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

April 23, 2010

RE: Request for unlicensed Modular Transmitter Approval.

Reference FCC 07-56A1 47 CFR 15.212

To Whom It May Concern:

Veebeam Corporation hereby requests FCC Equipment Authorization as a singular Modular Transmitter of the Staccato Communications RC2 Model WUSB Mini Card Module, FCC ID: UQL-RC2-SC4402R. Staccato Communications intend to manufacture this device for several ODM manufacturers who will incorporate it into computer products and accessories. This letter addresses the information required by (a)(1) through to (a)(8) of 47 CFR 15.212.

### (a)(1) The Modular transmitter must have its own RF shielding:

All shielding necessary for normal operation is provided by the multi-layer layout of printed circuit board which is constructed with multiple ground layers. An additional metal shielding can is fitted topside.

# (a)(2) The Modular transmitter must have buffered modulation or data inputs:

The Staccato Communications RC2 WUSB Mini Card Module uses the USB interface for data and the interface is implemented within the ISP1705 integrated circuit as may be seen on page two of the schematic diagram included in the filing for FCC equipment Authorization. The USB interface limits the data rate to that defined by the USB standard.

# (a)(3) The Modular transmitter must have its own power supply regulation:

The Staccato Communications RC2 WUSB Mini Card Module is powered from a 3.3V supply which is provided via PCIE connector from its dedicated motherboard. The 3.3V supply is then regulated on the module to generate three additional power domains (+1.0VD, +1.0VA\_RF and +1.0VA\_PLL) that are required by the module. The power regulation circuitry may be seen on page three of the schematic diagram included in the filing for FCC equipment Authorization.

# (a)(4) The Modular transmitter must comply with the antenna and transmission system requirements of §§ 15.203, 15.204(b) and 15.204(c):

The Staccato Communications RC2 WUSB Mini Card Module is provided with a mini RF connector, not accessible to the end user, for ODM manufacturers to permanently attach an ACON ADM6P-700042 UWB antenna with mating connector.

### (a)(5) The Modular transmitter must be tested in a stand-alone configuration:

As described in the test report included in the filing for FCC Equipment Authorization, the Staccato Communications RC2 WUSB Mini Card module was powered through a test fixture and connected to a host PC to activate UWB emissions.

(a)(6) The Modular transmitter must be equipped with either a permanently affixed label or must be capable of electronically displaying FCC identification number:

The FCC identifier will be placed onto the enclosure of the end product that incorporates this transmitter module as "Contains FCC ID: UQL-RC2-SC4402R".

(a)(7) The Modular transmitter must comply with any specific rule or operating requirements applicable to the transmitter:

FCC part 15.517 (a)(1), Technical requirements for indoor UWB systems, requires operation only indoors. The Mini Card module is designed to be powered by its motherboard which will be connected to the AC power lines.

(a)(8) The Modular transmitter must comply with any applicable RF Exposure requirements:

There are no RF immunity requirements for hand-held UWB devices under subpart F of the FCC Rules and Regulations.

Yours sincerely

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