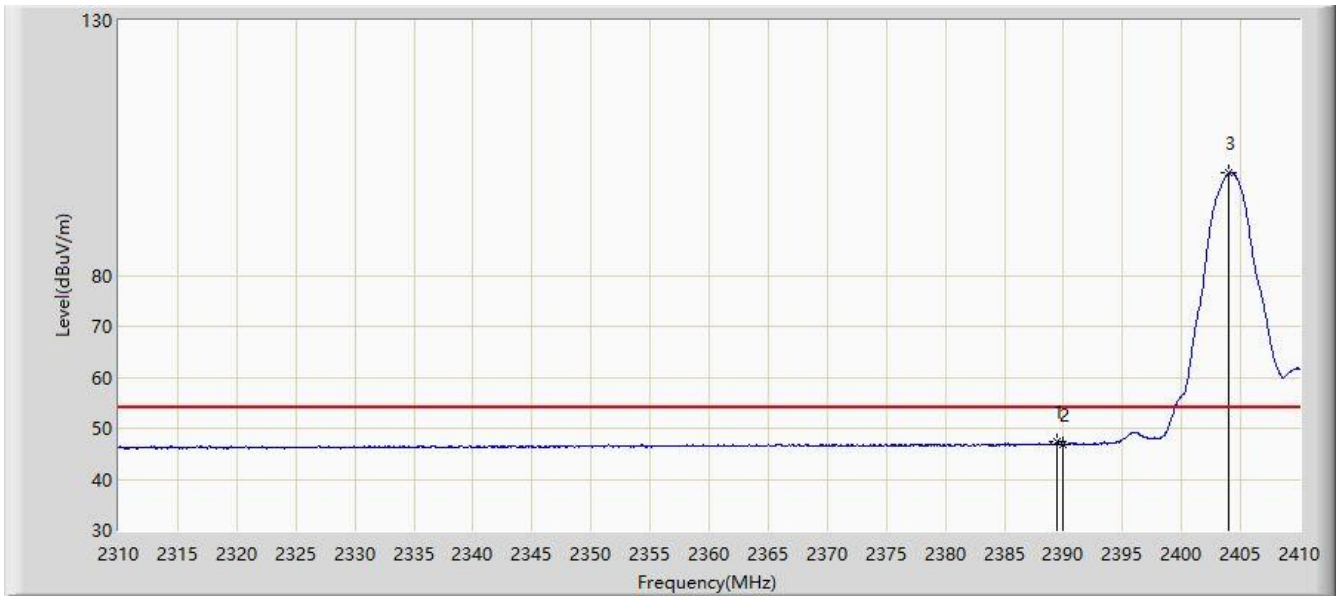


Site: SIP-AC3	Time: 2021/03/18 - 10:44
Limit: FCC_Part15_15.209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Wireless Bodypack Transmitter	Power: By Battery
Test Mode: Transmit by Full BW at channel 2404MHz	

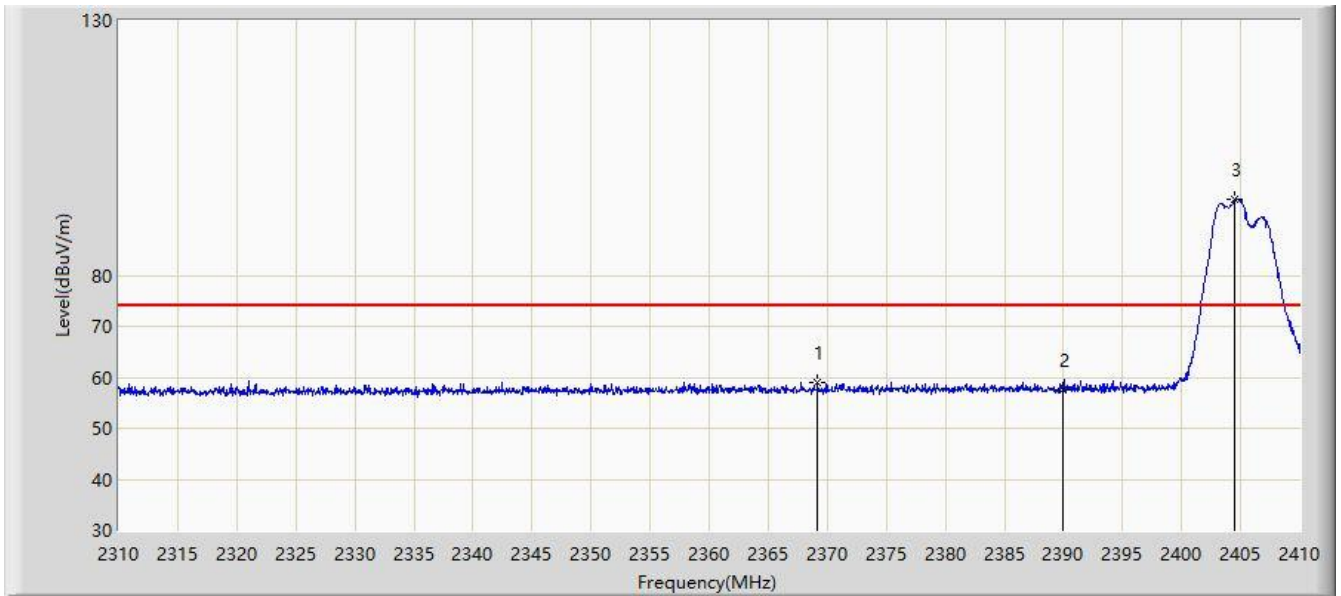


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.500	47.366	15.104	-6.634	54.000	32.263	AV
2			2390.000	46.795	14.530	-7.205	54.000	32.265	AV
3		*	2404.000	100.058	67.720	N/A	N/A	32.337	AV

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

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

Site: SIP-AC3	Time: 2021/03/18 - 10:46
Limit: FCC_Part15_15.209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Wireless Bodypack Transmitter	Power: By Battery
Test Mode: Transmit by Full BW at channel 2404MHz	

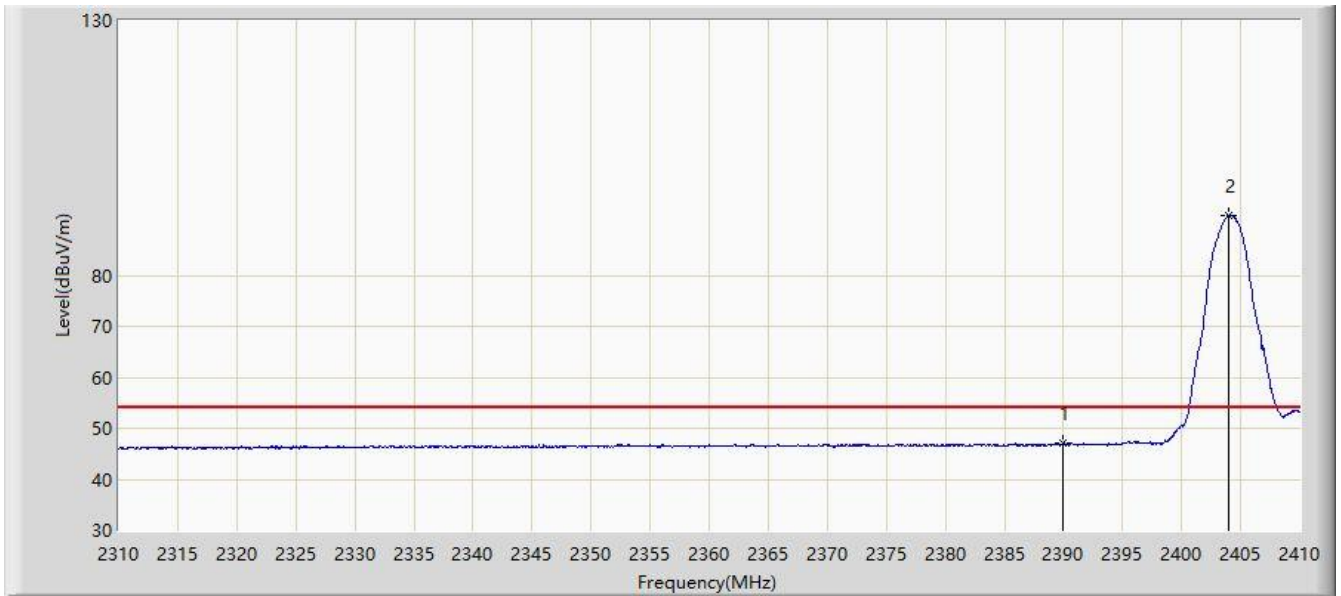


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2369.200	58.971	26.791	-15.029	74.000	32.180	PK
2			2390.000	57.598	25.333	-16.402	74.000	32.265	PK
3		*	2404.500	94.833	62.493	N/A	N/A	32.341	PK

