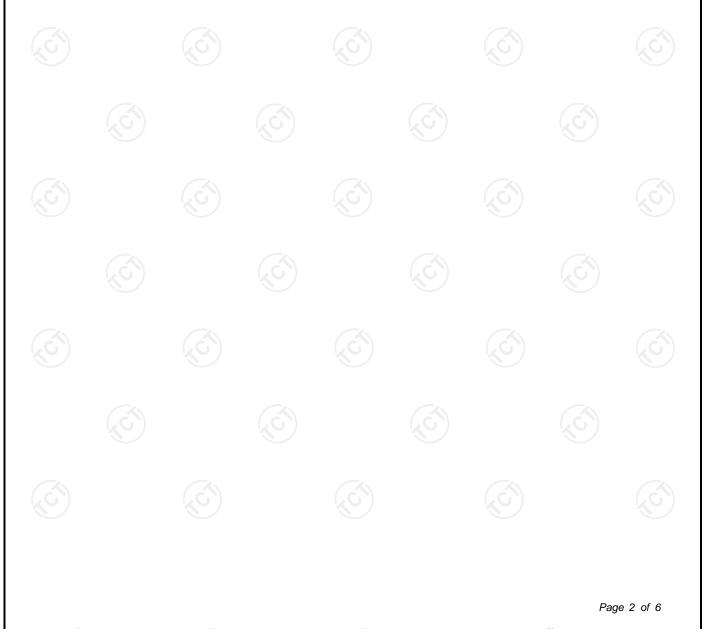
TCT通测检 TESTING CENTRE TEC				
	TEST REPOR	Т		
FCC ID	2AJA3LY-WS08E			
Test Report No:	TCT220218E023			
Date of issue:	Mar. 09, 2022			
Testing laboratory::	SHENZHEN TONGCE TESTING	G LAB		
Testing location/ address:	TCT Testing Industrial Park Fuqiao 5th Industrial Zone, Fuhai Street, Bao'an District Shenzhen, Guangdong, 518103, People's Republic of China			
Applicant's name::	GUANGDONG LEIYON INTELL	LIGENCE TECHNOLOGY CORP.		
Address:	BBK Road of Wusha, Changan province, 523860 China	town, Dongguan city, Guangdong		
Manufacturer's name :	GUANGDONG LEIYON INTELLIGENCE TECHNOLOGY CORP.			
Address:	BBK Road of Wusha, Changan town, Dongguan city, Guangdong province, 523860 China			
Standard(s):	FCC CFR Title 47 Part 1.1307			
Product Name:	Karaoke Machine			
Trade Mark:	LEIYON, STARUMENT			
Model/Type reference :	LY-WS08E, STARPRO-MS500			
Rating(s):	Adapter Information: MODEL: XSD-0901500NUSD INPUT: AC 100-240V, 50/60Hz, 0.5A Max OUTPUT: DC 9V, 1500mA Rechargeable Li-ion Battery DC 7.4V			
Date of receipt of test item	Feb. 18, 2022			
Date (s) of performance of test:	Feb. 18, 2022 ~ Mar. 09, 2022			
Tested by (+signature) :	Onnado YE	Onnado Jengeera		
Check by (+signature) :	Beryl ZHAO	Boy Creer Tor		
Approved by (+signature):	Tomsin	Tomsit's st		

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Report No.: TCT220218E023

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



1. General Product Information

1.1. EUT description

Product Name:	Karaoke Machine		(\mathbf{c}^{*})
Model/Type reference:	LY-WS08E		
Sample Number:	TCT220218E022-0101		
Operation Frequency:	2402MHz~2480MHz	S	
Modulation Type:	GFSK, π/4-DQPSK, 8DPSK		
Antenna Type:	PCB Antenna		
Antenna Gain:	0.5dBi		\bigcirc
Rating(s):	Adapter Information: MODEL: XSD-0901500NUSD INPUT: AC 100-240V, 50/60Hz, 0.5A Max OUTPUT: DC 9V, 1500mA Rechargeable Li-ion Battery DC 7.4V		

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

No.	Model No.				Test	Tested with	
1	1 LY-WS08E				\boxtimes		
Other models	(5)	STAR	PRO-MS5	00	(3)		
	is tested model, ot different on the mo odels.						
	S)						
						Pa	ge 3 of 6

2. General Information

2.1. Test environment and mode

ltem	Normal condition			
Temperature		+25°C		
Voltage	(c	DC 7.4\	/	
Humidity		56%		
Atmospheric Pressure:		1008 mb	ar 🟑	R ^C
Test Mode:				
Engineering mode:	Keep the	EUT in continuous trans	smitting by se	elect 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
/		L	1	1
Mater				

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.

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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





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 1.215dBm (1.32mW) at 2480MHz, 0.5dBi antenna gain (with 1.12 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 $\sqrt{30 \times P \times G}$ Given E =& S = d Where E = Field Strength in Volts / meter P = Power in WattsG=Numeric antenna gain d=Distance in meters S=Power Density in milliwatts / square centimeter Maximum Permissible Exposure output power= 1.32mW Numeric Antenna gain= 1.12 Substituting the MPE safe distance using d=20cm into above equation. Yields: S=0.000199*P*G Where P=Power in mW G=Numeric antenna gain S=Power density in mW/cm² Power density= 0.000294mW/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*****