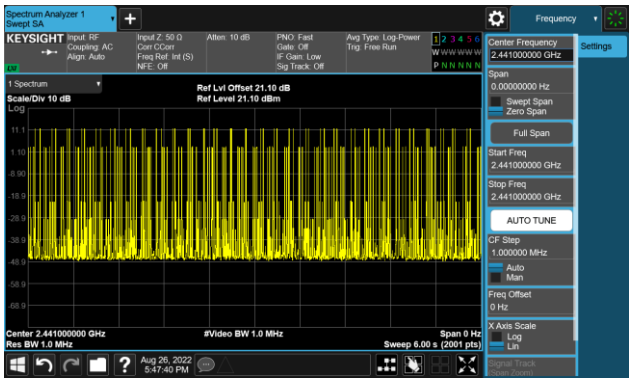
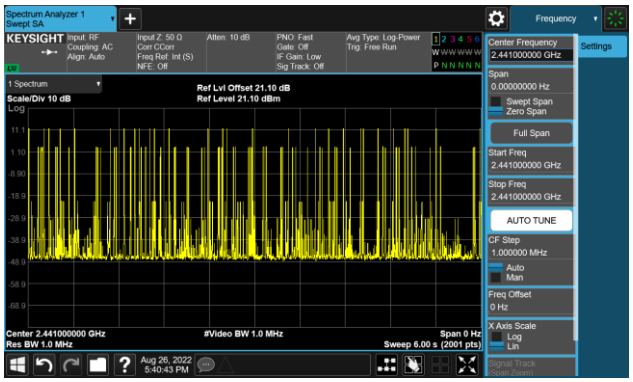
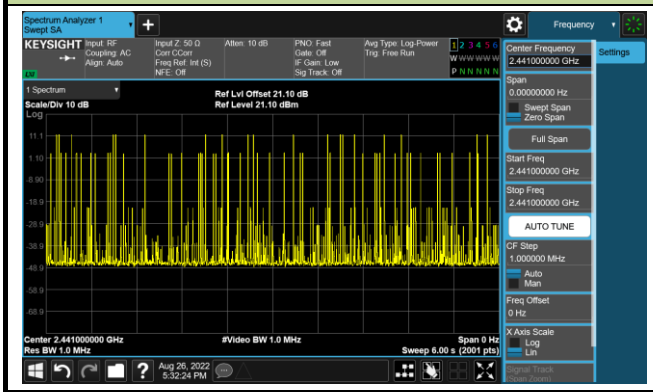
Number of Hops in Sweep Time	
DH1	DH3
	
DH5	
	

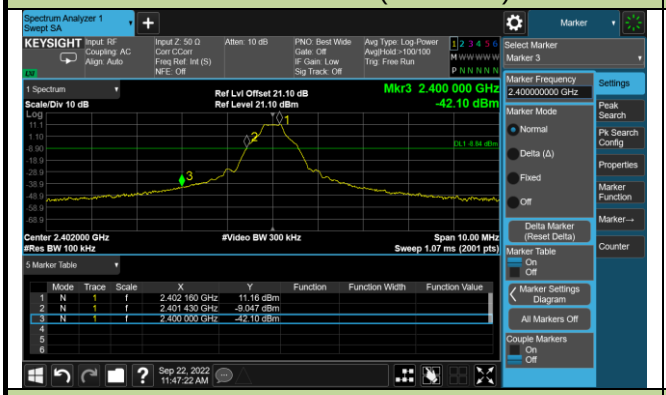
A.7 Band-edge Compliance Test Result

Test Site	SIP-TR1	Test Engineer	Nandy Zhang
Test Date	2022-08-26 ~ 2022-09-22		

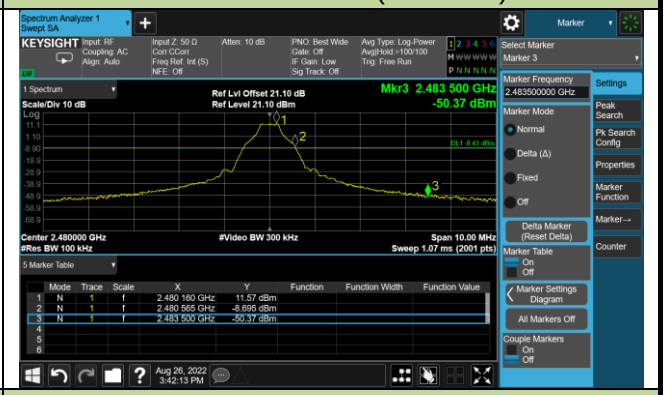
Test Mode	Channel No.	Frequency (MHz)	Limit	Result
DH5	00	2402	20dBc	Pass
DH5	78	2480	20dBc	Pass
2DH5	00	2402	20dBc	Pass
2DH5	78	2480	20dBc	Pass
3DH5	00	2402	20dBc	Pass
3DH5	78	2480	20dBc	Pass

Band-edge Compliance

DH5 - Channel 00 (2402MHz)



DH5 - Channel 78 (2480MHz)

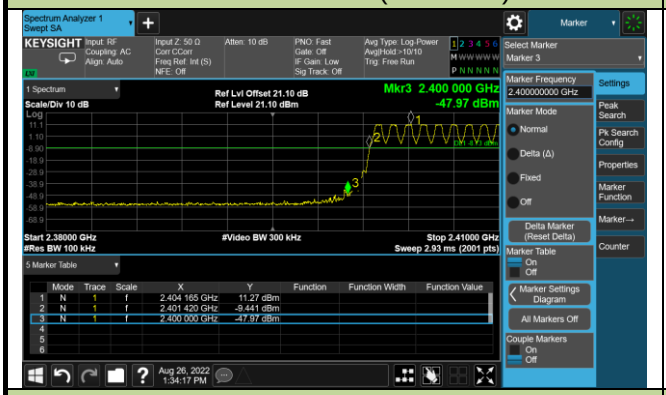
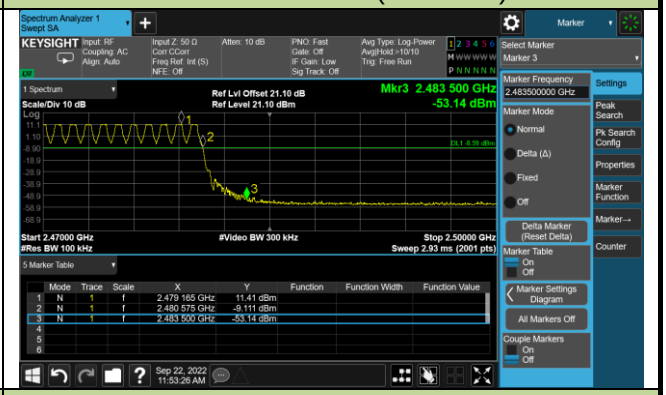
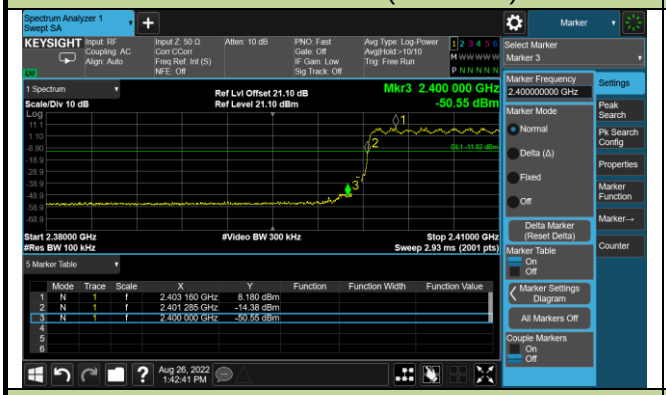
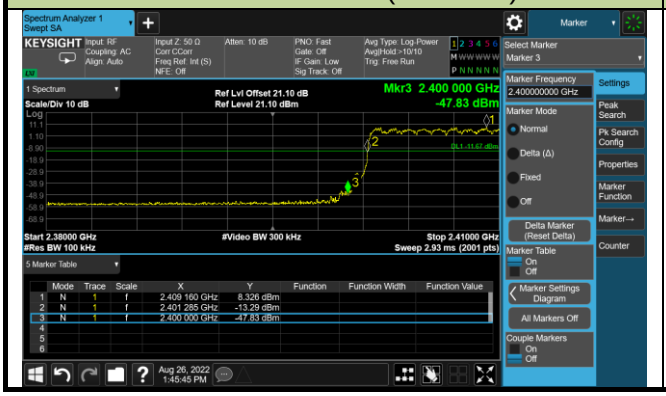
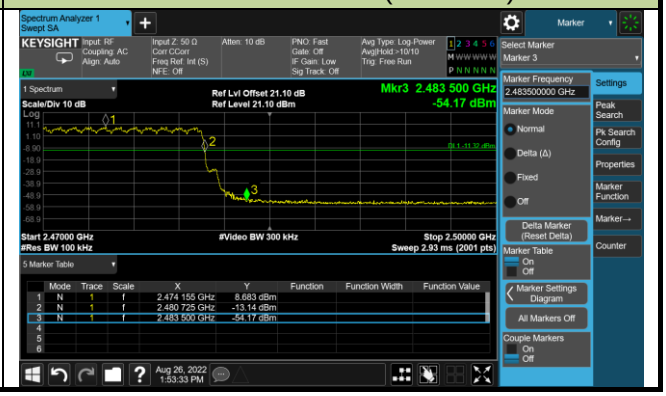


2DH5 - Channel 00 (2402MHz)

2DH5 - Channel 78 (2480MHz)

3DH5 - Channel 00 (2402MHz)

3DH5 - Channel 78 (2480MHz)

Operation Frequency Range of 20dB Bandwidth within Hopping Mode	
DH5 - Channel 00 (2402MHz)	DH5 - Channel 78 (2480MHz)
	
2DH5 - Channel 00 (2402MHz)	2DH5 - Channel 78 (2480MHz)
	
3DH5 - Channel 00 (2402MHz)	3DH5 - Channel 78 (2480MHz)
	

A.8 Conducted Spurious Emissions Test Result

Test Site	SIP-TR1	Test Engineer	Nandy Zhang
Test Date	2022-08-26 ~ 2022-09-22		

Test Mode	Channel No.	Frequency (MHz)	Limit (MHz)	Result
DH5	00	2402	20dBc	Pass
DH5	39	2441	20dBc	Pass
DH5	78	2480	20dBc	Pass
2DH5	00	2402	20dBc	Pass
2DH5	39	2441	20dBc	Pass
2DH5	78	2480	20dBc	Pass
3DH5	00	2402	20dBc	Pass
3DH5	39	2441	20dBc	Pass
3DH5	78	2480	20dBc	Pass

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)	

A.9 Radiated Spurious Emission Test Result

Test Site	SIP-AC1	Test Engineer	Arvin Ding
Test Date	2022-08-27	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	3601.0	58.9	-12.5	46.4	74.0	-27.6	Peak	Horizontal
	4799.5	53.1	-9.7	43.4	74.0	-30.6	Peak	Horizontal
	15926.0	42.5	5.6	48.1	74.0	-25.9	Peak	Horizontal
	4808.0	55.3	-9.7	45.6	74.0	-28.4	Peak	Vertical
	11591.0	47.6	-3.4	44.2	74.0	-29.8	Peak	Vertical
	15926.0	42.6	5.6	48.2	74.0	-25.8	Peak	Vertical
39	3660.5	57.3	-12.2	45.1	74.0	-28.9	Peak	Horizontal
	4884.5	52.7	-9.5	43.2	74.0	-30.8	Peak	Horizontal
	12339.0	47.2	-2.3	44.9	74.0	-29.1	Peak	Horizontal
	3660.5	57.0	-12.2	44.8	74.0	-29.2	Peak	Vertical
	4884.5	55.4	-9.5	45.9	74.0	-28.1	Peak	Vertical
	11812.0	47.0	-2.7	44.3	74.0	-29.7	Peak	Vertical
78	3720.0	57.1	-12.1	45.0	74.0	-29.0	Peak	Horizontal
	4961.0	53.9	-9.3	44.6	74.0	-29.4	Peak	Horizontal
	11931.0	46.7	-2.8	43.9	74.0	-30.1	Peak	Horizontal
	3720.0	57.0	-12.1	44.9	74.0	-29.1	Peak	Vertical
	4961.0	56.1	-9.3	46.8	74.0	-27.2	Peak	Vertical
	15926.0	44.0	5.6	49.6	74.0	-24.4	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	SIP-AC1	Test Engineer	Arvin Ding
Test Date	2022-08-27	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	4808.0	52.3	-9.7	42.6	74.0	-31.4	Peak	Horizontal
	11081.0	47.0	-3.5	43.5	74.0	-30.5	Peak	Horizontal
	15926.0	43.0	5.6	48.6	74.0	-25.4	Peak	Horizontal
	3601.0	54.8	-12.5	42.3	74.0	-31.7	Peak	Vertical
	4799.5	53.7	-9.7	44.0	74.0	-30.0	Peak	Vertical
	11591.0	47.4	-3.4	44.0	74.0	-30.0	Peak	Vertical
39	3660.5	55.8	-12.2	43.6	74.0	-30.4	Peak	Horizontal
	4884.5	53.0	-9.5	43.5	74.0	-30.5	Peak	Horizontal
	12092.5	46.4	-2.4	44.0	74.0	-30.0	Peak	Horizontal
	3660.5	55.8	-12.2	43.6	74.0	-30.4	Peak	Vertical
	4884.5	53.6	-9.5	44.1	74.0	-29.9	Peak	Vertical
	15807.0	42.9	4.9	47.8	74.0	-26.2	Peak	Vertical
78	3720.0	56.2	-12.1	44.1	74.0	-29.9	Peak	Horizontal
	4961.0	52.1	-9.3	42.8	74.0	-31.2	Peak	Horizontal
	11565.5	47.0	-3.2	43.8	74.0	-30.2	Peak	Horizontal
	3720.0	56.7	-12.1	44.6	74.0	-29.4	Peak	Vertical
	4961.0	55.0	-9.3	45.7	74.0	-28.3	Peak	Vertical
	16070.5	44.4	4.1	48.5	74.0	-25.5	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	SIP-AC1	Test Engineer	Arvin Ding
Test Date	2022-08-27	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.		

