



# AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS  
SINCE 1975

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BOX 5120, LCD MERIVALE  
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CANADA K2C 3H4

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## PERFORMANCE CHECKSHEET

Model: AVI-MP-P-AK1-AK8  
Type: Ultra-High-Speed Pulse Generator  
S.N.: 13463  
Date: May 27, 2016

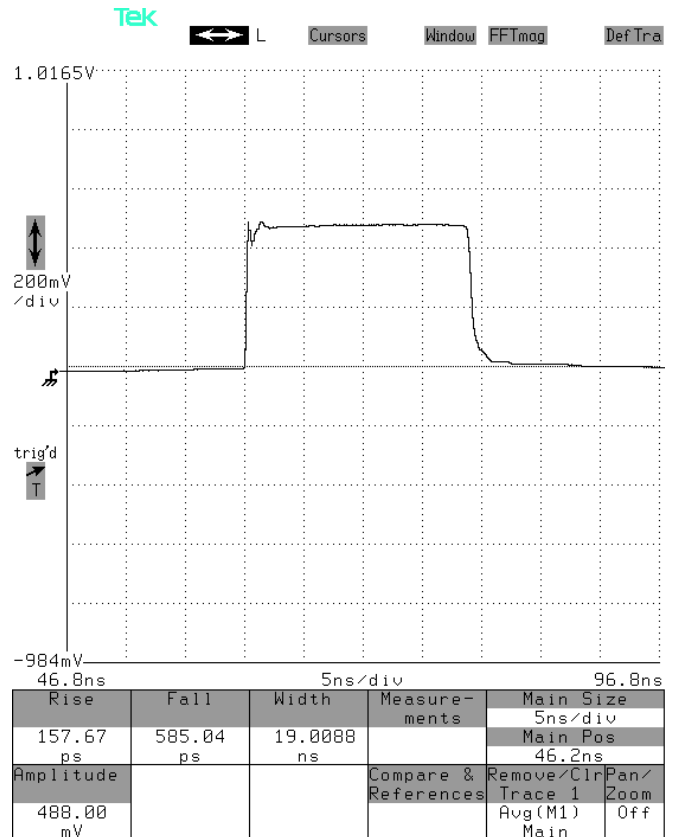
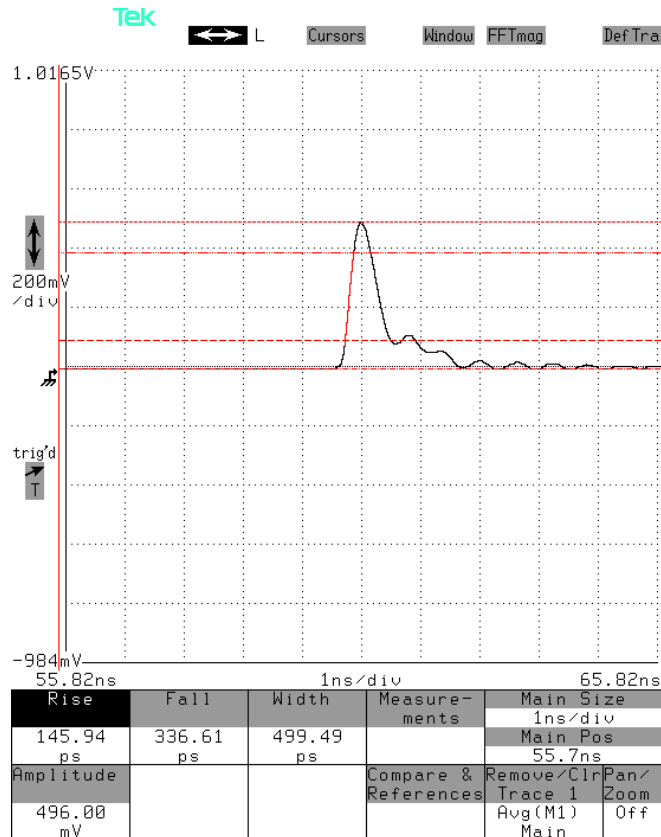
Output Amplitude: > 40V, to 50Ω  
Pulse Width (FWHM): 2 – 100 ns  
Rise Time (20%-80%): ≤ 350 ps  
Fall Time (80%-20%): varies  
PRF: 1 Hz - 1 MHz  
Jitter, Stability: OK  
Prime Power: +15V DC

Basic specifications: →

### Test Waveforms

Output at 10 kHz with no PW cable attached,  
1 ns/div, 20 V/div (200 mV/div × 40 dB):

With 6 feet of RG58C/U cable attached,  
5 ns/div, 20 V/div (200 mV/div × 40 dB):



With 16.5 feet of RG58C/U cable attached,  
 10 ns/div, 20 V/div (200 mV/div × 40 dB):

