

Element Materials Technology
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UK

MODULAR APPROVAL REQUEST

Date: 30th September 2016

RE: FCC Modular Approval
FCC ID: MJYLAHA5002

To Whom It May Concern:

Please be advised that the manufacturer requests that the above-referenced model be approved for Full Modular Approval in accordance with the FCC Rules and Regulations.

Our Product meets the FCC modular approval policies in the following ways:

i The radio elements must have the radio frequency circuitry shielded. Physical/discrete and tuning capacitors may be located external to the shield, but must be on the module assembly;
Shielded metal can – Laird BMIS-209 – Component reference SH1

ii The module must have buffered modulation/data inputs to ensure that the device will comply with Part 15 requirements with any type of input signal; Inputs are buffered through resistors to the microprocessor.

iii The module must contain power supply regulation on the module;
The power supply regulator is affixed to the module as Part code – TPS780279299DDCT – Component reference U4.

iv The module must contain a permanently attached antenna, or contain a unique antenna connector, and be marketed and operated only with specific antenna(s), per Sections 15.203, 15.204(b), 15.204(c), 15.212(a), 2.929(b);

The module contains a unique connector and the approval is to be with the Antenna FMAG35153-SM-3K (When configured for external Antenna). The end user will not be able to detach the external antenna and re-attach their own, as the OEM instruction sheets indicates the requirement for the OEM to ensure that the UFL to SMA-Female adapter cable has an attachment rendering it tamperproof, i.e. shrink-wrapped or epoxy fixed connection.

v The module must demonstrate compliance in a stand-alone configuration; The product has been tested in a stand alone configuration.



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vi The module must be labelled with its permanently affixed FCC ID label, or use an electronic display. The product is labelled using a permanent adhesive label with the FCC ID.

vii The module must comply with all specific rules applicable to the transmitter. The grantee must provide comprehensive instructions to explain compliance requirements; The Instruction sheet shows the details required of the OEM user.

viii The module must comply with RF exposure requirements. For any transmitters intended for use in portable devices, SAR compliance must be demonstrated to be independent of the host device. The module is not intended for use in portable devices and complies with RF exposure requirements.

Thank you for your attention to this matter.

Yours faithfully

Hugh Devereux
Head of Approvals and Compliance
For and on behalf of Texecom Ltd.



Certificate Number: FM 35285

Registered Office: Bradwood Court, St. Crispin Way, Haslingden, Lancs BB4 4PW.
Registered in England No. 2084170

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