

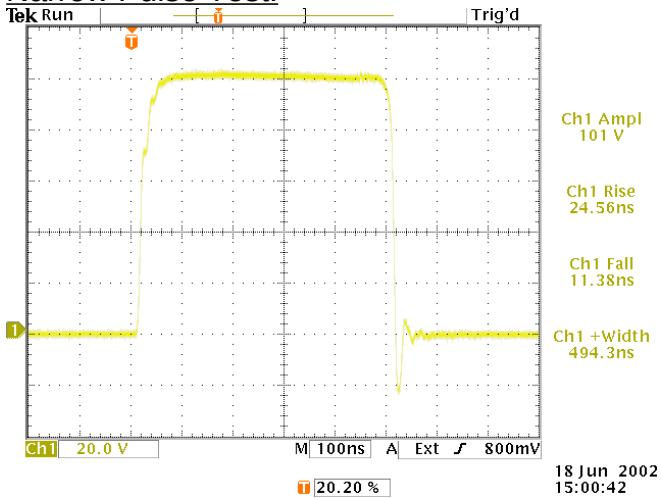
PULSE GENERATOR  
PERFORMANCE CHECK

Model: AVOZ-A3-B-P

S.N.: 10284

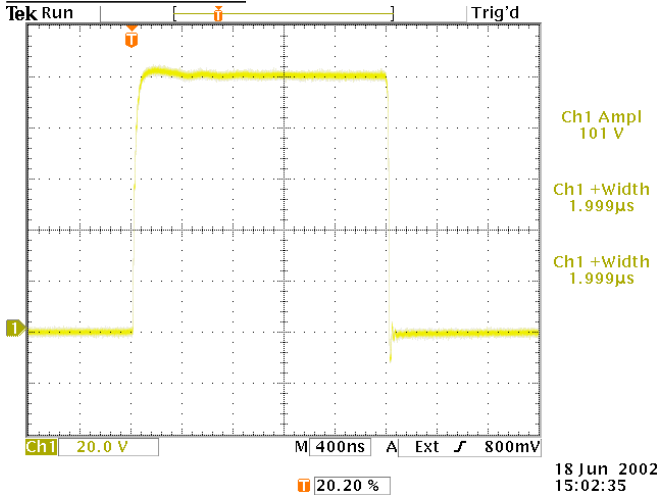
Date: June 18, 2002

Narrow Pulse Test:



20V/div, 100 ns/div.  
+100V amplitude, 500 ns pulse width, to  $R_L = 1.56 \Omega$

Wide Pulse Test:



20V/div, 400 ns/div.  
+100V amplitude, 2 us pulse width, to  $R_L = 0.94 \Omega$

a) Output Signal Amplitude: 0 to +100 V to  $\geq 1.0 \Omega$  (i.e., 0 to +100 Amps)

b) Pulse Width: 50 ns - 2  $\mu$ s (maximum duty cycle 0.1%)

c) Rise Time:  $\leq 30$  ns (20-80%)

d) Fall Time:  $\leq 30$  ns (80-20%)

e) PRF: 0 - 20 kHz (maximum duty cycle 0.1%)

f) Jitter, Stability: OK

g) Prime Power: 120/240V AC, 50-60 Hz,