FCC TEST REPORT

FCC ID:2A9MWYX-888

Product	:	Desktop Bluetooth speaker
Model Name	:	JZ-V720
Brand	:	N/A
Report No.	:	PTC22083003101E-FC02

Prepared for

Dongguan jingzhi Electronic Technology Co., LTD

No.37, Banxianshan Park Road, Hengli Town, Dongguan City

Prepared by

Precise Testing & Certification Co., Ltd

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

1. TEST RESULT CERTIFICATION

Applicant's name	:	Dongguan jingzhi Electronic Technology Co., LTD
Address	:	No.37, Banxianshan Park Road, Hengli Town, Dongguan City
Manufacture's name	:	Dongguan jingzhi Electronic Technology Co., LTD
Address	:	No.37, Banxianshan Park Road, Hengli Town, Dongguan City
Product name	:	Desktop Bluetooth speaker
Model name	:	JZ-V720
Test procedure	:	KDB 447498 D01 General RF Exposure Guidance v06
Test Date	:	Dec. 07, 2022 to Dec. 12, 2022
Date of Issue	:	Dec. 19, 2022
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:

Simon Pu / Engineer

Technical Manager:

Ronnie Liu / Manager

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2 Test Summary

Test Items	Test Requirement	Result
Maximum Permissible Exposure (Exposure of Humans to RF Fields)	1.1307(b)(1)	PASS
Remark:		
N/A: Not Applicable		

3 General Information

3.1 General Description of E.U.T.

Product Name	:	Desktop Bluetooth speaker
Model Name	:	JZ-V720
Additional model	:	Q1,Q2,Q3,Q4,Q5,Q6,Q7,Q8,Q9,Q10,Q11,Q12,Q13,Q14,Q18, Q20,A20,A21,A23, A25,A28,GS500,GS510,GS520,GS530,GS550,GS560,GS570,GS580,GS590,GS600,GS610,GS620,GS630,GS650,GS700 GS710,GS720,GS730,GS740,GS750,AG-202,203,204,205,206,207,208,209/SS-201,202,203,204,205,206,207,208,209
Additional model	:	The model name is different, the product appearance color is different
Specification	:	BT 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	:	1.68 dBi
Rated Power Supply	:	Input: DC5V/1A
Hardware Version	:	AB CHEC14B9B
Software Version	:	MD8403

4 RF Exposure

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

Evaluation Method : FCC Part 2.1091

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

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

Item	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
EDR	1.47	4.71	4.71±1	3.723917	0.001091	1	Pass

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