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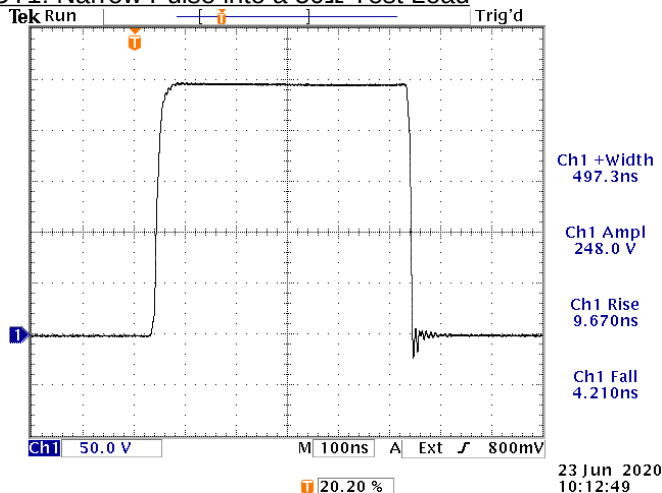
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BOX 5120, LCD MERIVALE
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

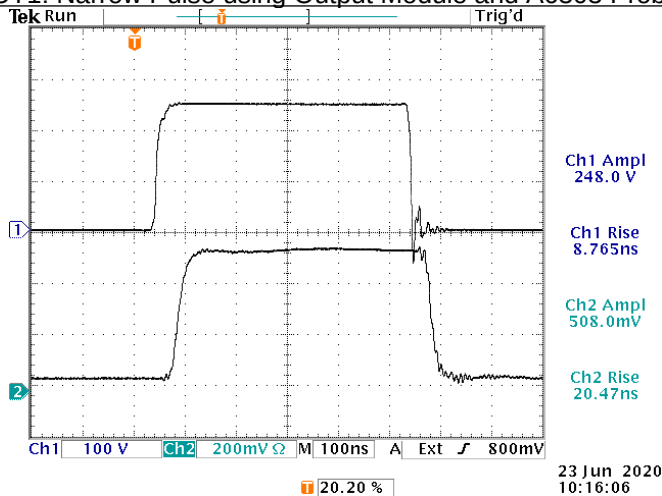
Model: AVR-3-PW-TEK3-B-P
Type: High-Speed Current Probe Test System
S.N.: 11234 (re-calibration)
Date: June 23, 2020

OUT1: Narrow Pulse into a 50Ω Test Load



Output of "OUT1" connector, terminated into an external 50 Ohm test load. Viewed with TDS3052 scope. 50V/div, 100 ns/div. 10 Hz.

OUT1: Narrow Pulse using Output Module and A6303 Probe



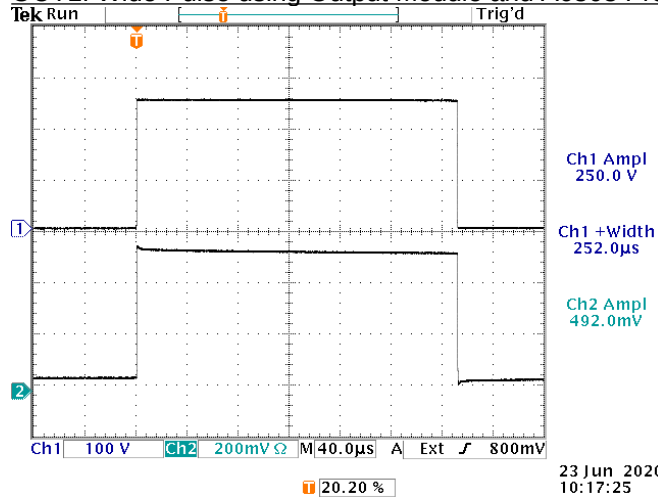
Top: +250V voltage waveform (measured at clamping cable).
Bottom: Output of A6303 probe, viewed with TDS3052 scope.
The A6303 probe is clamped to the shorting cable.

- a) Output Signal Amplitude (to 50Ω):
OUT1: 0 to +250V (+5A max.)
OUT2: 0 to +50 V (+1A max.)
- b) Pulse Width:
OUT1: 250 ns to 250 us
OUT1: 50 ns to 200 ns
- c) Rise Time (20-80%):
OUT1: < 10 ns
OUT2: < 0.5 ns
- d) Fall Time (80-20%):
OUT1: < 10 ns
OUT2: < 0.5 ns
- e) PRF: 0 - 10 kHz
- f) Jitter, Stability: OK
- g) Prime Power: 100-240V AC, 50-60 Hz.

