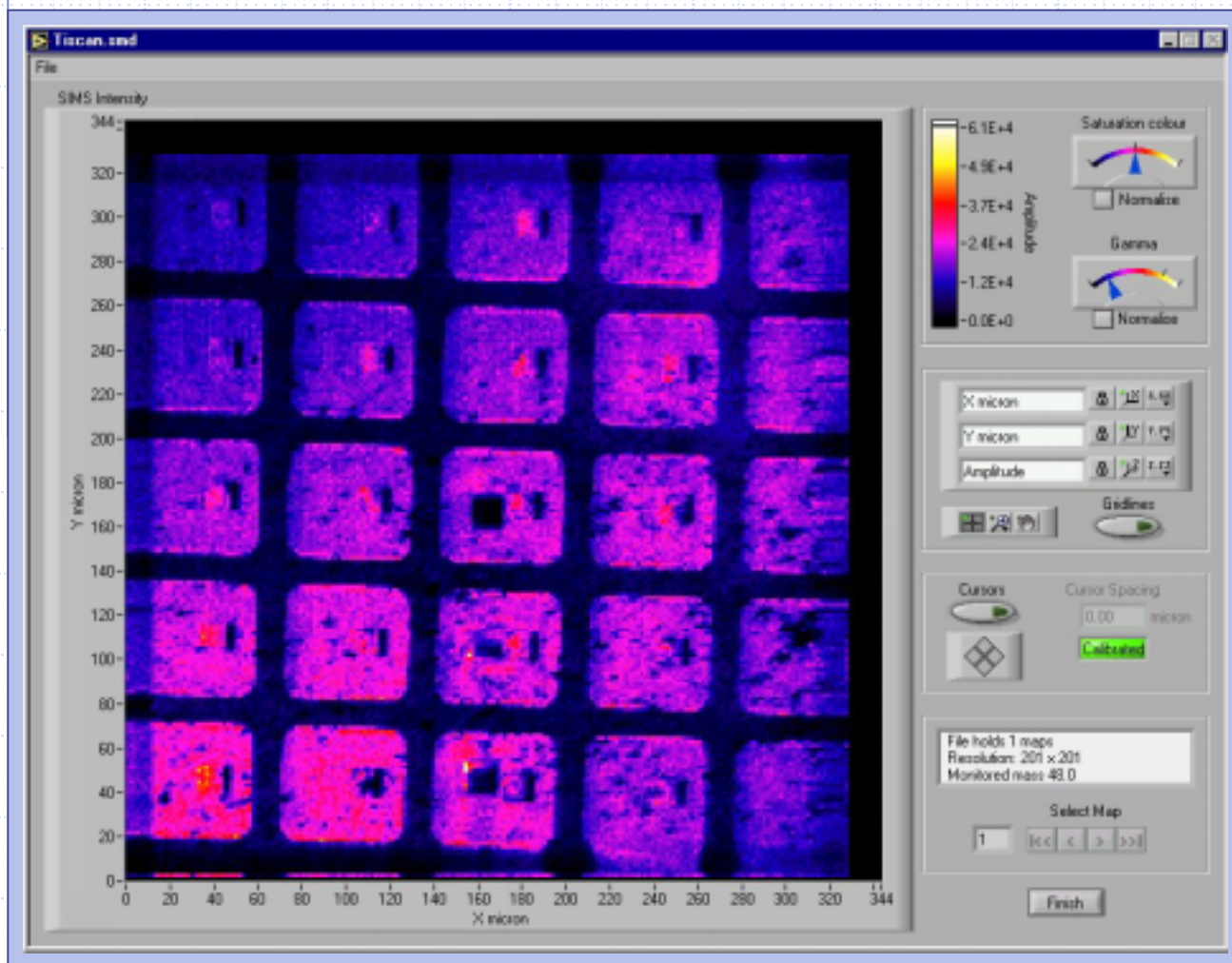


# SIMS Images



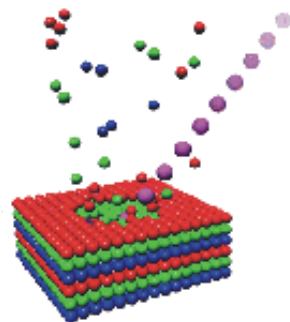
**Sample: Wafer sample, Array of 50x50μm squares**  
**Imaging Ti, 48amu**

