



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)

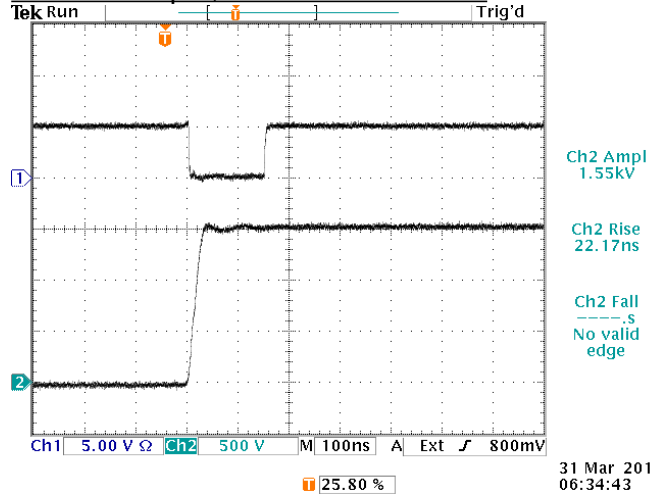
BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H4

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

PERFORMANCE CHECKSHEET

Model: AVRQ-3-B-SIA
Type: Common Mode Transient Immunity (CMTI) Test for Opto-Couplers
S.N.: 12405
Date: March 31, 2010

Positive Output, Minimum Rise Time



Top: Si8421BB logic output with glitch
Bottom: HV pulse (+1.5 kV, < 25 ns rise time)

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

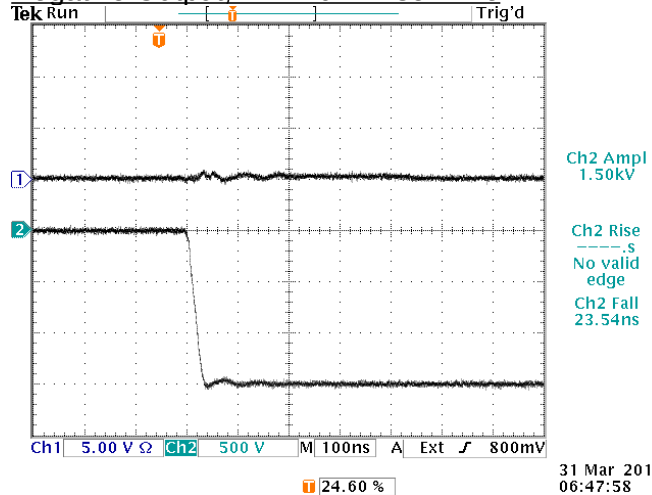
b) Rise Time (10%-90%): 25 ns - 250 ns

c) PRF: 1 Hz - 10 Hz

d) Jitter, Stability: OK

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

Negative Output, Minimum Rise Time



Top: Si8421BB logic output, with no glitch
Bottom: HV pulse (-1.5 kV, < 25 ns rise time)

See the manual for discussion of these waveform, and additional actual test results.