

RF Exposure Report

Project Number: 5350334**Proposal: SUW-202501007682****Report Number: SUW5350334EMC03****Revision Level: 2****Client: Myriad Sensors, Inc. (PocketLab)****Equipment Under Test: Multi-Sensor Measurement Unit****Model: Voyager 2****FCC ID: 2AGGIFN-2189****Applicable Standards: 47 CFR §§ 2.1093****FCC KDB 447498 D01 General RF Exposure Guidance v06****FCC OET Bulletin 65****Report issued on: 29 October 2025****Report issued on: 03 March 2026****Result: Exempt from SAR evaluation**

FOR THE SCOPE OF ACCREDITATION UNDER CERTIFICATE NUMBER: 3212.01

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1 General Information

1.1 Client Information

Company Name: Myriad Sensors, Inc. (PocketLab)
Address: 9304 Century Oak
City, State, Zip, Country: Brentwood, TN 37027

1.2 Test Laboratory

Name: SGS North America, Inc.
Address: 620 Old Peachtree Road NW, Suite 100
City, State, Zip, Country: Suwanee, GA 30024, USA

Accrediting Body: A2LA
Type of lab: Testing Laboratory
Certificate Number: 3212.01
FCC Designation: US1126

1.3 General Information of EUT

Manufacturer: PocketLab
Product Marketing Name (PMN): Multi-Sensor Measurement Unit
Model Number (HVIN): Voyager 2
Serial Number: 4964048 (Radiated Sample) & 4962406 (Conducted Sample)
Type / Frequency / Data Modes: Bluetooth Low Energy (GFSK) / 2402 – 2480 MHz / 1Mbps
Antenna*:

Gain in XY plane	1.1 dBi
Gain in XZ plane	3.3 dBi
Gain in YZ plane	1.6 dBi

Max Conducted Output Power:

Bluetooth Low Energy (1M)	
-6.83	dBm

**Data was not measured by SGS laboratory and therefore SGS is not responsible for accuracy. Data obtained via customer, specification sheet, previous regulatory filing or other.*

1.4 Separation Distance

The closest exposure distance occurs when a user places their hand on top of the device surface directly above the antenna. Maximum power levels were utilized for calculations. Simultaneous transmissions are not applicable for this product. The separation distance from antenna and/or radiating structure was calculated at 5mm distance.

2 RF Exposure

The highest conducted output power in conjunction with the Upper and Lower frequency boundaries have been used to demonstrate compliance for Bluetooth Low Energy transmission mode.

Power levels were referenced from measurements captured in report number SUW5350334EMC02.

The EUT is considered an extremity application.

2.1 FCC Single transmission RF Exposure Levels (mW/cm^2)

447498 D01 General RF Exposure Guidance v06

SAR test exclusion calculations

Section 4.3: General SAR test exclusion guidance / Section 4.3.1: Standalone SAR test exclusion considerations

	Input	Select Units
Max Power:	-6.83	dBm
Duty Cycle:	100.0%	
Min separation distance:	5	mm
Frequency, f:	2480	MHz

<== Source based time average duty cycle

Value reference Number	Values used for Calculation	Reference number definition
v1	0.00 mW	[max. power of channel, including tune-up tolerance, mW] 'Rounded to nearest mW
v2	5 mm	[min. test separation distance, mm] 'Rounded to nearest mm
v3	1.575	[$\sqrt{f}$ (GHz)]

- 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:

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

Exclusion Calculation(1g):	0.0	number	<== [$v2 / v3$] must be less than 3
Exclusion Calculation(10g):	0.0	number	<== [$v2 / v3$] must be less than 7.5

Conclusions (Body):	The EUT max power is BELOW the threshold. SAR Testing is NOT required for Body applications
Conclusions (Extremity):	The EUT max power is BELOW the threshold. SAR Testing is NOT required for Extremity applications

2.2 Simultaneous Conditions

No Simultaneous transmission.

3 Revision History

Revision Level	Description of changes	Revision Date
0	Initial Release	29 October 2025
1	Updated Standard to reference SAR exemption.	09 January 2025
2	Added FCC ID. Updated SAR calculation using Max Output.	03 March 2026