

**TCB**

**GRANT OF EQUIPMENT  
AUTHORIZATION**

**TCB**

**Certification**

**Issued Under the Authority of the  
Federal Communications Commission**

**By:**

**Elliott Laboratories, LLC  
684 West Maude Avenue  
Sunnyvale, CA 94085-3518**

**Date of Grant: 02/09/2010**

**Application Dated: 02/08/2010**

**Summit Data Communications, Inc.  
526 South Main Street  
Suite 411  
Akron, OH 44311**

**Attention: Ronald Seide , President**

**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:** Digital Transmission System  
**Notes:** 802.11a/g/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>
36 CC	15C	2412.0 - 2462.0	0.442		
36 CC MO	15C	2412.0 - 2462.0	0.798		
36 CC MO	15C	2422.0 - 2452.0	0.221		
36 CC	15C	5745.0 - 5825.0	0.266		
36 CC MO	15C	5745.0 - 5825.0	0.521		
36 CC MO	15C	5755.0 - 5795.0	0.521		

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.

- 36: Certain antennas used with this equipment require a minimum cable length, or have output power limitations as documented in the application.
- 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.