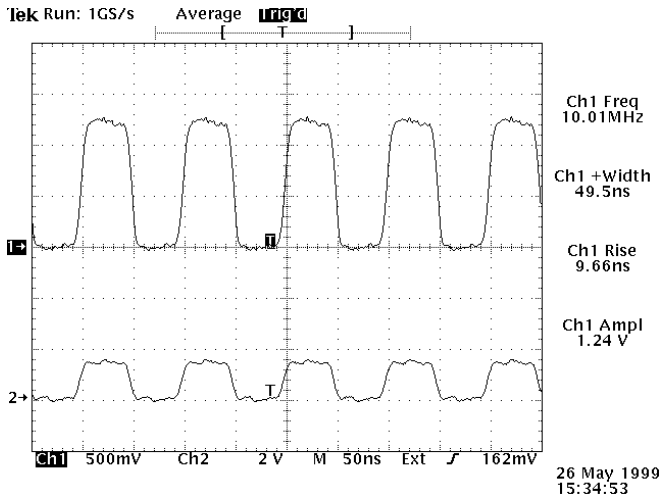


PULSE GENERATOR
PERFORMANCE CHECK

Model: AV-155A-B-P

S.N.: 8941

Date: May 26, 1999



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

b) Pulse Width: 20 ns – 2 us

c) Rise Time: < 10 ns

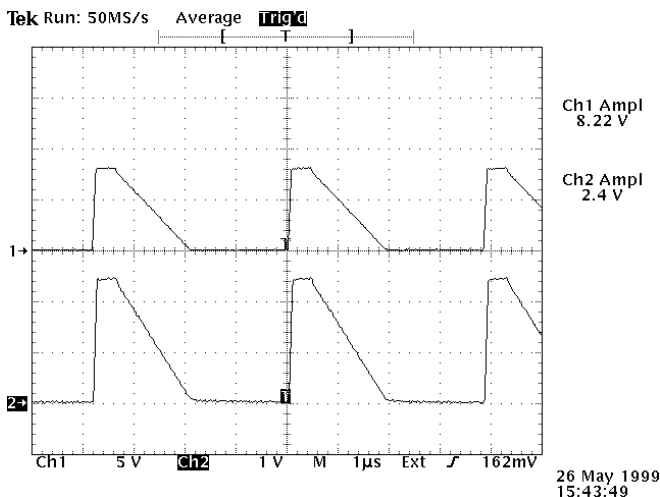
d) Fall Time: < 10 ns

e) PRF: 1 Hz - 10 MHz

f) Jitter, Stability: OK

Top: OUT, 0.2A into 6Ω 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

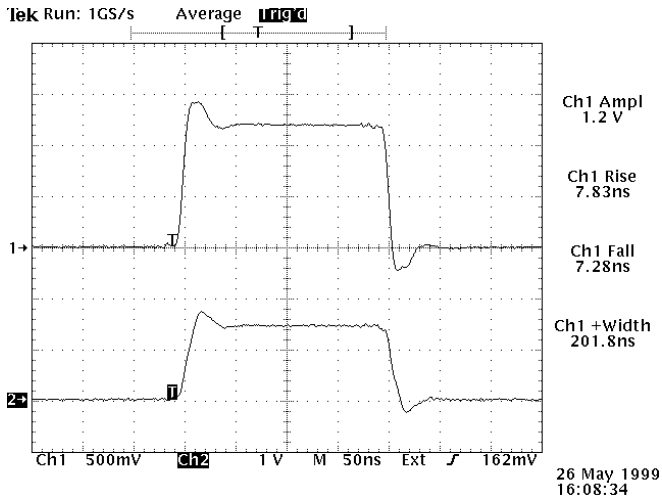
g) Prime Power: 120/240V AC, 50-60 Hz,



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

Extra photos for our records:

0.2 A into 6 Ohms at end of 6" RG-174 line, plus monitor output:



0.2 A into 1 Ohm at end of 6" RG-174 line, plus monitor output:

