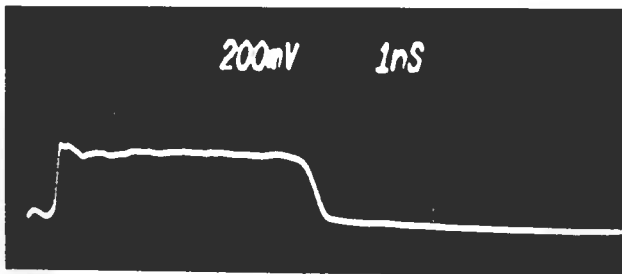


PULSE GENERATOR
PERFORMANCE CHECK

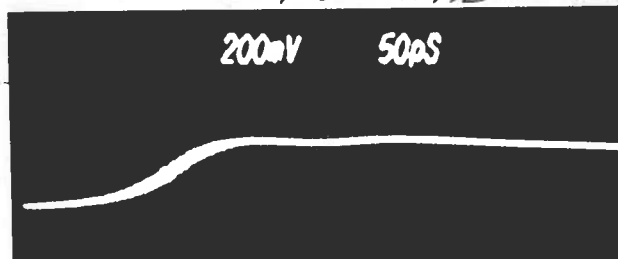
Model: *AMP-25-Q-P-PN-M*

S.N.: *4594*

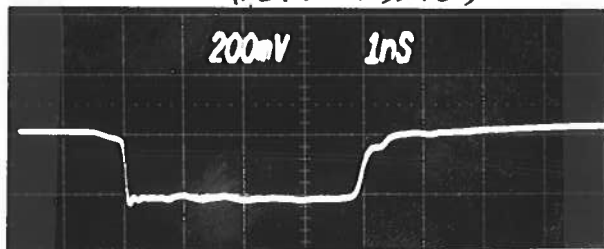
Date: *NOV 4 88*



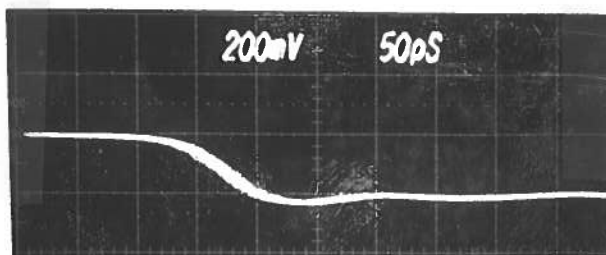
ⓐ *Port 20db ATTEN
2 VOLT/DIV
1.0 MHz*



ⓑ AS ⓐ BUT 50 PSEC/DIV (RISE TIME)



ⓒ AS ⓐ BUT NEG OUT



ⓓ AS ⓒ BUT 50 PSEC/DIV (RISE TIME)

a) Output signal amplitude:

0 TO ± 2 VOLTS

b) Pulse width:

0.2 TO 40 NSEC

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 MHz*

$$T_{RST} = \sqrt{T_{R25}^2 + T_{RSCOPE}^2 + T_{ATTEN}^2}$$

≈ 50 PSEC (20-80%)

$$T_{RSCOPE} = 25 PSEC$$

18 GHz CHARLES + ATTEN

CONCL TR25 ≤ 40 PSEC