



Report No.: TWN2506599E

Applicant: Eastern Times Technology Co., Ltd

Product: ACTIVE NOISE CANCELLING HEADSET

Model No.: H610, ET-9203, H610G

Trademark: REDRAGON

Test Standards: FCC Part 15.249

Test result: It is herewith confirmed and found to comply with the requirements set up by ANSI C63.10 & FCC Part 15 Subpart C, Paragraph 15.249 regulations for the evaluation of electromagnetic compatibility

Approved By

*Terry Tang*

Terry Tang

Manager

Dated: August 13, 2025

**Results appearing herein relate only to the sample tested  
The technical reports is issued errors and omissions exempt and is subject to withdrawal at**

**SHENZHEN TIMEWAY TESTING LABORATORIES**

**Zone C, 1st Floor, Block B, Jun Xiang Da Building, Zhongshan Park Road West,  
Tong Le Village, Nanshan District, Shenzhen, China**

**Tel (755) 83448688, Fax (755) 83442996, E-Mail:info@timeway-lab.com**



## Special Statement:

### **FCC-Registration No.: 744189**

The EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications commission. The acceptance letter from the FCC is maintained in our files. Registration No.: 744189.

### **ISED —Registration No.:5205A**

The EMC Laboratory has been registered by Certification and Engineering Bureau of ISED for radio equipment testing with Registration No.: 5205A.

### **A2LA (Certification Number:5013.01)**

The EMC Laboratory has been accredited by the American Association for Laboratory Accreditation (A2LA). Certification Number:5013.01

### **CAB identifier: CN0033**

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## Test Report Conclusion

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## 1.0 General Details

### 1.1 Test Lab Details

Name: SHENZHEN TIMEWAY TESTING LABORATORIES.  
Address: Zone C, 1st Floor, Block B, Jun Xiang Da Building, Zhongshan Park Road West, Tong Le Village, Nanshan District, Shenzhen, China  
Telephone: (755) 83448688  
Fax: (755) 83442996  
Site on File with the Federal Communications Commission – United States  
Registration Number: 744189  
For 3m Anechoic Chamber

### 1.2 Applicant Details

Applicant: Eastern Times Technology Co., Ltd  
Address: Building D, Nan An Industrial Area, Youganpu Village, Fenggang Town, Dongguan City, Guangdong, China.

### 1.3 Description of EUT

Product:	ACTIVE NOISE CANCELLING HEADSET
Manufacturer:	Eastern Times Technology Co., Ltd
Address:	Building D, Nan An Industrial Area, Youganpu Village, Fenggang Town, Dongguan City, Guangdong, China.
Trademark:	REDRAGON
Additional Trademark:	N/A
Model Number:	H610
Additional Model Name	ET-9203, H610G
Hardware Version:	V3.0
Software Version:	H610-PRO_V142_F5AD-BA4840F1_earphone_20241231_Pc_Mode_Bonding_MaxDAC
Serial No.:	RDM7222022042500001
Rating:	DC5V, 380mA
Battery:	DC3.7V, 500mAh Li-ion battery
Modulation Type:	GFSK, JI/4DQPSK
Operation Frequency:	2402-2480MHz
Channel Separate:	1MHz
Channel Number:	79
Antenna Designation	PCB antenna with gain -0.58dBi Max (Get from the antenna specification)

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1.4 Submitted Sample: 2 Samples

1.5 Test Duration

2025-07-12 to 2025-08-13

1.6 Test Uncertainty

Conducted Emissions Uncertainty =3.6dB

Radiated Emissions below 1GHz Uncertainty =4.7dB

Radiated Emissions above 1GHz Uncertainty =6.0dB

Conducted Power Uncertainty =6.0dB

Occupied Channel Bandwidth Uncertainty =5%

Conducted Emissions Uncertainty =3.6dB

Note: The measurement uncertainty is for coverage factor of k=2 and a level of confidence of 95%.

1.7 Test Engineer

*Andy -Xing*

The sample tested by \_\_\_\_\_

Print Name: Terry Tang

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## 2.0 Test Equipment

Instrument Type	Manufacturer	Model	Serial No.	Date of Cal.	Due Date
ESPI Test Receiver	R&S	ESPI 3	100379	2025-07-11	2026-07-10
LISN	R&S	EZH3-Z5	100294	2025-07-11	2026-07-10
LISN	R&S	EZH3-Z5	100253	2025-07-11	2026-07-10
Impuls-Begrenzer	R&S	ESH3-Z2	100281	2025-07-11	2026-07-10
Loop Antenna	EMCO	6507	00078608	2022-07-18 2025-07-17	2025-07-17 2028-07-16
Spectrum	R&S	FSIQ26	100292	2025-07-11	2026-07-10
Horn Antenna	A-INFO	LB-180400-KF	J211060660	2022-07-18 2025-07-17	2025-07-17 2028-07-16
Horn Antenna	R&S	BBHA 9120D	9120D-631	2022-07-18 2025-07-17	2025-07-17 2028-07-16
Power meter	Anritsu	ML2487A	6K00003613	2025-07-11	2026-07-10
Power sensor	Anritsu	MA2491A	32263	2025-07-11	2026-07-10
Bilog Antenna	Schwarebeck	VULB9163	9163/340	2022-07-18 2025-07-17	2025-07-17 2028-07-16
9*6*6 Anechoic	--	--	N/A	2025-07-11	2028-07-10
EMI Test Receiver	RS	ESCS 30	834115/006	2025-07-11	2026-07-10
Spectrum	HP/Agilent	E4407B	MY50441392	2025-07-11	2026-07-10
Spectrum	RS	FSP	1164.4391.38	2025-07-11	2026-07-10
RF Cable	Zhengdi	ZT26-NJ-NJ-8M/FA	--	2025-07-11	2026-07-10
RF Cable	Zhengdi	7m	--	2025-07-11	2026-07-10
Pre-Amplifier	Schwarebeck	BBV9743	#218	2025-07-11	2026-07-10
Pre-Amplifier	HP/Agilent	8449B	3008A00160	2025-07-11	2026-07-10
LISN	SCHAFFNER	NNB42	00012	2025-07-11	2026-07-10
LISN	R&S	EZH3-Z5	100294	2025-07-11	2026-07-10

## 2.2 Automation Test Software

For Conducted Emission Test

Name	Version
EZ-EMC	Ver.EMC-CON 3A1.1

For Radiated Emissions

Name	Version
EMI Test Software BL410-EV18.91	V18.905
EMI Test Software BL410-EV18.806 High Frequency	V18.06

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### 3.0 Technical Details

#### 3.1 Summary of test results

The EUT has been tested according to the following specifications:			
Standard	Test Type	Result	Notes
FCC Part 15, Paragraph 15.203	Antenna Requirement	Pass	Complies
FCC Part 15, Paragraph 15.207	Conducted Emission Test	Pass	Complies
FCC Part 15 Subpart C Paragraph 15.249(a) & 15.249(b) Limit	Field Strength of Fundamental	Pass	Complies
FCC Part 15, Paragraph 15.209	Radiated Emission Test	Pass	Complies
FCC Part 15 Subpart C Paragraph 15.249(d) Limit	Band Edge Test	Pass	Complies

#### 3.2 Test Standards

FCC Part 15 Subpart C, Paragraph 15.249 and ANSI C63.10-2020+Cor.1-2023

#### 4.0 EUT Modification

No modification by SHENZHEN TIMEWAY TESTING LABORATORIES

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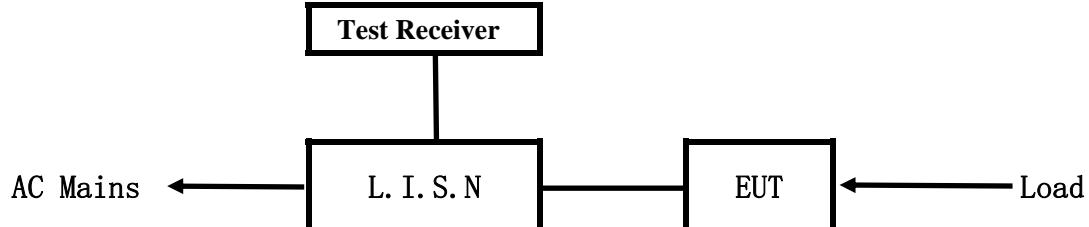
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## 5. Power Line Conducted Emission Test

### 5.1 Schematics of the test



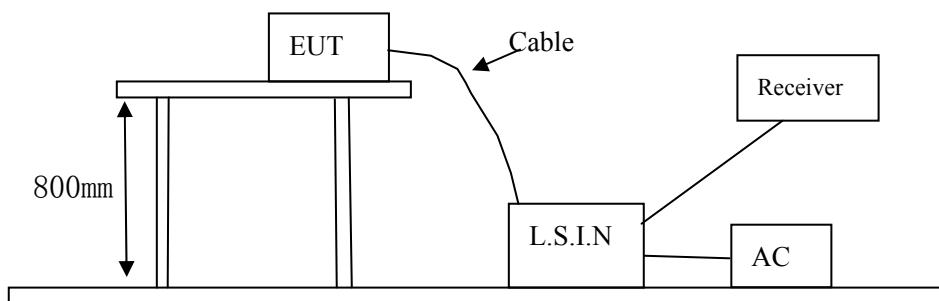
EUT: Equipment Under Test

### 5.2 Test Method and test Procedure

The EUT was tested according to ANSI C63.10-2020+Cor.1-2023. The Frequency spectrum from 0.15MHz to 30MHz was investigated. The LISN used was 50ohm/50uH as specified by section 5.1 of ANSI C63.10-2020+Cor.1-2023.

Test Voltage: 120V~, 60Hz

Block diagram of Test setup



### 5.3 Configuration of the EUT

The EUT was configured according to ANSI C63.10-2020+Cor.1-2023. All interface ports were connected to the appropriate peripherals. All peripherals and cables are listed below.

#### A. EUT

Device	Manufacturer	Model	FCC ID
ACTIVE NOISE CANCELLING HEADSET	Eastern Times Technology Co., Ltd	H610, ET-9203, H610G	TUVET-9203

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B. Internal Device

Device	Manufacturer	Model	FCC ID/DOC
N/A			

C. Peripherals

Device	Manufacturer	Model	Rating
Power Supply	Xiaomi	MDY-12-EF	Input: 100-240V~, 50/60Hz, 1.7A; Output: DC5V, 3A; 5-20A; 6.2- 3.25A(67W Max)

5.4 EUT Operating Condition

Operating condition is according to ANSI C63.10-2020+Cor.1-2023

A Setup the EUT and simulators as shown on follow  
B Enable AF signal and confirm EUT active to normal condition

5.5 Power line conducted Emission Limit according to Paragraph 15.207

Frequency (MHz)	Limits (dB $\mu$ V)	
	Quasi-peak Level	Average Level
0.15 ~ 0.50	66.0~56.0*	56.0~46.0*
0.50 ~ 5.00	56.0	46.0
5.00 ~ 30.00	60.0	50.0

Notes: 1. \*Decreasing linearly with logarithm of frequency.  
2. The tighter limit shall apply at the transition frequencies

5.6 Test Results:

Pass

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**A: Conducted Emission on Live Terminal (150kHz to 30MHz)**

