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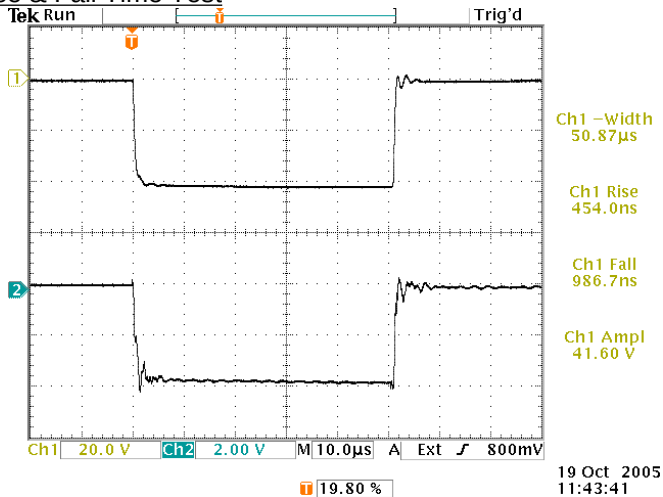
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PERFORMANCE CHECKSHEET

Model: AVO-8C1-B-N-DB37
S.N.: 11310
Date: October 19, 2005

Rise & Fall Time Test

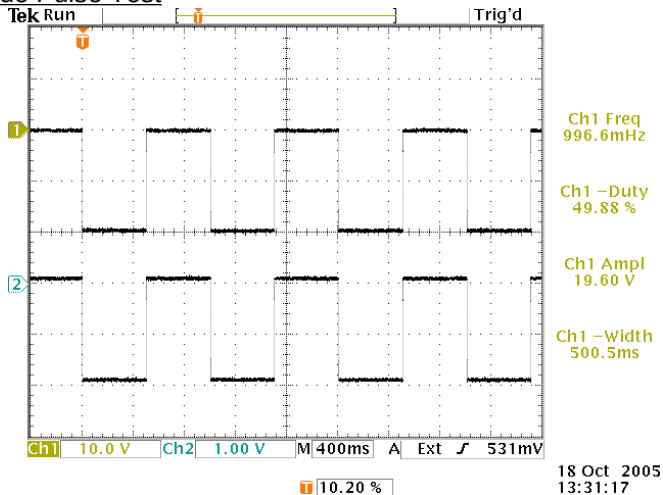


- a) Output Signal Amplitude: 0 to -40V,
0 to -200 Amps.
- b) Pulse Width (FWHM) : 2 us - 1 s
- c) Rise Time (20%-80%): < 1 us
- d) Fall Time (80%-20%): < 1 us
- e) PRF: 1 Hz - 1 kHz
- f) Jitter, Stability: OK
- g) Prime Power: 100-240V AC, 50-60 Hz.

Top: 10 Hz, 50 us, -40V into 0.206Ω. 20 V/div, 10 us/div.
Bottom: Monitor output. 2 V/div, 10 us/div.

Rise/fall reference levels: 10%, 90%
Load: Five AX10GK resistors in parallel, on the end of an AV-CLZ1-100 cable. Power supply: Sorensen DCR 40-70B.

Wide Pulse Test



Top: 1 Hz, 500 ms, -20V into a 0.2Ω load. (-100 Amps)
Bottom: Monitor output. 1 V/div, 400 ms/div.
10 V/div, 400 ms/div.
Load: One-hundred 20 Ohm wirewound resistors in parallel.
Power supply: Xantrex XFR 20-130.

