FCC TEST REPORT

For

Shenzhen jixinwei Electronic Commerce Co.,Ltd.

Product Name: TPMS Reset Tool

Test Model(s): EL-50448

Report Reference No.	:	**DACE250506003RL001**
FCC ID	:	**2BEWY-EL-50448**
Applicant's Name	:	Shenzhen jixinwei Electronic Commerce Co.,Ltd.
Address	:	B1422. tangshang buiding shangxing community 35#, xinqiao, bao'an district, shenzhen, China.
Testing Laboratory	:	Shenzhen DACE Testing Technology Co., Ltd.
Address	:	102, Building H1, & 1/F., Building H, Hongfa Science & Technology Park, Tangtou Community, Shiyan Subdistrict, Bao'an District, Shenzhen, Guangdong, China
Test Specification Standard	:	**47 CFR Part 15, Subpart B**
Date of Receipt	:	May 6, 2025
Date of Test	:	May 6, 2025 to May 12, 2025
Data of Issue	:	May 12, 2025
Result	:	**Pass**

000005686

Apply for company information

Applicant's Name	:	Shenzhen jixinwei Electronic Commerce Co.,Ltd.
Address	:	B1422. tangshang buiding shangxing community 35#, xinqiao, bao'an district, shenzhen, China.
Product Name	:	TPMS Reset Tool
Test Model(s)	:	EL-50448
Test Specification Standard(s)	:	47 CFR Part 15, Subpart B

NOTE1:

The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report. If the product in this report is used in any configuration other than that detailed in the report, the manufacturer must ensure the new system complies with all relevant standards.

Compiled by:	Supervised by:	Approved by:
Keren Huang	Stone Yin	Tom Chen
Keren Huang / Test Engineer	Stone Yin / Project Engineer	Tom Chen / Manager
May 12, 2025	May 12, 2025	May 12, 2025

Revision History Of Report

Version	Description	REPORT No.	Issue Date
V1.0	Original	DACE250506003RL001	May 12, 2025

CONTENTS

1 TEST SUMMARY

1.1 Test Standards

The tests were performed according to following standards:

47 CFR Part 15, Subpart B: Unintentional Radiators

1.2 Summary of Test Result

Item	Standard	Method	Requirement	Result
Radiated emissions (Below 1GHz)	47 CFR Part 15, Subpart B	ANSI C63.4-2014	15.109, Class B	Pass

2 GENERAL INFORMATION

2.1 Client Information

Applicant's Name	:	Shenzhen jixinwei Electronic Commerce Co.,Ltd.
Address	:	B1422. tangshang buiding shangxing community 35#, xinqiao, bao'an district, shenzhen, China.
Manufacturer	:	Shenzhen jixinwei Electronic Commerce Co.,Ltd.
Address	:	B1422. tangshang buiding shangxing community 35#, xinqiao, bao'an district, shenzhen, China.

2.2 Description of Device (EUT)

Product Name:	TPMS Reset Tool
Model/Type reference:	EL-50448
Trade Mark:	N/A
Product Description:	TPMS Reset Tool
Power Supply:	DC9.0V from battery
Hardware Version:	V1.2
Software Version:	N/A
Classification of Equipment:	Class B

2.3 Description of Test Modes

No	Title	Description
TM1	WORKING MODE	WORKING MODE

2.4 Description of Support Units

The EUT was tested as an independent device.

