



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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PERFORMANCE CHECKSHEET

Model: AVH-S-1-C-PN
Type: Ultra-High-Speed Impulse Generator
S.N.: 11526
Date: July 25, 2006

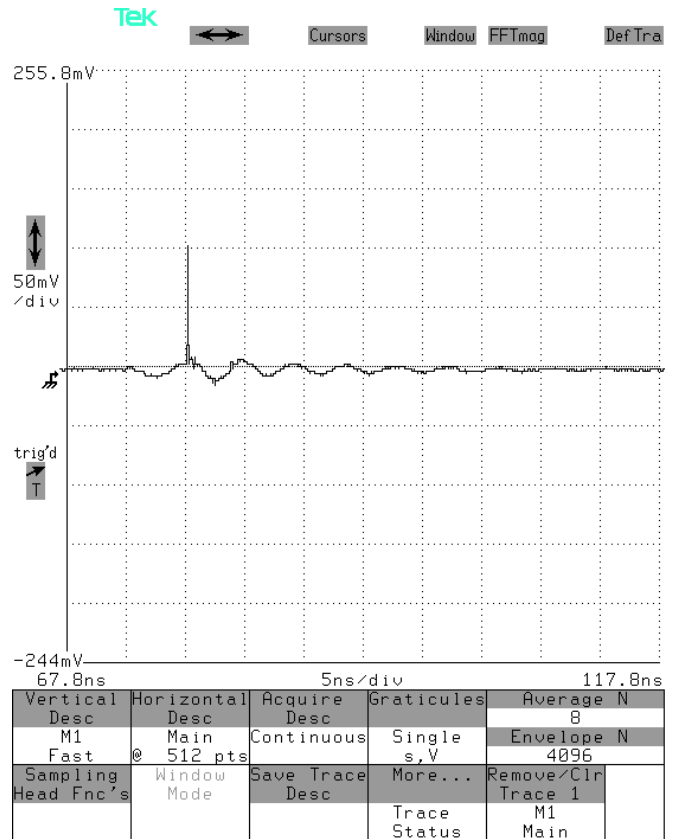
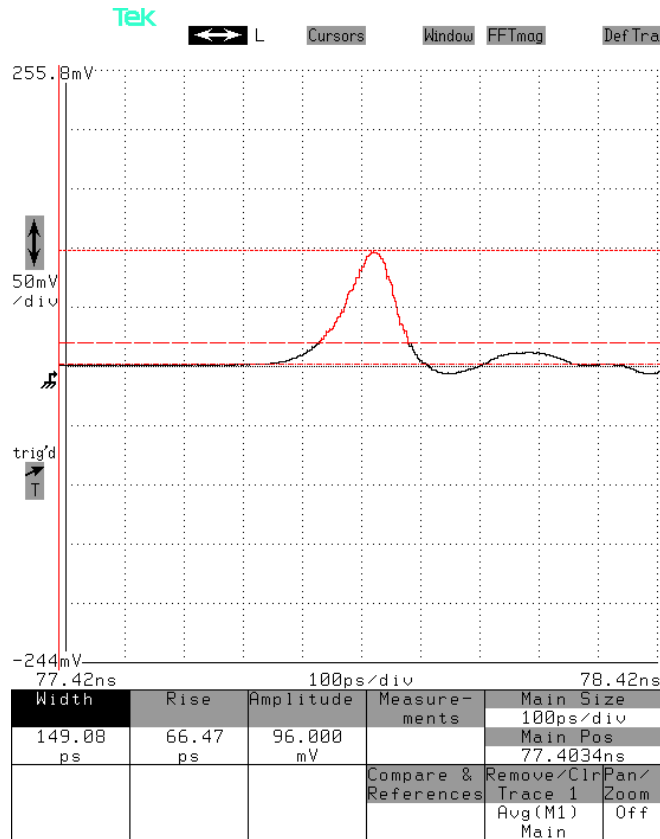
Output Amplitude: 0 to $\pm 10V$, to 50 Ω
Pulse Width (FWHM): ≤ 150 ps (at 20%)
Rise Time (20%-80%): N/A
Fall Time (80%-20%): N/A
PRF: to 1 MHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz

Basic specifications: →

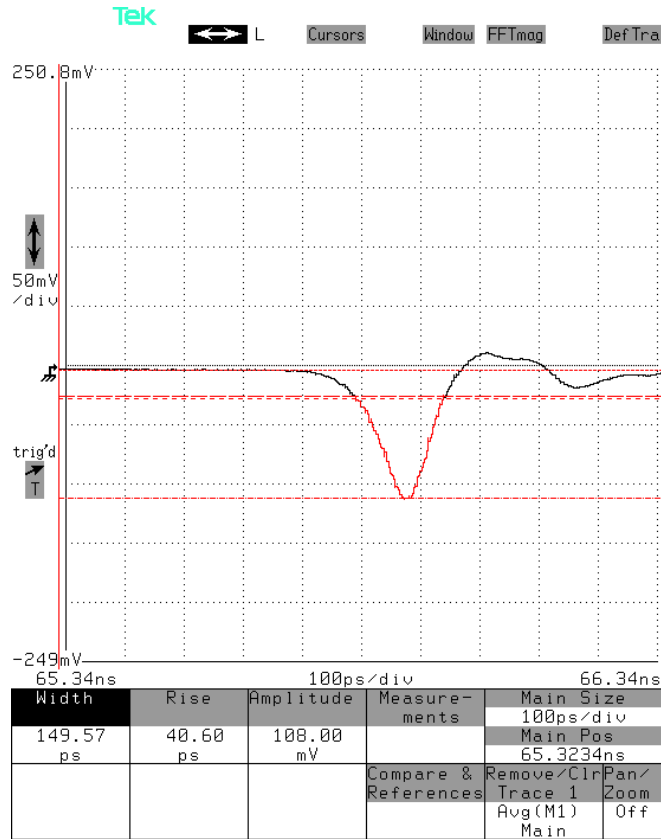
Test Waveforms

1 MHz, +10V approximately.
100 ps/div. 5 V/div (50 mV \times 40 dB).

Same signal, but at 5 ns /div:



1 MHz, -10V approximately.
 100 ps/div. 5 V/div (50 mV × 40 dB).



Same signal, but at 5 ns /div:

