

# KT6368A transparent transmission test

## 1. Hardware connection

KT6368A connect to the USB serial tool (such as CH340), and plug to the PC.

KT6368A module	USB TO TTL (3.3v Level)
VCC	3.3V
GND	GND
TXD	RXD
RXD	TXD

## 2. Open the PC Serial tool, such as AiThinker Serial Tool

### V1.2.3.exe

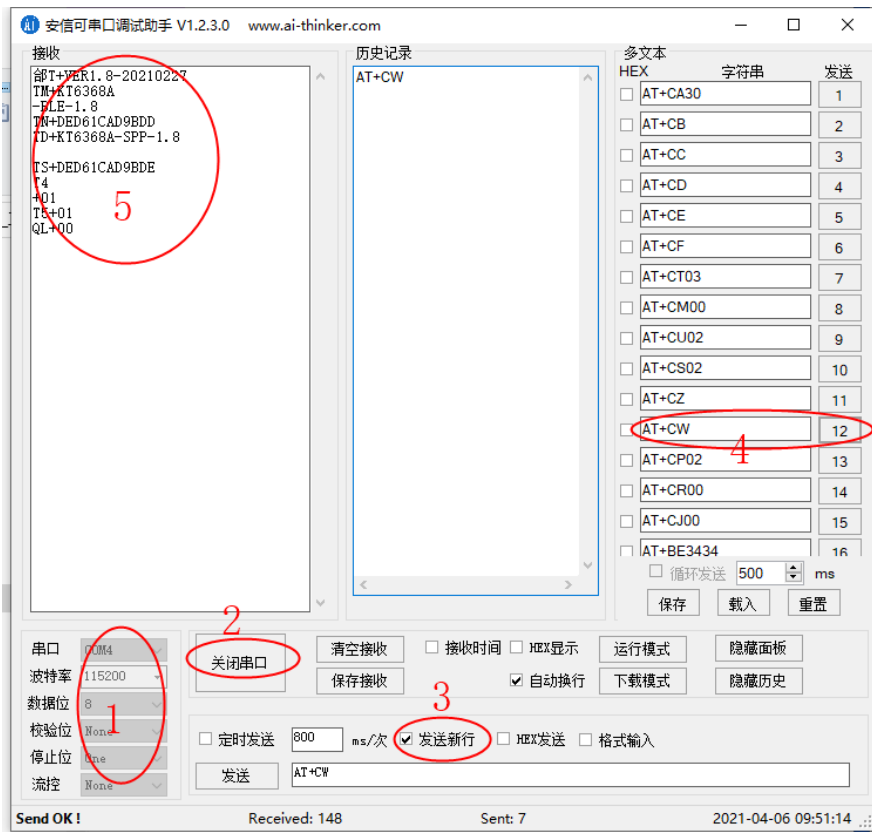
2.1. Set the baud rate: 115200 8 1

2.2. Open the serial port

2.3. Check to send a new line

2.4. Send an AT+CW command

2.5. Check the information returned by the module. If there is any returned information, it indicates that the module communicates with the computer normally.



### 3. Install the Bluetooth serial assistant on the mobile phone

Android phones can be installed: Bluetooth serial assistant.apk to test the SPP

Android phones can be installed: LightBlue\_1.1.2.apk to test the BLE

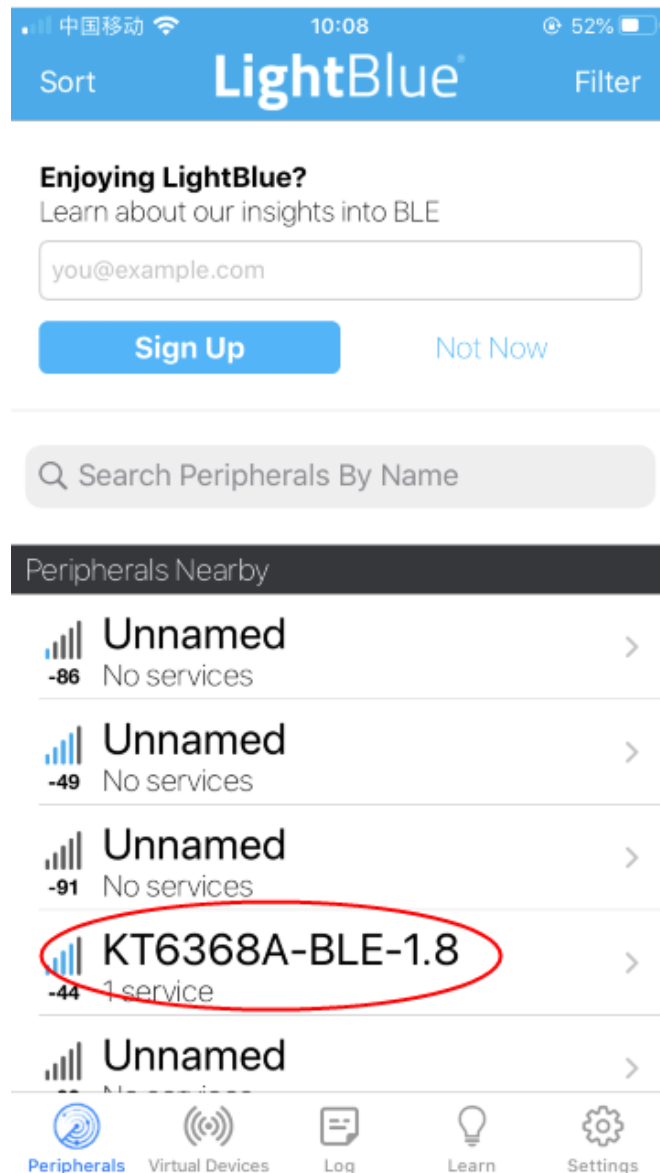
For iPhone, download lightBlue in the appstore.

