

File reference No.: 2022-05-25

Applicant: Dongguan City Shengqiang Electronics Co., Ltd

Product: Wireless Bluetooth Headphone

Model No.: ANC-007, ANC-001

Trademark:

用UOUA 奥路马 Life On Music

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 25, 2022

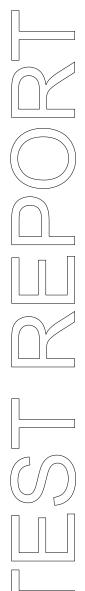
Results appearing herein relate only to the sample tested

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:

The testing quality ability of our laboratory meet with "Quality Law of People's Republic of China" Clause 19.

The testing quality system of our laboratory meet with ISO/IEC-17025 requirements, which is approved by CNAS. This approval result is accepted by MRA of APLAC.

Our test facility is recognized, certified, or accredited by the following organizations:

CNAS-LAB Code: L2292

The EMC Laboratory has been assessed and in compliance with CNAS-CL01 accreditation criteria for testing Laboratories (identical to ISO/IEC 17025:2017 General Requirements) for the Competence of testing Laboratories.

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

Date: 2022-05-25



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: Dongguan City Shengqiang Electronics Co., Ltd

Address: Shijiezhen sijiaxihegongyequ dongguanshi guangdongsheng 523290

Telephone: 0769-83529129 Fax: 0769-83237949

1.3 Description of EUT

Product: Wireless Bluetooth Headphone

Manufacturer: Dongguan City Shengqiang Electronics Co., Ltd

Address: Shijiezhen sijiaxihegongyequ dongguanshi guangdongsheng 523290

Trademark:

用UOUA 奥路马 Life On Music

Model Number: ANC-007 Additional Model Name ANC-001 Rating: DC5V, 0.5A

Battery: DC3.7V, 400mAh Li-ion battery Modulation Type: GFSK, π /4DQPSK, 8DPSK

Operation Frequency: 2402-2480MHz

Channel Number: 79
Channel Separation: 1MHz
Hardware Version: V1.1
Software Version: V1.1

Serial No.: 80020201228007

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

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1.4 Submitted Sample: 2 Sample

1.5 Test Duration

2022-05-18 to 2022-05-25

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	2021-06-18	2022-06-17
LISN	R&S	EZH3-Z5	100294	2021-06-18	2022-06-17
LISN	R&S	EZH3-Z5	100253	2021-06-18	2022-06-17
Impuls-Begrenzer	R&S	ESH3-Z2	100281	2021-06-18	2022-06-17
Loop Antenna	EMCO	6507	00078608	2021-06-18	2024-06-17
Spectrum	R&S	FSIQ26	100292	2021-06-18	2022-06-17
Horn Antenna	A-INFO	LB-180400-KF	J211060660	2021-07-02	2024-07-01
Horn Antenna	R&S	BBHA 9120D	9120D-631	2021-07-02	2024-07-01
Power meter	Anritsu	ML2487A	6K00003613	2021-06-18	2022-06-17
Power sensor	Anritsu	MA2491A	32263	2021-06-18	2022-06-17
Bilog Antenna	Schwarebeck	VULB9163	9163/340	2021-07-02	2024-07-01
9*6*6 Anechoic			N/A	2021-07-02	2022-07-01
EMI Test Receiver	RS	ESVB	826156/011	2021-06-18	2022-06-17
EMI Test Receiver	RS	ESH3	860904/006	2021-06-18	2022-06-17
Spectrum	HP/Agilent	ESA-L1500A	US37451154	2021-06-18	2022-06-17
Spectrum	HP/Agilent	E4407B	MY50441392	2021-06-18	2022-06-17
Spectrum	RS	FSP	1164.4391.38	2022-01-15	2023-01-14
RF Cable	Zhengdi	ZT26-NJ-NJ-8M/FA		2021-06-18	2022-06-17
RF Cable	Zhengdi	7m		2021-06-18	2022-06-17
RF Switch	EM	EMSW18	060391	2021-06-18	2022-06-17
Pre-Amplifier	Schwarebeck	BBV9743	#218	2021-06-18	2022-06-17
Pre-Amplifier	HP/Agilent	8449B	3008A00160	2021-06-18	2022-06-17
LISN	SCHAFFNER	NNB42	00012	2022-01-05	2023-01-04

2.2 Automation Test Software

For Conducted Emission Test

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

For Radiated Emissions

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

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3.0 Technical Details

3.1 Summary of test results

The EUT has been tested according to the following specifications:

Standard	Test Type	Result	Notes
FCC Part 15, Paragraph 15.203	Antenna Requirement	Pass	Complies
FCC Part 15, Paragraph 15.207	Conducted Emission Test	Pass	Complies
FCC Part 15 Subpart C Paragraph 15.249(a) & 15.249(b) Limit	Field Strength of Fundamental	Pass	Complies
FCC Part 15, Paragraph 15.209	Radiated Emission Test	Pass	Complies
FCC Part 15 Subpart C Paragraph 15.249(d) Limit	Band Edge Test	Pass	Complies

3.2 Test Standards

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

4.0 EUT Modification

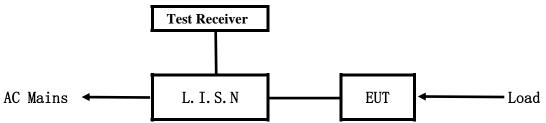
No modification by SHENZHEN TIMEWAY TESTING LABORATORIES

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5. Power Line Conducted Emission Test

5.1 Schematics of the test

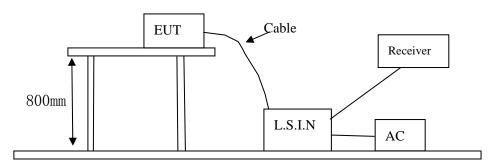


EUT: Equipment Under Test

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 50ohm/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.

