



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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BOX 5120, LCD MERIVALE
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PERFORMANCE CHECKSHEET

Model: AVP-3SA-C-P
Type: Ultra-High-Speed Pulse Generator
S.N.: 12454
Date: June 16, 2010

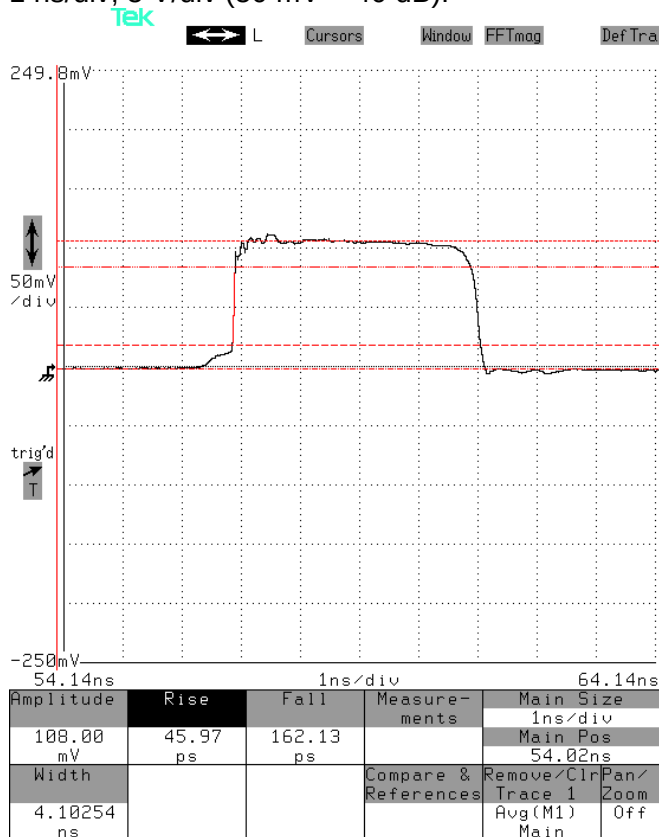
Output Amplitude: 0 to +10V, to 50Ω
Pulse Width (FWHM): 0.2 – 4 ns
Rise Time (20%-80%): ≤ 50 ps
Fall Time (80%-20%): ≤ 250 ps
PRF: 100 Hz - 1 MHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

Test Waveforms

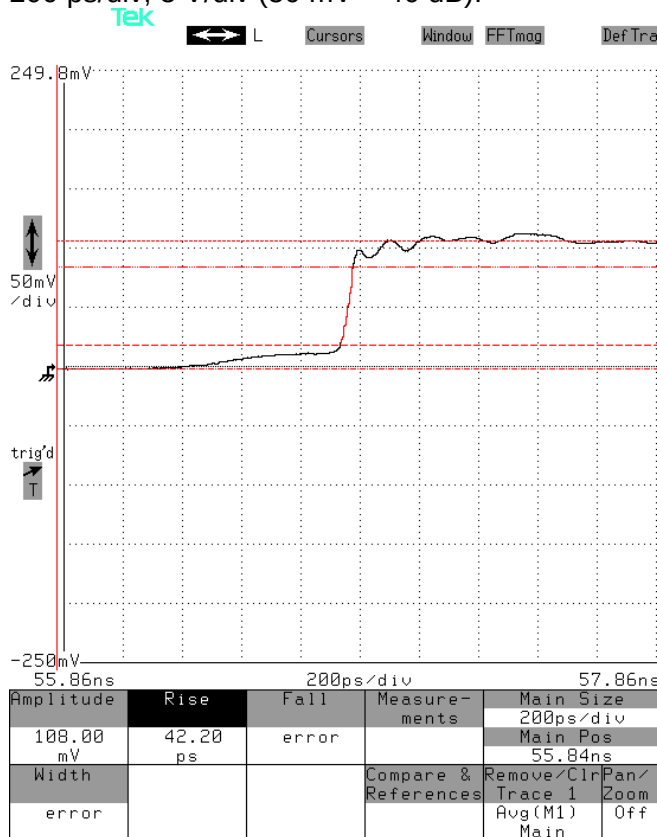
4 ns, > +10V, 1 MHz,

1 ns/div, 5 V/div (50 mV × 40 dB):



same conditions, zoomed to show rise time,

200 ps/div, 5 V/div (50 mV × 40 dB):



< 0.2 ns, > +10V, 1 MHz,

200 ps/div, 5 V/div (50 mV × 40 dB):

