

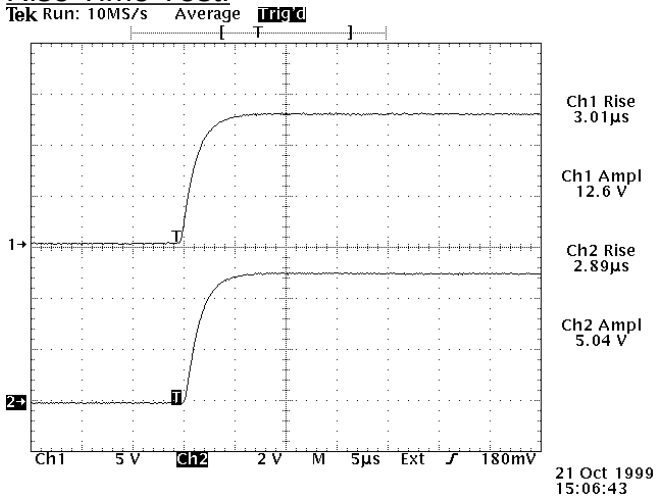
PULSE GENERATOR
PERFORMANCE CHECK

Model: AV-156A-B-P

S.N.: 9085

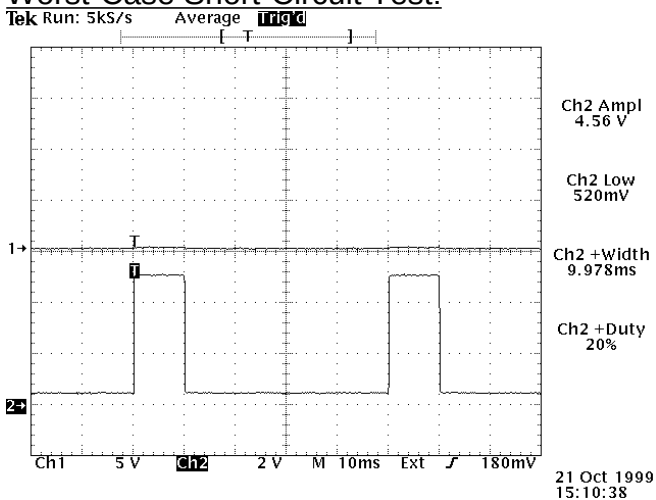
Date: October 21, 1999

Rise Time Test:



Top: OUT, 5A into 2.5 Ω load, zero offset,
10ms PW, 20 Hz PRF, 5V/div, 5 μ s/div
Bot: Monitor output into 10k Ω load, 2V/div, 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, 2V/div, 10 ms/div
 $I_{AC} = 1.0A @ 115 V_{AC}$ for this test.

a) Output Signal Amplitude: 0-5A

b) DC Offset: 0 - 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,