FCC TEST REPORT

FCC ID: 2BMIE-AS-43

Product	:	Speaker
Model Name	:	AS-43
Brand	:	AORS
Report No.	:	PTC24090416501E-FC02

Prepared for

Shenzhen Plack Audio Co.,Ltd

Room 201, Building H, JunXuan Technology Park, No.16 YinKui Road, KuiChong Town, DaPeng New District, Shenzhen City

Prepared by

Precise Testing & Certification Co., Ltd.

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TEST RESULT CERTIFICATION

Applicant's name	:	Shenzhen Plack Audio Co.,Ltd
Address	:	Room 201, Building H, JunXuan Technology Park, No.16 YinKui Road, KuiChong Town, DaPeng New District, Shenzhen City
Manufacture's name	:	Shenzhen Plack Audio Co.,Ltd
Address	:	Room 201, Building H, JunXuan Technology Park, No.16 YinKui Road, KuiChong Town, DaPeng New District, Shenzhen City
Product name	:	Speaker
Model name	:	AS-43
Serial model	:	AS-43MK1, AS-43MK2, AS-43MK3
Standards	:	FCC CFR47 Part 15 Section 15.247
Test procedure	:	ANSI C63.10:2013
Test Date	:	Oct. 21, 2024 to Nov. 08, 2024

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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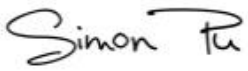
Test Engineer:

Jack zhou / Engineer

Technical Manager:



Simon Pu / Manager

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2 Test Summary

Test Items	Test Requirement	Result
Maximum Permissible Exposure (Exposure of Humans to RF Fields)	15.247 (i)	PASS
Remark:		
N/A: Not Applicable		

3 General Information

3.1 General Description of E.U.T.

Product Name	:	Speaker
Model Name	:	AS-43
Serial model	:	AS-43MK1, AS-43MK2, AS-43MK3
Differences Description	:	The model name and appearance color are different
Specification	:	BDR+EDR
Operation Frequency	:	2402-2480MHz
Number of Channel	:	79 channels for BDR+EDR
Type of Modulation	:	GFSK, Π/4-DQPSK,8DPSK For DSS
Antenna installation	:	PCB antenna
Antenna Gain	:	0 dBi
Rated Power Supply	:	AC100-240V 50Hz/60Hz
Hardware Version	:	N/A
Software Version	:	N/A
Test sample No.	:	PTC24090416501E-1/2,PTC24090416501E-2/2.

4 RF Exposure

Test Requirement : FCC Part 1.1307(b)(1)

Evaluation Method : KDB 447498 D01 General RF Exposure Guidance v06

4.1 Requirements

Systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy levels in excess limit for maximum permissible exposure. In accordance with 47 CFR FCC Part 2 Subpart J, section 2.1091 this device has been defined as a mobile device whereby a distance of 0.2 m normally can be maintained between the user and the device.

4.2 The procedures / limit

(A) Limits for Occupational / Controlled Exposure

Frequency Range	Electric Field	Magnetic Field	Power Density (S)	Averaging Time
0.3-3.0	614	1.63	(100)*	6
3.0-30	1842 / f	4.89 / f	(900 / f)*	6
30-300	61.4	0.163	1.0	6
300-1500			F/300	6
1500-100,000			5	6

(B) Limits for General Population / Uncontrolled Exposure

Frequency Range	Electric Field	Magnetic Field	Power Density (S)	Averaging Time
0.3-1.34	614	1.63	(100)*	30
1.34-30	824/f	2.19/f	(180/f)*	30
30-300	27.5	0.073	0.2	30
300-1500			F/1500	30
1500-100,000			1.0	30

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

4.3 MPE Calculation Method

E (V/m) = $\frac{\sqrt{30 \times P \times G}}{d}$ Power Density: Pd (W/m²) = $\frac{E^2}{377}$

E = Electric field (V/m)

P = Peak RF output power (W)

G = EUT Antenna numeric gain (numeric)

d = Separation distance between radiator and human body (m)

The formula can be changed to

Pd = $\frac{30 \times P \times G}{377 \times d^2}$ θφ

From the peak EUT RF output power, the minimum mobile separation distance, d=0.2m, as well as the gain of the used antenna, the RF power density can be obtained

4.4 Test Result

Test Mode	Frequency(MHz)	Antenna Gain (numeric)	Max. Peak Output Power (dBm)	Tune up tolerance (dBm)	Max Tune Up Power (mW)	Power Density (mW/cm2)	Limit of Power Density (mW/cm2)	Result
BR+EDR	2480	1.00	7.07	7.07±1	6.41209577	0.0012756	1	Pass

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