

May 15, 2008  
ITPD-08-F005A

Federal Communications Commission  
7435 Oakland Mills Road  
Columbia, MD 21046 USA

Subject: Authority to Act as FCC Agent for Panasonic Mobile Personal Computer, Model CF-52mk2 Family  
TCB Certification for FCC ID: ACJ9TGCF-523

- Alps Bluetooth Model UGNZA
- Intel WLAN Intel WLAN(a/b/g/n) Model 512AN\_MMW
- Qualcomm WWAN (HSDPA3.6 + EVDO Rev A), Model UNDP-1

To Whom It May Concern:

On behalf of Panasonic Corp. of North America, we hereby authorize PCTEST Engineering Laboratory, Inc., to act on our behalf in matters relating to FCC equipment authorization, including the signing of documents relating to these matters. Any and all acts carried out by PCTEST on our behalf shall have the same effect as acts of our own. This project represents Mobile Personal Computer, Model CF-52mk2 Family with Intel CPU, type Core2 Duo P8400 (2.26GHz) or Core2 Duo P8600 (2.4GHz), which will be marketed under FCC ID: ACJ9TGCF-523. This product will be marketed with the detailed co-located transmitters:

(1) Alps Bluetooth, Model UGNZA (Alps has no FCC ID):

Alps Bluetooth Model UGXZA under specification Ver 2.0 + ERD has maximum symbol rate of 1~3Mbps.

| <u>FCC Rule Part</u> | <u>Type</u> | <u>Freq Range (MHz)</u> | <u>Output Watts</u> |
|----------------------|-------------|-------------------------|---------------------|
| Part 15C             | DSS         | 2402~2480               | 0.0233              |

(2) Intel WLAN Model 512AN\_MMW (802.11a/b/g/n) (Intel FCC ID: Pending)

This device complies with Dynamic Frequency Selection requirements in R&O FCC 03-287 as a client only device without radar detection capability. Model 512AN\_MMW is compatible with 802.11a/b/g/n. To enable marketing in Asia Pacific and Europe, this WLAN may have its 802.11a/n functions disabled by factory set EEPROM settings. Model 512AG\_MMW is compatible with 802.11a/b/g and Model 512BG\_MMW is compatible with 802.11b/g.

| <u>FCC Rule Part</u> | <u>Type</u>         | <u>Freq Range (MHz)</u> | <u>Output Power</u> |
|----------------------|---------------------|-------------------------|---------------------|
| Part 15C             | 802.11(b)           | 2412~2462               | 27.1 mW             |
| Part 15C             | 802.11(g)           | 2412~2462               | 33.96 mW            |
| Part 15C             | 802.11(a)           | 5745~5825               | 29.44 mW            |
| Part 15C             | 802.11(n)           | 2412~2462               | 33.81 mW            |
| Part 15C             | 802.11(n)           | 5745~5825               | 25.53 mW            |
| Part 15E             | 802.11(a) Low Band  | 5180~5240               | 34.12 mW            |
| Part 15E             | 802.11(a) High Band | 5260~5320               | 29.58 mW            |
| Part 15E             | 802.11(n) Low Band  | 5180~5240               | 33.96 mW            |
| Part 15E             | 802.11(n) High Band | 5260~5320               | 27.29 mW            |

(3) Qualcomm WWAN (HSDPA3.6 + EVDO Rev A), Model UNDP-1 (FCC ID: J9CUNDP-1)

| <u>FCC Rule Part</u> | <u>Type</u>    | <u>Freq Range (MHz)</u> | <u>Output Watts</u> | <u>Emission Designator</u> |
|----------------------|----------------|-------------------------|---------------------|----------------------------|
| Part 22H             | Cellular GSM   | 824.2~848.8             | 0.902 W ERP         | 246KGXW                    |
| Part 22H             | Cellular EDGE  | 824.2~848.8             | 0.423 W ERP         | 245KG7W                    |
| Part 22H             | Cellular WCDMA | 826.4~846.6             | 0.150 W ERP         | 4M16F9W                    |
| Part 22H             | Cellular CDMA  | 824.7~848.31            | 0.165 W ERP         | 1M27F9W                    |
| Part 24E             | PCS GSM        | 1850.2~1909.8           | 0.189 W EIRP        | 242KGXW                    |
| Part 24E             | PCS EDGE       | 1850.2~1909.8           | 0.094 W EIRP        | 242KG7W                    |
| Part 24E             | PCS WCDMA      | 1852.4~1907.5           | 0.049 W EIRP        | 4M17F9W                    |
| Part 24E             | PCS CDMA       | 1851.25~1908.75         | 0.055 W EIRP        | 1M27F9W                    |

This PC contains the following type transmitter antennas: (1) BT TX/RX Pattern Inverter-F type with 3.69dBi antenna gain; (2) WLAN Main TX/RX Pattern Inverter-F type with 0.36dBi at 2.4 GHz and 2.08dBi at 5 GHz and Aux RX only antenna; and (3) Qualcomm WWAN Main TX/RX Pattern Inverter-F type with 2.19dBi and WWAN Aux RX Pattern Inverter-F type antenna.

The PC's main User Manual gives all FCC required notices and warning, including general RF Exposure Warning and notice about U-NII operation for indoor use only. This PC with multiple co-located transmitters satisfy RF Exposure Evaluation by the provided MPE test report.

In accordance with provisions of Section 0.457(d) of the Commission's Rules and Section 552(b)(4) of the Freedom of Information Act, we request permanent confidentiality for transmitter's exhibits, which contain Operation Description, Parts Lists, Block Diagram and Schematic Diagram. The BT and WLAN transmitters are not user adjustable and do not have a Tune-Up Procedure. These exhibits contain proprietary, confidential and trade secrets material, which would not be routinely made available for public inspection.

Also, in accordance with FCC Public DA 04-1705, we request forty-five day short-term confidentiality, starting from the from the issuance of equipment authorization date, for exhibits which contain External Photographs, Internal Photographs, Test Setup Photographs and the Operating Instructions (User Manual). The requested short-term confidentiality exhibits contain pre-market information, which could give our competitors unfair advantage should this information be released before this product is actually introduced into the common marketplace.

Further, we, the undersigned, hereby attest to the fact that the subject product is also classified as Class B Computer and will be authorized under Declaration of Conformity to comply with FCC Part 15B to meet Class B limits.

Sincerely yours,

*Richard Mullen*

Richard Mullen  
Group Manager  
Product Safety and Compliance Division