

Modular Approval Request Letter

Advance Data Technology

Jun. 08, 2005

Dear Application Examiner,

Teraoka Weigh-System Pte Ltd's RF802.15.4 Module with FCC ID: SUFTRKRF01 would like to have your authorization as a full modular approval.

The requirements of Public Notice DA00-1407 have been met and shown on the following statements.

1. "Have its own RF shielding" Device is equipped with Metal shielding to cover RF section. Refer external photos
2. "Have buffered modulation/data inputs (if such inputs are provided)" All inputs to the modules are buffered through logic or microprocessor inputs.
3. "The modular transmitter must have its own power supply regulation." The chips IF converter and RF/IF converter which will influence the frequency radiation, have to be 1.8Vdc powered. The interface provides 3.3VDC, so there are regulators in front of these chips, the part number of this regulator is CC2420.
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" Due to the Bluetooth Module with brand Qcom, and the model name QBTM300 is specified to the Laptop PC, the EUT is tested in a stand-alone configuration via an USB to USB extender. 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 given 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,

A handwritten signature in black ink, appearing to read 'Cody Chang', written in a cursive style.

Cody Chang / Deputy Manager
Advance Data Technology