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On behalf of DLP Design, Professional Testing (EMI), Inc. is seeking a modular approval for the RFID2 tag reading transmitter. Requirements listed in FCC part 15.212 are addressed below.

- 1) The device has a RF shield covering the RF generating portion of the circuit board.
- 2) The external data inputs are routed to a Texas Instruments MSP430F2370 microcontroller. All of the data inputs are buffered.
- 3) The module is powered from an external source of 3.0 to 5.0 Volts which is fed to the TRF7970A RFID IC which produces a locally regulated 3 Volt supply for the RF circuits and microcontroller.
- 4) The antenna requirement is satisfied by the use of an u.fl connector.
- 5) The module was tested connected to a battery powered test platform.
- 6) FCC ID is clearly printed in the PCB silk screen on the top side of the PCB. The manual contains the explicit directions to label the exterior of the device into which the RFID2 is integrated with "Contains FCC ID: SX9RFID2".
- 7) The Users Manual explains that any modifications may strictly void the certification and a separate approval must be obtained.
- 8) Emissions are far below the RF Exposure limits, no exhibit attached.