

Date 06/03/2024

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

Modular Approval Request

FCC ID: 2WHPW231

The following attestation addresses the requirements to support modular approval:

Modular approval requirement	Yes (provide brief statement)	No *
(a) 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	Yes, the MT7629 WiFi SoC, MT7762 and MT7761 WiFi RFIC chips with internal power amplifiers are all under shield cans. There are no amplification or RF active components outside of shield cans	
(b) 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	Yes, the module input is ethernet packets which are stored in a hardware buffer on the MT7629 WiFi SoC. These are then sent out the MT7762 and MT7761 WiFi RFIC chips when it is clear to transmit after a clear channel assessment has been performed.	
(c) The module must contain power supply regulation on the module	Yes, the module contains power supply regulation on the module	
(d) 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)	Yes, the 3x antennas are permanently attached stamped metal planar inverted-F antennas (PIFA). These are attached with solder to pads on the PCB within the module and cannot be removed.	
(e) The module must demonstrate compliance in a stand-alone configuration	Yes, the module has demonstrated compliance in standalone configuration	
(f) The module must be labelled with its permanently affixed FCC ID label, or use an electronic display (See KDB Publication 784748 about labelling requirements)	Yes, the module is labelled by a permanently affixed FCC ID label	
(g) The module must comply with all specific rules applicable to the transmitter. The grantee must provide comprehensive instructions to explain compliance requirements	Yes, the module complies with all specific transmitter rules	
(h) The module must comply with RF exposure requirements	Yes, the module complies with RF exposure requirements	

* Please provide a detailed explanation if the answer is "No."

Sincerely,

Signed: 

Printed name: Leszek M Langiewicz

Title: Compliance Manager