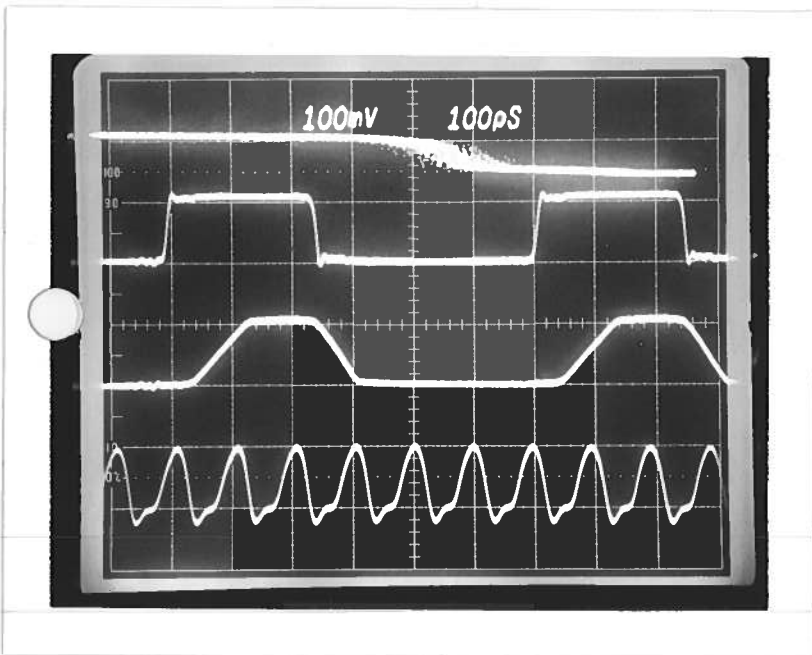


PULSE GENERATOR
PERFORMANCE CHECK

Model: AV-1000-C

S.N.: 8554

Date: July 30, 1998



- a) Output signal amplitude:
0 To $\pm 10V$, TTL, ECL + Complements
- b) Pulse width:
10ns to 1ms
- c) Rise time:
5ns to 1.0ms
- d) Fall time:
5ns to 1.0ms
- e) PRF:
1kHz to 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 AVK-AV-N-PS

Trace #2 50ns/div, 5V/div
PRF ≈ 3 MHz, t_r and t_f
at minimum. $R_L = 50 \Omega$

Trace #3 As #2, but t_r, t_f
increased to ≈ 50 ns

Trace #4 20ns/div, 5V/div
PRF ≈ 50 MHz
 t_r, t_f at minimum.

Setup for Trace #1

