



TEST REPORT

Report Reference No.....:	80260100022001	
Sample ID	BLC-01-0945556-003	
Date of issue	26/03/2026	
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	Sitting Pelican LLC	
Address.....:	151 Calle de San Francisco, Ste 200 San Juan, Puerto Rico 00901, USA	
Client Representative.....:	Austin Trombley	
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.....:	mindRx Smart Cap	
Test Item Description.....:	The Smart Cap is a Bluetooth-enabled, electronic cap designed to fit standard pill vials, helping users manage and adhere to their medication schedules	
Manufacturer	Sitting Pelican LLC	
Model Number.....:	MRSC01-16D, MRSC01-40D	
Serial Number.....:	A009-4E74	
Ratings.....:	3V DC Through Battery	
FCC ID.....:	2BRGVMINDRXSC01	
Prepared by (Name + Signature)	Nikhil G	
Reviewed & Approved by (Name + Signature)	Raghunath M 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: 12/08/2025
 Date (s) of performance of tests.....: 12/08/2025 to 25/08/2025

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
80260100022001	00	Initial Report	16/02/2026
80260100022001	01	TCB Review Comments	17/03/2026
80260100022001	02	TCB Review Comments	26/03/2026

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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

A smart pill container cap with integrated Bluetooth Low Energy (BLE) module, LED indicator, buzzer, and battery. Device provides medication reminders, records whether a dose is taken or missed, and communicates this information with a mobile application via Bluetooth Low Energy (BLE).

2.2 Model Designation Information

The following model variants are covered under this series:

1. MRSC01-16D

2. MRSC01-40D

Model Series: MRSC01-XXD (Where "XXD" denotes different cap sizes)

This test report contains the test results for MRSC01-16D only.

All other listed models are considered electrically and mechanically identical except for cap size differences.

2.3 General Information of EUT

Table 1: EUT details as declared by client*

EUT Name	mindRx Smart Cap	
Models	MRSC01-16D, MRSC01-40D	
Protocol	BLE	
Operating Frequency Range	2402MHz – 2480MHz	
Channel Spacing	2MHz	
Environmental conditions	Storage	Temperature: -20°C to +60°C Humidity: 0% to 85% RH
	Operating	Temperature: -10°C to +50°C Humidity: 20% to 80% RH
Supply Voltage	3V DC through Battery	
Maximum Measured Power (dBm)	3.65 @2402MHz	
Modulation	GFSK	
Number of antennas	1	
Antenna Type	PCB Antenna	
Antenna Gain	0 dBi	
EUT Dimension (LxWxH)	40.5 x 40.5 x 27.5 (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 limit for Maximum Permissible Exposure (MPE) specified in FCC 1.1310 is followed. The gain of the antennas used in the product is extracted from the Antenna data sheets provided and also the maximum total power input to the antenna is measured. Through the Friis transmission formula and the maximum gain of the antenna, we can calculate the distance, away from the product, where the limit of MPE is reached. Although the Friis Transmission formula is far field assumption, the calculated result of that is an over-prediction for near field power density. It is taken as worst case to specify the safety range.

3.2 RF Exposure Limits:

Table 1 Limits for Maximum Permissible Exposure (MPE)			
Frequency range (MHz)	Electric field strength (V/m)	Magnetic field strength (A/m)	Power density (mW/cm ²)
(i) Limits for Occupational/Controlled Exposure			
300-1,500	--	--	F/300
1,500-100,000	--	--	5.0
(ii) Limits for General Population/Uncontrolled Exposure			
300-1,500	--	--	F/1500
1,500-100,000	--	--	1.0

F or f = Frequency in MHz

Friss Formula Friss Transmission Formula: $P_d = (P_{out} * G) / (4 * \pi * r^2)$

Where

P_d = power density in mW/cm²

P_{out} = output power to antenna in mW

G = gain of antenna in linear scale

π = 3.1416

R = Distance between observation point and the center of radiator in cm

If we know the maximum gain of the antenna and the total output power to the antenna, through calculation, we will know MPE value at distance 20cm.

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Test Results:

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

Antenna Gain: 0 dBi

Protocol	Frequency (MHz)	Maximum measured RF output power at antenna terminal (dBm)	Tune-up tolerance (dB)	Max power Including tune-up tolerance * (mW)	Min Separation distance (cm)	Power Density (Pd) (mW/cm ²)	FCC Limit (mW/cm ²)
BLE	2402	3.65	± 1	2.91742701	20	0.00058	1

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-----