

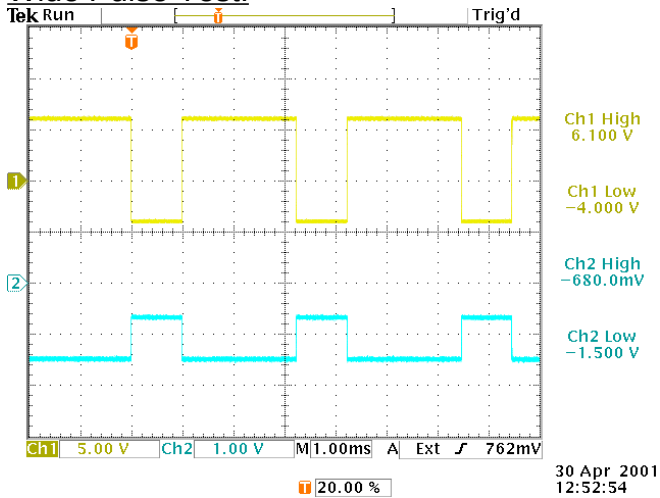
PULSE GENERATOR  
PERFORMANCE CHECK

Model: AV-1002-C-TRF

S.N.: 9758

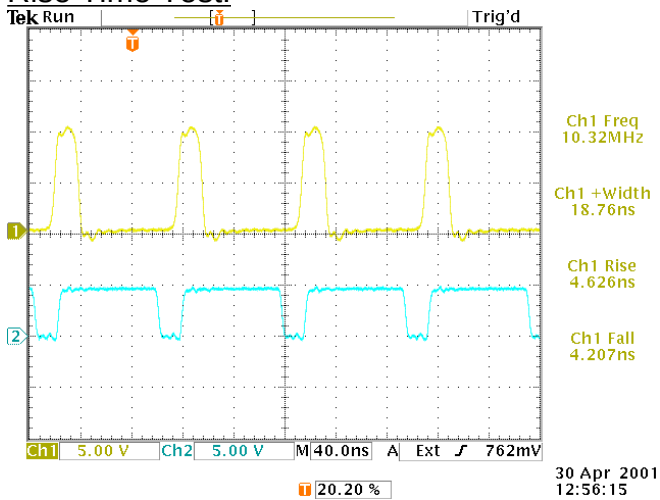
Date: April 30, 2001

Wide Pulse Test:



Top: OUT, -10V with +6V offset, 1 ms PW, into 50  $\Omega$   
5V/div, 1 ms/div  
Bot: ECL OUT into 50  $\Omega$  load, 1V/div, 1 ms/div

Rise Time Test:



Top: +10V into 50 $\Omega$ , near minimum pulse width and at maximum pulse repetition frequency  
Bottom: NOT TTL OUT, same settings  
Both: 5 V/div, 40 ns/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,