



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 3H4

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

PERFORMANCE CHECKSHEET

Model: AVMP-3-B-AC17-P
Type: Ultra-High-Speed Pulse Generator
S.N.: 12779
Date: March 9, 2012

Output Amplitude: 0 to ±20V, to 50Ω
Pulse Width (FWHM): 8 – 100 ns
Rise Time (20%-80%): ≤ 200 ps
Fall Time (80%-20%): ≤ 300 ps
PRF: 1 Hz - 1 MHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

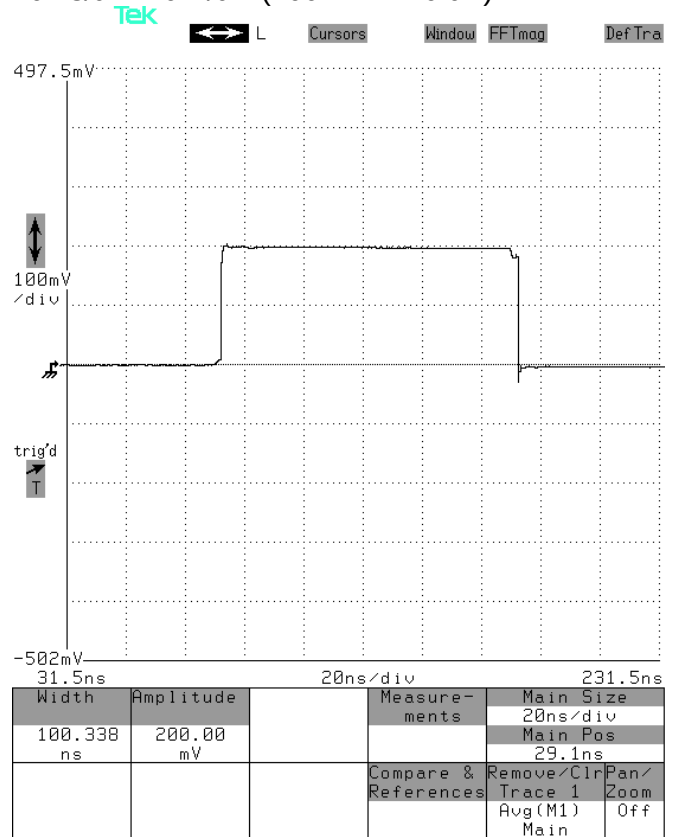
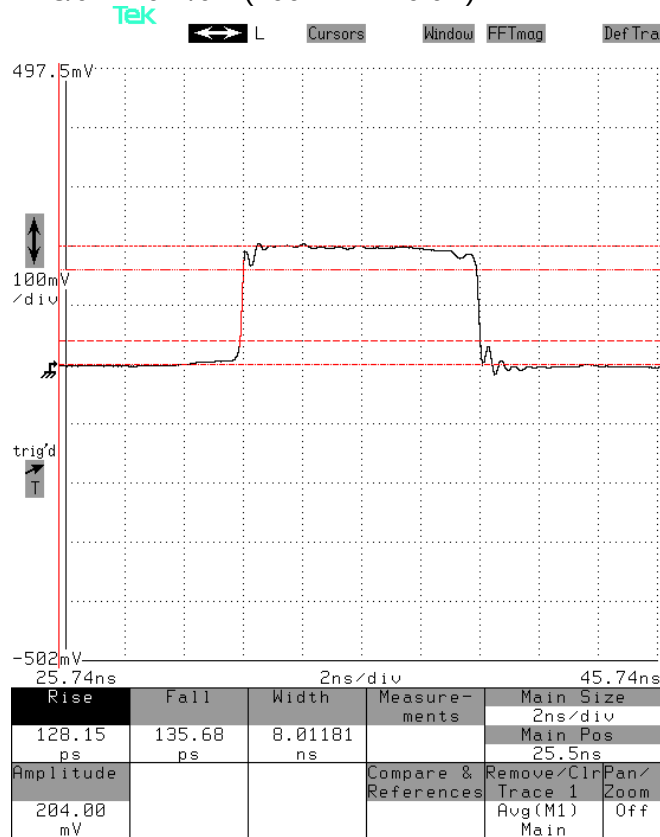
Test Waveforms

Full pulse at 1 MHz, 8 ns, +20V,

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

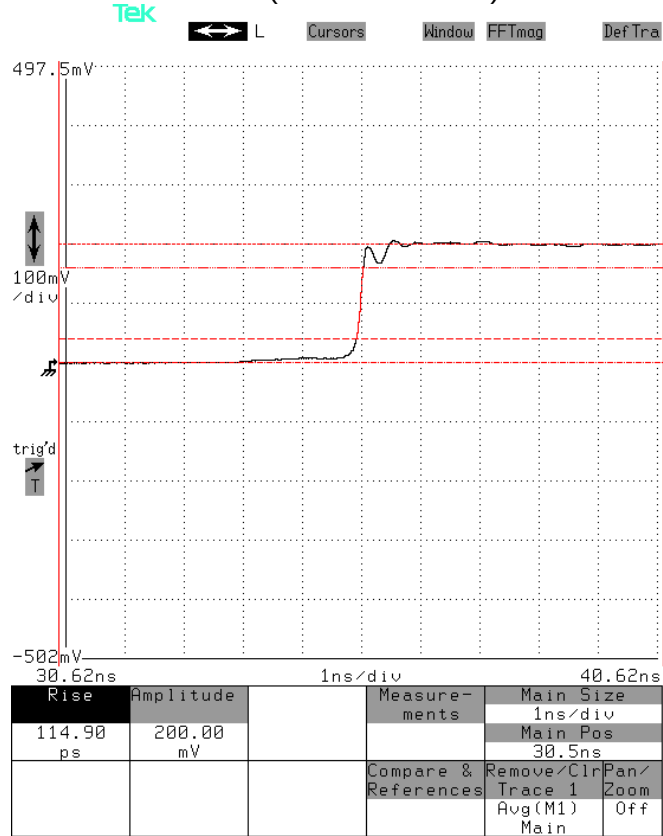
2 ns/div, 10 V/div (100 mV × 40 dB):

20 ns/div, 10 V/div (100 mV × 40 dB):



Leading edge at 100 kHz, 100 ns, +20V,

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



Trailing edge at 100 kHz, 100 ns, +20V,

1 ns/div. 10 V/div (100 mV × 40 dB):

