

	TEST REPO	RT					
FCC ID::	2A8Y5-TIKTAALIK						
Test Report No::	TCT221008E018						
Date of issue::	Oct. 17, 2022						
Testing laboratory:	SHENZHEN TONGCE TES	TING LAB					
Testing location/ address:	2101 & 2201, Zhenchang Fa Subdistrict, Bao'an District, People's Republic of China	, ·					
Applicant's name::	CT5 Inc.						
Address:	#307 Tower A 46, Dallaenae Gyeonggi-do, South Korea	e-ro, Sujeong-gu, Seong	gnam-si,				
Manufacturer's name:	CT5 Inc.	CT5 Inc.					
Address:	#307 Tower A 46, Dallaenae Gyeonggi-do, South Korea	e-ro, Sujeong-gu, Seong	gnam-si,				
Standard(s):	KDB 447498 D01 General RF Exposure Guidance v06						
Product Name::	TIKTAALIK MIC+	(0)	(0)				
Trade Mark:	N/A						
Model/Type reference:	TIKTAALIK MIC+	ci) (ci					
Rating(s):	Rechargeable Li-ion Battery	DC 3.7V					
Date of receipt of test item	Oct. 08, 2022	(3)	(3)				
Date (s) of performance of test:	Oct. 08, 2022 - Oct. 17, 202	2					
Tested by (+signature):	Yannie ZHONG	Yannie Toneca					
Check by (+signature):	Beryl ZHAO	Boy C TO	TING				
Approved by (+signature):	Tomsin	Tomsine					

General disclaimer:

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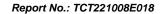




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1. General Product Information

1.1. EUT description

Product Name:	TIKTAALIK MIC+		
Model/Type reference:	TIKTAALIK MIC+		
Sample Number:	TCT221008E007-0101		
Operation Frequency:	2402MHz~2480MHz	(20)	
Modulation Type:	For BT: GFSK, π/4-DQPSK, 8DPSK For BLE: GFSK		
Antenna Type:	PCB Antenna		
Antenna Gain:	3.5dBi		
Rating(s):	Rechargeable Li-ion Battery DC 3.7V	((C))	

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	DC 3.7V					
Humidity	56%					
Atmospheric Pressure:	1008 mbar					
Test Mode:						
Engineering mode:	Keep the EUT in continuous transmitting by select channel					

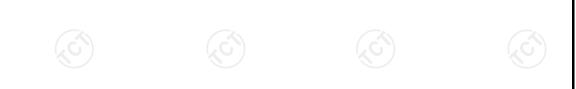
2.2. Description of Support Units

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	Equipment Model No.		FCC ID	Trade Name	
1			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.





TESTING CENTRE TECHNOLOGY Report No.: TCT221008E018

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.

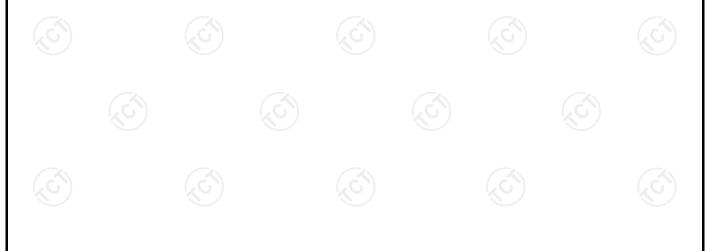
3.2. Location

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





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4. Test Results and Measurement Data

According to § 15.247(i) and § 1.1307b(1), 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 ≤ 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 39	2.441	2.57	2±1	3	2.00	5	0.62	3.0

· BLE:

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 19	2.440	-3.31	-3±1	-2	0.63	5	0.20	3.0

Result:

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

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

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