

Report No.:	TW2405057E
Applicant:	TECHNOFASHION INC.
Product:	Wireless Headphone
Model No.:	UCCHP03-01, UCCHP03-02, UCCHP03-X02, UCCHP03-03, UCCHP03-06, UCCHP03-19
Trademark:	N/A
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:	May 16, 2024

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.

Industry Canada (IC) — Registration No.: 5205A

The EMC Laboratory has been registered by Certification and Engineering Bureau of Industry Canada 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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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, ChinaTelephone:(755) 83448688Fax:(755) 83442996Site on File with the Federal Communications Commission – United SatesRegistration Number: 744189For 3m Anechoic Chamber

1.2 Applicant Details

Applicant:TECHNOFASHION INC.Address:127, Kingsland Ave, Clifton, NJ, USA, 07014Telephone:+1 (973) 866 7373Fax:--

1.3 Description of EUT

1	
Product:	Wireless Headphone
Manufacturer:	TECHNOFASHION INC.
Address:	127, Kingsland Ave, Clifton, NJ, USA, 07014
Trademark:	N/A
Model Number:	UCCHP03-01
Additional Model Name	UCCHP03-02, UCCHP03-X02, UCCHP03-03, UCCHP03-06, UCCHP03-19
Rating:	Input: DC5V, 1A
Battery:	DC3.7V, 200mAh Li-ion battery
Serial No.:	UCCHP01202403
Hardware Version:	V1.0
Software Version:	V1.0
Operation Frequency:	2402-2480MHz
Modulation Type:	GFSK, <i>川</i> /4DQPSK
Number of Channels:	79
Channel Separation:	1MHz
Antenna Designation	PCB antenna with gain -0.58dBi maximum (Get from the antenna specification)

1.4 Submitted Sample: 2 Samples

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- 1.5 Test Duration 2024-05-08 to 2024-05-16
- 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: Andy Xing

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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	2023-07-14	2024-07-13
LISN	R&S	EZH3-Z5	100294	2023-07-14	2024-07-13
LISN	R&S	EZH3-Z5	100253	2023-07-14	2024-07-13
Impuls-Begrenzer	R&S	ESH3-Z2	100281	2023-07-14	2024-07-13
Loop Antenna	EMCO	6507	00078608	2022-07-18	2025-07-17
Spectrum	R&S	FSIQ26	100292	2023-07-14	2024-07-13
Horn Antenna	A-INFO	LB-180400-KF	J211060660	2022-07-18	2025-07-17
Horn Antenna	R&S	BBHA 9120D	9120D-631	2022-07-18	2024-07-17
Power meter	Anritsu	ML2487A	6K00003613	2023-07-14	2024-07-13
Power sensor	Anritsu	MA2491A	32263	2023-07-14	2024-07-13
Bilog Antenna	Schwarebeck	VULB9163	9163/340	2022-07-18	2025-07-17
9*6*6 Anechoic			N/A	2022-07-26	2025-07-25
EMI Test Receiver	RS	ESVB	826156/011	2023-07-14	2024-07-13
EMI Test Receiver	RS	ESCS 30	834115/006	2023-07-14	2024-07-13
Spectrum	HP/Agilent	E4407B	MY50441392	2023-07-14	2024-07-13
Spectrum	RS	FSP	1164.4391.38	2023-07-14	2024-07-13
RF Cable	Zhengdi	ZT26-NJ-NJ-8M/FA		2023-07-14	2024-07-13
RF Cable	Zhengdi	7m		2023-07-14	2024-07-13
Pre-Amplifier	Schwarebeck	BBV9743	#218	2023-07-14	2024-07-13
Pre-Amplifier	HP/Agilent	8449B	3008A00160	2023-07-14	2024-07-13
LISN	SCHAFFNER	NNB42	00012	2023-07-14	2024-07-13
ESPI Test Receiver	R&S	ESPI 3	100379	2023-07-14	2024-07-13
LISN	R&S	EZH3-Z5	100294	2023-07-14	2024-07-13

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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adopt any other remedies which may be appropriate.



The EUT has been tested according to the following specifications:

3.0 Technical Details

3.1 Summary of test results

The EOT has been rested 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	
FCC Part 15.215(c)	20dB bandwidth	Pass	Complies	

3.2 Test Standards

FCC Part 15 Subpart C, Paragraph 15.249, ANSI C63.4 :2014 and ANSI C63.10 :2013

4.0 EUT Modification

No modification by SHENZHEN TIMEWAY TESTING LABORATORIES

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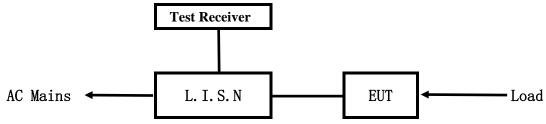
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5.0 Power Line Conducted Emission Test

5.1 Schematics of the test

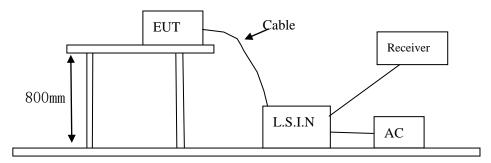


EUT: Equipment Under Test

5.2 Test Method and test Procedure

The EUT was tested according to ANSI C63.10-2013. The Frequency spectrum from 0.15MHz to 30MHz was investigated. The LISN used was 50ohm/50uH as specified by section 5.1 of ANSI C63.10–2013. Test Voltage: 120V~, 60Hz

Block diagram of Test setup



5.3 Configuration of the EUT

The EUT was configured according to ANSI C63.10-2013. All interface ports were connected to the appropriate peripherals. All peripherals and cables are listed below. 79 channels are provided to the EUT

A.	EUT
	201

Device	Manufacturer	Model	FCC ID
		UCCHP03-01, UCCHP03-02,	
Wireless Headphone	TECHNOFASHION INC.	UCCHP03-X02, UCCHP03-03,	2AZBO-N00033
		UCCHP03-06, UCCHP03-19	

B. Internal Device

	Device	Manufacturer	Model	FCC ID/DOC]
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N/A		
1 1/ 1 1		

C. Peripherals

Device	Manufacturer	Model	Rating
Power Supply	KEYU	KA23-0502000DEU	Input: 100-240V~, 50/60Hz, 0.35A;
			Output: DC5V, 2A

5.4 EUT Operating Condition

Operating condition is according to ANSI C63.10-2013

- 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	Limits (dB µ V)				
(MHz)	Quasi-peak Level	Aver ge Level			
$0.15~\sim~0.50$	66.0~56.0*	56.0~46.0*			
$0.50~\sim~5.00$	56.0	46.0			
$5.00 \sim 30.00$	60.0	50.0			

Notes: 1. *Decreasing linearly with logarithm of frequency.

2. The tighter limit shall apply at the transition frequencies

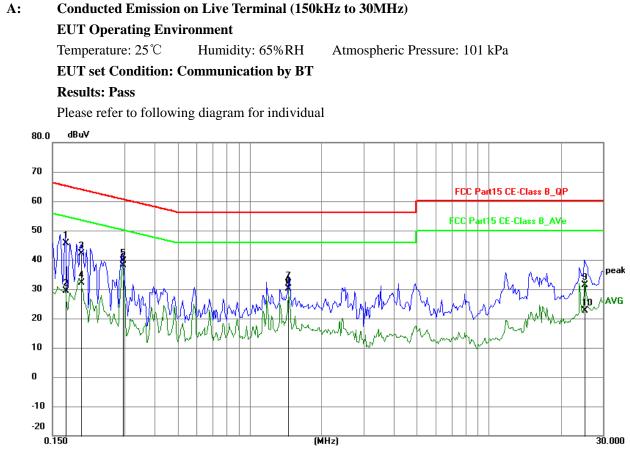
5.6 Test Results:

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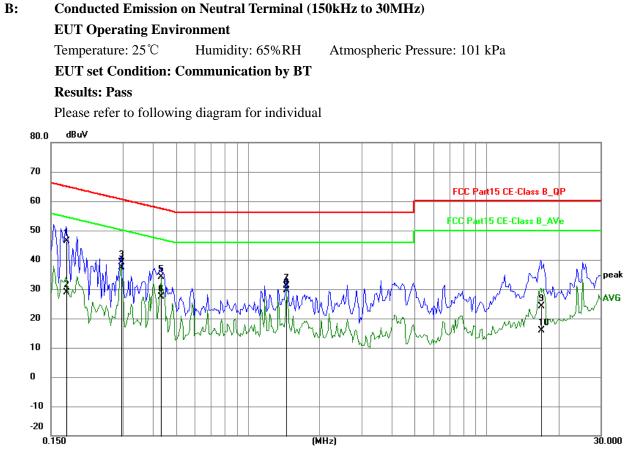


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1695	35.98	9.77	45.75	64.98	-19.23	QP	Р
2	0.1695	19.53	9.77	29.30	<mark>54.98</mark>	-25.68	AVG	Р
3	0.1968	32.40	9.75	42.15	63.74	-21.59	QP	Р
4	0.1968	22.44	9.75	32.19	53.74	-21.55	AVG	Р
5	0.2943	29.83	9.76	39.59	60.40	-20.81	QP	Р
6	0.2943	28.28	9.76	38.04	50.40	-12.36	AVG	Р
7	1.4487	22.00	9.79	31.79	56.00	-24.21	QP	Р
8	1.4487	20.28	9.79	30.07	46.00	-15.93	AVG	Р
9	25.1559	20.37	11.00	31.37	60.00	-28.63	QP	Р
10	25.1559	11.59	11.00	22.59	50.00	-27.41	AVG	Р

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No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1734	36.53	9.77	46.30	64.80	-18.50	QP	Ρ
2	0.1734	19.07	9.77	28.84	54.80	-25.96	AVG	Ρ
3	0.2943	29.46	9.76	39.22	60.40	-21.18	QP	Ρ
4	0.2943	27.60	9.76	37.36	50.40	-13.04	AVG	Ρ
5	0.4347	24.45	9.77	34.22	57.16	-22.94	QP	Ρ
6	0.4347	17.60	9.77	27.37	47.16	-19.79	AVG	Ρ
7	1.4487	21.29	9.79	31.08	56.00	-24.92	QP	Ρ
8	1.4487	19.96	9.79	29.75	46.00	-16.25	AVG	Ρ
9	16.9074	13.64	10.49	24.13	60.00	-35.87	QP	Р
10	16.9074	5.45	10.49	15.94	50.00	-34.06	AVG	Ρ

