



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: AVIR-4D-B-P-M-OS-R5
Type: Ultra-High-Speed Pulse Generator
S.N.: 12815
Date: June 13, 2012

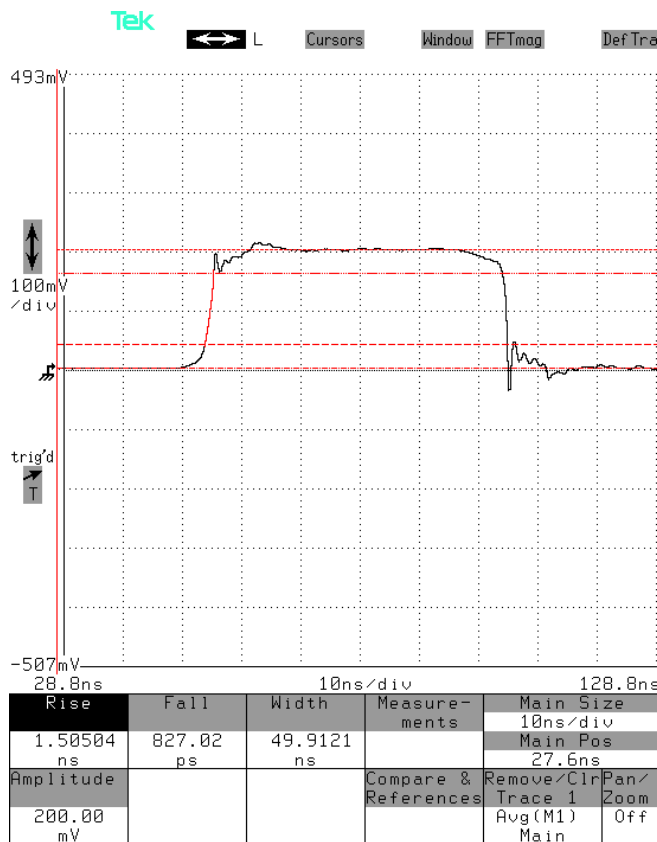
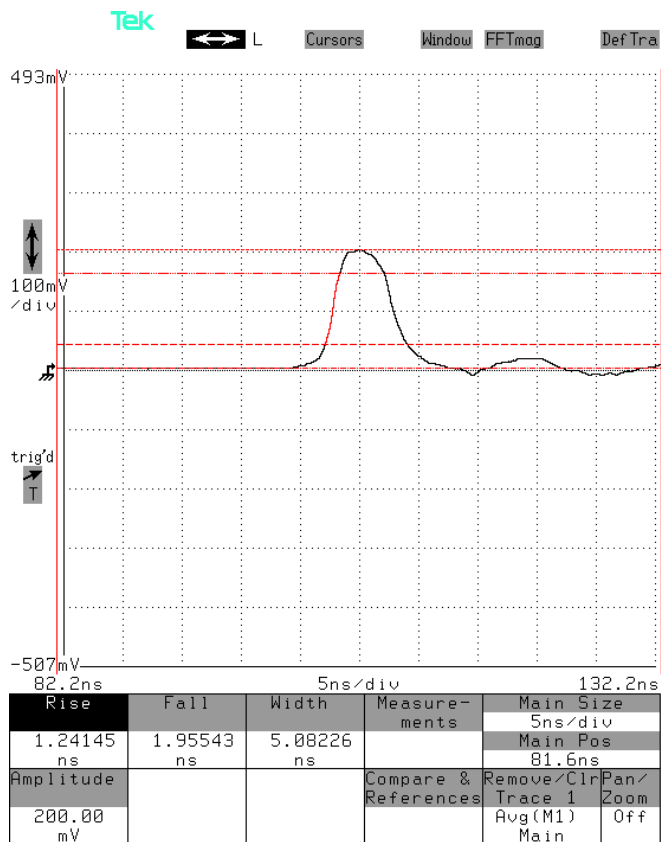
Output Amplitude: to +200V, to 50Ω
Pulse Width (FWHM): 4 ns – 1 us
Rise Time (20%-80%): ≤ 2 ns
Fall Time (80%-20%): ≤ 2 ns
PRF: 1 Hz - 20 kHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

