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

Date: 31 May 2024

Subject: **Modular Transmitter Application**

Company Name: Pelican Ventures LLC

FCC ID: 2BGK9PEL900

Dear Sir/Madam,

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

FCC KDB 996369 D01 'Module Certification Guide v04; and
FCC KDB 996369 D03 OEM Manual v01r01

In accordance with 47CFR 15.212 Modular Transmitters and KDB 996369 D01 'Module Equip Auth Guide v04'. FCC ID 2BGK9PEL900 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 module is fully shielded by a copper layer embedded in the PCB and a full metal shield soldered to the PCB covering all components.
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's RF sections are driven by an on-board controller which directly controls the RF data lines and operates so as to not allow excessive modulation, thereby complying with this requirement.
The module must contain power supply regulation on the module.	The module has integrated switching power supplies to regulate power.
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 has an industry standard U.FL connector for antenna attachment. It is marketed to use a single antenna, World Products model no WPANT10174-S1A.
The module must demonstrate compliance in a stand-alone configuration.	The module has been tested to be compliant in a stand-alone configuration using supporting test equipment.
The module must be labeled with its permanently affixed FCC ID label, or use an electronic display (see KDB Publication 784748).	The FCC ID is affixed to the module with a label on the top of the shield.
The module must comply with all specific rules applicable to the transmitter, including all the conditions provided in the integration instructions by the grantee.	This is achieved through documentation on the user manual.
The module must comply with RF exposure requirements	This is achieved through documentation in the user manual.

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	10
2.3	Summarize the specific operational use conditions	1,5
2.4	Limited module procedures	N/A
2.5	Trace antenna designs	N/A
2.6	RF exposure considerations	2
2.7	Antennas	5-7
2.8	Label and compliance information	2
2.9	Information on test modes and additional testing requirements	10
2.10	Additional testing, Part 15 Subpart B disclaimer	10

Name: Steven Willens

Date: 31May 2024

Title: President