79 channels are provided to the EUT

A. EUT

Device	Manufacturer	Model	FCC ID
Wireless Bluetooth	Dongguan City Shengqiang	ANC-007, ANC-001	2A6XTANC-007
Headphone	Electronics Co., Ltd	ANC-007, ANC-001	2A0ATANC-007

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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 (dB \(\mu \)			
(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:

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

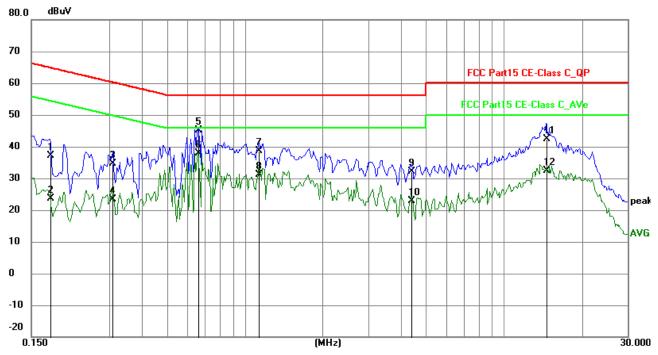
EUT Operating Environment

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

EUT set Condition: Communication by BT

Results: Pass

Please refer to following diagram for individual



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1773	27.31	9.77	37.08	64.61	-27.53	QP	Р
2	0.1773	13.92	9.77	23.69	54.61	-30.92	AVG	Р
3	0.3099	24.88	9.76	34.64	59.97	-25.33	QP	Р
4	0.3099	13.57	9.76	23.33	49.97	-26.64	AVG	Р
5	0.6609	35.33	9.78	45.11	56.00	-10.89	QP	Р
6	0.6609	28.06	9.78	37.84	46.00	-8.16	AVG	Р
7	1.1328	28.96	9.79	38.75	56.00	-17.25	QP	Р
8	1.1328	21.30	9.79	31.09	46.00	-14.91	AVG	Р
9	4.3962	22.20	9.90	32.10	56.00	-23.90	QP	Р
10	4.3962	12.89	9.90	22.79	46.00	-23.21	AVG	Р
11	14.5752	32.02	10.36	42.38	60.00	-17.62	QP	Р
12	14.5752	22.10	10.36	32.46	50.00	-17.54	AVG	Р

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

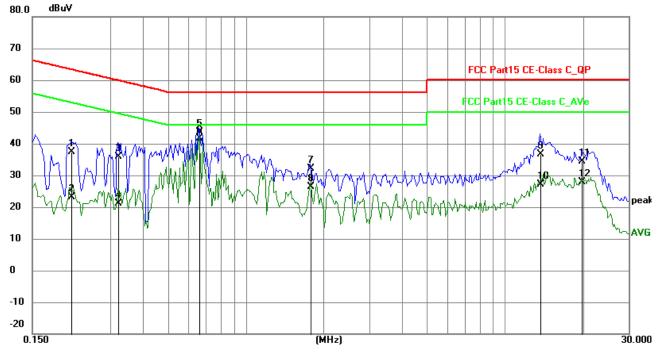
EUT Operating Environment

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

EUT set Condition: Communication by BT

Results: Pass

Please refer to following diagram for individual



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.2124	27.71	9.75	37.46	63.11	-25.65	QP	Р
2	0.2124	13.49	9.75	23.24	53.11	-29.87	AVG	Р
3	0.3215	26.23	9.76	35.99	59.67	-23.68	QP	Р
4	0.3215	11.38	9.76	21.14	49.67	-28.53	AVG	Р
5	0.6609	33.84	9.78	43.62	56.00	-12.38	QP	Р
6	0.6609	31.88	9.78	41.66	46.00	-4.34	AVG	Р
7	1.7724	22.34	9.80	32.14	56.00	-23.86	QP	Р
8	1.7724	16.60	9.80	26.40	46.00	-19.60	AVG	Р
9	13.6275	26.27	10.32	36.59	60.00	-23.41	QP	Р
10	13.6275	16.88	10.32	27.20	50.00	-22.80	AVG	Р
11	19.7895	23.78	10.67	34.45	60.00	-25.55	QP	Р
12	19.7895	17.13	10.67	27.80	50.00	-22.20	AVG	Р

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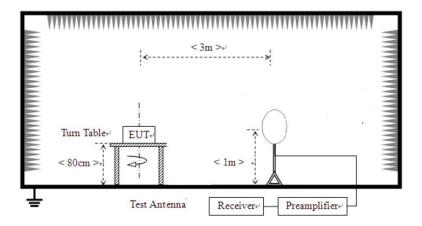


6 Radiated Emission Test

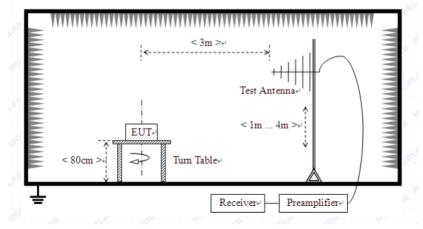
- 6.1 Test Method and test Procedure:
- (1) The EUT was tested according to ANSI C63.10-2013. The radiated test was performed at Timeway EMC Laboratory. This site is on file with the FCC laboratory division, Registration No. 744189
- (2) The EUT, peripherals were put on the turntable which table size 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



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

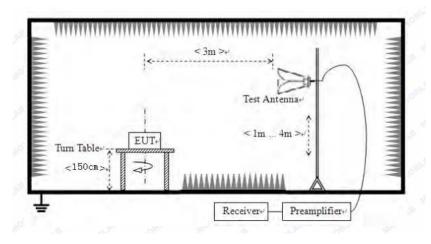
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For radiated emissions above 1GHz



- 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.
- 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	Strength of Fundamental (3m)			trength of Harmo	onics (3m)
(MHz)	mV/m	dBuV/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.

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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. 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.
- 5. 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.
- 6. 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.
- 7. Battery fully charged was used during tests.

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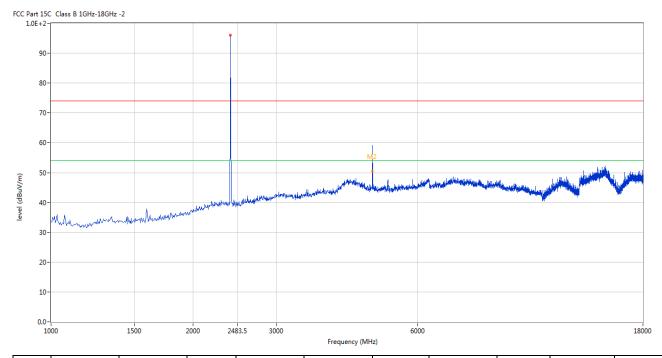


