

Signal Integrity Analysis Solutions

High Speed applications

SIA-4000 with Gigaview™ 2.0 software

- Test signals up to and beyond 15Gbs
- 2nd and 3rd order PLL characterization
 - 3dB frequency, peaking, transfer function
 - No external signal source needed
- Noise floor below 700femtoseconds
- True differential inputs, up to 8
- Hybrid technology
 - 15GHz color gradient sampling scope
 - includes Eye Mask and RN, DN, TN
 - 35GHz timing circuits bandwidth
- Integrated pattern detect on each input channel
- Independent scope trigger on each input channel
- Total Jitter measurements to BER below 10^{-12}
- RJ, DJ, TJ, DDJ, PJ, etc.
- And much more including features of SIA-3000 family

Upgrades start at
\$36,495!



Upgrade

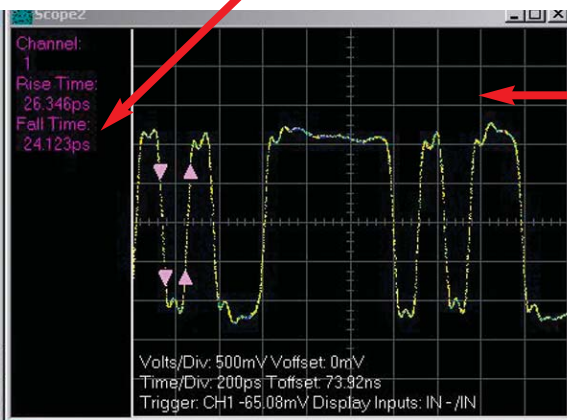
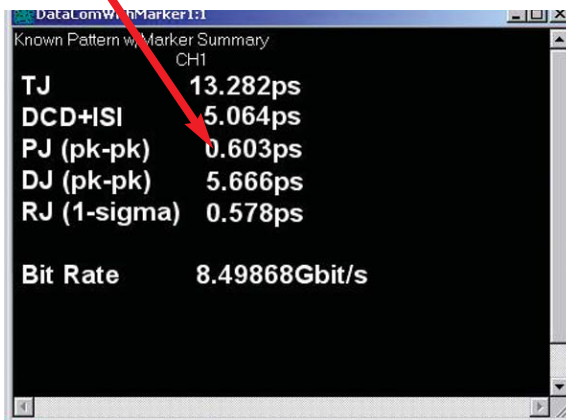
Your Wavecrest SIA-3X00 to the SIA-4000

SIA-3X00
13 GHz Timing bandwidth
4.5 Gb/s data rate maximum
6 GHz oscilloscope
1 pattern marker option
Bit clock required for eye diagram
Manual pattern load in datacom tool
Test 2 nd order PLL

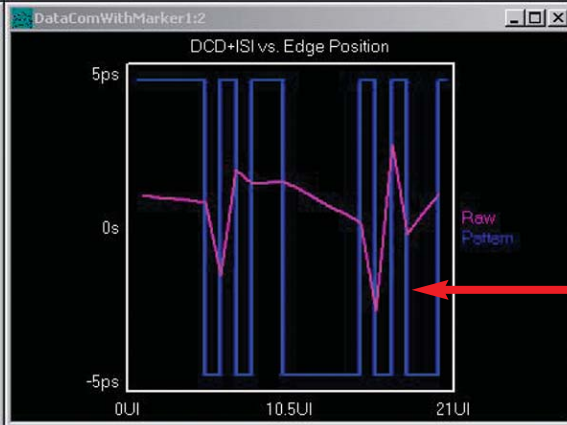
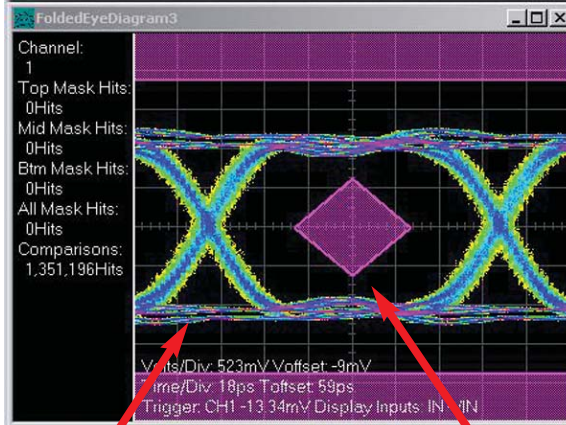
SIA-4000
35 GHz Timing bandwidth
15 Gb/s data rate maximum
15 GHz color gradient oscilloscope
Pattern marker/trigger now included on <i>every channel</i>
NO bit clock required, eye diagram from data only
Automated pattern detect
Test 2 nd and 3 rd order PLL
Low noise floor <200fs

Low Jitter / 35 GHz Timing BW

Fast Rise/Fall Times



15 GHz Scope BW



Auto Pattern Detect

Color Gradient

Eye Diagram - NO Bit Clock