

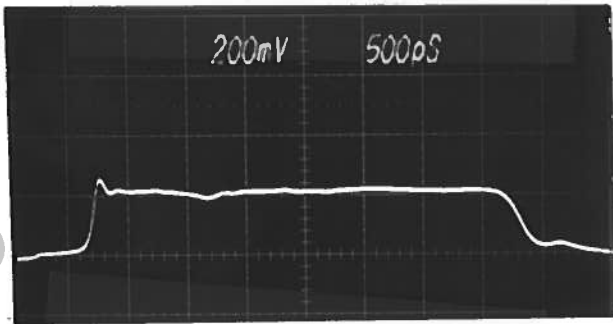
PULSE GENERATOR

PERFORMANCE CHECK

Model: *AMP-25-P-IM*

S.N.: *5338*

Date: *JAN 19 1990*



20dB ATTEN

2 VOUTS/DIV

PRF = 1.0 MHz

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:

+15 ± 1.0 VOLTS

250 mA (min 197),

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

≈ 50 PSEC (20-90%)

$$T_{30dB} = 25 PSEC$$

18 GHz ATTEN + CAPABLES

CONCL THAT $T_{R25} ≤ 40 PSEC$