



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: AVMP-4-B-PN
Type: Ultra-High-Speed Pulse Generator
S.N.: 13562
Date: May 16, 2017

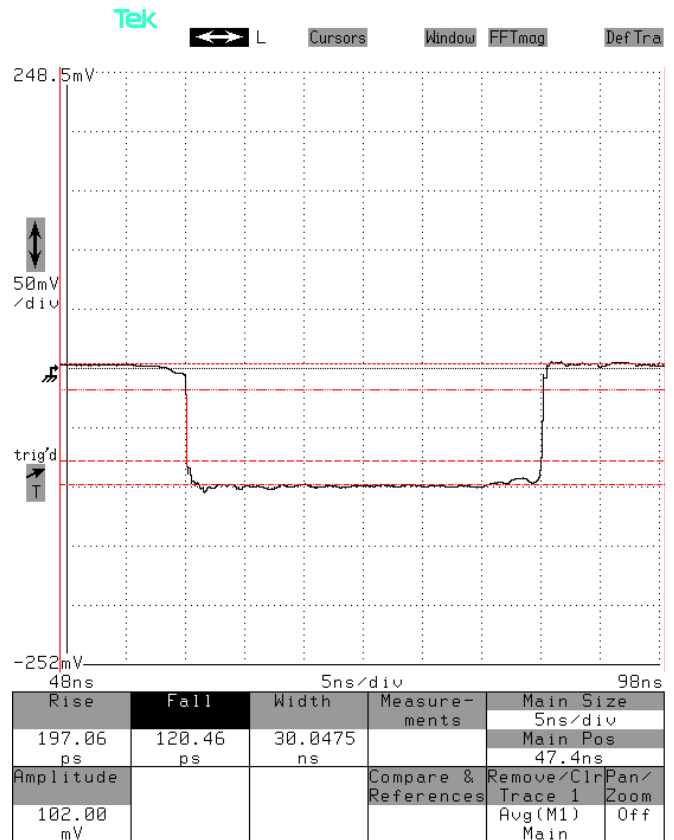
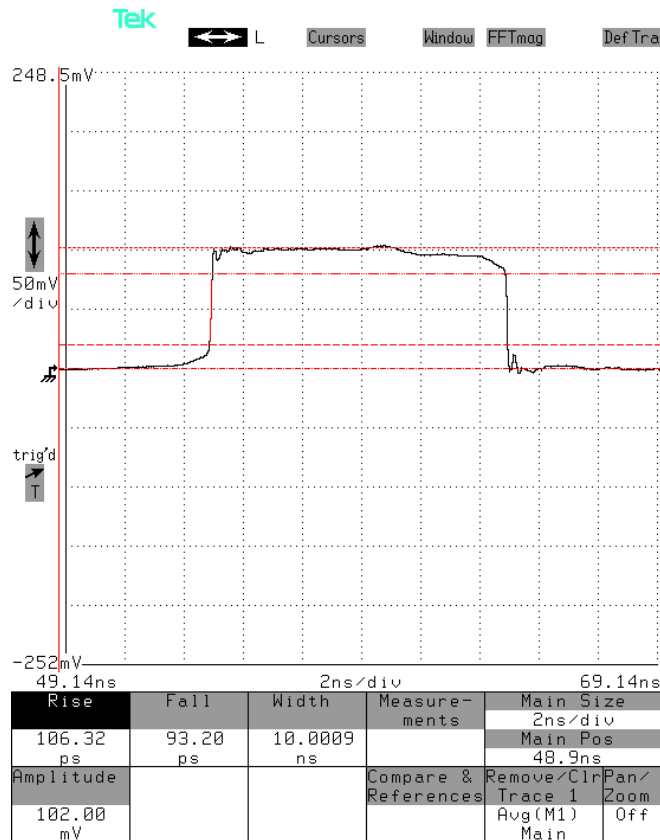
Output Amplitude: up to $\pm 10V$, to 50 Ω
Pulse Width (FWHM): 10 ns – 10 μs
Rise Time (20%-80%): ≤ 200 ps
Fall Time (80%-20%): ≤ 200 ps
PRF: 1 Hz - 1 MHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

Test Waveforms

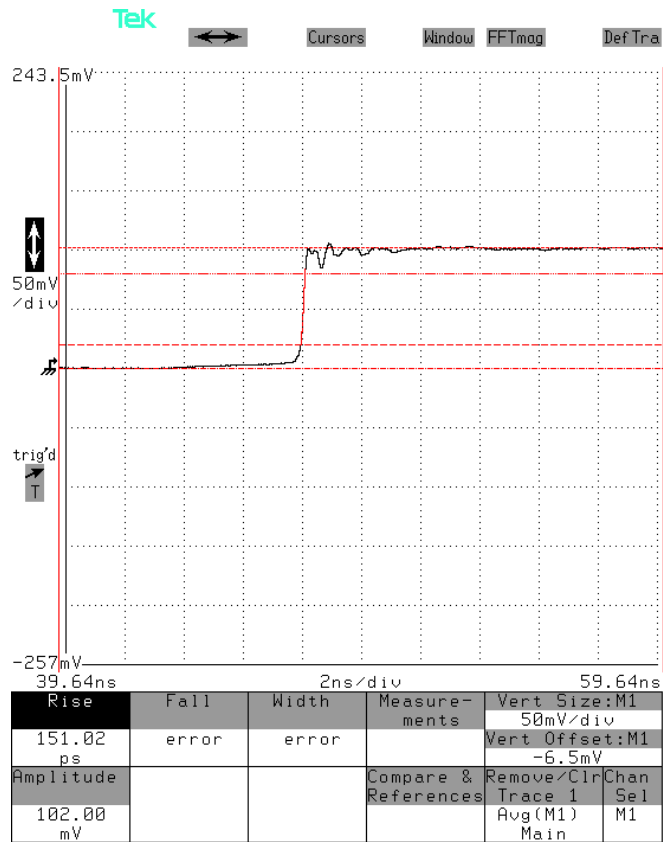
Full pulse at 1 MHz, 10 ns, +10V,
2 ns/div. 5 V/div (50 mV/div \times 40 dB):

