

AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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PERFORMANCE CHECKSHEET

Model: AVMR-1A-B-P
Type: Ultra-High-Speed Pulse Generator
S.N.: 12619
Date: April 15, 2011

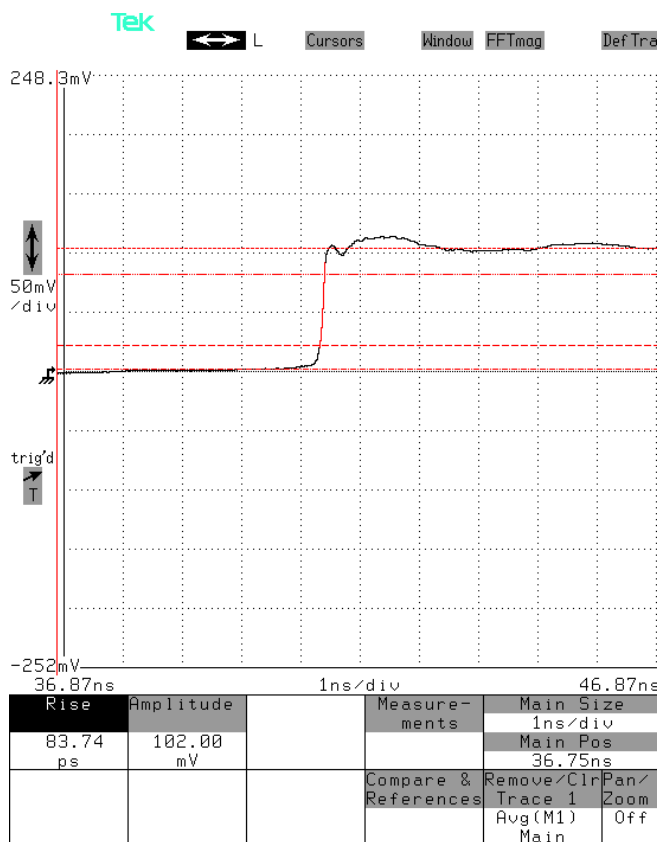
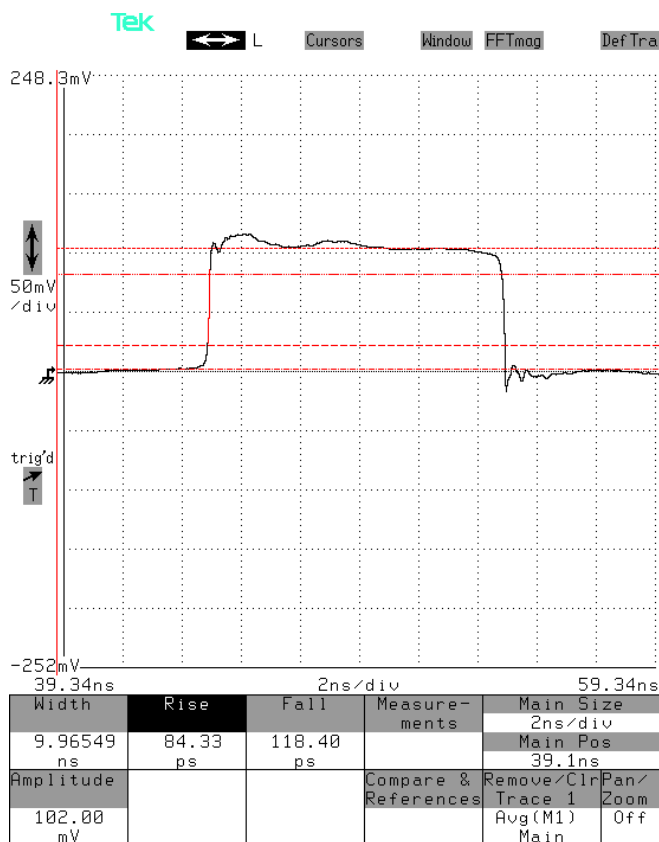
Output Amplitude: 0 to +10V, to 50Ω
Pulse Width (FWHM): 10 – 200 ns
Rise Time (20%-80%): < 150 ps
Fall Time (80%-20%): < 150 ps
PRF: 1 Hz - 10 MHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

