

Modular Approval Request FCC (KDB 996369 D01 & Part 15.212)

Request for Modular Approval FCC ID: 2AOFDL-WFMUB6U

Item	Requirements	Answer from applicant
1	Have its own RF shielding	No, This modular has no RF shield.
2	Have buffered modulation/data inputs (if such inputs are provided)	Yes, The modular data inputs are buffered through log or microcontroller connections. All modulation and data inputs are buffered by circuitry on the transmitter chip.
3	Have its own power supply regulation	Yes, Power supply regulation is provided by circuitry on the CPU chip.
4	Meet the antenna requirements of section 15.203	Yes, The EUT meet the FCC antenna requirements, the modular with a special joint antenna connector. And the antenna is described in the module user manual.
5	Demonstrate compliance in a stand-alone configuration	Yes, The EUT is capable of transmitting stand-alone.
6	The licensed module must have a FCC ID label on the module itself. That FCC ID label must be visible through a window on the final device or it must be visible when an access panel, door or cover is easily removed. If not, a second label must be placed on the outside of the final device.	Yes, The module is labeled with its permanently affixed FCC ID label. The label position is clearly indicated. Please refer to label & label location information.
7	The module must comply with all specific rules applicable to the transmitter. The grantee must provide comprehensive instructions to explain compliance requirements.	Yes, The EUT is full compliant with FCC rules, please refer the details in user manual.
8	The module must comply with RF exposure requirements. See FCC Rules. Spread Spectrum transmitters must comply with RF exposure limits in 15.247.	Yes, This module complies with FCC CFR 47 part 2.1091 and FCC KDB 447498 D01 General RF Exposure Guidance limit, Please refer RF exposure report.

Name and surname of applicant (or authorized representative): Qingqing Sun

Date: 2024/03/04 Signature:

Qingqing Sun

Zhejiang Lierda Internet of Things technology Co.,Ltd

Integration Instructions for host product manufacturers

The following items are submitted in support of application for Modular Transmitter FCC ID as noted above as required by the FCC KDB 996369 D03 OEM Manual v01.

These items are provided as integration instructions for host product manufacturers (e.g., OEM instruction manual) to use when integrating a module in a host product.

Any requirements that are not applicable to the Module are as indicated below.

Summary of requirements and Checklist. Refer to the KDB for description of the complete requirements;

KDB Ref Sect	Requirements of KDB 996369 D03	User Manual Page Number reference
2.2	List of applicable FCC rules	P31
2.3	Summarize the specific operational use conditions	P31
2.4	Limited module procedures P9 2.5 Trace antenna designs	P31
2.6	RF exposure considerations	P32
2.5	Trace antenna designs	P32
2.7	Antennas	P33
2.8	Label and compliance information	P33
2.9	Information on test modes and additional testing requirements	P33
2.1	Additional testing, Part 15 Subpart B disclaimer	P33

Test plan for Host changes

Rule Part	Item	Scope
15.247(b)	List of applicable FCC rules	New host device
15.209;	Radiated Spurious Emission	New host device
15.247(d)	Band Edge(Restricted-band band-edge)	New host device
2.1093	Radio frequency radiation exposure evaluation: portable devices	Applicable for portable host device

Name: Qingqing Sun

Date: Jan. 12, 2023

Signature of applicant:

