ASUSTeK Computer Inc

Class II Permissive Change Letter

Date: 12/9/2024

Federal Communications Commission
Authorization and Evaluation Division
7435 Oakland Mills Road
Columbia, MD

To Whom It May Concern:

The purpose of this letter is to request Class II Permissive Change for:
FCC ID:**MSQ-QCNFA765**
Original Grant Date: **09/23/2024 (DSS/DTS/NII), 09/24/2024(6CD)**

Pursuant to CFR 2.1043, (**ASUSTeK Computer Inc**) hereby requests a Class II Permissive Change.
The changes filed to this application are:

-Change #1: Additional chassis added, ASUSTeK,
model number: X1407Q, F1407Q, A1407Q, R1407Q, X1407QA
Models differences: All models are electrically identical (including appearance, dimensions, I/O ports, antenna locations, and RF electrically identical are the same.), different model names are for marketing purpose.

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

-Change #3: The software security information is kept the same as the module's original application.

-Change #4: Adds new antennas that meet FCC Part 15 equivalent-type,
The original application was certified with a 5.16 dBi.
The C2PC is to add a lower gain

Function	Band	MAIN		AUX	
		NB mode	PAD mode	NB mode	PAD mode
Wi-Fi+BT	2.4G (2401MHz~2483MHz)	2.68		2.77	
	5G (U-NII-1) (5150MHz~5250MHz)	3.02		2.34	
	5G (U-NII-2A) (5250MHz~5350MHz)	3.02		2.64	
	5G (U-NII-2C) (5470MHz~5725MHz)	4.61		4.71	
	5G (U-NII-3) (5725MHz~5850MHz)	4.1		4.02	
	5G (U-NII-4) (5850MHz~5895MHz)	3.79		3.34	
	6G (U-NII-5) (5925MHz~6425MHz)	4.26		3.41	
	6G (U-NII-6) (6425MHz~6525MHz)	3.94		3.32	
	6G (U-NII-7) (6525MHz~6875MHz)	3.94		3.71	
	6G (U-NII-8) (6875MHz~7125MHz)	3.22		4.46	
BT	2.4G (2401MHz~2483MHz)	2.68		2.77	

-Change #5: The lowest antenna gain of Wi-Fi 6E band shows 0 dBi on initial modular filing (report number:RF201119E01-6) of the CBP, the regulatory threshold is -62 dBm/MHz. For this application, it is satisfactory to the new antenna (lowest antenna gain of Wi-Fi 6E band is 3.22 dBi) used by this host.

Thank you for your attention in this matter.

Best Regards,

Signature

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