



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

Tel: 888-670-8729 (USA & Canada)
or +1-613-686-6675 (Worldwide)

BOX 5120, LCD MERIVALE
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AVMR-2D-B-PN-OT
Type: Ultra-High-Speed Pulse Generator
S.N.: 14181
Date: November 23, 2021

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

Basic specifications: →

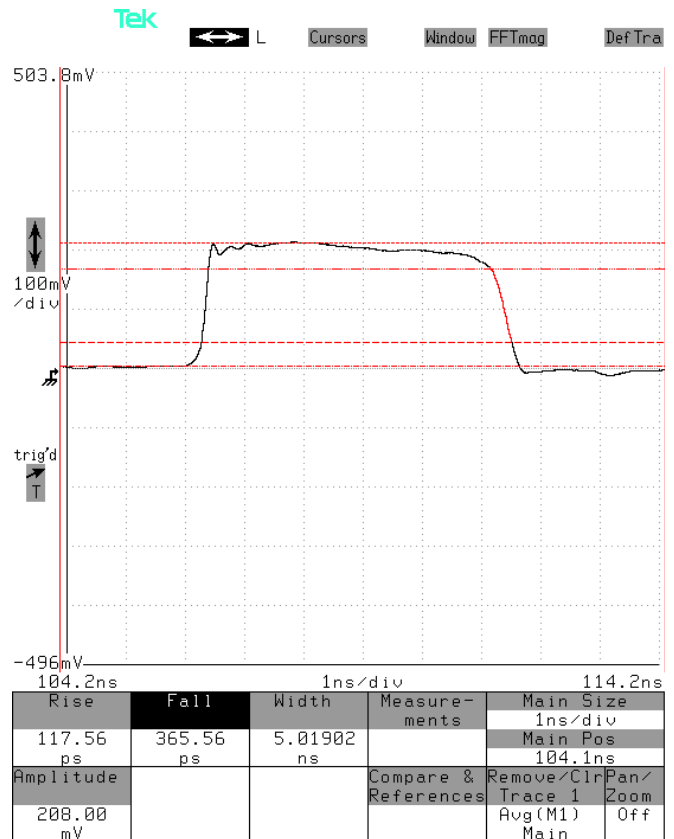
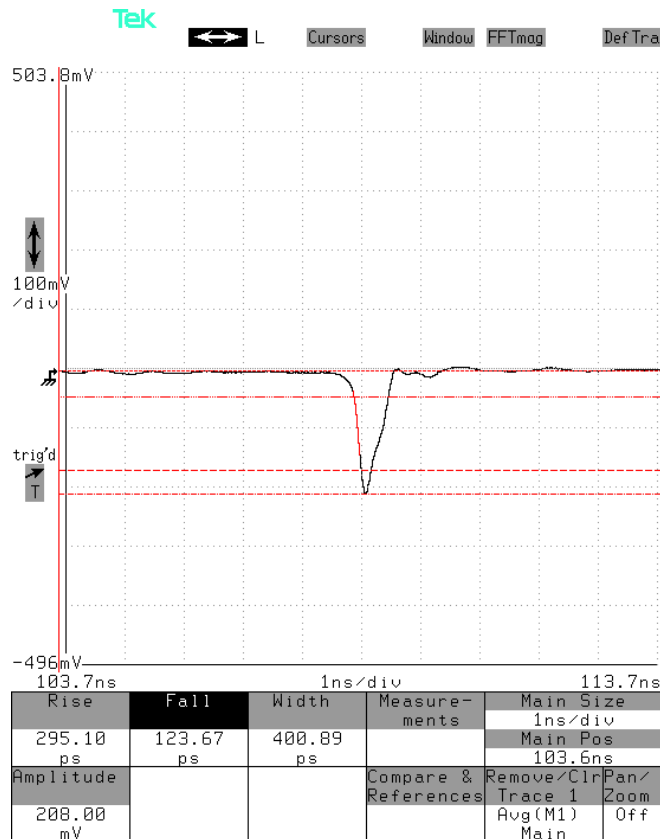
Test Waveforms

100 kHz, < 0.5 ns, $> -20V$,

10 MHz, 5 ns, $+20V$,

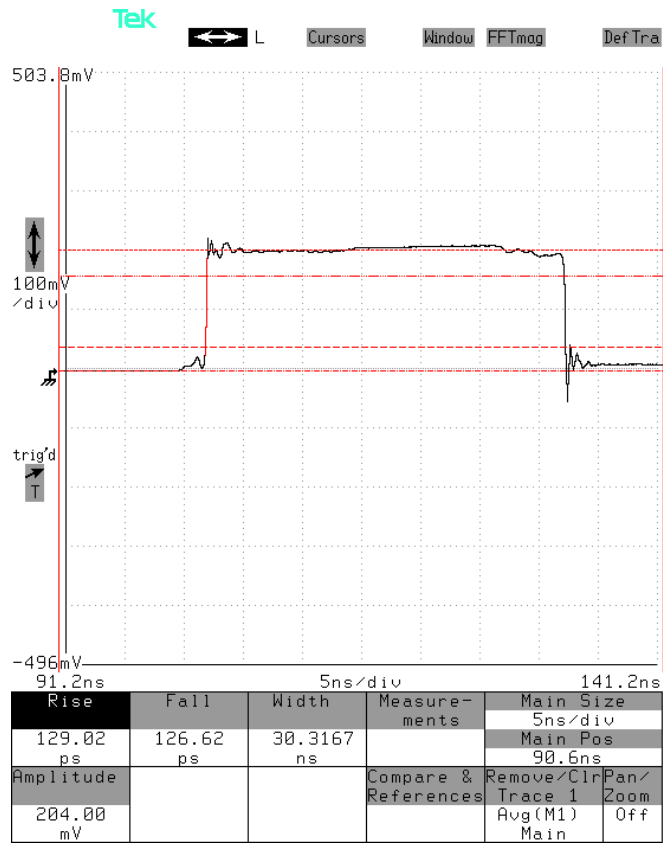
1 ns/div. 10 V/div (100 mV/div \times 40 dB):

