

Applicant: Metadot Corporation

Product: Triple Mode Gaming Headset

Model No.: Holosonic T1w

Trademark: Daskeyboard

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: November 08, 2023

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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10.0

11.0

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FCC ID Label....

Photo of Test Setup and EUT View....

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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: Metadot Corporation

Address: 9600 Great Hills Trail Suite 150W Austin, TX 78759

Telephone: +1512 637 9983

Fax: --

1.3 Description of EUT

Product: Triple Mode Gaming Headset

Manufacturer: Metadot Corporation

Address: 9600 Great Hills Trail Suite 150W Austin, TX 78759

Trademark: Daskeyboard
Model Number: Holosonic T1w

Additional Model Name N/A

Rating: Input: DC5V, 400mA

Battery: DC3.7V, 800mAh Li-ion battery

Hardware Version: X6-2.4G V1.0

Software Version: CX6821-5ms-V21e1-X6-20230912 crc (C2EEDEBF)

Serial No.: DKHOLOT1W23110001

Operation Frequency: 2405-2479MHz

Channel Number: 16

Channel List (Unit: MHz): 2405, 2407, 2409, 2411, 2414, 2427, 2431, 2435, 2440, 2447, 2451, 2457,

2463, 2474, 2476, 2479

Antenna Designation PCB antenna with gain -0.68dB maximum (Get from the antenna

specification)

1.4 Submitted Sample: 2 Samples

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1.5 Test Duration

2023-09-27 to 2023-11-08

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 FIIT	has heen	tested ac	carding to	s the fol	llowing	specifications:
	Has Deeli	icsicu ac	corume a	, uic ivi	11(/ W 1112	succincations.

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

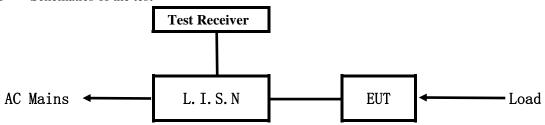
No modification by SHENZHEN TIMEWAY TESTING LABORATORIES

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5.0 Power Line Conducted Emission Test

5.1 Schematics of the test

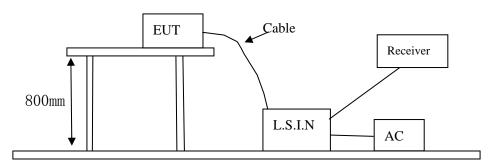


EUT: Equipment Under Test

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.

16 channels are provided to the EUT

A. EUT

Device	Manufacturer	Model	FCC ID	
Triple Mode Gaming	Metadot Corporation	Holosonic T1w	2A9SZHOLOSONIC	
Headset	Metadot Corporation	Holosoffic 11w	ZASSZHOLOSONIC	

B. Internal Device

Device	Manufacturer	Model	FCC ID/DOC
N/A			

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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	Average 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 ~ 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:

Date: 2023-11-08



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

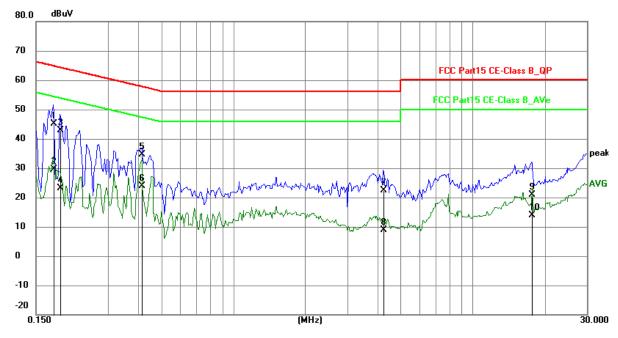
EUT Operating Environment

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

EUT set Condition: Charging and 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	0.1773	35.35	9.77	45.12	64.61	-19.49	QP	Р
2	0.1773	19.77	9.77	29.54	54.61	-25.07	AVG	Р
3	0.1890	33.24	9.76	43.00	64.08	-21.08	QP	Р
4	0.1890	13.32	9.76	23.08	54.08	-31.00	AVG	Р
5	0.4152	24.87	9.76	34.63	57.54	-22.91	QP	Р
6	0.4152	14.07	9.76	23.83	47.54	-23.71	AVG	Р
7	4.2363	12.58	9.90	22.48	56.00	-33.52	Q Q	Р
8	4.2363	-1.09	9.90	8.81	46.00	-37.19	AVG	Р
9	17.6405	10.29	10.54	20.83	60.00	-39.17	QP	Р
10	17.6405	3.24	10.54	13.78	50.00	-36.22	AVG	Р

