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TEST REPORT

Report No. : CQASZ20260601253E-02
Applicant: Shenzhen Dale Sensor Tech Co Ltd
Address of Applicant: Room 903, Building 1, Qianhai Kexing Science Park, Laodong Community,
Xixiang Subdistrict, Bao'an District, Shenzhen City, Guangdong Province,
P.R.China
Equipment Under Test (EUT):
EUT Name: AeroBand PocketDrum
Model No.: PD2 Ultra
Test Model No.: PD2 Ultra
Brand Name: AeroBand
FCC ID: 2BCSTPD02-S
47 CFR Part 1.1307
Standards: 47 CFR Part 1.1310
KDB447498D01 General RF Exposure Guidance v06
Date of Receipt: 2026-06-17
Date of Test: 2026-06-17 to 2026-07-31
Date of Issue: 2026-9-4
Test Result : PASS

Tested By: Azir Wang
(Azir Wang)

Reviewed By: Timo Lei
(Timo Lei)

Approved By: Jack Ai
(Jack Ai)



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1. Version

Revision History Of Report

Report No.	Version	Description	Issue Date
CQASZ20260601253E-02	Rev.01	Initial report	2026-9-4

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
RF EXPOSURE EVALUATION	5
RF EXPOSURE COMPLIANCE REQUIREMENT	5
<i>Standard Requirement</i>	5
<i>Limits</i>	5
<i>EUT RF Exposure</i>	6

3. General Information

4. Client Information

Applicant:	Shenzhen Dale Sensor Tech Co Ltd
Address of Applicant:	Room 903, Building 1, Qianhai Kexing Science Park, Laodong Community, Xixiang Subdistrict, Bao'an District, Shenzhen City, Guangdong Province, P.R.China
Manufacturer:	Shenzhen Dale Sensor Tech Co Ltd
Address of Manufacturer:	Room 903, Building 1, Qianhai Kexing Science Park, Laodong Community, Xixiang Subdistrict, Bao'an District, Shenzhen City, Guangdong Province, P.R.China
Factory:	Ebulent Optronics (Shenzhen) LTD Huizhou Branch
Address of Factory:	Factory 601, 701, 801; Factory 602, 702, 802 at C2-2-1 and C2-2-2, Qunyi Intelligent Manufacturing Industrial Park, Tonghu Town, Zhongkai High-tech Zone, Huizhou City, Guangdong Province, China

5. General Description of EUT

Product Name:	AeroBand PocketDrum
Model No.:	PD2 Ultra
Test Model No.:	PD2 Ultra
Trade Mark:	AeroBand
Software Version:	V1.1.11
Hardware Version:	V1.1
Power Supply:	Drumstick: Li-ion battery DC 3.7V 350mAh, Charge by DC 5V forAdaptor
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
Number of Channel:	40
Product Type:	☐ Mobile ☒ Portable ☐ Fix Location
Antenna Type:	PCB antenna
Antenna Gain:	-0.41dBi

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 BLE

Measurement Data

Worst case: GFSK				
Test Channel	Peak Output Power (dBm)	Tune up tolerance (dBm)	Maximum tune-up Power	
			(dBm)	(mW)
Lowest(2402MHz)	-1.32	-1.0±1	0.0	1.000
Middle(2440MHz)	-0.73	-0.5±1	0.5	1.122
Highest(2480MHz)	-0.56	-0.5±1	0.5	1.122

Worst case: GFSK			
Channel	Maximum tuneup Power (mW)	Calculated value	Exclusion threshold
Lowest (2402MHz)	1.000	0.311	3.0
Middle (2440MHz)	1.122	0.351	
Highest (2480MHz)	1.122	0.353	
Conclusion: the calculated value ≤3.0, SAR is exempted.			

Remark: The Max Conducted Peak Output Power data refer to report Report No.: CQASZ20260601253E-01

*** END OF REPORT ***