

SD375 TEXT ENTRY FEATURE

Included with the 3DXX version of the I/O Option is an added text entry feature. This feature allows you to "customize" existing, and add user annotation to the display of your SD375.

A laminated card with a front-panel overlay is provided with user instructions printed on the other side. The touch controls on the card, indicated in red, are the controls for text entry. They are enabled only when the text entry feature is enabled and operate much the same as the dual function keys on a calculator.

Before you get started, there are a few things you should know about the feature.

Once text entry is enabled, standard front-panel operation of the SD375 is locked out.

Text entry cannot be performed until a line number is assigned.

Annotation entries/changes made on one display will appear on all the displays. Annotation entries/changes made on one menu will appear on all the menus.

If you enter text, for example, on line #2 and subsequently select line #2 again, the text you already entered will disappear.

Running the characters or the line number asterisk off the display in either direction can cause problems.

You do not want to enable text entry when performing a digital plot. You can however, perform a digital plot while text entry is already enabled. One thing you will notice though, is the absence of an audio feedback "beep" when you press the PLOTTER, START control. The absence of the "beep" only takes place when plotting in the text entry mode and has no effect on plotter operation.

Getting Started

You will find that after you become familiar with the text entry feature, the instructions on one side of the laminated card are all you will need to operate the feature. However, its a good idea to read the following description of the text entry controls to eliminate any unwanted surprises.

TEXT

This is the blank touch control located in the PARAMETERS group on the front panel of your SD375. When the LED in the upper left-hand corner of the touch control is lit, text entry is enabled and standard front-panel operation of the SD375 is locked out.

LINE

When text entry is enabled, annotation changes/entries cannot be made until a line number is assigned. You do this by pressing LINE #, the desired line number on the PARAMETERS group keyboard, and then ENT. An asterisk will appear at the beginning of the assigned line number.

BACK SPACE/SPACE

Each time you press the SPACE control, the asterisk will move one character space to the right. As the asterisk passes over annotation generated by the instrument, that annotation will be erased (this is not a permanent condition; clearing user-entered annotation causes instrument generated annotation to re-appear).

SKIP

This control does the same thing as the SPACE control, (moves the asterisk one character space to the right) except, instrument generated annotation is not erased.

XFR

This control is used to transfer a line of user entered text (doesn't work for instrument generated annotation) from one line to another. Here's how its done: First, make sure text entry is enabled (LED lit). Press XFR. Press LINE #. Press the numerical value of the line where text is originally positioned. Press ENT. Press LINE #. Press the numerical value of the line where you want the text transferred. Press ENT. You're all set.

CLR

To remove user-entered text, you can use either of two methods. One method is to remove one line at a time. You can do this by first making sure text entry is enabled. Next, press LINE #, the number of the line you want removed, then CLR. The second method is "panic erase", in case you've written something naughty on the display and you have to erase it in a hurry. This is how you do it. If text entry is already enabled, toggle the TEXT control (turn it off, then on), then press CLR. If text entry is not enabled, just turn it on and press CLR. This method erases all user entered text.

ENT

This control is the final command for assigning or transferring a line number.

Line Number Locations - Where Are They?

