A.9 Radiated Spurious Emission Test Result

Test Site	WJ-AC2	Test Engineer	Carl Jiang
Test Date	2024-09-27	Test Mode	DH5
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.		

Test Channel	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
00	8236.9	40.0	5.8	45.8	74.0	-28.2	Peak	Horizontal
	11495.8	42.6	5.3	47.9	74.0	-26.1	Peak	Horizontal
	11813.7	43.3	4.8	48.1	74.0	-25.9	Peak	Horizontal
	8277.7	40.1	5.7	45.8	74.0	-28.2	Peak	Vertical
	11126.9	43.8	5.2	49.0	74.0	-25.0	Peak	Vertical
	11973.5	42.0	5.2	47.2	74.0	-26.8	Peak	Vertical
39	8349.1	40.4	5.8	46.2	74.0	-27.8	Peak	Horizontal
	11526.4	43.2	5.1	48.3	74.0	-25.7	Peak	Horizontal
	12175.8	43.3	5.1	48.4	74.0	-25.6	Peak	Horizontal
	8359.3	40.2	5.9	46.1	74.0	-27.9	Peak	Vertical
	11470.3	42.5	5.4	47.9	74.0	-26.1	Peak	Vertical
	11839.2	43.3	4.9	48.2	74.0	-25.8	Peak	Vertical
78	8473.2	40.6	6.0	46.6	74.0	-27.4	Peak	Horizontal
	11516.2	42.0	5.2	47.2	74.0	-26.8	Peak	Horizontal
	12129.9	42.9	5.0	47.9	74.0	-26.1	Peak	Horizontal
	8274.3	39.9	5.7	45.6	74.0	-28.4	Peak	Vertical
	11431.2	42.6	5.4	48.0	74.0	-26.0	Peak	Vertical
	12626.3	43.9	5.4	49.3	74.0	-24.7	Peak	Vertical

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

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

Test Site	WJ-AC2	Test Engineer	Carl Jiang
Test Date	2024-09-27	Test Mode	2DH5
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.		

Test Channel	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
00	8361.0	40.1	5.9	46.0	74.0	-28.0	Peak	Horizontal
	11082.7	42.8	5.0	47.8	74.0	-26.2	Peak	Horizontal
	12269.3	43.5	4.8	48.3	74.0	-25.7	Peak	Horizontal
	8444.3	39.9	6.1	46.0	74.0	-28.0	Peak	Vertical
	11048.7	42.0	5.1	47.1	74.0	-26.9	Peak	Vertical
	12296.5	43.2	4.8	48.0	74.0	-26.0	Peak	Vertical
39	8318.5	40.4	5.8	46.2	74.0	-27.8	Peak	Horizontal
	11393.8	42.2	5.5	47.7	74.0	-26.3	Peak	Horizontal
	12350.9	44.2	4.7	48.9	74.0	-25.1	Peak	Horizontal
	8354.2	39.5	5.9	45.4	74.0	-28.6	Peak	Vertical
	11968.4	43.1	5.2	48.3	74.0	-25.7	Peak	Vertical
	12265.9	43.7	4.8	48.5	74.0	-25.5	Peak	Vertical
78	8396.7	39.9	6.0	45.9	74.0	-28.1	Peak	Horizontal
	11249.3	42.9	5.4	48.3	74.0	-25.7	Peak	Horizontal
	12206.4	43.5	4.9	48.4	74.0	-25.6	Peak	Horizontal
	8291.3	40.2	5.8	46.0	74.0	-28.0	Peak	Vertical
	11431.2	42.4	5.4	47.8	74.0	-26.2	Peak	Vertical
	12612.7	43.2	5.4	48.6	74.0	-25.4	Peak	Vertical

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

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

Test Site	WJ-AC2	Test Engineer	Carl Jiang
Test Date	2024-09-27	Test Mode	3DH5
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.		

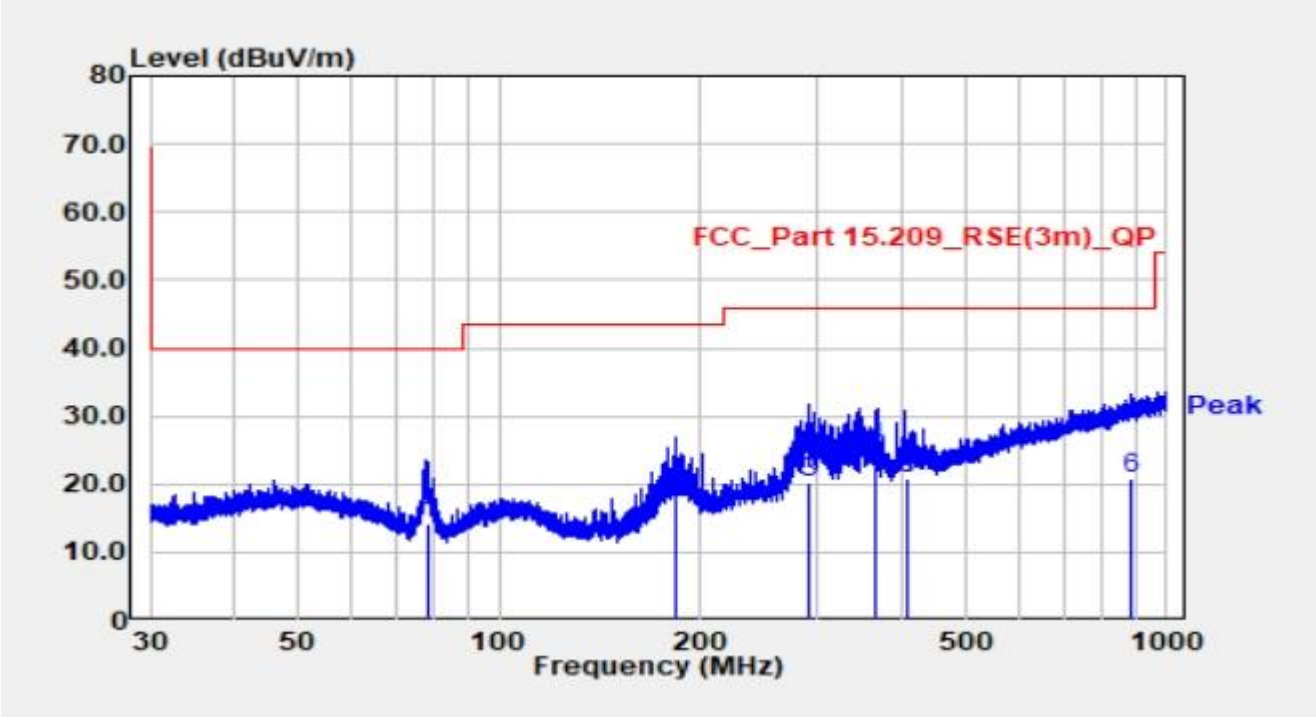
Test Channel	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
00	8366.1	40.4	5.9	46.3	74.0	-27.7	Peak	Horizontal
	11410.8	41.8	5.5	47.3	74.0	-26.7	Peak	Horizontal
	12024.5	43.3	5.1	48.4	74.0	-25.6	Peak	Horizontal
	8099.2	41.3	5.6	46.9	74.0	-27.1	Peak	Vertical
	11477.1	42.2	5.4	47.6	74.0	-26.4	Peak	Vertical
	12276.1	44.1	4.9	49.0	74.0	-25.0	Peak	Vertical
39	8408.6	40.2	5.9	46.1	74.0	-27.9	Peak	Horizontal
	11341.1	42.2	5.5	47.7	74.0	-26.3	Peak	Horizontal
	12519.2	44.1	5.0	49.1	74.0	-24.9	Peak	Horizontal
	8138.3	40.8	5.7	46.5	74.0	-27.5	Peak	Vertical
	11392.1	42.6	5.5	48.1	74.0	-25.9	Peak	Vertical
	12192.8	43.2	5.0	48.2	74.0	-25.8	Peak	Vertical
78	8126.4	39.6	5.6	45.2	74.0	-28.8	Peak	Horizontal
	10824.3	41.8	5.3	47.1	74.0	-26.9	Peak	Horizontal
	11737.2	43.0	4.8	47.8	74.0	-26.2	Peak	Horizontal
	8396.7	39.8	6.0	45.8	74.0	-28.2	Peak	Vertical
	11721.9	43.4	4.8	48.2	74.0	-25.8	Peak	Vertical
	12225.1	44.0	4.8	48.8	74.0	-25.2	Peak	Vertical

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

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

The Result of Radiated Emission below 1GHz:

Site	WJ-AC1	Test Date	2024-09-23
Test Engineer	Simon Lu	Temp./Humidity	19.9°C /65.2%
Factor	AC1 9163-25-1000MHz	Polarity	Vertical
EUT	Bluetooth headset	Test Voltage	By Battery
Test Mode	Transmit by DH5 at 2402MHz		

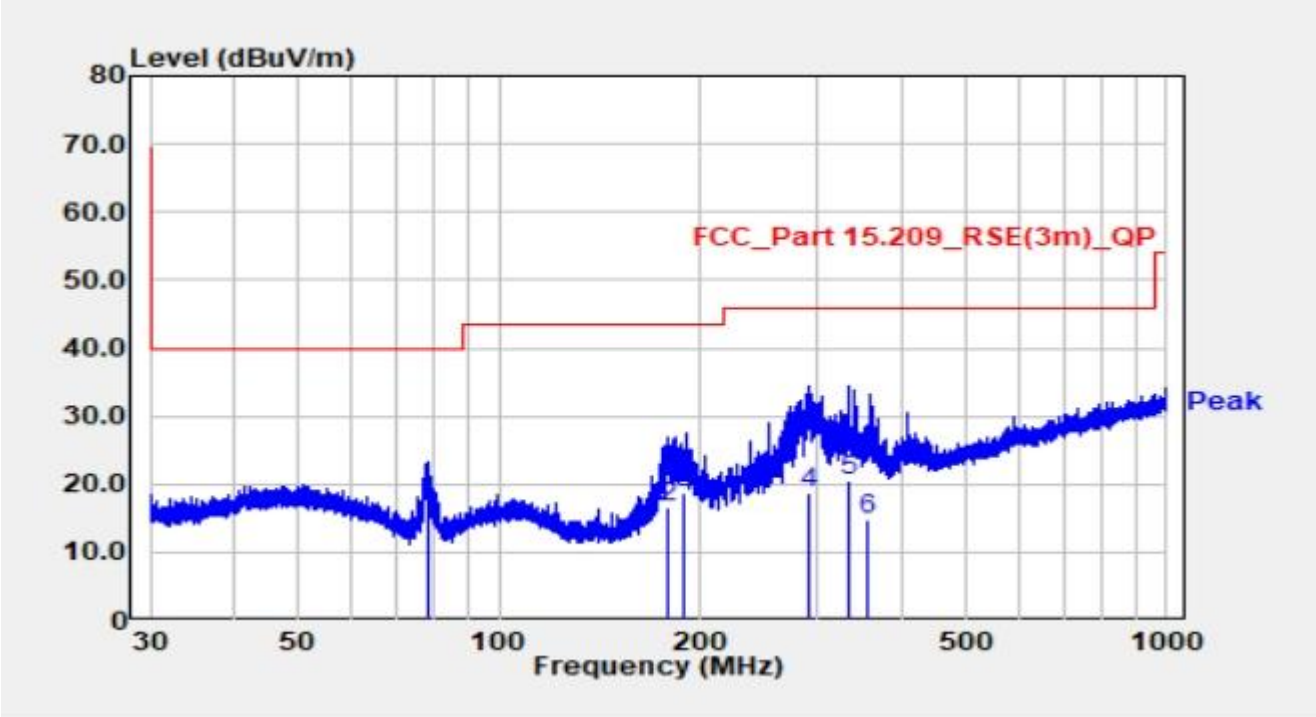


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		78.064	0.60	13.58	14.18	-25.82	40.00	QP
2		183.812	2.20	16.36	18.56	-24.94	43.50	QP
3		292.223	-0.10	20.46	20.36	-25.64	46.00	QP
4	*	367.314	3.10	22.28	25.38	-20.62	46.00	QP
5		407.515	-2.60	23.34	20.74	-25.26	46.00	QP
6		885.744	-9.70	30.65	20.95	-25.05	46.00	QP

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m)+ Cable Loss (dB).
3. Measurement(dBμV/m) = Reading(dBμV) + C.F (dB/m).
4. QP measurement was not performed when peak measure level was lower than the QP limit.
5. 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	WJ-AC1	Test Date	2024-09-23
Test Engineer	Simon Lu	Temp./Humidity	19.9°C /65.2%
Factor	AC1 9163-25-1000MHz	Polarity	Horizontal
EUT	Bluetooth headset	Test Voltage	By Battery
Test Mode	Transmit by DH5 at 2402MHz		



