

Modular Approval Request Letter

Advance Data Technology

Feb. 25, 2008

Dear Application Examiner,

Microelectronics Technology Inc.'s MTI RFID RF Module, FCC ID: MAD-RU-859, would like to have your authorization as a modular approval. 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 radio portion of this module has been shielded, please see exhibition External Photo.
2. "The modular transmitter must have buffered modulation/data inputs." The EUT has buffered data inputs, it is integrated in chip AT91SAM7S256-MU.
3. "The modular transmitter must have its own power supply regulation." The chips RF converter which will influence the frequency radiation, have to be 3.3V powered. The USB interface provides 5V, so there are regulators in front of these chips, the part number of this regulator is EP5352QI.
4. "The modular transmitter must comply with the antenna requirements of section 15.203 and 15.204(C)." The EUT meets the FCC antenna requirements. The spurious emission, unique antenna connector and photo of antennas are shown in the test report.
5. "The modular transmitter must be tested in a stand-alone configuration" The EUT was placed on an extended card which connected to Notebook Computer as a stand-alone configuration. The EUT was tested via the outside a Notebook Computer. Please see section Photographs of Test Configuration in the test report.
6. "The modular transmitter must be labeled with its own FCC ID number." Please see exhibition Label Sample for the FCC ID of this module. And also in the exhibition Users Manual, there are instructions give to the OEM on how to label the end product.

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 EUT is compliant with all applicable FCC rules. Detail instructions for maintaining compliance are given in the Users Manual.
8. "The modular transmitter must comply with any applicable RF exposure requirements." The EUT is compliant with all applicable RF exposure requirements. RF Exposure is addressed in the RF exposure exhibition.

Please contact me if you have any further questions. Thanks for your attention.

Best Regards,



May Chen

Deputy Manager of Hsinchu Certification Service Div.
Advance Data Technology