



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: AVMP-3A-B-PN
Type: Ultra-High-Speed Pulse Generator
S.N.: 14500
Date: February 21, 2025

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

Basic specifications: \rightarrow

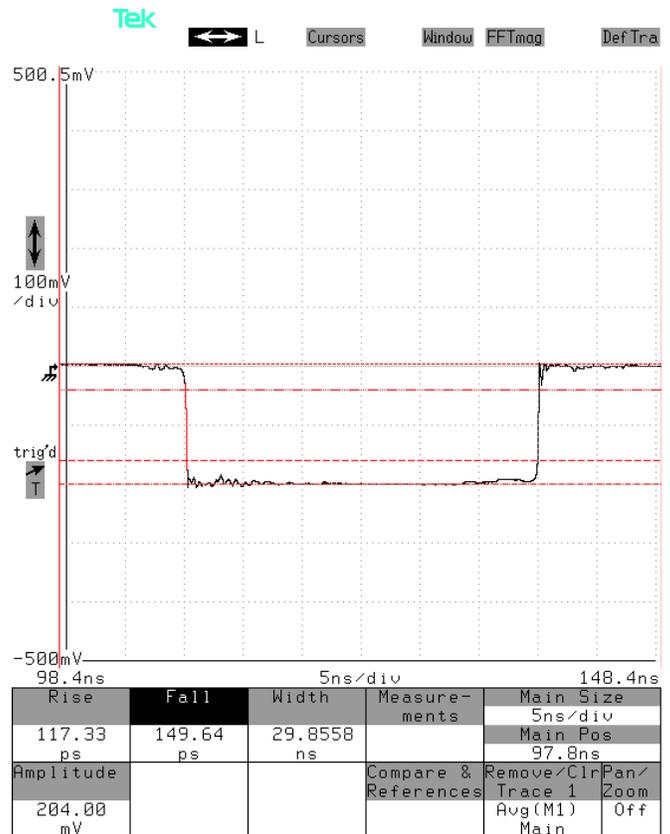
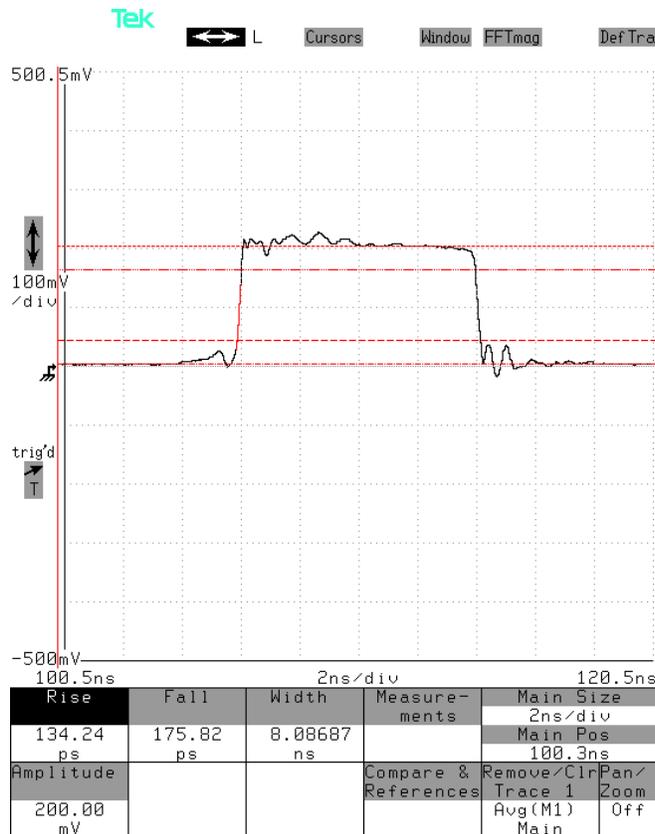
Test Waveforms

