

MediaTek Inc.

Class II Permissive Change Letter

DATE : 2024/2/6

To Whom It May Concern:

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

FCC ID: **RAS-MT7922A12L**

Original Grant Date: **11/11/2021 for DSS, 05/09/2022 for DTS, 10/05/2021, 02/07/2022(5.9G) for NII, 08/04/2022 for 6XD.**

Pursuant to CFR 2.1043, (**MediaTek Inc.**) hereby requests a Class II Permissive Change.

Modification:

-Change #1: Additional chassis added, ASUSTeK,
model number: M5506N, D5506N, Y5506CN, M5606N, D5606N, Y5606CN, M5506U, D5506U, Y5506CU, M5606U, D5606U, Y5606CU

Brand	Model Number	LCD size	CPU	PCB
ASUS	M5506N, D5506N, Y5506CN	15.6"	R5-7535H/HS	REV:C
	M5606N, D5606N, Y5606CN	16"	R7-7735H/HS	
	M5506U, D5506U, Y5506CU	15.6"	R9-8945H/HS	REV:B
	M5606U, D5606U, Y5606CU	16"	R7-8845H/HS	

- All models are electrically identical, only for CPU different are for marketing purpose for M5506N& M5606N and M5506U& M5606U

- Contains 2 series models, the dimensions of EUT are identical, including antenna locations, and distances to each edge are the same, and the different between the M55 series sku and M56 series sku is only LCD size.

- Two PCBs are identical (including the dimensions, antenna location and RF electrically identical are the same.), the difference is only CPU. Due to the different CPUs installed on the products, the PCB versions will also be different.

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

-Change #3: Reduces BT/BLE output power through BIOS that cannot be changed by end user and original module report were evaluated accordingly.

-Change #4: Adds one antenna to WLAN module which have the same antenna's type (PIFA) with original grant, and each antenna gain is lower than the original application.

The original application was certified with a 4.92 dBi.

The antenna information is list as below (Appendix A).

Thank you for your attention in this matter.

Best Regards,


Signature

Stella Chang/ Business Marketing Manager

Tel.: + 886-3-5600868

Fax: + 886-3-6662673

E-mail: Stella.Chang@mediatek.com

Appendix A _Antenna Information

Manufacturer	ANT	Part No.(Vendor)	Type	Frequency (MHz)	Max. Gain (dBi)
Luxshare-ICT	Chain 0	LA9RF560-CS-H	PIFA Antenna	2402 - 2480	-0.32
				5150 - 5250	3.57
				5250 - 5350	3.69
				5470 - 5725	3.66
				5725 - 5850	3.66
				5850 - 5925	1.66
				5925 - 6425	2.62
				6425 - 6525	2.44
				6525 - 6875	0.75
	6875 - 7125	2.38			
	Chain 1	LA9RF561-CS-H	PIFA Antenna	2402 - 2480	1.52
				5150 - 5250	3.59
				5250 - 5350	3.37
				5470 - 5725	2.96
				5725 - 5850	2.96
				5850 - 5925	0.78
				5925 - 6425	2.16
				6425 - 6525	2.15
6525 - 6875				1.53	
6875 - 7125	2.34				