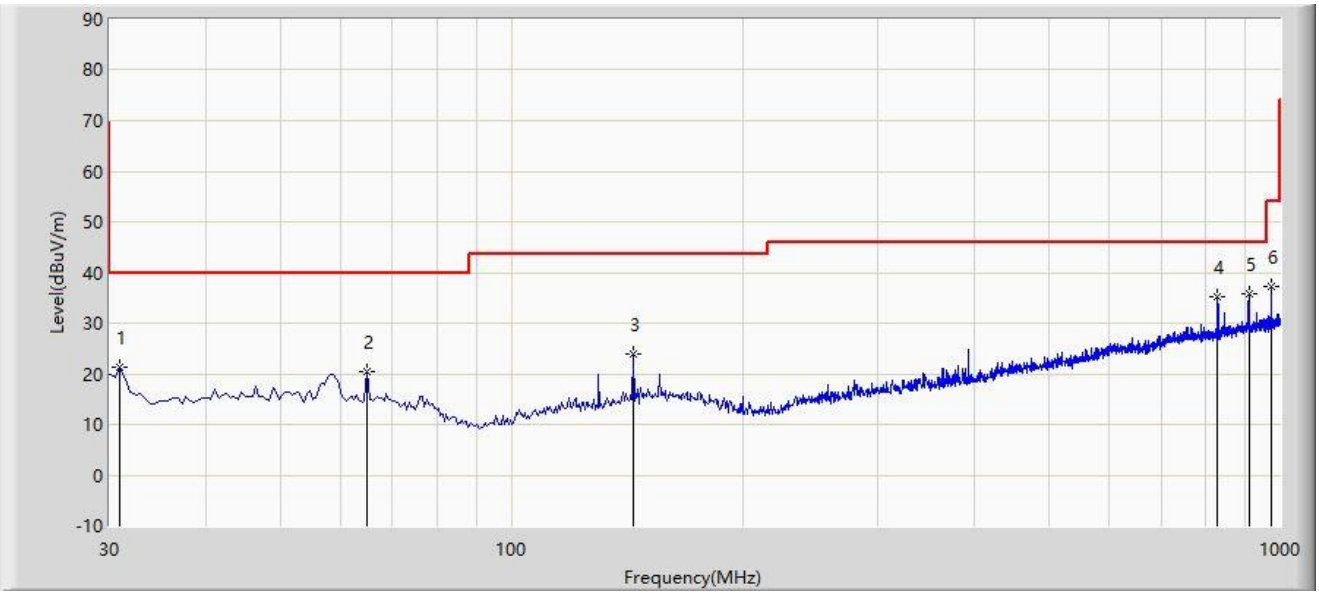
Test Channel	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
00	3601.0	55.0	-12.5	42.5	74.0	-31.5	Peak	Horizontal
	4808.0	52.0	-9.7	42.3	74.0	-31.7	Peak	Horizontal
	12483.5	46.1	-2.2	43.9	74.0	-30.1	Peak	Horizontal
	4799.5	54.0	-9.7	44.3	74.0	-29.7	Peak	Vertical
	8233.5	48.8	-5.0	43.8	74.0	-30.2	Peak	Vertical
	11744.0	46.3	-2.9	43.4	74.0	-30.6	Peak	Vertical
39	3660.5	56.1	-12.2	43.9	74.0	-30.1	Peak	Horizontal
	4884.5	52.3	-9.5	42.8	74.0	-31.2	Peak	Horizontal
	11786.5	47.1	-3.2	43.9	74.0	-30.1	Peak	Horizontal
	3660.5	55.2	-12.2	43.0	74.0	-31.0	Peak	Vertical
	4884.5	53.2	-9.5	43.7	74.0	-30.3	Peak	Vertical
	11200.0	47.8	-3.3	44.5	74.0	-29.5	Peak	Vertical
78	3720.0	56.3	-12.1	44.2	74.0	-29.8	Peak	Horizontal
	4961.0	53.5	-9.3	44.2	74.0	-29.8	Peak	Horizontal
	15926.0	42.7	5.6	48.3	74.0	-25.7	Peak	Horizontal
	3720.0	56.1	-12.1	44.0	74.0	-30.0	Peak	Vertical
	4961.0	54.7	-9.3	45.4	74.0	-28.6	Peak	Vertical
	15926.0	43.2	5.6	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)

Test Result of Radiated Spurious Emission for below 1GHz:

Site: SIP-AC2	Test Date: 2022-08-30
Limit: FCC_Part15.209_RSE(3m)	Engineer: Yien Qian
Probe: VULB 9168_00999_25-2000MHz	Polarity: Horizontal
EUT: Wireless Headphones	Power: By Battery
Test Mode: Transmit by DH5 at 2402MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		30.970	21.395	4.491	-18.605	40.000	16.903	PK
2		64.920	20.349	2.795	-19.651	40.000	17.554	PK
3		143.975	23.856	6.370	-19.644	43.500	17.486	PK
4		827.340	35.321	6.313	-10.679	46.000	29.007	PK
5	*	910.275	35.768	5.613	-10.232	46.000	30.155	PK
6		975.265	37.236	6.457	-16.764	54.000	30.779	PK

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

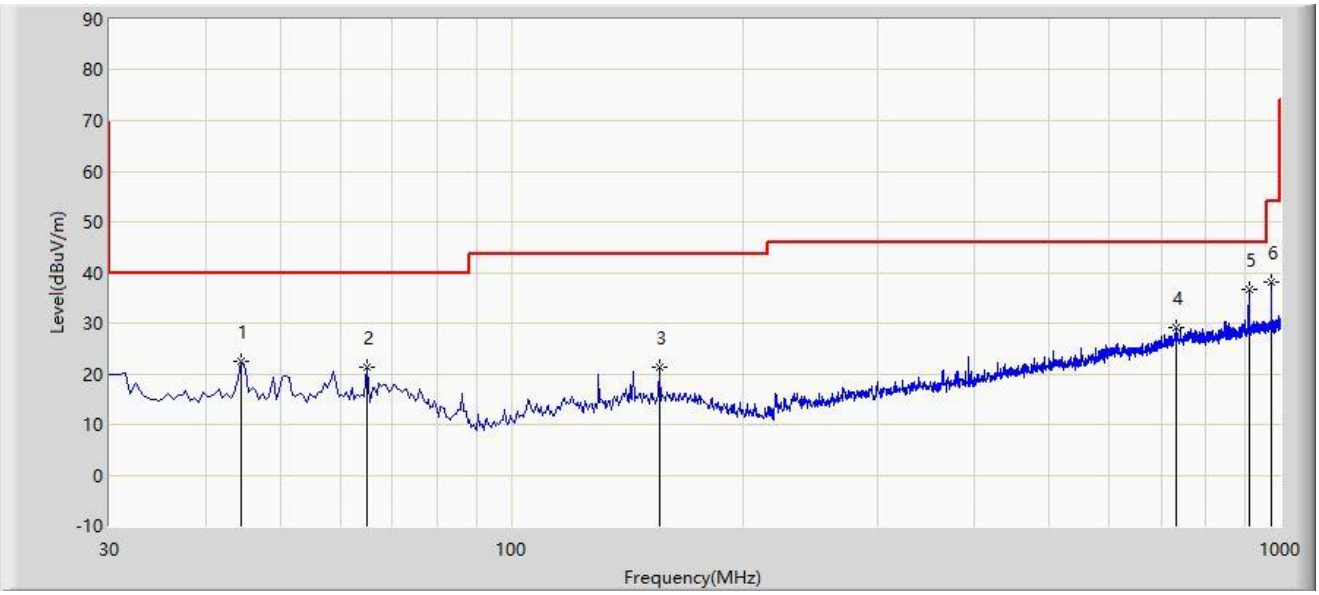
Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Note 4: Quasi-Peak measurement was not performed when peak measure level was lower than the quasi-peak limit.

Note 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: SIP-AC2	Test Date: 2022-08-30
Limit: FCC_Part15.209_RSE(3m)	Engineer: Yien Qian
Probe: VULB 9168_00999_25-2000MHz	Polarity: Vertical
EUT: Wireless Headphones	Power: By Battery
Test Mode: Transmit by DH5 at 2402MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		44.550	22.365	4.176	-17.635	40.000	18.189	PK
2		64.920	21.441	3.887	-18.559	40.000	17.554	PK
3		155.615	21.378	3.324	-22.122	43.500	18.054	PK
4		733.735	29.239	1.150	-16.761	46.000	28.089	PK
5	*	910.275	36.654	6.499	-9.346	46.000	30.155	PK
6		975.265	38.148	7.369	-15.852	54.000	30.779	PK

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

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

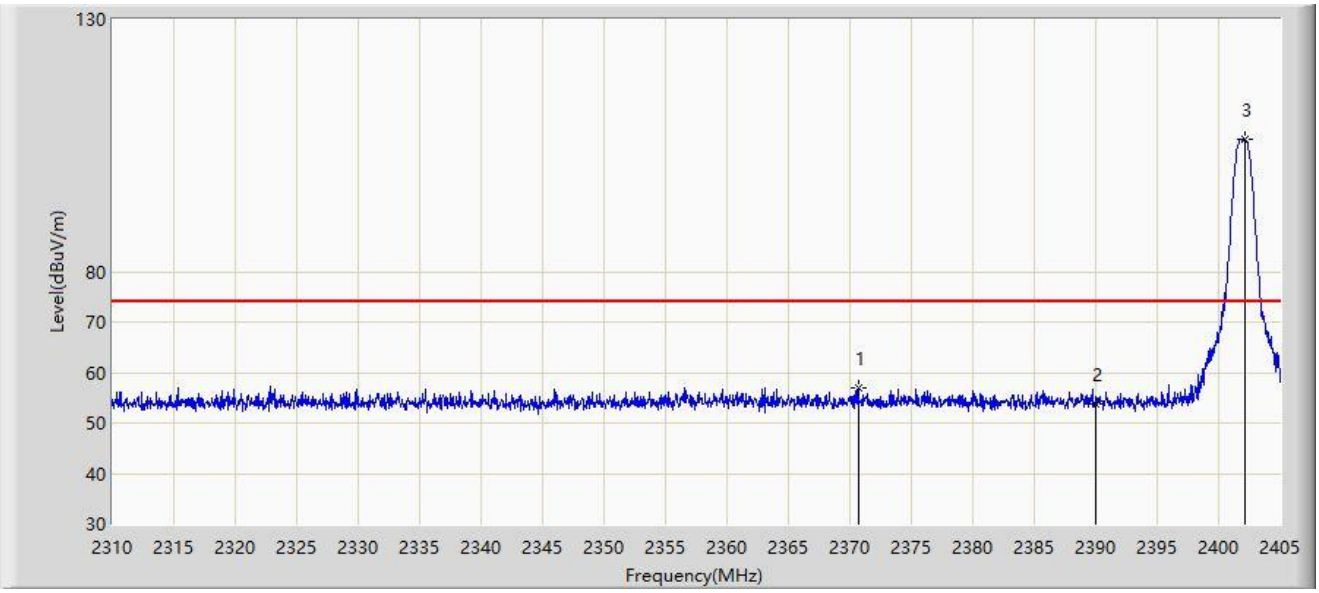
Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Note 4: Quasi-Peak measurement was not performed when peak measure level was lower than the quasi-peak limit.

