PERFORMANCE CHECKSHEET

Model: AVP-AV-HV3-B-P  
Type: Ultra-High-Speed Pulse Generator  
S.N.: 13838  
Date: February 12, 2019

Output Amplitude: up to +40V, to 50Ω  
Pulse Width (FWHM): 0.4 – 2 ns  
Rise Time (20%-80%): ≤ 150 ps  
Fall Time (80%-20%): ≤ 300 ps  
PRF: 1 Hz - 1 MHz  
Jitter, Stability: OK  
Prime Power: 100-240 V, 50-60 Hz

Test Waveforms

< 400 ps pulse width at 100 kHz, +40V out,  
500 ps/div. 20 V/div (200 mV/div × 40 dB):

> 2 ns pulse width at 100 kHz, > +40V out,  
500 ps/div. 20 V/div (200 mV/div × 40 dB):