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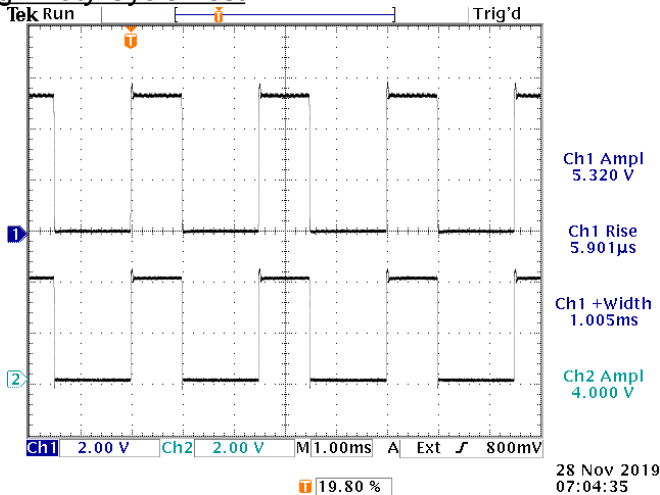
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BOX 5120, LCD MERIVALE  
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AV-109F-4-B-P-AK3-AK9-R6-AC00-AC02-ATA3  
Type: Current Pulser  
S.N.: 13938  
Date: December 2, 2019

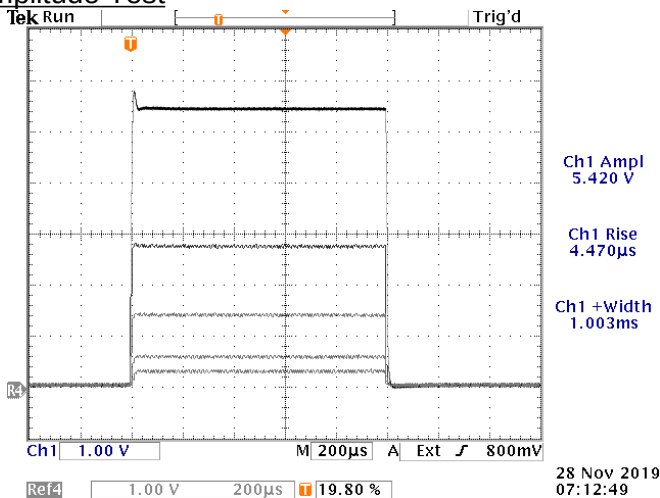
High Duty Cycle Test



Top: 400 Hz, 40% duty, +100A into 0.0543Ω installed on the end of the AV-HLZ1-100 transmission line cable. 2V/div, 1 ms/div.  
Bot: Monitor output (4V / 100A).

- a) Output Signal Amplitude: up to +100A
- b) Pulse Width (FWHM): 10 µs – 1 sec  
40% duty cycle
- c) Rise Time (20%-80%): < 10 µs
- d) Fall Time (20%-80%): < 10 µs
- e) PRF: 1 Hz - 1 kHz
- f) Jitter, Stability: OK
- g) Prime Power: 100-240V AC, 50-60 Hz.

Amplitude Test



+5A, +10A, +25A, +50A, +100A into 0.0543Ω installed on the end of the AV-HLZ1-100 transmission line cable. 1V/div, 200 µs/div.

Reference levels: 20%, 80%.