FCC TEST REPORT

FCC ID: 2A3X5-D2QI

Maximum Permissible Exposure (MPE)

Product Name	:	Bluetooth Speaker with Alarm Clock and Wireless Charging Function
Model Name	:	D2qi,S1-qi,S1qi,S1-Qi,S1-QI,D2-qi,D2-WC,1100755
Brand Name	:	Homtime
Report No.	:	PTC21110900401E-FC03
Sample ID	:	PTC21110900401E-1#
Prepared for		
Shanghai Funner Electronic Technology Co., Ltd.		
Room 217, No.20, Lane 893 Changta Road, Songjiang District, Shanghai, China		
Prepared by		
Precise Testing & Certification Co., Ltd		
Building 1, No. 6, Tongxin Road, Dongcheng Street, Dongguan, Guangdong, China		

1TEST RESULT CERTIFICATION

Applicant's name	:	Shanghai Funner Electronic Technology Co., Ltd.
Address	:	Room 217, No.20, Lane 893 Changta Road, Songjiang District, Shanghai, China
Manufacture's name	:	All Best Technology Limited
Address	:	No.9 Yincheng 1st Road, Changan Town, Dongguan City, Guangdong Province
Product name	:	Bluetooth Speaker with Alarm Clock and Wireless Charging Function
Model name	:	D2qi,S1-qi,S1qi,S1-Qi,S1-QI,D2-qi,D2-WC,1100755
Standards	:	FCC CRF 47 PART 1，§1.1310
Test procedure	:	KDB 680106 v03 r01
Test Date	:	Nov.24-Dec.08 2021
Date of Issue	:	Dec.09 2021
Test Result	:	Pass

This device described above has been tested by PTC, and the test results show that the equipment under test (EUT) is in compliance with the FCC requirements. And it is applicable only to the tested sample identified in the report.
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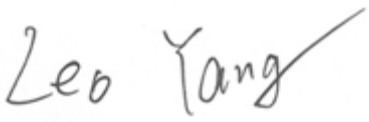
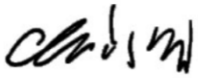
Test Engineer:



Leo Yang / Engineer

Technical Manager:



Chris Du /Manager

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2 Test Summary

Test	Test Requirement	Test Method	Limit / Severity	Result
RF Exposure	FCC CRF 47 PART 1, §1.1310	KDB 680106 v03 r01	1.1310	PASS

Remark:

N/A: Not Applicable

RF: In this whole report RF means Radio Frequency.

A.M. Amplitude Modulation.

P.M. Pulse Modulation.

2.1 Instrument list

Name of Equipment	Manufacturer	Model	Characteristics	Calibration Due	interval time
Exposure Level Tester	Narda	ELT-400	Aug. 21, 2021	Aug. 20, 2022	1 year
Field strength probe	Rrankonia	EP-601	Aug. 21, 2021	Aug. 20, 2022	1 year
Field meter	AR	FM5004	Aug. 21, 2021	Aug. 20, 2022	1 year

2.2 Support Units

Equipment	Model No.	Series No.
Mobile Phone	Samsung S9	N/A

3 TEST FACILITY

Precise Testing & Certification Co., Ltd

Address: Building 1, No. 6, Tongxin Road, Dongcheng Street, Dongguan, Guangdong, China

A2LA Certificate No.: 4408.01

FCC Registration Number: 790290

FCC Designation Number：CN1219

IC Registration Number: 12191A-1

CAB identifier: CN0080

4 General Information

4.1 General Description of E.U.T.

Product Name	:	Bluetooth Speaker with Alarm Clock and Wireless Charging Function
Model Name	:	D2qi,S1-qi,S1qi,S1-Qi,S1-QI,D2-qi,D2-WC,1100755
Operating frequency	:	110-205KHz
Antenna Type	:	Coil Antenna
Power supply	:	Model: W&T -AD1818A050300U Input: AC100-240V, 50/60Hz, 0.4A Output: DC 5V 3A 15W Model: GQ24-050300-AU Input: AC100-240V, 50/60Hz, 1A Output: DC 5V 3A 15W
Wireless charger	:	Rating output power:15W, 7.5W, 5W
Hardware Version	:	V01
Software Version	:	V01

Note: EUT was tested with empty load, half load and full load, the full load is the worst case and we listed the results in the report.