Note 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: SIP-AC2	Test Date: 2022-08-26
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Yien Qian
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: Wireless Headphones	Power: By Battery
Test Mode: Transmit by DH5 at 2402MHz	



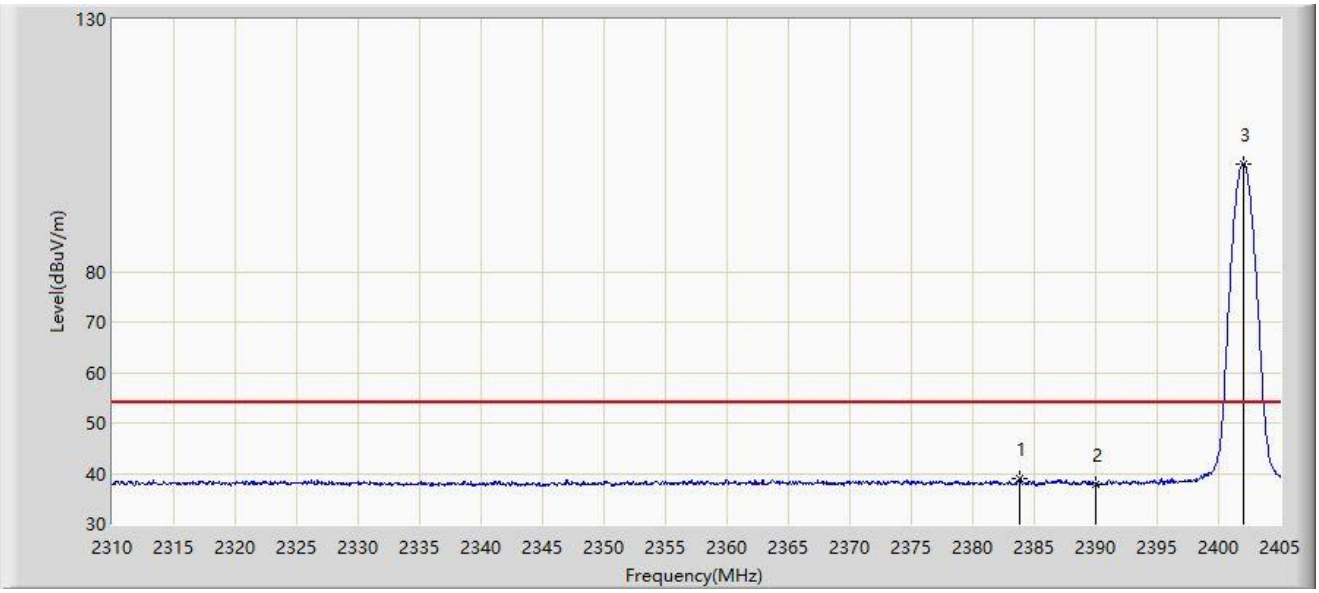
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2370.657	56.910	24.411	-17.090	74.000	32.500	PK
2		2390.000	53.731	21.327	-20.269	74.000	32.404	PK
3		2402.150	106.192	73.826	N/A	N/A	32.365	PK

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

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: SIP-AC2	Test Date: 2022-08-26
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Yien Qian
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: Wireless Headphones	Power: By Battery
Test Mode: Transmit by DH5 at 2402MHz	



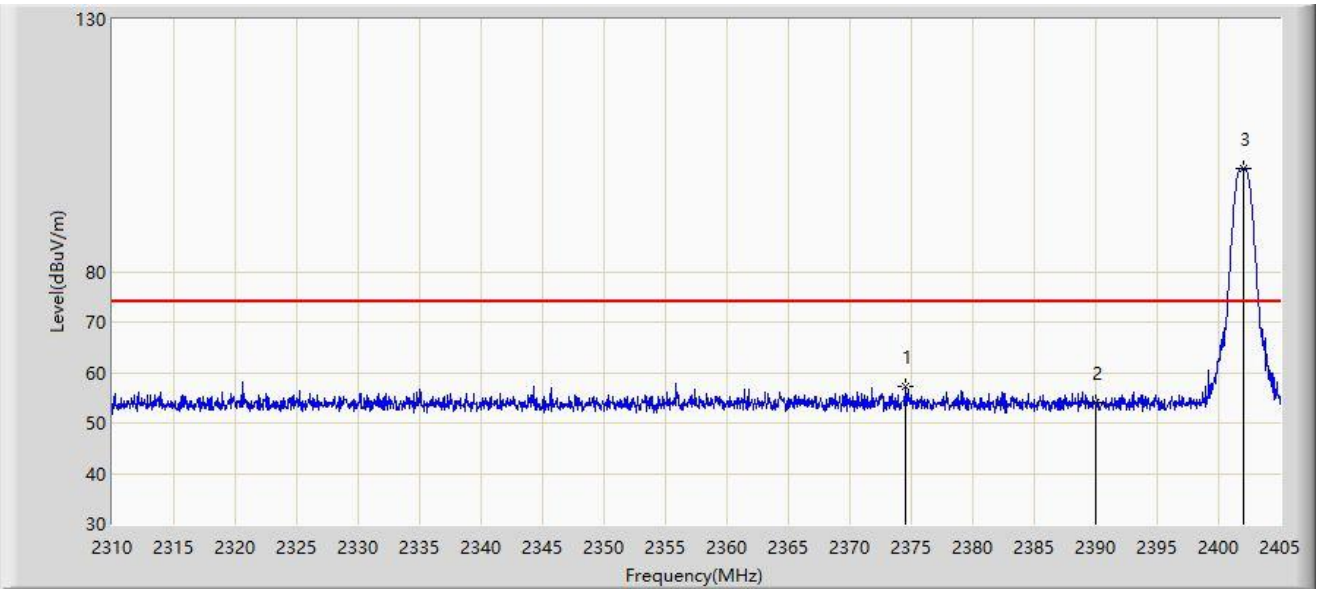
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2383.863	38.885	6.440	-15.115	54.000	32.445	AV
2		2390.000	37.970	5.566	-16.030	54.000	32.404	AV
3		2402.008	101.420	69.054	N/A	N/A	32.366	AV

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

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: SIP-AC2	Test Date: 2022-08-26
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Yien Qian
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: Wireless Headphones	Power: By Battery
Test Mode: Transmit by DH5 at 2402MHz	



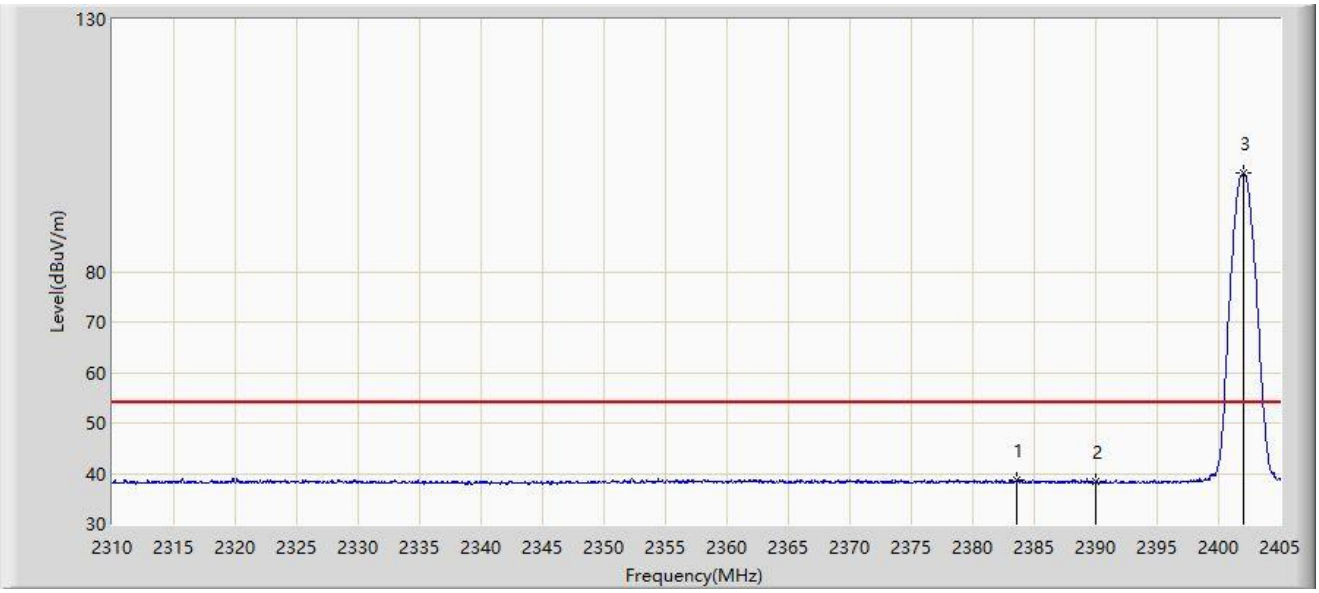
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2374.505	57.303	24.809	-16.697	74.000	32.494	PK
2		2390.000	54.069	21.665	-19.931	74.000	32.404	PK
3		2402.008	100.373	68.007	N/A	N/A	32.366	PK

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

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: SIP-AC2	Test Date: 2022-08-26
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Yien Qian
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: Wireless Headphones	Power: By Battery
Test Mode: Transmit by DH5 at 2402MHz	



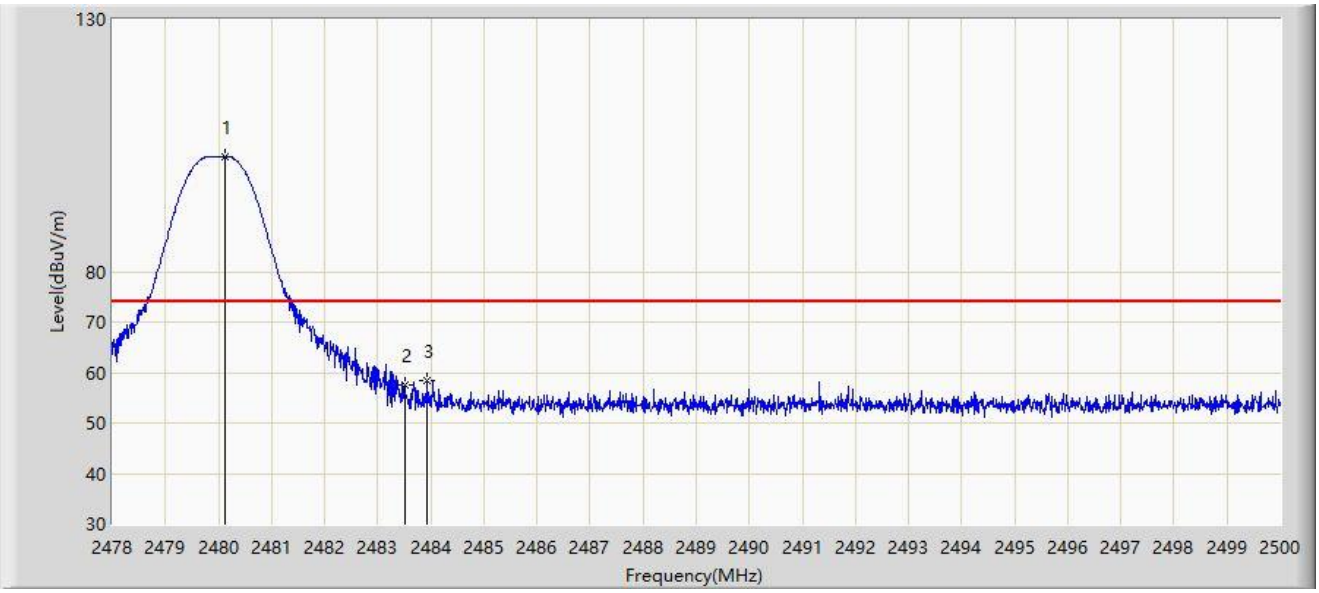
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2383.577	38.580	6.133	-15.420	54.000	32.447	AV
2		2390.000	38.410	6.006	-15.590	54.000	32.404	AV
3		2402.008	99.424	67.058	N/A	N/A	32.366	AV

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

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: SIP-AC2	Test Date: 2022-08-26
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Yien Qian
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: Wireless Headphones	Power: By Battery
Test Mode: Transmit by DH5 at 2480MHz	



