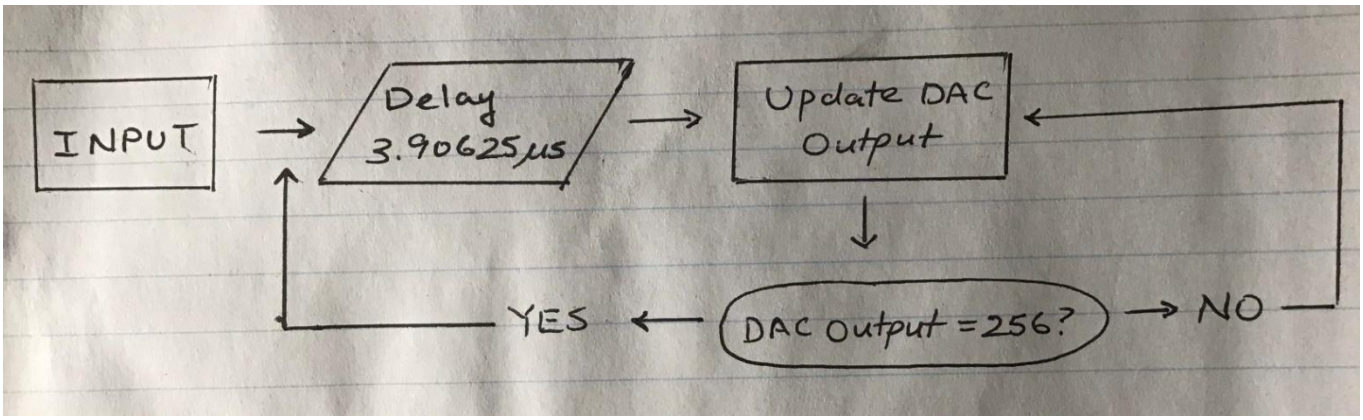
Triangle Waveform Flow Chart

$$f = 1kHz \rightarrow T = \frac{1}{f} = \frac{1}{1kHz} = 1ms$$

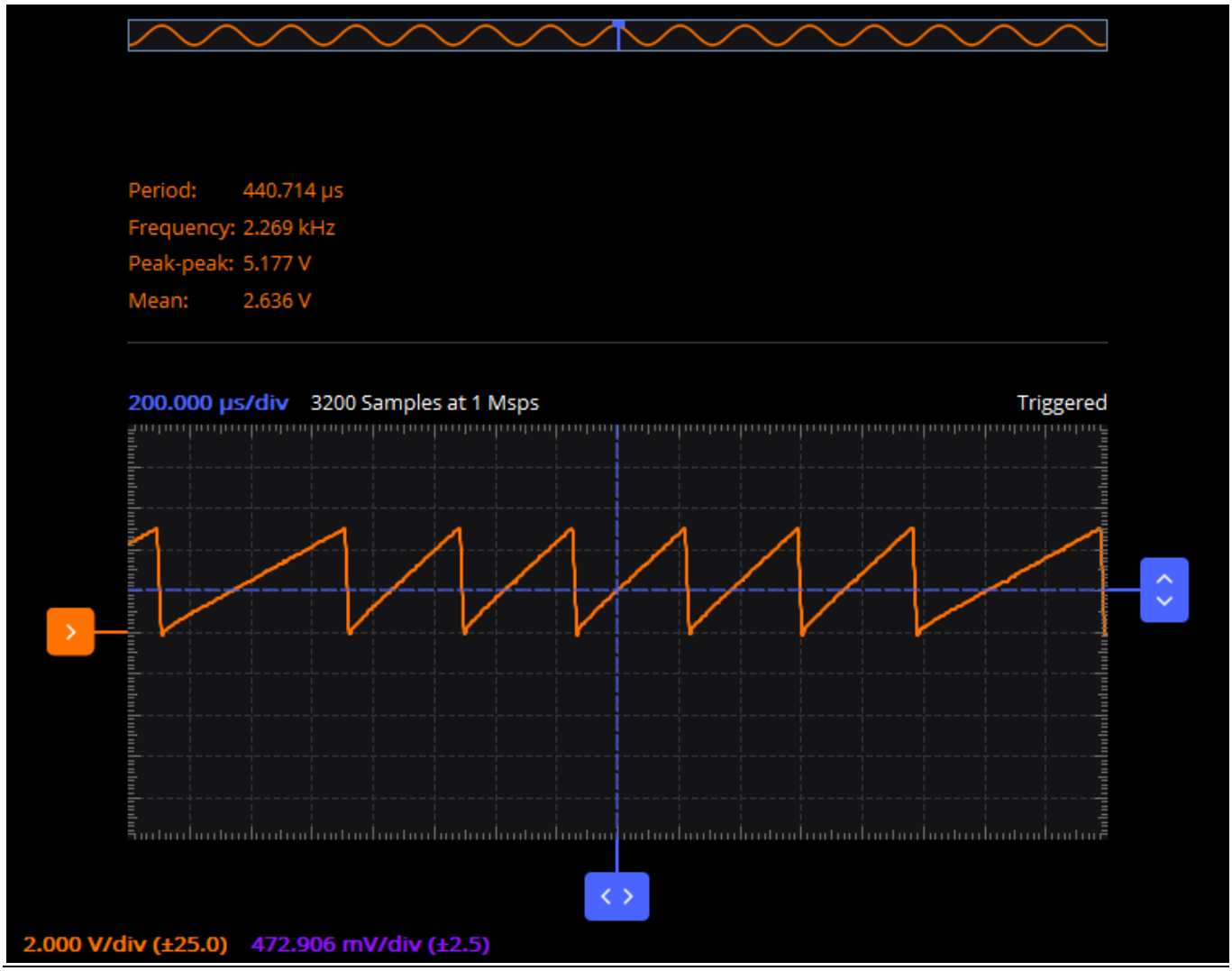
A total period of 1ms is required across 256 DAC output levels

