

Certificate of Test

NCT CO., LTD.

211-71, Geumgok-ro, Hwaseong-si, Gyeonggi-do, 18511, Republic of Korea
(Tel: +82-31-323-6070 / Fax: +82-31-323-6071)

Report No.:
NW2311-F001

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**1. Client**

- Name : CMITECH Co.,Ltd.
- Address : 4th floor office# 417~419, 136, LS-ro, Dongan-gu, Anyang-si, Gyeonggi-do, Republic of Korea
- Date of Receipt : 2023-10-13

2. Use of Report : FCC Approval**3. Test Sample**

- Description / Model : FACE CAMERA / NovaFace-2N-P
- FCC ID : 2AJY5-NF-2N-PUI

4. Place of Test : ☒ Fixed test ☐ Field test

(Address:211-71, Geumgok-ro, Hwaseong-si, Gyeonggi-do, 18511, Republic of Korea)

5. Date of Test : 2023-10-13 ~ 2023-10-26**6. Test method used : FCC Part 1.1310****7. Testing Environment :**

- Temperature: (25 ± 5) °C, Humidity: Less than 75 % R.H.

* Unless specified otherwise in the individual methods, the tests were conducted on ambient conditions.

8. Test Results : Refer to the test results

The results shown in this test report refer only to the sample(s) tested unless otherwise stated.
This Test Report cannot be reproduced, except in full
This test report is not related to KOLAS recognition and RRA designation.

Affirmation

Tested by

Jun-gi Sin

(signature)

Technical Manager

Il-shin, Kim

(signature)

Nov 22, 2023

NCT CO., LTD.



Contact us at report@nct.re.kr to confirm the authenticity of this report

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Test Repot No.: NW2311-F001

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www.nct.re.kr TEL: +82-31-323-6070 FAX: +82-31-323-6071

1. General Information's

1.1 Test Performed

Laboratory : NCT Co., Ltd.
Address : 211-71, Geumgok-ro, Hwaseong-si, Gyeonggi-do, 18511, Korea
Telephone : +82-31-323-6070
Facsimile : +82-31-323-6071
FCC Designation No. : KR0166
FCC Registration Number : 409631

2. Information's about Test Item

2.1 Applicant Information

Company name : CMITECH Co.,Ltd.
Address : 4th floor office# 417~419, 136, LS-ro, Dongan-gu, Anyang-si, Gyeonggi-do,
Republic of Korea
Telephone : +82-70-8633-8459
Facsimile : +82-31-624-4490

2.2 Equipment Under Test (EUT) description

Test item particulars : FACE CAMERA
Model and/or type reference : NovaFace-2N-P
Additional model name : NovaFace-2N, NovaFace-2N-I, NovaFace-2N-PI, NovaFace-2N-U,
NovaFace-2N-PU, NovaFace-2N-UI, NovaFace-2N-PUI
Model different description : See section 2.3
Serial number : Prototype
Antenna type : PCB Loop Antenna
Date (s) of performance of tests : 2023-10-18 ~ 2023-10-26
Date of receipt of test item : 2023-10-13
EUT condition : Pre-production, not damaged
Number of channel : 1
EUT Power Source : DC 15.0 V(Adaptor) / DC 48.0 V(PoE)
Type of Modulation : ASK
Firmware version : 1.0
Hardware version : 1.0
Test software name(version) : -

Test Repot No.: NW2311-F001

2.3 Model different description

Base Model	Partial Model	Difference
NovaFace-2N-P	NovaFace-2N	1. The basic model and the partial model are electrically the same circuit. 2. The software is different. (Customer company logo is displayed during booting)
	NovaFace-2N-I	
	NovaFace-2N-PI	
	NovaFace-2N-U	
	NovaFace-2N-PU	
	NovaFace-2N-UI	
	NovaFace-2N-PUI	

2.4 Tested Frequency

	Low frequency	Middle frequency	High frequency
Frequency (MHz)	-	13.56	-

3. Test Report

3.1 Test Report Version

Test Report No.	Date	Description
NW2311-F001	2023-11-22	Initial issue

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3.2 RF Exposure evaluation

According to 447498 D04 Interim General RF Exposure Guidance v01

Per § 1.1307(b)(3)(i)(A), a single RF source is exempt RF device (from the requirement to show data demonstrating compliance to RF exposure limits, as previously mentioned) if the available maximum time-averaged power is no more than 1 mW, regardless of separation distance.

This exemption applies to all operating configurations and exposure conditions, for the frequency range 100 kHz to 100 GHz, regardless of fixed, mobile, or portable device exposure conditions. This is a standalone exemption, and it cannot be applied in conjunction with any other test exemption

According to ANSI C63.10

where:

$$\text{EIRP(dBm)} = \text{E(dBuV/m)} - 95.3$$

$$\text{ERP} = \text{EIRP} - 2.15 \text{ dB}$$

$$\text{E} = \text{Field Strength (dBuV/m)}$$

$$\text{So ERP} = \text{E(dBuV/m)} - 95.3 - 2.15$$

Frequency(MHz)	Field Strength (dBuV/m)	ERP (mW)	Limit (mW)
13.56	63.83	0.000435	1

So a SAR test is not Required.