BROADCOM CORPORATION
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Date: September 16, 2013

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-BRCM1068
(Original Grant Date: 10/16/2012)
Applicant: Broadcom Corporation

Dear Examiner,

This is to request a Class II permissive change for FCC ID: QDS-BRCM1068. There are no hardware or electrical modifications made to the applying modular transmitter.

The major changes filed under this application are:

Change # 1. The subject approved module is being used in a different host (Portable category Configuration, Host Brand/Model: See test report) with a closer antenna to end user distance of 1.5mm.

Change # 2. Antennas of the same type, with less gain than antennas of previously authorization are installed into the host of laptop platform.

The gain of the respective antennas is listed as follows:
Original Gain: 3.9dBi in 2.4GHz, 5.8dBi in 5GHz.

New Gain:
Main: Type: Maximum Gain: 2.15dBi(2.4G).,
Aux: Type: Maximum Gain: -0.39dBi(2.4G).
Main: Type: Maximum Gain: -1.06dBi(5.2G).
Main: Type: Maximum Gain: -0.82dBi(5.6G).
Aux: Type: Maximum Gain: -1.67dBi(5.2G).
Aux: Type: Maximum Gain: -2.05dBi(5.6G)

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Change # 3. SAR Testing has been performed to demonstrate RF Compliance.
There is no change in hardware or in existing RF relevant portion.

Change # 4. This project has the two host labels: 65W is for UMA and 90W is for DIS, two host uses the same motherboard, the difference is the graphic chip is SMT or not.

Installation and operating requirements, including restrictions for the most conservative antenna-to-user separation distance and host platform(s), approved in the equipment authorization are documented in the OEM integrators instruction. This also includes the information to the end users on how to comply with RF exposure requirements.

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

Sincerely yours,

Daniel Lawless
Director of Engineering, Systems Operations
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