Report No.:	TW2503155E
Applicant:	Electronic World LLC
Product:	Wireless microphone
Model No.:	Electro Thunder Bass, GS-113
Trademark:	Electro
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 Jons

Terry Tang

Manager

Dated:

April 01, 2025

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

SHENZHEN TIMEWAY TESTING LABORATORIES

Zone C, 1st Floor, Block B, Jun Xiang Da Building, Zhongshan Park Road West, Tong Le Village, Nanshan District, Shenzhen, China Tel (755) 83448688, Fax (755) 83442996, E-Mail:info@timeway-lab.com



Special Statement:

FCC-Registration No.: 744189

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

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

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

A2LA (Certification Number:5013.01)

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

CAB identifier: CN0033

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1.0 General Details

1.1 Test Lab Details

Name: SHENZHEN TIMEWAY TESTING LABORATORIES.
Address: Zone C, 1st Floor, Block B, Jun Xiang Da Building, Zhongshan Park Road West, Tong Le Village, Nanshan District, Shenzhen, 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:Electronic World LLCAddress:575 Julie Rivers Drive, Sugar Land, TX, United States, 77478

1.3 Description of EUT

Description of De I	
Product:	Wireless microphone
Manufacturer:	Glory Star Technology Industrial Co., Ltd.
Address:	Room2102, Block 1st, Yi Luan Building, Xixiang Road 230, BaoAn District,
	Shenzhen, China
Trademark:	Electro
Model Number:	Electro Thunder Bass
Additional Model Name	GS-113
Rating:	DC3.0V, 2pcs AA batteries
Serial No.:	GS113202503
Hardware Version:	V2.0
Software Version:	V2.0
Operation Frequency:	2402-2480MHz
Modulation Type:	GFSK, JI/4DQPSK
Number of Channels:	79
Channel Separation:	1MHz
Antenna Designation	PCB antenna with gain 2.0dBi maximum (Get from the antenna specification)

1.4 Submitted Sample: 2 Samples

1.5 Test Duration

2025-03-18 to 2025-04-01

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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

Andy - Xing

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	2024-07-12	2025-07-11
LISN	R&S	EZH3-Z5	100294	2024-07-12	2025-07-11
LISN	R&S	EZH3-Z5	100253	2024-07-12	2025-07-11
Impuls-Begrenzer	R&S	ESH3-Z2	100281	2024-07-12	2025-07-11
Loop Antenna	EMCO	6507	00078608	2022-07-18	2025-07-17
Spectrum	R&S	FSIQ26	100292	2024-07-12	2025-07-11
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	2025-07-17
Power meter	Anritsu	ML2487A	6K00003613	2024-07-12	2025-07-11
Power sensor	Anritsu	MA2491A	32263	2024-07-12	2025-07-11
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	2024-07-12	2025-07-11
EMI Test Receiver	RS	ESCS 30	834115/006	2024-07-12	2025-07-11
Spectrum	HP/Agilent	E4407B	MY50441392	2024-07-12	2025-07-11
Spectrum	RS	FSP	1164.4391.38	2024-07-12	2025-07-11
RF Cable	Zhengdi	ZT26-NJ-NJ-8M/FA		2024-07-12	2025-07-11
RF Cable	Zhengdi	7m		2024-07-12	2025-07-11
Pre-Amplifier	Schwarebeck	BBV9743	#218	2024-07-12	2025-07-11
Pre-Amplifier	HP/Agilent	8449B	3008A00160	2024-07-12	2025-07-11
LISN	SCHAFFNER	NNB42	00012	2024-07-12	2025-07-11
ESPI Test Receiver	R&S	ESPI 3	100379	2024-07-12	2025-07-11
LISN	R&S	EZH3-Z5	100294	2024-07-12	2025-07-11

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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The EUT has been tested according to the following specifications:

3.0 Technical Details

3.1 Summary of test results

The EOT has been rested according to the following specifications.			
Standard	Test Type	Result	Notes
FCC Part 15, Paragraph 15.203	Antenna Requirement	Pass	Complies
FCC Part 15, Paragraph 15.207	Conducted Emission Test	N/A	N/A
FCC Part 15 Subpart C Paragraph 15.249(a) & 15.249(b) Limit	Field Strength of Fundamental	Pass	Complies
FCC Part 15, Paragraph 15.209	Radiated Emission Test	Pass	Complies
FCC Part 15 Subpart C Paragraph 15.249(d) Limit	Band Edge Test	Pass	Complies
FCC Part 15.215(c)	20dB bandwidth	Pass	Complies

3.2 Test Standards

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

4.0 EUT Modification

No modification by SHENZHEN TIMEWAY TESTING LABORATORIES

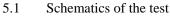
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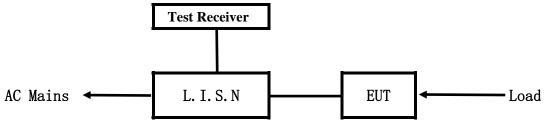
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5.0 Power Line Conducted Emission Test



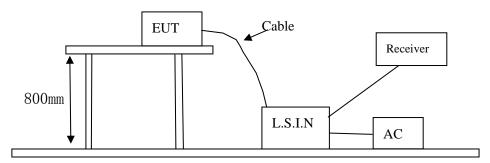


EUT: Equipment Under Test

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 500hm/50uH as specified by section 5.1 of ANSI C63.10–2013. Test Voltage: N/A

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.

A.	EUT
11.	LUI

Device	Manufacturer	Model	FCC ID
Wireless mierophone	Glory Star Technology	y Electro Thunder Bass, 2BB37-ELLCTB10	
Wireless microphone	Industrial Co., Ltd.	GS-113	2DD37-ELLCIDI00A-A

B. Internal Device

Device	Manufacturer	Model	FCC ID/DOC
N/A			

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C. Peripherals

Device	Manufacturer	Model	Rating
N/A			

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

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				
$5.00 \sim 30.00$	60.0	50.0				

5.5 Power line conducted Emission Limit according to Paragraph 15.207

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

5.6 Test Results:

Note: EUT powered by AA battery, so this test item not applicable.

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6 Radiated Emission Test

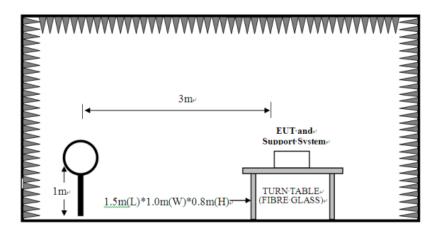
- 6.1 Test Method and test Procedure:
- The EUT was tested according to ANSI C63.10-2013. The radiated test was performed at Timeway EMC Laboratory. This site is on file with the FCC laboratory division, Registration No. 744189
- (2) The EUT, peripherals were put on the turntable which table size is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

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

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

- (4) The antenna high is varied from 1 m to 4 m high to find the maximum emission for each frequency.
- (5) The antenna polarization: Vertical polarization and Horizontal polarization.Block diagram of Test setup

For radiated emissions from 9kHz to 30MHz

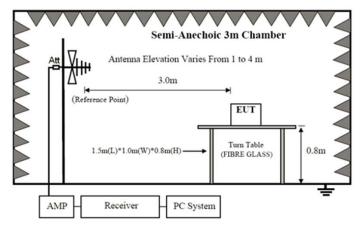


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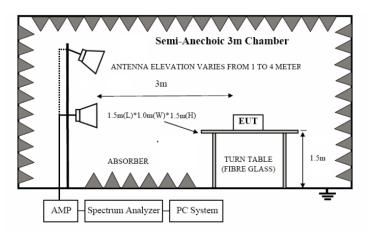
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For radiated emissions from 30MHz to1GHz



For radiated emissions above 1GHz



- 6.2 Configuration of the EUT Same as section 5.3 of this report
- 6.3 EUT Operating Condition Same as section 5.4 of this report.
- 6.4 Radiated Emission Limit

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

A FCC Pa	rt 15 Subpart C Paragraph 15.249(a) Limit
----------	---

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

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2	2400-2483.5		94 (Average)	114 (Peak)	500	54 (Average)	74 (Peak)
Note:	1. RF Field Streng	gth (dBuV)	= 20 log RF Volt	age (uV)			

2.Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.

3. The emission limit in this paragraph is based on measurement instrumentation employing an average detector.

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

A	A	8 1
Frequency Range (MHz)	Distance (m)	Field strength (dB μ V/m)
0.009-0.490	3	20log(2400/F(kHz)) +40log (300/3)
0.490-1.705	3	20log(24000/F(kHz)) +40log (30/3)
1.705-30	3	69.5
30-80	3	40.
88-216	3	43.5
216-960	3	46.0
Above 960	3	54.0

Note:

1. RF Voltage (dBuV) = $20 \log \text{RF}$ Voltage (uV)

2. In the Above Table, the tighter limit applies at the band edges.

3. Distance refers to the distance in meters between the measuring instrument antenna and the EUT

4. All scanning using PK detector. And the final emission level was get using QP detector for frequency range from 30-1000MHz.As to 1G-25G, the final emission level got using PK. For fundamental measurement, PK detector used.

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

6. New batteries were used during tests

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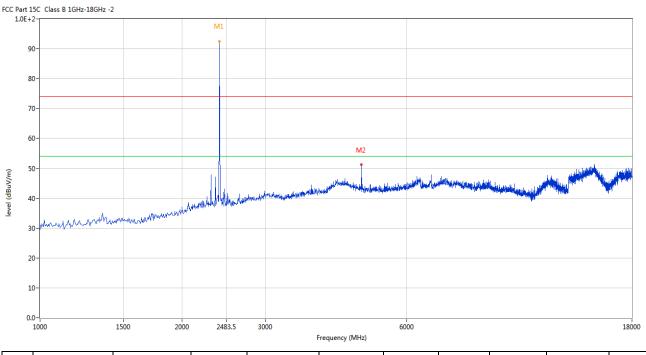
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6.5 Test resultA Fundamental & Harmonics Radiated Emission Data

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

Horizontal



No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2402	92.43	-3.57	114.0	-21.57	Peak	78.00	100	Horizontal	Pass
2	4802.799	51.20	3.12	74.0	-22.80	Peak	115.00	100	Horizontal	Pass

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2402

1

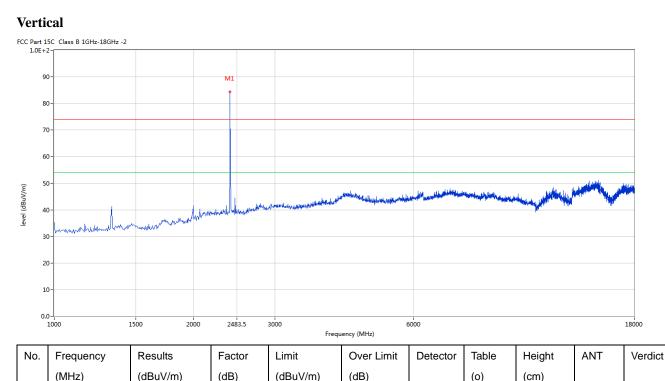
84.44

-3.57

114.0

-29.56





178.00

100

Vertical

Pass

Peak

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

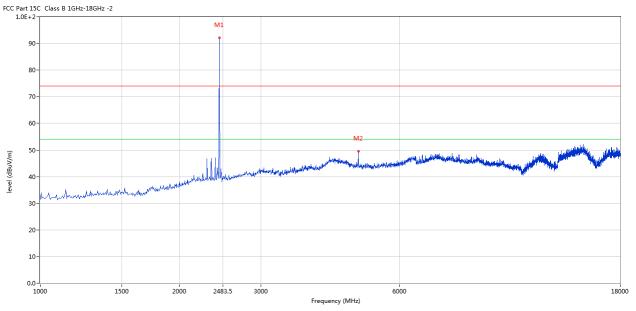
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Please refer to the following test plots for details: Middle Channel-2441MHz

