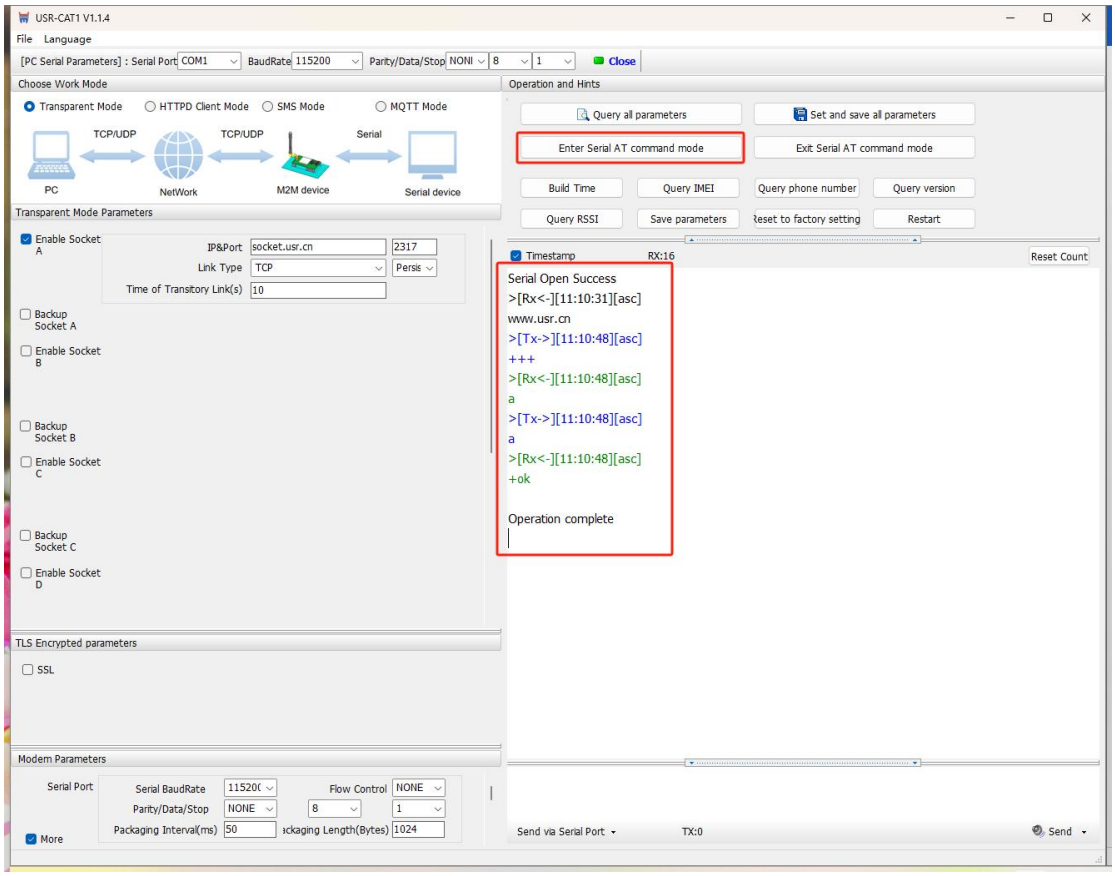
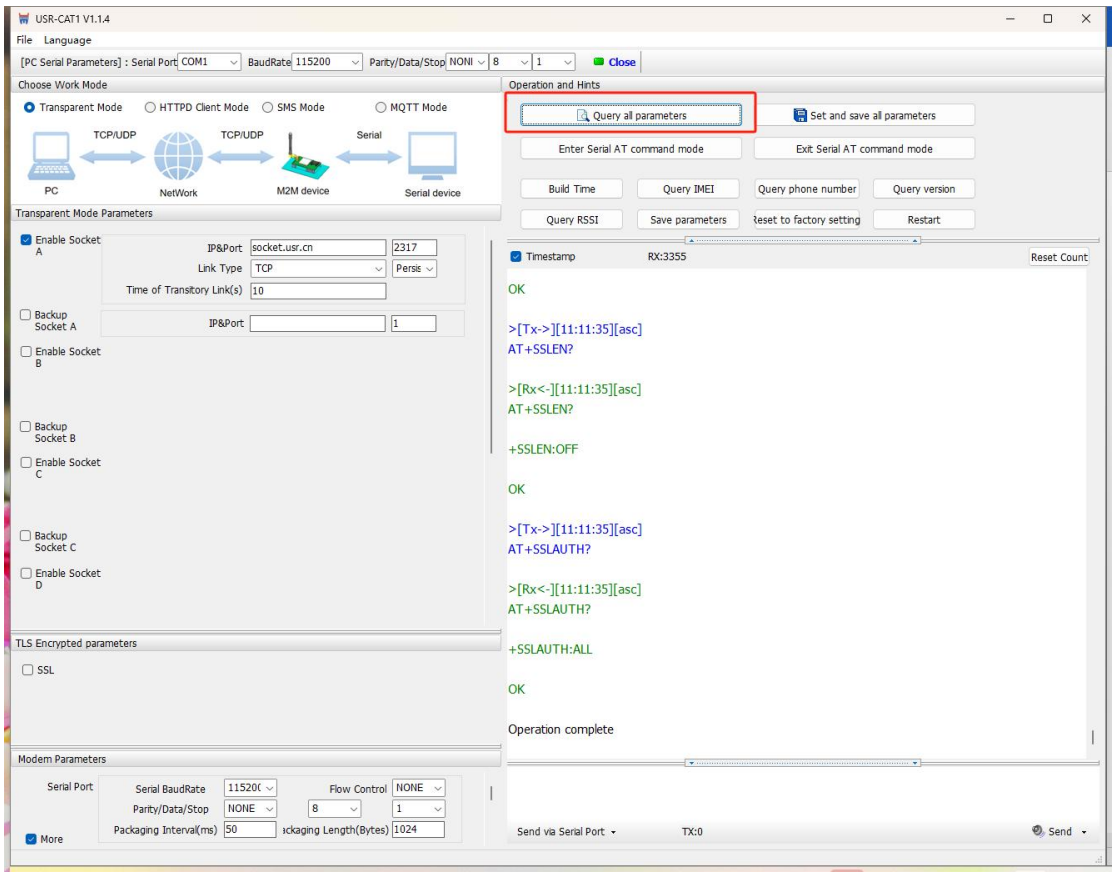
USR-DR154:How to configure MQTT

