

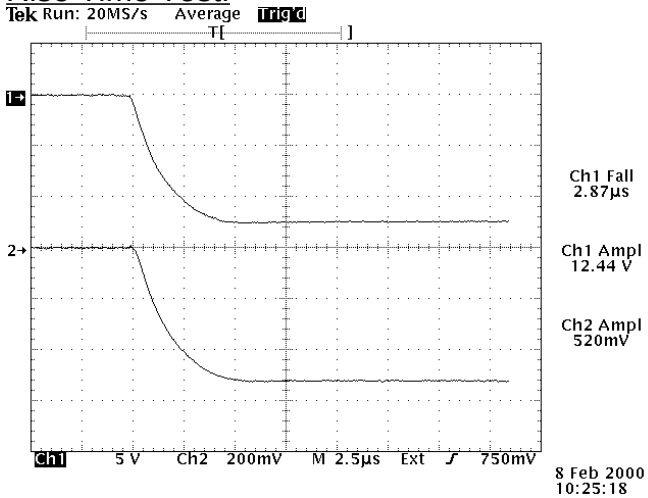
PULSE GENERATOR
PERFORMANCE CHECK

Model: AV-156A-C-N

S.N.: 9165

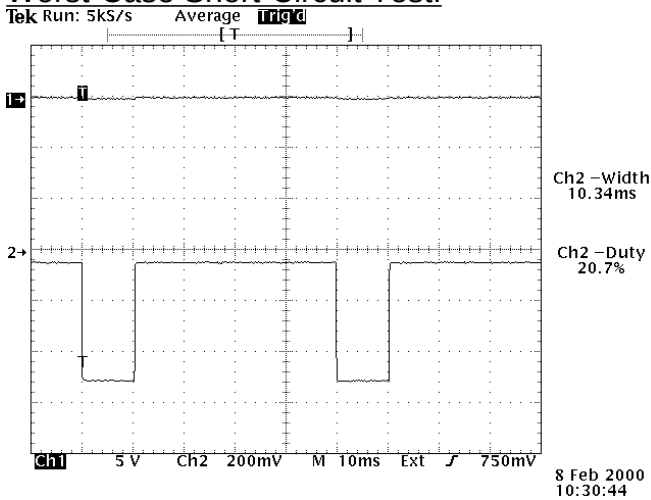
Date: February 8, 2000

Rise Time Test:



Top: OUT, -5A into 2.5 Ω load, zero offset,
10ms PW, 20 Hz PRF, 5V/div, 2.5 μ s/div
Bot: Monitor output into 10k Ω load, 0.2V/div, 2.5 μ s/div

Worst-Case Short-Circuit Test:



Top: OUT, -4.5A amplitude with -0.5A offset, into 0 Ω
10ms PW, 20 Hz PRF, 5V/div, 10 ms/div
Bot: Monitor output into 10k Ω load, 0.2V/div, 10 ms/div

a) Output Signal Amplitude: 0 to -5A

b) DC Offset: 0 to -500 mA

c) Pulse Width: 10 μ s - 10 ms

d) Rise Time: < 4 μ s

e) Fall Time: < 4 μ s

f) PRF: 0.1Hz - 10 kHz

g) Jitter, Stability: OK

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