

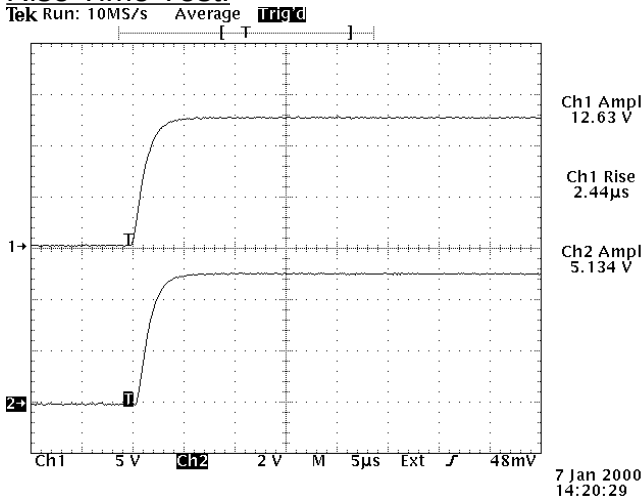
PULSE GENERATOR  
PERFORMANCE CHECK

Model: AV-156A-B

S.N.: 9131

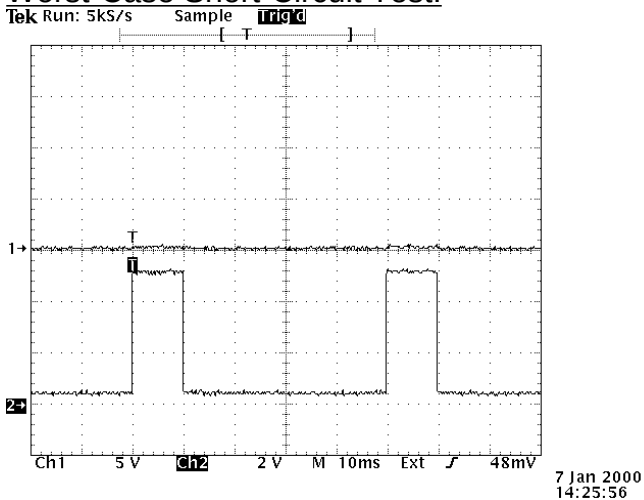
Date: January 7, 2000

Rise Time Test:



Top: OUT, 5A into 2.5Ω load, zero offset,  
10ms PW, 20 Hz PRF, 5V/div, 5 us/div  
Bot: Monitor output into 10kΩ load, 2V/div, 5us/div

Worst-Case Short-Circuit Test:



Top: OUT, 4.5A amplitude with 0.5A offset, into 0Ω  
10ms PW, 20 Hz PRF, 5V/div, 10 ms/div  
Bot: Monitor output into 10kΩ load, 2V/div, 10 ms/div  
 $I_{AC} = 0.97A @ 115 V_{AC}$  for this test.

a) Output Signal Amplitude: 0-5A

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: 0.1Hz - 10 kHz

g) Jitter, Stability: OK

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