

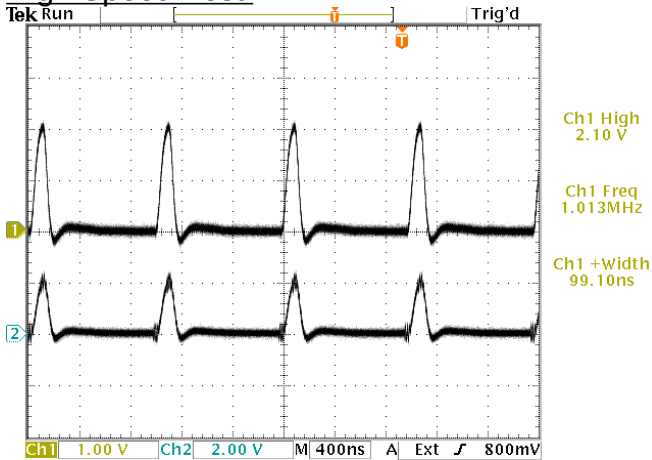
PULSE GENERATOR
PERFORMANCE CHECK

Model: AV-155C-C-PN subsystem (part of AV-155C-C-PN-ATTA system)

S.N.: 10352B

Date: September 16, 2002

High Speed Test:



Top: OUT, +2A into 1Ω load (on LZ line), 1 MHz, 100 ns PW
Bottom: Monitor output into 10 kΩ load.
Both: 1 V/div, 400 ns/div

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

b) Pulse Width: 100 ns – 1 ms

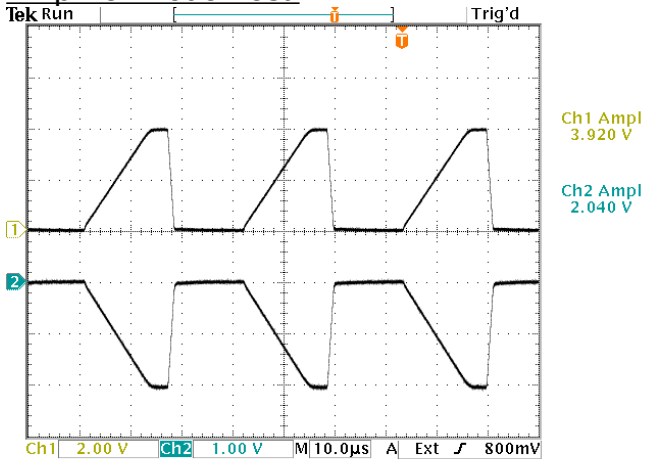
c) Rise Time: < 50 ns

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, "Ext Amplify" mode,
negative polarity.
Both: 10 μs/div

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