

Report No.: TW2404081-01E

Applicant: Eastern Times Technology Co.,Ltd

Product: WIRED+2.4G+BT GAMING HEADSET

Model No.: H858, ET-9165

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

Manager

Dated: May 13, 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

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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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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 Sates

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: WIRED+2.4G+BT GAMING HEADSET

Manufacturer: Eastern Times Technology Co.,Ltd

Address: Building D, Nan An Industrial Area, Youganpu Village, Fenggang Town,

Dongguan City, Guangdong, China.

Trademark: REDRAGON

Model Number: H858 Additional Model Name ET-9165

Rating: DC5V, 350mA

Battery DC3.7V, 750mAh Li-ion battery

Modulation Type: GFSK

Operation Frequency: 2402-2480MHz

Channel List (Unit: MHz): 2MHz

Hardware Version: BBH-GP080-2.4G-Remote Ver1.5

Software Version: BBH-GP080-2.4G_AC7018M8_8M_HW0.00_SW0.0.0_

D431-E0102D97_20240316_Ver1.5

Serial No.: RDM7222022042500001

Antenna Designation PCB antenna with gain -0.58dBi Max (Get from the antenna specification)

1.4 Submitted Sample: 2 Samples

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1.5 Test Duration

2024-04-03 to 2024-05-13

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

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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3.0 Technical Details

3.1 Summary of test results

The EUT has	heen tested	according to	a the fallowi	ng 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, ANSI C63.4:2014 and ANSI C63.10:2013

4.0 EUT Modification

No modification by SHENZHEN TIMEWAY TESTING LABORATORIES

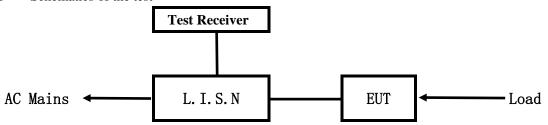
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5. Power Line Conducted Emission Test

5.1 Schematics of the test

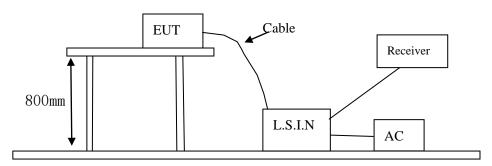


EUT: Equipment Under Test

5.2 Test Method and test Procedure

The EUT was tested according to ANSI C63.4-2014. The Frequency spectrum from 0.15MHz to 30MHz was investigated. The LISN used was 500hm/50uH as specified by section 5.1 of ANSI C63.4 -2014.

Test Voltage: 120V~, 60Hz Block diagram of Test setup



5.3 Configuration of the EUT

The EUT was configured according to ANSI C63.4-2014. All interface ports were connected to the appropriate peripherals. All peripherals and cables are listed below.

40 channels are provided to the EUT

A. EUT

Device Manufacturer		Model	FCC ID	
WIRED+2.4G+BT GAMING	Eastern Times Technology	11050 ET 0165	TUVET-9165A	
HEADSET	Co.,Ltd	H858, ET-9165	10 VE1-9103A	

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B. Internal Device

Device	Manufacturer	Model	FCC ID/DOC
N/A			

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 C63.4 -2014

- 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 (d	lB μV)			
(MHz)	Quasi-peak Level	Ave ag Level			
$0.15 \sim 0.5$	66.0~56.0*	56.0~46.0*			
$0.50 \sim 5.00$	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)

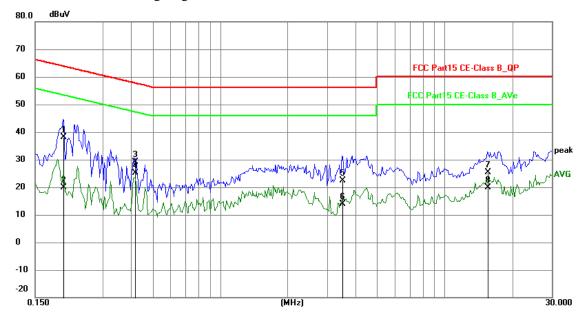
EUT Operating Environment

Temperature: 26°C Humidity: 65%RH Atmospheric Pressure: 101 kPa

EUT set Condition: Charging and Keep Transmitting

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	0.2007	28.40	9.75	38.15	63.58	-25.43	QP	Р
2	0.2007	10.19	9.75	19.94	53.58	-33.64	AVG	Р
3	0.4191	19.47	9.76	29.23	57.47	-28.24	QP	Р
4	0.4191	15.47	9.76	25.23	47.47	-22.24	AVG	Р
5	3.5070	12.61	9.87	22.48	56.00	-33.52	QP	Р
6	3.5070	4.08	9.87	13.95	46.00	-32.05	AVG	Р
7	15.5073	15.05	10.41	25.46	60.00	-34.54	QP	Р
8	15.5073	9.44	10.41	19.85	50.00	-30.15	AVG	Р

