

ASUSTeK Computer Inc

Declaration of Product Modifications

DATE : 2024/5/13

To Whom It May Concern:

The purpose of this letter is to request Class II Permissive Change for:
FCC ID: **MSQFM101GL**
Original Grant Date: **04/22/2024**

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

-Change #1: Additional chassis added, ASUSTeK, model number: CR1204FG, CR1204CG, CR1104FG, CR1104CG

Brand	Model Number	LCD size	Flip angle of panel	Stylus pen
ASUS	CR1104CG	11"	180 degree	X
	CR1104FG		360 degree	O (Optional)
	CR1204CG	12"	180 degree	X
	CR1204FG		360 degree	O (Optional)

- The different between the CR1204 series and CR1104 series is LCD size.
- All models are electrically identical (including the dimensions, antenna location and RF electrically identical are the same.), different model names and SKU are for marketing purpose.

- Change #2: This filing also addresses co-location with WLAN, BT module FCC ID: MSQAX211NG.

- 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 below (see Appendix A).

Thank you for your attention in this matter.

Best Regards,

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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 (Ant 0) is connected to Main port / Chain 1 (Ant 1) is connected to AUX port of module.