



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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☒ BOX 5120, LCD MERIVALE
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PERFORMANCE CHECKSHEET

Model: AVP-AV-2-C-P-AC02
Type: Ultra-High-Speed Pulse Generator
S.N.: 12395
Date: March 3, 2009

Output Amplitude: 0 to +10V, to 50Ω
Pulse Width (FWHM): 2 to 50 ns
Rise Time (20%-80%): ≤ 100 ps
Fall Time (80%-20%): ≤ 200 ps
PRF: 1 Hz - 50 kHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

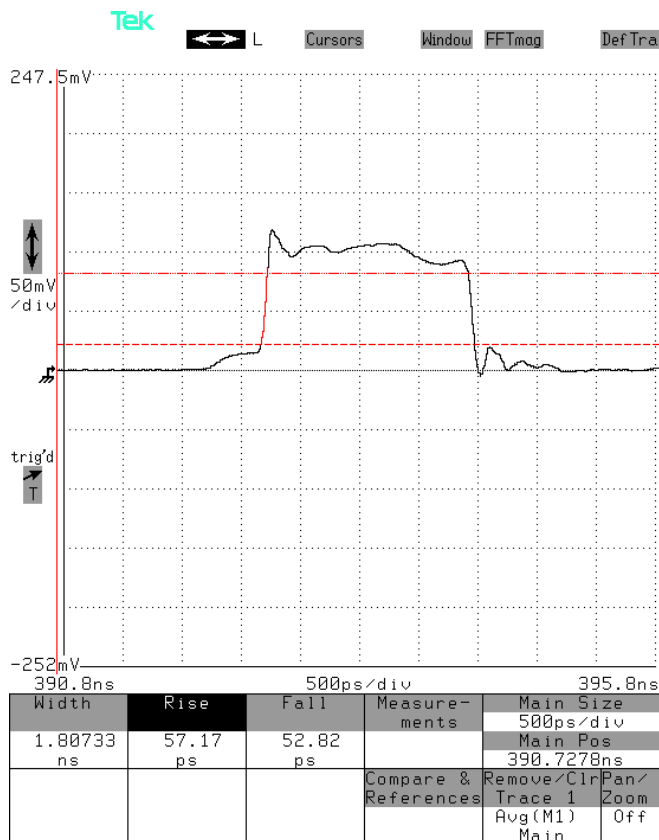
Test Waveforms

50 kHz, < 2 ns width, > +10V,

50 kHz, > 50 ns width, > +10V, full pulse,

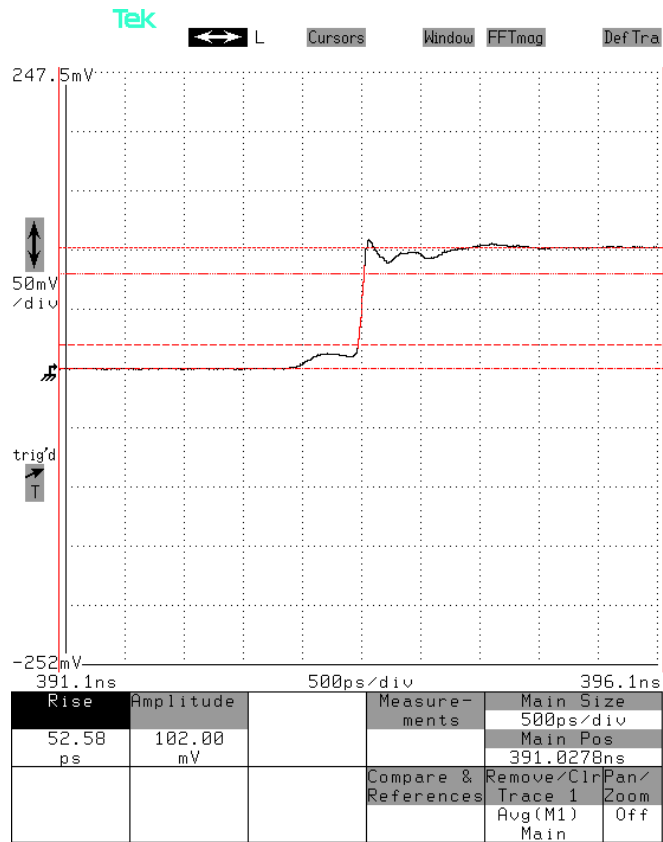
500 ps/div. 5 V/div (50 mV × 40 dB):

10 ns/div. 5 V/div (50 mV × 40 dB):



50 kHz, > 50 ns width, > +10V, rising edge,

500 ps/div. 5 V/div (50 mV × 40 dB):



50 kHz, > 50 ns width, > +10V, falling edge,

2 ns/div. 5 V/div (50 mV × 40 dB):