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

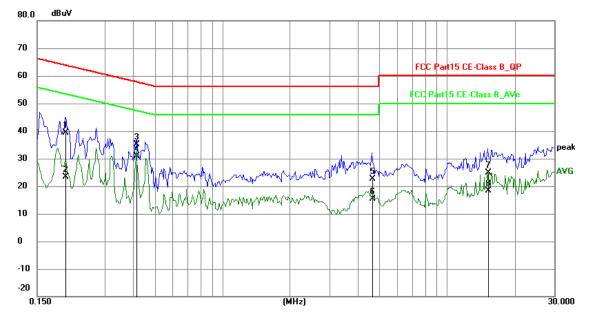
EUT Operating Environment

Temperature: 26°C Humidity: 65%RH Atmospheric Pressure: 101 kPa

EUT set Condition: Charging and Keep Transmitting

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	0.2007	29.75	9.75	39.50	63.58	-24.08	QP	Р
2	0.2007	13.75	9.75	23.50	53.58	-30.08	AVG	Р
3	0.4152	25.28	9.76	35.04	57.54	-22.50	QP	Р
4	0.4152	21.15	9.76	30.91	47.54	-16.63	AVG	Р
5	4.6263	12.84	9.91	22.75	56.00	-33.25	QP	Р
6	4.6263	5.54	9.91	15.45	46.00	-30.55	AVG	Р
7	15.2031	14.42	10.39	24.81	60.00	-35.19	QP	Р
8	15.2031	7.89	10.39	18.28	50.00	-31.72	AVG	Р

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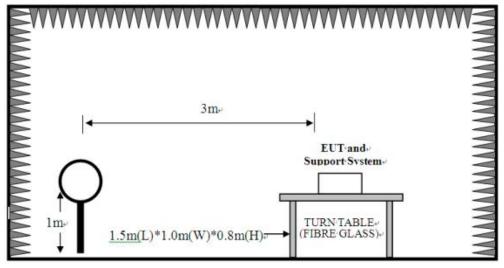


6 Radiated Emission Test

- 6.1 Test Method and test Procedure:
- (1) The EUT was tested according to ANSI C63.10-2013. 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 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 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

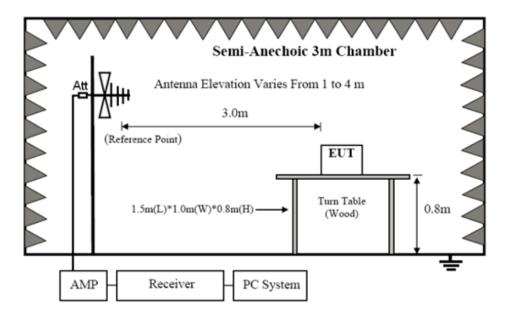


For radiated emissions from 30MHz to1GHz

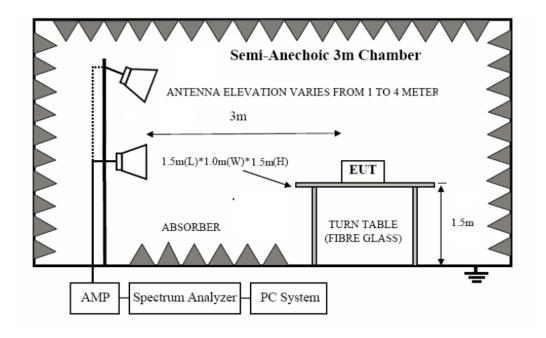
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For radiated emissions above 1GHz



- 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:

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

Fundamental Frequency	Field Stre	ength of Fundame	ntal (3m)	Field S	trength of Harmo	nics (3m)
(MHz)	mV/m	dBu	V/m	uV/m	dBu	V/m
2400-2483.5	50	94 (Average)	114 (Peak)	500	54 (Average)	74 (Peak)

Note:

- 1. RF Field Strength $(dBuV) = 20 \log RF \text{ Voltage } (uV)$
- 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 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 $(dBuV) = 20 \log RF \text{ Voltage } (uV)$
- 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. For radiated emissions from 9kHz to 30MHz, the emission level is much less than the limit for more than 20dB. No necessary to take down the record.
- 6. Battery full charged during tests.

