DR5018S
USER MANUAL

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2.DR5018S UART configuration
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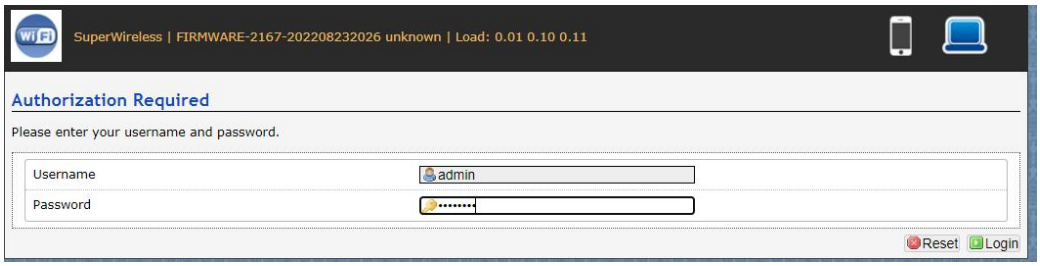
DR5018S

IPQ5018 UI setting

1.Input the IP 192.168.1.1 and login

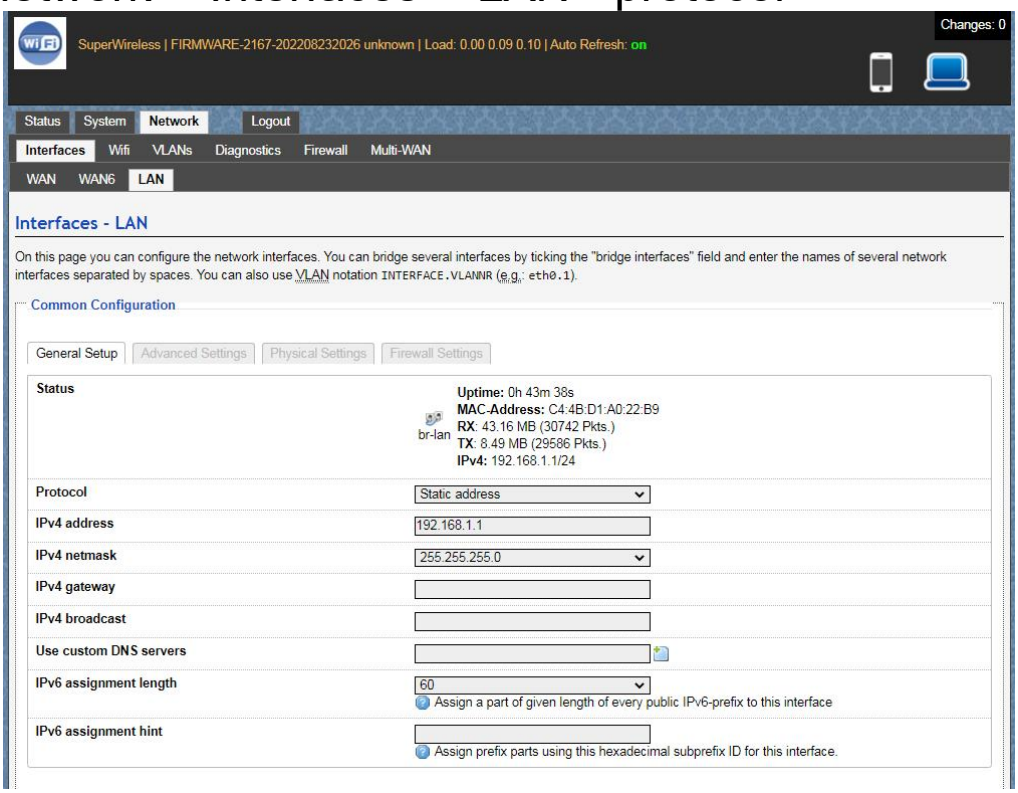
2.Input the username “admin” password

“password” then press the button “Login”



3. Network setting

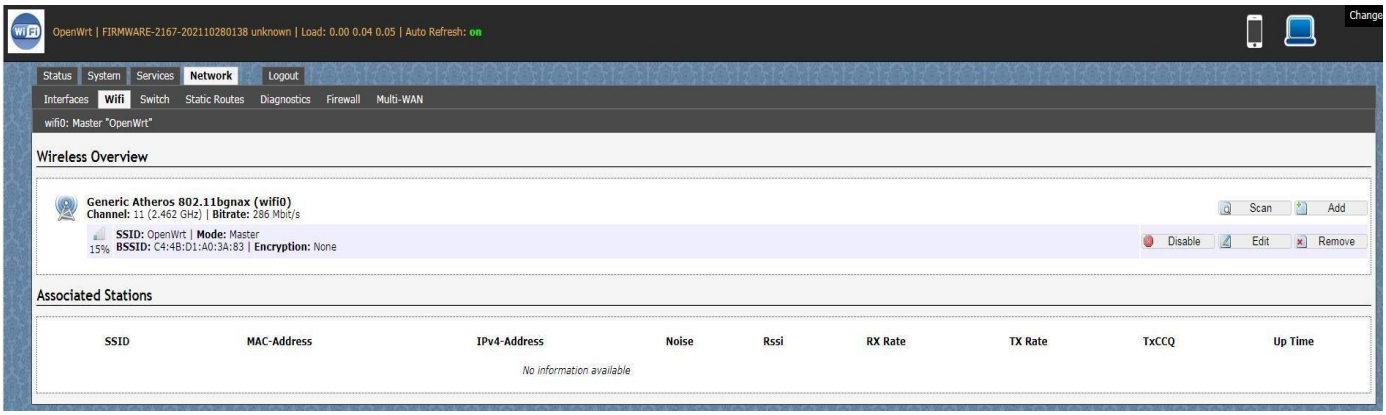
- IP Setting: setting IP in the path "network->Interfaces->LAN->IPV4 address"
- DHCP setting:DHCP and other protocol setting in the path network-> Interfaces-> LAN->protocol”



