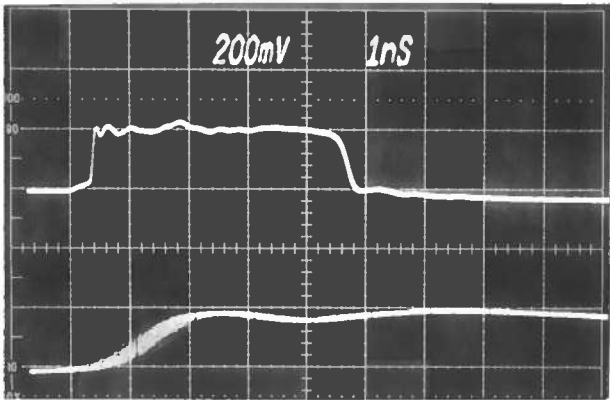


PULSE GENERATOR
PERFORMANCE CHECK

Model: *AVP-25-P-05-ECL*

S.N.: *6366*

Date: *JUL 9 1992*



- 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:
+15 VOLTS
400 mA (MAX)

20 dB ATTEN
2 VOLTS/DIV
PRF = 1.0 MHz

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

≈ 50 PS (20-40%)

T_{SCOPE} = 25 PS
18 GHz ATTEN + CABLES

∴ CONC THAT TR25 ≤ 40 PS.