Tune-Up Procedure

I. Switch the Agilent E5515C Power On

1. Switch on the E5515C using the mains switch at the left bottom corner.
2. Press SHIFT button followed by pressing Preset button on the front panel to initial E5515C.

II. Connect the E5515C to the computer

Connect the E5515C and the computer with GPIB cable. The computer must have GPIB interface card and GPIB driver having installed.

III. Connect the EVDO Card to the Computer

Laptop computer :

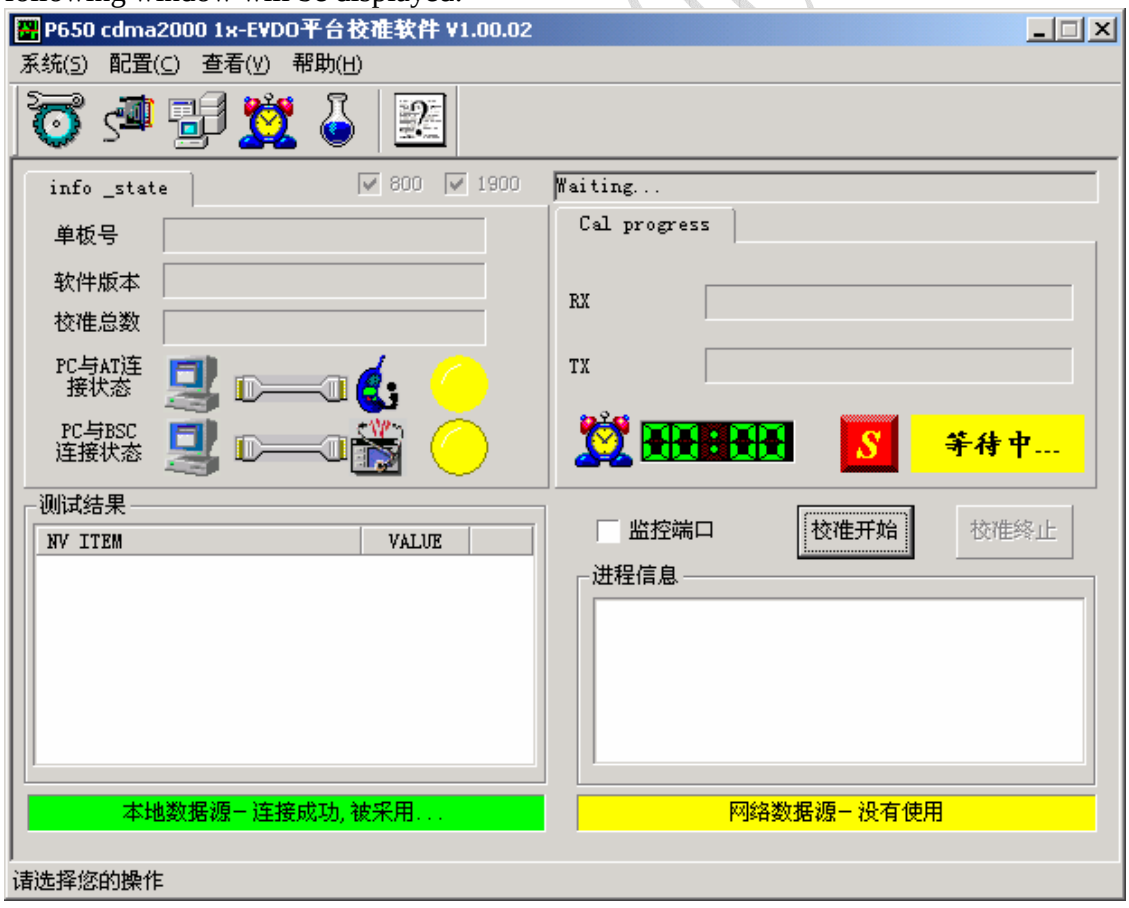
Insert EVDO Card to laptop's PCMCIA TypeII slot and install corresponding USB driver to make the EVDO Card working with laptop.

Personal Computer:

Install a PCI->PCMCIA(Type II) transform card in the PC's main board. Insert EVDO Card to transform card's slot and install corresponding USB driver to make the EVDO Card working with PC.

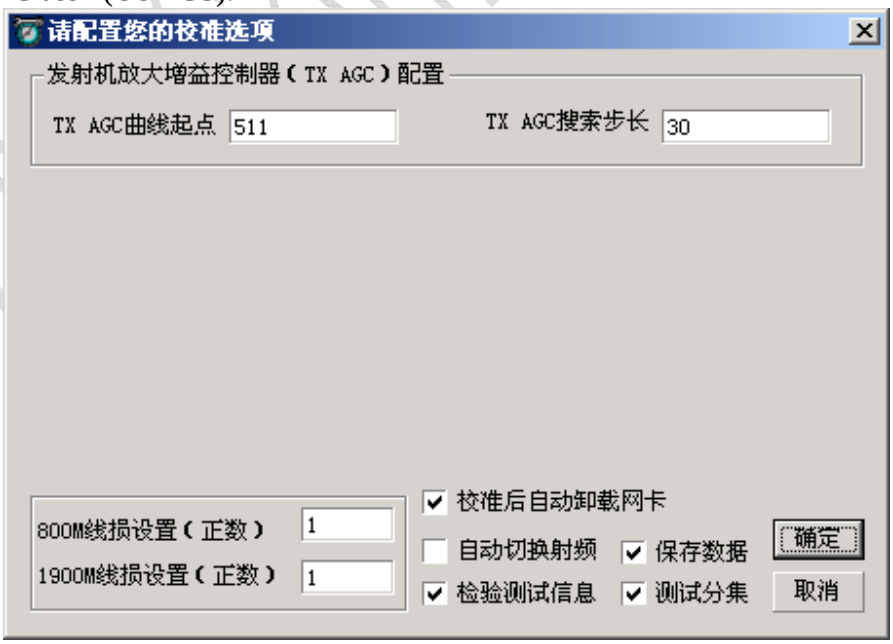
IV. Connect the EVDO Card to the E5515C

1. Connect the bi-directional RF connector RF IN/OUT of the E5515C to the main antenna RF test connector of the EVDO Card.
2. Open the ZTE Calibration software by double clicking the software icon. The following window will be displayed:

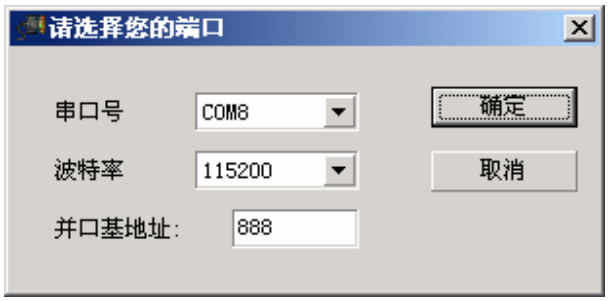


3. Under the configuration menu there are five sub menu items: Calibration Configuration, Port Configuration, Database Configuration, Time Configuration, Threshold Configuration. The following graph shows the configuration menu.

4.Select Calibration configuration menu to set RF cable loss of Band Class 0(US Cell) and Band Class 1(US PCS).



5.Select Port configuration menu to set correct communication port of the EVDO Card.



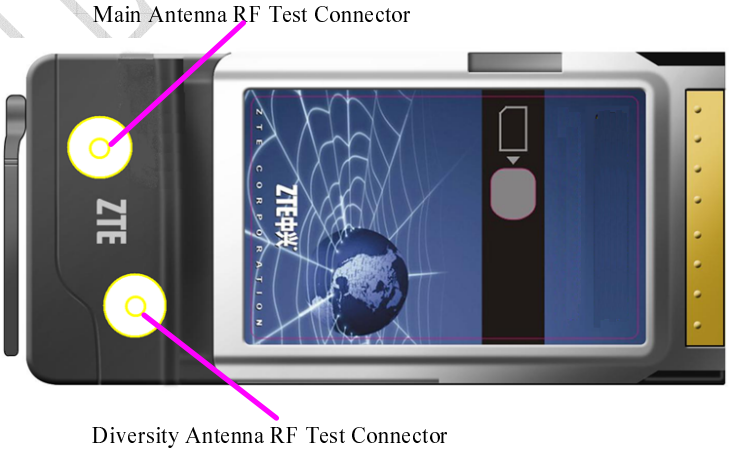
6.Select Database configuration menu to set ODBC database source used by calibration program.