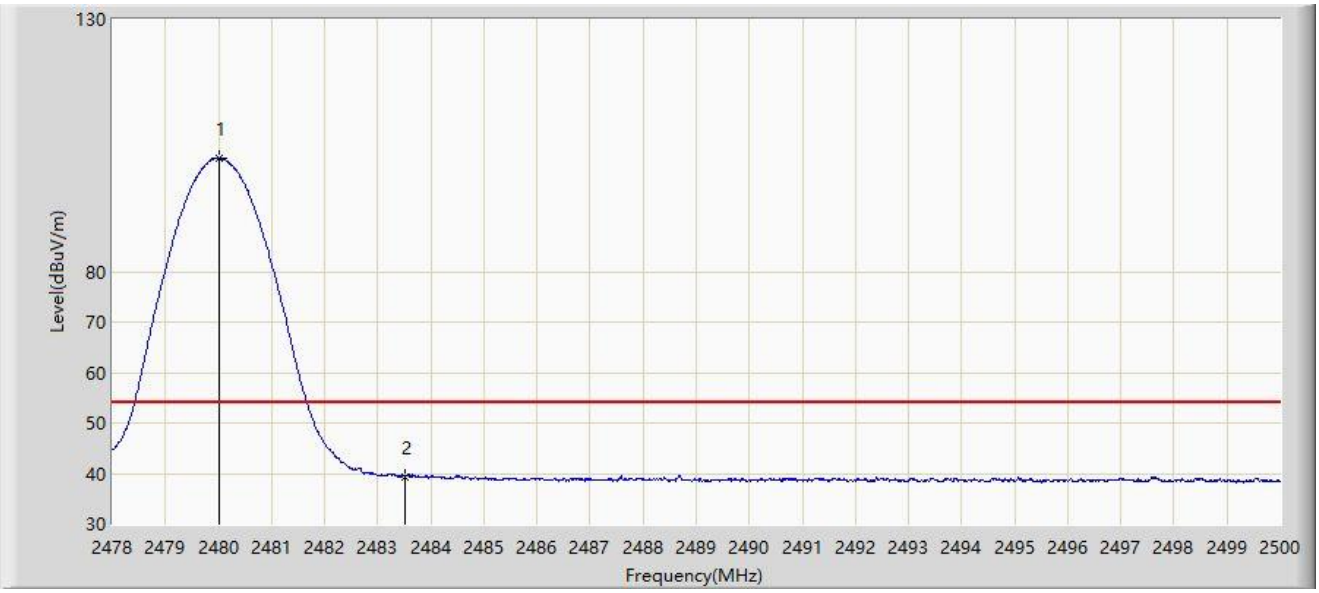
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2480.116	102.831	70.645	N/A	N/A	32.186	PK
2		2483.500	57.392	25.197	-16.608	74.000	32.195	PK
3	*	2483.935	58.302	26.106	-15.698	74.000	32.196	PK

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

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: SIP-AC2	Test Date: 2022-08-26
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Yien Qian
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: Wireless Headphones	Power: By Battery
Test Mode: Transmit by DH5 at 2480MHz	



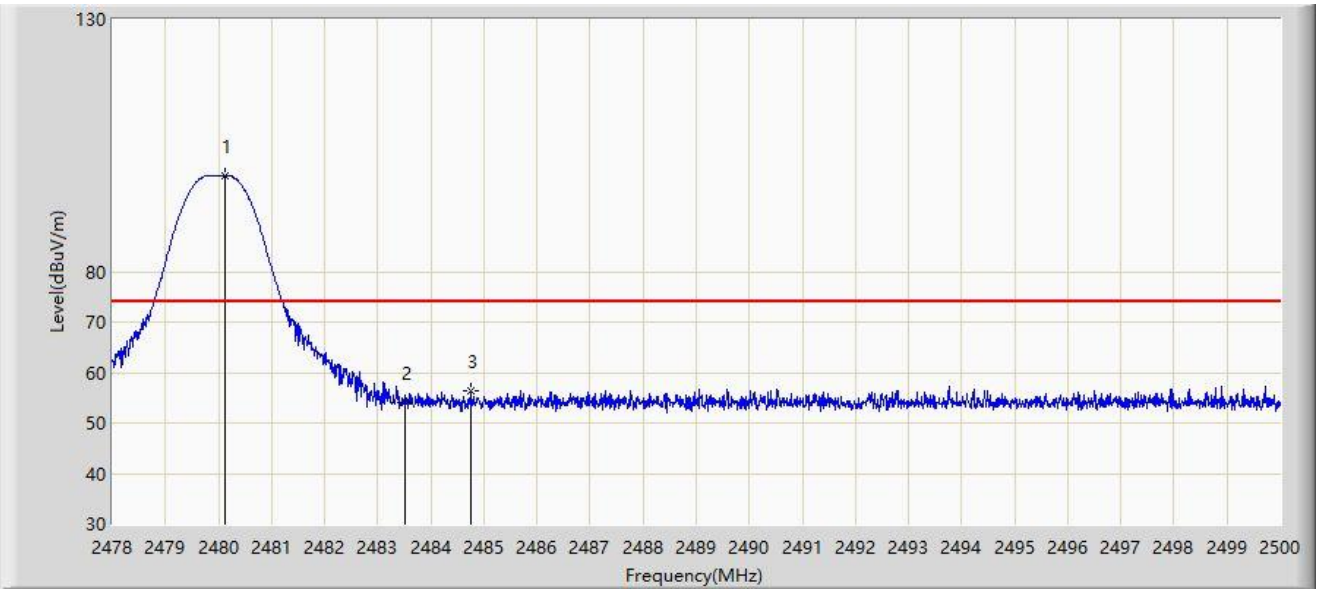
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2480.002	102.531	70.345	N/A	N/A	32.186	AV
2	*	2483.500	39.329	7.134	-14.671	54.000	32.195	AV

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

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: SIP-AC2	Test Date: 2022-08-27
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Yien Qian
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: Wireless Headphones	Power: By Battery
Test Mode: Transmit by DH5 at 2480MHz	



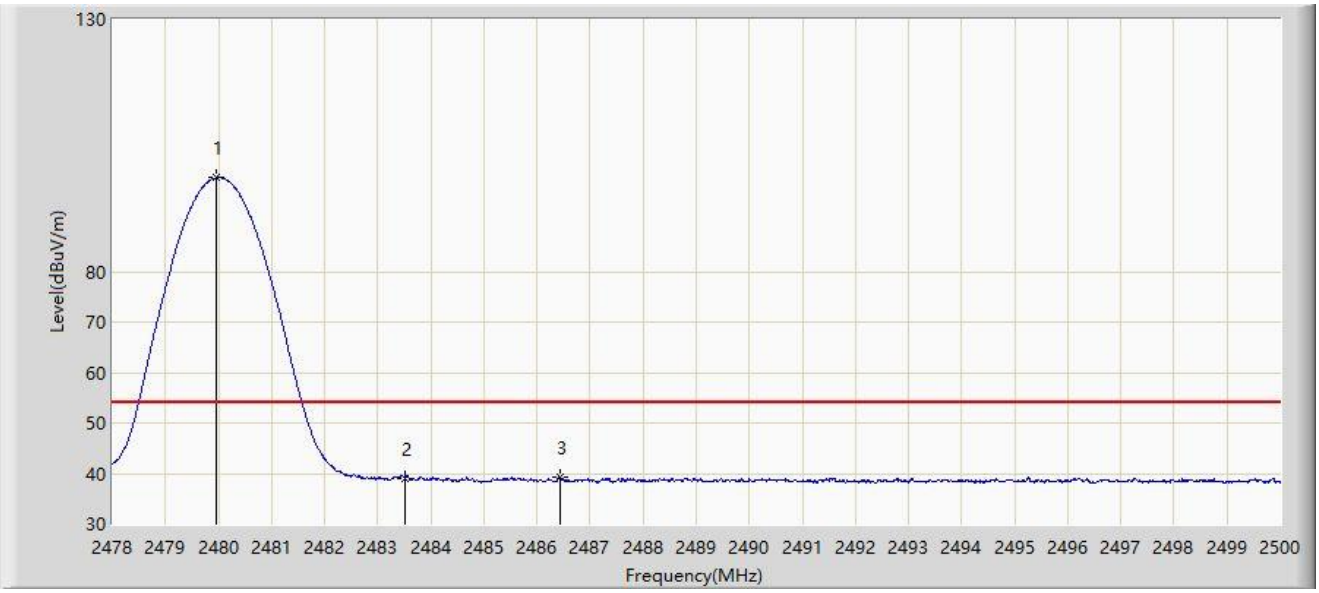
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2480.123	99.107	66.921	N/A	N/A	32.186	PK
2		2483.500	53.984	21.789	-20.016	74.000	32.195	PK
3	*	2484.765	56.421	24.222	-17.579	74.000	32.199	PK

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

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: SIP-AC2	Test Date: 2022-08-27
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Yien Qian
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: Wireless Headphones	Power: By Battery
Test Mode: Transmit by DH5 at 2480MHz	



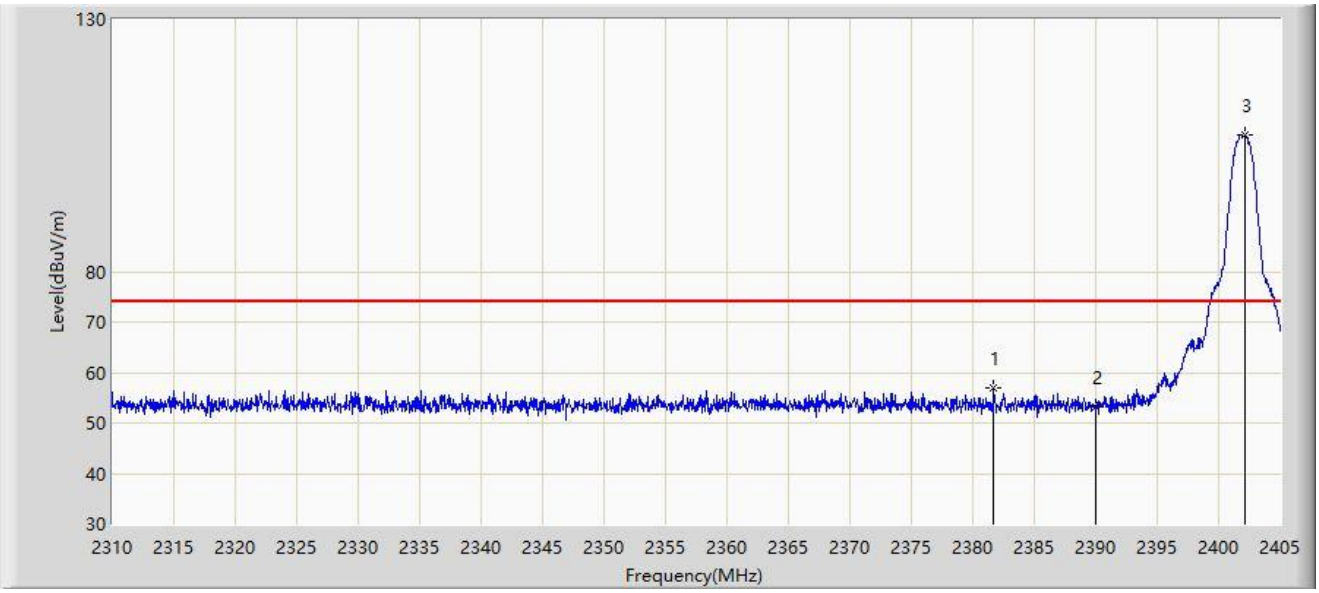
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2479.969	98.611	66.425	N/A	N/A	32.186	AV
2		2483.500	39.010	6.815	-14.990	54.000	32.195	AV
3	*	2486.437	39.278	7.075	-14.722	54.000	32.203	AV

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

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: SIP-AC2	Test Date: 2022-08-27
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Yien Qian
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: Wireless Headphones	Power: By Battery
Test Mode: Transmit by 2DH5 at 2402MHz	



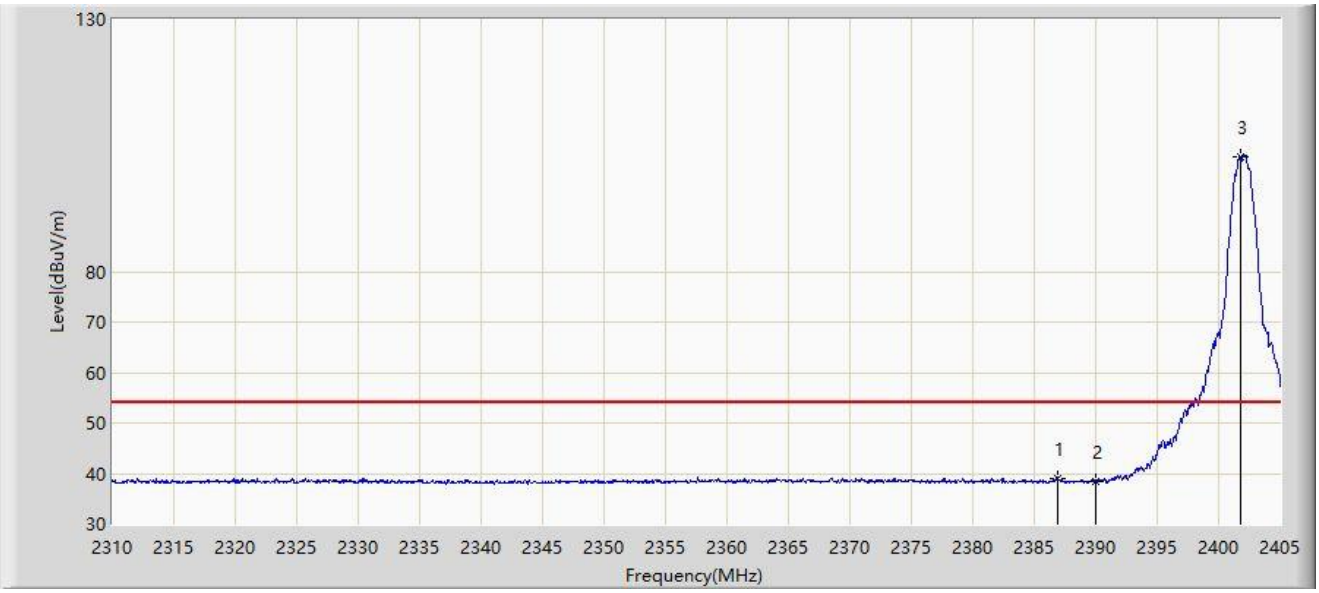
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2381.725	56.866	24.407	-17.134	74.000	32.459	PK
2		2390.000	53.296	20.892	-20.704	74.000	32.404	PK
3		2402.150	107.128	74.762	N/A	N/A	32.365	PK

