

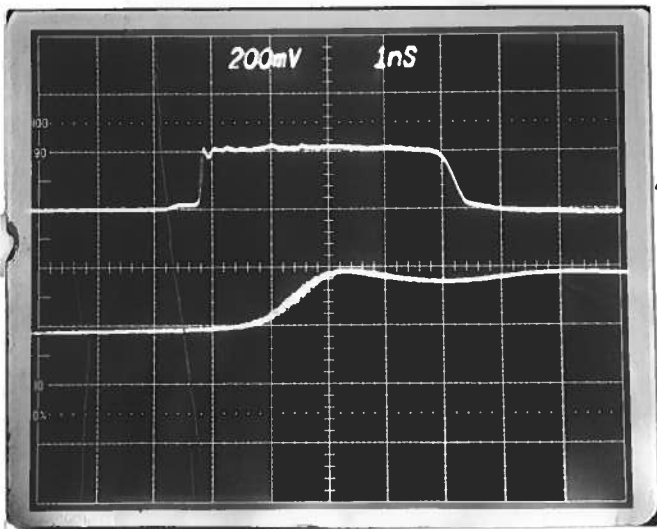
PULSE GENERATOR  
PERFORMANCE CHECK

Model: AVP-25-C-P-05-0A

S.N.: 10152

Date: MAR 4 2002.

- a) Output signal amplitude: ✓  
0 TO +2 VOLTS
- b) Pulse width:  
0.2 TO 4.0 NS
- c) Rise time:  
≤ 40 PS
- d) Fall time: ✓  
≤ 135 PS
- e) PRF: ✓  
0 TO 1.0 MHz
- f) Jitter, stability: ✓  
OK
- g) Prime power: ✓  
120/240 V ✓  
50-60 Hz ✓



20 dB ATTEN  
∴ 2 VOLTS / DIV  
PRF = 1.0 MHz

$$T_{RT} = \sqrt{T_{R25}^2 + T_{SCOPE}^2 + T_{ATTEN}^2}$$

$$\approx 50 \text{ PS (20-80\%)}$$

$$T_{SCOPE} = 25 \text{ PS}$$

18 GHz ATTEN + CABLES

∴ CONCL THAT  $T_{R25} \leq 40 \text{ PS}$

*[Handwritten signature]*