

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

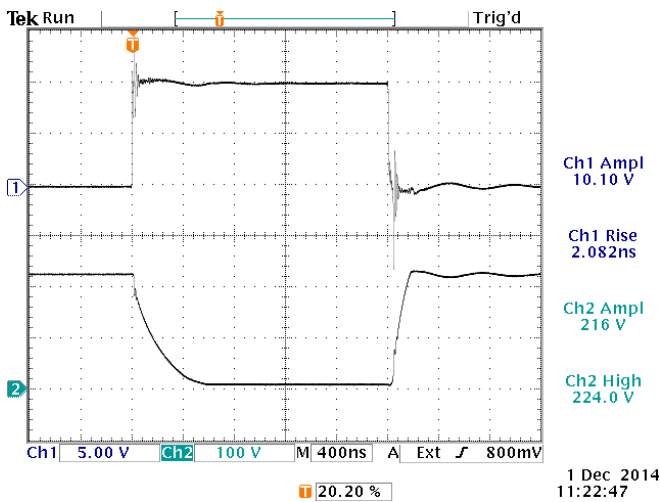
TEL: 888-670-8729 (USA & Canada) or +1-613-686-6675 (Intl)  
FAX: 800-561-1970 (USA & Canada) or +1-613-686-6679 (Intl)

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

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

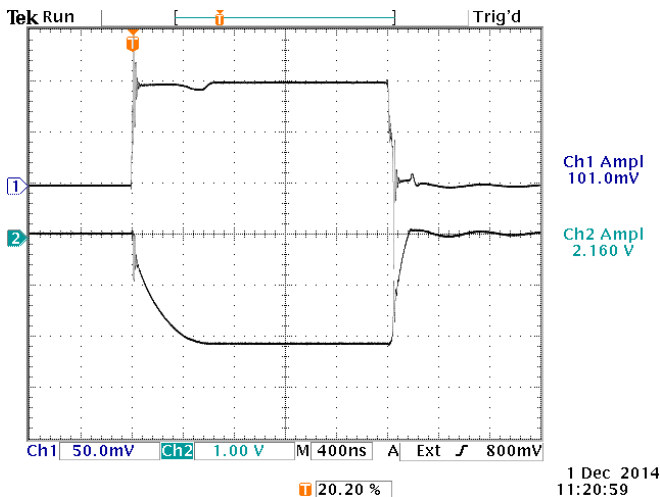
PERFORMANCE CHECKSHEET

Model: AVR-D4-B-MS1  
Type: Power MOSFET Switching Time Test System  
S.N.: 13222  
Date: December 1, 2014



Top: +10V input to R<sub>GATE</sub>, 5 V/div, 400ns/div  
Bottom: Drain, with +225V bias.  
Both: 2N6766 DUT, R<sub>GATE</sub> = 2.35Ω, R<sub>DRAIN</sub> = 3.33Ω.  
Measured internally on the test jigs.

- a) Output Signal Amplitude:  
±20 to ±225V (Drain)  
±5 to ±10V (Gate)
- b) Pulse Width (FWHM): 0.4 to 2 us
- c) Rise Time (20%-80%): < 10 ns
- d) Fall Time (20%-80%): < 10 ns
- e) PRF: 1 Hz - 100 Hz
- f) Jitter, Stability: OK
- g) Prime Power: 100-240V AC, 50-60 Hz.



The AC-coupled 100:1 attenuated versions of the gate and drain voltages, as measured at the GATE and DRAIN outputs of the test jig, into 50Ω.

See the manual for additional test waveforms.

References levels: 20%, 80%.