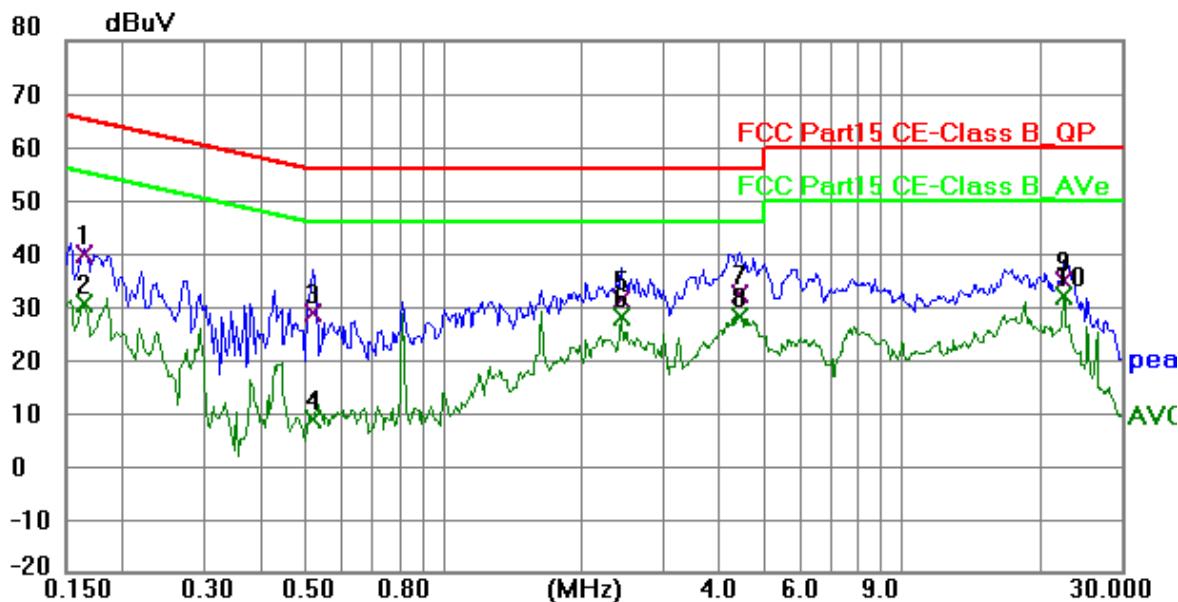
**EUT Operating Environment**

Temperature: 25°C      Humidity: 65%RH      Atmospheric Pressure: 101 kPa

**EUT set Condition: Charging and Communication by BT**

**Results: Pass**

Please refer to following diagram for individual



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1655	29.55	10.33	39.88	65.18	-25.30	QP	P
2	0.1655	20.10	10.33	30.43	55.18	-24.75	AVG	P
3	0.5166	18.33	10.40	28.73	56.00	-27.27	QP	P
4	0.5166	-1.75	10.40	8.65	46.00	-37.35	AVG	P
5	2.4432	19.73	11.48	31.21	56.00	-24.79	QP	P
6	2.4432	16.48	11.48	27.96	46.00	-18.04	AVG	P
7	4.4079	20.08	12.14	32.22	56.00	-23.78	QP	P
8	4.4079	15.90	12.14	28.04	46.00	-17.96	AVG	P
9	22.5273	18.95	15.89	34.84	60.00	-25.16	QP	P
10	22.5273	16.19	15.89	32.08	50.00	-17.92	AVG	P

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**B: Conducted Emission on Neutral Terminal (150kHz to 30MHz)**

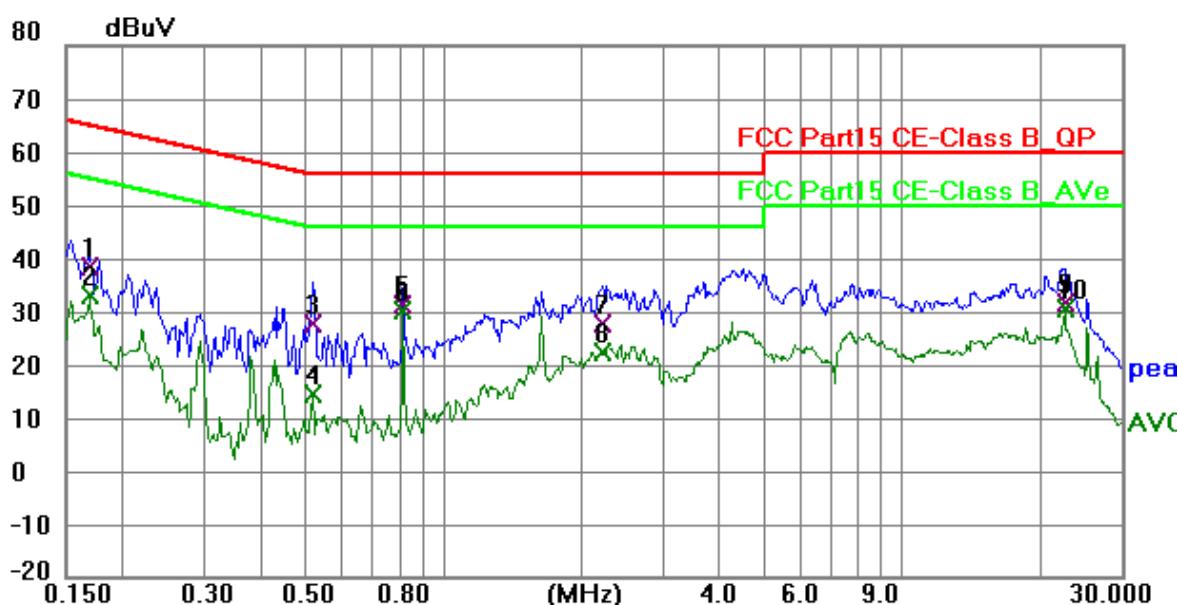
**EUT Operating Environment**

Temperature: 25°C      Humidity: 65%RH      Atmospheric Pressure: 101 kPa

**EUT set Condition: Charging and Communication by BT**

**Results: Pass**

Please refer to following diagram for individual



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1695	27.90	10.33	38.23	64.98	-26.75	QP	P
2	0.1695	22.76	10.33	33.09	54.98	-21.89	AVG	P
3	0.5166	17.16	10.40	27.56	56.00	-28.44	QP	P
4	0.5166	4.01	10.40	14.41	46.00	-31.59	AVG	P
5	0.8169	20.77	10.48	31.25	56.00	-24.75	QP	P
6	0.8169	19.55	10.48	30.03	46.00	-15.97	AVG	P
7	2.2287	16.33	11.40	27.73	56.00	-28.27	QP	P
8	2.2287	10.94	11.40	22.34	46.00	-23.66	AVG	P
9	22.6521	15.79	15.86	31.65	60.00	-28.35	QP	P
10	22.6521	14.74	15.86	30.60	50.00	-19.40	AVG	P

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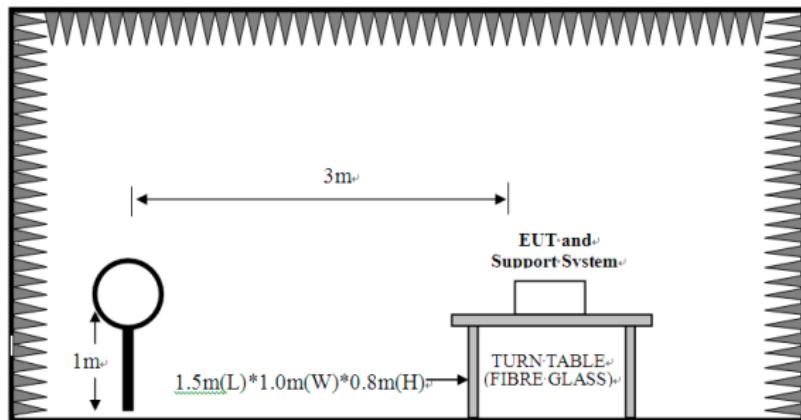
## 6 Radiated Emission Test

### 6.1 Test Method and test Procedure:

- (1) The EUT was tested according to ANSI C63.10-2020+Cor.1-2023. The radiated test was performed at Timeway EMC Laboratory. This site is on file with the FCC laboratory division, Registration No. 744189
- (2) The EUT, peripherals were put on the turntable which table size is 1m x 1.5 m, table high 0.8 m. All set up is according to ANSI C63.10-2020+Cor.1-2023.
- (3) The frequency spectrum from 30 MHz to 25 GHz was investigated. All readings from 30 MHz to 1 GHz are quasi-peak values with a resolution bandwidth of 120 kHz. All readings are above 1 GHz, peak values with a resolution bandwidth of 1 MHz (Note: for Fundamental frequency radiated emission measurement, RBW=3MHz, VBW=10MHz). Measurements were made at 3 meters.
- (4) The antenna height is varied from 1 m to 4 m high to find the maximum emission for each frequency.
- (5) The antenna polarization: Vertical polarization and Horizontal polarization.

### Block diagram of Test setup

For radiated emissions from 9kHz to 30MHz



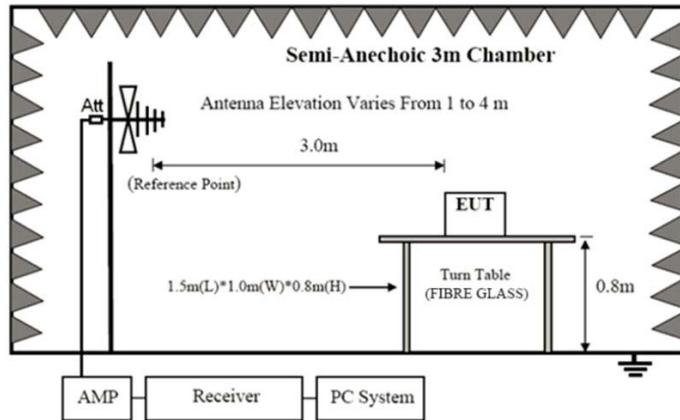
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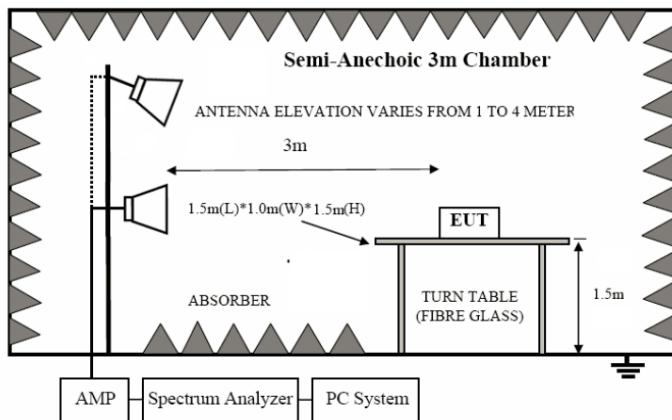
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For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz



## 6.2 Configuration of the EUT

Same as section 5.3 of this report

## 6.3 EUT Operating Condition

Same as section 5.4 of this report.

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#### 6.4 Radiated Emission Limit

All emission from a digital device, including any network of conductors and apparatus connected thereto, shall not exceed the level of field strength specified below:

Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50 dB below the level of the fundamental or to the general radiated emission limits in § 15.209, whichever is the lesser attenuation.

#### A FCC Part 15 Subpart C Paragraph 15.249(a) Limit

Fundamental Frequency (MHz)	Field Strength of Fundamental (3m)			Field Strength of Harmonics (3m)		
	<b>mV/m</b>	<b>dBuV/m</b>		<b>uV/m</b>	<b>dBuV/m</b>	
2400-2483.5	50	94 (Average)	114 (Peak)	500	54 (Average)	74 (Peak)

Note:

1. RF Field Strength (dBuV) =  $20 \log_{10} \text{RF Voltage (uV)}$
2. Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.
3. The emission limit in this paragraph is based on measurement instrumentation employing an average detector.

#### B. Frequencies in restricted band are complied to limit on Paragraph 15.209.

Frequency Range (MHz)	Distance (m)	Field strength (dB $\mu$ V/m)
0.009-0.490	3	$20\log_{10}(2400/F(\text{kHz})) + 40\log_{10}(300/3)$
0.490-1.705	3	$20\log_{10}(24000/F(\text{kHz})) + 40\log_{10}(30/3)$
1.705-30	3	69.5
30-88	3	40.0
88-216	3	43.5
216-960	3	46.0
Above 960	3	54.0

Note:

1. RF Voltage (dBuV) =  $20 \log_{10} \text{RF Voltage (uV)}$
2. In the Above Table, the tighter limit applies at the band edges.
3. Distance refers to the distance in meters between the measuring instrument antenna and the EUT
4. All scanning using PK detector. And the final emission level was get using QP detector for frequency range from 30-1000MHz. As to 1G-25G, the final emission level got using PK. For fundamental measurement, PK detector used.
5. The two modulation modes of GFSK, Pi/4D-QPSK were tested. And only the worst case was recorded in the test report. GFSK was the worst case.
6. Battery was fully charged during test

