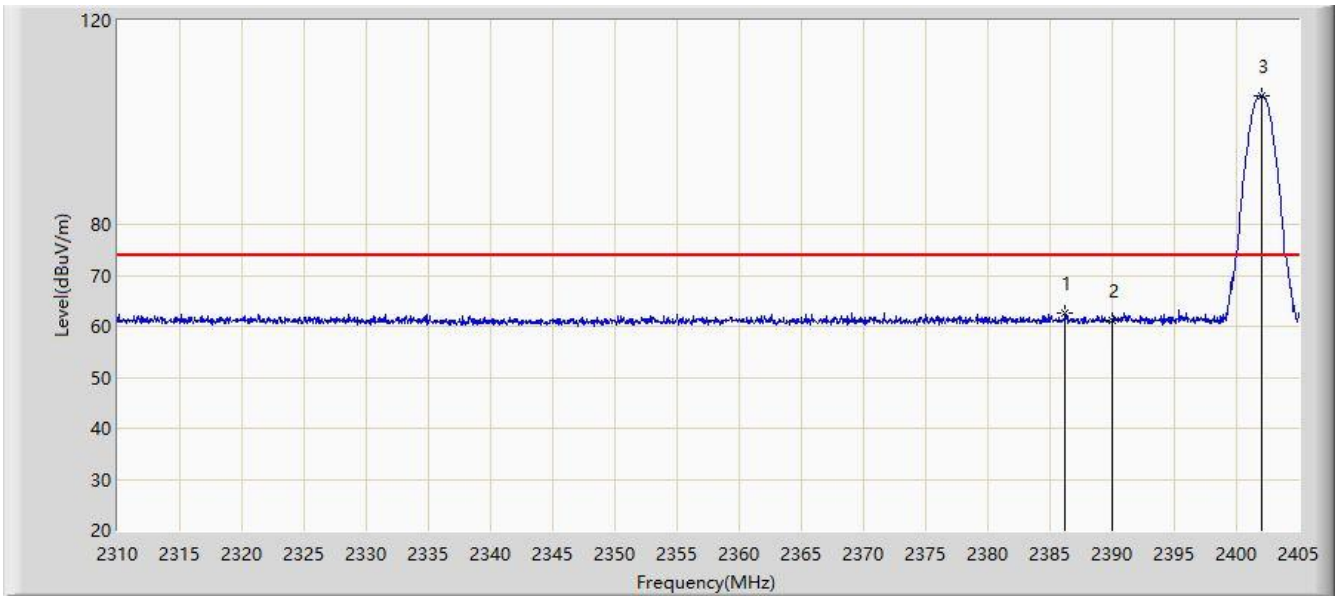


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.079	96.954	64.768	N/A	N/A	32.186	AV
2			2483.500	49.189	16.994	-4.811	54.000	32.195	AV
3			2487.636	49.498	17.292	-4.502	54.000	32.206	AV

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

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

Site: SIP-AC2	Time: 2021/06/01 - 14:38
Limit: FCC_Part15.209_RE(3m)	Engineer: Yien Qian
Probe: SIP-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Lenovo Smart Wireless Earbuds	Power: By Battery
Note: Transmit by 3DH5 at Channel 2402MHz, Right Earbud	

