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July 9, 2009

**Request for Limited Modular Transmitter Approval**

In accordance with FCC Public Notice DA 00-1407, June 26, 2000

FortrezZ LLC requests limited modular transmitter approval for our Z3US module. This letter addresses the numbered requirements below.

**1. The limited modular transmitter must have its own RF shielding.**

This device may not meet the requirements for RF shielding, and thus a Limited Modular Approval is requested at this time.

**2. The limited modular transmitter must have buffered modulation/data inputs.**

The module has buffered data inputs inside the ZenSys ZM3102 module mounted on this device.

**3. The limited modular transmitter must have its own power supply regulation.**

The Z3X has an onboard external voltage regulator accepting DC voltage from any battery or regulated DC source up to 16V. The ZenSys ZM3102 chip also has its own power supply regulation integrated in the ZW0301 IC.

**4. The limited modular transmitter must comply with the antenna requirements of Section 15.203 and 15.204(c).**

The Z3X meets the FCC antenna requirements. The ceramic antenna and PCB trace are permanently attached to the module. Please see photographs of the board.

**5. The limited modular transmitter must be tested in a stand-alone configuration.**

The module Z3X was tested in a stand-alone configuration. Please see for test setup photos and the test report.

**6. The limited modular transmitter must be labeled with its own FCC ID number.**

The EUT is labeled with "FCC ID: XCT-Z3X", "IC: 8156A-Z3X", the model number "Z3US", and the company name. This Label information must be visible to the user on the end product. If the module is inside of an end product, the EUT label will not be visible.

In this case, the end product will be labeled exterior with "[Contains FCC ID: XCT-Z3X](#)" and "[Contains IC: 8156A-Z3X, Model Z3US](#)" and include the manufacturer's name, trade name, or logo on the end product.

**7. The limited 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 Z3X module is compliant with all applicable FCC rules, part 15.249 in particular. Please see test report for relevant RF Exposure information.

**8. The limited modular transmitter must comply with any applicable RF exposure requirements.**

Please see the test report for relevant RF Exposure information.

Sincerely yours,

Stella Szasz

Title: Operations Manager