

PULSE GENERATOR

PERFORMANCE CHECK

Model: *AVM-2-NIM-1*

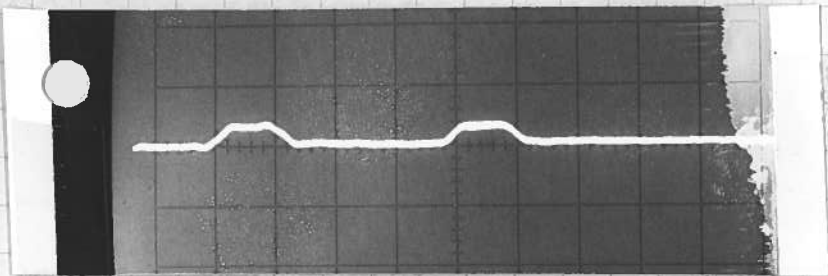
S.N.: *369*

Date: *OCT 24 80*

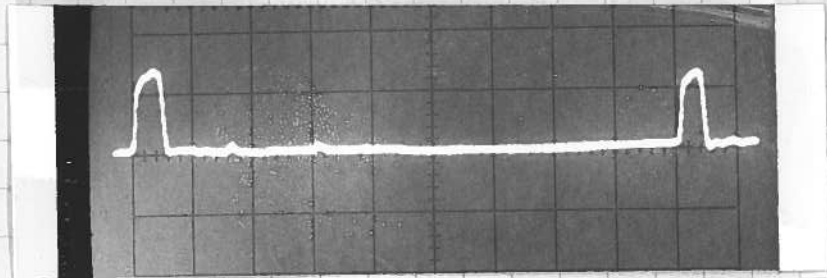
*SEE OVER
FOR TEST
WAVEFORMS*

- a) Output signal amplitude:
0 TO +15
- 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:
*(1.0 MHz FOR DOUBLE PULSE)
OK*
- g) Prime power:
*+24 ± 1.0 V
575 mA MAX.*
- h) DOUBLE PULSE:
*MIN PULSE SEPA-
RATION 20 nsec
FOR 6 nsec INPUT
PULSE WIDTH.*

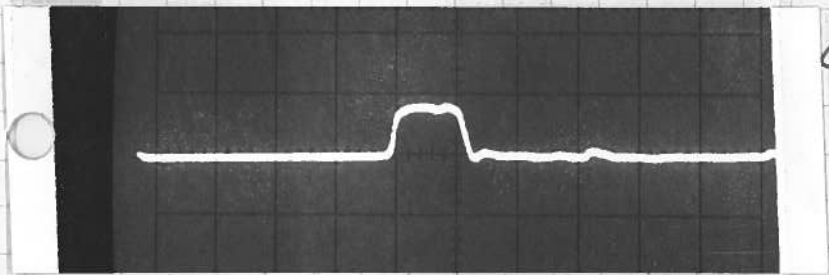




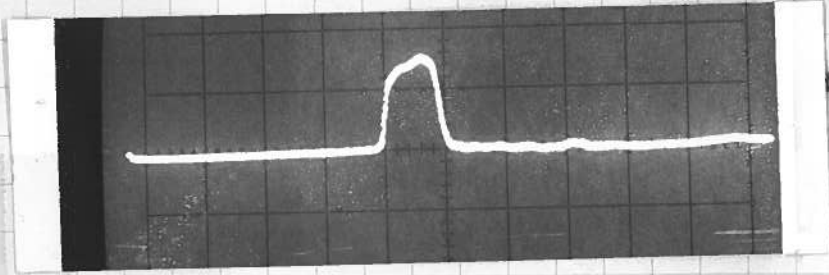
① DOUBLE PULSE INPUT
 5.0 nSEC/DIV
 10 VOLTS/DIV
 400 KHz.



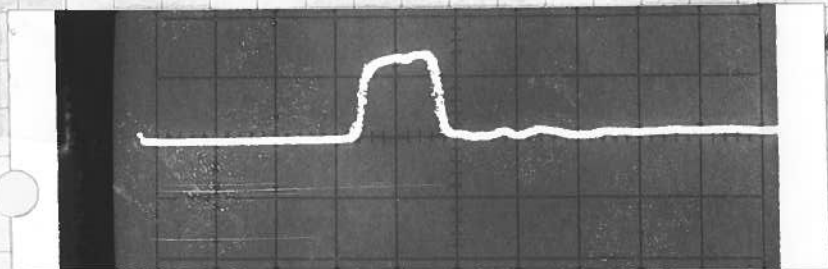
② DOUBLE PULSE OUTPUT
 FROM ①
 2.0 nSEC/DIV
 10 VOLTS/DIV
 400 KHz.



③ SINGLE PULSE OUTPUT
 PRF = 40 KHz
 $V_{out} \approx \frac{1}{2} V_{max}$
 1.0 nSEC/DIV
 10 VOLTS/DIV.



④ SINGLE PULSE OUTPUT
 PRF = 400 KHz
 1.0 nSEC/DIV
 10 VOLTS/DIV.



⑤ SINGLE PULSE OUTPUT
 PRF = 25 MHz
 1.0 nSEC/DIV
 10 VOLTS/DIV.