

PULSE GENERATOR

PERFORMANCE CHECK

Model: AV02-B1-C-P

S.N.: 8999

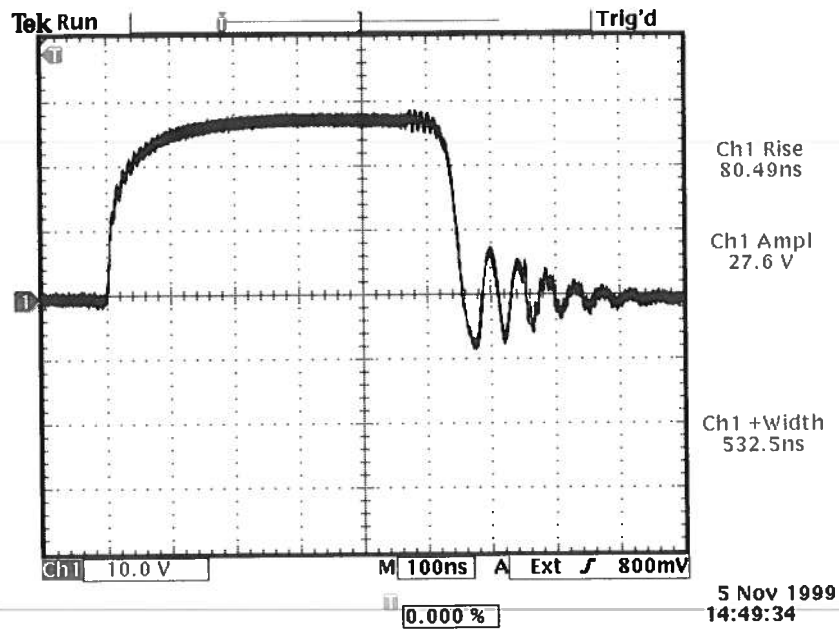
Date: NOV 5 1999.

- a) Output signal amplitude:
0 TO +20 VOLTS TO
 $R_L \geq 0.1 \Omega$ (200 AMPs MAX)
- b) Pulse width:
50 TO 500 NS.
- c) Rise time:
(0.25% MAX DUTY CYCLE)
 ≤ 100 NS
- d) Fall time:
 ≤ 30 NS
- e) PRF: 0 TO 20 KHz
(0.25% MAX DUTY CYCLE)
- f) Jitter, stability:
OK
- g) Prime power: 120/240V
50-60 Hz



