

5/20/2015

To: Federal Communications Commission
7435 Oakland Mills Road
Columbia, MD 21046-1609

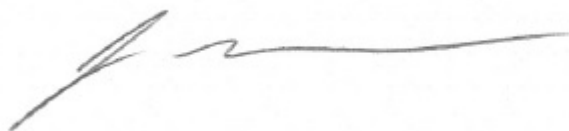
Curtis-Straus LLC TCB
1 Distribution Center Circle, #1
Littleton, MA 01460

Re: Limited Modular Approval FCC ID: WXF-ONST1

Gentlemen:

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

Sincerely,



Jacob Lacourse
Electrical Engineer
5/20/2015

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).	All modulation and data inputs are buffered by circuitry on the Nordic transmitter chip.
(iii) The modular transmitter must have its own power supply regulation.	Power supply regulation is provided by external circuitry at 3.3VDC.
(iv) The modular transmitter must comply with the antenna and transmission system requirements of §§ 15.203, 15.204(b) and 15.204(c).	The antenna is permanently attached and the application is intended for professional installation only.

(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.
(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.	A sample of the host label is provided as an exhibit, showing the FCC identifier of the module.
(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.	The module complies fully with all of the relevant FCC requirements and the adequate instructions to keep the compliance have been provided in the Module Manual.
(viii)	The modular transmitter must comply with any applicable RF exposure requirements in its final configuration.	The module will be installed in a host product where the transmitting antenna can provide 20 cm separation distance to the body of user. Installation of this module is intended for professional installation only.