Menu Mode

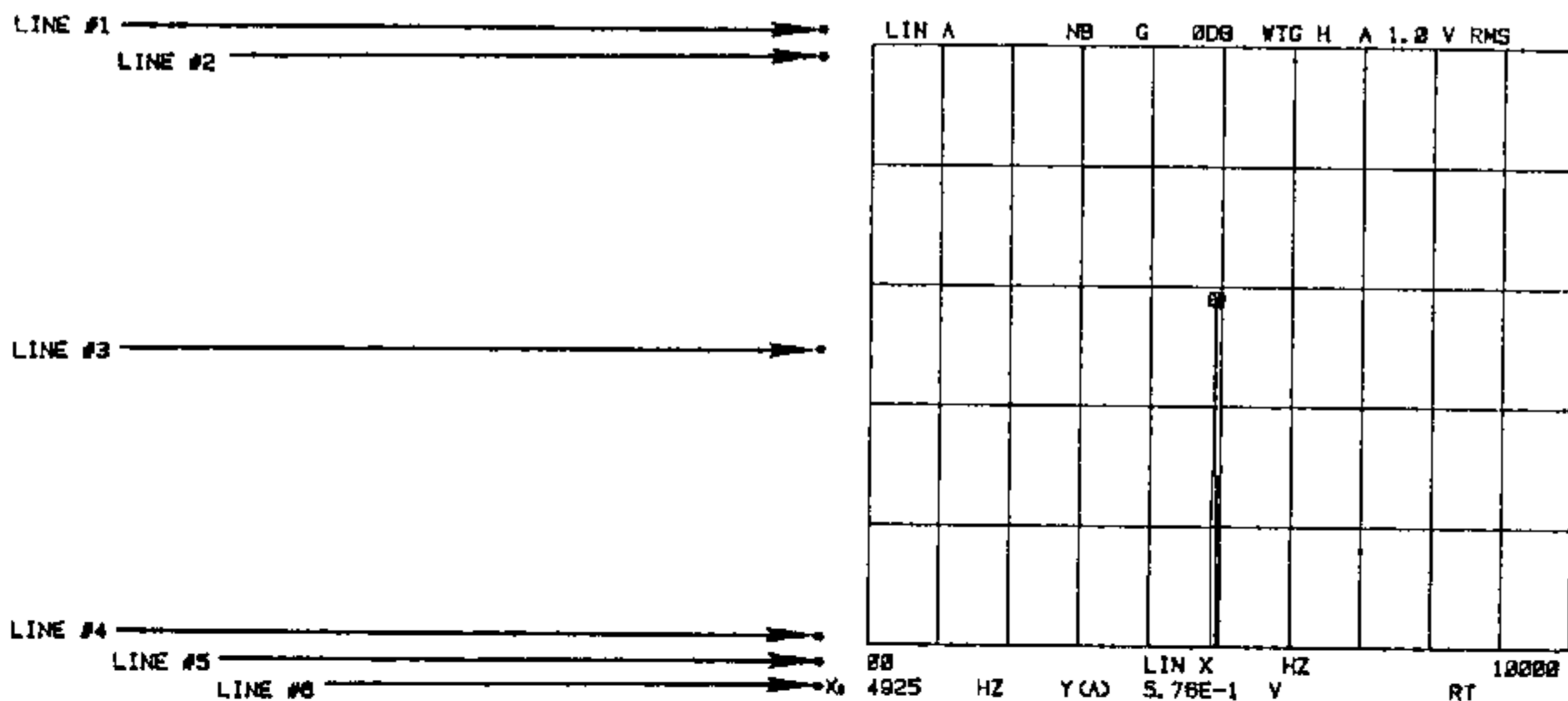
There are 15 lines available for text entry on all the menus. The menu titles on all the menus start on line 1. The first menu item on all the menus appears on line 3. An example of the line number locations for text entry in the menu mode is on the next page.

