

February 12, 2010

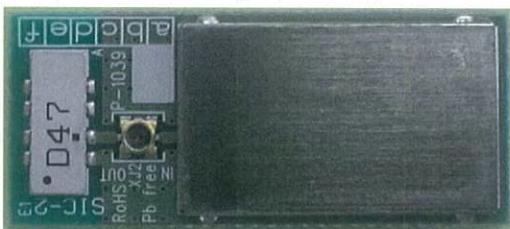
FCC ID : XXJDMS001  
 IC Number : 7216B-DMS001  
 Model : DMS001  
 Applicant : ISHIDA CO.,LTD

**Request for Modular Approval**

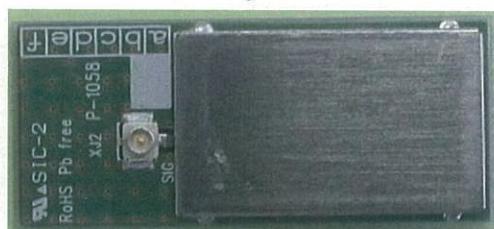
The modular transmitter (Model: DMS001) is designed by ISHIDA CO., LTD. DMS001 has Type-1 and Type-2. Type-1 has Multilayer antenna, Inverted F (Chip). Type-2 has  $1/2 \lambda$  Dipole antenna (External). This modular transmitter can be equipped on any type of device, if the distance between the radiator and person's body keep at least 20cm or more. The modular transmitter complies the module basic requirement (Item 1 to 8) in FCC Part 15 Subpart C Section 15.212 and Canada RSS-Gen, Issue 2, 7.1.1 as indicated below:

**[Module basic requirement]**

(1) Have its own RF shielding.: This modular transmitter has its own RF shielding. Please refer to the A1 Photo.



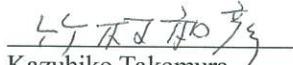
Type-1



Type-2

A1 Photo

- (2) The modular transmitter must have buffered modulation/data inputs.: Data input to the modular transmitter is controlled as not generating excessive data speed and abnormal modulation.
- (3) The modular transmitter must have its own power supply regulation.: The modular transmitter is constantly provided voltage (DC3.0V) through own regulator regardless of input voltage. Therefore, this modular transmitter complies with the requirement. Please refer to Table 2 on Page 5 of RF Chip Specification.
- (4) The modular transmitter must comply with the antenna requirements of Section 15.203 and 15.204(c): The antenna of Type-1 is soldered inside of the EUT. Type-2 has a unique coupling/antenna connector (U.FL [on RF board], RP-SMA (M) [Antenna side]). Therefore this modular transmitter complies with the requirement of Section 15.203.
- (5) The modular transmitter must be tested in a stand alone.: The modular transmitter has been performed the testing as a stand alone and then confirmed the compliance. Please refer to the Test report.
- (6) The modular transmitter must be labeled with its own FCC ID/IC Number, and, if the FCC ID/IC Number is not visible when the module is installed inside another device, then the outside of the device into which the module is installed must also display a label referring to the enclosed module.: This modular transmitter is complied with this requirement. Please refer to the file of Label drawing and 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 necessary explanation to be complied with this requirement is contained in the manual.
- (8) The modular transmitter must comply with any applicable RF exposure requirements.: The modular transmitter complies with FCC and IC radiation exposure requirement specified in the FCC Rules 15.247(i), 15.407(f) and IC Rules RSS-102. Please refer to the RF exposure statement.

  
 Kazuhiko Takemura  
 ISHIDA CO.,LTD