

Modular Approval Request Letter

FCC ID: 2ADUL0380

Data: 2015-01-23

Gentlemen:

There's a BT4.0 (single mode) modular that would like to have your authorization as a modular approval.

This modular transmitter complies with the modular transmitters basic requirements (Item 1 to 8) in FCC Part 15 Subpart C Section 15.212 as indicated below:

Company	Design Manufacture Distribution LLC
Model Name	AW8001 BT
Model Number	module AW8001
FCC ID	2ADUL0380

Requirement of FCC Part 15 Subpart C Section 15.212	YES Reference to AW8001
1. The modular transmitter must have its own RF shielding.	NO The module hasn't its own RF shielding.
2. The modular transmitter must have buffered modulation/data inputs.	YES The modular has buffered data inputs, it is integrated in chip NRF8001. Please see schematic.pdf
3. The modular transmitter must have its own power supply regulation.	YES All power lines derived from the host device are regulated before energizing other circuits internal to the AW8001 Please see schematic.pdf
4. The modular transmitter must comply with the antenna requirements of Section 15.203 and 15.204(c).	YES The AW8001 meets the FCC antenna requirements. It has a unique connector. Please see external photo.pdf
5. The modular transmitter must be tested in a stand - alone configuration, i.e., the module must not be inside another device during testing.	NO The AW8001 was tested in the host device configuration via a COM extender. Please see conducted set-up photo.pdf and spurious set-up
6. The modular transmitter must be labeled with its own FCC ID number, and, 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.	YES The label position of AW8001 is clearly indicated. Please see the label.pdf

<p>7. The modular transmitter must comply with any specific rule or operating requirements applicable to the 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>YES The AW8001 is compliant with all applicable FCC rules. Detail instructions are given in the Users Manual. Please see Installation guide.pdf</p>
<p>8. The modular transmitter must comply with any applicable RF exposure requirements. For example, FCC Rules in Sections 2.1091, 2.1093 and specific Sections of Part 15, including 15.319(i), 15.407(f), 15.253(f) and 15.255(g), require that Unlicensed PCS, UNII and millimeter wave devices perform routine environmental evaluation for RF Exposure to demonstrate compliance. 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).</p>	<p>YES The AW8001 comply with applicable RF exposure requirements. Please see RF safety evaluation. pdf</p>

Thank you.