

RF EXPOSURE REPORT

Applicant	:	Adachi Auto Electronic Co.,Ltd
Applicant Address	:	5-12-18, Torikaihonmachi, Settsu City, Osaka, Japan
Manufacturer	:	Adachi Auto Electronic Co.,Ltd
Manufacturer Address	:	5-12-18, Torikaihonmachi, Settsu City, Osaka, Japan
Equipment Under Test	:	TPMS Sensor
Model No.	:	TSB77-1C00DDA, TSB77-1C00DDR
Series Model No.	:	N/A
Trade Mark	:	ADACHI
FCC ID	:	2BS6RTSB77
Report No.	:	LS-R25110311-5F02
Issue Data	:	Mar. 25, 2026



LabSure Testing Services (Suzhou) Co., Ltd.

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Test Report Declare

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Standard Used:

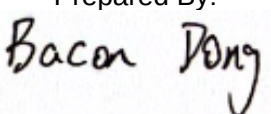
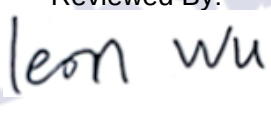
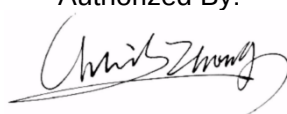
KDB 447498 D04 Interim General RF Exposure Guidance v01

We Declare:

The equipment described above is tested by LabSure Testing Services (Suzhou) Co.,Ltd. and in the configuration tested the equipment complied with the standards specified above. The test results are contained in this test report and LabSure Testing Services (Suzhou) Co.,Ltd. is assumed of full responsibility for the accuracy and completeness of these tests.

After test and evaluation, our opinion is that the equipment provided for test compliance with the requirement of the above FCC standards.

Report No:	LS-R25110311-5F02		
Sample No:	Y25110311-01, Y25110311-02, Y25110311-03, Y25110311-04		
Date of Receipt:	Dec. 05, 2025	Date of Test:	Jan. 05, 2026 ~ Jan. 28, 2026

Prepared By: 	Reviewed By: 	Authorized By: 
Bacon Dong/Engineer	Leon Wu/Director	Chris Zhong/EMC Manager

Note: This report applies to above tested sample only. This report shall not be reproduced in parts without written approval of LabSure Testing Services (Suzhou) Co., Ltd. The results in this report apply to the test sample(s) mentioned above at the time of the testing period only and are not to be used to indicate applicability to other similar products. This report does not imply that the product(s) has met the criteria for certification. The results reported herein have been performed in accordance with the laboratory's terms of accreditation.

Revision History

Rev.	Revisions	Issue Date	Revised By
---	Initial issue	Mar. 25, 2026	

1. General information

1.1. Description of Equipment

EUT Description	TPMS Sensor			
Model Number	TSB77-1C00DDA, TSB77-1C00DDR			
Serial Number	N/A			
Hardware Version	N/A			
Software Version	N/A			
Sample Type	Vehicle Device			
EUT function description	Please refer to user manual of this device			
Power supply	3Vdc (internal CR2050HR)			
Type of Modulation	ASK	FSK	ASK	FSK
Support Frequency	315MHz	315MHz	433.92MHz	433.92MHz
Conducted Power	-4.49 dBm (Measured values)	-4.32 dBm (Measured values)	-3.91dBm (Measured values)	-4.03 dBm (Measured values)
Antenna Type	Loop antenna			
Device Type	mobile device			

1.2. Assess laboratory

Lab Information	Company Name: LabSure Testing Services (Suzhou) Co.,Ltd. Address: Phase II, No.16 Runsheng Road, Suzhou Industrial Park, Suzhou, People's Republic of China. Tel: +86-0512-62531270, E-mail: labsure@lab-sure.com, www.lab-sure.com
Accreditation Certificate	A2LA (Certificate No.: 7346.01) LabSure Testing Services (Suzhou) Co.,Ltd. has been assessed and proved to be in compliance with A2LA. FCC (FCC Designation No.: CN1397) LabSure Testing Services (Suzhou) Co.,Ltd. has been recognized to perform compliance testing on equipment subject to the Commission's Declaration of Conformity (DoC) and Certification rules. IC (IC Designation No.: 32952; CAB No.:CN0182) LabSure Testing Services (Suzhou) Co.,Ltd. has been recognized to perform compliance testing on equipment subject to the Commission's Declaration of Conformity (DoC) and Certification rules.
Note 1: All tests measurement facilities use to collect the measurement data are located at Phase II, No.16 Runsheng Road, Suzhou Industrial Park, Suzhou, China. Note 2: For below 30MHz, lab had performed measurements at test anechoic chamber and comparing to measurements obtained on an open field site. These measurements below 30MHz had been correlated to measurements performed on an OFS. Note 3: The test anechoic chamber in LabSure Testing Services (Suzhou) Co.,Ltd. had been calibrated and compared to the open field sites and the test anechoic chamber is shown to be equivalent to or worst case from the open field site.	

2. RF Exposure Evaluation

2.1. Requirement

Per § 1.1307(b)(3)(i)(A), a single RF source is *exempt RF device* (from the requirement to show data demonstrating compliance to RF exposure limits, as previously mentioned) if the available maximum time-averaged power is no more than 1 mW, regardless of separation distance.

This exemption applies to all operating configurations and exposure conditions, for the frequency range 100 kHz to 100 GHz, regardless of fixed, mobile, or portable device exposure conditions.

This is a standalone exemption, and it cannot be applied in conjunction with any other test exemption.

2.2. Estimation result

Type of Modulation	Band (MHz)	Conducted Power (dBm) (Measured values)	Conducted Power Tune-up (dBm)	Conducted Power Tune-up (mW)	Limit (mW)
ASK	315	-4.49	-3	0.5012	1
FSK	315	-4.32	-3	0.5012	1
ASK	433.92	-3.91	-3	0.5012	1
FSK	433.92	-4.03	-3	0.5012	1

Conclusion: The measurement results comply with Code of Federal Regulations 47 Subchapter A, Part 1, Subpart 1 §1.1307, regardless of separation distance

END OF REPORT