# Tune Up Procedure

# for MM-5500C

1. Overview

   This procedure describes about TX power control of MM-5500C.

   The TX power control program is used for TX Power (dBm) and Frequency Channel of the modem.

   Please follow the procedure below.

2. Install Driver

   1) Install UI Program for PC to run modem.

   2) UI Program containing USB Driver just for users to test FCC TX Power.

   3) UI Program Setup method can be found by the below path

      UI Program -> Setup -> Help -> help.hlp File double-click

## 3. Set test environment as shown below

- Connect MM-5500C to a lap top PC by using the Extension board

- Connect Jig board to the lap top PC by using RS-232 Cable

- Switch on jig board is to be set with making both 1 and 2 On as shown in the Pic.

- As connecting MM-5500C to the jig board, make sure to have the cable positioned as  shown on the Pic.



Switch setting

RS-232

Notice

Extension Board
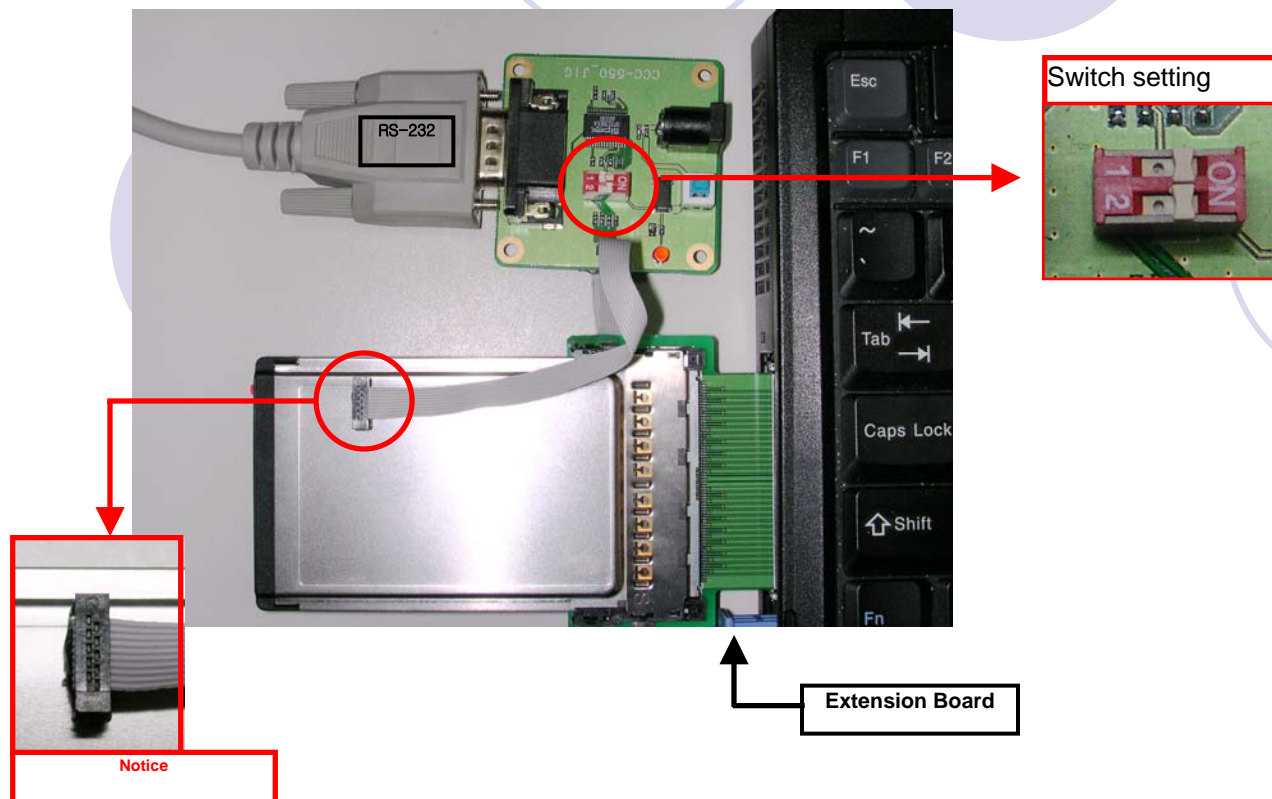
## 4. Execute of the program

