

August 16, 2006

ITPD-06-F009A: WLAN Part 15C / DTS / EA434113

ITPD-06-F009B: UNII Part 15E / NII / EA802725

ITPD-06-F009C: EVDO Parts 22H, 24E / PCB / EA723908

To: Stanley Lyles / FCC Application Processing Branch  
FCC ID: ACJ9TGCF-W51  
Applicant: Panasonic Corporation of North America  
731 Confirmation Numbers: EA434113, EA802725, EA723908  
Correspondence Ref Numbers: 31384, 31385, 31383  
Subject: Laptop Computer, Model CF-W5 Family with Intel WLAN(a+b+g) and Sierra EVDO

1) SAR test photos not found - please submit, including revised cover letter for short-term confidentiality for all test setup photos if appropriate.

Answer: SAR test set-up photographs and amended cover letter with additional short-term confidentiality request for all submitted test setup photographs has been filed.

2) CF-W5 user manual shows position of WLAN antennas, but not pt22/24 antenna(s) - if updated user manual is available, please submit.

Answer: The WLAN Main TX/RX and Aux TX/RX antennas are located in the bottom keyboard; and the EVDO Main TX/RX and Aux TX/RX antennas are located in top LCD. Refer to additional filed photograph.

3) What is distance from closest point of pt22/24 antenna(s) to bottom of base of laptop?

Answer: The EVDO's transmitter antennas are located in the LCD and are located greater than 20 cm from the bottom base of the laptop. As such, the WLAN is portable and the EVDO is mobile applications.

4). The operation description exhibit shows 5.47-5.725GHz capabilities. Please clarify if this band is available on this device and submit test data as required.

Answer: The provided operational description inadvertently included future specifications for operation within 5.47-5.725GHz. At this time, this product is not intended to be marketed for operation within frequency band.

5) In accordance with OET/Lab grant power listing procedures (e.g., July 2006 TCB conference call, repeated below for convenience), max radiated power will be listed in grant notes. Please explain and /or revise filing to clarify what are measured maximum radiated powers for this transmitter integrated into this specific final-product.

Answer: The Parts 15C and 15E output powers were reported as Peak Conducted Output Power. The Parts 22H and 24E output powers were reported as ERP and EIRP. The highest reported SAR measurements are 0.657 W/kg 802.11b Body SAR; 0.663 W/kg 802.11g Body SAR; 0.648 W/kg 802.11a (5.3GHz) Body SAR; and 1.25 W/kg 802.11a (5.8 GHz) for Body SAR.

Sincerely yours,

*Richard Mullen*

Richard Mullen  
Group Manager