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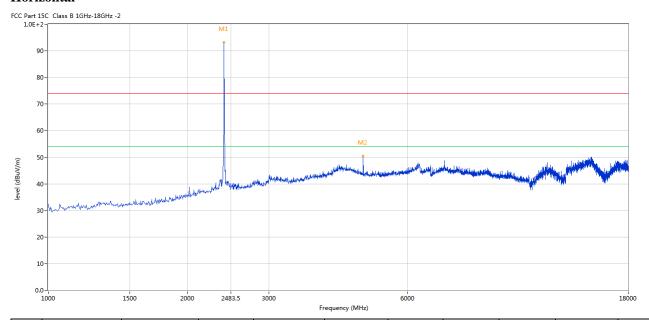


6.5 Test result

A Fundamental & Harmonics Radiated Emission Data

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

Horizontal



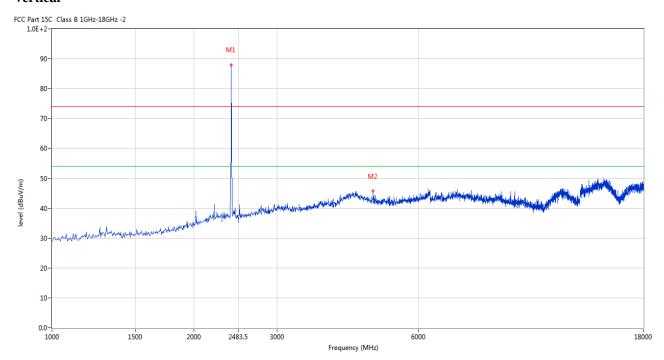
No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Ta2.4G	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2402	93.21	-3.57	114.0	-20.79	Peak	274.00	100	Horizontal	Pass
1**	2402	84.08	-3.57	94.0	-9.92	AV	274.00	100	Horizontal	Pass
2	4802.799	50.52	3.12	74.0	-23.48	Peak	274.00	100	Horizontal	Pass

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Vertical



No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Ta2.4G	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2402	87.96	-3.57	114.0	-26.04	Peak	360.00	100	Vertical	Pass
2	4802.799	45.68	3.12	74.0	-28.32	Peak	348.00	100	Vertical	Pass

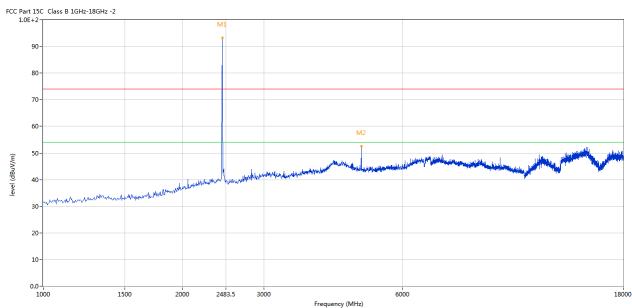
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Please refer to the following test plots for details: Middle Channel-2440MHz

Horizontal



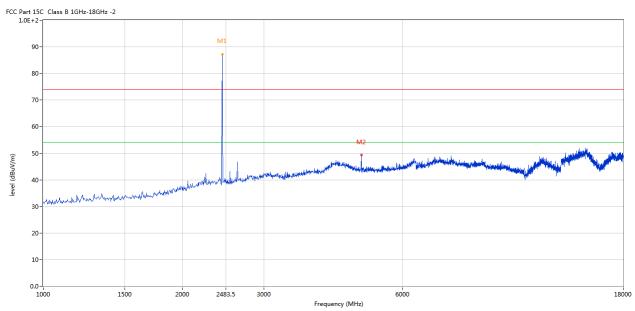
No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Ta2.4G	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2440	93.21	-3.57	114.0	-20.79	Peak	219.00	100	Horizontal	Pass
1**	2440	83.95	-3.57	94.0	-10.05	AV	219.00	100	Horizontal	Pass
2	4879.280	52.56	3.20	74.0	-21.44	Peak	224.00	100	Horizontal	Pass

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Vertical



No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Ta2.4G	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2440	87.20	-3.57	114.0	-26.80	Peak	128.00	100	Vertical	Pass
2	4879.280	49.29	3.20	74.0	-24.71	Peak	128.00	100	Vertical	Pass

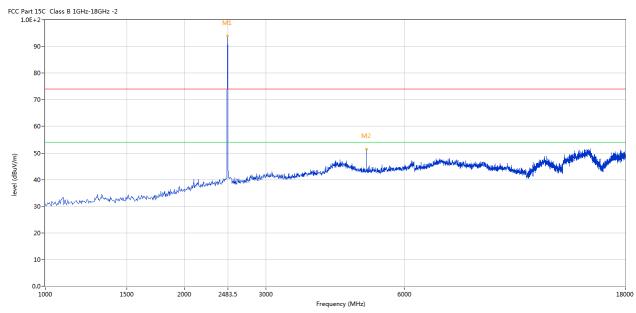
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Please refer to the following test plots for details: High Channel-2480MHz

