

... TIC MARK LABEL DECIMALS**PURPOSE**

Specifies the number of digits to the right of the decimal for the tic mark labels on subsequent plots.

DESCRIPTION

This command is typically used to generate tic mark labels that line up neatly for presentation quality graphics.

SYNTAX

<prefix>TIC MARK LABEL DECIMALS <decimal>

where <prefix> is one of the following:

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

and <decimal> is a number or parameter that specifies the desired number of digits to the right of the decimal point.

EXAMPLES

```
TIC MARK LABEL DECIMALS 2
TIC MARK LABEL DECIMALS 0
TIC MARK LABEL DECIMALS 1
X2TIC MARK LABEL DECIMALS 3
Y2TIC MARK LABEL DECIMALS 2
```

NOTE

A ...TIC MARK LABEL DECIMALS command with no arguments reverts the setting to default; thus X1TIC MARK LABEL DECIMALS with no arguments reverts the bottom horizontal tic label decimal places to data dependent. A ...TIC MARK LABEL DECIMALS command with no prefix refers to all 4 sides; thus TIC MARK LABEL DECIMALS 2 sets tic mark label decimal places to 2 for all 4 frame lines. TIC MARK LABEL DECIMALS with no prefix and no arguments reverts the tic label decimal settings on all 4 sides to default.

DEFAULT

The number of decimals is data dependent.

SYNONYMS

TIC LABEL DECIMALS, TICS LABEL DECIMALS, and TICS MARK LABEL DECIMALS are synonyms for TIC MARK LABEL DECIMALS, as in TIC LABEL DECIMALS 2 and X2TIC LABEL DECIMALS 2.

RELATED COMMANDS

TIC MARK LABEL	=	Specifies whether or not tic mark labels are drawn.
TIC MARK LABEL ANGLE	=	Sets the angle for tic labels.
TIC MARK LABEL CASE	=	Sets case for tic labels.
TIC MARK LABEL COLOR	=	Sets the color for tic labels.
TIC MARK LABEL CONTENTS	=	Specify alphanumeric values for tic labels.
TIC MARK LABEL DIRECTION	=	Sets the direction (horizontal/ vertical) for TIC MARK labels.
TIC MARK LABEL DISPLACEMENT	=	Sets the distance between tic labels and the frame.
TIC MARK LABEL FONT	=	Sets the font for tic labels.
TIC MARK LABEL FORMAT	=	Sets the format (alphanumeric, power of 10, exponential) for tic labels.
TIC MARK LABEL HW	=	Sets the height and width for tic labels.
TIC MARK LABEL JUSTIFICATION	=	Sets the justification for tic labels.
TIC MARK LABEL SIZE	=	Sets the height for tic labels.
TIC MARK LABEL THICKNESS	=	Sets the line width for tic labels.

APPLICATIONS

Presentation Graphics

IMPLEMENTATION DATE

Pre-1987

PROGRAM

```
SKIP 25
READ BERGER1.DAT X Y BATCH
.
LINE BLANK DASH
CHARACTER X BLANK
YTIC LABEL DECIMALS 2
XTIC LABEL DECIMALS 1
XTIC OFFSET 0.2 0.2
.
YLABEL SLOPE
XLABEL SAMPLE ID
TITLE AUTOMATIC
TITLE SIZE 5
.
LINEAR SLOPE PLOT Y X BATCH
```