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

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: SIP-AC2	Test Date: 2022-08-27
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Yien Qian
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: Wireless Headphones	Power: By Battery
Test Mode: Transmit by 2DH5 at 2402MHz	



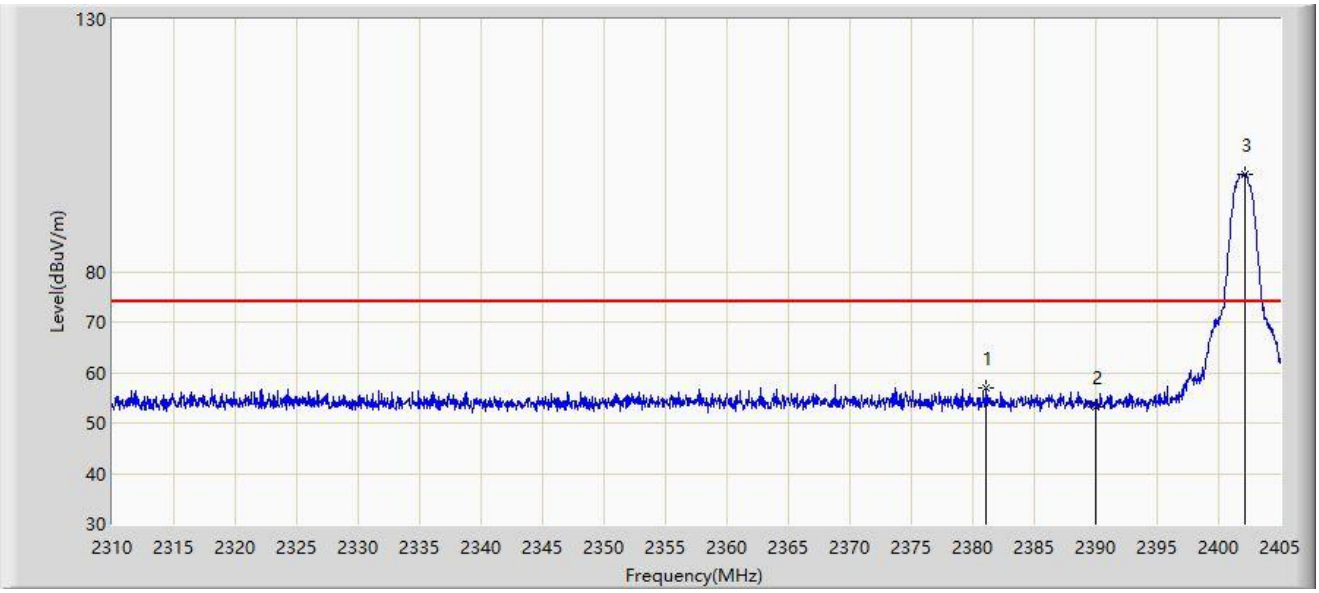
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2386.903	38.888	6.463	-15.112	54.000	32.425	AV
2		2390.000	38.378	5.974	-15.622	54.000	32.404	AV
3		2401.770	102.833	70.467	N/A	N/A	32.366	AV

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

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: SIP-AC2	Test Date: 2022-08-27
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Yien Qian
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: Wireless Headphones	Power: By Battery
Test Mode: Transmit by 2DH5 at 2402MHz	



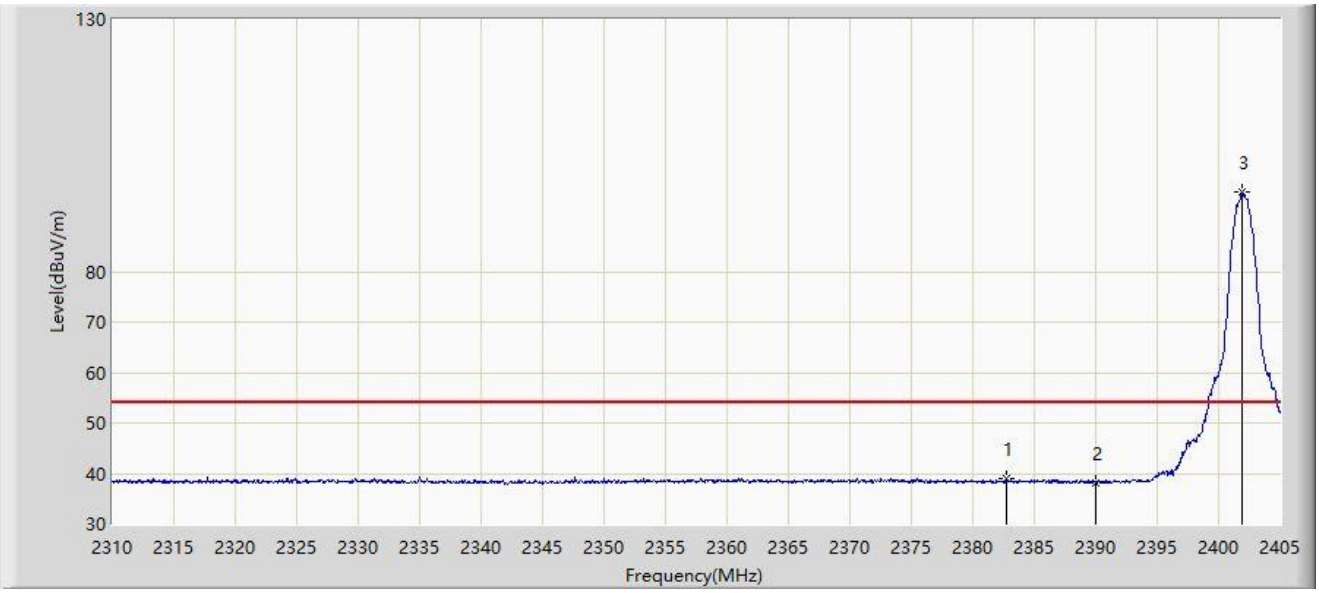
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2381.107	56.930	24.467	-17.070	74.000	32.463	PK
2		2390.000	53.152	20.748	-20.848	74.000	32.404	PK
3		2402.150	99.300	66.934	N/A	N/A	32.365	PK

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

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: SIP-AC2	Test Date: 2022-08-27
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Yien Qian
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: Wireless Headphones	Power: By Battery
Test Mode: Transmit by 2DH5 at 2402MHz	



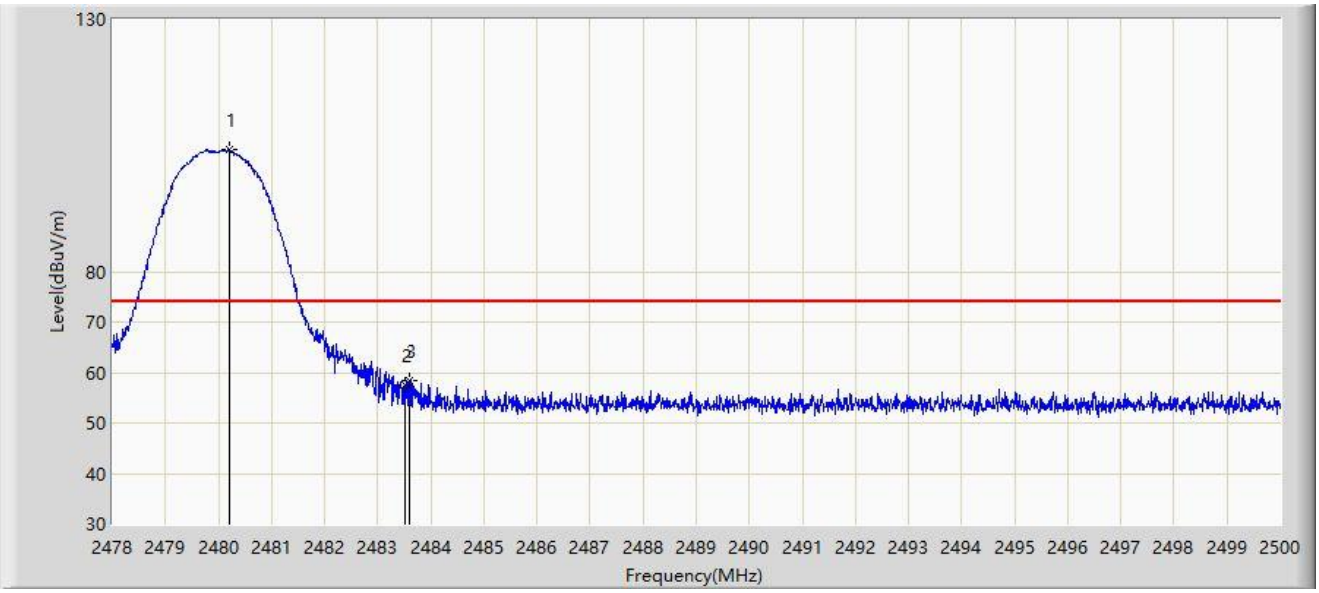
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2382.722	38.929	6.477	-15.071	54.000	32.452	AV
2		2390.000	38.150	5.746	-15.850	54.000	32.404	AV
3		2401.960	95.728	63.362	N/A	N/A	32.366	AV

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

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: SIP-AC2	Test Date: 2022-08-27
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Yien Qian
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: Wireless Headphones	Power: By Battery
Test Mode: Transmit by 2DH5 at 2480MHz	



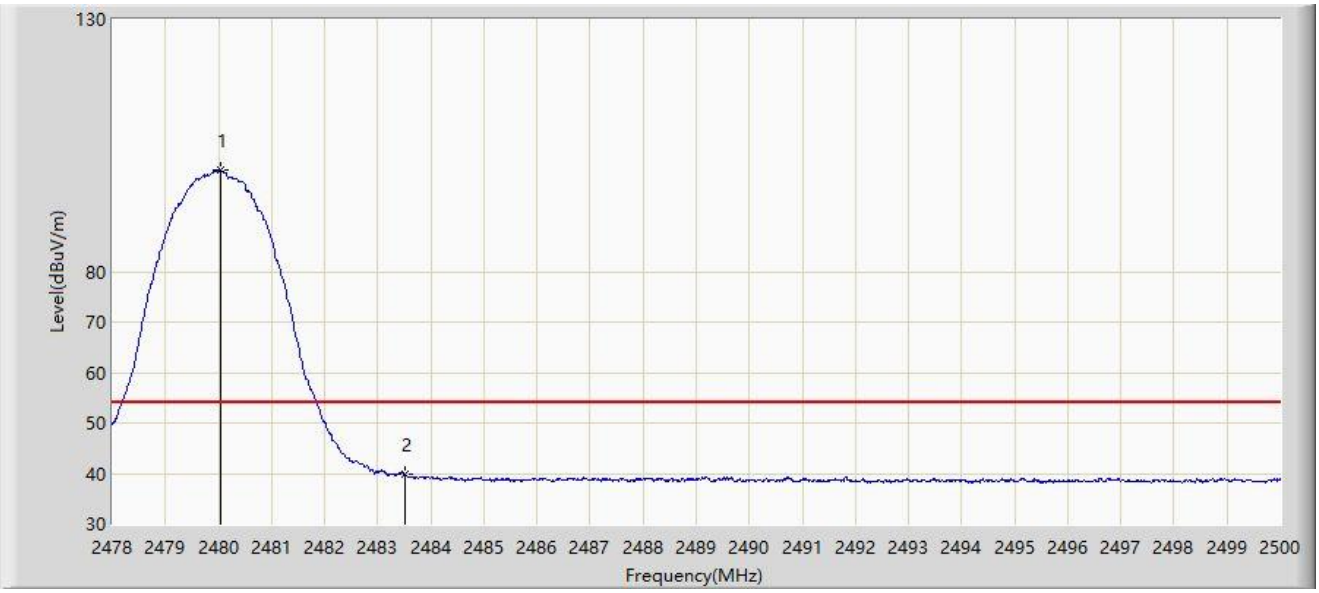
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2480.200	104.108	71.922	N/A	N/A	32.186	PK
2		2483.500	57.469	25.274	-16.531	74.000	32.195	PK
3	*	2483.588	58.524	26.329	-15.476	74.000	32.196	PK