2.5 Equipments Used During The Test

Radiated emissions (Below 1GHz)					
Equipment	**Manufacturer**	**Model No**	**Inventory No**	**Cal Date**	**Cal Due Date**
Cable(HF)2	SCHWARZ BECK	50Ω	/	2025-04-25	2026-04-24
Cable(HF)1	SCHWARZ BECK	50Ω	/	2025-04-25	2026-04-24
Cable(LF)2	SCHWARZ BECK	50Ω	/	2025-04-25	2026-04-24
Cable(LF)1	SCHWARZ BECK	50Ω	/	2025-04-25	2026-04-24
Control	MF	MF-7802	MF780208362	2024-12-09	2025-12-08
Test Receiver	Rohde & Schwarz	ESPI TEST RECEIVER	1164.6607K03 -102109-MH	2025-04-25	2026-04-24
EMI Test software	Farad	EZ -EMC	V1.1.42	/	/
Positioning Controller	MF	MF-7802	/	/	/
Amplifier(18-40G)	COM-POWER	AH-1840	10100008-1	2024-04-26	2027-04-25
Horn antenna	COM-POWER	AH-1840 (18-40G)	10100008	2024-04-26	2027-04-25
Loop antenna	ZHINAN	ZN30900C	ZN30900C	2024-06-14	2026-06-13
Power amplifier(LF)	Schwarzbeck	BBV9743	9743-151	2025-04-29	2026-04-28
Power amplifier(HF)	Schwarzbeck	BBV9718	9718-282	2025-04-29	2026-04-28
Test Receiver	R&S	ESCI 3	1166.5950K03 -101431-Jq	2025-04-25	2026-04-24
Horn Antenna	Sunol Sciences	DRH-118	A091114	2025-04-28	2026-04-27
Broadband Antenna	Sunol Sciences	JB6 Antenna	A090414	2024-09-28	2026-09-27

2.6 Statement Of The Measurement Uncertainty

Test Item	**Measurement Uncertainty**
Radiated Emission (Below 1GHz)	±5.79dB
Note: (1) This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.	

3 Emission Test Results (EMI)

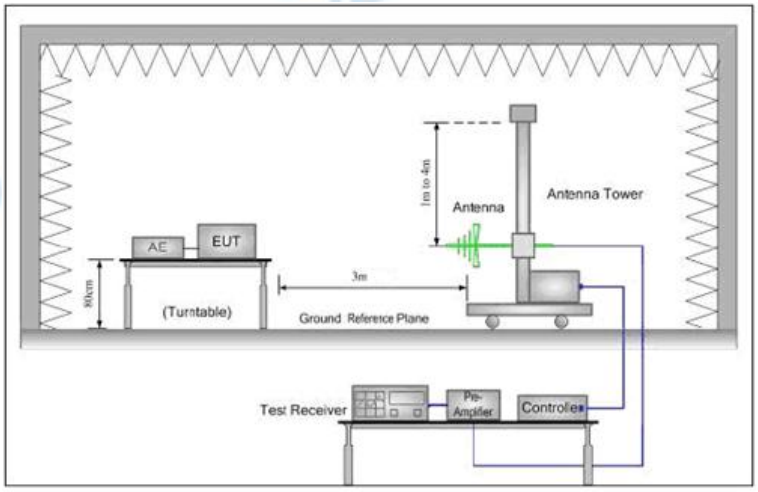
3.1 Radiated emissions (Below 1GHz)

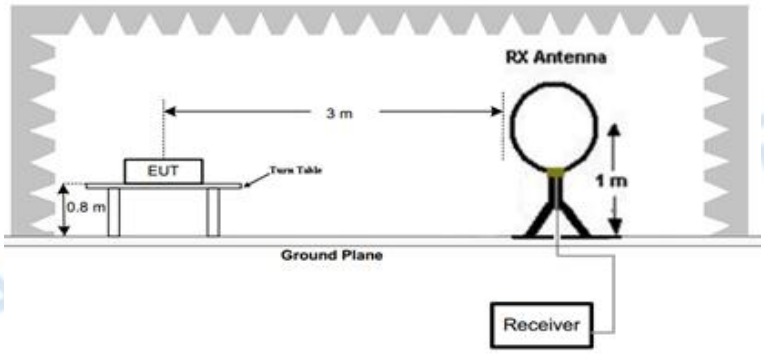
<table>
<tr><td>Test Requirement:</td><td>15.109, Class B</td></tr>
<tr><td>Test Limit:</td><td>Except for Class A digital devices, the field strength of radiated emissions from unintentional radiators at a distance of 3 meters shall not exceed the following values:
<table>
<tr><td rowspan="2">Frequency of emission (MHz)</td><td colspan="2">Field strength @3m</td><td colspan="2">Field strength @10m</td></tr>
<tr><td>(uV/m)</td><td>(dBuV/m)</td><td>(uV/m)</td><td>(dBuV/m)</td></tr>
<tr><td>30 – 88</td><td>100</td><td>40</td><td>30</td><td>29.5</td></tr>
<tr><td>88 – 216</td><td>150</td><td>43.5</td><td>45</td><td>33.1</td></tr>
<tr><td>216 – 960</td><td>200</td><td>46</td><td>60</td><td>35.6</td></tr>
<tr><td>Above 960</td><td>500</td><td>54</td><td>150</td><td>43.5</td></tr>
</table></td></tr>
<tr><td>Test Method:</td><td>ANSI C63.4-2014</td></tr>
<tr><td>Procedure:</td><td>An initial pre-scan was performed in the chamber using the spectrum analyser in peak detection mode. Quasi-peak measurements were conducted based on the peak sweep graph. The EUT was measured by BiConiLog antenna with 2 orthogonal polarities.
Remark: Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor</td></tr>
</table>

