TES Touch Embedded Solutions Inc. Taiwan Branch

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

Date: 2023-08-09

Subject: AIO Core Board module
Company name: TES Touch Embedded Solutions Inc. Taiwan Branch
FCC ID: 2BBVL-AION7XX01

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: 2BBVL-AION7XX01 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 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).	No,EUT use trace ant design and use on specific host device.
The module must demonstrate compliance in a stand-alone configuration.	No,EUT use trace ant design and use on specific host device.
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

TES Touch Embedded Solutions Inc. Taiwan Branch

Name: Longhua Lin **Date: 2023-08-09**

Title: EMC Engineer

Signature of applicant