Ai-WB2 series module AT firmware use tutorial, connect to the router, as a TCP client, establish a single connection, and realize the UART transmission

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1. Preparation of hardware and software

Hardware and software that need to be prepared: Ai-WB2 series module or development board, Type-C data cable, Ai-Thinker transmission cloud server，the link is: http://tt.ai-thinker.com/ttcloud

2. Connect router

1. First ensure the module or the development board power on and to print ready information, as shown below:
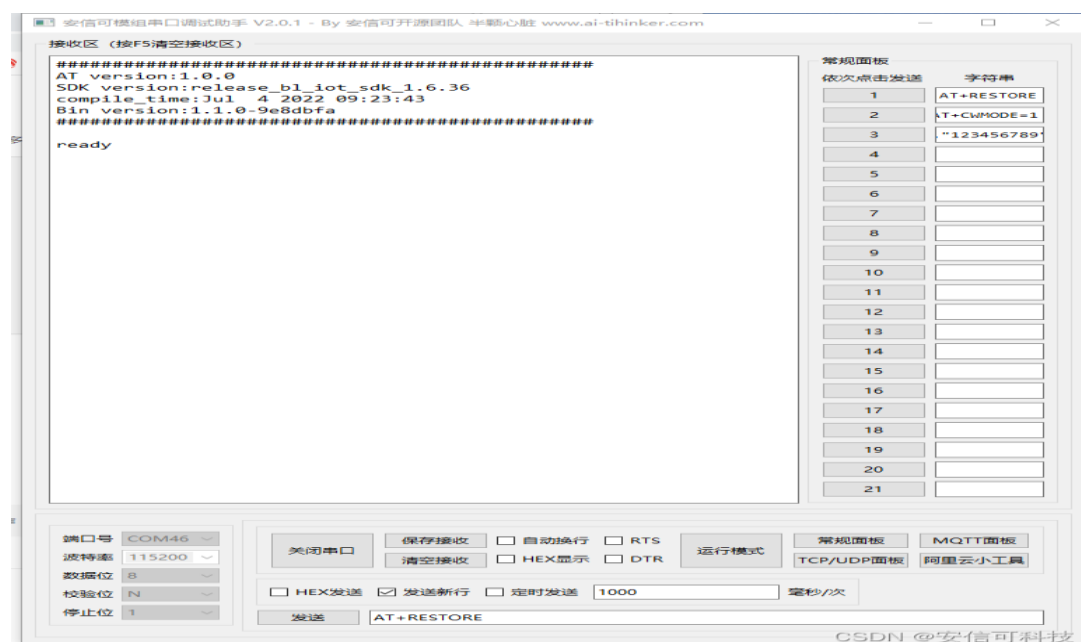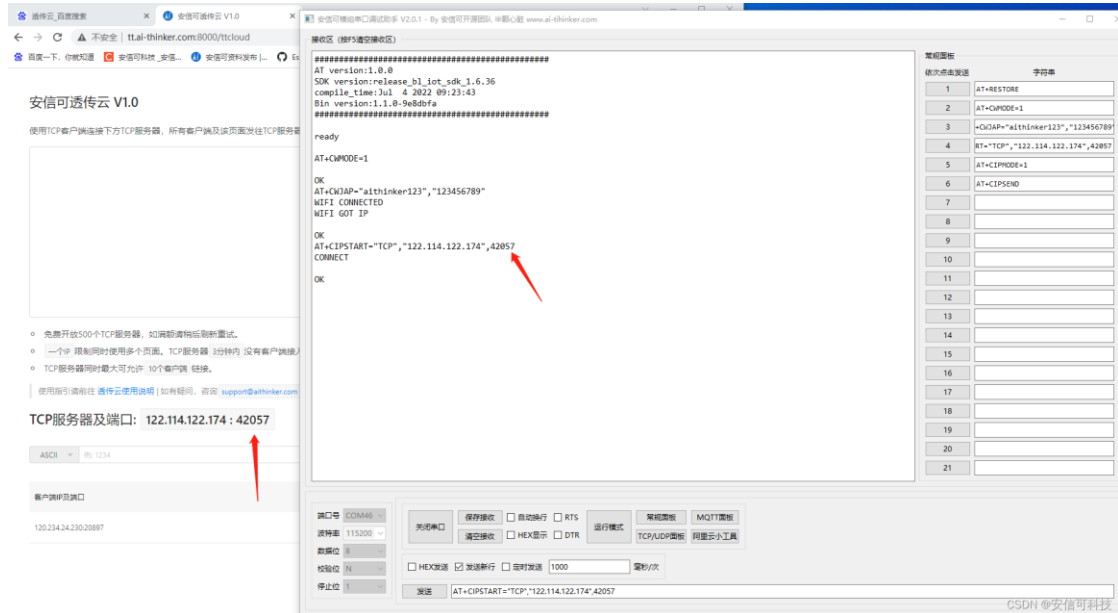
2. Send AT+CWMODE=1;AT+CWJAP="WIFIn name","WIFI password"，like the
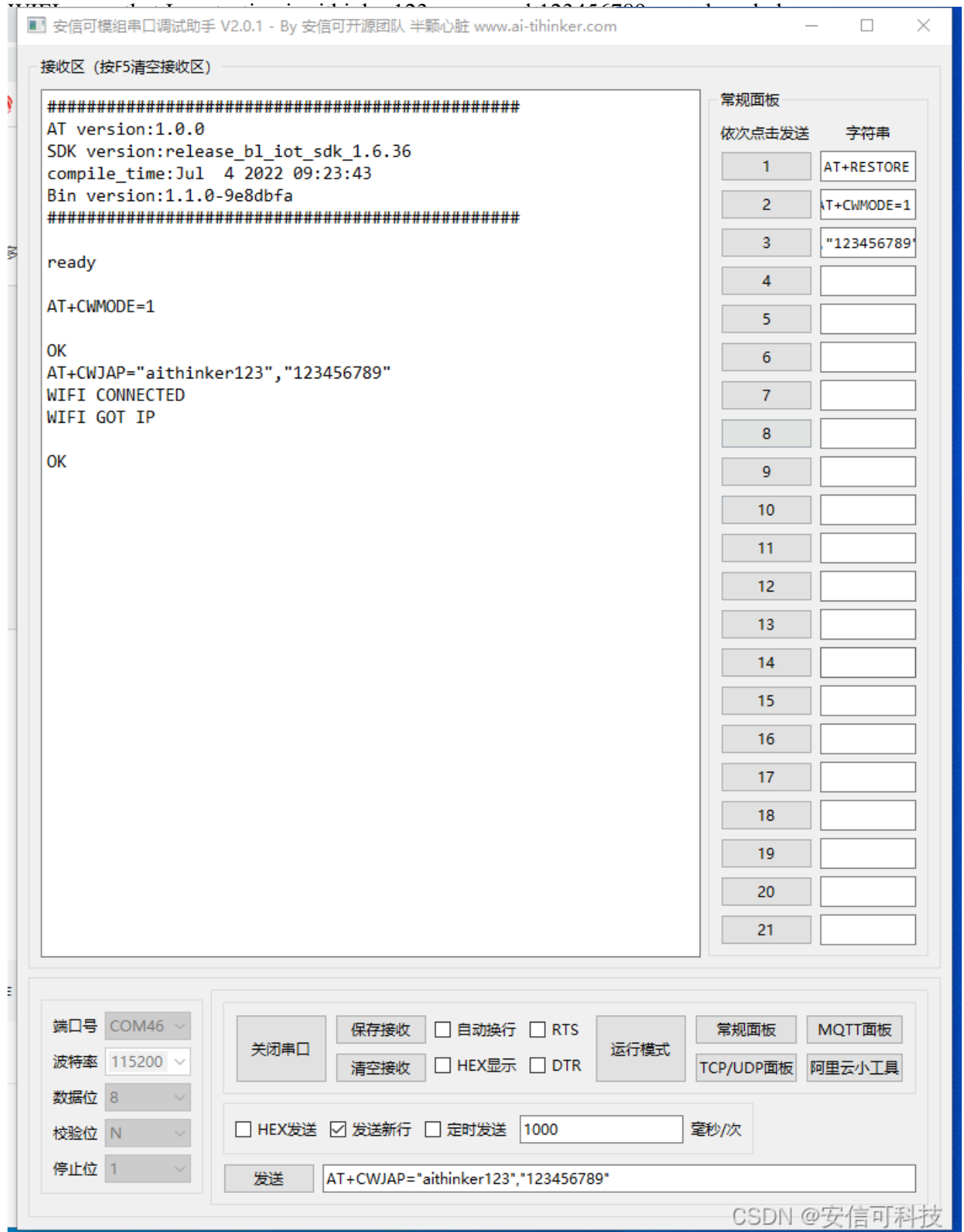
3. As a TCP client, establish a single connection

Send AT+CIPSTART="TCP","122.114.122.174",port here to use is 42057, for actual use should correspond according to the parameters on the transmission cloud website, as shown below,

4. Start the UART transmission

Send AT+CIPMODE=1 to set the transmission instructions, and send AT + CIPSEND to allow the module to enter the transmission mode, which can realize the UART WIFI transmission, as shown below,