IPQ5018 UI setting

4. Wireless setting

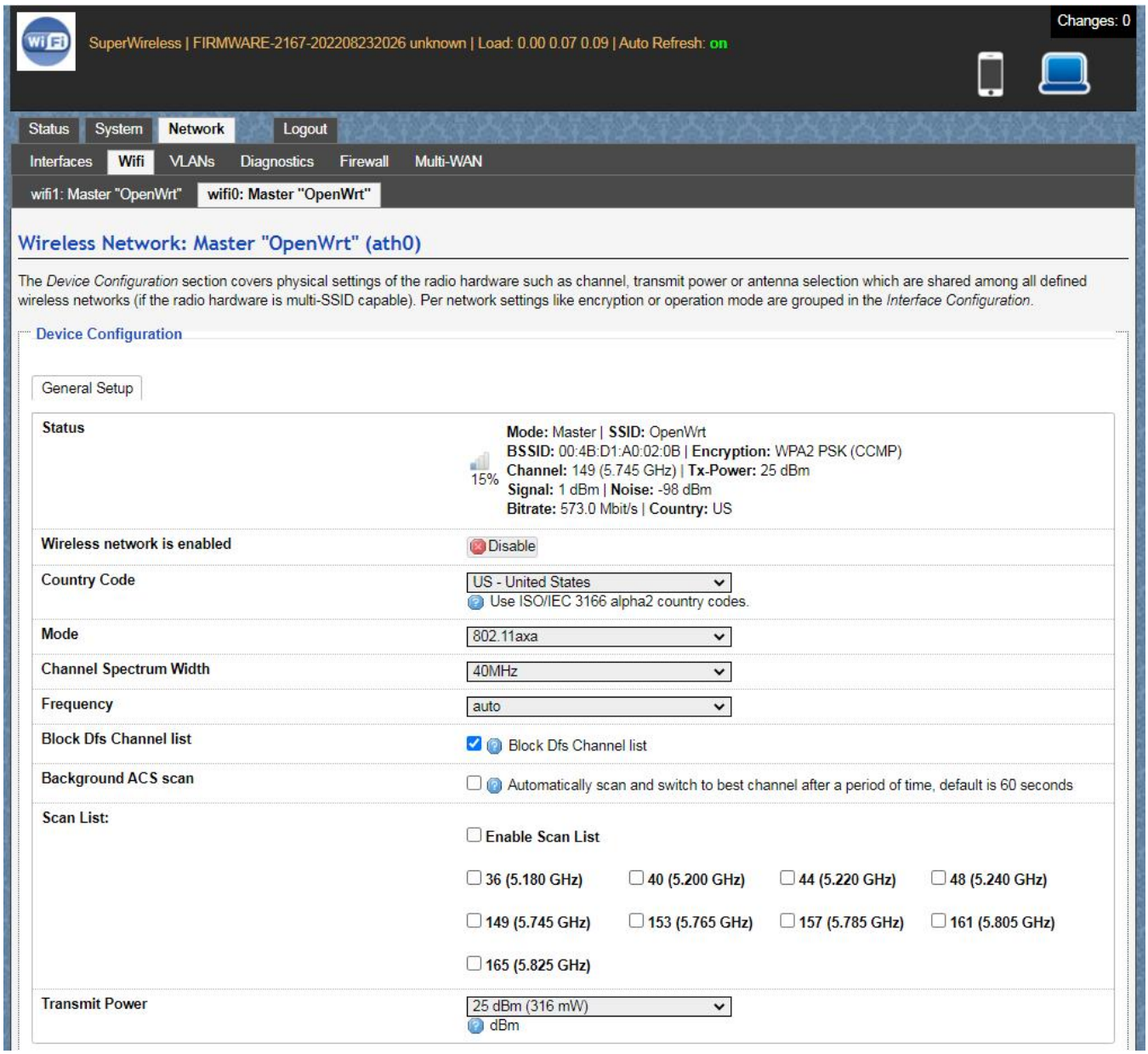
login the path network->Interfaces->WIFI, then choose one wifi,we select
the red marked as example,click the button ‘Edit’



