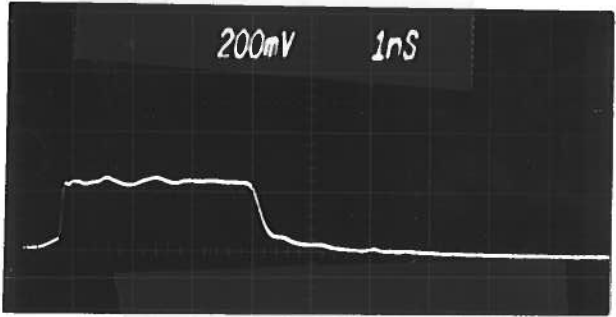


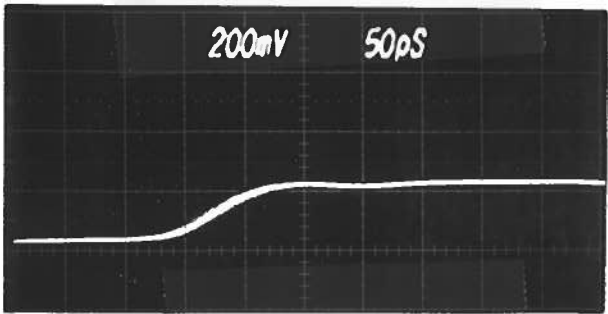
PULSE GENERATOR
PERFORMANCE CHECK

Model: *AMP-25-C-PN*
 S.N.: *3830*
 Date: *APR 10 87*



- a) Output signal amplitude:
0 TO ± 2.0 VTS
- 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

ⓐ *FOUR 20dB ATTEN*
∴ 2 VOLTS/DIV
1.0 MHz



ⓑ *AS ⓐ BUT*
50 PSEC/DIV
(RISE TIME)

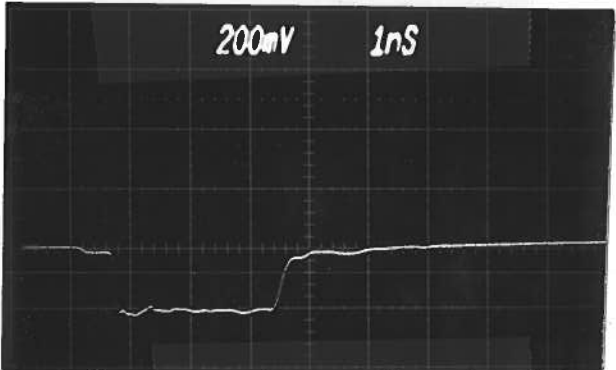
$$T_{RT} = \sqrt{T_{TR25}^2 + T_{SCOPE}^2 + T_{ATTEN}^2} \approx 50 \text{ psec} \quad (20-30^\circ)$$

T_{SCOPE} = 25 psec
18 GHz ATTEN + CABLES
∴ CONV TR25 ≤ 40 psec.

[Signature]

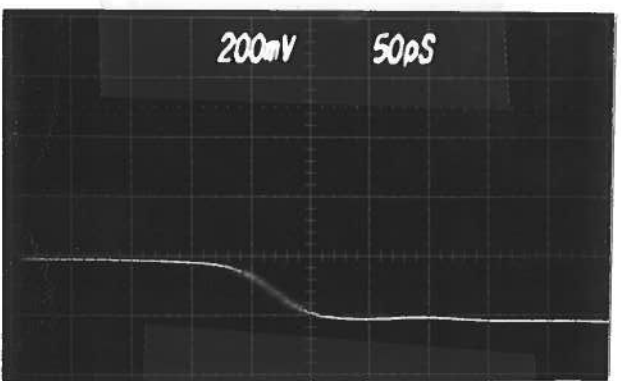
PULSE GENERATOR
PERFORMANCE CHECK

Model: *APM-25-C-DN*
 S.N.: *3830*
 Date: *April 10 87*



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

Ⓐ *Nout 20dB ATTEN*
2 VOLTS/DIV
1.0 nS



[Handwritten signature]

Ⓑ *AS Ⓐ BUT*
50 pSEC/DIV
(RISE-TIME)

$$T_{RT} = \sqrt{T_{TR25}^2 + T_{SCOPE}^2 + T_{ATTEN}^2} \approx 50 \text{ pSEC} \quad (20-30?)$$

T_{SCOPE} = 25 pSEC
18 GHz ATTEN + CABLES
CONV TR25 ≤ 40 pSEC