



info@avtechpulse.com  
http://www.avtechpulse.com/

Tel: 888-670-8729 (USA & Canada)  
or +1-613-686-6675 (Worldwide)

BOX 5120, LCD MERIVALE  
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AVP-AV-HV3-B-PN-AK1-AK8  
Type: Ultra-High-Speed Pulse Generator  
S.N.: 14317  
Date: January 16, 2023

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

Basic specifications: →

Test Waveforms

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

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

