

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

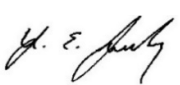



## CFR Title 47 FCC Part 2.1091

### 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

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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

<b>Location of Test Lab:</b>	One Distribution Center Circle #1 Littleton, MA 01460 (978) 486-8880
<b>Key Contact:</b>	Yunus Faziloglu Yunus.faziloglu@bureauveritas.com
<b>Laboratory Accreditations:</b>	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.
<b>ISO/IEC 17025:2017:</b>	1627-01
<b>FCC Test Site Number:</b>	US1028

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### 3 RF Exposure – Determination of Exemption

#### MPE based Exemption per 447498 D01 General RF Exposure Guidance v06

Prediction of MPE limit at a given distance		
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