



P.O. BOX 265  
OGDENSBURG, NY  
U.S.A. 13669-0265

TEL: 888-670-8729 (USA & Canada) or +1-613-226-5772 (Intl)  
FAX: 800-561-1970 (USA & Canada) or +1-613-226-2802 (Intl)

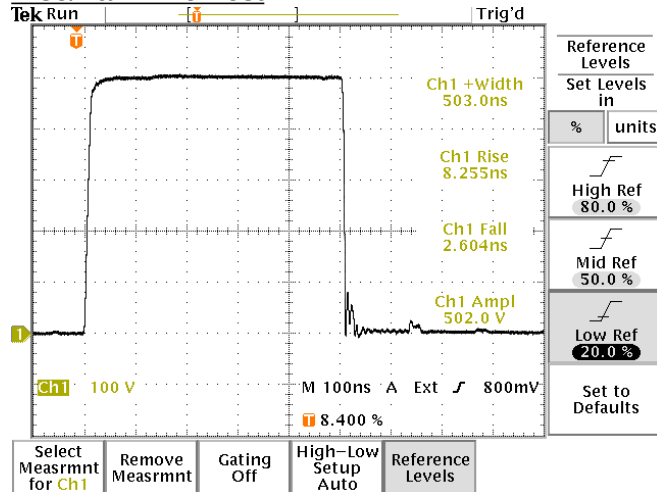
BOX 5120, LCD MERIVALE  
OTTAWA, ONTARIO  
CANADA K2C 3H4

info@avtechpulse.com - http://www.avtechpulse.com/

PERFORMANCE CHECKSHEET

Model: AVRZ-5W-B-EA-INV  
Type: High-Speed, High-Voltage Pulse Generator  
S.N.: 11570  
Date: September 29, 2006

Rise/Fall Time Test



+500V, 50Ω load, PW = 500 ns. 100 V/div, 100 ns/div.

a) Output Signal Amplitude: 0 to +500V, to 50Ω

b) Pulse Width: 15 ns - 10 us, 0.1% duty cycle

c) Rise Time (20%-80%): < 10 ns

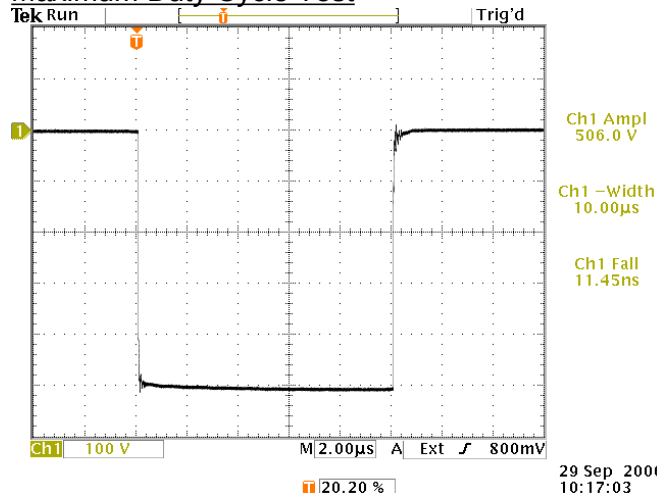
d) Fall Time (80%-20%): < 5 ns

e) PRF: 1 Hz - 5 kHz

f) Jitter, Stability: OK

g) Prime Power: 100-240V AC, 50-60 Hz

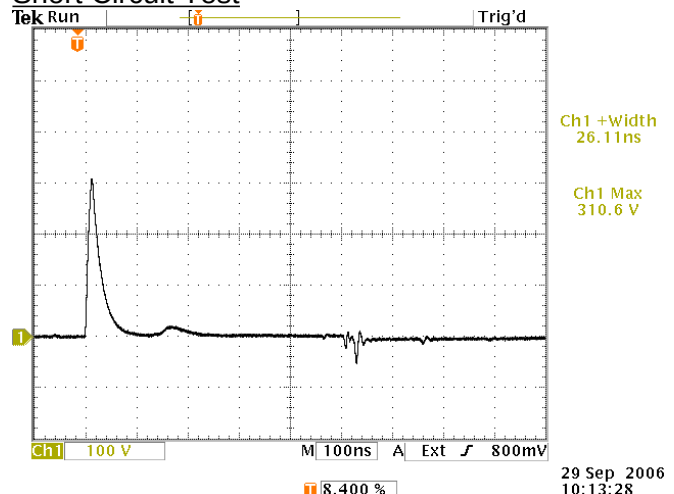
Maximum Duty Cycle Test



-500V (inverted using AVX-R5), 50Ω load, PW = 10 us, PRF = 100 Hz. 100 V/div, 2 us/div.

Reference levels: 20%, 80%.

Short Circuit Test



500 ns, +500V into a 50Ω load shorted with a 12" length of patch cord. 100 V/div, 100 ns/div.