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



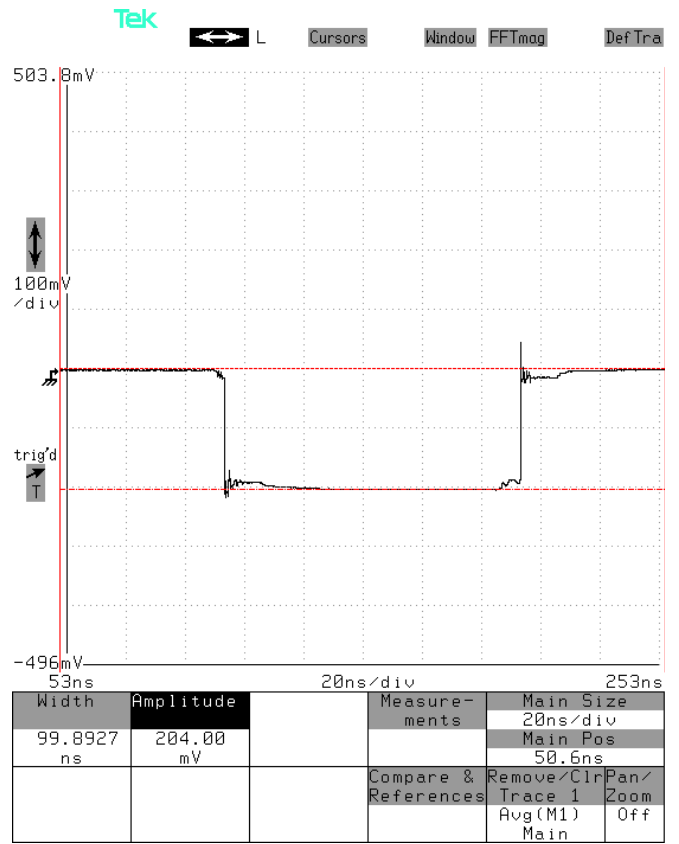
100 kHz, 30 ns, +20V,

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

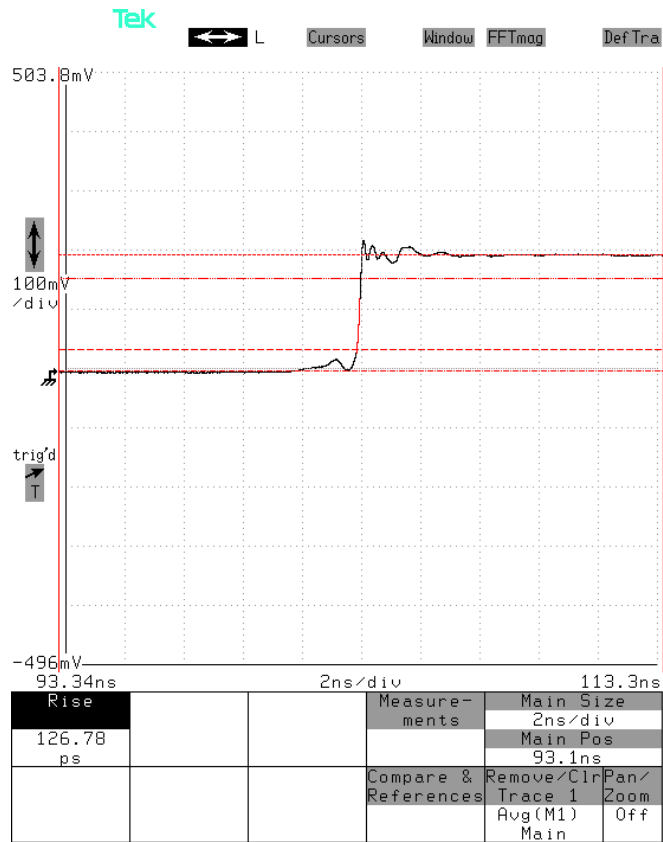


100 kHz, 100 ns, -20V,

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



100 kHz, 200 ns, +20V, leading edge,
 2 ns/div. 10 V/div (100 mV/div × 40 dB):



100 kHz, 200 ns, +20V, trailing edge,
 2 ns/div. 10 V/div (100 mV/div × 40 dB):