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6 Radiated Emission Test

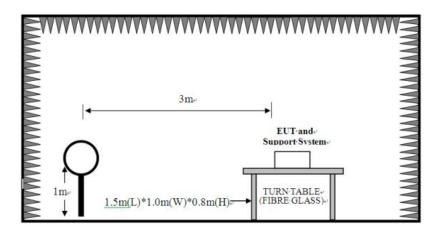
- 6.1 Test Method and test Procedure:
- The EUT was tested according to ANSI C63.10-2013. The radiated test was performed at Timeway EMC Laboratory. This site is on file with the FCC laboratory division, Registration No. 744189
- (2) The EUT, peripherals were put on the turntable which table size is 1m x 1.5 m, table high 0.8 m. All set up is according to ANSI C63.10-2013.
- (3) The frequency spectrum from 9kHz to 25 GHz was investigated. The frequency spectrum is set as follows:

Frequency	Detector	RBW	VBW	Value
9KHz-150KHz	Quasi-peak	200Hz	600Hz	Quasi-peak
150KHz-30MHz	Quasi-peak	9KHz	30KHz	Quasi-peak
30MHz-1GHz	Quasi-peak	120KHz	300KHz	Quasi-peak
Above 1GHz	Peak	1MHz	3MHz	Peak
Above IGHZ	Peak	1MHz	10Hz	Average

(Note: for Fundamental frequency radiated emission measurement, RBW=3MHz, VBW=10MHz). Measurements were made at 3 meters.

- (4) The antenna high 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

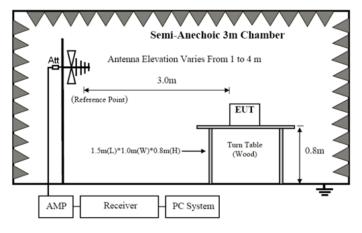


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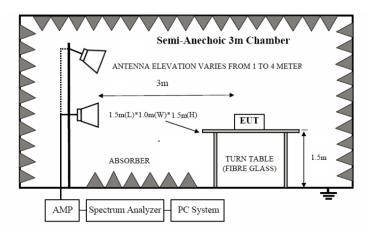
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For radiated emissions from 30MHz to1GHz



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.
- 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:

A FCC Part 15 Subp	art C Para	agraph 15.249(a) Limit		
Fundamental Frequency	Field Stre	ength of Fundamental (3m)	Field S	trength of Harmonics (3m)
(MHz)	mV/m	dBuV/m	uV/m	dBuV/m

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

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24	400-2483.5	50	94 (Average)	114 (Peak)	500	54 (Average)	74 (Peak)
Note:	1. RF Field Streng	gth (dBuV)	$= 20 \log \text{RF Volt}$	age (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.

1	1					
Frequency Range (MHz)	Distance (m)	Field strength (dB μ V/m)				
0.009-0.490	3	20log(2400/F(kHz)) +40log (300/3)				
0.490-1.705	3	20log(24000/F(kHz)) +40log (30/3)				
1.705-30	3	69.5				
30-80	3	40.0				
88-216	3	43.5				
216-960	3	46.0				
Above 960	3	54.0				

Note:

1. RF Voltage (dBuV) = $20 \log \text{RF}$ 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 and Pi/4D-QPSK were tested. And only the worst case was recorded in the test report. GFSK was the worst case.

6. This is a portable device. The radiated emissions should be tested under 3-axes position (Lying, Side, and Stand), After pre-test. It was found that the worse radiated emission was get at the lying position.

7. Battery fully charged was used during the test.

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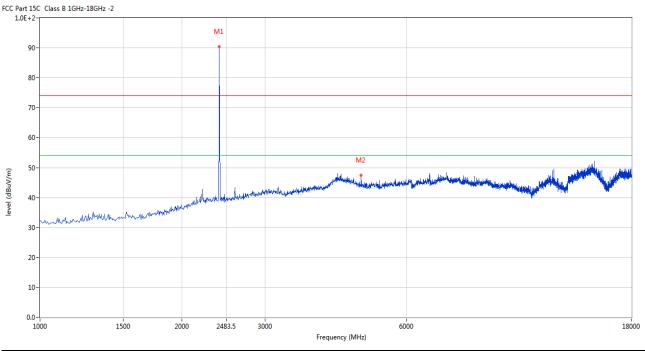


6.5 Test result

A Fundamental & Harmonics Radiated Emission Data

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

Horizontal



No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2402	90.43	-3.57	114.0	-23.57	Peak	260.00	100	Horizontal	Pass
2	4802.799	47.52	3.12	74.0	-26.48	Peak	343.00	100	Horizontal	Pass

