



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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

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PERFORMANCE CHECKSHEET

Model: AVM-3-P
Type: Ultra-High-Speed Pulse Generator
S.N.: 13248
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: →

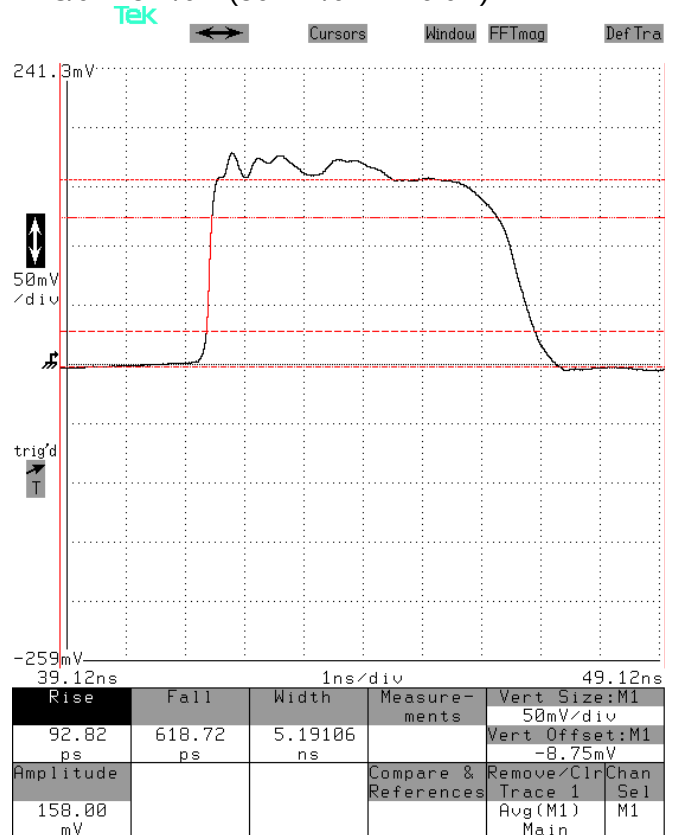
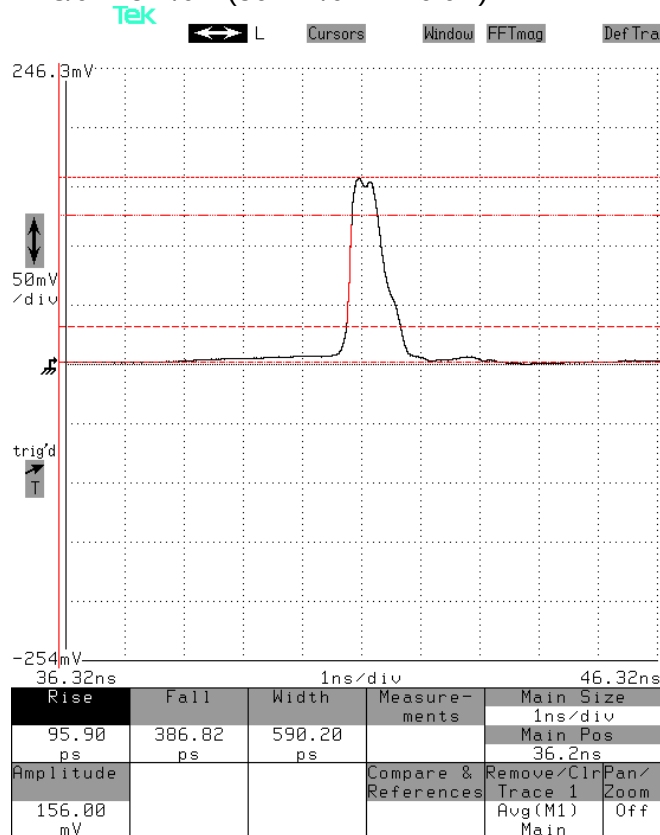
Test Waveforms

At 1 MHz, > 15V amplitude, < minimum PW.

At 12 MHz, > 15V amplitude, 5 ns PW,

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

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



At 1 MHz, >15V amplitude, > maximum PW.

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