3.1.1 E.U.T. Operation:

<table>
<tr><td colspan="6">Operating Environment:</td></tr>
<tr><td>Temperature:</td><td>22.8 °C</td><td>Humidity:</td><td>52 %</td><td>Atmospheric Pressure:</td><td>102 kPa</td></tr>
<tr><td colspan="2">Pretest mode:</td><td colspan="4">TM1</td></tr>
<tr><td colspan="2">Final test mode:</td><td colspan="4">TM1</td></tr>
</table>

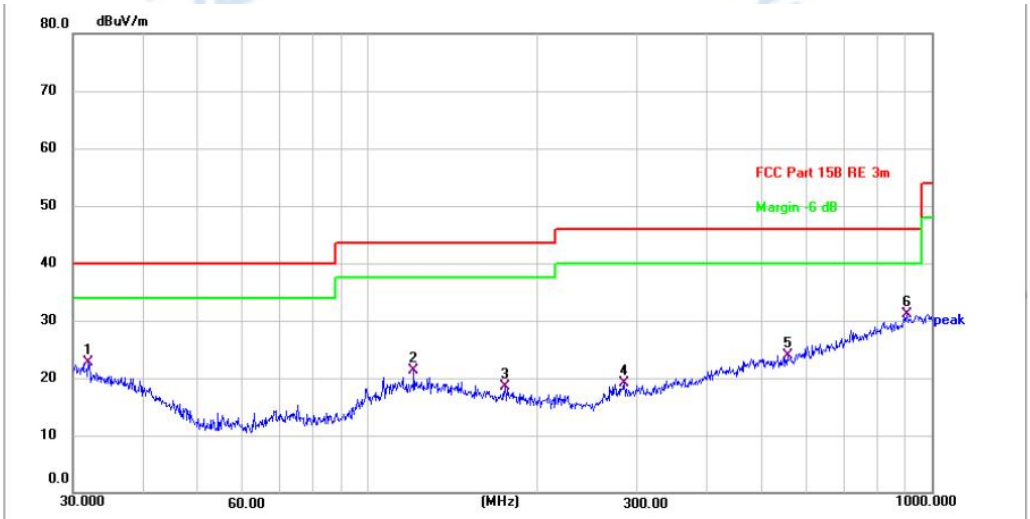
3.1.2 Test Setup Diagram:





