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MODULAR APPROVAL REQUEST

Date 09/06/2016

Element Materials Technology
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UK

RE: FCC Modular Approval
FCC ID: [2AGAAWMVRB915](#)

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 metal can, This provides shielding of the entire RF circuitry.

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 device, IC3 contains integral buffering for data to meet Part 15 requirements.

iii The module must contain power supply regulation on the module;

The power supply regulator IC, U2, is affixed to the radio module and is located within the RF shield can.

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 antenna on the WMVRB-915USA is an integral part of the module PCB ref PC453G and is therefore permanently attached.



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v The module must demonstrate compliance in a stand-alone configuration;
The WMVRB-915USA has demonstrated compliance in a stand-alone configuration. Report TRA-025316 from an FCC authorised test laboratory provides the detailed evidence.

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 included label diagram will be permanently attached to the shield by method of an adhesive label.

vii The module must comply with all specific rules applicable to the transmitter. The grantee must provide comprehensive instructions to explain compliance requirements;
The product is accompanied by an "Integrators Guide" detailing the relevant conditions for use to maintaining compliance with FCC rules for Modular Approval.

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 module complies with the RF exposure requirements and is not classed for portable use. The required 20cm RF exposure limits of General Population Exposure will not be exceeded.

Thank you for your attention to this matter.

Yours faithfully

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Trever Parrett
Approval Manager



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