



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: AVPP-2A-B-PN-AK1-AK8-AC17-R5-3YW
Type: Ultra-High-Speed Pulse Generator
S.N.: 13692
Date: May 3, 2018

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

Basic specifications: →

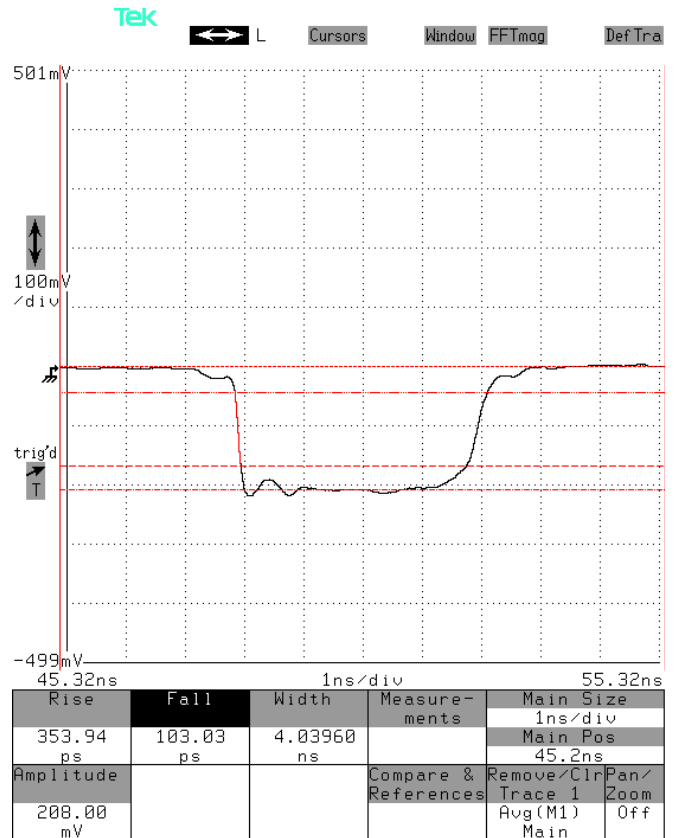
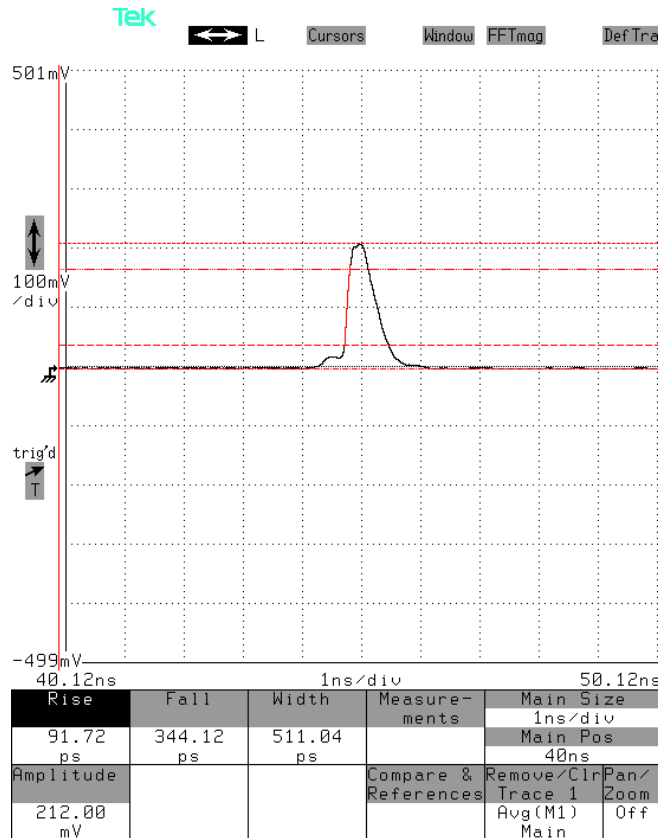
Test Waveforms

