



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: AVMR-2D-B-N
Type: Ultra-High-Speed Pulse Generator
S.N.: 13462
Date: May 26, 2016

Output Amplitude: up to -20V, to 50Ω
Pulse Width (FWHM): 0.5 to 200 ns
Rise Time (20%-80%): ≤ 200 ps
Fall Time (80%-20%): ≤ 200 or 250 ps
PRF: 1 Hz - 10 MHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

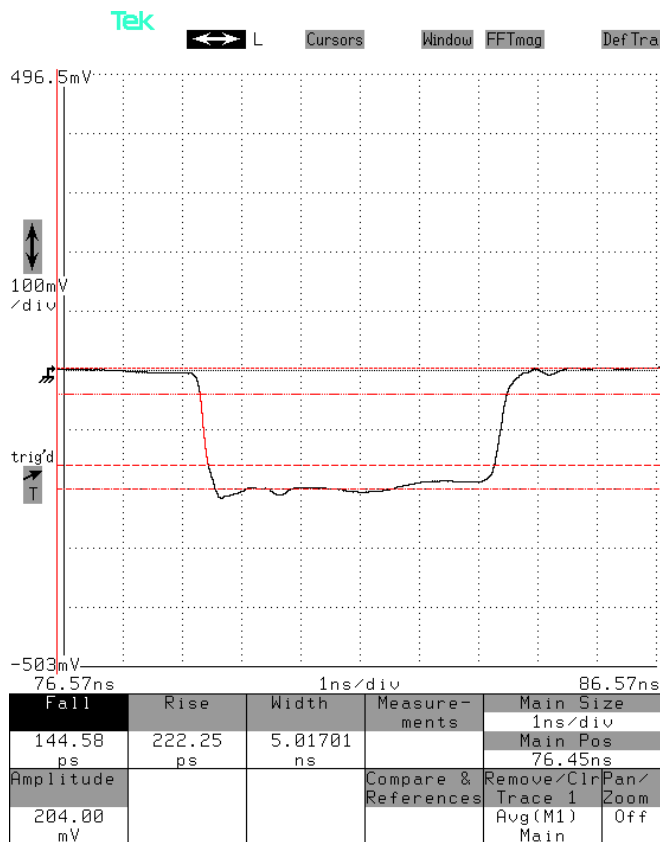
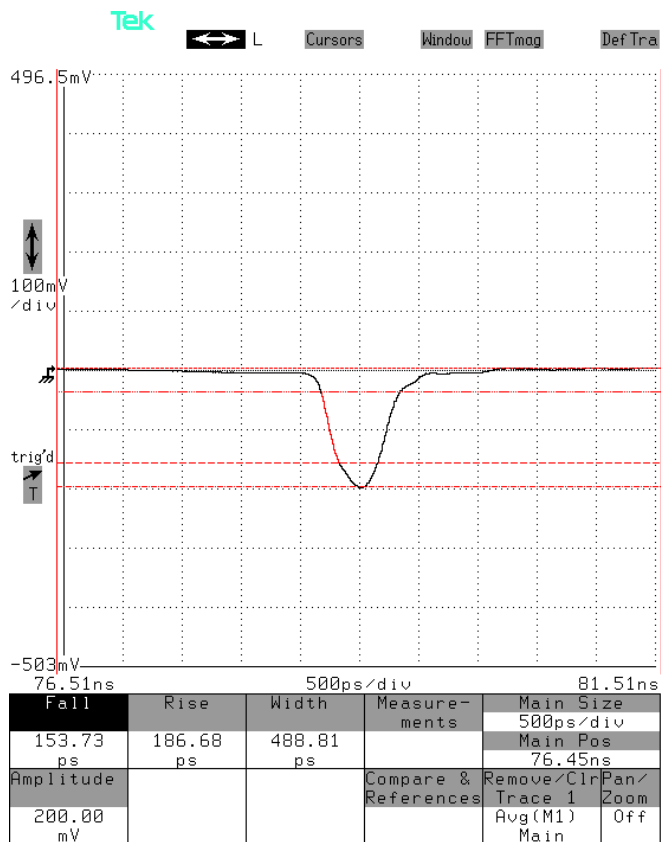
Test Waveforms

5 MHz, 500 ps, -20V,

1 MHz, 5 ns, -20V,

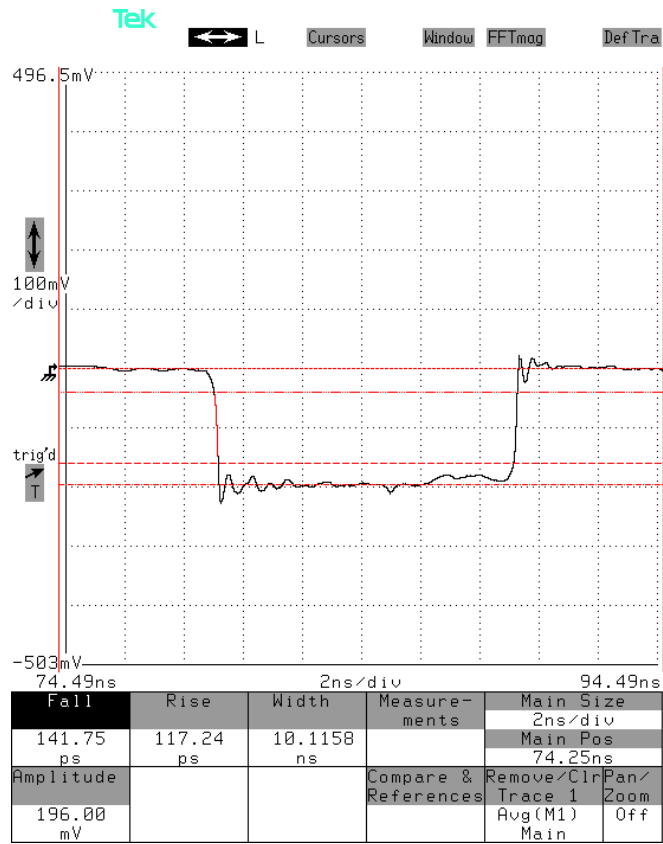
500 ps/div. 10 V/div (100 mV/div × 40 dB):