6.5 Test result

A Fundamental & Harmonics Radiated Emission Data

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

Horizontal



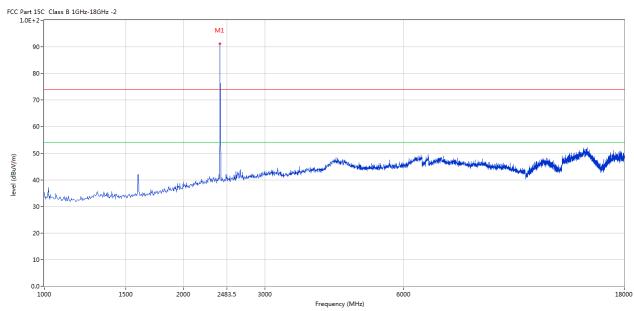
No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table (o)	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)			(cm)		
1	2402	96.89	-3.57	114.0	-17.11	Peak	229.00	100	Horizontal	Pass
1*	2402	87.21	-3.57	94.0	-6.79	AV	229.00	100	Horizontal	Pass
2	4802.799	59.12	3.12	74.0	-14.88	Peak	213.00	100	Horizontal	Pass
2**	4802.799	50.48	3.12	54.0	-3.52	AV	213.00	100	Horizontal	Pass

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Vertical



No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table (o)	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)			(cm)		
1	2402	91.22	-3.57	114.0	-22.78	Peak	186.00	100	Vertical	Pass
1*	2402	82.63	-3.57	94.0	-11.37	AV	186.00	100	Vertical	Pass

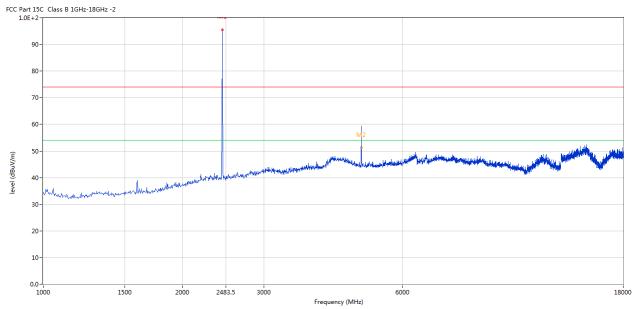
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Please refer to the following test plots for details: Middle Channel-2441MHz

Horizontal



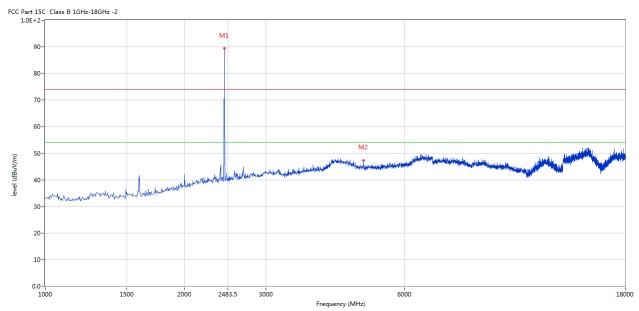
No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table (o)	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)			(cm)		
1	2441	95.49	-3.57	114.0	-18.51	Peak	123.00	100	Horizontal	Pass
1*	2441	86.95	-3.57	94.0	-7.06	AV	123.00	100	Horizontal	Pass
2	4879.280	59.30	3.20	74.0	-14.70	Peak	119.00	100	Horizontal	Pass
2**	4879.280	51.25	3.20	54.0	-2.75	AV	119.00	100	Horizontal	Pass

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Vertical



No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table (o)	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)			(cm)		
1	2441	89.44	-3.57	114.0	-24.56	Peak	180.00	100	Vertical	Pass
2	4883.529	47.24	3.20	74.0	-26.76	Peak	165.00	100	Vertical	Pass

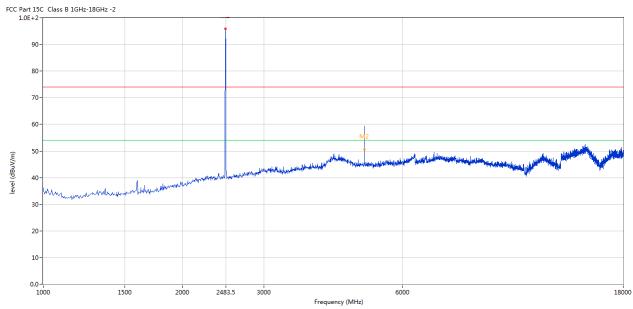
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Please refer to the following test plots for details: High Channel-2480MHz

Horizontal



No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table (o)	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)			(cm)		
1	2480	96.08	-3.57	114.0	-17.92	Peak	125.00	100	Horizontal	Pass
1	2480	87.12	-3.57	94.0	-6.88	AV	125.00	100	Horizontal	Pass
2	4960.010	59.24	3.36	74.0	-14.76	Peak	162.00	100	Horizontal	Pass
2**	4960.010	50.71	3.36	54.0	-3.29	AV	162.00	100	Horizontal	Pass

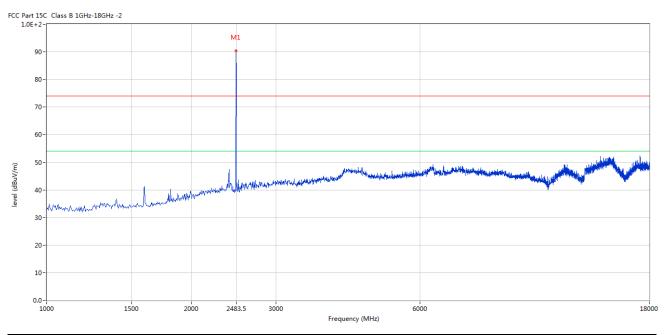
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Vertical



No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table (o)	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)			(cm)		
1	2480	90.31	-3.57	114.0	-23.69	Peak	194.00	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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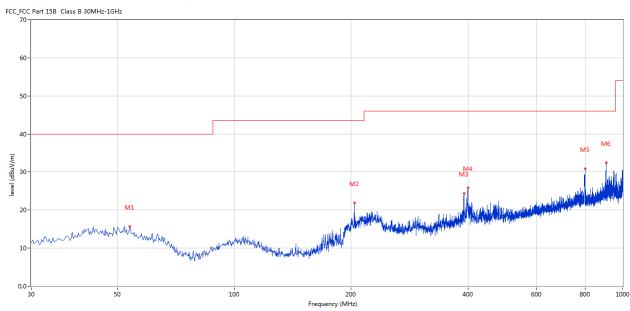