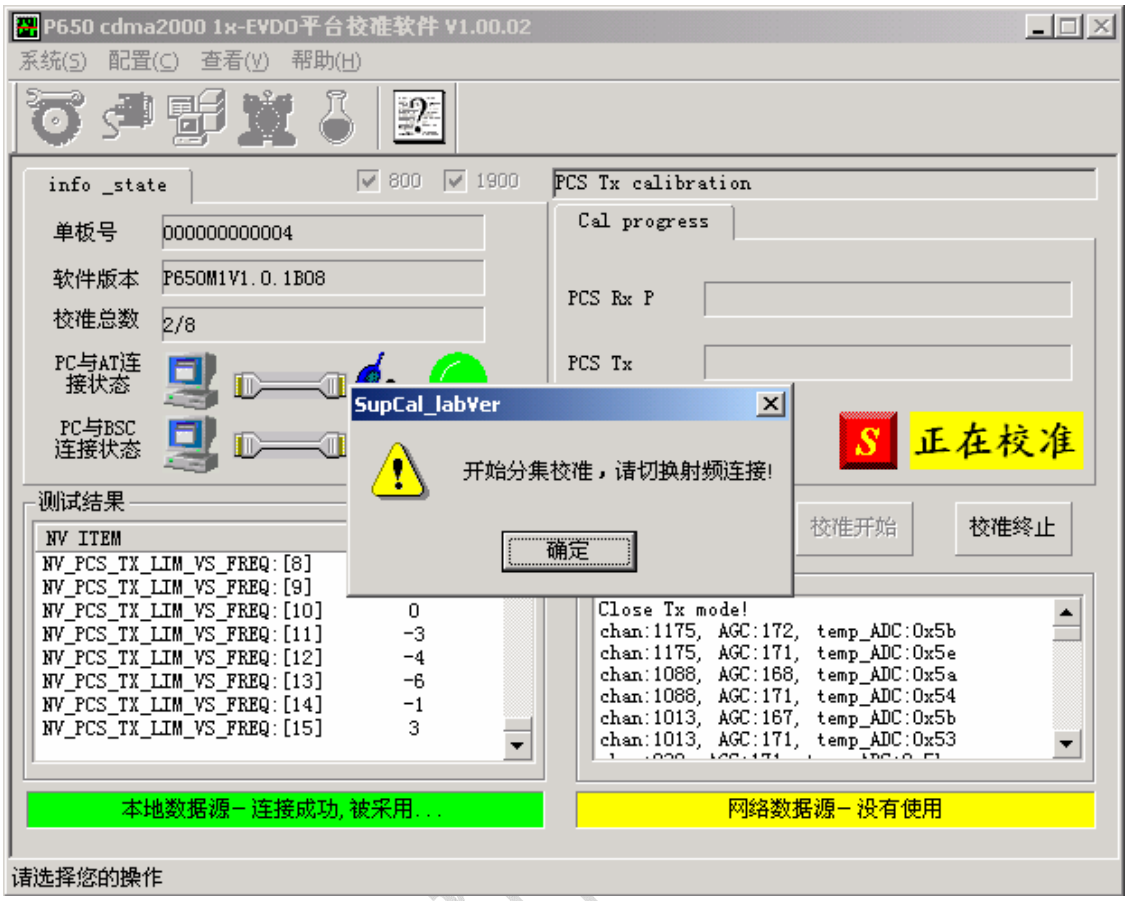
The ODBC database source is set through ODBC database manager in Control Panel of windows system.

V. Go to "Start"

1. Click the "Start" button, you will see the following screen. Once the start button is clicked, the E5515C will check various parameters automatically(e.g. RSSI, Output Power, etc.) and the calibration program will calculate and set different parameters for the EVDO Card accordingly(e.g. Gain, Output Power, etc.)

2. Due to the diversity antenna used by EVDO Card, the calibration program will show a message box "***start diversity calibration, please change RF connection to diversity antenna RF test connector***" after finishing main receiver's calibration. The main RF test connector and diversity RF test connector's position is showed in the following picture:





3. If “Calibration Success!” data appears, the EVDO Card has been successfully calibrated and everything is properly tuned. This calibration process typically takes less than 5 minutes if all the above steps are followed and the conditions are met.