



Murata Manufacturing Co., Ltd.

November 5, 2007

Modular Approval Attestation

- 1. The modular transmitter has its own metal shielding covers on top side, which shields over the RF circuits as follows. PHY/BB IC (RTU7010), LNA, RF SPDT Switches, BPF and crystal. Refer to the "External Photos" and "Internal Photos" exhibits.**
- 2. The modular transmitter has its own buffered modulation/data inputs. All inputs to the modules are buffered through the logic or microprocessor (RTU480AAC) circuitry. Refer to the "Block Diagram" or "Schematics" exhibit.**
- 3. The modular transmitter has its own power supply regulator and local reference oscillator. The device operates from the 3.3V host PC supply. The design includes an on-board voltage converter and regulator for separate digital and analog power supplies. Refer to the "Block Diagram" and "Schematic" exhibits**
- 4. The antenna of the applying modular transmitter device is permanently attached in the subjected host PC device. And the transmitter device is equipped with a unique antenna connector (U.FL-R-SMT(10)), and is pre-installed by the host PC manufacturer. No option device is available for user installation.**
- 5. The modular transmitter was tested in a proper stand-alone configuration with the built-in antenna of host device that was connected to the proper AC adapter. It complies with the AC power line conducted requirement found in Section 15.207.**
- 6. The modular transmitter is labeled with its own FCC ID number. Also the host device in which the modular transmitter is plugged has a label which will read as "Contains Transmitter Module FCC ID: HJY-LBUA0ZZKB1". Refer to the "PC Exterior view" and "External photos" exhibits.**
- 7. The modular transmitter complies with the applied specific rule and operating requirements applicable to the transmitter, and the adequate instructions along with the module to be explained for customers are provided with the user's manual.**

8. The modular transmitter complies with the applicable RF exposure requirements. The proper RF exposure evaluations were performed with the host devices in line with the FCC Rules in Sections 2.1091 (MPE), since the antenna separation distance of 20cm or more from human's body is maintained for the host device. Refer to the "Test Report" exhibit.

9. The applying UWB modular transmitter was measured and applied to the handheld device limits section 5.519.