B. General Radiated Emission Data Radiated Emission In Horizontal (30MHz----1000MHz)

EUT set Condition: Keep Tx transmitting

Results: Pass

Please refer to following diagram for individual



No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	53.759	15.67	-11.53	40.0	-24.33	Peak	360.00	100	Horizontal	Pass
2	203.829	21.89	-13.50	43.5	-21.61	Peak	286.00	100	Horizontal	Pass
3	390.022	24.34	-8.88	46.0	-21.66	Peak	176.00	100	Horizontal	Pass
4	399.720	25.90	-8.57	46.0	-20.10	Peak	24.00	100	Horizontal	Pass
5	799.745	30.82	-2.97	46.0	-15.18	Peak	304.00	100	Horizontal	Pass
6	907.388	32.45	-1.76	46.0	-13.55	Peak	37.00	100	Horizontal	Pass

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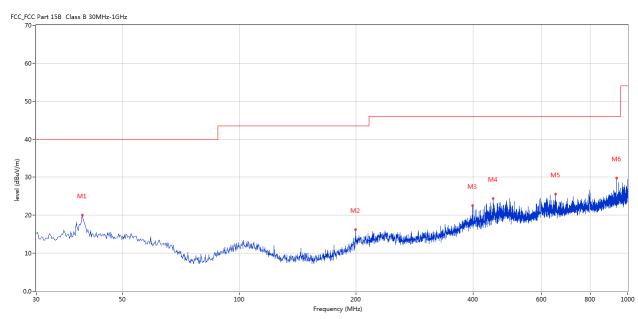


Radiated Emission In Vertical (30MHz----1000MHz)

EUT set Condition: Keep Tx transmitting

Results: Pass

Please refer to following diagram for individual



No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table (o)	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)			(cm)		
1	39.455	20.09	-12.52	40.0	-19.91	Peak	266.00	100	Vertical	Pass
2	199.223	16.21	-13.50	43.5	-27.29	Peak	332.00	100	Vertical	Pass
3	398.508	22.54	-8.65	46.0	-23.46	Peak	273.00	100	Vertical	Pass
4	450.875	24.36	-7.97	46.0	-21.64	Peak	327.00	100	Vertical	Pass
5	652.827	25.58	-4.58	46.0	-20.42	Peak	260.00	100	Vertical	Pass
6	936.481	29.85	-1.73	46.0	-16.15	Peak	0.00	100	Vertical	Pass

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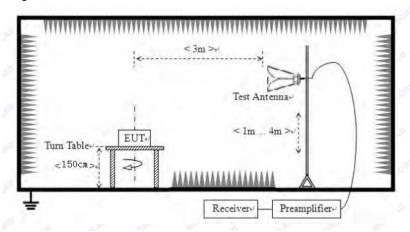


7. Band Edge

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.

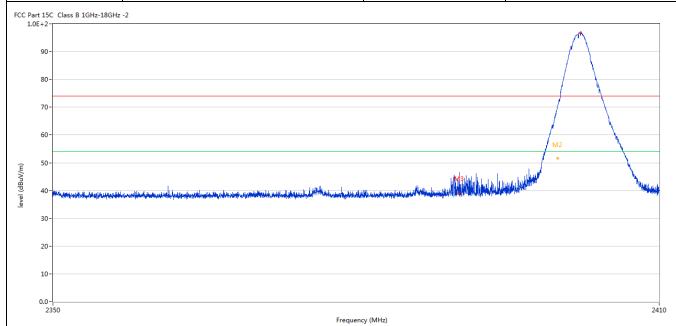
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7.6 Test Result

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



	l					1			1	
No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table (o)	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)			(cm)		
1	2402.142	96.73	-3.57	74.0	22.73	Peak	208.00	100	Horizontal	N/A
2	2400.012	67.87	-3.57	74.0	-6.13	Peak	228.00	100	Horizontal	Pass
2**	2400.012	51.69	-3.57	54.0	-2.31	AV	228.00	100	Horizontal	Pass
3	2390.070	39.12	-3.53	74.0	-34.88	Peak	162.00	100	Horizontal	Pass

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I	Product:	Wii	reless Bl	uetooth Hea	adphone	D	etector		Vertical	
	Mode		Keepin	g Transmitt	ting	Test	t Voltage		DC3.7V	7
Te	mperature		2	4 deg. C,		Н	ımidity		56% RF	I
Te	est Result:			Pass						
CC Part 1 1.0E+		z -2							M1	
81									$\int \int$	
70	0-									
60	0-								$\overline{}$	
(m//mgp) 44	la la caraci								√12 •	The state of the s
30	0-									
20	0-									
10	0-									
10										
0.0					Frequency (N	IHz)				24
0.0	0-	Results (dBuV/m)	Factor	Limit (dBuV/m)	Over Limit	Detector	Table (o)	Height (cm)	ANT	Verdict

No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table (o)	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)			(cm)		
1	2401.857	91.18	-3.57	74.0	17.18	Peak	186.00	100	Vertical	N/A
2	2400.042	64.64	-3.57	74.0	-9.36	Peak	186.00	100	Vertical	Pass
2**	2400.042	48.56	-3.57	54.0	-5.44	AV	186.00	100	Vertical	Pass
3	2390.040	42.53	-3.53	74.0	-31.47	Peak	227.00	100	Vertical	Pass

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2**

2483.392

46.36



Product:		Wireless	Bluetooth	Headphone		Polar	rity	Horiz	ontal
Mode		Kee	eping Transı	mitting		Test Vo	ltage	DC3	.7V
Temperature			24 deg. C	·,		Humi	dity	56%	RH
Test Result:			Pass						=
Part 15C Class B 1GHz-18 1.0E+2-	GHz -2							•	
90-									
70-									
60-									
50-	, skulpiledaja			M2					
	Charles with the state of the s				and he had grant the colored		harabahk kendagi	Harris Harry of the American	المنافلة المتعادمة المتعادمة
	Consequented and published in the state of t				and the last the section of		olesee subsepting the sections of	Hildwardsinkeren, sikkita, nelyeni,	
40-Land Malanda Miles	Control of the State of the Sta				makada firatra dipertika alba g	waddi di ar a hi bibarhi	olesse substitute (la periodope)	الماطعة المعادية الماطيعة المعادية المعادية المعادية المعادية المعادية المعادية المعادية المعادية المعادية الم	e de la decima de l
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30-	tadional particular designation of the second se				and had before the section of	renadak dalaman kalaban da	ok se zakadiri ke eni kenak	hildrandrish bengari Albertang banar	e de la companya de l
30-	the all the state of the state					engalah dina atah dalam da	ok ay abaddir lo endigy	hildrandin kongo i Albina, dana	
40- 30- 20- 10- 2470		Factor	Limit	2483.5		Table (o)	Height	ANT	
40- 30- 20- 10- 2470		Factor (dB)	Limit (dBuV/m)	2483.5 Frequency (I	MH2)				
40- 30- 20- 10- 0.0- 2470	Results			2483.5 Frequency (I	MH2)		Height		Verdic N/A

