



P.O. BOX 265  
OGDENSBURG, NY  
U.S.A. 13669-0265

TEL: 888-670-8729 (USA & Canada) or +1-613-686-6675 (Intl)  
FAX: 800-561-1970 (USA & Canada) or +1-613-686-6679 (Intl)

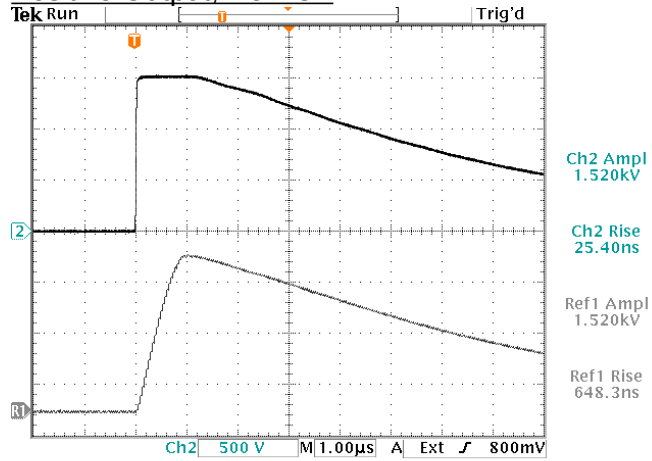
BOX 5120, LCD MERIVALE  
OTTAWA, ONTARIO  
CANADA K2C 3H4

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 (repair)  
Date: April 14, 2010

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

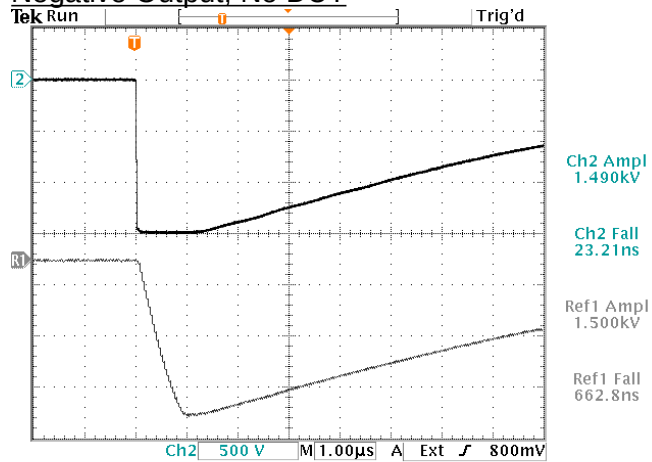
d) Jitter, Stability: OK

14 Apr 2010 14:14:48

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

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

Negative Output, No DUT



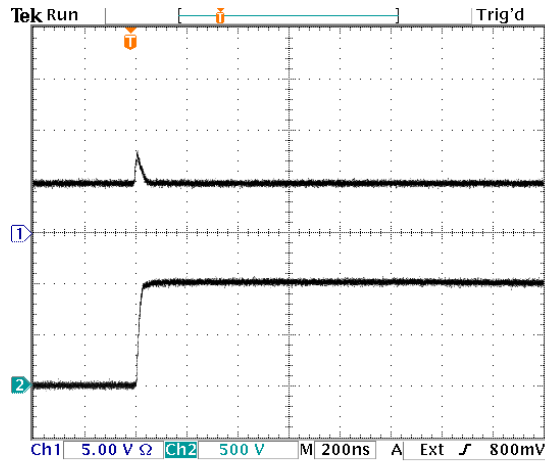
14 Apr 2010 14:15:55

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

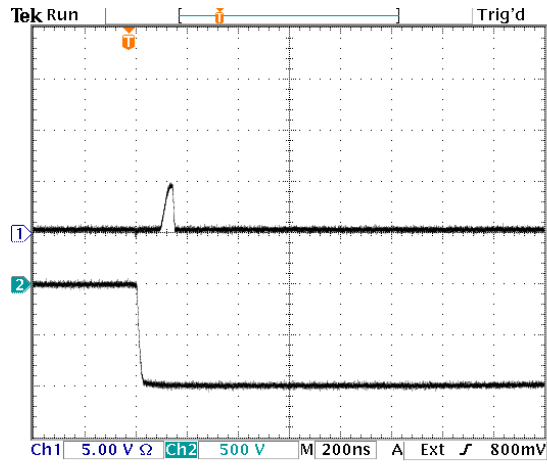
500 V/div, 1 us/div, 10%-90% t<sub>R</sub>/t<sub>F</sub> shown.

# Avago HCPL-2630 Test Results

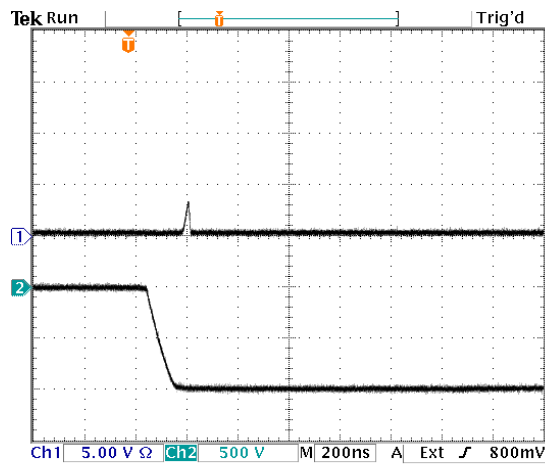
See pages 30-32 of the manual for a full description of these waveforms.



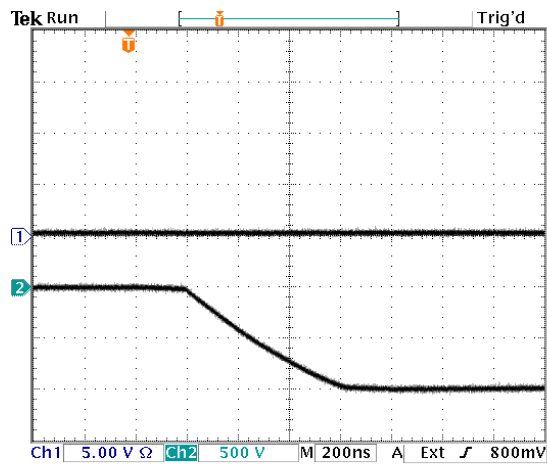
19.00 %  
+1 kV, +5V, 0 mA, 350Ω, min. rise time



18.60 %  
-1 kV, +5V, 7.5 mA, 350Ω, min. rise time



18.60 %  
-1 kV, +5V, 7.5 mA, 350Ω, rise time for which a 2V logic output glitch first appears



18.60 %  
-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.

