

MODULAR APPROVAL REQUEST

Date 2022-07-19

Element Materials Technology
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RE: FCC Modular Approval
FCC ID: WP5TWN4F18

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;

Elatec: The radio frequency circuit is shielded by a metal cover. The tuning capacitors are assembled on the module.

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;

Elatec: The module has buffered modulation/data inputs. See U300 / PN5180

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

Elatec: The module contains a power supply regulation. See U220 / TPS73533

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);

Elatec: The module contains a permanently attached antenna.

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

Elatec: For compliance purposes, the module is operated in a stand-alone configuration.

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);

Elatec: The module is labelled with a permanently affixed FCC ID label

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

Elatec: see integration manual.

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."

Elatec: The module complies with RF exposure requirements.

Thank you for your attention to this matter.

Yours faithfully

ELATEC GmbH

ELATEC

RFID systems

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