

SHINKAWA Sensor Technology, Inc.

DATE **April 21, 2009**

Nemko Canada Inc
303 River Road
Ottawa, Ontario, Canada
K1V 1H2

Attn: Director of Certification

Request for Limited Single Modular Approval for FCC ID: XBNSD-1M

Please accept our request for Limited Single Modular Approval in accordance with the requirements of 15.212 as described below.

15.212(a)(1) Single modular transmitters must meet the following requirements to obtain a modular transmitter approval for use in the grantee's own copy machines.

- (i) This module does not have its own shielding because this is a Limited Modular Approval for use in the grantee's own SWiNS Series Smart Wireless Network Sensing System.
- (ii) This module has data buffer. Data input to Modular transmitter is controlled as not generating excessive data speed and abnormal modulation.
- (iii) This module is integrated with Power Supply regulator.
- (iv) This module has a dedicated external antenna.
No other antenna except ones that were tested can be used with the equipment and that the end user cannot easily use and unapproved antenna.
- (v) This module was tested in a standalone-configuration for radiated emissions, the module was tested inside the grantee's own SWiNS Series Smart Wireless Network Sensing System for conducted emissions as this is representative of a typical installation. This is a limited modular approval for use in the grantee's own SWiNS Series Smart Wireless Network Sensing System.
- (vi) The SWiNS Series Smart Wireless Network Sensing System will be labeled with "Contains FCC ID: **XBNSD-1M**"
- (vii) This module complies with requirements of part 15.209 for AC power line conducted emissions and part 15.249 for operation in 2405 – 2480 MHz frequency band and must only be used with the following antenna that were tested in this filing:

(viii) This module complies with the general population/uncontrolled exposure requirements of 1.1310 for fixed indoor and outdoor applications at a distance of 20 cm or more from the radiating element using antennas that were tested in this filing.

Dated 21 *Day of April* 20 09
this _____

Agency agreement expiration date: Usually Give 8 - 12 Months

By: Kosuke Miyauchi *Signature* Kosuke Miyauchi *Printed*

Title: _____

On behalf of: Shinkawa Sensor Technology, Inc.

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