

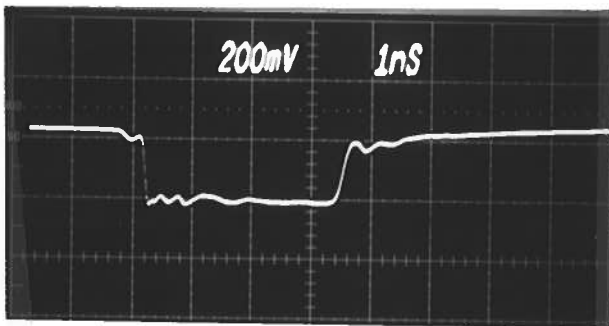
PULSE GENERATOR

PERFORMANCE CHECK

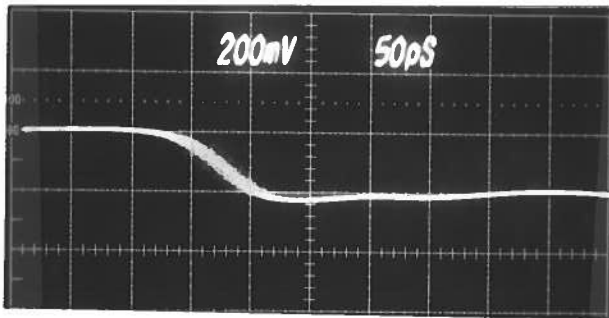
Model: *AMP-25-C-N*

S.N.: *5934*

Date: *JULY 25 1991*



Ⓐ *20db ATTEN*
2 VOLTS/DIV
PRF = 700 KHz



Ⓑ *AS Ⓐ BUT 50 PS/DIV*
(RISE TIME)

$$T_{RT} = 30 \text{ ps (20-80\%)} = \sqrt{T_{R25}^2 + T_{R50\%}^2 + T_{R \text{ ATTEN}}^2}$$

$$T_{R90\%} = 25 \text{ ps}$$

18 GHz CARRIER + ATTEN

$$\therefore \text{CONC } T_{R25} \leq 70 \text{ ps}$$

- 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

AA