$$\therefore \frac{1ms}{256} = 3.90625\mu s$$

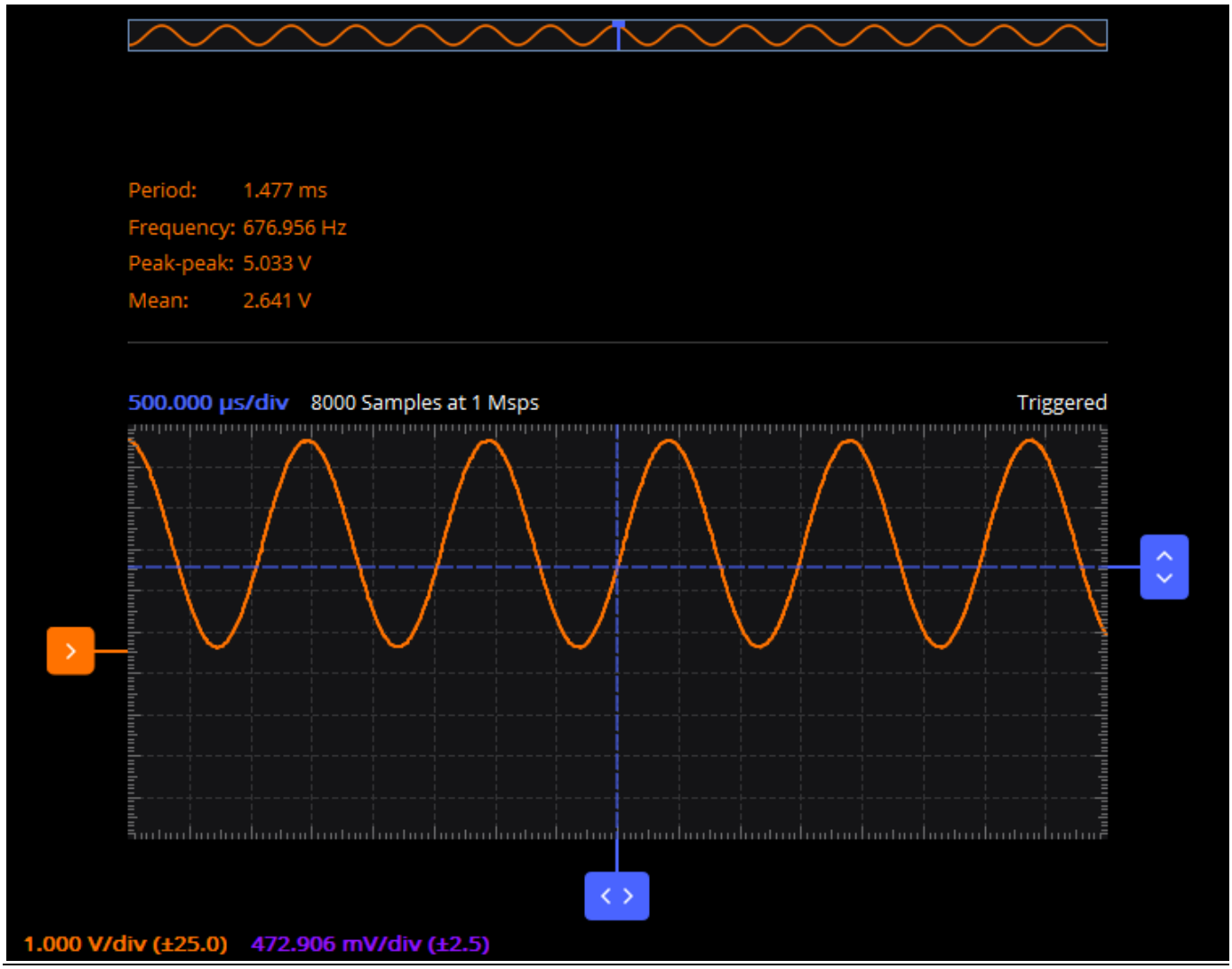
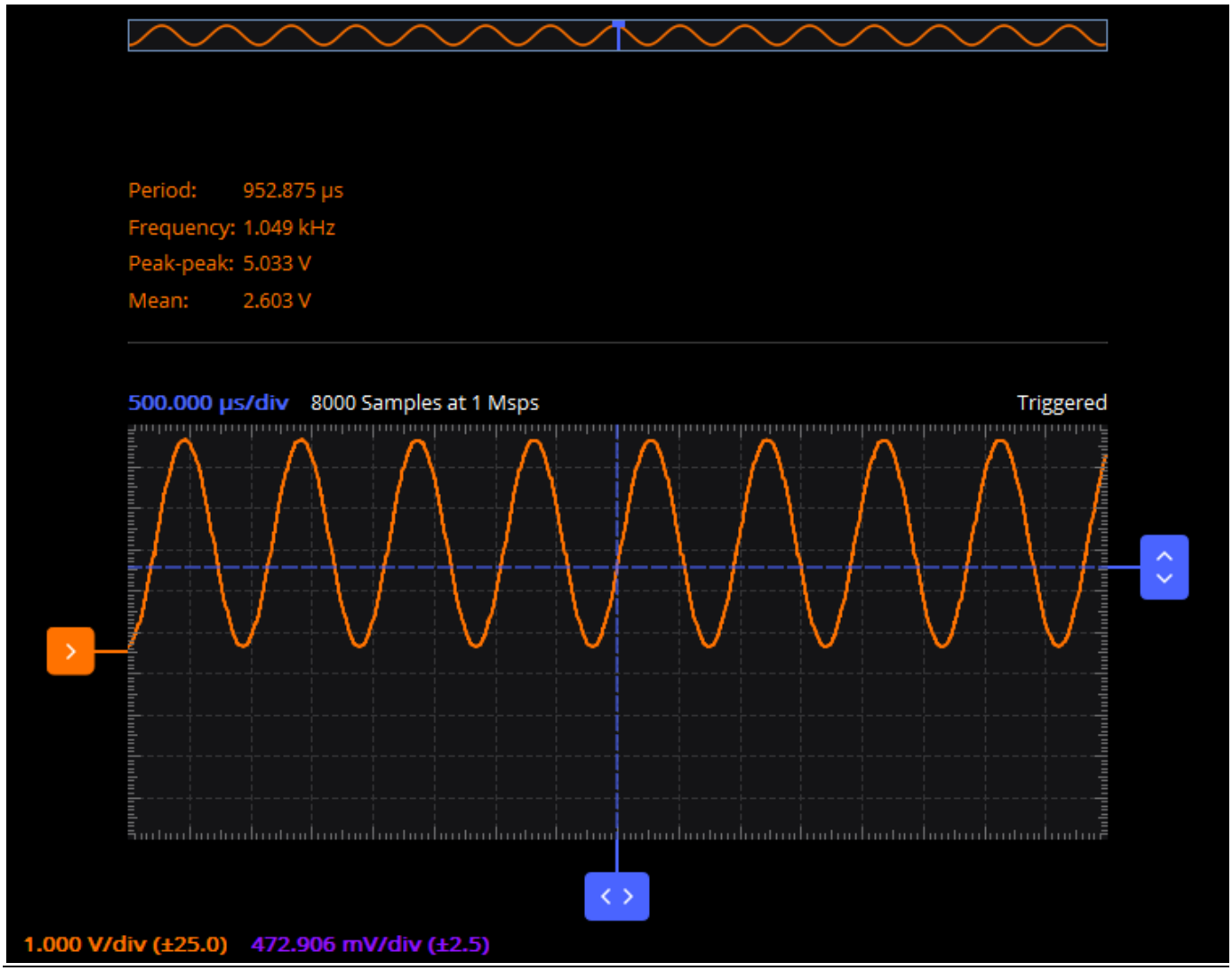


Scopy Triangle Waveform

Scopy Sawtooth Waveform



Scopy Sine Waveform



Scopy Sine Waveform (1kHz)