... FRAME THICKNESS

PURPOSE
Specifies the thickness of the plot frame on subsequent plots.

DESCRIPTION
The frame is the 4-sided box which surrounds the usual 2-dimensional plot. The analyst can control the thickness of each or all of the sides of the frame by specifying the prefix in the command (see the SYNTAX section below). The thickness is specified in the vertical DATAPLOT 0 to 100 units and typically has a value between 0.05 and 0.3.

SYNTAX
<prefix>FRAME THICKNESS <thickness>

where <prefix> is as follows:

no prefix	refers to all 4 sides;
the prefix X	refers to both horizontal sides;
the prefix Y	refers to both vertical sides;
the prefix X1	refers to the lower horizontal side;
the prefix X2	refers to the upper horizontal side;
the prefix Y1	refers to the left vertical side;
the prefix Y2	refers to the right vertical side;

and   <thickness> is a number or parameter that specifies the desired line thickness.

EXAMPLES
FRAME THICKNESS 0.1
FRAME THICKNESS 0.2
FRAME THICKNESS
X2FRAME THICKNESS 0.3
Y2FRAME THICKNESS 0.1

NOTE 1
A ...FRAME THICKNESS command with no arguments sets the default. Thus X1FRAME THICKNESS with no arguments sets the bottom horizontal frame line thickness to 0.1. A ...FRAME THICKNESS command with no prefix refers to all 4 sides. Thus FRAME THICKNESS 0.1 sets the frame line thickness to 0.1 on all 4 sides. FRAME THICKNESS with no prefix and no arguments reverts the frame thickness settings on all 4 sides to the default.

NOTE 2
Normally all frame lines are set to the same thickness, so the most common form of this command is FRAME THICKNESS with no prefix.

DEFAULT
All frame lines use the default thickness (0.1).

SYNONYMS
None

RELATED COMMANDS
PLOT	=	Generates a data or function plot.
FRAME	=	Sets the on/off switch for the plot frame.
FRAME COLOR	=	Sets the color for the plot frame.
FRAME COORDINATES	=	Sets the location for the plot frame.
FRAME PATTERN	=	Sets the pattern for the plot frame.
LEGEND THICKNESS	=	Sets the thicknesses for plot legends.
BOX THICKNESS	=	Sets the thicknesses for plot boxes.
ARROW THICKNESS	=	Sets the thicknesses for plot arrows.
SEGMENT THICKNES	=	Sets the thicknesses for plot segments.

APPLICATIONS
Presentation Graphics

IMPLEMENTATION DATE
        Pre-1987

PROGRAM
        LET LEAD = DATA ...
                164 426 59 98 312 263 607 497 213 54 160 262 547 325 419 94 70
        LET POT = DATA ...
                106 175 61 79 94 121 424 328 107 218 140 179 246 231 245 339 99
        .
        TITLE DEMONSTRATE FRAME THICKNESS COMMAND
        TITLE SIZE 5
        FRAME THICKNESS 0.4
        X1LABEL LEAD
        Y1LABEL POTASSIUM
        CHARACTER CIRCLE
        CHARACTER SIZE 1.5
        LINE BLANK ALL
        PLOT POT VS LEAD