

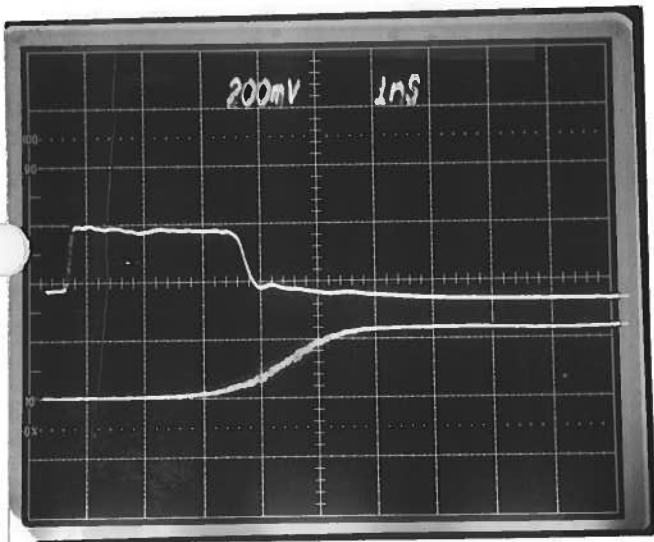
PULSE GENERATOR
PERFORMANCE CHECK

Model: AVP-25-P-PS-~~EA~~

S.N.: 9376

Date: ~~JUNE~~ 27 2000

- a) Output signal amplitude:
0 TO $\sqrt{2}$ VOLTS
- b) Pulse width:
0.2 TO $\sqrt{4.0}$ 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:
120/240V
50-60Hz.



20 dB ATTEN
 \therefore 2 VOLTS / DIV
PRF = 1.0 MHz

$$T_{RT} = \sqrt{T_{R25}^2 + T_{SCOPE}^2 + T_{ATTEN}^2}$$

≈ 50 PS (20-80%)

$T_{SCOPE} = 25$ PS

18 GHz ATTEN + CABLES

\therefore CONCL THAT $T_{R25} \leq 40$ PS