Horizontal

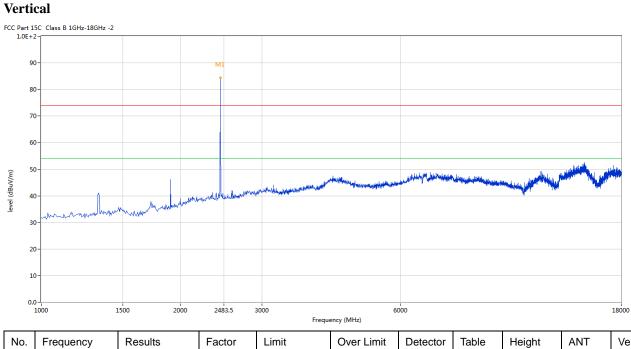


No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2441	92.08	-3.57	114.0	-21.92	Peak	262.00	100	Horizontal	Pass
2	4879.280	49.47	3.20	74.0	-24.53	Peak	246.00	100	Horizontal	Pass

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No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2441	84.34	-3.57	114.0	-29.66	Peak	22.00	100	Vertical	Pass

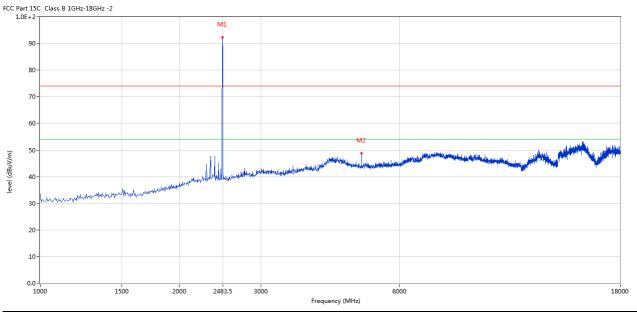
The report refers only to the sample tested and does not apply to the bulk.

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

Horizontal

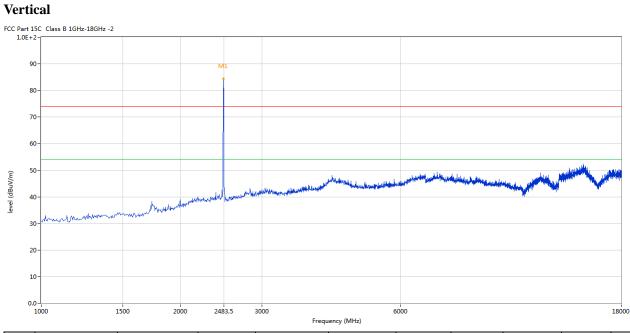


No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2480	92.21	-3.57	114.0	-21.79	Peak	254.00	100	Horizontal	Pass
2	4960.010	48.69	3.36	74.0	-25.31	Peak	269.00	100	Horizontal	Pass

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No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2480	84.45	-3.57	114.0	-29.55	Peak	132.00	100	Vertical	Pass

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

(2) Margin=Emission-Limits

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

(4) For test purpose, keep EUT continuous transmitting

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

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

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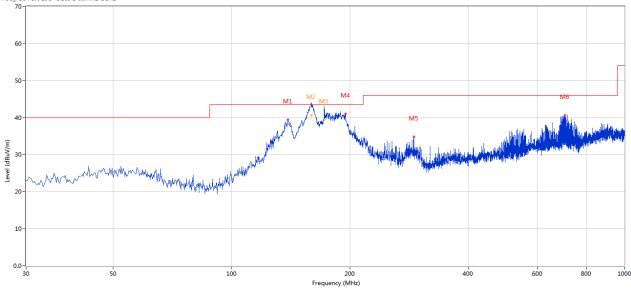
B. General Radiated Emission Data Radiated Emission In Horizontal (30MHz----1000MHz)

