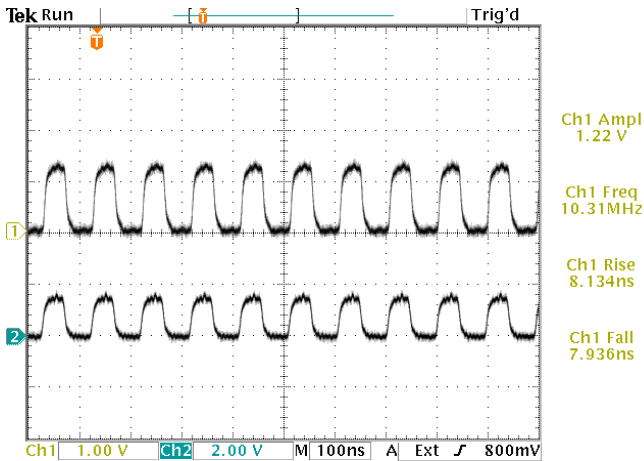


PULSE GENERATOR
PERFORMANCE CHECK

Model: AV-155A-C-P

S.N.: 10438

Date: January 16, 2003



Top: Main Output, 0.2A into 6.2Ω load at end of LZ6 transmission line. 50 ns PW, 10 MHz
Internal Trigger mode. 0.5 V/div, 40 ns/div.
Bot: Monitor out. 2V/div.

a) Output Signal Amplitude: 0 to +200 mA, plus 0 to +200 mA offset

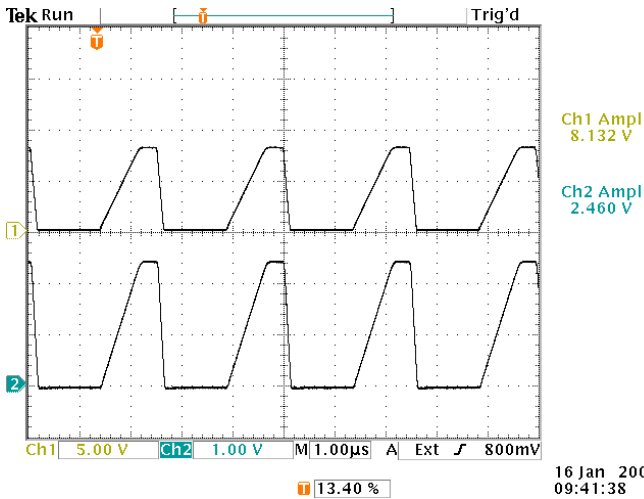
b) Pulse Width: 20 ns – 20 ms

c) Rise Time: < 10 ns

d) Fall Time: < 10 ns

e) PRF: 1 Hz - 10 MHz

f) Jitter, Stability: OK



Top: AMP input, from AV-1000-C pulse generator.
EXT AMPLIFY mode. 5 V/div, 1 μs/div.
Bottom: OUT, 0.4A into 6.2Ω load at end of LZ6 transmission line. 1 V/div, 1 μs/div

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