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

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: SIP-AC2	Test Date: 2022-08-27
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Yien Qian
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: Wireless Headphones	Power: By Battery
Test Mode: Transmit by 2DH5 at 2480MHz	



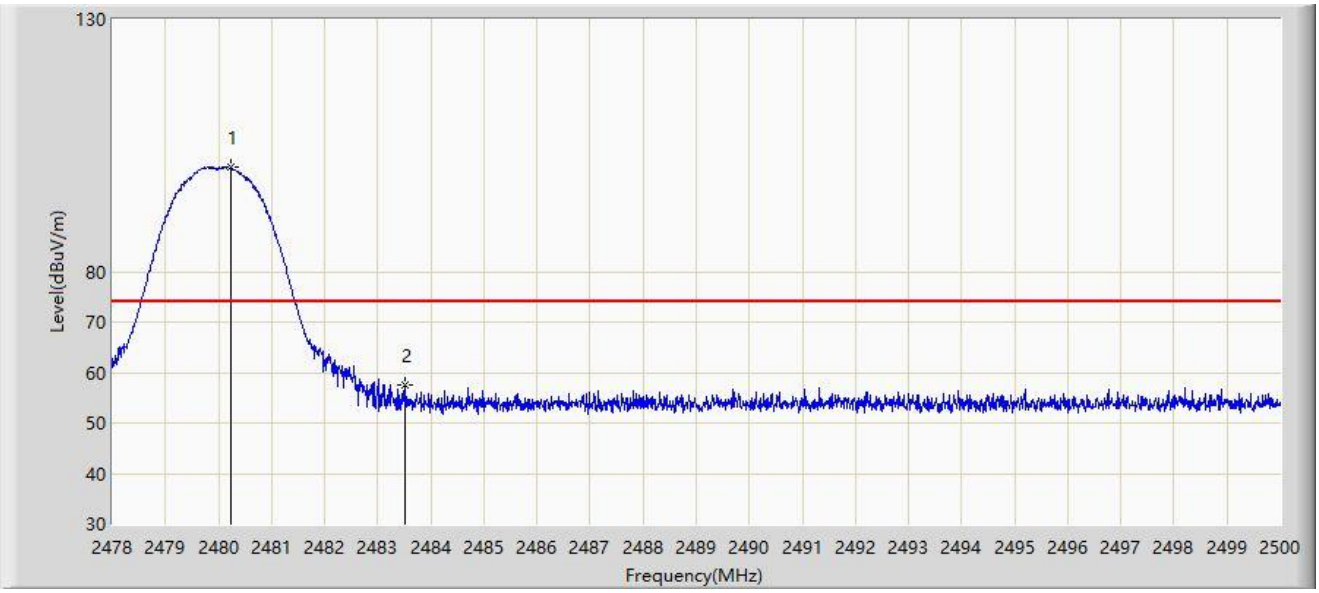
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2480.046	100.153	67.967	N/A	N/A	32.186	AV
2	*	2483.500	39.766	7.571	-14.234	54.000	32.195	AV

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

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: SIP-AC2	Test Date: 2022-08-27
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Yien Qian
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: Wireless Headphones	Power: By Battery
Test Mode: Transmit by 2DH5 at 2480MHz	



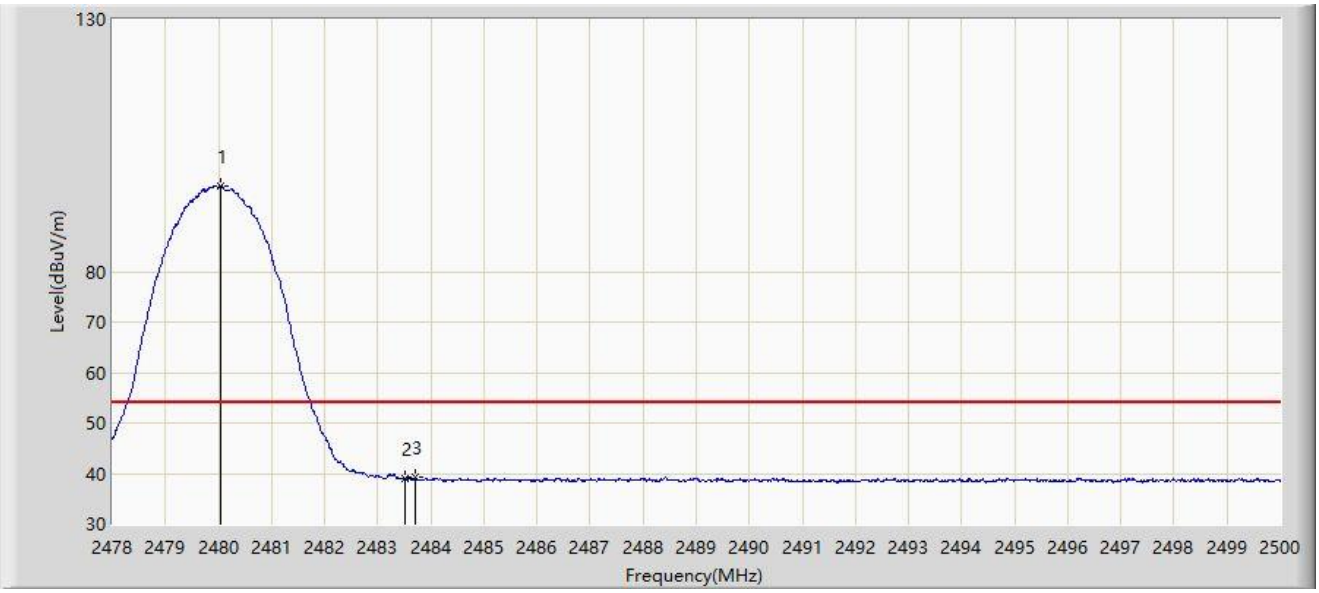
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2480.222	100.718	68.532	N/A	N/A	32.186	PK
2	*	2483.500	57.510	25.315	-16.490	74.000	32.195	PK

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

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: SIP-AC2	Test Date: 2022-08-27
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Yien Qian
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: Wireless Headphones	Power: By Battery
Test Mode: Transmit by 2DH5 at 2480MHz	



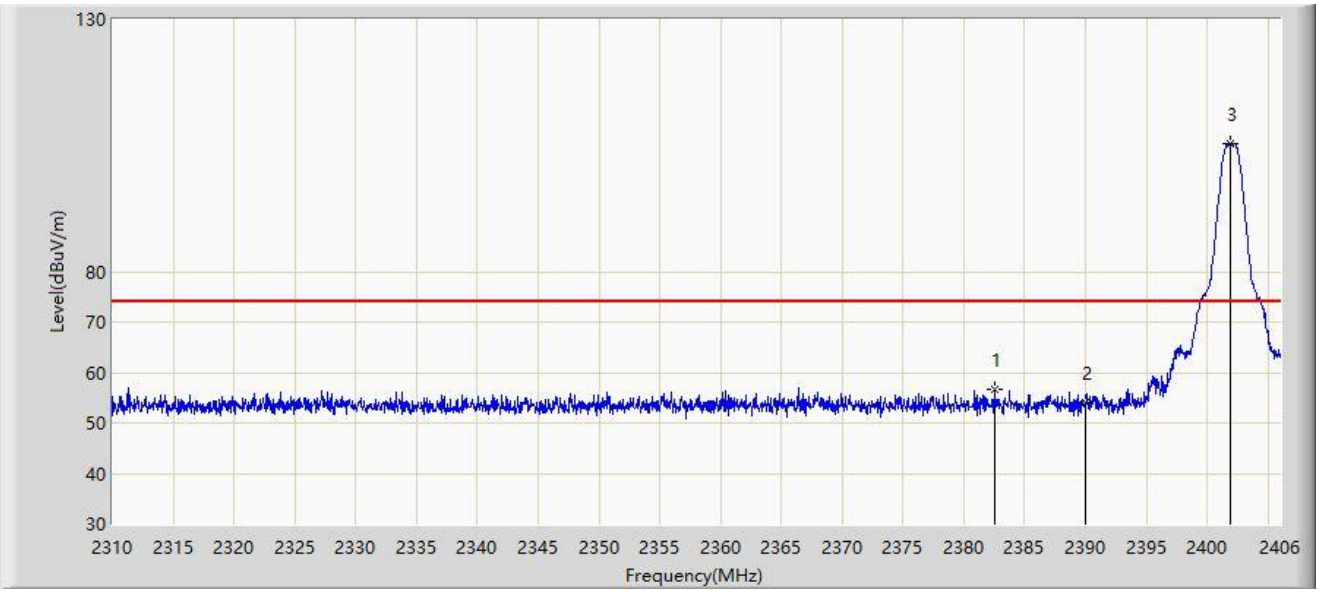
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2480.046	97.007	64.821	N/A	N/A	32.186	AV
2		2483.500	38.939	6.744	-15.061	54.000	32.195	AV
3	*	2483.720	39.174	6.978	-14.826	54.000	32.196	AV

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

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: SIP-AC2	Test Date: 2022-08-27
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Yien Qian
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: Wireless Headphones	Power: By Battery
Test Mode: Transmit by 3DH5 at 2402MHz	



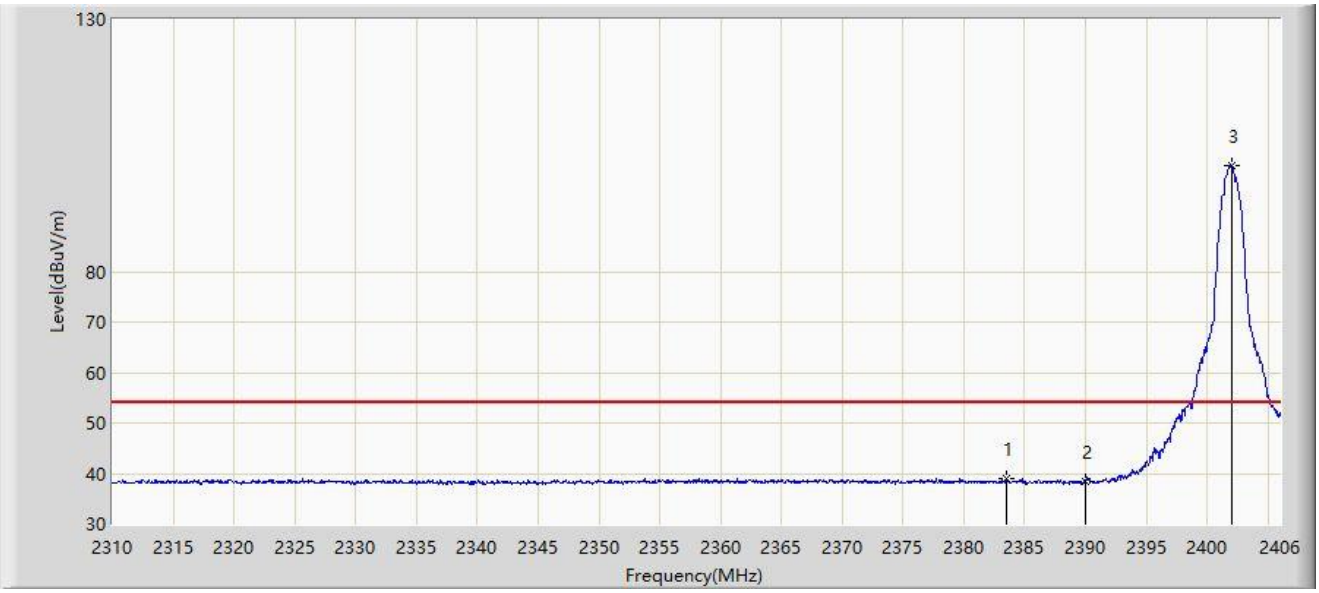
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2382.576	56.627	24.174	-17.373	74.000	32.453	PK
2		2390.000	54.086	21.682	-19.914	74.000	32.404	PK
3		2401.920	105.344	72.978	N/A	N/A	32.366	PK

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

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: SIP-AC2	Test Date: 2022-08-27
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Yien Qian
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: Wireless Headphones	Power: By Battery
Test Mode: Transmit by 3DH5 at 2402MHz	



