

Statement

We Quectel Wireless Solutions Co., Ltd declare the following models.

Product Name: NB Module

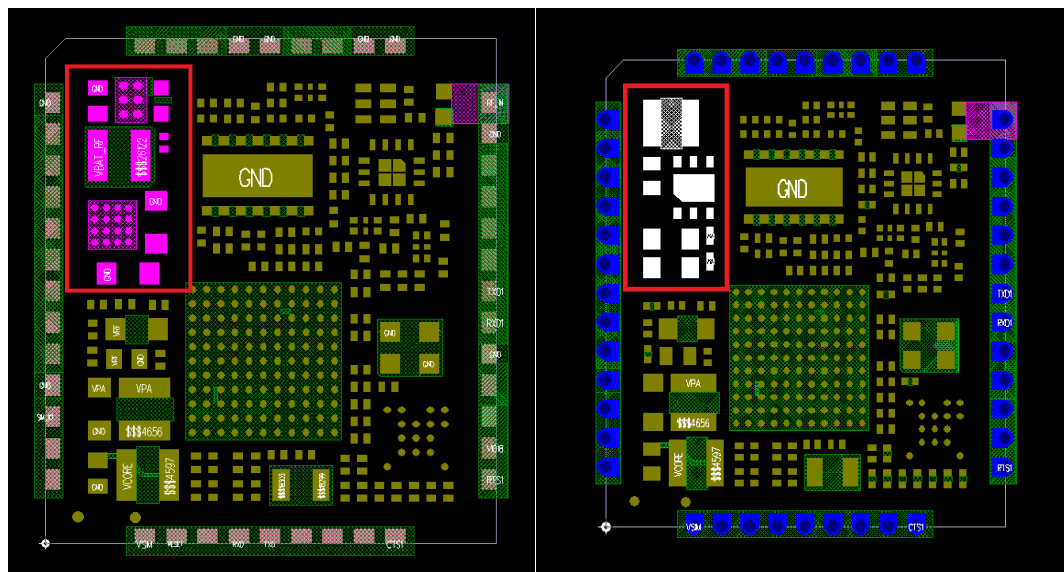
Model Number: BC66

Hardware version: Refer to below table

Model	Certified HW Version A	New HW Version B
BC66	R2.1	R2.5

Above series models share the same hardware and software design. Here we need to update the hardware to replace the previous power chip. There are some differences between **Certified HW Version A** and **New HW Version B** on PCB design which are the power chip and its peripheral components. And frequency range changes by narrower the bandwidth via SW. The details are shown as following pictures and table.

The left is **HW Version A** and the right is **New HW Version B**.



Designator	R2.1Position (mm, mm)	R2.5 Position (mm, mm)
U201	PMIC DC-DC BOOST 1.8-5V ADJ 2.0A WL-CSP-16B 1.67 x 1.67 mm H0.6mm RO	PMIC DCDC BOOST 0.7-5.5V 1.8-5.5V 1MHz 1A 1μA DFN2*2-6 2x2mm H0.8mm RO
C215	CAP X5R 10uF +/-20% 6.3V CH0402 RO	CAP X5R 4.7uF +/-20% 6.3V CH0402 H0.65mm RO
L204	IND LOW 1.5uH +/-20% 0.095ohm 2.0A 2.0x1.6mm H1.0mm RO	IND LOW 2.2uH +/-20% 0.135ohm 1.60A 2.0x1.6mm H1.0mm RO
R203	NONE	RES MF 100K +/-1% 1/20W CH0201 RO
R204	NONE	RES MF 43K +/-1% 1/20W CH0201 RO
C216	CAP X5R 22uF +/-20% 6.3V CH0603 RO	CAP X5R 47uF +/-20% 6.3V CH0603 H1.0mm RO
C220	CAP X5R 22uF +/-20% 6.3V CH0603 RO	CAP X5R 47uF +/-20% 6.3V CH0603 H1.0mm RO
U202	NOT MOUNTED	NONE
C221	NOT MOUNTED	NONE
R205	NOT MOUNTED	NONE

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, 

Name:Jean Hu

Title:Certification Section