



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 +1-613-686-6675 (Intl)
FAX: 800-561-1970 (USA & Canada) or +1-613-686-6679 (Intl)

☒ BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H5

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

PERFORMANCE CHECKSHEET

Model: AVL-5-B-PN-TR-DP-KMPD
Type: Ultra-High-Speed Pulse Generator
S.N.: 13189
Date: July 16, 2014

Output Amplitude: up to $\pm 400V$, to 50Ω
Pulse Width (FWHM): 8 – 100 ns
Rise Time (20%-80%): ≤ 2 ns
Fall Time (80%-20%): ≤ 5 ns
PRF: 1 Hz - 2 kHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

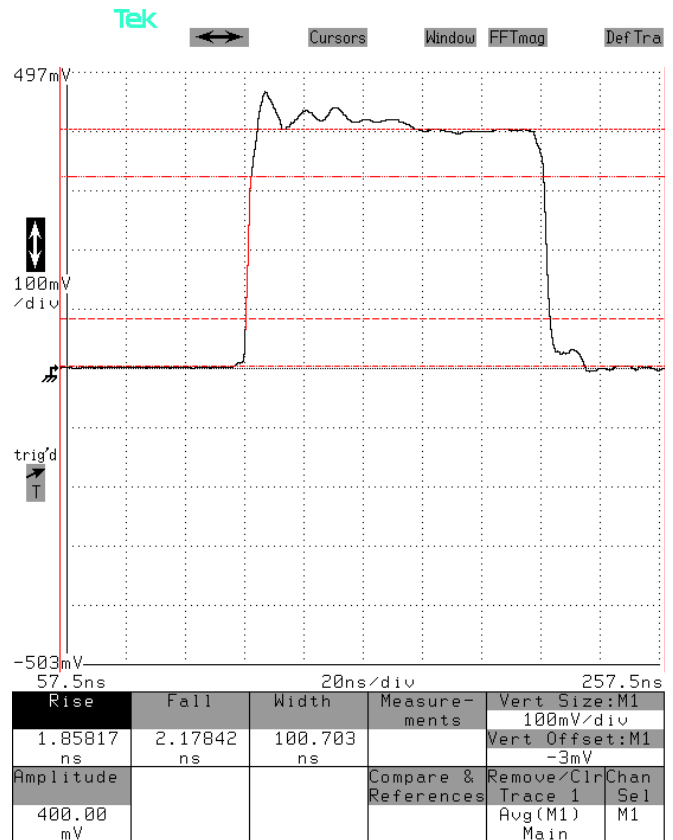
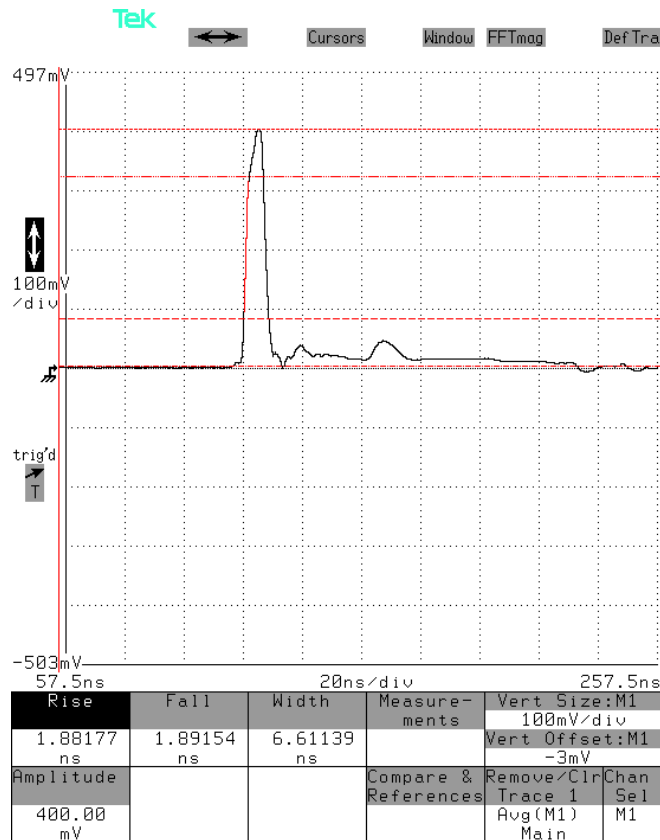
Test Waveforms

CH1, 2 kHz, < 8 ns, +400V,

CH1, 2 kHz, 100 ns, +400V,

20 ns/div. 100 V/div (100 mV/div \times 60 dB):

20 ns/div. 100 V/div (100 mV/div \times 60 dB):



2 kHz, 50 ns, 200 ns delay, +400V,
 50 ns/div. 100 V/div (100 mV/div × 60 dB):



2 kHz, 50 ns, 200 ns delay, -100V and -400V,
 50 ns/div. 100 V/div (100 mV/div × 60 dB):

