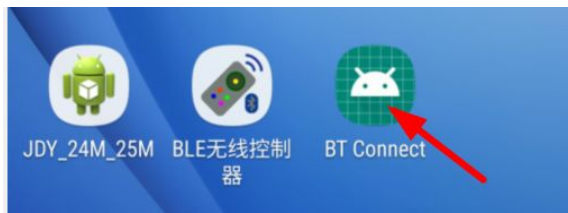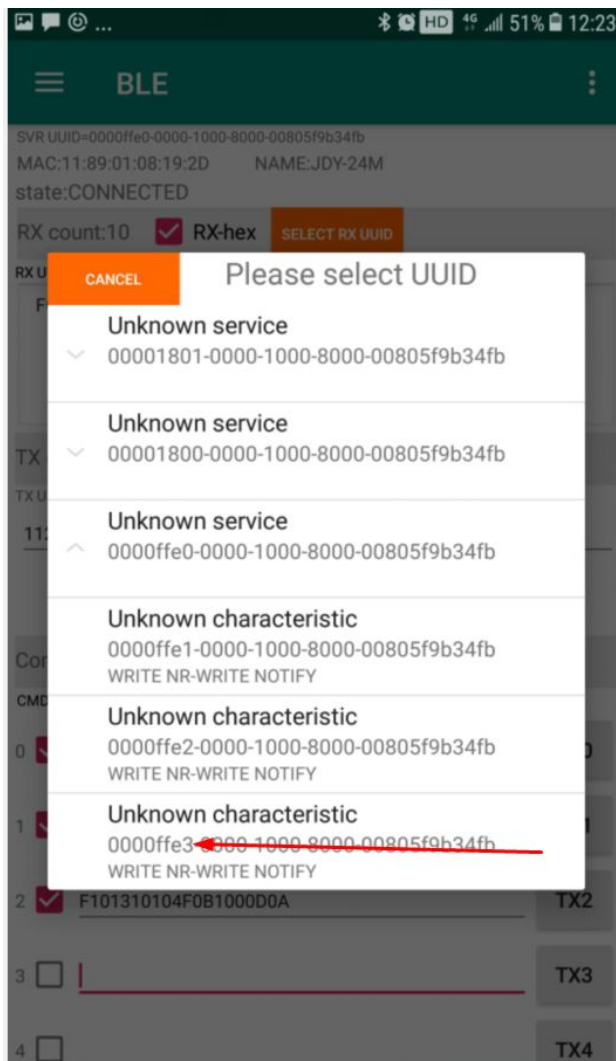Install BT connect test APP

Ⅰ. Test instructions for JDY-25M MESH network APP

1.1、Connect BT Connect test APP to JDY-25M
SELECT RX UUID, SELECT TX UUID, SELECT CMD UUID button, and select the following picture ffe3 characteristic

1.2、Input the following instructions in the CMD. If the check button is ticked, it means Hex is sent. If it is not ticked, it means character string is sent.

Command data	SELECT CMD UUID

CMD UUID=0000ffe3-0000-1000-8000-00805f9b34fb

0 ✓	F10100FFFF31323334353637383930	TX0
1 ✓	F101010104313233	TX1
2 ✓	F101310104F0B1000D0A	TX2

1.3、Tick the RX-hex option

state:CONNECTED

RX count:10 ✓ RX-hex SELECT RX UUID

RX UUID=0000ffe3-0000-1000-8000-00805f9b34fb

1.4、APP sends broadcast data to all devices in the network: 0x31323334353637383930

| 0 ✓ | F10100FFFF31323334353637383930 | TX0 |

1.5、APP only sends unicast response data to 0104 device in the network: 0x313233

| 1 ✓ | F101010104313233 | TX1 |

+ACK=OK

APP received response from 0104 device

1.6、APP reads the level of output pin of 0104 device
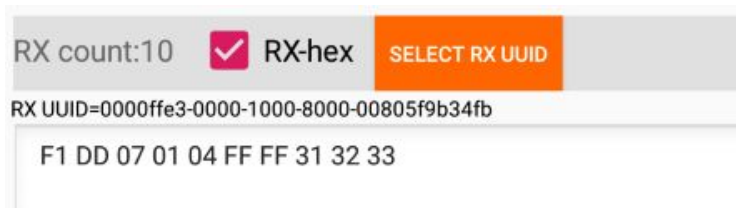
| 2 ✓ | F101310104F0B100 | TX2 |

