

# RF Exposure Evaluation Report

**FCC ID** : 2ATIMATFPG3  
**Equipment** : Tyre Pressure Monitoring Sensor  
**Brand Name** : SENSATA TECHNOLOGIES LTD  
**Model Name** : ATFPG3  
**Applicant** : Sensata Technologies  
Unit 11, Antrim Technology Park, Antrim, BT41  
1QS, United Kingdom of Great Britain And  
Northern Ireland  
**Manufacturer** : Schrader Electronics Ltd.  
11 Technology Park, Belfast Road, Antrim,  
BT41 1QS, UK  
**Standard** : 47 CFR FCC Part 2 Subpart J, section 2.1093

The product was received on Feb. 06, 2023, and testing was started from Apr. 07, 2023 and completed on May 31, 2023. We, SPORTON INTERNATIONAL INC. Hsinhua Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in KDB 447498 D04 Interim General RF Exposure Guidance v01 and shown compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. Hsinhua Laboratory, the test report shall not be reproduced except in full.



Approved by: Jackson Tsai

**SPORTON INTERNATIONAL INC. Hsinhua Laboratory**

No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)



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**Photographs of EUT V01**



### History of This Test Report

Report No.	Version	Description	Issued Date
FA320208	01	Initial issue of report	Sep. 12, 2023
FA320208	02	Revise typo This report is the latest version replacing for the report issued on Sep. 12, 2023	Sep. 21, 2023
FA320208	03	Revise typo This report is the latest version replacing for the report issued on Sep. 21, 2023	Sep. 22, 2023
FA320208	04	Revise typo This report is the latest version replacing for the report issued on Sep. 22, 2023	Sep. 28, 2023

Reviewed by: Ryan Hsiao  
Report Producer: Debby Hung



# 1. General Description

## 1.1. EUT General Information

RF General Information			
Evaluation Mode	Frequency Range (MHz)	Operating Frequency (MHz)	Modulation Type
SRD	315	314.92	FSK

## 1.2. Testing Location Information

Test Lab. : Sporton International Inc. Hsinhua Laboratory			
<input checked="" type="checkbox"/>	Hsinhua (TAF: 3785)	ADD: No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.) TEL: 886-3-327-3456	FAX: 886-3-327-0973
Test site Designation No. TW3785 with FCC.			
<input type="checkbox"/>	Wen 33rd.St. (TAF: 3785)	ADD: No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.) TEL: 886-3-318-0787	FAX: 886-3-318-0287
Test site Designation No. TW0008 with FCC.			



## 2. RF Exposure Evaluation

### 2.1. Applicable Standard

In accordance with FCC 47 CFR part 2 (2.1093) this device has been defined as a portable device which is defined as a transmitting device designed to be used so that the radiating structure(s) of the device is/are within 20 centimeters of the body of the user.

Portable devices must be evaluated using the specified in FCC 47 CFR part 2 (2.1093) and ANSI/IEEE C95.1-1992, and had been tested in accordance with the measurement methods and procedures specified in IEEE 1528-2003.

### 2.2. SAR evaluation

- Per KDB 447498 D04 Interim General RF Exposure Guidance v01, Option (A): §1.1307(b)(3)(i)(A): Available maximum time-averaged power is no more than 1 mW.

Mode	Field strength (dBuV/m)	EIRP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)
SRD	58.32	-36.91	0.50	0.0002	0.50	A	1.000

- Per KDB 447498 D04 Interim General RF Exposure Guidance v01 exclusion thresholds is  $0.0002 < 1.000$ , RF exposure evaluation is not required.

————THE END————