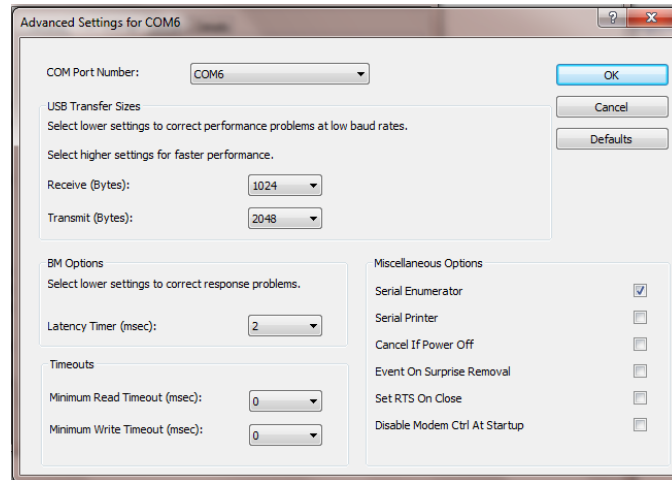
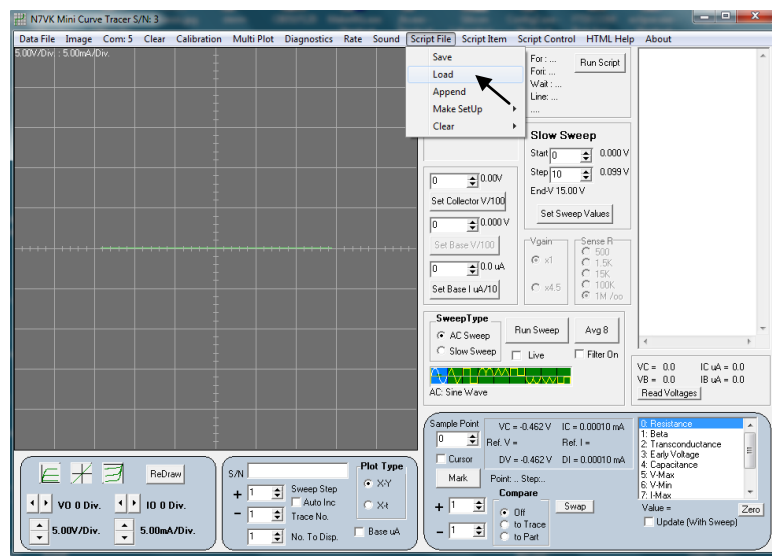


## Getting Started With Mini\_CT

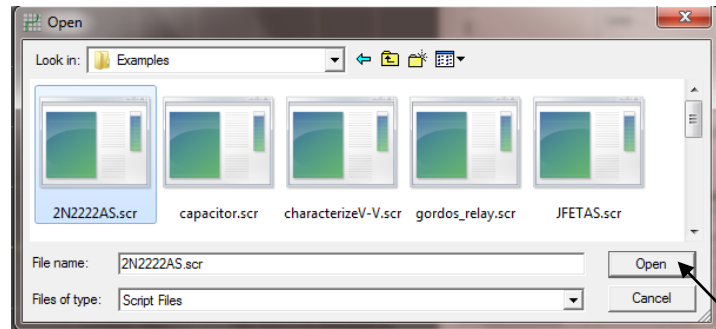
- Plug the USB-mini-B connector into the side port on Mini\_CT
- Plug the USB-A connector into a suitable port on your computer
- Wait for your operating system to recognize and download drivers for the USB to serial interface
- Drivers can be manually downloaded at [FTDIchip.com](http://FTDIchip.com)
- Open device manager and set the serial port properties to the following settings. Note: There are two ports in the serial adapter. Use the lower port number. Your port number might be different than shown.



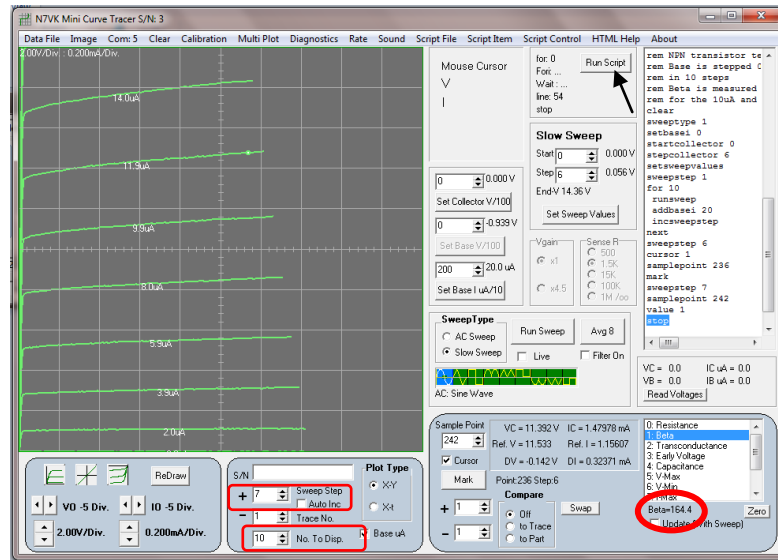
- From the build archive, copy the Mini\_CT folder to a location on your hard drive. Open the folder and select then copy Mini\_CT.exe.
- Past a short cut to the desktop.
- Double click the Mini\_CT short cut to start the program.
- Select Menu Item **Script File** then **Load**



- Open the **2N2222A.scr** example.



- Press run script and follow the instructions. You will need a 2N2222A transistor or equivalent small signal NPN transistor to generate curves.



- The script program sets the display screen for multiple traces (**No. To Disp.** = 10). The cursor is set to measure base and collector current on two different traces. **beta** is calculated from traces six and seven at approximately the same collector voltage.
- Try setting **No. To Disp.** = 1, then change the **Sweep Step** (+) from one to ten.
- Several other script example programs are included in the Examples folder. Give them a try.
- For more information about using Mini\_CT, **HTML Help** is available from the menu.
- Safety Warning
  - Mini\_CT is a low voltage and low current test device
    - Do not connect Mini\_CT to live circuits
    - Do not connect Mini\_CT to circuits with stored energy
    - If the circuit can source more than 10V and more than 10mA of current, don't connect Mini\_CT to the circuit