

Realtek Semiconductor Corp.

Class II Permissive Change Letter

DATE : 2024/11/28

To Whom It May Concern:

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

FCC ID: TX2-RTL8852BE

Original Grant Date: 01/20/2022 (DSS/DTS), 09/06/2022(NII)

Pursuant to CFR 2.1043, (Realtek Semiconductor Corp.) hereby requests a Class II Permissive Change.

Modification:

-Change #1: Additional chassis added, ASUSTeK,

model number: FX707, FX707V, FX707VU, FX707VUR, FX707VB, FX707VUB, FX707VBR
TUF707V, TUF707VU, TUF707VUR, TUF707VB, TUF767V, TUF767VU, TUF767VUR, TUF767VB

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

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

The original application was certified with a 5 dBi.

The C2PC is to add a lower gain

Band	Antenna Peak Gain (dBi)			
	MAIN		AUX	
	NB mode	PAD mode	NB mode	PAD mode
2.4G (2400MHz~2483MHz)	2.85		2.61	
5G (U-NII-1) (5150MHz~5250MHz)	3.41		3.08	
5G (U-NII-2A) (5250MHz~5350MHz)	3.14		3.22	
5G (U-NII-2C) (5470MHz~5725MHz)	4.44		4.07	
5G (U-NII-3) (5725MHz~5850MHz)	3.76		4.53	
5G (U-NII-4) (5850MHz~5895MHz)	3.19		3.69	
2.4G (2401MHz~2483MHz)			2.61	

-Change#4: The software security information is kept the same as the module's original application.

Thank you for your attention in this matter.

Best Regards,

Signature 

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