Panasonic
ideas for life

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ITPD-08-F006A

To:	Mr. Gregory Czumak / PCTEST TCB
Re:	FCC ID: ACJ9TGCF-744
Applicant:	Panasonic Corporation of North America
Correspondence Reference Number:	ACJ80337
Confirmation Number:	804240363-66
Date of Original Email:	June 12, 2008

This is in response to your request for additional information.

1. Please submit the schematics and block diagrams (incl. clocks/oscillators) for the BT and WLAN transmitters (DSS, DTS and NII applications).
   Answer: Under e-mail attachment I am sending Alps BT Model UGNZA block and schematic diagrams for FCC Part 15C (DSS). I have again requested these block and schematic diagrams to be upgraded to reflect all of the employed clock/oscillator frequencies; however as of today I have not yet received such updated documents. Also, I have been advised by ITPD factory that Intel has provided PCTEST with the requested Model 512AN_MMW confidential documents to support this filing for FCC Parts 15C (DTS) and Part 15E (NII).

2. Please submit the Operational Description for the WLAN transmitter (DTS and NII applications).
   Answer: Please refer to separately filed Intel Model 512AN_MMW confidential documents, which I have been advised contain the requested operational description.

3. Please verify compliance of the NII transmitter with 15.407(c).
   Answer: Please refer to the provided confidential documents, which includes description how NII transmitter automatically discontinue transmission in case of either absence of information to transmit or operational failure.

4. Please specify the WWAN and WLAN antenna gain for each frequency band
   Answer: This PC contains the following type transmitter antennas and antenna gains: (1) BT Inverter-F type with 1.82 dBi antenna gain; (2) WLAN Main TX/RX Inverter-F type with 1.19 dBi antenna gain at 2.4 GHz and 1.63 dBi antenna gain at 5 GHz and Aux RX only Inverter-F type with 3.08 dBi antenna gain; and (3) Sierra Main TX/RX Whip type with 2.63 dBi antenna gain at 850 MHz and 2.96 dBi antenna gain at 1900 MHz and Aux RX only antenna.

5. The Cover Letter states that the WLAN auxiliary antenna is TX/RX, but the MPE Report and the last page of the photographs exhibit indicate RX only. Please clarify, and revise accordingly.
   Answer: The WLAN Aux Antenna is RX only and under e-mail attachment I am sending amended FCC cover letter to reflect this correction.

6. Please provide a photo showing the distance of each antenna from the bottom of the pc, in order to justify the mobile classification wrt RFx.
   Answer: Under e-mail attachment I am sending marked-up antenna location photographs. All transmitter antennas are located greater than 20 cm between all the antennas and all person's body (excluding extremities of hands, wrist and feet) during wireless modes of operation.

Sincerely yours,

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