IPQ5018 UI setting

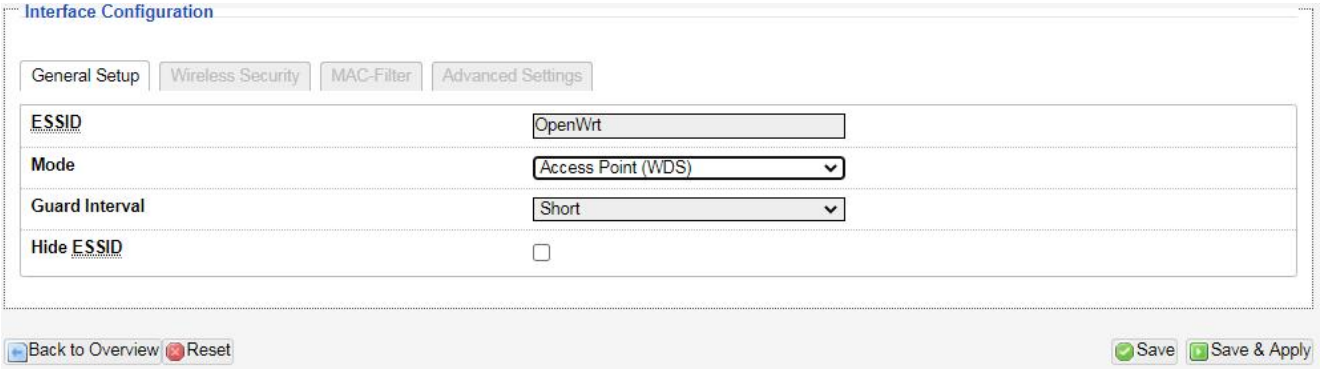
The detail information show in the picture as below:

- Channel:for channel select;
- Transmit Power:signal chain power setting; ESSID:for ID
- Mode:it support 4 mode AP,AP(WDS),client,client(WDS) Wireless
- Security: for Encryption setting



IPQ5018 UI setting

In advance setting you can select which chain do you need,which BW do you need and so on

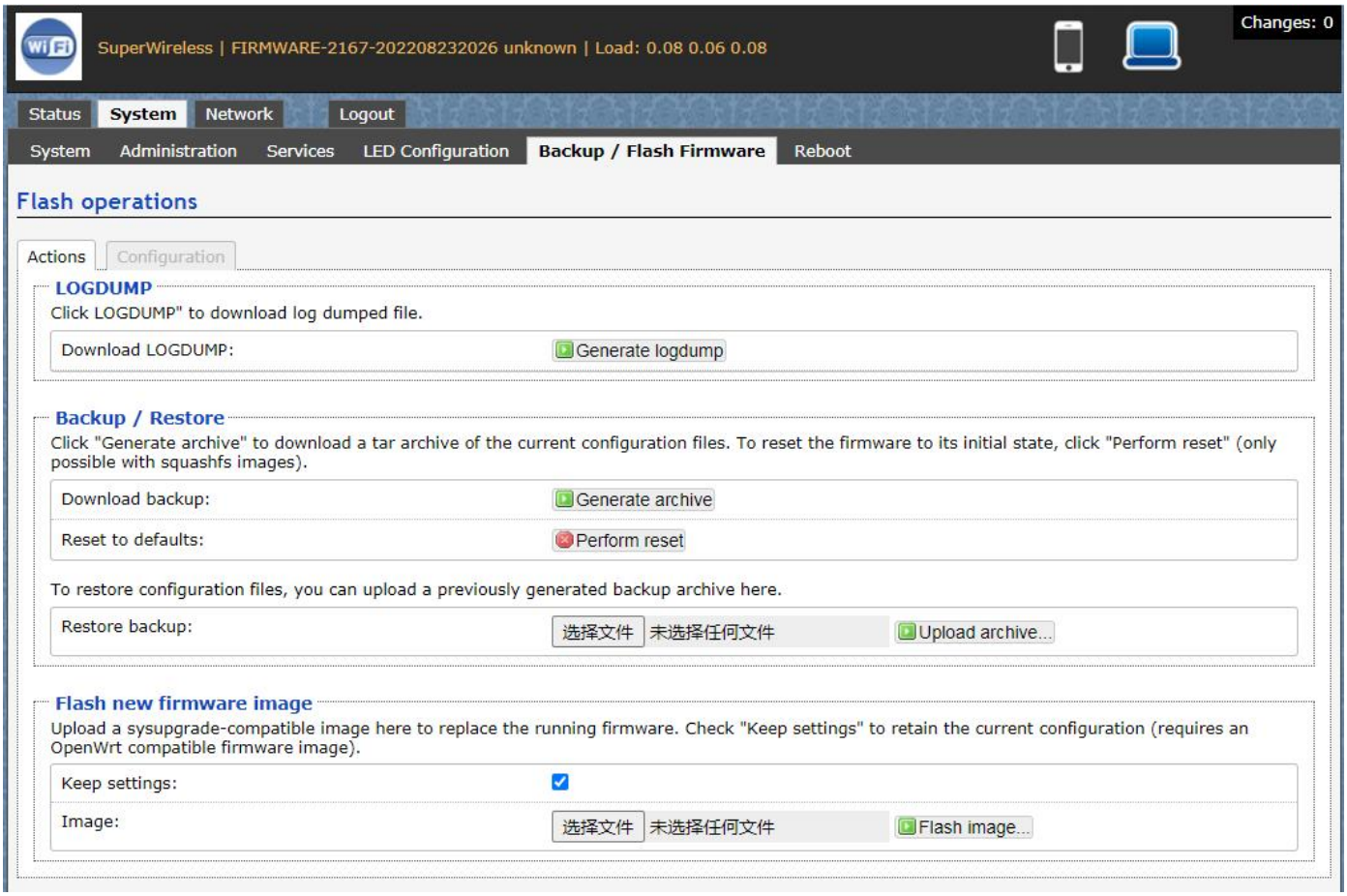


In the end, you need click the button “Save & Apply”, and wait for 2 minutes, then you can enjoy it.