EUT set Condition: Keep Tx transmitting

Results: Pass

Please refer to following diagram for individual

FCC_FCC Part 15C Class B 30MHz-1GHz



No.	Frequency	Results	Factor	Limit	Margin	Detector	Table	Height	Antenna	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(Degree)	(cm)		
1	139.098	39.44	-9.87	43.5	4.06	Peak	274.00	100	Horizontal	Pass
2*	159.463	40.58	-9.56	43.5	2.92	QP	267.00	100	Horizontal	Pass
3*	172.069	39.46	-8.71	43.5	4.04	QP	262.00	100	Horizontal	Pass
4	194.859	41.03	-7.15	43.5	2.47	Peak	269.00	100	Horizontal	Pass
5	290.865	34.82	-4.37	46.0	11.18	Peak	255.00	100	Horizontal	Pass
6	704.951	40.57	2.33	46.0	5.43	Peak	252.00	100	Horizontal	Pass

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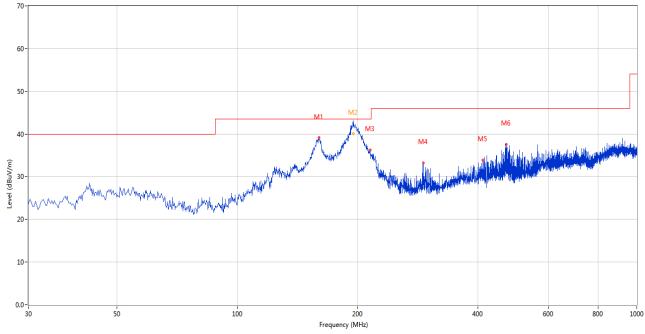
Radiated Emission In Vertical (30MHz----1000MHz)

EUT set Condition: Keep Tx transmitting

Results: Pass

Please refer to following diagram for individual

FCC_FCC Part 15C Class B 30MHz-1GHz



No.	Frequency	Results	Factor	Limit	Margin	Detector	Table	Height	Antenna	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(Degree)	(cm)		
1	159.948	39.10	-9.55	43.5	4.40	Peak	179.00	100	Vertical	Pass
2*	194.859	40.06	-7.15	43.5	3.44	QP	344.00	100	Vertical	Pass
3	215.224	36.25	-6.78	43.5	7.25	Peak	91.00	100	Vertical	Pass
4	291.835	33.18	-4.31	46.0	12.82	Peak	13.00	100	Vertical	Pass
5	412.084	33.91	-1.29	46.0	12.09	Peak	236.00	100	Vertical	Pass
6	471.482	37.55	-0.32	46.0	8.45	Peak	198.00	100	Vertical	Pass

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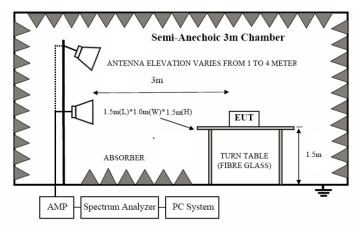


7. Band Edge

7.1 Test Method and test Procedure:

- The EUT was tested according to ANSI C63.10–2013. The radiated test was performed at Timeway EMC Laboratory. This site is on file with the FCC laboratory division, Registration No. 744189
- (2) Set Spectrum as RBW=1MHz, VBW=3MHz and Peak detector used for PK value. RBW=1MHz, VBW=10Hz and Peak detector used for AV value.
- (3) The antenna high is varied from 1 m to 4 m high to find the maximum emission for each frequency.
- (4) The antenna polarization: Vertical polarization and Horizontal polarization.

