

EOS

Nanosecond Transient Absorption Spectrometer

Millisecond Transient Absorption of Iron Oxide (Time window: 50 ms)

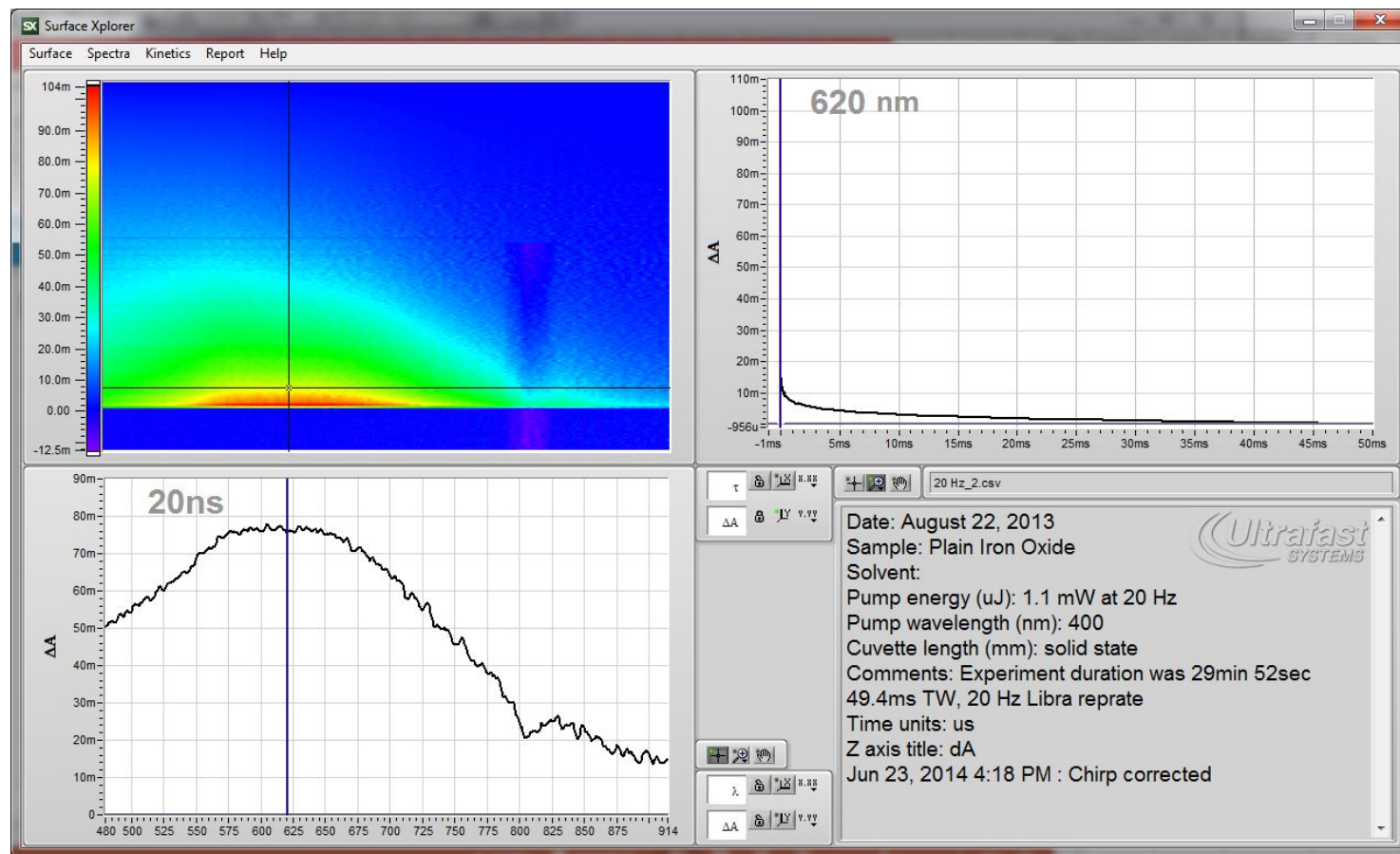
DATA EXAMPLE



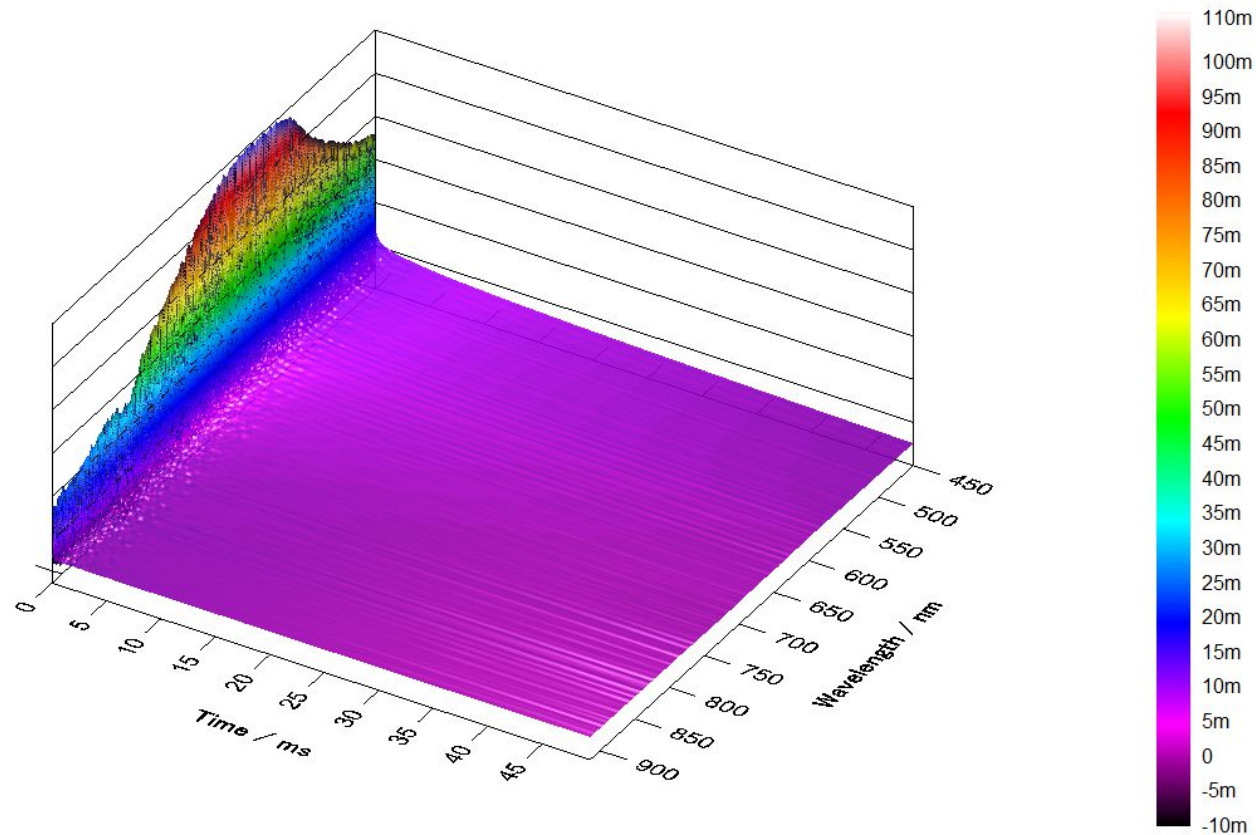
Experiment Details

- Sample: Iron Oxide
- Solvent: N/A
- Laser / OPA: Coherent Libra @ 20 Hz / Harmonics Generator
- Pump energy: 55 μ J
- Pump wavelength: 400 nm
- Measurement time: 00:29:52

Iron Oxide Dynamic Surface with Kinetic and Spectral Slices in Surface Xplorer Software

