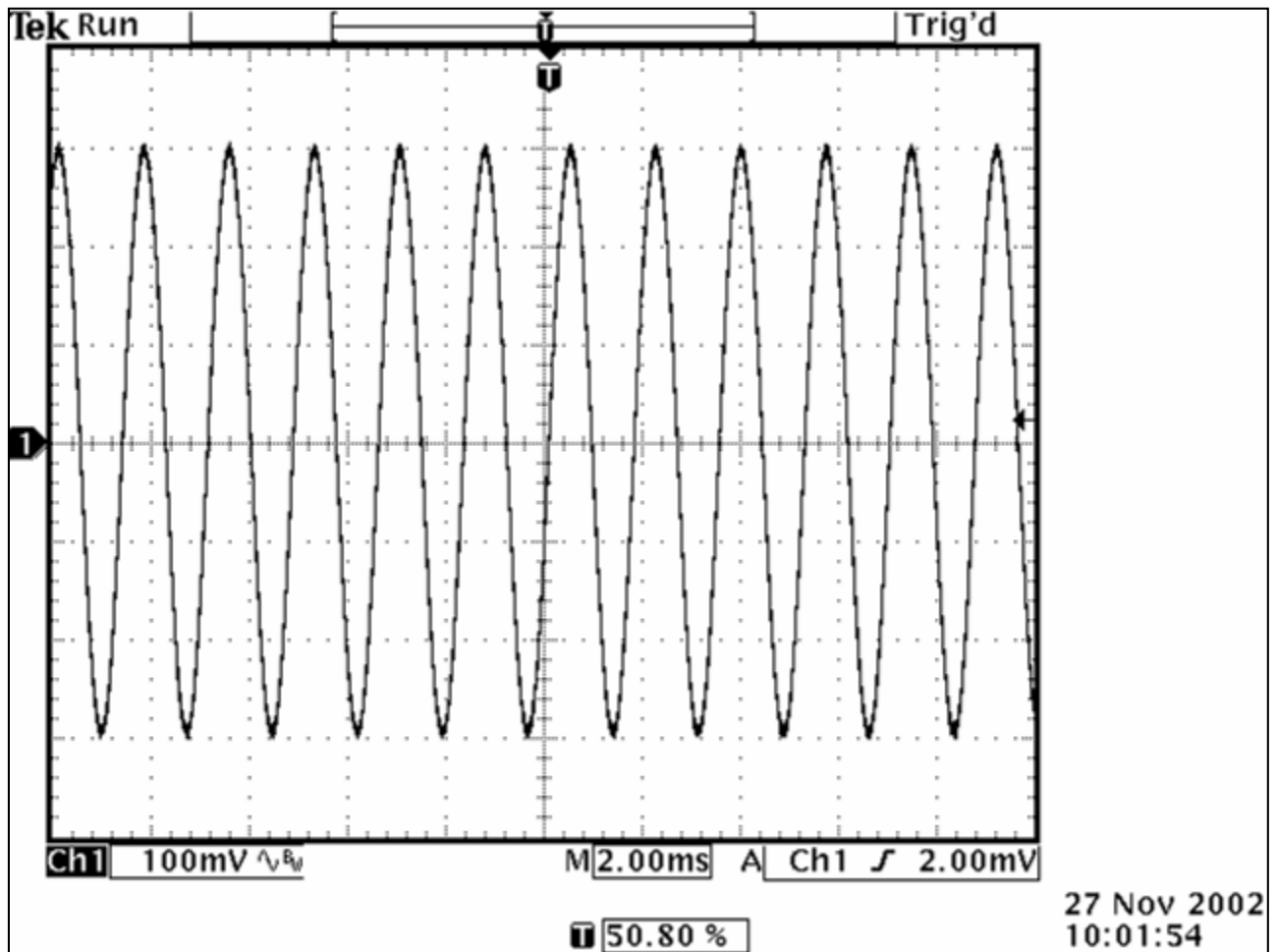


### Oscilloscope Display #1:



Always include UNITS.