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

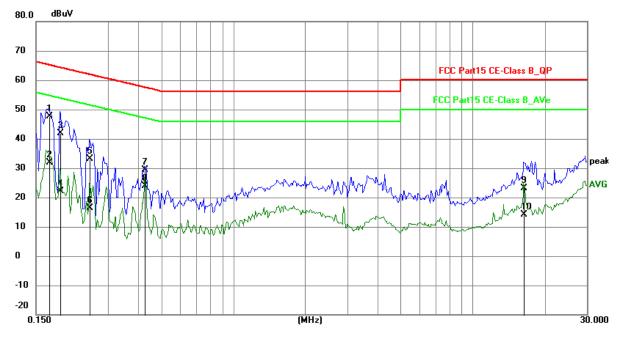
EUT Operating Environment

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

EUT set Condition: Charging and 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	0.1695	37.87	9.77	47.64	64.98	-17.34	QP	Р
2	0.1695	22.20	9.77	31.97	54.98	-23.01	AVG	Р
3	0.1890	32.19	9.76	41.95	64.08	-22.13	QP	Р
4	0.1890	12.38	9.76	22.14	54.08	-31.94	AVG	Р
5	0.2514	23.29	9.75	33.04	61.71	-28.67	QP	Р
6	0.2514	6.52	9.75	16.27	51.71	-35.44	AVG	Р
7	0.4269	19.56	9.77	29.33	57.31	-27.98	QP	Р
8	0.4269	14.19	9.77	23.96	47.31	-23.35	AVG	Р
9	16.3185	12.55	10.46	23.01	60.00	-36.99	QP	Р
10	16.3185	3.61	10.46	14.07	50.00	-35.93	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 9kHz to 25 GHz was investigated. The frequency spectrum is set as follows:

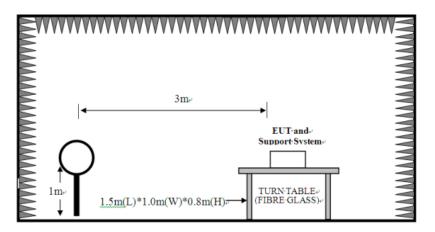
Frequency	Detector	RBW	VBW	Value
9KHz-150KHz	Quasi-peak	200Hz	600Hz	Quasi-peak
150KHz-30MHz	Quasi-peak	9KHz	30KHz	Quasi-peak
30MHz-1GHz	Quasi-peak	120KHz	300KHz	Quasi-peak
Above 1GHz	Peak	1MHz	3MHz	Peak
ADOVE IGHZ	Peak	1MHz	10Hz	Average

(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

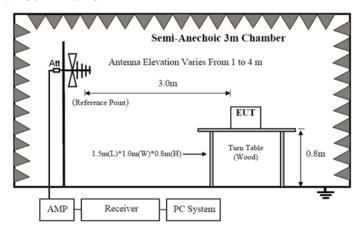
For radiated emissions from 9kHz to 30MHz



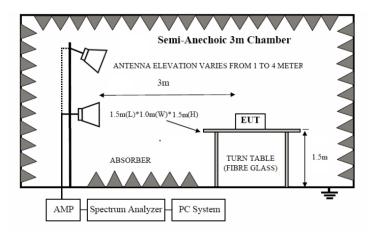
Date: 2023-11-08



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 Subpart C Paragraph 15.249(a) Limit

Fundamental Frequency	Field Stre	ength of Fundamental (3m)	Field Strength of Harmonics (3m)			
(MHz)	mV/m	dBuV/m	uV/m	dBuV/m		

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2400-2483.5 50	94 (Average)	114 (Peak)	500	54 (Average)	74 (Peak)
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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. This is a handhold 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.
- 6. Battery fully charged was used during the test.