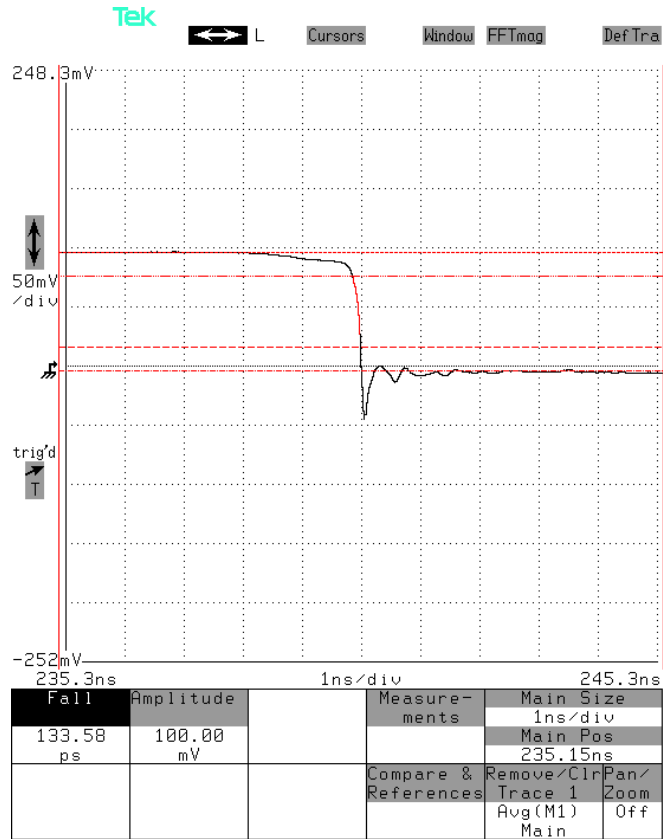
Test Waveforms

Full pulse at 100 kHz, 10 ns PW, +10V,
2 ns/div. 5 V/div (50 mV × 40 dB):

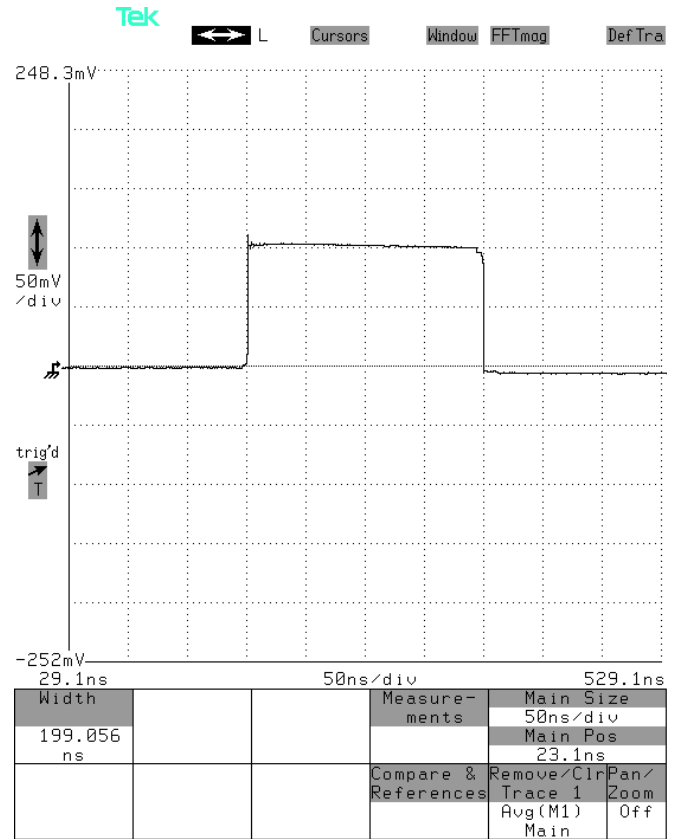
Leading edge at 100 kHz, 200 ns PW, +10V,
1 ns/div. 5 V/div (50 mV × 40 dB):



Trailing edge at 100 kHz, 200 ns PW, +10V,
1 ns/div. 5 V/div (50 mV × 40 dB):



Full pulse at 100 kHz, 200 ns PW, +10V,
50 ns/div. 5 V/div (50 mV × 40 dB):



Full pulse at 10 MHz, 10 ns PW, +10V,
 20 ns/div. 5 V/div (50 mV × 40 dB):