7.2 Radiated Test Setup



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

7.3 Configuration of the EUT

Same as section 5.3 of this report

7.4 EUT Operating Condition

Same as section 5.4 of this report.

7.5 Band Edge Limit

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

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7.6 Test Result

]	Product:		Wireless m	icrophone		Polar	ity		Horizontal	
	Mode	H	Keeping Tr	ansmitting		Test Vo	ltage		DC3.0V	
Te	emperature		24 de	g. C,		Humic	lity		56% RH	
Te	est Result:		Pa	SS						
1.0E+ 9 8 7	15C Class B 1GHz-18GHz -2- 30- 30- 70- 50-	2						M1		
5 5 6 6 7 7 8 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8	50 - 10 - 30 - 20 -	restrictionstations and the second sec	nileinetetetetetetetetetetetetetetetetetete	with the second s	mar and the second s	M3	trafacture filse billing	• •		Ave
1 1 0	50	Results	Factor	Fr Limit	equency (MHz)	Detector	Table		1	2410
3 2 2 0	50	Results (dBuV/m)	Factor (dB)			Detector	Table (o)			2410
3 2 1 0 No.	50- 10- 20- 10- 2350 Frequency			Limit	Over Limit	Detector		Height	1	2410
5 4 3 2 1 1 0 No.	50 10 20 10 22 23 50 Frequency (MHz)	(dBuV/m)	(dB)	Limit (dBuV/m)	Over Limit (dB)		(o)	Height (cm)	ANT	2410 Verdic
(iu)/noo) 3 2 1	50 10 10 20 10 22 23 50 Frequency (MHz) 2401.857	(dBuV/m) 92.06	(dB) -3.57	Limit (dBuV/m) 74.0	Over Limit (dB) 18.06	Peak	(o) 270.00	Height (cm) 100	ANT	2410 Verdic N/A

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]	Product:	V	Vireless mi	icrophone		Detect	or		Vertical	
	Mode	K	eeping Tra	ansmitting		Test Vol	tage	-	DC3.0V	
Te	mperature		24 deg	g. C,		Humid	ity	:	56% RH	
Te	est Result:		Pas	SS						
CC Part 1 1.0E+	15C Class B 1GHz-18GHz -2 -2-	2								
9	00-							M1		
								ŗ	``````````````````````````````````````	
8	30-									
7	70-									
6	50 -							/	$\neg $	
ç 5	50-							M2	$ \rightarrow $	
(m/vulat						M3		M2		
(m//wb) 4		a daverski spilover sve stillet av som	sadah Ali Angkan News News Street	غادية يعادر الدير المدير ومرجعة والمعادية المحافية المحافية المحافية المحافية المحافية المحافية المحافية المحاف	el sellin av fasterski bilandi	М3	ubolas frank szákisban benekissar	• •		ing filly and an indicated
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۳/۱۹۹۵ ۱۹۸۹ ۲ ۵	10	ร	n de Mittellen der näre			M3	bole kolociteta (M2 •		2410
44 (10801/12 3/ 2/ 1/ 1/	10			Fre	equency (MHz)	nd son is sin did den en		₩2 •		2410
۳/۱۹۹۵ ۱۹۸۹ ۲ ۵	10	Results	Factor	Fre	equency (MHz) Over Limit	M3	Table	Height	ANT	2410
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44 (10801/12 3/ 2/ 1/ 1/	10	Results	Factor	Fre	equency (MHz) Over Limit	nd son is sin did den en	Table	-		2410
للسرامي عند المعام ي المعام الممام الممام الممام الممام الممام الممام المعام الممام الممام الممام الممام الممامم الممام الممام الممام الممام الممام الممام الممام ممام مما معمام ممامم مماممام ممام م	10	Results (dBuV/m)	Factor (dB)	Fre Limit (dBuV/m)	equency (MHz) Over Limit (dB)	Detector	Table (o)	(cm)	ANT	2410 Verdic
4 3 2 1 0. No.	10	Results (dBuV/m) 84.35	Factor (dB) -3.57	Fre Limit (dBuV/m) 74.0	Over Limit (dB) 10.35	Detector Peak	Table (o) 179.00	(cm) 100	ANT	2410 Verdic