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77.57

2402

1

-3.57

114.0

-36.43

177.00

100

Vertical

Pass

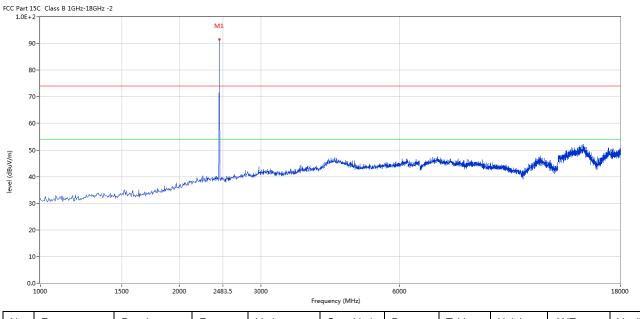
Peak

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

Horizontal

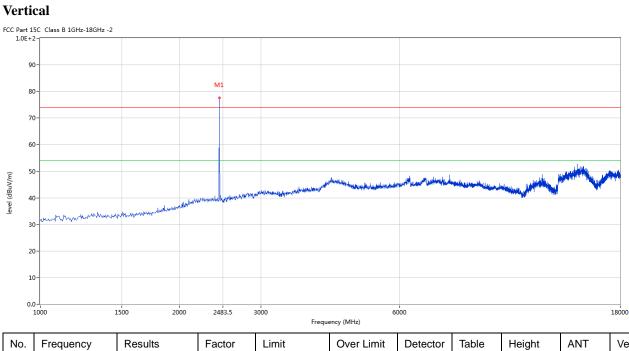


Ν	No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
		(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1		2441	91.52	-3.57	114.0	-22.48	Peak	260.00	100	Horizontal	Pass

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No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2441	77.57	-3.57	114.0	-36.43	Peak	96.00	100	Vertical	Pass

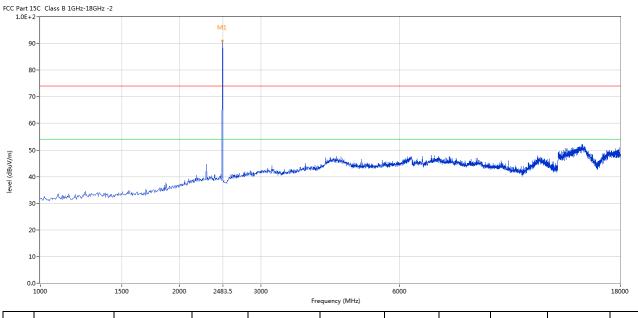
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Please refer to the following test plots for details: High Channel-2480MHz

Horizontal

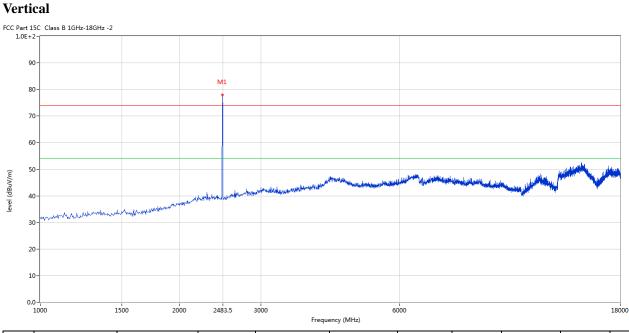


No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2480	90.94	-3.57	114.0	-23.06	Peak	258.00	100	Horizontal	Pass

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No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2480	77.90	-3.57	114.0	-36.10	Peak	98.00	100	Vertical	Pass

Note: (1) Emission Level = Reading Level + Antenna Factor + Cable Loss-Amplifier

(2) Margin=Emission-Limits

(3) According to section 15.35(b), the peak limit is 20dB higher than the average limit

(4) For test purpose, keep EUT continuous transmitting

(5) For emission above 18GHz and Below 30MHz, It is only the floor noise and less than the limit for more than 20dB. No necessary to take down.

(6) the measured PK value less than the AV limit.

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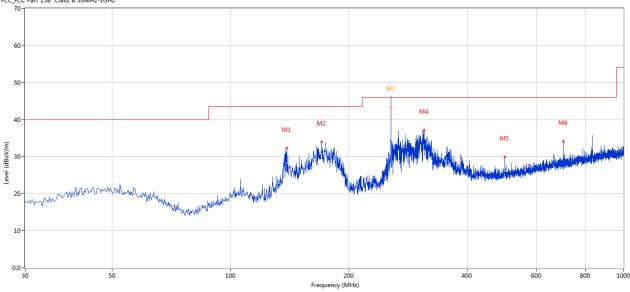
B. General Radiated Emission Data Radiated Emission In Horizontal (30MHz----1000MHz)

EUT set Condition: Keep Tx transmitting

Results: Pass

Please refer to following diagram for individual

FCC_FCC Part 15B Class B 30MHz-1GHz



No.	Frequency	Results	Factor	Limit	Margin	Detector	Table	Height	Antenna	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(Degree)	(cm)		
1	139.098	32.29	-17.21	43.5	11.21	Peak	220.00	100	Horizontal	Pass
2	170.615	33.98	-15.92	43.5	9.52	Peak	276.00	100	Horizontal	Pass
3*	256.002	43.40	-12.02	46.0	2.60	QP	91.00	107	Horizontal	Pass
4	311.230	37.12	-10.73	46.0	8.88	Peak	60.00	100	Horizontal	Pass
5	498.878	29.91	-7.04	46.0	16.09	Peak	270.00	100	Horizontal	Pass
6	703.982	34.17	-4.14	46.0	11.83	Peak	60.00	100	Horizontal	Pass