Return the level of 0104 device

F0 00 07 01 04 00 00 00 00 00

Indicates that the output IO pins of 0104 are all low level

1.7、APP receives broadcast data from JDY-25M

RX count:10 ✅ RX-hex SELECT RX UUID

RX UUID=0000ffe3-0000-1000-8000-00805f9b34fb

F1 DD 07 01 04 FF FF 31 32 33

Indicates that app receives broadcast data from 0104 device: 0x313233

1.8、APP receives unicast data from JDY-25M

state:CONNECTED

RX count:10 ✅ RX-hex SELECT RX UUID

RX UUID=0000ffe3-0000-1000-8000-00805f9b34fb

F1 DD 07 01 04 19 2D 31 32 33

Indicates that APP receives unicast data from 0104 device: 0X313233

1.9、OUTPUT5 of 192E device in APP control network is high level instruction

3 ✅ F10110192EAAB1E70501   TX3

1.10、OUTPUT5 of 192E device in the APP control network is low level with response return, the serial port prints the received instructions,

sends 4 ✅ F10111192EAAB2E70500   TX4

APP returns response +ACK=OK

Module serial port receives: F2 E1 09 19 29 19 2E AA B2 E7 05 00

1.11、APP simultaneously controls OUTPUT1 and OUTPUT1 of 192E device in the network as high level instructions,