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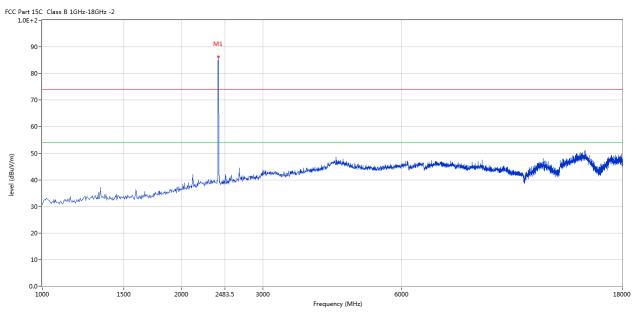


6.5 Test result

A Fundamental & Harmonics Radiated Emission Data

Please refer to the following test plots for details: Low Channel-2405MHz

Horizontal



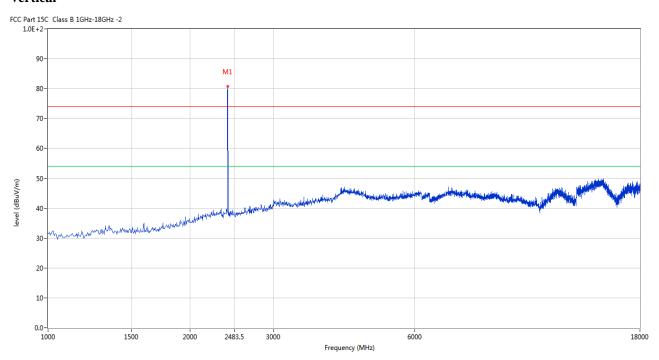
No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2405	86.63	-3.57	114.0	-27.37	Peak	349.00	100	Horizontal	Pass

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Vertical



No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2405	80.74	-3.57	114.0	-33.26	Peak	25.00	100	Vertical	Pass

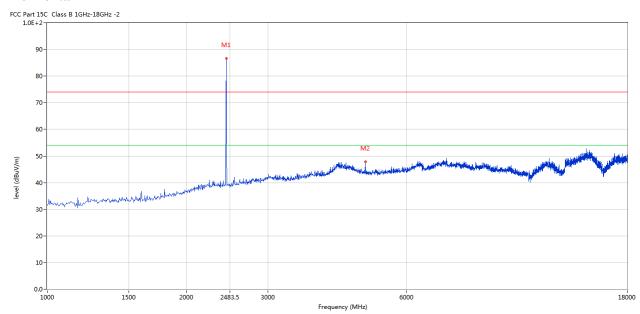
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Please refer to the following test plots for details: Middle Channel-2440MHz

Horizontal



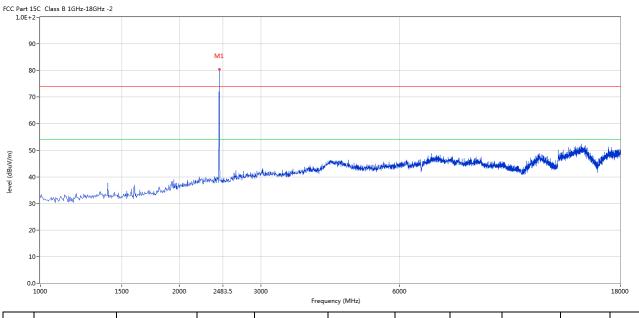
No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2440	86.54	-3.57	114.0	-27.46	Peak	136.00	100	Horizontal	Pass
2	4879.280	47.87	3.20	74.0	-26.13	Peak	360.00	100	Horizontal	Pass

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Vertical



No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2440	80.34	-3.57	114.0	-33.66	Peak	338.00	100	Vertical	Pass

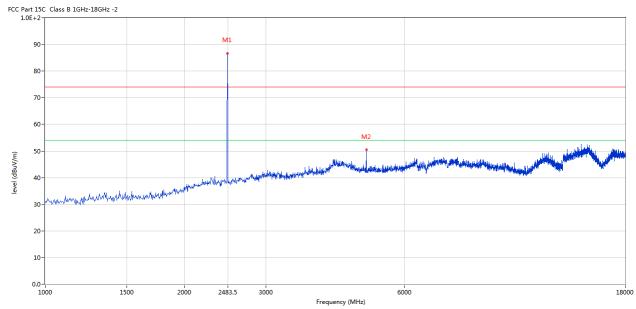
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Please refer to the following test plots for details: High Channel-2479MHz