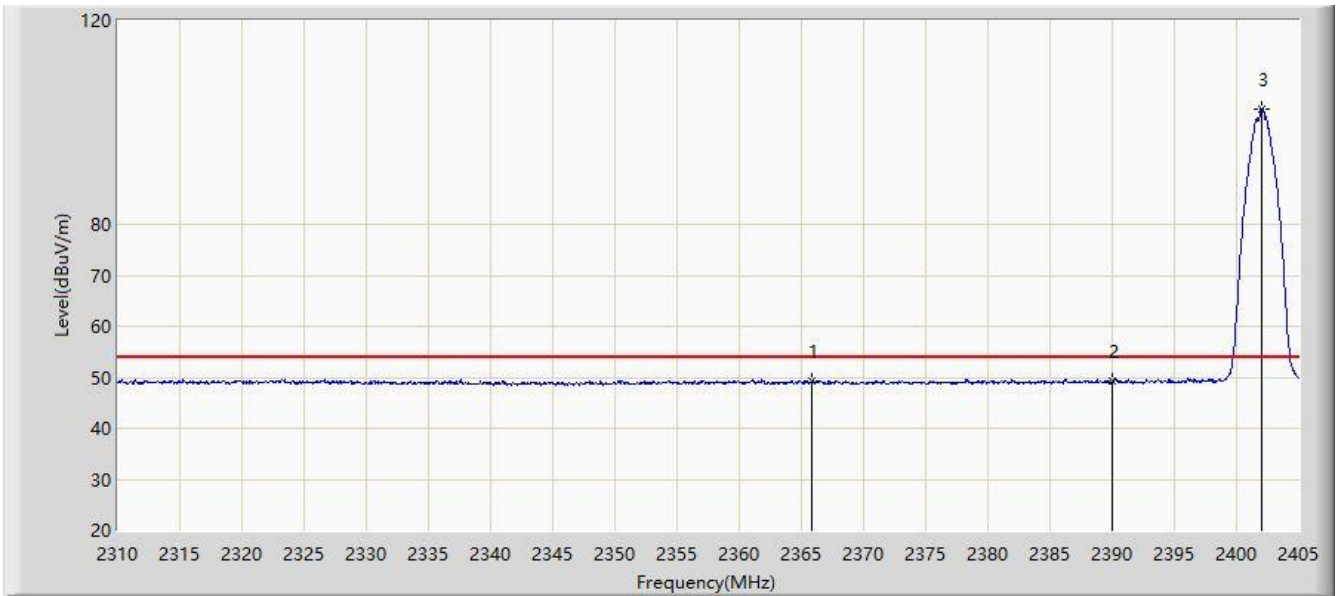


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2386.238	62.599	30.170	-11.401	74.000	32.429	PK
2			2390.000	61.230	28.826	-12.770	74.000	32.404	PK
3		*	2402.008	105.147	72.781	N/A	N/A	32.366	PK

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

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

Site: SIP-AC2	Time: 2021/06/01 - 14:41
Limit: FCC_Part15.209_RE(3m)	Engineer: Yien Qian
Probe: SIP-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Lenovo Smart Wireless Earbuds	Power: By Battery
Note: Transmit by 3DH5 at Channel 2402MHz, Right Earbud	

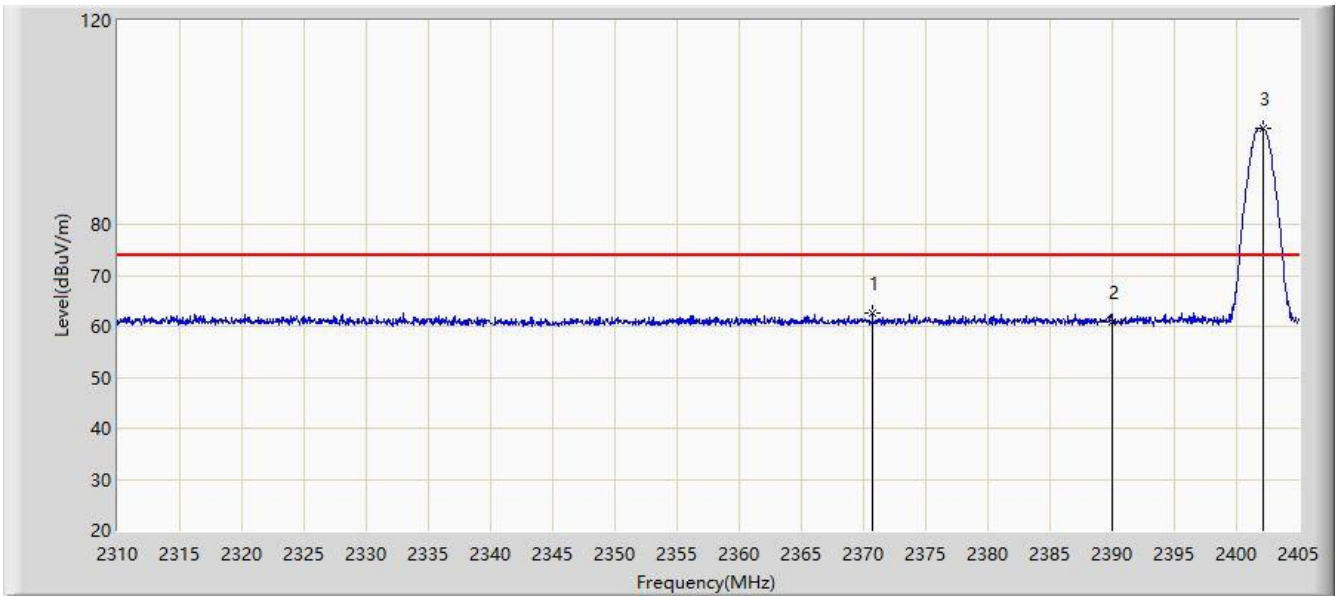


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2365.812	49.387	16.881	-4.613	54.000	32.506	AV
2			2390.000	49.240	16.836	-4.760	54.000	32.404	AV
3		*	2402.008	102.579	70.213	N/A	N/A	32.366	AV

