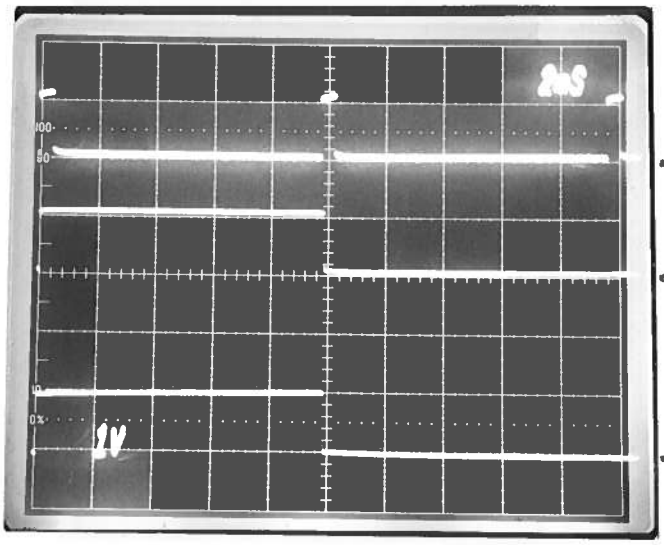
PULSE GENERATOR

PERFORMANCE CHECK

Model: AV-155C-P-NBSA2

S.N.: 8587

Date: OCT 19 1998



a) Output signal amplitude: 0 TO +1.0 AMP (+3 V MAX)

b) Pulse width: 500uS TO 500 mS (50% DUTY CYCLE MAX)

c) Rise time: ≤ 100 NS

d) Fall time: ≤ 100 NS

e) PRF: 1 Hz TO 1 KHz (50% MAX DUTY CYCLE)

f) Jitter, stability: OK

g) Prime power:

a) +15 VDC, 1.4 AMP MAX

b) −15 VDC, 250 mA.

R_L = 1 Ω

TOP LOAD VOLTAGE
1 V/DIV
2 ms/DIV

MID LOAD VOLTAGE
1 V/DIV V_L = 1 V
100 uS/DIV I_L = 1 AMP

BOT MON OUT
1 V/DIV (R_L = 10Ω) V_{MON} = 1 V
100 uS/DIV I_{LOAD} = 1 AMP

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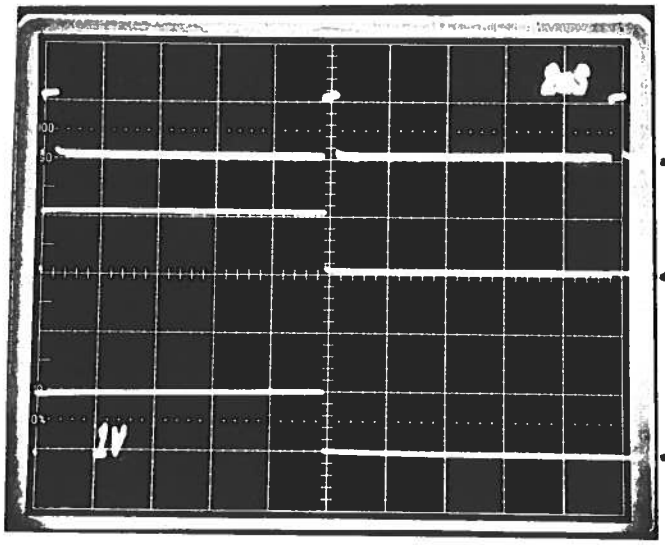

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a) +15 VDC, 1.4 AMP MAX

b) −15 VDC, 250 mA.

$R_L = 1\Omega$

LOC LOAD VOLTAGE
1 V/DIV
2 mS/DIV

MID LOAD VOLTAGE
1 V/DIV $V_L = 1$ V
100 uS/DIV $I_L = 1$ AMP

BOT M OUT
1 V/DIV ($R_L = 10\Omega$)
100 uS/DIV $V_{MON} = 1$ V
$I_{L\ MON} = 1$ AMP