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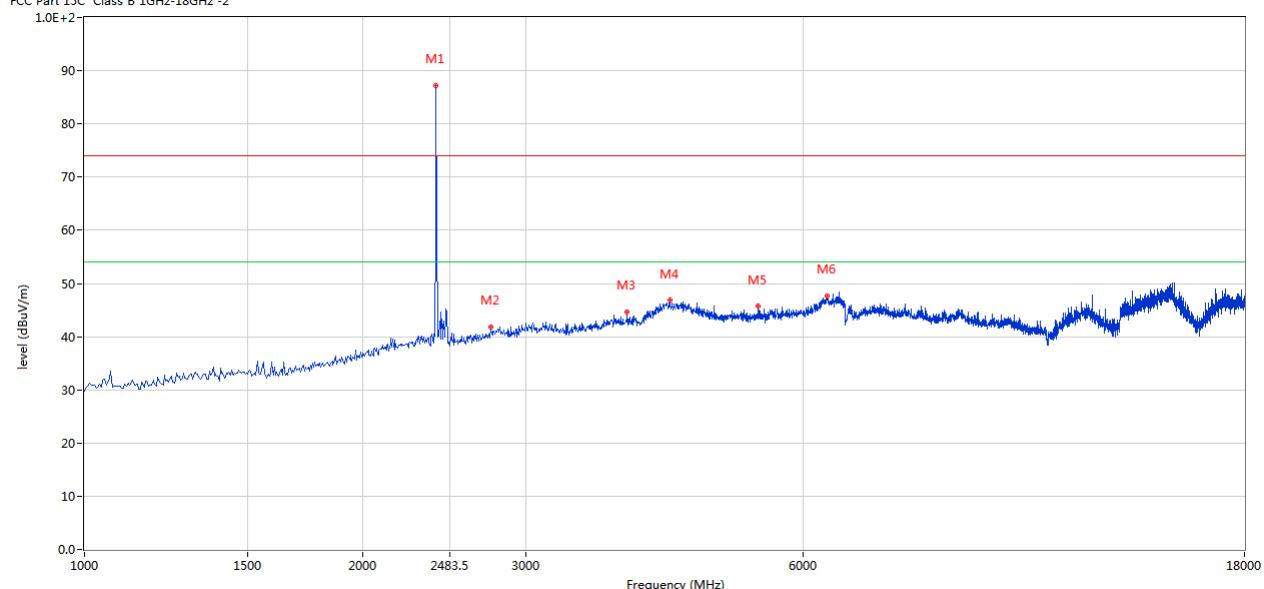
## 6.5 Test result

### A Fundamental & Harmonics Radiated Emission Data

Please refer to the following test plots for details: Low Channel-2402MHz

#### Horizontal

FCC Part 15C Class B 1GHz-18GHz -2



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	2402	87.24	-3.57	114.0	-26.76	Peak	83.00	100	Horizontal	Pass
2	2750.562	41.75	-2.83	74.0	-32.25	Peak	10.00	100	Horizontal	Pass
3	3868.033	44.69	0.65	74.0	-29.31	Peak	297.00	100	Horizontal	Pass
4	4297.176	46.86	1.83	74.0	-27.14	Peak	358.00	100	Horizontal	Pass
5	5359.410	45.74	3.61	74.0	-28.26	Peak	119.00	100	Horizontal	Pass
6	6362.159	47.57	5.21	74.0	-26.43	Peak	16.00	100	Horizontal	Pass

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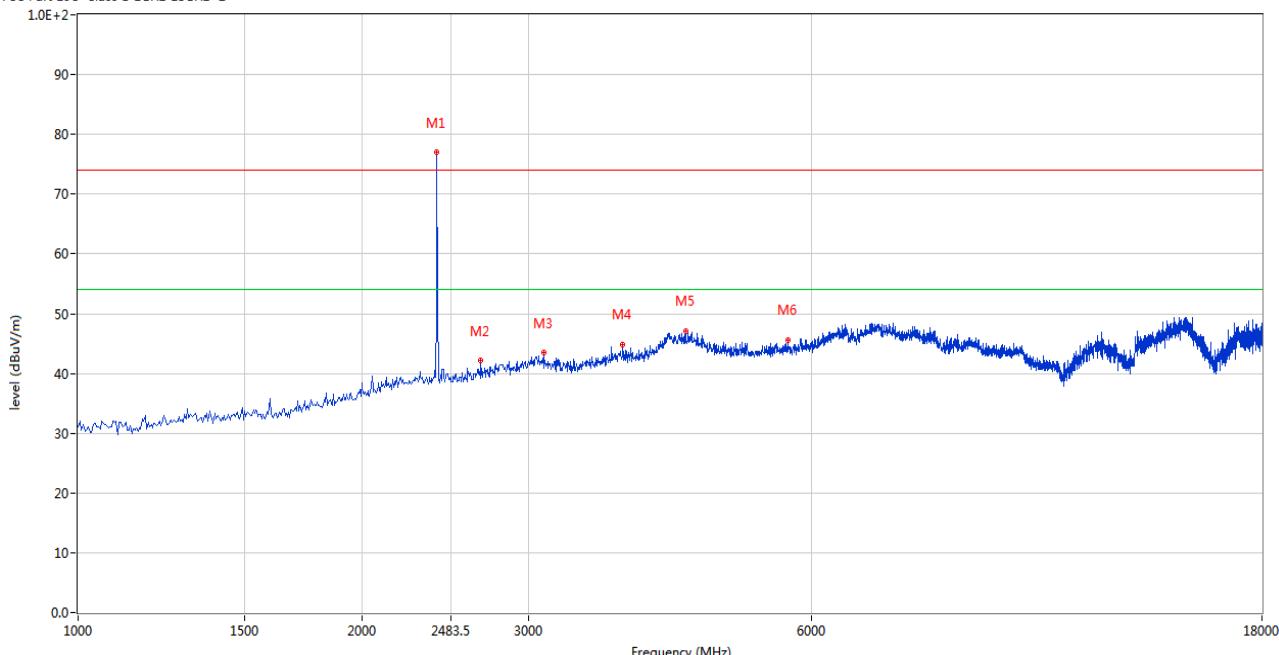
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## Vertical

FCC Part 15C Class B 1GHz-18GHz -2



No.	Frequency (MHz)	Results (dBm)	Factor (dB)	Limit (dBm)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	2402	76.99	-3.57	114.0	-37.01	Peak	118.00	100	Vertical	Pass
2	2674.081	42.10	-3.05	74.0	-31.90	Peak	5.00	100	Vertical	Pass
3	3115.971	43.47	-2.16	74.0	-30.53	Peak	113.00	100	Vertical	Pass
4	3778.805	44.86	0.20	74.0	-29.14	Peak	264.00	100	Vertical	Pass
5	4407.648	47.09	2.02	74.0	-26.91	Peak	31.00	100	Vertical	Pass
6	5661.085	45.54	3.87	74.0	-28.46	Peak	353.00	100	Vertical	Pass

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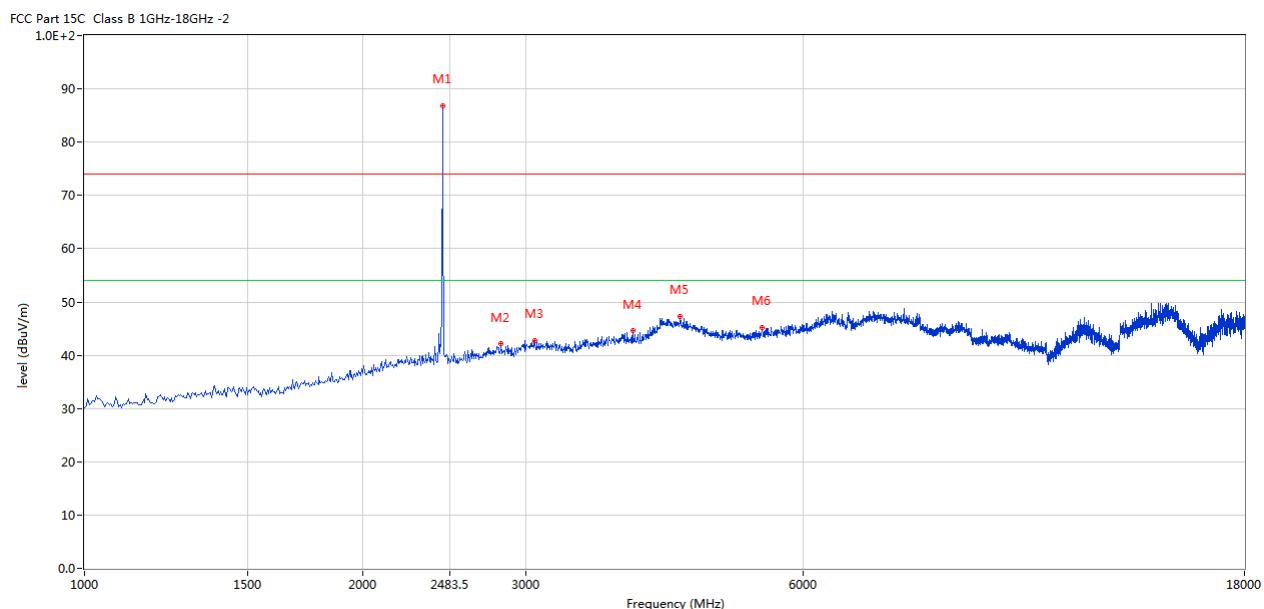
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Please refer to the following test plots for details: Middle Channel-2441MHz

### Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	2441	86.89	-3.57	114.0	-27.11	Peak	76.00	100	Horizontal	Pass
2	2822.794	42.12	-2.69	74.0	-31.88	Peak	56.00	100	Horizontal	Pass
3	3069.233	42.68	-2.33	74.0	-31.32	Peak	354.00	100	Horizontal	Pass
4	3919.020	44.67	0.89	74.0	-29.33	Peak	7.00	100	Horizontal	Pass
5	4411.897	47.31	2.02	74.0	-26.69	Peak	101.00	100	Horizontal	Pass
6	5410.397	45.28	3.72	74.0	-28.72	Peak	225.00	100	Horizontal	Pass

The report refers only to the sample tested and does not apply to the bulk.

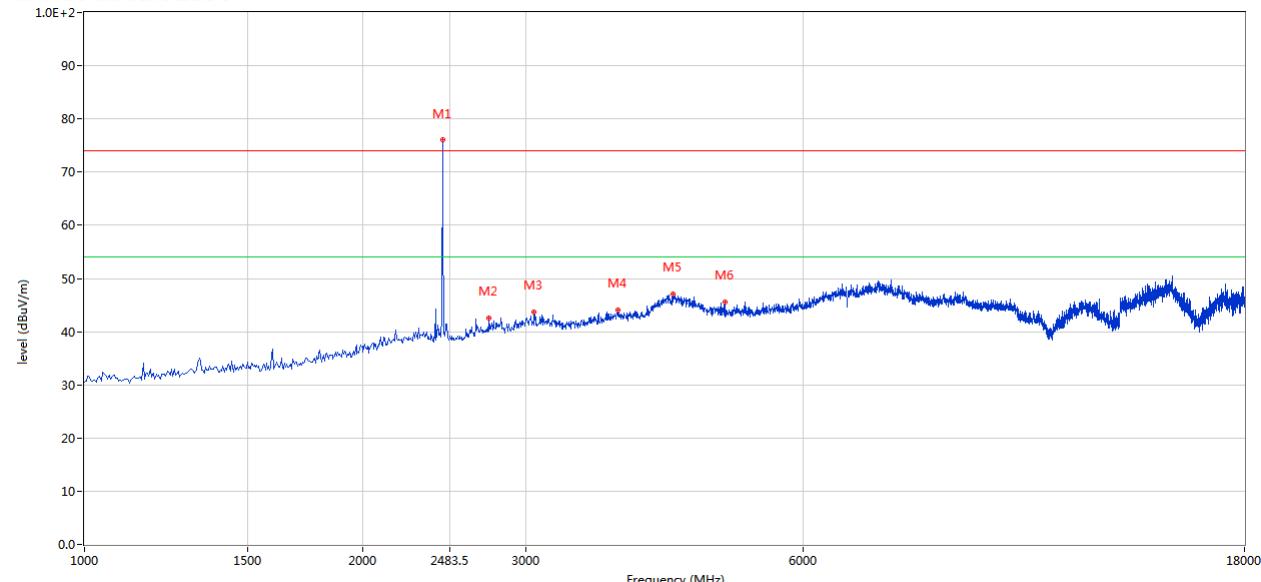
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## Vertical

FCC Part 15C Class B 1GHz-18GHz -2



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	2441	76.03	-3.57	114.0	-37.97	Peak	119.00	100	Vertical	Pass
2	2742.064	42.47	-2.85	74.0	-31.53	Peak	327.00	100	Vertical	Pass
3	3064.984	43.70	-2.35	74.0	-30.30	Peak	164.00	100	Vertical	Pass
4	3778.805	44.09	0.20	74.0	-29.91	Peak	302.00	100	Vertical	Pass
5	4335.416	47.14	1.90	74.0	-26.86	Peak	246.00	100	Vertical	Pass
6	4938.765	45.60	3.31	74.0	-28.40	Peak	318.00	100	Vertical	Pass