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

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

Site: SIP-AC2	Time: 2021/06/01 - 14:46
Limit: FCC_Part15.209_RE(3m)	Engineer: Yien Qian
Probe: SIP-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Lenovo Smart Wireless Earbuds	Power: By Battery
Note: Transmit by 3DH5 at Channel 2402MHz, Right Earbud	

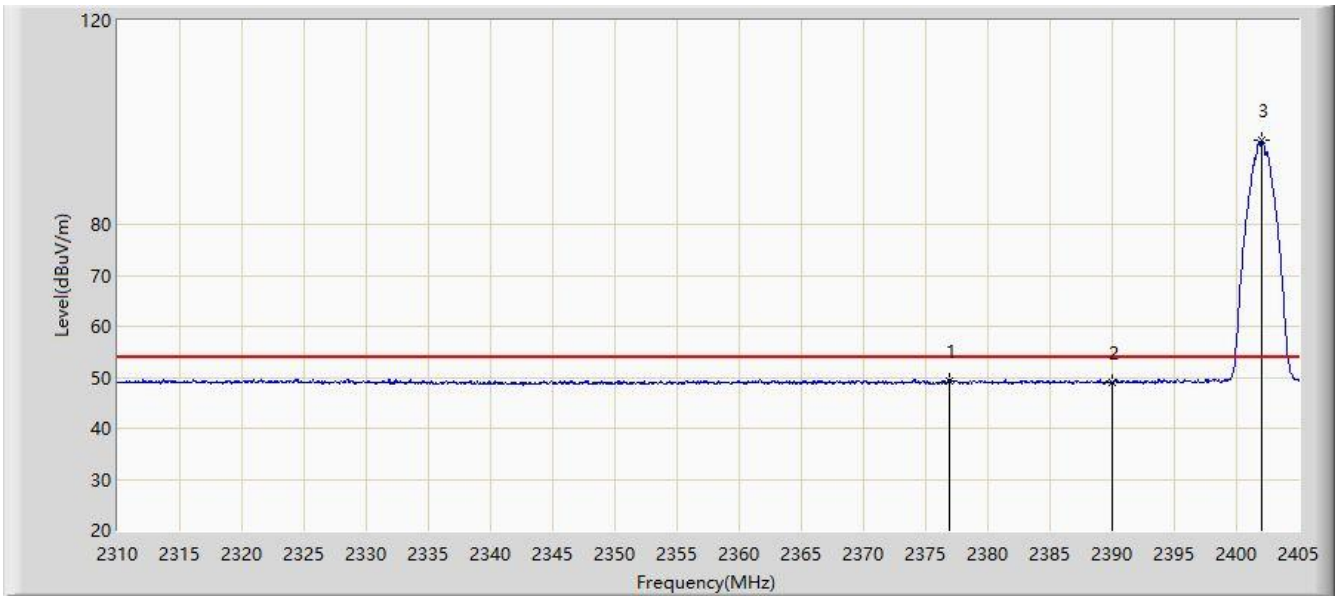


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2370.705	62.679	30.180	-11.321	74.000	32.500	PK
2			2390.000	60.826	28.422	-13.174	74.000	32.404	PK
3		*	2402.150	98.788	66.422	N/A	N/A	32.365	PK

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

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

Site: SIP-AC2	Time: 2021/06/01 - 14:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Yien Qian
Probe: SIP-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Lenovo Smart Wireless Earbuds	Power: By Battery
Note: Transmit by 3DH5 at Channel 2402MHz, Right Earbud	

