CP-100G Tune-up Procedure

Version 1.1.0

		Remark
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Etc		

1. Test Configuration of Equipment under Test

The EUT has been tested under continuous transmitting mode
All tests are performed at low channel, Middle channel, High channel

During all testing, EUT is in link mode with Network Equipment (Wireless Communications
Test set 8960) at Maximum power level

2. Set-up Equipment

- Equipment : E5515C(8960, Firmware : 1968A) , PC , Test unit

GPIB Cable

RF Cable

Power supply

PC

CP-100G
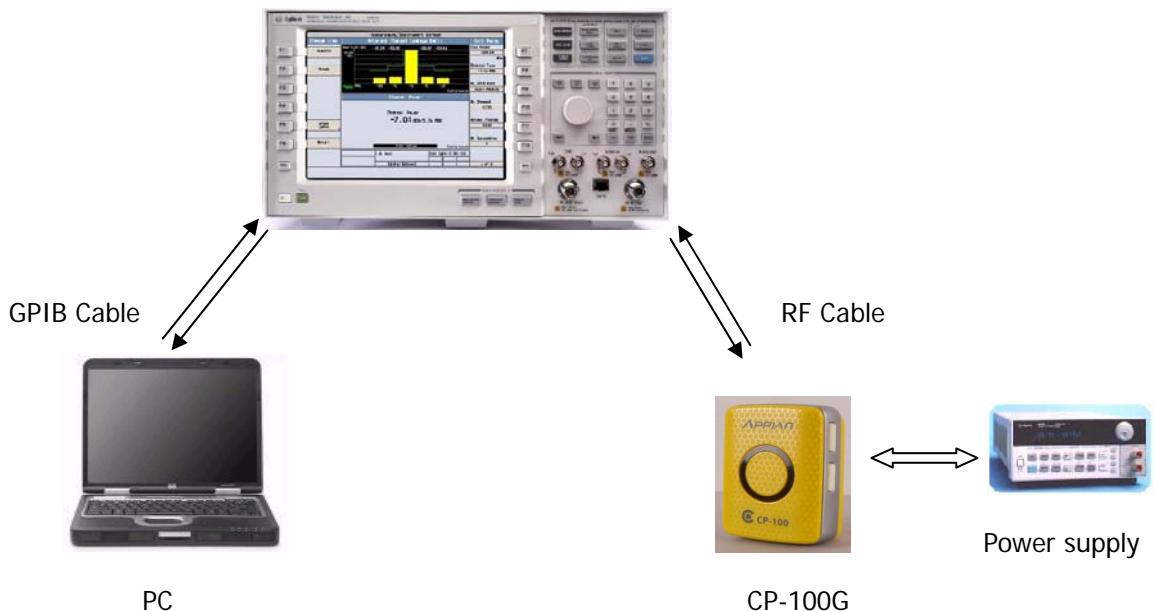
Fig 1 Setting up connection

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3. Setting the tune-up program

3-1. Run the MFC application program for RF calibration.

-Check Item: Power Calibration, CDAC Calibration, AFCDAC Calibration, Rx Board Gain
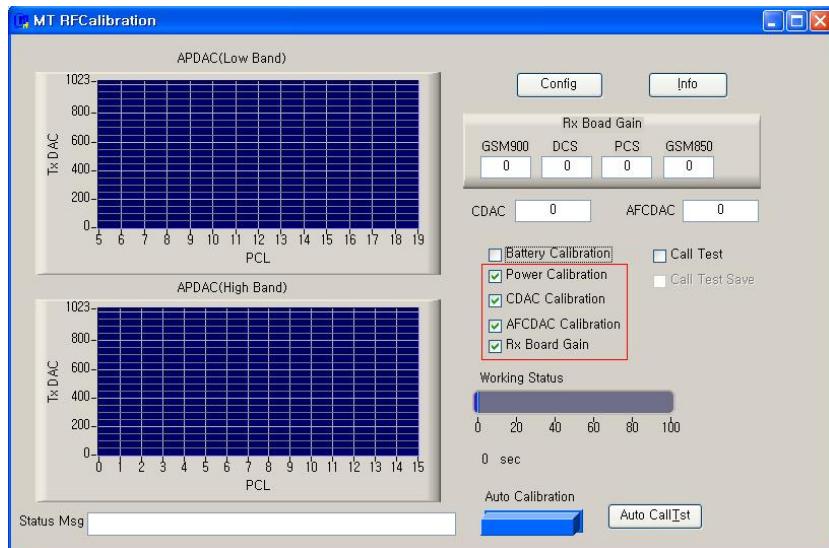
3-2. Click "Config" button.

