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

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PERFORMANCE CHECKSHEET

Model: AVM-2-P-M
Type: Ultra-High-Speed Pulse Generator
S.N.: 12621
Date: March 31, 2011

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: +24V, 500 mA DC

Basic specifications: →

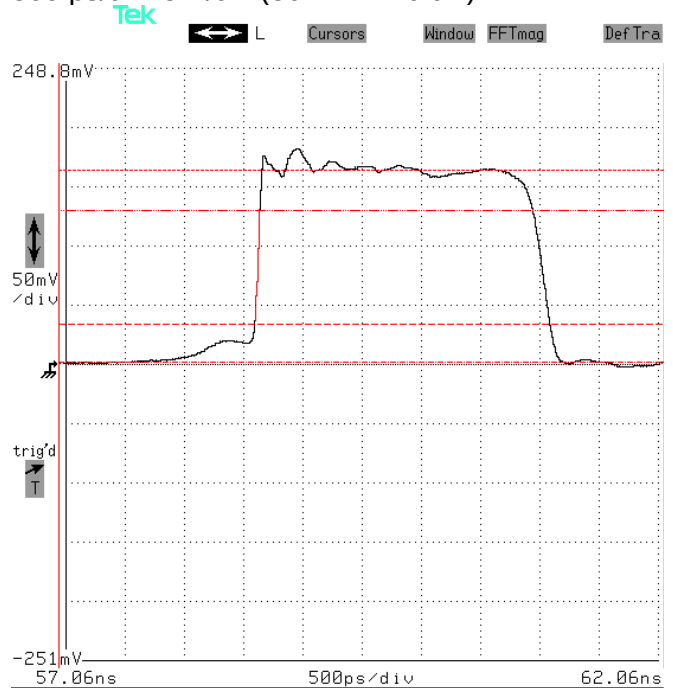
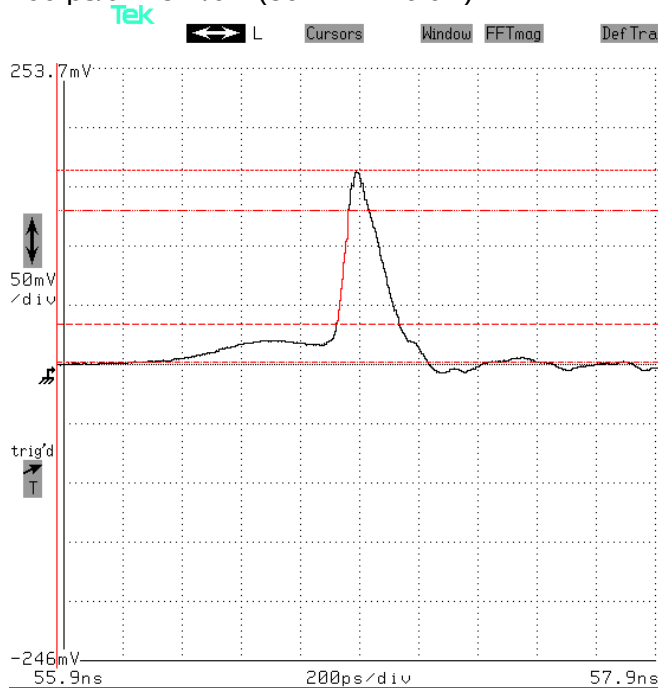
Test Waveforms

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):



| Width | Rise | Fall | Measure-ments | Main Size |
|-----------|----------|-----------|----------------------|-------------|
| 133.98 ps | 40.37 ps | 105.02 ps | | 200ps/div |
| Amplitude | | | Compare & References | Main Pos |
| 162.00 mV | | | | 55.87896ns |
| | | | Remove/Clr Trace 1 | Pan/Zoom |
| | | | | Avg(M1) Off |

| Width | Rise | Fall | Measure-ments | Main Size |
|------------|----------|-----------|----------------------|-------------|
| 2.39850 ns | 43.60 ps | 148.23 ps | | 500ps/div |
| Amplitude | | | Compare & References | Main Pos |
| 162.00 mV | | | | 56.99896ns |
| | | | Remove/Clr Trace 1 | Pan/Zoom |
| | | | | Avg(M1) Off |