11k/DSA/CSA Oscilloscopes

Transferring Hardcopies over the RS232 port using the MicroSoft Windows Terminal application

The screen image in Figure 3 was captured from a DSA602A oscilloscope over the RS-232 port using the Windows Terminal program. To make this transfer, follow the procedure outlined below. This procedure will work for the 11402A, 11403A, CSA404, CSA803 and 11801A oscilloscopes.

1. Set the communications settings in Windows Terminal to match those of the oscilloscope. I have had success with the setting indicated in figures 1 & 2. First, choose the Settings menu and select Communications. Set the baud rate to 4800 in this menu.

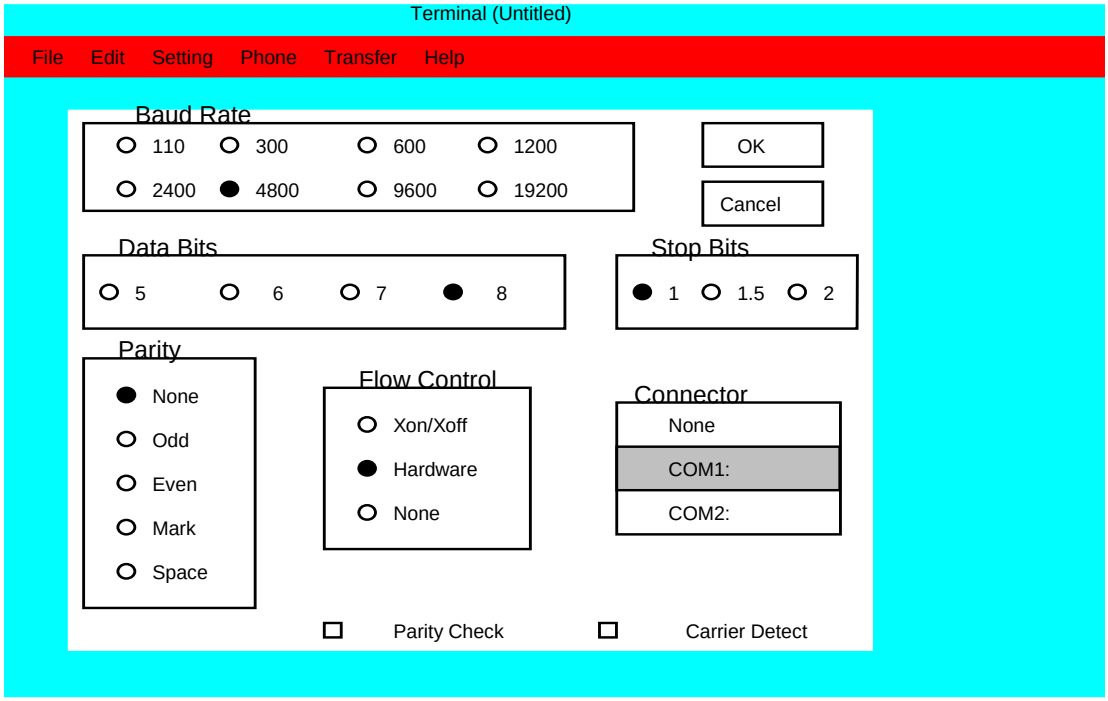

Figure 1

2. In the RS232 menu of the Oscilloscope, set the baud rate to **4800**. In the Hardcopy menu, set the hard copy **Output Port** to RS-232.

3. Change the **Printer** selection to **Bitmap Dump**. Then select the **Data Format**. (For the DSA, I would suggest the **TIF** format found under the **Bitmap Dump** selection. Use the **BinHex Compacted** data format for the other scopes mentioned above and use the FILTER.EXE program to translate this file into a TIFF format. Filter.exe is on our BBS in a file called NEWTIFF.ZIP.)

4. In the Terminal program, select **Receive Text File** (under the **Transfers** Menu) and check the **Save Controls** . This will enable the Terminal program to save binary screen images. Next input a filename and extension. If you send a TIFF format hardcopy, the extension needs to be **.tif**. If the hardcopy is a BinHex Compacted format, any extension is all right. The FILTER.EXE program will add a **.tif** extension to the output file.