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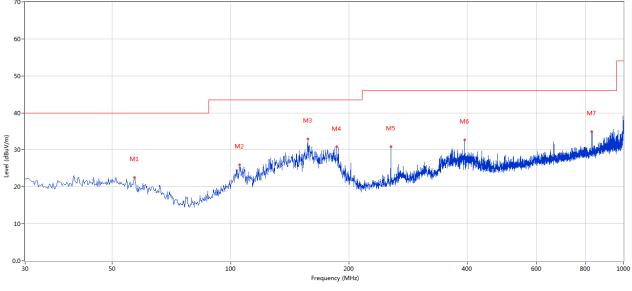
Radiated Emission In Vertical (30MHz----1000MHz)

EUT set Condition: Keep Tx transmitting

Results: Pass

Please refer to following diagram for individual

FCC_FCC Part 15B Class B 30MHz-1GHz



No.	Frequency	Results	Factor	Limit	Margin	Detector	Table	Height	Antenna	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(Degree)	(cm)		
1	56.911	22.56	-12.30	40.0	17.44	Peak	101.00	100	Vertical	Pass
2	105.399	25.97	-13.25	43.5	17.53	Peak	204.00	100	Vertical	Pass
3	157.523	32.91	-16.57	43.5	10.59	Peak	192.00	100	Vertical	Pass
4	186.373	30.79	-14.73	43.5	12.71	Peak	230.00	100	Vertical	Pass
5	255.954	30.86	-12.02	46.0	15.14	Peak	360.00	100	Vertical	Pass
6	394.386	32.64	-8.86	46.0	13.36	Peak	276.00	100	Vertical	Pass
7	829.808	34.92	-2.85	46.0	11.08	Peak	144.00	100	Vertical	Pass

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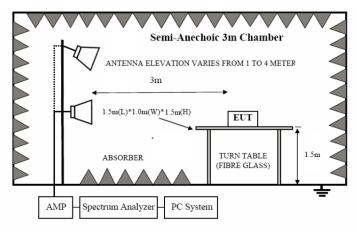


7. Band Edge

7.1 Test Method and test Procedure:

- The EUT was tested according to ANSI C63.10–2013. 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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7.6 Test Result

	Product:		Wireless Headphone			Polarity		Horizontal		
Mode		H	Keeping Transmitting			Test Voltage		DC3.7V		
Te	mperature		24 deg. C,			Humidity		56% RH		
Te	est Result:		Pa	SS						
	Part 15C Class B 1GHz-18 L.0E+2-r	3GHz -2								
	90 80 70 60							M2		
level (dBuV/m)	50- 40- 30- 20- 10-	n, king ing tright and a fair haden	ke danisa filoson ta kata in	ra sejil kaladini sepaktakatak	าะสุขีต้อังเสาะเห็นอาสารแล้ง _เ น่าๆจึง _เ น่าให		13 41-11-11-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	- Julianshin	<u></u>	
level (dBuV/m)	40 - <mark></mark>	าง สีเวลง (อยุ ลง)เมืองอยู่ (เมือง) 	ke utomotova filozofica kolo bio	na firstalar nyaktoria kita	Frequency (MHz)					2410
	40	Results	Factor	na filosofia no heren italiana				Height	ANT	
	40				Frequency (MHz)	Myrad Harris of Barderin, Marci	4. 54. 54. 55. 55. 55. 55. 55. 55. 55. 5		ANT	
٩٥.	40- 30- 20- 10- 2350 Frequency	Results	Factor	Limit	Frequency (MHz)	Myrad Harris of Barderin, Marci	Table	Height	ANT	
۰ ۱	40- 30- 20- 10- 2350 Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Frequency (MHz) Over Limit (dB)	Detector	Table (o)	Height (cm)		Verdi
level (dBuV/m)	40- 30- 20- 10- 2350 Frequency (MHz) 2401.977	Results (dBuV/m) 90.38	Factor (dB) -3.57	Limit (dBuV/m) 74.0	Frequency (MHz) Over Limit (dB) 16.38	Detector Peak	Table (0) 262.00	Height (cm) 100	Horizontal	Verdio N/A

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Product:		Wireless Headphone				Detector		Vertical		
	Mode]	Keeping Transmitting 24 deg. C, Pass			Test Voltage Humidity		DC3.7V 56% RH		
Τe	emperature									
	est Result:						-			
C Part 1.0E	15C Class B 1GHz-18GHz	2 -2								
1.02	+2-									
	90-									
	80-								M1	
	70-								\wedge	
	70-							1		
	60-							M2		
								کمر		
2	50-								1	
(m/vngr						м	3			
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ievei (abuv/m	40- 	Results	Factor	Limit				Height	ANT	
level (abuv/m	40				Frequency (MHz)	U no (1994) U no (1994) 		1	ANT	24
level (abuv/m	40- add, c, and y, and the circle 30- 20- 10- 2350 Frequency	Results	Factor	Limit	Frequency (MHz)	U no (1994) U no (1994) 	Table	Height	ANT	24
W/Angp) IBAAI	40- 10- 20- 20- 2350 Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Frequency (MHz) Over Limit (dB)	Detector	Table (o)	Height (cm)		24 Verdic

