

IDEMIA Identity and Security France

Date: November 19, 2021,

FCC ID: MPH-MB003C

This device 2.4GHz / 5GHz Wifi share one antenna

The antenna are as following:

Model Name:WM28-V07

For 2.4GHz

Max Gain:-1dBi

Antenna Type:Internal PIFA

For 5GHz

Max Gain:-1.5dBi


Antenna Type:Internal PIFA

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FCC 15.407(c) states: The device shall automatically discontinue transmission in case of either absence of information to transmit or operational failure. These provisions are not intended to preclude the transmission of control or signaling information or the use of repetitive codes used by certain digital technologies to complete frame or burst intervals.

Applicants shall include in their application for equipment authorization a description of how this requirement is met.

Data transmission is always initiated by software, which is then pass down through the MAC, through the digital and analog baseband, and finally to the RF chip. Several special packets (ACKs, CTS, PSpoll, etc...) are initiated by the MAC. There are the only ways the digital baseband portion will turn on the RF transmitter, which it then turns off at the end of the packet. Therefore, the transmitter will be on only while one of the aforementioned packets are being transmitted.

SIGNATURE:	
	11, 19, 2021
Original written signature of authorized signer	Date (Month, Day, Year)
Christophe SUEUR	Electronic Design Office Manager
Typed/printed name of authorized signer	Title of authorized signer