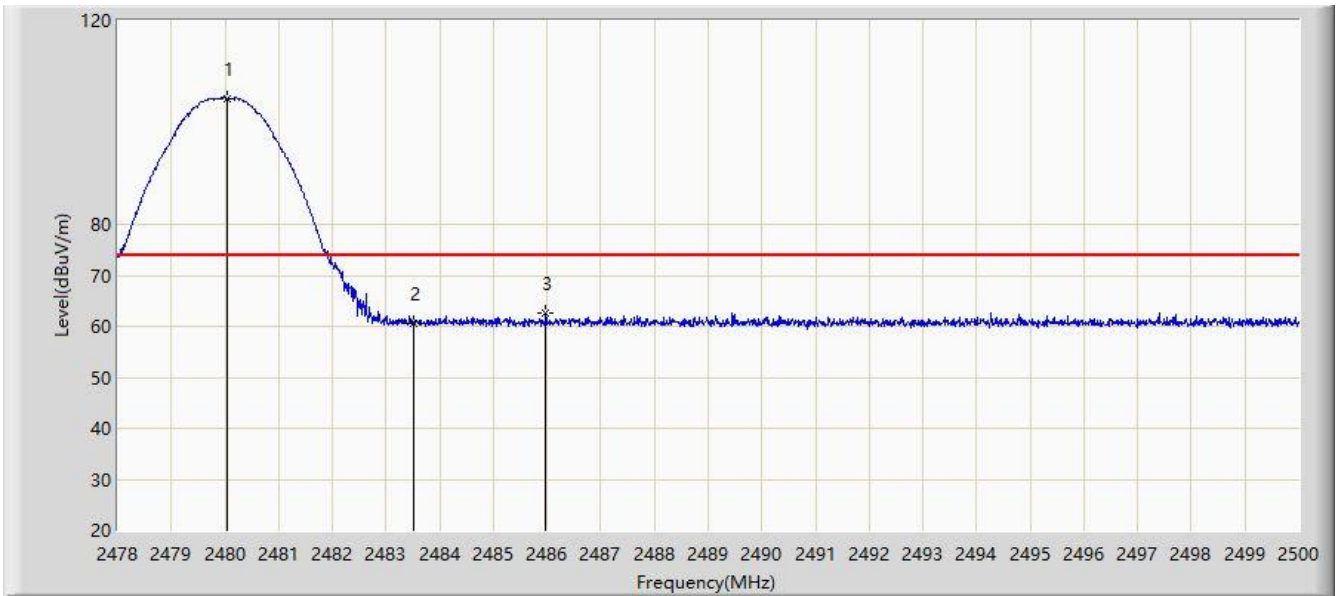


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2376.880	49.377	16.887	-4.623	54.000	32.490	AV
2			2390.000	48.927	16.523	-5.073	54.000	32.404	AV
3		*	2402.008	96.559	64.193	N/A	N/A	32.366	AV

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

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

Site: SIP-AC2	Time: 2021/06/01 - 14:51
Limit: FCC_Part15.209_RE(3m)	Engineer: Yien Qian
Probe: SIP-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Lenovo Smart Wireless Earbuds	Power: By Battery
Note: Transmit by 3DH5 at Channel 2480MHz, Right Earbud	

