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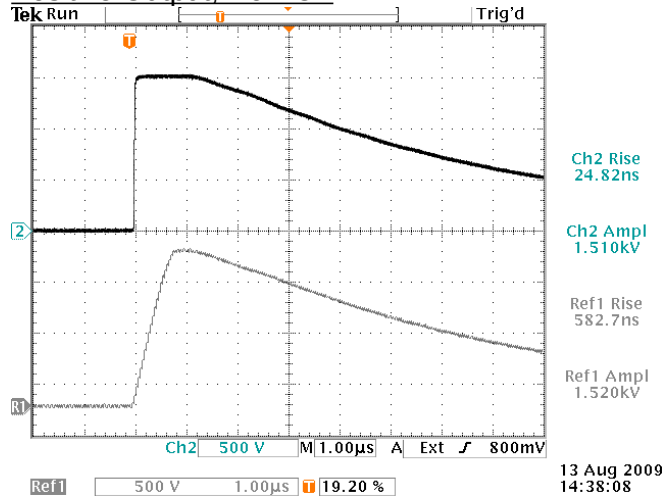
BOX 5120, LCD MERIVALE  
OTTAWA, ONTARIO  
CANADA K2C 3H4

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

PERFORMANCE CHECKSHEET

Model: AVRQ-3-B  
Type: Common Mode Transient Immunity (CMTI) Test for Opto-Couplers  
S.N.: 12292  
Date: August 14, 2009

Positive Output, No DUT



a) Output Signal Amplitude: ±1 kV, ±1.5 kV

b) Rise Time (10%-90%): 25 ns - 250 ns

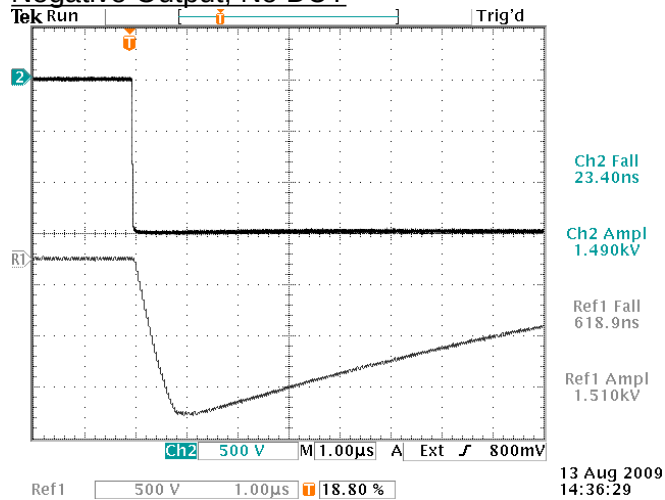
c) PRF: 1 Hz - 10 Hz

d) Jitter, Stability: OK

e) Prime Power: 100-240V AC, 50-60 Hz.

Top: min. rise time setting, +1.5 kV, no DUT  
Bottom: max. rise time setting, +1.5 kV, no DUT

Negative Output, No DUT

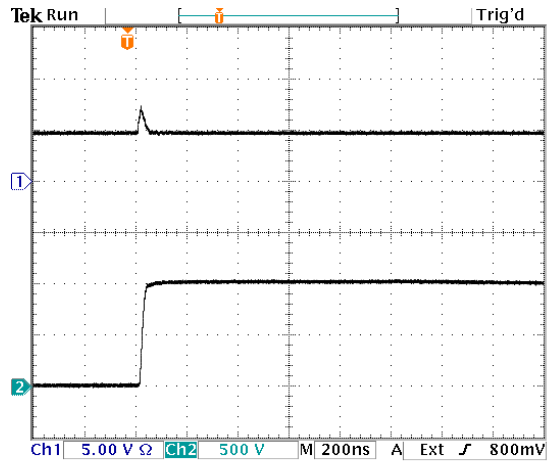


Top: min. rise time setting, -1.5 kV, no DUT  
Bottom: max. rise time setting, -1.5 kV, no DUT

500 V/div, 1 us/div, 10%-90% t<sub>R</sub>/t<sub>F</sub> shown.

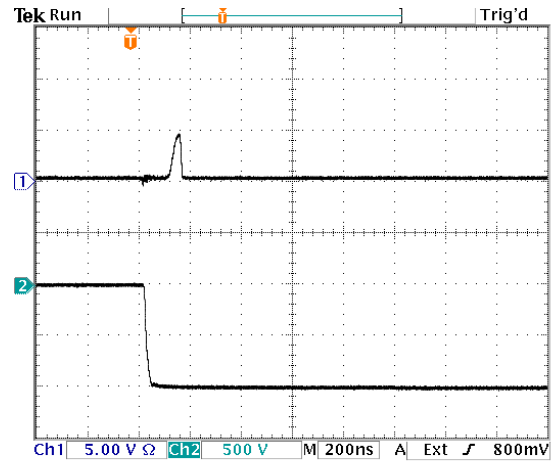
# Avago HCPL-2630 Test Results

See pages 30-32 of the manual for a full description of these waveforms.



