

PULSE GENERATOR

PERFORMANCE CHECK

Model: AVA-2-NIM-P

S.N.: 397

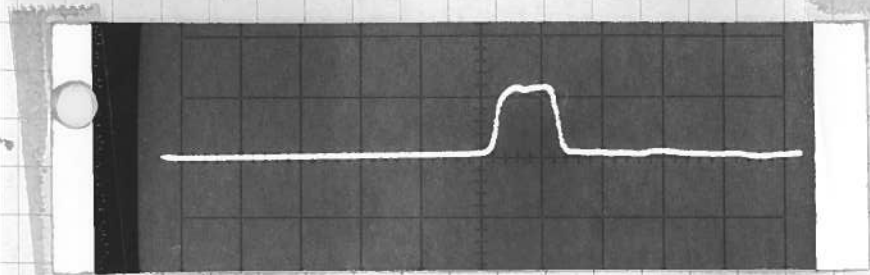
Date: OCT 31 1980

SEE OVER
FOR TEST
WAVEFORMS.

- a) Output signal amplitude:
0 TO +15V
- b) Pulse width:
0 TO 2.0 nSEC
- c) Rise time:
 ≤ 100 PSEC
- d) Fall time:
 ≤ 200 PSEC
- e) PRF:
0 TO 25 MHz
- f) Jitter, stability:
OK
- g) Prime power:
+24V \pm 1V
600 mA MAX
- h) DOUBLE PULSES:
MIN PULSE SEPARATION
20 nSEC FOR 6
nSEC INPUT
PULSE WIDTH.

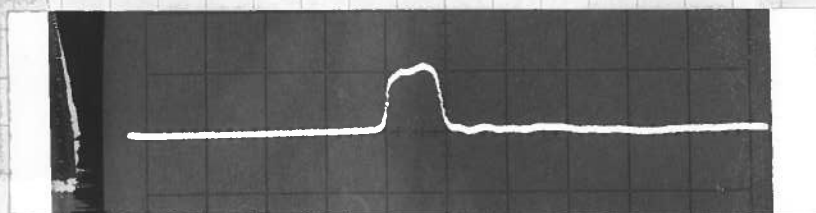


SN 397 (D)



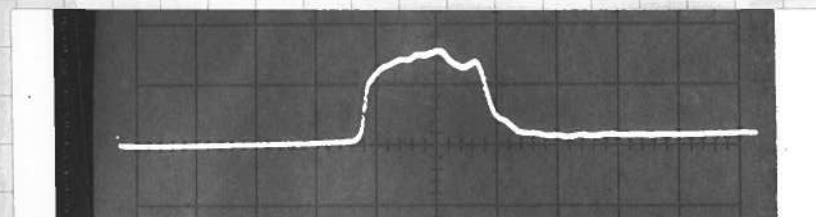
① SINGLE PULSE OUTPUT
PRF = 25 MHz

1.0 NSEC/DIV
10 VOLTS/DIV



② SINGLE PULSE OUTPUT
PRF = 40 KHz
(MID RANGE)

1.0 NSEC/DIV
10 VOLTS/DIV



③ SINGLE PULSE
OUTPUT
PRF = 400 KHz

1.0 NSEC/DIV
10 VOLTS/DIV



④ DOUBLE PULSE
OUTPUT
PRF = 400 KHz

5.0 NSEC/DIV
10 VOLTS/DIV