



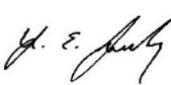
CFR Title 47 FCC Part 2.1091

Report Exhibit

Prepared for Onset Computer Corp.

This report presents the environmental impact of human exposure to radiofrequency radiation for

MX2205

Prepared by Yunus Faziloglu Sr. Wireless Engineer	Approved by Ahmed Ait Ahmed EMC Manager
	

Issue Date: Dec 20, 2024



This test result relates only to the described test object.

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Customer must not use this test report as the product certification of each accreditation body or each national organization.

The test is traceable to national standard or related international standard

Bureau Veritas Consumer Product Services, Inc. One Distribution Center Circle #1, Littleton, MA 01460	Test Report Number: EX0426-3 Issue 2
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Contents

- **1 Device Under Test Information** 3
- **2 Test Laboratory Information** 4
- **3 RF Exposure – Determination of Exemption** 5
- **4 Conclusion** 5

Bureau Veritas Consumer Product Services, Inc. One Distribution Center Circle #1, Littleton, MA 01460	Test Report Number: EX0426-3 Issue 2
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1 Device Under Test Information

1.1 Product Information

Project Number:	X0426
Applicant Information:	Onset Computer Corp. 470 MacArthur Blvd. Bourne, MA 02532
Test Item Description:	Temperature Logger
Model Number:	MX2205
Separation Distance:	20cm
Exposure Category of DUT:	Mobile
Multiple Simultaneous RF Sources:	No
Type of Evaluation:	MPE Calculation
Evaluation Method:	447498 D01 General RF Exposure Guidance v06
Deviations from Standard:	None

1.2 Technical Information

Radio B, BLE	
FCC ID:	WXF-ONST13
Exposure Category of Transmitter:	Mobile
Maximum Conducted Output Power (mW):	0.75
Maximum Tune-up Tolerance (dB):	N/A
Maximum Antenna Gain (dBi):	1.3

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2 Test Laboratory Information

Location of Test Lab:	One Distribution Center Circle #1 Littleton, MA 01460 (978) 486-8880
Key Contact:	Yunus Faziloglu Yunus.faziloglu@bureauveritas.com
Laboratory Accreditations:	BUREAU VERITAS CONSUMER PRODUCTS SERVICES, INC is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories.
ISO/IEC 17025:2017:	1627-01
FCC Test Site Number:	US1028

3 RF Exposure – Determination of Exemption

MPE based Exemption per 447498 D01 General RF Exposure Guidance v06

<u>Prediction of MPE limit at a given distance</u>	
Equation from page 18 of OET Bulletin 65, Edition 97-01	
$S = \frac{PG}{4\pi R^2}$	
where:	S = power density P = power input to the antenna G = power gain of the antenna in the direction of interest relative to an isotropic radiator R = distance to the center of radiation of the antenna
Maximum peak output power at the antenna terminal:	-1.232 (dBm)
Maximum peak output power at the antenna terminal:	0.75 (mW)
Antenna gain(typical):	1.3 (dBi)
Maximum antenna gain:	1.349 (numeric)
Prediction distance:	20 (cm)
Prediction frequency:	2450 (MHz)
MPE limit for uncontrolled exposure at prediction frequency:	1 (mW/cm ²)
Power density at prediction frequency:	0.000202 (mW/cm ²)

4 Conclusion

EUT meets the FCC RF exposure limits for general population as a mobile device.

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Document Revisions

Issue No.	Summary of Changes	Date Issued	Prepared by	Approved by
1	Original Release	Oct 21, 2023	RMB	YF
2	FCC ID updated	Dec 20, 2024	YF	AA

End of Report