



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: AVPP-2-C-AC03-AK1-AK8-M-P
Type: Ultra-High-Speed Pulse Generator
S.N.: 12895
Date: September 6, 2012

Output Amplitude: up to +10V, to 50Ω
Pulse Width (FWHM): 0.6 to 100 ns
Rise Time (20%-80%): ≤ 200 ps
Fall Time (80%-20%): ≤ 350 or 500 ps
PRF: 1 Hz - 100 kHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

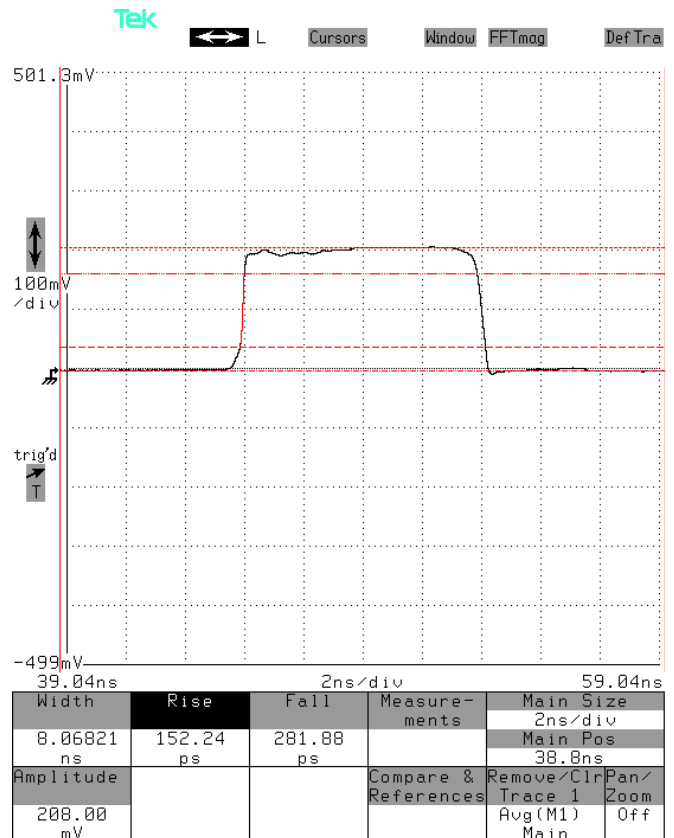
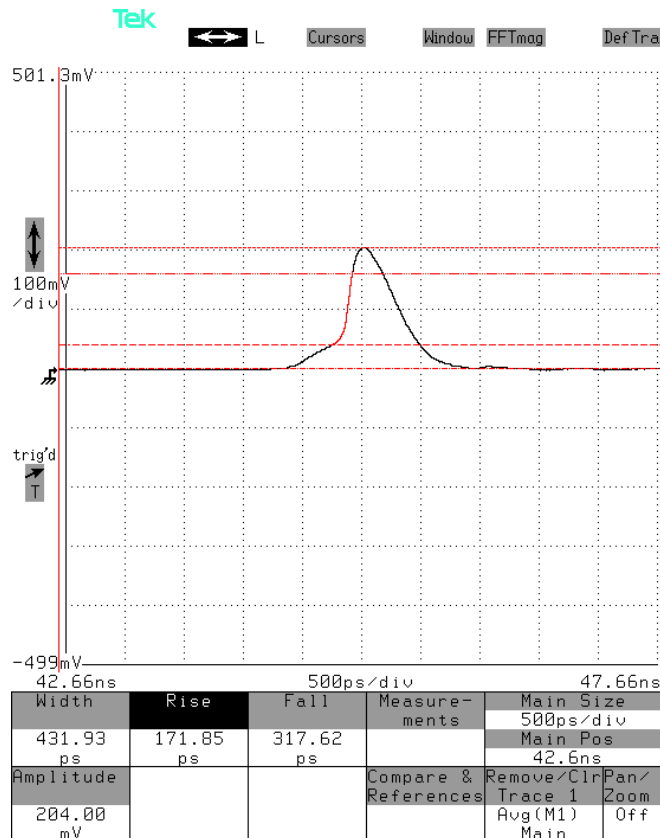
Test Waveforms

