



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

TEL: 888-670-8729 (USA & Canada) or +1-613-686-6675 (Intl)
FAX: 800-561-1970 (USA & Canada) or +1-613-686-6679 (Intl)

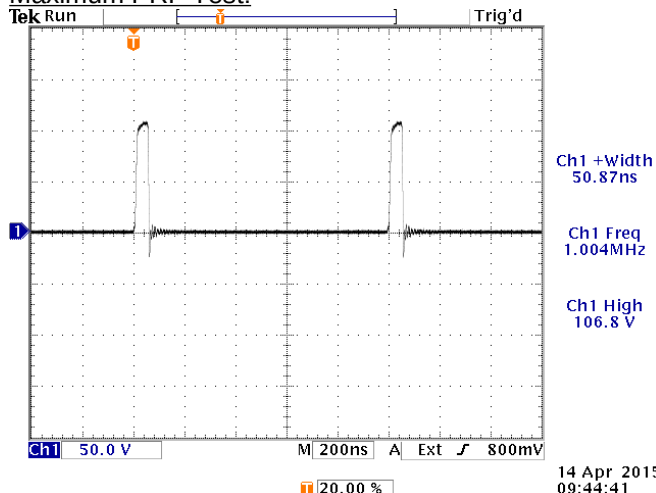
BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H5

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

PERFORMANCE CHECKSHEET

Model: AV-1010-B
Type: General-Purpose High-Voltage Pulse Generator
S.N.: 13292
Date: April 14, 2015

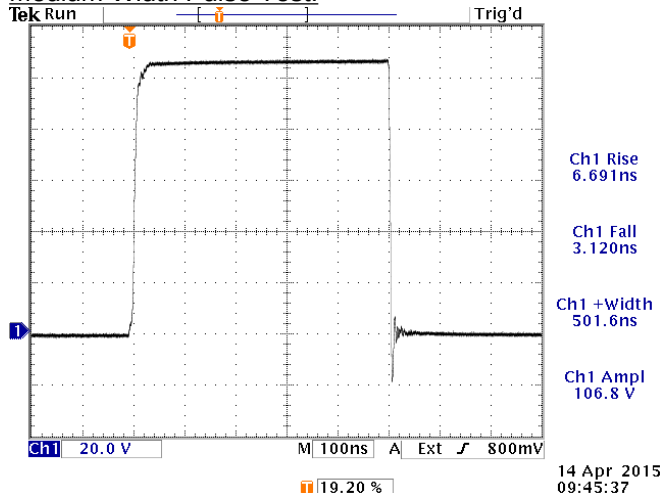
Maximum PRF Test:



Output waveform (50V/div, 200 ns/div) for:
PRF=1 MHz, PW=50 ns, AMPL > +100V, ZOUT=2Ω

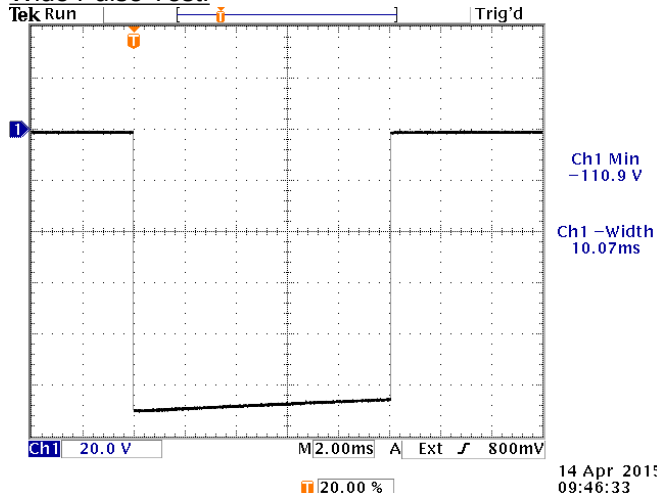
- a) Output Signal Amplitude: up to ±100V (RL ≥ 50Ω)
- b) Pulse Width (FWHM): 20 ns - 10 ms (10% max. duty cycle at 100V / 50Ω)
- c) Rise Time (20%-80%): ≤ 10 ns
- d) Fall Time (80%-20%): ≤ 10 ns
- e) PRF: 0 - 1 MHz
- f) Jitter, Stability: OK
- g) Prime Power: 100-240V AC, 50-60 Hz.

Medium Width Pulse Test:



Output waveform (20V/div, 100 ns/div) for:
PRF=100 kHz, PW=500ns, AMPL > +100V, ZOUT=2Ω

Wide Pulse Test:



Output waveform (20V/div, 2 ms/div) for:
PRF=5 Hz, PW=10 ms, AMPL=MIN, ZOUT=2Ω

Reference levels: 20%, 80%