



Fangguang Inspection & Testing Co., Ltd.



## 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

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(Stone Zhang)  
Senior Test Engineer

Approved By

Line Chen

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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

<b>Applicant:</b>	Tung Thih Electron(Xiamen) Co., Ltd
<b>Applicant Address:</b>	No.26, Hua-Sheng Rd., Hu Li District, Xiamen City, Fujian, China
<b>Manufacturer:</b>	Tung Thih Electron(Xiamen) Co., Ltd
<b>Manufacturer Address:</b>	No.26, Hua-Sheng Rd., Hu Li District, Xiamen City, Fujian, China
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<b>Test Site:</b>	Fangguang Inspection & Testing Co., Ltd.
<b>LAB ID:</b>	CN5037
<b>Test Site Address:</b>	No.8 Ningyun Rd., Xinwu District Wuxi, Jiangsu 214000 China
<b>FCC Rule Part(s):</b>	Part 15 Subpart C
<b>FCC ID:</b>	2BP7T-22439
<b>Test Device Serial No.:</b>	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°C~+85°C
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 <sup>2</sup> )	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 <sup>2</sup> )	<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 <sup>2</sup> )	<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 $\mu$ V/m)	Maximum E-Field at 0.2m (dB $\mu$ 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 $\mu$ V/m)@3m+40log(3/0.2) = 117.77 dB $\mu$ V/m;
2. E-Field(dB $\mu$ V/m)=20log[E-Field( $\mu$ 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

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4. The report content is only applicable to the tested sample(s) this time.
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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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