

Doodle Labs (SG) Pte Ltd

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

Date: 2025-12-09

Subject; **Modular Transmitter Application**

Company name: Doodle Labs (SG) Pte Ltd
FCC ID: 2AG87ACM-DB-2M-R3

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: 2AG87ACM-DB-2M-R3 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.	The modular have own RF shielding
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.	The modular transmitter have buffered modulation/data inputs
The module must contain power supply regulation on the module.	The modular transmitter have 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).	The modular has three External Antennas, each with a unique antenna connector.
The module must demonstrate compliance in a stand-alone configuration.	The module 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).	The FCC identification number can put on the modular with a permanently affixed label
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 instructions will be provided and apply to a complete transmitter and comply with specific rule.
The module must comply with RF exposure requirements	The total power density of modular transmitter final configuration comply with FCC RF Exposure

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 v01r01.

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	FCC statement section
2.3	Summarize the specific operational use conditions	FCC statement section
2.4	Limited module procedures	N/A
2.5	Trace antenna designs	N/A
2.6	RF exposure considerations	FCC statement section
2.7	Antennas	FCC statement section
2.8	Label and compliance information	FCC statement section
2.9	Information on test modes and additional testing requirements	FCC statement section
2.10	Additional testing, Part 15 Subpart B disclaimer	FCC statement section
2.11	Note EMI Considerations	FCC statement section
2.12	How to make changes	FCC statement section

Name: Sanjay Malani

Date: 2025-12-09

Title: Product Engineering Manager

Signature of applicant