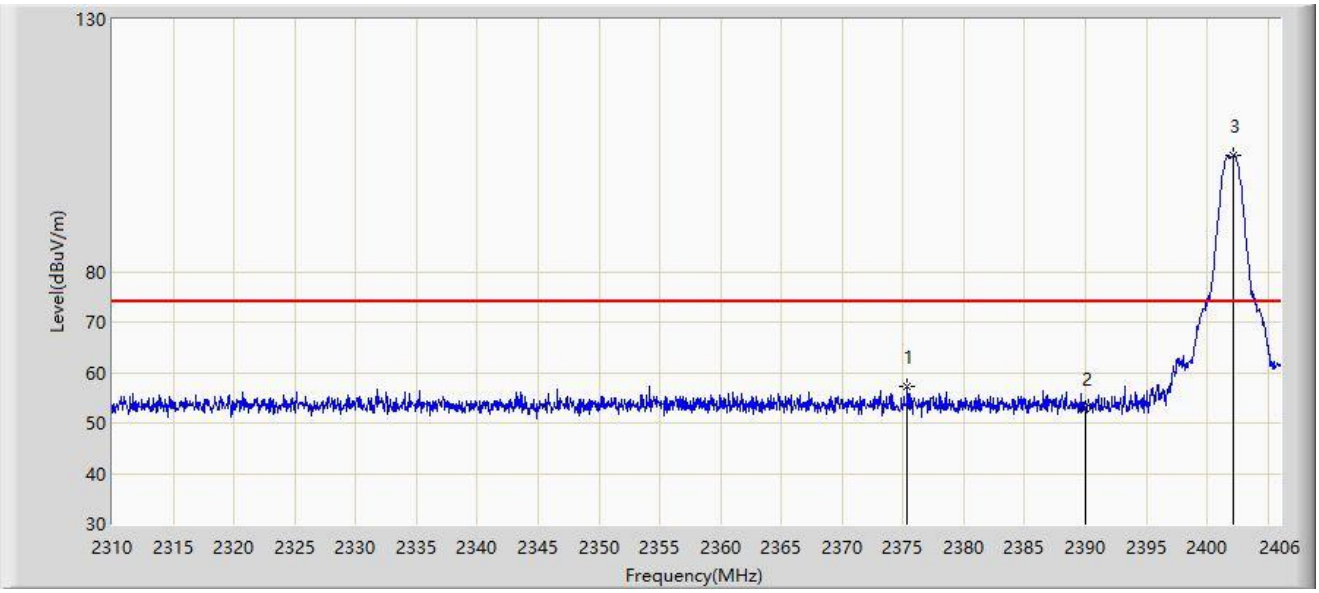
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2383.488	38.874	6.427	-15.126	54.000	32.447	AV
2		2390.000	38.521	6.117	-15.479	54.000	32.404	AV
3		2402.064	101.127	68.761	N/A	N/A	32.365	AV

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

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: SIP-AC2	Test Date: 2022-08-27
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Yien Qian
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: Wireless Headphones	Power: By Battery
Test Mode: Transmit by 3DH5 at 2402MHz	



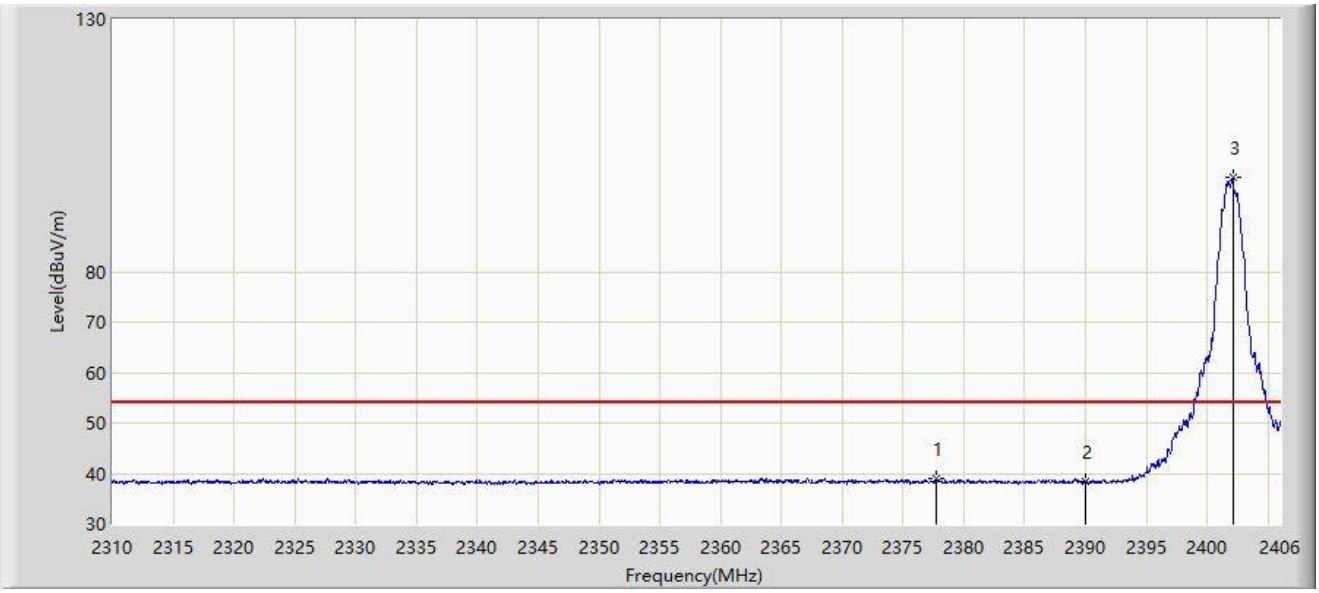
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2375.376	57.174	24.682	-16.826	74.000	32.493	PK
2		2390.000	52.815	20.411	-21.185	74.000	32.404	PK
3		2402.208	102.899	70.534	N/A	N/A	32.365	PK

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

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: SIP-AC2	Test Date: 2022-08-27
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Yien Qian
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: Wireless Headphones	Power: By Battery
Test Mode: Transmit by 3DH5 at 2402MHz	



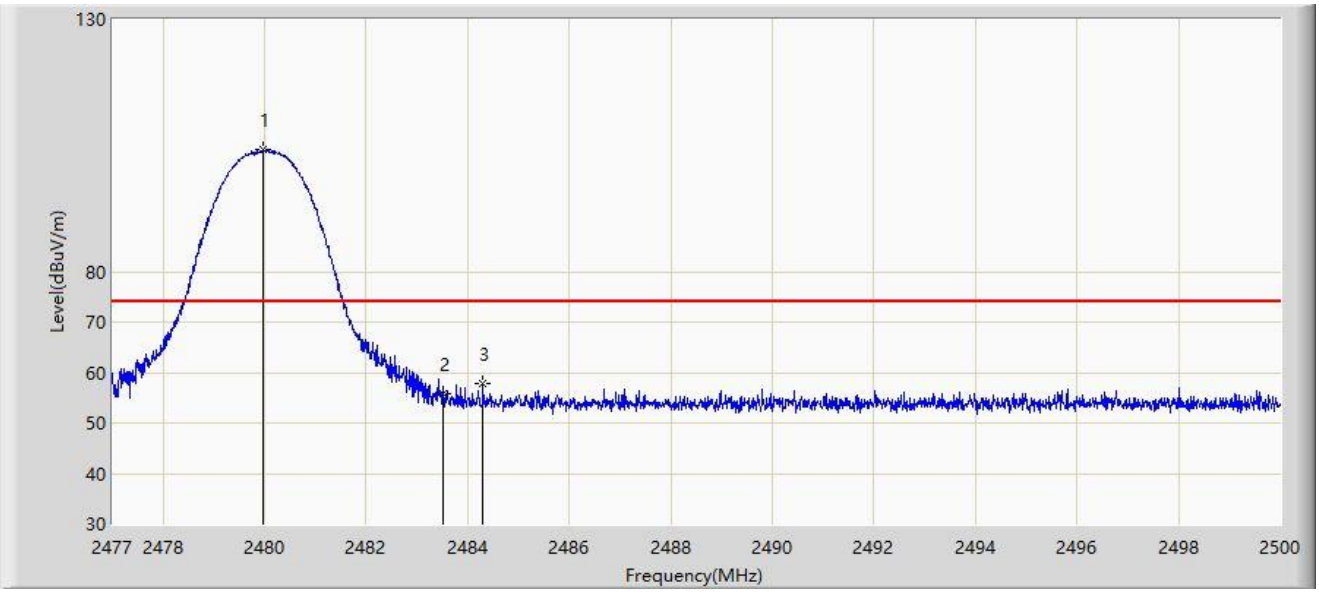
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2377.776	38.964	6.479	-15.036	54.000	32.484	AV
2		2390.000	38.397	5.993	-15.603	54.000	32.404	AV
3		2402.160	98.570	66.204	N/A	N/A	32.365	AV

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

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: SIP-AC2	Test Date: 2022-08-27
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Yien Qian
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: Wireless Headphones	Power: By Battery
Test Mode: Transmit by 3DH5 at 2480MHz	



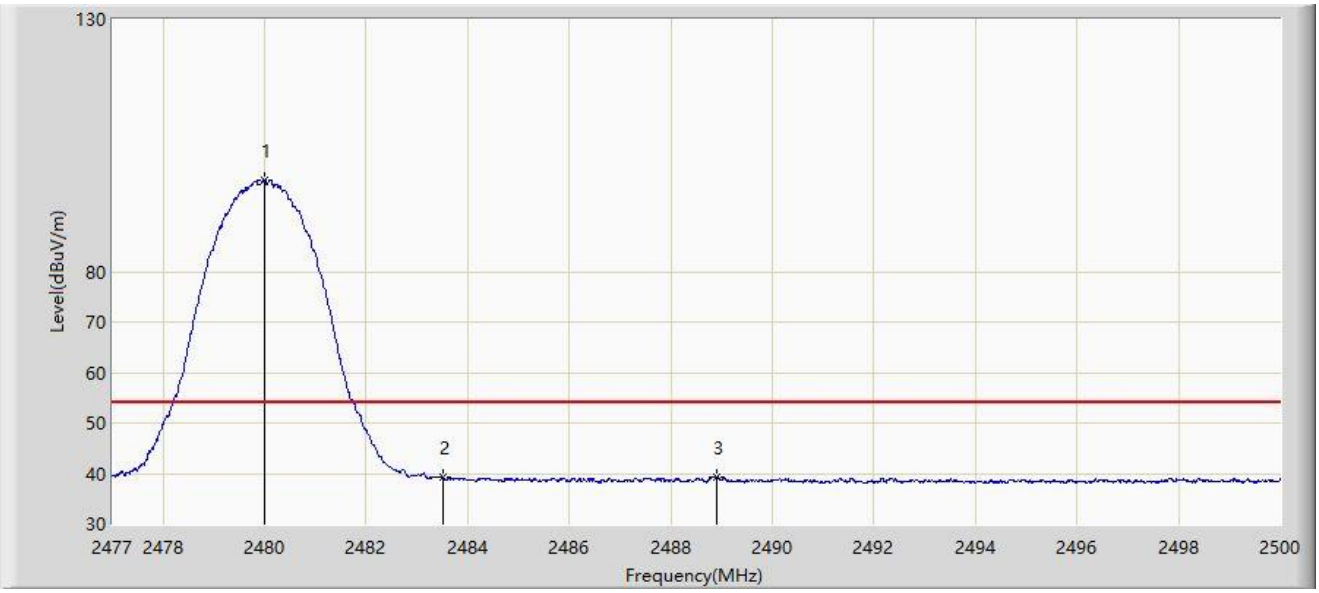
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		2479.979	104.097	71.911	N/A	N/A	32.186	PK
2		2483.500	55.807	23.612	-18.193	74.000	32.195	PK
3	*	2484.302	57.827	25.630	-16.173	74.000	32.197	PK

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

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: SIP-AC2	Test Date: 2022-08-27
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Yien Qian
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: Wireless Headphones	Power: By Battery
Test Mode: Transmit by 3DH5 at 2480MHz	



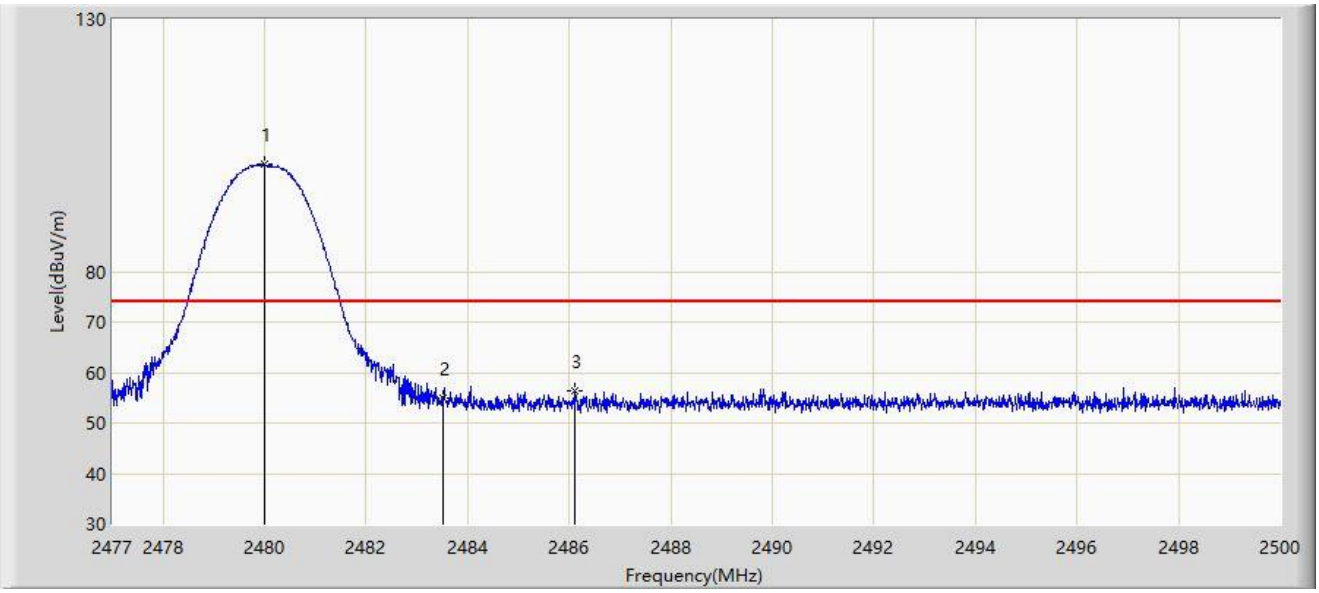
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2480.001	98.232	66.046	N/A	N/A	32.186	AV
2		2483.500	39.176	6.981	-14.824	54.000	32.195	AV
3	*	2488.914	39.319	7.109	-14.681	54.000	32.210	AV

