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PERFORMANCE CHECKSHEET

Model: AVMR-1-C-M-OT-TRF-N-PN
Type: Ultra-High-Speed Pulse Generator
S.N.: 11552
Date: September 12, 2006

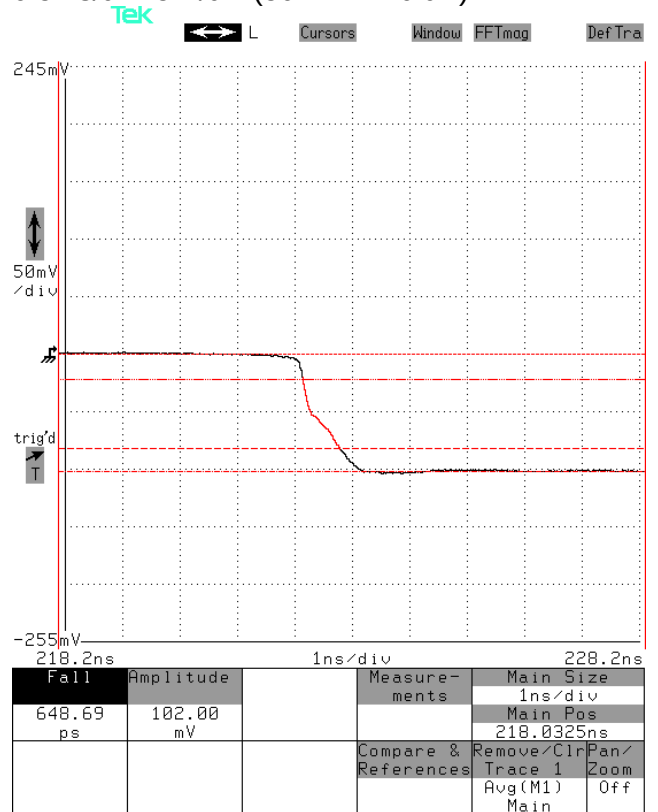
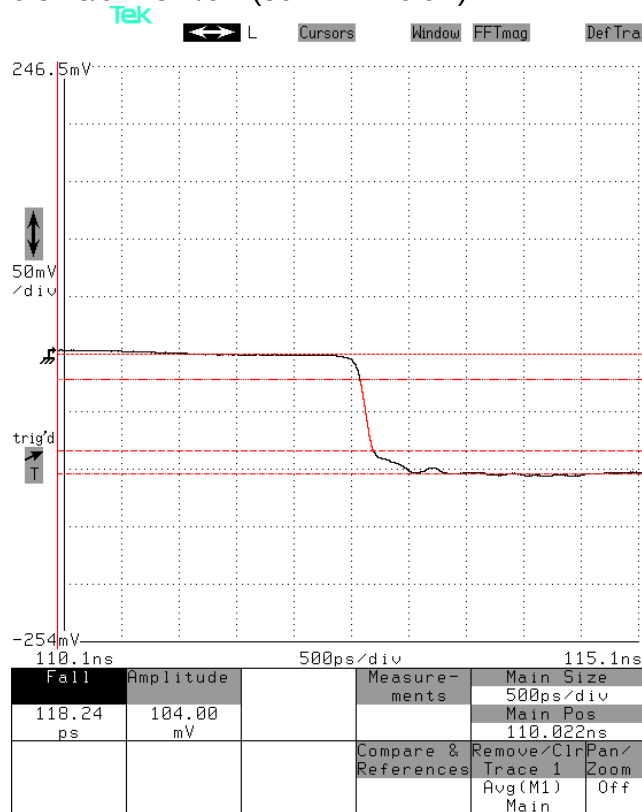
Output Amplitude: 0 to -10V, to 50Ω
Pulse Width (FWHM): 10 – 200 ns
Rise Time (20%-80%): ≤ 150 ps / 1 ns
Fall Time (80%-20%): ≤ 150 ps / 1 ns
PRF: 1 Hz - 10 MHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

