

# Doodle Labs (SG) Pte Ltd

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

Date: 2020-11-12

Subject; **Modular Transmitter Application**

**Company name: Doodle Labs (SG) Pte Ltd**  
**FCC ID: 2AG87NM-DB-3-R2**

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: **2AG87NM-DB-3-R2** has been examined against the following requirements.

| Requirement per 15.212 and KDB 996369 D01                                                                                                                                                                            | Explanation from Grantee<br>(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 RF own 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 a External Antenna, which has 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 either 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         |

# Doodle Labs (SG) Pte Ltd

**Name:** Dr Aaron Do

**Date:** 2020-11-12

**Title:** Senior RF Engineer

**Signature of applicant**

A handwritten signature in blue ink, appearing to read 'A. Do', with a horizontal line underneath.