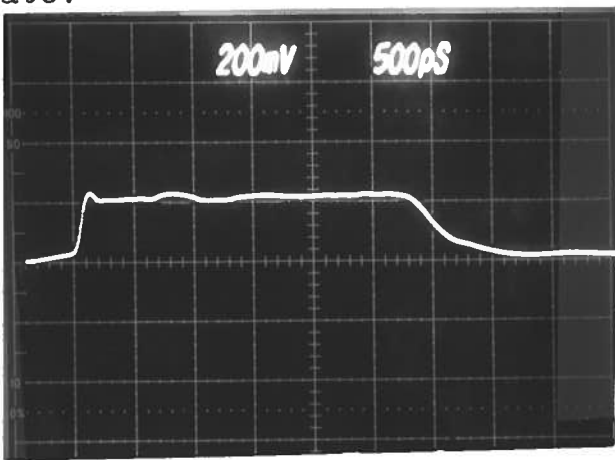


PULSE GENERATOR  
PERFORMANCE CHECK

Model: *AVP-2S-C-05-EA-M-F1-F2-P*

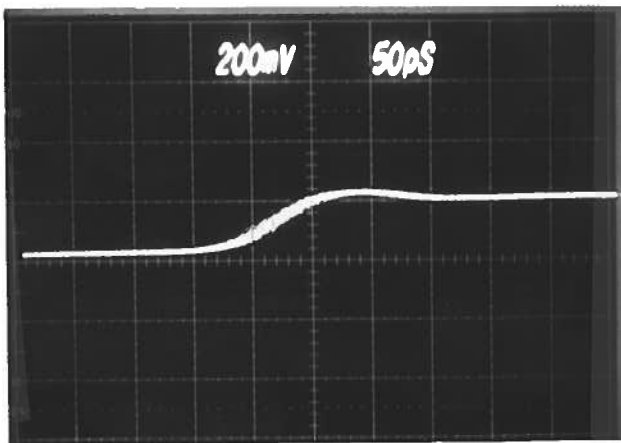
S.N.: *5827*

Date: *APRIL 30 1991*



- a) Output signal amplitude:  
*0 TO +2 VOLTS*
- b) Pulse width:  
*0.2 TO 10 NS*
- c) Rise time:  
*≤ 40 PS*
- d) Fall time:  
*≤ 160 PS*
- e) PRF:  
*0 TO 100 KHz*
- f) Jitter, stability:  
*OK*

ⓐ *20 dB ATTEN*  
*2 VOLTS/DIV*  
*PRF = 100 KHz*



- g) Prime power:  
*120/200 V*  
*50-60 Hz*
- h)  $\frac{\Delta V}{V} \leq 10\%$

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

$$T_{RT} = 50 \text{ PS} (20-80\%) = \sqrt{T_{R25}^2 + T_{R50\%}^2 + T_{R_{ATTEN}}^2}$$

*T<sub>R50%</sub> = 25 PS, 13.6 MHz ATTEN + CABLE*

*CONCL T<sub>R25</sub> ≤ 40 PS.*

*[Signature]*