

February 5, 2010

RE: FCC ID: TWG-SDCPE15N

Attention:

Please find our responses to your comments on this application below:

1. MPE calculation for the 2.4 GHz band does not account for the original antenna which had a gain of 3.9dBi (higher than the gain of the newly added antenna). Please either amend the current MPE calculation or include the original MPE calculation for the DTS bands.

Response: See revised DTS MPE calculation and RSS-102 declaration exhibit.


2. The MPE calculation for the NII bands shows an eirp in HT40 mode in excess of 200mW at 5190 MHz. The maximum permitted eirp in the 5150-5250 MHz band is 23dBm (200 mW). The MPE calculation needs to be corrected and the installation instructions need to explain that the output power with the Huber+Suhner, SOA 2459/360/5/0/V_C antenna needs to be reduced in the lower NII band.

Response: The MPE calculation used the worse possible case of the original power and the new antennas. The final shipping power will be reduced by the Summit driver utility to the levels shown in the test report (pg 65 of the pdf). A revised MPE exhibit has been generated using the power measured at maximum setting of the Summit driver for the HT40 mode.

3. Please explain/confirm that the software utility used by the OEM to set the output power for their specific host system/antenna combination is not accessible to the end user and the end user will not be able to increase power above the required OEM-setting.

Response: The Summit Manufacturing Utility (SMU) is the software utility used to configure the regulator domain and power settings. Summit instructs the OEM that they must remove the SMU before the host product is provided to end-users.

Regards,



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Updated Exhibits:

Revised MPE – DTS and UNII
Revised RSS-102 declaration