

Modular Approval Request Letter

Airtouch (Shanghai) Intelligent Technology Co., Ltd

Room 902, Building 2, No. 88 Shengrong Road, Pudong New Area, Shanghai, China

Product Name: 5.8GHz Radar Sensor

Model Number: AT58L4MD-2020

FCC ID: 2AVK2-AT58L4MD-2020

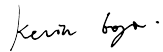
Date: 2021-02-26

Requirement of Public Notice DA00 - 1407 / part 15.212	
1. The modular transmitter must have its own RF shielding.	No The module has not its own RF shielding .There are two layers of GND copper on the back of the antenna, and there are no electronic components in the area facing the antenna.
2. The modular transmitter must have buffered modulation/data inputs.	Yes. This module is only used in our own specific products and not for OEM market. We have total control of the design and the data protocol to the module, and This product has SRAM to buffer data.
3. The modular transmitter must have its own power supply regulation.	Yes This module is only used in our own specific products and not for OEM market, it is always power supplied from the main board with the nominal power supply voltage 3.3VDC, and product contains an LDO power circuit, and the IC contains an independent power management module.
4. The modular transmitter must comply with the antenna requirements of Section 15.203 and 15.204(c).	Yes. The antenna is a PCB antenna which is permanently attached.
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 The module is test in a stand-alone.
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 module will not be labelled with its FCC ID number due to size limited. The FCC ID number will be put in user manual and package. 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	Yes.

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 module complies fully with the operating requirements of Part 15.249 as demonstrated in the test report.
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 only used in our own specific products and not for OEM market. And the RF Exposure we have been prepared.

Thank you.

Sincerely,



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