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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  $\pm 40V$ , to  $50\Omega$   
Pulse Width (FWHM): 0.4 – 2 ns  
Rise Time (20%-80%):  $\leq 150$  ps  
Fall Time (80%-20%):  $\leq 300$  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  $\times$  40 dB):

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