sends 5 ✅ F10110192EABB1E7FF03   TX5

1.12、APP simultaneously controls OUTPUT1 and OUTPUT1 of 192E device in the network as low level instructions,
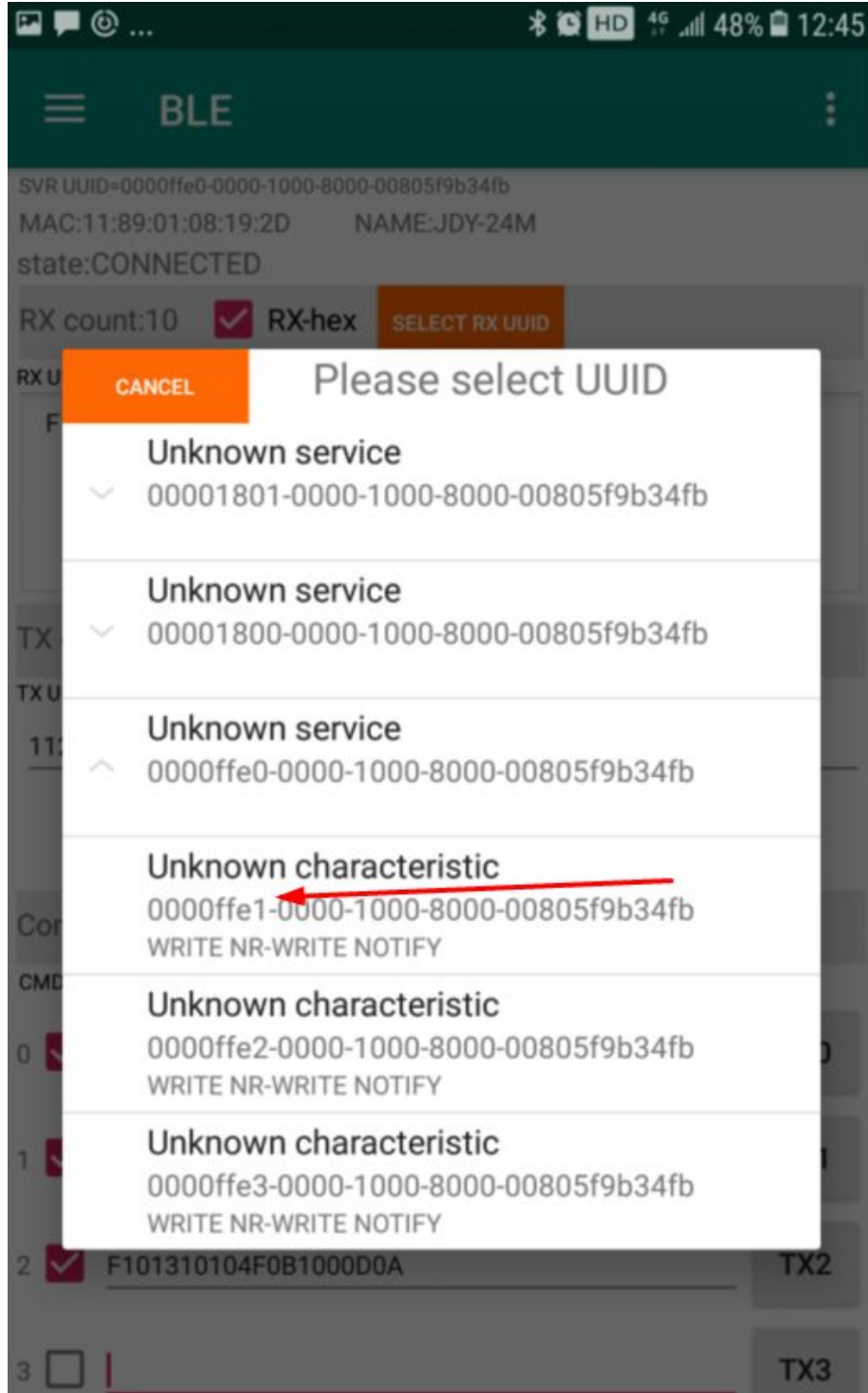
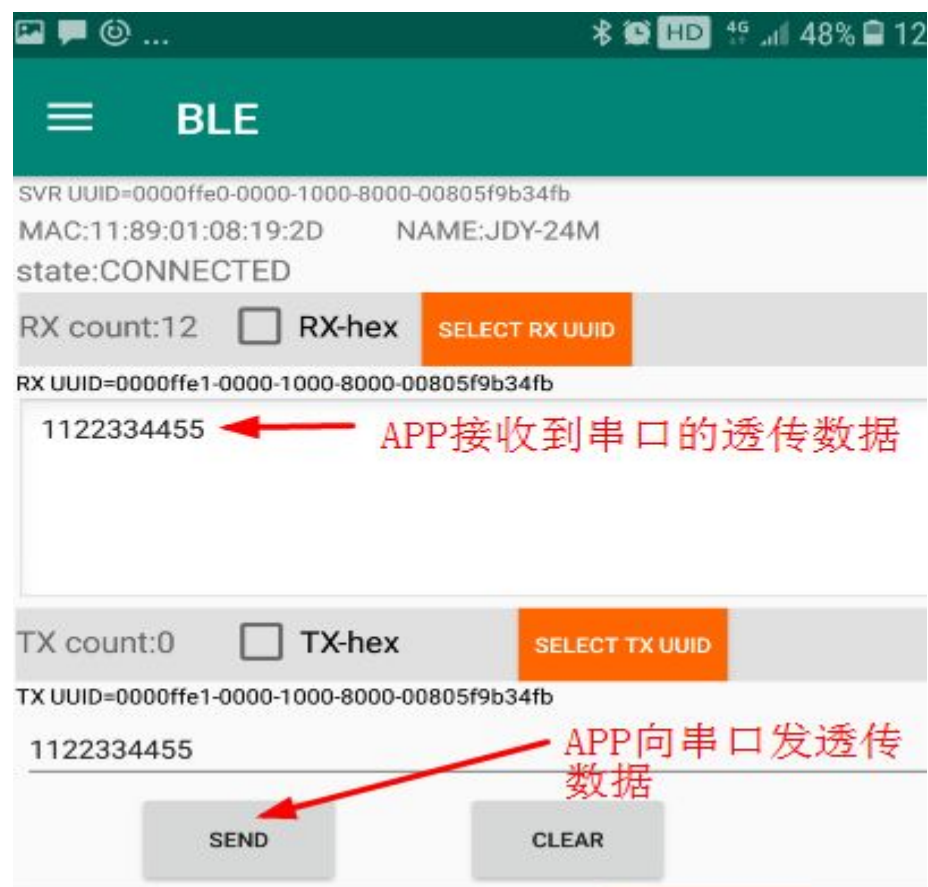sends 6 ✅ F10110192EABB1E7FF00   TX6

JDY-25M network test complete APP interface

Ⅱ. JDY-25M transparent transmission test instructions

2.1、Connect BT Connect test APP to JDY-25M

SELECT RX UUID、SELECT TX UUID、SELECT CMD UUID select the following picture
FFE1 characteristic

2.2、APP receives and sends transparent transmission data

APP receives data transmitted from serial port

APP sends transparent transmission data to serial port