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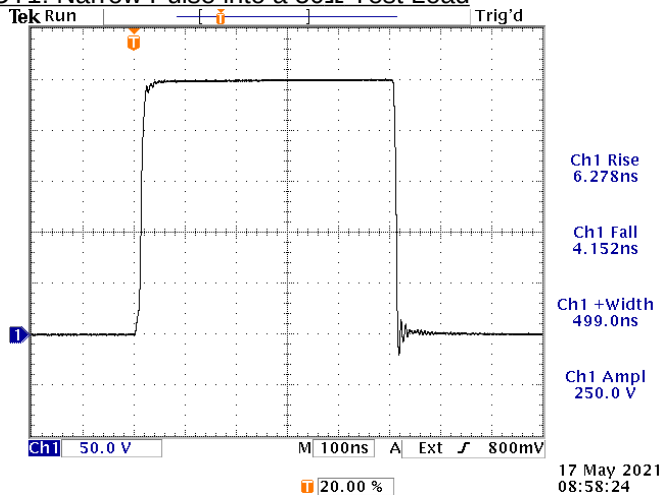
Tel: 888-670-8729 (USA & Canada)  
or +1-613-686-6675 (Worldwide)

BOX 5120, LCD MERIVALE  
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

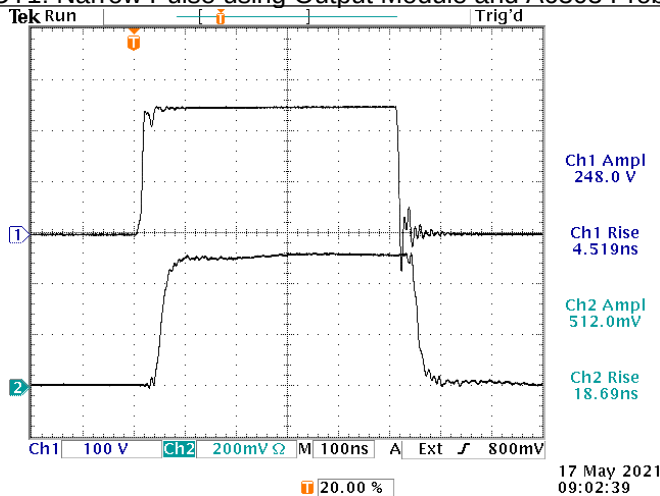
Model: AVR-3-PW-TEK3-B-P-R5-AC03  
Type: High-Speed Current Probe Test System  
S.N.: 13146 (re-calibration)  
Date: May 17, 2021

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  
OUT2: 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

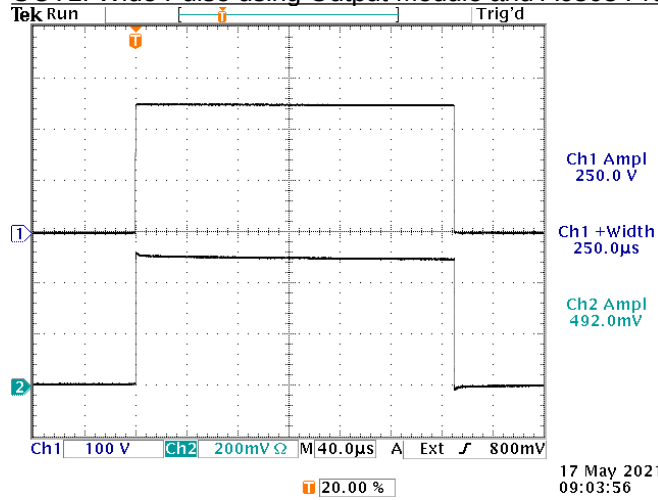
f) Jitter, Stability: OK

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.

