



TEST REPORT

Applicant Name : Sendum Wireless Corp.
Address : 4500 Beedie Street Burnaby Canada V5J5L2
Report Number : 2604P40816E-EM
FCC ID: TS5-PTONE

Test Standard (s)

47 CFR §2.1091

Sample Description

Product Type: PTOne
Model No.: PT ONE
Trade Mark: SENDUM
Date Received: 2026-01-08
Report Date: 2026-02-11

Test Result:	The EUT complied with the standards above.
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EMC Engineer

Approved By:

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EMC Engineer

Note: This report must not be used by the customer to claim product certification, approval, or endorsement by A2LA, or any agency of the Federal Government. The information marked "#" is provided by the applicant, the laboratory is not responsible for its authenticity and this information can affect the validity of the result in the test report. Customer model name, addresses, names, trademarks etc. are included but no need marked. This report cannot be reproduced except in full, without prior written approval of the Company. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This report is valid only with a valid digital signature. The digital signature may be available only under the Adobe software above version 7.0.

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DOCUMENT REVISION HISTORY

Revision Number	Report Number	Description of Revision	Date of Revision
Rev.00	2604P40816E-EM	Original Report	2026-02-11

GENERAL INFORMATION

Product Description for Equipment under Test (EUT)

Product	PTOne
Tested Model	PT ONE
Frequency Range	LTE Cat-M1 Band2:1850 - 1910MHz LTE Cat-M1 Band4:1710 - 1175MHz LTE Cat-M1 Band5: 824 - 849MHz LTE Cat-M1 Band8/106: 897.5 - 900.5MHz LTE Cat-M1 Band12: 699 - 716MHz LTE Cat-M1 Band13: 777 - 787MHz LTE Cat-M1 Band25: 1850 - 1915MHz LTE Cat-M1 Band26: 814 - 849MHz LTE Cat-M1 Band66: 1710 - 1780MHz LTE Cat-M1 Band85: 698 - 716MHz LTE NB-IoT Band2: 1850 - 1910MHz LTE NB-IoT Band4: 1710 - 1755MHz LTE NB-IoT Band5: 824 - 849MHz LTE NB-IoT Band8: 897.5 - 900.5MHz LTE NB-IoT Band12: 699 - 716MHz LTE NB-IoT Band13: 777 - 787MHz LTE NB-IoT Band17: 704 - 716MHz LTE NB-IoT Band25: 1850 - 1915MHz LTE NB-IoT Band26: 814 - 849MHz LTE NB-IoT Band65: 1920 - 2010MHz LTE NB-IoT Band66: 1710 - 1780MHz LTE NB-IoT Band85: 698 - 716MHz NTN NB1 Band23: 2000 - 2020MHz NTN NB1 Band255:1626.5-1660.5MHz NTN NB1 Band256:1980-2010MHz
Maximum Conducted Output Power [#] (Tune-up Conducted Power)	LTE Cat-M1 Band2: 24dBm LTE Cat-M1 Band4: 24dBm LTE Cat-M1 Band5: 24dBm LTE Cat-M1 Band12: 24dBm LTE Cat-M1 Band13: 24dBm LTE Cat-M1 Band25: 24dBm LTE Cat-M1 Band26: 24dBm LTE Cat-M1 Band66: 24dBm LTE Cat-M1 Band85: 24dBm LTE NB-IoT Band2: 24dBm LTE NB-IoT Band4: 24dBm LTE NB-IoT Band5: 24dBm LTE NB-IoT Band8: 24dBm LTE NB-IoT Band12: 24dBm LTE NB-IoT Band13: 24dBm LTE NB-IoT Band17: 24dBm LTE NB-IoT Band25: 24dBm LTE NB-IoT Band26: 24dBm LTE NB-IoT Band65: 24dBm LTE NB-IoT Band66: 24dBm LTE NB-IoT Band85: 24dBm NTN NB1 Band23: 24dBm NTN NB1 Band255: 24dBm NTN NB1 Band256: 24dBm (Note: The Tune-up Conducted Power is derived from the module report number: (NIE) 82630RAN.002 [#] , FCC ID: 2ANPO00NRF9151 [#] .)

Antenna Specification [#]	PCB Antenna: LTE Cat-M1 Band2: 2.53dBi LTE Cat-M1 Band4: 2.53dBi LTE Cat-M1 Band5: 0.77dBi LTE Cat-M1 Band8: 0.77dBi LTE Cat-M1 Band12: 0.77dBi LTE Cat-M1 Band13: 0.77dBi LTE Cat-M1 Band25: 2.53dBi LTE Cat-M1 Band26: 0.77dBi LTE Cat-M1 Band66: 2.53dBi LTE Cat-M1 Band85: 0.77dBi LTE NB-IoT Band2: 2.53dBi LTE NB-IoT Band4: 2.53dBi LTE NB-IoT Band5: 0.77dBi LTE NB-IoT Band8: 0.77dBi LTE NB-IoT Band12: 0.77dBi LTE NB-IoT Band13: 0.77dBi LTE NB-IoT Band17: 0.77dBi LTE NB-IoT Band25: 2.53dBi LTE NB-IoT Band26: 0.77dBi LTE NB-IoT Band65: 2.53dBi LTE NB-IoT Band66: 2.53dBi LTE NB-IoT Band85: 0.77dBi NTN NB1 Band23: 2.53dBi NTN NB1 Band255: 2.53dBi NTN NB1 Band256: 2.53dBi (It is provided by the manufacturer.)
Voltage Range [#]	DC 3.0V from battery
Sample Serial Number	3SF7-1 (Assigned by ATC, Shenzhen)
Sample/EUT Status	Good condition

Objective

This test report is in accordance with Part 2-Subpart J, Part 15-Subparts C and Part 2-Subpart J, Radiofrequency Radiation Exposure of the Federal Communication Commission rules.