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

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

Site: SIP-AC3	Time: 2021/03/18 - 10:49
Limit: FCC_Part15_15.209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Wireless Bodypack Transmitter	Power: By Battery
Test Mode: Transmit by Full BW at channel 2404MHz	

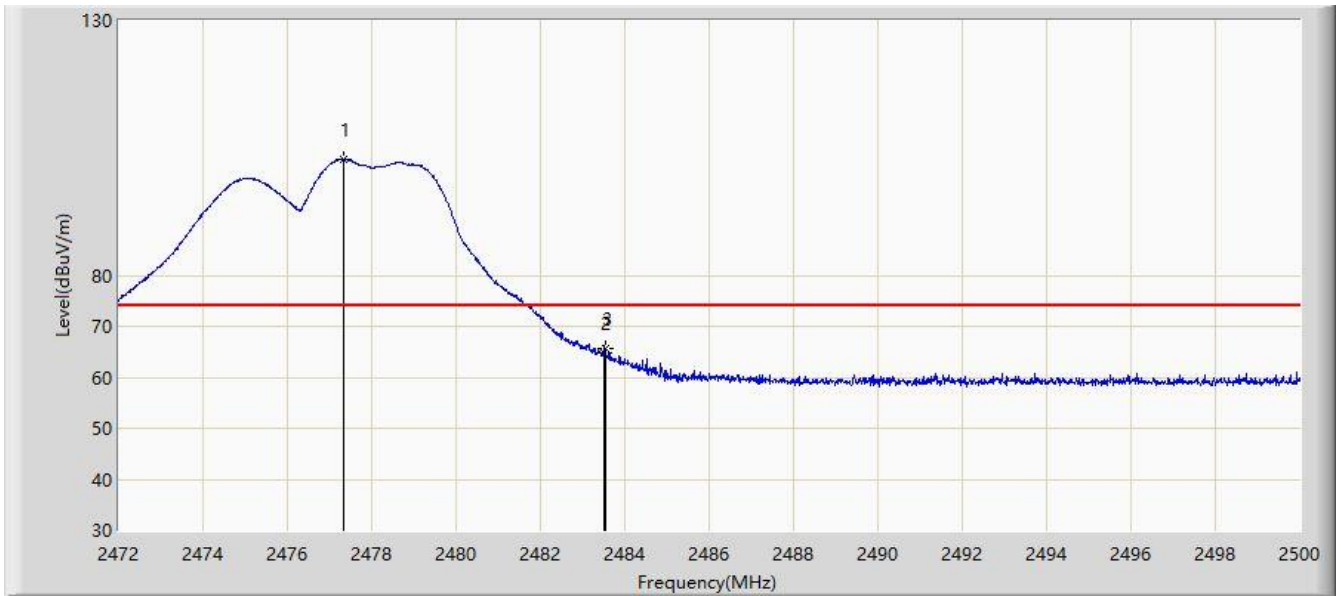


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	47.082	14.817	-6.918	54.000	32.265	AV
2		*	2403.950	91.703	59.366	N/A	N/A	32.337	AV

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

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

Site: SIP-AC3	Time: 2021/03/18 - 19:02
Limit: FCC_Part15_15.209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Wireless Bodypack Transmitter	Power: By Battery
Test Mode: Transmit by Full BW at channel 2478MHz	

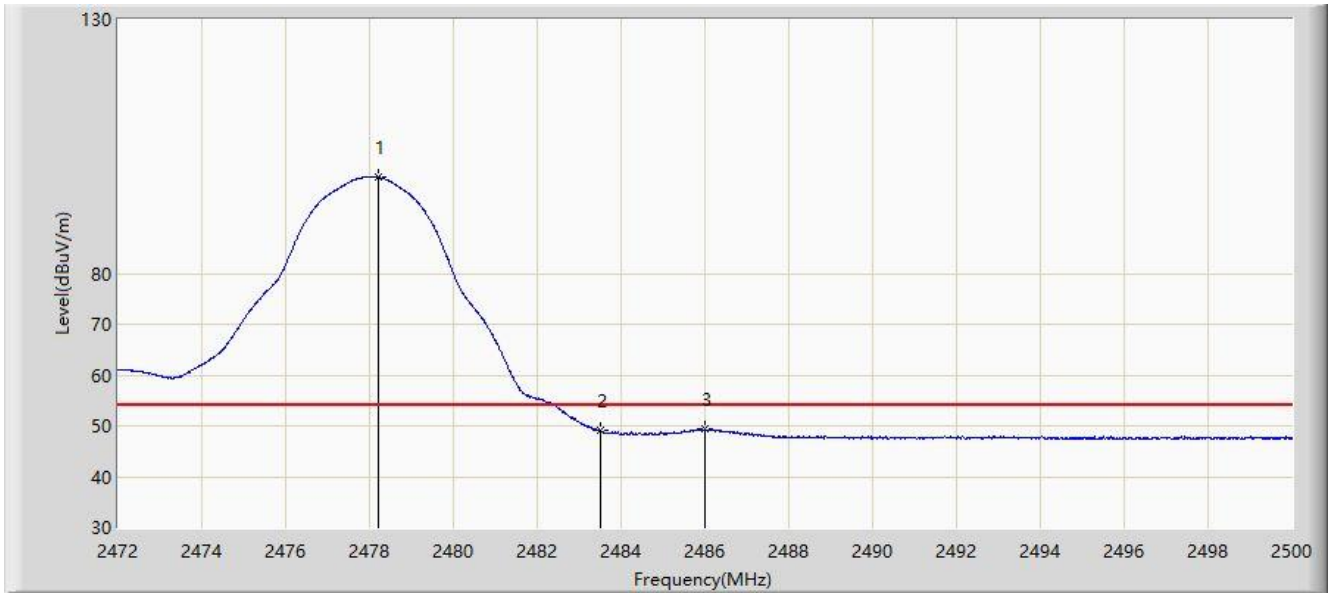


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2477.348	102.725	69.990	N/A	N/A	32.734	PK
2			2483.500	64.654	31.882	-9.346	74.000	32.772	PK
3			2483.536	65.651	32.879	-8.349	74.000	32.772	PK

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

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

Site: SIP-AC3	Time: 2021/03/18 - 19:20
Limit: FCC_Part15_15.209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Wireless Bodypack Transmitter	Power: By Battery
Test Mode: Transmit by Full BW at channel 2478MHz	

