

# ASUSTeK Computer Inc

1F., No. 15, Lide Rd., Beitou Dist., Taipei City 112, Taiwan

## Class II Permissive Change Letter

DATE : 2023/12/27

To Whom It May Concern:

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

FCC ID: **MSQFM101GL**

Original Grant Date: **08/03/2022**

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

-Change #1: Additional chassis added, ASUSTeK,  
model number: BR1204FG, BR1204CG, BR1104FG, BR1104CG  
Models differences: All models are electrically identical, different model names are for marketing purpose.

-Change #2: This filing also addresses co-location with WLAN, BT module FCC ID: MSQAX201NG

-Change #3: Add two antennas to WWAN module which have the same antenna's type (PIFA) with original grant, and each antenna gain is lower than the original application, only different in manufacturer. The antenna information is list as below (Appendix A).

Thank you for your attention in this matter.

Best Regards,

Name / Title : Jackson Yen / Associate Vice President

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Signature :



## Appendix A \_Antenna Information

Antenna Manufacturer	ANT	Part No. (Vendor)	Type	Frequency (MHz)	Max. Gain(dBi)	
					NB	PAD
INPAQ	Chain 0	WA-F-S6G1-02-025	PIFA Antenna	B2(1850-1910)	-1.66	0.27
				B4(1710-1755)	-0.56	2.04
				B5(824-849)	-1.22	-3.34
				B7(2500-2570)	2.67	1.12
				B12(699-716)	-0.83	-4.67
				B13(777-787)	-1.11	-3.76
				B17(704-716)	-0.92	-3.56
				B26(814-849)	-0.98	-3.34
				B30(2307-2313)	0.98	0.75
				B38(2570-2620)	2.74	0.68
				B41(2496-2690)	2.78	1.09
				B48(3550-3700)	0.76	0.76
				B66(1710-1780)	-1.01	1.72
				B71(665.5-695.5)	-1.20	-4.67
	Chain 1	WA-F-S6G1-03-002	PIFA Antenna	B2(1850-1910)	NA	NA
				B4(1710-1755)	NA	NA
				B5(824-849)	NA	NA
				B7(2500-2570)	NA	NA
				B12(699-716)	NA	NA
				B13(777-787)	NA	NA
				B17(704-716)	NA	NA
				B26(814-849)	NA	NA
				B30(2307-2313)	NA	NA
				B38(2570-2620)	NA	NA
B41(2496-2690)	NA	NA				
B48(3550-3700)	NA	NA				
B66(1710-1780)	NA	NA				
B71(665.5-695.5)	NA	NA				

Antenna Manufacturer	ANT	Part No. (Vendor)	Type	Frequency (MHz)	Max. Gain(dBi)	
					NB	PAD
INNOWAVE	Chain 0	F001C8712190001	PIFA Antenna	B2(1850-1910)	0.27	-2.34
				B4(1710-1755)	1.01	-0.09
				B5(824-849)	0.42	-4.84
				B7(2500-2570)	1.77	0.73
				B12(699-716)	-0.91	-4.66
				B13(777-787)	-0.34	-5.12
				B17(704-716)	-0.77	-4.64
				B26(814-849)	0.42	-4.69
				B30(2307-2313)	0.86	0.88
				B38(2570-2620)	1.70	0.93
				B41(2496-2690)	1.37	0.80
				B48(3550-3700)	0.97	0.95
				B66(1710-1780)	1.05	-0.22
				B71(665.5-695.5)	-1.15	-5.86
	Chain 1	F001C8712590001	PIFA Antenna	B2(1850-1910)	NA	NA
				B4(1710-1755)	NA	NA
				B5(824-849)	NA	NA
				B7(2500-2570)	NA	NA
				B12(699-716)	NA	NA
				B13(777-787)	NA	NA
				B17(704-716)	NA	NA
				B26(814-849)	NA	NA
				B30(2307-2313)	NA	NA
				B38(2570-2620)	NA	NA
B41(2496-2690)	NA	NA				
B48(3550-3700)	NA	NA				
B66(1710-1780)	NA	NA				
B71(665.5-695.5)	NA	NA				

Note :

1. INPAQ antenna and INNOWAVE antenna are the same type of antenna, only different in manufacturer.
2. The Chain 0 is connected to Main port / Chain 1 is connected to AUX port of module.