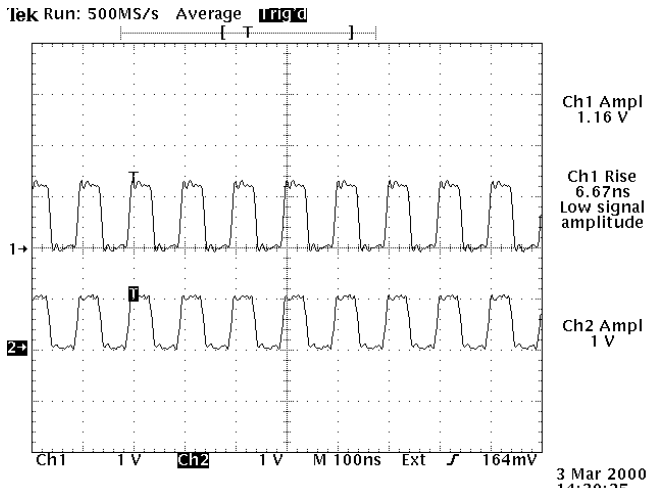


PULSE GENERATOR
PERFORMANCE CHECK

Model: AV-155A-C-PN

S.N.: 9170

Date: March 3, 2000



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

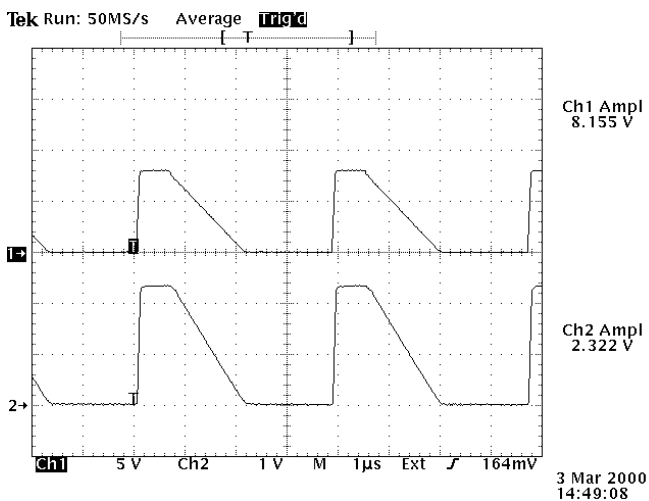
d) Fall Time: < 10 ns

e) PRF: 1 Hz - 10 MHz

f) Jitter, Stability: OK

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

Top: OUT, 0.2A into 6Ω load at end of LZ6 transmission line. 45 ns PW, 10 MHz
Internal Trigger mode. 1V/div, 100 ns/div.
Bottom: Monitor output, 50Ω load. 1V/div, 100 ns/div



Top: AMP input, from AV-1000-C pulse generator.
EXT AMPLIFY mode. 5 V/div, 1 us/div.
Bottom: OUT, 0.4A into 6Ω load at end of LZ6 transmission line. 1 V/div, 1 us/div