

Modular Approval Request for Certification Service in USA

Federal Communication Commission
Equipment Authorization Division, Application Processing Branch
7435 Oakland Mills Road
Columbia, MD 21048

2010-12-07

TO WHOM IT MAY CONCERN

Modular Approval Statement for Modules BlueMod+C11/G2/AI and BlueMod+C11/G2/AE, FCC ID: RFR-C11G2

- 15.212(a)(1)(i) It has its own RF shielding. See photos in test reports Cetecom ICT Services 1-2349-01-04_10.pdf and 1-2349-01-05_10.pdf
- 15.212(a)(1)(ii) It has digital input buffer, because the complete Bluetooth protocol stack resides on the BlueMod+C11/G2.
- 15.212(a)(1)(iii) Not all voltages on the module do have an own voltage regulator. We apply for a Limited Modular Approval (LMA), constrained to be sold to OEM manufacturers only. This product is designed for being built into measurement devices or machine control devices enabling OEM's to offer Bluetooth functionality for their products. The interface is working on TTL level and the connector is only made for being soldered on a PCB. Therefore this product cannot be used by end users. There is no user manual, but a Reference Design Guide available, which instructs the OEM on how to use this module such that compliance of the end product is always ensured.
- 15.212(a)(1)(iv) A Radial unique UMP antenna connector or an internal antenna is used. The Reference Design Guide gives exact instructions on how to implement an internal or external antenna.
- 15.212(a)(1)(v) The module was tested in a standalone type configuration as can be seen in CETECOM Test Reports 1-2349-01-05_10.pdf and 1-2349-01-04_10.pdf. It was mounted on a PCB to be identified with "52628V02". This PCB is referenced in the test report. Placed on the PCB are only level shifters for translating the serial TTL signals to RS232 level, so that a connection to a PC COM port could be made and a further a connector for a mains plug adaptor for having supply.
- 15.212(a)(1)(vi) The module will be labelled with its own FCC ID number.
- 15.212(a)(1)(vii) The module complies with all applicable FCC rules. Instructions for maintaining compliance are given in the Reference Design Guide.
- 15.212(a)(1)(viii) The module complies with any applicable RF exposure requirements. See also 15.212 (b).

If you have any questions, please feel free to contact us at the address shown below

Sincerely,

(signed)

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