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MODULAR APPROVAL REQUEST

Date: 25/11/2016

RE: FCC Modular Approval
FCC ID: 2AHNOW2-RDO-9X

To Whom It May Concern:

Please be advised that the manufacturer requests that the above-referenced model be approved for limited 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 a two part RF Shielding CAN comprising of a soldered frame attached to the circuit board and a press fit top cover which is installed over the frame.

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 transceiver on board the module contains a 128 byte transmit buffer which is loaded prior to any radio transmission.

III. The module must contain power supply regulation on the module.

The module does not contain on board power supply regulation please see our limited module approval request letter.

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 is fitted with an MCX antenna connector please see our limited module approval request letter.

V. The module must demonstrate compliance in a stand-alone configuration.

Compliance testing was performed with the module extended outside of the host on a special extender board, as shown in the test setup photos.



VAT No. 875 5525 87

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 RF shielding CAN is labelled with the modules FCC ID. This label has been made of paper for the initial submission stage but will be made of a self-adhesive vinyl as specified in the label drawing.

VII. The module must comply with all specific rules applicable to the transmitter. The grantee must provide comprehensive instructions to explain compliance requirements.

The module complies fully with the operating requirements of Title 47 CFR Part 15.247 as demonstrated in the test report.

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."

This module operates under Title 47 CRF Part 15.247, which is exempt from RF exposure evaluation owing to the very low operating power.

Thank you for your attention to this matter.

Yours faithfully



Richard Fletcher
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