



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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☒ BOX 5120, LCD MERIVALE
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CANADA K2C 3H4

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PERFORMANCE CHECKSHEET

Model: AVRF-2-B-P-AC02
Type: Ultra-High-Speed Pulse Generator
S.N.: 13563
Date: May 10, 2017

Output Amplitude: up to $\pm 200V$, to 50 Ω
Pulse Width (FWHM): 100 ns – 100 us
Rise Time (20%-80%): ≤ 2.7 ns
Fall Time (80%-20%): ≤ 2.7 ns
PRF: 1 Hz - 10 kHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz

Basic specifications: →

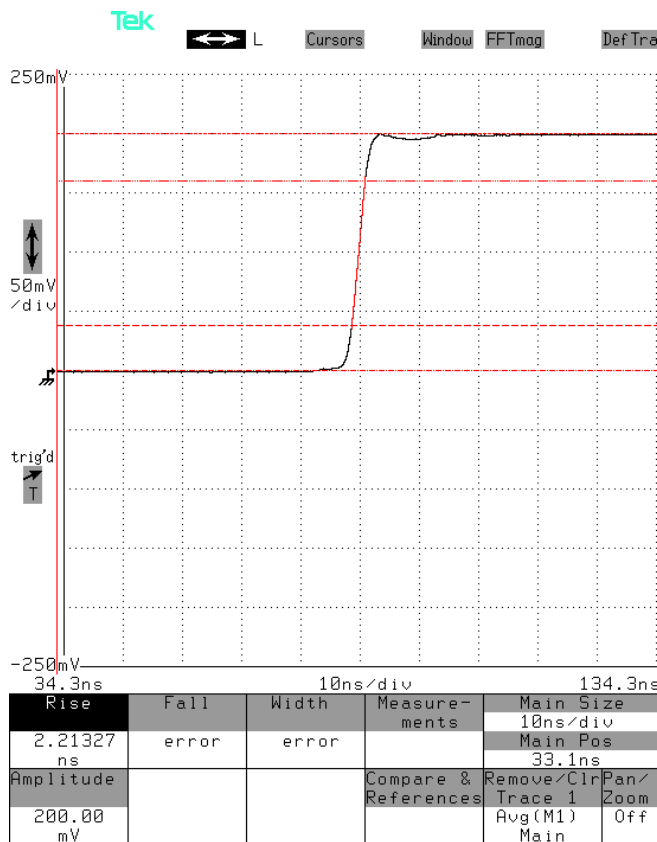
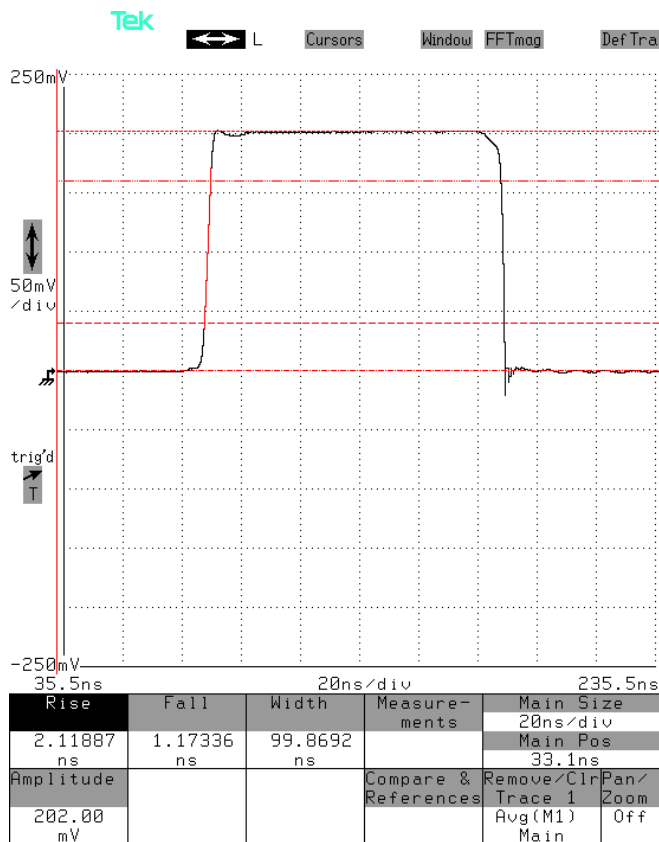
Test Waveforms

10 kHz, 100 ns, +200V,

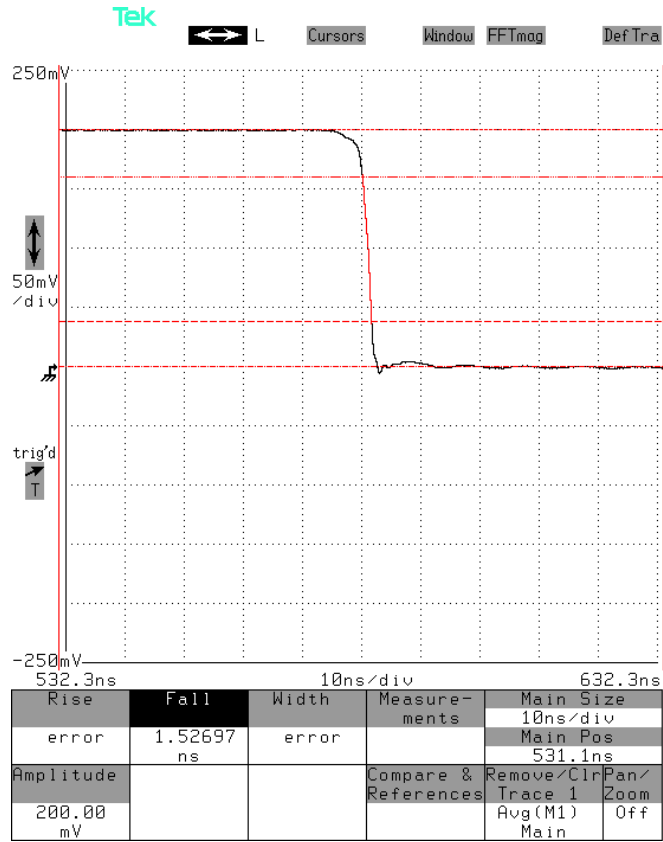
20 ns/div. 50 V/div (50 mV/div \times 60 dB):

10 kHz, 500 ns, +200V, rising edge,

10 ns/div. 50 V/div (50 mV/div \times 60 dB):



10 kHz, 500 ns, +200V, falling edge,
 10 ns/div. 50 V/div (50 mV/div × 60 dB):



50 Hz, 100 us, +200V,
 20 us/div. 50 V/div:

