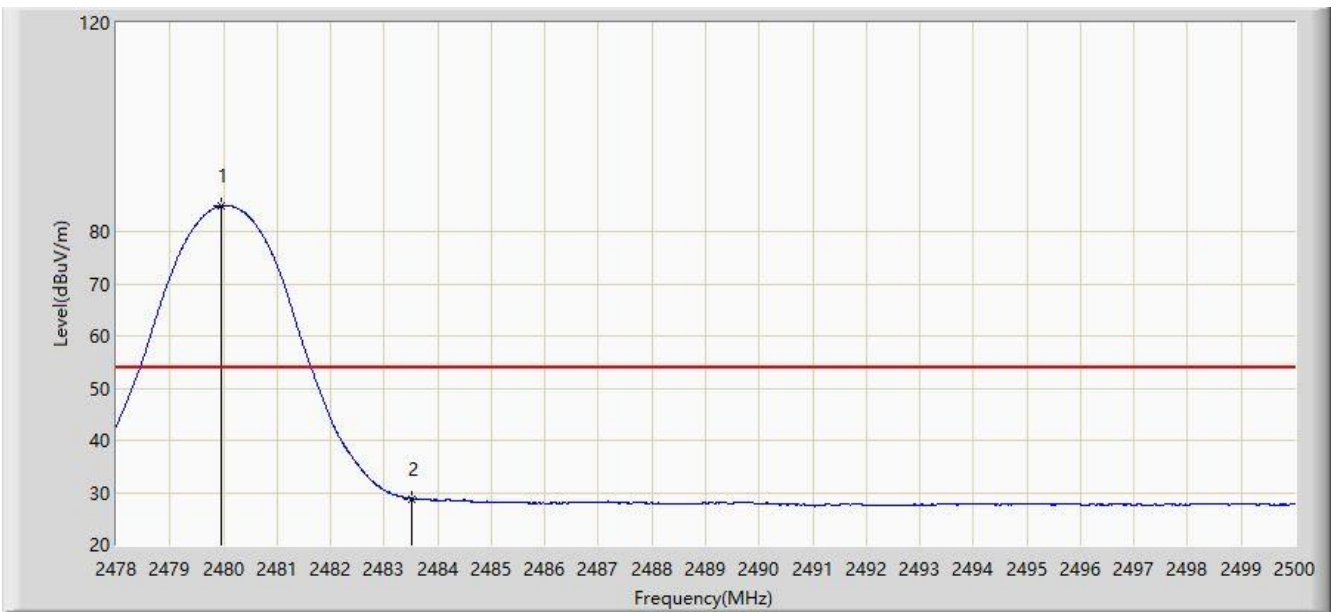


Site: AC1	Time: 2019/07/16 - 08:21
Limit: FCC_Part15.209_RE(3m)	Engineer: Cloud Guo
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Hearing protection headset	Power: By Battery
Test Mode: Transmit by BLE 1M at 2480MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.969	84.958	52.550	N/A	N/A	32.408	AV
2			2483.500	28.833	-3.582	-25.167	54.000	32.416	AV

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

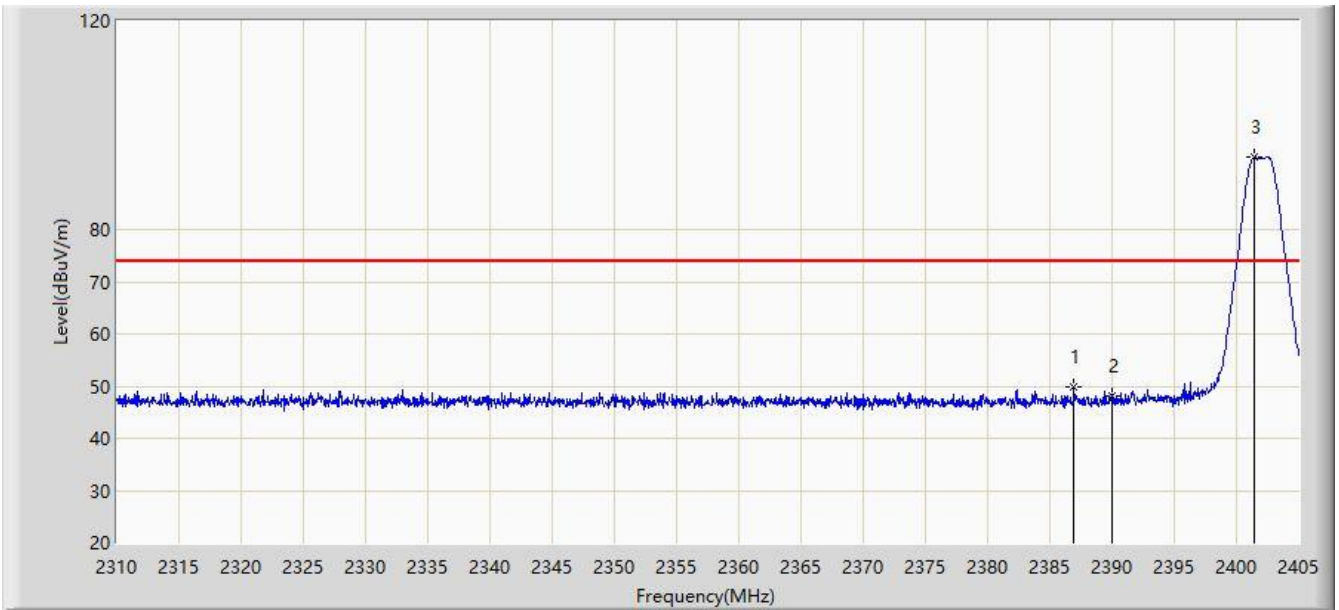
Site: AC1	Time: 2019/07/16 - 08:27
Limit: FCC_Part15.209_RE(3m)	Engineer: Cloud Guo
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Hearing protection headset	Power: By Battery
Test Mode: Transmit by BLE 1M at 2480MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.145	88.252	55.843	N/A	N/A	32.409	AV
2			2483.500	30.000	-2.415	-24.000	54.000	32.416	AV

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

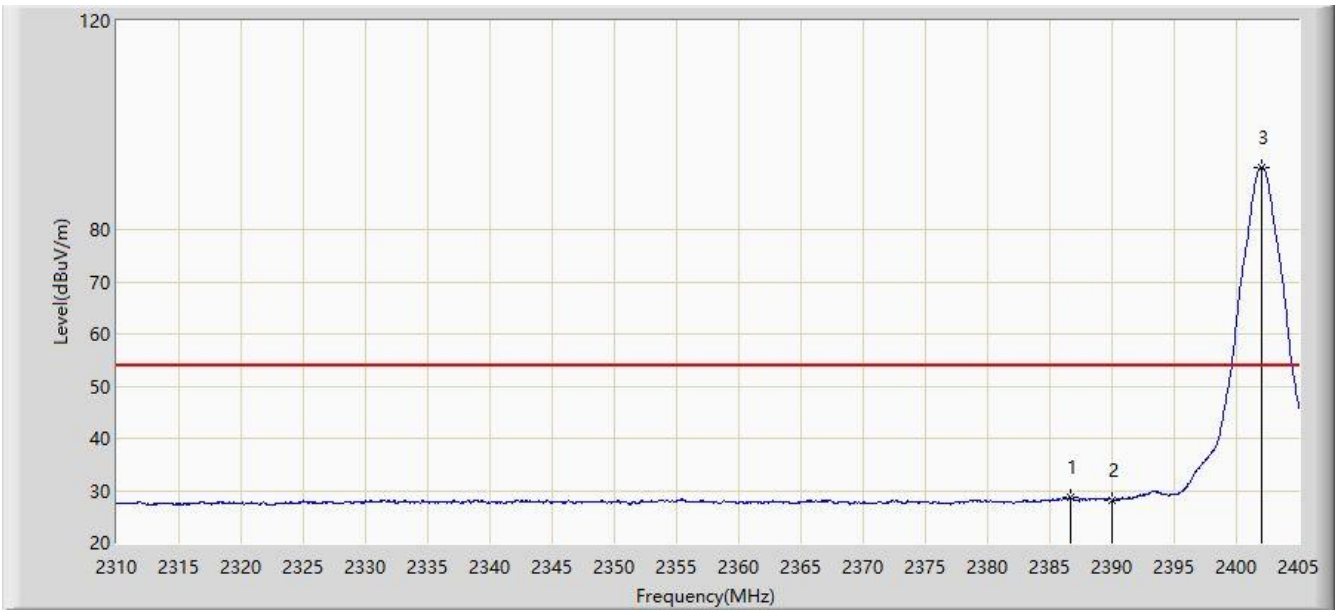
Site: AC1	Time: 2019/07/16 - 08:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Cloud Guo
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Hearing protection headset	Power: By Battery
Test Mode: Transmit by BLE 2M at 2402MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2386.950	49.998	17.580	-24.002	74.000	32.419	PK
2			2390.000	48.087	15.674	-25.913	74.000	32.413	PK
3		*	2401.390	93.787	61.390	N/A	N/A	32.397	PK

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

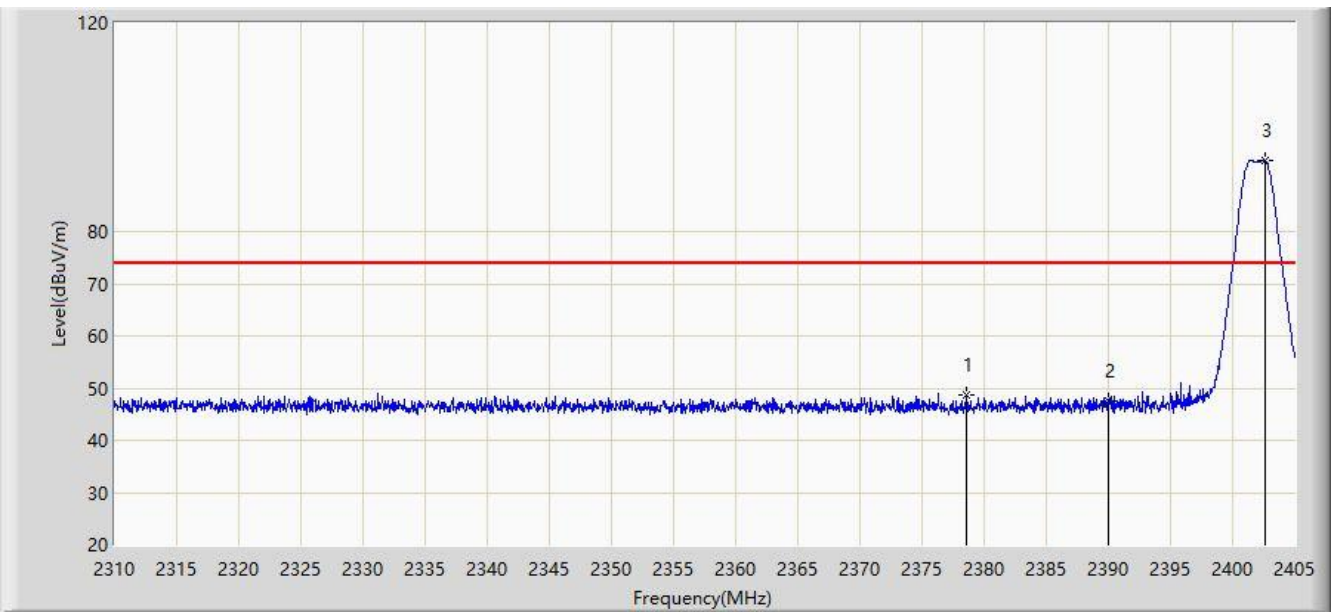
Site: AC1	Time: 2019/07/16 - 08:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Cloud Guo
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Hearing protection headset	Power: By Battery
Test Mode: Transmit by BLE 2M at 2402MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2386.617	28.644	-3.775	-25.356	54.000	32.419	AV
2			2390.000	28.163	-4.250	-25.837	54.000	32.413	AV
3		*	2402.008	92.016	59.620	N/A	N/A	32.396	AV

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

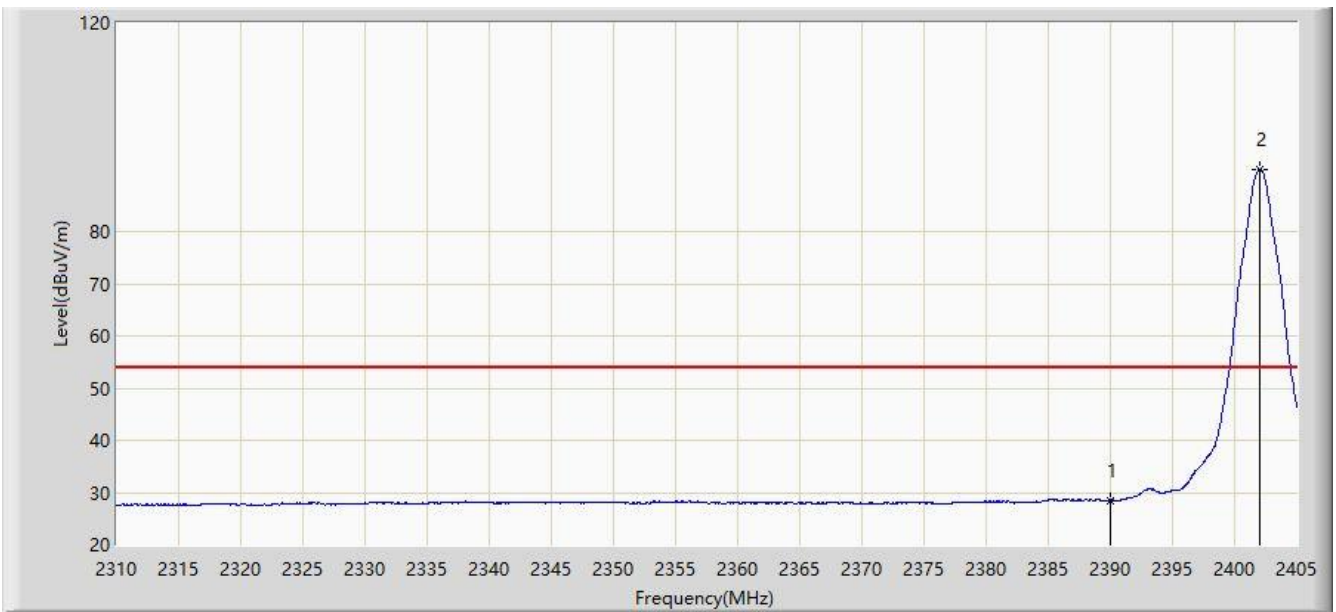
Site: AC1	Time: 2019/07/16 - 08:35
Limit: FCC_Part15.209_RE(3m)	Engineer: Cloud Guo
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Hearing protection headset	Power: By Battery
Test Mode: Transmit by BLE 2M at 2402MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2378.590	48.611	16.177	-25.389	74.000	32.433	PK
2			2390.000	47.513	15.100	-26.487	74.000	32.413	PK
3		*	2402.577	93.690	61.295	N/A	N/A	32.395	PK

