



RF Exposure Evaluation Declaration

Report No.: S2025070248160102

Issue Date: 08-01-2025

Applicant: Tung Thih Electron(Xiamen) Co., Ltd
Address: No.26, Hua-Sheng Rd., Hu Li District, Xiamen City,
Fujian, China
FCC ID: 2BP7T-22439
Product: IMMO
Model No.: IMMO-A
Trade Mark: NISSAN
FCC Rule Part(s): CFR 47, FCC Part 2.1091 Radio frequency radiation
exposure evaluation: mobile devices.
Item Receipt date: Jun. 04, 2025
Test Date: Jun. 30, 2025 ~ Jul. 23, 2025

Compiled By Stone Zhang.
(Stone Zhang)
Senior Test Engineer
Approved By Line Chen
(Line Chen)
Engineer Manager

The test results relate only to the samples tested.

This equipment has been shown to be capable of compliance with the applicable technical standards as indicated in the measurement report and was tested in accordance with the measurement procedures specified in KDB 558074 D01. Test results reported herein relate only to the item(s) tested.

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The test report must not be used by the client to claim product certifications, approval, or endorsement by NVLAP, NIST or any agency of U.S. Government.

Revision History

Report No.	Version	Description	Issue Date
S2025070248160102	Rev. 01	/	08-01-2025

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§2.1033 General Information

Applicant:	Tung Thih Electron(Xiamen) Co., Ltd
Applicant Address:	No.26, Hua-Sheng Rd., Hu Li District, Xiamen City, Fujian, China
Manufacturer:	Tung Thih Electron(Xiamen) Co., Ltd
Manufacturer Address:	No.26, Hua-Sheng Rd., Hu Li District, Xiamen City, Fujian, China
Factory:	TUNG THIH ELECTRON (XIAMEN) CO., LTD
Factory Address:	No.9,11,13,15, Zhaogang Rd., Xiangbei Industrial Zone, XiangAn District, Xiamen, Fujian Province, P.R. China
Test Site:	Fanguang Inspection & Testing Co., Ltd.
LAB ID:	CN5037
Test Site Address:	No.8 Ningyun Rd., Xinwu District Wuxi, Jiangsu 214000 China
FCC Rule Part(s):	Part 15 Subpart C
FCC ID:	2BP7T-22439
Test Device Serial No.:	S/N.: / <input checked="" type="checkbox"/> Production <input type="checkbox"/> Pre-Production <input type="checkbox"/> Engineering

1. Product Information

1.1. Equipment Description

Product Name:	IMMO
Model Name:	IMMO-A
Trade Mark:	NISSAN
Input Voltage Range:	DC 12V
Temperature Range:	-40℃~+85℃
Hardware Version:	1.0
Software Version:	1.0
Note:	This information is provided by the Customer and its authenticity is the responsibility of the Customer.

1.2. Product Specification Subjective to this Report

Frequency Range:	125kHz
Type of Modulation:	2ASK
Antenna Type:	Coil Antenna

2. RF Exposure Evaluation

2.1. Limits

LIMITS FOR MAXIMUM PERMISSIBLE EXPOSURE (MPE)

Frequency Range (MHz)	Electric Field Strength (V/m)	Magnetic Field Strength (A/m)	Power Density (mW/cm ²)	Average Time (Minutes)
(A) Limits for Occupational/ Control Exposures				
0.3-3.0	614	1.63	*(100)	≤6
3.0-30	1842/f	4.89/f	*(900/f ²)	<6
30-300	61.4	0.163	1.0	<6
300-1500	--	--	f/300	<6
1500-100,000	--	--	5	<6
(B) Limits for General Population/ Uncontrolled Exposures				
0.3-3.0	614	1.63	*(100)	<30
3.0-30	824/f	2.19/f	*(900/f ²)	<30
30-300	27.5	0.073	0.2	<30
300-1500	--	--	f/1500	<30
1500-100,000	--	--	1.0	<30

f= Frequency in MHz .

*= Plane-wave equivalent power density

2.1. Test Result of RF Exposure Evaluation

Frequency Band	Antenna	Antenna type
125kHz	Antenna 1	Coil Antenna

Antenna	Maximum E-Field at 3m (dB μ V/m)	Maximum E-Field at 0.2m (dB μ V/m)	Maximum E-Field at 0.2m (V/m)	Limit (V/m)
Antenna 1	70.73	117.77	0.77	614

Note:

1. Antenna 1: Maximum E-Field@ 0.2m=E(dB μ V/m)@3m+40log(3/0.2) = 117.77 dB μ V/m;
2. E-Field(dB μ V/m)=20log[E-Field(μ V/m)];
3. The Maximum E-Field please refer to the report S2025070248160101

The Maximum E-Field is less than 614 V/m, the measurement results comply with the FCC Limit per 47 CFR 2.1091 for the uncontrolled RF Exposure of mobile device.

CONCULISON:

The measurement results comply with the FCC Limit per 47 CFR 2.1091 for the uncontrolled RF Exposure of mobile device.

Statement

1. This report is invalid for the following states: without the special inspection and testing stamp or the official stamp of our institution; without the signature of the report authorized officer; if the report is altered.
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4. The report content is only applicable to the tested sample(s) this time.
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6. If the reports include both Chinese and English versions, when there are any inconsistencies caused by language, the Chinese version shall prevail.
7. This report is issued by the following laboratory premises:
3/F., Comprehensive Laboratory Building, No.8, Ningyun Road, Xinwu District, Wuxi, Jiangsu, China (Ningyun Road Laboratory)

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