PERFORMANCE CHECKSHEET

Model: AVPP-1-B-P-EA-E0-M-AC22
Type: Ultra-High-Speed Pulse Generator
S.N.: 12987
Date: April 5, 2013

Output Amplitude: up to +10V, to 50Ω
Pulse Width (FWHM): 0.4 – 100 ns
Rise Time (20%-80%): ≤ 100 ps or 150 ps
Fall Time (80%-20%): ≤ 120 ps or 420 ps
PRF: 1 Hz - 1 MHz
Prime Power: 100-240V AC, 50-60 Hz.

Test Waveforms

Leading edge at 100 kHz, 100 ns, +10V,
500 ps/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):
Full pulse at 100 kHz, 100 ns, +10V, 20 ns/div. 5 V/div (50 mV × 40 dB):

Full pulse at 100 kHz, 5 ns, +10V, 1 ns/div. 5 V/div (50 mV × 40 dB):
Full pulse at 100 kHz, 0.4 ns, +10V, 1 ns/div. 5 V/div (50 mV × 40 dB):