

Modular Transmitter Approval Request

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

Company name:

ShenZhen RF-STAR Technology CO.,LTD

FCC ID:

2ABN2-RS3220B1

Gentlemen,

In accordance with 47CFR 15.212 Modular Transmitters and KDB 996369 D01 'Module Certification Guide v02'. FCC ID 2ABN2-RS3220B1 has been examined against the following requirements.

Requirement per 15.212 and KDB 996369 D01 'Modular Certification Guide v02'	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 its own RF shielding. Please see external photo.pdf
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 has buffered data inputs, it is integrated in Modular RF-WM-3220B1. Please see schematic.pdf
The module must contain power supply regulation on the module	All power lines derived from the host device are regulated before energizing other circuits internal to the RF-WM-3220B1 Please see schematic.pdf
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 RF-WM-3220B1 meets the FCC antenna requirements. It has an integrated antenna, which permanently affixed.
The module must demonstrate compliance in a stand-alone configuration	The RF-WM-3220B1 was tested in a stand - alone Please see setup photo.pdf
The module must be labelled with its permanently affixed FCC ID label, or use an electronic display (See KDB Publication 784748 about labelling requirements)	The label position of RF-WM-3220B1 is clearly indicated. Please see the label.pdf Please notice that if the FCC identification number is not visible when the module is installed inside another device, then the outside of the device into which the module is installed must also display a label referring to the enclosed module. This exterior label can use wording such as the following: "Contains Transmitter Module FCC ID: 2ABN2-RS3220B1" or "Contains FCC ID: 2ABN2-RS3220B1"
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 RF-WM-3220B1 is compliant with all applicable FCC rules. Detail instructions are given in the Users Manual

The module must comply with RF exposure requirements	The RF-WM-3220B1 comply with applicable RF exposure requirements. Please see RF exposure statement. pdf
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Name: Aroo woo

Date: 2018-8-14

Title: Manager

Signature of applicant:

A handwritten signature in black ink, appearing to read 'Aroo woo', written over a horizontal line.