TCT通测检测 TESTING CENTRE TECHNOLOGY						
	TEST REPOR	Т				
FCC ID	2AFSG-S207					
Test Report No:	TCT230316E017					
Date of issue:	Apr. 27, 2023					
Testing laboratory:	SHENZHEN TONGCE TESTING	G LAB				
Testing location/ address:	2101 & 2201, Zhenchang Factor Fuhai Subdistrict, Bao'an District 518103, People's Republic of Ch	t, Shenzhen, Guangdong,				
Applicant's name::	Dongguan Jin wen hua digital te	chnology Co., LTD.				
Address:	NO.1 Hua Da Road, Long Bei Ling Village, Tangxia Town, Dongguan City, Guangdong, China					
Manufacturer's name :	Dongguan Jin wen hua digital ter	Dongguan Jin wen hua digital technology Co., LTD.				
Address:	NO.1 Hua Da Road, Long Bei Ling Village, Tangxia Town, Dongguan City, Guangdong, China					
Standard(s):	KDB 447498 D01 General RF Exposure Guidance v06					
Product Name::	Magic Arm					
Trade Mark:	N/A					
Model/Type reference :	S207					
Rating(s):	Rechargeable Li-ion Battery DC 3.7V					
Date of receipt of test item	Mar. 16, 2023					
Date (s) of performance of test:	Mar. 16, 2023 - Apr. 27, 2023					
Tested by (+signature) :	Yannie ZHONG	Yannie Zhreengoere				
Check by (+signature) :	Beryl ZHAO	Boy 20 TCT				
Approved by (+signature):	Tomsin	Toms in 30 3				

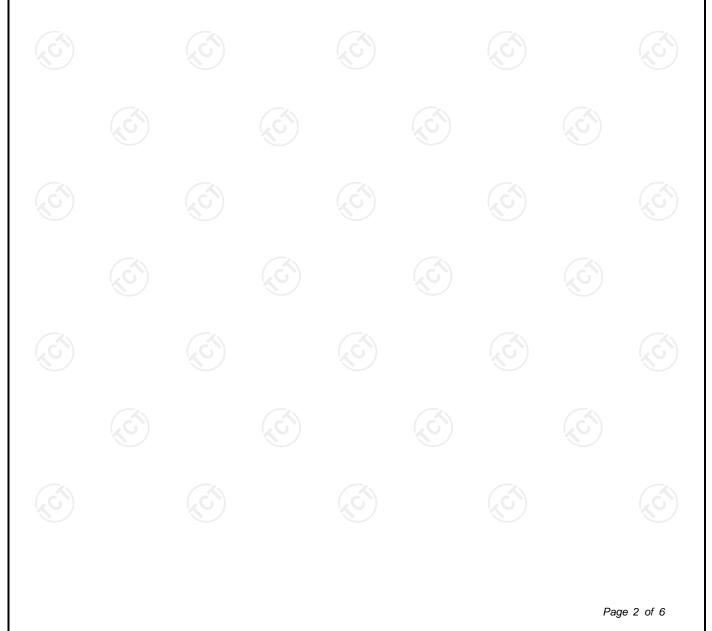
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Table of Contents

1.	General Product Information			
	1.1. EUT description	<u>(0)</u>		
	1.2. Model(s) list			3
2.	General Information			4
	2.1. Test environment and mode	\sim	\sim	4
	2.2. Description of Support Units			
3.	Facilities and Accreditations			5
	3.1. Facilities			5
	3.2. Location			5
4.	Test Results and Measurement Data	$(\mathbf{x}\mathbf{G})$	<u>(xG`)</u>	6





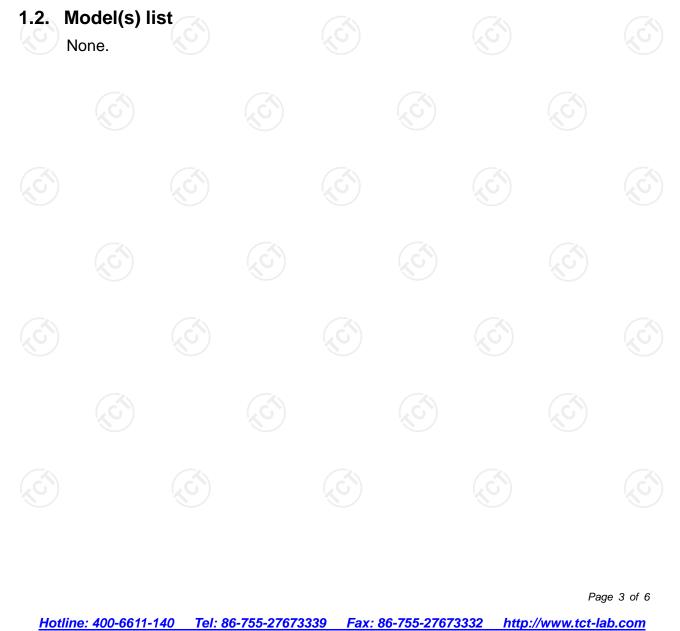
1. General Product Information

1.1. EUT description

Product Name:	Magic Arm	$(\mathbf{c}^{\mathbf{t}})$		(\mathbf{c}^{*})
Model/Type reference:	S207			
Sample Number	TCT230316E016-0101			
Operation Frequency:	2402MHz~2480MHz		No.	
Modulation Type:	GFSK, π/4-DQPSK, 8DPSK			
Antenna Type:	PCB Antenna			
Antenna Gain:	-0.58dBi			
Rating(s):	Rechargeable Li-ion Battery DC	3.7V		

Report No.: TCT230316E017

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



Report No.: TCT230316E017

2. General Information

2.1. Test environment and mode

ltem	Normal condition				
Temperature		+25°C			
Voltage		DC 3.7V	(c		
Humidity		56%			
Atmospheric Pressure:		1008 mbar		(C	
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		1	1	
	KU)		KO)	20	

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.

Report No.: TCT230316E017



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: 2101 & 2201, Zhenchang Factory, Renshan Industrial Zone, Fuhai Subdistrict, Bao'an District, Shenzhen, Guangdong, 518103, People's Republic of China TEL: +86-755-27673339



4. Test Results and Measurement Data

According to KDB 447498 D01 General RF Exposure Guidance v06, 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 level in excess of the commission's guidance.

The 1-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances \leq 50 mm are determined by:

[(max. power of channel, including tune-up tolerance, mW) / (min. test separation distance, mm)] $\cdot [\sqrt{f}(GHz)] \le 3.0$ for 1-g SAR, where

- f(GHz) is the RF channel transmit frequency in GHz
- Power and distance are rounded to the nearest mW and mm before calculation When the minimum test separation distance is < 5 mm, a distance of 5 mm
 - according is applied to determine SAR test exclusion.
- The result is rounded to one decimal place for comparison
- BDR+EDR:

Channel	Frequency (GHz)	Max. Power (dBm)	Tune up Power (dBm)	Max. Tune up Power (dBm)	Max. Tune up Power (mW)	Test distance (mm)	Result	exclusion thresholds for 1-g SAR	
CH 78	2.480	-2.76	-3±1	-2	0.63	5	0.20	3.0	

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

Result:

Base on the calculation value, No SAR measurement is required.