

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

Date: 24 April 2023

Subject; Modular Transmitter Application

Company name: Airspan Communications Limited

FCC ID: O2J-AC25

Dear Sir/Madam,

This letter includes the FCC application requirements for **Limited 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 O2J-AC25 has been examined against the following requirements.

Requirement per 15.212 and KDB 996369 D01	Explanation from Grantee <small>(do not write yes/no, but explain why product complies/how it is achieved)</small>
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.	All circuitry is shielded – please see external 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.	ASIC U1A (on the schematic) contains buffering on the data inputs
The module must contain power supply regulation on the module.	Page 2 of the schematic shows the PMIC and power regulators
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 is part 24 and 27 only for professional installation by Airspan and is not sold to 3 rd parties
The module must demonstrate compliance in a stand-alone configuration.	The module has been tested fitted in its final product enclosure
The module must be labeled with its permanently affixed FCC ID label, or use an electronic display (see KDB Publication 784748).	Please see Label Location exhibit
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 see test reports and operational description exhibits
The module must comply with RF exposure requirements	Please see RF Exposure exhibit

The module is not for sale to 3rd parties and is only used within Airspan AirUnity Access products

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	Module for manufacturer own use and not for resale
2.3	Summarize the specific operational use conditions	Module for manufacturer own use and not for resale
2.4	Limited module procedures	Module for manufacturer own use and not for resale
2.5	Trace antenna designs	No trace antenna used
2.6	RF exposure considerations	See RF exposure exhibit
2.7	Antennas	See details in Operational Description
2.8	Label and compliance information	Module for manufacturer own use and not for resale
2.9	Information on test modes and additional testing requirements	Module for manufacturer own use and not for resale User Manual
2.10	Additional testing, Part 15 Subpart B disclaimer	Module for manufacturer own use and not for resale

Name: Charlie Blackham Date: 24 April 2023

Title: Director

Signature of applicant