The current probes used in obtaining these waveforms are not calibrated, and are for examples purposes only. The amplitudes from the probes may be out of tolerance.

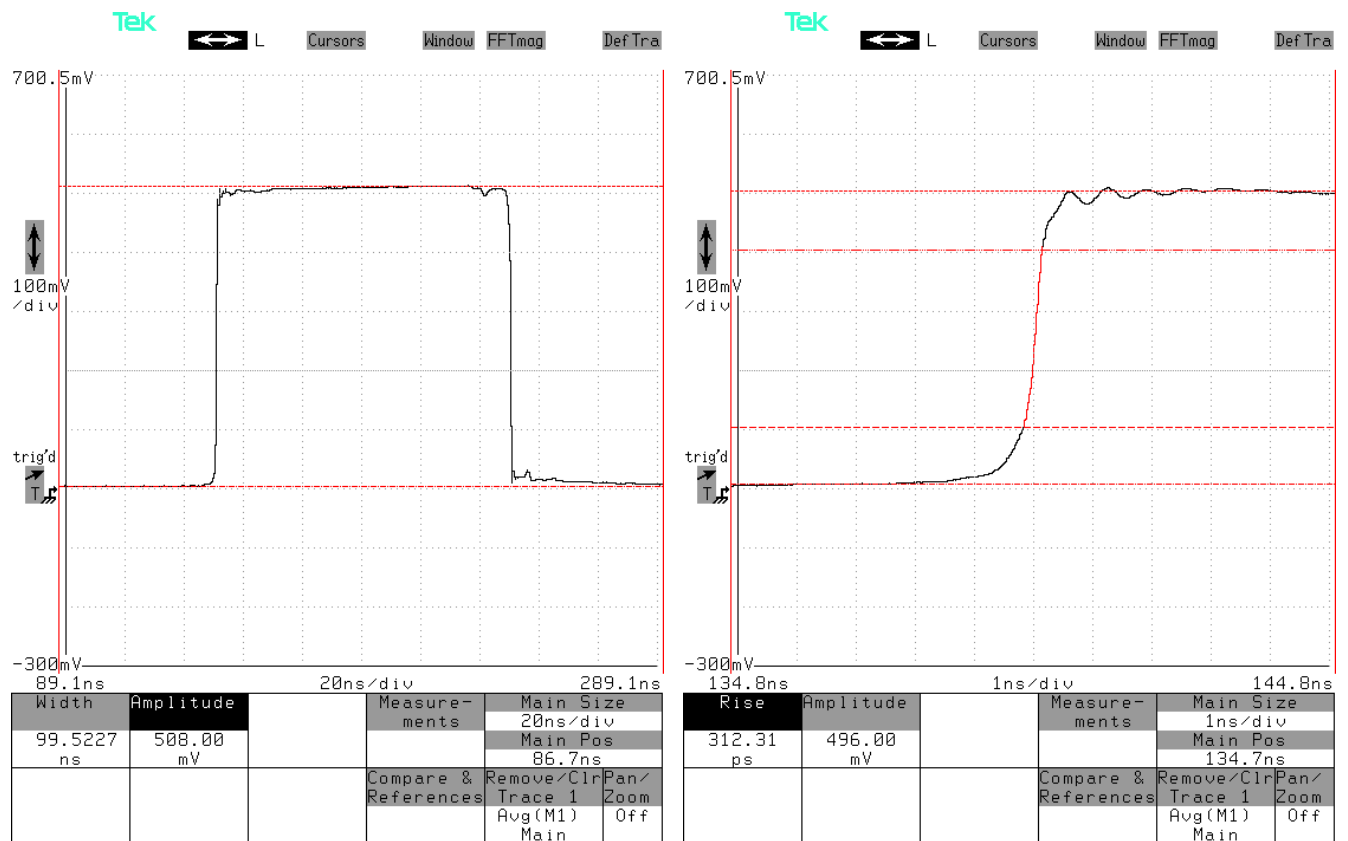
All rise/fall references levels: 20%, 80%.

OUT1: Wide Pulse using Output Module and A6303 Probe



Top: +250V voltage waveform (measured at clamping cable). Bottom: Output of A6303 probe, viewed with TDS3052 scope. The A6303 probe is clamped to the shorting cable.

OUT2: 100 ns Pulse into a 50Ω Test Load



10 V/div (100 mV/div x 40 dB), 20 ns/div.
"OUT2" into a sampling oscilloscope.

Scaled at 1 ns / div to show rising edge.

OUT2: 200 ns Pulse using Output Module and P6042 Probe

