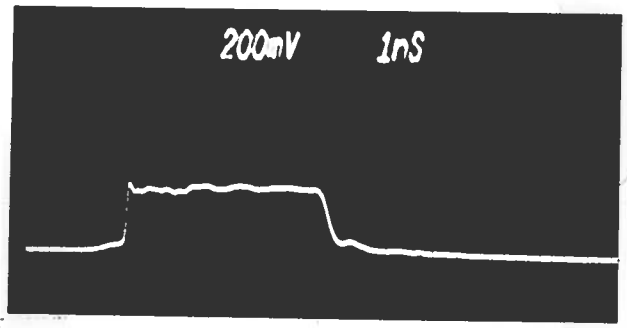
PULSE GENERATOR

PERFORMANCE CHECK

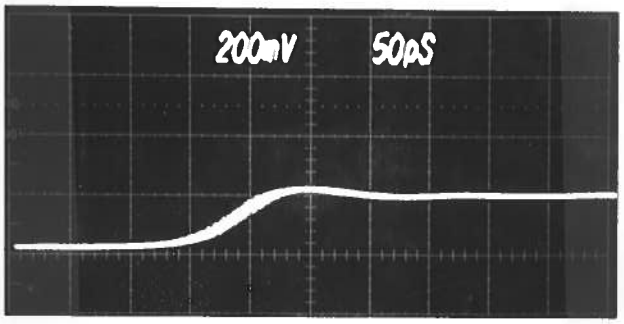
Model: PP-25-C-P-PW

S.N.: 4013

Date: DEC 2 1987



(A) P_{OUT} 20 db ATTEN
.2 VOLTS/DIV
1.0 MHz



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

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

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

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.

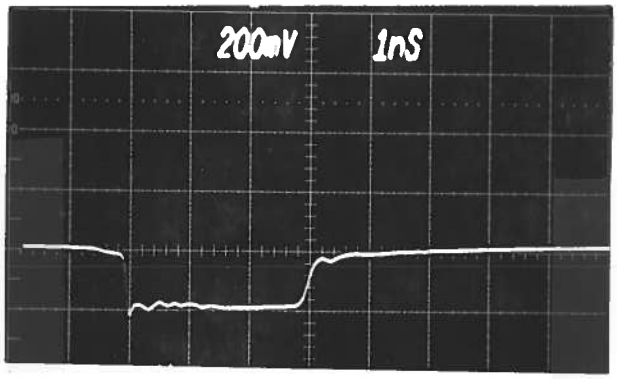
PULSE GENERATOR

PERFORMANCE CHECK

Model:

S.N.: 4018 CONT.

Date:



a) Output signal amplitude:

b) Pulse width:

c) Rise time:

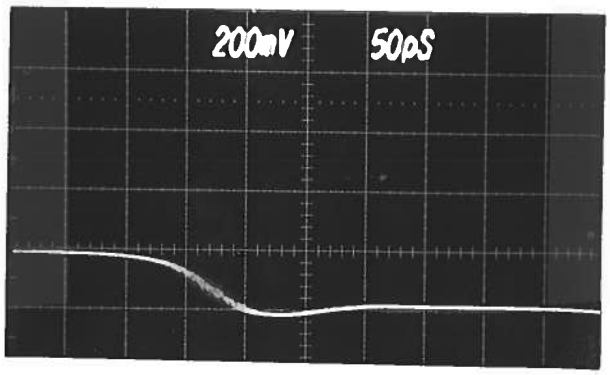
d) Fall time:

e) PRF:

f) Jitter, stability:

g) Prime power:

① N_{OUT} 20 db ATTEN
- .2 VOLTS/DIV
1.0 MHz



② AS ① BUT 50 PSEC/DIV
(RISETIME)

$T_{RT} = \sqrt{T_{R25}^2 + T_{R\,SCOPE}^2 + T_{R\,ATTEN}^2}$ = 250 PSEC (20-80%)

T_{SCOPE} = 25 PSEC, 18 GHz ATTEN

∴ CONCL $T_{R25} \leq 40$ PSEC