

# Radioworks Microelectronics PTY LTD T/A Flairmesh Technologies

Modular Transmitter Approval Request

Federal Communications Commission  
Equipment Authorization Branch  
7435 Oakland Mills Road  
Columbia, MD21046

**Company name: Radioworks Microelectronics PTY LTD T/A Flairmesh Technologies**  
**FCC ID: 2A22WFMB120**

Gentlemen,

In accordance with 47CFR 15.212 Modular Transmitters and KDB 996369 D01 'Module Certification Guide v01r04'. FCC ID: 2A22WFMB120 has been examined against the following requirements.

<b>Requirement per 15.212 and KDB 996369 D01 'Modular Certification Guide v01r04'</b>	<b>Explanation from Grantee</b> (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	Device is equipped with metal shielding to cover RF section. Refer to photos.
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	All inputs to the modules are buffered through logic and microprocessor inputs
The module must contain power supply regulation on the module	Module chipset incorporates voltage regulation to transceiver circuitry
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 Sections 15.203, 15.204(b), 15.204(c), 15.212(a), 2.929(b)	The User Manual has Guiding businesses use by PCB antenna.
The module must demonstrate compliance in a stand-alone configuration	Device is tested in a test fixture in a standalone configuration
The module must be labelled with its permanently affixed FCC ID label, or use an electronic display (See KDB Publication 784748 about labelling requirements)	FCC ID label format will be included in the filling. Host ID label will be displayed on the host system.
The module must comply with all specific rules applicable to the transmitter including all the conditions provided in the integration instructions by the grantee	Please refer to "User Manual" Exhibit
The module must comply with RF exposure requirements	RF exposure evaluation is exempted because of low output power .

**Name: Zhengdong Sha**

**Date: 2023/09/07**

**Title: Director**

**Signature of applicant:** 