PERFORMANCE CHECKSHEET

Model: AVMP-4-C-N-M
Type: Ultra-High-Speed Pulse Generator
S.N.: 12049
Date: September 9, 2008

Basic specifications:

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

Test Waveforms

Leading edge at 100 kHz, 100 ns, > -10V,
1 ns/div. 5 V/div (50 mV × 40 dB):

Trailing edge at 100 kHz, 100 ns, > -10V,
1 ns/div. 5 V/div (50 mV × 40 dB):
10 kHz (externally triggered), 10 us, -10V, 2 us/div. 5 V/div (50 mV × 40 dB):

Full pulse at 1 MHz, 10 ns, > -10V, 2 ns/div. 5 V/div (50 mV × 40 dB):