



# AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS  
SINCE 1975

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BOX 5120, LCD MERIVALE  
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CANADA K2C 3H5

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## PERFORMANCE CHECKSHEET

Model: AVP-AV-HV2-B-2CHPP-AC02  
Type: Ultra-High-Speed Pulse Generator  
S.N.: 13454  
Date: May 31, 2016

Output Amplitude: up to +20V, to 50Ω  
Pulse Width (FWHM): 0.3 – 2 ns  
Rise Time (20%-80%): ≤ 100 ps  
Fall Time (80%-20%): ≤ 300 ps  
PRF: 1 Hz - 1 MHz  
Jitter, Stability: OK  
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

### Test Waveforms

100 kHz, CH1 PW = 2 ns, CH2 PW = 0.3 ns, both +20V, CH2 delay = 0,

100 kHz, both 2 ns / +20V, CH2 delay = +10 ns,

500 ps/div. 10 V/div (100 mV/div × 40 dB):

2 ns/div. 10 V/div (100 mV/div × 40 dB):

