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RE FCC ID:

To the certification reviewer:

We are hereby applying for limited modular approval of the above-referenced FCC ID, based on compliance with most of the criteria as detailed below.

Sincerely,

Wayne Payack
 Global Engineering Director

Part 15 Unlicensed Single Modular Transmitter Approval Justification per 15.212

Requirement per 15.212	reference
(i) The radio elements of the modular transmitter must have their own RF shielding.	Shielding is provided by a ground plane on the printed wiring board.
(ii) The modular transmitter must have buffered modulation/data inputs (if such inputs are provided).	The transceiver on the module does not expose modulation/data inputs. The data inputs on the transceiver are connected to a microcontroller on the module. Test lab needs to confirm if the IO on the 8-pin connector would be considered as transmitter data inputs as they are not connected directly to the transmitter
(iii) The modular transmitter must have its own power supply regulation.	Power supply regulation is provided by external circuitry over the range of 3 to 8 volts.
(iv) The modular transmitter must comply with the antenna and transmission system requirements of §§ 15.203, 15.204(b) and 15.204(c).	The module employs a unique antenna coupler. It can either use a permanent JJB antenna or a detachable antenna via a reverse polarity SMA connector.
(v) The modular transmitter must be tested in a stand-alone configuration, i.e., the module must not be inside another device during testing for compliance with Part 15 parameters.	Testing was performed with the module located inside of the intended host device..

<p>(vi) The modular transmitter must be equipped with either a permanently affixed label or must be capable of electronically displaying its FCC identification number. If the FCC ID is not visible when the module is installed inside another device, then the outside of the device into which the module is installed must also display a label referring to the enclosed module.</p>	<p>A sample of the host label is provided as an exhibit, showing the FCC identifier of the module.</p>
<p>(vii) The modular transmitter must comply with any specific rules or operating requirements that ordinarily apply to a complete transmitter and the manufacturer must provide adequate instructions along with the module to explain any such requirements. A copy of these instructions must be included in the application for equipment authorization.</p>	<p>The module complies fully with the operating requirements of Part 15 section 247 as demonstrated in the test report exhibit.</p>
<p>(viii) The modular transmitter must comply with any applicable RF exposure requirements in its final configuration.</p>	<p>This module operates under Part 15 section 247, which is exempt from RF exposure evaluation owing to the very low operating power.</p>