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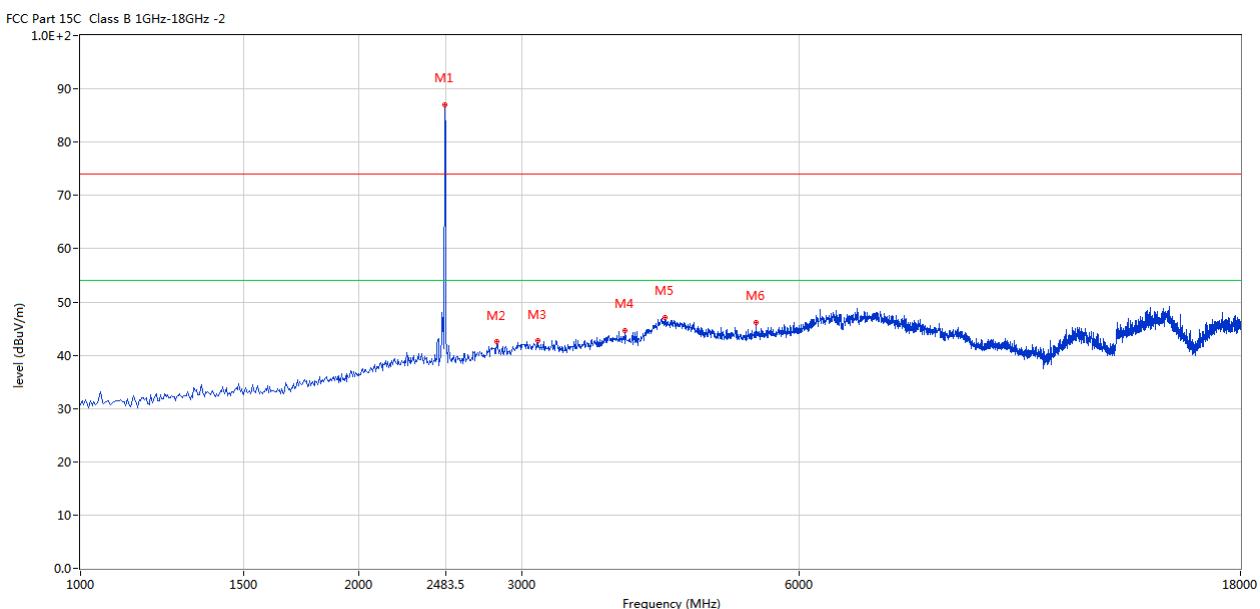
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Please refer to the following test plots for details: High Channel-2480MHz

### Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	2480	87.07	-3.57	114.0	-26.93	Peak	85.00	100	Horizontal	Pass
2	2818.545	42.62	-2.69	74.0	-31.38	Peak	172.00	100	Horizontal	Pass
3	3124.469	42.78	-2.14	74.0	-31.22	Peak	29.00	100	Horizontal	Pass
4	3885.029	44.72	0.74	74.0	-29.28	Peak	247.00	100	Horizontal	Pass
5	4288.678	47.12	1.81	74.0	-26.88	Peak	220.00	100	Horizontal	Pass
6	5384.904	46.22	3.67	74.0	-27.78	Peak	270.00	100	Horizontal	Pass

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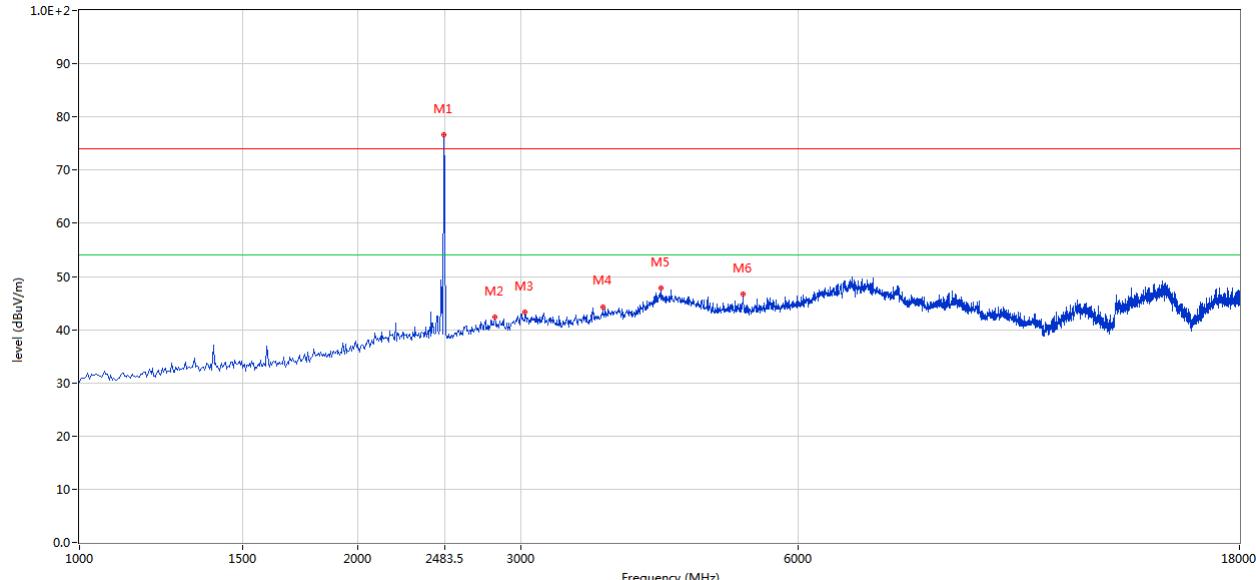
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## Vertical

FCC Part 15C Class B 1GHz-18GHz -2



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	2480	76.62	-3.57	114.0	-37.38	Peak	323.00	100	Vertical	Pass
2	2814.296	42.32	-2.69	74.0	-31.68	Peak	145.00	100	Vertical	Pass
3	3035.241	43.25	-2.48	74.0	-30.75	Peak	269.00	100	Vertical	Pass
4	3685.329	44.31	-0.28	74.0	-29.69	Peak	313.00	100	Vertical	Pass
5	4254.686	47.81	1.73	74.0	-26.19	Peak	101.00	100	Vertical	Pass
6	5223.444	46.61	3.61	74.0	-27.39	Peak	293.00	100	Vertical	Pass

Note:

- (2) Emission Level = Reading Level + Antenna Factor + Cable Loss-Amplifier
- (3) Margin=Emission-Limits
- (4) According to section 15.35(b), the peak limit is 20dB higher than the average limit
- (5) For test purpose, keep EUT continuous transmitting
- (5) For emission above 18GHz and Below 30MHz, It is only the floor noise. No necessary to take down.
- (6) the measured PK value less than the AV limit.

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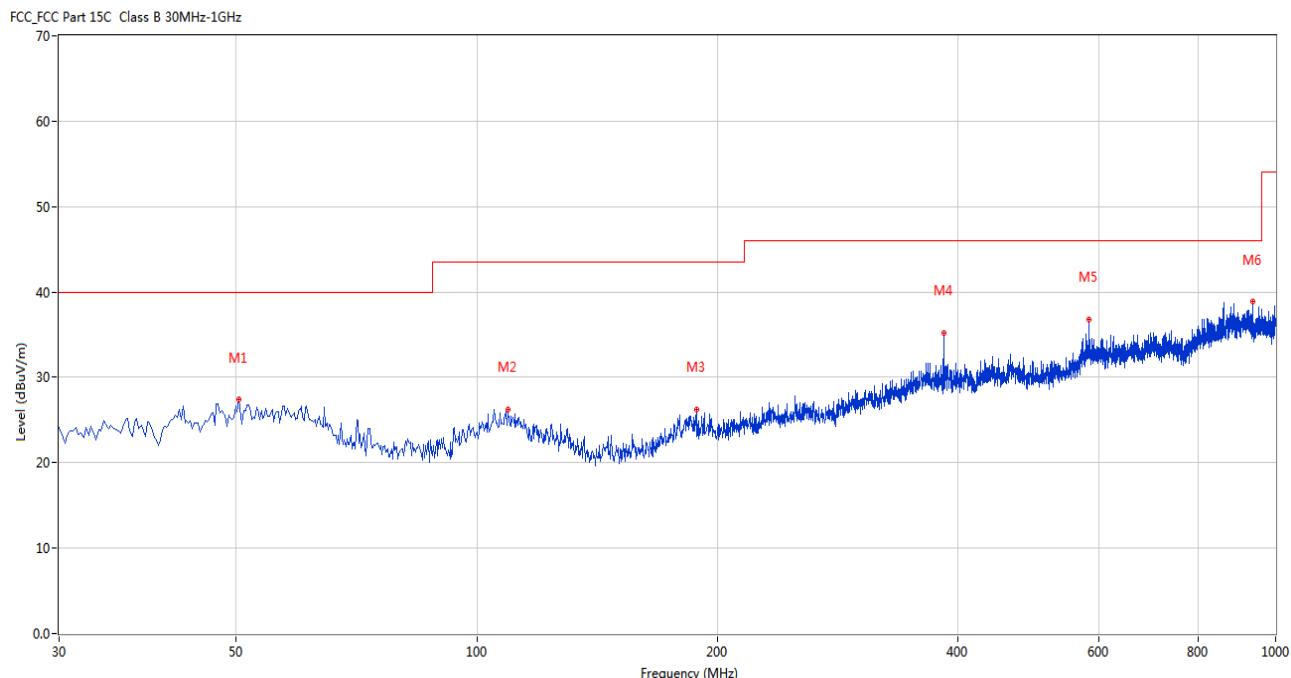
## B. General Radiated Emission Data

### Radiated Emission In Horizontal (30MHz----1000MHz)

EUT set Condition: Keep Tx transmitting

**Results: Pass**

Please refer to following diagram for individual



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	50.365	27.36	-5.13	40.0	12.64	Peak	192.00	100	Horizontal	Pass
2	109.520	26.26	-5.98	43.5	17.24	Peak	114.00	100	Horizontal	Pass
3	188.313	26.21	-7.35	43.5	17.29	Peak	352.00	100	Horizontal	Pass
4	383.962	35.25	-2.04	46.0	10.75	Peak	68.00	100	Horizontal	Pass
5	584.459	36.78	1.71	46.0	9.22	Peak	264.00	100	Horizontal	Pass
6	936.481	38.83	4.53	46.0	7.17	Peak	54.00	100	Horizontal	Pass

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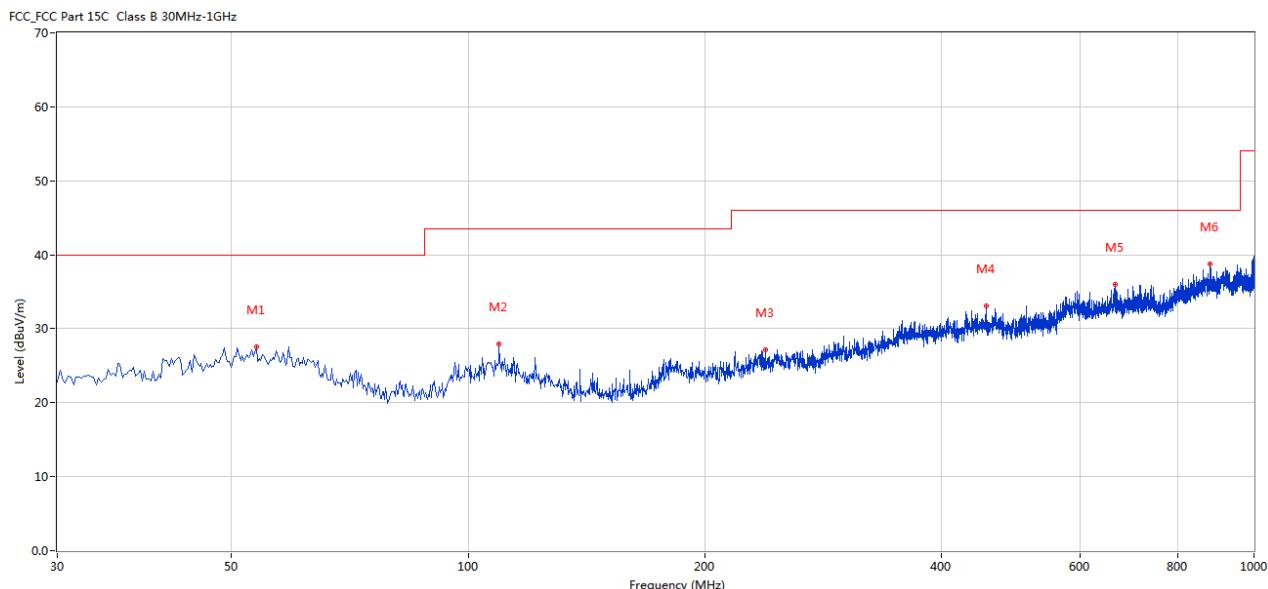


