



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

Subject; **Modular Transmitter Application**

Company name:
FCC ID: 2AS9401

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:**2AS9401** 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, shield is provided as verified in the submitted photo
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 module must contain power supply regulation on the module.	Yes
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).	Yes
The module must demonstrate compliance in a stand-alone configuration.	Yes, the module was tested in a stand-alone configuration please refer to test setup photo.
The module must be labeled with its permanently affixed FCC ID label, or use an electronic display (see KDB Publication 784748).	Yes, the module has a permanently affixed label with its own FCC ID number .Please refer to label and label location.
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 comply with this requirement .Please refer to user manual .
The module must comply with RF exposure requirements	Yes,the module comply with this requirement .Please refer to MPE report.

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	Page 20
2.3	Summarize the specific operational use conditions	Page 20
2.4	Limited module procedures	Page 20
2.5	Trace antenna designs	Page 20
2.6	RF exposure considerations	Page 20
2.7	Antennas	Page 20
2.8	Label and compliance information	Page 20
2.9	Information on test modes and additional testing requirements	Page 20
2.10	Additional testing, Part 15 Subpart B disclaimer	Page 20

Name: Kenneth Wong

Date: 21,June 2019

Title: VP of Design and Development

Signature of applicant