

Panasonic Corporation of North America

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

Date: 2025-03-12

Subject; **Modular Transmitter Application**

Company name: Panasonic Corporation of North America
FCC ID: ACJ-V3GA

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: ACJ-V3GA has been examined against the following requirements.

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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 has a shielding cover, Please refer to the appendix II external photos and appendix III
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 have buffered modulation/data inputs.
The module must contain power supply regulation on the module.	The modular transmitter have its own power supply regulation. Recommended operation conditions :DC +4.5~+5.5V Absolution Maximum
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).	This module is equipped with PCB antenna,. Please refer to external photos for detailed information. PIOT-V3(GA) is Supports WIFI and Bluetooth functions, and supports 2.4G/5GHz dual band PCB antennas.
The module must demonstrate compliance in a stand-alone configuration.	This module can work independently of the fixture and is fixed to the public version for more convenient fixed frequency testing.
The module must be labeled with its permanently affixed FCC ID label, or use an electronic display (see KDB Publication 784748).	Please refer to label sample exhibit - host labeling is described in integration manual The module contains the FCC ID, as detailed in the label and location document
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 required FCC rule has been fulfilled and all the instructions for the maintaining compliance have been clearly stated in the User Manual.
The module must comply with RF exposure requirements	The MPE evaluation with 20cm distance restriction is submitted for the compliance of RF Exposure requirement. See details report(ITEZA2-20240044MPE RF Exposure Evaluation)

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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	7
2.3	Summarize the specific operational use conditions	7-9
2.4	Limited module procedures	9
2.5	Trace antenna designs	9
2.6	RF exposure considerations	9-10
2.7	Antennas	10-11
2.8	Label and compliance information	11
2.9	Information on test modes and additional testing requirements	11-12
2.10	Additional testing, Part 15 Subpart B disclaimer	13

Name: Ben Botros

Date: 2025-03-12

Title: Manager-Regulatory & Compliance

Signature of applicant