### Radiated Emission In Vertical (30MHz----1000MHz)

EUT set Condition: Keep Tx transmitting

#### Results: Pass

Please refer to following diagram for individual



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	53.759	27.60	-5.16	40.0	12.40	Peak	242.00	100	Vertical	Pass
2	109.520	27.89	-5.98	43.5	15.61	Peak	34.00	100	Vertical	Pass
3	238.740	27.14	-5.63	46.0	18.86	Peak	237.00	100	Vertical	Pass
4	456.451	33.07	-0.96	46.0	12.93	Peak	30.00	100	Vertical	Pass
5	666.403	35.97	1.93	46.0	10.03	Peak	0.00	100	Vertical	Pass
6	879.993	38.79	5.14	46.0	7.21	Peak	41.00	100	Vertical	Pass

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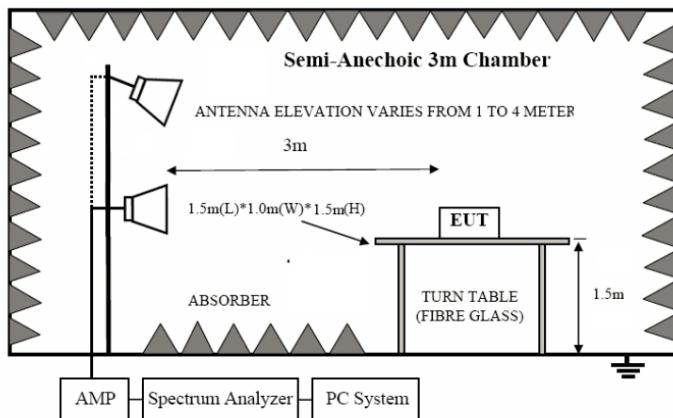


## 7. Band Edge

### 7.1 Test Method and test Procedure:

- (1) The EUT was tested according to ANSI C63.10-2020+Cor.1-2023. The radiated test was performed at Timeway EMC Laboratory. This site is on file with the FCC laboratory division, Registration No. 744189
- (2) Set Spectrum as RBW=1MHz, VBW=3MHz and Peak detector used for PK value. RBW=1MHz, VBW=10Hz and Peak detector used for AV value.
- (3) The antenna high is varied from 1 m to 4 m high to find the maximum emission for each frequency.
- (4) The antenna polarization: Vertical polarization and Horizontal polarization.

### 7.2 Radiated Test Setup



For the actual test configuration, please refer to the related items – Photos of Testing

### 7.3 Configuration of the EUT

Same as section 5.3 of this report

### 7.4 EUT Operating Condition

Same as section 5.4 of this report.

### 7.5 Band Edge Limit

Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50 dB below the level of the fundamental or to the general radiated emission limits in Section 15.209, whichever is the lesser attenuation.

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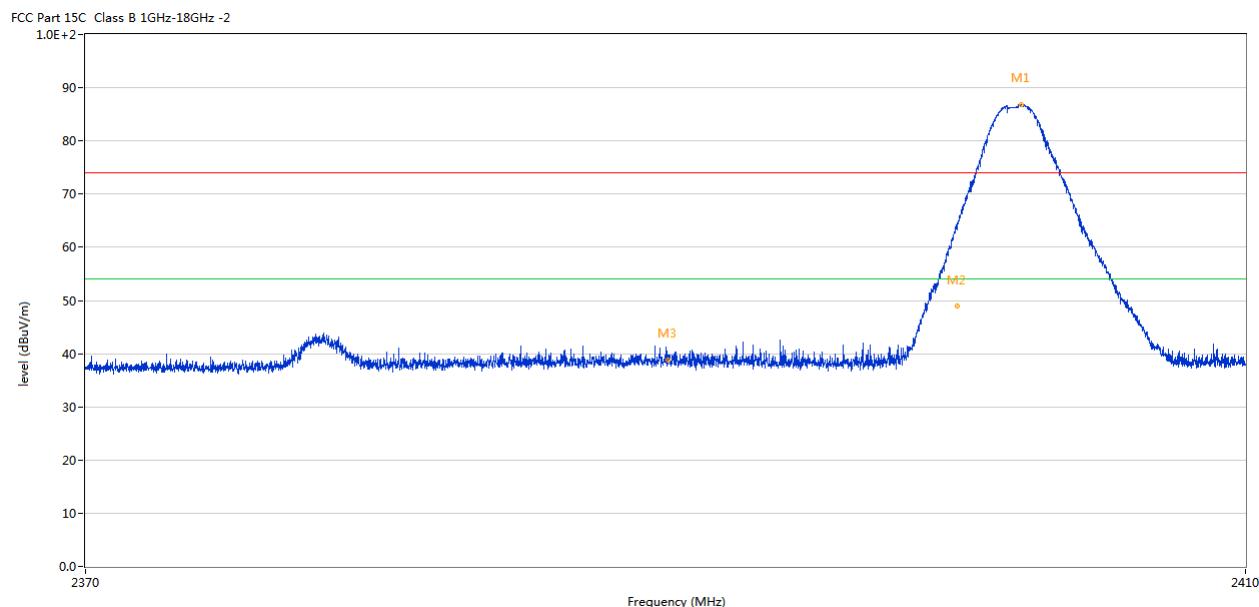
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## 7.6 Test Result

Product:	ACTIVE NOISE CANCELLING HEADSET	Polarity	Horizontal
Mode	Keeping Transmitting	Test Voltage	DC3.7V
Temperature	24 deg. C,	Humidity	56% RH
Test Result:	Pass	--	--



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	2402.212	86.85	-3.57	74.0	12.85	Peak	75.00	100	Horizontal	N/A
2	2400.000	63.53	-3.57	74.0	-10.47	Peak	68.78	100	Horizontal	Pass
2**	2400.000	48.89	-3.57	54.0	-5.11	AV	68.78	100	Horizontal	Pass
3	2390.000	38.79	-3.53	74.0	-35.21	Peak	98.00	100	Horizontal	Pass

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Product:	ACTIVE NOISE CANCELLING HEADSET		Detector	Vertical						
Mode	Keeping Transmitting		Test Voltage	DC3.7V						
Temperature	24 deg. C,		Humidity	56% RH						
Test Result:	Pass		--	--						
FCC Part 15C Class B 1GHz-18GHz -2										
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	2402.212	76.49	-3.57	74.0	2.49	Peak	128.00	100	Vertical	N/A
2	2400.000	53.98	-3.57	74.0	-20.02	Peak	279.67	100	Vertical	Pass
2**	2400.000	39.22	-3.57	54.0	-14.78	AV	279.67	100	Vertical	Pass
3	2390.000	38.25	-3.53	74.0	-35.75	Peak	335.50	100	Vertical	Pass
4	2390.795	47.69	-3.53	74.0	-26.31	Peak	339.00	100	Vertical	Pass

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Product:	ACTIVE NOISE CANCELLING HEADSET		Polarity	Horizontal						
Mode	Keeping Transmitting		Test Voltage	DC3.7V						
Temperature	24 deg. C,		Humidity	56% RH						
Test Result:	Pass		--	--						
FCC Part 15C Class B 1GHz-18GHz -2										
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	2479.725	86.16	-3.57	74.0	12.16	Peak	72.00	100	Horizontal	N/A
2	2483.500	53.51	-3.57	74.0	-20.49	Peak	73.71	100	Horizontal	Pass
2**	2483.500	38.80	-3.57	54.0	-15.20	AV	73.71	100	Horizontal	Pass

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Product:	ACTIVE NOISE CANCELLING HEADSET		Detector	Vertical						
Mode	Keeping Transmitting		Test Voltage	DC3.7V						
Temperature	24 deg. C,		Humidity	56% RH						
Test Result:	Pass		--	--						
FCC Part 15C Class B 1GHz-18GHz -2										
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	2479.725	76.08	-3.57	74.0	2.08	Peak	327.00	100	Vertical	N/A
2	2483.500	42.05	-3.57	74.0	-31.95	Peak	237.00	100	Vertical	Pass

Note: 1. The PK emission level less than the AV limit. No necessary to record the AV emission level.  
 2. The three modulation modes of GFSK, Pi/4D-QPSK were tested. And only the worst case was recorded in the test report. GFSK was the worst case.

The report refers only to the sample tested and does not apply to the bulk.

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## 8.0 Antenna Requirement

### Applicable Standard

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section.

This product has a PCB antenna with gain -0.58dBi maximum. It fulfills the requirement of this section.

Test Result: Pass

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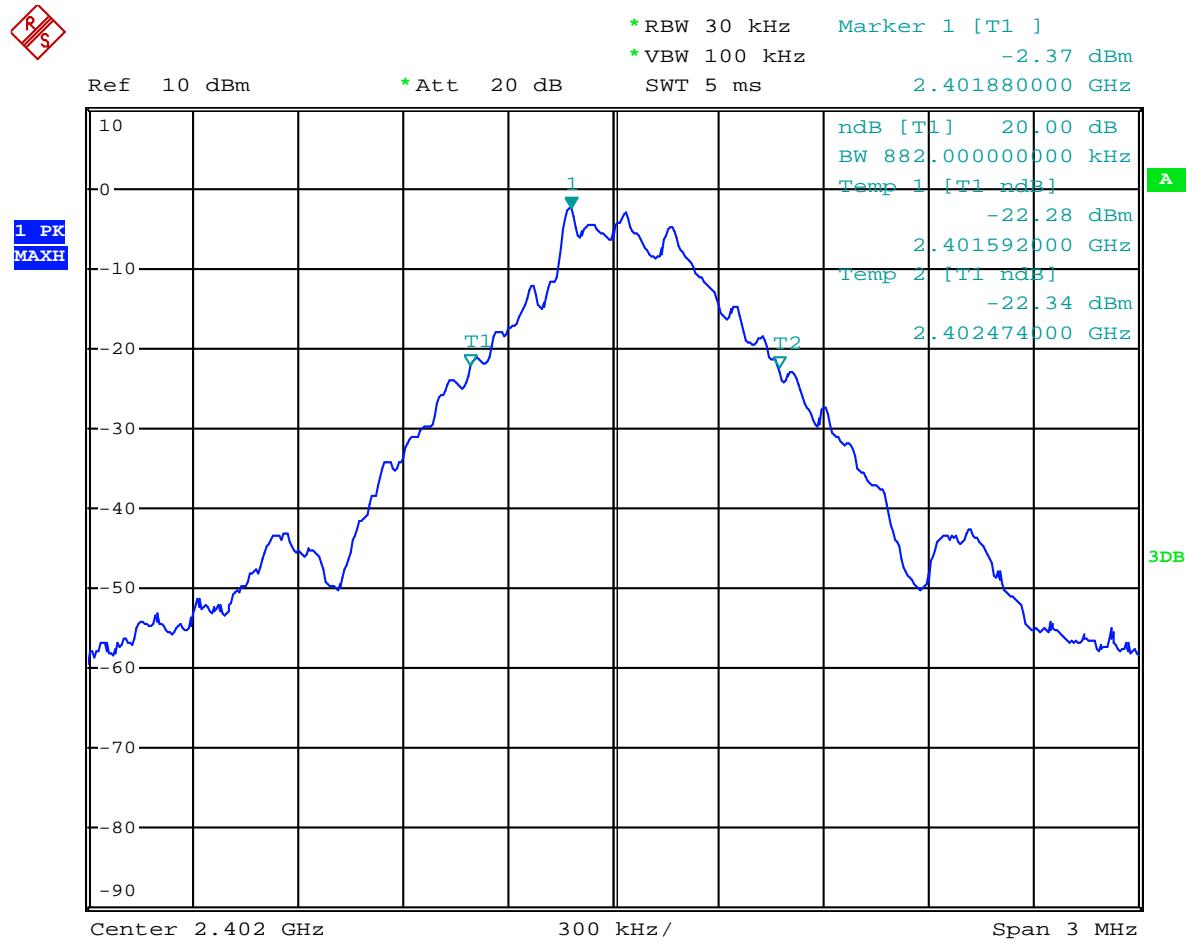
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## 9.0 20dB Bandwidth Measurement

### GFSK

Product:	ACTIVE NOISE CANCELLING HEADSET	Test Mode:	Keep transmitting
Mode	Keeping Transmitting	Test Voltage	DC3.7V
Temperature	24 deg. C,	Humidity	56% RH
Test Result:	Pass	Detector	PK
20dB Bandwidth	882kHz	--	--



Date: 8.AUG.2025 14:12:46

The report refers only to the sample tested and does not apply to the bulk.