100 kHz, < 0.6 ns, > +20V,

100 kHz, 4 ns, > -20V,

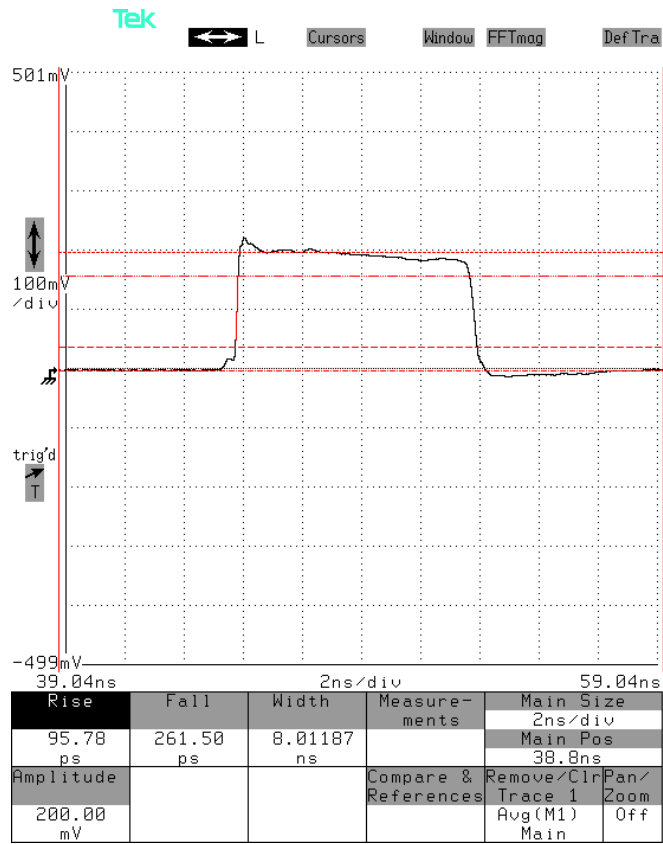
1 ns/div. 10 V/div (100 mV/div × 40 dB):