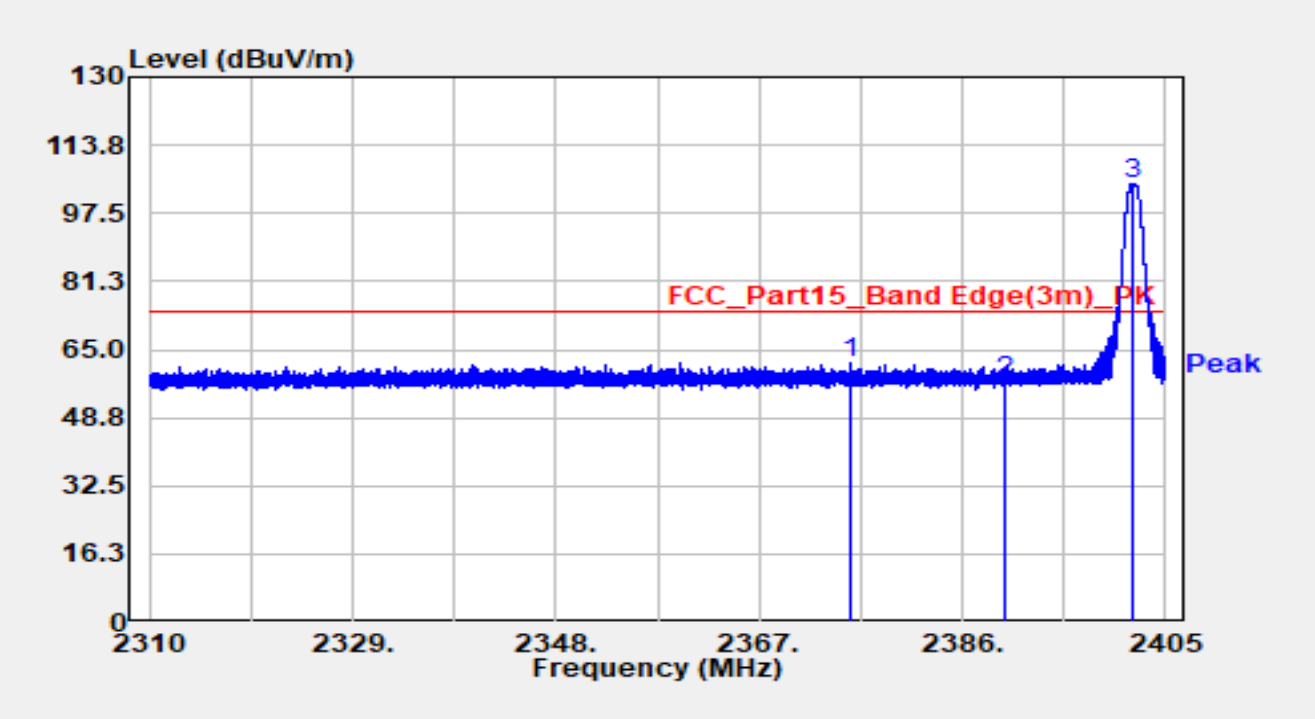
No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1	*	78.182	3.90	13.58	17.48	-22.52	40.00	QP
2		178.758	0.60	15.89	16.49	-27.01	43.50	QP
3		189.836	1.60	17.05	18.65	-24.85	43.50	QP
4		291.279	-1.60	20.44	18.84	-27.16	46.00	QP
5		333.782	-1.10	21.71	20.61	-25.39	46.00	QP
6		357.047	-7.40	22.31	14.91	-31.09	46.00	QP

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m)+ Cable Loss (dB).
3. Measurement(dBµV/m) = Reading(dBµV) + C.F (dB/m).
4. QP measurement was not performed when peak measure level was lower than the QP limit.
5. 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.

A.10 Radiated Restricted Band Edge Test Result

Site	WJ-AC1	Test Date	2024-09-24
Test Engineer	Simon Lu	Temp./Humidity	22.4°C /60.3%
Factor	Horn 3117_1-18GHz	Polarity	Horizontal
EUT	Bluetooth headset	Test Voltage	By Battery
Test Mode	Transmit by DH5 at 2402MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1		2375.493	25.17	36.84	62.01	-11.99	74.00	Peak
2		2390.000	20.75	36.88	57.63	-16.37	74.00	Peak
3	*	2401.827	67.69	36.94	104.63	30.63	74.00	Peak

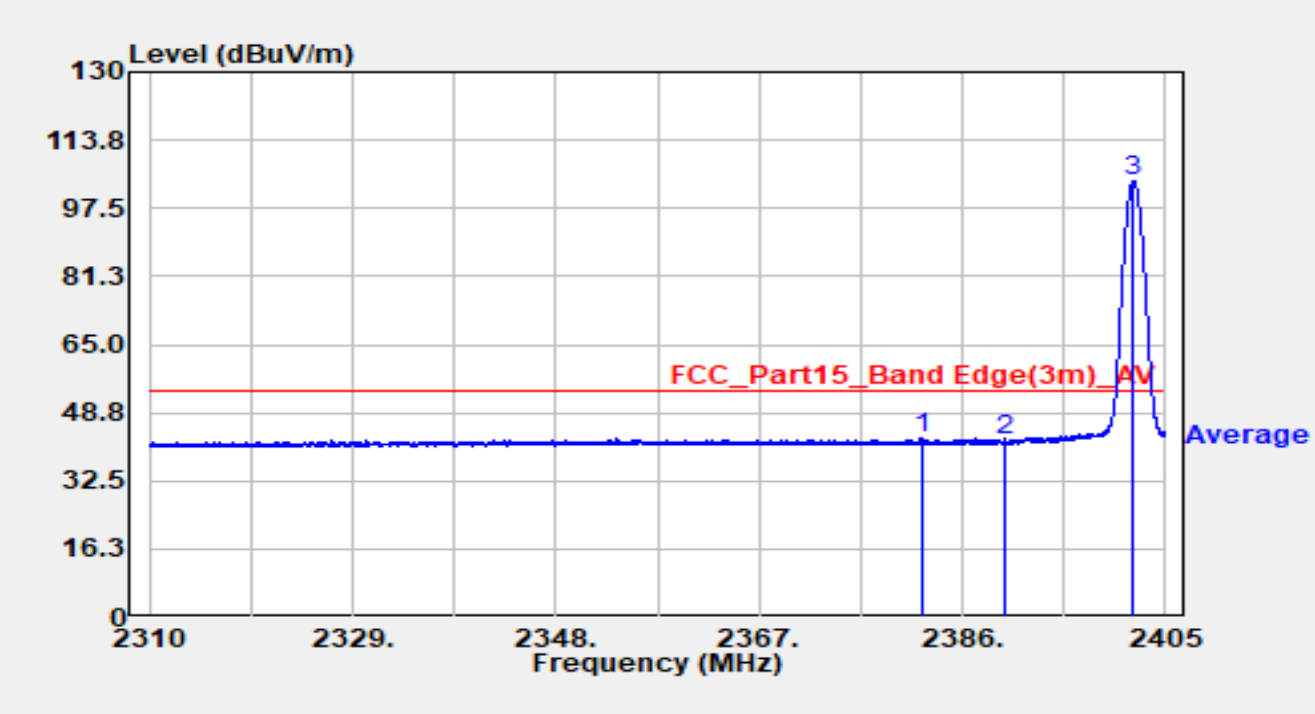
Notes:

1. " *", means this data is the worst emission level.

2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) - AMP (dB).

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WJ-AC1	Test Date	2024-09-24
Test Engineer	Simon Lu	Temp./Humidity	22.4°C /60.3%
Factor	Horn 3117_1-18GHz	Polarity	Horizontal
EUT	Bluetooth headset	Test Voltage	By Battery
Test Mode	Transmit by DH5 at 2402MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1		2382.171	5.80	36.86	42.66	-11.34	54.00	Average
2		2390.000	5.43	36.88	42.32	-11.68	54.00	Average
3	*	2402.017	67.07	36.94	104.01	50.01	54.00	Average

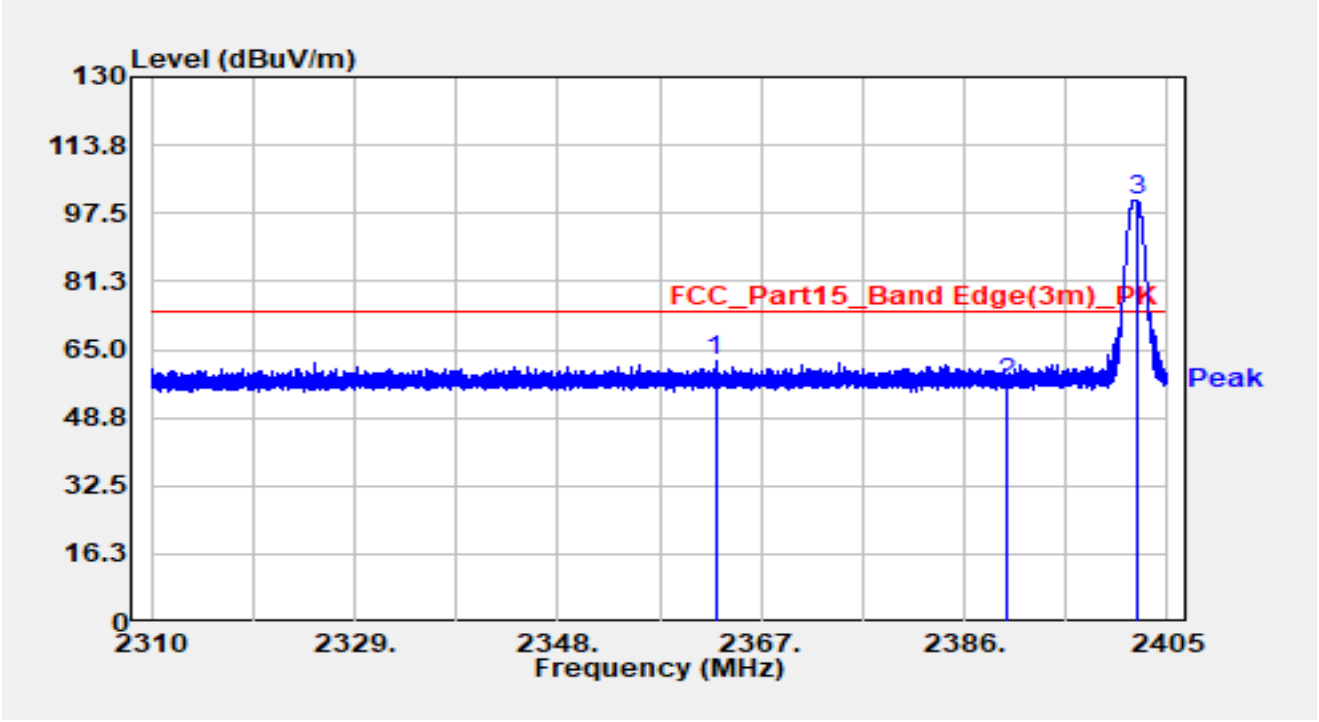
Notes:

1. " *", means this data is the worst emission level.

2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) - AMP (dB).