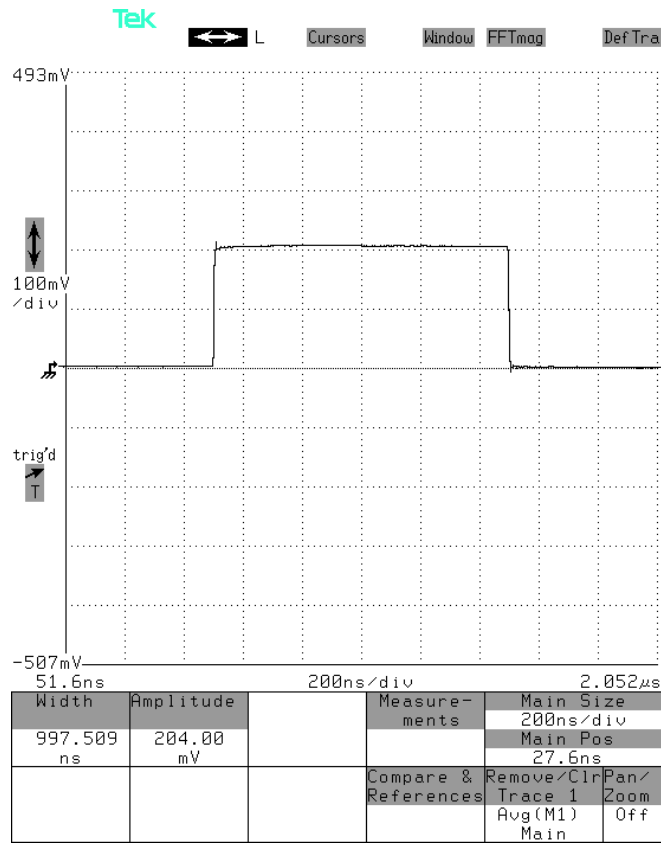
Test Waveforms

Full pulse at 10 kHz, 5 ns, +200V,
5 ns/div. 100 V/div (100 mV × 60 dB):

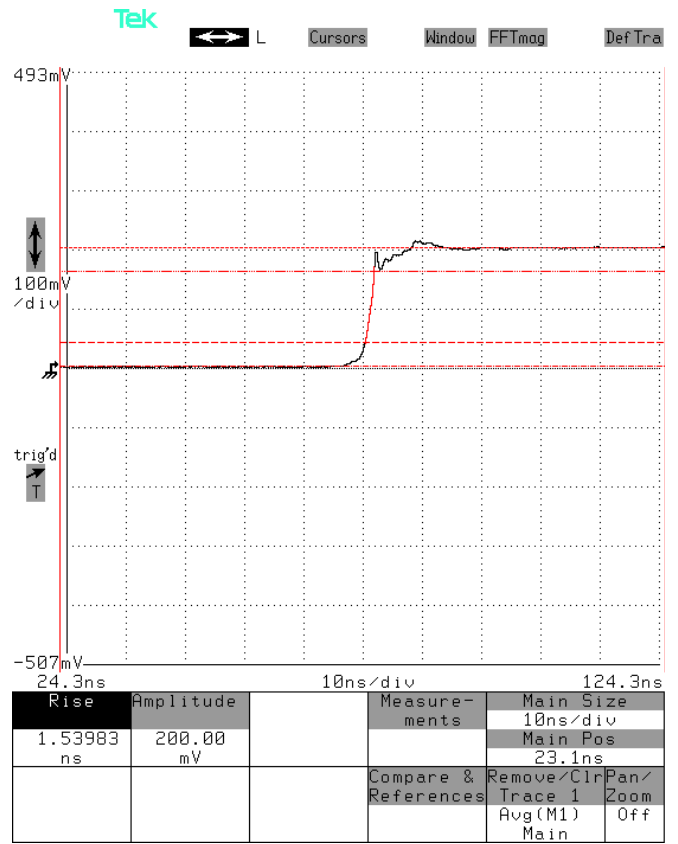
Full pulse at 10 kHz, 50 ns, +200V,
10 ns/div. 100 V/div (100 mV × 60 dB):



Full pulse at 2 kHz, 1 us, +200V,
 200 ns/div. 100 V/div (100 mV × 60 dB):



Rising edge at 2 kHz, 1 us, +200V,
 10 ns/div. 100 V/div (100 mV × 60 dB):



Falling edge at 2 kHz, 1 us, +200V,

10 ns/div. 100 V/div (100 mV × 60 dB):

