AVTECH ELECTROSYSTEMS LTD.
NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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CANADA K2C 3H4

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PERFORMANCE CHECKSHEET

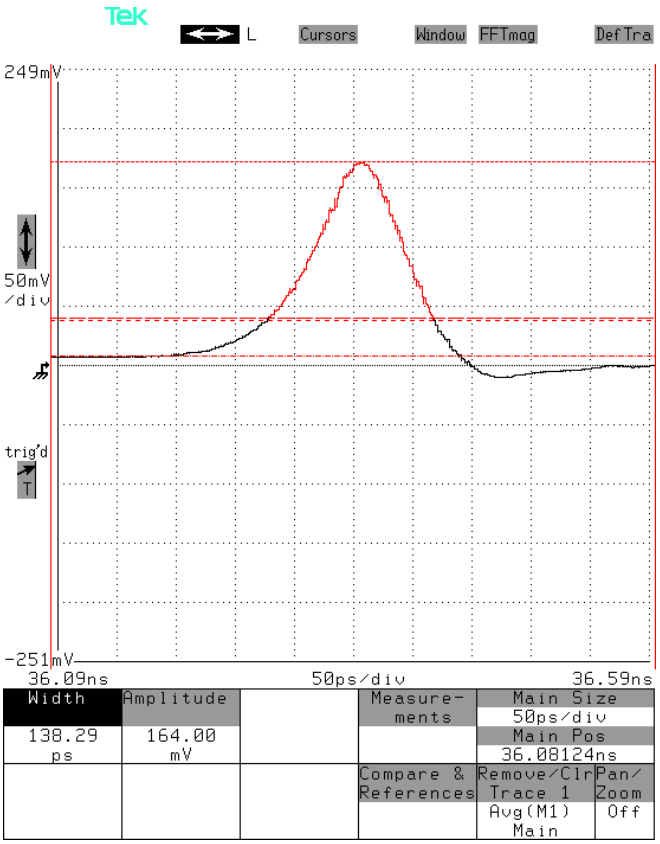
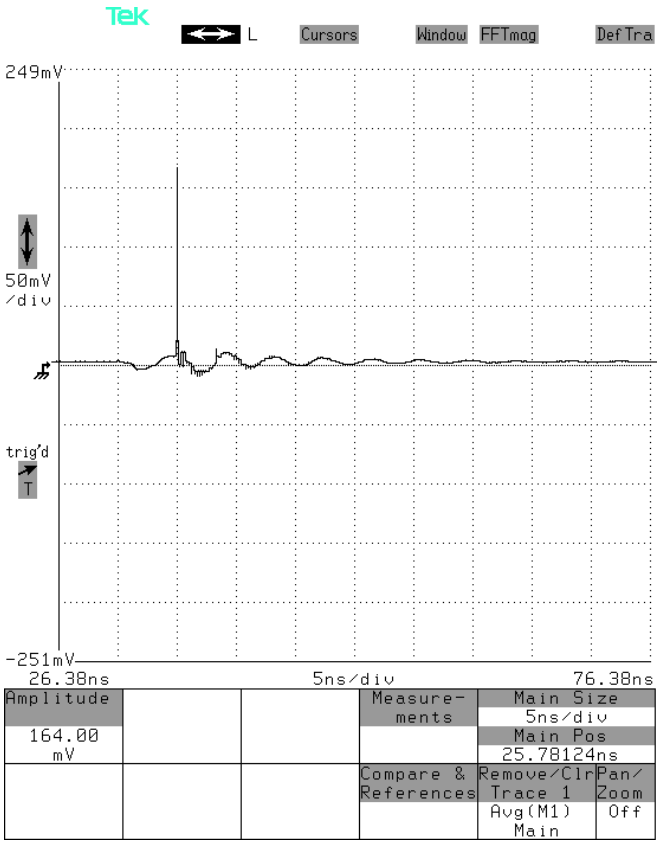
Model: AVH-S-1-P
Type: Ultra-High-Speed Impulse Generator
S.N.: 11518
Date: June 29, 2006

Basic specifications: →

Output Amplitude:	0 to +10V, to 50Ω
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:	+15V DC

Test Waveforms

100 kHz, maximum amplitude.
50 ps/div. 5 V/div (50 mV × 40 dB).



Same signal, but at 5 ns /div: