



3/10/2009

Dear Application Examiner,

Sentilla, OEM Module, TOQSENARM01, would like to have your authorization as a modular approval specific to commercial and industrial monitoring equipment.

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 SENARM01 module has an RF shield over all components.
2. **"The modular transmitter must have buffered modulation/data inputs."**: All inputs are processed through a microcontroller, either via buffered I/O ports or ADC ports.
3. **"The modular transmitter must have its own power supply regulation."**: The module uses the CC2520 radio module from Texas Instruments that includes a voltage regulator to supply 1.8V to the transmission circuit.
4. **"The modular transmitter must comply with the antenna requirements of section 15.203 and 15.204(C)."**: The module is provided in two configurations for testing: an integrated PCB antenna that may not be modified, and a non-standard SMA-RP connector with antenna attached.
5. **"The modular transmitter must be tested in a stand-alone configuration"**: The module is provided in two configurations, both of which are stand-alone.
6. **"The modular transmitter must be labeled with its own FCC ID number."**: The module's PCB will be imprinted with the FCC ID number clearly visible. See the Exhibit "Label Location."
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 instructions provided will describe allowable power and channel settings such that an integrator will retain the same operating ranges as tested during certification of this module.



**8. “The modular transmitter must comply with any applicable RF exposure requirements.”:** The TCB testing will certify MPE requirements. The module is not designed to be used as a wearable device and will always be more than 20 cm from a human, meaning SAR requirements are not applicable.

Please contact me if you have any further questions.

Regards,

A handwritten signature in black ink that reads "Robert Szewczyk".

Robert Szewczyk, Principal Engineer