IPQ5018 UI setting

5. Backup archive

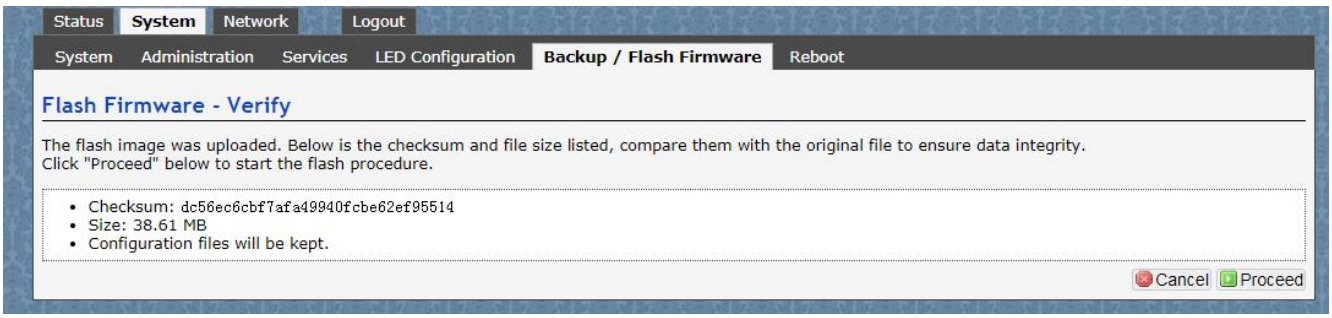
Login System->Backup/Flash Firmware;
Then click the button “Generate archive”
Then download the archive



IPQ5018 UI setting

6.Update new image

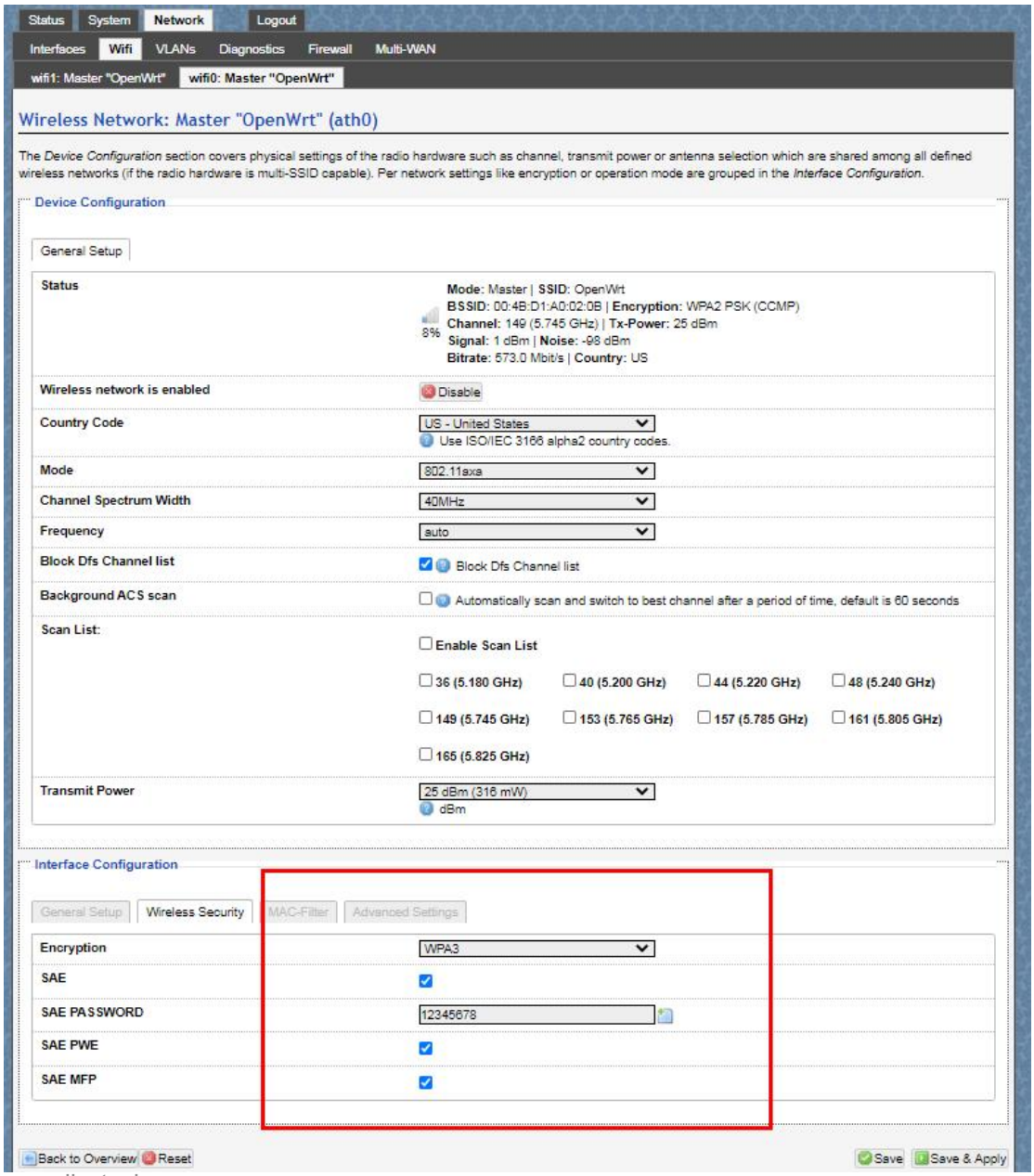
Login System->Backup/Flash Firmware;
Then click the button “ flash image”
Then click the button “Proceed” warning don't power off wait for about three minutes
Then the system will reboot automatic.
Then login again,you can enjoy it.



