

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:

Dated 21 **Day of** April 20 09
this

By: Kosuke Miyauchi Kosuke Miyauchi
Signature Printed

On behalf of: **Shinkawa Sensor Technology, Inc.**

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