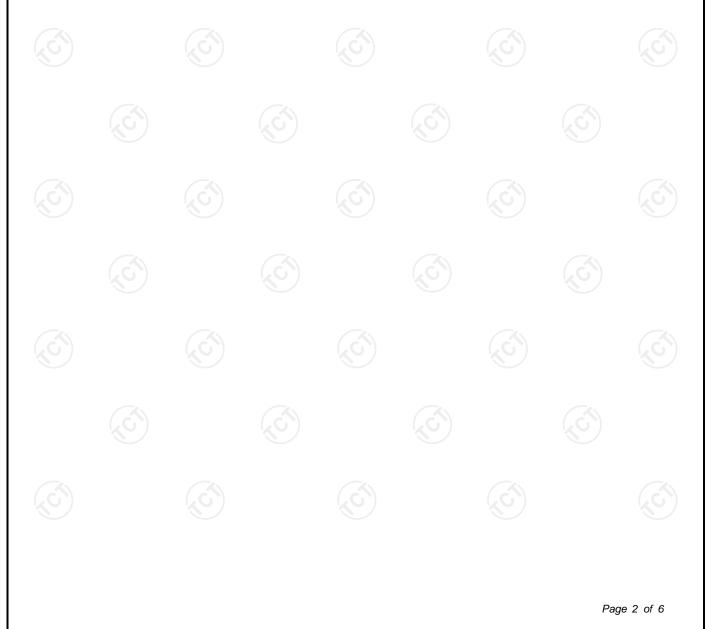
TCT通测检测 TEST REPORT						
Test Report No:	TCT231212E014	Ċ	6			
Date of issue:	Jan. 17, 2024	<i>C</i>				
Testing laboratory:	SHENZHEN TONGCE	TESTING LAB				
Testing location/ address:	2101 & 2201, Zhenchang Factory Renshan Industrial Zone, Fuhai Subdistrict, Bao'an District, Shenzhen, Guangdong, 518103, People's Republic of China					
Applicant's name: :	Shenzhen Kaiyan Medi	cal Equipment Co	o., Ltd			
Address:	Building#3 and Building#5, 40th of Fuxin Street, Huaide Community Fuyong Town, Baoan District, Shenzhen, Guangdong, 518103 China					
Manufacturer's name :	Shenzhen Kaiyan Medi	cal Equipment Co	o., Ltd			
Address::	Building#3 and Building#5, 40th of Fuxin Street, Huaide Community Fuyong Town, Baoan District, Shenzhen, Guangdong, 518103 China					
Standard(s):	KDB 447498 D01 General RF Exposure Guidance v06					
Product Name::	Lumaflex Panel					
Trade Mark:	Lumaflex	$\left(\mathcal{C} \right)$				
Model/Type reference :	ZLD-05					
Rating(s):	Rechargeable Li-ion Ba	ttery DC 3.7V				
Date of receipt of test item	Dec. 12, 2023					
Date (s) of performance of test:	Dec. 12, 2023 - Jan. 17	, 2024	S			
Tested by (+signature) :	Yannie ZHONG	Yanni	e Zoonece			
Check by (+signature) :	Beryl ZHAO	Boyl	TCT			
Approved by (+signature):	Tomsin	Tom	STATES BY			
General disclaimer: This report shall not be repr TONGCE TESTING LAB. Th						

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Report No.: TCT231212E014

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

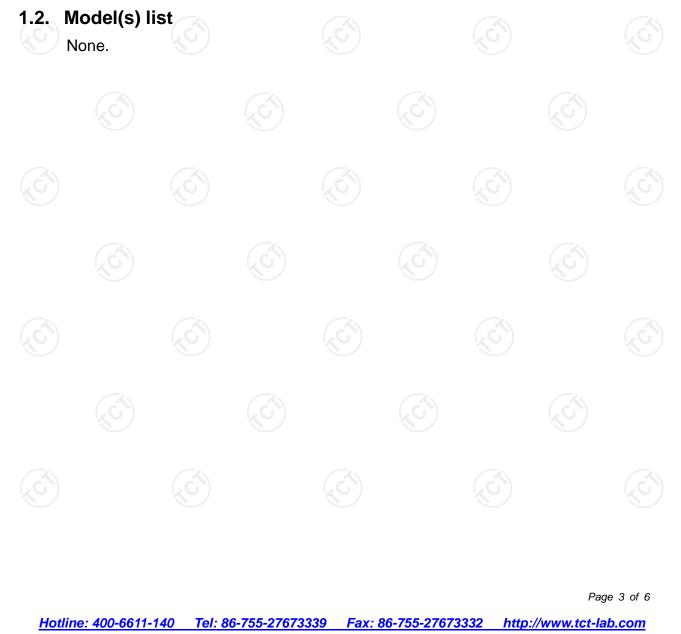


1. General Product Information

1.1. EUT description

Product Name:	Lumaflex Panel	(\mathbf{c}^{\star})		(\mathbf{c}^{*})
Model/Type reference:	ZLD-05			
Sample Number:	TCT231212E013-0101			
Operation Frequency:	2402MHz~2480MHz		No.	
Modulation Type:	GFSK			
Antenna Type:	PCB Antenna			
Antenna Gain:	-6.63dBi			
Rating(s):	Rechargeable Li-ion Battery DC	3.7V		

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



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2. General Information

2.1. Test environment and mode

ltem		Normal condition	on	
Temperature		+25ºC		
Voltage		DC 3.7V		
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
/		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: 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

RI	E.

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 39	2.480	4.62	4±1	5	3.16	5	1.00	3.0	

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

Result:

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