

MODULAR APPROVAL REQUEST

Date 25/05/2016

Element Materials Technology
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RE: FCC Modular Approval
FCC ID: 2AHGR-BLE4V1M

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 module is shielded by the use of a metal can.

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 module inputs are buffered in the IC.

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

The power supply regulator is internal to the Bluetooth IC

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 is a PCB trace antenna which is always connected to the Bluetooth IC.

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

The module has been tested on its own.

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); There is a sticker on the metal can showing 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; There is an installation guide providing instructions for using the module.

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." SAR testing has been completed.

Thank you for your attention to this matter.

Yours faithfully

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