



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 +1-613-226-5772 (Intl)
FAX: 800-561-1970 (USA & Canada) or +1-613-226-2802 (Intl)

BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H4

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

PERFORMANCE CHECKSHEET

Model: AVR-E3-B-N-M1-R5
Type: Ultra-High-Speed Pulse Generator
S.N.: 11755
Date: June 20, 2007

Output Amplitude: 0 to -100V, to 50Ω
Pulse Width (FWHM): 20 – 500 ns
Rise Time (20%-80%): ≤ 500 ps
Fall Time (80%-20%): ≤ 1 ns
PRF: 1 Hz – 50 kHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

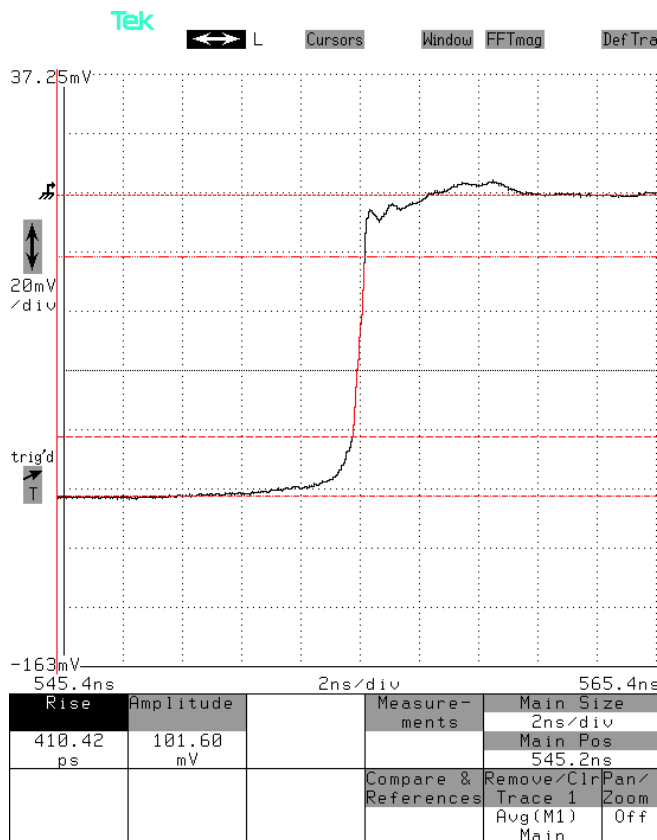
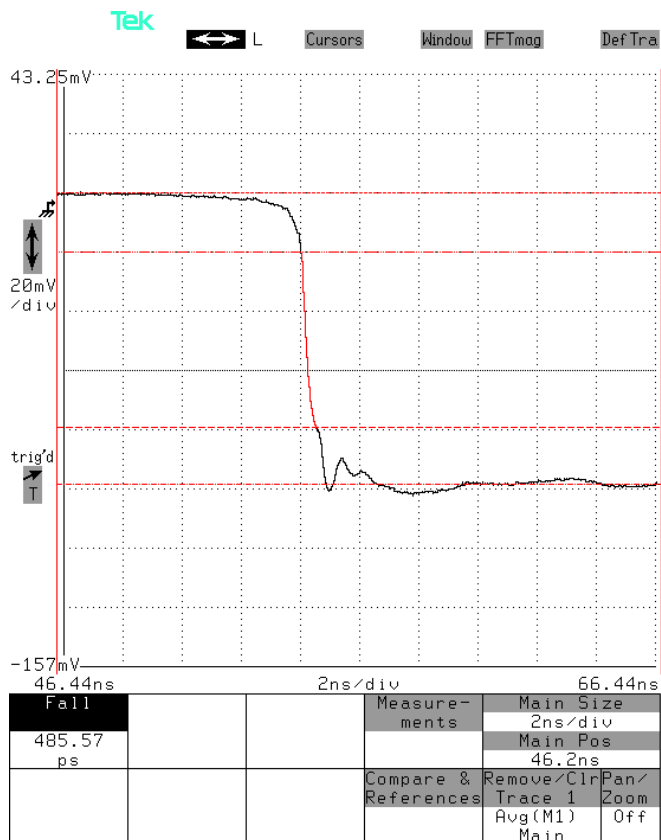
Test Waveforms

Leading edge at 10 kHz, 20 ns, -100V,

2 ns/div. 20 V/div (20 mV × 60 dB):

Trailing edge at 10 kHz, 500 ns, -100V,

2 ns/div. 20 V/div (20 mV × 60 dB):



Full pulse at 10 kHz, 500 ns, -100V,

100 ns/div. 20 V/div (20 mV × 60 dB):