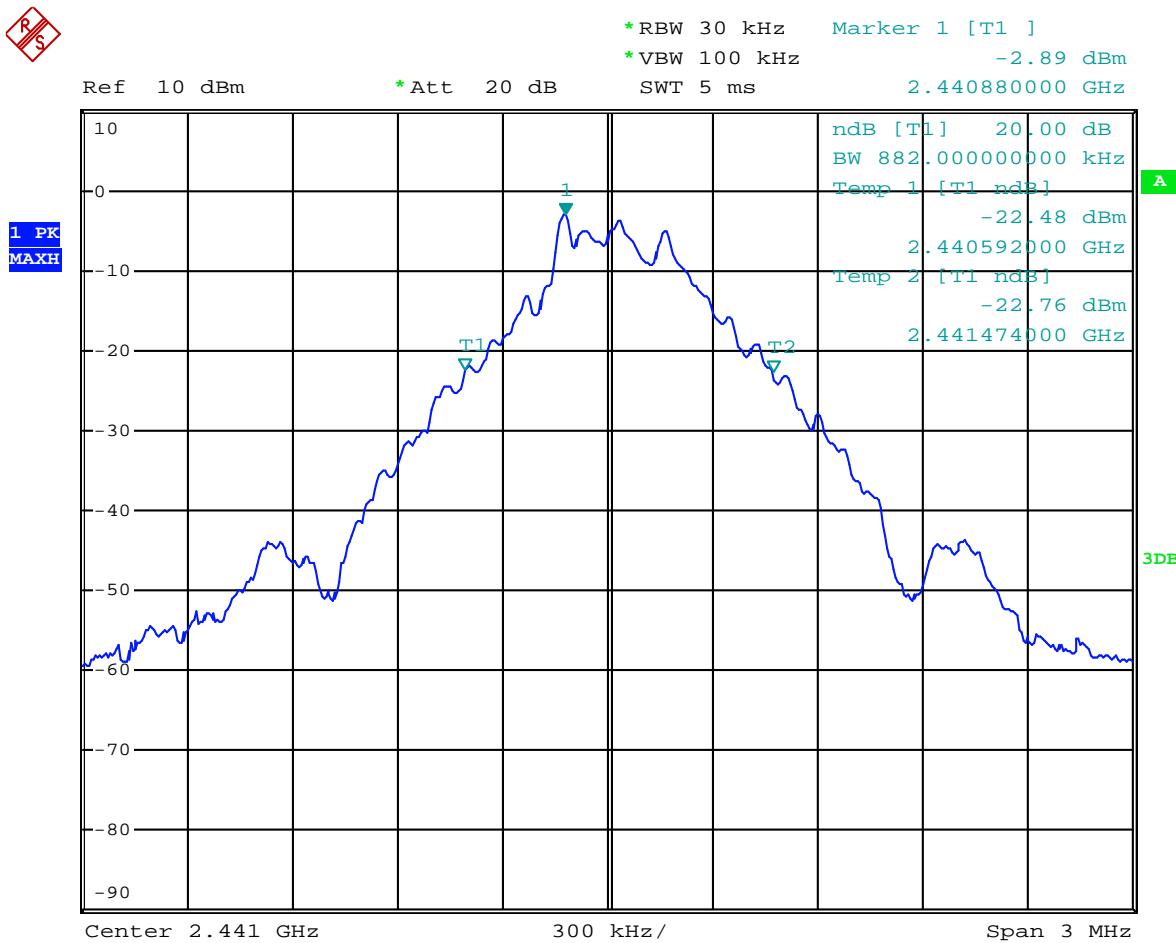
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**GFSK**

Product:	ACTIVE NOISE CANCELLING HEADSET	Test Mode:	Keep transmitting
Mode	Keeping Transmitting	Test Voltage	DC3.7V
Temperature	24 deg. C,	Humidity	56% RH
Test Result:	Pass	Detector	PK
20dB Bandwidth	882kHz	--	--



Date: 8.AUG.2025 14:15:57

The report refers only to the sample tested and does not apply to the bulk.

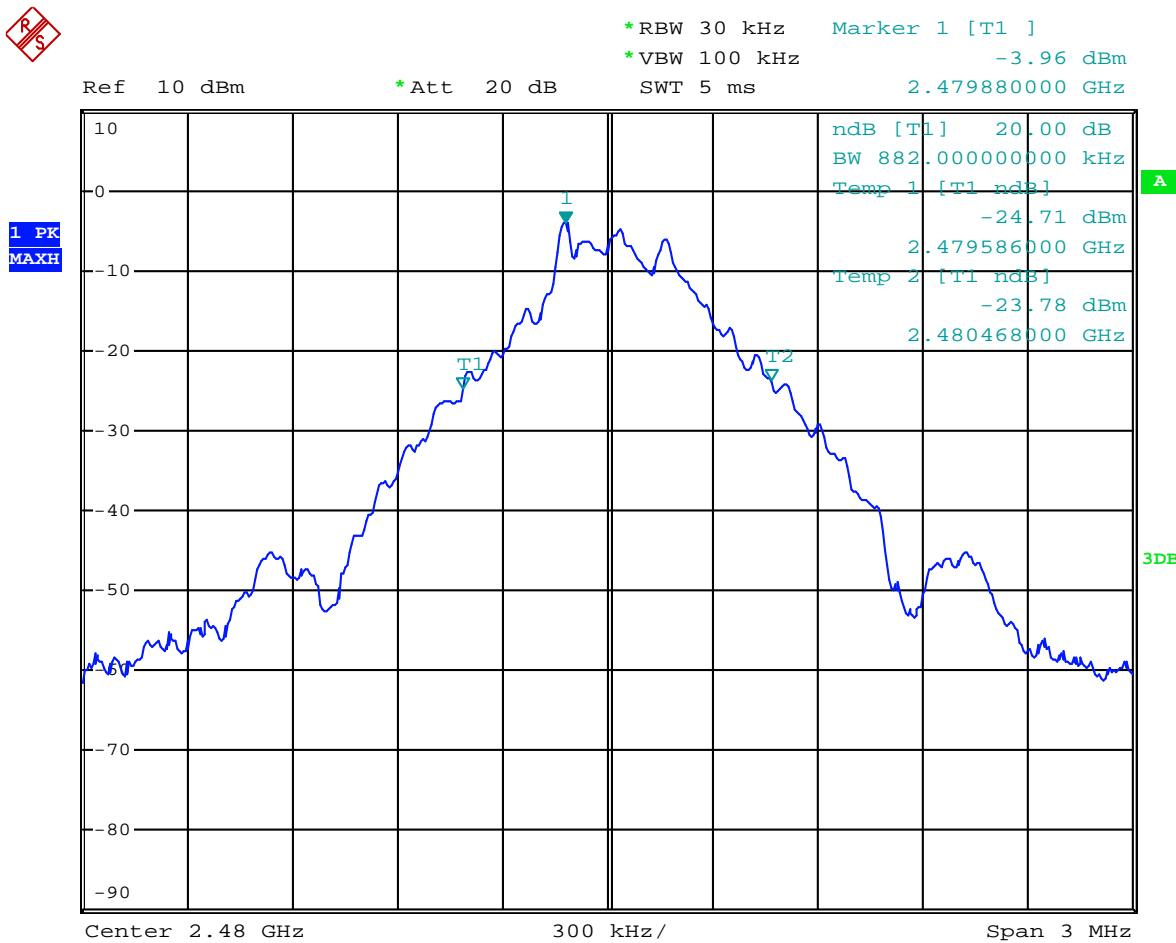
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**GFSK**

Product:	ACTIVE NOISE CANCELLING HEADSET	Test Mode:	Keep transmitting
Mode	Keeping Transmitting	Test Voltage	DC3.7V
Temperature	24 deg. C,	Humidity	56% RH
Test Result:	Pass	Detector	PK
20dB Bandwidth	882kHz	--	--



Date: 8.AUG.2025 14:17:05

The report refers only to the sample tested and does not apply to the bulk.

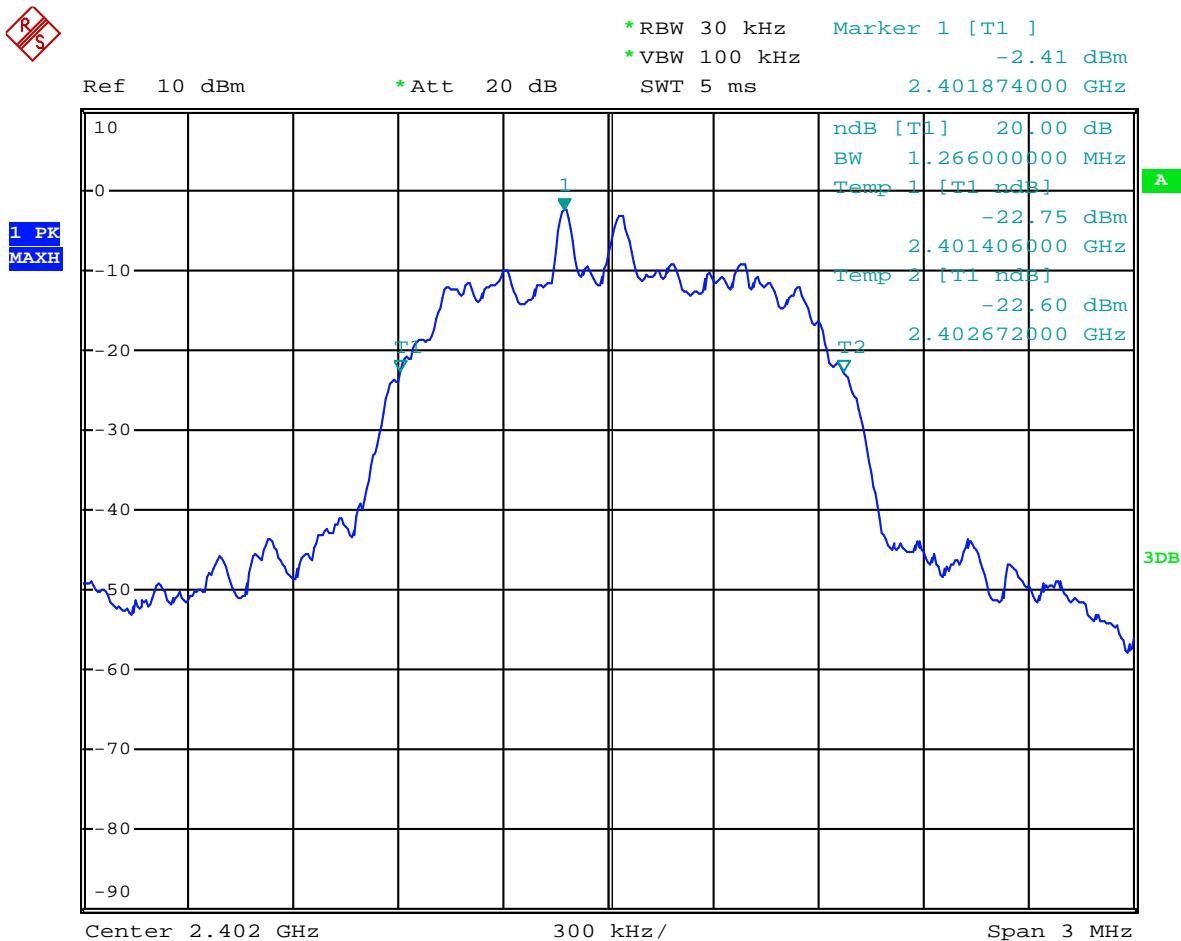
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Π/4DQPSK

Product:	TWS earphones	Test Mode:	Keep transmitting
Mode	Keeping Transmitting	Test Voltage	DC3.7V
Temperature	24 deg. C,	Humidity	56% RH
Test Result:	Pass	Detector	PK
20dB Bandwidth	1.266MHz	--	--

