



## Declaration of Similarity

October 14, 2022

FCC ID: TVE-4617T06785

We *Fortinet, Inc.* hereby declare that Wireless Access Point, model FAP-433F are electrically identical with the same electromagnetic emissions and electromagnetic compatibility characteristics. There is no difference in PCB Circuitry/Board except for the following additional optional antenna design changes:

Antenna Model	Ant. Type	Connector	Antenna Gain (dBi)			
			Frequency (GHz)			
			2.4	5.150	5.470	5.850
FANT-04ABGN-0606-O-R	Omni	RPSMA	6dBi	6dBi	6dBi	6dBi
FANT-04ABGN-0606-P-R	Patch	RPSMA	6dBi	6dBi	6dBi	6dBi

The same DFS detection software is used in the optional antenna variant model. The conducted power and EIRP results of the optional antenna are very similar to the original. The slight lower antenna gains of the optional antenna compared to the original was considered by the lab environment measurement uncertainties and also 1dB has been added to the radar detection threshold accounting for equipment variations/errors. Therefore, Spot check is not necessary and the original DFS functionality test data is still representative for this filing and demonstrates compliance.

Product Models covered are:

**FORTIAP-433Fxxxxxx, FAP-433Fxxxxxx, FortiAP 433Fxxxxxx**

**(where “x” can be “0-9”, or “A-Z”, or “-”, or blank for marketing purposes or software changes only and no Safety or EMC related changes)**

Please contact me should there be need for any additional clarification or information.

Sincerely,

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Andrew Ji  
Sr. Director Operations  
Fortinet, Inc.