



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

P.O. BOX 265
OGDENSBURG, NY
U.S.A. 13669-0265

TEL: 888-670-8729 (USA & Canada) or +1-613-226-5772 (Intl)
FAX: 800-561-1970 (USA & Canada) or +1-613-226-2802 (Intl)

BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H4

info@avtechpulse.com - http://www.avtechpulse.com/

PERFORMANCE CHECKSHEET

Model: AVH-S-1-B-TNT-R5-P
Type: Ultra-High-Speed Impulse Generator
S.N.: 12076
Date: September 19, 2008

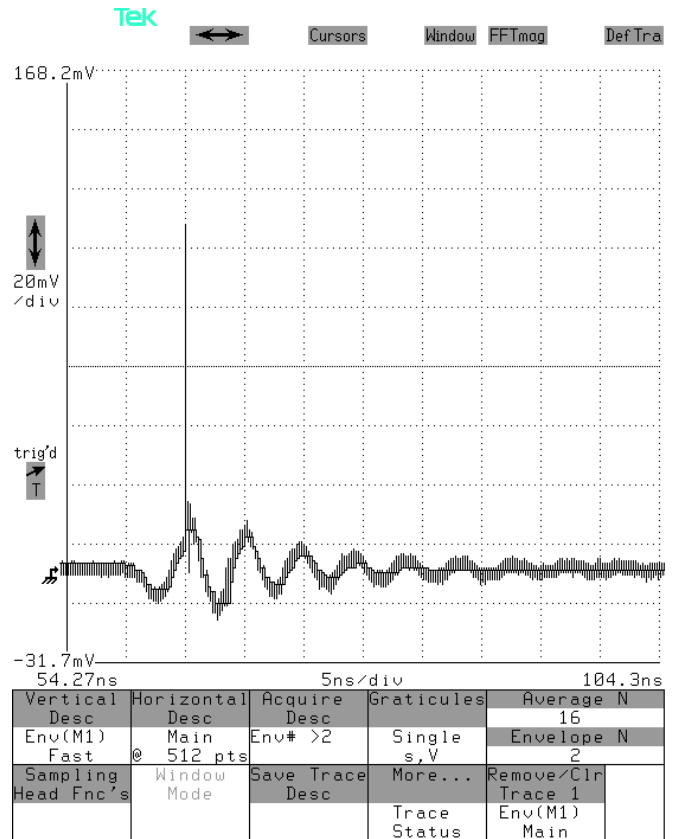
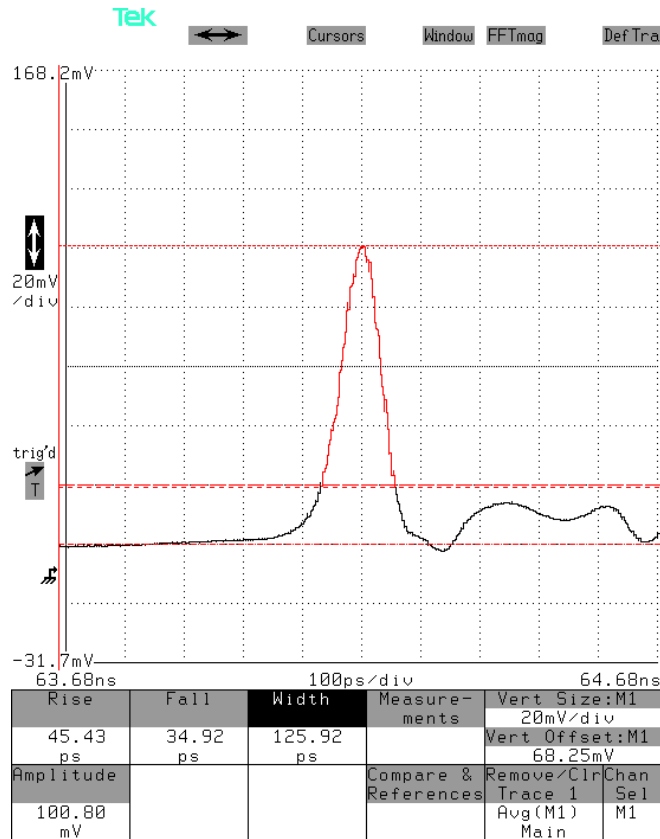
Output Amplitude: 0 to +10V, to 50Ω
Pulse Width (FWHM): ≤ 130 ps (at 20%)
Rise Time (20%-80%): N/A
Fall Time (80%-20%): N/A
PRF: to 1 MHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz

Basic specifications: →

Test Waveforms

100 kHz, +10V,
100 ps/div. 2 V/div (20 mV × 40 dB).

Same signal, but at 5 ns /div:



(Captured using "envelope" mode, to show the narrow impulse. The "thick" baseline is a measurement artefact resulting from envelope mode.)