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WJ-AC1	Test Date	2024-09-24
Test Engineer	Simon Lu	Temp./Humidity	22.4°C /60.3%
Factor	Horn 3117_1-18GHz	Polarity	Vertical
EUT	Bluetooth headset	Test Voltage	By Battery
Test Mode	Transmit by DH5 at 2402MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1		2362.735	25.44	36.82	62.26	-11.74	74.00	Peak
2		2390.000	19.90	36.88	56.79	-17.21	74.00	Peak
3	*	2402.169	63.68	36.94	100.62	26.62	74.00	Peak

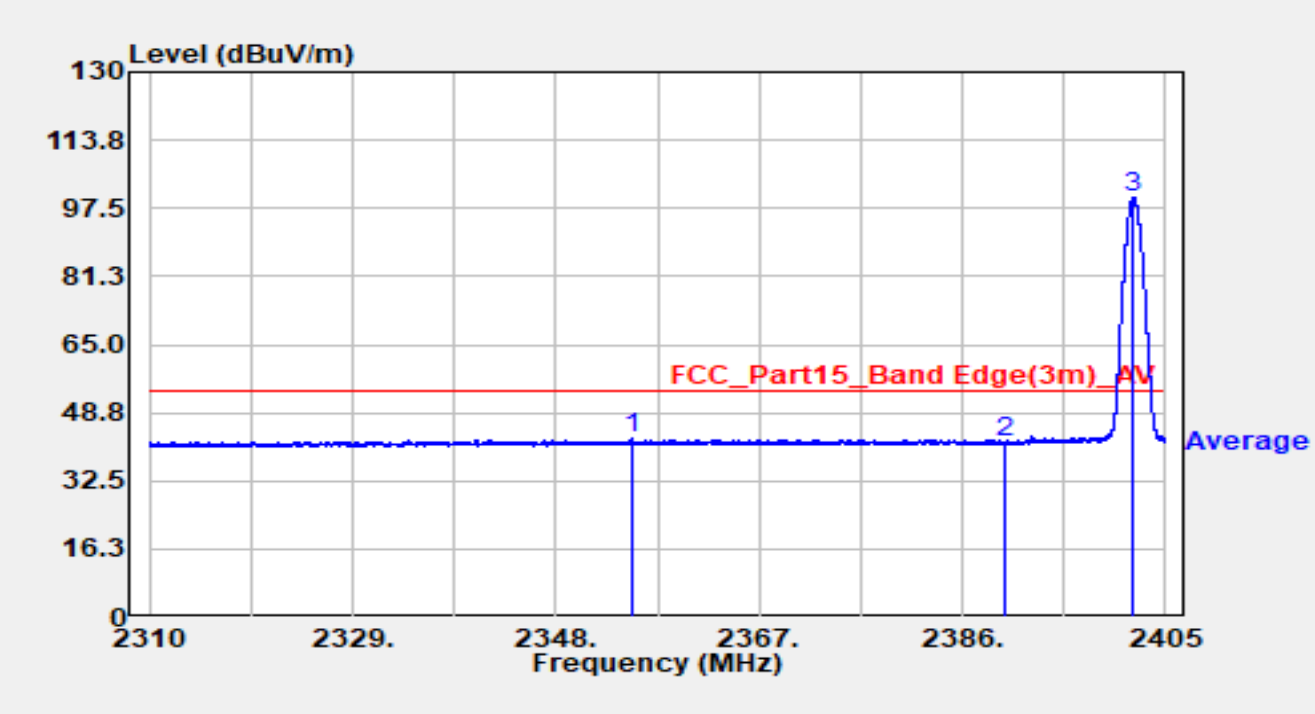
Notes:

1. " *", means this data is the worst emission level.

2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) - AMP (dB).

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WJ-AC1	Test Date	2024-09-24
Test Engineer	Simon Lu	Temp./Humidity	22.4°C /60.3%
Factor	Horn 3117_1-18GHz	Polarity	Vertical
EUT	Bluetooth headset	Test Voltage	By Battery
Test Mode	Transmit by DH5 at 2402MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1		2355.059	5.64	36.80	42.44	-11.56	54.00	Average
2		2390.000	4.81	36.88	41.70	-12.30	54.00	Average
3	*	2402.017	63.04	36.94	99.99	45.99	54.00	Average

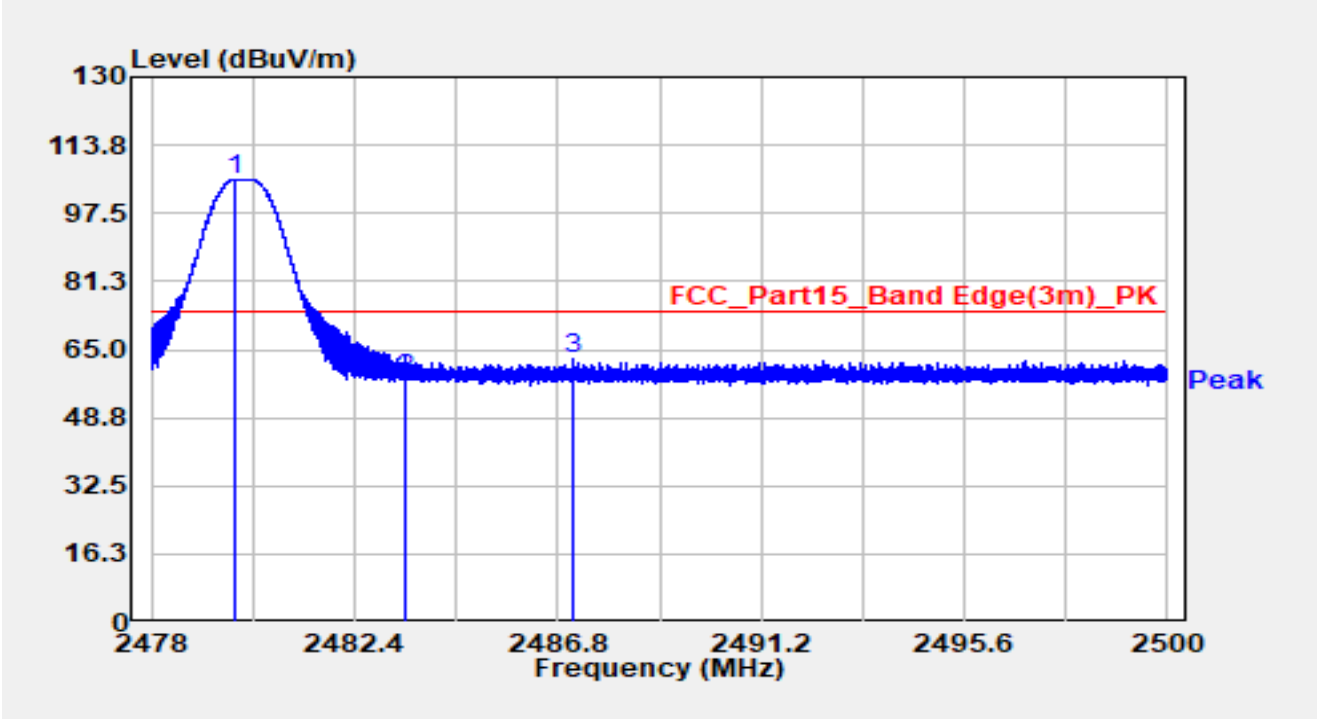
Notes:

1. " *", means this data is the worst emission level.

2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) - AMP (dB).

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WJ-AC1	Test Date	2024-09-25
Test Engineer	Simon Lu	Temp./Humidity	20.3°C /66.9%
Factor	Horn 3117_1-18GHz	Polarity	Horizontal
EUT	Bluetooth headset	Test Voltage	By Battery
Test Mode	Transmit by DH5 at 2480MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1	*	2479.828	68.50	37.04	105.54	31.54	74.00	Peak
2		2483.500	20.74	37.05	57.80	-16.20	74.00	Peak
3		2487.152	25.55	37.06	62.61	-11.39	74.00	Peak

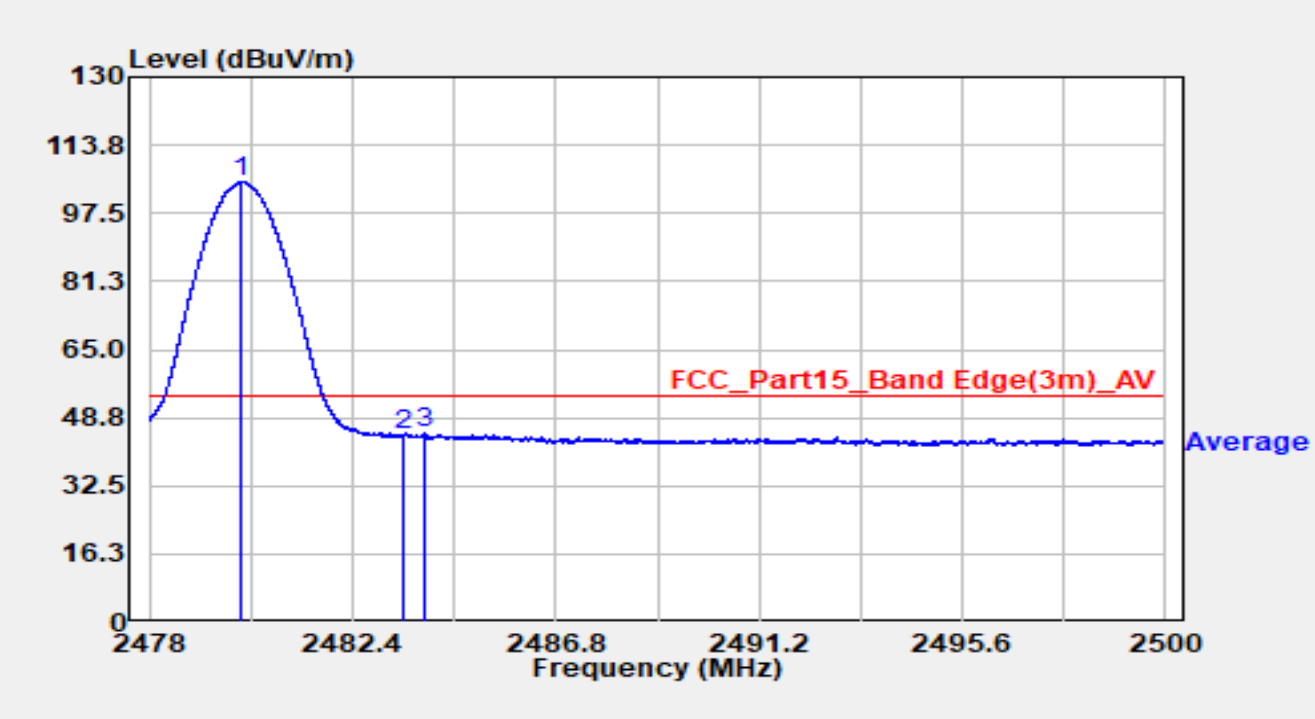
Notes:

1. " *", means this data is the worst emission level.

2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) - AMP (dB).

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WJ-AC1	Test Date	2024-09-25
Test Engineer	Simon Lu	Temp./Humidity	20.3°C /66.9%
Factor	Horn 3117_1-18GHz	Polarity	Horizontal
EUT	Bluetooth headset	Test Voltage	By Battery
Test Mode	Transmit by DH5 at 2480MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1	*	2480.009	67.83	37.04	104.87	50.87	54.00	Average
2		2483.500	7.51	37.05	44.57	-9.43	54.00	Average
3		2483.949	7.97	37.05	45.03	-8.97	54.00	Average

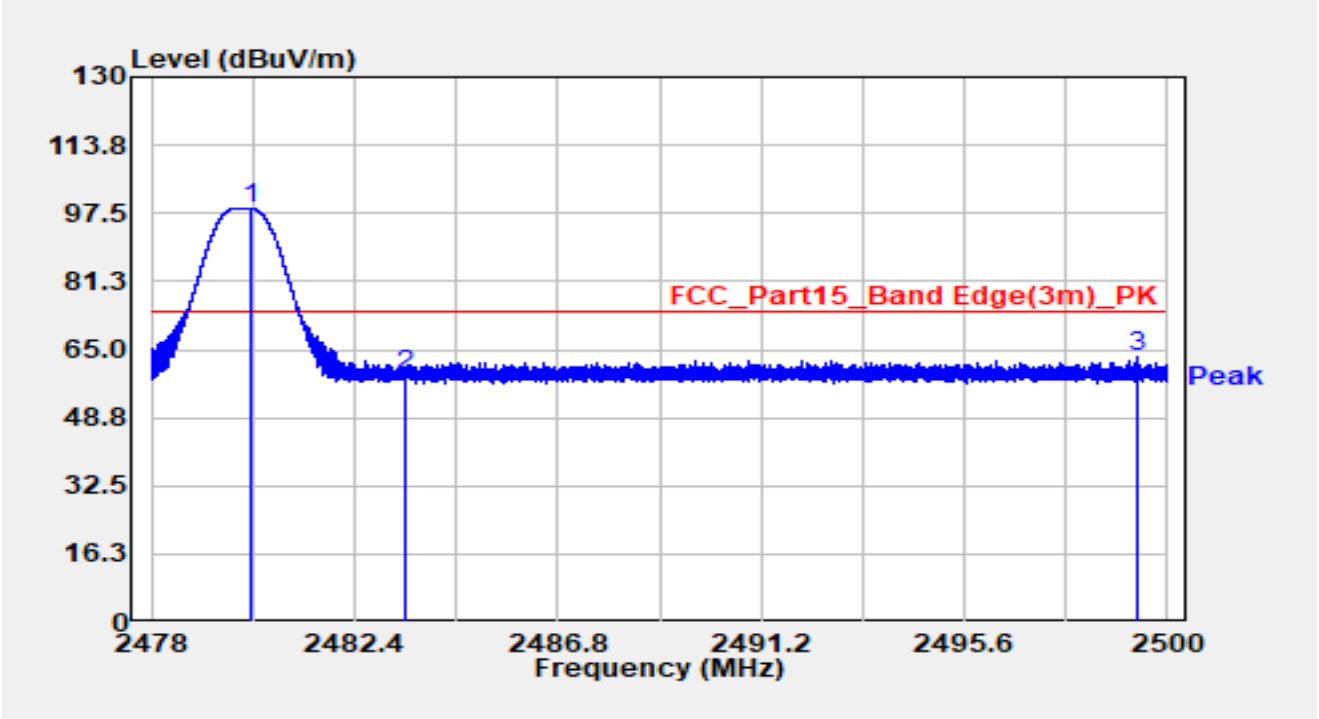
Notes:

1. " *", means this data is the worst emission level.

2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) - AMP (dB).

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WJ-AC1	Test Date	2024-09-25
Test Engineer	Simon Lu	Temp./Humidity	20.3°C /66.9%
Factor	Horn 3117_1-18GHz	Polarity	Vertical
EUT	Bluetooth headset	Test Voltage	By Battery
Test Mode	Transmit by DH5 at 2480MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1	*	2480.176	61.80	37.04	98.84	24.84	74.00	Peak
2		2483.500	22.01	37.05	59.06	-14.94	74.00	Peak
3		2499.349	26.35	37.09	63.44	-10.56	74.00	Peak

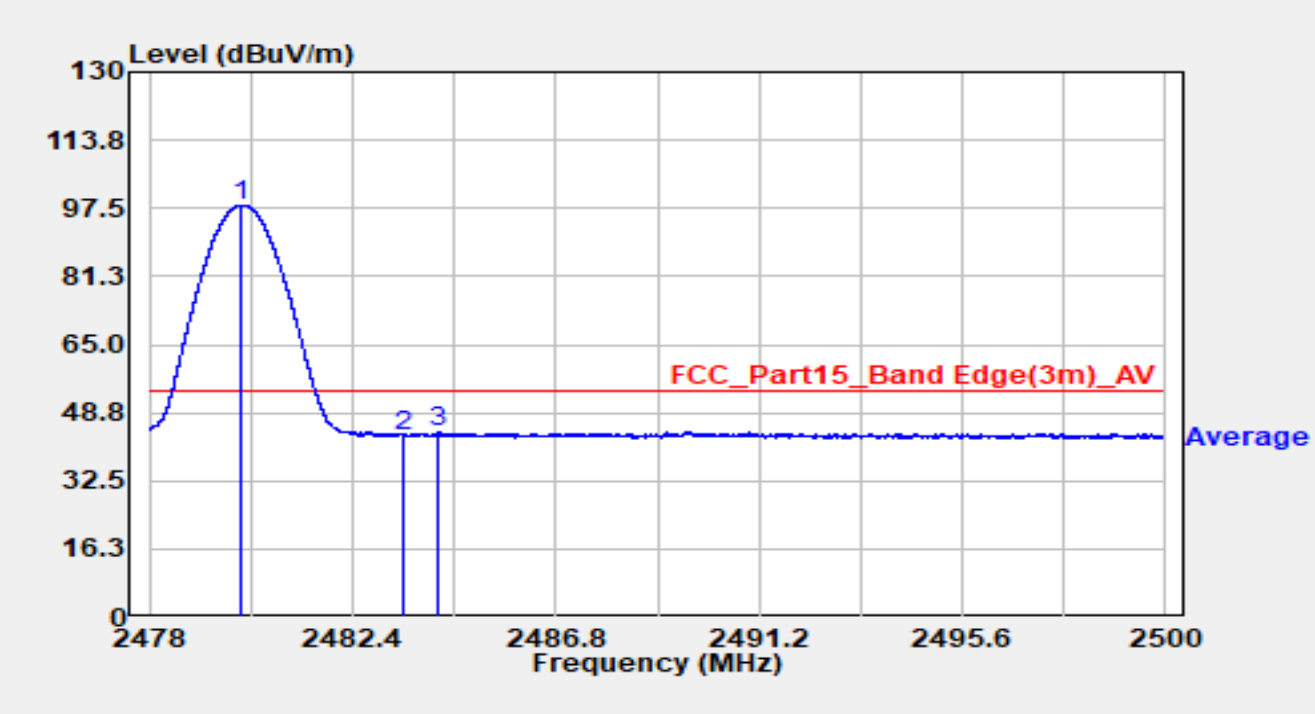
Notes:

1. " *", means this data is the worst emission level.

2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) - AMP (dB).

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WJ-AC1	Test Date	2024-09-25
Test Engineer	Simon Lu	Temp./Humidity	20.3°C /66.9%
Factor	Horn 3117_1-18GHz	Polarity	Vertical
EUT	Bluetooth headset	Test Voltage	By Battery
Test Mode	Transmit by DH5 at 2480MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1	*	2480.002	61.20	37.04	98.25	44.25	54.00	Average
2		2483.500	6.27	37.05	43.33	-10.67	54.00	Average
3		2484.252	7.10	37.06	44.15	-9.85	54.00	Average

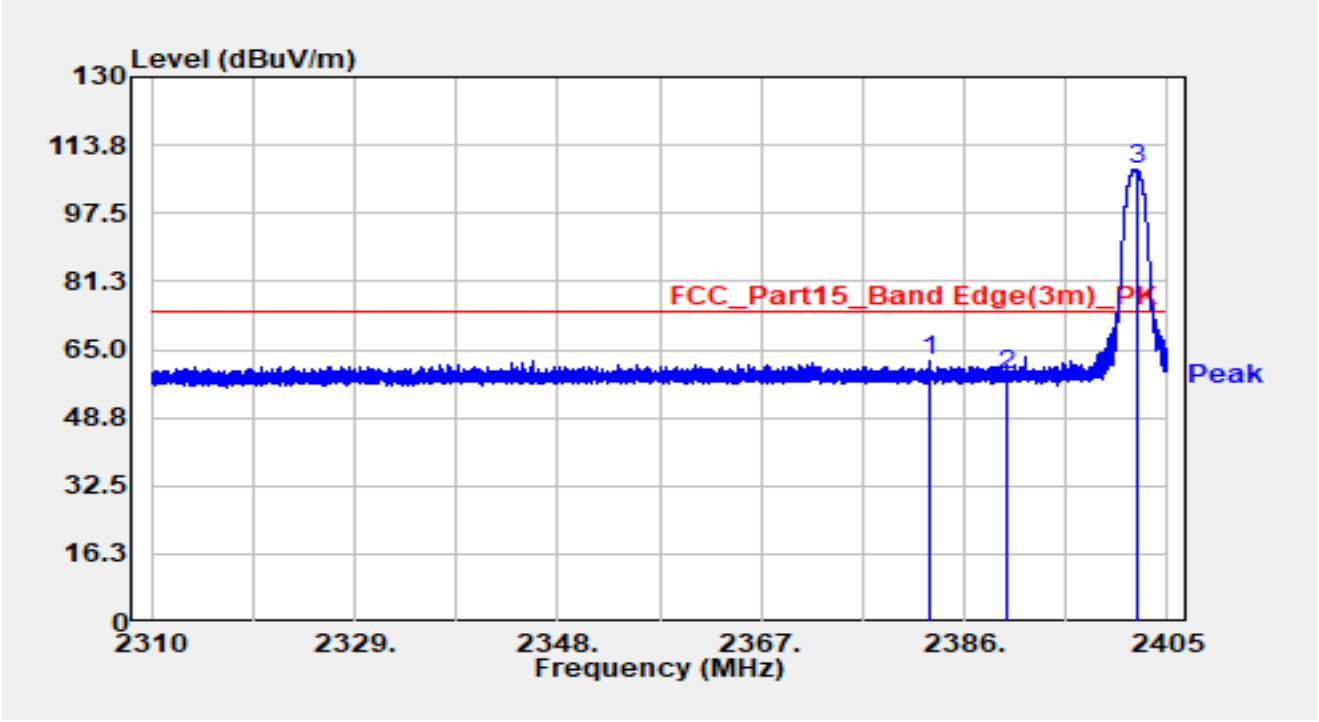
Notes:

1. " *", means this data is the worst emission level.

2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) - AMP (dB).

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WJ-AC1	Test Date	2024-09-25
Test Engineer	Simon Lu	Temp./Humidity	20.3°C /66.9%
Factor	Horn 3117_1-18GHz	Polarity	Horizontal
EUT	Bluetooth headset	Test Voltage	By Battery
Test Mode	Transmit by 2DH5 at 2402MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1		2382.675	25.43	36.86	62.29	-11.71	74.00	Peak
2		2390.000	21.94	36.88	58.82	-15.18	74.00	Peak
3	*	2402.150	71.00	36.94	107.94	33.94	74.00	Peak

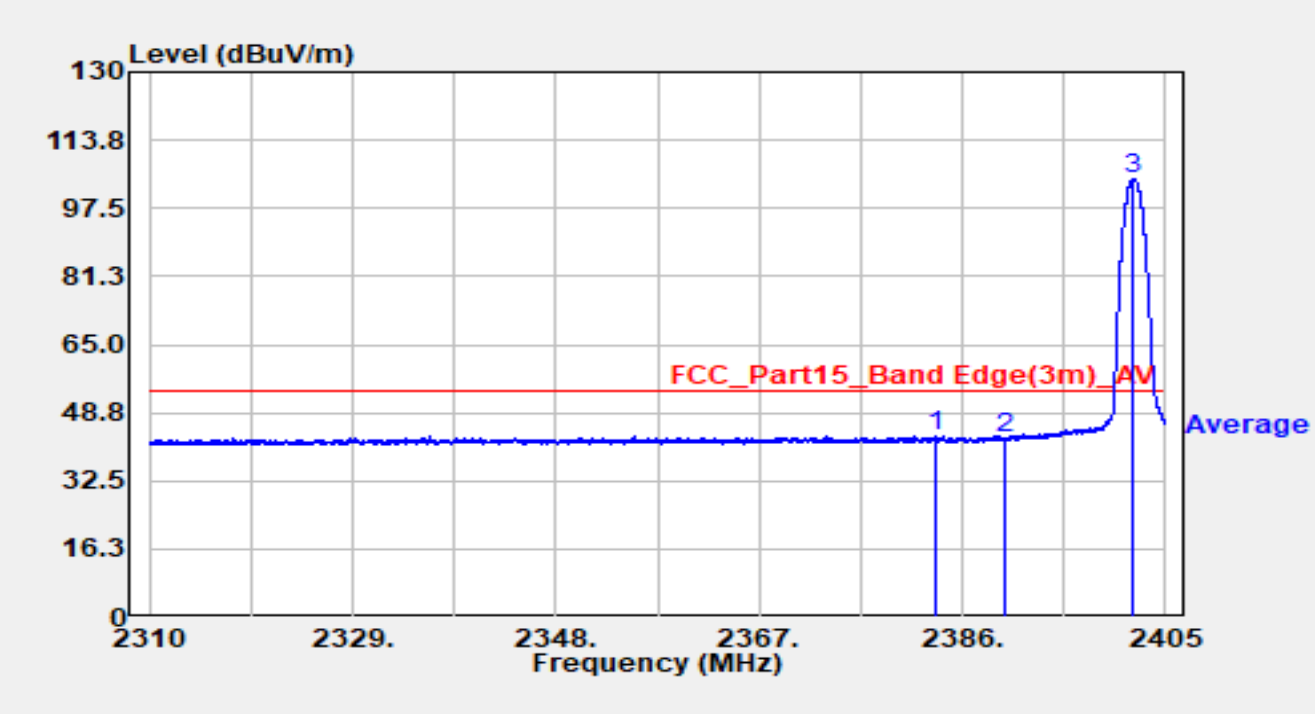
Notes:

1. " *", means this data is the worst emission level.

2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) - AMP (dB).

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WJ-AC1	Test Date	2024-09-25
Test Engineer	Simon Lu	Temp./Humidity	20.3°C /66.9%
Factor	Horn 3117_1-18GHz	Polarity	Horizontal
EUT	Bluetooth headset	Test Voltage	By Battery
Test Mode	Transmit by 2DH5 at 2402MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1		2383.549	6.50	36.87	43.36	-10.64	54.00	Average
2		2390.000	5.56	36.88	42.45	-11.55	54.00	Average
3	*	2401.998	67.59	36.94	104.53	50.53	54.00	Average

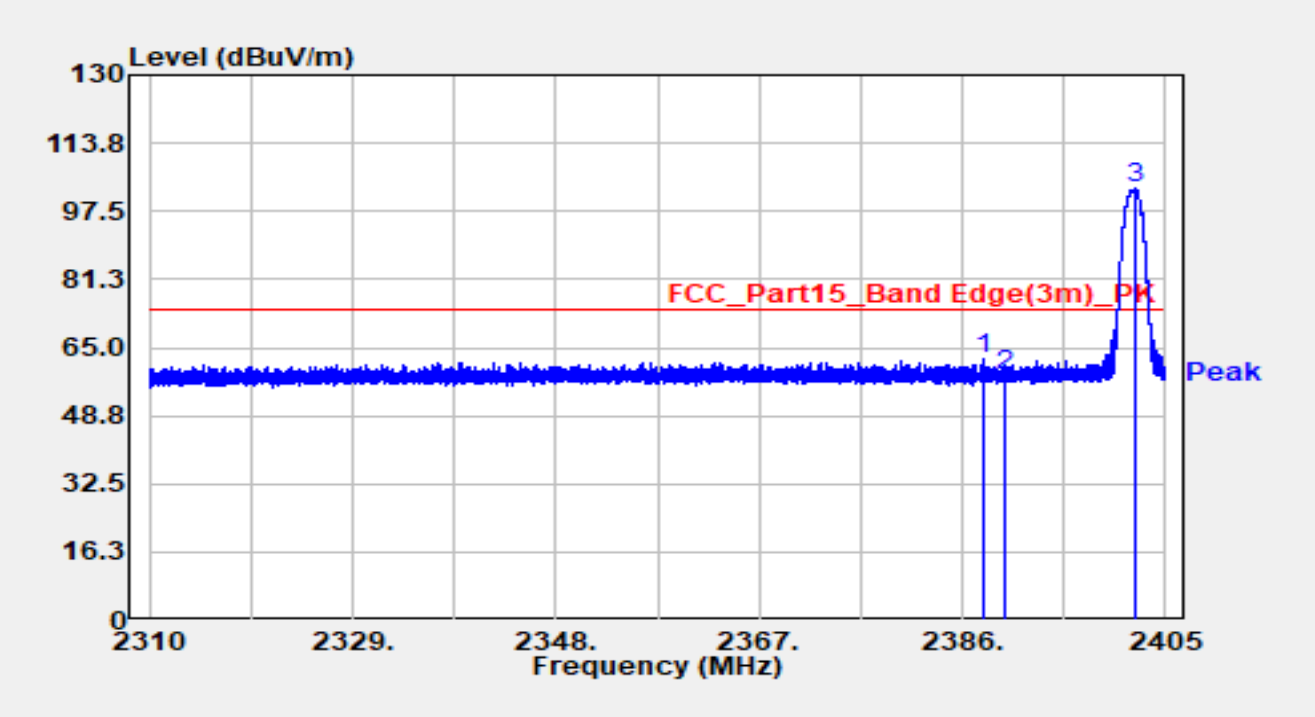
Notes:

1. " *", means this data is the worst emission level.

2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) - AMP (dB).

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WJ-AC1	Test Date	2024-09-25
Test Engineer	Simon Lu	Temp./Humidity	20.3°C /66.9%
Factor	Horn 3117_1-18GHz	Polarity	Vertical
EUT	Bluetooth headset	Test Voltage	By Battery
Test Mode	Transmit by 2DH5 at 2402MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1		2388.090	25.38	36.88	62.25	-11.75	74.00	Peak
2		2390.000	21.72	36.88	58.61	-15.39	74.00	Peak
3	*	2402.112	65.93	36.94	102.87	28.87	74.00	Peak

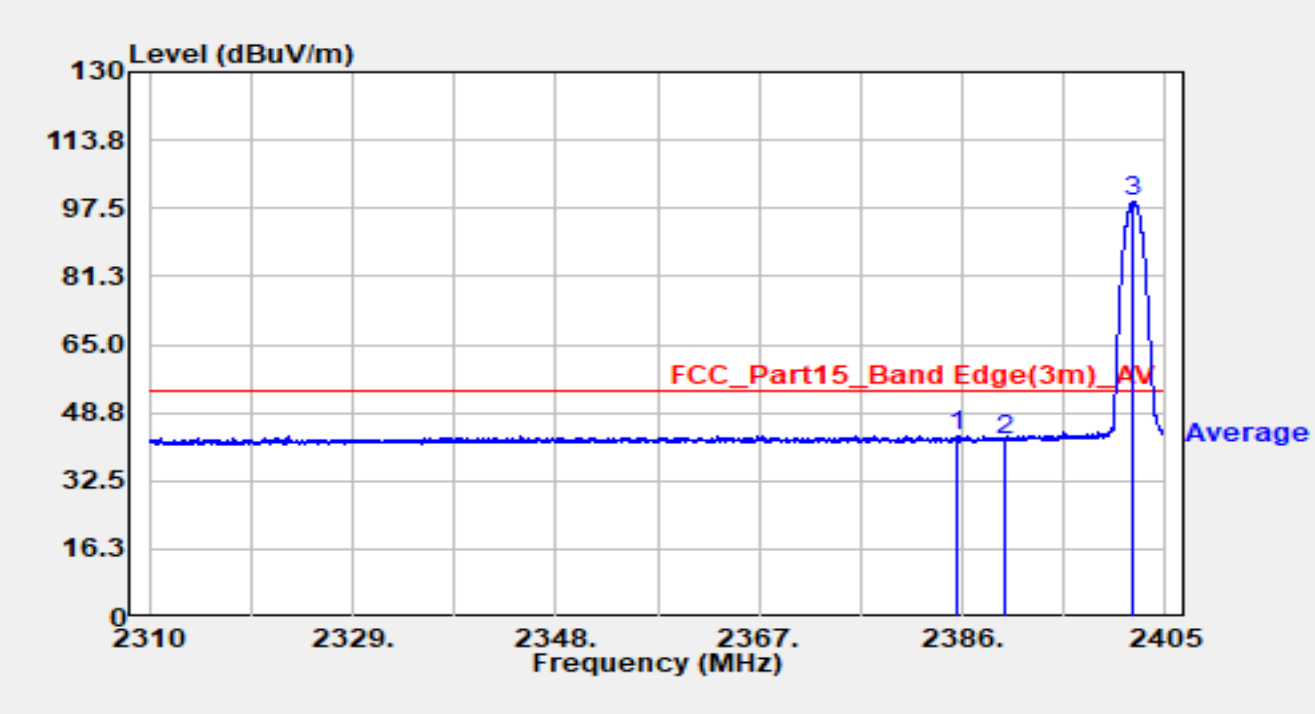
Notes:

1. " *", means this data is the worst emission level.

2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) - AMP (dB).

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WJ-AC1	Test Date	2024-09-25
Test Engineer	Simon Lu	Temp./Humidity	20.3°C /66.9%
Factor	Horn 3117_1-18GHz	Polarity	Vertical
EUT	Bluetooth headset	Test Voltage	By Battery
Test Mode	Transmit by 2DH5 at 2402MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1		2385.611	6.35	36.87	43.22	-10.78	54.00	Average
2		2390.000	5.28	36.88	42.16	-11.84	54.00	Average
3	*	2402.027	61.99	36.94	98.93	44.93	54.00	Average

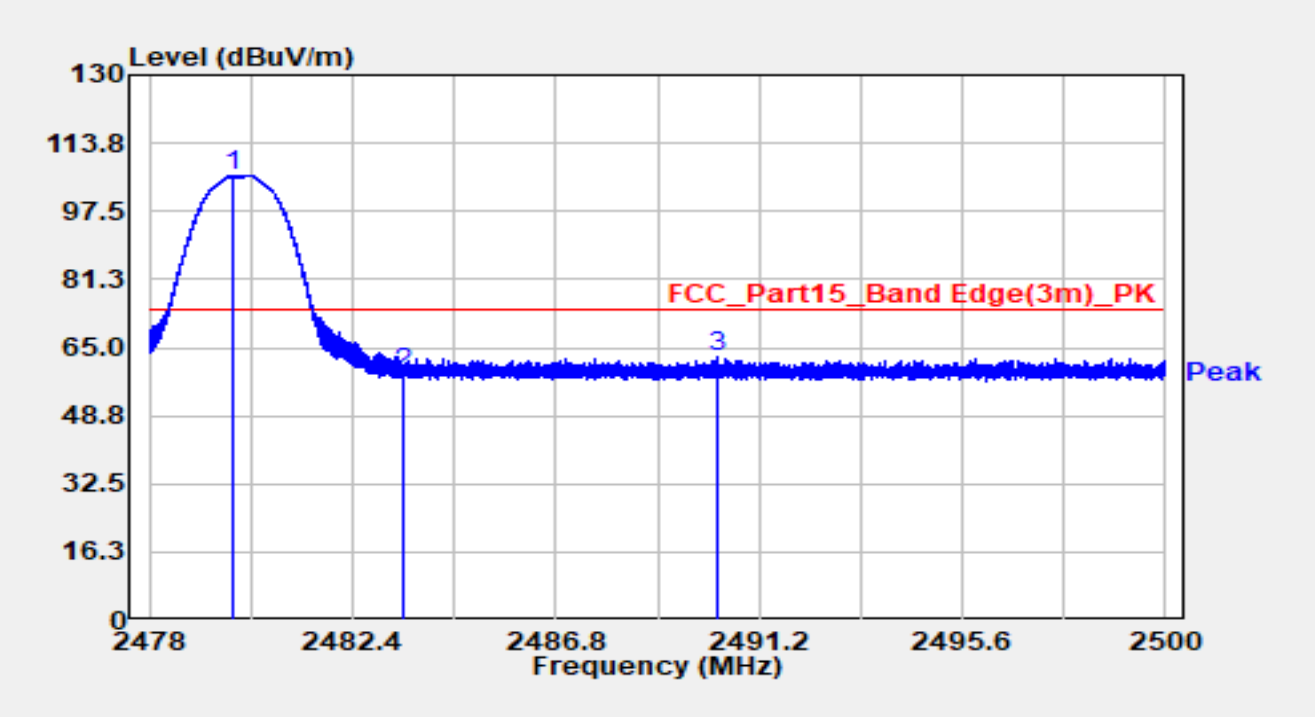
Notes:

1. " *", means this data is the worst emission level.

2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) - AMP (dB).

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WJ-AC1	Test Date	2024-09-25
Test Engineer	Simon Lu	Temp./Humidity	20.3°C /66.9%
Factor	Horn 3117_1-18GHz	Polarity	Horizontal
EUT	Bluetooth headset	Test Voltage	By Battery
Test Mode	Transmit by 2DH5 at 2480MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1	*	2479.826	69.03	37.04	106.08	32.08	74.00	Peak
2		2483.500	22.05	37.05	59.10	-14.90	74.00	Peak
3		2490.324	25.63	37.07	62.71	-11.29	74.00	Peak

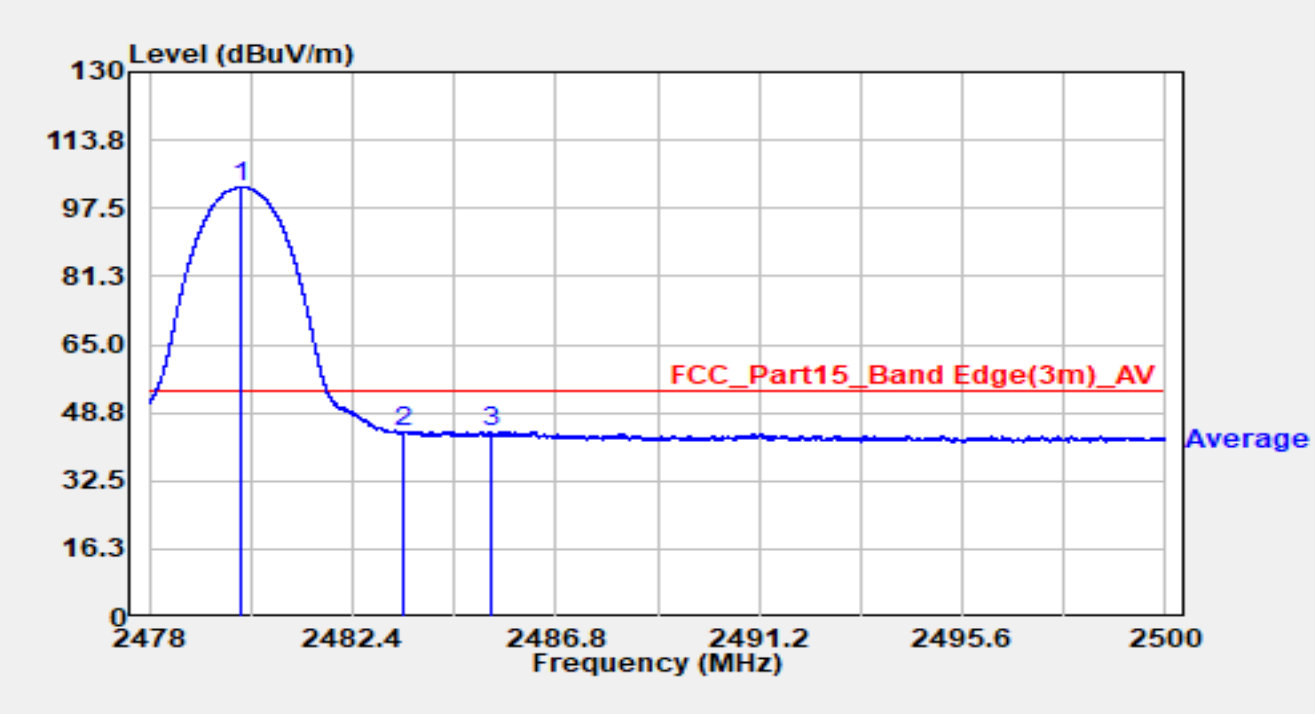
Notes:

1. " *", means this data is the worst emission level.

