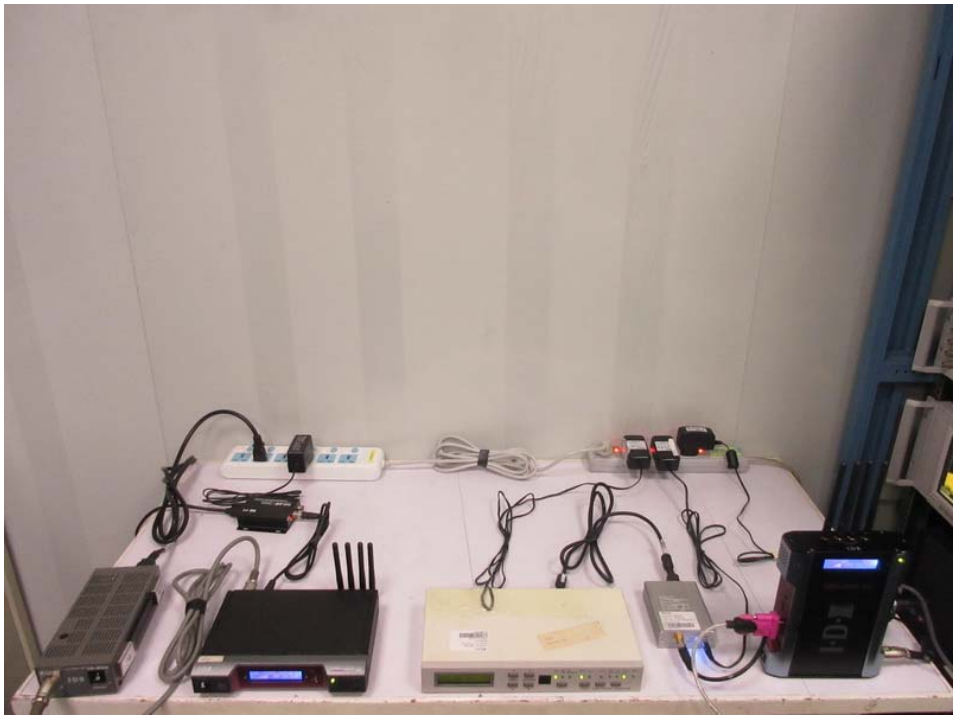
DFS test SOP

FCC ID: OFJCW-F25-140401

Test Setup Photo



Note: Once ready, after 2-5 minutes, you will see the EUT indicator is constant on.

