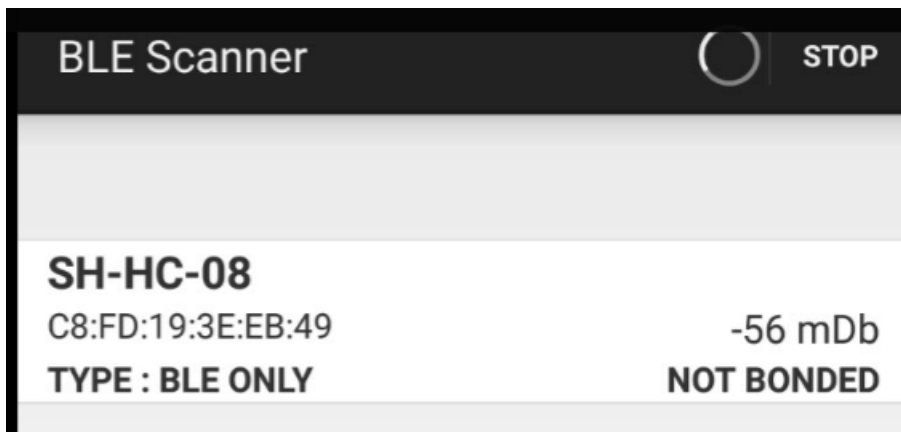# SH-HC-08　Test Manual　for Android
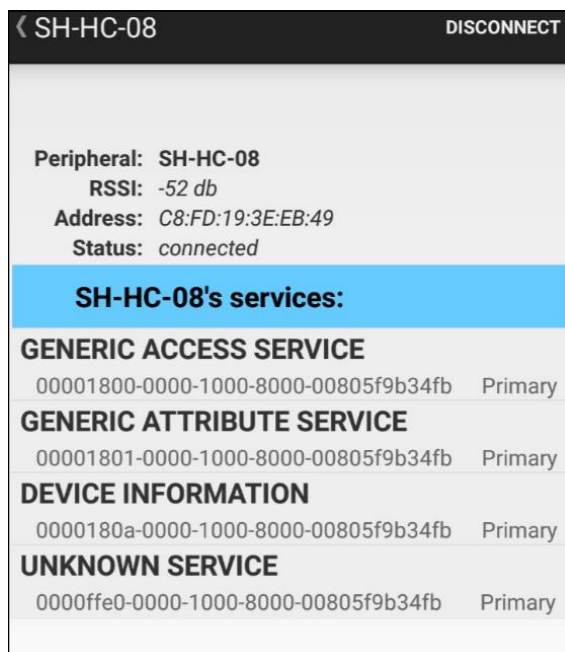
Please note: this guide only for Android 4.3 or later

1. Down "BLE Scanner" app (please google)

2. Open the app

    Please make sure your phone turn on Bluetooth ,and BLE Scanner   will scan ble slave device.

3. click " SH-HC-08" you will enter next screen as followed:

you will find service uuid:

UNKNOWN SERVICE

0000ffe0-0000-1000-8000-00805f9b34fb   Primary

4, Please click the   service uuid " 0000ffe0-0000-1000-8000-00805f9b34fb" ,you will enter the follow screen

‹ SH-HC-08   DISCONNECT

Peripheral: SH-HC-08
      RSSI: -52 db
   Address: C8:FD:19:3E:EB:49
    Status: connected

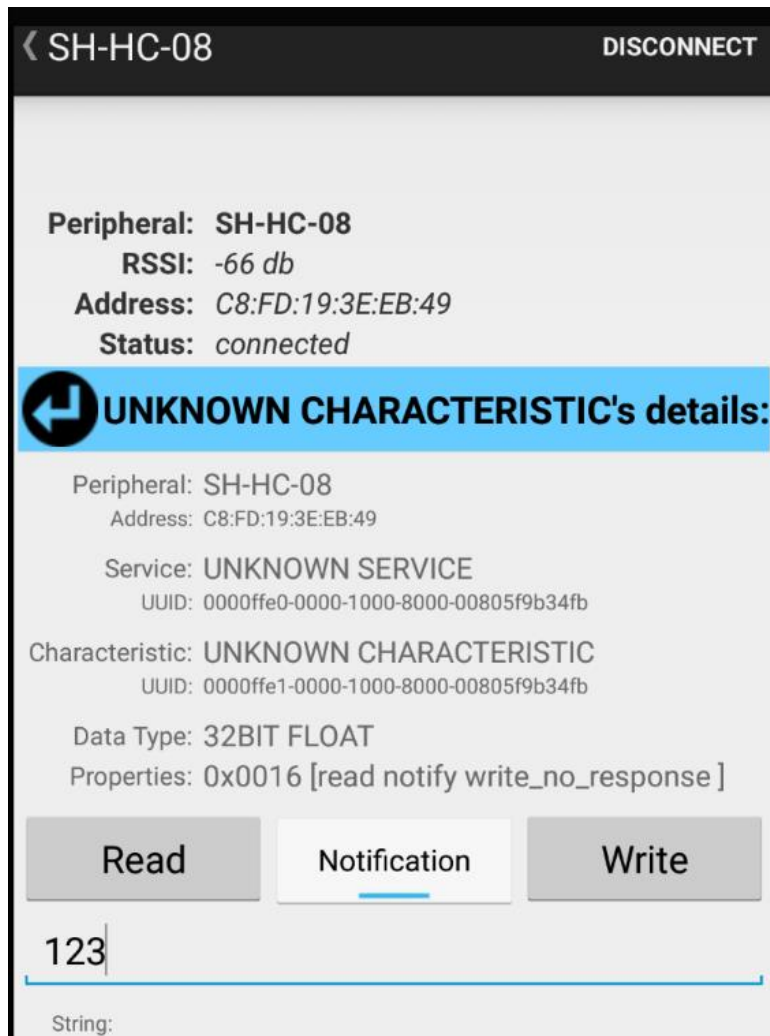UNKNOWN SERVICE's characteristics:

UNKNOWN CHARACTERISTIC
0000ffe1-0000-1000-8000-00805f9b34fb

Read,write,notify char UUID

UNKNOWN CHARACTERISTIC
0000ffe1-0000-1000-8000-00805f9b34fb

5, click " 0000ffe1-0000-1000-8000-00805f9b34fb",enter the follow screen:

click "Write" you can write data to your arduino board via Bluetooth technology.

As shown above: Data:123(Hex: 313233) would be sent to your arduino board.

When you want to received data from arduino uno r3 or nano.
Please Click " Nofification" , The received data will also be displayed.

Please note : default band rate is 9600.

about arduino code,please refer the following code:

```
void setup()
{
  Serial.begin(9600); //baud rate setting (9600)
}
void loop()
```

```
{
 if(Serial.available()>0)// if get data   from your phone
  {
     char c=Serial.read();//read char
  }
}
.
```

if you want send data to your phone,

you can using this code:

```
Serial.println("your data")
```

Can you assume that your arduino and your phone are connected via serial data lines? Bluetooth module is the serial data cable

Any question ,please contact me.   info@sihaicorp.com