


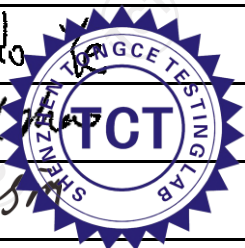


TEST REPORT

FCC ID.....:	2AUOM-S8BT	
Test Report No.:	TCT220920E039	
Date of issue	Oct. 08, 2022	
Testing laboratory.....:	SHENZHEN TONGCE TESTING LAB	
Testing location/ address:	2101 & 2201, Zhenchang Factory Renshan Industrial Zone, Fuhai Subdistrict, Bao'an District, Shenzhen, Guangdong, 518103, People's Republic of China	
Applicant's name	SHENZHEN NEWADIN TECHNOLOGY CO., LIMITED	
Address	301, paotai road, 1st industry, lisongmeng community, gongming street, guangming district, shenzhen, China	
Manufacturer's name	SHENZHEN NEWADIN TECHNOLOGY CO., LIMITED	
Address	301, paotai road, 1st industry, lisongmeng community, gongming street, guangming district, shenzhen, China	
Standard(s).....:	FCC CFR Title 47 Part 2.1091	
Product Name	Vibration Speaker	
Trade Mark.....:	Adin	
Model/Type reference	S8BT	
Rating(s)	DC 5V	
Date of receipt of test item	Sep. 20, 2022	
Date (s) of performance of test	Sep. 19, 2022 - Oct. 08, 2022	
Tested by (+signature).....:	Onnado YE	
Check by (+signature)	Beryl ZHAO	
Approved by (+signature):	Tomsin	



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1. General Product Information

1.1. EUT description

Test item description	Vibration Speaker
Model/Type reference.....	S8BT
Sample Number.....	TCT220920E023-0101
Operation Frequency	2402MHz~2480MHz
Modulation Type	GFSK, $\pi/4$ -DQPSK, 8DPSK
Antenna Type.....	PCB Antenna
Antenna Gain.....	1dBi
Rating(s).....	DC 5V

Note: The antenna gain listed in this report is provided by applicant, and the test laboratory is not responsible for this parameter.

1.2. Model(s) list

None.

2. Facilities and Accreditations

2.1. Facilities

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

- FCC - Registration No.: 645098
SHENZHEN TONGCE TESTING LAB
Designation Number: CN1205

The testing lab has been registered and fully described in a report with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files.

- IC - Registration No.: 10668A-1
SHENZHEN TONGCE TESTING LAB
CAB identifier: CN0031

The testing lab has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing.

2.2. Location

SHENZHEN TONGCE TESTING LAB

Address: 2101 & 2201, Zhenchang Factory Renshan Industrial Zone, Fuhai Subdistrict, Bao'an District, Shenzhen, Guangdong, 518103, People's Republic of China

TEL: +86-755-27673339

3. Test Results and Measurement Data

The criteria listed in the following table shall be used to evaluate the environment impact of human exposure to radio frequency (RF) radiation as specified in 1.1307(b), Limits for Maximum Permissible Exposure (MPE),

Frequency range (MHz)	Electric field strength(V/m)	Magnetic field strength (A/m)	Power density (mW/cm ²)	Averaging time (minutes)
(A) Limits for Occupational/Controlled Exposures				
0.3-3.0	614	1.63	*(100)	6
3.0-30	1842/f	4.89/f	*(900/f ²)	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				
0.3-1.34	614	1.63	*(100)	30
1.34-30	824/f	2.19/f	*(180/f ²)	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

EVALUATION METHOD

Transmission formula: $Pd = (Pout * G) / (4 * \pi * r^2)$

Where

Pd = power density in mW/cm², **Pout** = output power to antenna in mW, **G** = gain of antenna in linear scale;

Pi = 3.1416, **R** = distance between observation point and center of the radiator in cm

Assessment Result

Passed **Not Applicable**

Frequency range (MHz)	Type	Conducted Power (dBm)	Maximum Tune-up (dBm)	Power Density (mW/cm ²)	Limit (mW/cm ²)	Result
2402-2480	BT-EDR	1.28	2.00	0.0004	1.0000	Pass

Note: The exposure evaluation safety distance is 20cm.

*******END OF REPORT*******