May 14, 2010

Dear Application Examiner:

Intel Corporation is seeking modular approval for XPC-CLANE2 (Clane 2). The radio meets the requirements for modular approval as detailed in FCC 15.212. Compliance to each of the requirements is described below:

1. **"The modular transmitter must have its own RF shielding."** The module has it's own RF shielding. See External Photos exhibit.
2. **"The modular transmitter must have buffered modulation/data inputs."** The 802.11b/g radio chip used by the EUT (Roving Networks G2C543 [formerly G2 Microsystems]) has buffered data inputs to insure compliance with Part 15 requirements under conditions of excessive data rates or over-modulation.
3. **"The modular transmitter must have its own power supply regulation."** The EUT has its own power supply regulation to insure compliance with Part 15 requirements regardless of the quality or level of DC power supplying the module. Please see Schematics exhibit. The EUT operates off of two 1.5 VDC AA batteries. The on-board regulation is based on a pulse width modulation circuit capable of regulating input voltages in the range of 1.8 VDC to 3.6 VDC while maintaining an output voltage of 3.0 VDC.
4. **"The modular transmitter must comply with the antenna requirements of Section 15.203 and 15.204(c)."** The EUT meets the FCC antenna requirements. The antenna is integrated. Please see Antenna information exhibit and External Photos exhibit.
5. **"The modular transmitter must be tested in a stand-alone configuration."** The EUT was tested in a stand-alone configuration. The module is a stand-alone device which does not require a wired connection to the host device to operate. Please see Test Setup Photos exhibit and Technical Report exhibit.
6. **"The modular transmitter must be labeled with its own FCC ID number."** The EUT is labeled with its own FCC ID number of XPC-CLANE2. Please see FCC ID Label and Location exhibit and External Photos exhibit.
7. **"The modular transmitter must comply with any specific rule or operating requirements applicable to the transmitter and the manufacturer must provide adequate instructions along with the module to explain any such requirements."** The EUT is compliant with all applicable FCC rules. Detailed instructions for maintaining compliance are given in the User Manual exhibit.
8. **"The modular transmitter must comply with any applicable RF exposure requirements."** The EUT is compliant with all applicable RF exposure requirements. Please see RF Exposure exhibit.

Please contact me if you have additional questions. Your attention to this matter is greatly appreciated.

Best regards,

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