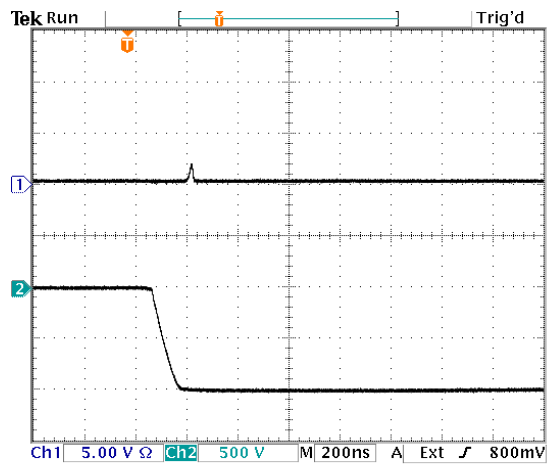
13 Aug 2009 14:23:50

+1 kV, +5V, 0 mA, 350Ω, min. rise time



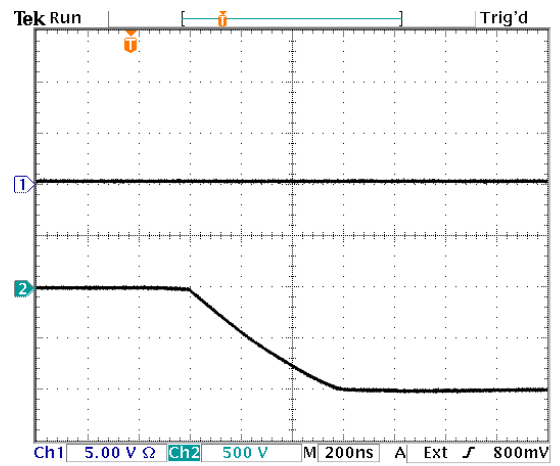
13 Aug 2009 14:25:47

-1 kV, +5V, 7.5 mA, 350Ω, min. rise time



13 Aug 2009 14:25:32

-1 kV, +5V, 7.5 mA, 350Ω, rise time for which a 2V logic output glitch first appears

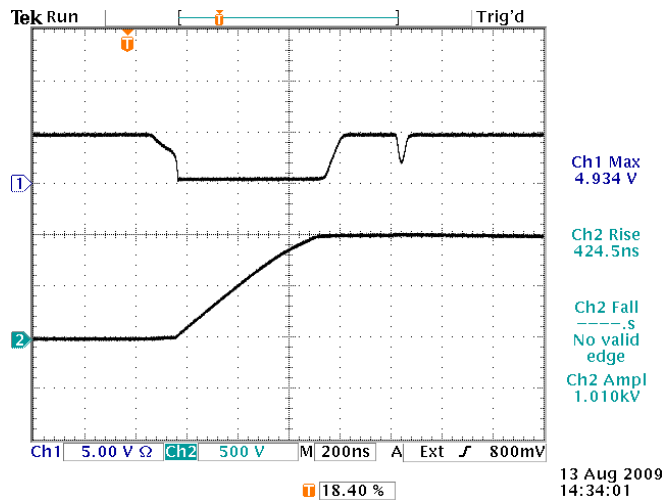


13 Aug 2009 14:26:42

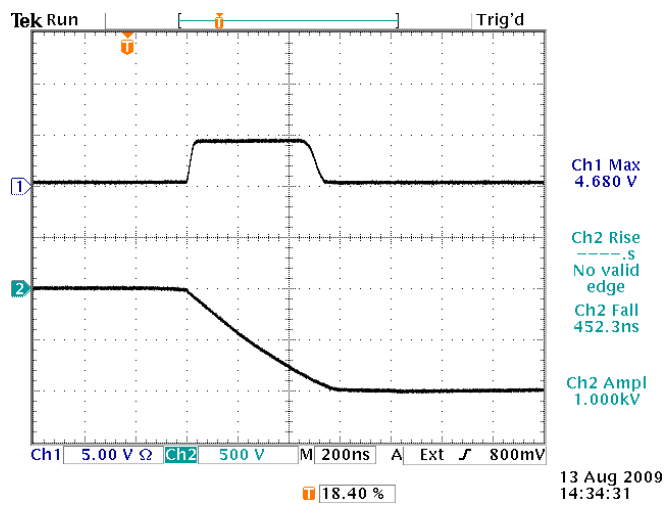
-1 kV, +5V, 7.5 mA, 350Ω, max. rise time

## TRW 6N137 Test Results

See pages 32-33 of the manual for a full description of these waveforms.



+1 kV, +5V, 0 mA, 350Ω, maximum rise time



-1 kV, +5V, 7.5 mA, 350Ω, maximum rise time