



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-OT-PN-M-3YW
Type: Ultra-High-Speed Pulse Generator
S.N.: 13111
Date: February 10, 2014

Output Amplitude: up to ±20V, to 50Ω
Pulse Width (FWHM): 0.3 to 200 ns
Rise Time (20%-80%): ≤ 150 ps
Fall Time (80%-20%): ≤ 150 or 250 ps
PRF: 1 Hz - 10 MHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

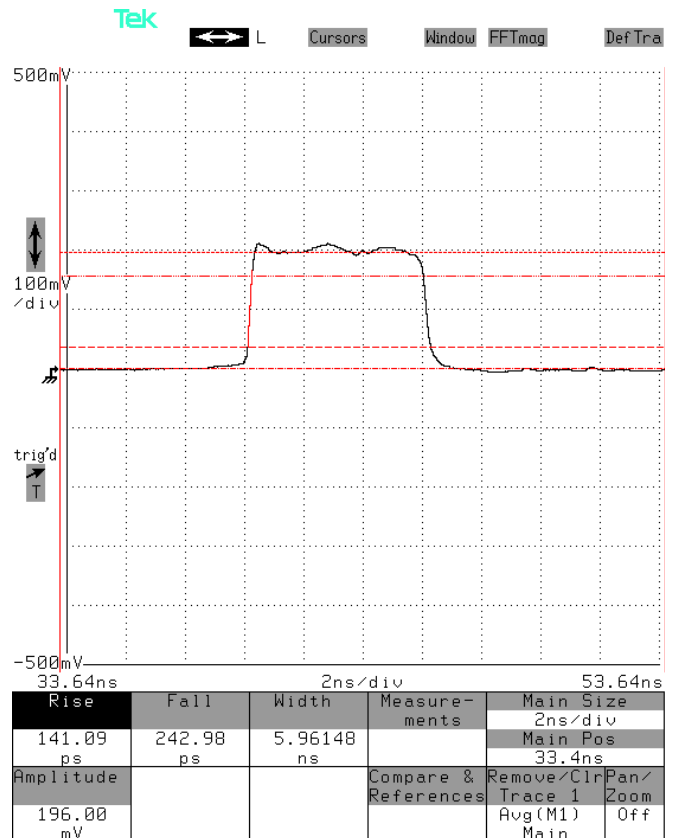
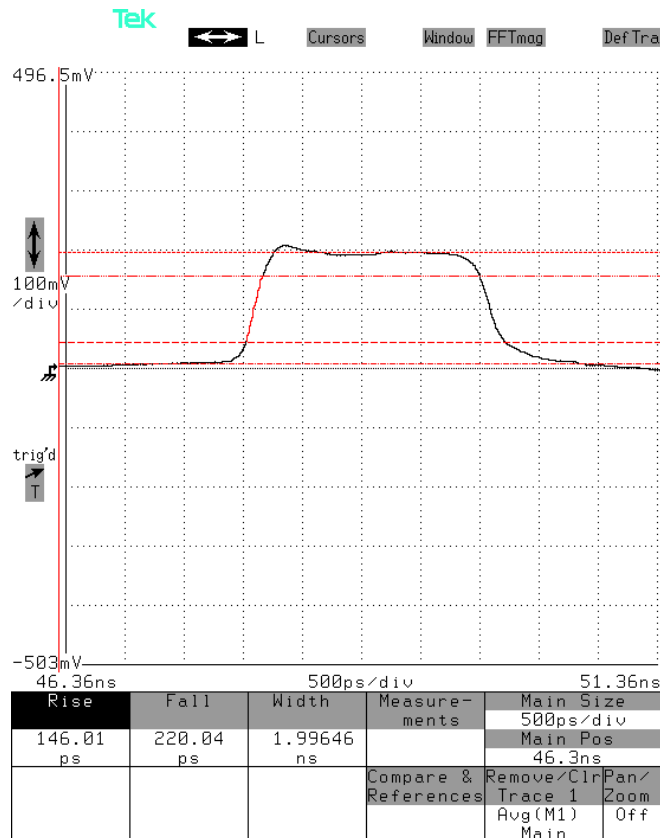
Test Waveforms