IPQ5018 UI setting

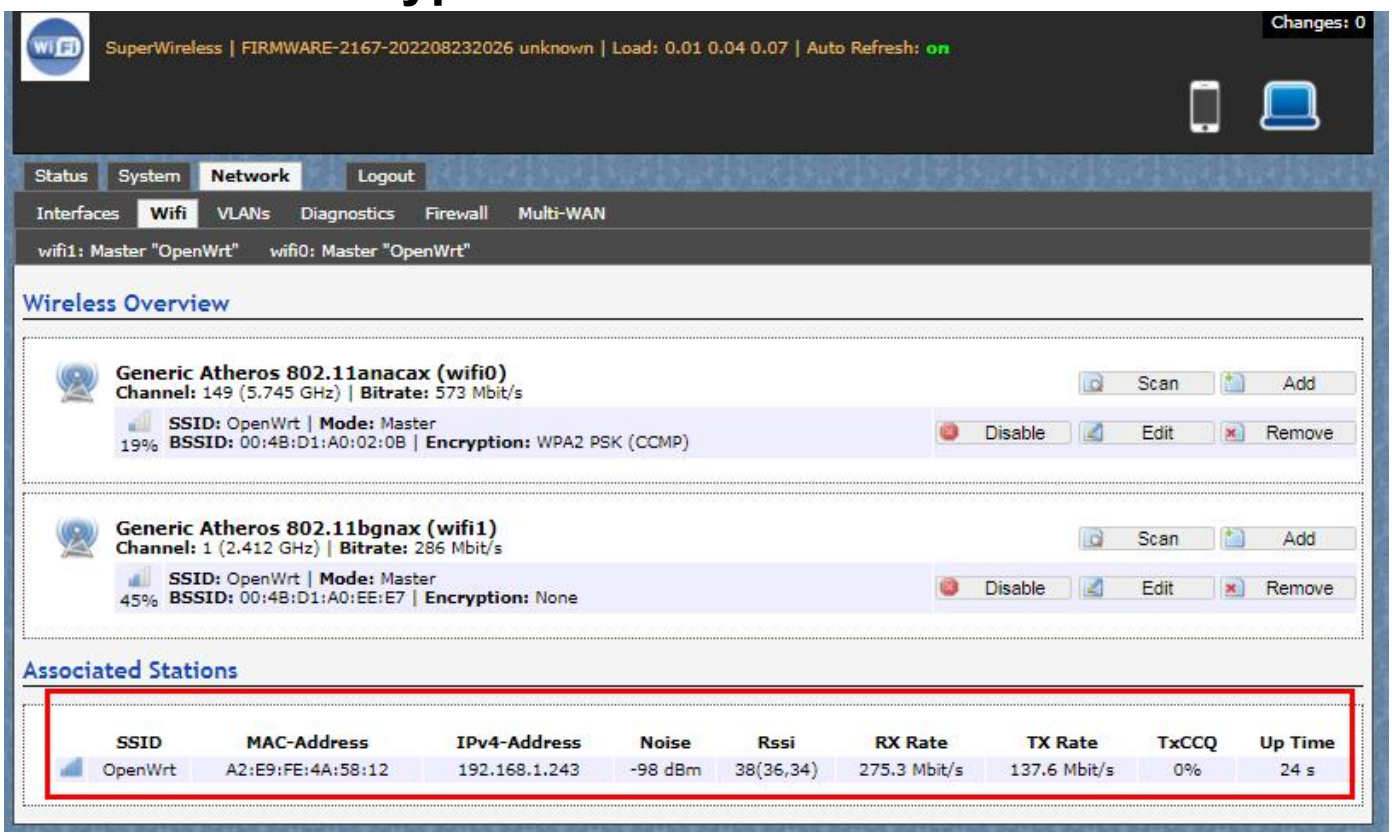
7. wireless encryption

Login System->Network/wifi/Edit->Choose 5G radio
Country Coad choose “ US ” click the button“Wireless Security”
Then choose “WPA3” and set password
Notice:SAE/SAE PWE/SAE MFP click “ √ ”