Step1 : Connect the PC to the DR154 via serial port (COM1 115200 8n1)

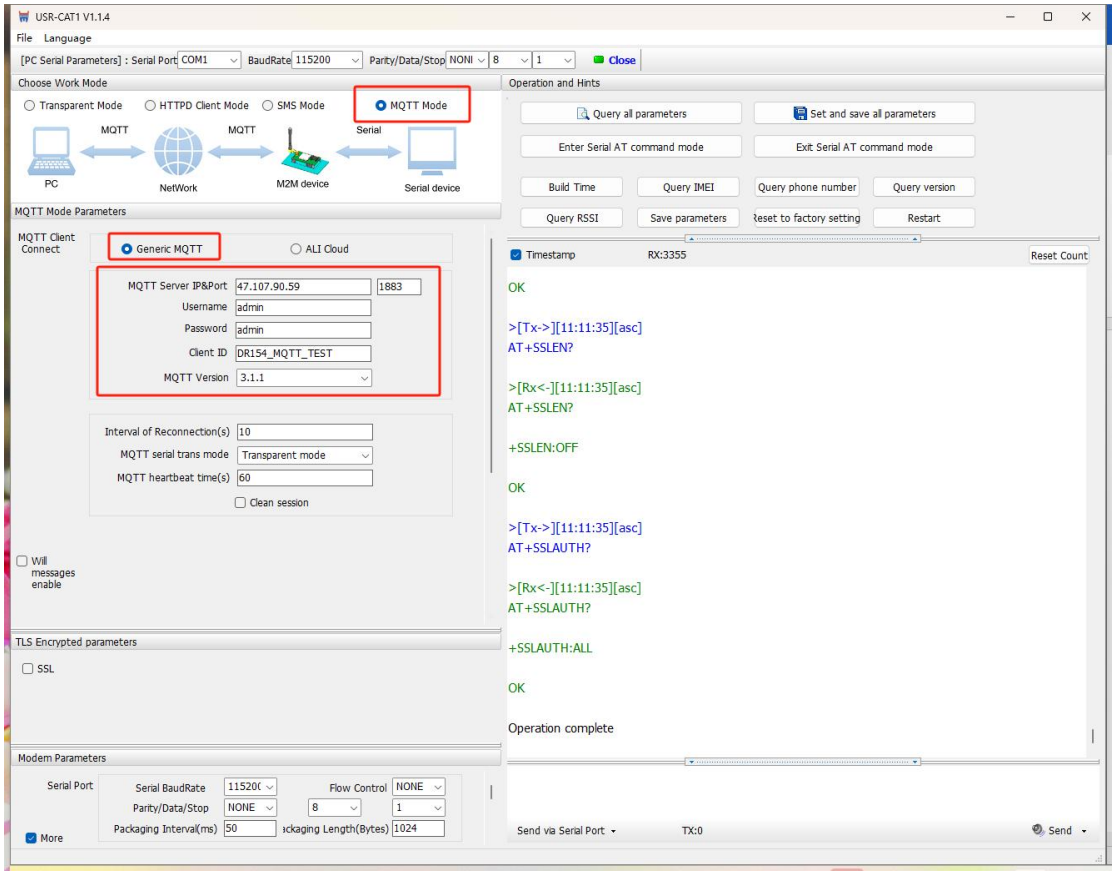
Step 2 :Enter serial AT mode



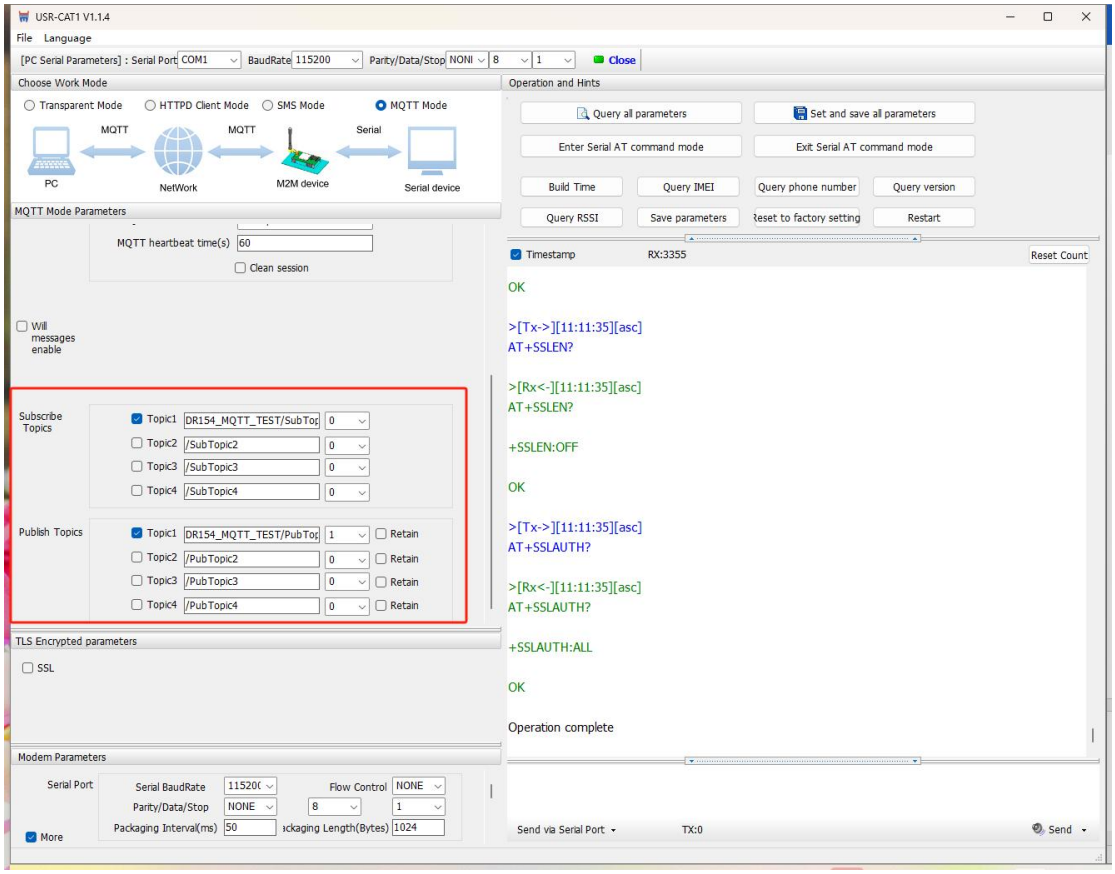