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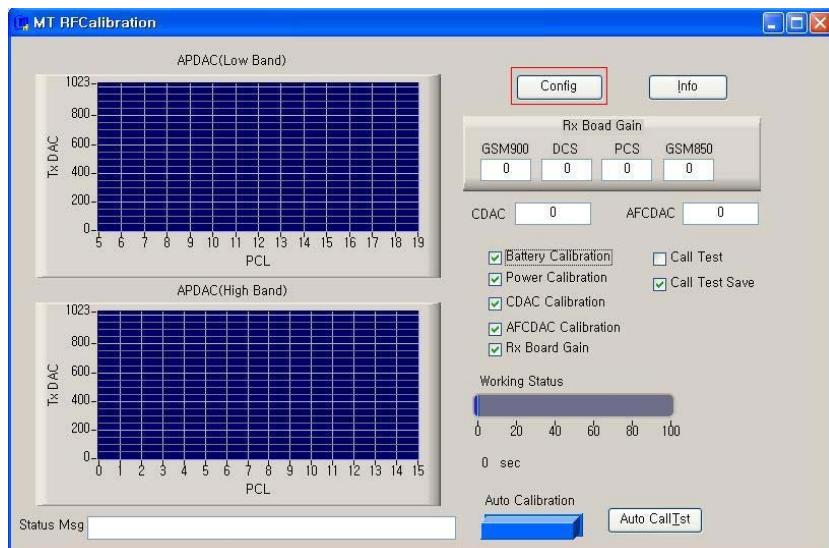
3-3. You can see as shown below.
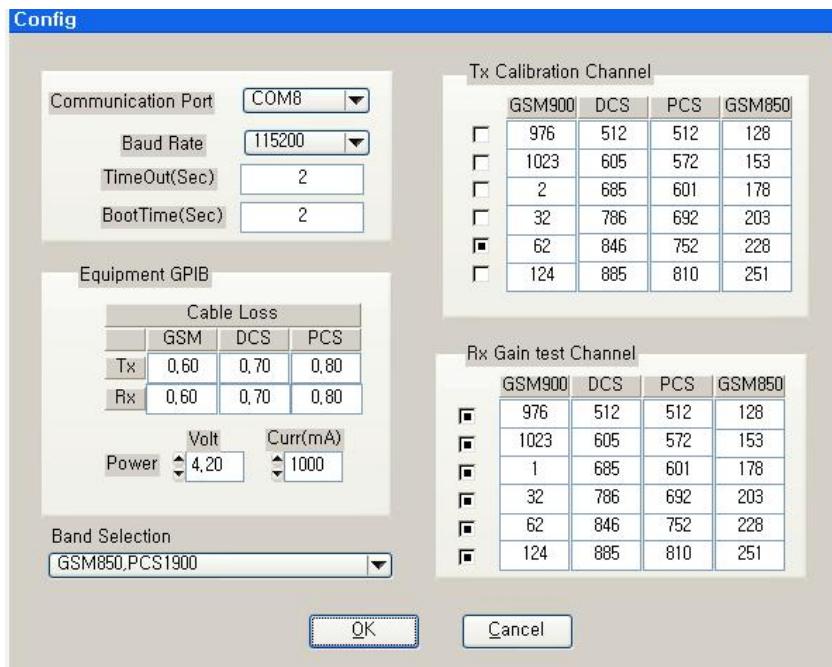
3-4. Set up your configurations.

