

PULSE GENERATOR
PERFORMANCE CHECK

Model: *AVM-2-NIMP*

S.N.: *370*

Date: *OCT 24 80*

*SEE OVER
FOR TEST
WAVEFORMS*

- a) Output signal amplitude:
0 TO +15V
- b) Pulse width:
0 TO 2 nsec
- c) Rise time:
≤ 100 psec.
- d) Fall time:
≤ 200 psec.
- e) PRF:
0 TO 25 MHz
- f) Jitter, stability: *10 TO 1.0 MHz PER DOUBLE PULSE*
- g) Prime power:
OK
+24 ± 1.0 VOLT
.575 mA MAX
- h) DOUBLE PULSE:
MIN PULSE SEPARATION
20 nsec FOR 6
nsec INPUT
PULSE SEPARATION



5N 370 (B)

① DOUBLE PULSE INPUT
5.0 NSEC/DIV
10 VOLTS/DIV
400 KHz

② DOUBLE PULSE
OUTPUT FOR 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 n SEC/DIV
10 VOLTS/DIV