**5 nA Beam, 30kV, 12mm Ion Gun Distance**

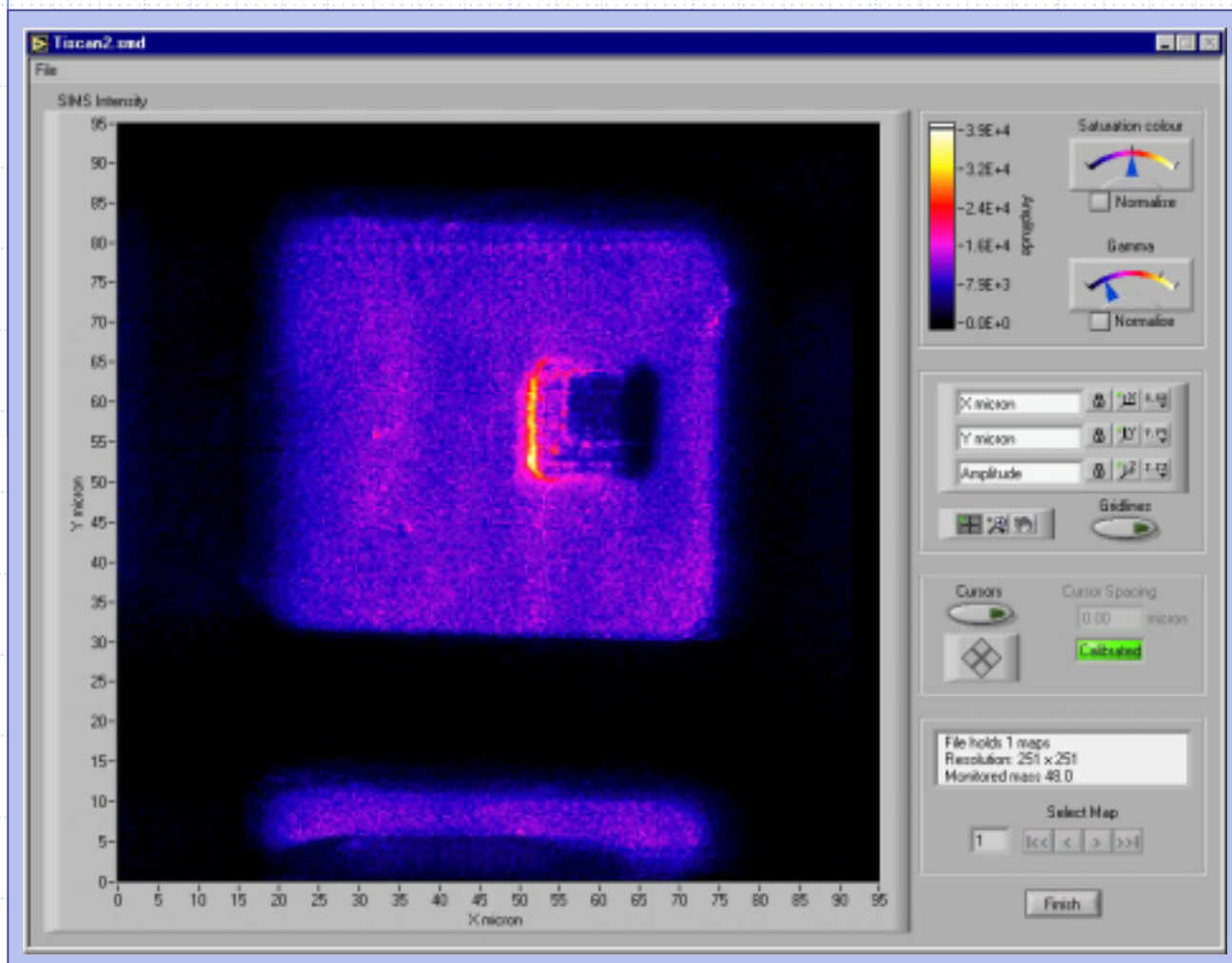
**Spot size 0.50 μm**

**200 x 200 resolution images**

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# SIMS Images



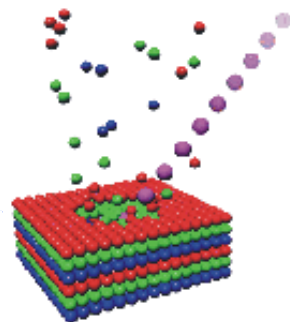
**Sample: Close-up of 50x50 $\mu$ m square  
Imaging Ti, 48amu**

