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| Applicant: | Arconas Corporation | | |
| FCC ID: | 2ATO9-19100 | IC: | 27851-1910010W |
| Section 15.212 Modular Transmitters / Section 3.2 of RSS-Gen | | | |
| Request for Single Modular Approval | No | Request for Limited Modular Approval | Yes |
| SL. No | Requirement | Device Conditions | Comply (Yes/No) |
| 1 | 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. | The module does not have its own RF shielding. | No |
| 2 | 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. | All modulation and data input(s) are buffered. The EUT has buffered data inputs, it is integrated on IC chip. | Yes |
| 3 | The modular transmitter shall have its own power supply regulation on the module. | Have its own power supply regulation. Instructions in Installation Manual. | Yes |
| 4 | The modular transmitter 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. | The EUT meets the FCC antenna Requirements. 0dBi@115-175KHz | Yes |
| 5 | 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. | The modular transmitter has been performed the testing in a stand-alone configuration. | Yes |
| 6 | The modular transmitter shall comply with the Category I equipment labelling requirements. | In the manual, there are Instructions given to the host manufacturer on how to label the end product. | Yes |
| 7 | The modular transmitter complies with all specific rules applicable to the transmitter, including all the conditions provided in the integration instructions by the grantee. | Module complies with all rules applicable to transmitter. | Yes |
| 8a | Address compliance with the Commission's RF exposure limits in Sections 1.1310 and 2.1093. In addition, spread spectrum transmitters operating under Section 15.247 are required to address RF exposure compliance in accordance with Section 15.247(b)(4). | Please refer the Maximum Permissible Exposure Information. | Yes |
| 8b | The module shall comply with applicable RSS-102 exposure requirements, which are based on the intended use/configurations. | Please refer the Maximum Permissible Exposure Information. | Yes |

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| 9 | Is the modular device for an Industry Canada licensed exempt service? | | Yes |
| <p>A limited modular approval may be granted for single or split modular transmitters that do not comply with all of the above requirements, e.g., shielding, minimum signaling amplitude, buffered modulation/data inputs, or power supply regulation, if the manufacturer can demonstrate by alternative means in the application for equipment authorization that the modular transmitter meets all the applicable Part 15 requirements under the operating conditions in which the transmitter will be used. Limited modular approval also may be granted in those instances where compliance with RF exposure rules is demonstrated only for particular product configurations. The applicant for certification must state how control of the end product into which the module will be installed will be maintained such that full compliance of the end product is always ensured.</p> | | | |

Signature: *Ho Yuen Cho*

Name/Title: Ho Yuen Cho / Senior Electronics Engineer

Data: March 13, 2023