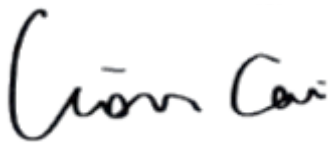


TEST REPORT

Application No.: BTEK241218089A01-T01
Applicant: RAYOUNGTEK TECHNOLOGY CO., LIMITED
Address of Applicant: ROOM 09,27/F,HO KING COMMERCIAL CENTRE, 2-16 FA YUEN STREET,MONGKOK,KOWLOON HONG KONG
Manufacturer: Shenzhen NiaoNiao Technology Co., Ltd.
Address of Manufacturer: Room 308, No. 99, Langkou Industrial Park, Langkou Community, Dalang Street, Longhua District, Shenzhen
Equipment Under Test (EUT):
EUT Name: Handheld Terminal
Test Model.: N60
Adding Model(s): /
Trade Mark: RAYOUNGTEK
FCC ID: 2BMVS-N60
Standard(s) : 47 CFR Part 2 Subpart J Section 2.1093
447498 D01 General RF Exposure Guidance v06
Date of Receipt Sample(s): 2024-12-25
Date of Test: 2024-12-25 to 2025-01-06
Date of Issue: 2025-01-06

Test Result:	Pass*
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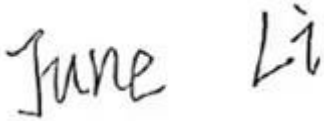
* In the configuration tested, the EUT complied with the standards specified above.



Lion Cai/ Approved & Authorized
EMC Laboratory Manager



Revision Record			
Version	Issue Date	Revisions	Remarks
V0	2025-01-06	Initial	Valid

Authorized for issue by			
			
		Karl Liu / File Editor	
			
		June Li/Reviewer	

Remarks:

The results shown in this test report refer only to the sample(s) tested, this test report cannot be reproduced, except in full without prior written permission of the company. The report would be invalid without specific stamp of test institute and the signatures of compiler and approver.



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3 General Information

3.1 Details of E.U.T.

Power supply:	USB ADAPTER Model:CY-0520 Input:AC100-240V 50/60Hz Output: DC 5V 2000mA to Charge Dock Charge Dock DC 5V 2A to handset Handset Li-ion Battery:PL584364P Nominal Voltage: 3.8V Charging Limit Voltage:4.35V Nominal Capacity:4300mAh 16.34Wh
BLE	
Frequency Range:	2402MHz to 2480MHz
Bluetooth Version:	V5.3
Modulation Type:	GFSK
Number of Channels:	40
Antenna Type:	PIFA Antenna
Antenna Gain:	2 dBi
BT	
Frequency Range:	2402MHz to 2480MHz
Bluetooth Version:	V5.3
Modulation Type:	GFSK, $\pi/4$ DQPSK,8DPSK
Number of Channels:	79
Channel Spacing:	1MHz
Antenna Type:	PIFA Antenna
Antenna Gain:	2 dBi
2.4G WIFI	
Support Standards:	802.11b, 802.11g, 802.11n-HT20,802.11n-HT40
Frequency Range:	2412-2462MHz for 802.11b/g/n(HT20) 2422-2452MHz 802.11b/g/n(HT40)
Type of Modulation:	802.11b: DSSS; 802.11g/n: OFDM
Quantity of Channels	11 for 802.11b/g/n(HT20) 7 for 802.11n(HT40)
Channel Separation:	5MHz
Type of Antenna:	PIFA Antenna
Sample No.:	BTEK241218089A01-1-1/4
Model(s) Difference Statement	☒ Singel Model.
	☐ Multi-Models:

3.2 Description of Support Units

Description	Manufacturer	Model No.	Serial No.
/	/	/	/

3.3 Test Location

All tests were performed at:
Shenzhen BANTEK Testing Co., Ltd.,

ShenZhen BANTEK Testing Co.,Ltd.

Add : A5&A6, Building B1&B2, No.45 Gangtou Road, Bogang Community, Shajing Street

Bao'an District, Shenzhen, Guangdong, China 518104

Tel : +(86)755-2334 4200

E-mail : Service@btek-lab.com

Web : www.btek-lab.com



A5&A6, Building B1&B2, No.45 Gangtou Road, Bogang Community, Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518103

Tel: 0755-2334 4200 Fax: 0755-2334 4200

FCC Registration Number: 264293

Designation Number: CN1356

No tests were sub-contracted.

3.4 Deviation from Standards

None

3.5 Abnormalities from Standard Conditions

None



4 Test Requirement

KDB447498 D01 General RF Exposure Guidance v06, Clause 4.3.1(b)

$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0$

Where

-f(GHz) is the RF channel transmit frequency in GHz

-Power and distance are rounded to the nearest mW and mm before calculation

-The test exclusions are applicable only when the minimum test separation distance is ≤ 50 mm, and for transmission frequencies between 100 MHz and 6 GHz. When the minimum test separation distance is < 5 mm, a distance of 5 mm according to 4.1 f) is applied to determine SAR test exclusion.

4.1 Assessment Result

☒ Passed ☐ Not Applicable

Type	Frequency (MHz)	Conducted Power (dBm)	Maximum Tune-up (dBm)	Calculating data	Limit	Result
BLE 2M	2440	-2.76	-2.5	0.17	3.0	Pass
BT Classic	2441	4.03	4.5	0.87	3.0	Pass
2.4G WIFI 802.11b	2462	9.44	9.5	2.76	3.0	Pass

Note: The exposure evaluation safety distance is 5mm.

- End of the Report -