IPQ5018 UI setting

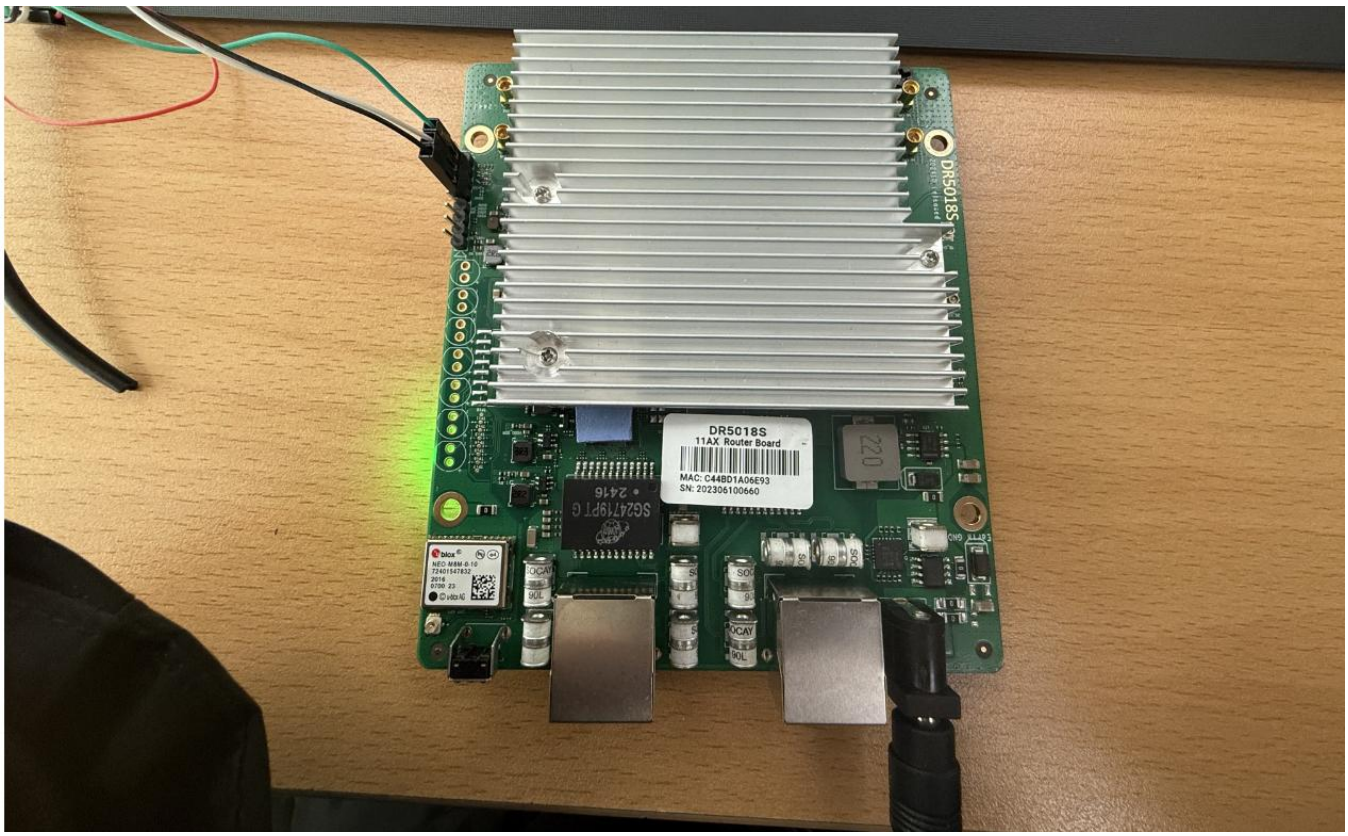
7. wireless encryption



DR5018S UART configuration

1. Introduction

The photo below shows how to use the Uart for DR5018S

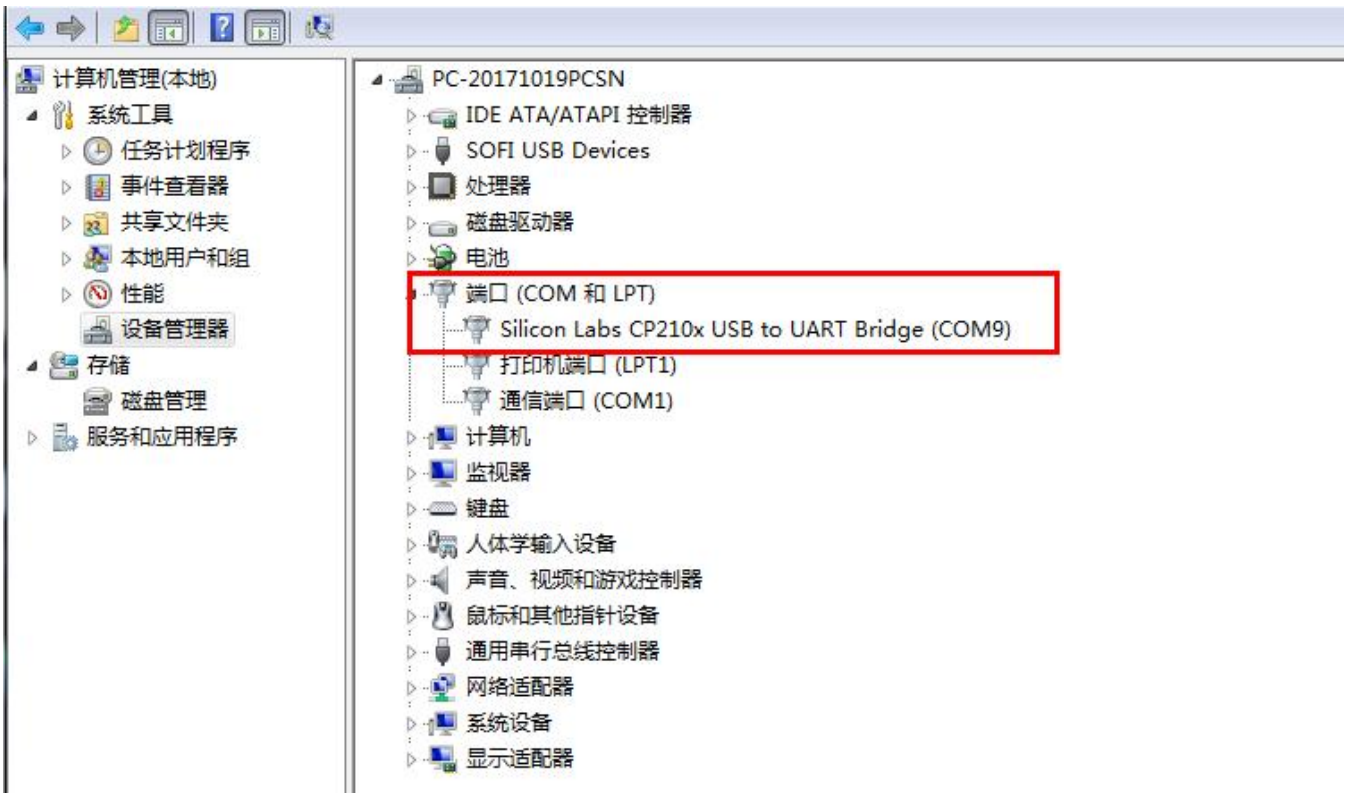


DR5018S UART configuration

2. Device connect

Step 1:Connect the cable to the DR5018S
As the picture as above,the sequence of the signal in the UART
