LS RESEARCH, LLC
Wireless Product Development

January 15, 2008

Re: Modular Transmitter Approval
FCC ID: EROCWD1015

Gentlemen,

The following information is being provided per the requirements of FCC 15.212 regarding modular approval of Part 15 devices.

This transceiver is a split radio front end module with an integral reference oscillator.

External connections are provided for power and data communication.

The following numbered items correspond to similarly numbered paragraphs in 15.212. Each item is a response to the requirements of that document.

(a)(1)(i) The module has integral RF shielding to isolate it from surrounding equipment and the larger environment in general.

(a)(1)(ii) All inputs are processed as data by the radio control element. The outside user has no direct control of transmit modulation.

(a)(1)(iii) The radio front end contains a linear regulator to regulate device operation over voltage variations and to limit the output power under high voltage conditions.

(a)(1)(iv) This module is validated with 2 external antennas. The first antenna (ACE-2400NF) is fitted with a reverse gender SMA-F connector. The module has a population option to place the companion reverse gender SMA-M edge-mount connector. The second antenna (Antennova 3030A5645) is fitted with a special miniature surface mount connector specified as a U.FL connector. These connectors are unique in the sense of complying with parts 15.203, 15.204(b), and 15.204(c).

(a)(1)(v) The module was tested in a stand-alone configuration and found to be compliant with Part 15 regulations.

(a)(1)(vi) An FCC ID label is affixed to each unit at the time of manufacture. Information is also clearly presented in the user guide about labeling requirements for the final assembly.

(a)(1)(vii) This unit is compliant with Part 15.247. Installation and other requirements are presented in the user guide to allow the unit to be correctly installed.
(a)(1)(viii) The unit is compliant with the RF exposure requirements of Parts 15.247, 15.1091, and 15.1093.

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Split-Modular Transmitter Declarations:

(a)(2)(i) The radio front end module has integral RF shielding to isolate it from surrounding equipment and the larger environment in general.

(a)(2)(ii) The radio front end module has a means of exchanging control information with the radio control element.

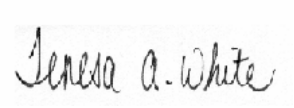
(a)(2)(iii) The radio front end module and the radio control element have been tested with the representative host device and have been shown to be compliant with part 15.247.

(a)(2)(iv) The radio front end module and the radio control element have a unique interface that only allow only the co-approved subsystems to interoperate. This is accomplished through an initial signaling exchange between the radio front end and the radio control element. The method is that the radio control element sends a unique serial communication message to the RF front end that is used to assert or de-assert a specific general purpose I/O (GPIO) pin, with a specific sequence. The radio control element must detect the expected sequence on the specific GPIO prior to activation of the radio front end.

(a)(2)(iv) Since all of the requirements for a split modular approval have been met, this split modular approval would be considered full rather than limited.

Further information may be obtained from Creston. .

Sincerely,



Quality Manager
LS Research, LLC, agent for Crestron Electronics, Inc.