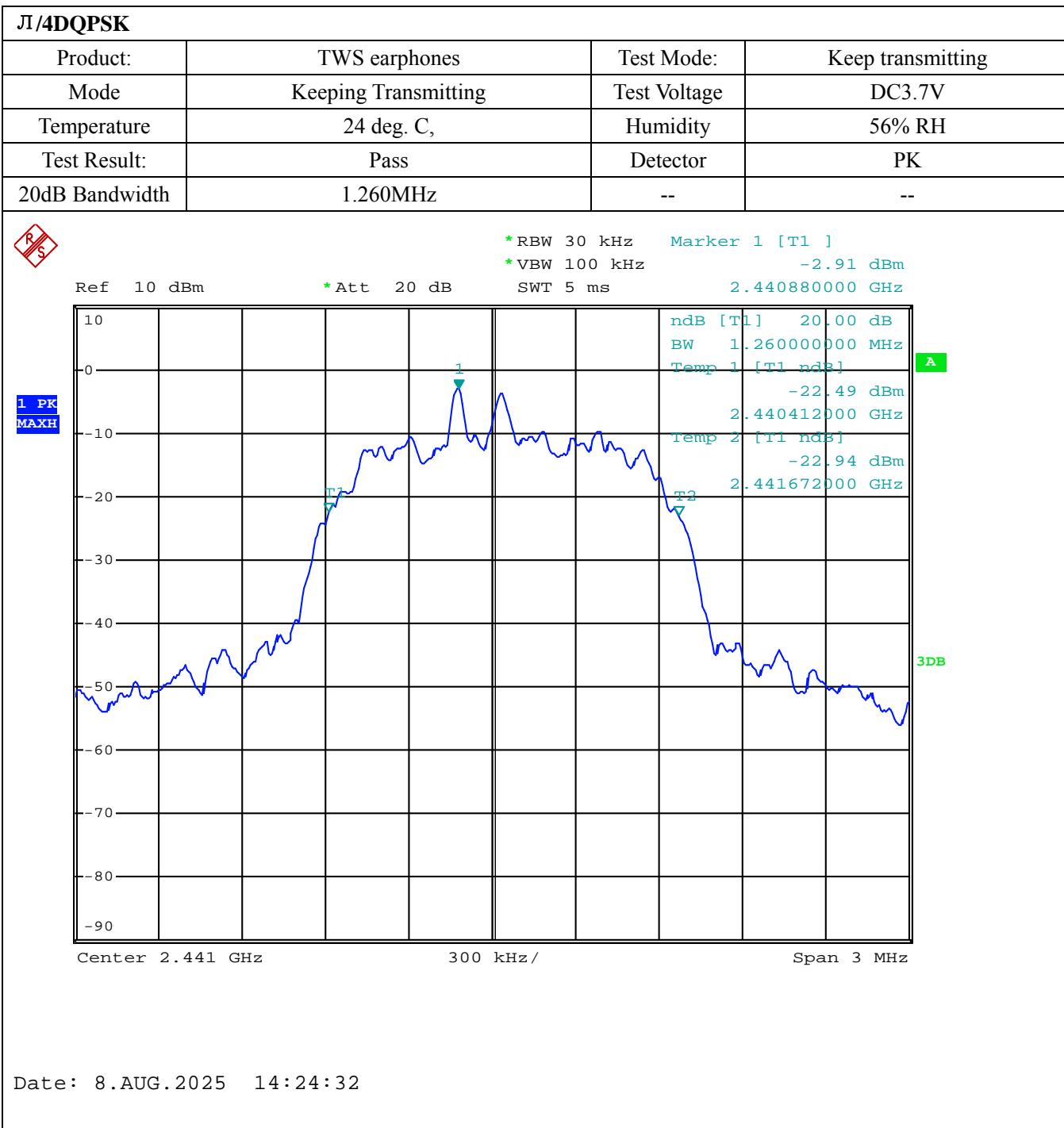


Date: 8.AUG.2025 14:25:32

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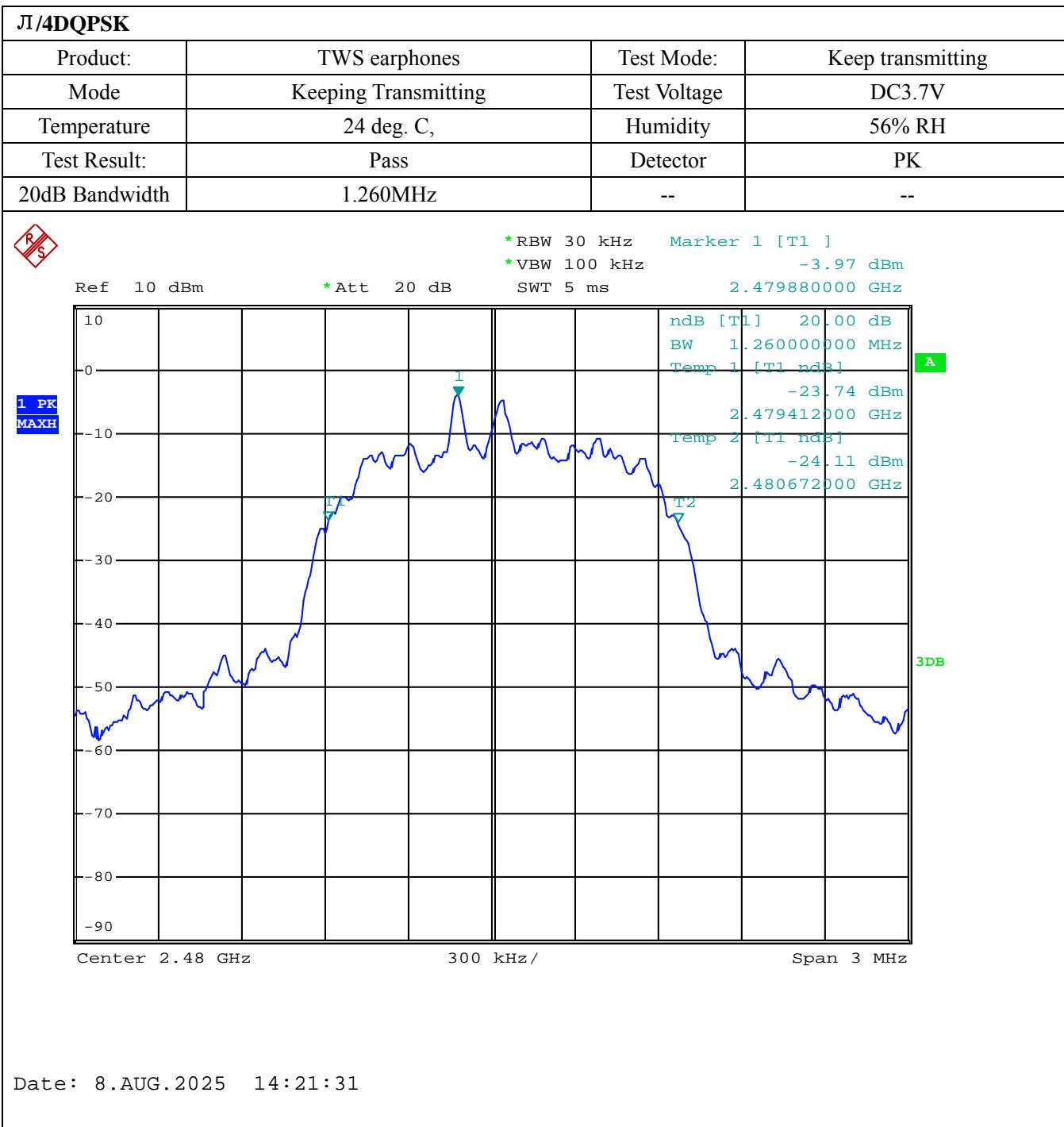
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## 10.0 FCC ID Label

**FCC ID: TUVET-9203**

The label must not be a stick-on paper label. The label on these products must be permanently affixed to the product and readily visible at the time of purchase and must last the expected lifetime of the equipment not be readily detachable.

### Mark Location:



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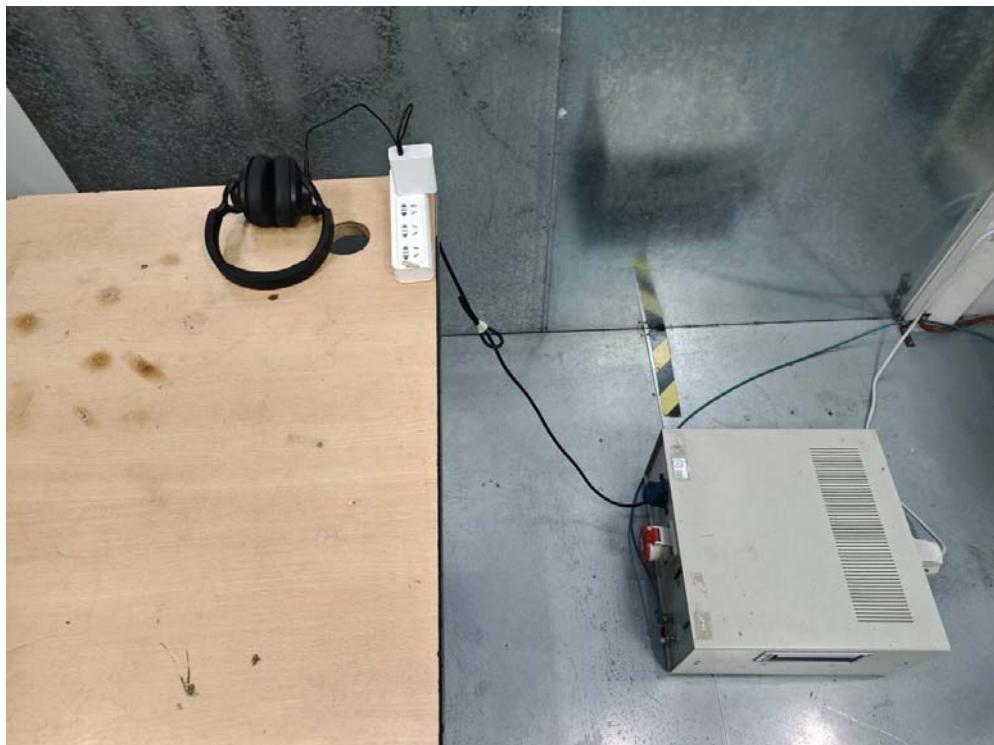
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**11.0** Photo of testing

**11.1** Conducted test View--



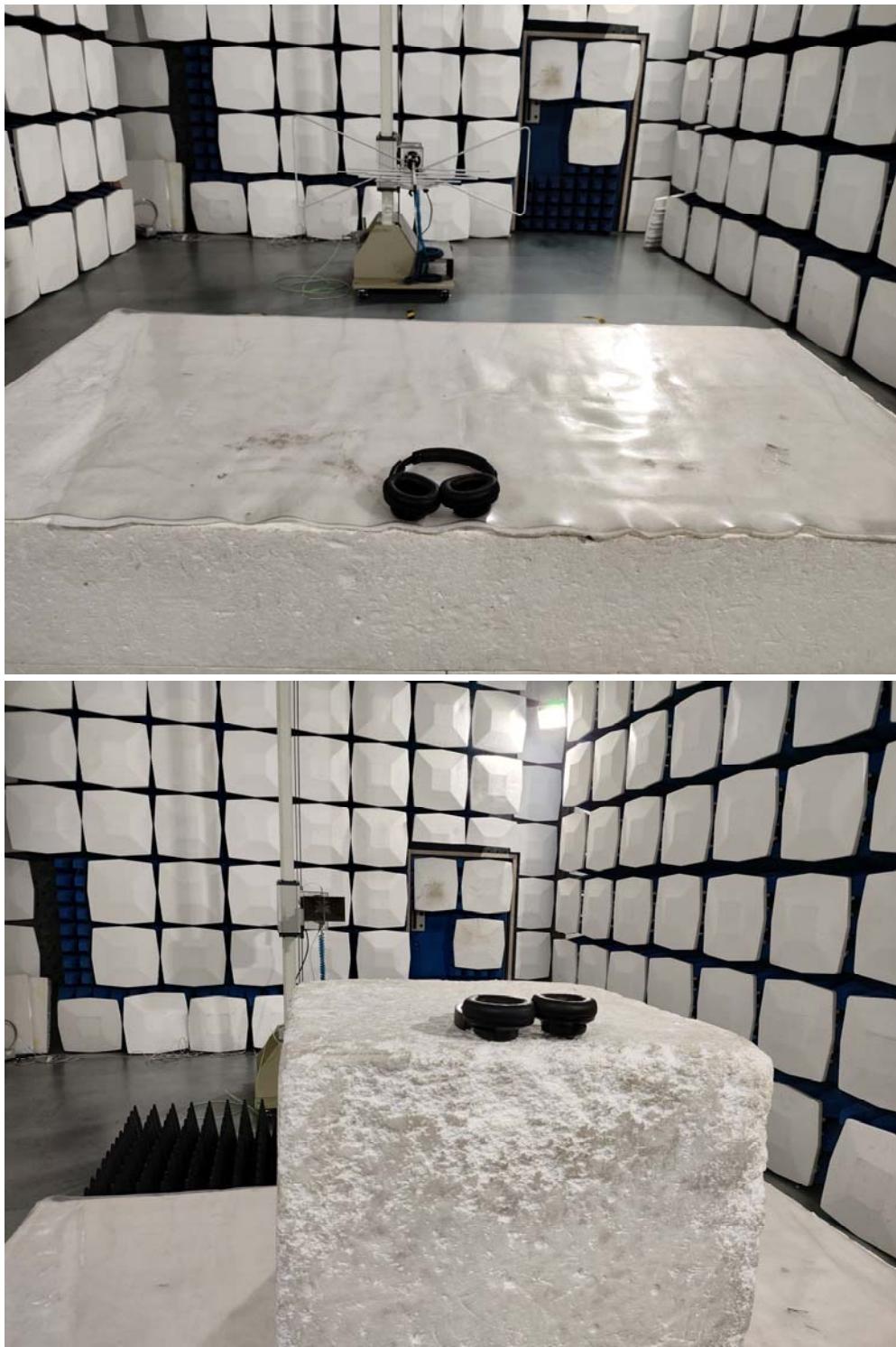
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Radiated emission test view



