

PULSE GENERATOR  
PERFORMANCE CHECK

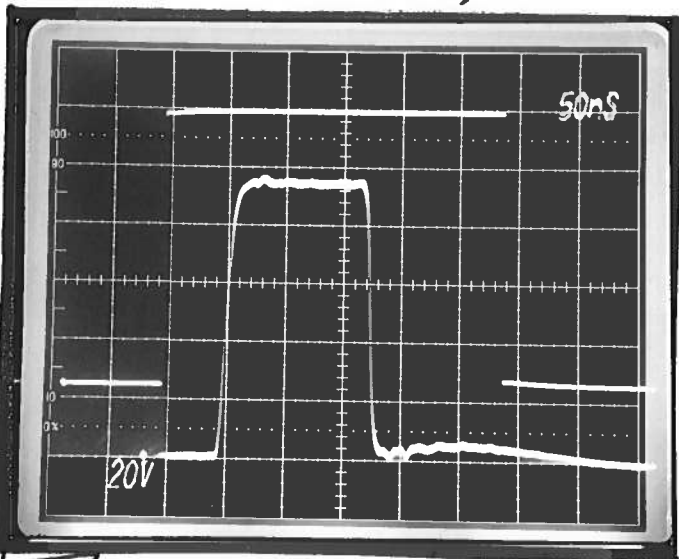
Model: AV-1011-B

S.N.: 8815

Date: FEB 15 1999

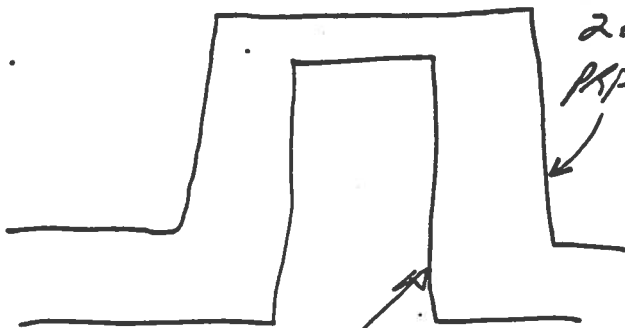
FEB 16

TA IMPROVED  
& BACK SOCKET  
REMOVED



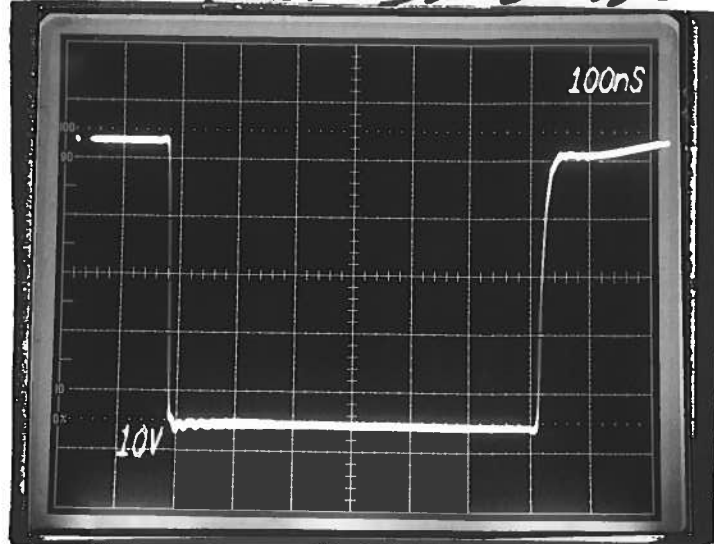
(A) Part.

- a) Output signal amplitude: 0 TO  $\pm 100$  VOLTS ✓
- b) Pulse width:  $R_L > 50 \Omega$  ✓  
100 NS TO 1 MS ✓
- c) Rise time: (10% MAX DUTY CYCLE) ✓  
 $\leq 10$  NS ✓
- d) Fall time: ✓  
 $\leq 10$  NS ✓
- e) PRF: 0 TO 1 MHz ✓  
(10% MAX DUTY CYCLE) ✓
- f) Jitter, stability: O.K. ✓  
120/240 V ✓
- g) Prime power: 50-60 W ✓



50V/DIV  
20V/DIV  
PRF = 100 Hz

50 NS/DIV  
20V/DIV  
PRF = 10 KHz  
 $R_L = 50 \Omega$



(B)

Output  $R_L = 50 \Omega$ ,  $R_{out} = 50 \Omega$   
10V/DIV, 100 NS/DIV  
PRF  $\approx 1$  KHz