Step 3: Query all the parameters



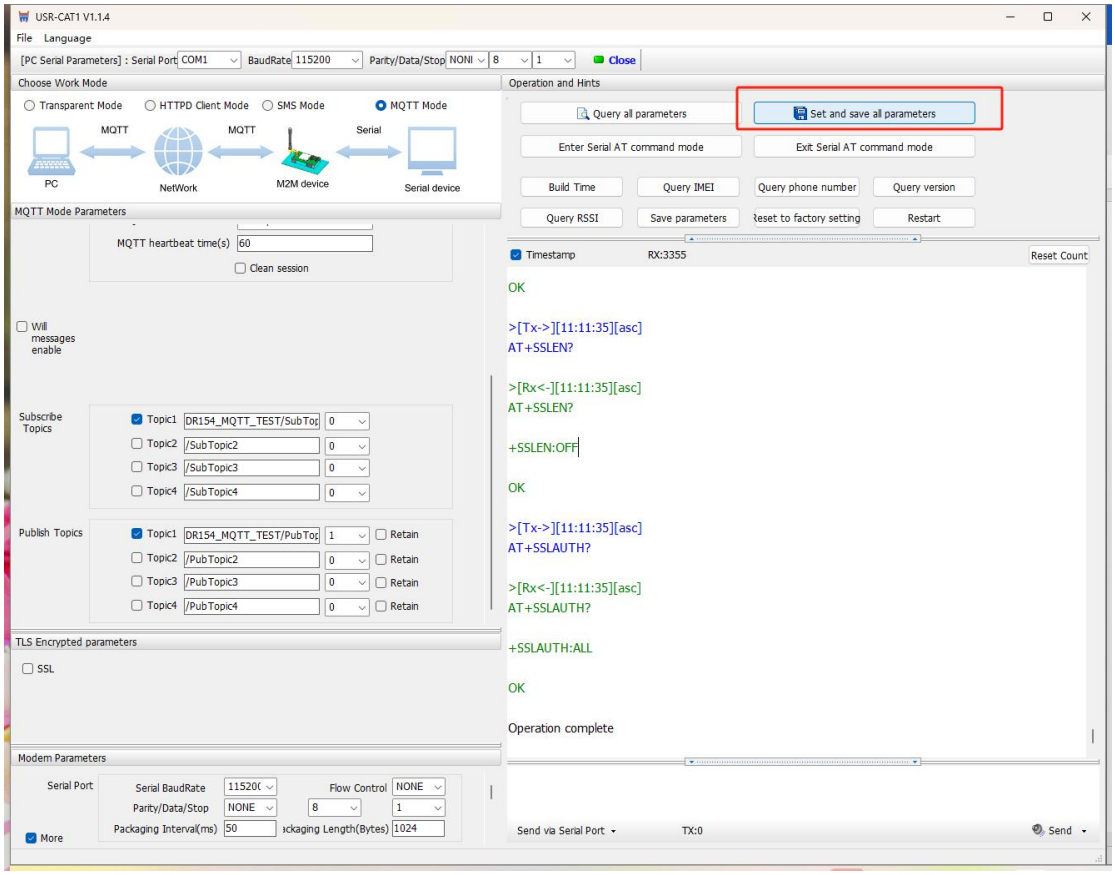
Step 4 : change the working mode to the MQTT and set the parameters up



