

September 14, 2010  
ITP-10-F011

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

Subject: Authority to Act as FCC Agent for Mobile Personal Computer, Model CF-31 mk1 Family  
TCB Certification for FCC ID: ACJ9TGCF-313

- Alps Bluetooth, Model UGNZA
- Azurewave Technologies, Inc. WLAN, Model N5HZC0000054 (Atheros AR9283 Chipset)
- Sierra WWAN, Model Gobi2000 (GSM/EDGE/WCDMA/CDMA with GPS)

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 a mobile Personal Computer, Model CF-31 mk1 Family with Intel CPU Types Intel Core i5-540M (2.53GHz) or i3-350M (2.26GHz) which will be marketed under FCC ID: ACJ9TGCF-313. This product will be marketed with the following transmitters:

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

This BT transmitter complies with FCC Part 15C under equipment class code DSS. This BT version is under specification Ver 2.1 + ERD has maximum symbol rate of 1~3Mbps. Please refer to test report for exact frequency range and RF output level.

(2) Azurewave Technologies, Inc. WLAN, Model N5HZC0000054 – Atheros AR9284 Chipset (has no FCC ID):

This module supports 802.11 bgn only 2.4GHZ and MIMO 2x2 function. Please refer to test report for exact frequency ranges and RF output levels.

(3) Sierra WWAN, Model Gobi2000 (FCC ID: N7NGOB12)

This combined Cellular and PCS transmitter complies with FCC Parts 22H and 24E under equipment class code PCB. Refer to test report for exact frequency ranges, RF output levels and emission designators.

This PC marketed under FCC ID: ACJ9TGCF-313 contains various antennas for BT, WLAN and WWAN. Please refer to separate provided exhibits for antenna photos and test reports for exact antenna description, antenna gains and locations. This portable PC satisfies RF exposure evaluation with the provided transmitters.

This PC, when used with optional Car Mounter with external antenna connectors satisfies the RF Exposure Evaluation by the provided SAR and MPE test reports.

This PC may be marketed with optional Car Mounter, Model CF-WEB301 that may be configured to have one or two TNC antenna pass-thru connectors. The Car Mounter will be marketed to only specific non-general consumers, such as police, fire and military and must be professionally installed by following separate provided mounting instructions.

Depending upon exact PC configuration, the GPS module can be connected an external antenna connector. The other antenna connector is intended for licensed radio service (WWAN). The Supplemental Instructions will advise that the recommended maximum external antenna gains are 2.90 dBi for 850 MHz (Cellular) and 3.77 dBi for 1900 MHz (PCS).

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 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,

***Ben Botros***

Ben Botros  
Project Manager