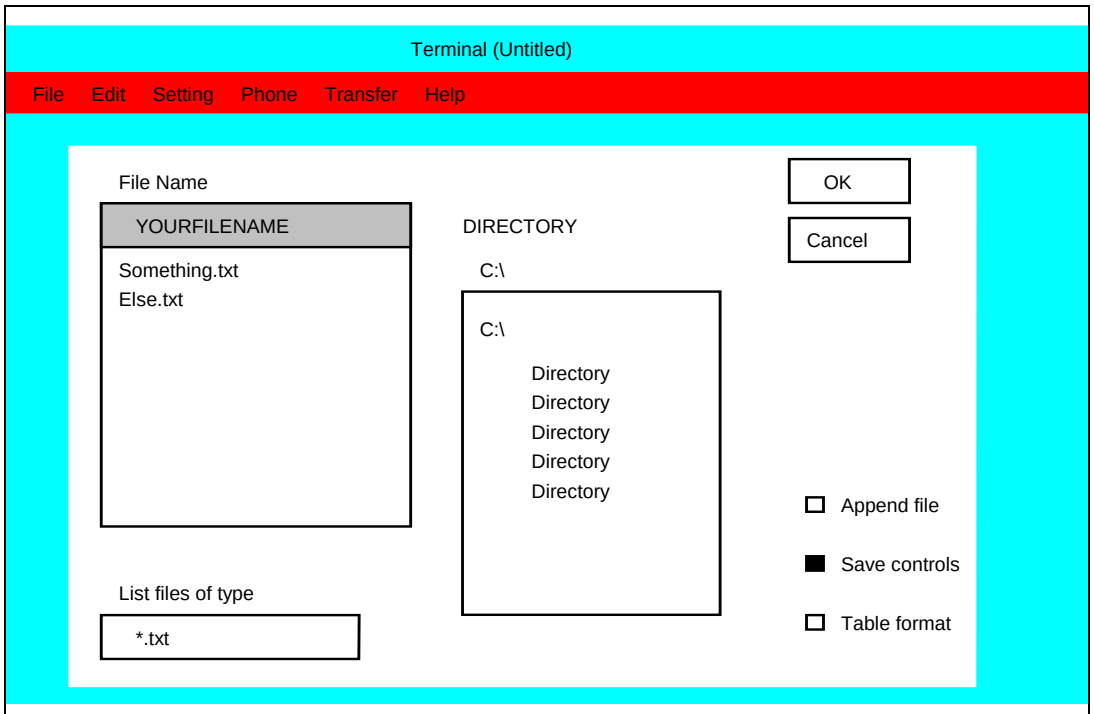

Figure 2

5. Once you have the image you want on the oscilloscope display, press the **HARD COPY** button.

6. When the transfer is complete, click on the **STOP** button in the Terminal program. Now you have a screen image you can import into several different applications, including Microsoft Word for Windows.

7. In Word for Windows, select **INSERT PICTURE** and enter the filename of the screen image. The file will be converted and displayed in your document. Many other software programs will also read in TIFF graphic files..

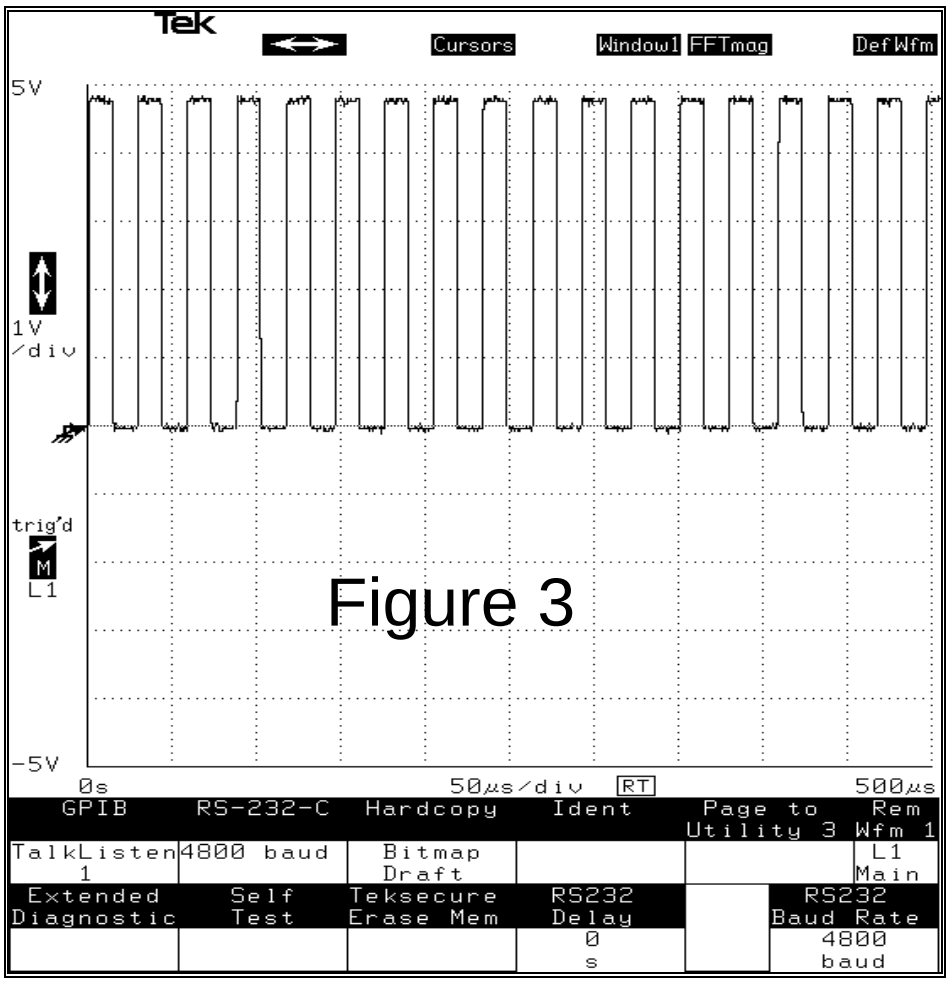

Figure 3

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