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	Product:	Wireless Headphone					Polarity Test Voltage		Horizont	
	Mode		Keeping Transmitting						DC3.7V	
Te	emperature		24 deg. C, Pass			Humidity	56% RH		[
Te	est Result:									
CC Part 1 1.0E+	15C Class B 1GHz-18GHz	-2								
			M	1						
y	90 -		1	1 mm						
8	80 -		ľ	W						
7	70-		N							
6	50 -		1	The second						
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(Angen ((מפח ((מפח ((מפח (((מפח (((מפח (((((((((((((((((((10	Results		2483. Limit	5 Frequency (MHz)		Table	Height		2500
4 2 1 0 No.	40	Results (dBuV/m)	(dB)	2483. Limit (dBuV/m)	5 Frequency (MHz) Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	2500 Verdic

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]	Product:			Detector Test Voltage			Vertical			
	Mode	K	Keeping Transmitting 24 deg. C,				Test Voltage Humidity		DC3.7V	
Te	emperature								56% RH	
Te	est Result:		Pass							
	rt 15C Class B 1GHz-18GH 90- 80- 70- 60-	4z -2	EM							
level (dBuV/m)	30-	مىمىرىكەتلەردىنىرىغىزىنىغار مەللەرلىرىلىغان سەرلىكە		M2	honan an		videliyakan anasaka jaq	ศรีเนาราชระสมเหลรายไม่เหล	ન્સ ફેરે કે છે કુ કો નામ અને કે બાજ કરવા છે. તે છે	
(m/Vub) level (dBuV/m) No.	40-	Results (dBuV/m)	Factor (dB)	-		Detector	Table (o)	Height (cm)	ANT	2500
	40- 40- 40- 40- 40- 40- 40- 40-	Results		2483.5 Limit	Frequency (MHz)		Table	Height		2500 Verdic

Note: 1. The PK emission level less than the AV limit. No necessary to record the AV emission level.

2. The two modulation modes of GFSK and Pi/4D-QPSK were tested. And only the worst case was recorded in the test report. GFSK was the worst case.

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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

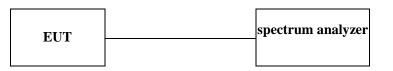
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9.0 20dB Bandwidth Measurement

Test Configuration



Test Procedure

The transmitter output was connected to the spectrum analyzer through an attenuator. The bandwidth of the fundamental frequency was measured by spectrum analyzer with 30kHz RBW and 100kHz VBW.

The 20dB bandwidth is defined as the total spectrum the power of which is higher than peak power minus 20dB.

Limit

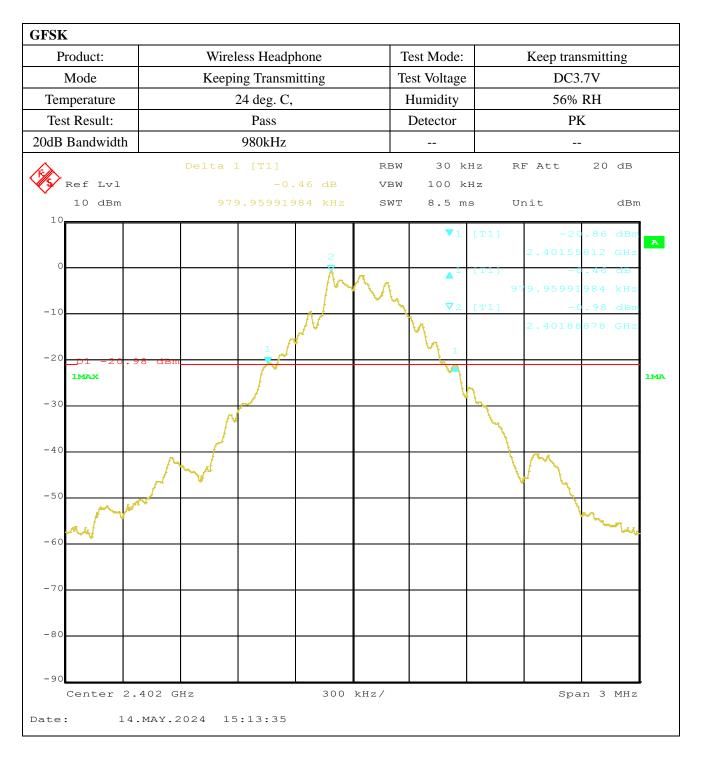
N/A

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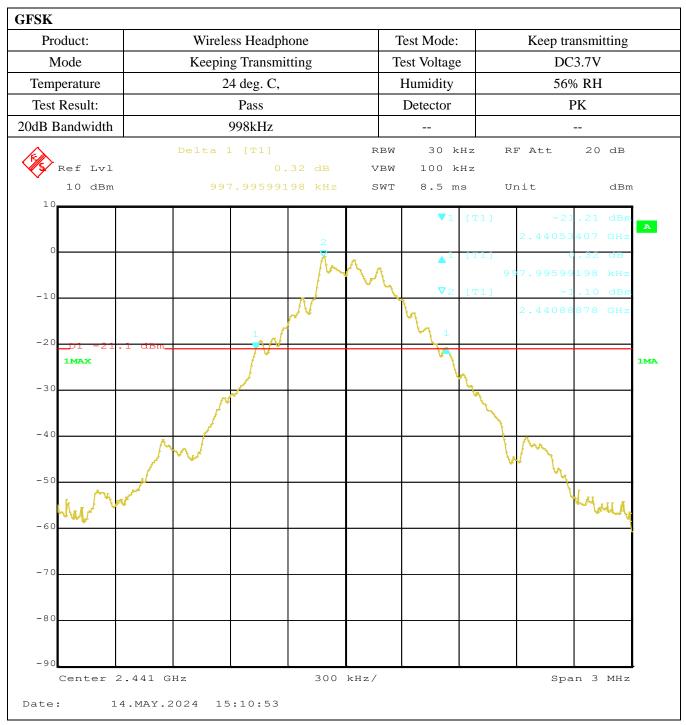
Test Result