Full pulse at 100 kHz, < 500 ps, +20V,

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

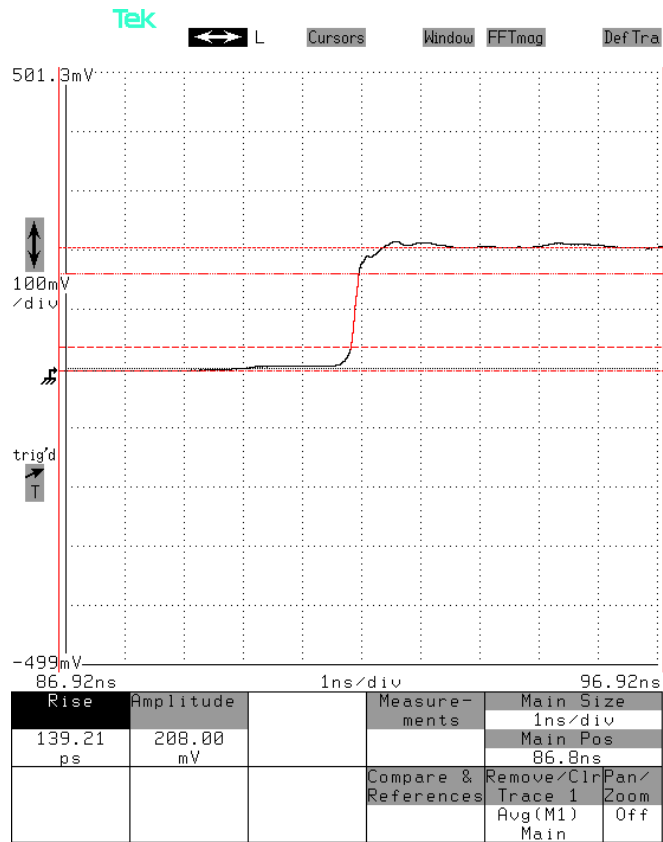
Full pulse at 100 kHz, 8 ns, +20V,

2 ns/div. 10 V/div (100 mV × 40 dB):



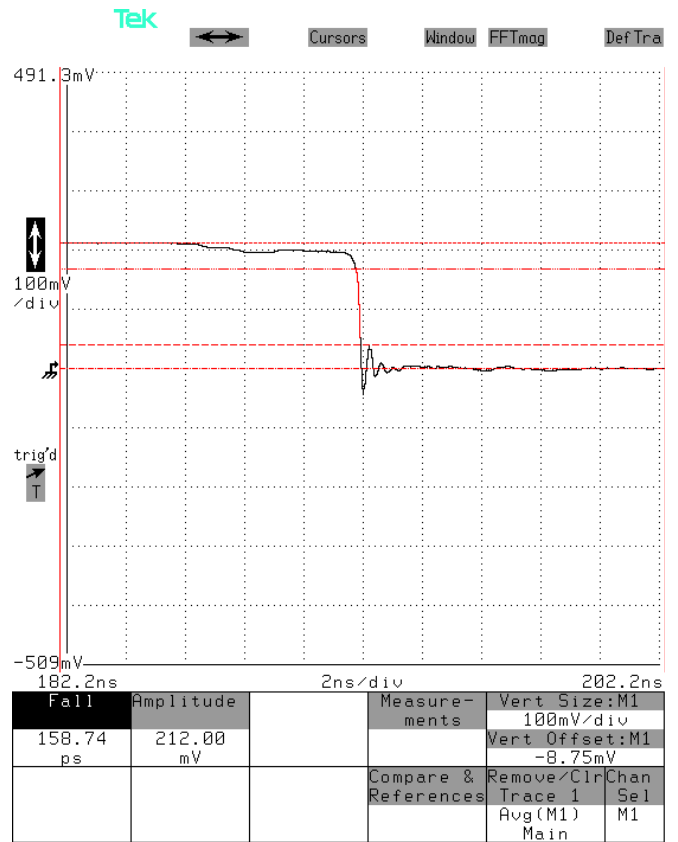
Leading edge at 100 kHz, 100 ns, +20V,

1 ns/div. 10 V/div (100 mV × 40 dB):



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

2 ns/div. 10 V/div (100 mV × 40 dB):



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

20 ns/div. 10 V/div (100 mV × 40 dB):

