



**GRANT OF EQUIPMENT  
AUTHORIZATION**



**Certification**

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

**By:**

**ACB, Inc.  
6731 Whittier Avenue Suite C110  
McLean, VA 22101**

**Date of Grant: 10/11/2011  
Application Dated: 10/11/2011**

**Intel Mobile Communications  
100 Center Point Circle  
Suite 200  
Columbia, SC 29210**

**Attention: Steven Hackett , Product Regulations Engineer**

**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:** PD96235ANH  
**Name of Grantee:** Intel Mobile Communications  
**Equipment Class:** Unlicensed National Information Infrastructure TX  
**Notes:** Intel Centrino Advanced-N 6235  
**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	0.045		
CC MO	15E	5190.0 - 5230.0	0.044		
CC MO ND	15E	5260.0 - 5320.0	0.046		
CC MO ND	15E	5270.0 - 5310.0	0.04		
CC MO ND	15E	5500.0 - 5700.0	0.045		
CC MO ND	15E	5510.0 - 5670.0	0.044		

Power Output listed is conducted. Limited Modular Approval. The antenna(s) used for this device must not be co-located with any other transmitters, except in accordance with FCC multi-transmitter product procedures. This module is approved in mobile/portable configurations. Only those antenna(s) tested with the device or similar antenna(s) with equal or lesser gain may be used with this transmitter. This transmitter is restricted to indoor use only within the 5.15-5.25GHz and 5470-5725GHz bands. The transmitter is also restricted under the premise that it shall meet all the other requirements specified in Section 15.407 and no configuration controls are provided to change the frequency of operations outside the grant of certification for US operation. Grantee must coordinate with OEM integrators to determine applicable host configurations to ensure RF exposure compliance, including simultaneous transmission SAR requirements according to published KDB 616217 Supplement documentation. When all conditions of this filing cannot be met installation of this device into specific final products may require the submission of a permissive change application, containing appropriate data demonstrating compliance, or a new application. OEM/Host integrators must be provided with antenna installation instructions and transmitter operating conditions to satisfy RF exposure compliance. OEM/Host integrator is responsible

for complying with the instructions and requirements for each transmitter they choose to integrate into a host product.

The highest measured body SAR value at 12mm antenna-to-user separation distance in Laptop/Notebook/Netbook and Tablet Computer hosts is: 0.39 W/kg.

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).