

# ASUSTeK Computer Inc

## Class II Permissive Change Letter

DATE : 2024/7/18

To Whom It May Concern:

The purpose of this letter is to request Class II Permissive Change for:

FCC ID: **MSQBE201D2**

Original Grant Date: **2024/06/14 (DSS/DTS/NII/6CD)**

Pursuant to CFR 2.1043, (**ASUSTeK Computer Inc**) hereby requests a Class II Permissive Change.  
Modification:

-Change #1: Additional chassis added, ASUSTeK,  
model number: UX5406S, BX5406S, RX5406S  
Models differences: All models are electrically identical, 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: Adding new antenna(s) of equivalent type to the original.

The original application was certified with a 5.15 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 (2400MHz~2483MHz)          | 2.82    |          | 2.71    |          |
|          | 5G (U-NII-1) (5150MHz~5250MHz)  | 2.32    |          | 2.41    |          |
|          | 5G (U-NII-2A) (5250MHz~5350MHz) | 3.18    |          | 3.17    |          |
|          | 5G (U-NII-2C) (5470MHz~5725MHz) | 3.81    |          | 3.87    |          |
|          | 5G (U-NII-3) (5725MHz~5850MHz)  | 3.62    |          | 3.8     |          |
|          | 5G (U-NII-4) (5850MHz~5895MHz)  | 3.02    |          | 3.8     |          |
|          | 6G (U-NII-5) (5925MHz~6425MHz)  | 3.78    |          | 3.36    |          |
|          | 6G (U-NII-6) (6425MHz~6525MHz)  | 2.63    |          | 2.34    |          |
|          | 6G (U-NII-7) (6525MHz~6875MHz)  | 2.48    |          | 2.07    |          |
| BT       | 6G (U-NII-8) (6875MHz~7125MHz)  | 0.91    |          | 0.9     |          |
|          | 2.4G (2400MHz~2483MHz)          |         |          | 2.71    |          |

-Change #5: The lowest antenna gain of Wi-Fi 6E band shows 5.02 dBi on the report number 231120-06.TR12 of the CBP, the lowest Injected (AWGN) Power (dBm) is -66.5. For this application, lowest antenna gain of Wi-Fi 6E band is 2.53, is safe and greater than the threshold (-62 dBm).

Thank you for your attention in this matter.

Best Regards,

Signature 

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