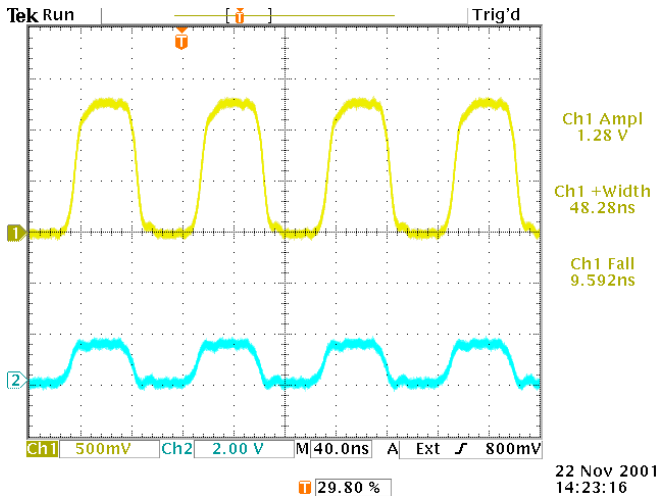


PULSE GENERATOR
PERFORMANCE CHECK

Model: AV-155A-B-PN-R5-S5

S.N.: 10004

Date: November 22, 2001



Top: OUT, 0.2A into 6.2Ω load at end of LZ6 transmission line. 50 ns PW, 10 MHz
Internal Trigger mode. 2V/div, 50 ns/div.
Bottom: Monitor output, 10 kΩ load. 1V/div, 1 us/div

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

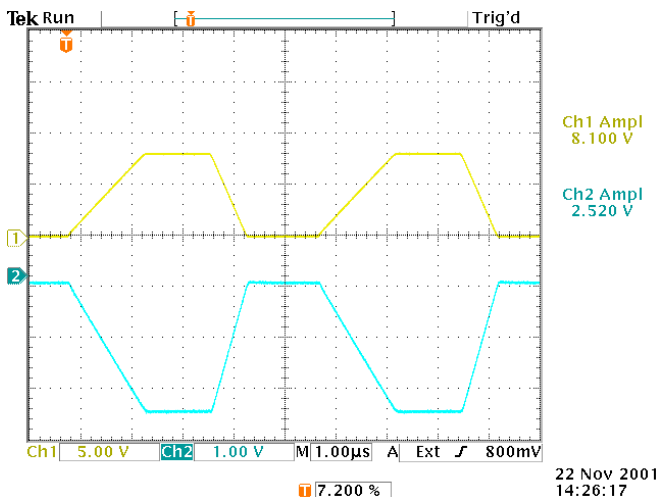
b) Pulse Width: 20 ns – 1 s

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 us/div.
Bottom: OUT, -0.4A into 6.2Ω load at end of LZ6 transmission line. 1 V/div, 1 us/div

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