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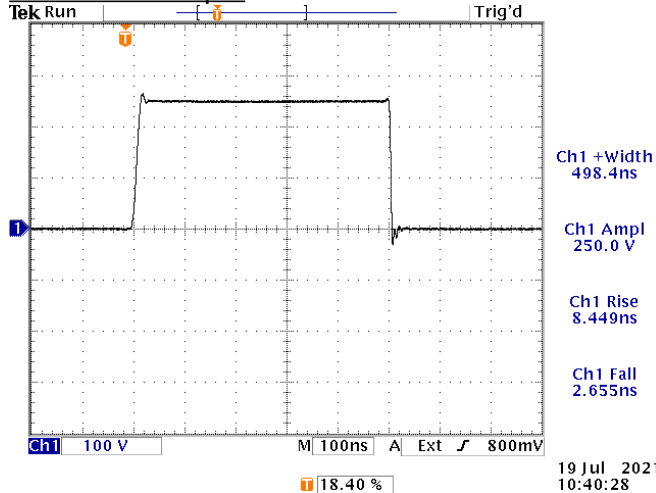
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BOX 5120, LCD MERIVALE
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AVO-6D-B-PN-R5
Type: High Current Pulse Generator and Laser Diode Driver
S.N.: 14141
Date: July 19, 2021

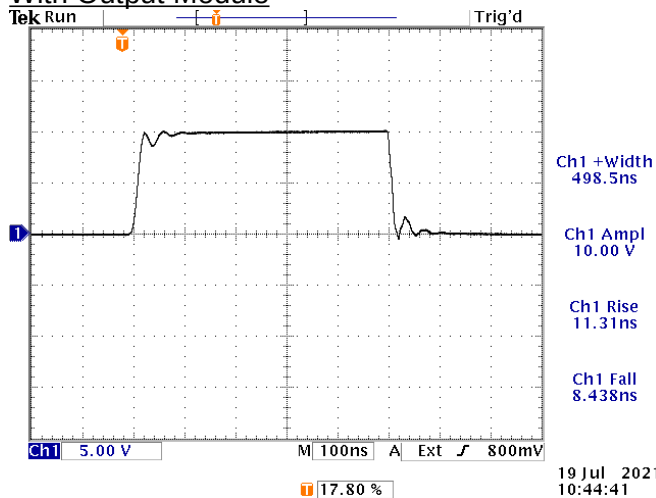
Mainframe Output



+250V, 500 ns, into 50Ω (no output module).
1 kHz. 100 V/div, 100 ns/div.

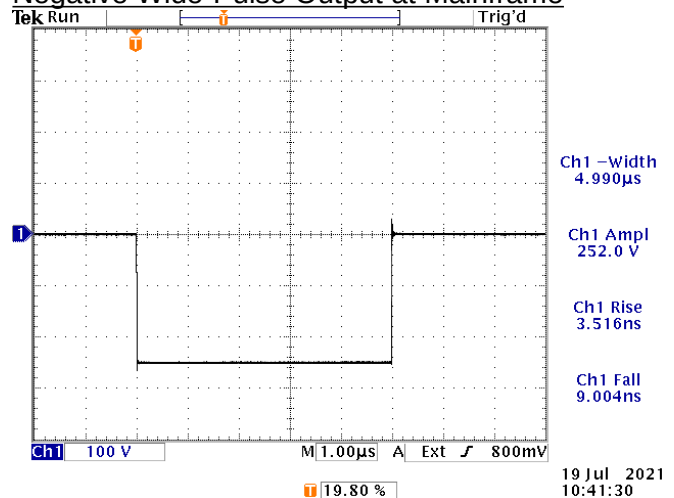
- a) Output Signal Amplitude: up to ±250V (at mainframe output)
- b) Pulse Width (FWHM): 50 ns – 5 us
- c) Rise Time (20%-80%): < 15 ns
- d) Fall Time (80%-20%): < 15 ns
- e) PRF: 1 Hz - 10 kHz
- f) Jitter, Stability: OK
- g) Prime Power: 100-240V AC, 50-60 Hz.

With Output Module



Output of a Tektronix CT-2 current probe (into 50Ω) for a +250V/+10A pulse into the output module, with a 1N5819 diode installed as the DUT. 5 A/div, 100 ns/div.

Negative Wide-Pulse Output at Mainframe



-250V, 5 us, into 50Ω (no output module).
100 Hz. 100 V/div, 1 us/div.

Reference levels: 20%, 80%.