... TIC MARK POSITION

PURPOSE
Specifies the position for tic marks on subsequent plots.

DESCRIPTION
The available choices are:

1. inside the frame;

2. outside the frame;

3. through the frame.

SYNTAX
<prefix>TIC MARK POSITION <INSIDE/OUTSIDE/THROUGH>

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   INSIDE specifies that tics are inside the frame, OUTSIDE specifies that tics are outside the frame, and THROUGH specifies that tics are through the frame.

EXAMPLES
TIC MARK POSITION INSIDE
TIC MARK POSITION OUTSIDE
TIC MARK POSITION
X2TIC MARK POSITION THROUGH
Y2TIC MARK POSITION INSIDE

NOTE 1
It is rare to assign different positions to tic marks on the 4 different sides. Whatever position is chosen for one side is invariably chosen for all sides. The most common form (by far) for this command is the first one (with no prefix) which defines the position uniformly for tic marks on all 4 frame sides.

NOTE 2
A ...TIC MARK POSITION command with no arguments reverts the setting to default; thus X1TIC MARK with no arguments reverts the bottom horizontal tic marks position to outside. A ...TIC MARK POSITION command with no prefix refers to all 4 sides; thus TIC MARK POSITION INSIDE sets the tic mark position to inside on all 4 sides. TIC MARK POSITION with no prefix and no arguments reverts the tic position settings on all 4 sides to default.

DEFAULT
All tic marks are positioned outside the frame.

SYNONYMS
TIC POSITION, TICS POSITION, and TICS MARK POSITION are synonyms for TIC MARK POSITION. INSIDE, OUTSIDE, and THROUGH can be written as IN, OUT, and THRU respectively.

RELATED COMMANDS
TIC MARK	=	Specifies whether or not tics are drawn.
TIC MARK COLOR	=	Sets the color for tic marks.
TIC MARK OFFSET	=	Sets the offset for the first and last tic marks.
TIC MARK SIZE	=	Sets the size of tic marks.
TIC MARK THICKNESS	=	Sets the thickness of tic marks.

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 AUTOMATIC
   TITLE SIZE 5
   MULTIPLOT 2 2; MULTIPLOT CORNER COORDINATES 0 0 100 100
   X1LABEL LEAD
   Y1LABEL POTASSIUM
   LINE BLANK ALL
   CHARACTER CIRCLE
   CHARACTER FILL ON
   TIC POSITION OUTSIDE
   .
   PLOT POT LEAD
   TIC POSITION INSIDE
   PLOT POT LEAD
   TIC POSITION THRU
   PLOT POT LEAD
   X1TIC POSITION INSIDE
   Y1TIC POSITION OUTSIDE
   PLOT POT LEAD
   END OF MULTIPLOT