How to use labview to print the curve on the oscilloscope?

1. Disconnect the printer and the oscilloscope.

2. Click start, go to All programs -> National Instruments -> click "measurements & Automation". Then we get the window of "Measurement & Automation".

3. In the window of "Measurement & Automation"
   a. Double click "Devices and Interface"
   b. Select "GPIB0 (PCI-GPIB)", right click mouse button, then select "scan for instruments"
   c. If we get the "Instrument 0" and its address, that means the instrument is found.

4. Open labview 7.1
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   b. Select "new…"
   c. Select "blank VI", click "ok"
   d. In the "block diagram" window, right click mouse. Then click "input", select "Instrument I/O assistant"

5. In the window of "Instrument I/O assistant"
   a. "select an instrument" with the correct address which you are using
   b. Click "add step", select "query and parse"
   c. Input command "curve?", then click "run this step"
   d. Click "auto parse'
   e. Click "ok"

6. In the window of "front panel", right click mouse, then click "Graph Inds", select "graph".
7. In the window of "block diagram",
   a. Connect "blockData" to "waveform graph".
   b. In "operate" menu, click "run"
   c. You can see the curve in the window of "front panel"
   d. Print the curve