PERFORMANCE CHECKSHEET

Model: AVPP-1-B-P
Type: Ultra-High-Speed Pulse Generator
S.N.: 13512
Date: October 13, 2016

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

Test Waveforms

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

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

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Trailing edge at 100 kHz, 100 ns, +10V, 1 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, < 400 ps, +10V,

1 ns/div. 5 V/div (50 mV × 40 dB):