



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)

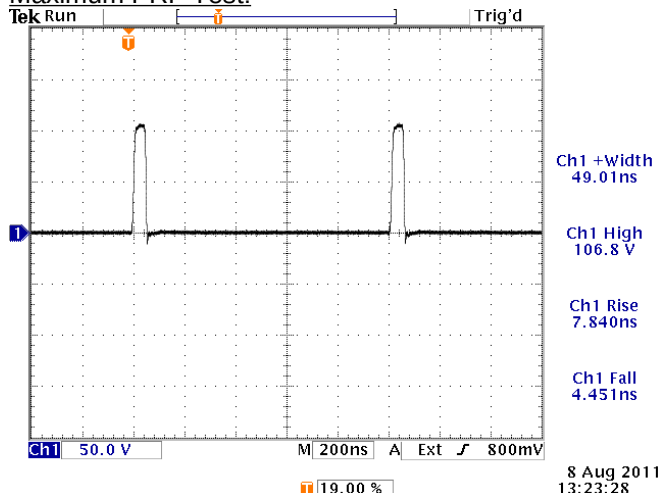
BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H4

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

PERFORMANCE CHECKSHEET

Model: AV-1010-B-AC00-TNT
Type: General-Purpose High-Voltage Pulse Generator
S.N.: 12703
Date: August 8, 2011

Maximum PRF Test:



a) Output Signal Amplitude: 0 to $\pm 100V$
($RL \geq 50\Omega$)

b) Pulse Width (FWHM): 25 ns - 10 ms
(10% max. duty cycle at 100V)

c) Rise Time (20%-80%): ≤ 10 ns

d) Fall Time (80%-20%): ≤ 10 ns

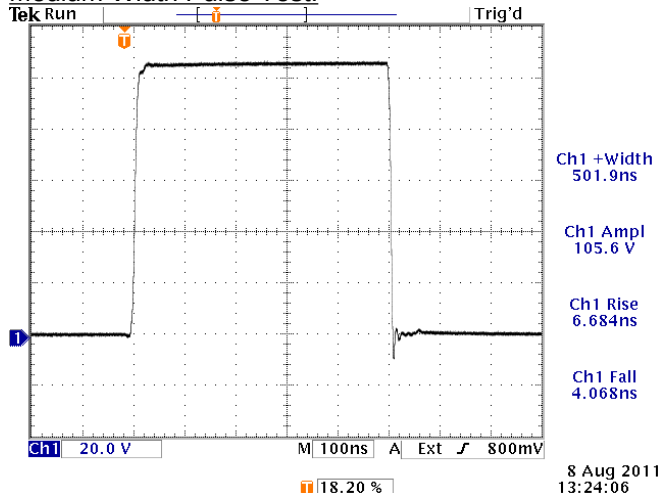
e) PRF: 0 - 1 MHz

f) Jitter, Stability: OK

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

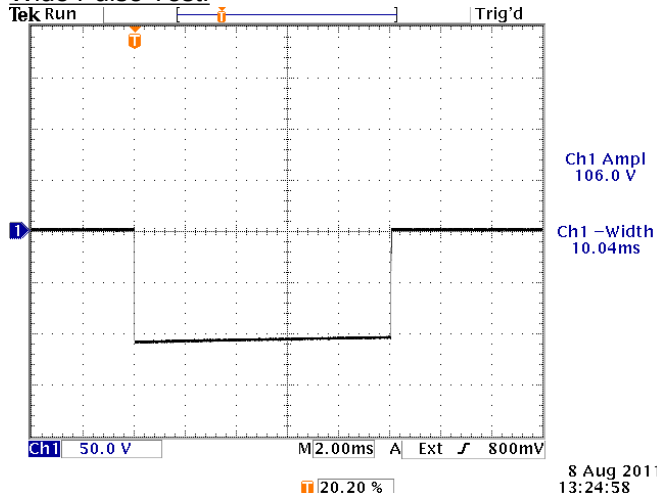
Output waveform (50V/div, 200 ns/div) for:
PRF=1 MHz, PW=50 ns, AMPL=MAX, ZOUT=2 Ω

Medium Width Pulse Test:



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

Wide Pulse Test:



Output waveform (50V/div, 2 ms/div) for:
PRF=5 Hz, PW=10 ms, AMPL=MIN, ZOUT=2 Ω

Reference levels: 20%, 80%