-7.64

ΑV

100

Horizontal

Pass

130.00

-3.57

54.0

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P	Product: Wireless Bluetooth Headphone Detector									tical
	Mode		K	eeping Tran	nsmitting		Test V	Voltage	DC:	3.7V
Ter	nperature			24 deg.	C,		Hun	nidity	56%	RH
Tes	st Result:			Pass				-		
C Part 15	5C Class B 1GHz-18GH:	z -2					I			
90)-			\mathrew \tag{1.50}						
80)-		/							
70)-									
60	J-		-/		1					
					N I					
					Mark Comment					
50					M ₂		1.			
50)-	Hadda Jaron Haringa Alek				ileradiyesediyejelida billa				
50 40 30	- 	Haller of the water of the state of the stat				hindusolii ja loka loka	da Nobella ka a Maraka ka			
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40 30		tidisəni kanin dirilərini diri				ilwandinga di kapadi da kapadi	da <mark>dib dala sa</mark> ka da			did nad deployed played
30 20 10		المفاق يتعاول بعدادة المفاقعة				ilmina addine and the first find the second		المالم المراجع المالية الله		an in the second
30 20 10		tekkensisteristik					da <mark>dik dalamb</mark> a sa da			a to to water
30 20 10 0.0		Results	Factor	Limit	2483.5		Table (o)	Height	ANT	2 Verdict
30 30 10 0.0 2			Factor (dB)	Limit (dBuV/m)	2483.5 Frequency (MHz)				2
30 20 10 0.0 2 No.	Frequency	Results			2483.5 Frequency (MHz)		Height		2
30 30 10 0.0 2	Frequency (MHz)	Results (dBuV/m)	(dB)	(dBuV/m)	2483.5 Frequency (Over Limit (dB)	MHz) Detector	Table (o)	Height (cm)	ANT	2 Verdict

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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Product:	Wireless 1	Bluetooth F	Ieadphon	e	Test Mod	le:	Keep	transmitting	g
Mode		ing Transm			Test Volta	ige		C3.7V	-
emperature			Humidit		5	6% RH			
Cest Result:		24 deg. C, Humidity Pass Detector						PK	
B Bandwidth		811.6kHz							
Ref Lvl	Marker ndB	1 [T1 no	dB] 00 dB	RBW VBW	30 kH 100 kH		F Att	20 dB	
10 dBm	BW 811	L.6232464	19 kHz	SWT	8.5 ms	U	nit	dBm	
10				ļ	V 1	[T1]	2.4020	0.68 dBm	A
0				M	ndB BW ▼ _{T1}	8: [T1]	20 11.6232 -1		
-10		Ţ,	V	V		[T1]	_	0020 GHz	
-20 1MAX	,				~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		2.4024		1M
-30						4	Λ		
-40							W/		
-50							by.	mund	
-60									
-70									
-80									
-90									

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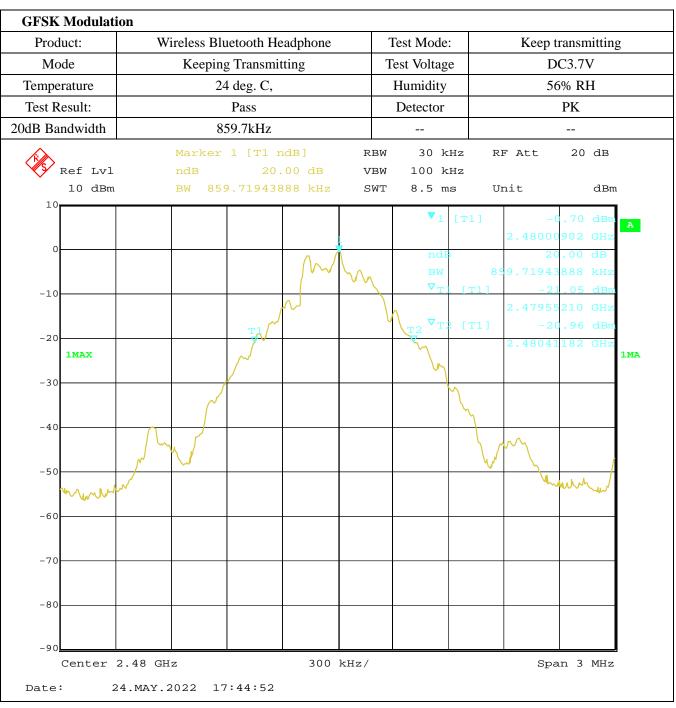