Horizontal



No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2479	86.58	-3.57	114.0	-27.42	Peak	342.00	100	Horizontal	Pass
2	4958.761	50.40	3.35	74.0	-23.60	Peak	342.00	100	Horizontal	Pass

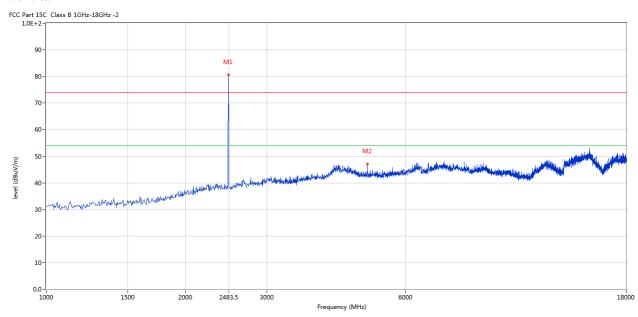
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Vertical



No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2479	80.63	-3.57	114.0	-33.37	Peak	348.00	100	Vertical	Pass
2	4958.761	47.09	3.35	74.0	-26.91	Peak	338.00	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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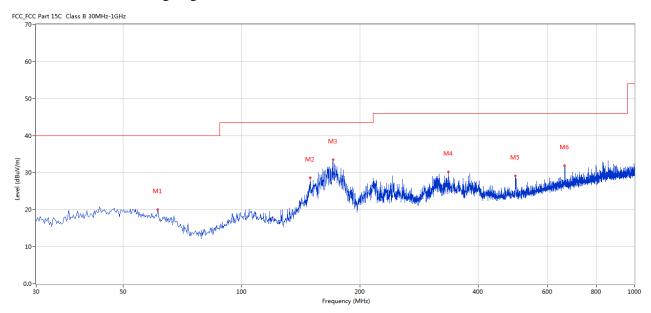


B. General Radiated Emission Data Radiated Emission In Horizontal (30MHz----1000MHz)

EUT set Condition: Keep Tx transmitting

Results: Pass

Please refer to following diagram for individual



No.	Frequency	Results	Factor	Limit	Margin	Detector	Table	Height	Antenna	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(Degree)	(cm)		
1	61.275	19.98	-13.14	40.0	20.02	Peak	89.00	100	Horizontal	Pass
2	149.280	28.65	-17.09	43.5	14.85	Peak	253.00	100	Horizontal	Pass
3	170.857	33.43	-15.88	43.5	10.07	Peak	259.00	100	Horizontal	Pass
4	335.959	30.13	-9.91	46.0	15.87	Peak	274.00	100	Horizontal	Pass
5	497.908	29.09	-7.12	46.0	16.91	Peak	67.00	100	Horizontal	Pass
6	664.221	31.92	-4.37	46.0	14.08	Peak	290.00	100	Horizontal	Pass

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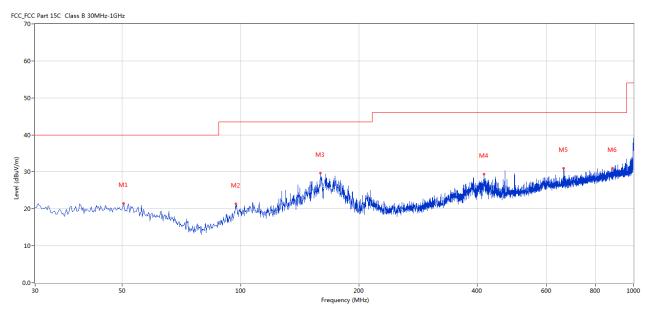


Radiated Emission In Vertical (30MHz----1000MHz)

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	50.365	21.48	-11.39	40.0	18.52	Peak	135.00	100	Vertical	Pass
2	97.156	21.32	-13.90	43.5	22.18	Peak	212.00	100	Vertical	Pass
3	159.705	29.69	-16.38	43.5	13.81	Peak	242.00	100	Vertical	Pass
4	416.448	29.44	-8.31	46.0	16.56	Peak	322.00	100	Vertical	Pass
5	663.737	31.00	-4.42	46.0	15.00	Peak	358.00	100	Vertical	Pass
6	883.629	30.98	-2.07	46.0	15.02	Peak	171.00	100	Vertical	Pass

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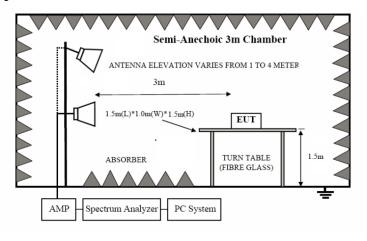


7. Band Edge

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.

