

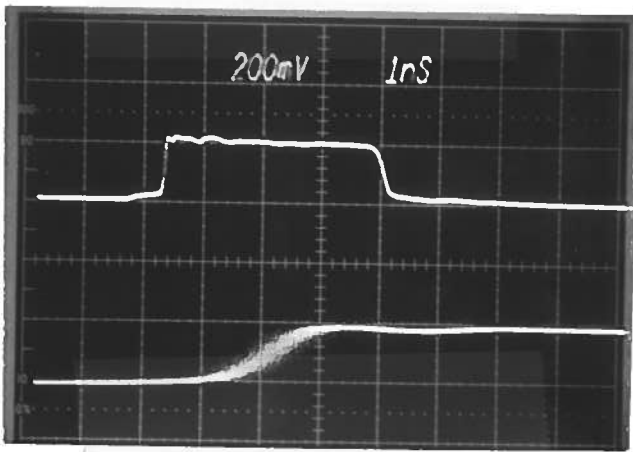
PULSE GENERATOR

PERFORMANCE CHECK

Model: *AMP-25-P-PS-GA*

S.N.: *6660*

Date: *MARIL 28 1993*



- 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 VOLTS
50 - 60 Hz

20 db ATTEN

2 VOLTS/DIV

PRF = 100 KHz

$$T_{AT} = \sqrt{T_{RS}^2 + T_{SCOPE}^2 + T_{ATTN}^2}$$

≈ 50 ps (20-80%)

T_{SCOPE} = 25 ps

18 GHz ATTEN + CAPACITORS

CONCL THAT T_{RS} ≤ 40 PS