2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) - AMP (dB).

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WJ-AC1	Test Date	2024-09-25
Test Engineer	Simon Lu	Temp./Humidity	20.3°C /66.9%
Factor	Horn 3117_1-18GHz	Polarity	Horizontal
EUT	Bluetooth headset	Test Voltage	By Battery
Test Mode	Transmit by 2DH5 at 2480MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1	*	2480.002	65.50	37.04	102.54	48.54	54.00	Average
2		2483.500	7.01	37.05	44.07	-9.93	54.00	Average
3		2485.375	7.24	37.06	44.30	-9.70	54.00	Average

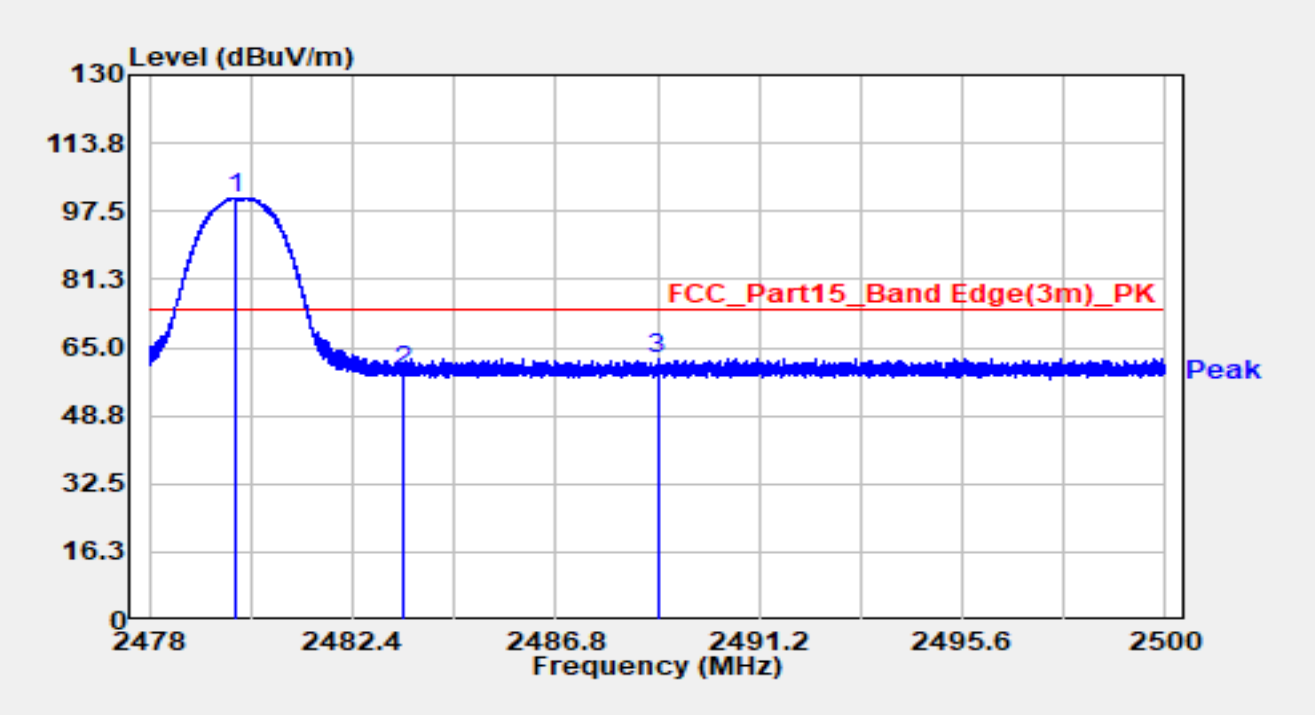
Notes:

1. " *", means this data is the worst emission level.

2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) - AMP (dB).

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WJ-AC1	Test Date	2024-09-25
Test Engineer	Simon Lu	Temp./Humidity	20.3°C /66.9%
Factor	Horn 3117_1-18GHz	Polarity	Vertical
EUT	Bluetooth headset	Test Voltage	By Battery
Test Mode	Transmit by 2DH5 at 2480MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1	*	2479.872	63.77	37.04	100.81	26.81	74.00	Peak
2		2483.500	22.21	37.05	59.26	-14.74	74.00	Peak
3		2489.002	25.36	37.07	62.43	-11.57	74.00	Peak

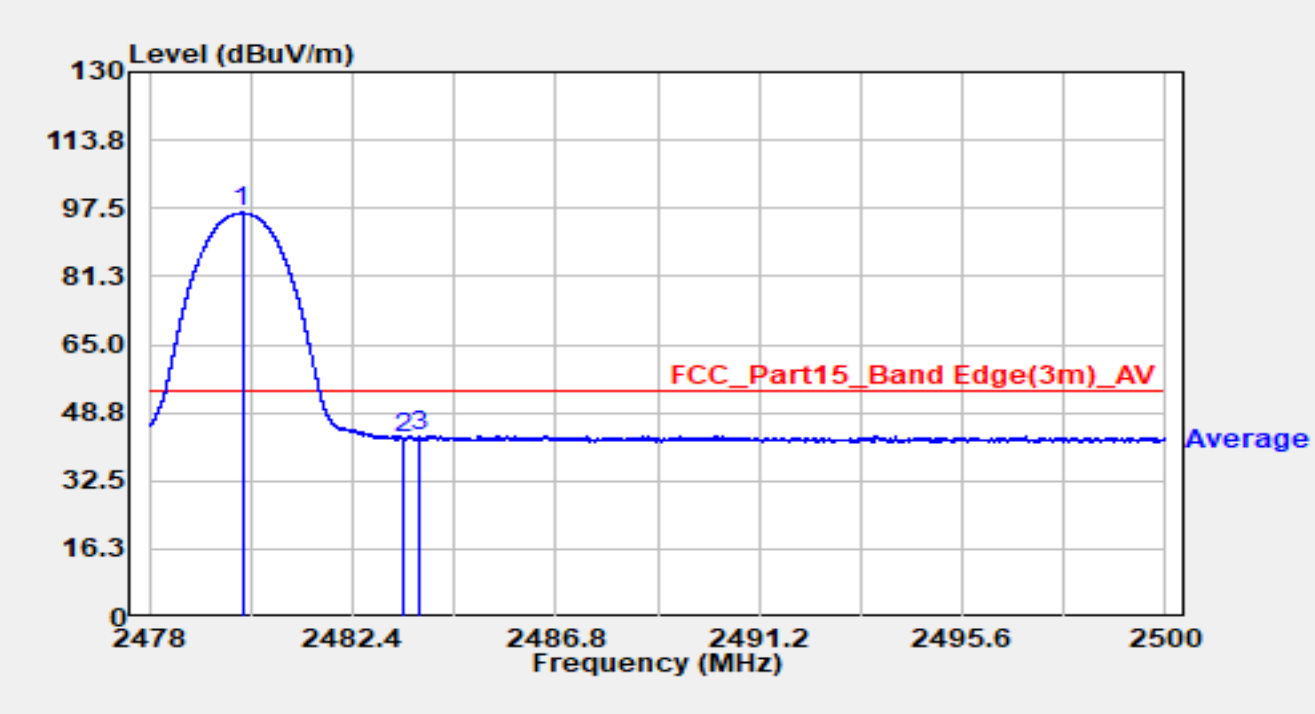
Notes:

1. " *", means this data is the worst emission level.

2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) - AMP (dB).

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WJ-AC1	Test Date	2024-09-25
Test Engineer	Simon Lu	Temp./Humidity	20.3°C /66.9%
Factor	Horn 3117_1-18GHz	Polarity	Vertical
EUT	Bluetooth headset	Test Voltage	By Battery
Test Mode	Transmit by 2DH5 at 2480MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1	*	2480.011	59.35	37.04	96.40	42.40	54.00	Average
2		2483.500	5.51	37.05	42.56	-11.44	54.00	Average
3		2483.826	6.26	37.05	43.31	-10.69	54.00	Average

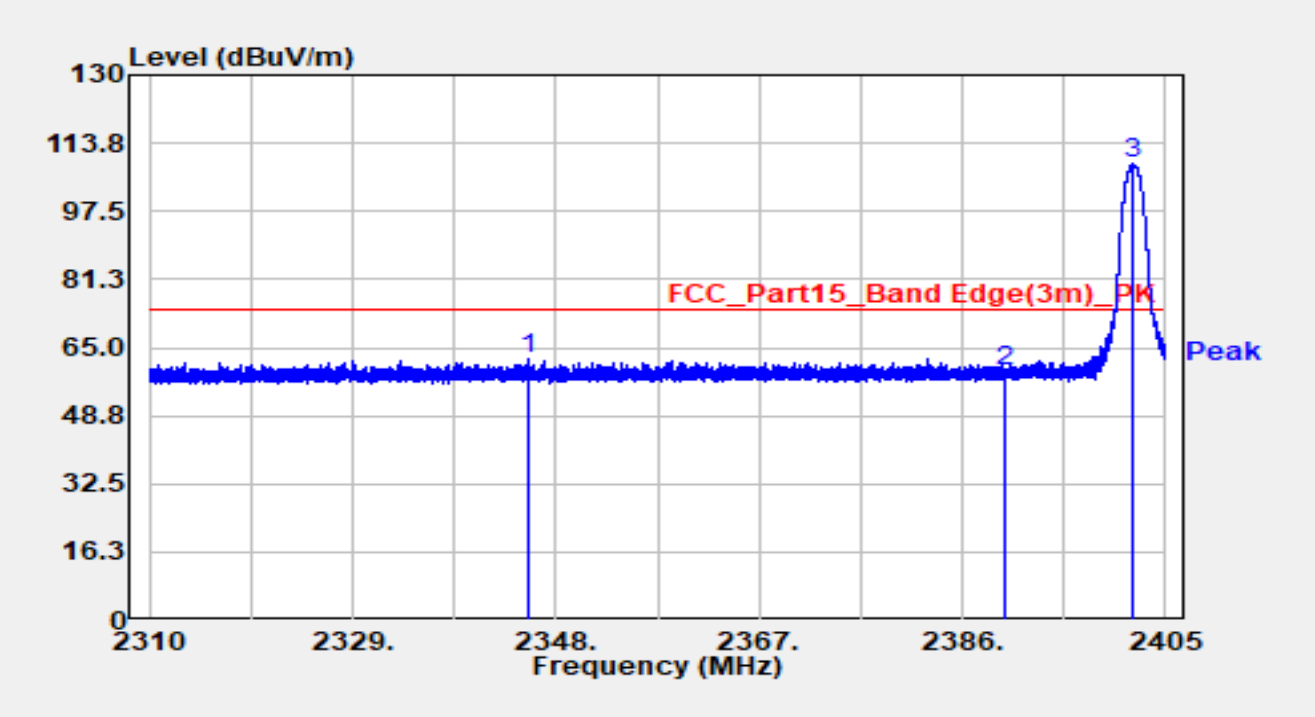
Notes:

1. " *", means this data is the worst emission level.

2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) - AMP (dB).

