

ACTION / DESCRIPTION

1. Press the Timebase menu key.
2. Select the time/div parameter with the top softkey, if it is not already selected.

You can always tell when a numeric parameter is selected because its background is brighter than the others in the column.

3. Rotate the knob to set the time/div to $5.0\ \mu\text{s}$ or use the Entry keypad to enter $5.0\ \mu\text{s}$.

You can see one series of pulse width results going from the minimum value to the maximum value.

4. Press the Stop/Single key.

The Analyzer will complete the measurement acquisition in progress and then stop. This makes it easier to analyze the data.

5. Press the Display menu key.

6. Set Connect to Off using the softkey.

The lines connecting the data points are erased.

7. Set the background to Frame using the softkey second from the top.

Things for you to try...

Go to the Markers menu and use the Time markers to measure between data points. (All values here are approximate.)

Minimum = $1\ \mu\text{s}$. Maximum = $5.78\ \mu\text{s}$. Use a T1 marker to indicate the value of each pulse width. Minimum pulse width = $450\ \text{ns}$, Maximum pulse width = $3.25\ \mu\text{s}$. Now to see how this data is summarized in a histogram, turn the page.

8. Press the Run key before continuing.

