



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)

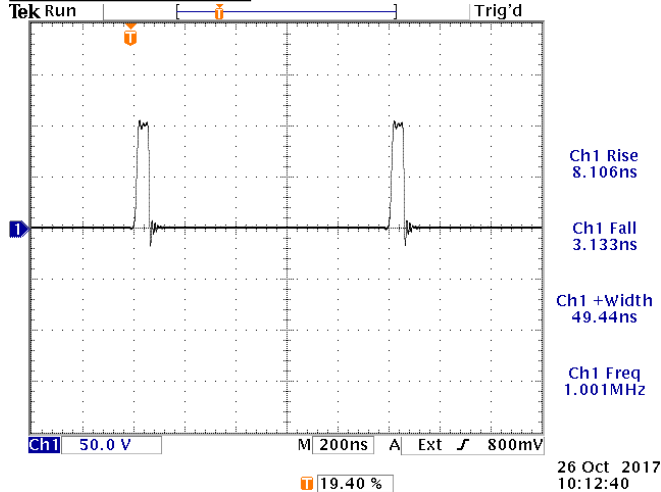
BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H5

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

PERFORMANCE CHECKSHEET

Model: AV-1010-B-VXI-BR-OT-AC22
Type: General-Purpose High-Voltage Pulse Generator
S.N.: 13649
Date: October 26, 2017

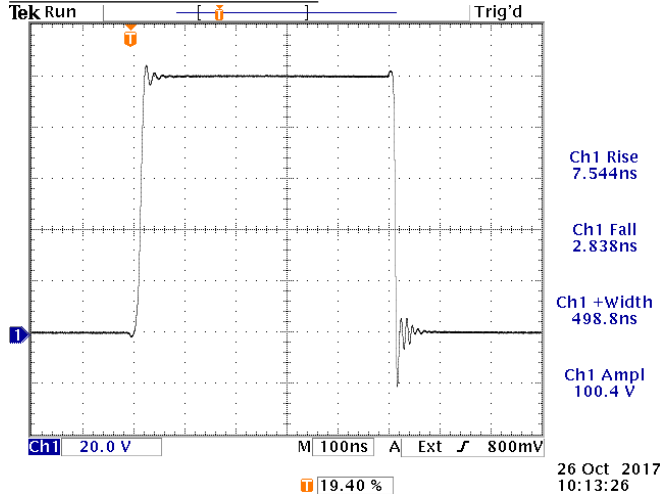
Maximum PRF Test:



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

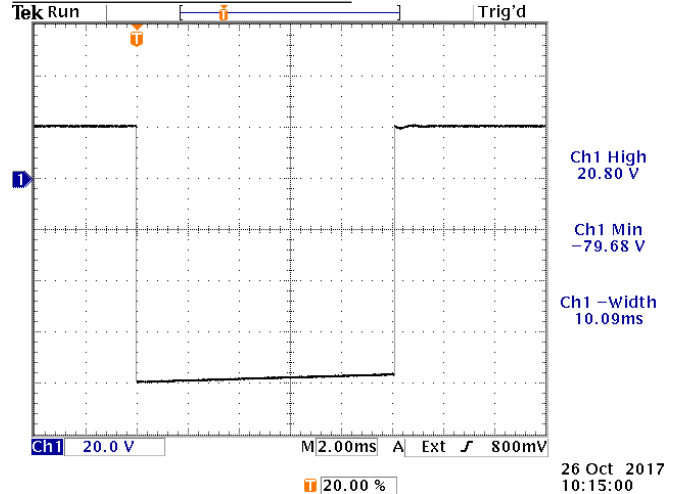
- a) Output Signal Amplitude: up to $\pm 100V$ ($RL \geq 50\Omega$)
- b) Pulse Width (FWHM): 20 ns - 10 ms (10% max. duty cycle at 100V / 50 Ω)
- c) Rise Time (20%-80%): ≤ 10 ns
- d) Fall Time (80%-20%): ≤ 10 ns
- e) PRF: 0 - 1 MHz
- f) Jitter, Stability: OK
- g) Prime Power: 100-240V AC, 50-60 Hz.

Medium Width Pulse Test:



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

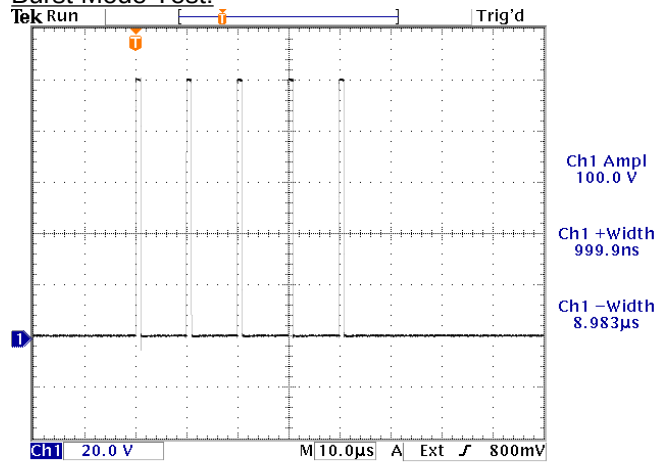
Wide Pulse / DC Offset Test:



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

Reference levels: 20%, 80%

Burst Mode Test:



26 Oct 2017
10:16:16

N = 5, PW = 1 us, BUR = 9 us, +100V.
20V/div, 10 us/div.