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## 11.2 Photographs – EUT

Outside View-Headset



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Outside View-Headset



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Outside View-Headset



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Inside View-Headset



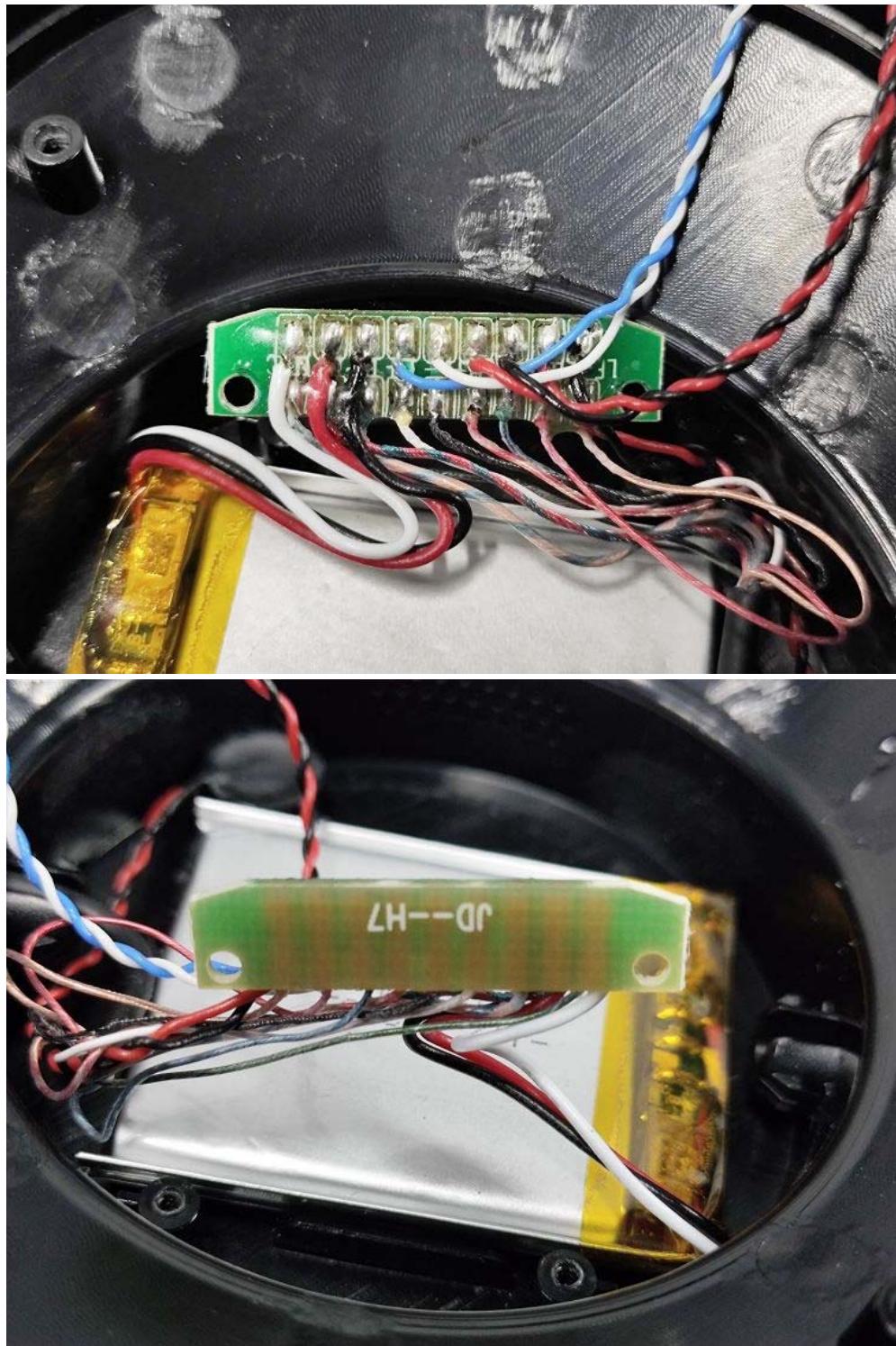
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Inside View-Headset



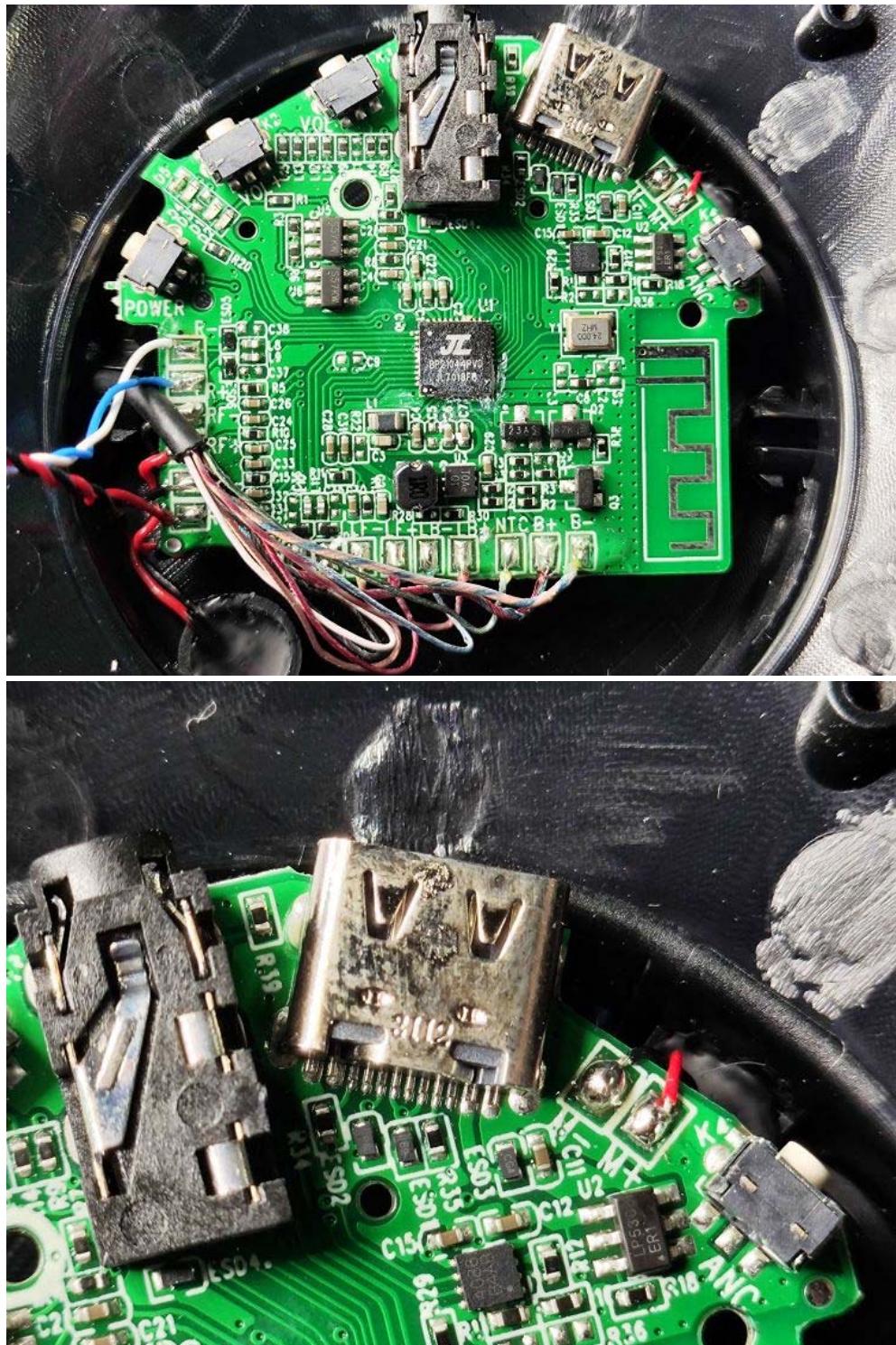
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Inside View-Headset



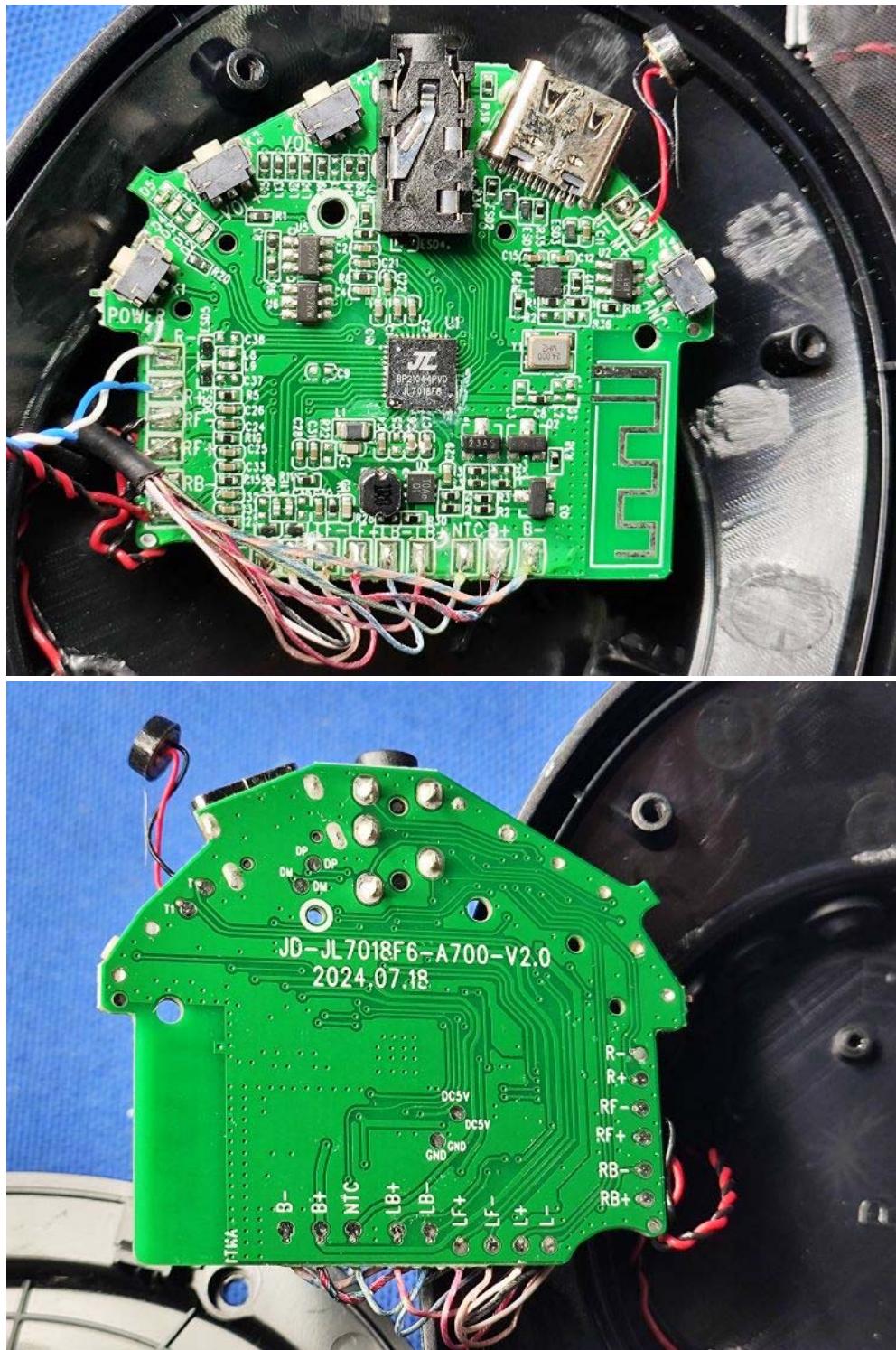
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Inside View-Headset



--End of the report--

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