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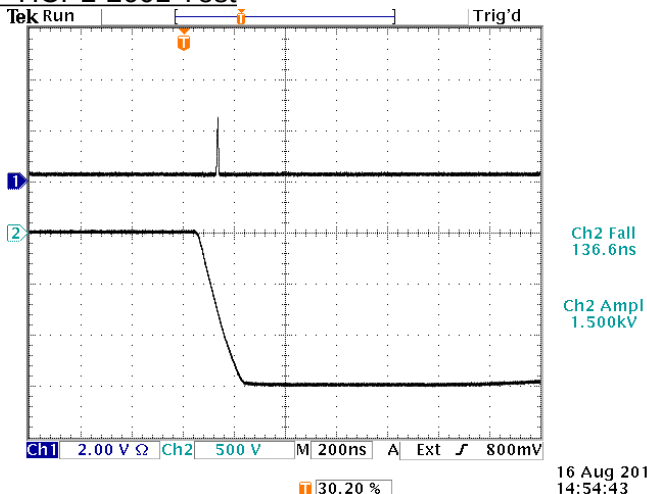
BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H4

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

PERFORMANCE CHECKSHEET

Model: AVRQ-4-B
Type: Common Mode Transient Immunity (CMTI) Test for Opto-Couplers
S.N.: 11920
Date: August 17, 2010

HP HCPL-2601 Test



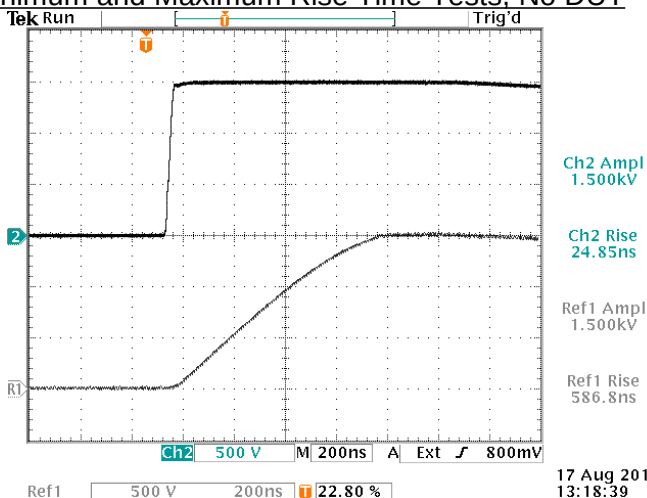
- a) Output Signal Amplitude: ±1 kV, ±1.5 kV
- b) Rise Time (10%-90%): 25 ns - 250 ns
- c) PRF: 1 Hz - 10 Hz
- d) Jitter, Stability: OK
- e) Prime Power: 100-240V AC, 50-60 Hz.

-1.5kV, +5V, 7.5 mA, 348Ω ("A" PCB). 50% glitch starts to occur at dV/dt of $1.5 \text{ kV} \times (90\% - 10\%) / 136.6 \text{ ns} = 8.8 \text{ kV/us}$.

Additional Waveforms

See the manual for additional waveforms.

Minimum and Maximum Rise Time Tests, No DUT



Top: minimum rise time setting, +1.5 kV, no DUT
Bottom: maximum rise time setting, +1.5 kV, no DUT

References levels: 10%, 90%.