



**FRONTIER
SILICON**

Module Approval Request Letter (FCC)

FCC ID: YYX-HA-FS2028-F

BABT (TCB)
Forsythe House
Churchfield Road
Walton-on-Thames
Surrey
KT12 2TD
United Kingdom

Frontier Silicon Limited

137 Euston Road

London

NW1 2AA

United Kingdom

Sir,

I hereby request your authorisation for single modular transmitter approval of the above mentioned device. The device meets the requirements of CFR47 Pt15.212 as follows:

Item	Requirements	Explanation
1.	Have its own RF shielding	The Modular transmitter has its own RF Shielding. (Please refer to the internal photograph)
2.	Have buffered modulation/data inputs (if such Inputs are provided).	All inputs to the modules are buffered through logic or microprocessor inputs. (Please refer to schematics)
3.	Have its own power supply regulation.	The module contains its own power supply regulation. (Please refer to schematics)
4.	Meet the antenna requirements of Section 15.203.	The device has an on-board Printed Inverted-F Antenna (PIFA).
5.	Be tested in a stand-alone configuration, i.e., the antenna. AC or DC power and data input/output lines must be connected to the module but, the module must not be inside another case during testing.	The device is a module with on board antenna. The device was powered from three DC supplies connected to the module and controlled by a PC serial port and all ports terminated with appropriate port loading. The device was not tested inside any other casing. (Please refer to setup photographs)
6.	Be labelled with its own FCC ID number, and If the FCC ID 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.	The modular transmitter will be labelled with its own FCC ID. In addition the datasheet / manual includes a statement indicating that end user equipment must have an external label, which reads; "Contains FCC ID ,
7.	The modular transmitter is manufactured so that the user cannot influence the operation of the transmitter that will operate outside of the scope of the regulations.	The transmitter operation is isolated from the user by virtue of the chipset and firmware.
8.	Address compliance with the Commission's RF exposure limits in Sections 1.1310 and 2.1093. In addition, under Section 15.247 are required to address RF exposure compliance in accordance with Section 15.247(b) (4).	A 20 cm separation distance is maintained, which satisfies mobile category requirement. (Please refer to attached RF Exposure assessment Report)

Company: Frontier Silicon Ltd.

Name: Abdul Wahed Dewan

Position: Principal RF Engineer

Signature:

14/12/2010

Tel: +44 207 391 0620 Fax: +44 207 388 6420 www.frontier-silicon.com

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