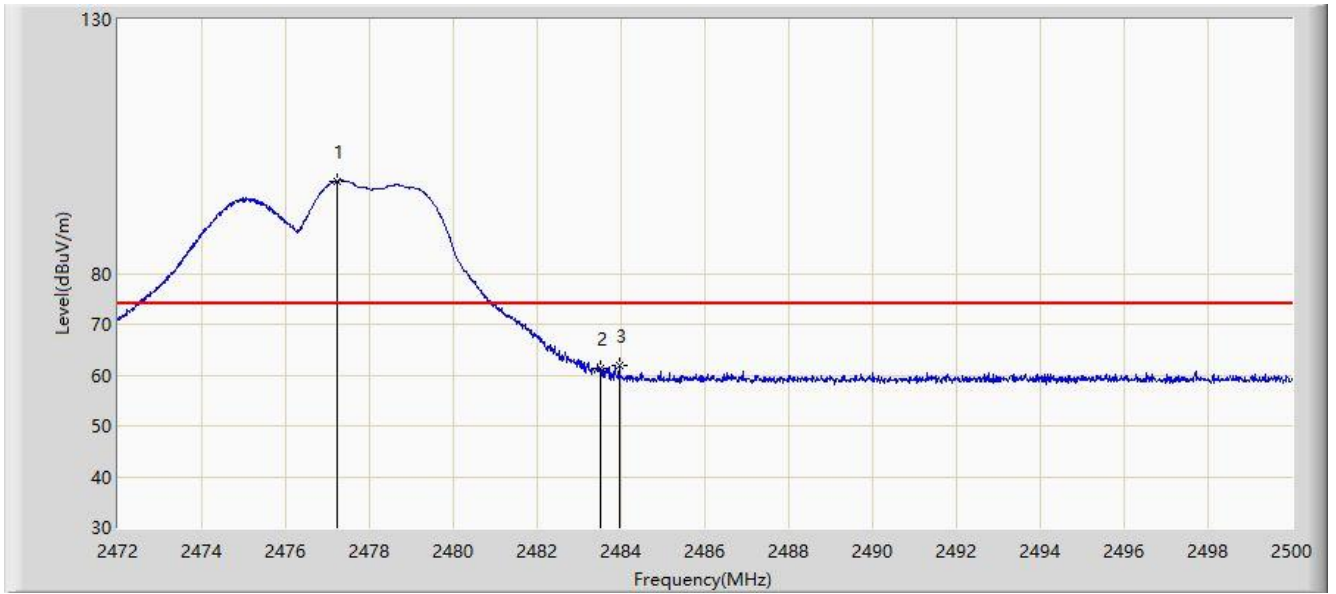


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2478.216	98.859	66.119	N/A	N/A	32.740	AV
2			2483.500	49.111	16.339	-4.889	54.000	32.772	AV
3			2485.986	49.391	16.604	-4.609	54.000	32.787	AV

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

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

Site: SIP-AC3	Time: 2021/03/18 - 19:24
Limit: FCC_Part15_15.209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Wireless Bodypack Transmitter	Power: By Battery
Test Mode: Transmit by Full BW at channel 2478MHz	

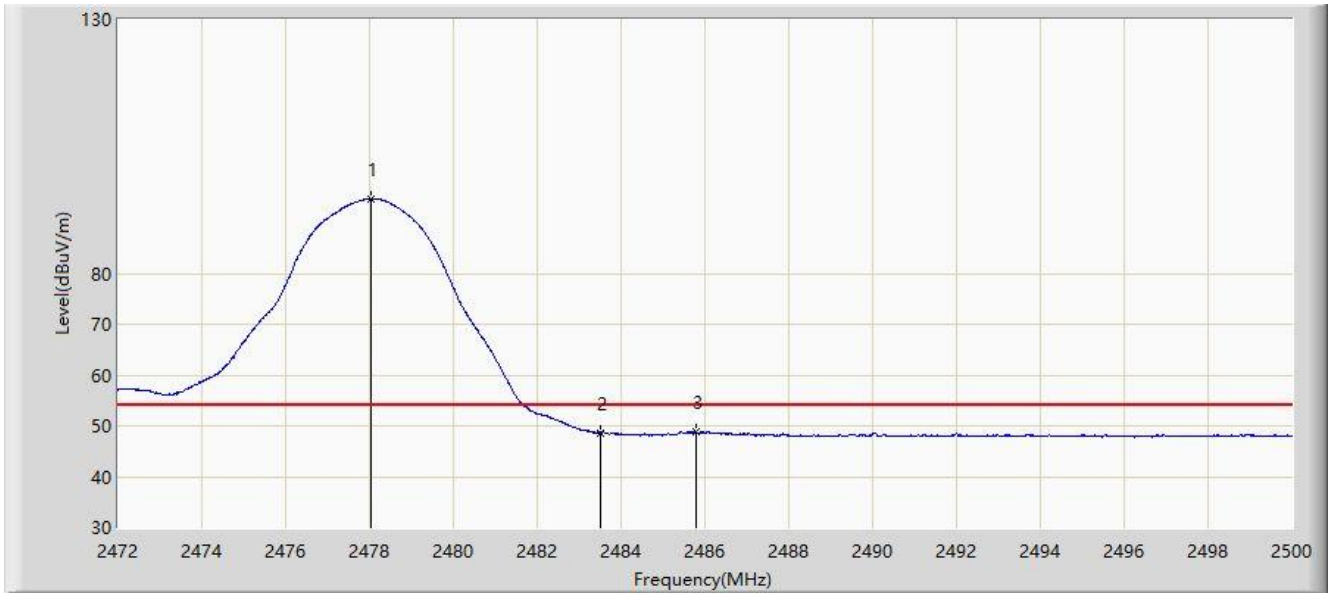


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2477.222	98.220	65.486	N/A	N/A	32.734	PK
2			2483.500	61.170	28.398	-12.830	74.000	32.772	PK
3			2483.956	61.914	29.140	-12.086	74.000	32.774	PK

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

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

Site: SIP-AC3	Time: 2021/03/18 - 19:33
Limit: FCC_Part15_15.209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Wireless Bodypack Transmitter	Power: By Battery
Test Mode: Transmit by Full BW at channel 2478MHz	

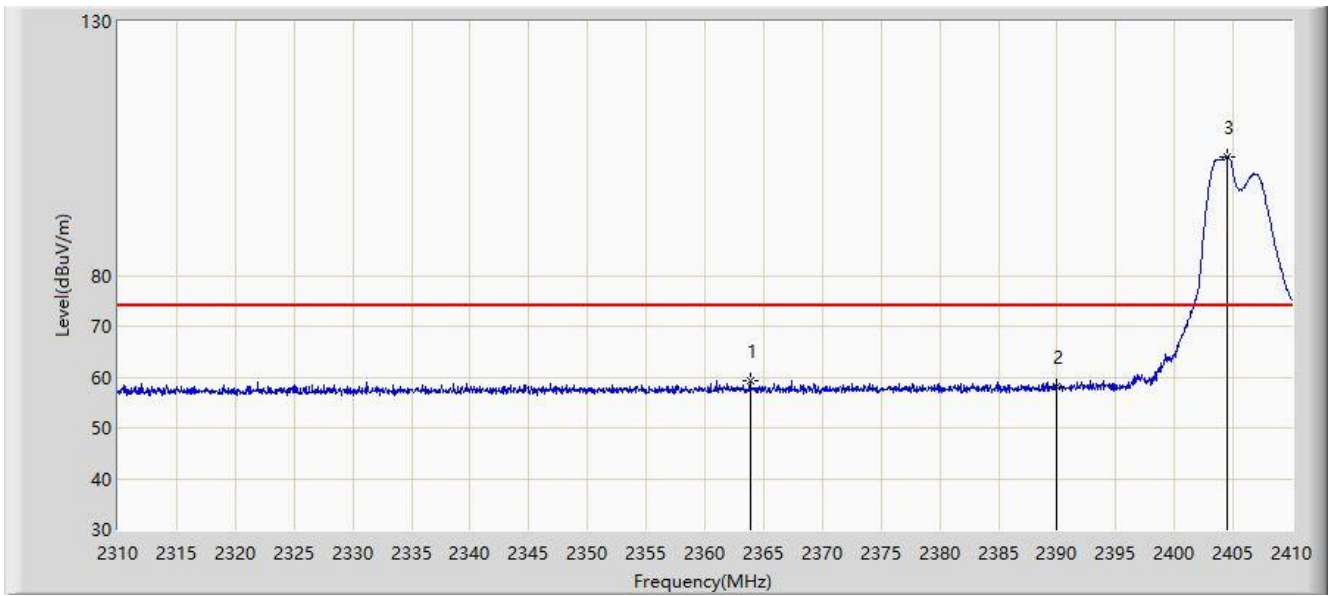


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2478.034	94.706	61.967	N/A	N/A	32.739	AV
2			2483.500	48.695	15.923	-5.305	54.000	32.772	AV
3			2485.790	48.860	16.075	-5.140	54.000	32.786	AV

