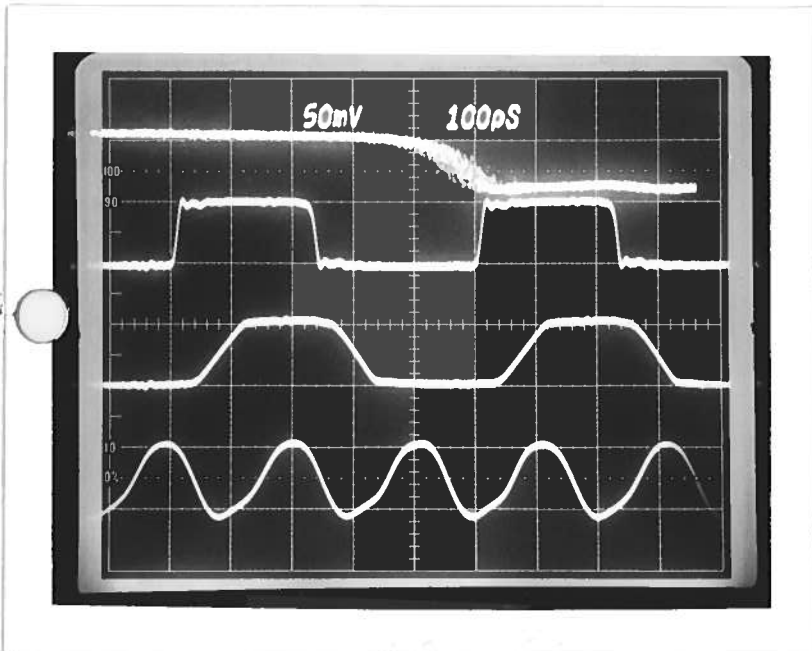


PULSE GENERATOR
PERFORMANCE CHECK

Model: AV-1000-C .

S.N.: 9121

Date: Nov. 10, 1999



- a) Output signal amplitude: ✓
0 to ±10V, TTL, ECL, and complements
- b) Pulse width: ✓
10ns - 1ms
- c) Rise time: ✓
5ns - 1ms
- d) Fall time: ✓
5ns - 1ms
- e) PRF: ✓
1kHz - 50MHz
- f) Jitter, stability: ✓
OK
- g) Prime power:
120/240V, 50-60Hz

Trace #1 Jitter Check
100ps/div, 5V/div
AV-1000-C used to trigger
high-speed AVK-AV-N-PS.

Trace #2 50ns/div, 5V/div
PRF ~ 4MHz, t_r and t_f
at minimum. $R_L = 50\Omega$

Trace #3 As #2, but t_r , t_f
increased.

Trace #4 10ns/div, 5V/div
50MHz operation.
 t_r , t_f at minimum.

Setup for Trace #1