-Communication Port

-Baud rate: 1152000

-Cable Loss

GSM850: 0.8dB, PCS1900: 1.0dB

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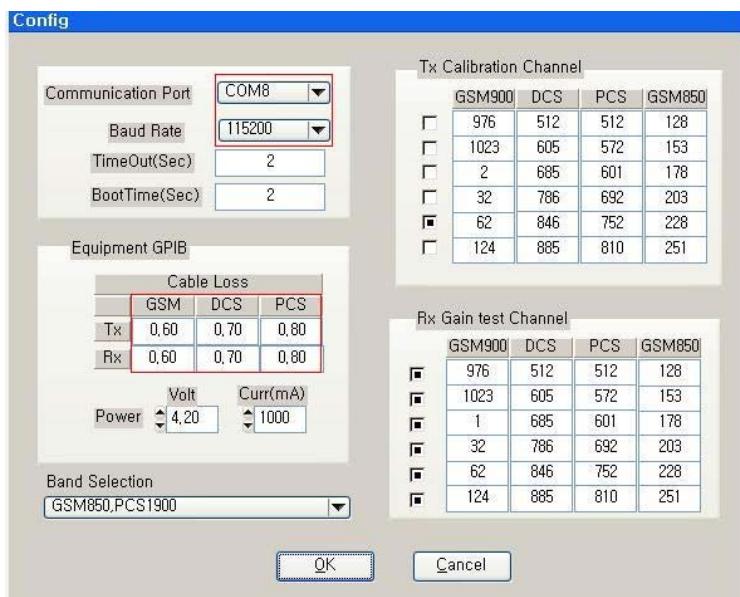
3-4. Select your band and channel.
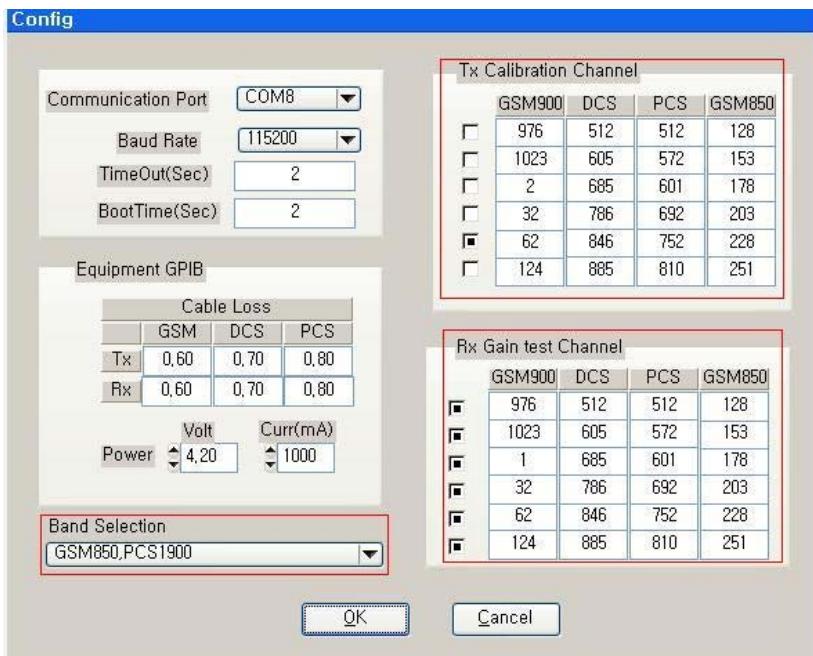
(If you don't add test item anymore, press OK button.)

3-4. Run "Auto Calibration".

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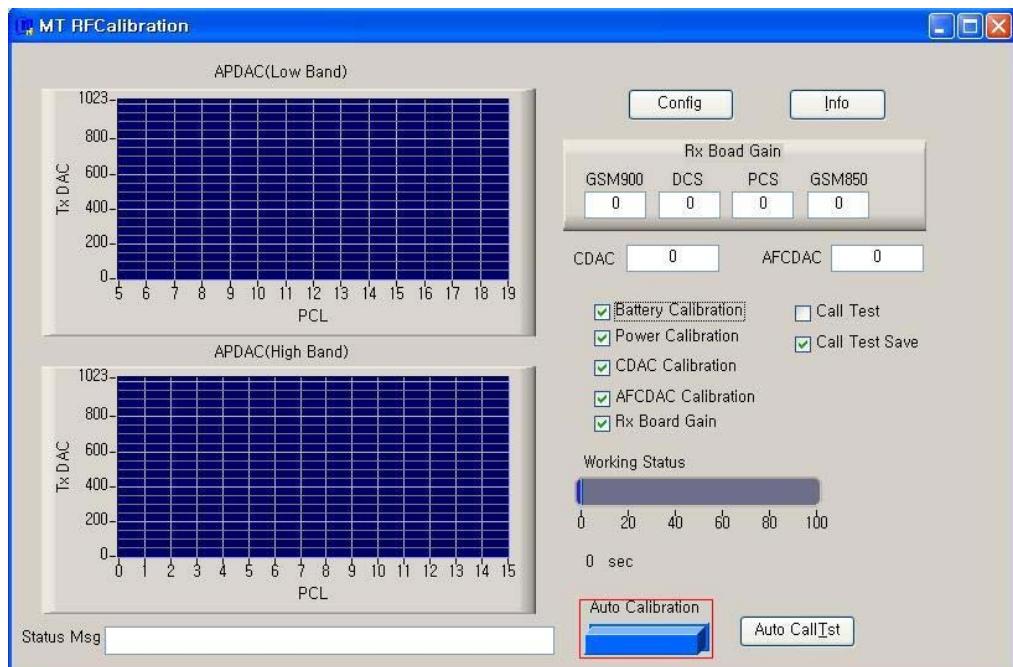
4. Target of Output Power

4-1. GSM850 Band

128channel, 178channel, 251channel: **30.2dBm**

4-2. PCS1900 Band

512channel, 601channel, 810channel: **28.5dBm**

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