Display Mode

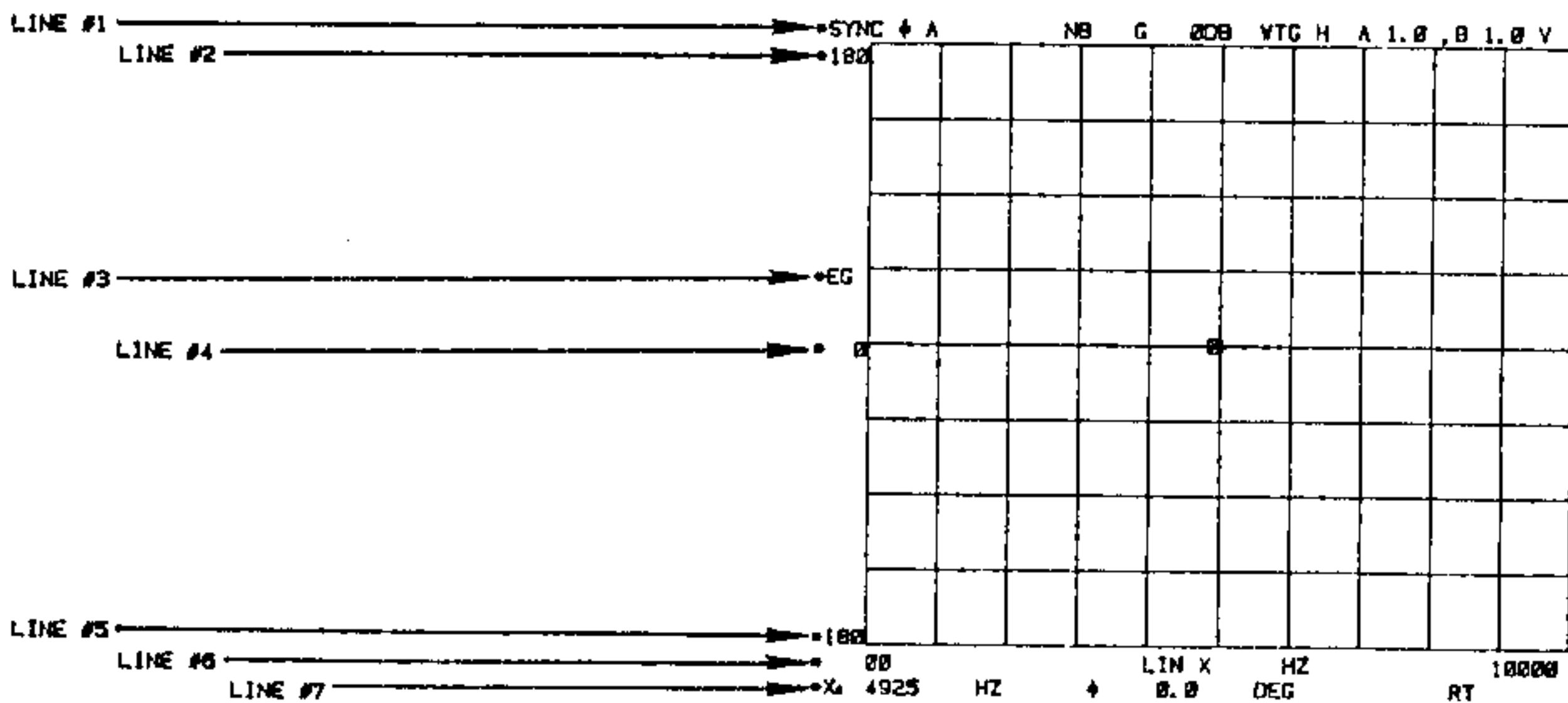
The number of lines available, and their locations, varies with the type of display and Y axis distribution. Single trace displays have 6 or 7 lines available, depending on the function selected (SPECT, TF, POWER TIME and STAT) and Y axis distribution (LIN or LOG). Dual trace displays have 11, 12 or 13 lines available, depending upon the type of dual trace and, also, the function selected and Y axis distribution. Some examples of line number locations for each display variation are shown on the next three pages.

LINE #	SPECTRUM MENU
LINE #1	
LINE #2	
LINE #3	• 1. SPECT A & B
LINE #4	2. GAA & GBB
LINE #5	3. RATIO
LINE #6	4. SPECT B-A
LINE #7	5. GBB - GAA
LINE #8	6. SPECT B+A
LINE #9	7. GBB + GAA
LINE #10	8. SPECT A & ZOOM A
LINE #11	9. SPECT B & ZOOM B
LINE #12	10 SYNC SPECT A & B
LINE #13	11 SYNC SPECT A & ϕ
LINE #14	12 SYNC SPECT B/A & ϕ
LINE #15	13 EQUALIZED RATIO

