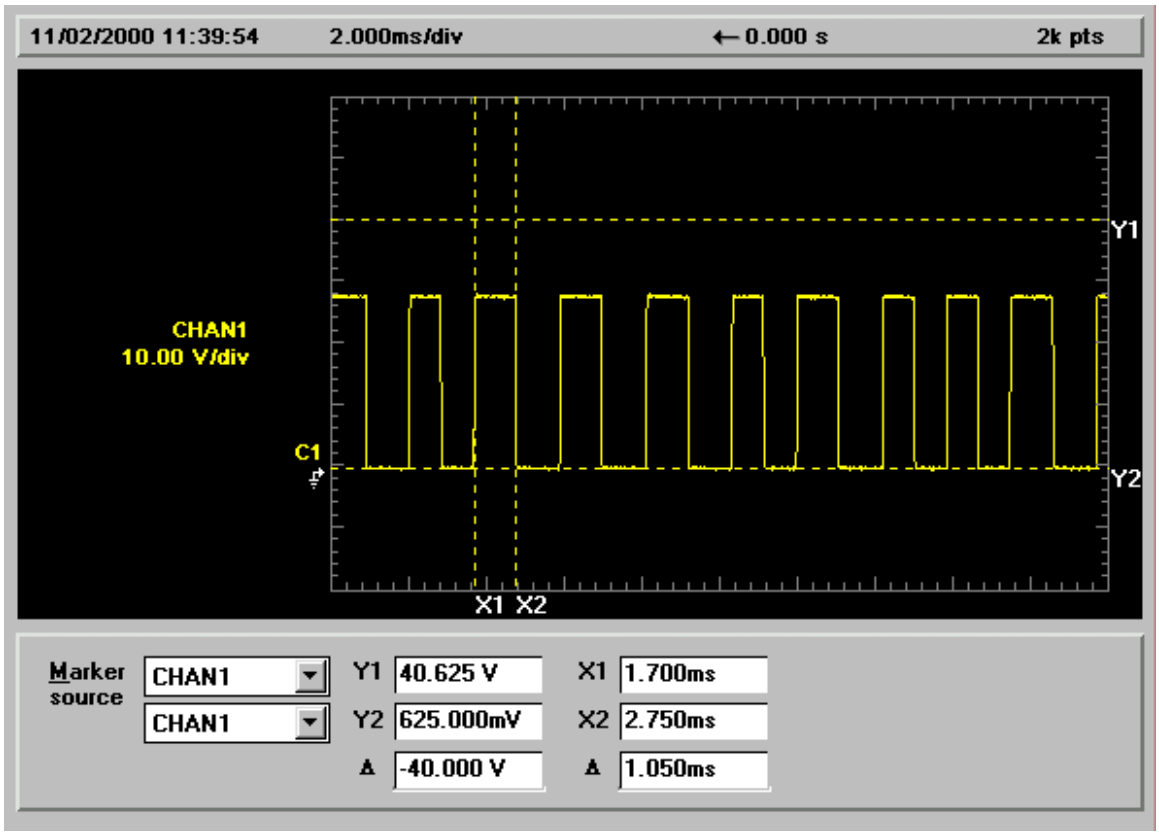
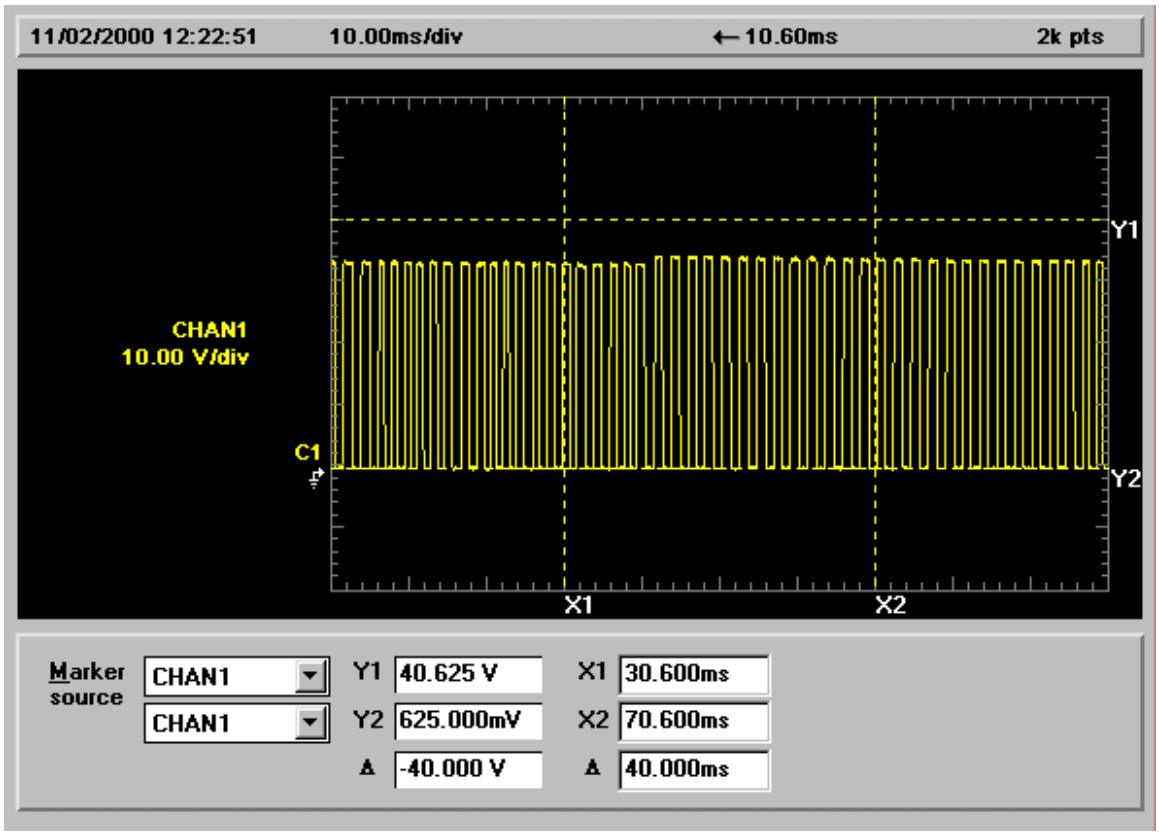
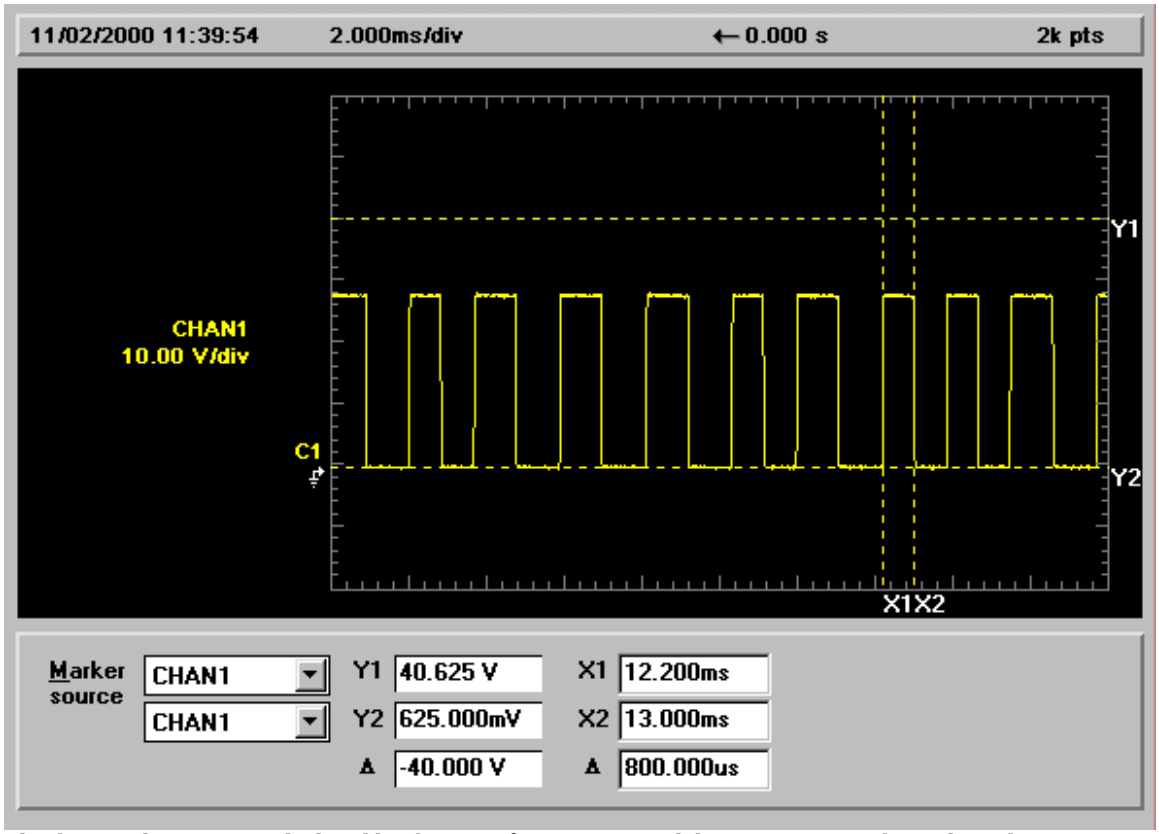

11/02/2000 11:39:54
2.000ms/div
← 0.000 s
2k pts
CHAN1
10.00 V/div
C1
Y1
Y2
X1 X2
Marker source
CHAN1
CHAN1
Y1 40.625 V
Y2 625.000mV
Δ -40.000 V
X1 1.700ms
X2 2.750ms
Δ 1.050ms


11/02/2000 12:22:51
10.00ms/div
←10.60ms
2k pts
CHAN1
10.00 V/div
C1
Y1
Y2
X1
X2
Marker source
CHAN1
CHAN1
Y1 40.625 V
Y2 625.000mV
Δ -40.000 V
X1 30.600ms
X2 70.600ms
Δ 40.000ms



The duty cycle is 50% as declared by the manufacturer in in exhibit MS30-053. The wider pulse is 1.05 msec wide and the narrower pulse is 0.8 msec wide. There are 48 pulses in the 100 msec span depicted above, it is hard to differentiate between wide and narrow. If all were assumed to be wide, which they are not, the duty cycle would be 48*1.05/100, or 50.4%. The previous test report calculation of duty cycle was based on a 20 msec sampling, and did not catch any of the narrower pulses, thus the 51.6% number.