



Date: April 7, 2005

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: QDS-BRCM1017
Applicant: Broadcom Corporation

Dear Examiner,

This is to request a Class II permissive change for FCC ID: QDS-BRCM1017, originally granted on 3/8/2005.

The major changes filed under this application are:

Change #1 Adding alternate Fairchild power amp. The associated layout and filter circuitry is the same. The average power in packet is maintained the same as the original filing.

Testing was performed with the antennas listed below. Antennas with highest gains in each band were tested for stamped metal antennas.

Antenna Manufacturer	Antenna Type	Model	Peak gain @ 2400-2483.5MHz	Peak gain 5150-5350MHz	Peak gain @ 5725-5850
WNC	Stamped metal	81.ED415.002	3.24dBi (Main)	1.51dBi (Main)	-0.35dBi (Main)
Hitachi	Stamped metal	HFT17-DL03	1.5dBi (Main)	5.1dBi (Main)	5.7dBi (Main)

For the original filing, we were informed that the Hitachi antenna was a different antenna type (i.e. PCB and not stamped metal). Based upon this information, testing was performed on both antennas. After further investigation, it was confirmed by the supplier that both antennas were of the stamped metal type.

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

Sincerely yours,

Daniel Lawless
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