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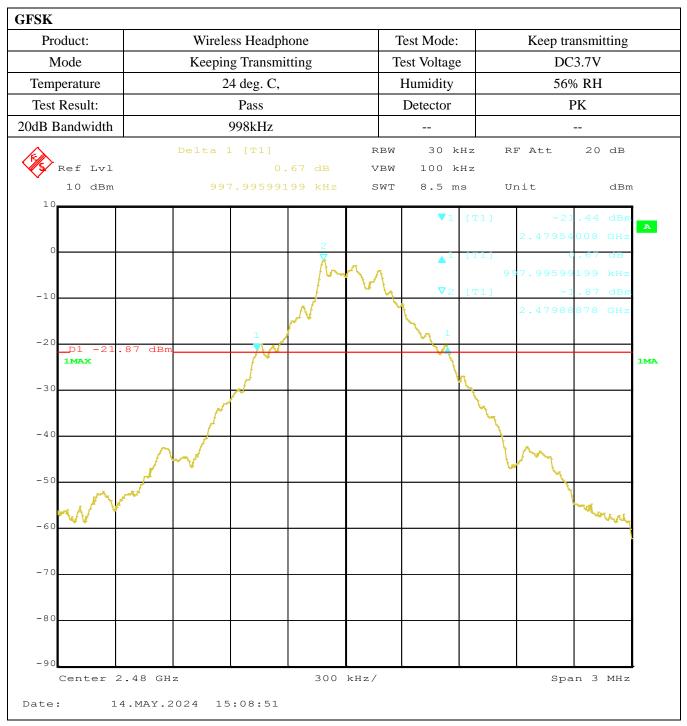




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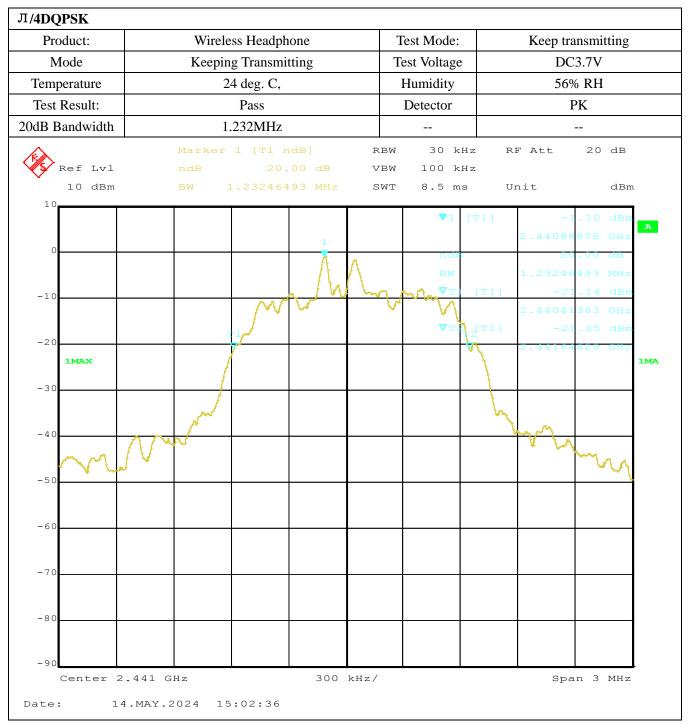


Л/4DQPSK	Product: Wireless Headpho			Koon tro	nemitting	
Mode			Test Mode:	56% RH		
	Keeping Transm		Test Voltage			
Temperature	24 deg. C,		Humidity			
Test Result:	Pass		Detector		РК	
20dB Bandwidth	1.238MHz					
	Marker 1 [T1 r		BW 30 kH		20 dB	
Ref Lvl 10 dBm			BW 100 kH WT 8.5 ms		dDm	
10 aBm	BW 1.238476	95 MHZ 5	WT 8.5 ms	S ONIC	dBm	
			▼1	[T1] -	0.96 dBm	
		1		2.4018		
0		Ā Ā	ndB	2	0.00 dB	
		$f \setminus f \setminus$	BW	1.2384	7695 MHz	
-10				[T1] -2 2.4014	0.98 dBm	
		_	VT2		1383 GHz 1.06 dBm	
-20	<u>7</u>			r2	5230 GHz	
1MAX					11	
-30	m			hy		
-40				M	Mar .	
-50						
- 60						
-70						
- 80						
-90						
Center 2.402	GHz	300 kHz/		Sp	an 3 MHz	

