



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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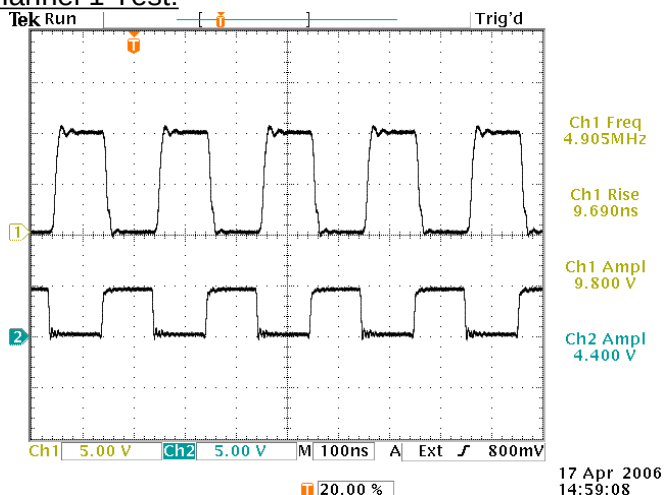
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PERFORMANCE CHECKSHEET

Model: AV-1021D-B
Type: General Purpose Pulse Generator
S.N.: 11464
Date: April 17, 2006

Channel 1 Test:

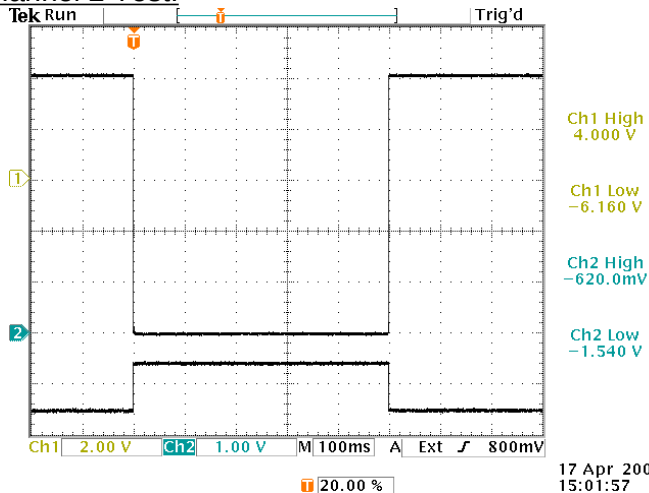


17 Apr 2006
14:59:08

Top: OUT 1, +10V amplitude, 0V offset, to 50Ω
Bottom: Logic CH 1 complement, TTL, to 50Ω
Both: Frequency 5 MHz, 5V/div, 100 ns/div

- a) Output Signal Amplitude: 0 to ±10V
- b) Pulse Width (FWHM): 30 ns - 500 ms
- c) Rise Time (20%-80%): < 10 ns
- d) Fall Time (80%-20%): < 10 ns
- e) PRF: 1Hz - 10 MHz
- f) Jitter, Stability: OK
- g) Prime Power: 100-240V AC, 50-60 Hz.

Channel 2 Test:



17 Apr 2006
15:01:57

Top: OUT2, -10V ampl, +4V offset, to 50Ω, 2V/div.
Bottom: Logic CH 2, ECL, to 50Ω, 1V/div
Both: Frequency 1 Hz, 100 ms/div

References levels: 10%, 90%.