Double  click CmTest.exe File in TX power control program directory and the below window pops up.
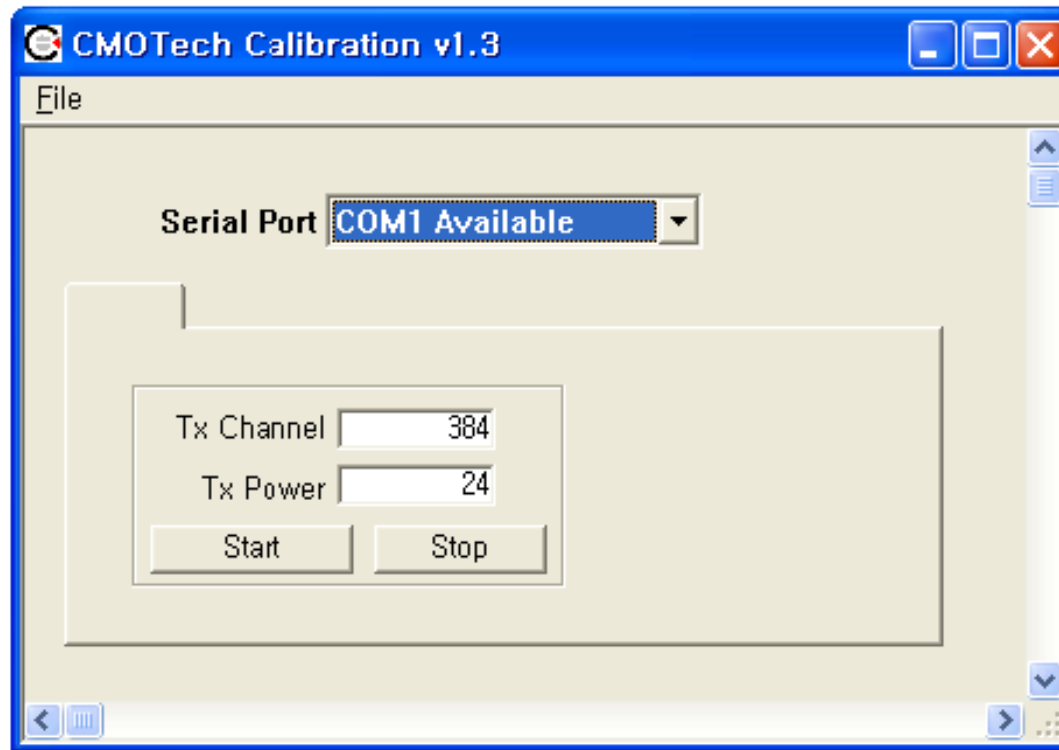


Operating Frequency : 824.69MHz ~ 848.31MHz
 - 824.69MHz : 1013CH
 - 848.31MHz : 777CH

