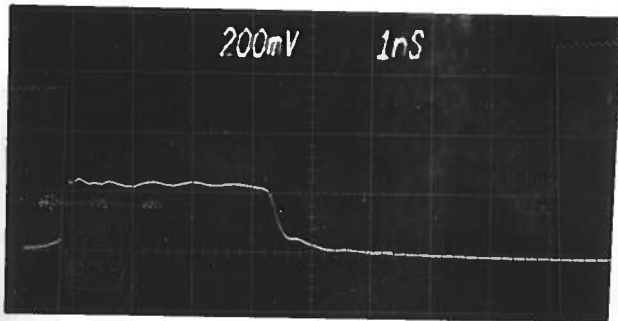


PULSE GENERATOR  
PERFORMANCE CHECK

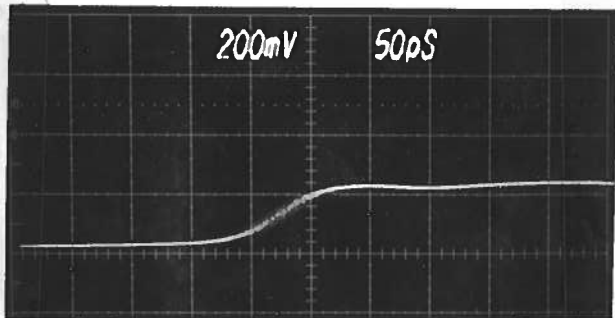
Model: AMP-25-C-P

S.N.: 3617

Date: MAY 13 87



① 20 dB ATTEN  
2 VOLTS/DIV  
1.0 MHz



③ 195 ④ 12V 50 psec/DIV  
(RISE TIME)

$$T_{RT} = \sqrt{T_{R25}^2 + T_{SCOPE}^2 + T_{ATTEN}^2} \approx 50 \text{ psec (20-30\%)}$$

$$T_{SCOPE} \approx 25 \text{ psec}$$

18 GHz ATTEN & CAPACITORS

CONCL  $T_{R25} \leq 40 \text{ psec}$ .

- 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 10 MHz
- f) Jitter, stability:  
OK
- g) Prime power:  
120/240 V  
50-60 MHz

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