

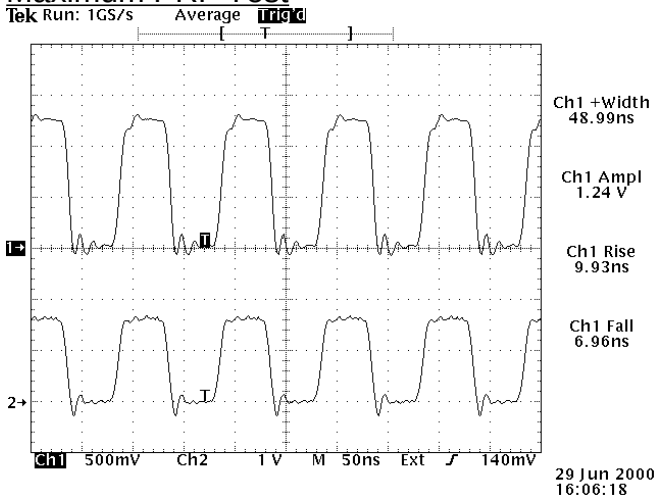
PULSE GENERATOR
PERFORMANCE CHECK

Model: AV-155A-B-P

S.N.: 9310

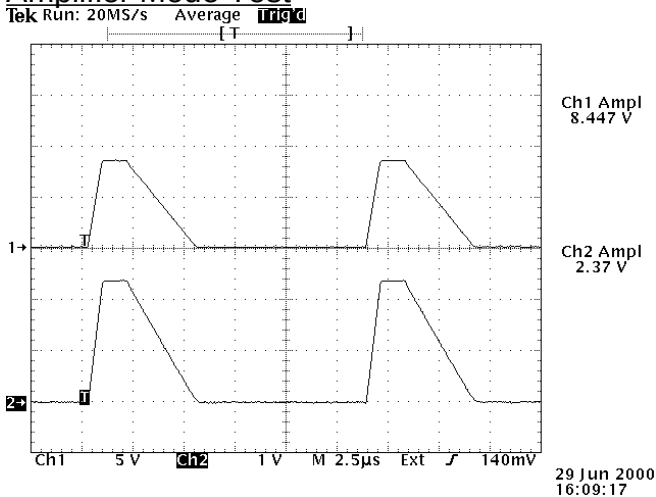
Date: June 29, 2000

Maximum PRF Test



Top: OUT, 0.2A into 6.22Ω load at end of LZ6 transmission line. 50 ns PW, 10 MHz.
Bottom: Monitor output, 10 kΩ load. 50 ns/div.

Amplifier Mode Test



Top: AMP input, from AV-1000-C pulse generator. EXT AMPLIFY mode. 5 V/div, 2.5 us/div.
Bottom: OUT, 0.4A into 6.22Ω load at end of LZ6 transmission line. 1 V/div, 2.5 us/div

- a) Output Signal Amplitude: 0 to +200 mA, plus 0 to +200 mA offset
- b) Pulse Width: 20 ns - 1s*
*improved specification
- 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,