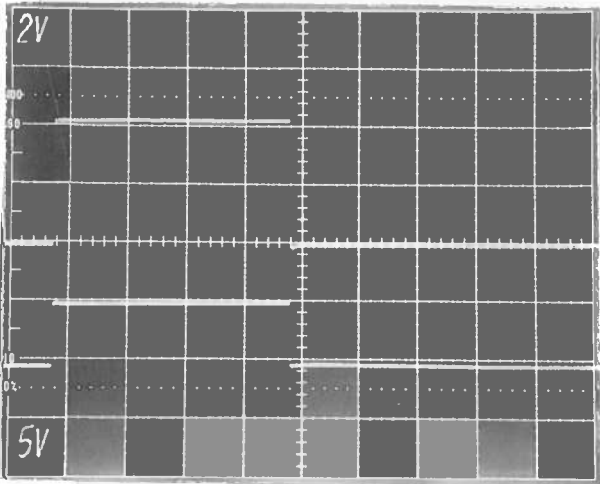


PULSE GENERATOR
PERFORMANCE CHECK

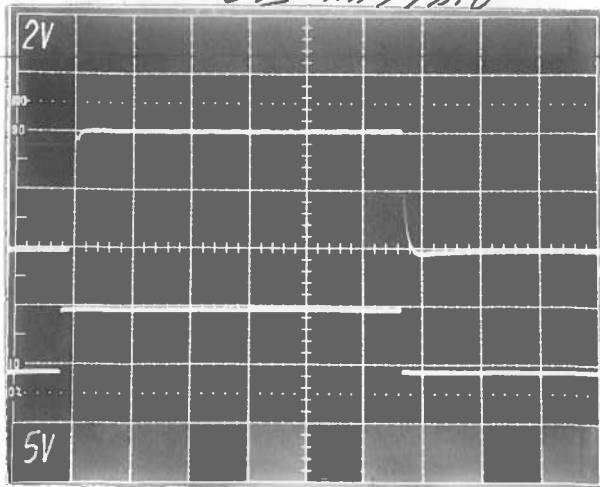
Model: *AV-102-24M1*

S.N.: *7215*

Date: *DEC 19 1994*



Ⓐ TOP: M OUT, 2 VOLTS/DIV
BOT: TRIG IN, 5 VOLTS/DIV
0.5 MS/DIV



Ⓑ AS Ⓐ BUT
50 US/DIV

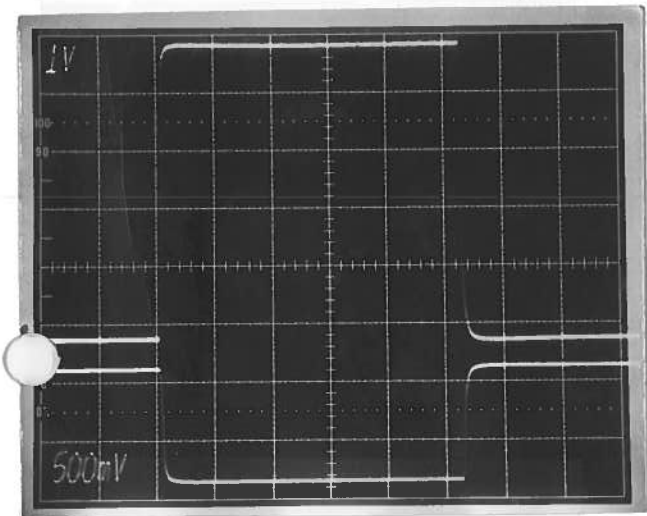
- a) Output signal amplitude:
0 TO 100 AMP.
- b) Pulse width:
10 US TO 10 MS
(20% MAX DUTY CYCLE)
- c) Rise time:
≤ 7 US
- d) Fall time:
≤ 7 US
- e) PRF: *0 TO 1 KHZ.*
20% MAX DUTY CYCLE
- f) Jitter, stability:
OK
- g) Prime power:
 - 1) *+24 VOLTS, 350 mA.*
 - 2) *-12 VDC, 20 AMP.*

PULSE GENERATOR
PERFORMANCE CHECK

Model: *AV-108-LUM 1*

S.N.: *7215 (MOP1)*

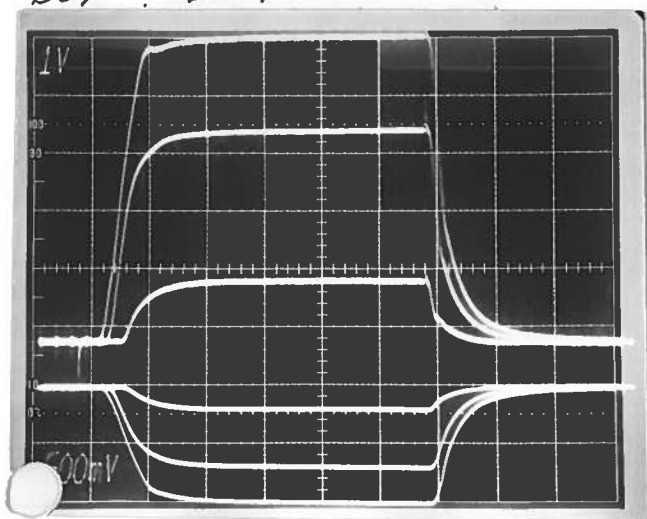
Date: *MAY 29 95*



V_{mon}
 CT
 $PROBE$

- a) Output signal amplitude:
0 TO +100 AMP
- b) Pulse width:
10 μ S TO 1.0 MS
- c) Rise time:
20% MAX DUTY CYCLE
 ≤ 74
- d) Fall time:
 $\leq 7 \mu$ S
- e) PRF:
0 TO 1 KHz
- f) Jitter, stability:
20% MAX DUTY CYCLE
OK

Ⓐ *100 μ S/DIV, $I = 14$ AMP*
 $\hat{I} = 100$ AMP
TOP: V_{mon} out
BOT: ION PHYSICS PROBE out



- g) Prime power:
 $V_{in} = 5.00V$ a) +24VDC, 500mA
 $V_{in} = 3.50V$ b) -12VDC, 20 AMP
 $V_{in} = 120V$

Ⓑ *10 μ S/DIV $I = 1.0$ AMP*
 $\hat{I} = 100, 70 \text{ \& } 20$ AMP