

REM-EMIESS24A523TEX-02Av0

MPE test report

According to the standard:
CFR 47 FCC PART 15

Equipment under test:
TPMS-WR21

FCC ID: *2BCPN-WR21*

Company:
TEXYS INTERNATIONAL

Distribution: Mr DAGNET Thibault**(Company: TEXYS INTERNATIONAL)****Number of pages: 5**

Ed.	Date	Modified Page(s)	Technical Verification and Quality Approval	
			Name and Function	Visa
0	7-Jun-24	Creation	J.C. BOGA, Laboratories Manager	

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Information in *italics* are declared by the manufacturer/customer and are under his responsibility

DESIGNATION OF PRODUCT: *TPMS-WR21*

Serial number (S/N): *U23052724*

Reference / model (P/N): *TPMS-WR21*

Software version: *V1.04*

MANUFACTURER: Texys International

COMPANY SUBMITTING THE PRODUCT:

Company: Texys International

Address: ZA des Chamonds 16 rue Edouard Branly
58640 Varennes-Vauzelles
FRANCE

Responsible: Mr DAGNET Thibault

DATE(S) OF TEST: From 8-Apr-24 to 26-Apr-24

TESTING LOCATION: EMITECH LYON laboratory at CHASSIEU (69) FRANCE

FCC Accredited under US-EU MRA Designation Number: FR0013
Test Firm Registration Number: 807590

ISED Accredited under CANADA-EU MRA Designation Number: FR0007
Industry Canada Registration Number: 4379D

TESTED BY: T. LEDRESSEUR

VISA:

A handwritten signature in black ink, appearing to be "T. Ledresseur", written over a horizontal line.

WRITTEN BY: T. LEDRESSEUR

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REVISIONS HISTORY

Revision	Date	Modified pages	Modifications
0	7-Jun-24	/	Creation

1. INTRODUCTION

This report presents the results of radio test carried out on the following radio equipment: **TPMS-WR21**, in accordance with normative reference.

The equipment under test integrates:

- SRD receiver (433.98MHz).
- RFID transceiver (125 kHz)

2. PRODUCT DESCRIPTION

Category of equipment (ISED): I

Class: B

Utilization: TPMS Sensor system

Antenna type and gain: Integral antenna (unknown gain)

Operating frequency range: 125 kHz

Number of channels: 1

Channel spacing: Not concerned

Modulation: ASK

Power source: 6-16 Vdc by external power source

Power level, frequency range and channels characteristics are not user adjustable.
The details pictures of the product and the circuit boards are joined with this file.

3. NORMATIVE REFERENCE

The standards and testing methods related throughout this report are those listed below.

They are applied on the whole test report even though the extensions (version, date and amendment) are not repeated.

CFR 47 (2024) Radio Frequency Devices

ANSI C63.10 2013
Procedures for Compliance Testing of Unlicensed Wireless Devices.

447498 D04 Interim General RF Exposure Procedures and Equipment Authorization Policies for Mobile and
RF Exposure Guidance v01 Portable Devices

4. RF EXPOSURE

In accordance with KDB 447498 D04 Interim General RF Exposure Guidance v01.

1-mW Test Exemption according paragraph 2.1.2

Maximum measured power = 59.38 dB μ V/m = **3.1 x 10⁻⁶ mW** at 125 kHz.

with $P = (E \times d)^2 / (30 \times G_p)$ with $d = 10$ m and $G_p = 1$

The equipment fulfils the requirements on 1-mW Test Exemption according §1.1307(b)(3)(i)(A).