**2 nA Beam, 30kV, 12mm Ion Gun Distance**

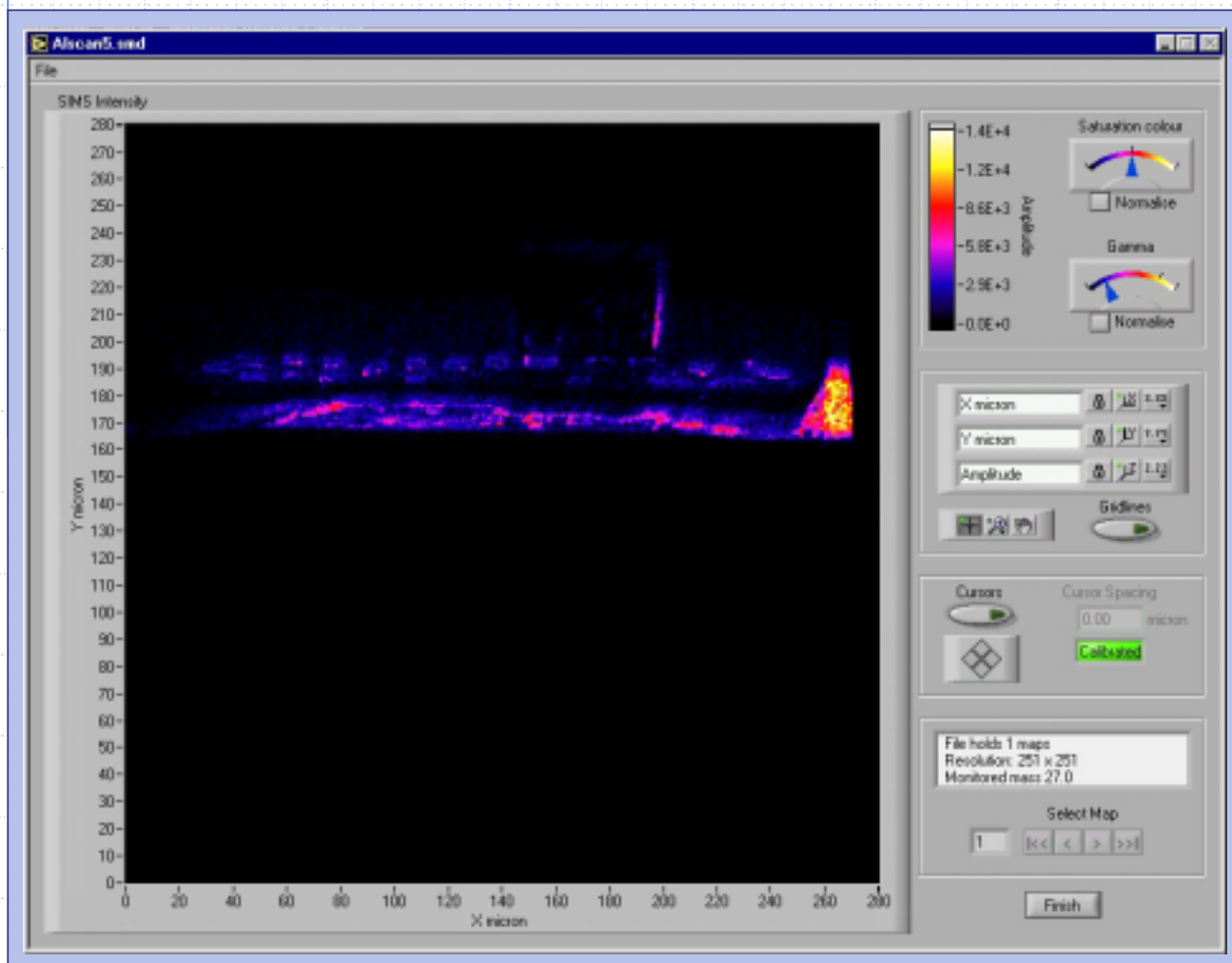
**Spot size 0.25  $\mu$ m**

**250 x 250 resolution images**

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# SIMS Images



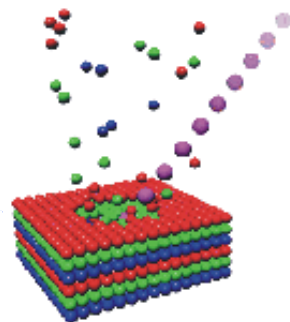
**Sample: Close-up of 50x50 $\mu$ m square after etching.  
Imaging exposed Al, 27amu**