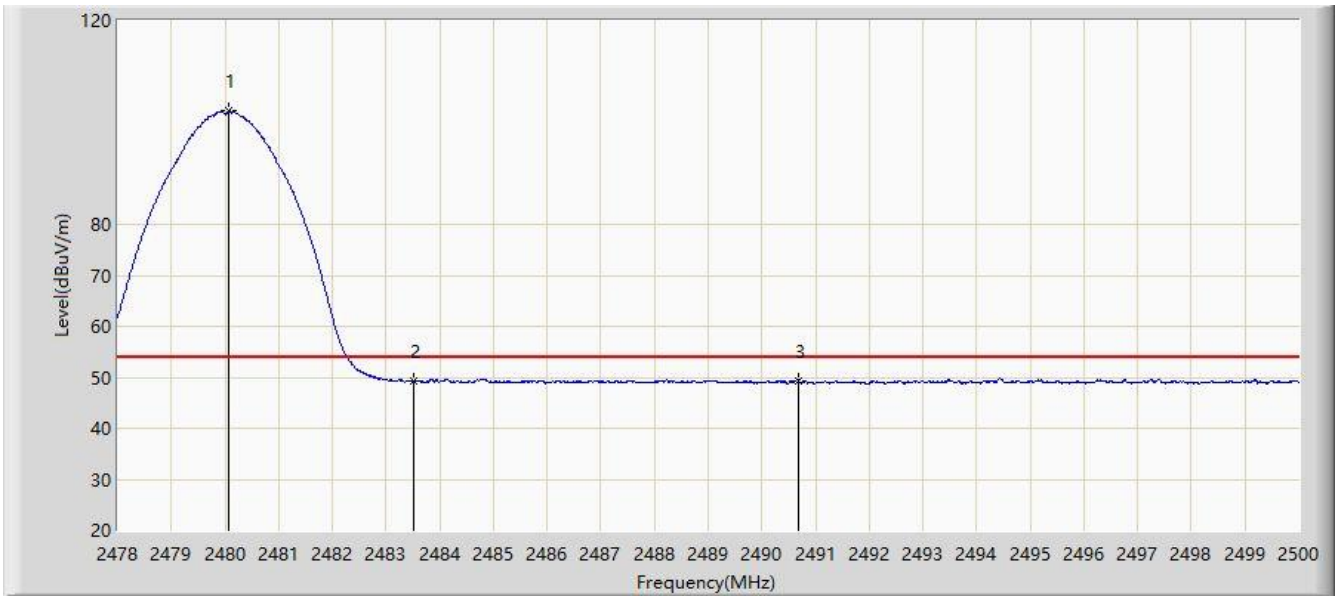


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.046	104.714	72.528	N/A	N/A	32.186	PK
2			2483.500	60.678	28.483	-13.322	74.000	32.195	PK
3			2485.975	62.470	30.268	-11.530	74.000	32.201	PK

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

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

Site: SIP-AC2	Time: 2021/06/01 - 14:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Yien Qian
Probe: SIP-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Lenovo Smart Wireless Earbuds	Power: By Battery
Note: Transmit by 3DH5 at Channel 2480MHz, Right Earbud	

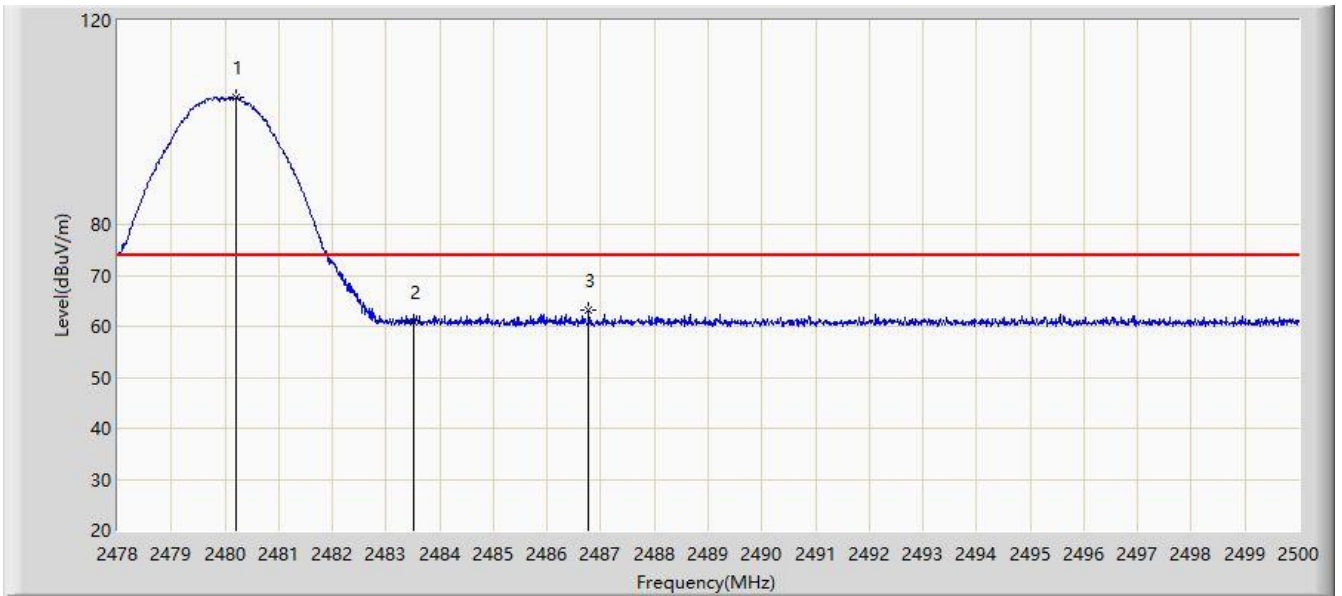


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.079	102.175	69.989	N/A	N/A	32.186	AV
2			2483.500	49.343	17.148	-4.657	54.000	32.195	AV
3			2490.683	49.409	17.194	-4.591	54.000	32.215	AV

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

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

Site: SIP-AC2	Time: 2021/06/01 - 14:55
Limit: FCC_Part15.209_RE(3m)	Engineer: Yien Qian
Probe: SIP-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Lenovo Smart Wireless Earbuds	Power: By Battery
Note: Transmit by 3DH5 at Channel 2480MHz, Right Earbud	

