

Date: 7/30/2021

Description of Permissive Change

The application is preparing for FCC Class II Permissive Change that adding a certified module (FCC ID: MSQAX201NG; Grant issued date: 03/08/2019)

Modification:

-Change #1: Additional chassis added, ASUSTeK, model number: UP5401E, RP5401E

Models differences: All models are electrically identical, different model names are for marketing purpose.

-Change #2: Reduces WIFI output power through BIOS that cannot be changed by end user and SAR were evaluated accordingly.

-Change #3: Adds new antennas that meet FCC Part 15 equivalent-type

The antenna information is listed as below.

Antenna list:

Antenna Source	ANT	Manufacturer	Part No. (Vendor)	Type	Frequency	Max. Gain(dBi)	
						NB	PAD
1	Chain A	AWAN	AML8Y-100118	PIFA Antenna	2402 - 2480	0.74	-1.40
					5150 - 5250	3.26	-0.30
					5250 - 5350	3.26	-0.20
					5470 - 5725	3.12	1.48
					5725 - 5850	3.78	1.87
	Chain B	AWAN	AML8Y-100117	PIFA Antenna	2402 - 2480	-0.49	-1.09
					5150 - 5250	3.29	2.21
					5250 - 5350	3.39	1.89
					5470 - 5725	4.03	2.83
					5725 - 5850	4.23	3.07
2	Chain A	INPAQ	MDA-LE-01-002	PIFA Antenna	2402 - 2480	2.01	-0.90
					5150 - 5250	3.60	0.50
					5250 - 5350	3.54	0.55
					5470 - 5725	4.76	3.18
					5725 - 5850	4.89	3.30
	Chain B	INPAQ	MDA-LE-02-002	PIFA Antenna	2402 - 2480	1.59	-0.34
					5150 - 5250	3.54	3.55
					5250 - 5350	3.67	3.12
					5470 - 5725	4.13	3.05
					5725 - 5850	4.24	3.78

FCC ID: MSQAX201NG

The modules mentioned above has been approved and is electronically and mechanically identical to the original instructions and requirements.

Except for the changes mentioned above, no other modification is performed.

A handwritten signature in cursive script, appearing to read "Amanda WU".

Amanda WU / Senior Specialist
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