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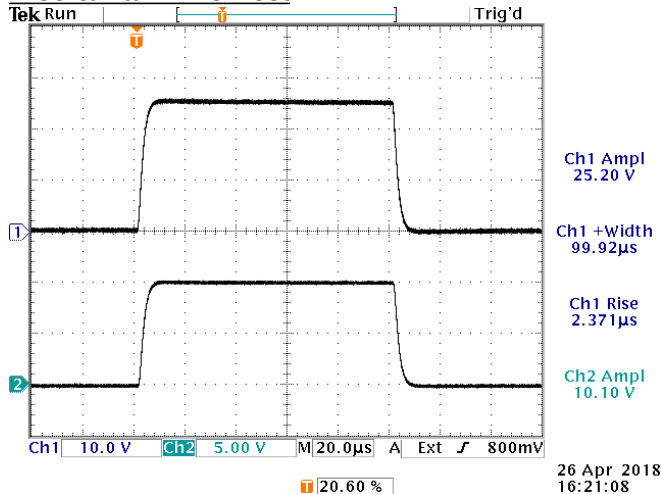
BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H5

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

PERFORMANCE CHECKSHEET

Model: AV-156G-B-HC-R5-AC03
Type: Pulsed Constant Current Generator
S.N.: 13709
Date: April 27, 2018

Rise & Fall Time Test



Top: +10A, 100 us, into a 2.5Ω load.
Bottom: Monitor output, into an open circuit.

a) Output Amplitude: +10 mA to +10 A

b) Pulse Width (FWHM): 10 us – 100 ms

c) Rise Time (20%-80%): < 4 us

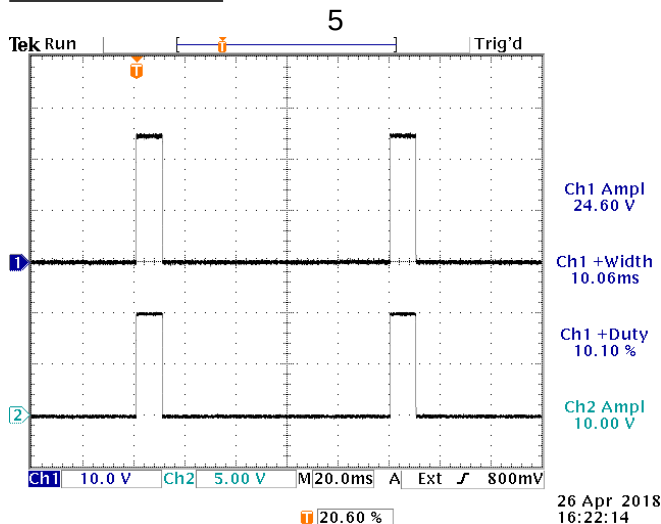
d) Fall Time (80%-20%): < 4 us

e) PRF: 1 Hz - 10 kHz

f) Jitter, Stability: OK

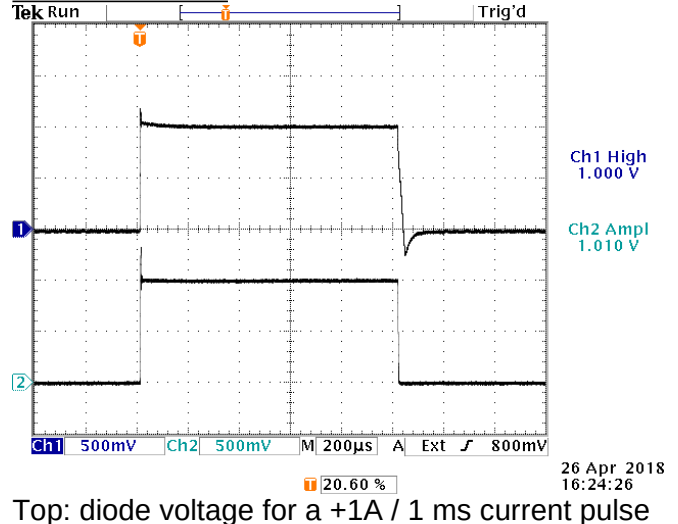
g) Prime Power: 100-240V AC, 50-60 Hz.

Wide Pulse Test



Top: +10A, 10 ms, into a 2.5Ω load.
Bottom: Monitor output, into an open circuit.

Diode Load Test



Top: diode voltage for a +1A / 1 ms current pulse into a 1N4937 load.
Bottom: Monitor output, into an open circuit.