**2 nA Beam, 30kV, 12mm Ion Gun Distance**

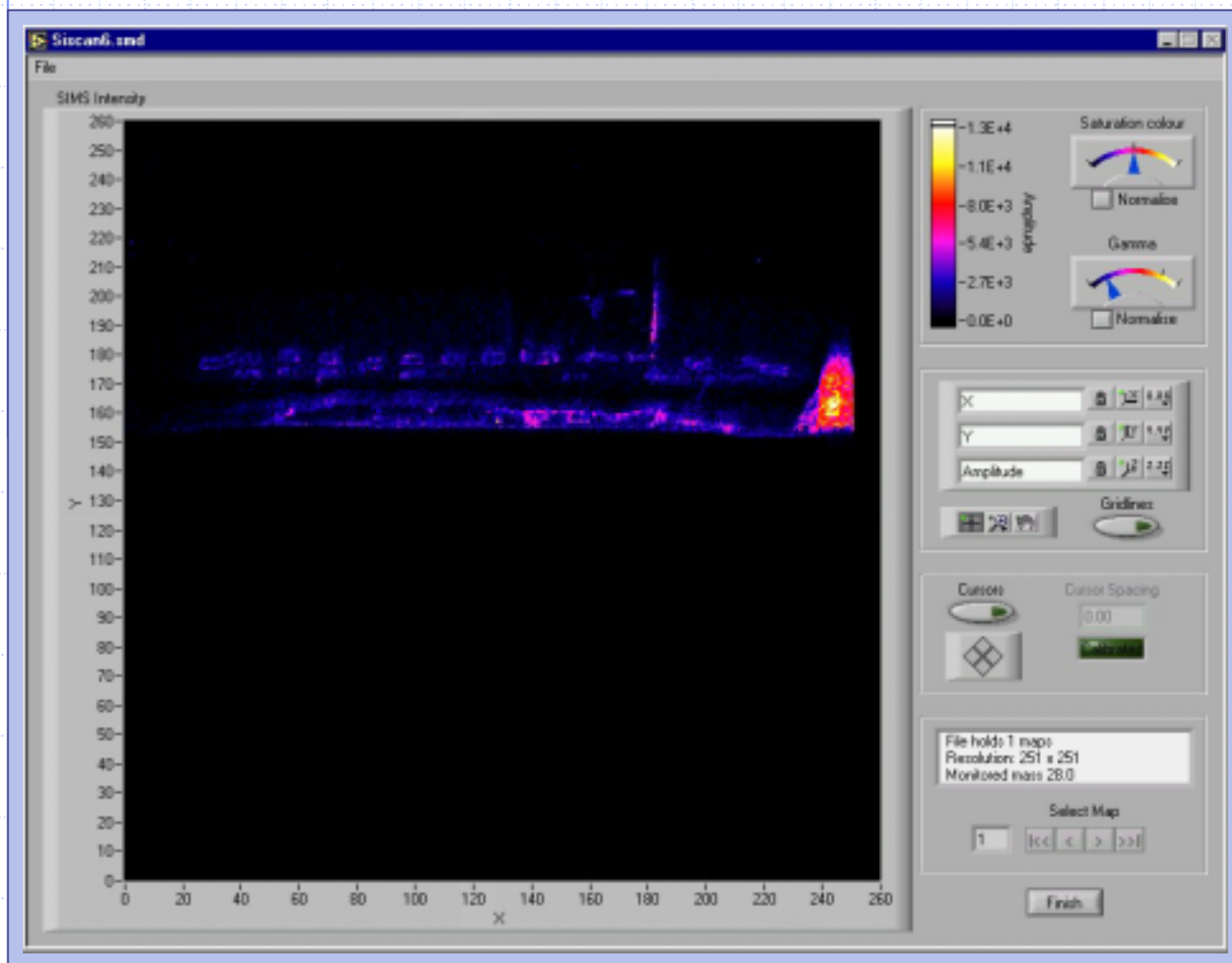
**Spot size 0.25  $\mu$ m**

**250 x 250 resolution images**

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# SIMS Images



**Sample: Close-up of 50x50 $\mu$ m square after etching.  
Imaging exposed Si, 28amu**

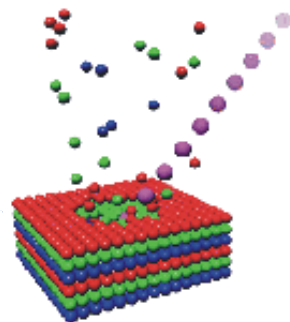
**2 nA Beam, 30kV, 12mm Ion Gun Distance**

**Spot size 0.25  $\mu$ m**

**250 x 250 resolution images**

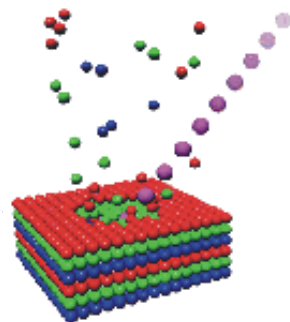
[www.HiddenAnalytical.com](http://www.HiddenAnalytical.com)