3.1.3 Test Data:

TM1 / Polarization: Horizontal

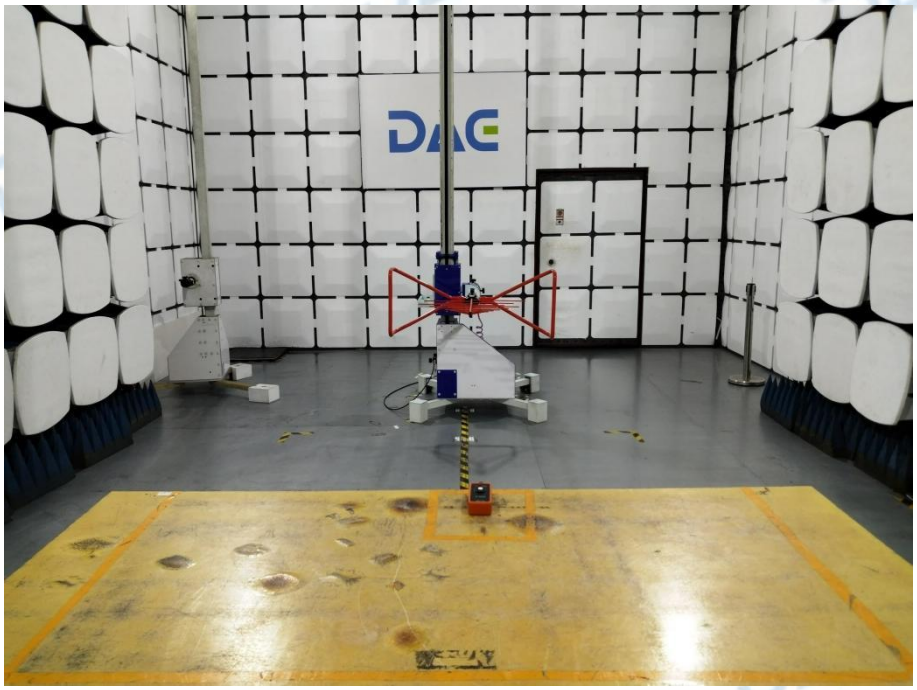


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	31.9546	25.38	-2.75	22.63	40.00	-17.37	QP	100		P	
2	120.6991	27.76	-6.54	21.22	43.50	-22.28	QP	100		P	
3	175.0368	27.56	-9.08	18.48	43.50	-25.02	QP	100		P	
4	284.9767	26.90	-7.86	19.04	46.00	-26.96	QP	100		P	
5	554.8254	26.78	-2.83	23.95	46.00	-22.05	QP	100		P	
6 *	903.3094	27.14	3.93	31.07	46.00	-14.93	QP	100		P	

TM1 / Polarization: Vertical

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	31.5095	26.81	-4.36	22.45	40.00	-17.55	QP	100		P	
2	118.6014	26.47	-6.76	19.71	43.50	-23.79	QP	100		P	
3	159.2251	27.39	-8.38	19.01	43.50	-24.49	QP	100		P	
4	350.4768	26.77	-6.88	19.89	46.00	-26.11	QP	100		P	
5	489.0269	28.02	-3.34	24.68	46.00	-21.32	QP	100		P	
6 *	932.2715	26.91	4.33	31.24	46.00	-14.76	QP	100		P	

4 TEST SETUP PHOTOS

Radiated emissions (Below 1GHz)


5 PHOTOS OF THE EUT

External


FCC ID :TH9 0EGT5
This device complies with part 15 of the FCC rules
Operation is subject to the following two conditions:
(1)This device may not cause harmful interference
(2)This device must accept any interference
received,including interference that may cause
undesired operation
Ensure that the vehicle is in the
TPMS Learnmode, and follow
the service procedure.Hold tool
against the sidewall of the tire,
near the valve stem.
Depress Learn button while
holding the tool against the
tire sidewall.
THE green LED indicates that
the tool is transmitting.

