



10 July 2009

BABT FCB  
Balfour House,  
Churchfield Road,  
Walton-on-Thames,  
Surrey,  
KT12 2TD

REF: Class II permissive change, pursuant to section 2.1043, for FCC ID: PPD-AR5BxB63

Dear Sir or Madam,

Pursuant to section 2.1043, *Atheros Communications, Inc. hereby submit a request for class II permissive change to our 802.11 b/g PCIExpress Minicard, model AR5BxB63, FCC ID: PPD-AR5BxB63.*

*Description of the change:*

- 1) *The product PPD-AR5BxB63 will be installed in the following model of notebooks:*

**PC-81006N**

*The antenna connected for the PPD-AR5BxB63 is located in the display of the notebook and it have gain of less than 1 dBi. More detail about the antenna position, the gain and type of antenna are provided in operation description.*

- 2) *The above mentioned notebook may have installed the following co-located transmitters.*

Notebook	Bluetooth transmitters	
	model	FCC ID
PC-81006N	PC-81006N	SMFPC81006N

*The antenna connected for the BT transmitter are located on the Main board's PCB track and it has a gain less than 1 dBi. More detail about the antenna gain, position and the gain type of antennas are provided in the operation description.*

*PC-81002N configuration is:*

Bluetooth transmitters		WLAN transmitters	
model	model	model	FCC ID
PC-81006N	PC-81006N	AR5BxB63	PPD-AR5BxB63

- 3) *Two-ways authentication is implemented for user's installable modules.*

*Complicance / Responsibility statements:*

- Test report according to Part 15C of original grant remains valid and applicable and they are representative of the compliance of this module once it is installed in the indicated notebook.*
- New exhibit (SAR test report) to demonstrate compliance with RF exposure requirement are submitted with this application.*
- the product remains compliant with all the applicable rules and requirements once installed in the PC-81006N according to the configurations covered by this application and host product manufacturer will be instructed to follow the approved configuration.*
- Changes in the configuration indicated in this application and final compliance of the host device + modules composite system fall under the responsibility of the host product manufacturer.*

Sincerely,

Michael Green, Global Product Compliance  
[mgreen@atheros.com](mailto:mgreen@atheros.com)