



# 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: AVM-3-P-M  
Type: Ultra-High-Speed Pulse Generator  
S.N.: 13250  
Date: January 9, 2015

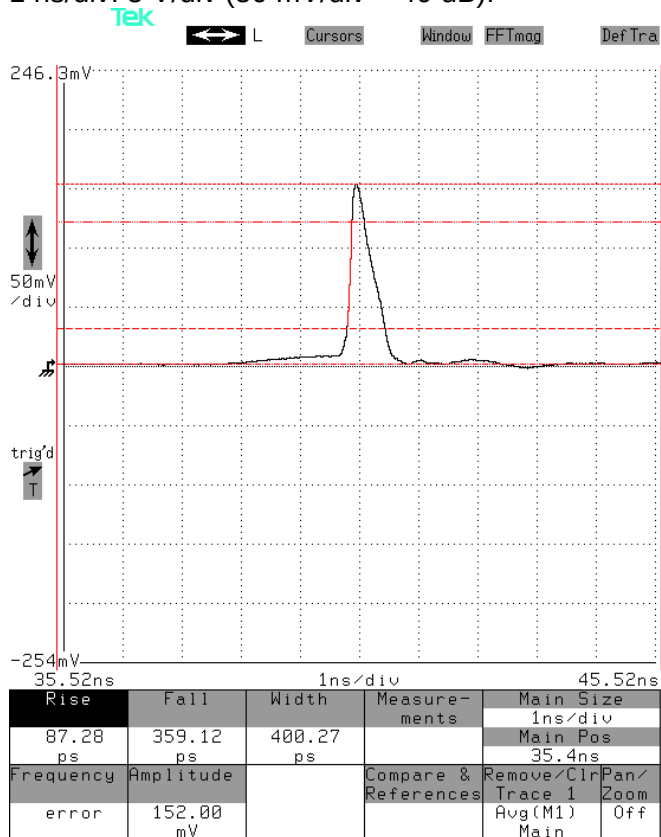
Output Amplitude: up to +15V  
Pulse Width (FWHM): 2 to 15 ns  
Rise Time (20%-80%): < 150 ps  
Fall Time (80%-20%): < 800 ps  
PRF: up to 25 MHz  
Jitter, Stability: OK  
Prime Power: +28V DC

Basic specifications: →

### Test Waveforms

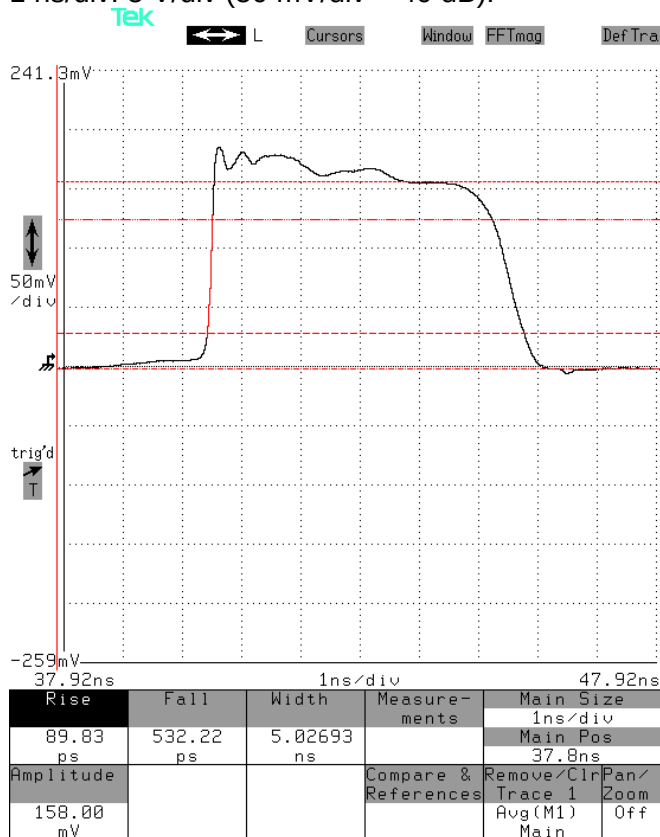
At 10 MHz, > 15V amplitude, < minimum PW.

1 ns/div. 5 V/div (50 mV/div × 40 dB):



At 1 MHz, > 15V amplitude, 5 ns PW,

1 ns/div. 5 V/div (50 mV/div × 40 dB):



At 10 MHz, >15V amplitude, > maximum PW.

2 ns/div. 5 V/div (50 mV/div × 40 dB):