EUT(TX) part Setup overview

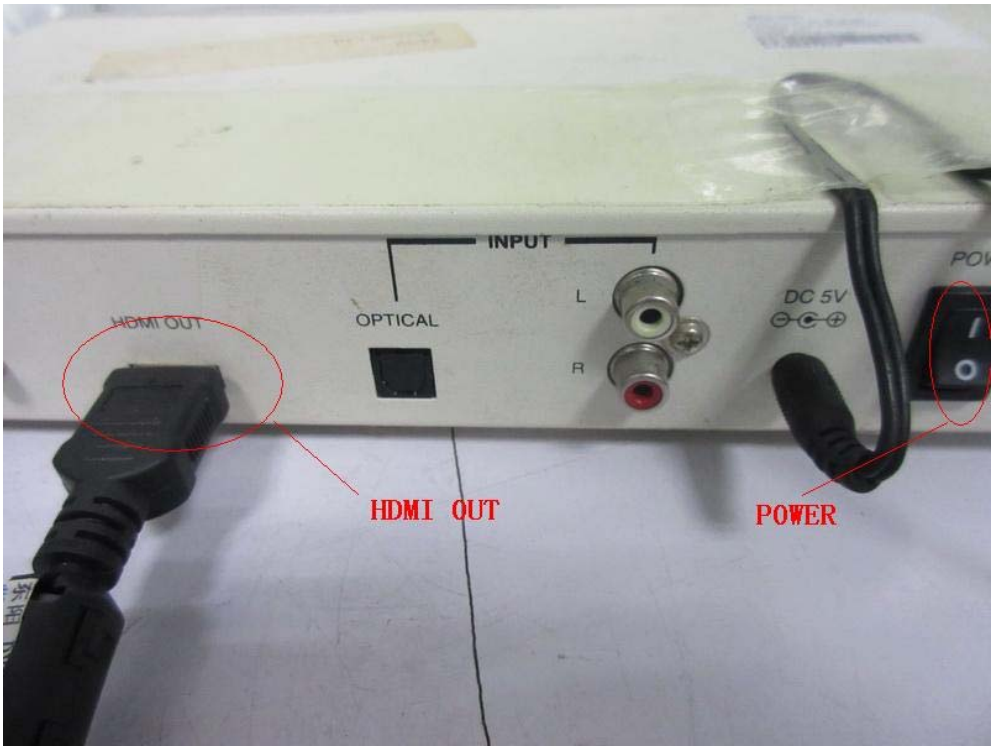
RX part Setup overview

EUT(TX) part Connection instructions:

1. Signal generator Setup

Front

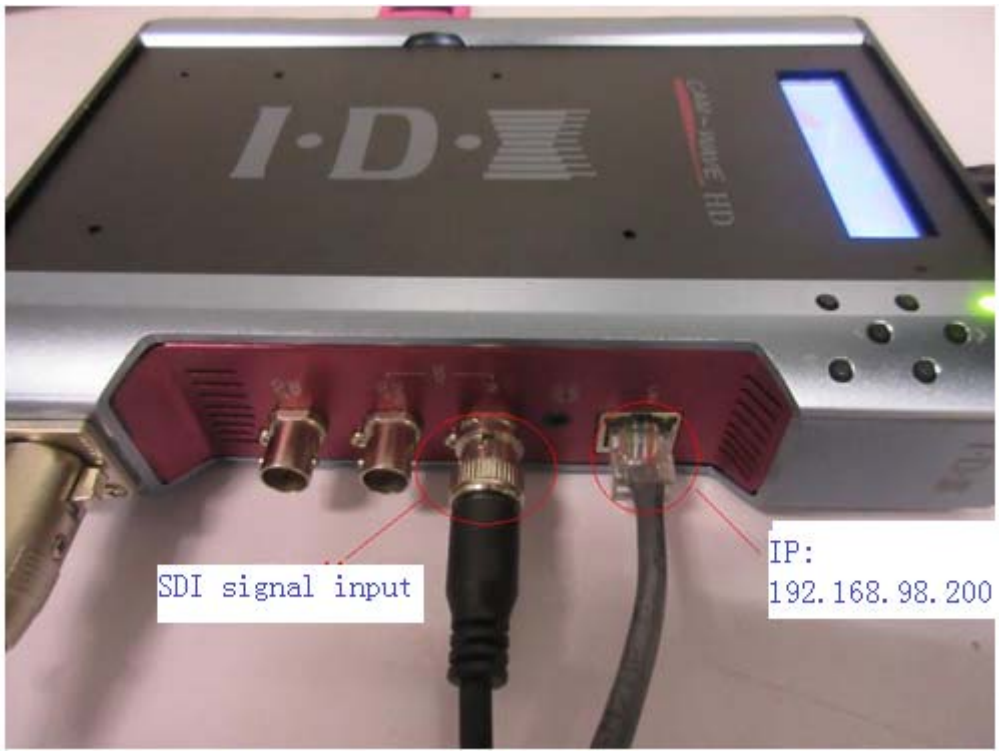
Back

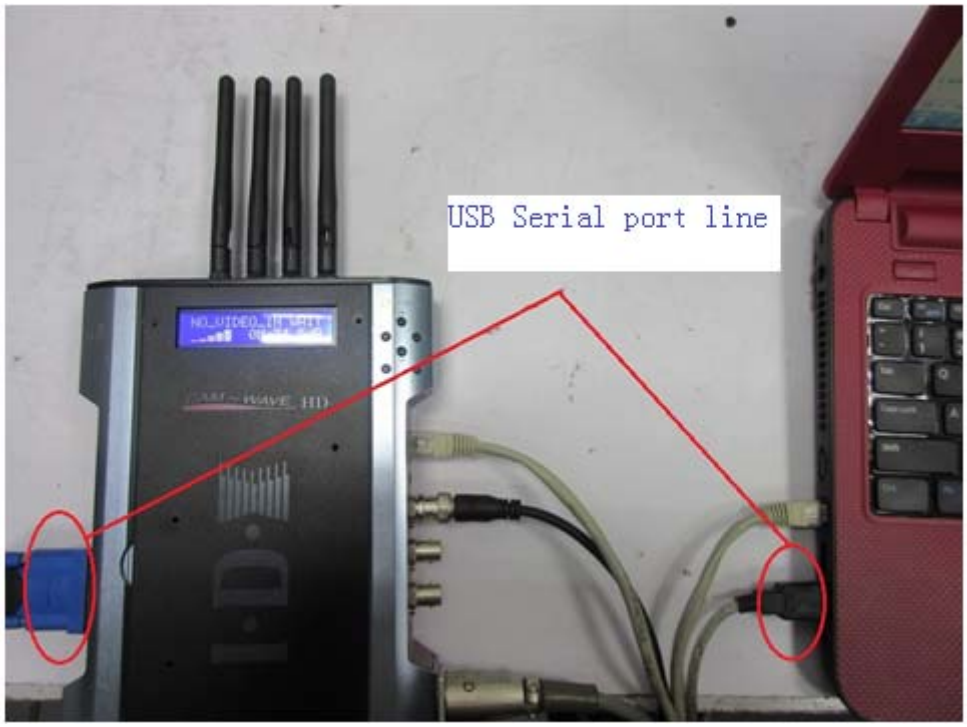


Note: HDMI OUT port is connected with HDMI IN port of Converter with a HDMI cable.

2. Converter Setup

3.EUT（TX）Setup




USB Serial port line

RX part Connection instructions:

1. RX

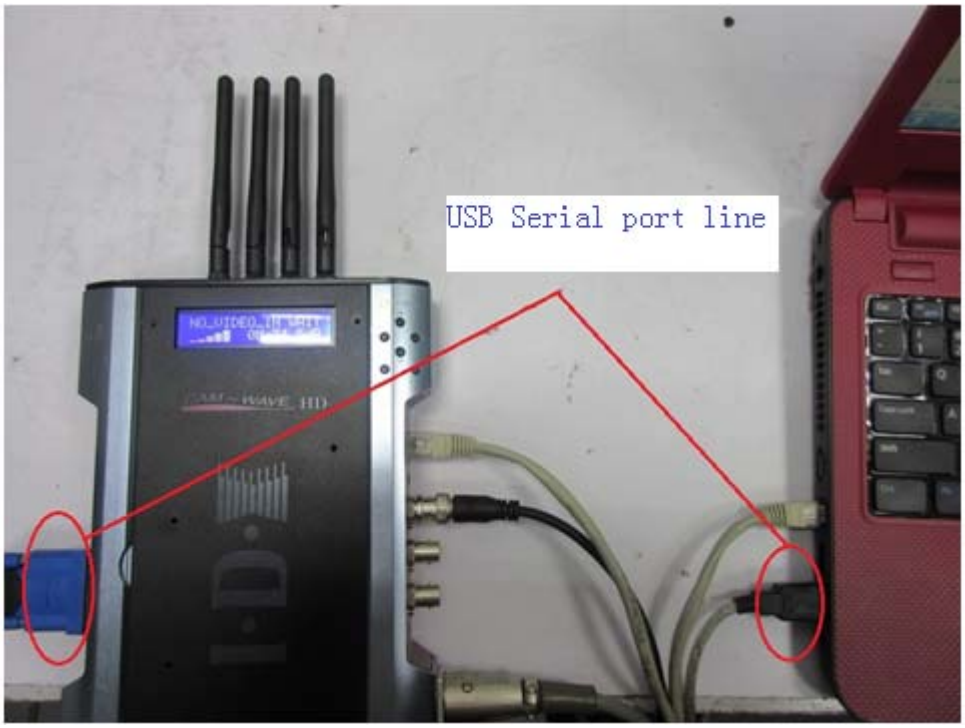
Front

Back

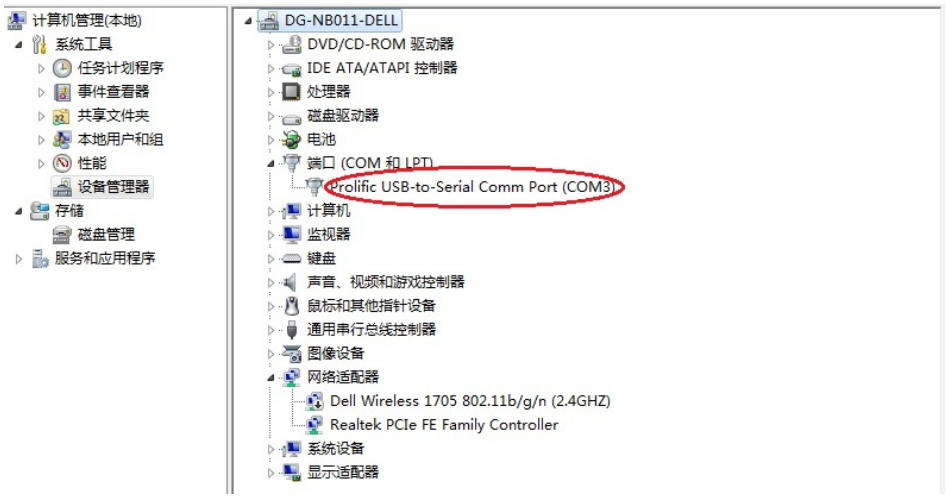
2. Converter Setup

DFS Test steps：

1. Connect EUT to computer as below to achieve instruction control.

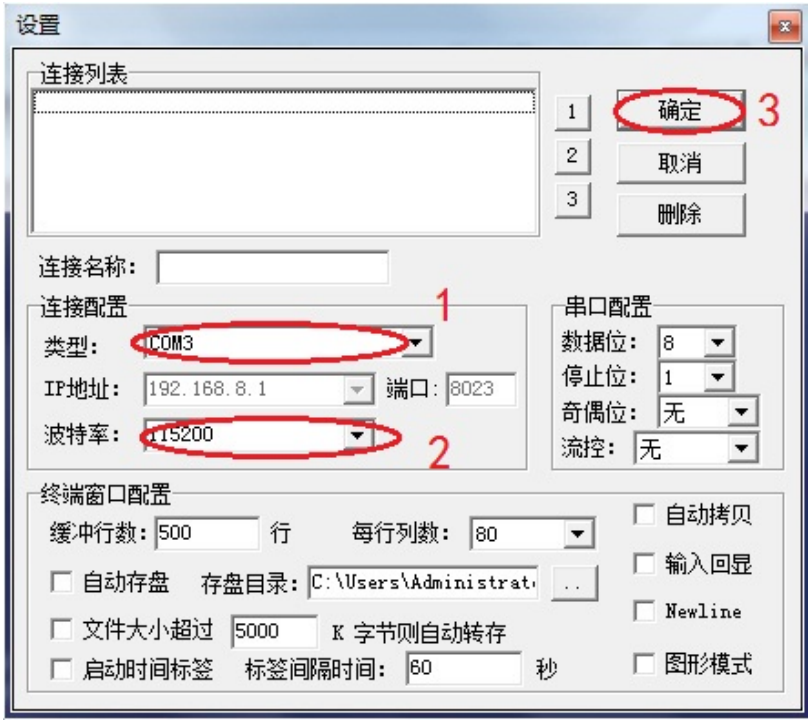


2. Then see serial port connection information as below.



3. Open the serial software 

, and then click on the terminal tool, to establish a new connection. Setting as below：



