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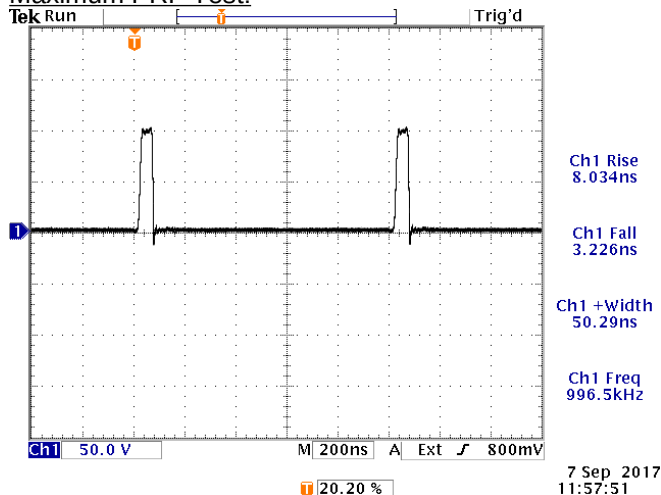
BOX 5120, LCD MERIVALE  
OTTAWA, ONTARIO  
CANADA K2C 3H5

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

PERFORMANCE CHECKSHEET

Model: AV-1010-B  
Type: General-Purpose High-Voltage Pulse Generator  
S.N.: 13632  
Date: September 7, 2017

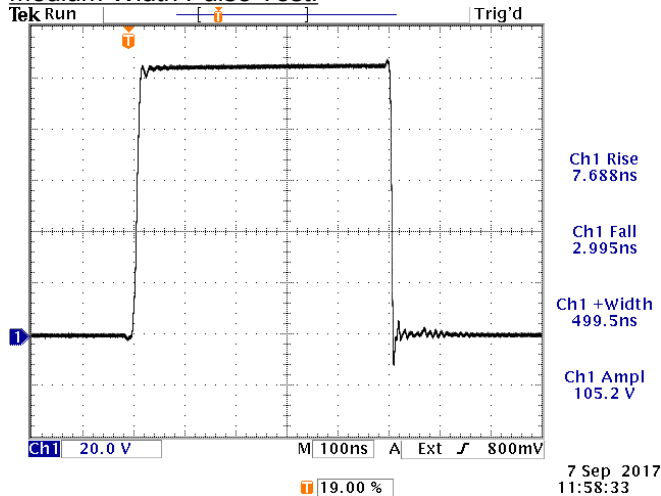
Maximum PRF Test:



Output waveform (50V/div, 200 ns/div) for operation at 1 MHz, 50 ns, +100V.

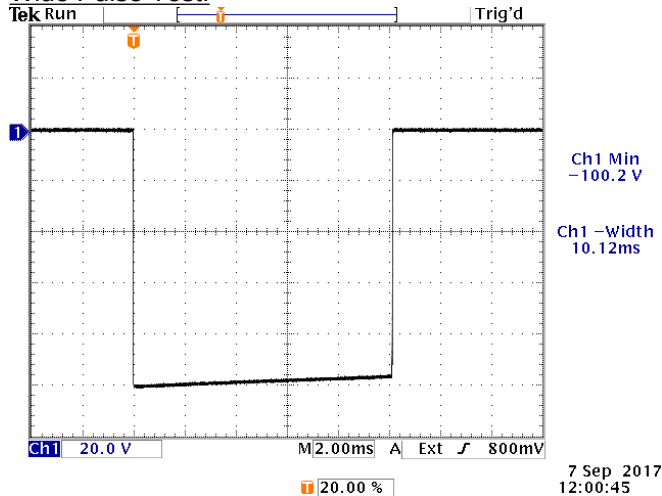
- a) Output Signal Amplitude: up to  $\pm 100V$  (RL  $\geq 50\Omega$ )
- b) Pulse Width (FWHM): 20 ns - 10 ms (10% max. duty cycle at 100V / 50 $\Omega$ )
- c) Rise Time (20%-80%):  $\leq 10$  ns
- d) Fall Time (80%-20%):  $\leq 10$  ns
- e) PRF: 0 - 1 MHz
- f) Jitter, Stability: OK
- g) Prime Power: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

Medium Width Pulse Test:



Output waveform (20V/div, 100 ns/div) for operation at 100 kHz, 500 ns, > +100V.

Wide Pulse Test:



Output waveform (20V/div, 2 ms/div) for operation at 5 Hz, 10 ms, -100V.

Reference levels: 20%, 80%