Horizontal



No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Ta2.4G	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2480	93.88	-3.57	114.0	-20.12	Peak	263.00	100	Horizontal	Pass
1**	2480	84.15	-3.57	94.0	-9.85	AV	263.00	100	Horizontal	Pass
2	4960.010	51.48	3.36	74.0	-22.52	Peak	263.00	100	Horizontal	Pass

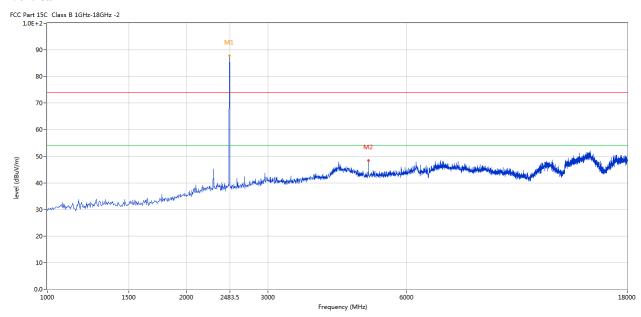
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Vertical



No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Ta2.4G	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2480	87.70	-3.57	114.0	-26.30	Peak	339.00	100	Vertical	Pass
2	4960.010	48.48	3.36	74.0	-25.52	Peak	344.00	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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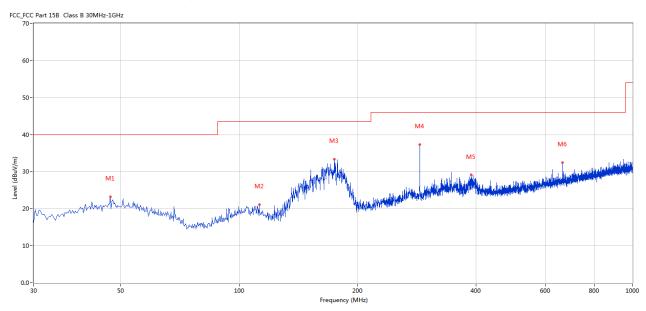


B. General Radiated Emission Data Radiated Emission In Horizontal (30MHz----1000MHz)

EUT set Condition: Keep Tx transmitting

Results: Pass

Please refer to following diagram for individual



No.	Frequency	Results	Factor	Limit	Margin	Detector	Table	Height	Antenna	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(Degree)	(cm)		
1	46.971	23.20	-11.45	40.0	16.80	Peak	139.00	100	Horizontal	Pass
2	112.429	21.08	-13.91	43.5	22.42	Peak	276.00	100	Horizontal	Pass
3	174.494	33.39	-15.77	43.5	10.11	Peak	246.00	100	Horizontal	Pass
4	287.956	37.32	-11.27	46.0	8.68	Peak	86.00	100	Horizontal	Pass
5	389.295	29.08	-8.90	46.0	16.92	Peak	352.00	100	Horizontal	Pass
6	663.494	32.41	-4.45	46.0	13.59	Peak	269.00	100	Horizontal	Pass

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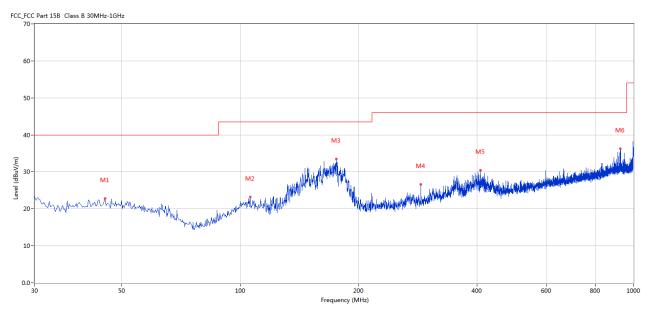


Radiated Emission In Vertical (30MHz----1000MHz)

EUT set Condition: Keep Tx transmitting

Results: Pass

Please refer to following diagram for individual



No.	Frequency	Results	Factor	Limit	Margin	Detector	Table	Height	Antenna	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(Degree)	(cm)		
1	45.274	22.82	-11.40	40.0	17.18	Peak	293.00	100	Vertical	Pass
2	105.884	23.24	-13.29	43.5	20.26	Peak	244.00	100	Vertical	Pass
3	175.221	33.51	-15.63	43.5	9.99	Peak	256.00	100	Vertical	Pass
4	287.956	26.59	-11.27	46.0	19.41	Peak	359.00	100	Vertical	Pass
5	407.721	30.42	-8.50	46.0	15.58	Peak	336.00	100	Vertical	Pass
6	926.056	36.32	-1.64	46.0	9.68	Peak	342.00	100	Vertical	Pass

