

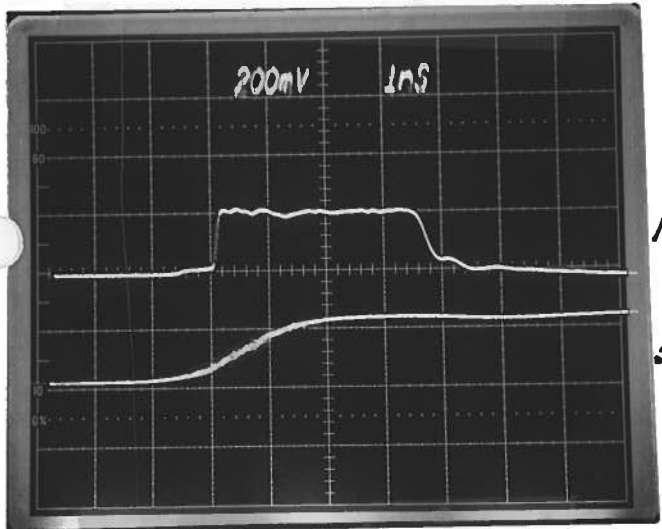
PULSE GENERATOR
PERFORMANCE CHECK

Model: AVP-25-P-PS-EA

S.N.: 9375

Date: JUNE 27 2008

- 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

Y