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BOX 5120, LCD MERIVALE
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PERFORMANCE CHECKSHEET

Model: AVO-5-B-S3-QTKA-M-P
Type: Ultra-High-Speed Pulse Generator
S.N.: 12154
Date: February 2, 2009

Output Amplitude: 0 to 26A
Pulse Width (FWHM): 6 – 100 ns
Rise Time (20%-80%): ≤ 3 ns
Fall Time (80%-20%): ≤ 4 ns
PRF: 1 Hz - 5 kHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

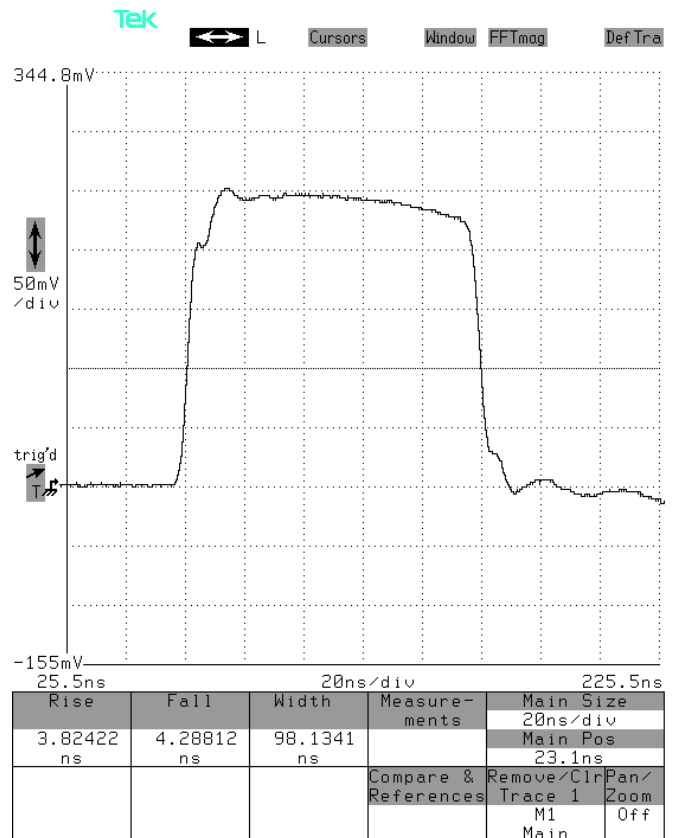
Test Waveforms

Mainframe output amplitude into 50 Ohms (no output module) at maximum amplitude, 1 kHz, 100 ns pulse width,

Maximum output amplitude into the output module with a 1N459A DUT installed, 1 kHz, 100 ns pulse width, measured with a 711S current probe.

20 ns/div. 50 V/div (50 mV × 60 dB):

20 ns/div. 5 A/div (output of 711S probe):



The inductance of the DUT and the 711S current probe degrade the rise and fall times slightly.