Step 5 : set the publish/Subscribe topic up

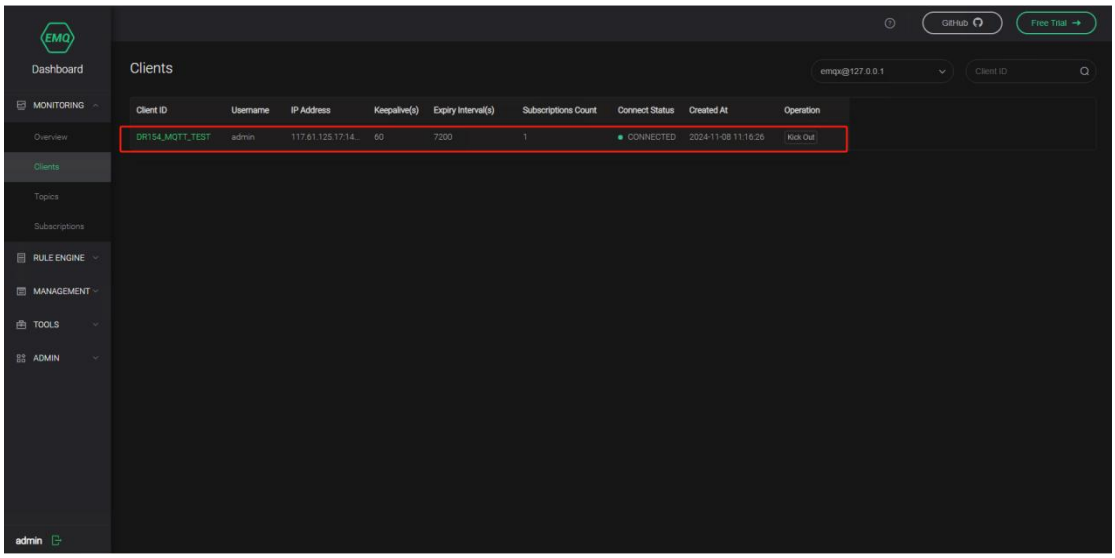


Step 6 : Set and save all the parameters,then it will save the settings and reboot the DR154

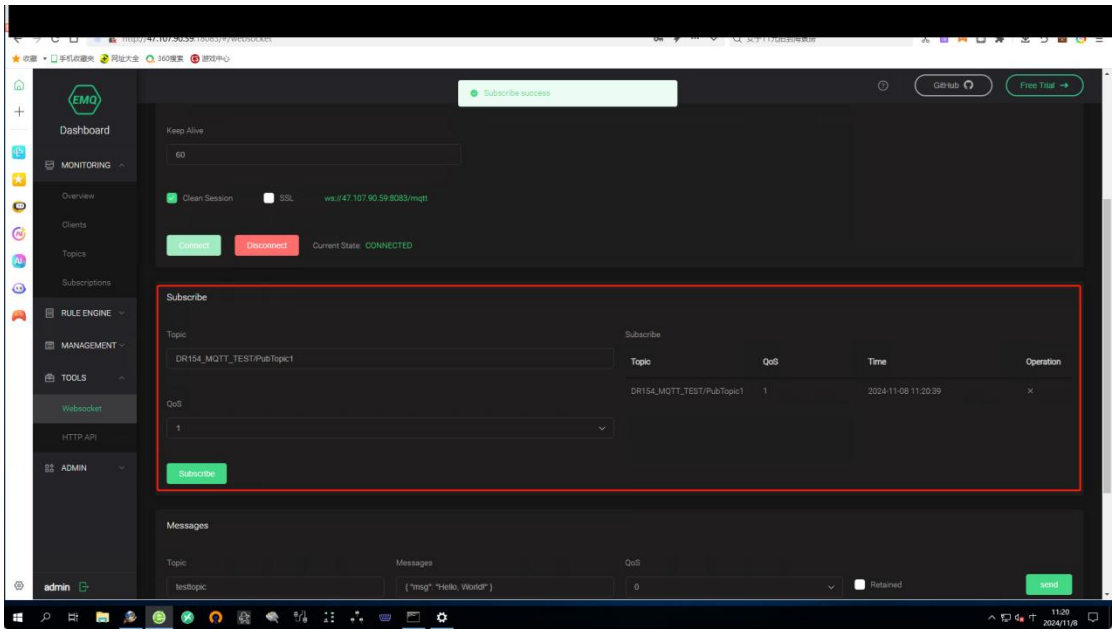


Data test:

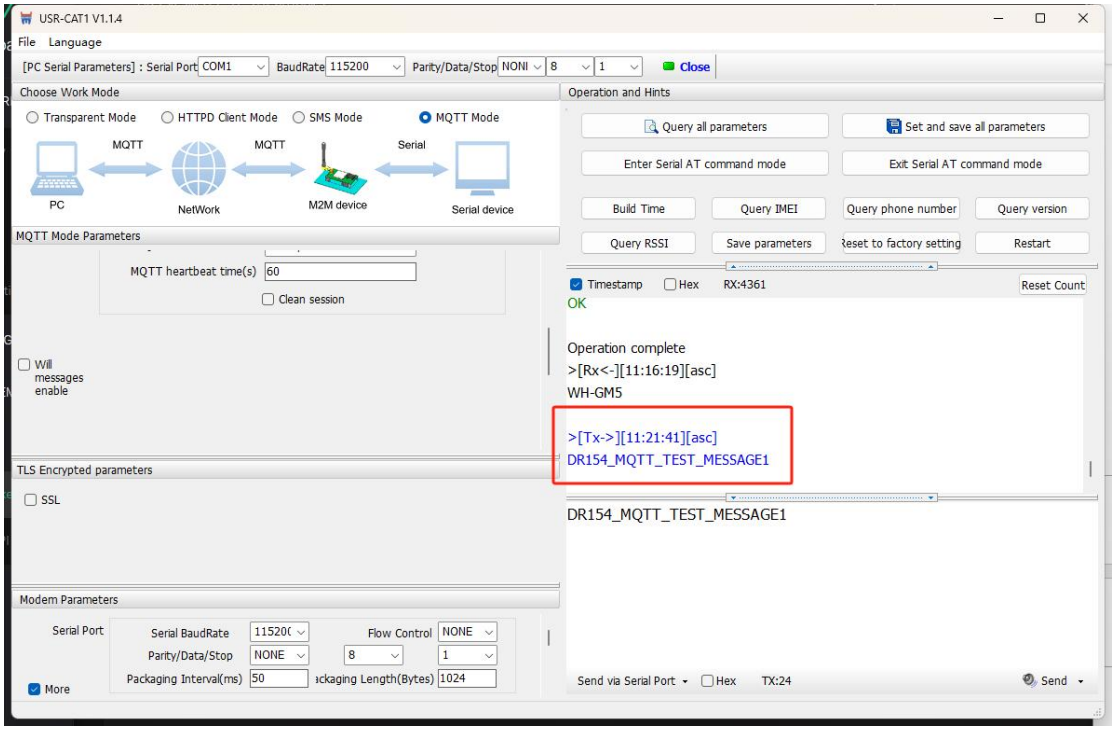
1、 login to the server and enable the MQTT Broker