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

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

Site: SIP-AC3	Time: 2021/03/18 - 11:19
Limit: FCC_Part15_15.209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Wireless Bodypack Transmitter	Power: By Battery
Test Mode: Transmit by Half BW at channel 2404MHz	

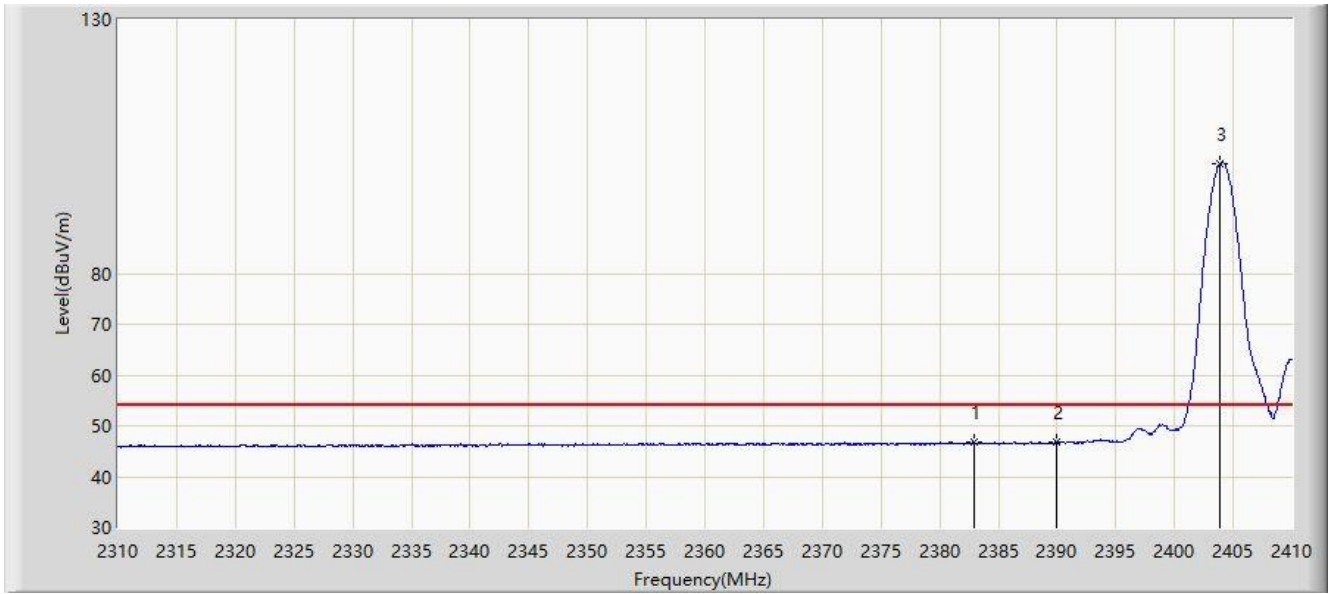


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2363.850	59.155	26.985	-14.845	74.000	32.170	PK
2			2390.000	58.245	25.980	-15.755	74.000	32.265	PK
3		*	2404.500	103.390	71.050	N/A	N/A	32.341	PK

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

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

Site: SIP-AC3	Time: 2021/03/18 - 11:23
Limit: FCC_Part15_15.209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Wireless Bodypack Transmitter	Power: By Battery
Test Mode: Transmit by Half BW at channel 2404MHz	

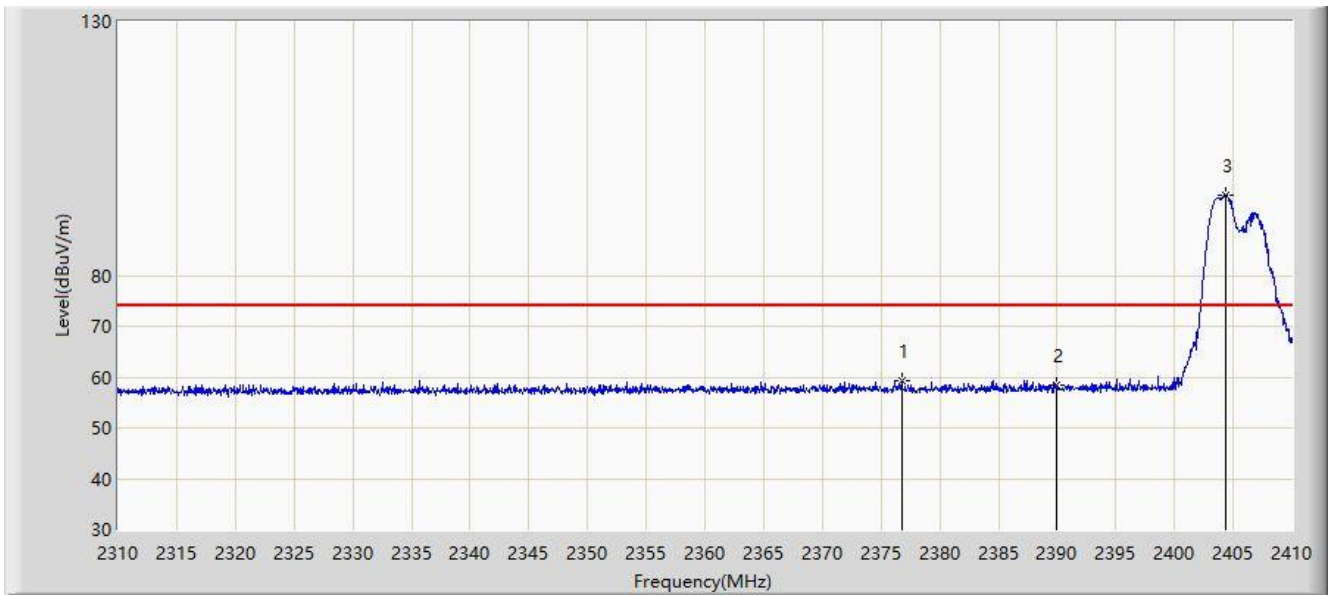


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2382.900	46.815	14.589	-7.185	54.000	32.227	AV
2			2390.000	46.728	14.463	-7.272	54.000	32.265	AV
3		*	2403.900	101.652	69.315	N/A	N/A	32.337	AV

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

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

Site: SIP-AC3	Time: 2021/03/18 - 11:24
Limit: FCC_Part15_15.209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Wireless Bodypack Transmitter	Power: By Battery
Test Mode: Transmit by Half BW at channel 2404MHz	