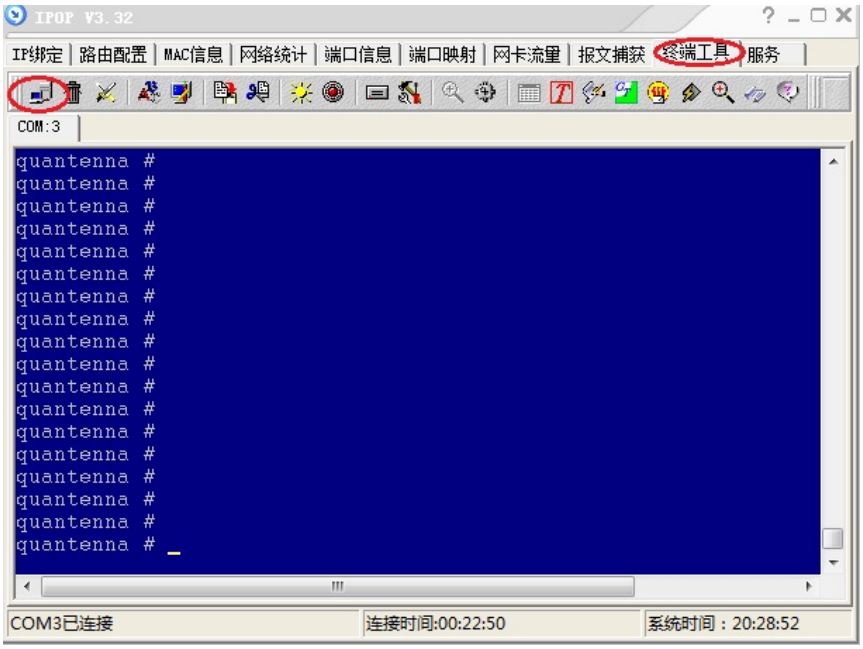
Note:

1: corresponding serial port

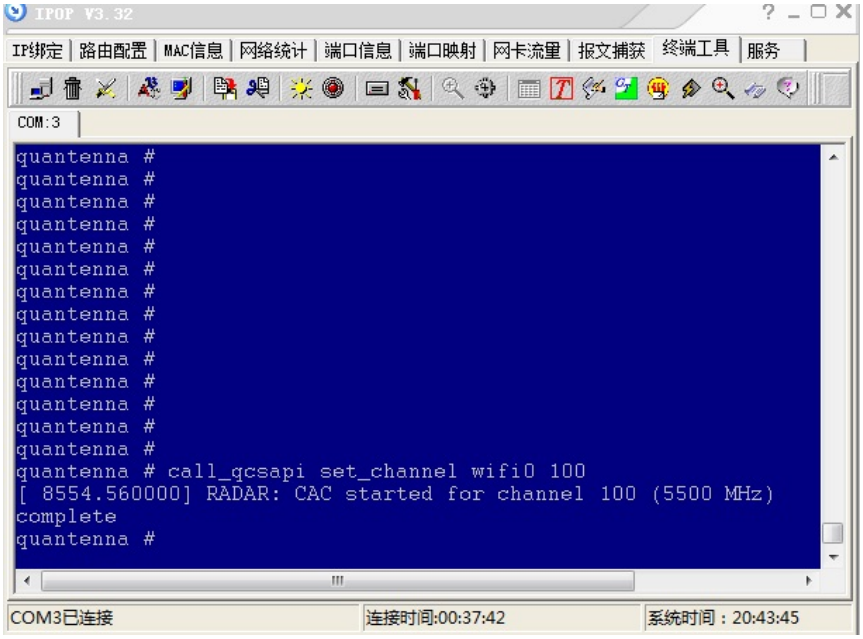
2: fixed band rate

3: Confirm OK

4. Go to the control interface, and you will see below after pressing the “ENTER” key.



5. Directly input the instruction to proceed DFS test.



DFS test instructions:

Set DFS test mode (have detection of radar signal, no frequency hopping):

echo "set test1 0x2" > /sys/devices/qdrv/control

Set normal mode(have detection of radar signal and frequency hopping):

echo "set test1 0x0" > /sys/devices/qdrv/control

Get the current working frequency point:

call_qcsapi get_channel wifi0

Set the working frequency point(The last three digits 120 means channel):

call_qcsapi set_channel wifi0 102

6. Check IP setting：

IP Address: 192.168.98.200
Username/password: super