PERFORMANCE CHECKSHEET

Model: AVMP-4-B-PN-AC02
Type: Ultra-High-Speed Pulse Generator
S.N.: 13353
Date: December 8, 2015

Basic specifications:

Output Amplitude: up to ±10V, to 50Ω
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

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

Full pulse at 100 kHz, 25 ns, +10V,
5 ns/div. 5 V/div (50 mV/div × 40 dB):
Rising edge at 100 kHz, 200 ns, +10V, 2 ns/div. 5 V/div (50 mV/div × 40 dB):

Falling edge at 100 kHz, 200 ns, +10V, 2 ns/div. 5 V/div (50 mV/div × 40 dB):
Full pulse at 100 kHz, 1 μs, -10 V,
200 ns/div. 5 V/div (50 mV/div × 40 dB):

Full pulse at 2 kHz, 10 μs, +10 V,
2 μs/div. 5 V/div (50 mV/div × 40 dB):