1 ns/div. 10 V/div (100 mV/div × 40 dB):



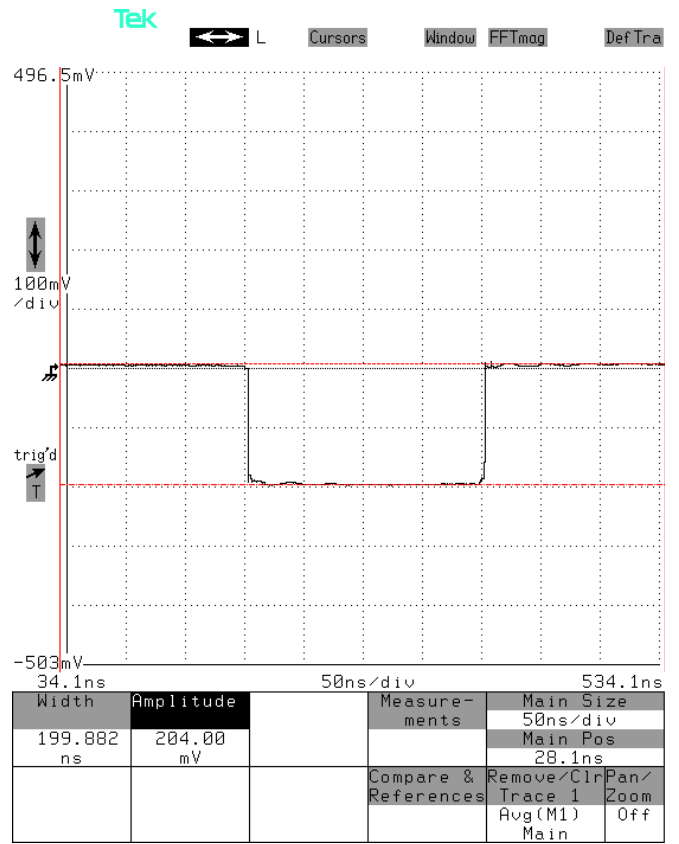
1 MHz, 10 ns, -20V,

2 ns/div. 10 V/div (100 mV/div × 40 dB):

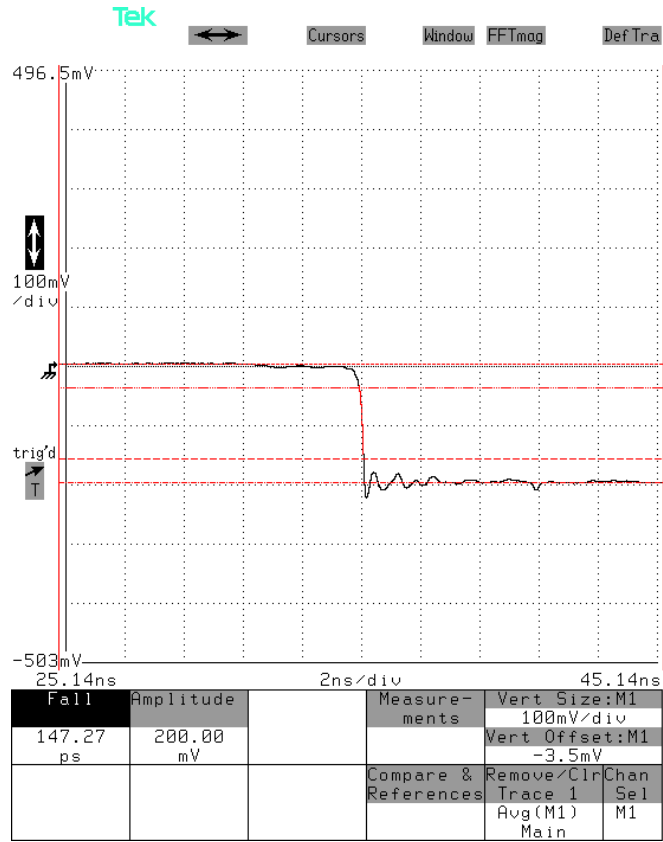


100 kHz, 200 ns, -20V,

50 ns/div. 10 V/div (100 mV/div × 40 dB):



100 kHz, 200 ns, -20V, scaled to show rise time,
2 ns/div. 10 V/div (100 mV/div × 40 dB):



100 kHz, 200 ns, -20V, scaled to show fall time,
2 ns/div. 10 V/div (100 mV/div × 40 dB):

