

PULSE GENERATOR
PERFORMANCE CHECK

Model: *AN-155-B-C-N*

S.N.: *8035*

Date: *OCT 13 1994*

- a) Output signal amplitude:
PULSE: 0 TO 800 mA
- b) Pulse width:
DC: 0 TO 200 mA
100 NS TO 100 μS

c) Rise time: *≤ 50 NS*

d) Fall time: *≤ 50 NS*

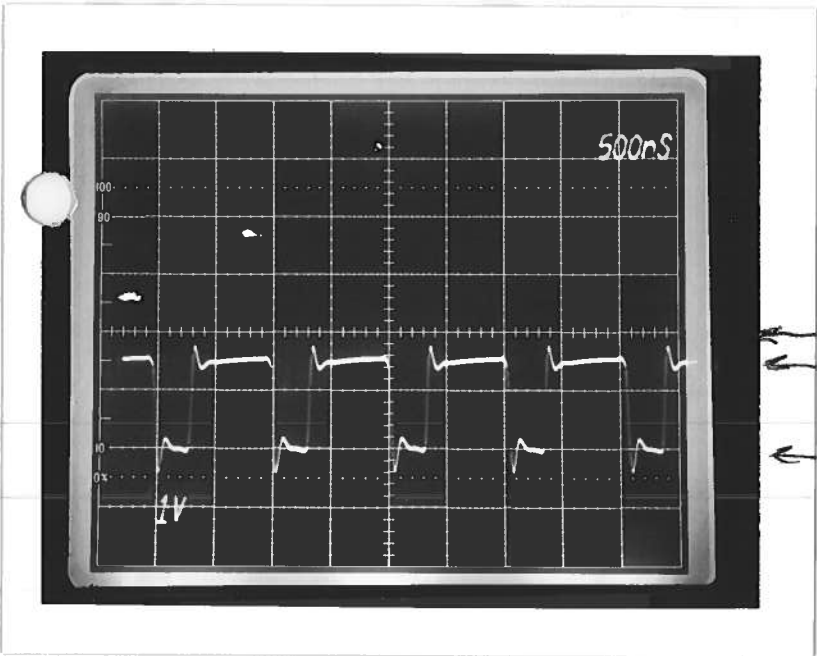
e) PRF: *0 TO 1.0 MHz*

f) Jitter, stability: *OK*

g) Prime power:

120/240 V

50-60 Hz



$R_L = 2.0 \Omega$ (4 SOME INDUCTANCE)

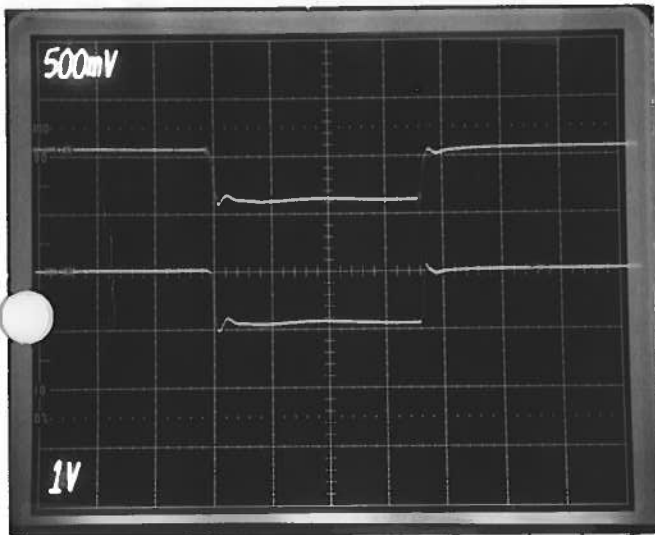
$I_{PULSE} = 0.3 \text{ AMP}$

$I_{DC} = 0.2 \text{ AMP}$

$I_{\Sigma} = 1.0 \text{ AMP}$

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PERFORMANCE CHECK

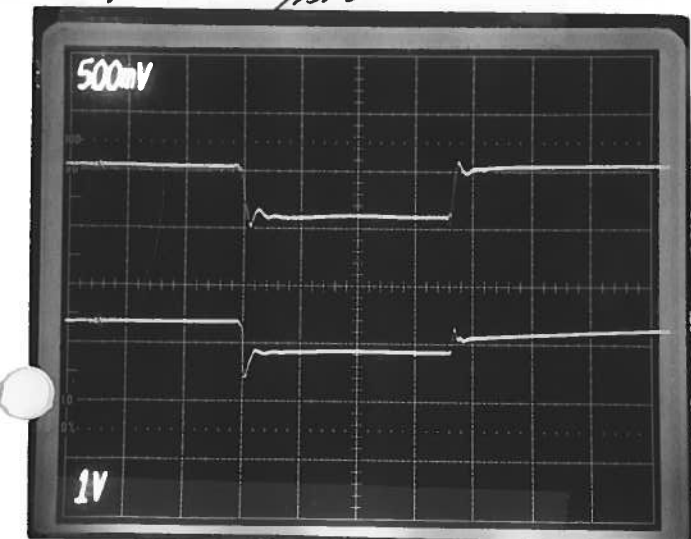
Model: *1A2-155B-C-N*
 S.N.: *8035 (unmod)*
 Date: *DEC 18 1995*



- a) Output signal amplitude:
PULSE: 0 TO -800 mA
OFFSET: 0 TO -200 mA
- b) Pulse width:
100 NS TO 10 US
- c) Rise time:
≤ 50 NS
- d) Fall time:
≤ 50 NS
- e) PRF: *0 TO 1 MHz*

(RESISTIVE LOAD. $R_L = 1 \Omega$), 500 NS/DIV
TOP MONITOR OUT TO H16H2
500 mV/DIV
BOTTOM VOLTAGE ACROSS LOAD R.
1 VOLT/DIV

- f) Jitter, stability:
OK
- g) Prime power:
120/240V, 50-60Hz



MONITOR OUT 500mV/DIV
500 NS/DIV
DIODE VOLTAGE 1V/DIV
500 NS/DIV

(D) DIODE LOAD (IN 459A)

NY