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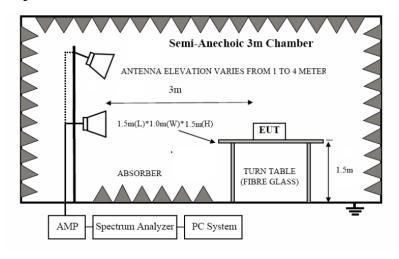


7. Band Edge

7.1 Test Method and test Procedure:

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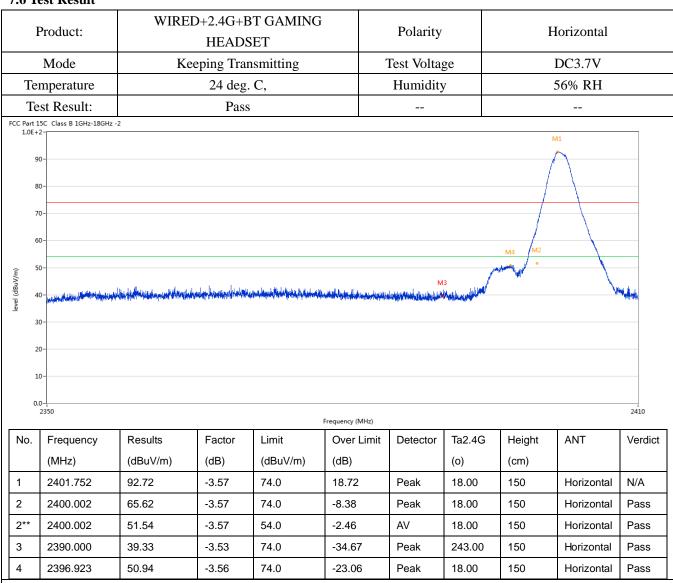
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7.6 Test Result



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]	Product:	WIREI	D+2.4G+B' HEADS	T GAMING ET		Detector		V	ertical	
	Mode	Ke	eping Tran	smitting	To	est Voltage	9	D	C3.7V	
Te	mperature		24 deg.	C,]	Humidity		56	5% RH	
Te	est Result:		Pass							
2 Part 1	15C Class B 1GHz-18GHz	-2								
									M1	
9	10-							,	\wedge	
8	80-									
7	70-									
6	60-									
								M4 /M2	$\overline{}$	
	i0-							IVI2	· · · · · · · · · · · · · · · · · · ·	
. 5							,	- V	\	1
. 5		وسعوا فالمهدون والمجاورة العالمة والمتعاددة	y de karingili a liguraturi anaga negali	ولمال فدروس والرواق والإنجاب الورودة الم	المراجعة والمتعدل المتعارف والمتعارف المتعارف ال		13	wind -		-
. 4		فيدمها والمروري وبطأ الإركياء المأطفونا للأو	g de Bitaling Haguland glovel, dinne de engeld	فالمناف والمراجعة والمتعاددة والم	and the state of t		13	•	\	- Andrews
3	O-	بالمتعوظة والمتعارض المتعارض ا	يهوي المعارضة الموازية والمعارضة المعارضة والمعارضة والمعارضة المعارضة المعارضة والمعارضة والمعارضة والمعارضة	فالمتعددة والمتعددة	gibi kilingdi kapanan jabi kilingdi.		A3	witness (M)	\	- Company of the Comp
3	10 - White the state of the sta	يطونه والمتعارض	profesional as a constitu	والمفارقة والمستوان	oph kinnersk _{en} ntervoorjan kantivas _e d		13	where we have a		A CONTRACTOR OF THE PARTY OF TH
3	O-	akterijske versjelske, it sambleske, a	pasesialle sempa in mesandi	والمنافقة المستوادة والمنافقة المستوادة والمستفقة	ophidestulla peter configuration est, d		13 Sun-Annullipse	-	\	- Advantage
. 4 3 2		akterephonical physics and the summer	yezh de la sangel de eusep de en eusep	والمناف المساومة والمناوة المنافية والمنافقة المنافقة الم	oph i britant hygiter verjett hatti veri, d		13 Store (III-store)	-		2
. 4 3 2	0-		posta inde sempo i incompi		Frequency (MHz)		time the specific part of	-		2
. 4 3 2	00- 00- 02350	Results	Factor	Limit	Frequency (MHz) Over Limit		Ta2.4G	Height	ANT	ı
4 3 2 1	0-				Frequency (MHz)	the later than the same of	time the specific part of	Height (cm)	ANT	Verdi
. 4 3 2 1	00- 00- 02350	Results	Factor	Limit	Frequency (MHz) Over Limit	the later than the same of	Ta2.4G	_	ANT	ı
3 3 2 2 1 0.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Frequency (MHz) Over Limit (dB)	Detector	Ta2.4G	(cm)		Verdi
3 3 2 1 0.	Frequency (MHz) 2401.737	Results (dBuV/m) 87.14	Factor (dB) -3.57	Limit (dBuV/m) 74.0	Frequency (MHz) Over Limit (dB) 13.14	Detector Peak	Ta2.4G (o) 127.00	(cm)	Vertical	Verdi N/A Pass Pass
3 2 1 0. No. 11 22	Frequency (MHz) 2401.737 2400.002	Results (dBuV/m) 87.14 59.75	Factor (dB) -3.57	Limit (dBuV/m) 74.0	Frequency (MHz) Over Limit (dB) 13.14 -14.25	Detector Peak Peak	Ta2.4G (o) 127.00 132.00	(cm) 150 150	Vertical Vertical	Verdi N/A Pass

