



Date: November 27, 2008
Federal Communications Commission
Authorization and Evaluation Division
7435 Oakland Mills Road
Columbia, MD 21046

Attn: OET Dept.

Ref: FCC Class II Permissive change for FCC ID: PPD-AR5B91
Original Grant Date: 02/24/2008
Applicant: Atheros Communications, Inc.

Dear Examiner,

This is to request a Class II permissive change for FCC ID: PPD-AR5B91
, originally granted on 02/24/2008

Please be informed that our major change in equipment under this application is as
below:

The major change filed under this application is:

1. Add one dipole Antenna with 3.2dBi ant gain, detail please refer to antenna spec.
And list others ants with same type lower gain ants at the same time as the
following list:

<u>Ant. Part Number (main & aux parts)</u>	<u>Type</u>	<u>Antenna Manufacturer</u>	<u>2.4 band max. ant gain</u>
CAN4313 717 012501B (Main / Aux)	PIFA	YAGEO	1.39
APP6P-700136 (L) / APP6P-700137 (R)	PIFA	ACON	-1.08
CAN4313 794 012501B (Main)/ CAN4313 794 022501B(Aux)/ CAN4313 583 032501B (MIMO)	PIFA	YAGEO	1.45
APP6P-700189 (Main) / APP6P-700192 (Aux)	PIFA	ACON	-0.31
2023666-1 (R) / 2023665-1 (L) / 2023667-1 (MIMO)	PIFA	TYCO	-0.28
CAN4313 810 012501B(Main)/ CAN4313 810 022501B (Aux)	PIFA	YAGEO	1.47
APP6P-700093 (R) / APP6P-700098 (L)	PIFA	ACON	1.00
CAN4313 770 012501B(Main) / CAN4313 770 022501B(Aux) / CAN4313 770 032501B(MIMO)	PIFA	YAGEO	1.75
CAN4313 659 022501B (Main / Aux)/ CAN4313 659 032501B (MIMO)	PIFA	YAGEO	0.10
90ZLAATA0039A	PIFA	ASLINK	1.7
2023840-1	PIFA	TYCO	0.53
CAN4313 748 012501B (Main) / CAN4313748032501B (2 END Cable)	PIFA	YAGEO	-0.56
EAM-S-13-003	PIFA	INPAQ	1.22
90ZLARFC0023A	Dipole	ASLINK	2.00
90ZLARFC0022A	Dipole	ASLINK	2.00
DAMA1BM3000402	Dipole	INPAQ	3.20
2023901-1	Dipole	TYCO	0.53

2. Add the other alternative pin to pin PA, detail please refer to PA datasheet.

If you have any questions regarding this application, please feel free to contact me.

Sincerely yours,



Atheros Communications, Inc.