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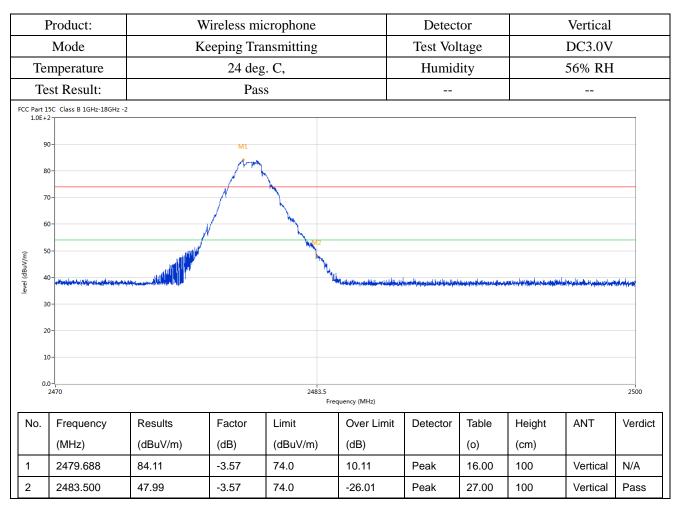


]	Product:		Wireless	microphone		Р	olarity		Horizont	al
	Mode		Keeping	Fransmitting		Test	t Voltage		DC3.0V	1
Te	emperature		24 c	leg. C,		Hu	umidity		56% RI	ł
Te	est Result:		I	Pass						
CC Part 1 1.0E+	15C Class B 1GHz-18GHz	-2						ł		
	90-		MI	•						
8	80 -									
7	70-		M							
6	50 -		<u>/</u>							
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4 (dpn/) ۱۹۰۰۹ ع ۱۹۰۰۹ ع ۱۹۰۰۹ ع	40	Results	Factor		5	Detector	Table	Height	ANT	2500
evel (d8m/) 3 2 1	40		Factor (dB)	2483.	5 Frequency (MHz)					2500
۳/۱۹۹۵ 4 2 1 1 0 No.	10	Results		2483.: Limit	5 Frequency (MHz) Over		Table	Height		2500
evel (d8m/) 3 2 1	40	Results (dBuV/m)	(dB)	2483.: Limit (dBuV/m)	5 Frequency (MHz) Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	2500 Verdic

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adopt any other remedies which may be appropriate.





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

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

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8.0 Antenna Requirement

Applicable Standard

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

This product has a PCB antenna with gain 2.0dBi maximum. It fulfills the requirement of this section. Test Result: Pass

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9.0 20dB Bandwidth Measurement

Test Configuration



Test Procedure

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

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

Limit

N/A

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Test Result

Product:	Wireless microphone	Test Mode	Keep transmitting	
Mode	Keeping Transmitting	Test Voltag		
Temperature	24 deg. C,	Humidity	56% RH	
Test Result:				
20dB Bandwidth	1.002MHz	Detector		
Ref 10 dB			rker 1 [T1] 2.12 dBm 2.402012000 GHz	
Ref 10 dB			B [T1] 20.00 dB 1.002000000 MHz	
Center 2.4	:02 GHz 300	kHz/	Span 3 MHz	

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Product:	Wireless microphone	Test Mode:	Keep transmitting	
Mode	Keeping Transmitting	Test Voltage	DC3.0V	
Temperature	24 deg. C,	Humidity	56% RH	
Test Result:	Pass	Detector	РК	
0dB Bandwidth	984kHz			
Ref 10 In In In	m *Att 20 dB	BW 30 kHz Marker BW 100 kHz WT 5 ms 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	r 1 [T1] -0.42 dBm 2.441162000 GHz F1] 20.00 dB 4.00000000 kHz	

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Mode
Temperature
Test Result:
OdB Bandwidth
Ref 10 dB Ref 10 dB 10 -0 -10 -20 -30 -40 -40 -70 -80 -90 Center 2.4

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adopt any other remedies which may be appropriate.



