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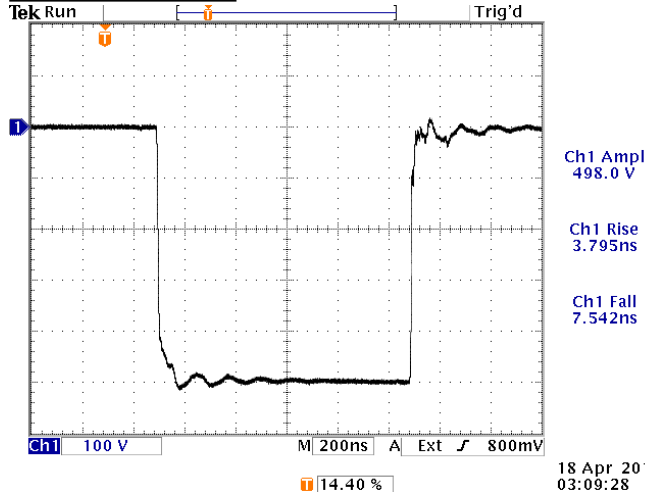
BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H5

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

PERFORMANCE CHECKSHEET

Model: AVX-R5
Type: High-Speed, High-Voltage Inverting Pulse Transformer
S.N.: 13727
Date: April 19, 2018

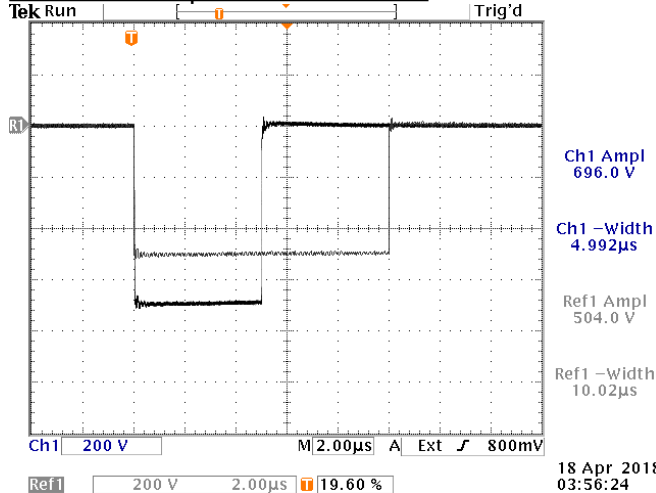
AVRZ-5W-B Test



- a) Maximum input: $\pm 700V$
- b) Pulse Width: 10 us at 500V, 5 us at 700V
- c) Rise, Fall Times (20%-80%): < 5 ns
- d) Impedance: 50 Ω

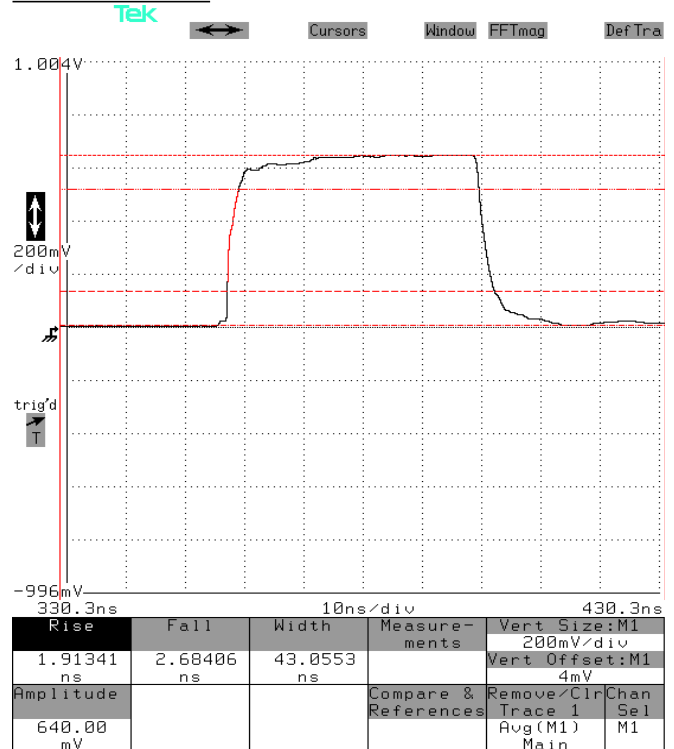
Output of the AVX-R5 into 50 Ω . Driven by an Avtech AVRZ-5W-B pulse generator operating at 100 Hz, +500V, 1 us pulse width, with ~6 ns rise and fall times.

Maximum Amplitude / PW Tests



Output of the AVX-R5 into 50 Ω . Driven by an Avtech AVR-7B-B pulse generator. 500V/10us and 700V/5us signals.

Rise Time Test



Output of the AVX-R5 into 50 Ω . Driven by a low-voltage pulse generator with ~100ps rise times. 2V/div, 10 ns/div.