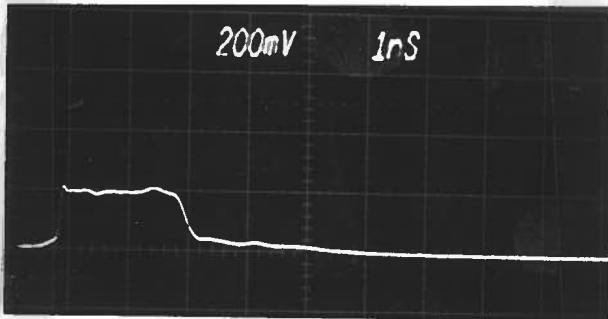


PULSE GENERATOR
PERFORMANCE CHECK

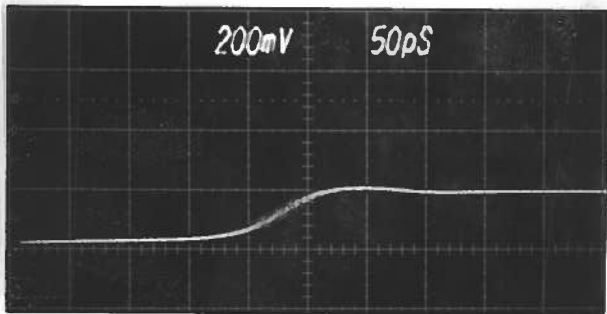
Model: MP-25-C-EW-LA-EO-DN

S.N.: 3345

Date: MAR 10 87



① 20 db ATTEN
2 VOLT/DIV
1.0 MHz
(P out)



② AS ① BUT 50 PSEC/DIV
20-80% TRT = 50 PSEC.

$$T_{RT} = \sqrt{T_{MP-25}^2 + T_{SCOPE}^2 + T_{ATTEN}^2}$$

$$T_{SCOPE} \approx 25 \text{ PSEC}$$

$$BW_{ATTEN} \approx 18 \text{ MHz}$$

$$CONC \quad T_{MP-25} \leq 40 \text{ PSEC}$$

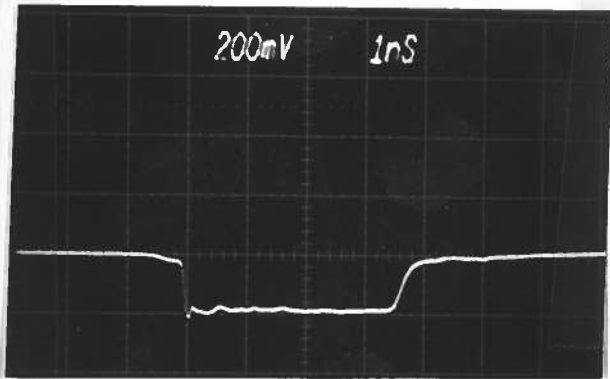
- a) Output signal amplitude:
0 TO 2 VOLTS.
- b) Pulse width:
0.2 TO 4.0 NS
- c) Rise time:
≤ 40 PSEC
- d) Fall time:
≤ 135 PSEC.
- e) PRF:
0 TO 1.0 MHz.
- f) Jitter, stability:
OK
- g) Prime power:
120/240 V
50-60 MHz.

PULSE GENERATOR
PERFORMANCE CHECK

Model:

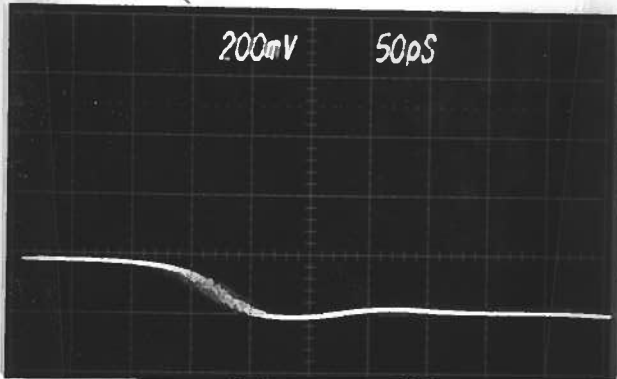
S.N.: 3345

Date:



Ⓐ 20 db ATTEN
2 VOLT/DIV
1.0 nSEC
(N OUT)

- a) Output signal amplitude:
- b) Pulse width:
- c) Rise time:
- d) Fall time:
- e) PRF:
- f) Jitter, stability:
- g) Prime power:



Ⓑ AS Ⓐ BUT 50 PSEC/DIV

20-80% $T_{RT} \approx 50$ PSEC

$$T_{RT} = \sqrt{T_{IMP25}^2 + T_{R SCOP} + T_{R ATTEN}}$$

$$T_{R SCOP} = 25 \text{ PSEC}$$

R.I. - 10 114

CONC $T_{IMP25} \leq 40 \text{ PSEC}$