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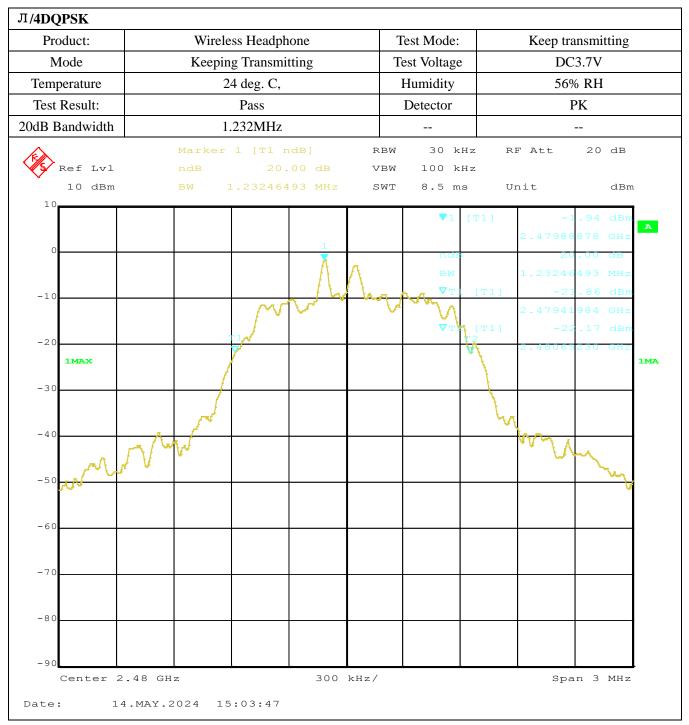




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10.0 FCC ID Label

FCC ID: 2AZBO-N00033

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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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



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Outside View



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Outside View

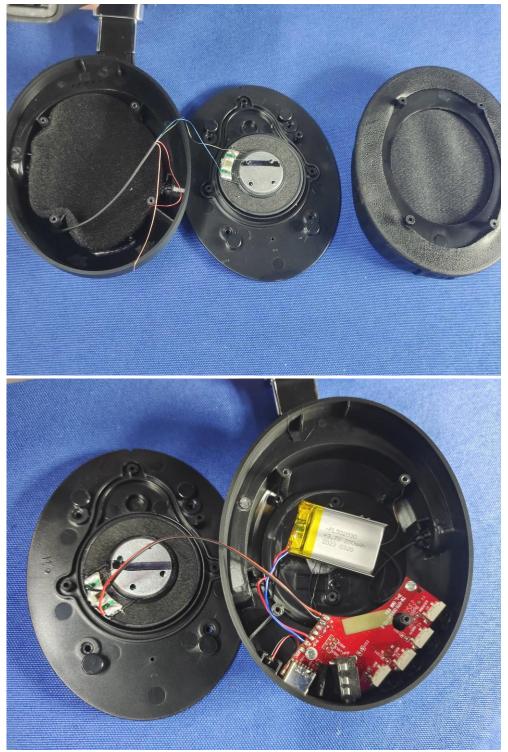


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Inside View

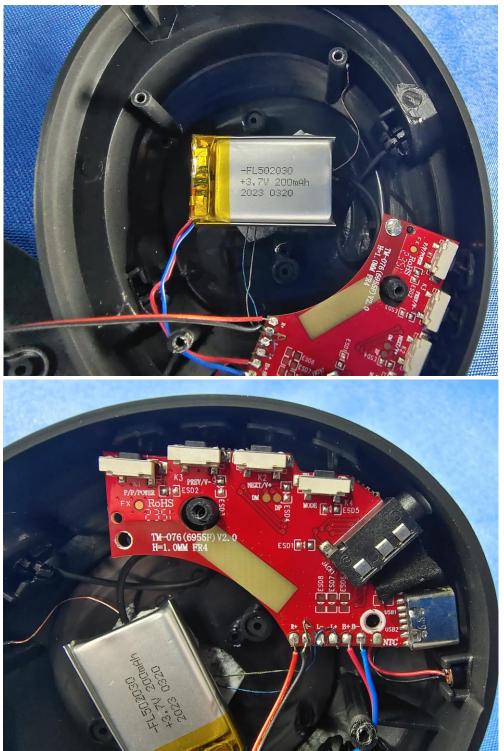


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Inside View

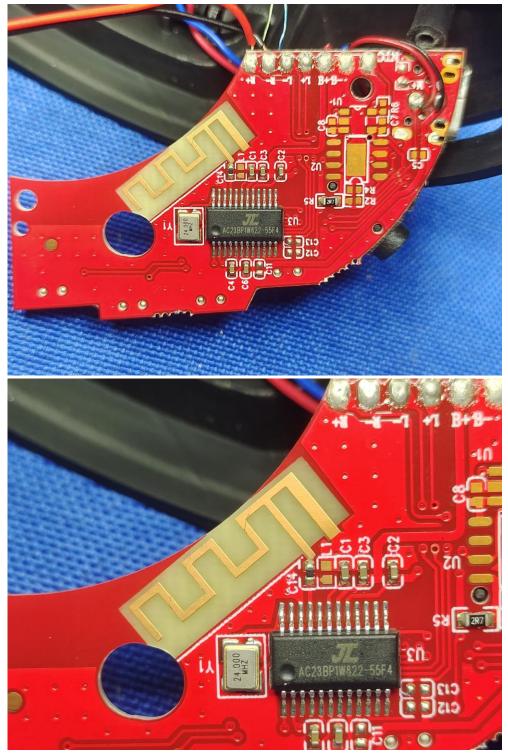


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Inside View



--End of the report--

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