

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

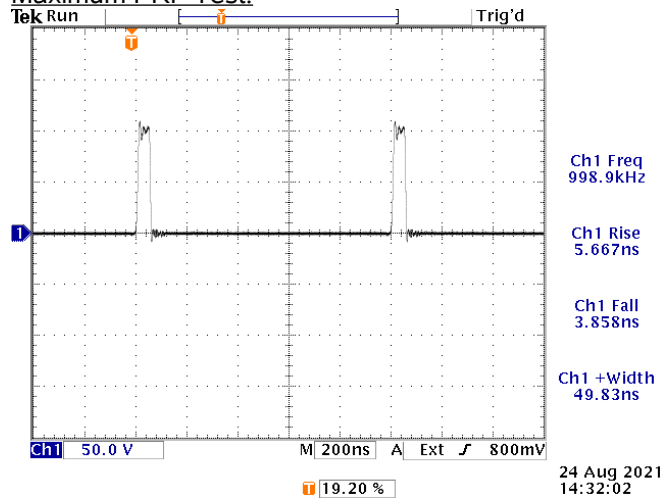
Tel: 888-670-8729 (USA & Canada)  
or +1-613-686-6675 (Worldwide)

BOX 5120, LCD MERIVALE  
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AV-1010-B-BR-OT  
Type: General-Purpose High-Voltage Pulse Generator  
S.N.: 14150  
Date: August 24, 2021

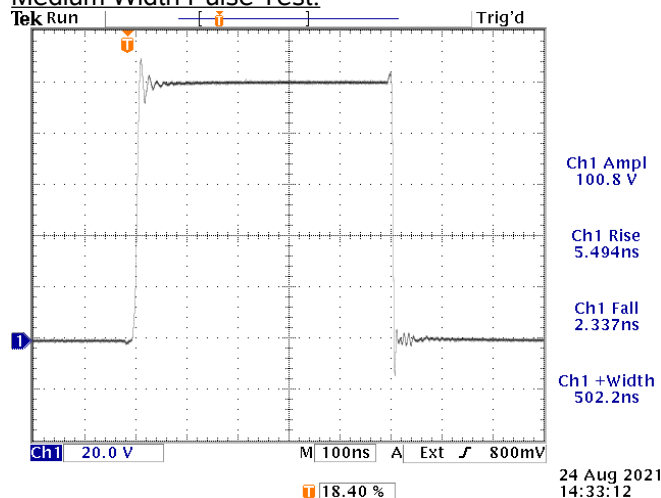
Maximum PRF Test:



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

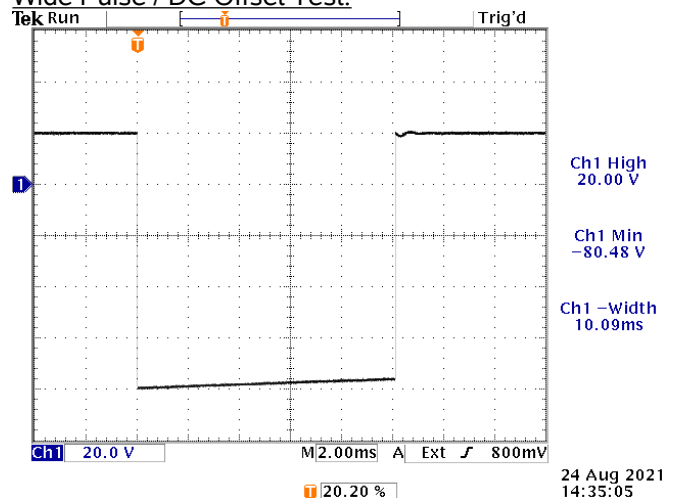
- a) Output Signal Amplitude: up to  $\pm 100V$  (RL  $\geq 50\Omega$ )
- b) Pulse Width (FWHM): 20 ns - 10 ms (10% max. duty cycle at 100V / 50 $\Omega$ )
- c) Rise Time (20%-80%):  $\leq 10$  ns
- d) Fall Time (80%-20%):  $\leq 10$  ns
- e) PRF: 0 - 1 MHz
- f) Jitter, Stability: OK
- g) Prime Power: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

Medium Width Pulse Test:



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

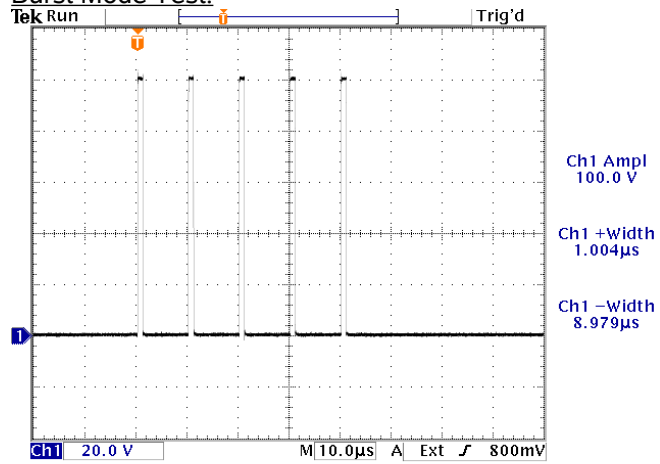
Wide Pulse / DC Offset Test:



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

Reference levels: 20%, 80%

### Burst Mode Test:



24 Aug 2021  
14:37:14

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