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

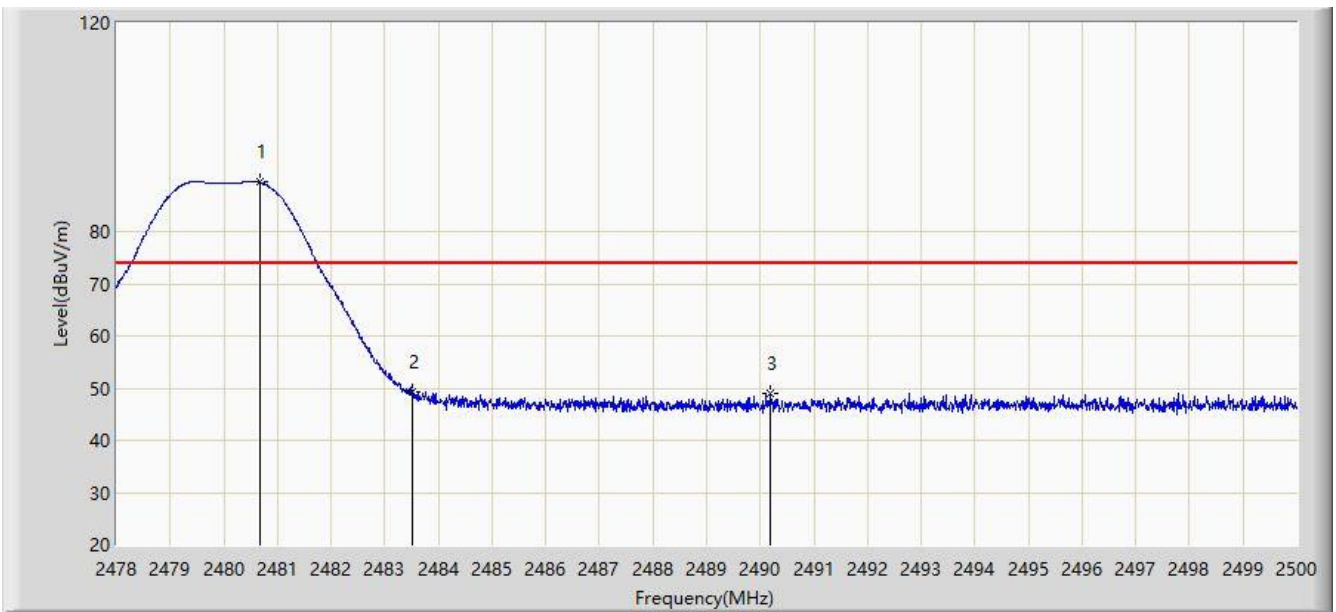
Site: AC1	Time: 2019/07/16 - 08:40
Limit: FCC_Part15.209_RE(3m)	Engineer: Cloud Guo
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Hearing protection headset	Power: By Battery
Test Mode: Transmit by BLE 2M at 2402MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	28.536	-3.877	-25.464	54.000	32.413	AV
2		*	2402.008	91.909	59.513	N/A	N/A	32.396	AV

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

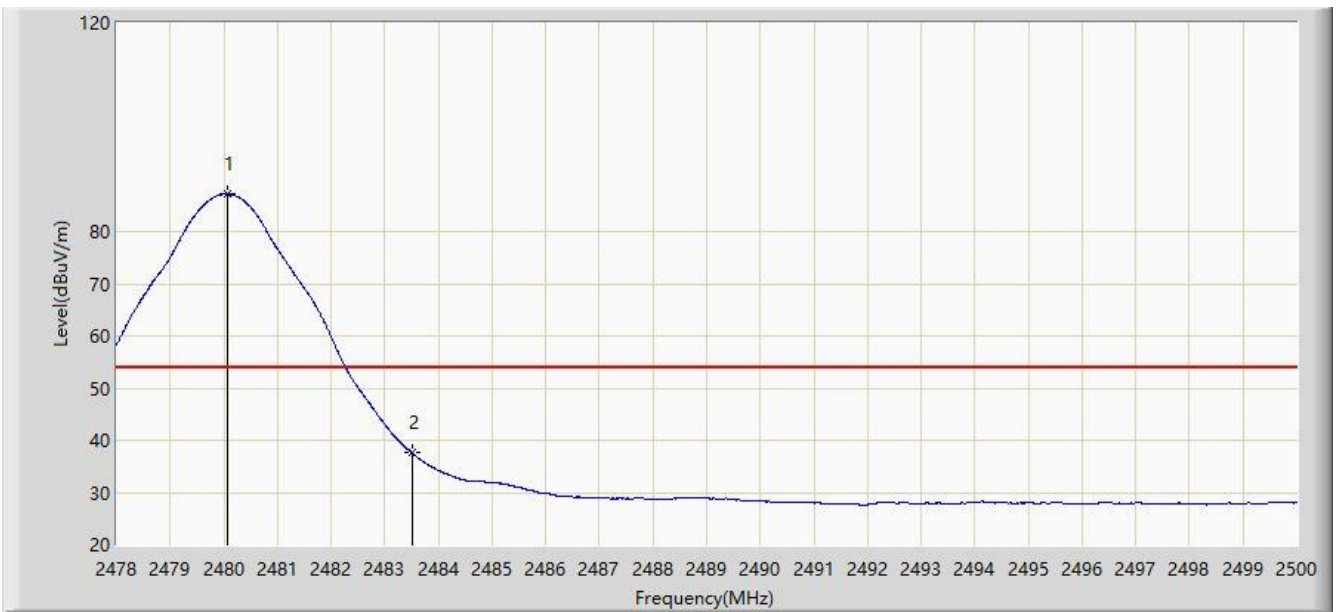
Site: AC1	Time: 2019/07/16 - 08:46
Limit: FCC_Part15.209_RE(3m)	Engineer: Cloud Guo
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Hearing protection headset	Power: By Battery
Test Mode: Transmit by BLE 2M at 2480MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.662	89.479	57.069	N/A	N/A	32.409	PK
2			2483.500	49.379	16.964	-24.621	74.000	32.416	PK
3			2490.199	49.059	16.630	-24.941	74.000	32.429	PK

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

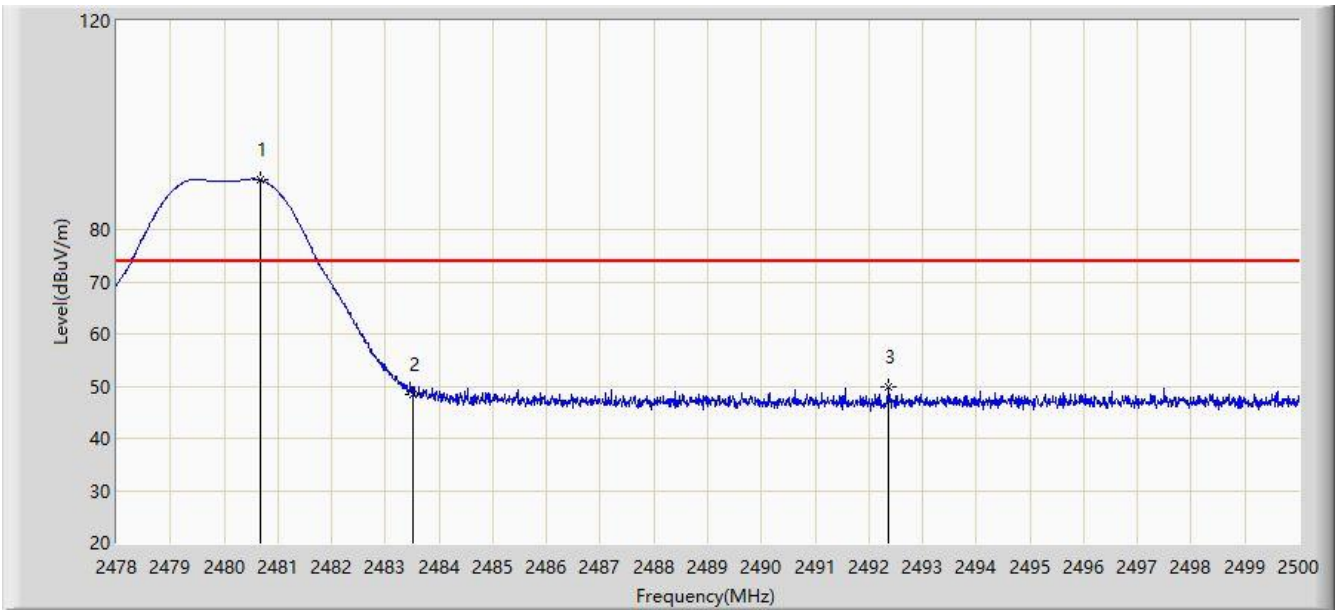
Site: AC1	Time: 2019/07/16 - 08:49
Limit: FCC_Part15.209_RE(3m)	Engineer: Cloud Guo
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Hearing protection headset	Power: By Battery
Test Mode: Transmit by BLE 2M at 2480MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.079	87.165	54.756	N/A	N/A	32.408	AV
2			2483.500	37.626	5.211	-16.374	54.000	32.416	AV

