RF Exposure Evaluation Report

Product	:	TPMS
Trade mark	:	N/A
Model/Type reference	:	T12, TY01, TY02, TY04, TY05, TY06, TY08, T11, T13, T14
Serial Number	:	N/A
Report Number	:	EED32R81709902
FCC ID	:	2BDZM-T12
Date of Issue	:	Nov. 05, 2025
Test Standards	:	47 CFR Part 1.1307 47 CFR Part 1.1310 47 CFR Part 2.1091 47 CFR Part 2.1093 447498 D04 Interim General RF Exposure Guidance v01
Test result	:	PASS

Prepared for:

Shenzhen Chemei Technology Co., Ltd.
5th Floor, Building 2, No. 263 Changfeng Road, Fenghuang Community, Fenghuang Sub-district, Guangming District, Shenzhen City

Prepared by:

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Date: Nov. 05, 2025

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3 General Information

3.1 Client Information

Applicant:	Shenzhen Chemei Technology Co., Ltd.
Address of Applicant:	5th Floor, Building 2, No. 263 Changfeng Road, Fenghuang Community, Fenghuang Sub-district, Guangming District, Shenzhen City
Manufacturer:	Shenzhen Chemei Technology Co., Ltd.
Address of Manufacturer:	5th Floor, Building 2, No. 263 Changfeng Road, Fenghuang Community, Fenghuang Sub-district, Guangming District, Shenzhen City
Factory:	Shenzhen Chemei Technology Co., Ltd.
Address of Factory:	5th Floor, Building 2, No. 263 Changfeng Road, Fenghuang Community, Fenghuang Sub-district, Guangming District, Shenzhen City

3.2 General Description of EUT

Product Name:	TPMS
Model No.(EUT):	T12, TY01, TY02, TY04, TY05, TY06, TY08, T11, T13, T14
Test Model:	T12
Trade Mark:	N/A

3.3 Product Specification subjective to this standard

Frequency Range:	433.92MHz	
Modulation Type:	Fix Location	
Test Power Grade:	Default	
Antenna Type:	Spring antenna	
Antenna Gain:	0 dBi	
Power Supply:	Battery:	DC 3V
Sample Received Date:	Sep. 25, 2025	
Sample tested Date:	Sep. 25, 2025 to Oct. 11, 2025	

Remark:

Model No.: T12, TY01, TY02, TY04, TY05, TY06, TY08, T11, T13, T14

Only the model T12 was tested. Naming is based on different sales regions, sales methods, customer groups, as well as different colors, sizes and shapes of the products. It does not affect the safety, functionality and performance of the products. The similarities are that the performance, principle and working purpose are all the same. The differences are that our company has different sales regions, different customer groups, and the products are named based on different colors, sizes and shapes, which do not affect the principle, function, performance and safety of such products.

3.4 Test Location

All tests were performed at:

Centre Testing International Group Co., Ltd

Hongwei Industrial Park, Zone 70, Bao'an District, Shenzhen, Guangdong, China

Telephone: +86 (0) 755 33683668 Fax:+86 (0) 755 33683385

No tests were sub-contracted.

FCC Designation No.: CN1164, ISED test site number:7408A, CAB identifier number : CN0037

3.5 Deviation from Standards

None.

3.6 Abnormalities from Standard Conditions

None.

3.7 Other Information Requested by the Customer

None.

4 SAR Evaluation

4.1 RF Exposure Compliance Requirement

4.1.1 Limits

KDB447498 D01 General RF Exposure Guidance v06, Clause 4.3.1(a)
[(max. power of channel, including tune-up tolerance, mW) / (min. test separation distance, mm)] • [√f(GHz)] ≤ 3.0
Where:
-f(GHz) is the RF channel transmit frequency in GHz
-Power and distance are rounded to the nearest mW and mm before calculation
-The test exclusions are applicable only when the minimum test separation distance is ≤ 50 mm, and for transmission frequencies between 100 MHz and 6 GHz. When the minimum test separation distance is < 5 mm, a distance of 5 mm according to 4.1 f) is applied to determine SAR test exclusion.

4.1.2 EUT RF Exposure Evaluation

Type	Frequency (MHz)	Field strength (max)(dBuV/m)	Maximum Tune-up (dBm)	Maximum Tune-up (mW)	Calculating data	Limit	Result
FSK	433.92	65.96	-29	0.0013	0.0004	3.0	Pass

Note：
dBuV/m to dBm, dBm = dBuV/m – 95.2
①Note: The exposure evaluation safety distance is 5mm.
②The test data please refer to the report of EED32Q80727301 and only the worst case data was recorded in the report.

Statement

1. This report is considered invalid without approved signature, special seal and the seal on the perforation;

2. The Company Name shown on Report and Address, the sample(s) and sample information was/were provided by the applicant who should be responsible for the authenticity which CTI hasn't verified;

3. The result(s) shown in this report refer(s) only to the sample(s) tested;

4. Unless otherwise stated,the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule stated in ILAC-G8:09/2019/CNAS-GL015:2022;

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*** End of Report ***