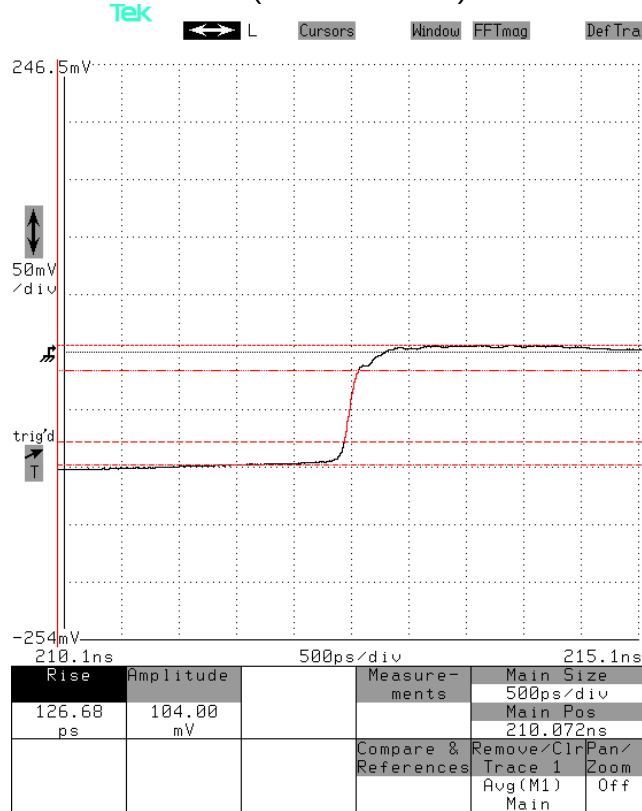
Test Waveforms

Leading edge at 1 MHz, 100 ns PW, -10V,
150 ps rise / fall modes,
0.5 ns/div. 5 V/div (50 mV × 40 dB):

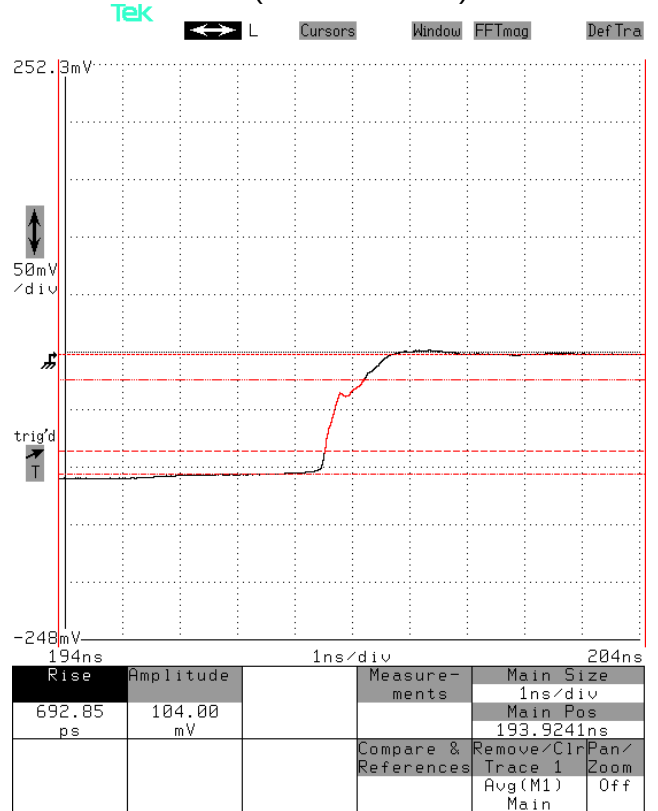
Leading edge at 1 MHz, 100 ns PW, -10V,
1 ns rise / fall modes,
0.5 ns/div. 5 V/div (50 mV × 40 dB):



