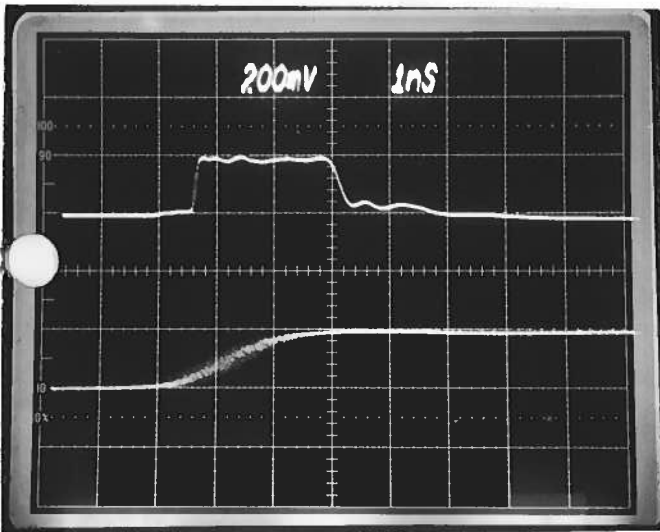


PULSE GENERATOR
PERFORMANCE CHECK

Model: AVP-25-P-PS

S.N.: 8399

Date: MAY 12 1999



- 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

20 dB ATTEN
∴ 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

∴ CONCL THAT $T_{R25} \leq 40 PS$