

Project 06238-10: LADS IDM
Modular Approval Letter

On behalf of Latest Advanced Digital Solutions, Professional Testing (EMI), Inc. is seeking a modular approval for the In Dispenser Module (IDM) RFID tag reading transmitter. Requirements listed in FCC Public Notice DA 00-1407 are addressed below.

- 1) The device has a RF shield covering the RF generating portion of the circuit board.
- 2) The external data lines are buffered parallel digital I/O lines with handshaking.
- 3) The RF module is powered from U3, a LM2671 providing a regulated source of 5 Volts that powers U6 the Philips Semiconductors RC632 RFID IC.
- 4) The antenna requirement is satisfied by the permanent internal antenna etched into the companion circuit board.
- 5) The module was tested embedded into the host device made by the same manufacturer as the RF module. (See 7.)
- 6) A sticker is affixed to the back side of the RFID. The manual contains the explicit directions to label the exterior of the device into which the RFID is integrated with “Contains FCC ID: TZPRFID”.
- 7) The RF module is utilized by the manufacturer in other products made by the same manufacturer. This assures control of the design, construction, and proper marking.
- 8) Emissions are far below the RF Exposure limits, no exhibit attached.