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Product:		WIRED+2.	4G+BT G	SAMING HEA	ADSET	Pol		Horizontal			
Mode		K	eeping Tr	ansmitting		Test V	/oltage	DC3.7V			
Te	mperature		24 de	g. C,		Hun	nidity		56% RH 		
Te	est Result:		Pa	SS							
C Part 1 1.0E+	L5C Class B 1GHz-18GHz	z -2									
g	10-		M1								
	10-										
7	70-										
6	60-										
					N						
5	io-			M2							
5	io-	A STATE OF THE PARTY OF THE PAR		M2	The second second		Management of the last		h park and sink as designation	will produce the second	
4	10- Hilly Hall by Marine and Marine			M2	No. of the last of	and the second s	Margarines of the property of the second	d hay have being to with the	hand the state of	india papa pada apa	
3	10-may de la	Was a second and the		M2	And the second second	oder has been replaced	Maganipularia del Apresidado	ddag da gwyddiadd y ddag y ddag ddag ddag ddag ddag dd	li populari pri na den describer		
4	10- Hilly Hall by Marine and Marine			M2	The second second	aday day day bay and a salay	May and the second seco	d by Alexandrich	k jagapa padi siyaba qada ada ada asabasa siyaba		
3	10-may de la			M2	John Commence of the Commence	oletharist for gadan hi	ik _{gad} yajas digya lah	d bal Alizabaya (1944) ett	i jagan an ing kanangan kanan	the late of the same of the sa	
3	0-			•	The second secon	of the state of th	Minate Control of the	d of the stand with the	kipapin palainina, dan dan pina		
3	0-			M2	The second secon	oley have your park in the	A CONTRACTOR OF THE PARTY OF TH	d bal de la casa projecti	i je popile pod in popular plane	2	
1	0-	Results	Factor	•	.5	Detector	Ta2.4G	Height	ANT	ı	
3	0-2470	Results (dBuV/m)	Factor (dB)	2483.	.5 Frequency (MHz)	Detector	Ta2.4G (o)	Height (cm)	ANT	ı	
3 3 2 2 1 1 0 No.	00- 00- 00- 00- 00- 00- 00- 00- 00- 00-			Limit (dBuV/m)	.5 Frequency (MHz)	Detector		_	ANT Horizontal	ı	
4 3 2 1	Frequency (MHz)	(dBuV/m)	(dB)	2483. Limit (dBuV/m) 74.0	.5 Frequency (MHz) Over Limit (dB)		(o)	(cm)		2º Verdi N/A Pass	

