



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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

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PERFORMANCE CHECKSHEET

Model: AVM-2-C-P-PN-MPN
Type: Ultra-High-Speed Pulse Generator
S.N.: 12488
Date: August 25, 2010

Output Amplitude: 0 to ±15V
Pulse Width (FWHM): 0.25 to 2 ns
Rise Time (20%-80%): < 100 ps
Fall Time (80%-20%): < 250 ps
PRF: 3 kHz - 25 MHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

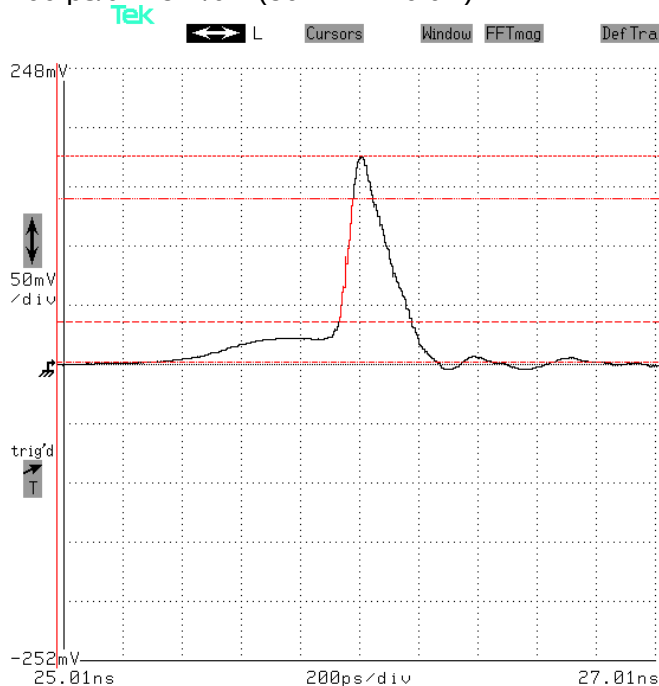
Test Waveforms

At 12 MHz, > 15V amplitude, < minimum pulse width.

At 12 MHz, > 15V amplitude, maximum pulse width.

200 ps/div. 5 V/div (50 mV × 40 dB):

500 ps/div. 5 V/div (50 mV × 40 dB):



Rise	Fall	Measurements	Main Size
48.73 ps	132.04 ps		200ps/div
Amplitude		Compare & References	Main Pos 24.99ns
174.00 mV		Remove/Cir Trace 1	Pan/Zoom Off



Rise	Fall	Width	Measurements	Vert Size:M1
56.38 ps	166.72 ps	1.98929 ns		50mV/div
Amplitude		Compare & References	Remove/Cir Trace 1	Vert Offset:M1 -2mV
202.00 mV			Chan Sel M1	