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BOX 5120, LCD MERIVALE  
OTTAWA, ONTARIO  
CANADA K2C 3H4

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PERFORMANCE CHECKSHEET

Model: AVP-AV-HV3-C-AC03-DPP-M-MITA  
Type: Ultra-High-Speed Pulse Generator  
S.N.: 13336  
Date: October 2, 2015

Output Amplitude: Doublet to  $\approx 70\%$  of 40V  
Pulse Width (FWHM): 0.4 ns – 2 ns  
Rise Time (20%-80%):  $\leq 150$  ps  
Fall Time (80%-20%):  $\leq 600$  ps  
PRF: to 1 MHz  
Jitter, Stability: OK  
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

Test Waveforms

At 1 MHz, < 0.4 ns, maximum output, with both pulses set at the same delay (i.e., overlapping),

At 1 MHz, > 2 ns, maximum output, with a delay between the two pulses,

500 ps/div. 10 V/div (100 mV/div  $\times$  40 dB):

1 ns/div. 10 V/div (100 mV/div  $\times$  40 dB):