Full pulse at 100 kHz, < 10 ns, +20V,

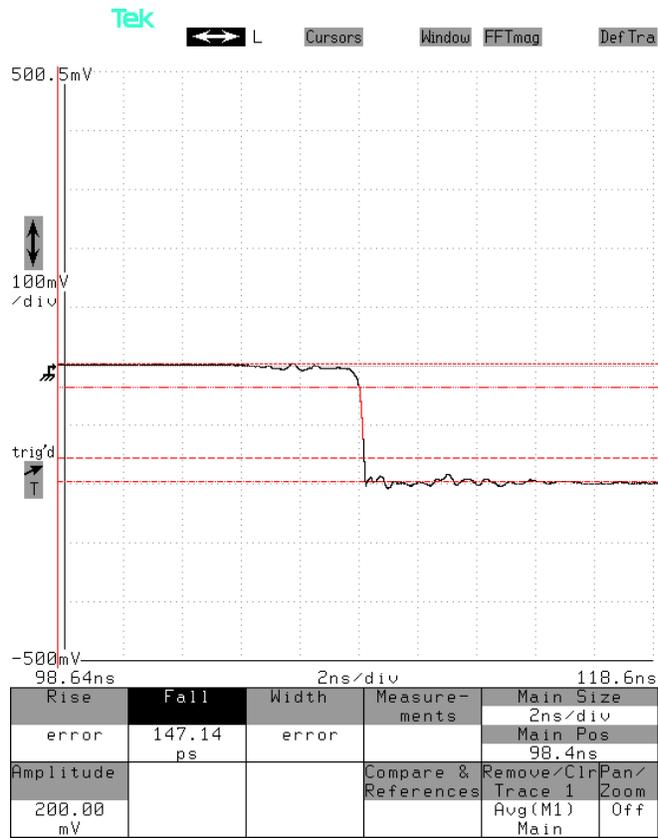
Full pulse at 100 kHz, 30 ns, -20V,

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

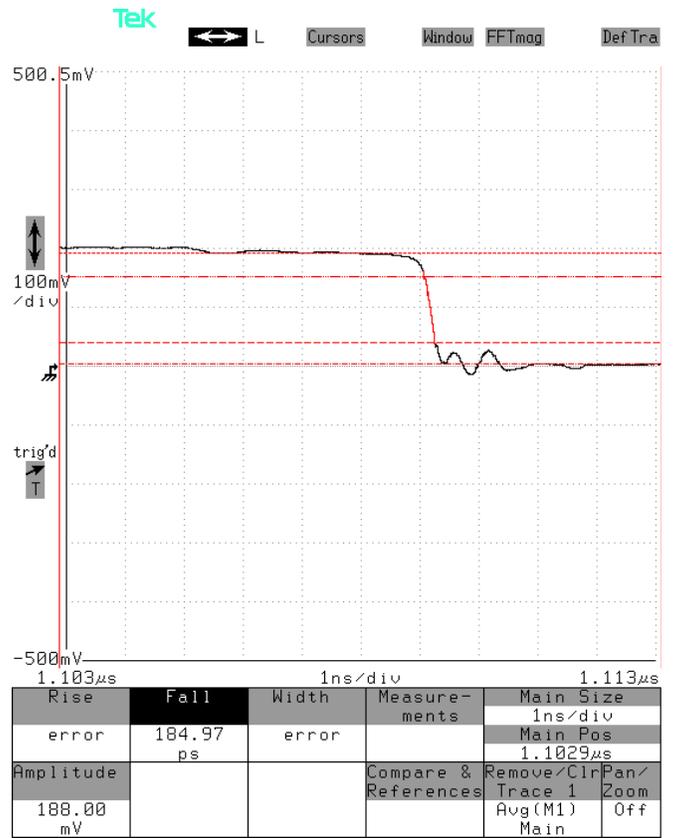
5 ns/div. 10 V/div (100 mV/div \times 40 dB):



Leading edge at 10 kHz, 1 us, -20V,
 2 ns/div. 10 V/div (100 mV/div × 40 dB):



Falling edge at 10 kHz, 1 us, +20V,
 1 ns/div. 10 V/div (100 mV/div × 40 dB):



Full pulse at 10 kHz, 1 us, -20V,

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

