



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)

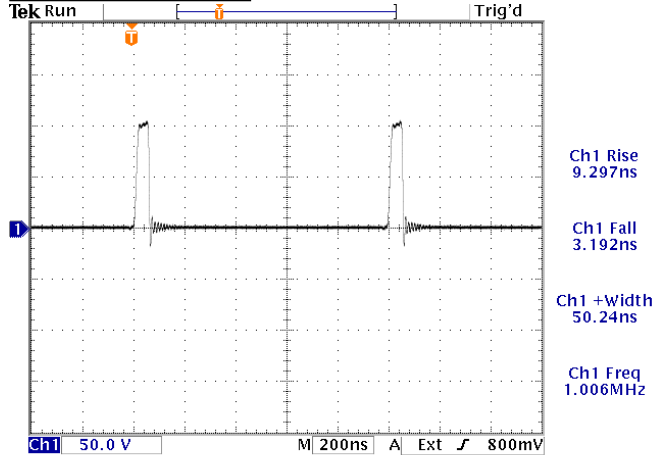
BOX 5120, LCD MERIVALE OTTAWA, ONTARIO CANADA K2C 3H5

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

PERFORMANCE CHECKSHEET

Model: AV-1010-B-OT-R5
Type: General-Purpose High-Voltage Pulse Generator
S.N.: 13382
Date: December 10, 2015

Maximum PRF Test:

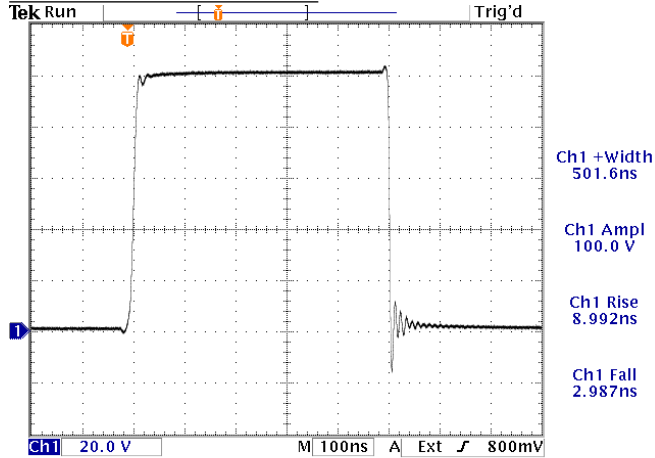


10 Dec 2015 13:57:13

1 MHz, 50 ns, +100V. 50V/div, 200 ns/div

- 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.

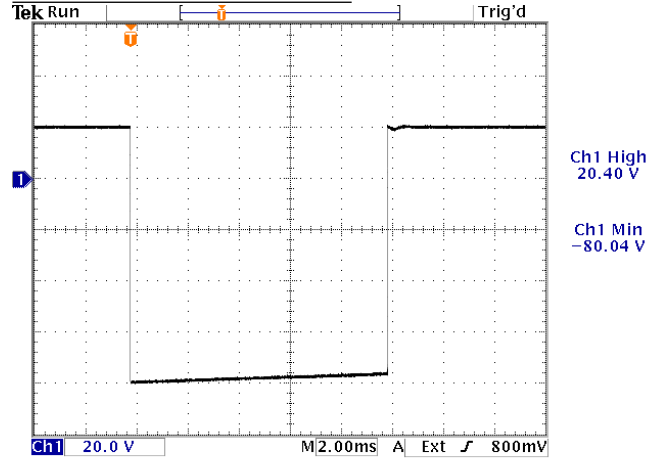
Medium Width Pulse Test:



10 Dec 2015 13:58:03

10 kHz, 500ns, +100V. 20V/div, 100 ns/div.

Wide Pulse / DC Offset Test:



10 Dec 2015 13:58:53

5 Hz, 10 ms, -100V, +20V offset. 20V/div, 2 ms/div.

Reference levels: 20%, 80%