

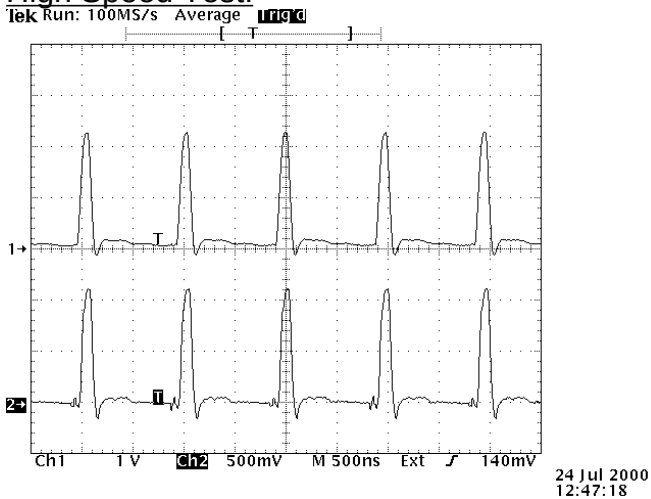
PULSE GENERATOR
PERFORMANCE CHECK

Model: AV-155C-P

S.N.: 9263

Date: July 24, 2000

High Speed Test:



Top: OUT, +2A into 1Ω load, 1 MHz, 100 ns PW. 1V/div
Bottom: Monitor output into 10 kΩ load. 500mV/div
Both: 500 ns/div

a) Output Signal Amplitude: 0 to +2 A,
plus 0 to +500 mA offset

b) Pulse Width: 100 ns – 1 ms

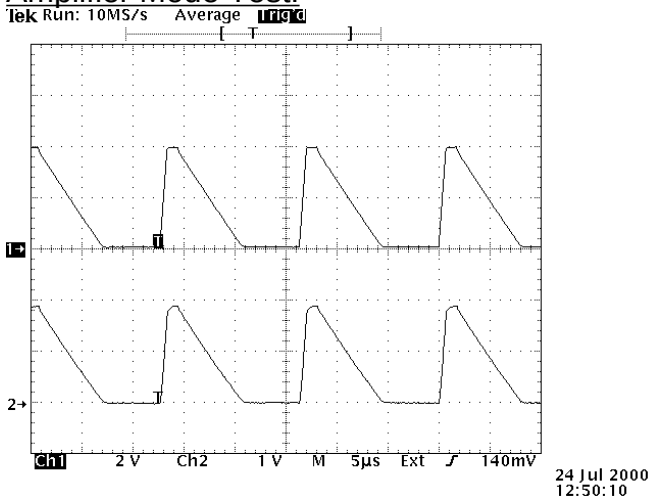
c) Rise Time: < 50 ns

d) Fall Time: < 50 ns

e) PRF: 1 Hz - 1 MHz

f) Jitter, Stability: OK

Amplifier Mode Test:



Top: OUT, +4V input from AV-1000-C pulse generator
Bottom: +2A output into 1 Ohm, "A" mode.
Both: 5 us/div

g) Prime Power:
+15V DC (300 mA quiescent current)
-15V DC (200 mA quiescent current)