

Modular Approval Request Letter

Alliance Outdoor Lighting
951-375-7896
27461-B Diaz Rd, Temecula, CA

Product Name: 2.4G Bluetooth Module

Model Number: PA01

FCC ID:2BDUIPA01

Date: 2023.11.30

Requirement of Public Notice DA00 - 1407 / part 15.212	
1. The modular transmitter must have its own RF shielding.	Yes. The module has its own RF shielding.
2. The modular transmitter must have buffered modulation/data inputs.	Yes This module is not only used in our own specific products but also for OEM market. We have total control of the design and the data protocol through IC Chip "TLSR8250F512ET32". The radio IC we use complies with FCC part 15.
3. The modular transmitter must have its own power supply regulation.	Yes This module is not only used in our own specific products but also for OEM market, this module has its own voltage regular (IC2002). The radio IC complies with FCC part 15.
4. The modular transmitter must comply with the antenna requirements of Section 15.203 and 15.204(c).	Yes The ipex antenna is connected to module through unique coupling(ipex connection)
5. The modular transmitter must be tested in a stand - alone configuration, i.e., the module must not be inside another device during testing.	Yes This module has been tested in a stone-alone configuration as shown in the test setup photos.
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 This module will be labelled with its FCC ID number. When the module is installed in our products and it is not visible, an external label will be applied which refer to the modules FCC ID number inside.
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	Yes This module is not only used in our own specific products but also for OEM market. The user manuals are based on the requirement specifications.

module to explain any such requirements. A copy of these instructions must be included in the application for equipment authorization.	
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).	Yes This module is not only used in our own specific products but also for OEM market. And this module is compliance with RF exposure requirements.

Thank you.

Sincerely,

Vincent Bowers

Vincent Bowers

Product Manager

Nov.30th, 2023