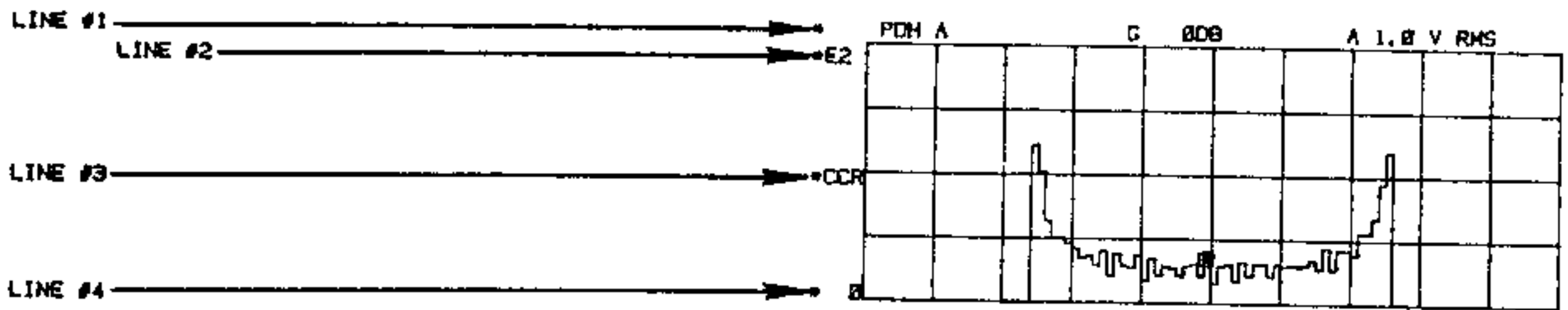
Menu Example With Line Number Locations



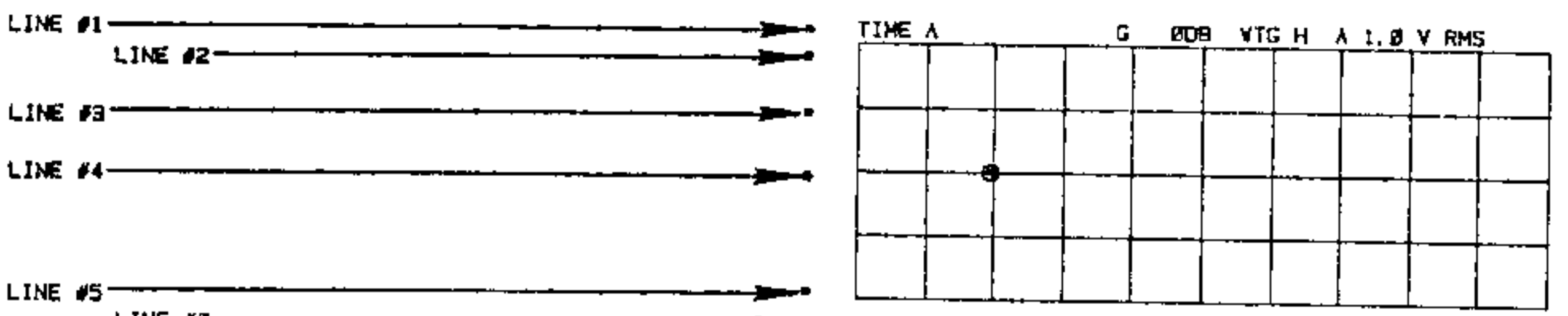
Single Trace - Six Lines