Connector:GND,TX,RX,VCC, And we need use GND connect black cable,TX connect to white cable,RX connect to Green cable VCC don't use.

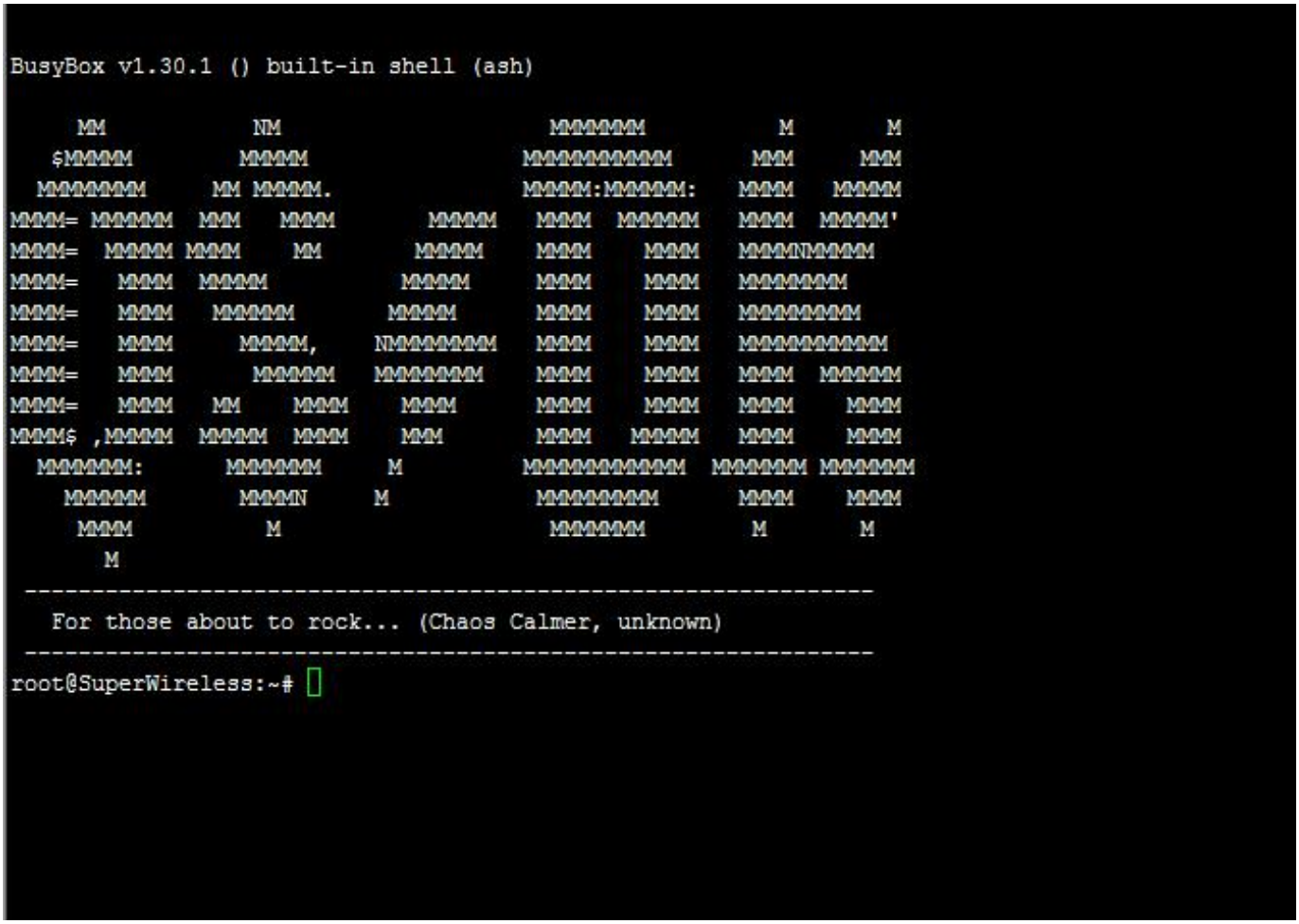
Step 2:Check the Com number on the PC
Connect the console board to the PC with USB connector, Then check the com number on the PC,the com number on the test PC is COM15