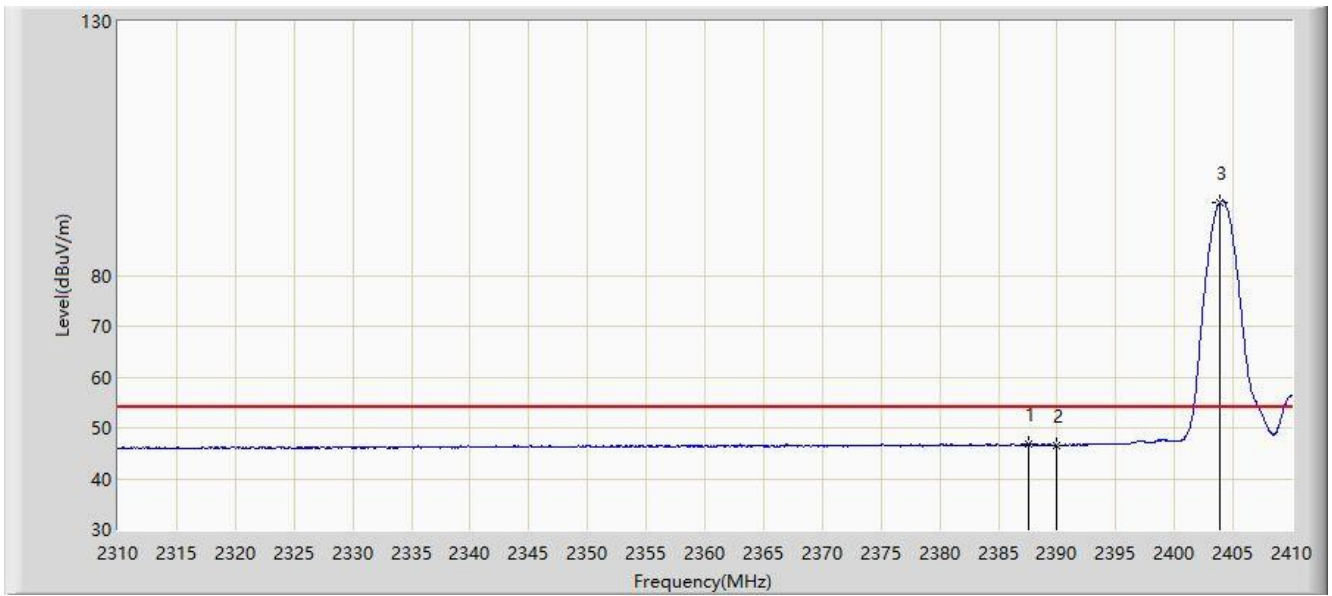


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2376.750	59.225	27.031	-14.775	74.000	32.193	PK
2			2390.000	58.262	25.997	-15.738	74.000	32.265	PK
3		*	2404.300	95.711	63.372	N/A	N/A	32.339	PK

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

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

Site: SIP-AC3	Time: 2021/03/18 - 11:28
Limit: FCC_Part15_15.209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Wireless Bodypack Transmitter	Power: By Battery
Test Mode: Transmit by Half BW at channel 2404MHz	

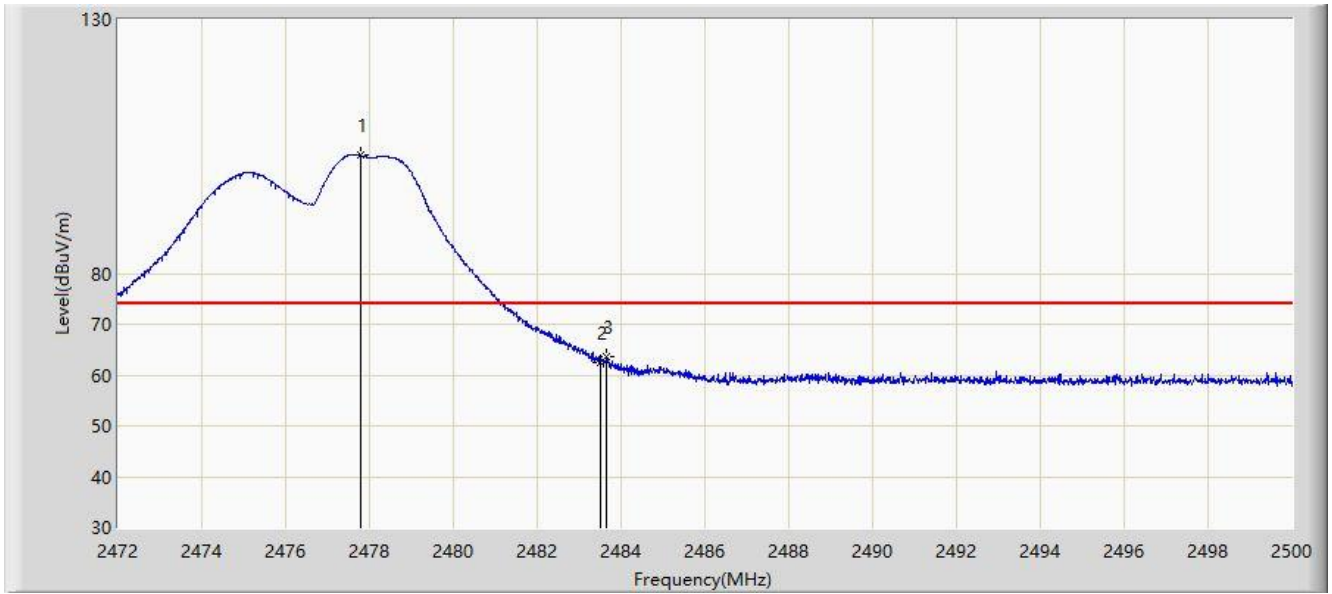


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2387.550	46.829	14.577	-7.171	54.000	32.251	AV
2			2390.000	46.625	14.360	-7.375	54.000	32.265	AV
3		*	2403.900	94.467	62.130	N/A	N/A	32.337	AV

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

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

Site: SIP-AC3	Time: 2021/03/18 - 11:38
Limit: FCC_Part15_15.209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Wireless Bodypack Transmitter	Power: By Battery
Test Mode: Transmit by Half BW at channel 2478MHz	

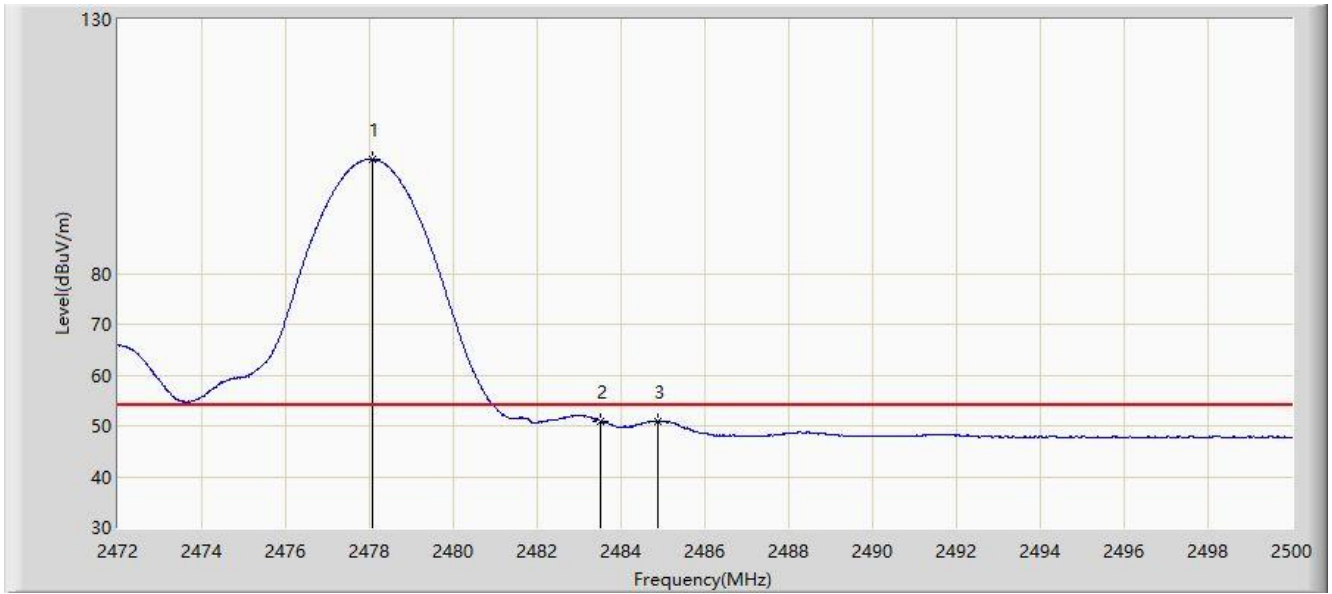


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2477.782	103.274	70.537	N/A	N/A	32.737	PK
2			2483.500	62.544	29.772	-11.456	74.000	32.772	PK
3			2483.662	63.677	30.904	-10.323	74.000	32.773	PK

