

Certificate of Test

NCT CO., LTD. 211-71, Geumgok-ro, Hwaseong-si, Gyeonggi-do, 18511, Republic of Korea (Tel: +82-31-323-6070 / Fax: +82-31-323-6071)	Report No.: NW2307-F002 Page (1) / (6)	NCT
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- Client**
 - Name : 76SOFT Co., LTD
 - Address : #217, 11-41, Simin-daero 327beon-gil, Dongan-gu, Anyang-si, Gyeonggi-do, Republic of Korea
 - Date of Receipt : 2023-06-15
- Use of Report** : FCC Certification
- Test Sample**
 - Description / Model : WEKKUK(SMART SCOREBAND) / 76WKS200
 - FCC ID : 2BB7X-76WKS200-1
- Place of Test** : ☒ Fixed test ☐ Field test
(Address:211-71, Geumgok-ro, Hwaseong-si, Gyeonggi-do, 18511, Republic of Korea)
- Date of Test** : 2023-06-19 ~ 2023-07-20
- Test method used** : FCC Part 1.1310
- Testing Environment** :
 - Temperature: (25 ± 5) °C, Humidity: Less than 75 % R.H.
 - * Unless specified otherwise in the individual methods, the tests were conducted on ambient conditions.
- Test Results** : Refer to the test results

The results shown in this test report refer only to the sample(s) tested unless otherwise stated.
This Test Report cannot be reproduced, except in full
This test report is not related to KOLAS recognition and RRA designation.

Affirmation	Tested by Ji-won Hong 	Technical Manager Changmin, Kim 
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Jul 28, 2023

NCT CO., LTD.



Contact us at report@nct.re.kr to confirm the authenticity of this report

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1. General Information's

1.1 Test Performed

Laboratory : NCT Co., Ltd.
Address : 211-71, Geumgok-ro, Hwaseong-si, Gyeonggi-do, 18511, Korea
Telephone : +82-31-323-6070
Facsimile : +82-31-323-6071
FCC Designation No. : KR0166
FCC Registration Number : 409631

2. Information's about Test Item

2.1 Applicant Information

Company name : 76SOFT Co., LTD
Address : #217, 11-41, Simin-daero 327beon-gil, Dongan-gu, Anyang-si, Gyeonggi-do, Republic of Korea
Telephone / Facsimile : +82-10-5020-7338 / +82-50-7535-7338

2.2 Equipment Under Test (EUT) description

Test item particulars : WEKKUK(SMART SCOREBAND)
Model and/or type reference : 76WKS200
Additional model name : -
Serial number : Prototype
Antenna type and gain : Chip Antenna with Max gain: 0.80 dBi
Date (s) of performance of tests: : 2023-06-19 ~ 2023-07-20
Date of receipt of test item : 2023-06-15
EUT condition : Pre-production, not damaged
Number of channel : 40
EUT Power Source : DC 3.70 V
Type of Modulation : GFSK
Firmware version : 1.0
Hardware version : 1.0
Test software name(version) : Tera Term

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2.3 Tested Frequency

Test Mode	Test frequency (MHz)		
	Low frequency	Middle frequency	High frequency
BLE 1M, 2M	2 402	2 440	2 480

3. Test Report

3.1 Test Report Version

Test Report No.	Date	Description
NW2307-F002	2023-07-28	Initial issue

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3.2 SAR Test Exclusion Considerations for FCC

Following FCC KDB 447498 D01 “General SAR test exclusion guidance” - 4.3.1 a)

a) For 100 MHz to 6 GHz and test separation distances ≤ 50 mm, the 1-g and 10-g SAR test exclusion thresholds are determined by the following:

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

$$[\sqrt{f(\text{GHz})}] \leq 3.0 \text{ for 1-g SAR, and } \leq 7.5 \text{ for 10-g extremity SAR, where}$$

- f(GHz) is the RF channel transmit frequency in GHz
- Power and distance are rounded to the nearest mW and mm before calculation
- The result is rounded to one decimal place for comparison

Modulation	Frequency (MHz)	Min. Test separation distance	Measured Maximum Average power	Tune-up tolerance	Max. Power with tune-up tolerance		Standalone SAR Test exclusion thresholds for 100MHz to 6GHz at test separation distance ≤ 50 mm	Limit	Result
		(mm)	(dBm)	(dB)	(dBm)	(mW)			
BT LE 1M	2402	5.00	2.29	± 0.50	2.79	1.90	0.59	3.00	PASS
	2440		2.31		2.81	1.91	0.60	3.00	PASS
	2480		1.81		2.31	1.70	0.54	3.00	PASS
BT LE 2M	2402	5.00	2.32	± 0.50	2.82	1.91	0.59	3.00	PASS
	2440		2.34		2.84	1.92	0.60	3.00	PASS
	2480		1.72		2.22	1.67	0.53	3.00	PASS

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