



Ambient Recording GmbH – Schleissheimer Str. 181c – DE-80797 München

MODULAR APPROVAL REQUEST

2021-04-09

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

RE: FCC Modular Approval
FCC ID: PDZ-LM

To Whom It May Concern:

Please be advised that the manufacturer requests that the above-referenced model be approved for 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;

Shielding must be applied through the integrator as per installation guideline

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;

Modulation is fed buffered through the integrated microprocessor exclusively, external data inputs are buffered to satisfy the according requirements.

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

The module contains on board stabilized regulation for signal processing and RF circuitries



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 contains a unique antenna connector.

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

stand-alone compliance has been demonstrated on a dedicated basic carrier board

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 module is equipped with a permanently affixed label, which displays the FCC identification number.

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

The operating requirements are specified as part of a datasheet plus a technical handbook, which are available to the customer.

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."

As transmitter according to 15.247, SAR compliance has been demonstrated.

Thank you for your attention to this matter.

Yours faithfully

Ambient Recording GmbH

A handwritten signature in blue ink, appearing to read "Günter Knon", written in a cursive style.

Günter Knon

Managing Director

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