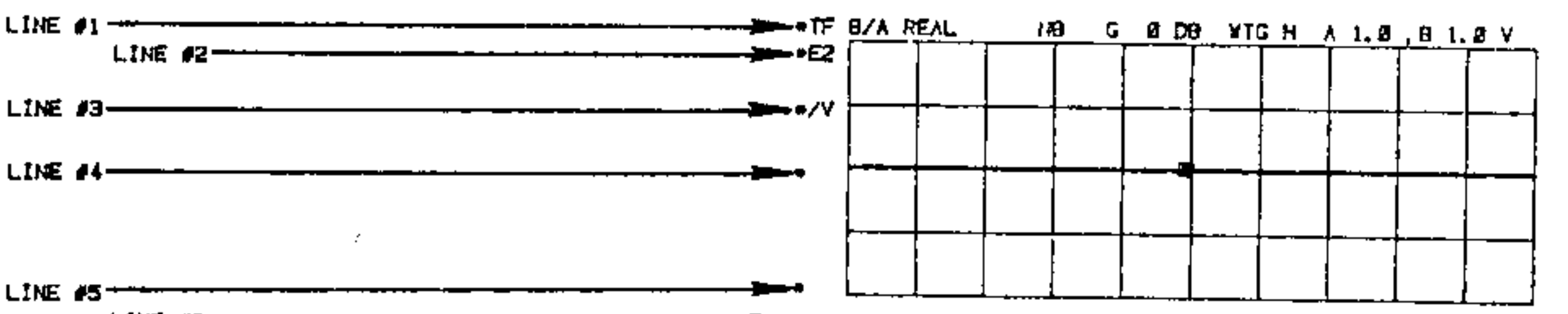
Single Trace - Seven Lines



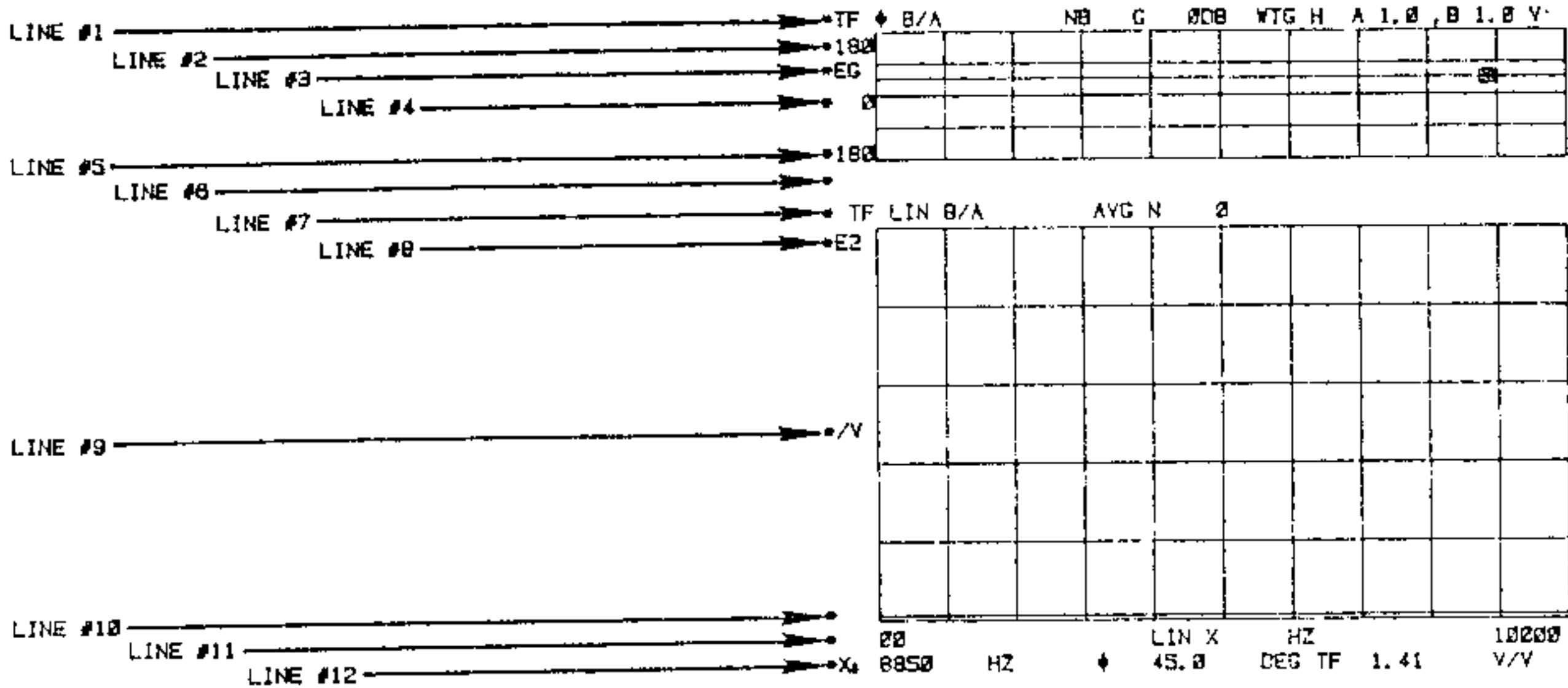
Dual Trace (Even) - Eleven Lines



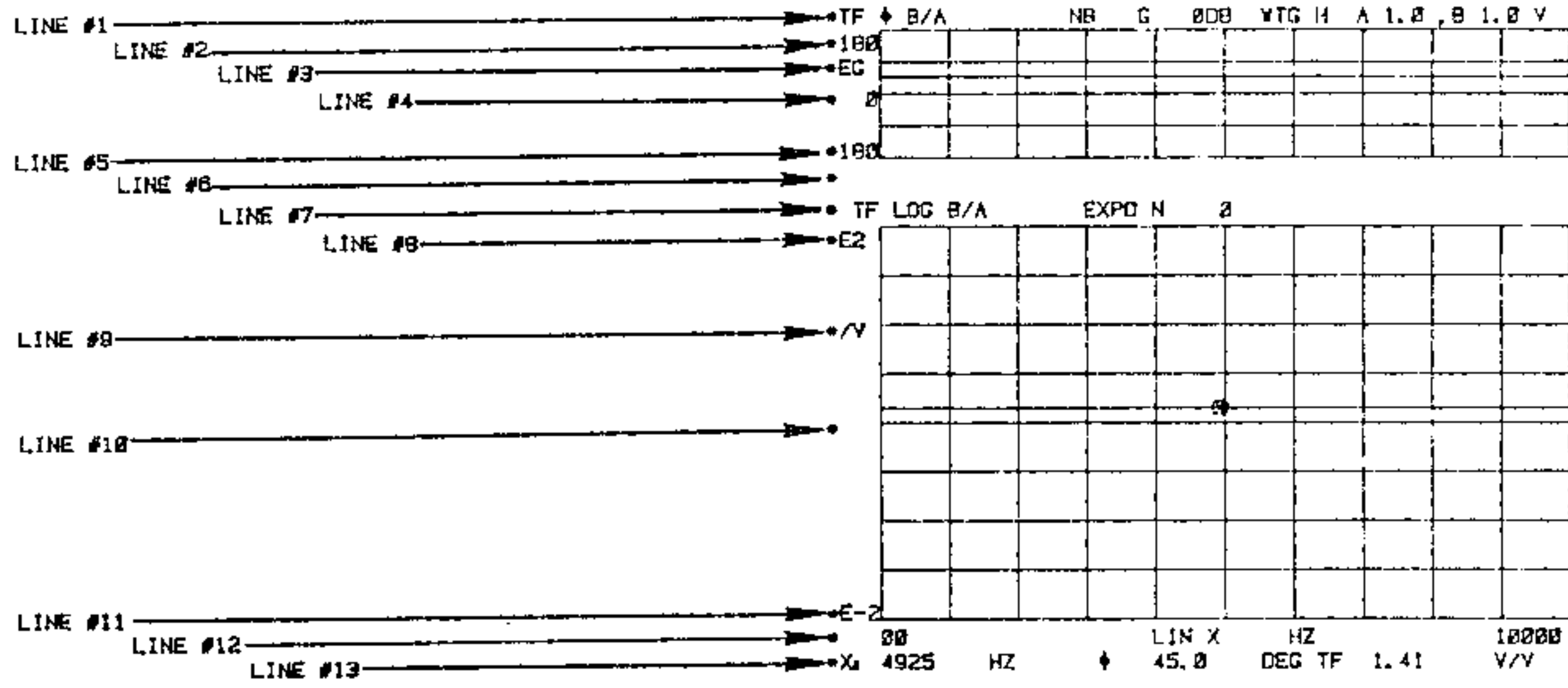
Dual Trace (Even) - Twelve Lines



Dual Trace (Even) - Thirteen Lines



Dual Trace (Odd) - Twelve Lines



Dual Trace (Odd) - Thirteen Lines