

EMF TEST REPORT

Test Report No. : OT-234-RWD-022

Reception No. : 2304001098

Applicant : TTCNC Co., Ltd

Address : AF0572 HangangDIMC TeraTower 202 Dasajigeumro, Namyangji-ci, Gyeonggi-do, Korea

Manufacturer : TTCNC Co., Ltd

Address : AF0572 HangangDIMC TeraTower 202 Dasajigeumro, Namyangji-ci, Gyeonggi-do, Korea

Type of Equipment : RF READER MODULE

FCC ID. : 2BAYV-NC-900

Model Name : NC-900

Multiple Model Name : N/A

Serial number : N/A

Total page of Report : 6 pages (including this page)

Date of Incoming : April 13, 2023

Date of issue : April 19, 2023

SUMMARY

The equipment complies with the regulation; *FCC CFR 47 § 1.1307*

This test report only contains the result of a single test of the sample supplied for the examination.

It is not a generally valid assessment of the features of the respective products of the mass-production.

This report is not correlated with the "KS Q ISO/IEC 17025 and KOLAS accreditation" of Korean Laboratory Accreditation Scheme.



Tested by
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Revision History

Rev. No.	Issue Report No.	Issued Date	Revisions	Section Affected
0	OT-234-RWD-022	April 19, 2023	Initial Issue	All

1. VERIFICATION OF COMPLIANCE

Applicant : TTCNC Co., Ltd
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FCC ID : 2BAYV-NC-900
Model Name : NC-900
Serial Number : N/A
Date : April 19, 2023

EQUIPMENT CLASS	DXX – Low Power Communication Device Transmitter
E.U.T. DESCRIPTION	RF READER MODULE
THIS REPORT CONCERNS	Original Grant
MEASUREMENT PROCEDURES	KDB 447498 D04 Interim General RF Exposure Guidance v01
TYPE OF EQUIPMENT TESTED	Pre-Production
KIND OF EQUIPMENT AUTHORIZATION REQUESTED	Certification
Modifications on the Equipment to Achieve Compliance	None

-. The above equipment was tested by ONETECH Corp. for compliance with the requirement set forth in the FCC Rules and Regulations. This said equipment in the configuration described in this report, shows the maximum emission levels emanating from equipment are within the compliance requirements.

2. GENERAL INFORMATION

2.1 Product Description

The TTCNC Co., Ltd, Model: NC-900 (referred to as the EUT in this report) is a Transmitter that it controls locking and unlocking the door of a vehicle. Product specification information described herein was obtained from product data sheet or user's manual.

DEVICE TYPE	RF READER MODULE
TRANSMITTING FREQUENCY	13.56 MHz
MODULATION	ASK
ANTENNA TYPE	PCB Antenna
LIST OF EACH OSC. or CRY. FREQ.(FREQ. >= 1 MHz)	27.125 MHz

2.2 Alternative type(s)/model(s); also covered by this test report.

-. None

3. EUT MODIFICATIONS

-. None

4. RADIO FREQUENCY EXPOSURE

4.1 Environmental evaluation and exposure limit

In accordance with KDB 447498 D04 Interim General RF Exposure Guidance v01.

1 mW Test Exemption according paragraph 2.1.2

Maximum measured power = 62.47 dB μ V/m = 3.2×10^{-4} mW at 13.56 MHz

with $P = (E \times d)^2 / (30 \times G_p)$ with $d = 3$ m and $G_p = 1$

The equipment fulfils the requirements on 1 mW Test Exemption according §1.1307(b)(3)(i)(A).