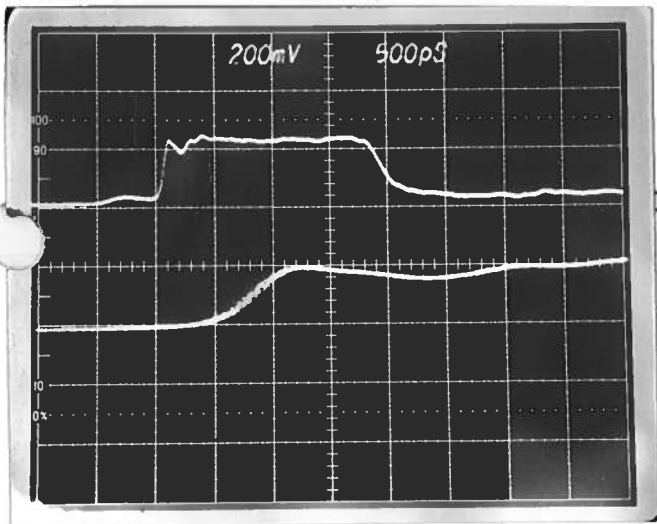


PULSE GENERATOR
PERFORMANCE CHECK

Model: AVP-25-C-PN-LTA 70-EN-11-05

S.N.: 10099

Date: FEB 26 2002



- a) Output signal amplitude: \checkmark
0 TO +2 VOLTS
- b) Pulse width:
0.2 TO 4.0 NS \checkmark
- c) Rise time:
 ≤ 40 PS \checkmark
- d) Fall time:
 ≤ 135 PS \checkmark
- e) PRF:
0 TO 1.0 MHz \checkmark
- f) Jitter, stability: \checkmark
OK
- g) Prime power:
120/240 V \checkmark
50-60 MB.

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

[Signature]