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

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

Site: SIP-AC3	Time: 2021/03/18 - 11:42
Limit: FCC_Part15_15.209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Wireless Bodypack Transmitter	Power: By Battery
Test Mode: Transmit by Half BW at channel 2478MHz	

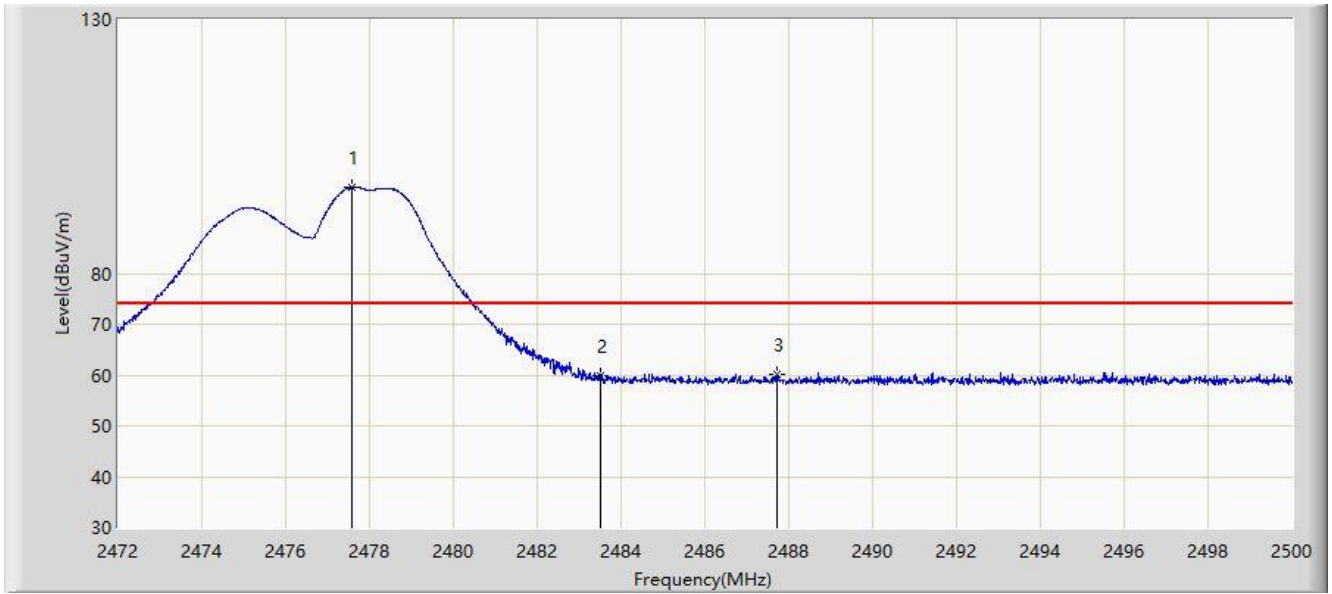


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2478.076	102.546	69.807	N/A	N/A	32.739	AV
2			2483.500	50.972	18.200	-3.028	54.000	32.772	AV
3			2484.894	51.005	18.225	-2.995	54.000	32.780	AV

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

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

Site: SIP-AC3	Time: 2021/03/18 - 11:43
Limit: FCC_Part15_15.209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Wireless Bodypack Transmitter	Power: By Battery
Test Mode: Transmit by Half BW at channel 2478MHz	

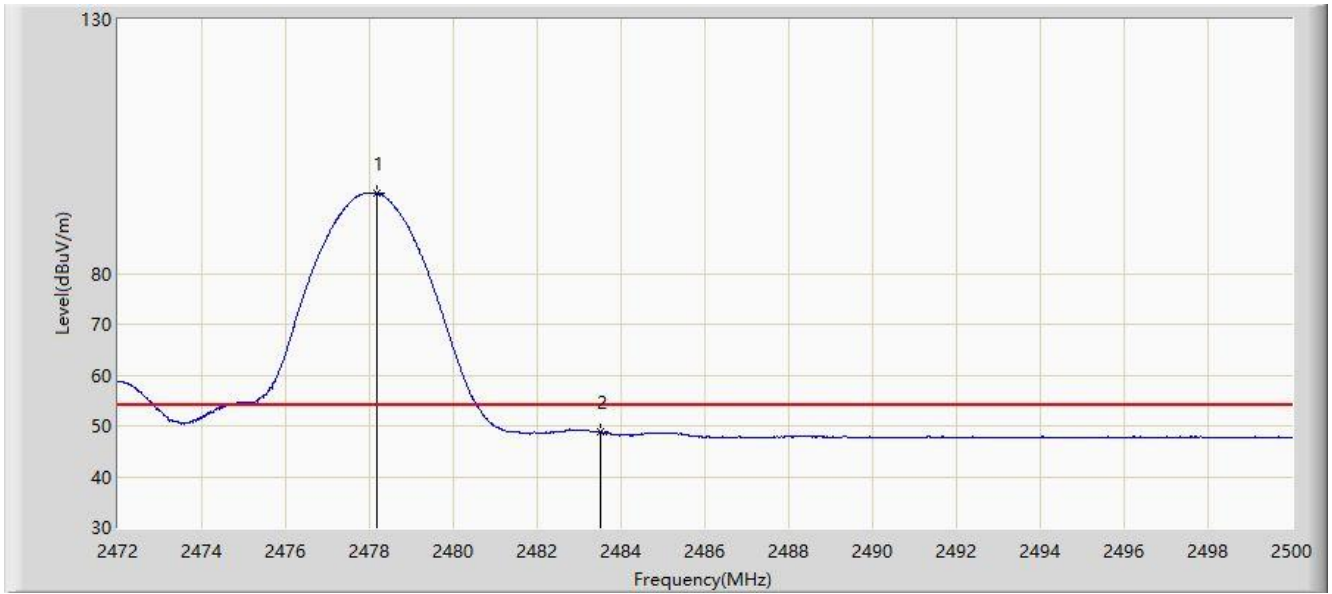


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2477.572	96.935	64.199	N/A	N/A	32.736	PK
2			2483.500	59.816	27.044	-14.184	74.000	32.772	PK
3			2487.708	60.064	27.267	-13.936	74.000	32.797	PK

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

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

Site: SIP-AC3	Time: 2021/03/18 - 11:50
Limit: FCC_Part15_15.209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Wireless Bodypack Transmitter	Power: By Battery
Test Mode: Transmit by Half BW at channel 2478MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2478.174	95.792	63.052	N/A	N/A	32.740	AV
2			2483.500	48.716	15.944	-5.284	54.000	32.772	AV

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

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

6.8. Duty Cycle Factor Measurement

6.8.1. Test Requirement

Unless otherwise specified, when the radiated emission limits are expressed in terms of the average value of the emission, and pulsed operation is employed, the measurement field strength shall be determined by averaging over one complete pulse train, including blanking intervals, as long as the pulse train does not exceed 0.1 s (100 ms). In cases where the pulse train exceeds 0.1 s, the measured field strength shall be determined during a 0.1 s interval.

The exact method of calculating the average field strength shall be submitted with any application for certification or shall be retrained in the measurement data file for equipment subject to notification or verification.

