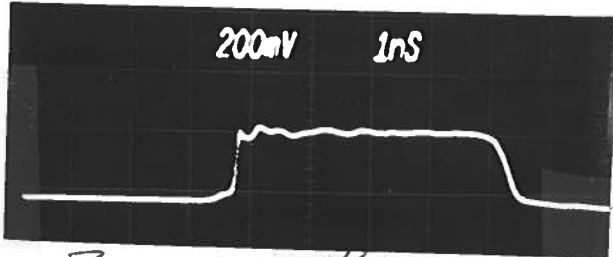


PULSE GENERATOR
PERFORMANCE CHECK

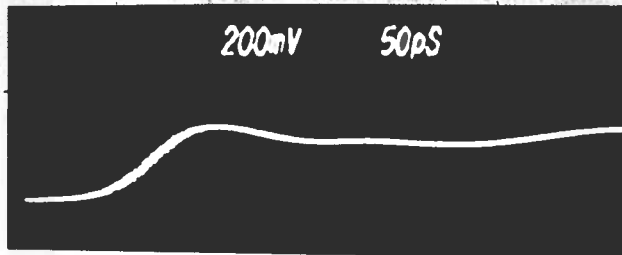
Model: *AVP-25-C-PN-OT-M-JM*

S.N.: *4570*

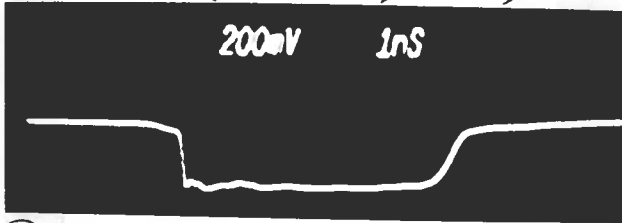
Date: *5 NOV 4 88*



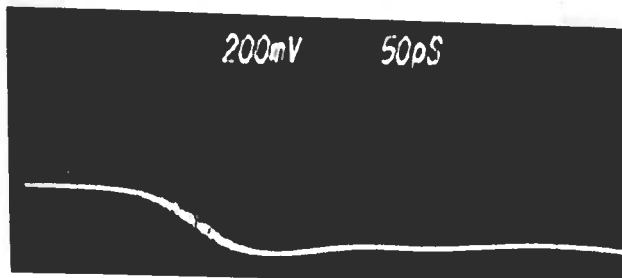
Ⓐ *Pout 20dB ATTEN
2 VOLTS/DIV
1.0 ns/div*



Ⓑ *AS Ⓐ BUT 50 PSEC/DIV
(RISE TIME)*



Ⓒ *AS Ⓐ BUT NEG OUT*



Ⓓ *AS Ⓒ BUT 50 PSEC/DIV
(RISE TIME)*

- a) Output signal amplitude:
0 TO ± 200V
- 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:
120/240V 50-60 Hz

$$T_{RT} = \sqrt{T_{R25}^2 + T_{RSCOPE}^2 + T_{RATTEN}^2}$$

$$\approx 50 \text{ PSEC (20-80\%)}$$

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

10 GHz CABLES & ATTEN

CONCL $T_{R25} \leq 40 \text{ PSEC}$