### 4. Transparent transmission test

Once the mobile phone contacts KT6368A, what the mobile phone sends will be displayed by the computer serial port software.

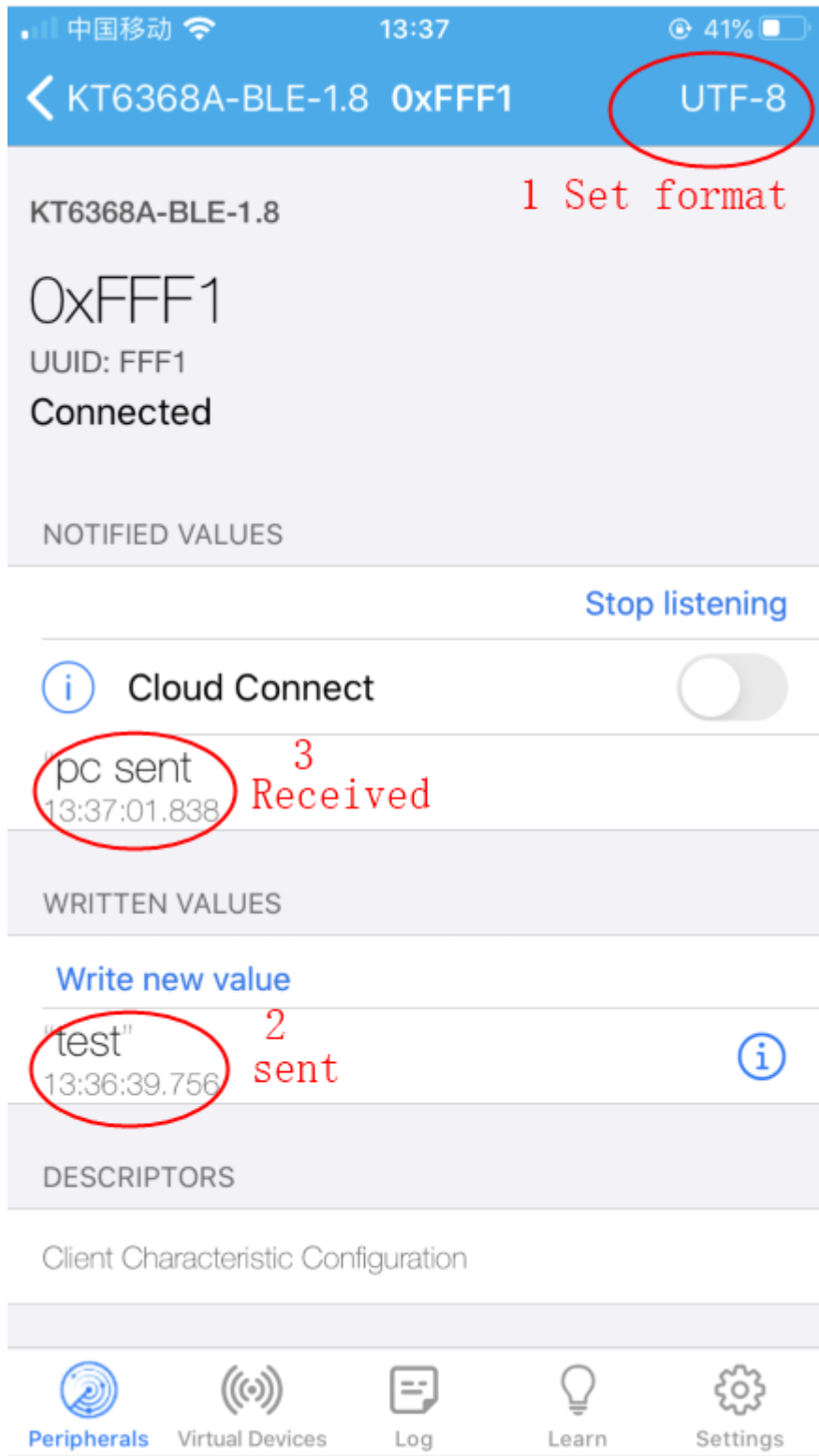
Apple mobile phone test example:

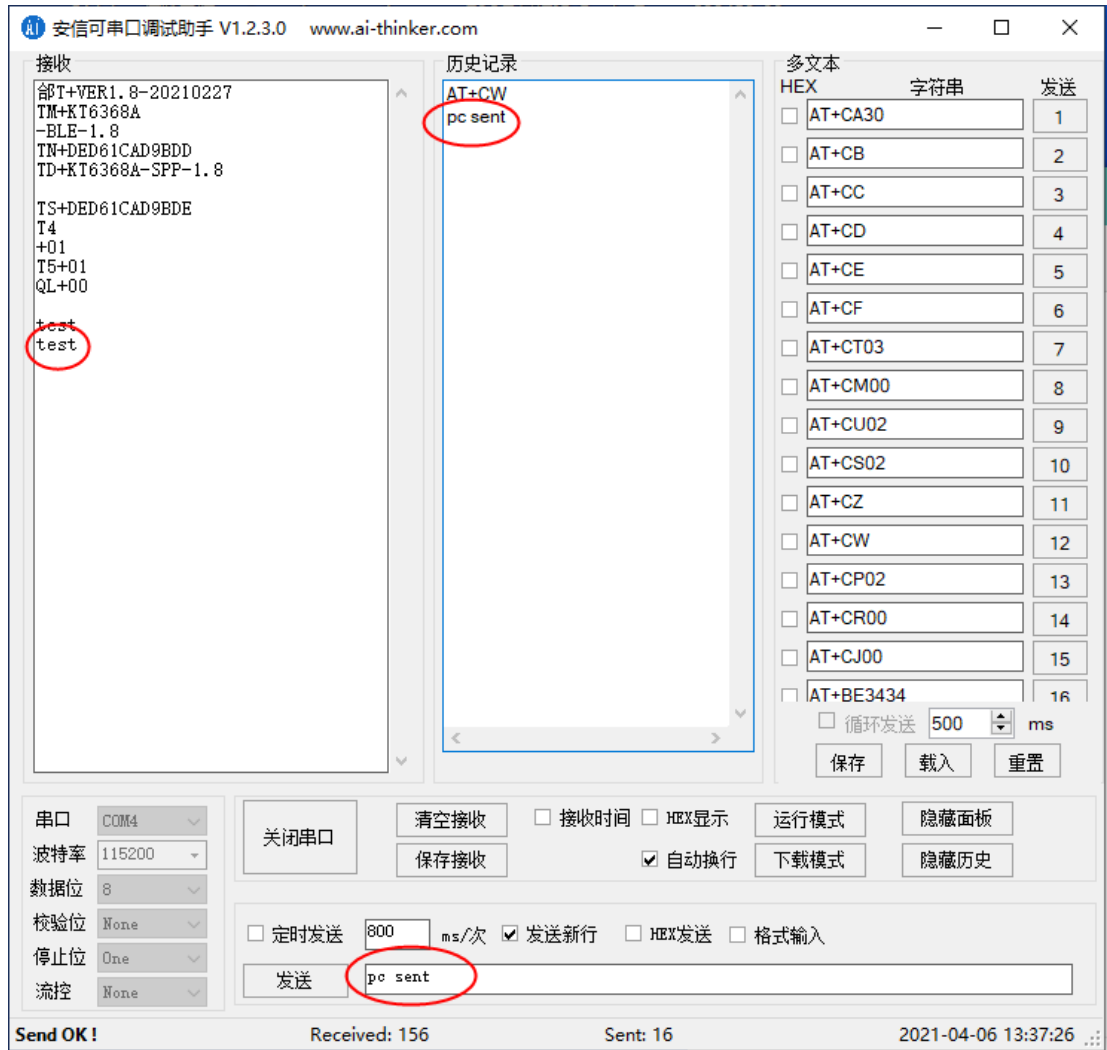
4.1 Turn on the Bluetooth function of the mobile phone, open the LightBlue software, click KT6368A-BLE-1.X, and connect the Bluetooth module. After connecting, the STA indicator on the module side is on.



#### 4.2 Send and receive data test

Set the mobile phone data display format UTF-8, send the data 'test', the computer serial software will receives the 'test', the computer sends the 'pc sent', and the mobile phone will receives data 'pc sent'.





Test complete.