

## **MODULAR APPROVAL REQUEST**

Date 05/06/2014

TRaC Global 100 Frobisher Business Park Leigh Sinton Road Malvern Worcestershire WR14 1BX UK

RE: FCC Modular Approval FCC ID: ZWZ-ISL067

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 a CAN over the radio circuit

**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 RF chip has buffers on in- and out-puts.

If the RF-chip is decoupled properly on its power supply pins, the risk of having interference between the digital parts and the analog RF are kept to a minimum.

The module must contain power supply regulation on the module;

The power supply regulator is affixed to the module.

**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 has unique antenna connector which is UFL to RP SMA Male

**V** The module must demonstrate compliance in a stand-alone configuration; The module has been fully testes to meet this requirement.

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**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);

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

**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."

Thank you for your attention to this matter.

Yours faithfully

Invisible Systems Ltd

Pete Thompson