

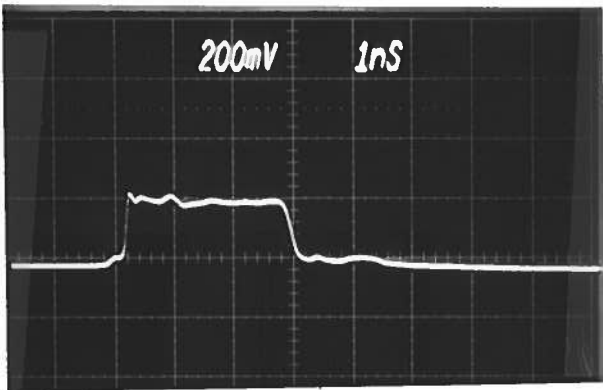
PULSE GENERATOR

PERFORMANCE CHECK

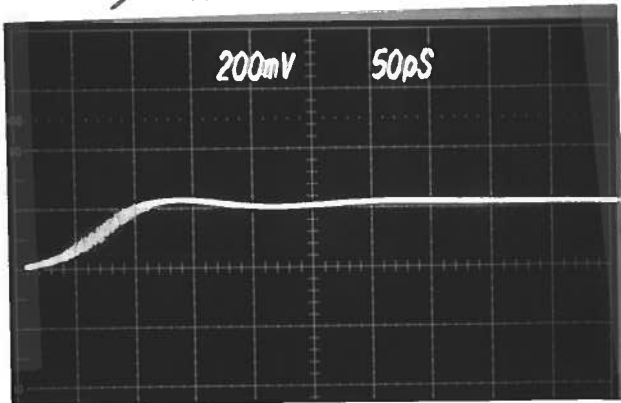
Model: *AMP-25-PS-LDA-T*

S.N.: *5993*

Date: *Aug 26 1991*



ⓐ 20 db ATTEN  
2 1025 DIU  
PRF = 700 KHz



ⓑ AS ⓐ BUT 50PS/DIU  
(MIS-TIME)

$$T_{RT} = 50ps (20-80\%) = \sqrt{T_{R25}^2 + T_{R50\%}^2 + T_{RATTEN}^2}$$

$T_{R50\%} = 25 ps$   
18 GHz CABLES & ATTEN  
∴ COINC  $T_{R25} \leq 40 ps$

- a) Output signal amplitude:  
*0 TO + 200V*
- 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 KHz*