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

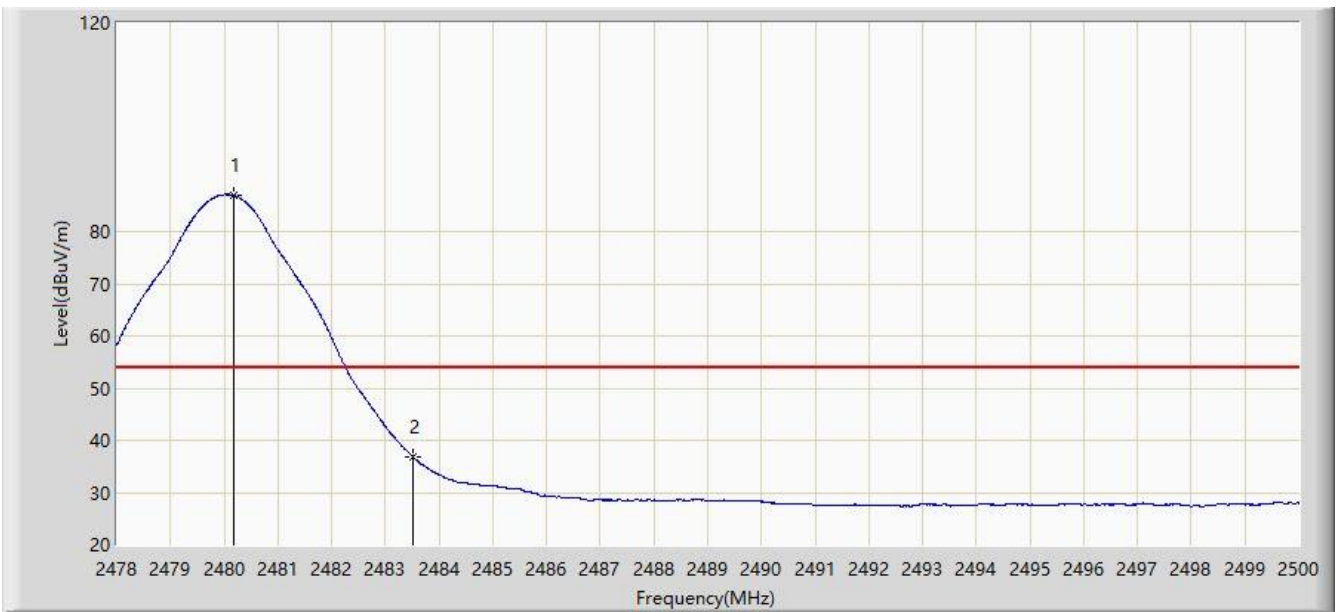
Site: AC1	Time: 2019/07/16 - 08:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Cloud Guo
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Hearing protection headset	Power: By Battery
Test Mode: Transmit by BLE 2M at 2480MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.662	89.550	57.140	N/A	N/A	32.409	PK
2			2483.500	48.541	16.126	-25.459	74.000	32.416	PK
3			2492.377	49.819	17.386	-24.181	74.000	32.433	PK

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

Site: AC1	Time: 2019/07/16 - 08:53
Limit: FCC_Part15.209_RE(3m)	Engineer: Cloud Guo
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Hearing protection headset	Power: By Battery
Test Mode: Transmit by BLE 2M at 2480MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.178	86.935	54.526	N/A	N/A	32.409	AV
2			2483.500	36.956	4.541	-17.044	54.000	32.416	AV