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



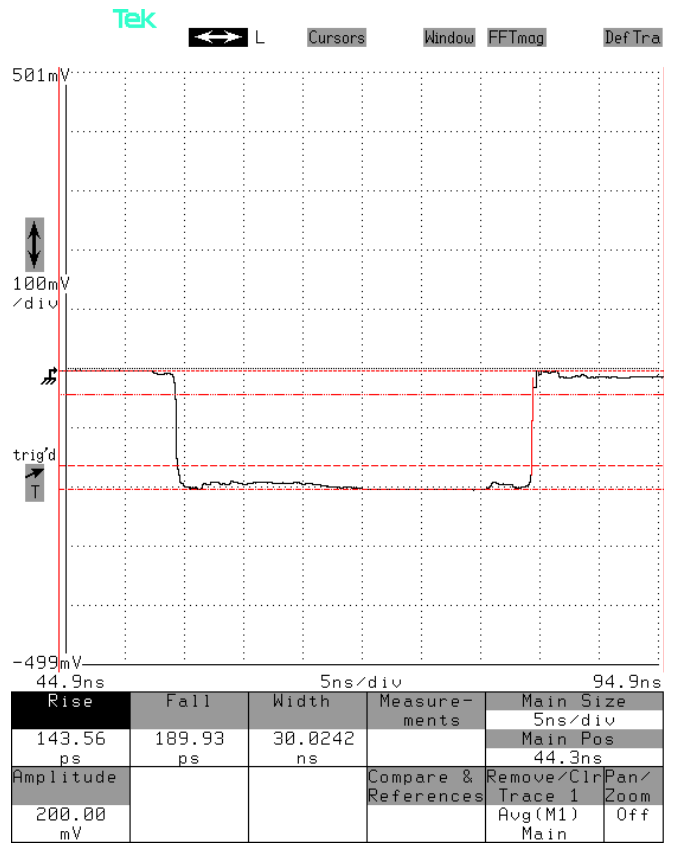
100 kHz, 8 ns, +20V,

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



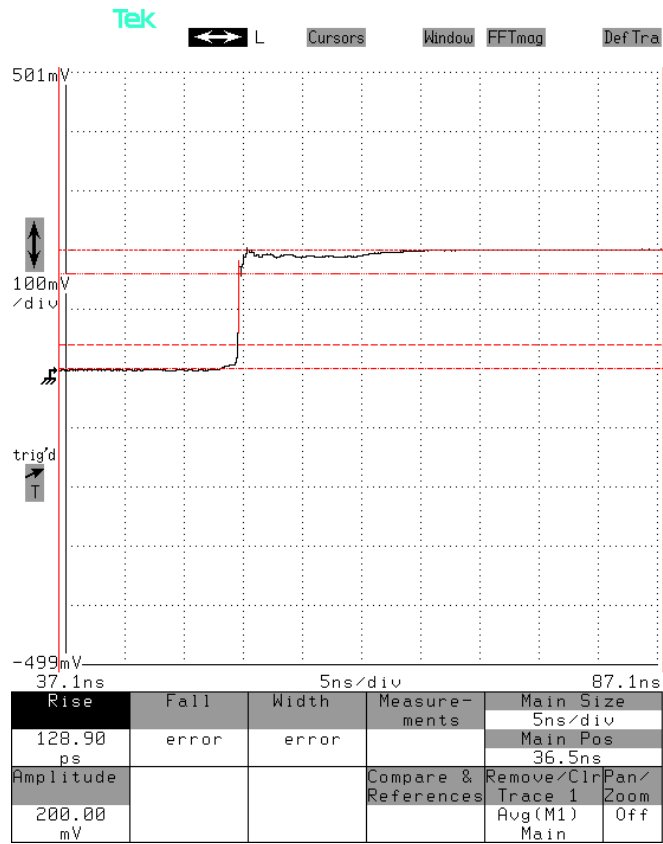
10 kHz, 30 ns, -20V,

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



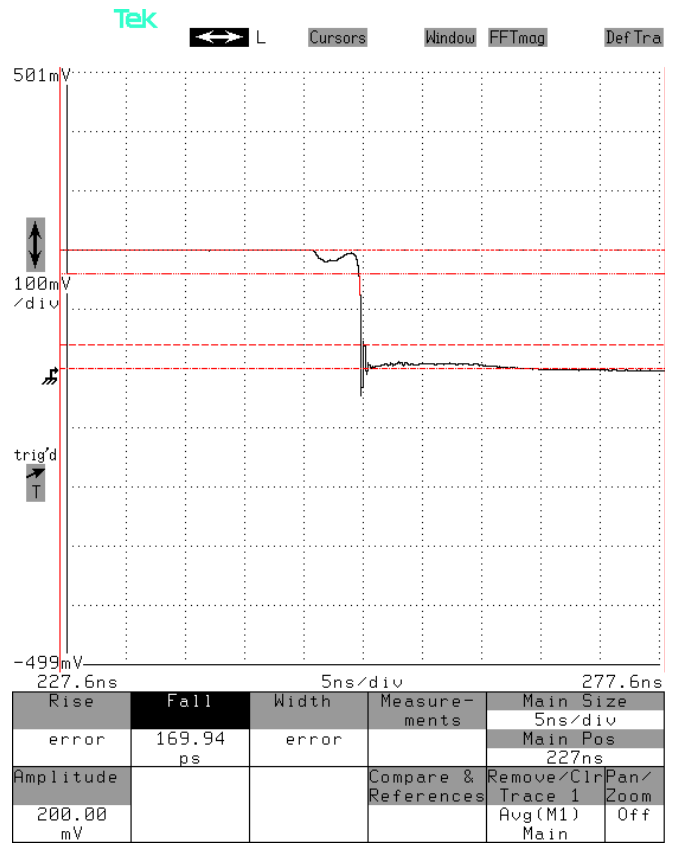
Leading edge at 10 kHz, 200 ns, +20V,

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



Trailing edge at 10 kHz, 200 ns, +20V,

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



10 kHz, 1 us, > -20V,

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

