

PULSE GENERATOR
PERFORMANCE CHECK

Model: *AVO-8C-P5-P*
S.N.: *9731*
Date: *APRIL 24 2001*

- a) Output signal amplitude:
*0 TO +40 VOLTS
(200 mAmps. max)*
- b) Pulse width:
*2 μ s TO 20 ms
(+ DC)*
- c) Rise time:
 $\leq 1 \mu$ s
- d) Fall time:
 $\leq 1 \mu$ s
- e) PRF:
0 TO 1 KHz
- f) Jitter, stability:
OK
- g) Prime power:
 - a) *120/240 V -
50-60 Hz.*
 - b) *0 TO +40V DC
 ≤ 10 TO 100 AMP
DC SUPPLY.*



99

9731

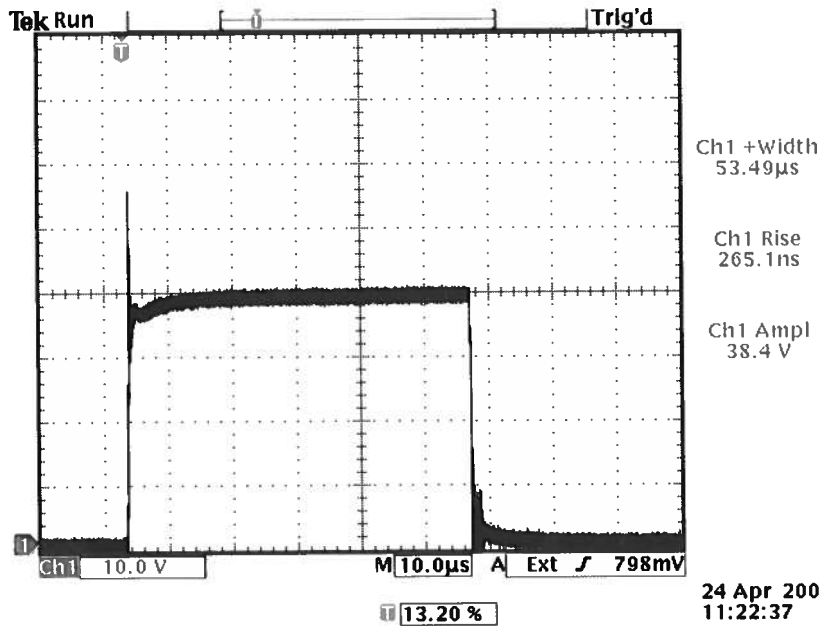
NARROW PULSE

$R_c \approx 0.2 \Omega$

$V_{DC} = 40 \text{ VOLTS}$

$R_{RT} \approx 1 \text{ K}\Omega$

LOAD VOLTAGE



ⓑ

9731

WIDE PULSE

$R_L \approx 0.2 \Omega$

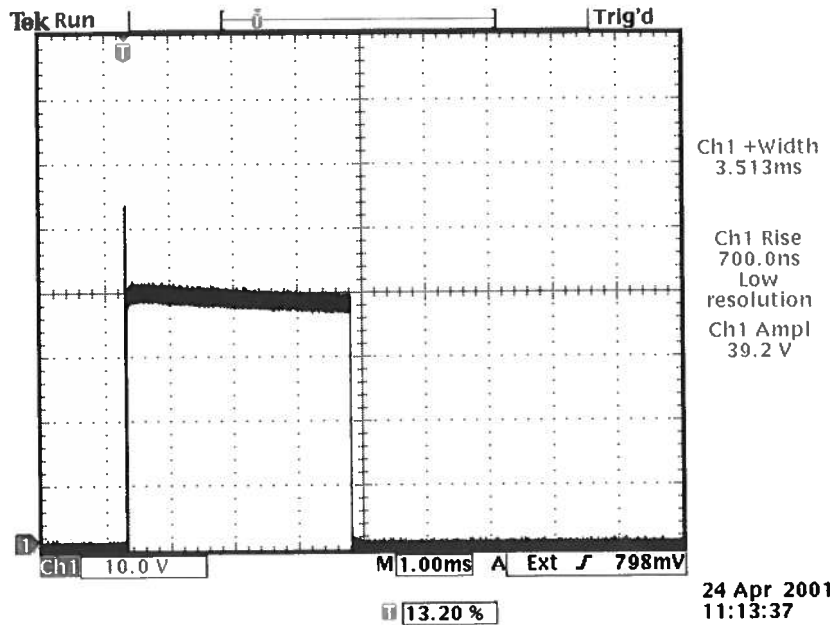
$V_{DC} = 40 \text{ VOLTS.}$

$PRF = 100 \text{ Hz}$

DUTY CYCLE $\approx 33\%$

LOAD VOLTAGE

$I_{avg} = 70 \text{ AMPS}$



ⓐ

9731

AS ⓑ BUT 20 ms/div

