

April 2, 2025

Nemko North America, Inc.
303 River Road, Ottawa, ON K1V 1H2 Canada
Attn: Director of Certification

Family Certification request letter

We are writing to request Family Certification for the following models associated with our product:

- **FCC ID:** TMB-OSDI4W1
- **ISED Certification Number:** IC: 6028A-OSDI4W1
- **HVIN/Model number:** CL-R0353A-6.3, CL-R0368A-1.4, CL-R0368B-1.2
- **PMNs/Model names:** OSDI-4000-1x (x depends on firmware)

While these models share similarities, there are minor modifications that need to be documented. Below, we provide the necessary details:

1. Electrical Differences:

- ☐ The models are electrically identical.
- ☒ Although the circuitry and components are largely identical, there are specific variations between the models. These differences include:
 - CL-R0353A-6.3 is the original grant not produced anymore.
 - CL-R0368B-1.1 has the same schematics as the CL-R0353A-6.3
 - CL-R0368A-1.3 is an improvement of CL-R0368B-1.1 with an additional RF switch and attenuator to increase the low side output power range, all granted as a family in 2018.
 - CL-R0368A-1.3 and CL-R0368B-1.1 have the same PCB layout.
 - CL-R0368A-1.4 and CL-R0368B-1.2 are layout revision updates of CL-R0368A-1.3 and CL-R0368B-1.1 to ease manufacturing with minor changes; no RF characteristics have changed with that new PCB layout.

2. Antenna Type and Gain:

- ☒ All models share the same antenna type and gain.
- ☐ All models share the same antenna type, but there may be slight variations in gain. Specifically:
 - [Specify any differences in antenna gain or design between the models.]

3. Enclosure Details:

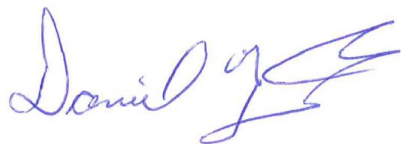
- ☒ The enclosures are consistent across models.
- ☐ The enclosures exhibit minor differences. These include:
 - [Describe any variations in enclosure shape, size, color, or control features.]

Test Results Applicability:

The test results obtained for one model within this family can be applied to all other models, considering their similarities. However, any significant differences (e.g., frequency bands, power levels, or functionality) must be clearly documented.

We appreciate your attention to this matter and look forward to a prompt review of our Family Certification request. If you require any additional information or clarification, please do not hesitate to contact us.

Sincerely,

A handwritten signature in blue ink, appearing to read "Daniel Tousignant", written over a horizontal line.

Signed by:

Signature

Daniel Tousignant

Print name

Principal Engineer

Title

(450) 405-7861

Phone