ModeKeeping Transmittingcemperature24 deg. C,Cest Result:PassB Bandwidth1.326MHz
Pemperature24 deg. C,Cest Result:Pass
B Bandwidth 1.326MHz
×
Ref 10 dBm *Att 20 dB 10 0 0 0 -10 74 -20 74 -30 74 -30 74 -50 0 -60 0 -70 0 -80 0 -90 0

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Mode
Temperature
Test Result:
0dB Bandwidth
Ref 10 I0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -10 -0 -20 -30 -30 -30 -40 -0 -50 -60 -60 -70 -80 -90 Center 2.4

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Product:	Product: Wireless microphone			Keep transmitting	
Mode	Mode Keeping Transmitting		Voltage	DC3.0V	
Temperature	24 deg. C,		midity	56% RH	
Test Result:			etector	РК	
20dB Bandwidth	1.332MHz				
PK 10 10 0 10 0 -10 -20 -30 -30 -40 -50 -60 -70 -80 -80		* RBW 30 kHz * VBW 100 kHz SWT 5 ms	Marker 1 2.4 ndB [T1] BW 1.3 Temp 1 [2.4 Temp 2 [[T1] -0.73 dBm 80000000 GHz	
-90					
Center 2.	48 GHz 300	kHz/		Span 3 MHz	

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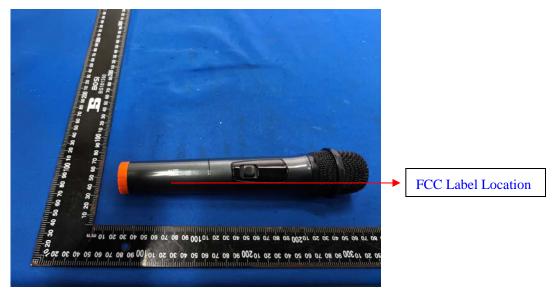
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10.0 FCC ID Label

FCC ID: 2BB37-ELLCTB100X-A

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 N/A

Radiated emission test view



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11.2 Photographs - EUT Outside View



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Outside View



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Outside View



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Inside View



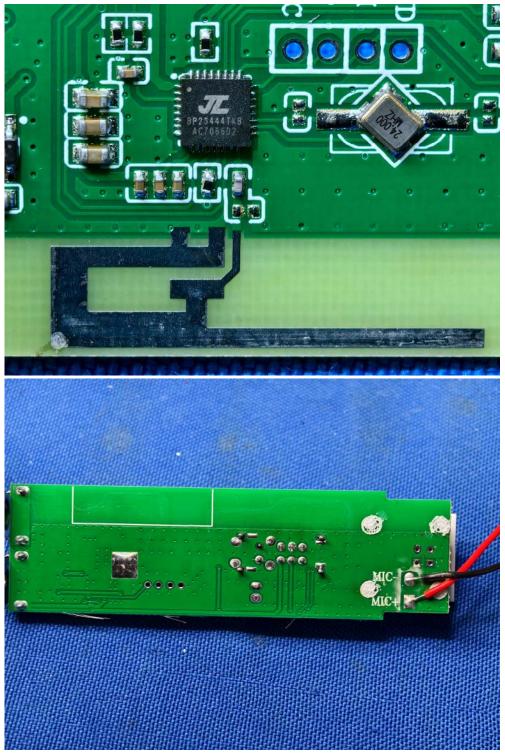
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Inside View



--End of the report--

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