



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 3H5

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

PERFORMANCE CHECKSHEET

Model: AVR-S3-B-P-R5-AC00
Type: Ultra-High-Speed Pulse Generator
S.N.: 13371
Date: November 30, 2015

Output Amplitude: up to +200V, to 50Ω
Pulse Width (FWHM): 100 ns to 5 us
Rise Time (20%-80%): ≤ 3 ns
Fall Time (80%-20%): ≤ 3 ns
PRF: 1 Hz - 10 kHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

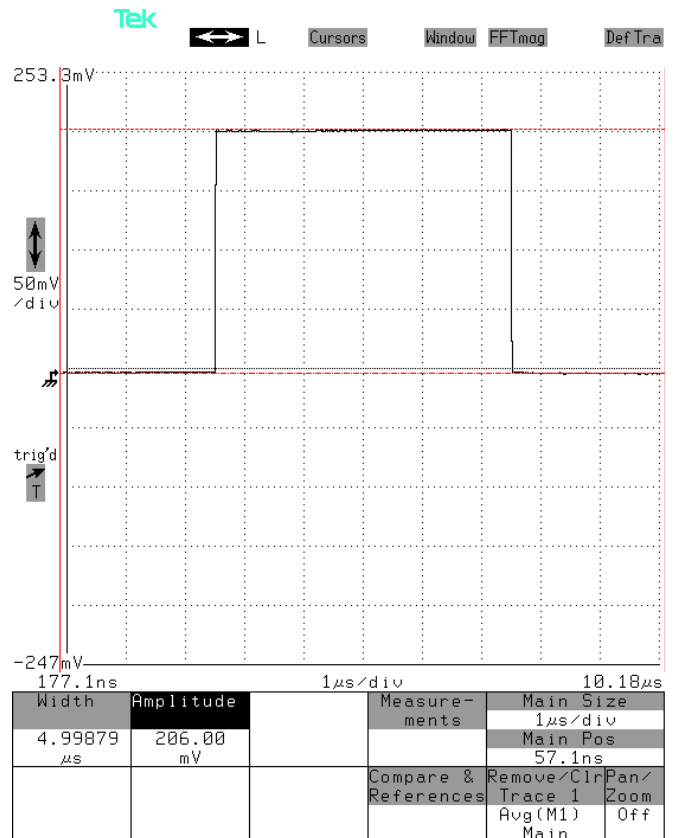
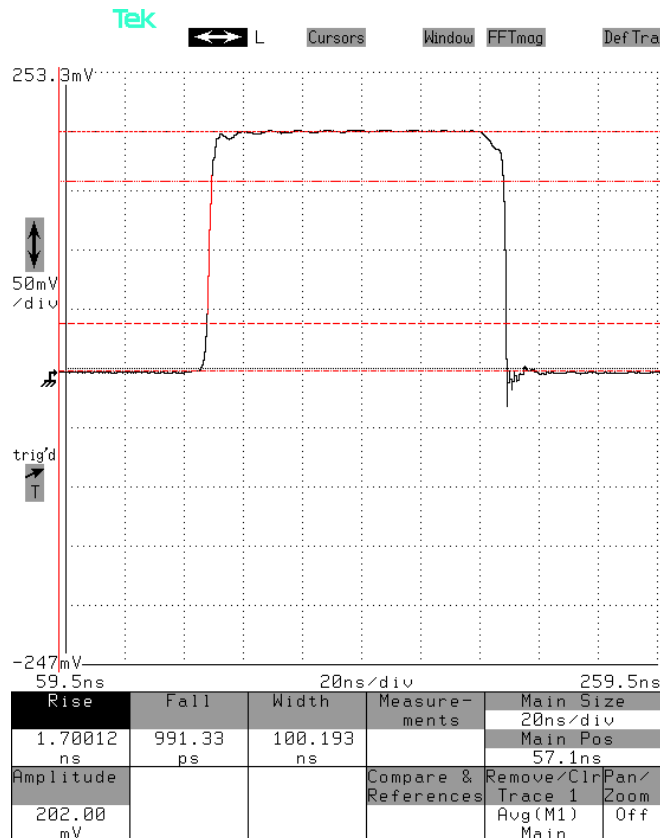
Test Waveforms

10 kHz, 100 ns, > +200V

1 kHz, 5 us, > +200V, full pulse

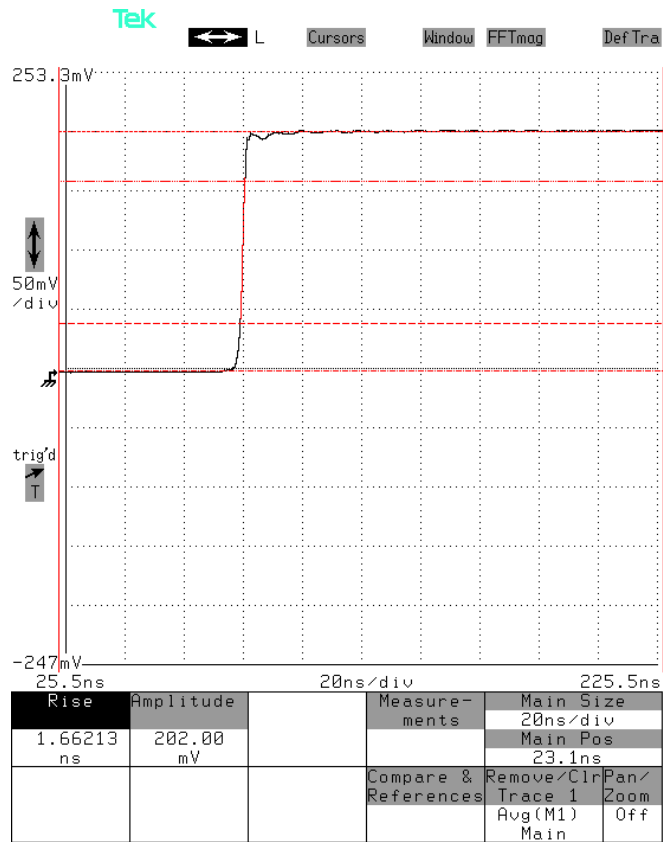
20 ns/div. 50 V/div (50 mV/div × 60 dB):

1 us/div. 50 V/div (50 mV/div × 60 dB):



1 kHz, 5 us, > +200V, rising edge,

20 ns/div. 50 V/div (50 mV/div × 60 dB):



1 kHz, 5 us, > +200V, falling edge,

20 ns/div. 50 V/div (50 mV/div × 60 dB):

