



February 17, 2009

Dear Application Examiner,

{Cypress Envirosystems, Model #: WiFi3309701, FCC ID: W3IWIFI3309701}, would like to have your authorization as a modular approval specific to industrial sensors, mobile devices and access points.

The requirements of Public Notice DA00-1407 have been met and shown on the following statements.

1. **“The modular transmitter must have its own RF shielding.”**: *The shield covers the microprocessor and all RF circuitry.*
2. **“The modular transmitter must have buffered modulation/data inputs.”**: *All data inputs are buffered, there are no modulation inputs.*
3. **“The modular transmitter must have its own power supply regulation.”**: *The modulator is comprised of a system on a chip (SOC), external PA and ancillary switches and filters. These devices are powered from two DC-DC converters. The input power range is 1.8V to 3.6Vdc.*
4. **“The modular transmitter must comply with the antenna requirements of section 15.203 and 15.204(C).”**: *The transmitter module has a unique antenna connector to prevent the use of unauthorized antennas. The connector is from Emerson Networks , P/N 128-0711-201, uMC or U.FL type. However, many manufacturers make compatible versions.*
5. **“The modular transmitter must be tested in a stand-alone configuration”**: *The transmitter has been tested on a custom test board used to exercise all aspects of the hardware and software.*
6. **“The modular transmitter must be labeled with its own FCC ID number.”**: *The FCC ID will be labeled on the shield.*
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.”**: *Operation instructions will be provided in an operation manual.*
8. **“The modular transmitter must comply with any applicable RF exposure requirements.”**: *The module meets all standards.*

Regards,

Scott Valoff  
Electrical Design Engineer, Principal