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

7.9. AC Conducted Emissions Measurement

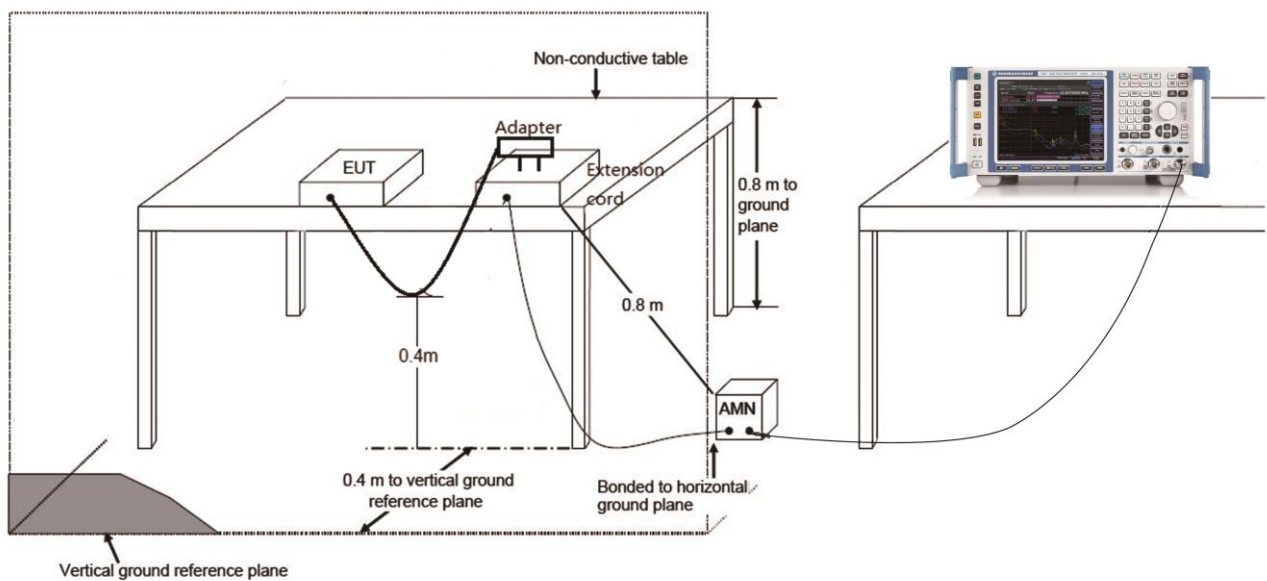
7.9.1. Test Limit

FCC Part 15 Subpart C Paragraph 15.207 Limits		
Frequency (MHz)	QP (dB X D)	Average $\bar{C} \pm \sigma$ X D
0.15 - 0.50	66 - 56	56 - 46
0.50 - 5.0	56	46
5.0 - 30	60	50

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

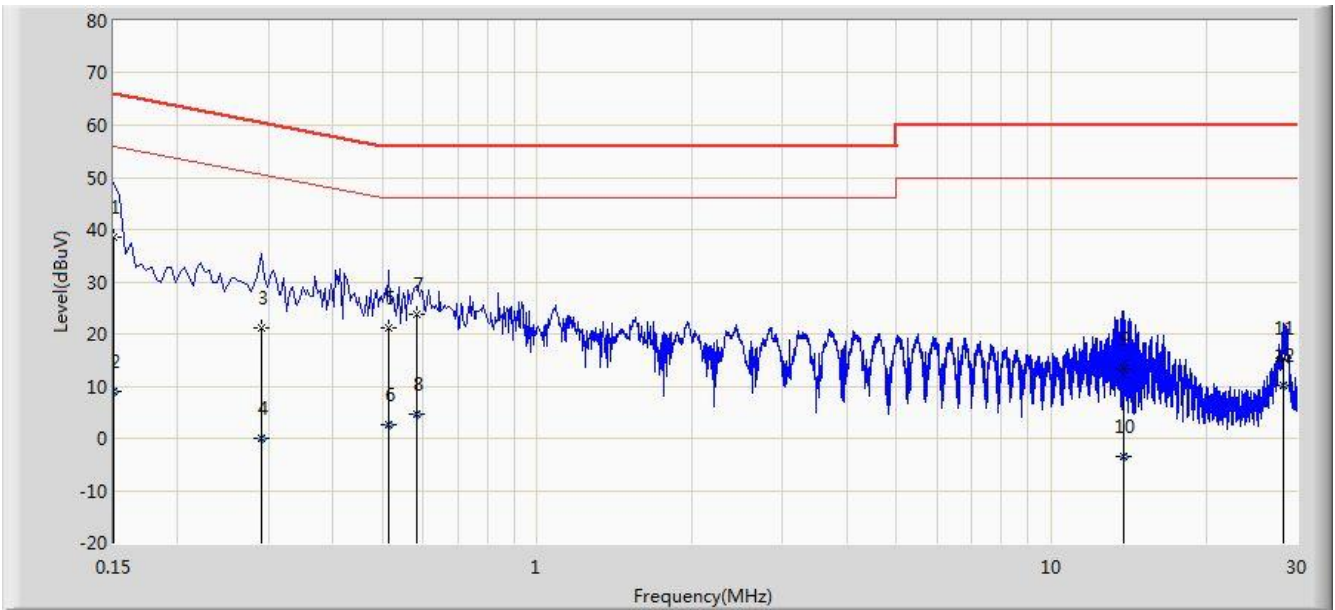
Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

