

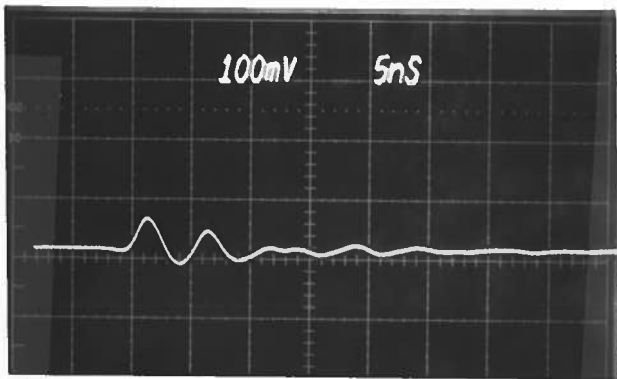
PULSE GENERATOR

PERFORMANCE CHECK

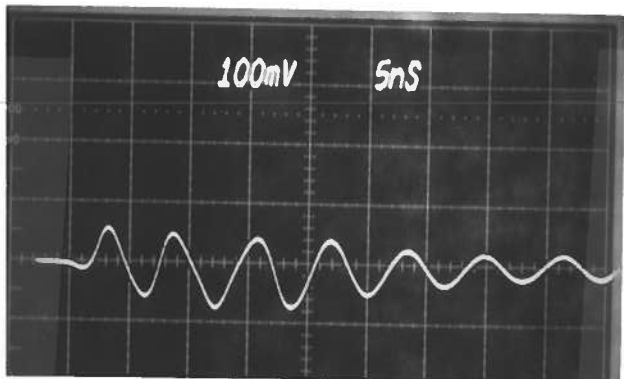
Model: *AVO-3B-C-D-IA 1*

S.N.: *6668*

Date: *JULY 30 1993*



Ⓐ  $R_s = 2.6 \Omega$  DIODE  
REPLACED BY SHORT CIRCUIT.



Ⓑ  $R_s = 2.6 \Omega$ , DIODE  
REPLACED BY SHORT CIRCUIT.

- a) Output signal amplitude:  
*+10 TO 35  $\mu$ PS*
- b) Pulse width:  
*2.0 NS*
- c) Rise time:  
*NA*
- d) Fall time:  
*NA*
- e) PRF:  
*0 TO 20 K/SEC*
- f) Jitter, stability:  
*OK*
- g) Prime power:  
*120 / 200 V*  
*50 - 60 Hz.*

NOTES

- 1) UNIT WAS NOT TESTED WITH A DIODE (BECAUSE NONE AVAILABLE)
- 2) OUTPUT WAVEFORM IS VERY SENSITIVE TO TOUCHING (BY HANDS) OF THE <sup>SEMI-RIGID</sup> OUTPUT CABLE OR ATTENUATORS. FOR EXAMPLE, A) OBTAINED WITH HANDS TOUCHING THE ATTENUATOR. B) OBTAINED WITHOUT TOUCHING. ASSUME DUE TO EXCEPTIO LOW  $\pm$  LEVEL ( $\pm$  HALF BANDWIDTH  $\pm$  AMPLITUDE). NEED YOUR OPTICAL