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Product:		WIREI	D+2.4G+E HEADS	BT GAMING SET]	Detector		Vertical		
Mode		Ke	Te	Test Voltage			DC3.7V			
Te	emperature		I	Humidity		569	56% RH			
Те	est Result:		Pass	Pass						
CC Part 1	15C Class B 1GHz-18GHz -	2			•		•			
8	30-		M1							
level (dBuV/m)	50	Marine Ma	/	M2	According to the sheeten	Afficiant activity of Landscape from the	व्योत्स्थान्य कृष्टिक्ष्य कृष्टिक्ष्य स्थापित स्थापित स्थापित स्थापित स्थापित स्थापित स्थापित स्थापित स्थापित	स्थानका कुर कर हु राज्य के ता अपने स्थानका के ता के कि	ngh vision dan king dan kenang dalam	ri <mark>ng de</mark> laktiv
level (dBuV/m)	10	A CONTRACTOR OF THE PARTY OF TH			According to the sheeted	the and an interest for the analysis of	uhanjejus jelo e jelo uhyjlan	व्होंग्यन कहा कर है है बेल है के अपने के प्रश्न के के प्रश्न के कि कहा है के कि कहा है के कि कहा है की कि कहा	nghi ngundag kang dan kan mang digun	
level (dBuV/m)	10	The second secon		2483.5	requency (MHz)	Marie Ma	nd neighbour jeide de gladen	ngian nga pangaping di nagang	ydrosyndod isdd dydrol ywn ddion	2500
level (dBuV/m)	10	Results	Factor	2483.5		Detector	Ta2.4G	Height	ANT	
(m/\mu/\mu/\mu) 4 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	10	Results (dBuV/m)	Factor (dB)	2483.5 F	requency (MHz)					2500
(m//\ngp) 44	50			2483.5 F	requency (MHz) Over Limit		Ta2.4G	Height		2500

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

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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. The antenna gain is -0.58dBi Max. It fulfills the requirement of this section. Test Result: Pass

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9.0 20dB Bandwid	th Measurement					
Product:	WIRED+2.4G	+BT GAMING HEAI	OSET	Test Mode:	Kee	ep transmitting
Mode	Keep	oing Transmitting		Test Voltage		DC3.7V
Temperature		24 deg. C,		Humidity		56% RH
Test Result:		Pass		Detector		PK
20dB Bandwidth		1.226MHz				
F	Marker	1 [T1 ndB]	RI	3W 100 k	HZ RF A	tt 20 dB
Ref Lvl	ndB	20.00 dB			Hz	
10 dBm	BW	1.22645291 MHz	SI	WT 5 n	ns Unit	dBm
		1	\	▼ 1	[T1] 2.4	4.54 dBm A 10176253 GHz
0				ndl BW		20.00 dB 22645291 MHz
-10		1		V _T .	V	-15.60 dBm 10139579 GHz -14.75 dBm
-20		*			2.4	10262224 GHZ
-30						
-40						Mar
-50						
-60						
-70						
-80						
-90 Center 2.	402 GHz	300	kHz/	Į		Span 3 MHz
Date: 18	.APR.2024 1	8:29:52				

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Product:	WIRED+2.4G+BT GAMING 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	1.226MHz								
(E-)	Mark	er 1 [T1 r	ndB]	RBW	7 100 k	Hz R	F Att	20 dB	
Ref Lvl	ndB	20.	00 dB	VBW	7 300 k	Hz			
10 dBm	BW	1.226452	291 MHz	SWI	5 m	s U	nit	dBm	
10			_		▼ 1	[T1]	4	.81 dBm	
			$\sim \uparrow$	\/	$ \sqrt{}$		2.44001	503 GHz	A
0					ndi	5	20	.00 dB	
					BW		1.22645	291 MHz	
-10		T1			VT	[T1] [2	-15 2.43940	.11 dBm	
		¥			V T2	(T1)	-14	.85 dBm	
-20		/				-	2.44062	826 GHZ	
1MAX		/							1MA
-30	1					~			1
-40							1		
10								ACCUPANT TO SECOND	
-50								A Princip	
-30									
-60									•
-70									
-80									
-90 Center 2	44 6115		300 k	11.7	L		G	n 2 MII-	Į.
			300 K	.п.2./			spa	n 3 MHz	
Date: 18	3.APR.2024	18:27:01							

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Product:	WIRED+2.4G+BT GAMING HEADSET To					Test Mode:			Keep tra	nsmitting	
Mode	Keeping Transmitting				Test Voltage		;	DC3.7V			
Temperature	24 deg. C,				Humidity			56% RH			
Test Result:	Pass				Detector			PK			
20dB Bandwidth	1.226MHz										
(Fe)	Marker 1 [T1 ndB]			R	BW	100 k	Hz R	z RF Att 20 dB			
Ref Lvl		ndB		.00 dB	V	BW		Ηz			
10 dBm		BW 1	.226452	291 MHz	S	WT	5 m	s U	nit	dBm	
10					<u>L</u>		V 1	[T1]	4	.28 dBm	A
				~~	\	~	\		2.48001	503 GHz	
0			J.				ndh	5	20	.00 dB	
1.0							BW		1.22645 -15	291 MHz	
-10		Т	1				1	r2	2.47939	579 GHz	•
			g.				▽ ±2	[T1]	-15	.52 dBm	
-20									2.48062	224 GHz	1MA
		ا/ب						_~	~~		
-30								-			
-40										V	1
										W.	
-50											
-60											
-70											1
-80											
-90 Conton 3	10 011	_		300	1-11 /				G	2 MII-	
Center 2				300	kHz/				spa	n 3 MHz	
Date: 18	3.APR.2	024 18	:26:15								

