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BOX 5120, LCD MERIVALE
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PERFORMANCE CHECKSHEET

Model: AVO-9A-MTH-P1B-T1B-P-HC
Type: Ultra-High-Speed Pulse Generator
S.N.: 12400
Date: March 11, 2010

Output Amplitude: +40 to 400 mA
Pulse Width (FWHM): 0.4 – 4.0 ns
Rise Time (20%-80%): ≤ 200 ps
Fall Time (80%-20%): ≤ 200 ps
PRF: 1 MHz maximum
Jitter, Stability: OK
Prime Power: +24V and -24V DC

Basic specifications: →

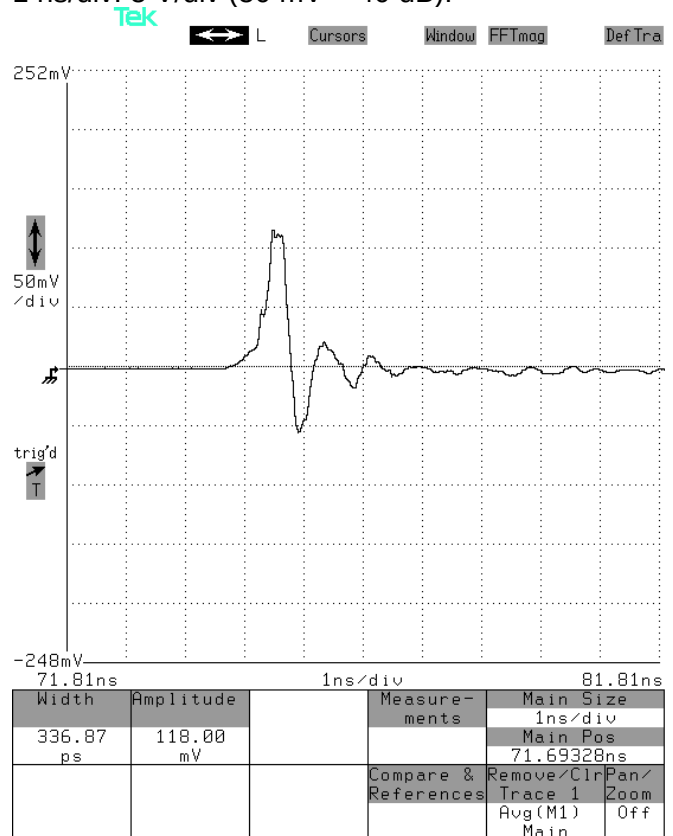
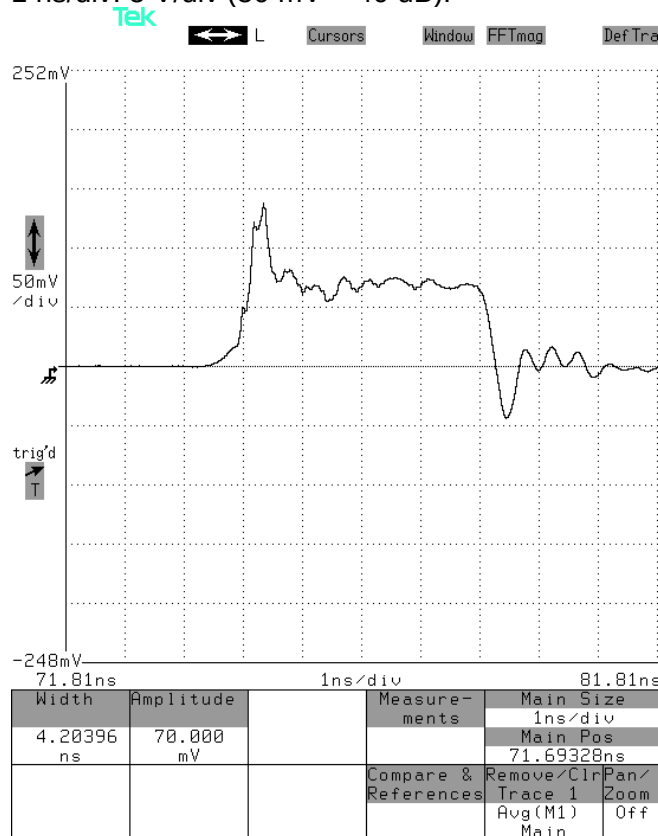
Test Waveforms

“MI” monitor output at maximum PW, maximum amplitude at 100 kHz.

“MI” monitor output at minimum PW, maximum amplitude at 100 kHz.

1 ns/div, 5 V/div (50 mV × 40 dB):

1 ns/div, 5 V/div (50 mV × 40 dB):



Note: The “spikes” on the rising and falling edges are a combination of measurement artifacts on the monitor output (rather than “real” signals), and the turn-on transient of the 1N459 DUT.