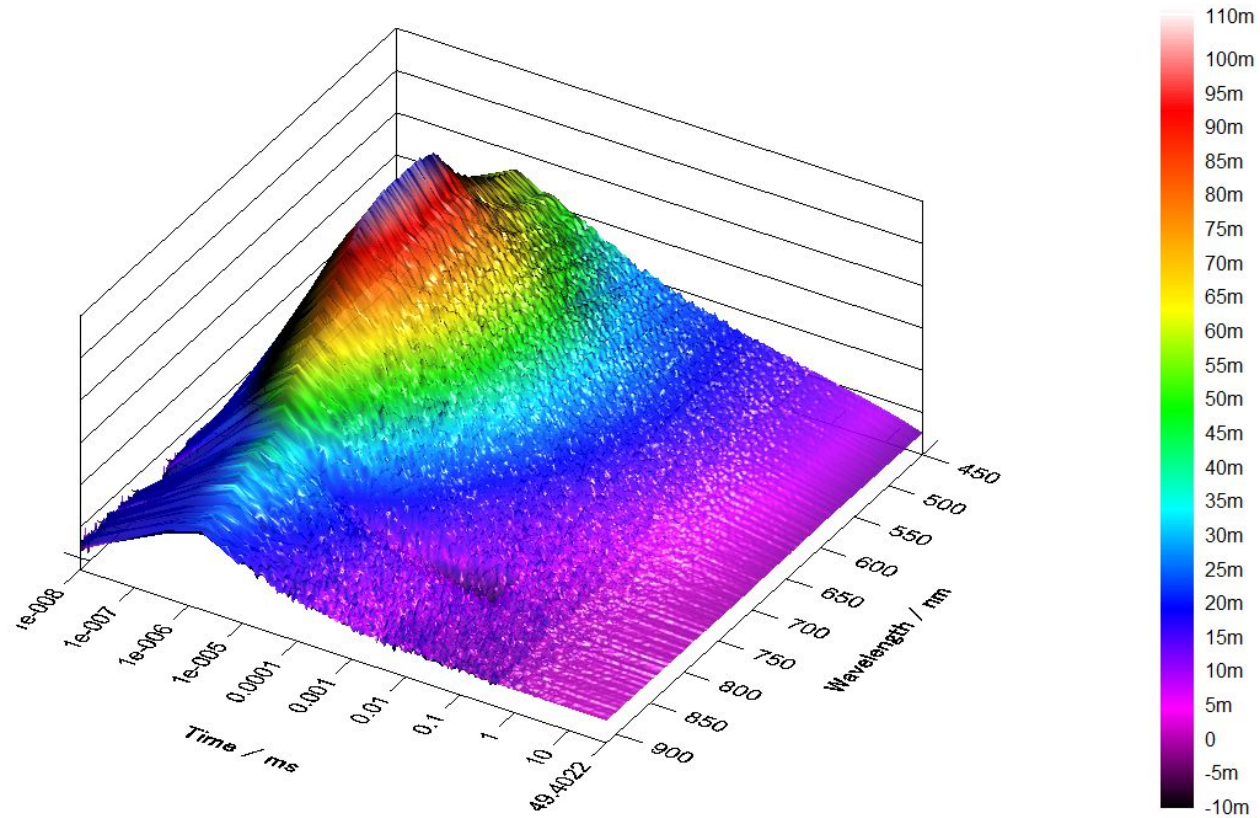


Dynamic Surface of Iron Oxide Linear Timescale



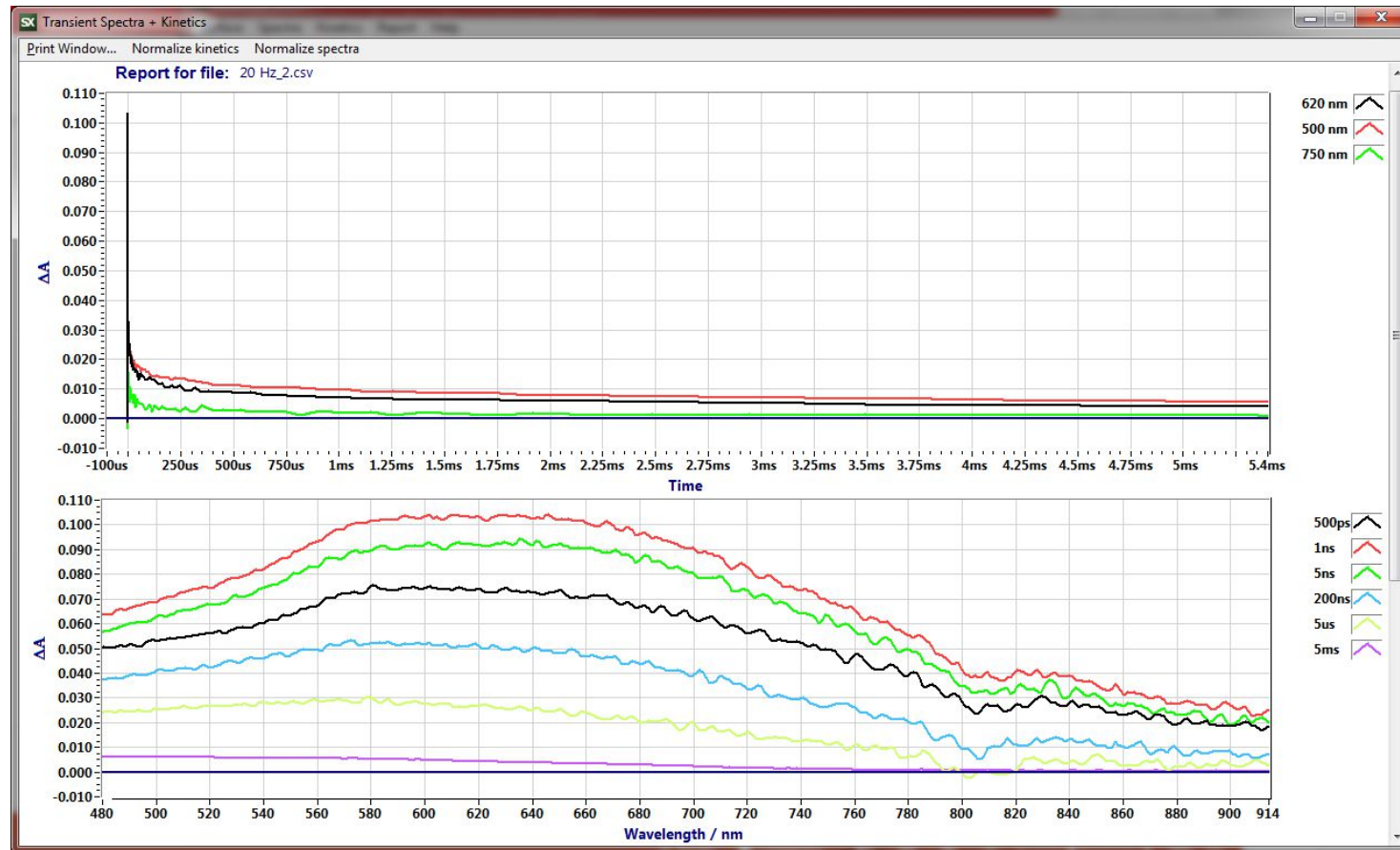
EOS Millisecond Transient Absorption of Iron Oxide (Time window: 50 ms)

Dynamic Surface of Iron Oxide Logarithmic Timescale



EOS Millisecond Transient Absorption of Iron Oxide (Time window: 50 ms)

Transient Kinetic & Spectra of Iron Oxide



EOS Millisecond Transient Absorption of Iron Oxide (Time window: 50 ms)