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

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: SIP-AC2	Test Date: 2022-08-27
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Yien Qian
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: Wireless Headphones	Power: By Battery
Test Mode: Transmit by 3DH5 at 2480MHz	



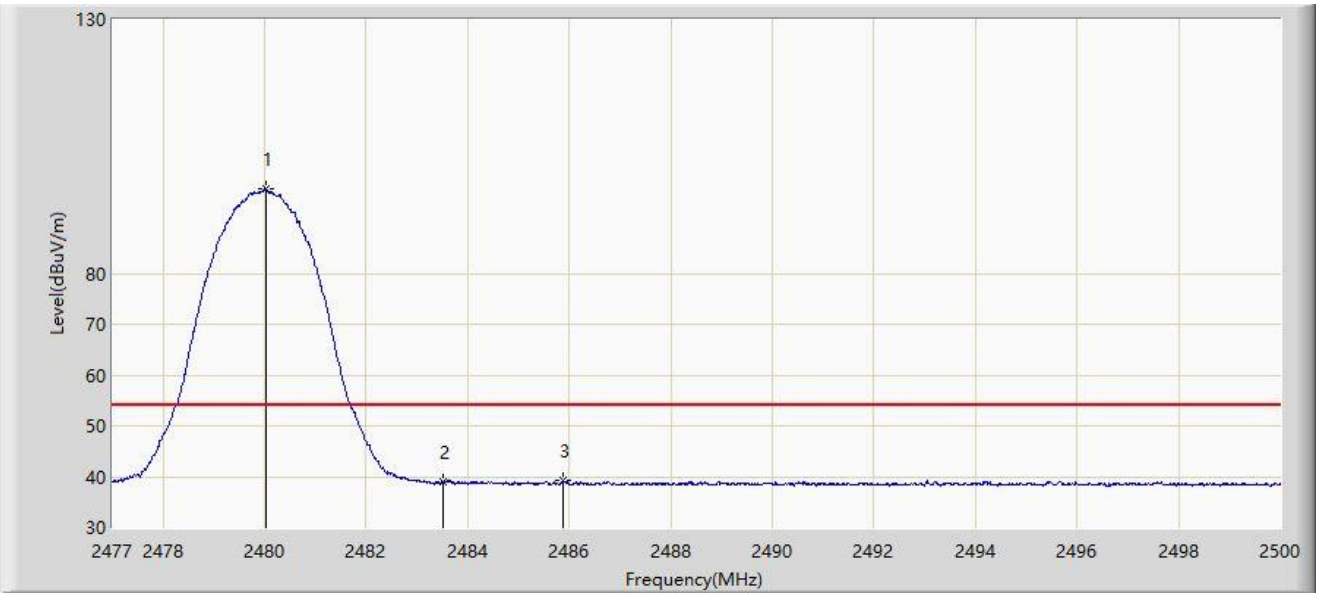
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2479.990	101.426	69.240	N/A	N/A	32.186	PK
2		2483.500	54.948	22.753	-19.052	74.000	32.195	PK
3	*	2486.108	56.291	24.089	-17.709	74.000	32.202	PK

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

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: SIP-AC2	Test Date: 2022-08-27
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Yien Qian
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: Wireless Headphones	Power: By Battery
Test Mode: Transmit by 3DH5 at 2480MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2480.024	96.564	64.378	N/A	N/A	32.186	AV
2		2483.500	38.876	6.681	-15.124	54.000	32.195	AV
3	*	2485.889	39.169	6.967	-14.831	54.000	32.202	AV

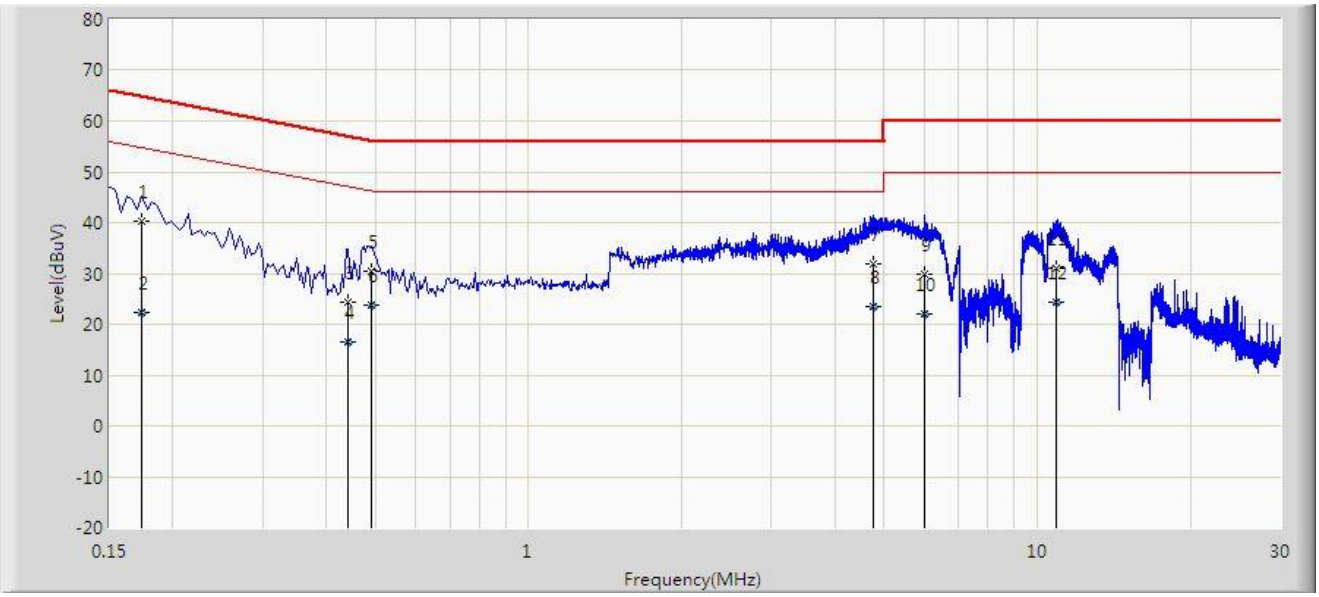
Note 1: " * ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

A.11 AC Conducted Emissions Test Result

Site: SIP-SR2	Time: 2022/09/06 - 17:25
Temperature: 27.2°C	Humidity: 57.8%
Limit: FCC_Part15.107_CE_AC Power_Class B	Engineer: Miron Ding
Probe: SIP-SR2-ENV216_101684_C	Polarity: Line
EUT: Wireless Headphones	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at channel 2402MHz	



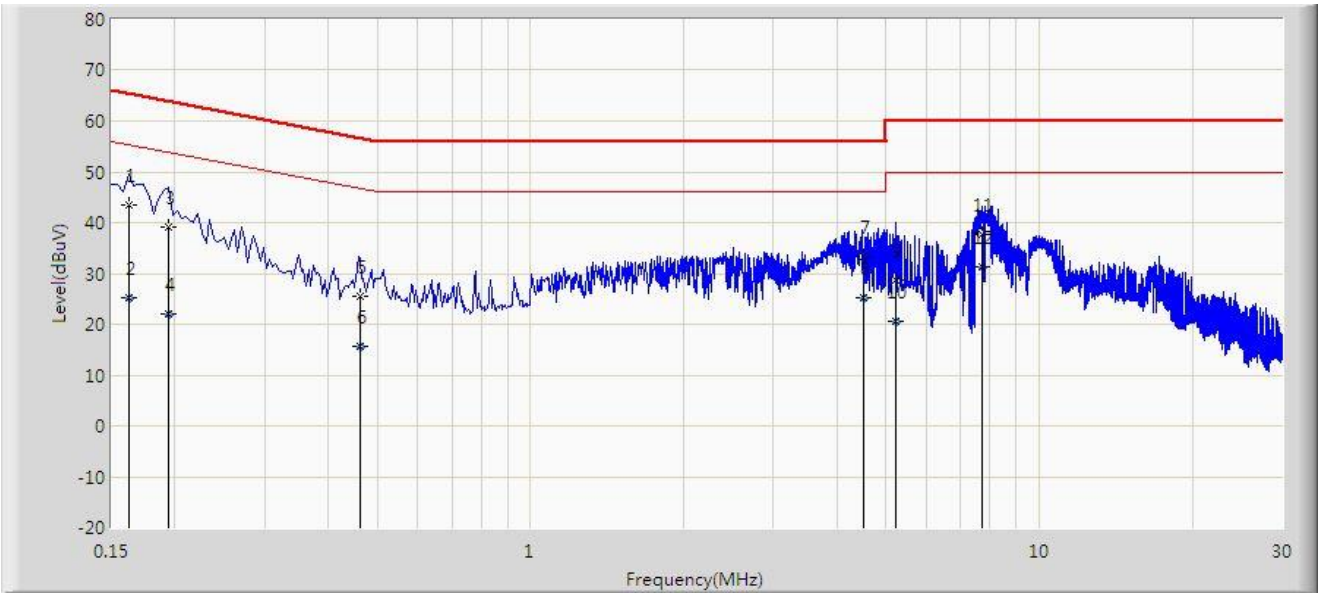
No	Mark	Frequency (MHz)	Measure Level (dBμV)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV)	Factor (dB)	Type
1		0.174	40.326	30.681	-24.441	64.767	9.645	QP
2		0.174	22.224	12.579	-32.543	54.767	9.645	AV
3		0.442	24.489	14.769	-32.535	57.024	9.720	QP
4		0.442	16.666	6.946	-30.358	47.024	9.720	AV
5		0.490	30.419	20.699	-25.749	56.168	9.720	QP
6	*	0.490	23.857	14.137	-22.311	46.168	9.720	AV
7		4.774	31.880	22.042	-24.120	56.000	9.838	QP
8		4.774	23.568	13.730	-22.432	46.000	9.838	AV
9		5.994	29.741	19.836	-30.259	60.000	9.905	QP
10		5.994	22.005	12.100	-27.995	50.000	9.905	AV
11		10.894	31.092	21.023	-28.908	60.000	10.069	QP
12		10.894	24.309	14.240	-25.691	50.000	10.069	AV

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

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

Note 3: Factor (dB) = Cable Loss (dB) + LISN Factor (dB).

Site: SIP-SR2	Time: 2022/09/06 - 17:30
Temperature: 27.2°C	Humidity: 57.8%
Limit: FCC_Part15.107_CE_AC Power_Class B	Engineer: Miron Ding
Probe: SIP-SR2-ENV216_101684_C	Polarity: Neutral
EUT: Wireless Headphones	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at channel 2402MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV)	Factor (dB)	Type
1		0.162	43.392	33.755	-21.968	65.361	9.637	QP
2		0.162	25.358	15.721	-30.003	55.361	9.637	AV
3		0.194	38.986	29.335	-24.878	63.864	9.651	QP
4		0.194	22.077	12.426	-31.787	53.864	9.651	AV
5		0.462	25.598	15.888	-31.058	56.657	9.710	QP
6		0.462	15.595	5.885	-31.061	46.657	9.710	AV
7		4.517	33.320	23.500	-22.680	56.000	9.820	QP
8		4.517	25.220	15.400	-20.780	46.000	9.820	AV
9		5.226	28.633	18.760	-31.367	60.000	9.873	QP
10		5.226	20.494	10.621	-29.506	50.000	9.873	AV
11		7.722	37.700	27.763	-22.300	60.000	9.937	QP
12	*	7.722	31.432	21.496	-18.568	50.000	9.937	AV

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

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

Note 3: Factor (dB) = Cable Loss (dB) + LISN Factor (dB).

Appendix B - Test Setup Photograph

Refer to “2208RSU004-UT” file.

Appendix C - EUT Photograph

Refer to “2208RSU004-UE” file.

The End