

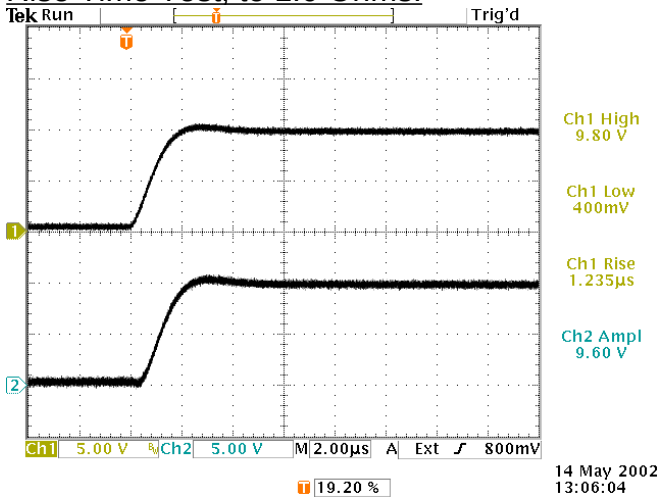
PULSE GENERATOR  
PERFORMANCE CHECK

Model: AV-156G-B

S.N.: 10207

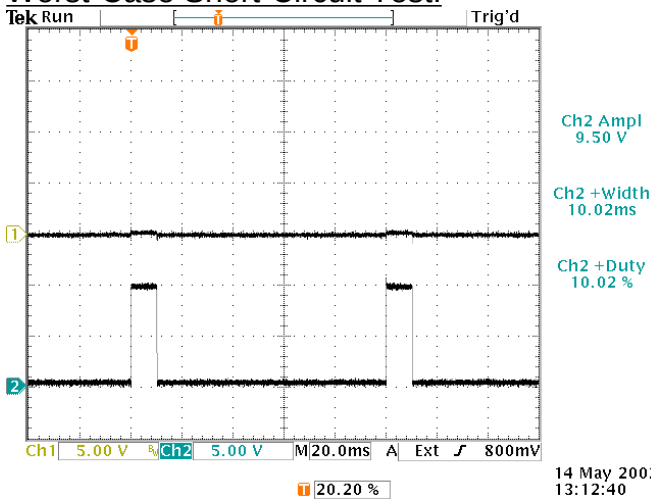
Date: May 14, 2002

Rise Time Test, to 1.0 Ohms:



Top: OUT, 9.5A amplitude with 0.5A offset into 1.0Ω  
100 us PW, 10 Hz PRF, 5V/div, 4 us/div  
Bot: Monitor output into 10kΩ load, 5V/div, 4 us/div

Worst-Case Short-Circuit Test:



Top: OUT, 9.5A amplitude with 0.5A offset, into 0Ω  
10ms PW, 10 Hz PRF, 5V/div, 20 ms/div  
Bot: Monitor output into 10kΩ load, 5V/div, 20 ms/div

- a) Output Signal Amplitude: 0.01 to 10.0A
- b) DC Offset: 0 - 500 mA
- c) Pulse Width: 10 µs - 10 ms
- d) Rise Time: < 4 µs
- e) Fall Time: < 4 µs
- f) PRF: 1 Hz - 10 kHz
- g) Jitter, Stability: OK
- h) Prime Power: 120/240V AC, 50-60 Hz,