The tests were performed in order to determine compliance with FCC §2.1091 rules.

Test Facility

The test site used by Shenzhen Accurate Technology Co., Ltd. to collect test data is located on the Floor 1, KuMaKe Building, Dongzhou Community, Guangming Street, Guangming District, Shenzhen, Guangdong, China.

Accredited by American Association for Laboratory Accreditation (A2LA).The Certificate Number is 4297.01.

RF EXPOSURE

Applicable Standard

According to subpart 2.1091 systems operating under the provisions of this section shall be operated in a manner that ensures the public is not exposed to RF energy level in excess of the communication guidelines.

Limits for General Population/Uncontrolled Exposure

Limits for General Population/Uncontrolled Exposure				
Frequency Range (MHz)	Electric Field Strength (V/m)	Magnetic Field Strength (A/m)	Power Density (mW/cm ²)	Averaging Time (Minutes)
0.3-1.34	614	1.63	*(100)	30
1.34-30	824/f	2.19/f	*(180/f ²)	30
30-300	27.5	0.073	0.2	30
300-1500	/	/	f/1500	30
1500-100,000	/	/	1.0	30

f = frequency in MHz
* = Plane-wave equivalent power density

Result

Calculated Formulary:

Predication of MPE limit at a given distance

$$S = \frac{PG}{4\pi R^2}$$

S = power density (in appropriate units, e.g. mW/cm²)
P = power input to the antenna (in appropriate units, e.g., mW).
G = power gain of the antenna in the direction of interest relative to an isotropic radiator, the power gain factor, is normally numeric gain.
R = distance to the center of radiation of the antenna (appropriate units, e.g., cm)

Mode	Operating Band	Frequency (MHz)	Antenna Gain [#]		Tune up conducted power [#]		Evaluation Distance (cm)	Power Density (mW/cm ²)	MPE Limit (mW/cm ²)
			(dBi)	(numeric)	(dBm)	(mW)			
LTE Cat-M1	2	1850 - 1910	2.53	1.79	24	251.2	20	0.0895	1.00
	4	1710 - 1755	2.53	1.79	24	251.2	20	0.0895	1.00
	5	824 - 849	0.77	1.19	24	251.2	20	0.0595	0.549
	8/106	897.5 - 900.5	0.77	1.19	24	251.2	20	0.0595	0.598
	12	699 - 716	0.77	1.19	24	251.2	20	0.0595	0.466
	13	777 - 787	0.77	1.19	24	251.2	20	0.0595	0.518
	25	1850 - 1915	2.53	1.79	24	251.2	20	0.0895	1.00
	26	814 - 849	0.77	1.19	24	251.2	20	0.0595	0.543
	66	1710 - 1780	2.53	1.79	24	251.2	20	0.0895	1.00
	85	698 - 716	0.77	1.19	24	251.2	20	0.0595	0.465
LTE NB-IoT	2	1850 - 1910	2.53	1.79	24	251.2	20	0.0895	1.00
	4	1710 - 1755	2.53	1.79	24	251.2	20	0.0895	1.00
	5	824 - 849	0.77	1.19	24	251.2	20	0.0595	0.549
	8	897.5 - 900.5	0.77	1.19	24	251.2	20	0.0595	0.598
	12	699 - 716	0.77	1.19	24	251.2	20	0.0595	0.466
	13	777 - 787	0.77	1.19	24	251.2	20	0.0595	0.518
	17	704 - 716	0.77	1.19	24	251.2	20	0.0595	0.469
	25	1850 - 1915	2.53	1.79	24	251.2	20	0.0895	1.00
	26	814 - 849	0.77	1.19	24	251.2	20	0.0595	0.543
	65	1920 - 2010	2.53	1.79	24	251.2	20	0.0895	1.00
	66	1710 - 1780	2.53	1.79	24	251.2	20	0.0895	1.00
	85	698 - 716	0.77	1.19	24	251.2	20	0.0595	0.465
NTN NB1	23	2000-2020	2.53	1.79	24	251.2	20	0.0895	1.00
	255	1626.5-1660.5	2.53	1.79	24	251.2	20	0.0895	1.00
	256	1980-2010	2.53	1.79	24	251.2	20	0.0895	1.00

Note 1: The antenna gain is declared by the applicant.

Note 2[#]: The applicant claims that the device contains a certified wireless module (model: nRF9151, FCC ID: 2ANPO00NRF9151, Grant Date: 07/18/2025). Tune up conducted power refers to the module report number: (NIE) 82630RAN.002.

To maintain compliance with the FCC's RF exposure guidelines, place the equipment at least 20cm from nearby persons.

Result: Compliance

EXHIBIT A-EUT PHOTOGRAPHS

Please refer to the Attachment No.1 2604P40816E-EM EUT External Photos and Attachment No.2 2604P40816E-EM EUT Internal Photos.

***** END OF REPORT *****