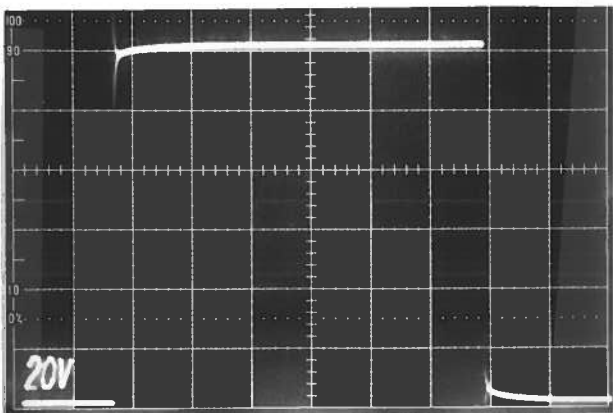


PULSE GENERATOR
PERFORMANCE CHECK

Model: *AVD-8B-C-5PA F*

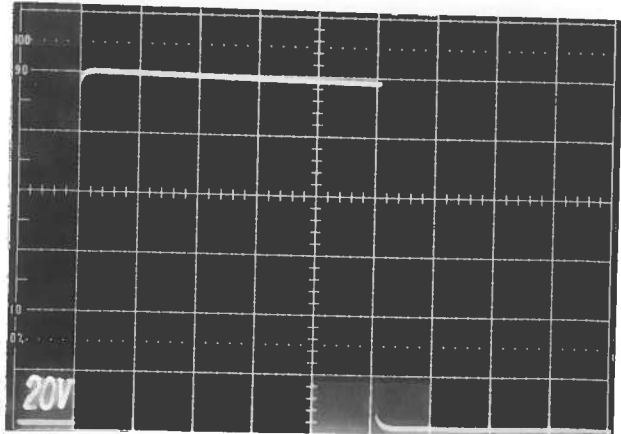
S.N.: *7081*

Date: *Jul 7 10 1994*



- a) Output signal amplitude:
0 TO +120 VOLTS TO
- b) Pulse width:
 $R_L = 1.2 \Omega$ (100 AMP MAX)
4 μ S TO DC
- c) Rise time:
 $\leq 1.0 \mu$ S
- d) Fall time:
 $\leq 1.0 \mu$ S
- e) PRF:
0 TO 1.0 KHz
- f) Jitter, stability:
OK.

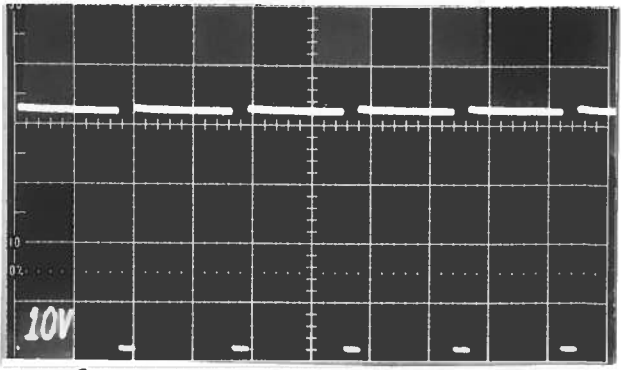
Ⓐ *$R_L = 1.0 \Omega$ 20V/DIV, 20 μ S/DIV*
 $V_{DC} \approx 122$ VOLTS.



- g) Prime power: *a) 120/240 V*
50 - 60 Hz
b) 0 TO +125 VDC
100 AMP MAX

Ⓑ *$R_L = 1.0 \Omega$ 20V/DIV, 0.2 MS/DIV*
 $V_{DC} \approx 123$ VOLTS.

A, B TAKEN WITH A
TO +150 V, 1.5 AMP POWER SUPPLY
C TAKEN WITH A
0 TO +40 V, 70 AMP POWER SUPPLY



Ⓒ *$R_L = 1.0 \Omega$, 10 V/DIV, 5.0 MS/DIV*
 $V_{DC} \approx 40$ VOLTS. DUTY CYCLE
 $\sim 25\%$.

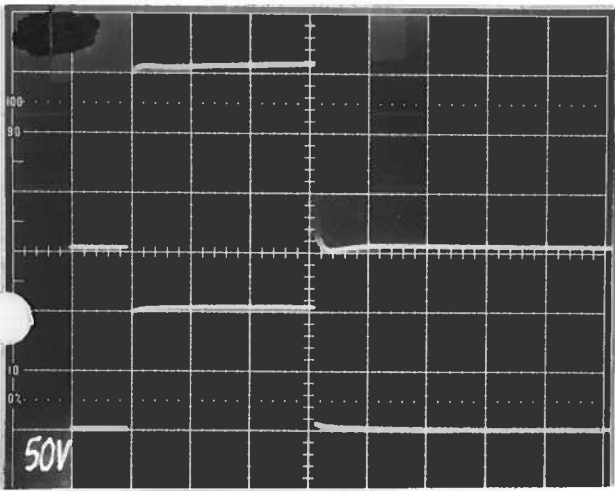
NA

PULSE GENERATOR
PERFORMANCE CHECK

Model: *AVO-8B-C-SPA-M*

S.N.: *7041*

Date: *AUG 31 94*



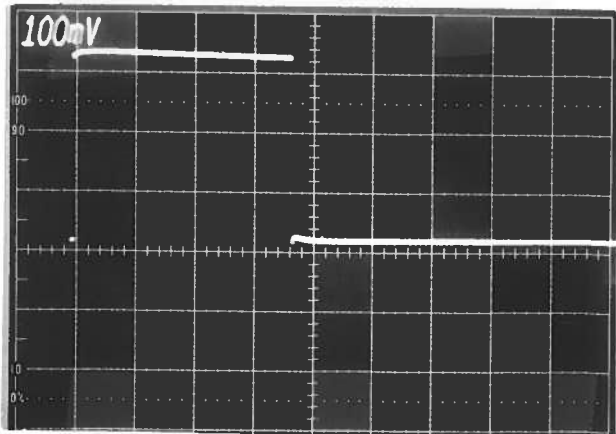
50 us/DIV

*M_{OUT} TO
R_L = 1K
1 VOLT/DIV
I_L = $\frac{3000}{30}$
= 100 AMP*

*V_{LOAD}
R_L = 1.0Ω
50 V/DIV
∴ 50 AMP/DIV*

- a) Output signal amplitude:
*0 TO +120 VOLTS TO R_L > 1.2Ω
(100 AMP MAX)*
- b) Pulse width:
4 us TO DC
- c) Rise time:
≤ 1 us
- d) Fall time:
≤ 1 us
- e) PRF:
0 TO 1.0 KHz

- f) Jitter, stability:
OK
- g) Prime power: a) *120/240 V
50-60 Hz*
b) *0 TO +125 VDC
100 AMP (MAX)*



*M_{OUT} FOR 0.5 ms/DIV
I_L = 100 AMP*