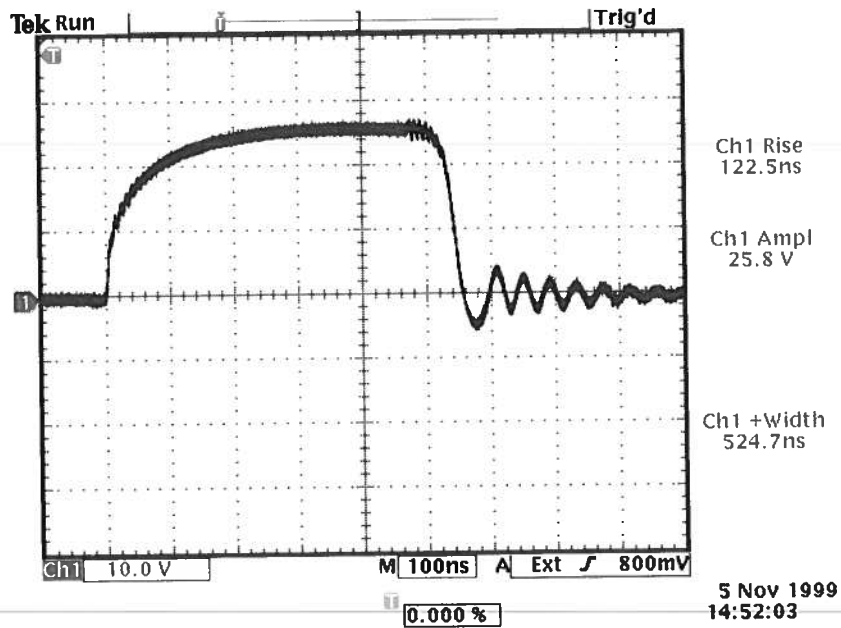
SN 8999

$R_L = 0.47\Omega$, $I_p = 59 \text{ Amps}$



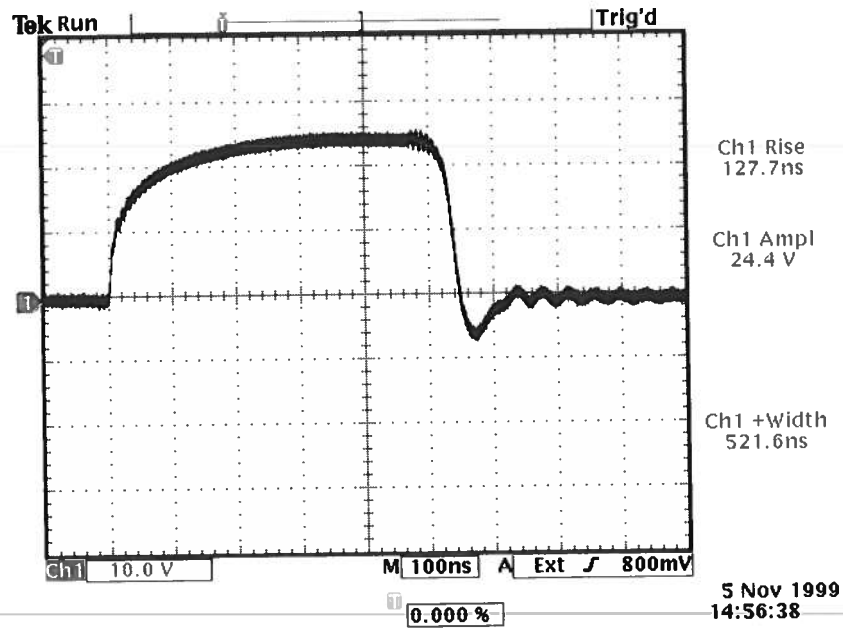
SN 8999

$R_c = 0.236 \Omega$, $I_p = 109 \text{ AMPS}$



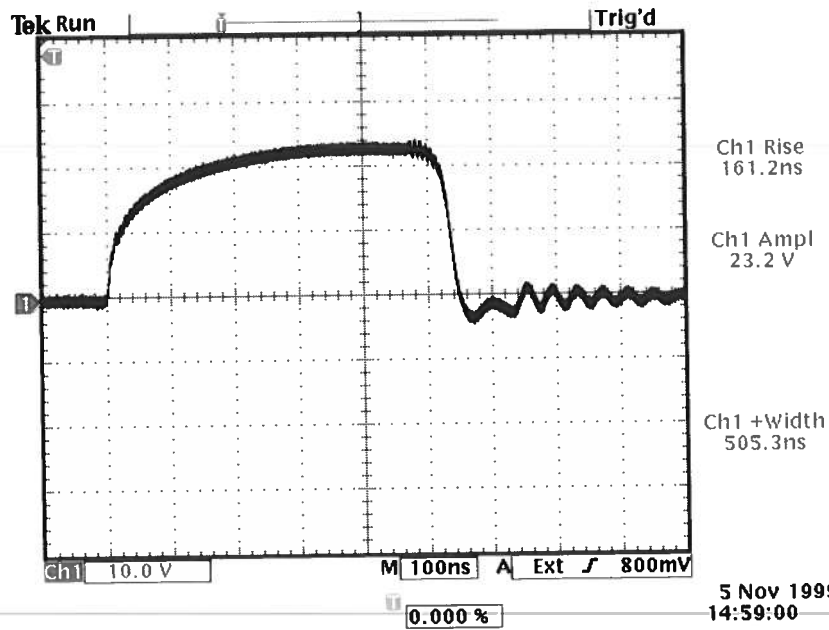
SN 8999

$R_L = 0.157 \Omega$, $I_p = 156 \text{ AmPS}$



SN = 8999

$R_L = 0.117 \Omega$, $I_p = 198 \text{ AMPS}$



SN 8999

$R_c = 0.094 \Omega$, $I_p = 230 \text{ Amps}$.