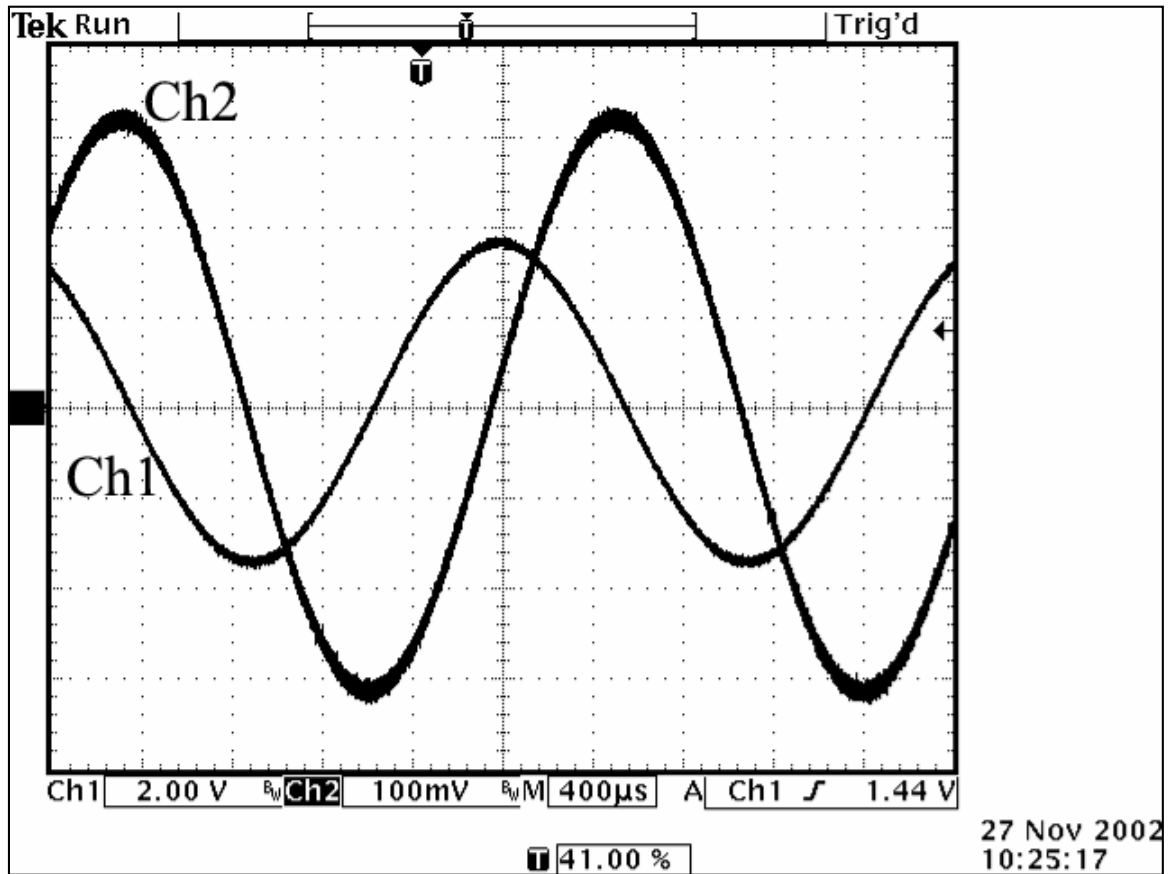
Vertical scale is  $100\text{mV}$  per division.

Waveform peak-to-peak is:  $6 \text{ div's} @ 100\text{mV} = 600\text{mV}$ .

Waveform period is:  $9.6 \text{ div's} @ 2\text{ms} / 11 \text{ cycles} = 1.75 \text{ ms}$ .

Waveform frequency is:  $f = 1/T = 1/(1.75 \text{ ms}) = 573 \text{ Hz}$ .

## Oscilloscope Display #2:



Vertical scale for Ch1 is  $2.00 \text{ V}$  per division.

Vertical scale for Ch2 is  $100 \text{ mV}$  per division.

Ch1 waveform peak-to-peak is:  $\text{about } 3.4 \text{ div's @ } 2 \text{ V} = 6.8 \text{ V}$ .

Ch2 waveform peak-to-peak is:  $\text{about } 6.4 \text{ div's @ } 100 \text{ mV} = 640 \text{ mV}$ .

Ch1 leads Ch2 by this amount of time:

$\text{about } 1.3 \text{ div's @ } 400 \mu\text{s} = 520 \mu\text{s}$ .