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BOX 5120, LCD MERIVALE  
OTTAWA, ONTARIO  
CANADA K2C 3H5

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PERFORMANCE CHECKSHEET

Model: AVM-3-C-PWT-AT-M-P-HIKA  
Type: Ultra-High-Speed Pulse Generator  
S.N.: 13096  
Date: November 26, 2013

Output Amplitude: +4V to +20V  
Pulse Width (FWHM): 2 to 10 ns  
Rise Time (20%-80%): < 150 ps  
Fall Time (80%-20%): < 600 ps  
PRF: 1 kHz - 10 MHz  
Jitter, Stability: OK  
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

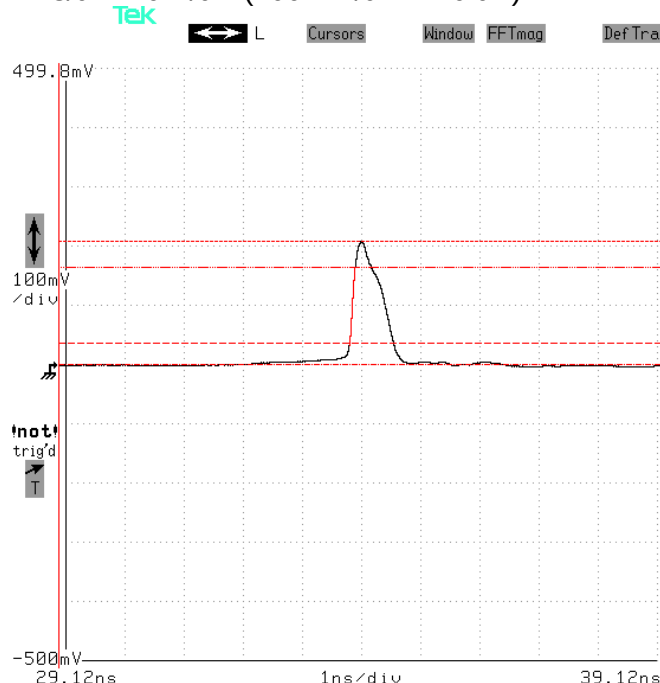
Test Waveforms

At 10 MHz, > 20V amplitude, < minimum PW.

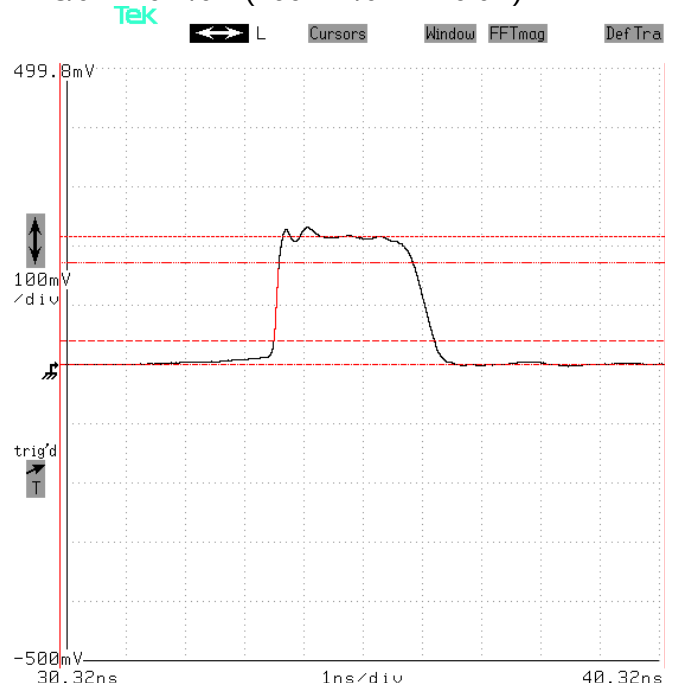
At 1 MHz, > 20V amplitude, 2.5 ns PW,

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

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



Rise	Fall	Width	Measurements	Main Size
93.25 ps	374.68 ps	545.54 ps		1ns/div Main Pos 29ns
Amplitude			Compare & References	Remove/Clear Trace 1 Pan/Zoom
208.00 mV				Avg(M1) Off



Rise	Fall	Width	Measurements	Main Size
89.57 ps	362.52 ps	2.48438 ns		1ns/div Main Pos 30.2ns
Amplitude			Compare & References	Remove/Clear Trace 1 Pan/Zoom
216.00 mV				Avg(M1) Off

At 10 MHz, 20V amplitude, > maximum PW.

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

