

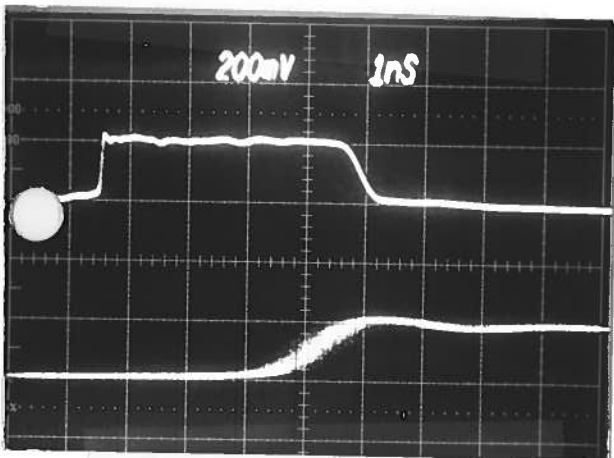
PULSE GENERATOR

PERFORMANCE CHECK

Model: *AMP-25-P-PS-6A*

S.N.: *6853*

Date: *NOV 17 1993*



- 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 VOLTS*  
*50-60 Hz*

*20 db ATTEN*  
*∴ 2 VOLTS/DIV*  
*PRF = 100 kHz*

$$T_{RT} = \sqrt{T_{R2S}^2 + T_{SCOPE}^2 + T_{ATTEN}^2}$$
$$= 50 \text{ ps } (20-80\%)$$

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

*18 GHz ATTEN + CABLES*

*∴ CONCL THAT  $T_{R2S} \leq 40 \text{ ps}$*