

Shanghai TUGE Data Technologies Co., Ltd.

Federal Communications Commission
Equipment Authorization Division
7435 Oakland Mills Road
Columbia, MD 21046
USA

Date:

Subject; **Modular Transmitter Application**

Company name: Shanghai TUGE Data Technologies Co., Ltd.
FCC ID: 2AU4T-TM22-LCC

Dear Sir/Madam,

This letter includes the FCC application requirements for Modular Transmitter Approval Request for;-

FCC KDB 996369 D01 'Module Certification Guide v02; and
FCC KDB 996369 D03 OEM Manual v01

In accordance with 47CFR 15.212 Modular Transmitters and KDB 996369 D01 'Module Equip Auth Guide v02'. FCC ID: **2AU4T-TM22-LCC** has been examined against the following requirements.

Requirement per 15.212 and KDB 996369 D01	Explanation from Grantee (do not write yes/no, but explain why product complies/how it is achieved)
The radio elements must have the radio frequency circuitry shielded. Physical components and tuning capacitor(s) may be located external to the shield, but must be on the module assembly.	Yes, the modular has own shielding cover.
The module must have buffered modulation/data inputs to ensure that the device will comply with Part 15 requirements with any type of input signal.	Yes, The modular transmitter have buffered modulation/data inputs.
The module must contain power supply regulation on the module.	Yes, The modular transmitterhave its own power supply regulation.
The module must contain a permanently attached antenna, or contain a unique antenna connector, and be marketed and operated only with specific antenna(s), per §§ 15.203, 15.204(b), 15.204(c), 15.212(a), 2.929(b).	No, The module don't contain antenna.
The module must demonstrate compliance in a stand-alone configuration.	Yes, The module can be configured independently and meets the requirements
The module must be labeled with its permanently affixed FCC ID label, or use an electronic display (see KDB Publication 784748).	Yes, The FCC ID on the product: 2AU4T-TM22-LCC
The module must comply with all specific rules applicable to the transmitter, including all the conditions provided in the integration instructions by the grantee.	Yes, The module complies fully with the operating requirements of Part 22/24/27/90 section as demonstrated in the test report.
The module must comply with RF exposure requirements	Yes, The modular transmitter complies with this requirement, please refer to RF exposure report.

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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	P3
2.3	Summarize the specific operational use conditions	P3
2.4	Limited module procedures	P4
2.5	Trace antenna designs	P4
2.6	RF exposure considerations	P5
2.7	Antennas	P5
2.8	Label and compliance information	P5
2.9	Information on test modes and additional testing requirements	P5
2.10	Additional testing, Part 15 Subpart B disclaimer	P6

Name: XiangWang Wu

Date: Jun. 23, 2022

Title: Manager

Signature of applicant:

XiangWang, Wu