2.44100902 GHz ndB 20.00 dB BW 853.70741483 kHz ▼TI [T1] -2C.37 dBm 2.44055210 GHz T1 ▼T2 [T1] -19.87 dBm 2.44140581 GHz											tion	K Modula	GFS
Temperature 24 deg. C, Humidity 56% RH Test Result: Pass Detector PK 20dB Bandwidth 853.7kHz		transmitting	Keep tr		le:	Test Mod		adphone	etooth He	ireless Blu	W	duct:	Pro
Test Result: Pass Detector PK 20dB Bandwidth 853.7kHz Marker 1 [T1 ndB] RBW 30 kHz RF Att 20 dB ndB 20.00 dB VBW 100 kHz 10 dBm BW 853.70741483 kHz SWT 8.5 ms Unit dBm 10 10 10 10 10 10 10 10 10 1		C3.7V	DO		ige	est Volta	7	ting	g Transmi	Keeping		ode	Me
20dB Bandwidth 853.7kHz		5% RH	56		y	Humidit		24 deg. C,					Temp
Marker 1 [T1 ndB] RBW 30 kHz RF Att 20 dB Ref Lvl ndB 20.00 dB VEW 100 kHz 10 dBm 853.70741483 kHz SWT 8.5 ms Unit dBm 10 v1 [T1] -c.10 dBm 2.44100902 GHz 10 ndi 2.000 dB BW 853.70741483 kHz VT [T1] -20 37 dBm 2.44055210 GHz -10 1MAX -30 1MAX		PK			r	Detecto			Pass			Result:	Test I
Ref Lvl ndB 20.00 dB VBW 100 kHz 10 dBm BW 853.70741483 kHz SWT 8.5 ms Unit dBm 10									53.7kHz	8:		andwidth	20dB Ba
10 dBm BW 853.70741483 kHz SWT 8.5 ms Unit dBm 10		20 dB	7 Att	z RI	kHz	30	RBW	ndB]	1 [T1 r	Marker			(F)
10 0 1		10											WS/
-10 -10 -10 -10 -10 -10 -20 -20 -30 -40 -40 -10 -10 -10 -10 -10 -10 -10 -10 -10 -1		dBm	nit	Uı	ms	8.5	SWT	83 KHZ	3.707414	BW 85.			10
0	A		- O	T1]	1 [T	▼:							
BW 853.70741483 kHz VT: [T1] -2C, 37 dBm 2.44055210 GHz -19.87 dBm 2.44140581 GHz 11 -30 -40					3 75		,						C
-10 -20 -20 -20 -30 -40 -10 -20, 37 dBm -20, 37 dBm -20, 37 dBm -20, 44055210 GHz -19.87 dBm -2.44140581 GHz 1:				85			<u>ر</u>						
-20 1MAX -20 1MAX -30 -40			-20				V V						-10
-20 1MAX -30 -40		5210 GHz	2.44055			Λ		\sim					
-30 -40				[T1]	г2 [$ \begin{array}{c} $	·		T1 V				-20
-40	1MA		2.44140		7	7							
				У									-30
-50			M								$\int $		-40
harman		two water	~~ <u>\</u>								~		-50
-60													-60
-70													-70
-80													-80
-90													-90
Center 2.441 GHz 300 kHz/ Span 3 MHz		an 3 MHz	Spa				kHz/	300		Hz	2.441 G		
Date: 24.MAY.2022 17:41:59									:41:59	2022 17	24.MAY.2	: 2	Date

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Product:	Wireless Bluetoe	oth Headphone	Test Mode:	Keep tr	ansmitting	
Mode	Keeping Tra	ansmitting	Test Voltage	DO	C3.7V	
Temperature	24 de	g. C,	Humidity	56	% RH	
Test Result:	Pas	SS	Detector	PK		
OdB Bandwidth	1.2631	MHz				
<u> </u>	Marker 1 [T	l ndB] RBW	30 kHz	RF Att	20 dB	
Ref Lvl	ndB	20.00 dB VBW	100 kHz			
10 dBm	BW 1.262	52505 MHz SWT	8.5 ms	Unit	dBm	
10			▼ 1 [T1]	-1	.32 dBm	
					902 GHz	
0		Á	ndB	20	.00 dB	
		Λ. /\\ /	BW V _{T1 [T1}		505 MHz	
-10			VT T		<u>.97 dBm</u> 776 GHz	
			V ₁₂ [T1		.39 dBm	
-20	7		Y Y	2.40264	028 GHz	
1MAX					1M2	
-30						
-40 hm/ nutro	man M			mm		
0 4 W				M	\sim \sim	
-50						
-60						
-70						
-80						
-90						
Center 2.40)2 GHz	300 kHz/		Spai	n 3 MHz	

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Product:	Wireless Blu	etooth Head	lphone	T	est Mode:	Keep transmitt		ransmitting	g
Mode	Keeping	Transmittir				C3.7V			
Temperature		deg. C,			Humidity		56	% RH	
Test Result:		Pass			Detector	PK			
OdB Bandwidth	1.2	69MHz							
<u> </u>	Marker	1 [T1 nd]	B]	RBW	30 kHz	RI	7 Att	20 dB	
Ref Lvl	ndB	20.00	0 dB	VBW	100 kHz				
10 dBm	BW 1	.2685370	7 MHz	SWT	8.5 ms	Ur	nit	dBm	ı
10					▼ 1 [T	1]	-2	.29 dBm	A
0			1				2.44101	503 GHz	
			Ā		ndB		20	.00 dB	
			\ \ \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Λ	BW VT1 [т11	1.26853	707 MHz	
-10		~~\^\		him	my		2.44037	174 GHz	
		/			7 22 [T1]	-22	.29 dBm	
-20 1MAX	7				Y		2.44164	028 GHz	1MA
-30									
-40	W W					lun	~~~~	m m	
-50									
-60									
-70									
- 70									
-80									
-90									
Center 2.	441 GHz		300 kHz	/			Spa	n 3 MHz	

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Product:	Wii	reless Blu	aetooth He	adphone		Test Mode	;	Keep t	ransmitting	
Mode			g Transmi		-	Test Voltag	e		C3.7V	
Temperature			4 deg. C,	=		Humidity			5% RH	
Test Result:		Pass				Detector		PK		
OdB Bandwidth		1.3	263MHz							
Ŕ		Marker	1 [T1 r	ndB]	RBW	30 k	Hz R	F Att	20 dB	
Ref Lvl		ndB	20.	00 dB	VBW	100 k	Hz			
10 dBm		BW I	1.262525	05 MHz	SWT	8.5 m	s U	nit	dBm	
10						v ₁	[T1]	-3	.00 dBm	
								2.48000		
0						ndE	3	20	.00 dB	
				_ /	$$	BW ▼ _T 1	[T1]	1.26252	505 MHz	
-10			~/	$\sqrt{}$	V	My		2.47937		
						Δf^{L_3}	2 [T1]	-22	.79 dBm	
-20		7				1	T2	2.48063	427 GHz	
1MAX		/							11	
-30							_			
		/					\			
-40	\ \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	~ 					\			
~~~~	~~						Wan	$\sim$	. ^ ~	
-50								****	W \	
-60										
-70										
-80										
-90										
Center 2	2.48 GHz	:		300	kHz/			Spa	n 3 MHz	

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Product:	W	ireless Blu	aetooth He	adphone	7	Test Mode	:	Keep t	ransmitting	g
Mode		Keeping	g Transmit	ting	Т	est Voltage	e	D	C3.7V	
Temperature			deg. C,			Humidity		56	5% RH	
Test Result:		Pass				Detector		PK		
0dB Bandwidth		1.3	281MHz							
Ŕ		Marker	1 [T1 n	ndB]	RBW	RBW 30 kHz		7 Att	20 dB	
Ref Lvl		ndB	20.	00 dB	VBW	100 k	Hz			
10 dBm		BW 3	1.280561	12 MHz	SWT	8.5 m	s Ur	nit	dBm	L
10						<b>v</b> ₁	[T1]	-1	l.35 dBm	,
				;	<u>L</u>			2.40200	902 GHz	A
0				1	\ \ \	ndE	3	20		
						BW		1.28056		
-10				<del>~</del>	, C	M VTI	[T1]	-21 2.40135	1.36 dBm 3371 GHz	
			/ *			√ ₁ 2	2 [T1]	-21		
-20		T1					T 2" 1	2.40263	3427 GHz	
1MAX										1MA
-30										
-40		W.					w	m/w	m	
-50										
-60										
-70										
, 5										
-80										
-90	2.402 G	II.a	I	200	kHz/			222	an 3 MHz	

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8QPSK Modul	ation					
Product:	Wireless 1	Bluetooth Headphone	Te	st Mode:	Keep	transmitting
Mode	Keep	ing Transmitting	Tes	st Voltage	Ι	OC3.7V
Temperature		24 deg. C,	Humidity 56% R			6% RH
Test Result:		Pass	Γ	Detector		PK
20dB Bandwidth		1.281MHz				
Ŕ	Marke	er 1 [T1 ndB]	RBW	30 kHz	RF Att	20 dB
Ref Lvl	ndB	20.00 dB	VBW	100 kHz		
10 dBm	BW	1.28056112 MHz	SWT	8.5 ms	Unit	dBm
				<b>▼</b> 1 [T	1] -	2.20 dBm A
0					2.4410	
				ndB BW	1.2805	0.00 dB 6112 MHz
-10			\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	_	r1] -2	2.35 dBm
		~~~~		My	2.4403	5371 GHz
-20		T1		∇\ _{\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\}	T1] -2	2.31 dBm
1MAX					2.4416	3427 GHz 1MA
-30				1		
-40	War war				hymn	M ~ M
-50					•	
-60						
-70						
-80						
-90 Center	2.441 GHz	300	kHz/	l	Sp	an 3 MHz
Date: 2	24.MAY.2022	17:58:06				

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Date: 2022-05-25



8QPSK Modula	ntion								
Product:	ss Bluetooth He	Bluetooth Headphone		Test Mode:		Keep transmitting		g S	
Mode	eeping Transmit	Transmitting		est Voltage	DC3.7V				
Temperature	24 deg. C,	4 deg. C,		Humidity		56% RH			
Test Result:	Pass			Detector		PK			
20dB Bandwidth	20dB Bandwidth 1.2								
(F)		rker 1 [T1 r	ndB]	RBW	30 kHz	RF	Att	20 dB	
Ref Lvl			.00 dB	VBW	100 kHz			_	
10 dBm	BW	1.280561	12 MHz	SWT	8.5 ms	Un:	it	dBm	l 1
					V 1 [3	r1]	-3	.00 dBm	Α
0						2	2.48000	902 GHz	
			1	0	ndB BW	-	20 1.28056	.00 dB 112 MHz	
1.0			$ \wedge $	١// ا	_	[T1]	-23 -23	.30 dBm	
-10		~~~	~~ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		~~~		2.47935	371 GHz	
					₹_T2	[T1]	-23	.41 dBm	
-20 1MAX					V 2	2	2.48063	427 GHz	1MA
-30					,				
-40	Comment of the second	,				hay	my n	۸۸	
-50									
-60									
-70									
-80									
-90 Center	2.48 GHz 300 kHz/						Spa	n 3 MHz	
Date: 2	24.MAY.2022	17:58:58							

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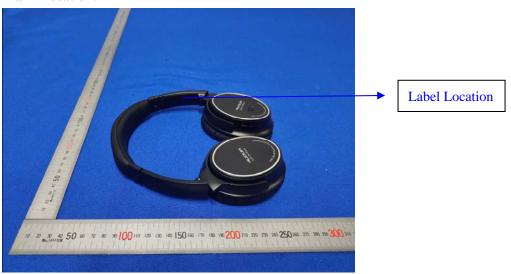


10.0 FCC ID Label

FCC ID: 2A6XTANC-007

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:



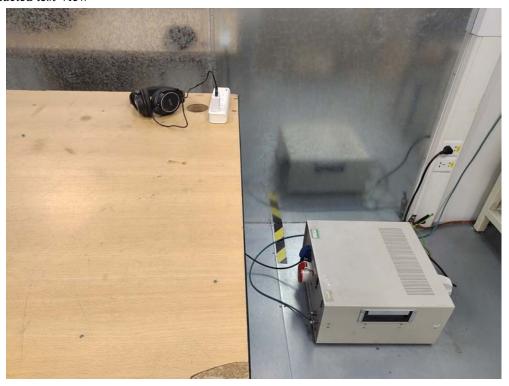
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11.0 Photo of testing

11.1 Conducted test View--



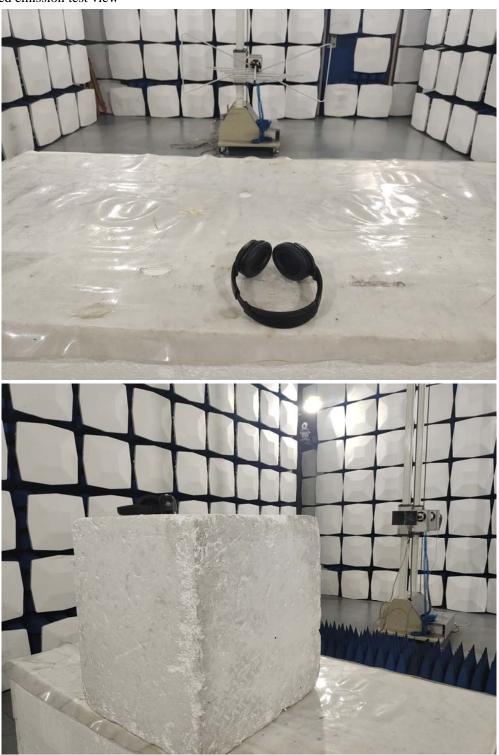
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Radiated emission test view



