

Modular Approval Request Letter

FCC ID: 2AJVONLS20160926

Data: October 27, 2016

Gentlemen:

There's an ZC179 module that would like to have your authorization as a modular approval.

The specific product as below, ZC179 module, with its designed features and specified description, meets special requirements for full modular approval on FCC Part 15.212 Released list below.

Company	: Nordic Light (Suzhou) Co., Ltd
Model Name	: ZC179 module
Model Number	: ZC179
FCC ID	: 2AJVONLS20160926

Requirement	Reference to <u>ZC179</u>
1. The modular transmitter must have its own RF shielding.	No, the module was tested in a representative host model: 10326-20 as described in the test report.
2. The modular transmitter must have buffered modulation/data inputs.	The modular has buffered data inputs, Please see schematic.pdf
3. The modular transmitter must have its own power supply regulation.	All power lines derived from the host device are regulated before energizing other circuits internal to the <u>ZC179</u> . Please see schematic.pdf
4. The modular transmitter must comply with the antenna requirements of Section 15.203 and 15.204(c).	The <u>ZC179</u> meets the FCC antenna requirements. 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.	The <u>ZC179</u> is not tested in a stand-alone configuration, it is inside a host. the model of the host is 10326-20, host name is contral board MKII. Please see conducted set-up photo.pdf and spurious set-up photo.pdf
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.	The label position of <u>ZC179</u> is clearly indicated. Please see the label.pdf
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.	The <u>ZC179</u> is compliant with all applicable FCC rules. Detail instructions are given in the Users Manual. Please see Installation guide.pdf
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).	The <u>ZC179</u> complies with applicable RF exposure requirements. Please see RF safety evaluation. pdf

Sincerely,



Wanchun Ding/General Manager
Nordic Light (Suzhou) Co., Ltd