5 MHz, 2 ns, +20V,

10 kHz, 6 ns, +20V,

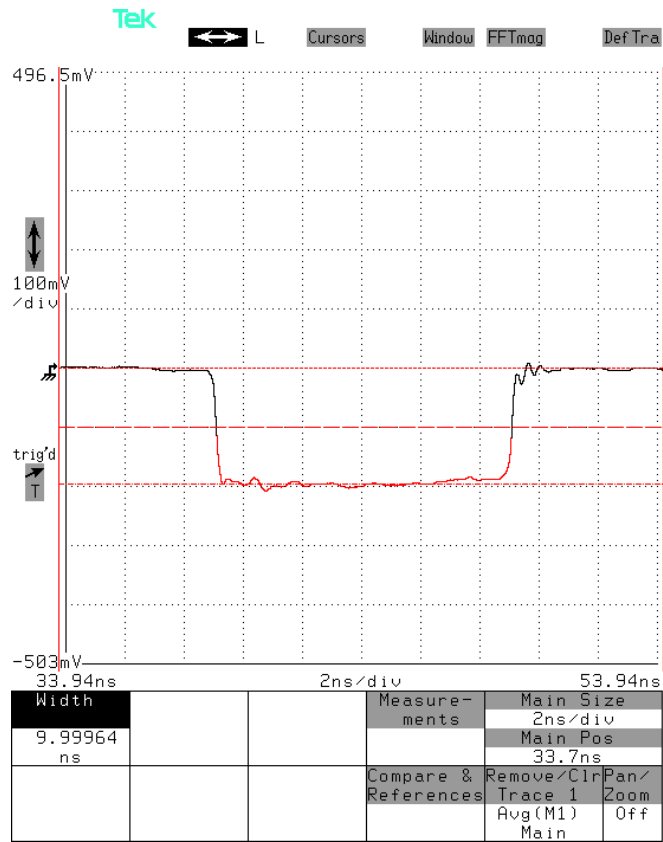
500 ps/div. 10 V/div (100 mV/div × 40 dB):

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



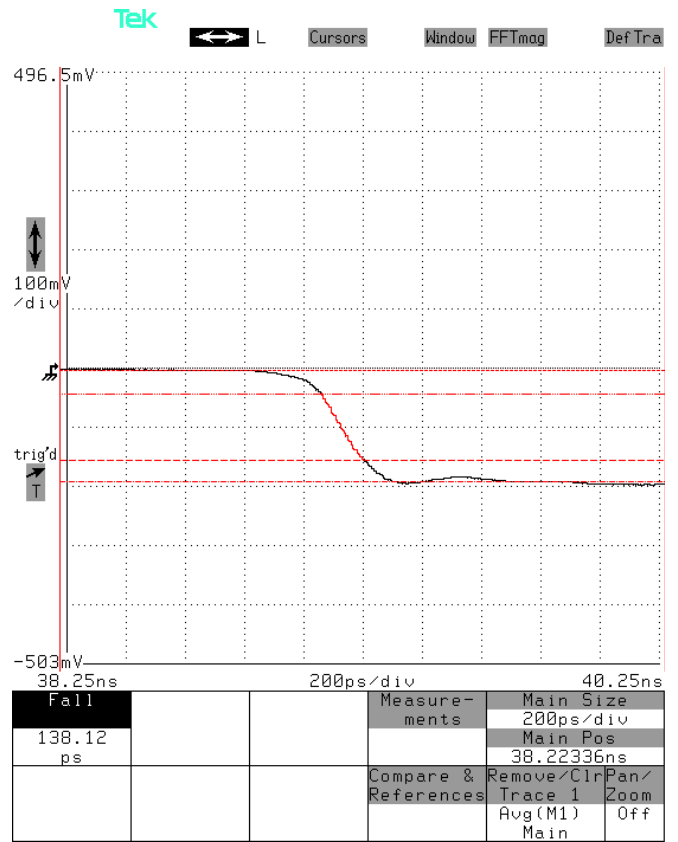
10 kHz, 10 ns, -20V,

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



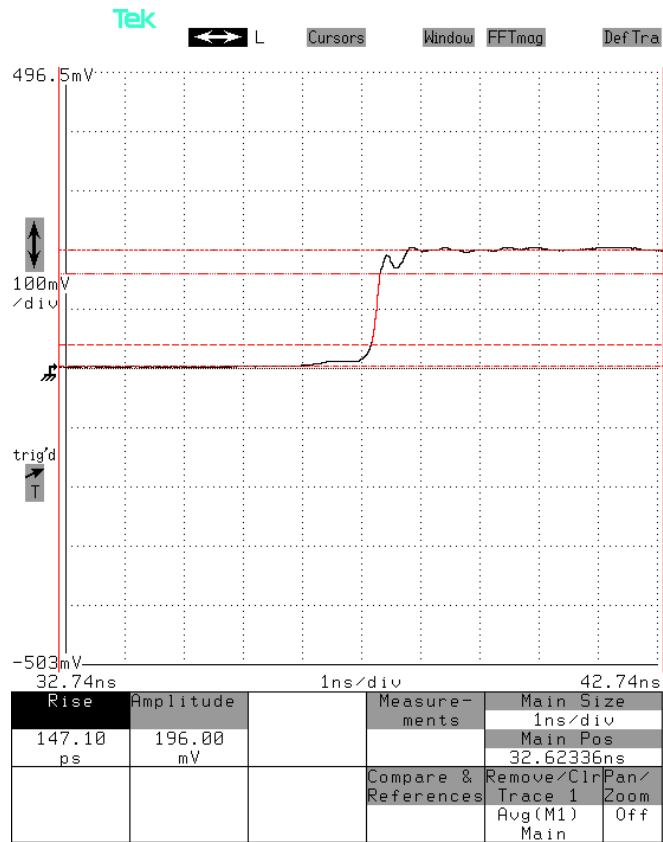
Same pulse, scaled to show rise time (leading edge time):

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



10 kHz, 200 ns, +20V, scaled to show rise time,

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



10 kHz, 100 ns, +20V, with +5V DC offset,

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