5 RF Exposure Evaluation

5.1 Limits

Limits for General Population/Uncontrolled Exposure

Frequency Range (MHz)	Electric Field Strength (E) (V/m)	Magnetic Field Strength (H) (A/m)	Power Density (S) (mW/cm^2)	Averaging Time $|E|^2$, $|H|^2$ or S (minutes)
0.3-1.34	614	1.63	(100)*	30
1.34-30	824/f	2.19/f	(180/f2)*	30
30-300	27.5	0.073	0.2	30
300-1500	--	--	f/150	30
1500-100,000	--	--	1.0	30

f = frequency in MHz *Plane-wave equivalent power density

KDB680106 D0 (3) (3) :

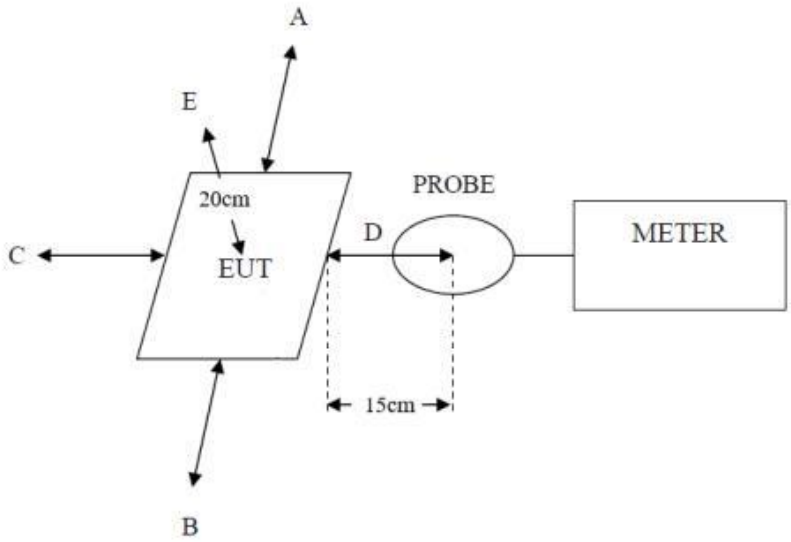
A. The RF exposure test was performed in anechoic chamber.

B. E and H field measurements should be made with the center of the probe at distance of 15cm surrounding the EUT and 20cm above the top surface of the primary/client pair.

C. The highest emission level was recorder and compared with limit.

D. The EUT was measured according to the dictates of KDB 680106 v03r01.

5.2 Test Configuration



5.3 RF Exposure test result

Temperature: 24˚C

Relative Humidity: 53%

EUT was tested with empty load, half load and full load, the full load is the worst case and we listed the results in the report.

Test result of Magnetic Field Strength:

Test Position	Test distance (cm)	Reading result (uT)	Test result (A/m)	50% Limit (A/m)	Limit (A/m)	Result
A: Right	15	0.0591	0.0473	0.815	1.63	Passed
B: Left	15	0.0595	0.0476	0.815	1.63	
C: Front	15	0.0664	0.0531	0.815	1.63	
D: Back	15	0.0859	0.0687	0.815	1.63	
E: Top	20	0.1134	0.0907	0.815	1.63	

Note:A/m=uT/1.25

Test result of Electric Field Strength:

Test Position	Test distance (cm)	Test result (V/m)	Limit (V/m)	Result
A: Right	15	2.33	614	Passed
B: Left	15	2.12	614	
C: Front	15	2.35	614	
D: Back	15	2.61	614	
E: Top	20	2.81	614	

5.4 Result appraise

(1) Power transfer frequency is less than 1 MHz

--Yes. it's 110-205KHz。

(2) Output power from each primary coil is less than or equal to 15 watts.

--Yes. It is max power 15W.

(3) The system may consist of more than one source primary coils, charging one or more clients. If more than one primary coil is present, the coil pairs may be powered on at the same time.

--it is only one source primary coils.

(4) Client device is placed directly in contact with the transmitter.

--Yes.Client device is placed directly.

(5) Mobile exposure conditions only (portable exposure conditions are not covered by this exclusion).

--Yes.it is mobile production.

(6) The aggregate H-field strengths anywhere at or beyond 15 cm surrounding the device, and 20 cm away from the surface from all coils that by design can simultaneously transmit, and while those coils are simultaneously energized, are demonstrated to be less than 50% of the applicable MPE limit.

--Yes, it is meet the requirement.

6 Test Photo

********THE END REPORT********