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

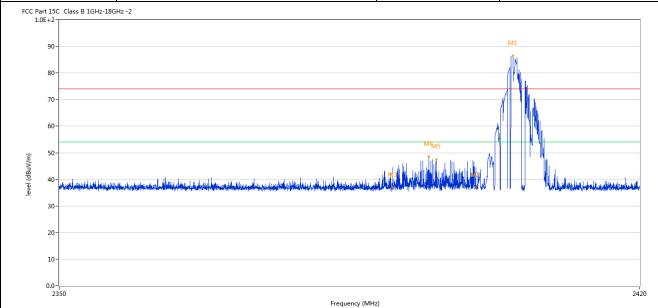
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7.6 Test Result

Product:	Triple Mode Gaming Headset	Polarity	Horizontal
Mode	Keeping Transmitting	Test Voltage	DC3.7V
Temperature	24 deg. C,	Humidity	56% RH
Test Result:	Pass		



No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2404.534	86.44	-3.57	74.0	12.44	Peak	20.00	100	Horizontal	N/A
2	2400.000	36.88	-3.57	74.0	-37.12	Peak	30.29	100	Horizontal	Pass
3	2390.000	36.88	-3.53	74.0	-37.12	Peak	130.41	100	Horizontal	Pass
4	2394.316	48.52	-3.55	74.0	-25.48	Peak	104.00	100	Horizontal	Pass
5	2395.261	47.46	-3.55	74.0	-26.54	Peak	104.00	100	Horizontal	Pass

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I	-		Mode Ga	ming Headse	et	Detect	or		Vertical	
	Mode K		Keeping Transmitting		Test Voltage		DC3.7V			
Te	mperature		24 deg	g. C,		Humid	midity 56% RH			
Te	est Result:		Pas	SS						
CC Part 1.0E	t 15C Class B 1GHz-18GHz E+2-	:-2								
	90 -							M1		
	70-									
	60-						,			
		D-						[[]		
(m/vmgb) isve	50- 40-	المراوي والمالية المراوية والمتعارضة المتراد	المدودة المستنبط المستدورة عارضا	Hadalah Militarahid		M4 M5	M2		المعالمة المالية	
level (dBuV/m)		الأجريب والمألفات الإيدان المتعارفة الزرأد	Nacciaes, applicatellist of the	hainh a bhhainn bh		MA MS	Market III	Thu.	LANGE MARKET STATE OF THE STATE	. Huild Hinds
level (dbuv/m)	30-	الديم وروا المنافرة والمنافرة والمنافرة والمنافرة والمنافرة والمنافرة والمنافرة والمنافرة والمنافرة والمنافرة	المياسنانية بالملينة الميالية	Haddah Malainin A		M4 M5	MALL I		i wanalani Haya	th/L./hwa
	30-20-	.h.jhinjarahlarahlarahlaran	hawaran dhaadahaadah			M4 M5	M2		i wanani Nin	242
	30 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -	Results	Factor		and the second	Detector	Table	Height	ANT	I
	30- 20- 10- 0.0- 2350				Frequency (MHz)		Table (o)	Height (cm)	ANT	I
	30- 20- 10- 2350	Results	Factor	Limit	Frequency (MHz) Over Limit			_	ANT Vertical	I
No.	30- 20- 10- 2350 Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Frequency (MHz) Over Limit (dB)	Detector	(o)	(cm)		Verdi
No.	30- 20- 10- 2350 Frequency (MHz) 2404.621	Results (dBuV/m) 79.50	Factor (dB) -3.57	Limit (dBuV/m) 74.0	Frequency (MHz) Over Limit (dB) 5.50	Detector	(o) 263.00	(cm)	Vertical	
No.	40- 30- 20- 10- 2350 Frequency (MHz) 2404.621 2400.000	Results (dBuV/m) 79.50 37.61	Factor (dB) -3.57	Limit (dBuV/m) 74.0	Frequency (MHz) Over Limit (dB) 5.50 -36.39	Detector Peak Peak	(o) 263.00 269.00	(cm) 100 100	Vertical Vertical	Verdi N/A Pass