7.9.2. Test Setup



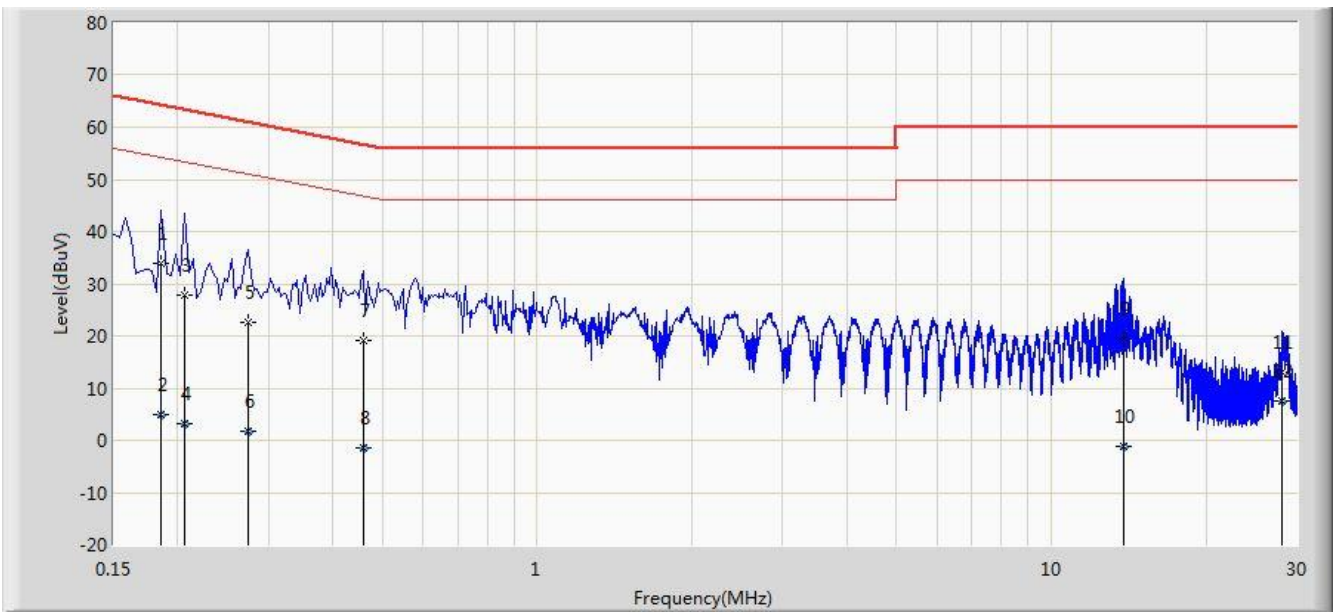
7.9.3. Test Result

Site: SR2	Time: 2019/07/23 - 10:33
Limit: FCC_Part15.207_CE_AC Power	Engineer: Liz Yuan
Probe: ENV216_101683_Filter On	Polarity: Line
EUT: Hearing protection headset	Power: AC 120V/60Hz
Test Mode: Transmit by Bluetooth-LE (1Mbps) at Channel 2402MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV)	Factor (dB)	Type
1		*	0.150	38.507	27.338	-27.493	66.000	11.168	QP
2			0.150	8.954	-2.214	-47.046	56.000	11.168	AV
3			0.290	21.148	11.151	-39.377	60.524	9.996	QP
4			0.290	0.031	-9.965	-50.493	50.524	9.996	AV
5			0.514	21.255	11.098	-34.745	56.000	10.156	QP
6			0.514	2.603	-7.553	-43.397	46.000	10.156	AV
7			0.582	23.820	13.696	-32.180	56.000	10.124	QP
8			0.582	4.523	-5.601	-41.477	46.000	10.124	AV
9			13.790	13.375	3.331	-46.625	60.000	10.043	QP
10			13.790	-3.598	-13.642	-53.598	50.000	10.043	AV
11			28.218	15.324	5.068	-44.676	60.000	10.257	QP
12			28.218	10.281	0.025	-39.719	50.000	10.257	AV

Site: SR2	Time: 2019/07/23 - 10:27
Limit: FCC_Part15.207_CE_AC Power	Engineer: Liz Yuan
Probe: ENV216_101683_Filter On	Polarity: Neutral
EUT: Hearing protection headset	Power: AC 120V/60Hz
Test Mode: Transmit by Bluetooth-LE (1Mbps) at Channel 2402MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV)	Factor (dB)	Type
1		*	0.186	33.947	23.912	-30.267	64.213	10.035	QP
2			0.186	5.024	-5.011	-49.189	54.213	10.035	AV
3			0.206	27.965	17.964	-35.400	63.365	10.001	QP
4			0.206	3.250	-6.751	-50.115	53.365	10.001	AV
5			0.274	22.591	12.573	-38.405	60.996	10.019	QP
6			0.274	1.616	-8.402	-49.380	50.996	10.019	AV
7			0.458	19.013	8.857	-37.716	56.729	10.156	QP
8			0.458	-1.590	-11.746	-48.319	46.729	10.156	AV
9			13.790	19.489	9.403	-40.511	60.000	10.086	QP
10			13.790	-1.114	-11.201	-51.114	50.000	10.086	AV
11			28.146	12.988	2.590	-47.012	60.000	10.398	QP
12			28.146	7.502	-2.896	-42.498	50.000	10.398	AV

Note: Measure Level (dB) \times = Reading Level (dB) \times + Factor (dB)

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

8. CONCLUSION

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

————— The End —————

Appendix A - Test Setup Photograph

1906RSU033-UT+ Á ~ ã | ^ È

Appendix B - EUT Photograph

Ü ^ ~ ^ | 1906RSU033-UE+ Á ~ ã | ^ È