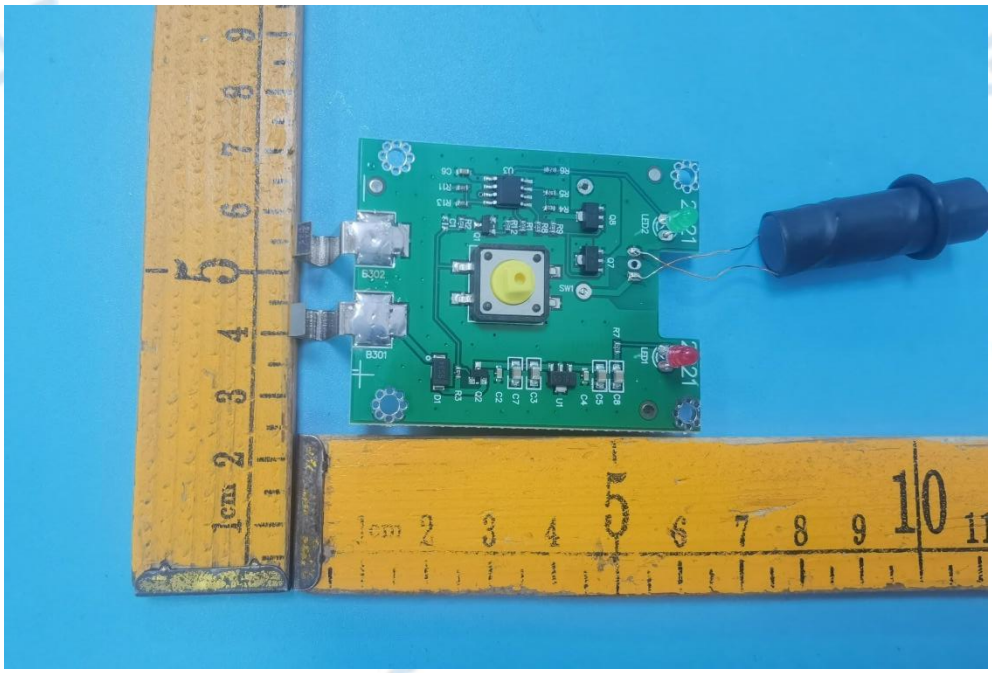

LOW BAT
TX

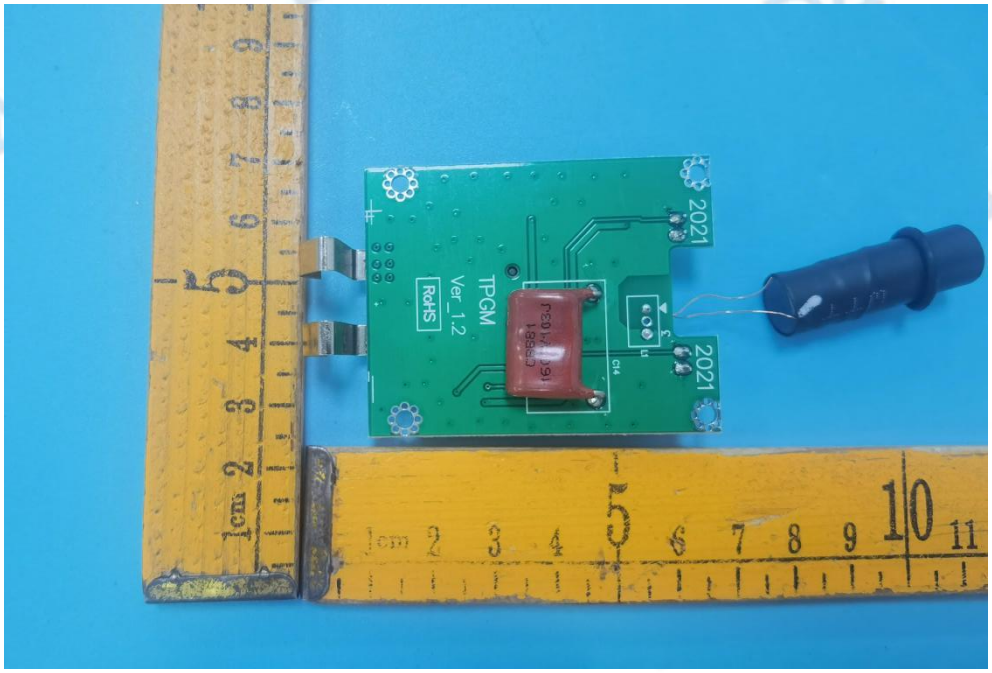

FCC ID:THHQEQT5

Internal


Ensure that the vehicle is in the TPMS Learnmode, and follow the service procedure. Hold tool against the sidewall of the tire, near the valve stem.
Depress Learn button while holding the tool against the tire sidewall.
THE green LED indicates that the tool is transmitting.


2021
2021
TPCM
Ver_1.2
RoHS





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