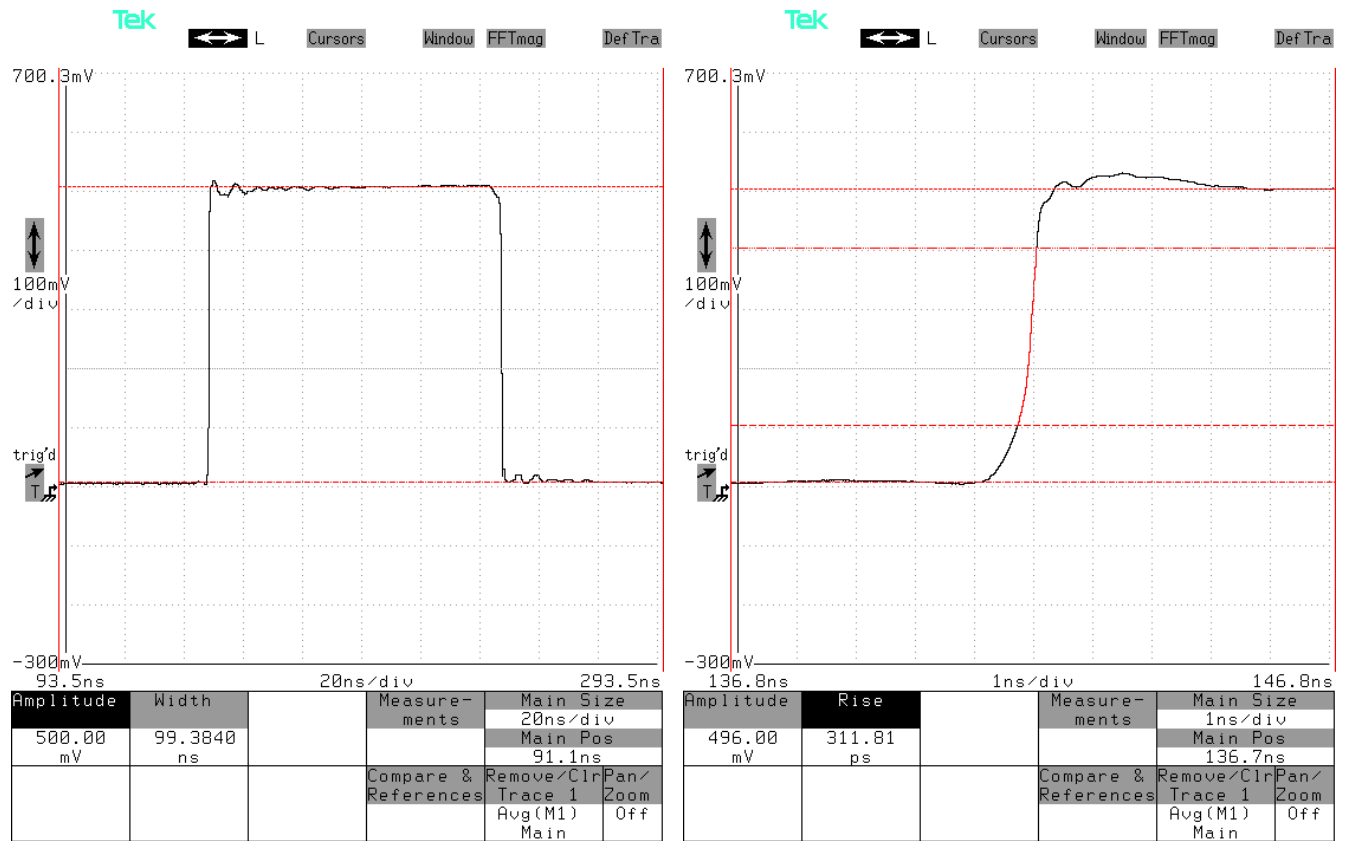
All rise/fall references levels: 20%, 80%.

### 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.

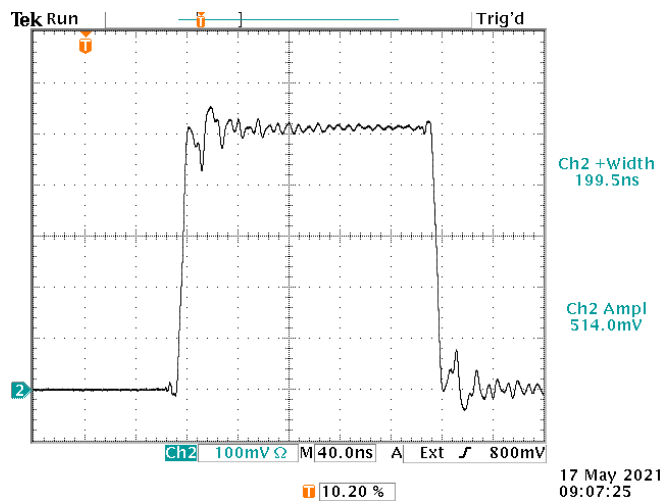
### OUT2: 100 ns Pulse into a 50Ω Test Load



10 V/div (100 mV/div x 40 dB), 50 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



Output of P6042 probe, viewed with TDS3052 scope.  
The P6042 probe is clamped to the shorting cable.