Full pulse at 1 MHz, 30 ns, -10V,
5 ns/div. 5 V/div (50 mV/div \times 40 dB):



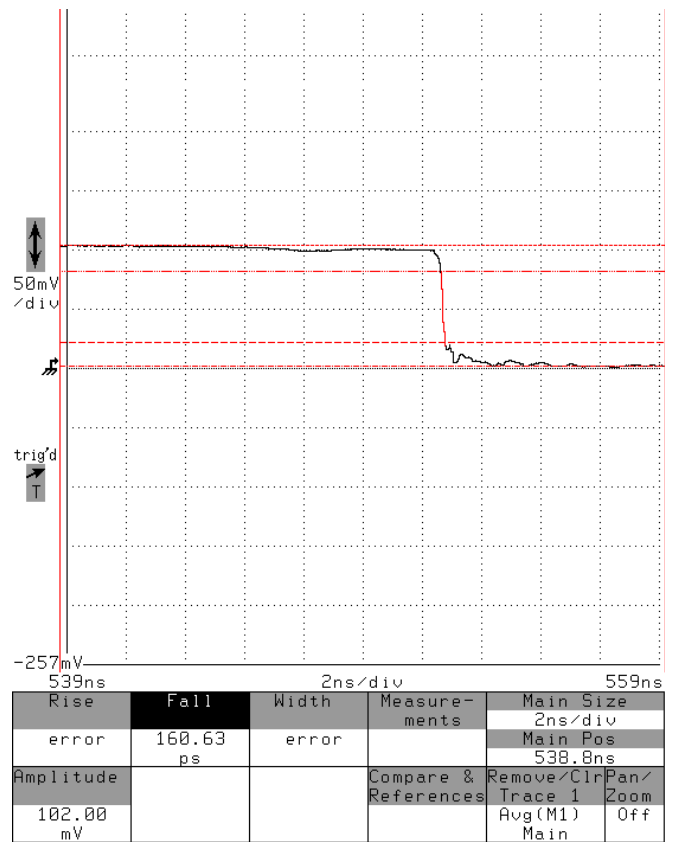
Rising edge at 100 kHz, 500 ns, +10V,

2 ns/div. 5 V/div (50 mV/div × 40 dB):



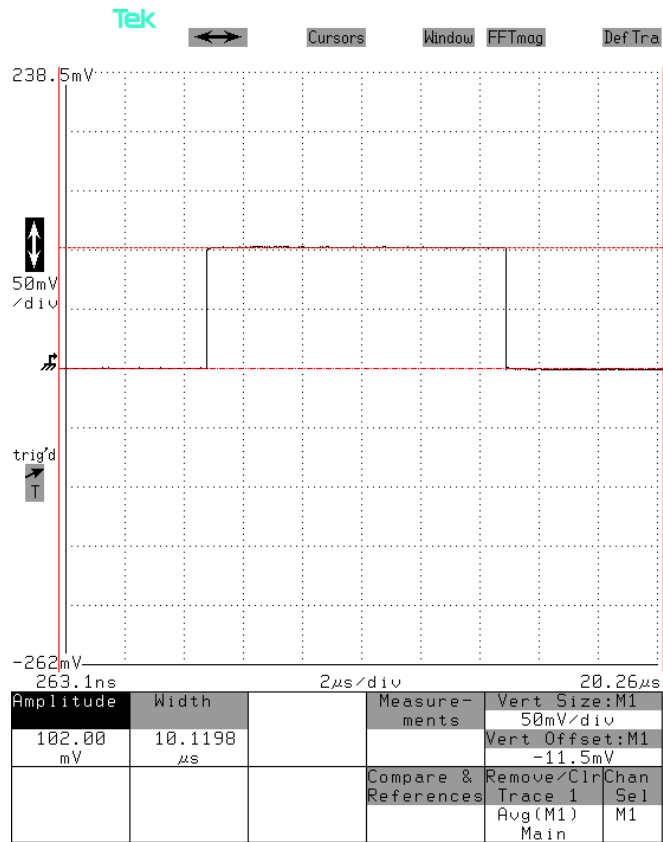
Falling edge at 100 kHz, 500 ns, +10V,

2 ns/div. 5 V/div (50 mV/div × 40 dB):



Full pulse at 10 kHz, 10 us, +10V,

2 us/div. 5 V/div (50 mV/div × 40 dB):



Full pulse at 10 kHz, 10 us, -10V,

2 us/div. 5 V/div (50 mV/div × 40 dB):

