

TEST REPORT				
FCC ID::	2APP6ADX-30			
Test Report No::	TCT220516E022			
Date of issue::	Jun. 16, 2022			
Testing laboratory:	SHENZHEN TONGCE TESTING	G LAB		
Testing location/ address:	TCT Testing Industrial Park Fuq Street, Bao'an District Shenzher Republic of China			
Applicant's name:	Aroma Music Co., Ltd.			
Address::	203, No. 93 Qianjin 2nd Road, A Xixiang Town, Baoan District, S 518000 China	·	•	
Manufacturer's name:	Aroma Technology Co., Limited			
Address:	Building A, Aroma Park, Guwu Village, Danshui Town, Huiyang District, Huizhou, Guangdong 516200 China			
Standard(s):	FCC CFR Title 47 Part 1.1307			
Product Name::	E-DRUMS AMP			
Trade Mark:	AROMA		(S)	
Model/Type reference:	ADX-30			
Rating(s)::	AC 120V/60Hz			
Date of receipt of test item	May 16, 2022			
Date (s) of performance of test:	May 16, 2022 - Jun. 16, 2022	(a	(3)	
Tested by (+signature):	Onnado YE	Onrado Jano	CETA	
Check by (+signature):	Beryl ZHAO	Boy Comp	CT) SUIT	
Approved by (+signature):	Tomsin	Tomsies	847	

General disclaimer:

This report shall not be reproduced except in full, without the written approval of SHENZHEN TONGCE TESTING LAB. This document may be altered or revised by SHENZHEN TONGCE TESTING LAB personnel only, and shall be noted in the revision section of the document. The test results in the report only apply to the tested sample.

Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com

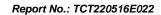




Table of Contents

1.1 1.2 2. Ge 2.1 2.2 3. Fa	eneral Pro EUT deso Model(s) eneral Info Test envi Descripti cilities au	cription listormation ironment a ion of Sup nd Accre	and mode. port Units			3444
3.2	. Facilities 2. Location est Result					
4. Te	est Kesuit	s and Me	easureme	ent Data .		 o



Report No.: TCT220516E022

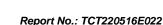
1. General Product Information

1.1. EUT description

Product Name:	E-DRUMS AMP	(6)		(C)
Model/Type reference:	ADX-30			
Sample Number:	TCT220516E021-0101			
Operation Frequency:	2402MHz~2480MHz		(6)	
Modulation Type:	GFSK, π/4-DQPSK			
Antenna Type:	PCB Antenna	(C)		(C)
Antenna Gain:	-0.68dBi			
Rating(s):	AC 120V/60Hz		(3)	

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

this parameter. 1.2. Model(s) list None.





2. General Information

2.1. Test environment and mode

Item	Normal condition			
Temperature	+25°C			
Voltage	AC 120V/60Hz			
Humidity	56%			
Atmospheric Pressure:	1008 mbar			
Test Mode:				
Engineering mode:	Keep the EUT in continuous transmitting by select channel			

2.2. Description of Support Units

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Equipment	Model No.	Serial No.	FCC ID	Trade Name
/			1	1

Note:

- 1. All the equipment/cables were placed in the worst-case configuration to maximize the emission during the test.
- 2. Grounding was established in accordance with the manufacturer's requirements and conditions for the intended use.
- 3. For conducted measurements (Output Power, 20dB Occupied Bandwidth, Carrier Frequencies Separation, Hopping Channel Number, Dwell Time, Spurious Emissions), the antenna of EUT is connected to the test equipment via temporary antenna connector, the antenna connector is soldered on the antenna port of EUT, and the temporary antenna connector is listed in the Test Instruments.



Page 4 of 6



NTRE TECHNOLOGY Report No.: TCT220516E022

3. Facilities and Accreditations

3.1. 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.

3.2. Location

SHENZHEN TONGCE TESTING LAB

Address: TCT Testing Industrial Park Fuqiao 5th Industrial Zone, Fuhai Street, Bao'an

District Shenzhen, Guangdong, 518103, People's Republic of China

TEL: +86-755-27673339





Report No.: TCT220516E022

4. Test Results and Measurement Data

According to §1.1307(b), systems operating under the provisions of this section shall be operated in a manner that ensure that the public is not exposed to radio frequency energy level in excess of the Commission's guideline.

Remark: 1) The maximum output power for antenna is 3.64dBm (2.31mW) at 2402MHz, -0.68dBi antenna gain(with 0.86 numeric antenna gain.)

2) For mobile or fixed location transmitters, no SAR consideration applied. The minimum separation generally be used is at least 20cm, even if the calculation indicate that the MPE distance would be lesser.

Calculation

Given

$$E = \sqrt{\frac{30 \times P \times G}{d}} \quad \& \quad S = \frac{E^2}{3770}$$

Where

E = Field Strength in Volts / meter

P = Power in Watts

G=Numeric antenna gain

d=Distance in meters

S=Power Density in milliwatts / square centimeter

Maximum Permissible Exposure

output power= 2.31mW

Numeric Antenna gain= 0.86

Substituting the MPE safe distance using d=20cm into above equation.

Yields:

S=0.000395*P*G

Where P=Power in mW

G=Numeric antenna gain

S=Power density in mW/cm2

Power density= 0.000777mW/cm2

(For mobile or fixed location transmitters, the maximum power density is 1.0 mW/cm² even if the calculation indicates that the power density would be larger.)

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

Page 6 of 6

Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com