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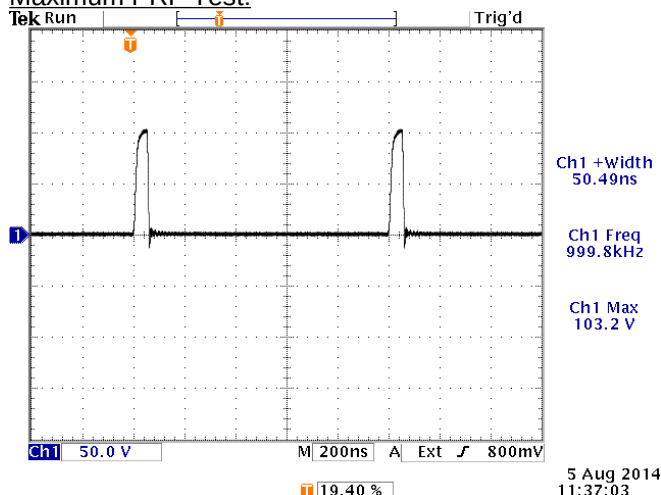
BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H5

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PERFORMANCE CHECKSHEET

Model: AV-1010-B-AC03-VXI-OT-BR
Type: General-Purpose High-Voltage Pulse Generator
S.N.: 13196
Date: August 5, 2014

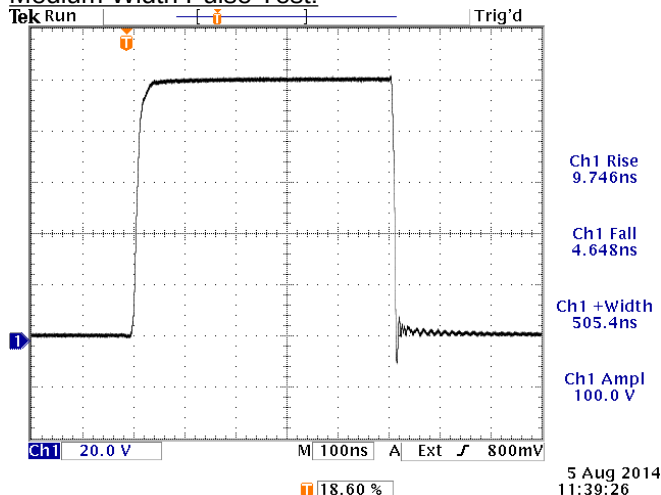
Maximum PRF Test:



- 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.

Output waveform (50V/div, 200 ns/div) for:
PRF=1 MHz, PW=50 ns, AMPL=MAX, ZOUT=2 Ω

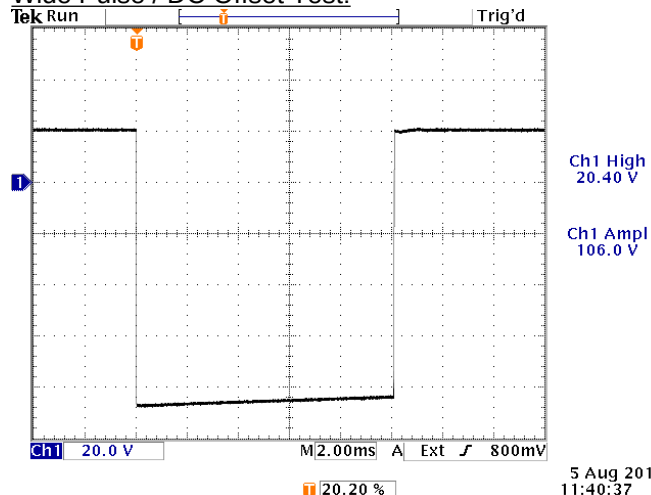
Medium Width Pulse Test:



Output waveform (20V/div, 100 ns/div) for:
PRF=10 kHz, PW=500ns, AMPL=+100V, ZOUT=2 Ω

Reference levels: 20%, 80%

Wide Pulse / DC Offset Test:



Output waveform (20V/div, 2 ms/div) for:
PRF=5 Hz, PW=10 ms, AMPL=MIN, ZOUT=2 Ω , with
+20V offset