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P	Product:	Triple Mode Gaming Headset Polarity			olarity		Horizontal				
	Mode		Keeping Transmitting			Test Voltage			DC3.7V		
Ter	mperature		24 d	leg. C,		Н	midity 56%		56% RH		
Tes	st Result:		P	Pass							
CC Part	: 15C Class B 1GHz-18G	Hz -2									
	90-		M1								
	50										
;	80-										
	70-										
	60-										
	60-	/									
		/									
	50-	سيدوم		M	Prim.						
		app distant had a second		M	Prim.	A CONTRACTOR OF THE PARTY OF TH	eridali eddilanija oddeni.	older sjil til egil sefenselvedette	polyanti di kurun sa	المراد المعادر عاملان	
level (dBuV/m)	50-	hope to the total the second		M	Prim.	and the same of th	uzdall eddel projet do ned	lde graderingen belled	adaga di ikkuriyi a qirdisid da salasik	Make the Make and the second	
level (dBuV/m)	40 -	Appelled to the second		M	Prim.	and the same state of the same state of	nije je je je jenije nije _{nije}	des _{de} seinder de la de	edystakinga a siadiskyra edvedt		
level (dBuV/m)	50 - 40 - 30 - 20 -	her to the state of the state o		M	Prim.	and dispring a single	middlerdd fangendord	iden. _A iraa _s ii ayeen,keeldaa	delyallahiriya assallah farashark	ila ista in director	
level (dBuV/m)	30 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -	Appelichtelijk historium		M	Prim.	and the same of th	nadaji erdet fangendend	der was de gegen de de de	dekselikiristan sirahik dan sebesti	ilaksilati, papu	
level (dBuV/m)	50 - 40 - 30 - 20 -	Appell the state of the state o		M M 248	with a second and a second as the second	and the second s	n je ki podstania nakonia	olen, jir kepilaje ja open je olen	ortende kirina en siedigt genes heelt	250	
level (dBuV/m)	30 - 20 - 0.	Results	Factor		3.5	Detector	Table	Height	ANT	ı	
level (dBuV/m)	50 - 40 - 30 - 20 - 10 - 0.0 - 2470		Factor (dB)	248	3.5 Frequency (MHz)					I	
level (dBuV/m)	50- 40- 30- 20- 10- 0.0- 2470	Results		248	3.5 Frequency (MHz)		Table	Height		2500 Verdie	

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	Product:	Tripl	riple Mode Gaming Headset			Detector		Vertical			
	Mode	I	Keeping Transmitting			Test Voltage		DC3.7V			
Te	emperature	perature 24 deg. C,			ure 24 deg. C, Humidity			56% RH			
Te	est Result:		Pa	ss							
	ort 15C Class B 1GHz-18G	Hz -2									
	90-		M1								
	80-										
	70-										
	60-										
			/	\							
			/								
uV/m)	50-		/								
evel (dBuV/m)	40-	and the state of t	/	M2		والمراجع المراجع المراجع المراجع المراجع والمراجع والمراع	To a like the same		hadan ayan da	alestin ist dipositivity	
level (dBuV/m)	40-	hard the bright burn	/	M2	more and place of the latest the	رونه والإنجام أو أو الإنجام الأو الإنجام والإنجام الإنجام الإنجام الإنجام الإنجام الإنجام الإنجام الإنجام الإن	alliphanikana	a de la constitución de la const			
level (dBuV/m)	40 -	the state of the s	/	M2	www.marthaplastylelight.ubs.com/arthaplastylelight	animagayahlakaris dankaris sira	talli hamadha asa	in de la constantina	n de de la companya d		
level (dBuV/m)	30- 20-	traje di sidio de distribuirano	/	M2		ومتداوع المراجع المراجع والمراجع والمرا	tidlight meither and	en de la companya de	والمفادرينية أخدالية بماساه		
level (dBuV/m)	30-	and the desired the second	/	M2		nagayidda ydd fada befiriae	talliphometherna		n de de la constitución de la cons		
level (dBuV/m)	30- 20-	Maria Maria Joseph Lanna		M2	5	oringerystlideysis/leak.eve/sister	tiklijk meikere a	and the second	de de la companya de		
	30- 20- 10- 2470	india i i i da a da a da a da a da a da			5 Frequency (MHz)					2500	
	30- 20- 10- 2470 Frequency	Results	Factor	Limit	5 Frequency (MHz)	Detector	Table	Height	ANT	2500	
No.	30- 20- 10- 2470 Frequency (MHz)	Results (dBuV/m)	(dB)	Limit (dBuV/m)	5 Frequency (MHz) Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	2500	
(m/\nngh) evel (dBn/\nngh)	30- 20- 10- 2470 Frequency	Results		Limit	5 Frequency (MHz)		Table	Height		verdid N/A Pass	

Note: 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 with gain -0.68dBi 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 100kHz RBW and 300kHz 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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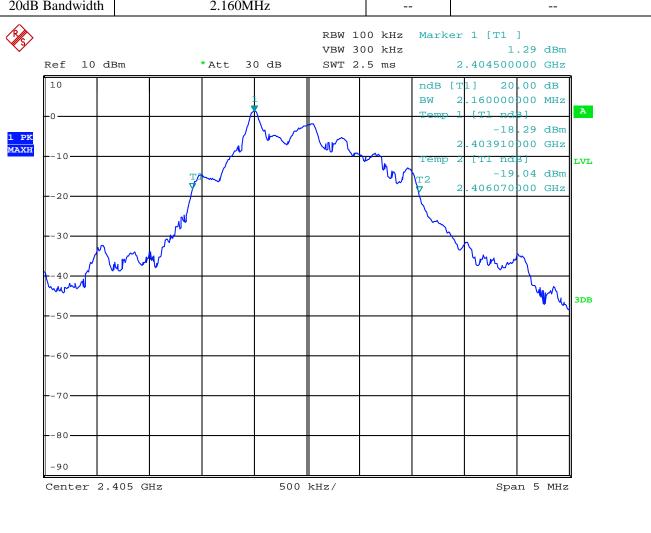
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Test Result

Product:	Triple Mode 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	2.160MHz		



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

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Product:	Triple Mode 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	2.180MHz		



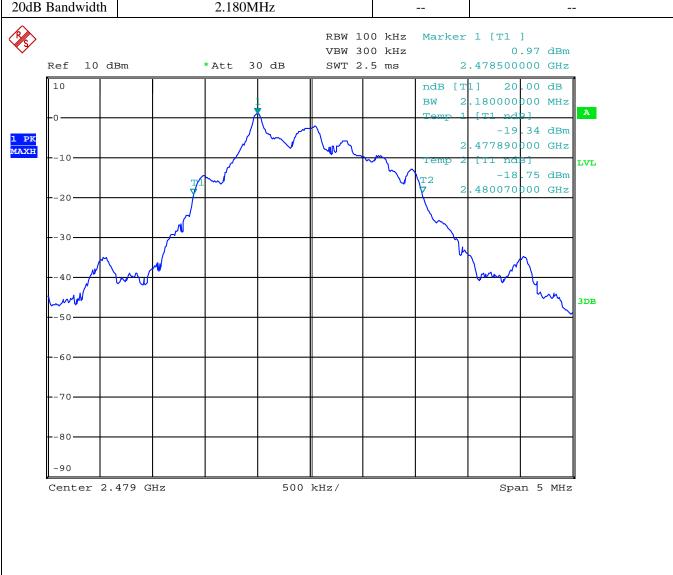
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Product:	Triple Mode Gaming Headset	Test Mode:	Keep transmitting
Mode	Keeping Transmitting	Test Voltage	DC3.7V
Temperature	24 deg. C,	Humidity	56% RH
Test Result:	Pass	Detector	PK
20dB Bandwidth	2.180MHz		



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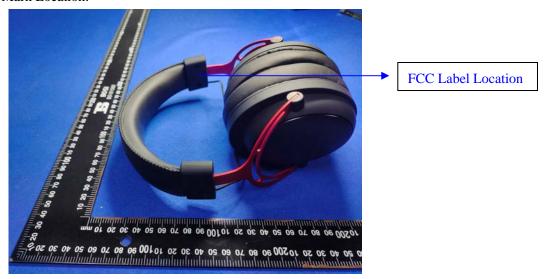


10.0 FCC ID Label

FCC ID: 2A9SZHOLOSONIC

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



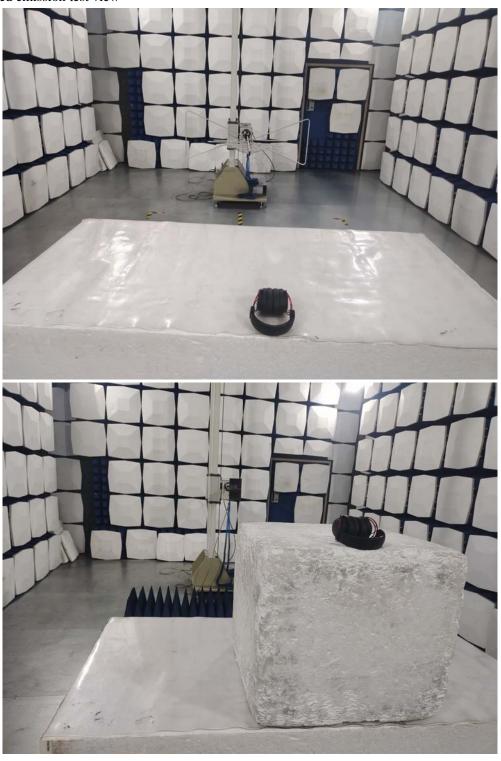
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Radiated emission test view



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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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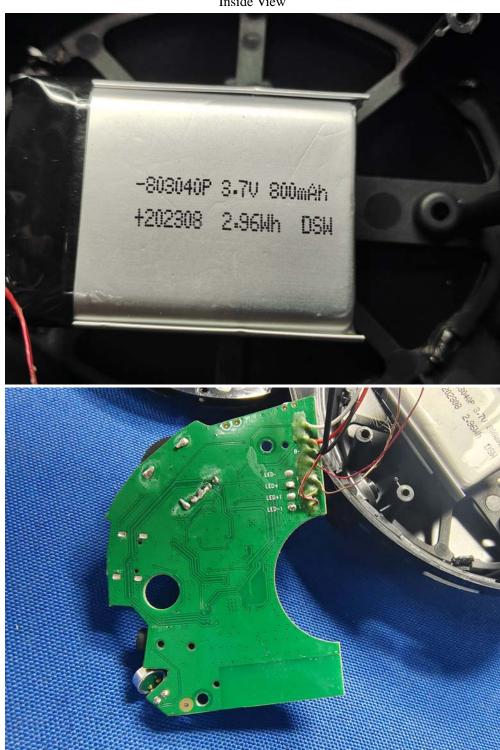
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Inside View



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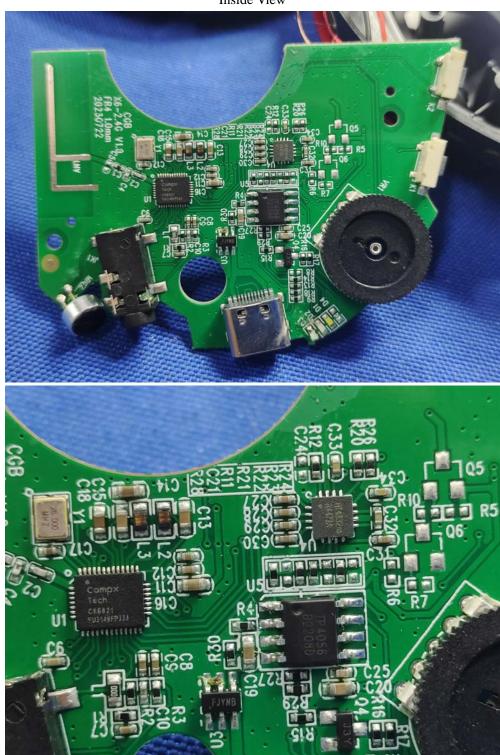
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Inside View



-- End of the report--

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