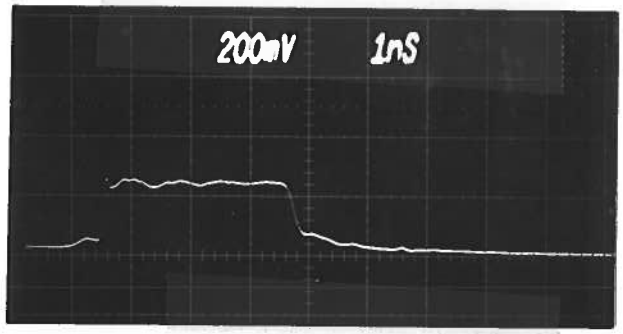
PULSE GENERATOR

PERFORMANCE CHECK

Model: APP-.25-C-PN

S.N.: 3829

Date: AUG 10 87



(A) P_{OUT} 2dB ATTEN
.2 VOLTS/DIV
1.0 MHz

a) Output signal amplitude:
0 TO ±2 VOLTS

b) Pulse width:
0.2 TO 4.0 NSEC

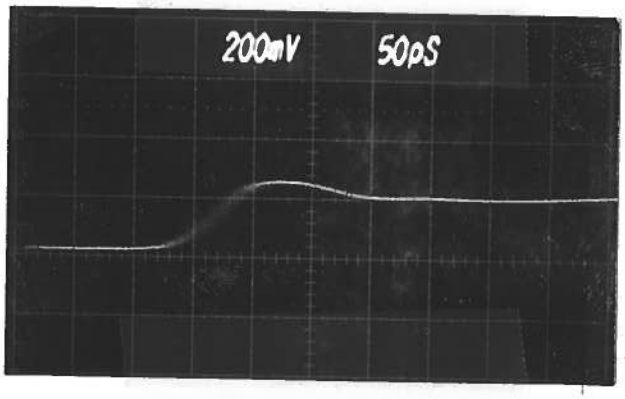
c) Rise time:
≤ 40 PSEC

d) Fall time:
≤ 135 PSEC

e) PRF:
0 TO 1.0 MHz

f) Jitter, stability:
OK

g) Prime power:
120/240 V
50-60 Hz.



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

$T_{RT} = \sqrt{T_{RDS}^2 + T_{SCOPE}^2 + T_{ATTEN}^2} \pm 50$ PSEC (20-80%)

$T_{SCOPE} = 25$ PSEC
18 GHz ATTEN + CABLES
∴ CONE $T_{RDS} \leq 40$ PSEC.

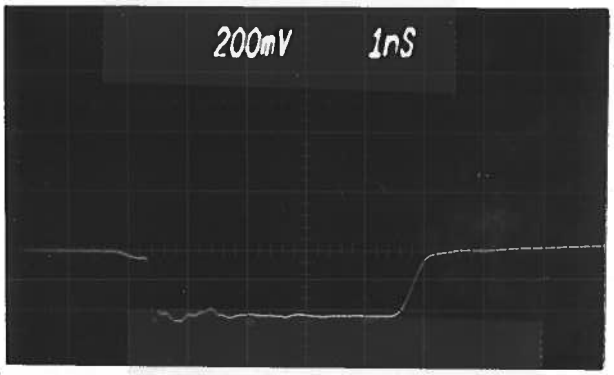
PULSE GENERATOR

PERFORMANCE CHECK

Model: PPP-2S-C-PN

S.N.: 3829

Date: AUG 10 87



a) Output signal amplitude:

b) Pulse width:

c) Rise time:

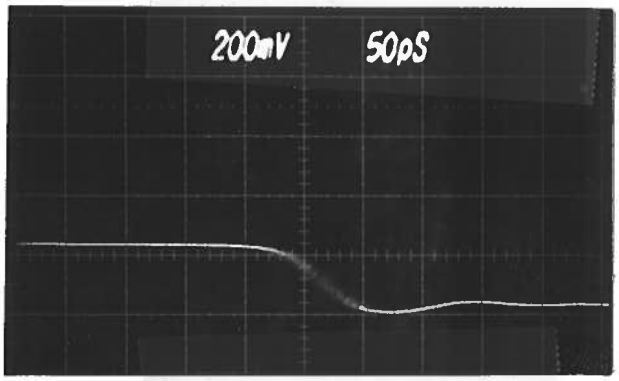
d) Fall time:

e) PRF:

f) Jitter, stability:

g) Prime power:

(A) N OUT 20db ATTEN
.2 VOLTS/DIV
1.0 MHz



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

$T_{RT} = \sqrt{T_{RES}^2 + T_{SCOPE}^2 + T_{ATTEN}^2}$ ± 50 PSEC (20-80)

$T_{SCOPE} = 25$ PSEC

18 GHz ATTEN + CABLES

∴ CONE $T_{RES} \leq 40$ PSEC.