

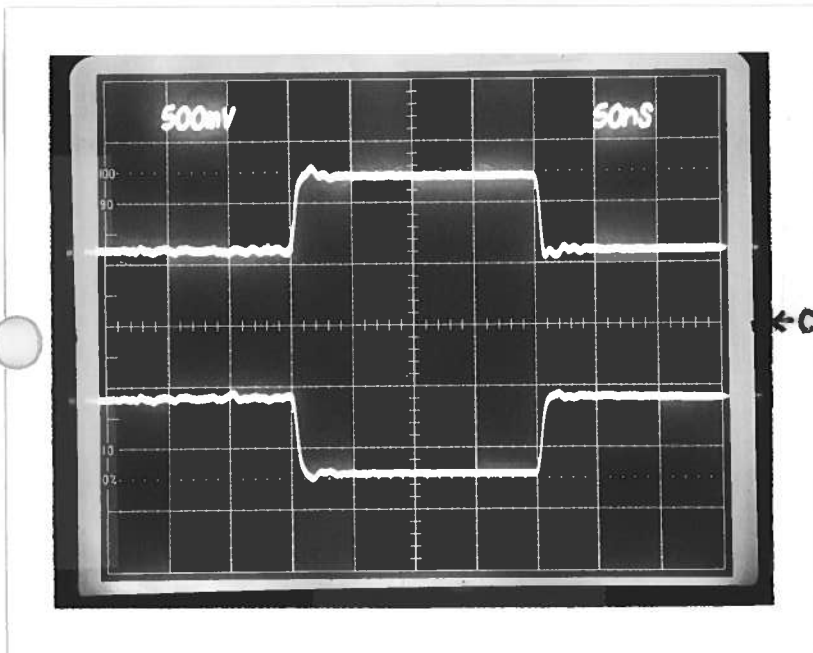
PULSE GENERATOR

PERFORMANCE CHECK

Model: AV-155A-PS-PN (modification)

S.N.: 8715

Date: Feb 15, 1999



Top: +200mA amplitude
+200mA offset
 $R_L = 3.0 \Omega$

Bottom: -200mA amplitude
-200mA DC offset
 $R_L = 3.0 \Omega$

Both: 500mV/div, 50ns/div

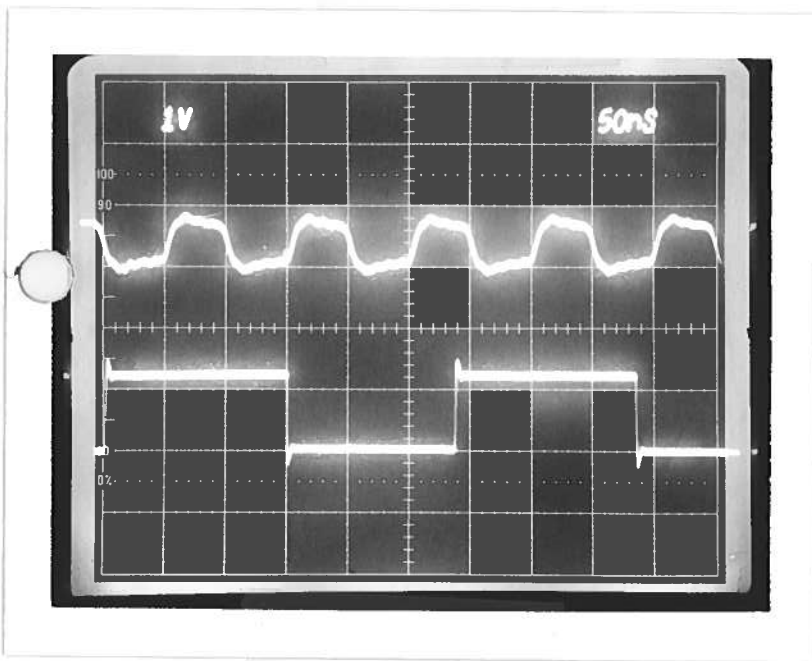
- a) Output signal amplitude:
Pulse: 0 to $\pm 200\text{mA}$
DC: 0 to $\pm 200\text{mA}$
- b) Pulse width:
20ns to 2 μs
- c) Rise time:
 $\leq 10\text{ns}$
- d) Fall time:
 $\leq 10\text{ns}$
- e) PRF:
0 - 10 MHz
- f) Jitter, stability:
OK
- g) Prime power:
120/240V
50 - 60Hz
- h) Noise:
20mA range: 5.6 μA_{RMS}
200mA range: 58 μA_{RMS}
(measured at zero amplitude, into a 50 Ω load.)

PULSE GENERATOR
PERFORMANCE CHECK

Model: AV-155A - PS - P

S.N.: 8715

Date: Dec 18, 1998



- a) Output signal amplitude:
Pulse: 0 to +200mA
DC: 0 to +200mA.
- b) Pulse width:
20ns to 2μs
- c) Rise time:
≤ 10ns
- d) Fall time:
≤ 10ns
- e) PRF:
0 to 10MHz
- f) Jitter, stability: OK
- g) Prime power: 120/240V
50-60Hz

Top: 50ns/div, 1V/div
Bot: 500ns/div, 0.5V/div