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WJ-AC1	Test Date	2024-09-25
Test Engineer	Simon Lu	Temp./Humidity	20.3°C /66.9%
Factor	Horn 3117_1-18GHz	Polarity	Horizontal
EUT	Bluetooth headset	Test Voltage	By Battery
Test Mode	Transmit by 3DH5 at 2402MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1		2345.397	25.66	36.78	62.44	-11.56	74.00	Peak
2		2390.000	22.25	36.88	59.13	-14.87	74.00	Peak
3	*	2401.979	71.73	36.94	108.67	34.67	74.00	Peak

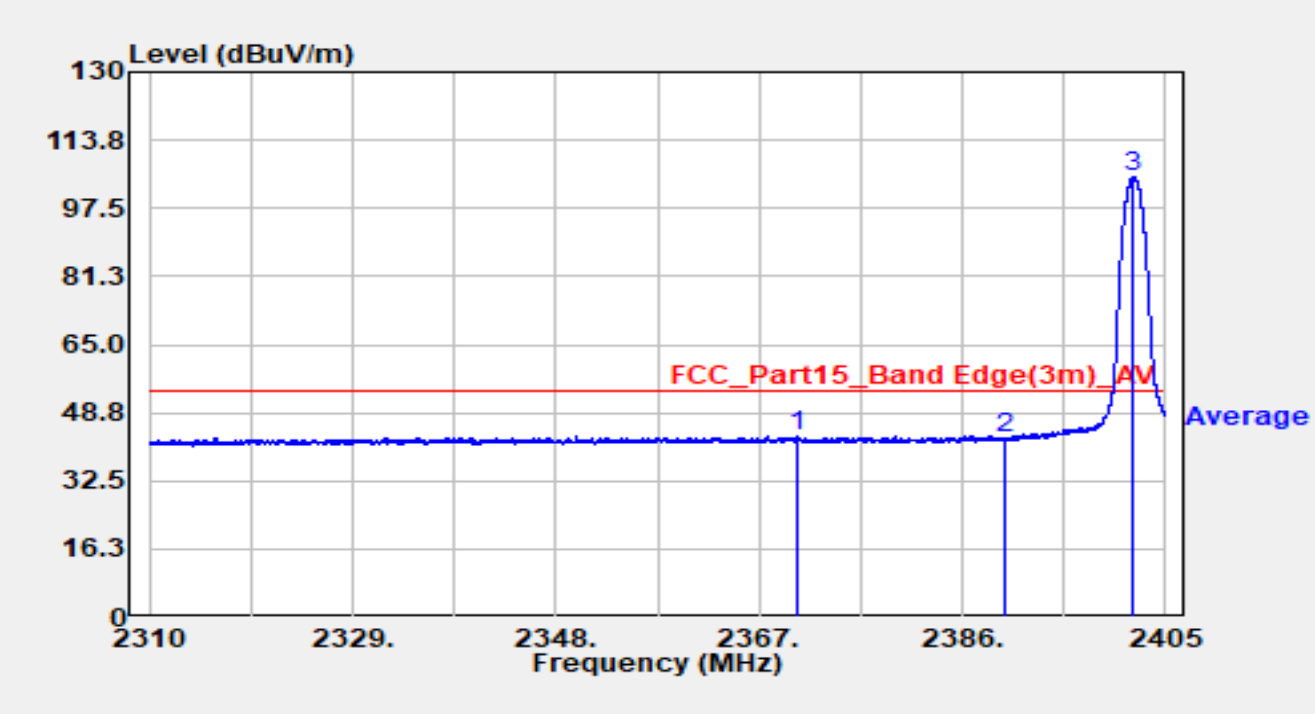
Notes:

1. " *", means this data is the worst emission level.

2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) - AMP (dB).

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WJ-AC1	Test Date	2024-09-25
Test Engineer	Simon Lu	Temp./Humidity	20.3°C /66.9%
Factor	Horn 3117_1-18GHz	Polarity	Horizontal
EUT	Bluetooth headset	Test Voltage	By Battery
Test Mode	Transmit by 3DH5 at 2402MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1		2370.572	6.54	36.83	43.37	-10.63	54.00	Average
2		2390.000	5.86	36.88	42.75	-11.25	54.00	Average
3	*	2401.998	67.94	36.94	104.88	50.88	54.00	Average

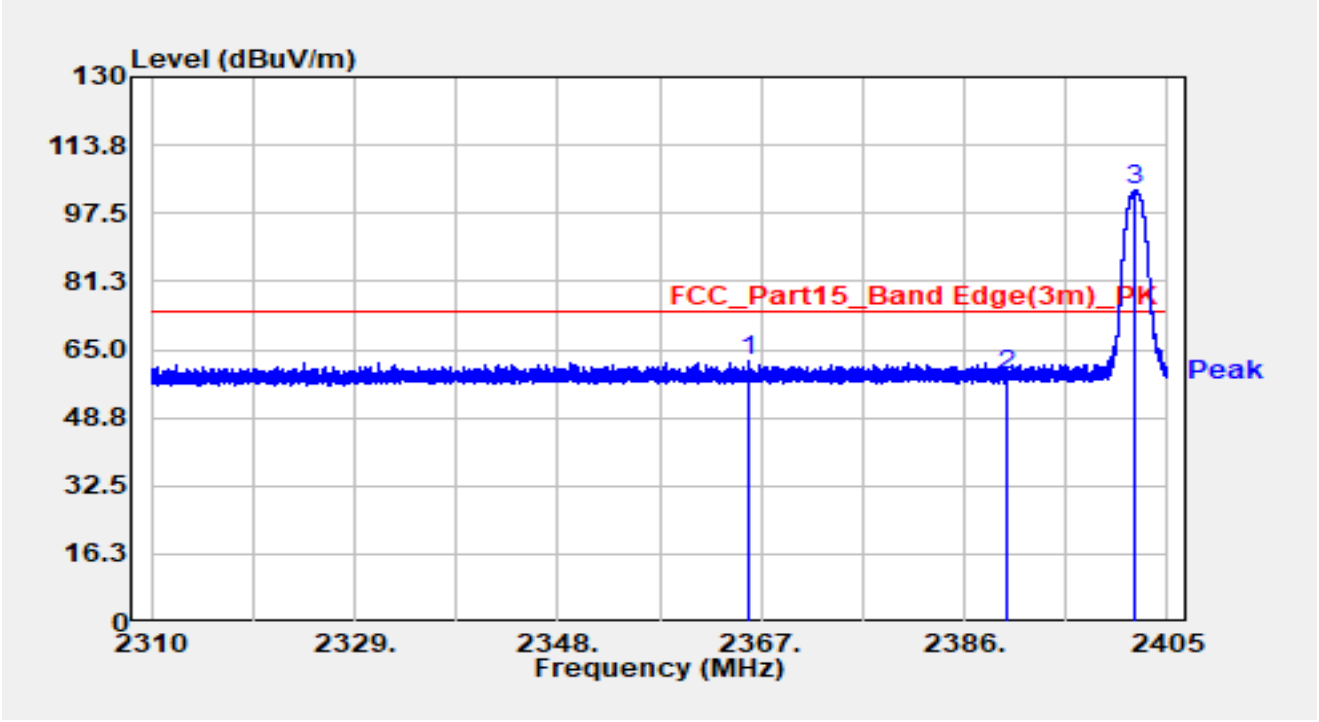
Notes:

1. " *", means this data is the worst emission level.

2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) - AMP (dB).

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WJ-AC1	Test Date	2024-09-25
Test Engineer	Simon Lu	Temp./Humidity	20.3°C /66.9%
Factor	Horn 3117_1-18GHz	Polarity	Vertical
EUT	Bluetooth headset	Test Voltage	By Battery
Test Mode	Transmit by 3DH5 at 2402MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1		2365.737	25.45	36.82	62.27	-11.73	74.00	Peak
2		2390.000	21.95	36.88	58.84	-15.16	74.00	Peak
3	*	2401.979	66.26	36.94	103.20	29.20	74.00	Peak

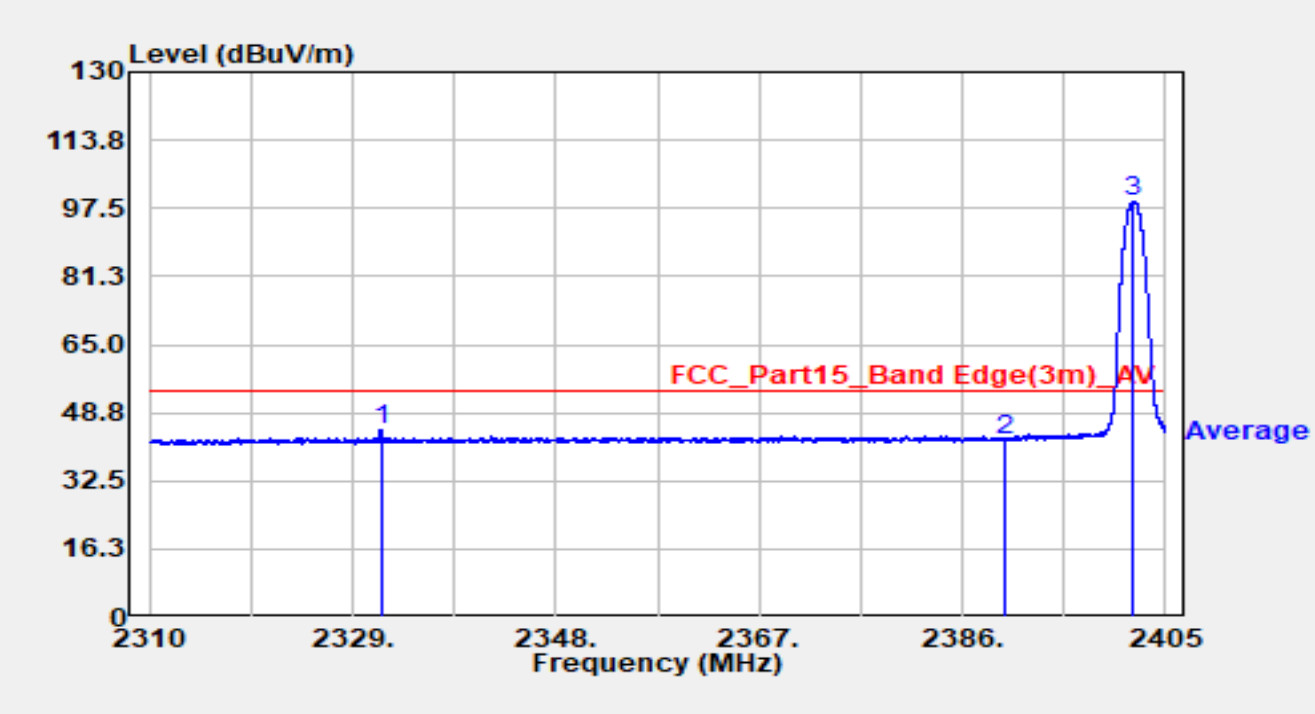
Notes:

1. " *", means this data is the worst emission level.

2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) - AMP (dB).

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WJ-AC1	Test Date	2024-09-25
Test Engineer	Simon Lu	Temp./Humidity	20.3°C /66.9%
Factor	Horn 3117_1-18GHz	Polarity	Vertical
EUT	Bluetooth headset	Test Voltage	By Battery
Test Mode	Transmit by 3DH5 at 2402MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1		2331.641	7.84	36.70	44.54	-9.46	54.00	Average
2		2390.000	5.52	36.88	42.40	-11.60	54.00	Average
3	*	2402.008	62.33	36.94	99.28	45.28	54.00	Average

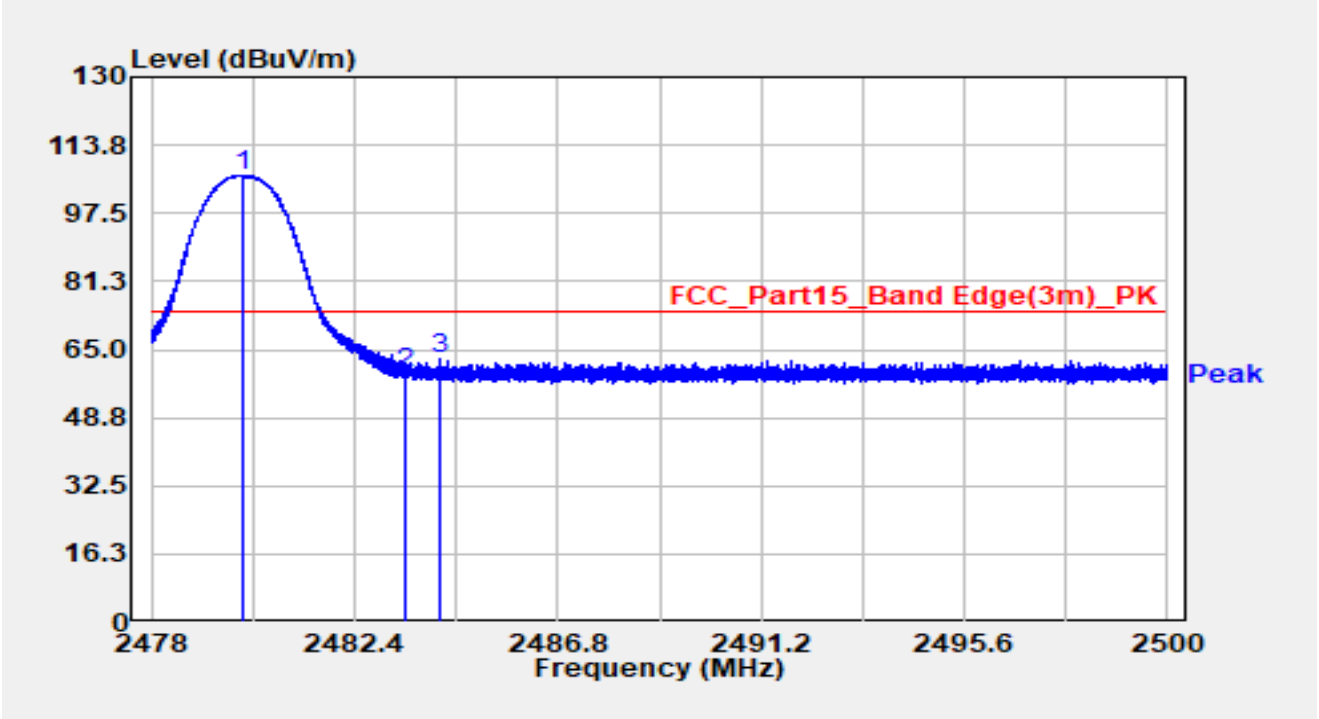
Notes:

1. " *", means this data is the worst emission level.

