

Onion Corporation

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

Date: May 29, 2026

Subject; **Modular Transmitter Application**

Company name: Onion Corporation
FCC ID: 2AJVP-OMEGA4

Dear Sir/Madam,

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

FCC KDB 996369 D01 Module Certification Guide v04r02; and
FCC KDB 996369 D03 OEM Manual v01r01

In accordance with 47CFR 15.212 Modular Transmitters and KDB 996369 D01 'Module Equip Auth Guide v02'. FCC ID:2AAWC-SKD822 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 radio portion of this module has been shielded, please see exhibition External.
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 EUT has buffered data inputs, it is integrated in chip.
The module must contain power supply regulation on the module.	Output power is controlled by the RF Chip and de-coupled from supply voltage variations.
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).	The EUT meets the FCC antenna requirements. please see exhibition External.
The module must demonstrate compliance in a stand-alone configuration.	

The module must be labeled with its permanently affixed FCC ID label, or use an electronic display (see KDB Publication 784748).	Please see exhibition Label Sample for the FCC ID of this module.
The module must comply with all specific rules applicable to the transmitter, including all the conditions provided in the integration instructions by the grantee.	The EUT is compliant with all applicable FCC rules. Detail instructions for maintaining compliance are given in the User's Manual.
The module must comply with RF exposure requirements	The EUT is compliant with all applicable RF exposure requirements. RF exposure is addressed in the RF exposure exhibition.

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	Page3
2.3	Summarize the specific operational use conditions	Page3
2.4	Limited module procedures	Page3
2.5	Trace antenna designs	Page3
2.6	RF exposure considerations	Page3
2.7	Antennas	Page3
2.8	Label and compliance information	Page4
2.9	Information on test modes and additional testing requirements	Page4
2.10	Additional testing, Part 15 Subpart B disclaimer	Page4

Name: Zheng Han

Date: May 29, 2026

Title: CTO

Signature of applicant:

Zheng Han