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MODULAR APPROVAL REQUEST

Date: 15/12/2015

Element Materials Technology
100 Frobisher Business Park
Leigh Sinton Road
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Worcestershire
WR14 1BX
UK

RE: FCC Modular Approval
FCC ID: XRF-NETNODEP4

To Whom It May Concern:

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

Our Product meets the FCC meet 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;

The radio frequency circuit is shielded by the use of a Metallic screen can located on the Transmitter circuitry house within the unit. This has been identified within the photos supplied

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;
The radio provide all buffered inputs and circuit protection in accordance with the specification.

iii The module must contain power supply regulation on the module;
The power supply regulator is affixed to the module on the PCB card and all sources are regulated down from the 12 V feed....

iv The module must contain a permanently attached antenna, or contain a unique antennaconnector, 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 radio provides multiple identified antenna ports using SMP connectors.

v The module must demonstrate compliance in a stand-alone configuration;

The radio will operate in stand alone configuration as Original Equipment Manufacture OEM.

vi The module must be labelled with its permanently affixed FCC ID label, or use an electronic display (See KDB Publication 997198 about labelling requirements);
The radio is marked accordingly and a label has been submitted.

vii The module must comply with all specific rules applicable to the transmitter. The grantee must provide comprehensive instructions to explain compliance requirements;
The radio is compliant as defined above.

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. See KDB Publication 447498 Item 2) as a guide to determine if a transmitter can be tested without being limited to a host device. If SAR compliance can only be demonstrated in specific host types or platforms, then the module type must be "limited."
The radio is complaint as defined above.

Thank you for your attention to this matter.

Yours faithfully

Cobham Plc



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