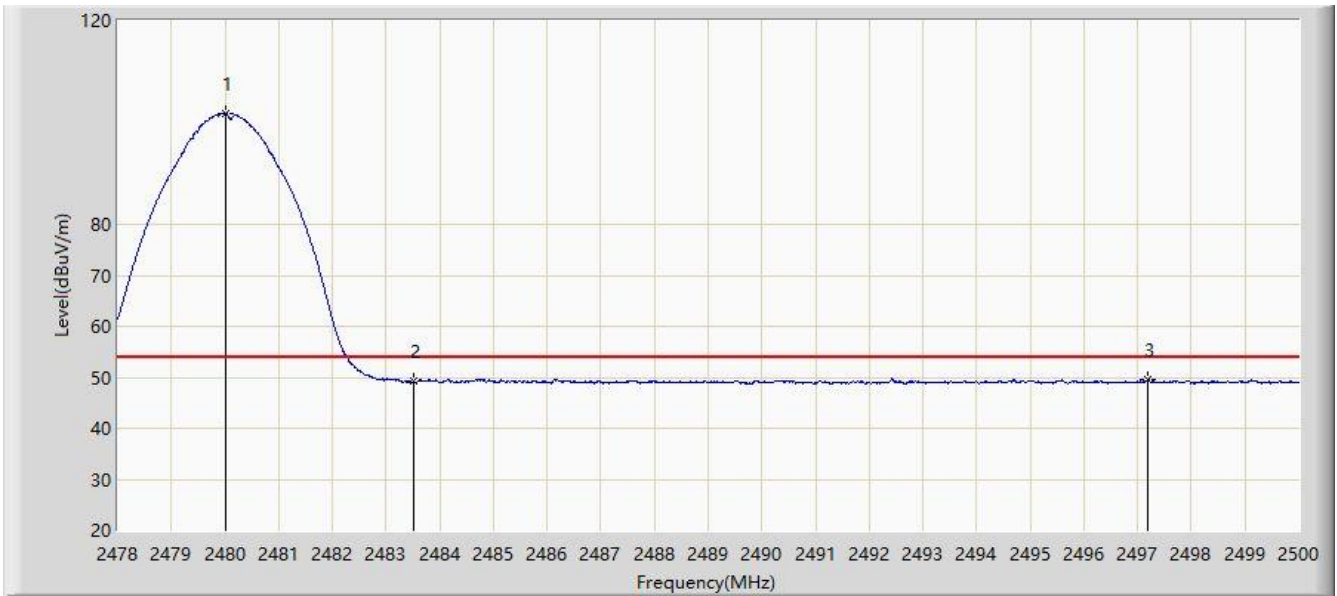


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.200	104.964	72.778	N/A	N/A	32.186	PK
2			2483.500	60.924	28.729	-13.076	74.000	32.195	PK
3			2486.778	63.255	31.051	-10.745	74.000	32.204	PK

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

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

Site: SIP-AC2	Time: 2021/06/01 - 14:59
Limit: FCC_Part15.209_RE(3m)	Engineer: Yien Qian
Probe: SIP-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Lenovo Smart Wireless Earbuds	Power: By Battery
Note: Transmit by 3DH5 at Channel 2480MHz, Right Earbud	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.002	101.843	69.657	N/A	N/A	32.186	AV
2			2483.500	49.159	16.964	-4.841	54.000	32.195	AV
3			2497.195	49.680	17.448	-4.320	54.000	32.231	AV

