

# Statement

This is to request a Class II permissive change for FCC ID: XMR202309AF55C originally granted on 12/20/2023.

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

**Product Name:** Wi-Fi & Bluetooth Module

**Model Number:**AF55C

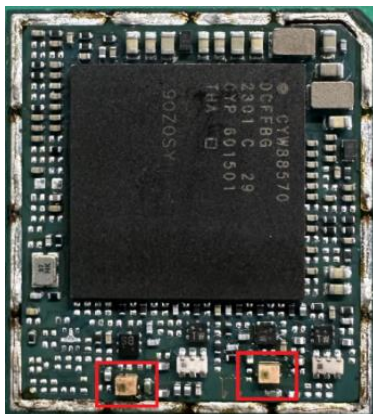
**Hardware Version:** R1.1

AF55C switches to the new filter because the original filter is EOL.

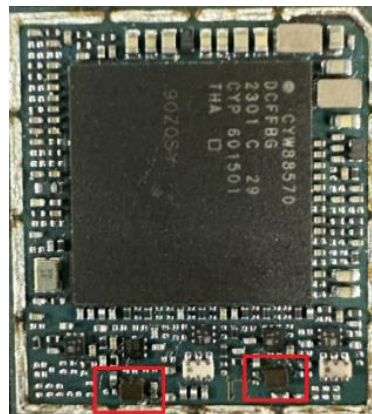
- 1) The new chip component is pin-for-pin compatible --yes
- 2) The new chip has the same basic function as the old chip, from an external perspective (internal circuitry may differ) -- yes
- 3) No change in radio parameters has occurred. -- yes
- 4) The same conditions apply when a small area (approximately the same area as the chip) of the PCB is replaced with an equivalent chip. – yes

The difference is as below:

Module	Filter
AF55C R1.0	Filter: QT0013603707
AF55C R1.1	Filter: QT0013603823



AF55C R1.0



AF55C R1.1

Designator	AF55C R1.1	AF55C R1.0
U0401	IC RF TX filter WLAN 2.4G 36dBm	IC RF BPF WIFI&BT 2400-2500MHz 34dBm
U0502	1.1x0.9mm H0.7mm RO	PINS5 1.1x0.9mm H0.6mm RO

Update the max voltage from 3.8V to 4.8V.

Above changes won't impact the protocol and RF performance for original frequency bands.

Your assistance on this matter is highly appreciated.

Sincerely,



**Name:** Jean Hu

**Position/Title:** Certification Manager