



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)

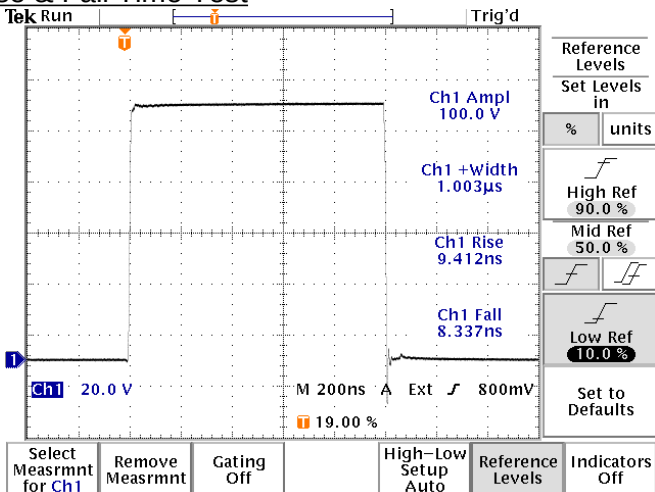
BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H4

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

PERFORMANCE CHECKSHEET

Model: AV-1011-B -OT
Type: General-Purpose High-Voltage Pulse Generator
S.N.: 11882
Date: November 19, 2007

Rise & Fall Time Test



Output waveform (20V/div, 200ns/div) for:
PRF=10 kHz, PW=1 us, AMPL=+100V, ZOUT=2Ω

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

b) Offset: 0 to ±20V ($R_L \geq 50\Omega$)

c) Pulse Width (FWHM): 100 ns - 1 ms
(10% max. duty cycle)

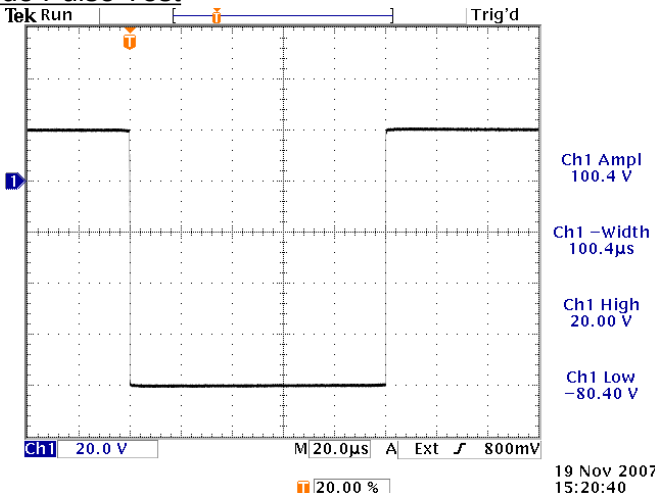
d) Rise Time (20%-80%): ≤ 10 ns

e) Fall Time (80%-20%): ≤ 10 ns

f) PRF: 0 - 1 MHz
(0 - 500 kHz when offset > ±10V)

g) Jitter, Stability: OK

Wide Pulse Test



Output waveform (20V/div, 20us/div) for PRF=100 Hz,
PW=100us, AMPL=-100V, OFFSET=+20V, ZOUT=2Ω.

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