DR5018S UART configuration

2. Device connect

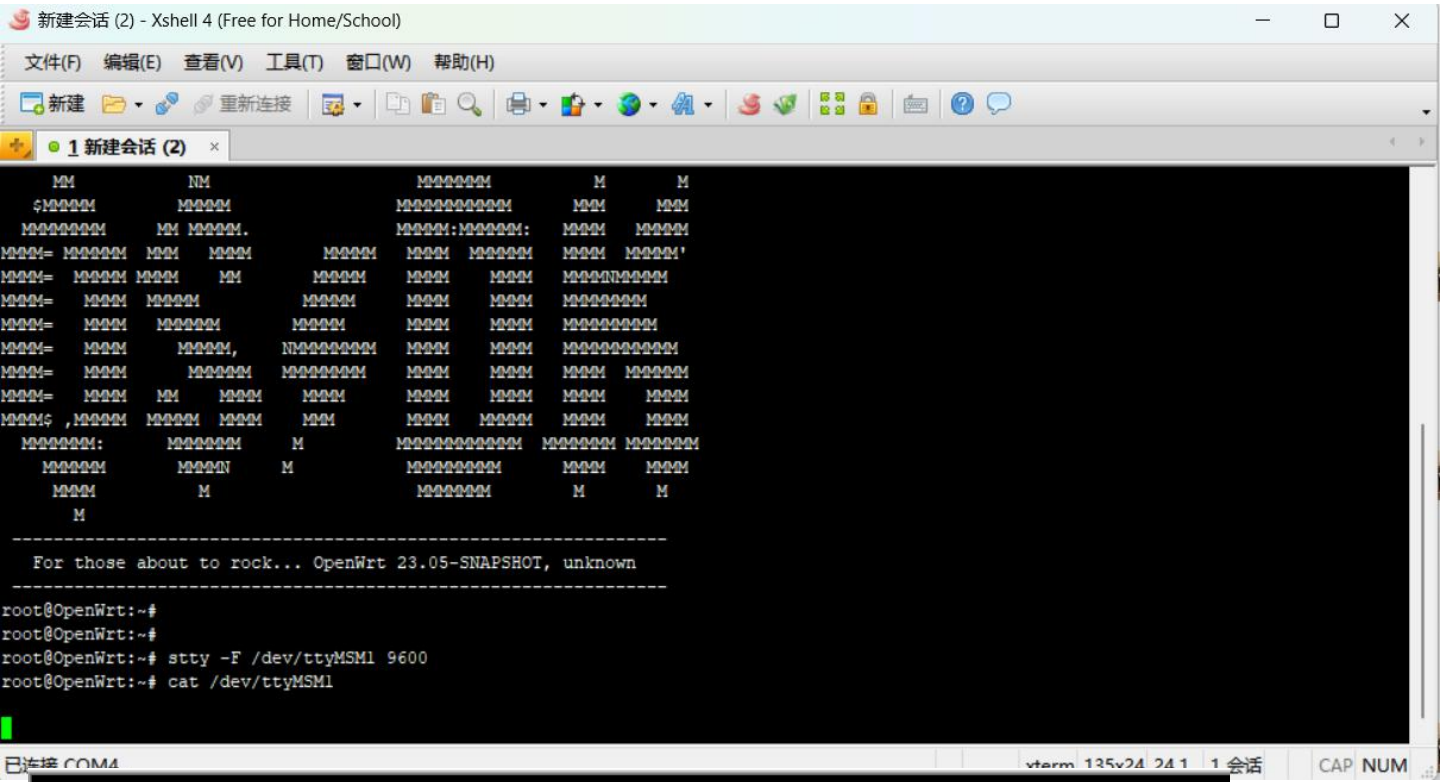
Step 3 Login with the software
You can use putty,Xshell or some others,enjoy it.



DR5018S GPS

Identification command

stty -F /dev/ttyMSM1 9600
cat /dev/ttyMSM1




```
$GNTXT,01,01,01,NMEA unknown msg*46

$GNRMC,,V,,,,,,,,,,N*4D

$GNVTG,,,,,,,,,N*2E

$GNTXT,01,01,01,NMEA unknown msg*46

$GNTXT,01,01,01,NMEA unknown msg*46

$GNTXT,01,01,01,NMEA unknown msg*46

$GNTXT,01,01,01,NMEA unknown msg*46
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