



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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PERFORMANCE CHECKSHEET

Model: AVO-9F2-C-N-P6
Type: Ultra-High-Speed Pulse Generator
S.N.: 13028
Date: June 26, 2013

Output Amplitude: up to -340 mA, to 50Ω
Pulse Width (FWHM): 0.4 to 1 ns
Rise Time (20%-80%): ≤ 200 ps
Fall Time (80%-20%): ≤ 200 ps
PRF: 25-100 MHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

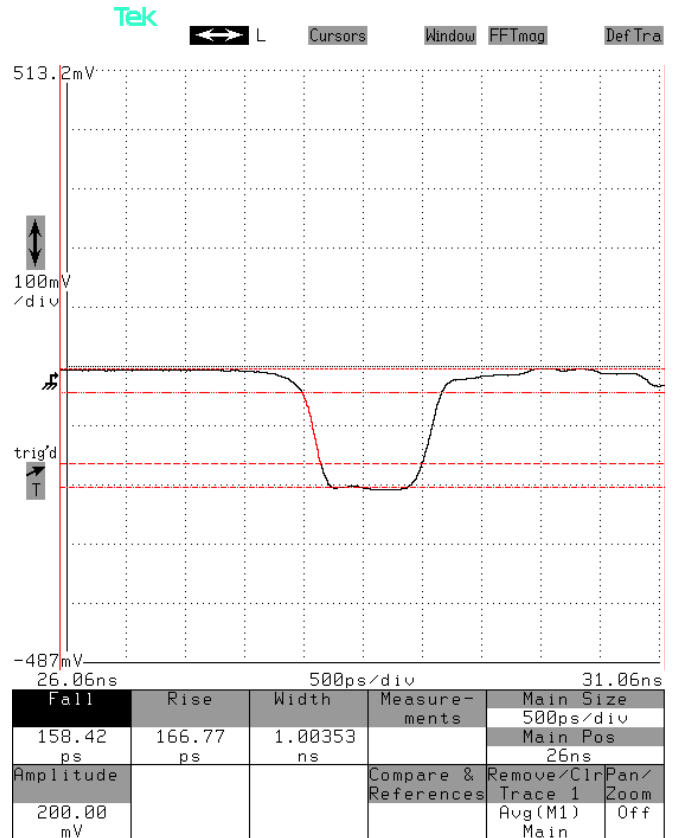
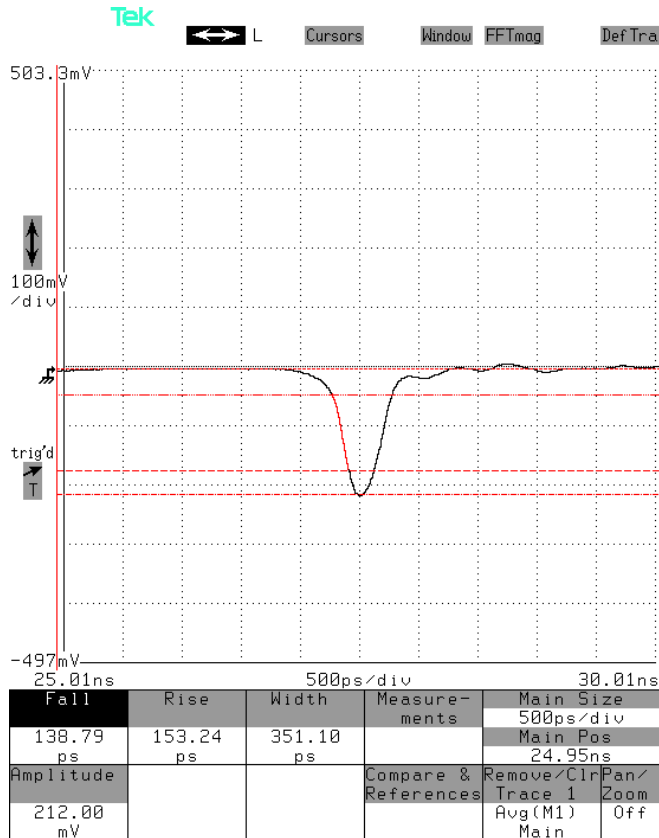
Test Waveforms

25 MHz, > -20V, < 400 ps, into 50 Ohms.

25 MHz, > -20V, > 1 ns, into 50 Ohms.

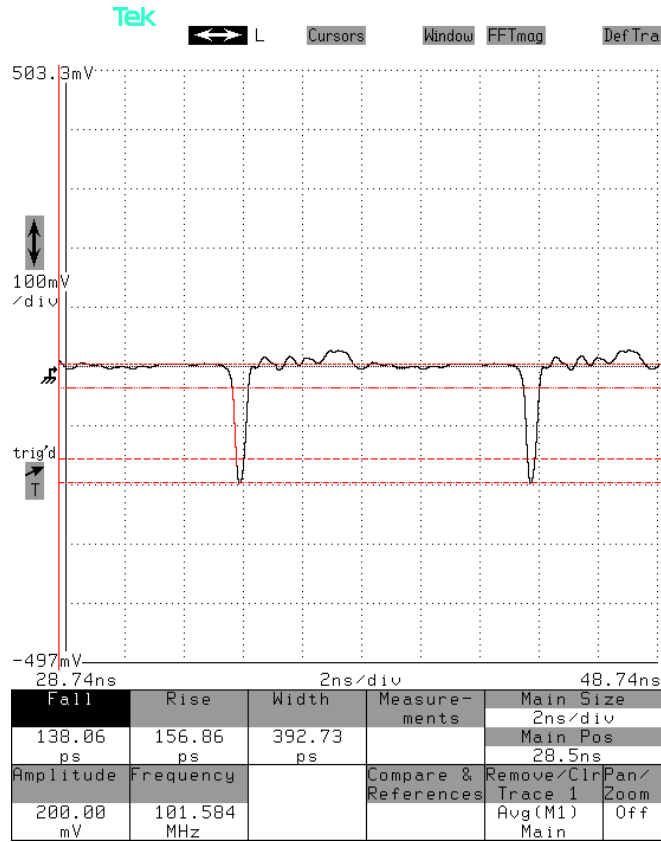
500 ps/div. 10 V/div (100 mV/div × 40 dB):

500 ps/div. 10 V/div (100 mV/div × 40 dB):



100 MHz, > -20V, < 400 ps, into 50 Ohms.

2 ns/div. 10 V/div (100 mV/div × 40 dB):



100 MHz, > -20V, > 1 ns, into 50 Ohms.

2 ns/div. 10 V/div (100 mV/div × 40 dB):