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

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In the event of the improper use of the report. The SHENZHEN TIMEWAY TESTING LABORATORIES. reserves the rights to withdraw it and to

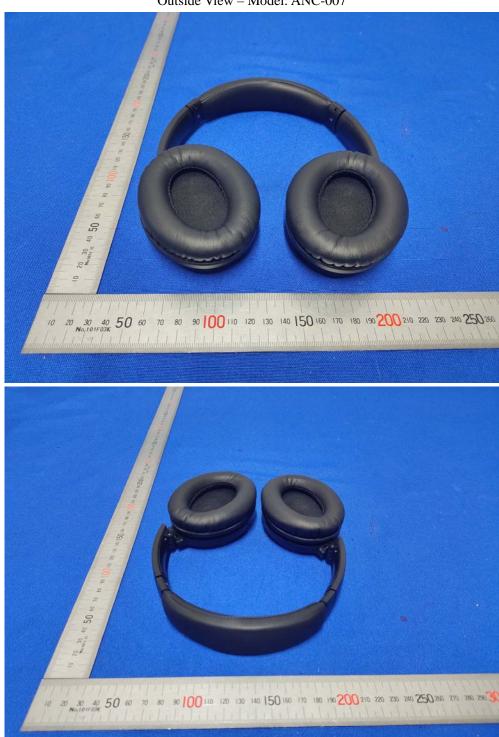
adopt any other remedies which may be appropriate.

Date: 2022-05-25



11.2 Photographs – EUT

Outside View - Model: ANC-007



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Outside View – Model: ANC-007



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Outside View – Model: ANC-007



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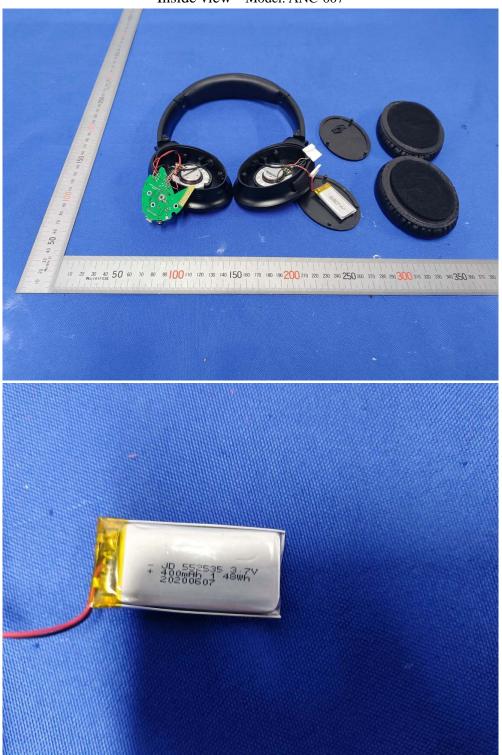
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Inside view - Model: ANC-007



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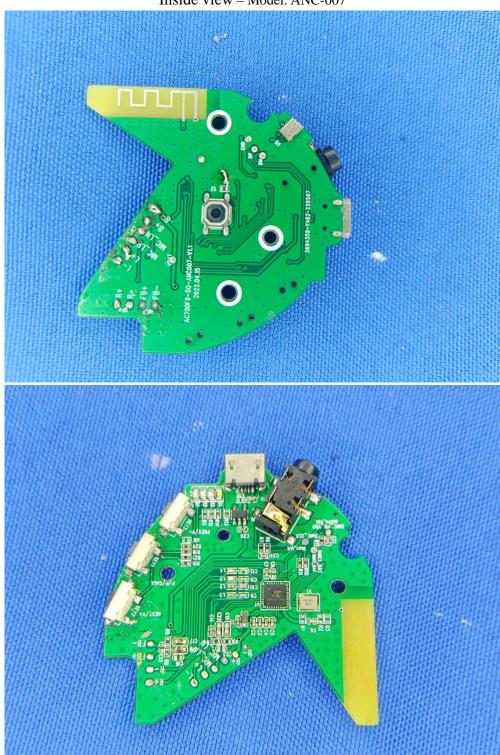
In the event of the improper use of the report. The SHENZHEN TIMEWAY TESTING LABORATORIES. reserves the rights to withdraw it and to

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Date: 2022-05-25



Inside view - Model: ANC-007



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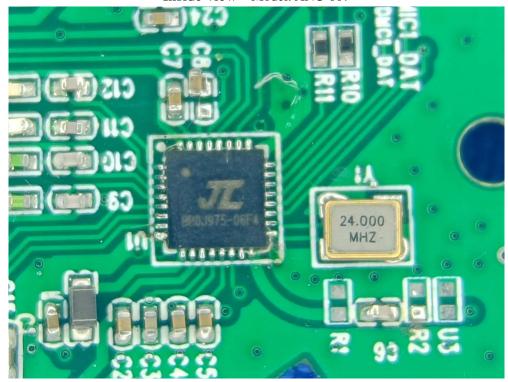
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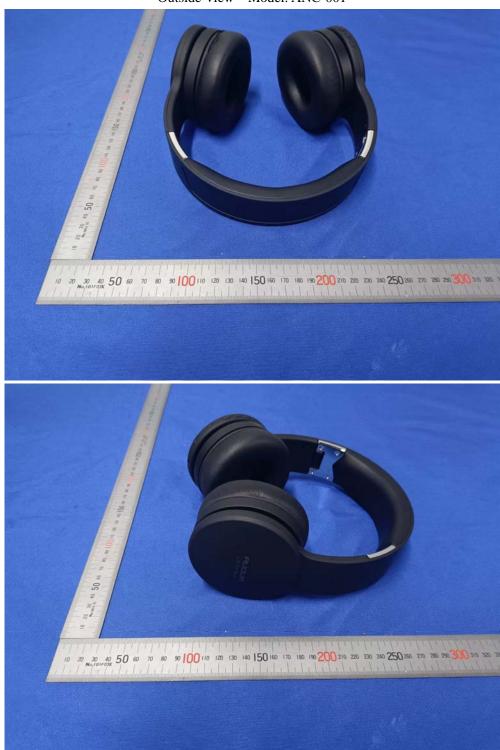
Inside view - Model: ANC-007



Date: 2022-05-25



Outside View – Model: ANC-001



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Date: 2022-05-25



Outside View - Model: ANC-001



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Outside View - Model: ANC-001



-- End of the report--