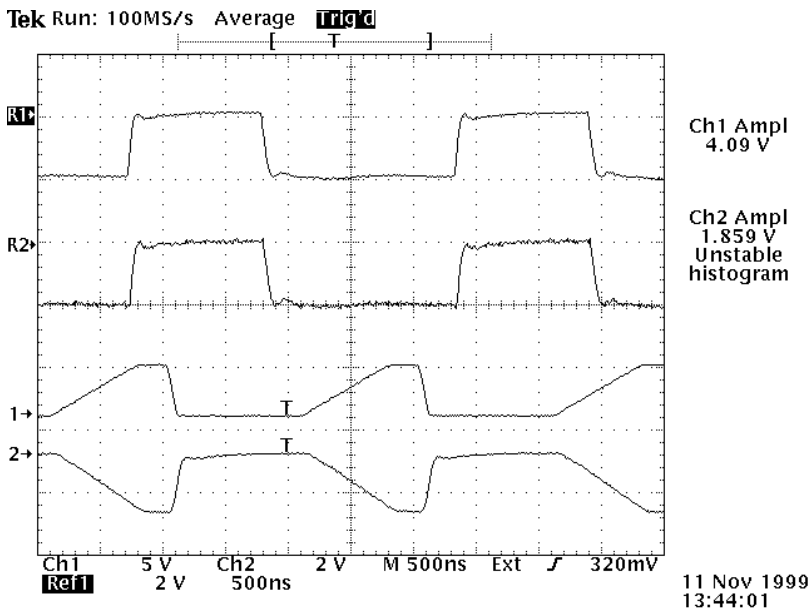


PULSE GENERATOR  
PERFORMANCE CHECK

Model: AV-155C-C-N

S.N.: 9108

Date: November 11, 1999



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

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

Waveform R1: OUT, -2A into 1Ω load.  
Internal Trigger mode. 2V/div, 500 ns/div.  
400 kHz, 1.5 us pulse width.

Waveform R2: Monitor output into 10 kΩ load.  
Same conditions as Waveform R1.  
1V/div, 500 ns/div.

Waveform 1: 0 to +4V input in "Ext A" voltage-to-current conversion mode.

Waveform 2: 0 to -2A output for the input shown in Waveform 1. 2V/div, 500 ns/div.