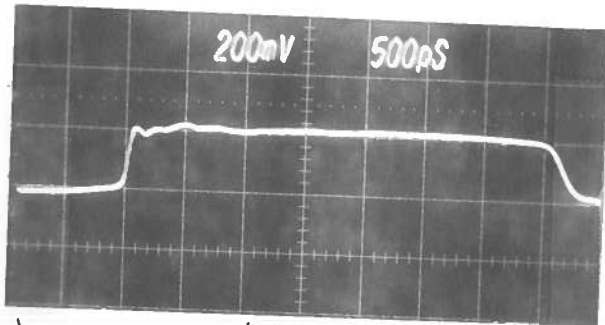


PULSE GENERATOR
PERFORMANCE CHECK

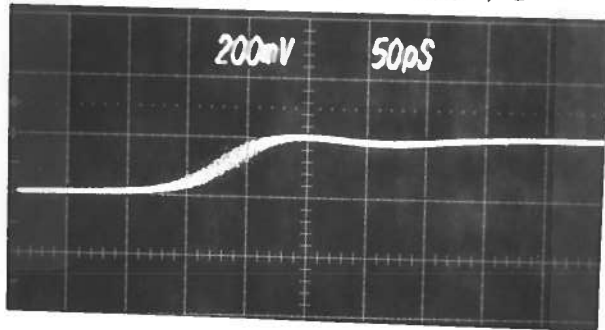
Model: *MP-25-C P*

S.N.: *4804*

Date: *MAY 30 89*



A) 20 db ATTN. . . 2 VOLTS/DIV
PRF = 1.0 MHz



B) AS A BUT 50 PSEC/DIV
(RISE TIME)

- a) Output signal amplitude:
0 TO +2 VOLTS.
- b) Pulse width:
0.2 TO 4.0 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
57 ~ 67 W

$$T_{RT} = \sqrt{T_{RS}^2 + T_{SCOPE}^2 + T_{ATTN}^2} \quad 250 \text{ PSEC (20-80\%)}$$

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

18 kHz ATTN + CABLES

∴ CONCL $T_{RS} \leq 40 \text{ PSEC}$