5. Program operating flow

For setting, select Serial Port, Channel, an expected output power and click start button, and modem TX Power will come out.
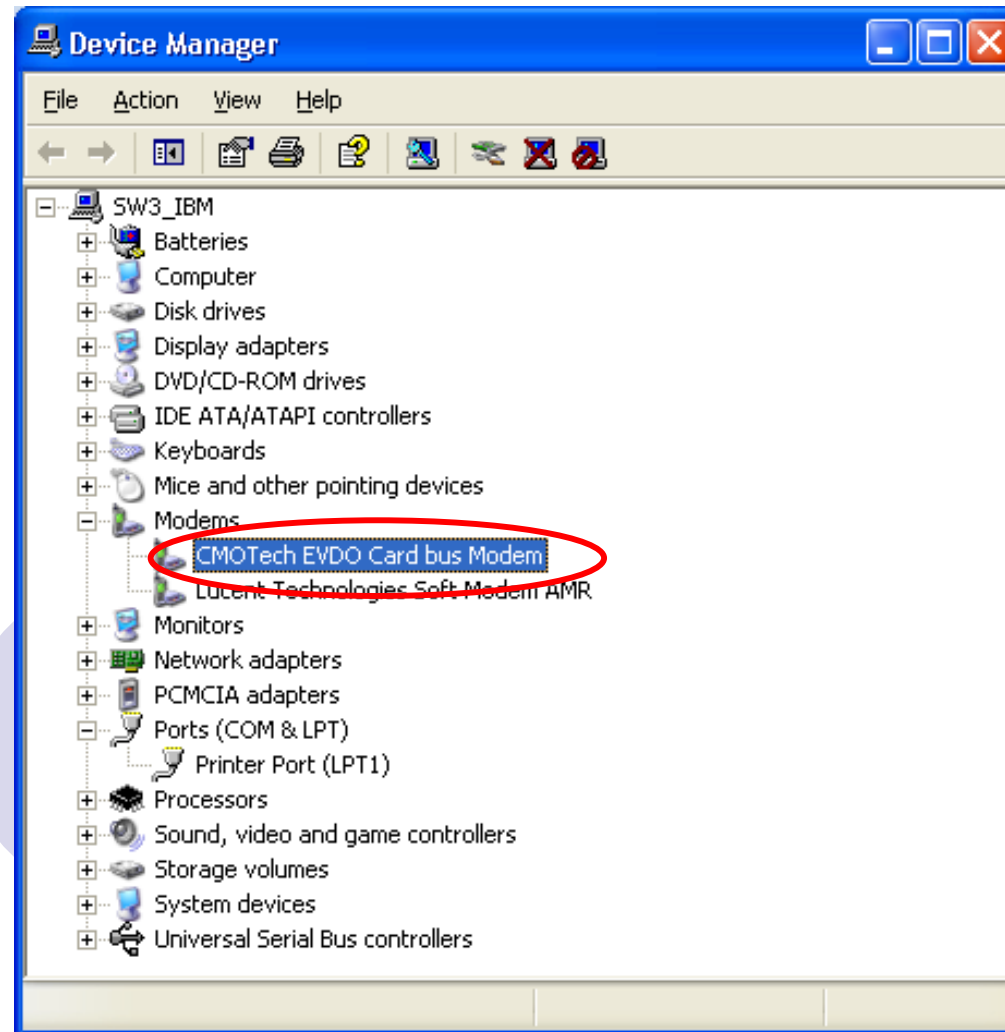
1) Only registered COM ports are listed on the Serial Port List Box on the window.
If other serial devices are being operated, users can find the Com Port Number for the modem by the following.
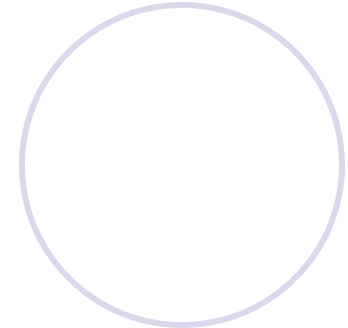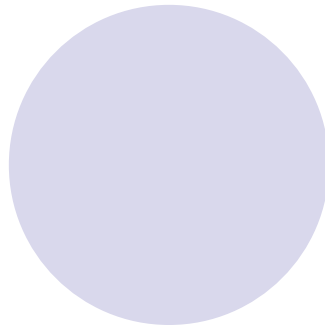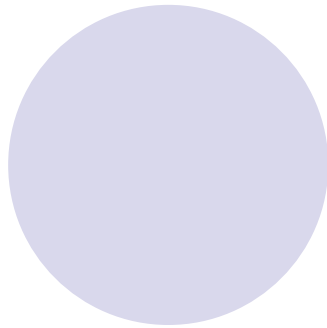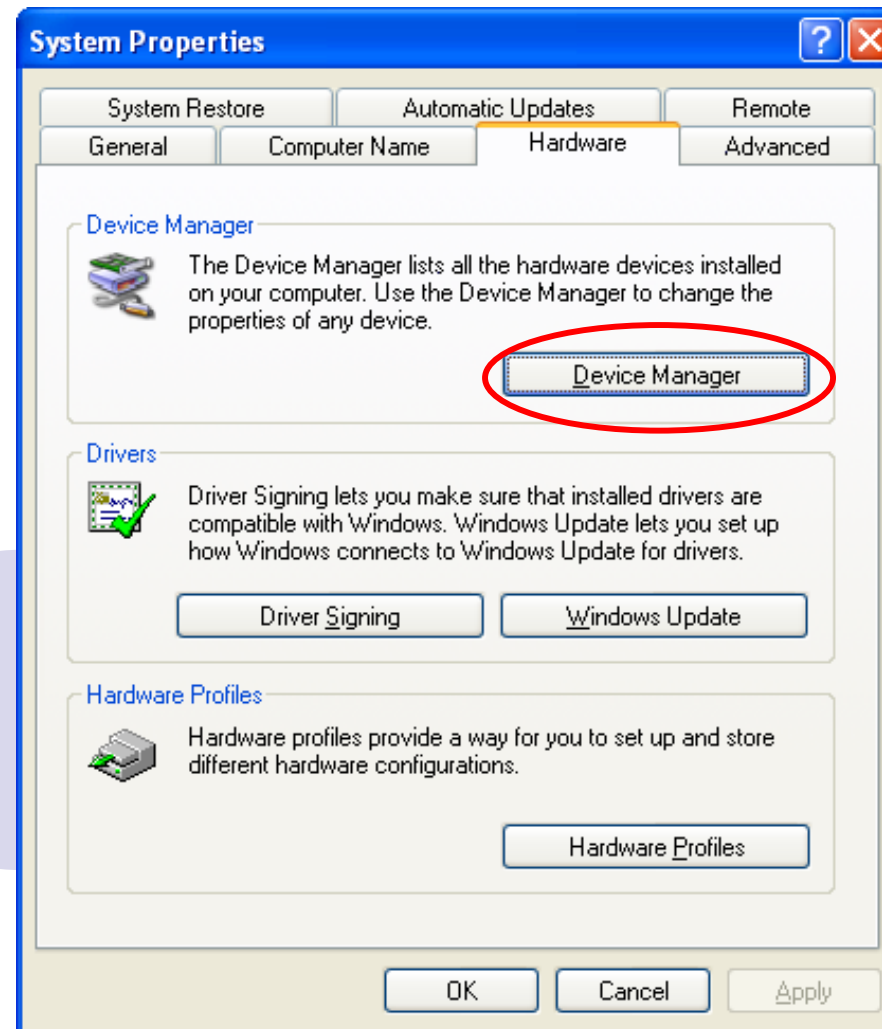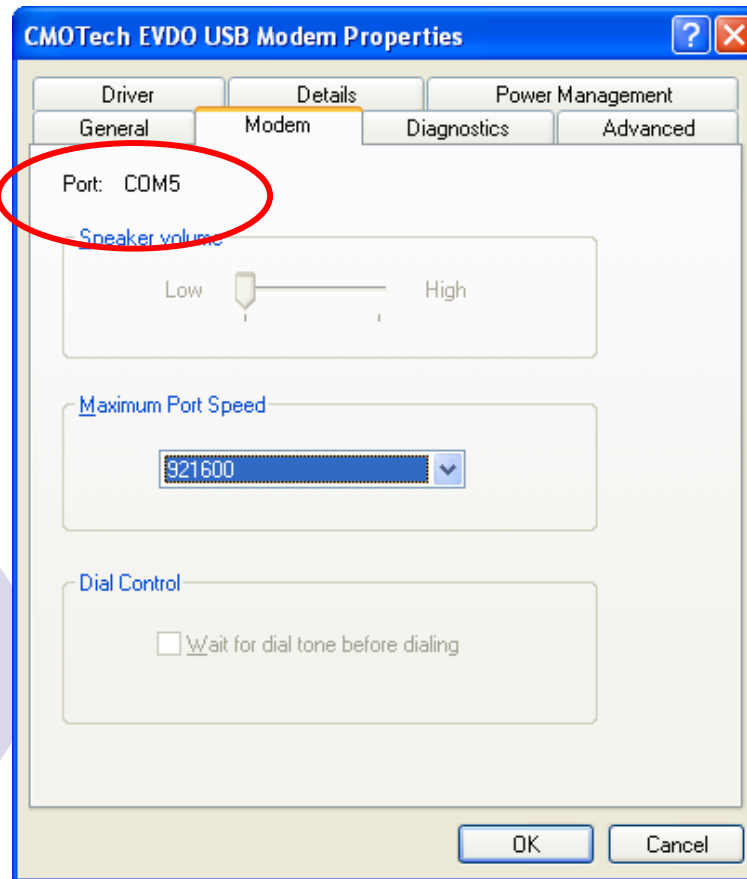
