

Certification
Issued Under the Authority of the
Federal Communications Commission

By:

Compliance Certification Services
47173 Benicia Street
Fremont, CA 94538

Date of Grant: 02/22/2012

Application Dated: 02/22/2012

Qualcomm Atheros, Inc.
1700 Technology Dr
San Jose, CA 95110

Attention: Paul Guckian , Vice President, Regulatory Engineering

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: PPD-AR5B22SB
Name of Grantee: Qualcomm Atheros, Inc.
Equipment Class: Digital Transmission System
Notes: PCIE 802.11b/g/n 2.4GHz + USB BT 4.0 card
Modular Type: Single Modular

Grant Notes

	<u>FCC Rule Parts</u>	<u>Frequency Range (MHZ)</u>	<u>Output Watts</u>	<u>Frequency Tolerance</u>	<u>Emission Designator</u>
CC	15C	2402.0 - 2480.0	0.003		
CC MO	15C	2412.0 - 2462.0	0.479		
CC MO	15C	2422.0 - 2452.0	0.311		

Output power is conducted. This module may only be installed by the OEM or an OEM integrator. Device operates with specific antennas in MIMO configurations as described in this filing. 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. The antenna(s) used for this device must be installed to provide a separation distance of at least 1.5cm from all persons, and the separation distance between the main and auxiliary antennas shall be at least 3cm when positioned horizontally or vertically. 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. The highest reported SAR value is 0.28W/Kg.