

TCB**GRANT OF EQUIPMENT
AUTHORIZATION****TCB****Certification****Issued Under the Authority of the
Federal Communications Commission****By:****PHOENIX TESTLAB GmbH
Koenigswinkel 10
D-32825 Blomberg,
Germany****Date of Grant: 06/11/2012****Application Dated: 06/11/2012****SparkLAN Communications, Inc.
8F., No.257, Sec. 2, Tiding Blvd., Neihu District,
Taipei,
Taiwan****Attention: Alex Kuo , Product Management Dept. Director****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>
CC MO	15E	5180.0 - 5240.0	0.02		
CC MO	15E	5190.0 - 5230.0	0.036		
CC MO	15E	5260.0 - 5320.0	0.096		
CC MO	15E	5270.0 - 5310.0	0.068		
CC MO	15E	5500.0 - 5700.0	0.083		
CC MO	15E	5510.0 - 5670.0	0.071		

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 and 5510 to 5670 MHz accordingly.

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.