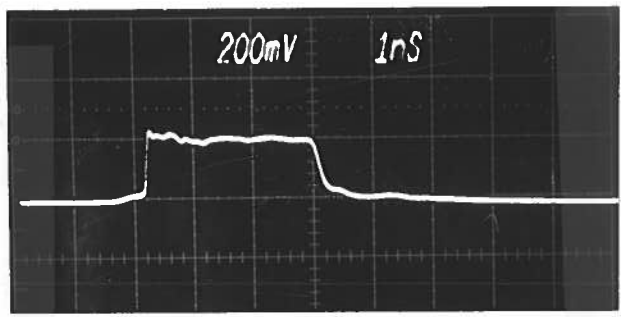


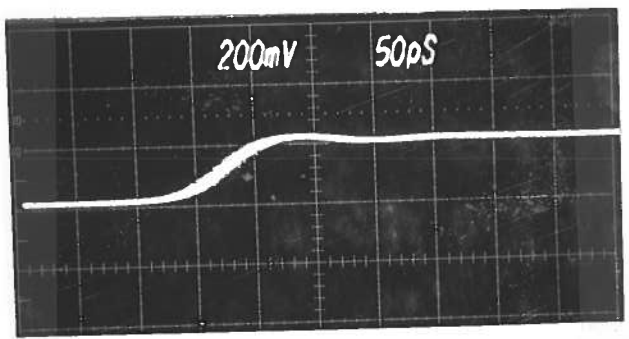
PULSE GENERATOR  
PERFORMANCE CHECK

Model: *AVP-25-C-T*  
 S.N.: *4201*  
 Date: *MAR 23 80*



- a) Output signal amplitude:  
*0 TO ±2 VOLTS*
- b) Pulse width:  
*0.2 TO 4.0 nSEC.*
- c) Rise time:  
*≤ 40 pSEC*
- d) Fall time:  
*≤ 135 pSEC.*
- 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*  
*1.0 MHz*



ⓑ *AS ⓐ BUT 50 pSEC/DIV*  
*(RISE TIME)*

$$T_{RT} = \sqrt{T_{TR25}^2 + T_{RSCOPE}^2 + T_{ATTEN}^2} \approx 50 \text{ pSEC (20-80\%)}$$

*T<sub>SCOPE</sub> = 25 pSEC*  
*10 MHz ATTEN + CABLES*  
*∴ CONC T<sub>TR25</sub> ≤ 40 pSEC.*