

Quectel Wireless Solutions Co., Ltd

Date: May 28, 2018
Federal Communications Commission
Authorization and Evaluation Division
7435 Oakland Mills Road
Columbia, MD 21046

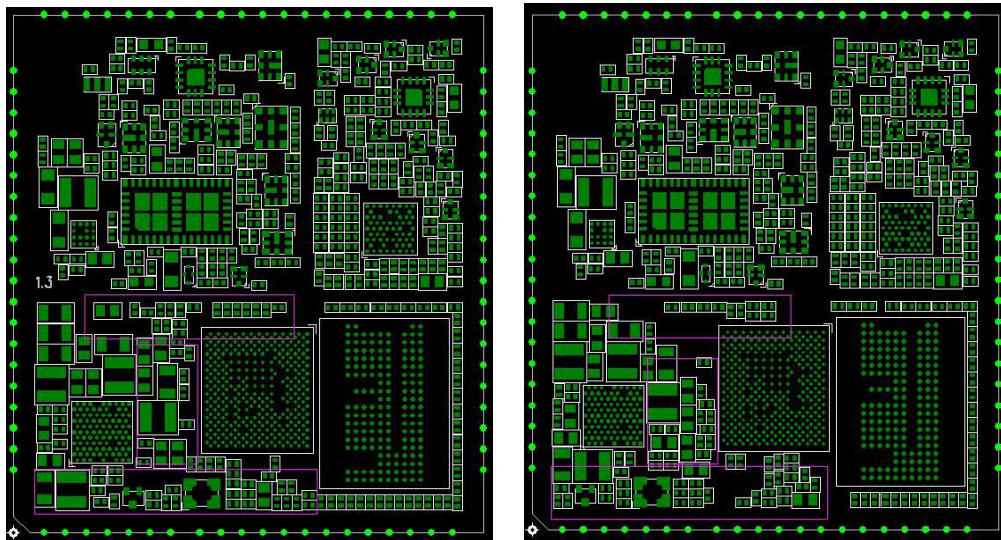
Attn: OET Dept.

Ref: FCC Class II Permissive change for FCC ID: XMR201606EC21A
Original Grant Date: 7/27/2016
Class II change Date: 04/13/2017
Applicant: Quectel Wireless Solutions Co., Ltd

Dear Examiner,

This is to request a Class II permissive change for FCC ID: XMR201606EC21A, originally granted on 7/27/2016

EC21-A, EC21-A MINIPCIE,
All above series models share the same hardware and software design. Here we need to update the hardware to improve power supply. There are some differences between **Certified HW Version A** and **New HW Version B** on PCB design which are some capacitors and resistors' location which used for BB. The details are shown as following pictures and table.



Designator	R1.0 Position (mm, mm)	R1.1 Position (mm, mm)
C0301	(5.8, 13.7)	(9.7, 6.89)
C0306	(7.475, 13.75)	(10.84, 7.81)
C0310	-	(8.707, 13.847)

Quectel Wireless Solutions Co., Ltd

C0307	(10.85, 11.1)	-
C0328	(8.85, 12.78)	-
C0227	(8.085, 11.15)	-
R0501	(16.35, 13.9)	(19.08, 13.91)
C0340	-	(9.23, 1.7)
C0402	-	(12.37, 4.25)
C0227	(8.085, 11.15)	(4.45, 13.58)
C0330	(9.1, 11.375)	(9.66, 5.12)
C0211	(2.575, 11.03)	(2.42, 12.35)
L0201	(2.35, 9.15)	(2.32, 10.45)
L0202	(8.925, 7.1)	(8.15, 7.94)
C0214	(1.91, 2.73)	(1.89, 4.05)
L0204	(3.62, 2.64)	(3.78, 3.97)
Y0101	(11.61, 2.45)	(7.45, 2.39)
Q0101	(7.36, 2.125)	(3.32, 2.12)
C0317	(15.46, 2.3)	(17.01, 1.87)

We hereby state that there is no any other internal difference between them and the change is layout part of power supply BB which won't affect the RF portions and the original RF data can be re-used.

Your assistance on this matter is highly appreciated.

Sincerely,



Signature:

Print name: Johnny Xiang

Company: Quectel Wireless Solutions Company Limited