6.8.2. Test Procedures

- a. The EUT was set to communicate with GLXD4+ continuously.
- b. A horn antenna was positioned at a 3 meter distance from the EUT. The output of the antenna was connected to the input of a spectrum analyzer.
- c. The center frequency of the spectrum analyzer was set to the transmit frequency of the EUT.
- d. The frequency span of the spectrum analyzer was set to 0Hz so that the time domain trace of the transmitted pulse of the EUT was displayed on the spectrum analyzer.
- e. The sweep time of the spectrum analyzer was adjusted so that the beginning and end of a single pulse could be seen on the display of the spectrum analyzer.
- f. The single sweep function of the spectrum analyzer was used multiple times to determine the maximum pulse width of the EUT.
- g. The maximum pulse width display of the spectrum analyzer was recorded and then plotted using a 'screen dump' utility.
- h. The sweep time of the spectrum analyzer was then adjusted to 100msec.
- i. The single sweep function of the spectrum analyzer was used multiple times to determine the maximum number of transmitted pulses that occurred in a 100msec time period.

j. The maximum number of pulses transmitted in a 100msec time period was recorded and then plotted using a 'screen dump' utility.

k. The duty cycle correction was calculated using the following equation:

Duty Cycle Correction Factor (dB) = D.C. (dB)

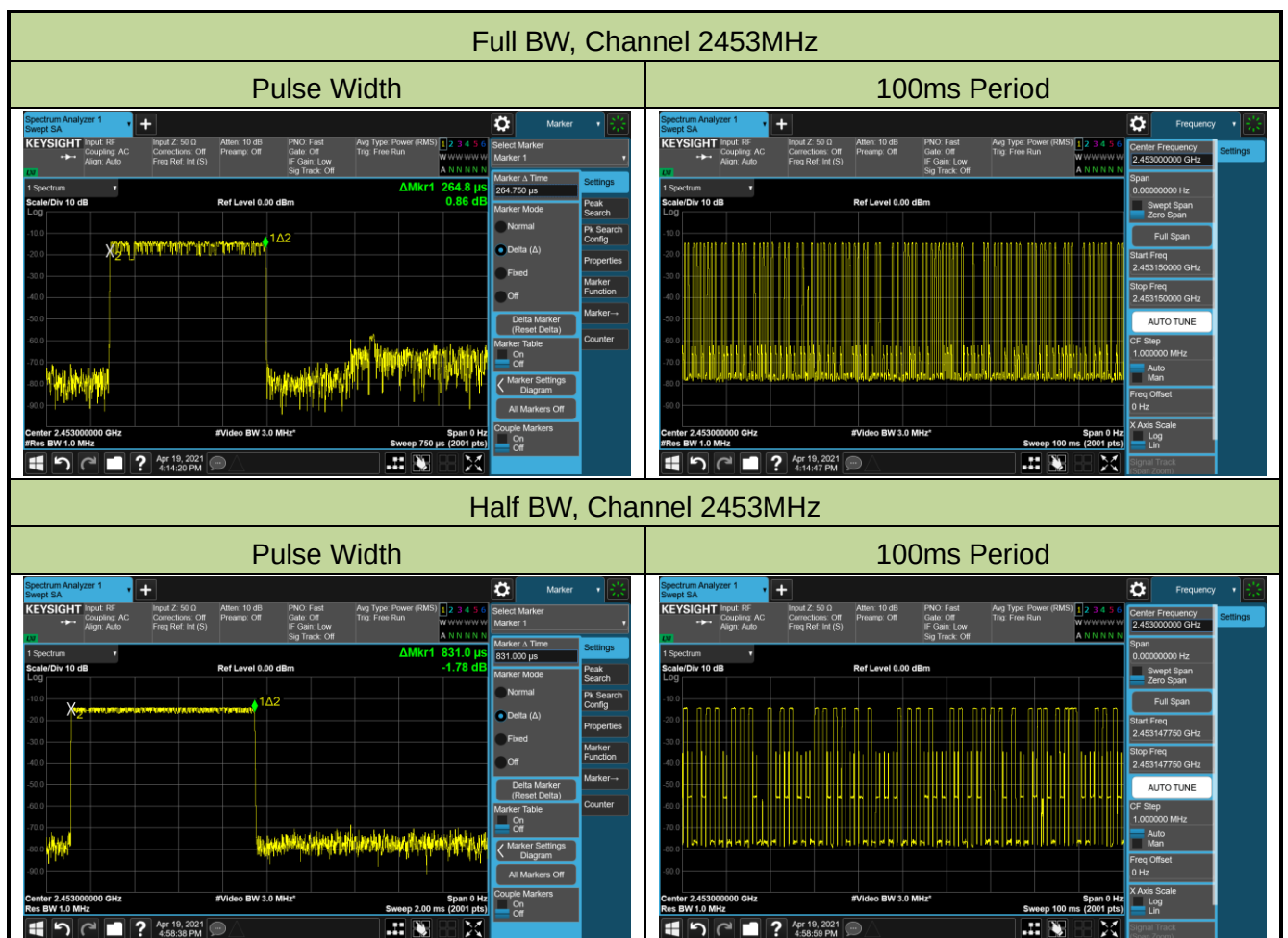
$$D.C. (dB) = 20 \times \log \left(\frac{(\text{pulse width (msec)}) \times (\text{\#pulses in a 100msecperiod})}{100\text{msec}} \right)$$

6.8.3. Test Result

Test Site	SIP-SR5	Test Engineer	Alisa Deng
Test Date	2021/04/19		

Test Mode	Frequency (MHz)	Single Pulse Width (us)	Number of Packet In 100ms	Duty Cycle Factor (dB)
Full BW	2453	264.8	86	-12.85
Half BW	2453	831.0	37	-10.24

Note: Duty Cycle Correction Factor (dB) = 20 x log (((pulse width (msec)) x (#pulses in a 100msecperiod) / 100msec).



6.9. AC Conducted Emissions Measurement

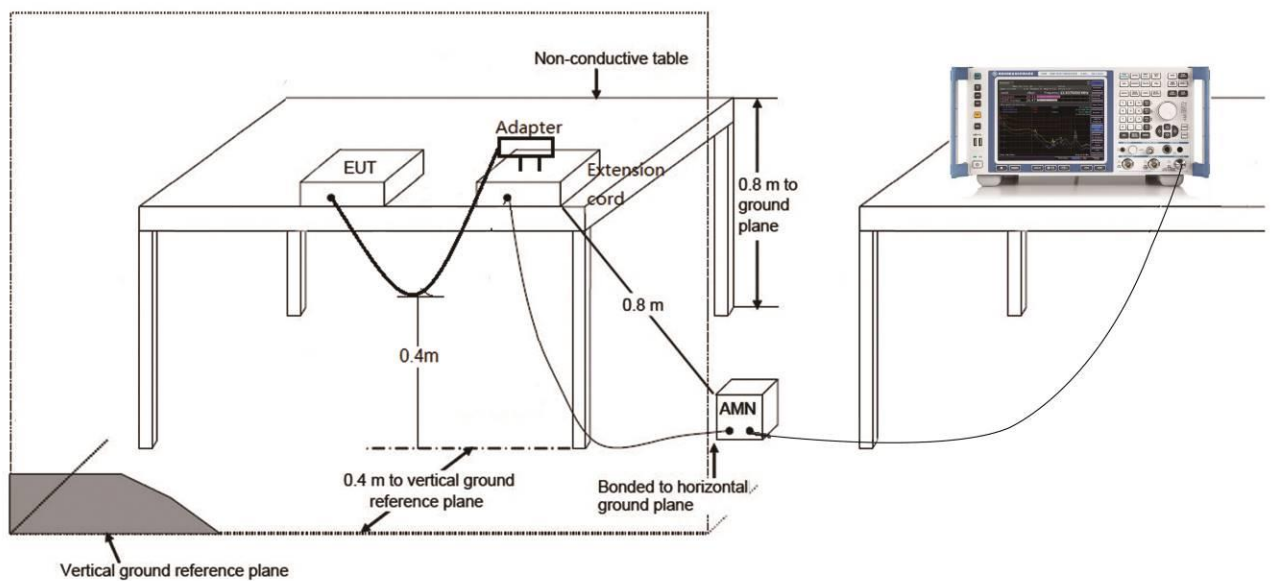
6.9.1. Test Limit

FCC Part 15 Subpart C Paragraph 15.207 Limits		
Frequency (MHz)	QP (dBuV)	AV (dBuV)
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.

