PERFORMANCE CHECKSHEET

Model: AVMP-4-B-AK1-PN-R5
Type: Ultra-High-Speed Pulse Generator
S.N.: 12093
Date: October 22, 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 10 kHz, 100 ns, +10V,
1 ns/div. 5 V/div (50 mV × 40 dB):

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

/fileserver/production/check-sheets/sn12093,AVMP-4-B-AK1-PN-R5.odt
Full pulse at 5 kHz, 10 us, -10V,
2 us/div. 5 V/div (50 mV × 40 dB):

Leading edge at 5 kHz, 10 us, -10V,
1 ns/div. 5 V/div (50 mV × 40 dB):
Trailing edge at 10 kHz, 500 ns, -10V, 1 ns/div. 5 V/div (50 mV × 40 dB):

Trailing edge at 5 kHz, 1 us, +10V, 1 ns/div. 5 V/div (50 mV × 40 dB):