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

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

6.11. AC Conducted Emissions Measurement

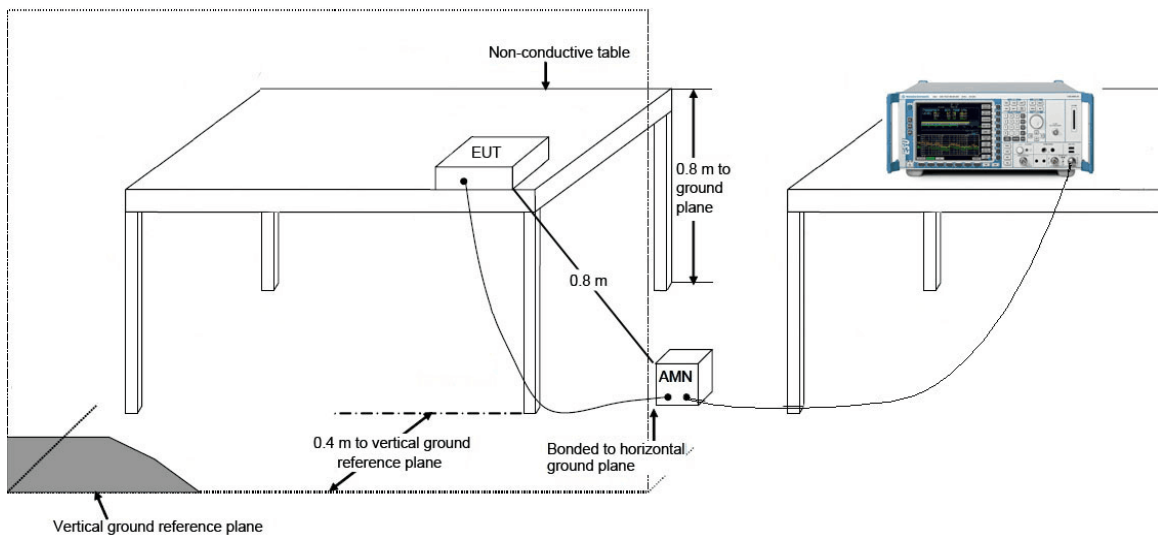
6.11.1. Test Limit

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.

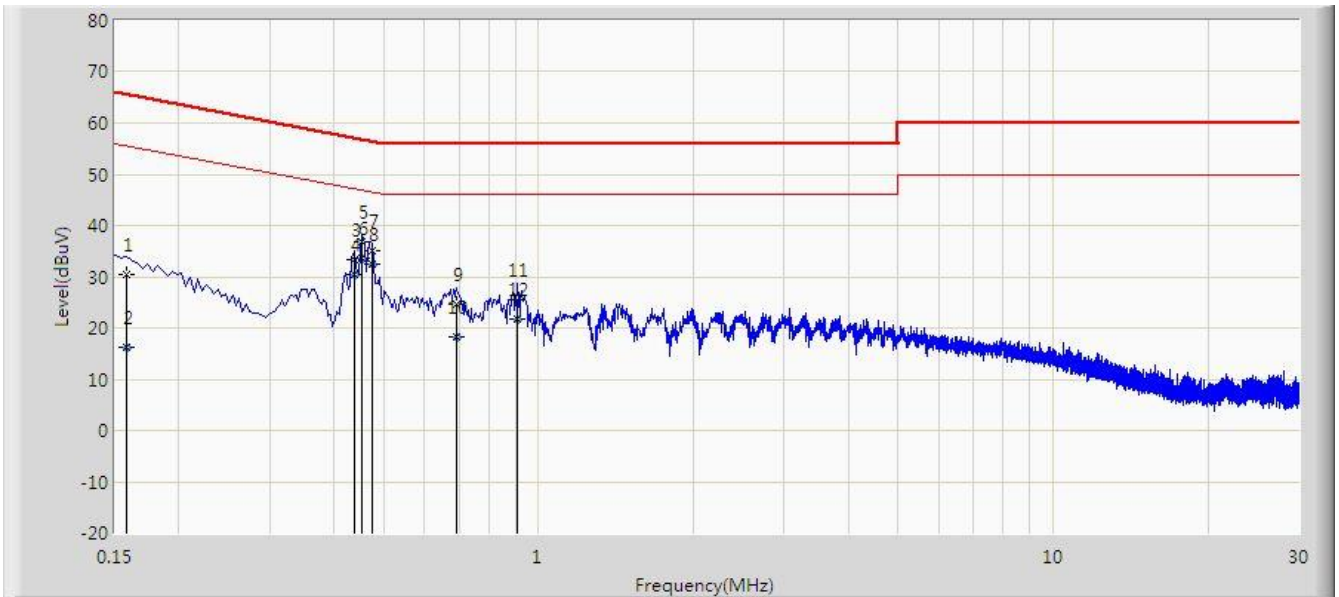
Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

6.11.2. Test Setup



6.11.3. Test Result

Site: SIP-SR2	Test Date: 2021/06/03
Limit: FCC_Part15.107_CE_AC Power	Engineer: Rupert Wang
Probe: SIP-SR2-ENV216_101684_With Connector	Polarity: Line
EUT: Lenovo Smart Wireless Earbuds	Power: AC 120V/60Hz
Test Mode 1	

