

TCB**GRANT OF EQUIPMENT
AUTHORIZATION****TCB****Certification****Issued Under the Authority of the
Federal Communications Commission****By:****Telefication B.V.
Edisonstraat 12a
Zevenaar, NL-6902 PK
Netherlands****Date of Grant: 09/18/2015****Application Dated: 09/18/2015****Summit Data Communications, Inc.****526 South Main Street****Suite 805****Akron, OH 44311****Attention: Sue White , Documentation/Certification Manager****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: TWG-SDCPE15N

Name of Grantee: Summit Data Communications, Inc.

Equipment Class: **Unlicensed National Information
Infrastructure TX**

Notes: **802.11ag/draft 802.11n WLAN PCI-E
Minicard**

Modular Type: **Limited 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	0.033		
38 CC MO ND	15E	5260.0 - 5320.0	0.106		
38 CC MO ND	15E	5500.0 - 5700.0	0.154		
38 CC MO	15E	5745.0 - 5825.0	0.037		

Power listed is the maximum combined peak conducted output power. Device is a PCI-E Mini Card operating in 2x2 Spatial Multiplexing/Cyclic Delay Diversity MIMO configurations and single-stream legacy modes as described in this 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. 5.15-5.25 GHz band is limited for indoor operation only.

Class 2 change : This change is to comply with new rules for U-NII devices adopted under Docket No. 13-49.

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, installed 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.

ND: This UNII device complies with the Transmit Power Control (TPC) and Dynamic Frequency Selection (DFS) requirements in Section 15.407(h).

