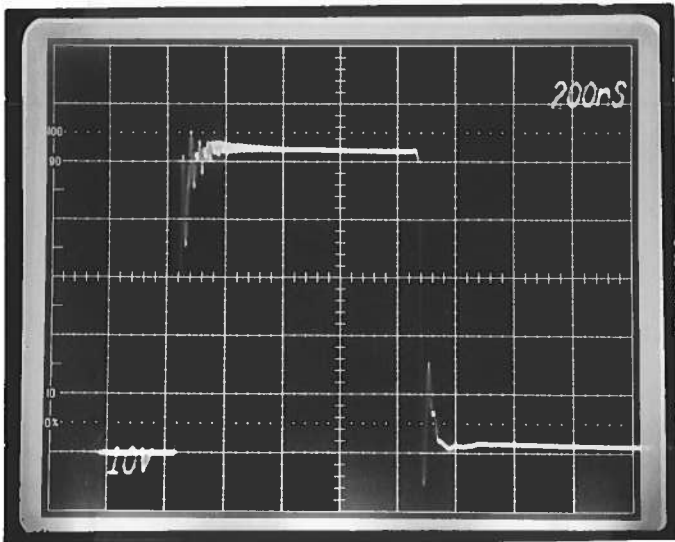


PULSE GENERATOR
PERFORMANCE CHECK

Model: AV02 - A2 - C - P

S.N.: 8005

Date: OCT 11 1994



- a) Output signal amplitude:
0 TO +50 VOLTS TO
 $R_L = 1\Omega$ (50 AMPS)
- b) Pulse width:
20 NS TO 1.0 μ S
(0.4% MAX DUTY CYCLE)
- c) Rise time:
 ≤ 10 NS
- d) Fall time:
 ≤ 10 NS
- e) PRF: 0 TO 20 KHZ
- f) Jitter, stability:
OK
- g) Prime power:

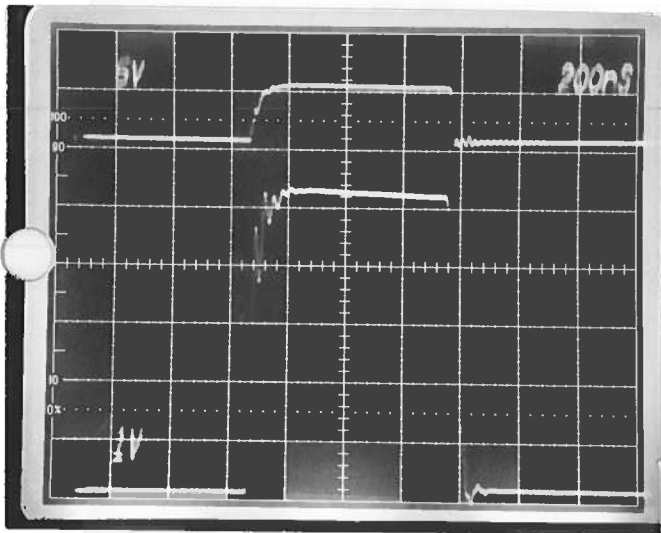
$R_L = 1.0 \Omega$
10 VOLTS / DIV
10 AMPS / DIV
PRF \equiv 2 KHZ.

120 / 240 VOLTS
50 - 60 HZ.
[Signature]

PULSE GENERATOR
PERFORMANCE CHECK

Model: AV02-A2-C-P
 S.N.: 8005 (M001)*
 Date: DEC 23 1994

* 1) M option added
 2) DELAY RANGE CORRECTED TO $\pm 1.0 \mu s$.

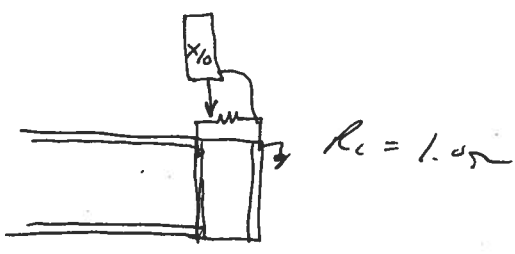


- a) Output signal amplitude:
0 TO + 50 VOLTS
TO $R_L = 1 \Omega$ (50 AMPS)
- b) Pulse width:
20 NS TO 1.00 S
(0.4% MAX DUTY CYCLE)
- c) Rise time:
 $\leq 10 NS$
- d) Fall time:
 $\leq 10 NS$
- e) PRF:
0 TO 20 KHZ
(0.4% MAX DUTY CYCLE)
- f) Jitter, stability:
06

g) Prime power:
120/240 V
50-60 HZ

TOP M out TO $R_L = 50 \Omega$ (5V/DIV)
BOT Vload (10 VOLTS/DIV)

4) MONITOR OUT:



- 1) $R_L = 50 \Omega$
 $I_{out} = 10 \mu A$
 $\therefore 5 V_{out} = 50 AMP$
- 2) $R_L = \infty$
 $I_{out} = 5 \mu A$
 $\therefore 10 V_{out} = 50 AMP$