

Fujian Centerm Information Co.,Ltd.

Federal Communications Commission
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Columbia MD 21046

C.C.: Kiwa Netherlands B.V., Dept. FCC TCB
Wilmersdorf 50
7327 AC Apeldoorn
The Netherlands

Subject: Requesting Class II permissive change for FCC ID: 2AN9R-M610L.
To Whom It May Concern:

The purpose of this letter is to request a Class II Permissive change for
FCC ID: 2AN9R-M610L, granted on 12/23/2021 (CBE) & 12/24/2021 (PCE).
The major change field under this application is:

1. The subject approved module is being used in a portable configuration- a Notebook Computer、Chromebook、Thin Client、Portable cloud computer、Notebook PC (Brand name/Model: N/A/ Centerm Chromebook M610, Centerm Enterprise Chromebook M610、Chromebook M610、M610、M610 Plus、M***、M61***、M*****、OM***、OM*****) (“*” may be alphanumeric characters, blank or other characters, which represent Operating system or user serial number. such changes do not concern those factors (such as hardware and the external structure) which might impact the security or electromagnetic compatibility of the device.)
The distance between antenna and human body is 0mm. SAR testing was performed to demonstrate RF compliance.
Because the antenna gain is lower than that of the module, RF testing was also performed to demonstrate RF compliance.
2. The difference compared with the original module design is antenna change. Two groups antennas are used for the subject approved module in the Notebook Computer as below listed.
Original module:



Technology	Frequency Range (MHz)	Antenna Type	Max Peak Gain (dBi)
LTE Band 2	1850 ~ 1910	PIFA	4.00
LTE Band 4	1710 ~ 1755		3.00
LTE Band 5	824 ~ 849		3.00
LTE Band 7	2500 ~ 2570		4.00
LTE Band 12	699 ~ 716		3.00
LTE Band 13	777 ~ 787		3.00
LTE Band 14	788 ~ 798		3.00
LTE Band 17	704 ~ 716		3.00
LTE Band 25	1850 ~ 1915		4.00
LTE Band 26	814 ~ 849		3.00
LTE Band 30	2305 ~ 2315		1.00
LTE Band 38	2570 ~ 2620		4.00
LTE Band 41	2500 ~ 2690		4.00
LTE Band 48	3550 ~ 3700		1.00
LTE Band 66	1710 ~ 1780		3.00
LTE Band 71	663 ~ 698		3.00

Notebook:

Antenna Information For LTE	Brand	Ant. Part number	Type	Band	Gain (dBi)
		81EAB415.G01	PIFA	LTE Band 2	0.55
				LTE Band 4	0.88
				LTE Band 5	-0.95
				LTE Band 7	2.95
				LTE Band 12	-0.34
				LTE Band 13	-0.30
				LTE Band 14	-0.51
				LTE Band 17	-0.34
				LTE Band 25	0.74
				LTE Band 26	-0.51
				LTE Band 30	0.74
				LTE Band 38	2.99
				LTE Band 41	2.99
				LTE Band 66	0.88
				LTE Band 71	-0.34



Antenna Information For WIFI	Ant.	Manufacturer	Ant. Part number	Type	Frequency Range (MHz)	Gain (dBi)
	Main Ant	Wistron NeWeb Corp.	DQ6615GAY00 (81EAA615.GAY)	PIFA	2400-2483.5	1.35
					5150-5250	2.34
					5250-5350	2.34
					5470-5725	2.52
					5725-5850	1.69
	Aux Ant	Wistron NeWeb Corp.	DQ6615GAY00 (81EAA615.GAY)	PIFA	2400-2483.5	1.16
					5150-5250	1.58
					5250-5350	1.58
					5470-5725	2.37
					5725-5850	2.37

3. Reduce the Output Power through software, and SAR measurement was evaluated.

Please contact me if you have any questions or need further information regarding this application.

Best Regards

Name: Fuming Li
Title: Certification Engineer
Date: 2025-01-17
Signed:

Fuming Li

