



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

Date:

Subject: **Modular Transmitter Application**

Company name:

FCC ID:

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 P9OLAMBDA62 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.	All radio element components are mounted within the screen can within the module
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 module data inputs are fed into inputs of U1 as per schematic
The module must contain power supply regulation on the module.	The module has onboard voltage control
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 module contains a unique antenna connector and is marked for use only with specific antenna
The module must demonstrate compliance in a stand-alone configuration.	The module has been tested as a standalone product operation
The module must be labeled with its permanently affixed FCC ID label, or use an electronic display (see KDB Publication 784748).	The module is labelled with a permanently affixed FCC ID 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 module complies with all specific rules applicable to the transmitter, including all the conditions provided in the integration instructions by the grantee
The module must comply with RF exposure requirements	I confirm the module complies with the RF exposure limits

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 2
2.3	Summarize the specific operational use conditions	Page 2
2.4	Limited module procedures	Page 14
2.5	Trace antenna designs	Page 14
2.6	RF exposure considerations	Page 14
2.7	Antennas	Page 14
2.8	Label and compliance information	Page 14
2.9	Information on test modes and additional testing requirements	Page 14
2.10	Additional testing, Part 15 Subpart B disclaimer	Page 14

Name: John Fairall

Date: 28th August 2020

Title: Managing Director

Signature of applicant

A handwritten signature in black ink, appearing to read 'John Fairall', written in a cursive style.