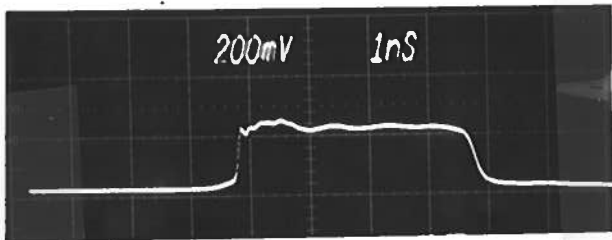


PULSE GENERATOR  
PERFORMANCE CHECK

Model: AMP-25-C-P-CM1-05

S.N.: 4944

Date: JULY 27 1989



a) Output signal amplitude:  
0 TO +2 VOLTS

b) Pulse width:  
0.2 TO 4.0 NS

c) Rise time:  
≤ 40 PSEC

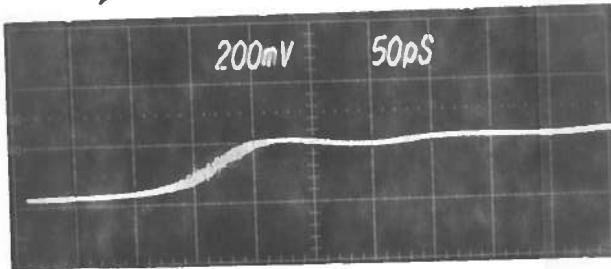
d) Fall time:  
≤ 135 PSEC

e) PRF:  
0 TO 1.0 MHz

f) Jitter, stability:  
OK

g) Prime power:  
120/240 V  
50-60 Hz

Ⓐ 20 16 ATTEN  
∴ 2 VOLTS/DIV  
PRF = 1.0 MHz



Ⓑ AS Ⓐ BUT 50 PSEC/DIV  
(RISE TIME)

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

≈ 50 psec (20-80%)

T<sub>SCOPE</sub> = 25 psec  
16 4MHz ATTEN + CABLES  
∴ CONCL T<sub>RS</sub> ≤ 40 psec

CM1 OPTION

1) INPUT TRIGGER:  
AMP : +100 TO +300 mV  
PW : 10 NS TO 0.5 μS

2) MONITOR:  
COINCIDENT ATTENUATED  
(X10) REPLICHA OF  
MAIN OUTPUT.

05 OPTION  
± 50 VOLTS  
250 mA MAX.