

**Nien Made Enterprise Co., Ltd**

# TEST REPORT

**Model:**

BMCS-RF

**REPORT NUMBER**

240300315THC-001R1

**ISSUE DATE**

Mar. 27, 2025

**PAGES**

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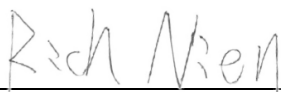
GFT-OP-10h (28-Nov-2018)

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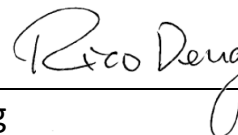


# Maximum Permissible Exposure (MPE) Evaluation Report

<b>Applicant:</b>	Nien Made Enterprise Co., Ltd 26F.-1, No. 98, Shizheng N. 7th Rd., Xitun Dist., Taichung City 407, Taiwan
<b>Product:</b>	Motorized cellular shade RF module
<b>Model No.:</b>	BMCS-RF
<b>FCC ID:</b>	Q3V-BMCS1
<b>Test Method/ Standard:</b>	47 CFR FCC 1.1310 KDB 447498 D01 V06
<b>Test By:</b>	Intertek Testing Services Taiwan Ltd., Hsinchu Laboratory No. 17, Ln. 246, Niupu S. Rd., Xiangshan Dist, Hsinchu City 300075, Taiwan
<b>Note:</b>	This report is issued as a supplementary document and shall be used combined together with original report no.: 240300315THC-001.



Rich Nien  
Engineer



Rico Deng  
Reviewer

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## Revision History

Report No.	Issue Date	Revision Summary
240300315THC-001	Apr. 16, 2024	Original report
240300315THC-001R1	Mar. 27, 2025	Change the zero-ohm jumper(R60) to a diode (D40) to prevent the motor output from draining the capacitor after power loss, and add a 220uF electrolytic capacitor (C86) to extend the duration of 3.3V power supply. After engineer judgment, the difference does not affect the RF characteristic; the model was evaluated and deemed to meet the standard requirement.

## Summary of Tests

### MPE Evaluation meet FCC OET No. 65: 1997, IEEE C95.1-2005

Test	Reference	Results
MPE Evaluation	FCC Guidelines for Human Exposure IEEE C95.1	Complies

Note: Please note that the test results with statement of conformity, the decision rules which are based on: Safety Testing: the specification, standard or IEC Guide 115.

Other Testing: the specification, standard and not taking into account the measurement uncertainty.

## 1. General Information

### 1.1 Identification of the EUT

<b>Product:</b>	Motorized cellular shade RF module
<b>Model No.:</b>	BMCS-RF
<b>Operating Frequency:</b>	2415, 2439, 2459MHz
<b>Channel Number:</b>	3 channels
<b>Rated Power:</b>	DC 7.4V from battery
<b>Power Cord:</b>	N/A
<b>Sample receiving date:</b>	2024/01/12
<b>Sample condition:</b>	Workable
<b>Test Date(s):</b>	2024/2/23

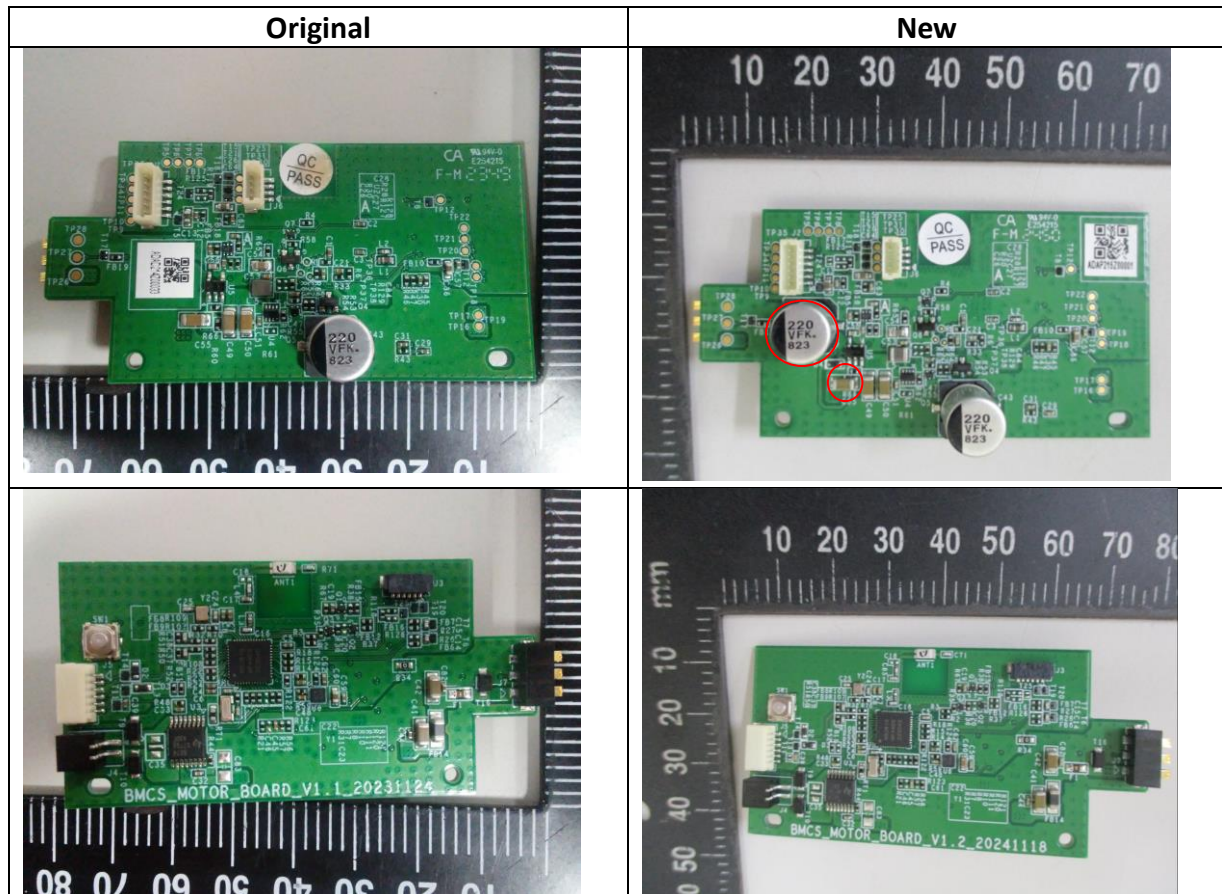
### 1.2 Antenna description

Antenna Type: Chip Antenna

Connector Type: Fixed

### 1.3 Additional information about the EUT

Change the zero-ohm jumper(R60) to a diode (D40) to prevent the motor output from draining the capacitor after power loss, and add a 220uF electrolytic capacitor (C86) to extend the duration of 3.3V power supply.



After engineer judgment, the difference does not affect the RF characteristic; the model was evaluated and deemed to meet the standard requirement.