



## **X-STREAM OSCILLOSCOPE VERSION 5.7.2.1 RELEASE NOTES**

**OCTOBER 2008**

### ***New Products and Features:***

#### **WavePro 7Zi/ SDA 7Zi/ DDA 7Zi**

- Added support for the new 7 Zi series of oscilloscopes and analyzers from 1.5 GHz to 6 GHz

#### **SDA II**

- Highest Confidence for Serial Data Testing with Superior Jitter Breakdown methodologies with more accurate tools to increase confidence and provide insight faster

### ***Improvements:***

#### **WaveSurfer Xs and MXs**

- Added more memory choices, user can now select 10k, 100k, 500k, 1M, 2.5M, 5M, 10M.
- Zx Zoom traces default to variable zoom ratio when a rectangular box is drawn, and now change to a fixed zoom ratio when a front panel knob is used to adjust the ratio further
- Parameter name changed from “Rise” to “Rise Time” (consistent with “Fall Time”)

#### **WaveLink Probes**

- New remote PowerOff handling capabilities added

### ***Corrections:***

#### **WaveSurfer Xs and MXs**

- FFT can now be moved with a mouse without the scale being affected.
- Horizontal parameters return all horizontal measurements correctly when there is long interval of zero volts
- Annotated screen captures are saved correctly, annotations are not distorted

#### **WaveRunner Xi and MXi, VBA Xi**

- FFT can now be moved with a mouse without the scale being affected.
- ENET deskew value calculation corrected

#### **WaveRunner 6xxxA**

- FFT can now be moved with a mouse without the scale being affected.
- Horizontal parameters return all horizontal measurements correctly when there is long interval of zero volts

#### **WavePro 7xxxA**

- FFT can now be moved with a mouse without the scale being affected.
- Horizontal parameters return all horizontal measurements correctly when there is long interval of zero volts

## **WaveMaster 8xxx, SDA, SDA DBI**

- FFT can now be moved with a mouse without the scale being affected.
- SDA 13000, in 13 GHz mode, would reset measurements to a population of zero even though nothing was changed
- Horizontal parameters return all horizontal measurements correctly when there is long interval of zero volts
- Addition of QPHY-UWB or 8B10B no longer causes any issues during boot up
- Annotated screen captures are saved correctly, annotations are not distorted
- In default AUTO format, save waveforms in Binary resulted in lost information since data should be saved in word, not byte, lengths
- 8b/10b shows correct symbolic values

## **AP033**

- Gain setting error corrected

## **WaveScan**

- Trigger action resolved to save all waveforms
- Functionality in sequence mode resolved
- DTime at Level parameter zooms correctly

## **AORM**

- Corrected % values calculation

## **Serial Trigger and Decode**

- FlexRay data is correctly decoded on full acquisitions
- FlexRay decode corrected on digital channels
- LIN bitrate calculation is correctly measured and displayed
- LIN decode working for partial frames
- Errors in decode configuration table corrected