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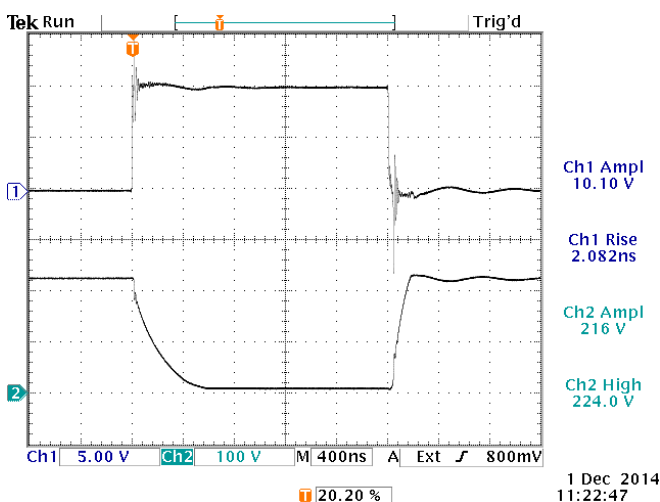
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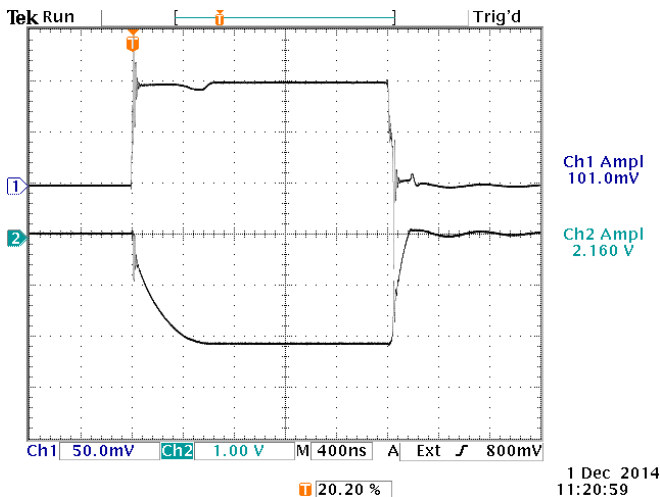
PERFORMANCE CHECKSHEET

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



Top: +10V input to R_{GATE}, 5 V/div, 400ns/div
Bottom: Drain, with +225V bias.
Both: 2N6766 DUT, R_{GATE} = 2.35Ω, R_{DRAIN} = 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%.