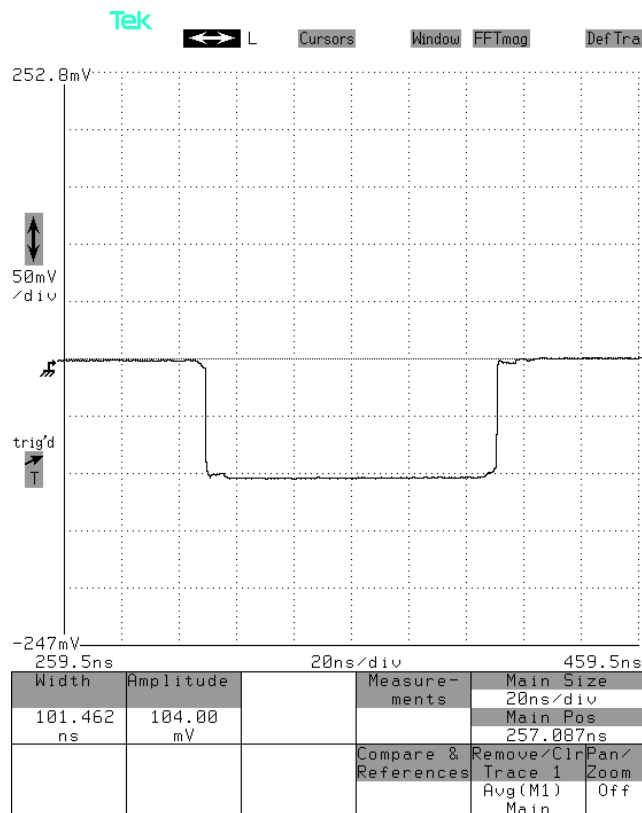
Trailing edge at 1 MHz, 100 ns PW, -10V,
150 ps rise / fall modes,
0.5 ns/div. 5 V/div (50 mV × 40 dB):



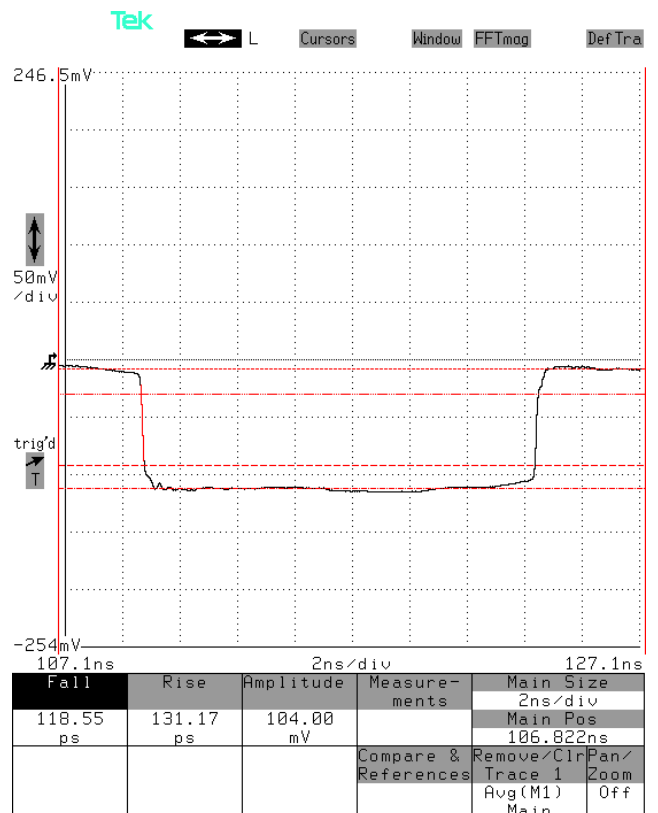
Trailing edge at 1 MHz, 100 ns PW, -10V,
1 ns rise / fall modes,
0.5 ns/div. 5 V/div (50 mV × 40 dB):



Full pulse at 1 MHz, 100 ns PW, -10V,
150 ps rise / fall modes,
20 ns/div. 5 V/div (50 mV × 40 dB):



Full pulse at 1 MHz, 14 ns PW, -10V,
100 ps rise / fall modes,
2 ns/div. 5 V/div (50 mV × 40 dB):



Full pulse at 10 MHz, 10 ns PW, -10V,
 100 ps rise / fall modes,
 20 ns/div. 5 V/div (50 mV × 40 dB):

