



MODULAR APPROVAL REQUEST

21st January 2016

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

RE: FCC Modular Approval
FCC ID: WH3-MC-133

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 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 die cast metal enclosure surrounding the 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;

**Not applicable as the module does not have any data inputs.
There is buffering on the Vtune on the circuit comprising resistors and capacitors see Dwg ref 3C on page 2 of SCH_Radarmodul_AGD_Rev_B**

iii The module must contain power supply regulation on the module;
The power supply regulator is affixed to the module on the pcb. See SCH_Radarmodul_AGD_Rev_B DWG ref 5/6 C/D on page 3 and BOM_Radarmodul_AGD_Rev_B documents in the submission pack

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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 antenna is permanently attached

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

See test report

Element MC-133 FCC Radio Report TRA-0258970-CO04-47-00A

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);

FCC ID is attached to the module and warning label is attached to the packaging and datasheet. see submission pack for details.

vii The module must comply with all specific rules applicable to the transmitter.

The

grantee must provide comprehensive instructions to explain compliance requirements;

See the datasheet

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 is not intended for use in portable devices.

Thank you for your attention to this matter.

Yours faithfully

AGD SYSTEMS LTD

21/01/2016

X 

Engineering Projects Manager
Signed by: Rob Fyfe



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