

September 23, 2008
ITPD-08-F010A

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

Subject: Authority to Act as FCC Agent for Panasonic Handheld Personal Computer Model CF-U1mk1 Family
TCB Certification for FCC ID: ACJ9TGCF-U12

- Alps Bluetooth Model UGNZA
- Intel WLAN(a/b/g/n) Model 512AN_MMW
- Novatel WWAN (HSDPA3.6), Model EU860D

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 Handheld Personal Computer, Model CF-U1mk1 Family with Intel CPU type LPIA-Silverthorne (1.33GHz), which will be marketed under FCC ID: ACJ9TGCF-U12. This product will be marketed with the following 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	0.023276

(2) Intel WLAN Model 512AN_MMW (802.11a/b/g/n) (Intel FCC ID: PD9512ANM)

This device complies with Dynamic Frequency Selection requirements in R&O FCC 03-287 as a client only device without radar detection capability and client software and associated drivers will not initiate any transmission on DFS frequencies, which includes transmissions for beacon ad-hoc peer-to-peer modes. 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	0.02710
Part 15C	802.11(g)	2412~2462	0.03396
Part 15C	802.11(a)	5745~5825	0.02218
Part 15C	802.11(n)	2412~2462	0.03381
Part 15C	802.11(n)	5745~5825	0.01901
Part 15E	802.11(a) Band I	5180~5240	0.02443
Part 15E	802.11(a) Band II	5260~5320	0.02301
Part 15E	802.11(a) Band III	5500~5700	0.02254
Part 15E	802.11(n) Band I	5180~5240	0.02366
Part 15E	802.11(n) Band II	5260~5320	0.01875
Part 15E	802.11(n) Band III	5500~5700	0.02296

(3) Novatel WWAN (HSDPA3.6), Model EU860D (Novatel FCC ID: NBZNRM-EU860D)

<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	824.20~848.80	1.782 W ERP	243KGXW
Part 22H	Cellular WCDMA	826.40~846.60	0.194 W ERP	4M18F9W
Part 22H	Cellular EDGE	824.20~848.80	0.600 W ERP	246KG7W
Part 24E	PCS GSM	1850.20~1909.80	0.897 W EIRP	246KGXW
Part 24E	PSC WCDMA	1852.40~1907.60	0.237 W EIRP	4M19F9W
Part 24E	PCS EDGE	1850.20~1909.80	0.421 W EIRP	246KG7W

This PC contains the following type transmitter antennas: (1) BT Inverter-F type with -1.35dBi antenna gain; (2) WLAN Main TX/RX Inverter-F type with 0.82 dBi at 2.4 GHz and 2.99 dBi at 5 GHz and Aux RX only antenna; and (3) Novatel WWAN Main TX/RX Inverter-F type with -0.98 dBi at 850 MHz and -0.6 dBi at 1900 MHz and Aux RX only 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 Handheld PC satisfies RF exposure evaluation with the provided co-located transmitters SAR Test Report performed with the screen display in the landscape position with the keyboard facing the user. At some later date, we may introduce Class II Permissive Change under Model CF-U1mk1.5 to add system software to enable screen rotation to portrait position with the keyboard facing only to the right side of user. This would mean the right side the screen display with WLAN antenna will never be positioned facing towards the user body

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
Safety and Compliance Division