

PULSE GENERATOR
PERFORMANCE CHECK

Model: AV-1002-C

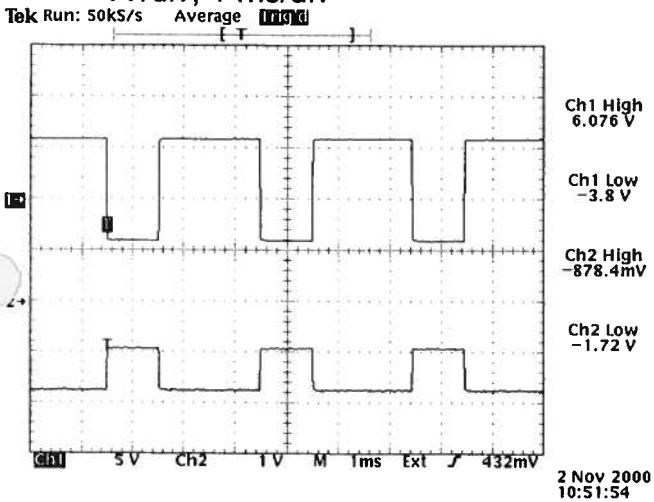
S.N.: 9602

Date: November 2, 2000

Wide Pulse Test:

Top: OUT, -10V with +6V offset, 1 ms PW, into 50 Ω
5V/div, 1 ms/div

Bot: LOGIC output into 50 Ω load, set to ECL mode
1V/div, 1 ms/div



a) Output Signal Amplitude: 0 to $\pm 10V$,
plus TTL and ECL outputs. ✓

b) DC Offset: 0 to $\pm 10V$ ✓

c) Pulse Width: 50 ns - 1 ms ✓

d) Rise Time: 5 ns ✓

e) Fall Time: 5 ns ✓

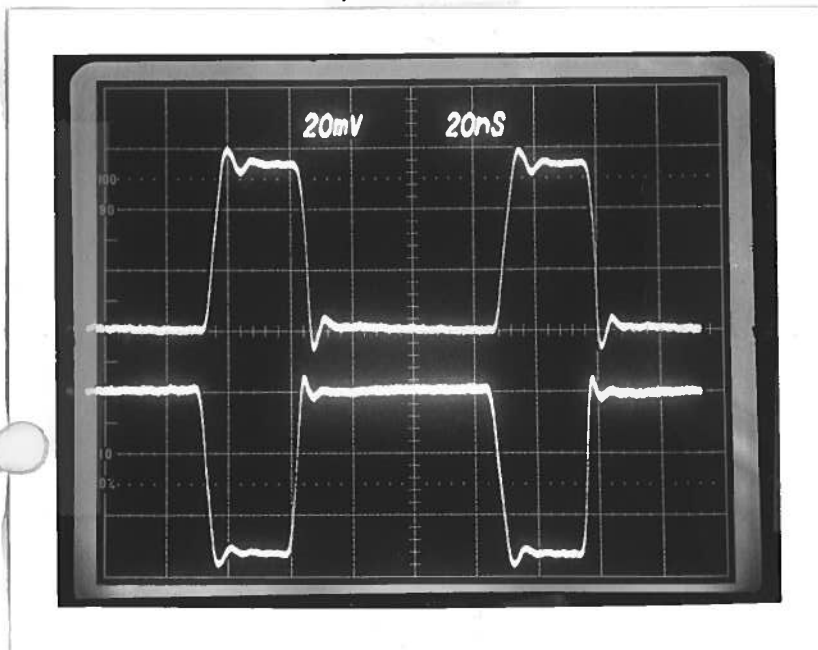
f) PRF: 1 Hz - 10 MHz ✓

g) Jitter, Stability: OK ✓

h) Prime Power: 120/240V AC, 50-60 Hz, ✓

Rise Time Test:

Top: +5V into 50 Ω , at minimum pulse width and
maximum pulse repetition frequency. 2V/ div, 20 ns/div
Bottom: -5V into 50 Ω , similar conditions



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