PERFORMANCE CHECKSHEET

Model: AVP-AV-HV3-B-W4-PN
Type: Ultra-High-Speed Pulse Generator
S.N.: 13545
Date: February 2, 2017

Basic specifications: →

Output Amplitude: up to ±40V, to 50Ω
Pulse Width (FWHM): 0.3 – 4 ns
Rise Time (20%-80%): ≤ 150 ps
Fall Time (80%-20%): ≤ 600 ps
PRF: 1 Hz - 1 MHz
Jitter, Stability: OK
Prime Power: 100-240 V, 50-60 Hz

Test Waveforms

500 ps pulse width at 100 kHz, +40V out,
1 ns/div. 10 V/div (100 mV/div × 40 dB):

2 ns pulse width at 100 kHz, -40V out,
1 ns/div. 10 V/div (100 mV/div × 40 dB):
4 ns pulse width at 100 kHz, +40V out,
1 ns/div. 10 V/div (100 mV/div × 40 dB):