



TEST REPORT

Report Reference No.....:	80260100127001	
Sample ID	BLC-01-1047806-001	
Date of issue	12/08/2026	
Total number of pages.....:	8	
Testing Laboratory.....:	TUV SUD South Asia Pvt Ltd	
Address.....:	Plot No. 3-P1-B, Hitech Defence & Aerospace Park, KIADB Industrial Area, BK Palya, Bengaluru, Bengaluru North Taluk Pin code – 562149 India	
Applicant's name	Ezymind Healthcare Private Limited	
Address.....:	A-6/1, 3rd Floor, Naraina Industrial Area, Phase-1, South West Delhi, New Delhi, Delhi, India, 110028	
Client Representative.....:	Mr. Mitansh Khurana	
Test specification Standard.....:	RF Exposure Report FCC 47 CFR Part 2.1093	
Test Method.....:	FCC KDB 447498	
Non-standard test method..... :	NA	
Test Report Form Number.....:	LAB_F(EE)_138-049	
Product Name.....:	DUSQ Device	
Test Item Description.....:	DUSQ is a battery-powered, rechargeable wearable wellness device comprising an electronic main module, adhesive patch interface, and charging case. DUSQ is a rechargeable, battery-powered wearable wellness device with Bluetooth Low Energy connectivity.	
Manufacturer	Ezymind Healthcare Private Limited	
Model Number.....:	DQ01	
Serial Number.....:	DQDV26060010	
Ratings.....:	5V DC, 50 mA	
FCC ID.....:	2BXD9-DQ01	
Prepared by (Name + Signature)	Nikhil G	
Reviewed & Approved by (Name + Signature)	Ayazahmad N	

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Possible test case verdicts:

- test case does not apply to the test object: N/A
- test object does meet the requirement: Pass
- test object does not meet the requirement: Fail

Testing:

Condition of the EUT on Receipt.....: Good
 Date of receipt of test item: 25/06/2026
 Date (s) of performance of tests.....: 07/07/2026 – 16/07/2026

General remarks:

1. The submitted sample(s) were not drawn by laboratory.
2. The test results presented in this report relate only to the object tested.
3. The results contained in this report reflect the results for this particular model and serial number. It is the responsibility of the manufacturer to ensure that all production models meet the intent of the requirements detailed within this report.
4. The correctness of the information related to sample(s) in the Test Request Form/Customer letterhead/E-mail is the customer's responsibility. The laboratory reports the said information in the test report and is not liable for the same.
5. The laboratory will retain the sample(s) for 45 days except for the mandatory retention period specified by the Regulatory Bodies and unless otherwise specified by the client.
6. This report shall not be reproduced, except in full, without the written approval of the Issuing testing laboratory.
 "(see Enclosure #)" refers to additional information appended to the report.
 "(see appended table)" refers to a table appended to the report.
7. Throughout this report a point is used as the decimal separator.

Use of uncertainty of measurement for decisions on conformity (decision rule): Yes/No

☒ No decision rule is specified by the IEC/EN standard, when comparing the measurement result with the applicable limit according to the specification in that standard. The decisions on conformity are made without applying the measurement uncertainty ("simple acceptance" decision rule, previously known as "accuracy method").

☐ Other: (to be specified)

Decisions on conformity: Decision on conformity of results is based on as per standard limits or criteria.

Summary of compliance: The Product comply with the requirements of FCC 47 CFR Part 2.1093.

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Revision History of Records

Test Report Number	Version	Reason for Change	Date Issued
80260100127001	01	Initial Report	07/08/2026
80260100127001	02	TCB Comments	12/08/2026

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1 TEST SUMMARY

Sl.no	Protocol, Band (MHz)	FCC	Result
1.	BLE (2402MHz – 2483.5MHz)	FCC 47 CFR 2.1093, FCC KDB 447498 D01	PASS

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2 EQUIPMENT INFORMATION

2.1 Product Function

The product is intended for consumer wellness applications related to sleep support and nighttime recovery. It is not intended for medical diagnosis, treatment, or monitoring.

2.2 General Information of EUT

Table 1: EUT details as declared by client*

EUT Name	DUSQ Device	
Protocol	BLE	
Operating Frequency Range	2402MHz – 2480MHz	
Channel Spacing	2MHz	
Environmental conditions	Storage	0°C to +50°C
	Operating	+10°C to +45°C
Supply Voltage	5V DC, 50mA	
Maximum Measured Power (dBm)	-1.97 dBm @ 2402MHz-2Mbps	
Modulation	GFSK	
Number of antennas	1	
Antenna Type	Chip Antenna	
Antenna Gain	2.8 dBi	
EUT Dimension (LxWxH)	26.5 x 26.5 x 7.2(mm)	

*Disclaimer: The TÜV SÜD is not responsible for the accuracy of the customer declared specification.

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3 RF EXPOSURE EVALUATION

3.1 RF Exposure Compliance Requirement

The corresponding SAR exclusion threshold condition, listed below:

- 1) 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: $[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f} \text{ (GHz)}] \leq 3.0$ for 1-g SAR and ≤ 7.5 for 10-g.
Extremity SAR, where
 - $f(\text{GHz})$ 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 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 5) in section 4.1 is applied to determine SAR test exclusion(447498 D01 General RF Exposure Guidance v06)
- 2) At 100 MHz to 6 GHz and for test separation distances > 50 mm, the SAR test exclusion threshold is determined according to the following
 - $[\text{Power allowed at numeric threshold for 50 mm in step 1}) + (\text{test separation distance} - 50 \text{ mm}) \cdot (f(\text{MHz})/150)] \text{ mW}$, at 100 MHz to 1500 MHz
 - $[\text{Power allowed at numeric threshold for 50 mm in step 1}) + (\text{test separation distance} - 50 \text{ mm}) \cdot 10] \text{ mW}$ at > 1500 MHz and ≤ 6 GHz
- 3) At frequencies below 100 MHz, the following may be considered for SAR test exclusion,
 - The power threshold at the corresponding test separation distance at 100 MHz in step 2) is multiplied by $[1 + \log(100/f(\text{MHz}))]$ for test separation distances > 50 mm and < 200 mm
 - The power threshold determined by the equation in a) for 50 mm and 100 MHz is multiplied by $\frac{1}{2}$ for test separation distances ≤ 50 mm
 - SAR measurement procedures are not established below 100 MHz When SAR test exclusion cannot be applied, a KDB inquiry is required to determine SAR evaluation requirements for any test results to be acceptable.

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Test Results:

Manufacturer has declared the tune-up value as ± 1 dB is considered in MPE calculation.

Antenna Gain: 2.8 dBi

Frequency (MHz)	Max.power (dBm)	Tune up value	Max.Power Including Tune-up Tolerance (dBm)	Max.Power Including Tune-up Tolerance (mW)	Minimum test separation distance (mm)	SAR Test Exclusion Calculation Values	1-g Extremity SAR Test exclusion Threshold
2402	-1.97	1	-0.97	0.799	6.2	1.999	3

Calculation:

$$\begin{aligned}
 \text{SAR Exclusion Value} &= \left(\frac{P_{\text{mW}}}{d_{\text{mm}}} \right) \times \sqrt{f_{\text{GHz}}} \\
 &= (0.799/6.2) * (\sqrt{2.402}) \\
 &= (1.29032) * (\sqrt{2.402}) \\
 &= 1.999
 \end{aligned}$$

4 CONCLUSION

The Power density of the EUT is less than defined limit as shown above, hence EUT is exempted from routine SAR.

-----End of Report-----