

MODULAR APPROVAL REQUEST

01 December 2020

Element Materials Technology
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UK

RE: IC Modular Approval
IC ID: 7948A-TWN4F17
FCC ID: WPTWN4F17

To Whom It May Concern:

Please be advised that the manufacturer requests modular approval for the transmitter concerned.

The below completed checklist demonstrates that the modular transmitter complies with each of the following conditions:

<u>Modular approval requirement</u>	<u>Yes</u>	<u>No*</u>
(a) The radio elements must have the radio frequency circuitry must be shielded. Physical/discrete and tuning capacitors may be located external to the shield, but must be on the module assembly.		x
(b) The module shall have buffered modulation/data input(s) (if such inputs are provided) to ensure that the module will comply with the requirements set out in the applicable RSS standard under conditions of excessive data rates or over-modulation.	x	
(c) The module shall have its own power supply regulation on the module. This is to ensure that the module will comply with the requirements set out in the applicable standard regardless of the design of the power supplying circuitry in the host device which houses the module.	x	
(d) The module shall comply with the provisions for external power amplifiers and antennas detailed in this standard. The equipment certification submission shall contain a detailed description of the configuration of all antennas that will be used with the module.	x	
(e) The module shall be tested for compliance with the applicable standard in a stand-alone configuration, i.e. the module must not be inside another device during testing.		x

- (f) The module shall comply with the Category I equipment labelling requirements. x
- (g) The module shall comply with applicable RSS-102 exposure requirements, which are based on the intended use/configurations. x
- (h) Is the modular device for an Industry Canada licensed exempt service? x

Please be advised that the manufacturer requests limited modular approval for the transmitter concerned as the module does not have a shielding can over its RF circuitry and the module cannot be operated in a standalone configuration. It is for this reason that the manufacturer will apply for limited modular approval and have control over the installation of the module.

We will have full control of the installation of the module as we only sell B2B and it will only be installed by experienced employees.

Thank you for your attention to this matter.

Yours faithfully

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