2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) - AMP (dB).

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WJ-AC1	Test Date	2024-09-25
Test Engineer	Simon Lu	Temp./Humidity	20.3°C /66.9%
Factor	Horn 3117_1-18GHz	Polarity	Horizontal
EUT	Bluetooth headset	Test Voltage	By Battery
Test Mode	Transmit by 3DH5 at 2480MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1	*	2479.978	69.61	37.04	106.65	32.65	74.00	Peak
2		2483.500	22.34	37.05	59.39	-14.61	74.00	Peak
3		2484.248	25.50	37.06	62.55	-11.45	74.00	Peak

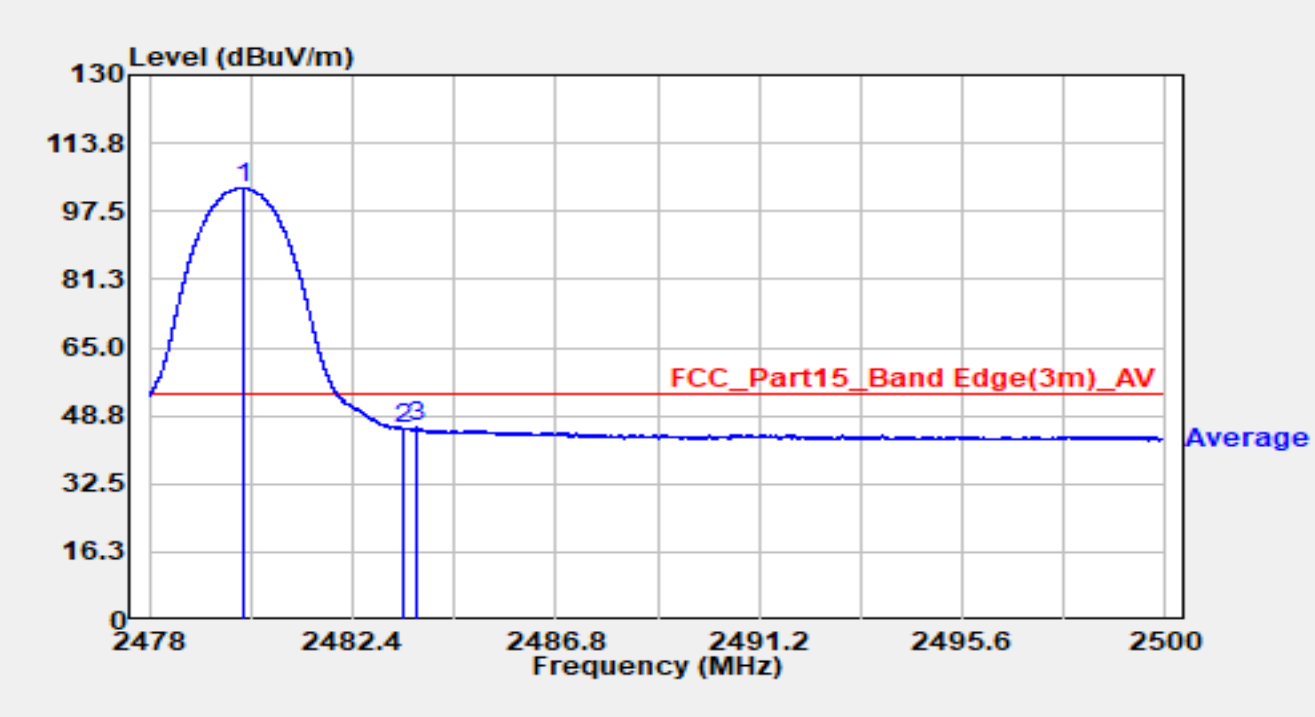
Notes:

1. " *", means this data is the worst emission level.

2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) - AMP (dB).

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WJ-AC1	Test Date	2024-09-25
Test Engineer	Simon Lu	Temp./Humidity	20.3°C /66.9%
Factor	Horn 3117_1-18GHz	Polarity	Horizontal
EUT	Bluetooth headset	Test Voltage	By Battery
Test Mode	Transmit by 3DH5 at 2480MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1	*	2480.017	66.00	37.04	103.05	49.05	54.00	Average
2		2483.500	8.43	37.05	45.48	-8.52	54.00	Average
3		2483.784	8.94	37.05	46.00	-8.00	54.00	Average

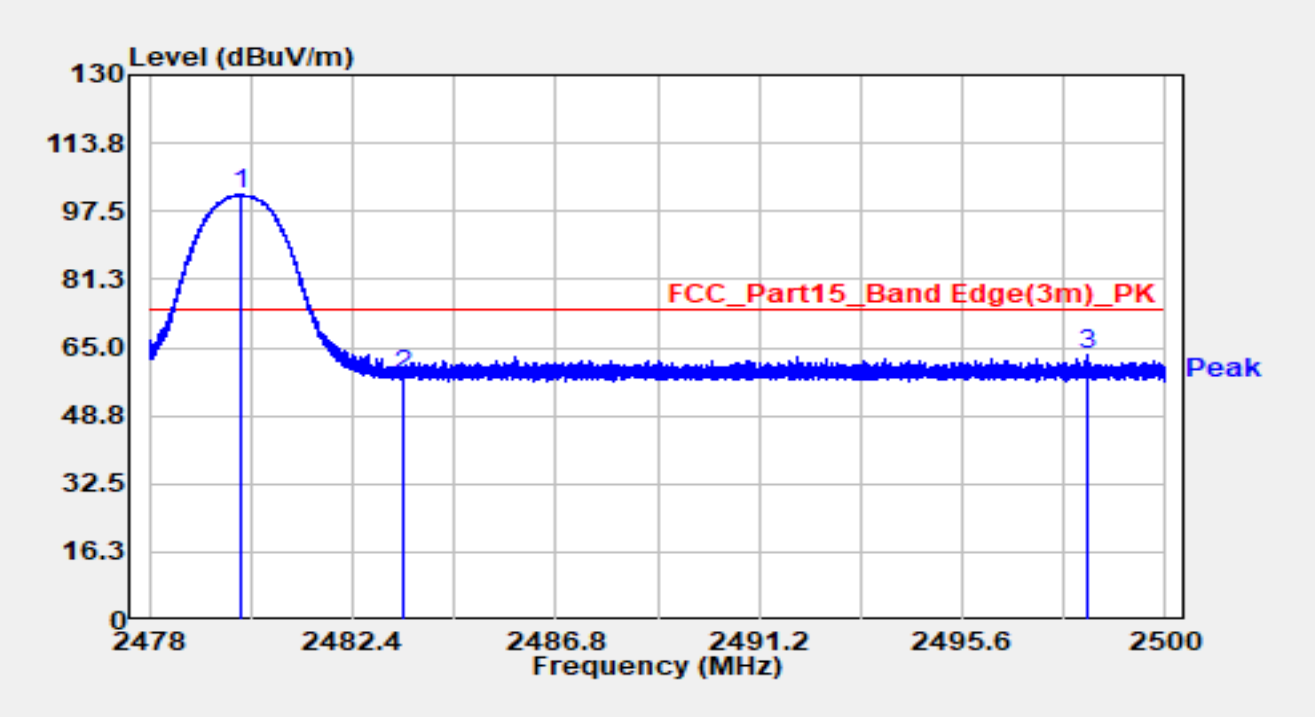
Notes:

1. " *", means this data is the worst emission level.

2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) - AMP (dB).

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WJ-AC1	Test Date	2024-09-25
Test Engineer	Simon Lu	Temp./Humidity	20.3°C /66.9%
Factor	Horn 3117_1-18GHz	Polarity	Vertical
EUT	Bluetooth headset	Test Voltage	By Battery
Test Mode	Transmit by 3DH5 at 2480MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1	*	2480.004	64.41	37.04	101.45	27.45	74.00	Peak
2		2483.500	21.54	37.05	58.59	-15.41	74.00	Peak
3		2498.323	26.34	37.09	63.43	-10.57	74.00	Peak

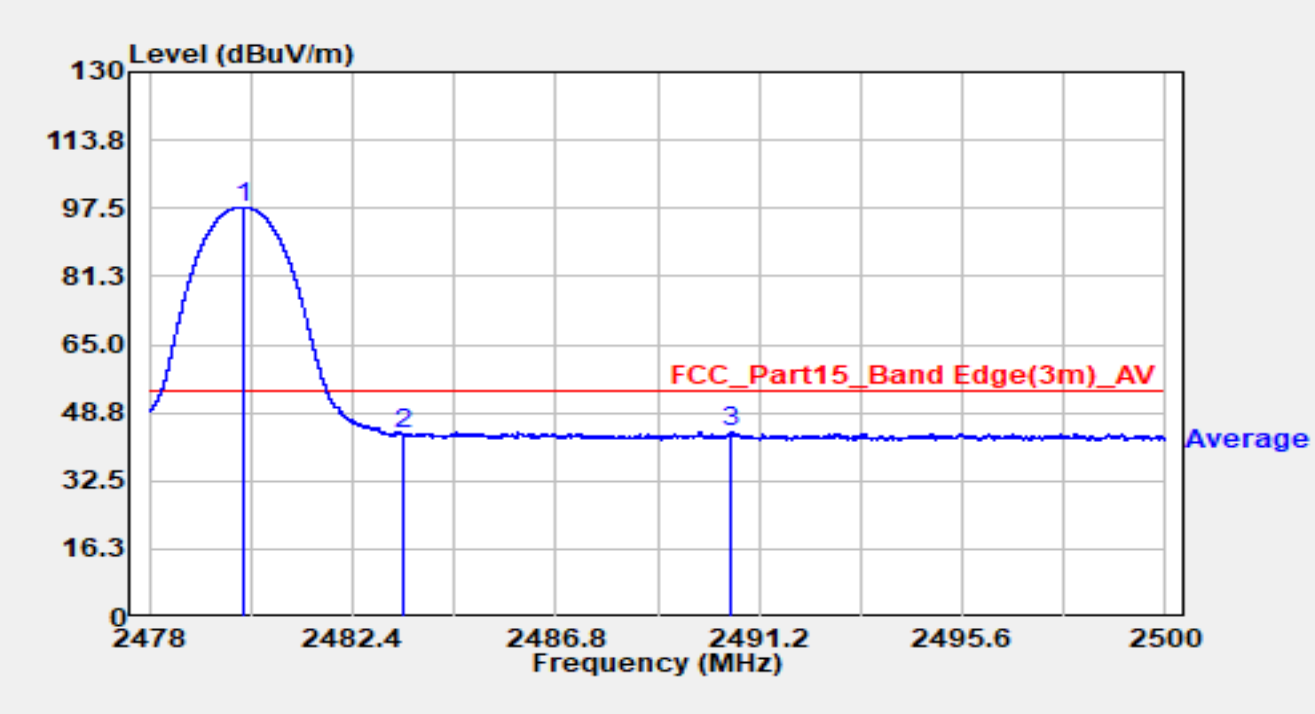
Notes:

1. " *", means this data is the worst emission level.

2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) - AMP (dB).

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WJ-AC1	Test Date	2024-09-25
Test Engineer	Simon Lu	Temp./Humidity	20.3°C /66.9%
Factor	Horn 3117_1-18GHz	Polarity	Vertical
EUT	Bluetooth headset	Test Voltage	By Battery
Test Mode	Transmit by 3DH5 at 2480MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1	*	2480.017	60.74	37.04	97.78	43.78	54.00	Average
2		2483.500	6.50	37.05	43.56	-10.44	54.00	Average
3		2490.571	7.01	37.07	44.08	-9.92	54.00	Average

Notes:

1. " *", means this data is the worst emission level.

2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) - AMP (dB).

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Appendix B - Test Setup Photograph

Refer to “2409RSU021-UT” file.

Appendix C - EUT Photograph

Refer to “2409RSU021-UE” file.

The End