

TCB**GRANT OF EQUIPMENT
AUTHORIZATION****TCB**

Certification
Issued Under the Authority of the
Federal Communications Commission
By:

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

Date of Grant: 06/24/2016

Application Dated: 06/23/2016

SparkLAN Communications, Inc.

8F., No.257, Sec. 2, Tiding Blvd., Neihu District,

**Taipei,
Taiwan**

Attention: Robert Wang , Executive Assistant to CEO

NOT TRANSFERABLE

EQUIPMENT AUTHORIZATION is hereby issued to the named GRANTEE,
and is VALID ONLY for the equipment identified hereon for use under the
Commission's Rules and Regulations listed below.

FCC IDENTIFIER: RYK-WUBR508N
Name of Grantee: SparkLAN Communications, Inc.
Equipment Class: **Unlicensed National Information
Infrastructure TX**
Notes: **802.11abgn, USB module**
Modular Type: **Single Modular**

<u>Grant Notes</u>	<u>FCC Rule Parts</u>	<u>Frequency Range (MHZ)</u>	<u>Output Watts</u>	<u>Frequency Tolerance</u>	<u>Emission Designator</u>
38 CC MO	15E	5180.0 - 5240.0	0.0332		
38 CC MO	15E	5260.0 - 5320.0	0.096		
38 CC MO	15E	5500.0 - 5700.0	0.083		
38 CC MO	15E	5745.0 - 5825.0	0.1507		

Output power listed is the maximum combined conducted output power as indicated in the filing. Approval is limited to OEM installation only. The antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. OEM integrators must be provided with antenna installation instructions. OEM integrators and end-users must be provided with transmitter operation conditions for satisfying RF exposure compliance. This grant is valid only when the device is sold to OEM integrators and the OEM integrators are instructed to ensure that the end user has no manual instructions to remove or install the device. Device is operating in a 2T2R Spatial Multiplexing MIMO configuration as described in this filing. This transmitter is restricted to indoor use only within the 5.15-5.25 GHz band. When operating in 802.11n, 40 MHz mode, the operating frequency segment is

limited to 5190 to 5230 MHz, 5270 to 5310 MHz, 5510 to 5670 MHz, and 5755 to 5795 MHz accordingly.

38: This device has shown compliance, in all grant-listed U-NII sub-bands, with the new rules for U-NII devices adopted under Docket No. 13-49 and may be marketed, manufactured or imported after the June 1, 2016 transition deadline.

CC: This device is certified pursuant to two different Part 15 rules sections.

MO: This Multiple Input Multiple Output (MIMO) device was evaluated for multiple transmitted signals as indicated in the filing.