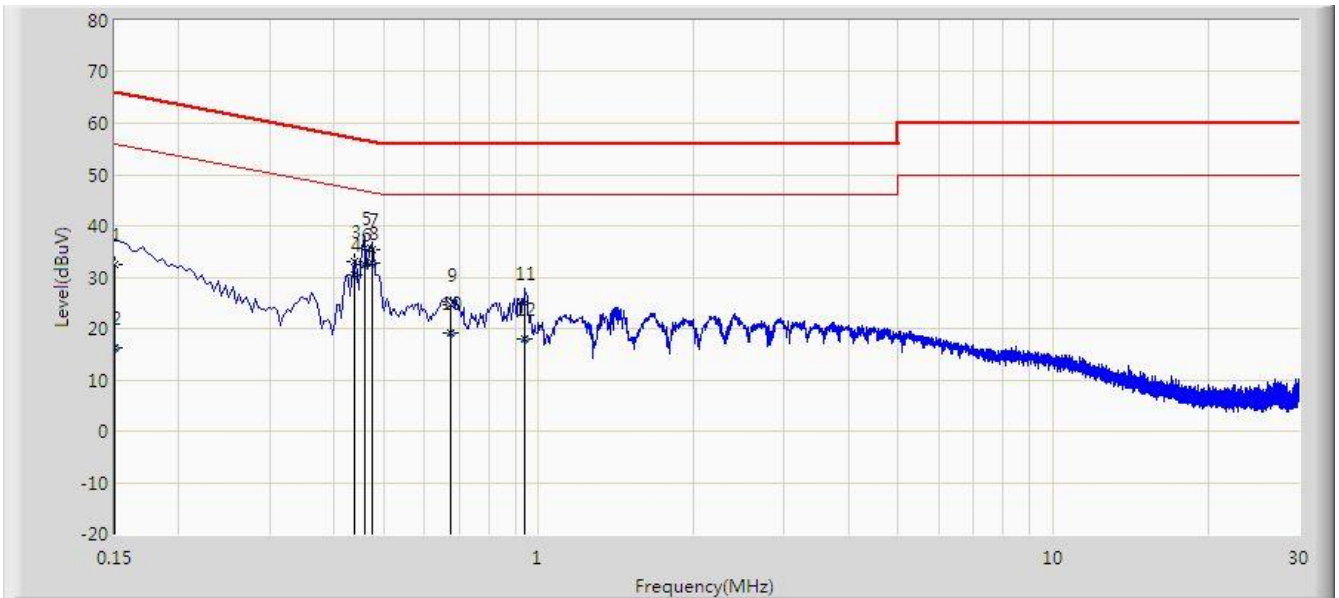


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V)	Factor (dB)	Type
1			0.158	30.549	21.097	-35.019	65.568	9.452	QP
2			0.158	16.265	6.813	-39.303	55.568	9.452	AV
3			0.438	33.352	23.797	-23.747	57.100	9.556	QP
4			0.438	30.301	20.745	-16.799	47.100	9.556	AV
5			0.454	36.886	27.329	-19.916	56.802	9.557	QP
6		*	0.454	33.766	24.209	-13.036	46.802	9.557	AV
7			0.474	35.191	25.633	-21.253	56.444	9.558	QP
8			0.474	32.547	22.989	-13.897	46.444	9.558	AV
9			0.694	24.556	14.996	-31.444	56.000	9.560	QP
10			0.694	18.188	8.628	-27.812	46.000	9.560	AV
11			0.910	25.408	15.858	-30.592	56.000	9.550	QP
12			0.910	21.704	12.154	-24.296	46.000	9.550	AV

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

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

Site: SIP-SR2	Test Date: 2021/06/03
Limit: FCC_Part15.107_CE_AC Power	Engineer: Rupert Wang
Probe: SIP-SR2-ENV216_101684_With Connector	Polarity: Neutral
EUT: Lenovo Smart Wireless Earbuds	Power: AC 120V/60Hz
Test Mode 1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV)	Factor (dB)	Type
1			0.150	32.322	22.890	-33.678	66.000	9.431	QP
2			0.150	16.127	6.696	-39.873	56.000	9.431	AV
3			0.438	33.073	23.538	-24.026	57.100	9.536	QP
4			0.438	30.478	20.943	-16.621	47.100	9.536	AV
5			0.458	35.754	26.217	-20.974	56.729	9.537	QP
6			0.458	32.426	22.889	-14.303	46.729	9.537	AV
7			0.474	35.299	25.761	-21.145	56.444	9.538	QP
8		*	0.474	32.681	23.143	-13.763	46.444	9.538	AV
9			0.674	24.604	15.064	-31.396	56.000	9.540	QP
10			0.674	19.067	9.527	-26.933	46.000	9.540	AV
11			0.942	24.940	15.410	-31.060	56.000	9.530	QP
12			0.942	18.032	8.502	-27.968	46.000	9.530	AV

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

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

7. CONCLUSION

The data collected relate only the item(s) tested and show that the device is compliance with Part 15C of the FCC rules.

Appendix A - Test Setup Photograph

Refer to "2105RSU058-UT" file.

Appendix B - EUT Photograph

Refer to "2105RSU058-UE" file.