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TEST REPORT

Report No. : CQASZ20260701475E-03
Applicant: Shenzhen Lanshi Technology Co.,Ltd.
Address of Applicant: 7th Floor, Building A, Building 1, Ganfeng Technology Building, Bantian Street,
Longgang District, Shenzhen City, China
Equipment Under Test (EUT):
EUT Name: Smart Watch
Model No.: Cube, Cube Pro, Cube Ultra, Prime X, Luxor
Test Model No.: Cube
Brand Name: N/A
FCC ID: 2BEIE-CUBE
47 CFR Part 1.1307
Standards: 47 CFR Part 1.1310
KDB447498D01 General RF Exposure Guidance v06
Date of Receipt: 2026-07-06
Date of Test: 2026-07-06 to 2026-07-20
Date of Issue: 2026-07-21
Test Result : PASS

Tested By:

Lewis Zhou

(Lewis Zhou)

Reviewed By:

Timo Lei

(Timo Lei)

Approved By:

Jack Ai

(Jack Ai)



The test report is effective only with both signature and specialized stamp, The result(s) shown in this report refer only to the sample(s) tested. Without written approval of CQA, this report can't be reproduced except in full.

1. Version

Revision History Of Report

Report No.	Version	Description	Issue Date
CQASZ20260701475E-03	Rev.01	Initial report	2026-07-21

2. Contents

1. VERSION	2
2. CONTENTS	3
3. GENERAL INFORMATION	4
4. CLIENT INFORMATION	4
5. GENERAL DESCRIPTION OF EUT	4
6. GENERAL DESCRIPTION OF BLE	4
7. GENERAL DESCRIPTION OF BT	4
RF EXPOSURE EVALUATION	6
RF EXPOSURE COMPLIANCE REQUIREMENT	6
<i>Standard Requirement</i>	6
<i>Limits</i>	6
<i>EUT RF Exposure</i>	7

3. General Information

4. Client Information

Applicant:	Shenzhen Lanshi Technology Co.,Ltd.
Address of Applicant:	7th Floor, Building A, Building 1, Ganfeng Technology Building, Bantian Street, Longgang District, Shenzhen City, China
Manufacturer:	Shenzhen Lanshi Technology Co.,Ltd.
Address of Manufacturer:	7th Floor, Building A, Building 1, Ganfeng Technology Building, Bantian Street, Longgang District, Shenzhen City, China
Factory:	Shenzhen Lanshi Technology Co.,Ltd.
Address of Factory:	7th Floor, Building A, Building 1, Ganfeng Technology Building, Bantian Street, Longgang District, Shenzhen City, China

5. General Description of EUT

Product Name:	Smart Watch
Model No.:	Cube, Cube Pro, Cube Ultra, Prime X, Luxor
Test Model No.:	Cube
Trade Mark:	N/A
Software Version:	AT281FDKV003447
Hardware Version:	AT281-v04
Power Supply:	Li-ion battery DC 3.8V 380mAh, Charge by DC 5V for adapter
Simultaneous Transmission	☐ Simultaneous TX is supported and evaluated in this report. ☒ Simultaneous TX is not supported.

6. General Description of BLE

Operation Frequency:	2402MHz~2480MHz
Modulation Type:	GFSK
Transfer Rate:	1Mbps/2Mbps
Number of Channel:	40
Product Type:	☐ Mobile ☒ Portable ☐ Fix Location
Antenna Type:	Wire Antenna
Antenna Gain:	-9.46dBi

7. General Description of BT

Operation Frequency:	2402MHz~2480MHz
Modulation Type:	GFSK, $\pi/4$ DQPSK, 8DPSK
Transfer Rate:	1Mbps/2Mbps/3Mbps
Number of Channel:	79
Product Type:	☐ Mobile ☒ Portable ☐ Fix Location
Antenna Type:	Wire Antenna

Antenna Gain:	-9.46dBi
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RF Exposure Evaluation

RF Exposure Compliance Requirement

Standard Requirement

According to KDB447498D01 General RF Exposure Guidance v06

4.3.1. Standalone SAR test exclusion considerations

Unless specifically required by the published RF exposure KDB procedures, standalone 1-g head or body and 10-g extremity SAR evaluation for general population exposure conditions, by measurement or numerical simulation, is not required when the corresponding SAR Exclusion Threshold condition, listed below, is satisfied.

Limits

The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances ≤ 50 mm are determined by:

$$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0 \text{ for 1-g SAR and } \leq 7.5 \text{ for 10-g extremity SAR, where}$$
$$f(\text{GHz}) \text{ is the RF channel transmit frequency in GHz}$$

Power and distance are rounded to the nearest mW and mm before calculation¹⁷

The result is rounded to one decimal place for comparison

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 is applied to determine SAR test exclusion

EUT RF Exposure

1) For BT

Measurement Data

Worst case: GFSK				
Test Channel	Peak Output Power (dBm)	Tune up tolerance (dBm)	Maximum tune-up Power	
			(dBm)	(mW)
Lowest(2402MHz)	-0.07	0±1	1	1.259
Middle(2441MHz)	1.94	2.0±1	3	1.995
Highest(2480MHz)	1.22	1.0±1	2	1.585

Worst case: GFSK			
Channel	Maximum tuneup Power (mW)	Calculated value	Exclusion threshold
Lowest (2402MHz)	1.259	0.390	3.0
Middle (2441MHz)	1.995	0.623	
Highest (2480MHz)	1.585	0.499	
Conclusion: the calculated value ≤3.0, SAR is exempted.			

Remark: The Max Conducted Peak Output Power data refer to report Report No.: CQASZ20210400416E-02

2) For BLE

Measurement Data

Worst case: GFSK				
Test Channel	Peak Output Power (dBm)	Tune up tolerance (dBm)	Maximum tune-up Power	
			(dBm)	(mW)
Lowest(2402MHz)	0.00	0±1	1	1.259
Middle(2440MHz)	2.06	2±1	3	1.995
Highest(2480MHz)	1.37	1.5±1	2.5	1.778

Worst case: GFSK			
Channel	Maximum tuneup Power (mW)	Calculated value	Exclusion threshold
Lowest (2402MHz)	1.259	0.390	3.0
Middle (2440MHz)	1.995	0.623	
Highest (2480MHz)	1.778	0.560	
Conclusion: the calculated value ≤3.0, SAR is exempted.			

Remark: The Max Conducted Peak Output Power data refer to report Report No.: CQASZ20210400416E-01