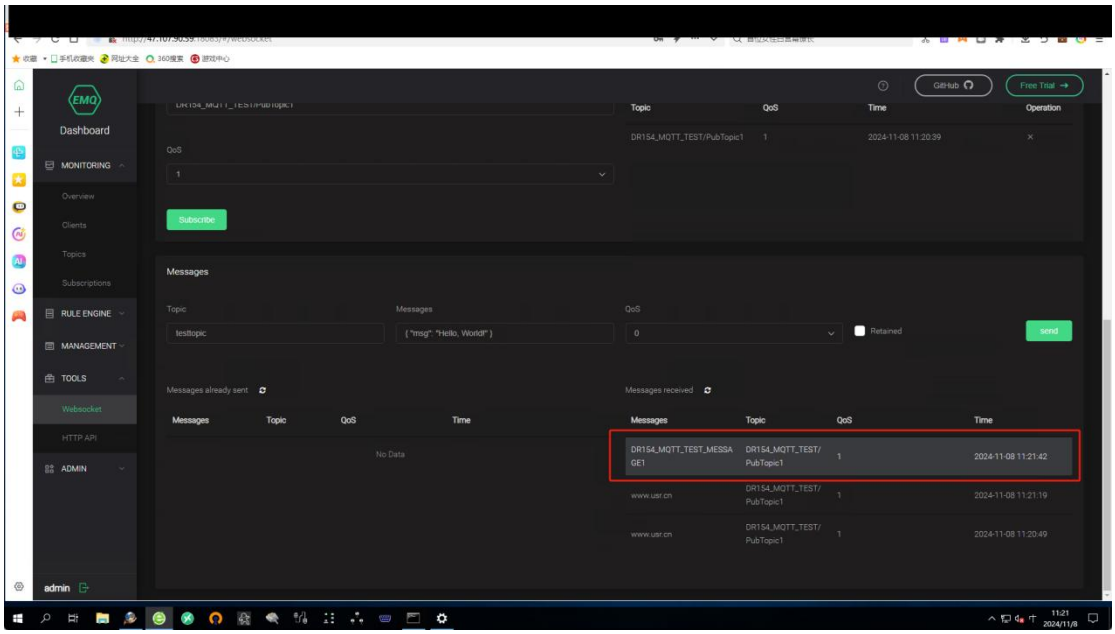
2、 Sub the topic in the MQTT Broker



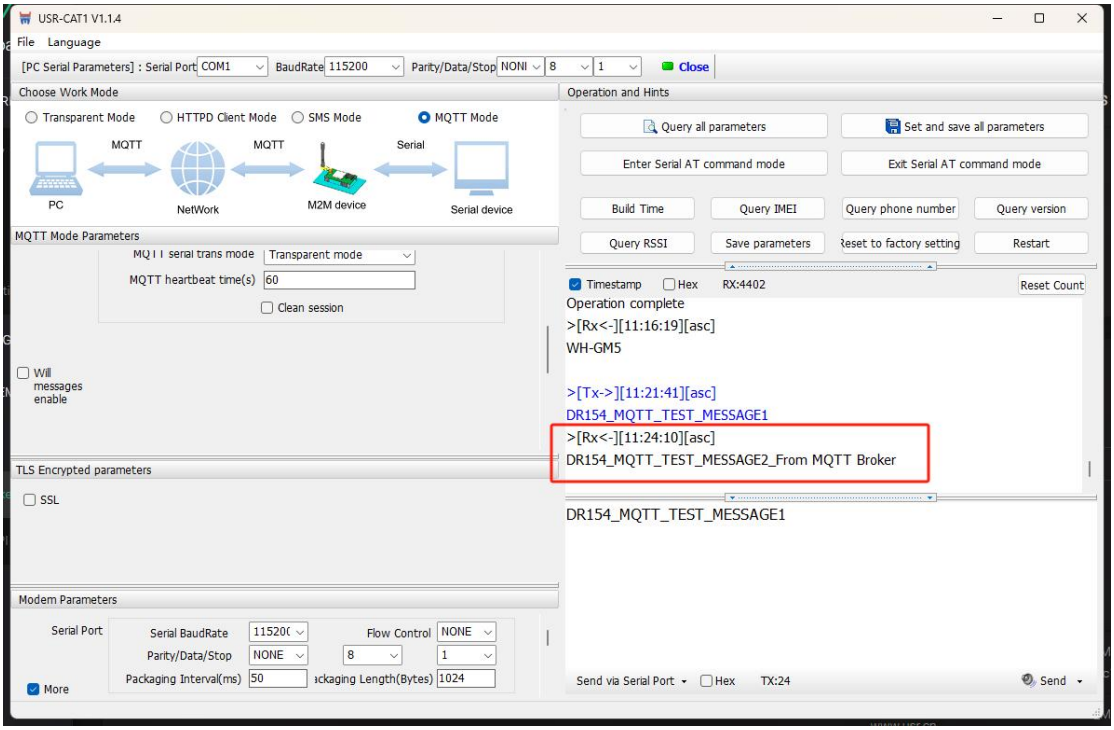
3、 Post the test datas in the software for DR154 check if the MQTT Broker get the message



4、 The MQTT Broker received the test message from DR154



5、 Post the test datas in the MQTT Broker and check if the DR154 get the message


USR-CAT1 V1.1.4
File Language
[PC Serial Parameters] : Serial Port COM1 BaudRate 115200 Parity/Data/Stop NONE 8 1 Close
Choose Work Mode
Transparent Mode HTTPD Client Mode SMS Mode MQTT Mode
MQTT MQTT Serial
PC NetWork M2M device Serial device
MQTT Mode Parameters
MQTT serial trans mode Transparent mode
MQTT heartbeat time(s) 60
Clean session
Will messages enable
TLS Encrypted parameters
SSL
Modem Parameters
Serial Port
Serial BaudRate 115200 Flow Control NONE
Parity/Data/Stop NONE 8 1
Packaging Interval(ms) 50 ckaging Length(Bytes) 1024
More
Operation and Hints
Query all parameters
Set and save all parameters
Enter Serial AT command mode
Exit Serial AT command mode
Build Time
Query IMEI
Query phone number
Query version
Query RSSI
Save parameters
Reset to factory setting
Restart
Timestamp Hex RX:4402 Reset Count
Operation complete
>[Rx<-][11:16:19][asc]
WH-GM5
>[Tx->][11:21:41][asc]
DR154_MQTT_TEST_MESSAGE1
>[Rx<-][11:24:10][asc]
DR154_MQTT_TEST_MESSAGE2_From MQTT Broker
DR154_MQTT_TEST_MESSAGE1
Send via Serial Port Hex TX:24 Send