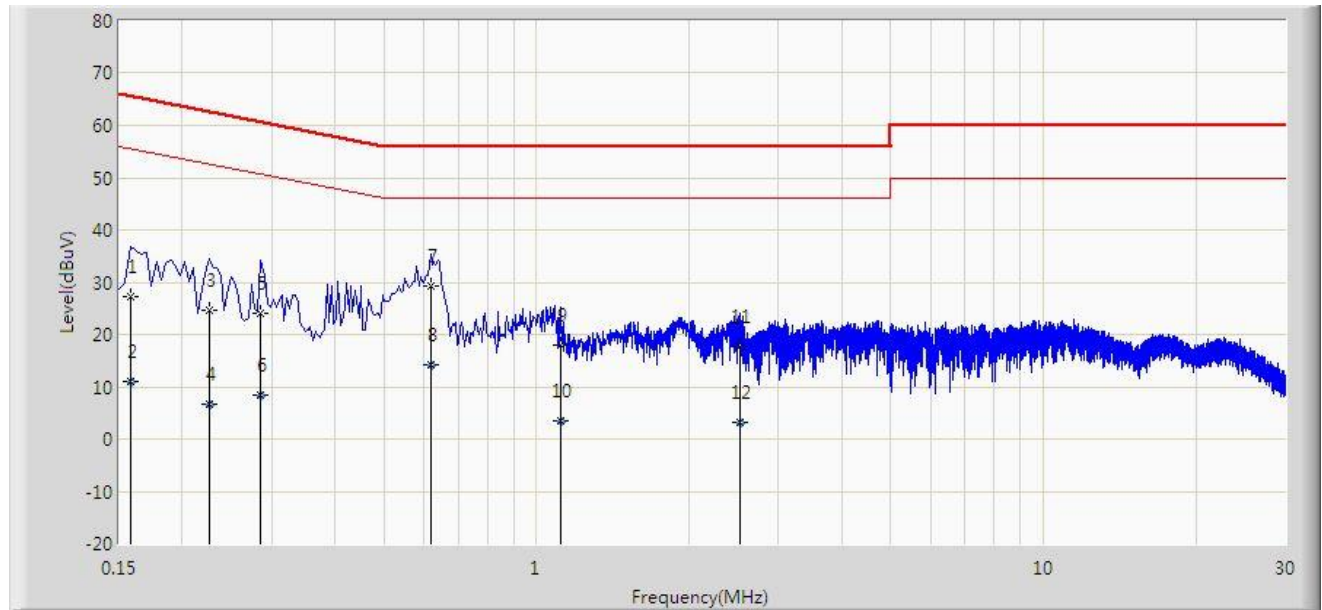
Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

6.9.2. Test Setup



6.9.3.Test Result

Site: SIP-SR2	Time: 2021/04/16 - 18:25
Limit: FCC_Part15.207_CE_AC Power	Engineer: Rupert Wang
Probe: SIP-SR2-ENV216_101684_With Connect	Polarity: Neutral
EUT: Wireless Bodypack Transmitter	Power: AC 120V/60Hz
Note: Charging	

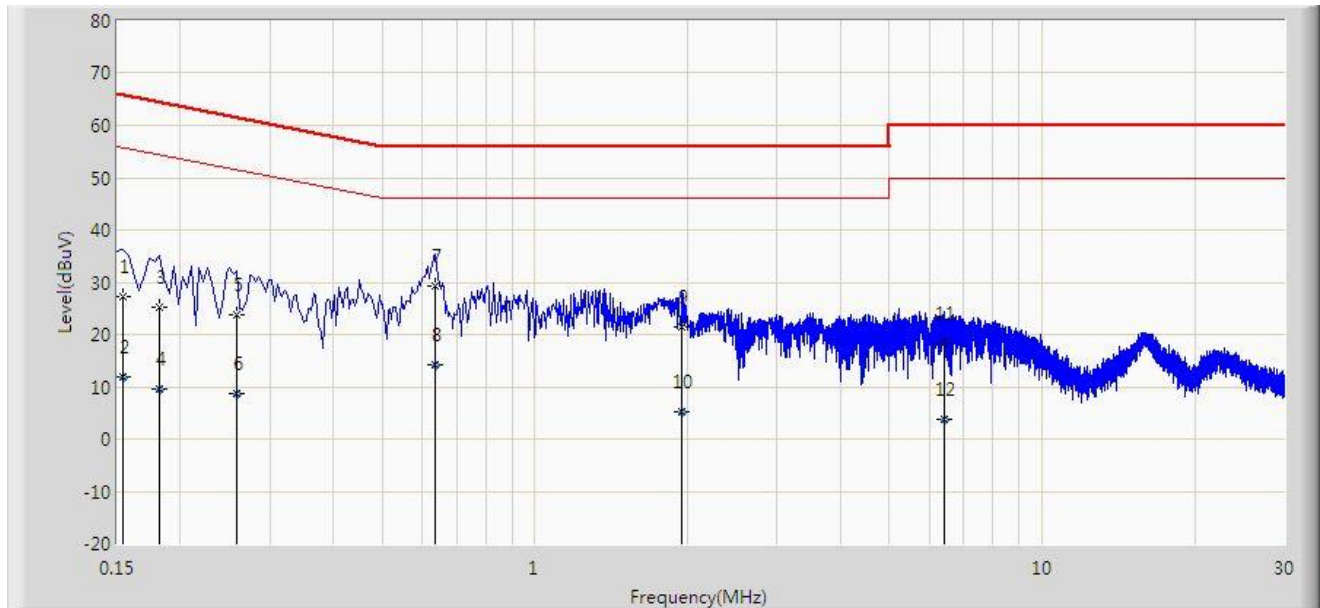


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1			0.158	27.146	17.715	-38.422	65.568	9.432	QP
2			0.158	11.000	1.568	-44.569	55.568	9.432	AV
3			0.226	24.681	15.188	-37.915	62.595	9.492	QP
4			0.226	6.633	-2.859	-45.962	52.595	9.492	AV
5			0.286	24.018	14.507	-36.622	60.640	9.511	QP
6			0.286	8.377	-1.134	-42.263	50.640	9.511	AV
7		*	0.618	29.174	19.634	-26.826	56.000	9.540	QP
8			0.618	14.112	4.572	-31.888	46.000	9.540	AV
9			1.114	17.953	8.419	-38.047	56.000	9.534	QP
10			1.114	3.352	-6.182	-42.648	46.000	9.534	AV
11			2.522	17.738	8.166	-38.262	56.000	9.572	QP
12			2.522	3.215	-6.357	-42.785	46.000	9.572	AV

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

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

Site: SIP-SR2	Time: 2021/04/16 - 18:30
Limit: FCC_Part15.207_CE_AC Power	Engineer: Rupert Wang
Probe: SIP-SR2-ENV216_101684_With Connect	Polarity: Line
EUT: Wireless Bodypack Transmitter	Power: AC 120V/60Hz
Note: Charging	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1			0.154	27.230	17.778	-38.551	65.781	9.452	QP
2			0.154	11.924	2.472	-43.858	55.781	9.452	AV
3			0.182	25.095	15.635	-39.299	64.394	9.460	QP
4			0.182	9.529	0.069	-44.865	54.394	9.460	AV
5			0.258	23.866	14.342	-37.630	61.496	9.524	QP
6			0.258	8.710	-0.813	-42.785	51.496	9.524	AV
7		*	0.634	29.394	19.834	-26.606	56.000	9.560	QP
8			0.634	14.211	4.651	-31.789	46.000	9.560	AV
9			1.946	21.503	11.933	-34.497	56.000	9.570	QP
10			1.946	5.326	-4.244	-40.674	46.000	9.570	AV
11			6.402	18.326	8.494	-41.674	60.000	9.832	QP
12			6.402	3.729	-6.103	-46.271	50.000	9.832	AV

Note: Measure Level (dBuV) = Reading Level (dBuV) + 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.

_____ The End _____

Appendix A - Test Setup Photograph

Refer to “2103RSU004-UT” file.

Appendix B - EUT Photograph

Refer to “2103RSU004-UE” file.