

Date: June 18, 2024

Federal Communications Commission
Office of Engineering and Technology Laboratory Division
7435 Oakland Mills Rd.
Columbia, MD 21046

SUBJECT: Application for Class II Permissive Change for FCC ID: **TVE-3901M12**

This is to request a Class II Permissive Change for FCC ID: **TVE-3901M12**, original granted on **03/25/2024**)

This application is to add the models: FortiWiFi 50G-DSLxxxxxxxxx, FORTIWIFI-50G-DSLxxxxxxxxx, FWF-50G-DSLxxxxxxxxx (where "x" can be used as "A-Z", or "0-9", or "-", or blank for software purposes or marketing purposes only)

The hardware changes filed under this application are below:

Models	PCB Mainboard	WWAN Module	Wi-Fi Module	WWAN Antennas	Wi-Fi Antennas	GNSS Antenna location	SSD	DSL Function
FortiWiFi 50G-5Gxxxxxxxxx, FORTIWIFI-50G-5Gxxxxxxxxx, FWF-50G-5Gxxxxxxxxx	PCB4	Yes	Yes	Yes	Yes	Front	No	No
FortiWiFi 51G-5Gxxxxxxxxx, FORTIWIFI-51G-5Gxxxxxxxxx, FWF-51G-5Gxxxxxxxxx	PCB4	Yes	Yes	Yes	Yes	Front	Yes	No
FortiWiFi 50G-DSLxxxxxxxxx, FORTIWIFI-50G-DSLxxxxxxxxx, FWF-50G-DSLxxxxxxxxx	PCB1	No	Yes	No	Yes	No	No	Yes

- The differences between Main board PCB4 and PCB1 are:
 - The dimensions of the PCB4 motherboard is 210.1 * 174.25 mm.
 - The dimensions of the PCB1 motherboard is 210.1 * 174.25 mm.
 - The PCB layouts of PCB4 and PCB1 are different, but they use the same Wi-Fi module.
 - The PCB4 motherboard has a WWAN module slot, which allows for installing a 5G module.
 - The PCB1 supports DSL functionality and has DSL circuitry and the DSL chip.
- The Wi-Fi module, Wi-Fi antennas and software security remains unchanged from the original granted.

Sincerely yours,



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