



August 27, 2009

Dear Application Examiner:

Intel Corporation is seeking modular approval for XPC-CLANE (Clane). The radio meets the requirements for limited 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 does not have its own RF shielding. Therefore, a Limited Modular Approval is being requested based on device, configuration and test report.
2. **“The modular transmitter must have buffered modulation/data inputs.”** The radio chip used by the EUT (G2C501) 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 3.3 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. Please see Antenna information exhibit and internal 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. Please see FCC ID label & location and internal photos exhibit. Since the FCC ID number will not be visible when the module is installed inside the plastic casing, another label with the FCC ID will be applied to the exterior of the casing. See 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.
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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