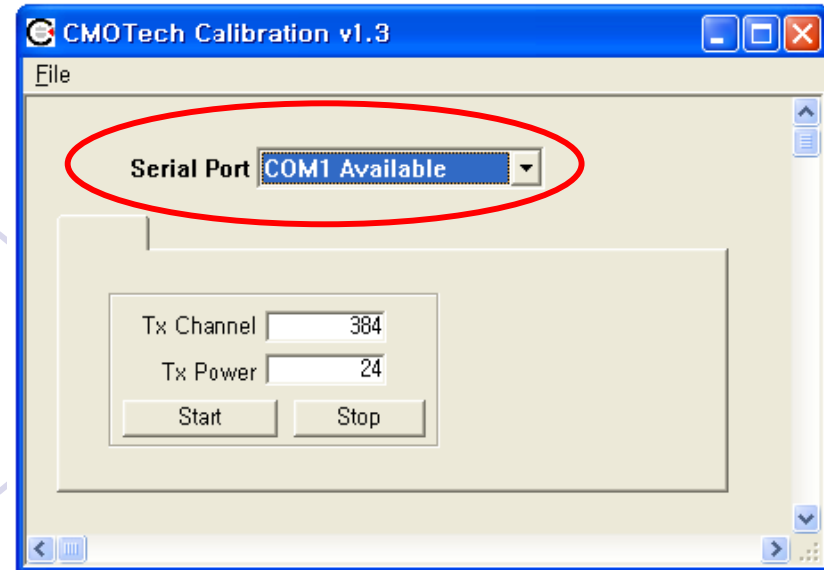My Computer -> Properties -> Hardware Tab ->
Device Manager Click

Modem -> Double Click CMOTech EVDO Cardbus Modem

Modem Tab -> Checking Port!!

**Select COM Port by Com5 for instance.**

2) TX Channel is to be manually input from 0 to1023.

3) TX Power is to be manually input from −50dBm to 26dBm.

6. Remarks

   1) It may take maximum 10 seconds for TX Power to come out

     after clicking Start Button.

   2) There would be discrepancies on output depending upon the

     temperature of modem or Offset on a equipment.

   3) TX Channel and TX Power can be modified even while TX power

     comes out.