



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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PERFORMANCE CHECKSHEET

Model: AVMM-1-C-AC17-P-PN-AK1-EA-TR-D-M
Type: Ultra-High-Speed Pulse Generator
S.N.: 12611
Date: October 6, 2011

Output Amplitude: up to 2V, to 50Ω
Pulse Width (FWHM): 1 – 10 ns
Rise Time (20%-80%): 0.3 - 2 ns
Fall Time (80%-20%): 0.6 - 2 ns
PRF: 25 MHz maximum
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

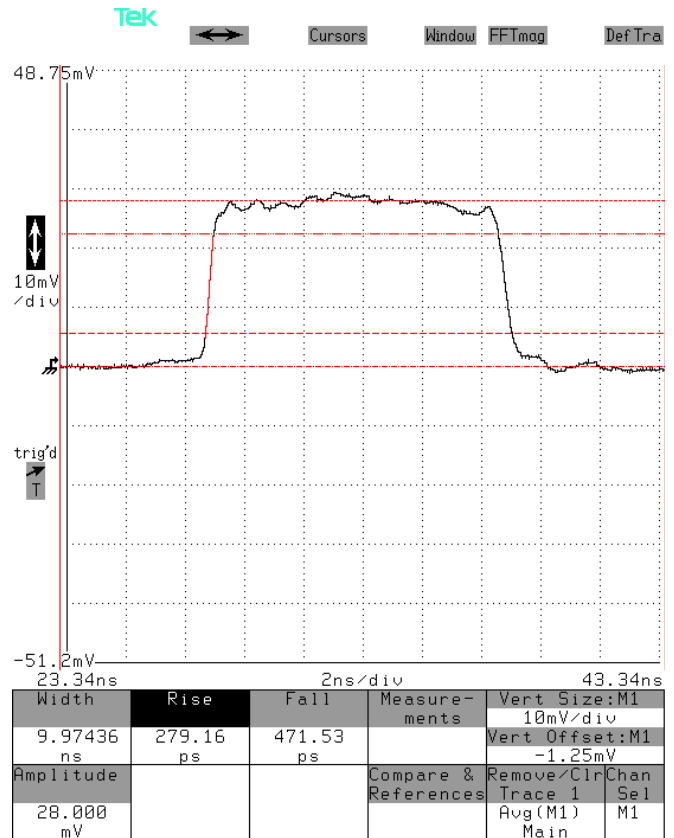
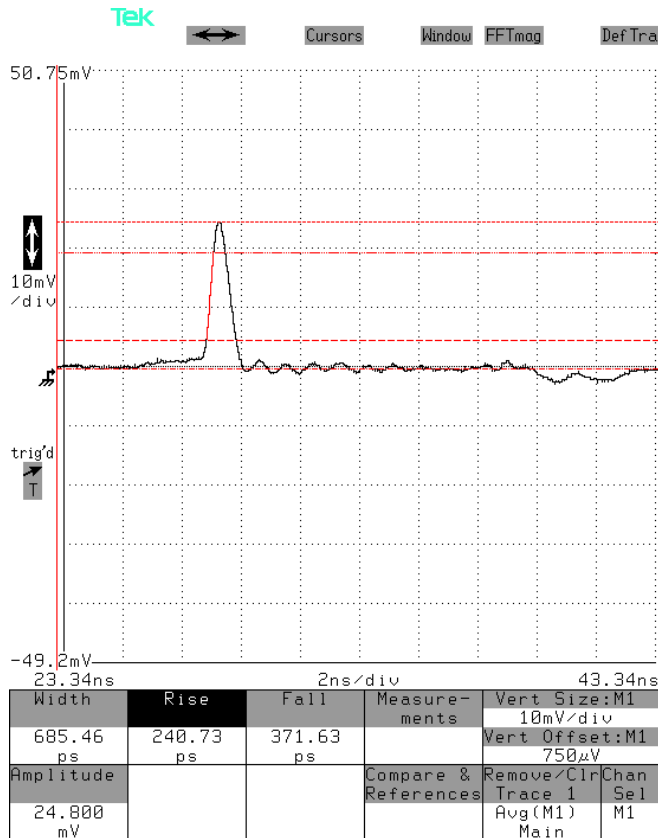
Test Waveforms

12 MHz, < 1 ns PW, > maximum amplitude,
minimum rise and fall times:

12 MHz, ~ 10 ns PW, > maximum amplitude,
minimum rise and fall times:

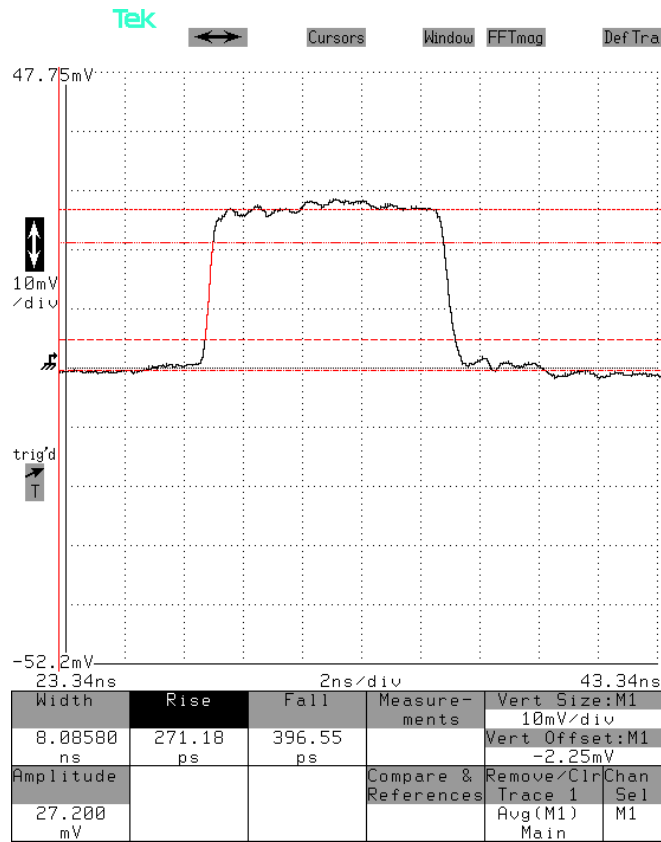
2 ns/div. 1 V/div (10 mV/div × 40 dB):

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12 MHz, 8 ns PW, > maximum amplitude,
minimum rise and fall times, using the TR switch:

2 ns/div. 1 V/div (10 mV/div × 40 dB):



12 MHz, 8 ns PW, > maximum amplitude, with
longer rise and fall times:

2 ns/div. 1 V/div (10 mV/div × 40 dB):

