Modular Certification Letter

Staccato Communications 6195 Lusk Blvd, Suite 200 San Diego, CA 92121

Chief, Authorizations Branch Federal Communications Commission 7435 Oakland Mills Road Columbia, MD 21046

October 16, 2008

Subject: Request for unlicensed Modular Transmitter Approval

FCC ID: UQLSC4113D

To Whom It May Concern:

Staccato Communications hereby requests FCC Equipment Authorization as a Singular Modular Transmitter of the Staccato Communications Model Ripcord2 SC4113D DVK UWB Module, FCC ID: UQLSC4113D

Staccato Communications intends to manufacture this device and market it as a computer modular component. This letter addresses the information required by points one through eight of 47 CFR 15.212.

- 1. "The modular transmitter must have its own RF shielding." Shielding necessary for normal operation has been provided. Please refer to Exhibition external / internal photo.
- 2. "The modular transmitter must have buffered modulation/data inputs." The EUT has industry standard buffered inputs integrated in the SC4502 package.
- 3. "The modular transmitter must have its own power supply regulation." The EUT receives power from the host system. The +3.3 Volt source from the host system is filtered on the module to power a +3.3V domain and regulated on the module to produce the main +1.0V digital and analog subsystem domains. The power regulation topology in included in the schematic diagram included in the filing for FCC Equipment Authorization.
- 4. "The modular transmitter antenna must comply with the antenna and transmission system requirements of sections 15.203, 15.204(b) and 15.204(c)." The EUT meets the abovementioned FCC antenna requirements. The spurious emission, unique antenna connector and photo of antennas are shown in the test report.
- 5. "The modular transmitter must be tested in a stand-alone configuration." The EUT is tested in a stand-alone configuration via USB interface to the controlling computer.
- 6. "The modular transmitter must be equipped with either a permanently affixed label or must be capable of electronically displaying its FCC identification number." The module will have a label affixed which includes the FCC identifier. An example of the label which will be used is included in the filing for FCC Equipment Authorization.



- 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. Detail instructions for maintaining compliance are given in the Users Manual.
- 8. "The modular transmitter must comply with any applicable RF exposure requirements." The EUT is compliant with all applicable RF exposure requirements. RF Exposure is addressed in the RF exposure exhibition.

Best regards,

Siddharth Shetty

Communication Systems Engg /

Spectrum Policy

Staccato Communications