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10.0 FCC ID Label

FCC ID: TUVET-9165A

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:



FCC Label Location

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11.0 Photo of testing

11.1 Conducted test View--



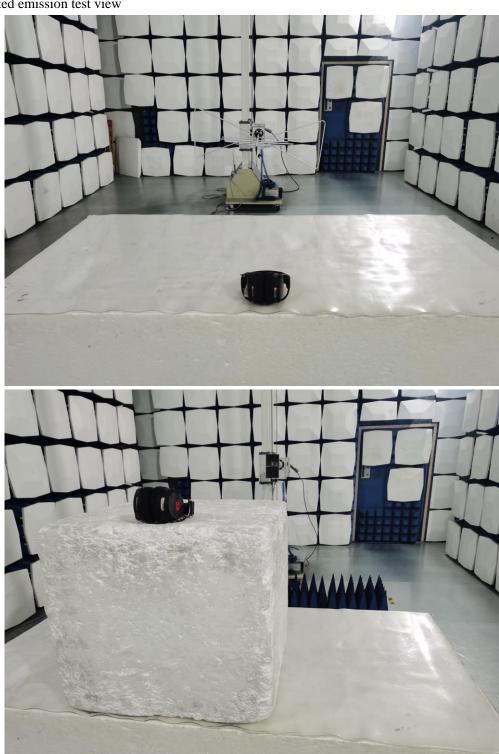
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Radiated emission test view



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11.2



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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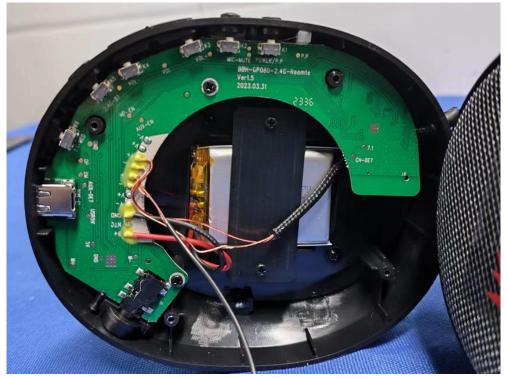
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Inside View-Headset





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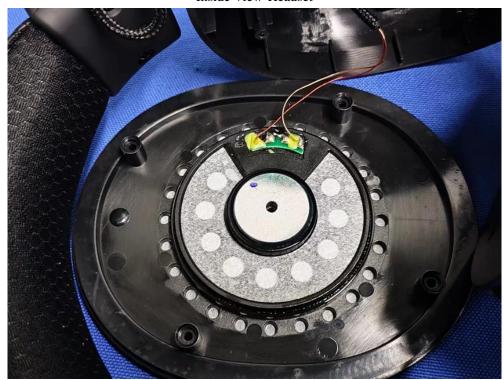
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Inside View-Headset





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

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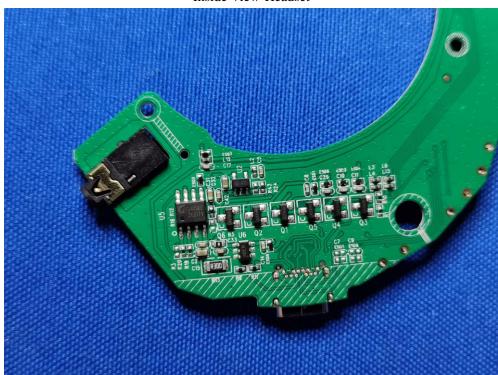
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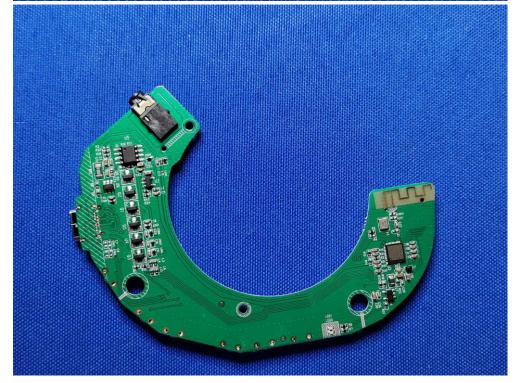
Report No.: TW2404081-01E

Date: 2024-05-13



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-- End of the Report--

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