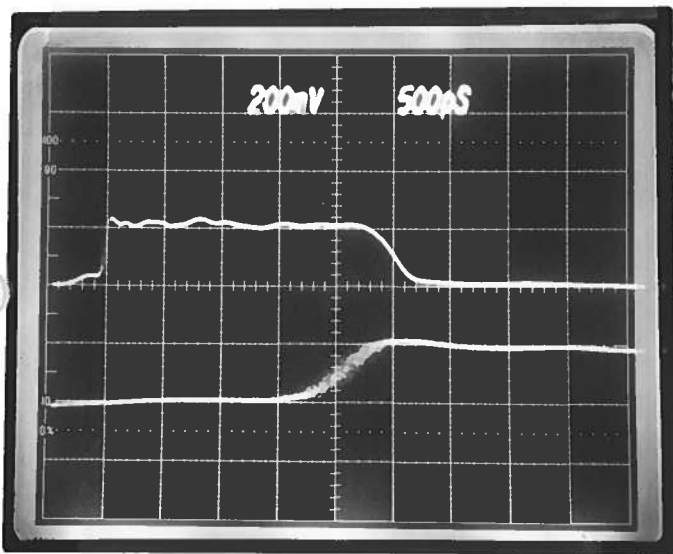


PULSE GENERATOR  
PERFORMANCE CHECK

Model: AVP-25-P-05-ECL

S.N.: 7480

Date: DEC 19/95



- a) Output signal amplitude:  
0 TO +2 VOLTS
- b) Pulse width:  
0.2 TO 4.0 NS
- c) Rise time:  
500 ps/DIV  $\leq 40$  PS
- d) Fall time:  
50 ps/DIV  $\leq 135$  PS
- e) PRF:  
0 TO 1.0 MHz
- f) Jitter, stability:  
OK
- g) Prime power:  
+15 VOLTS  
400 mA (MAX)

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

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

$\approx 50$  PS (20-80%)

$T_{SCOPE} = 25$  PS

18 GHz ATTEN + CABLES

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