# Photo Image

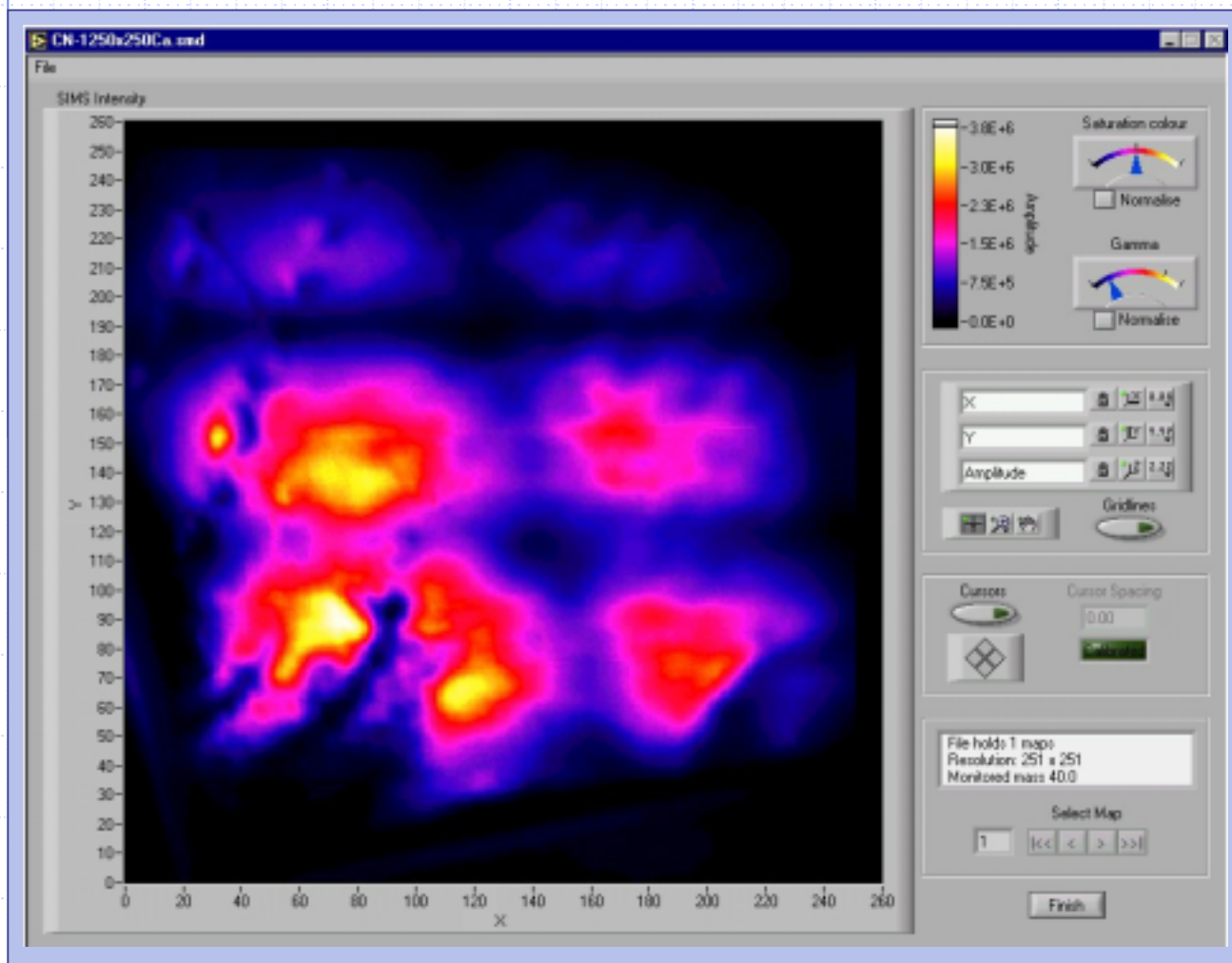


**Supplied Sample**

**Optical Image**



# SIMS Images



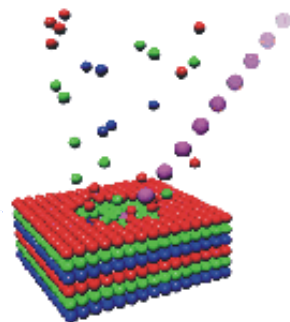
**Imaging Ca, 40 amu**

**600 nA Beam, 5kV**

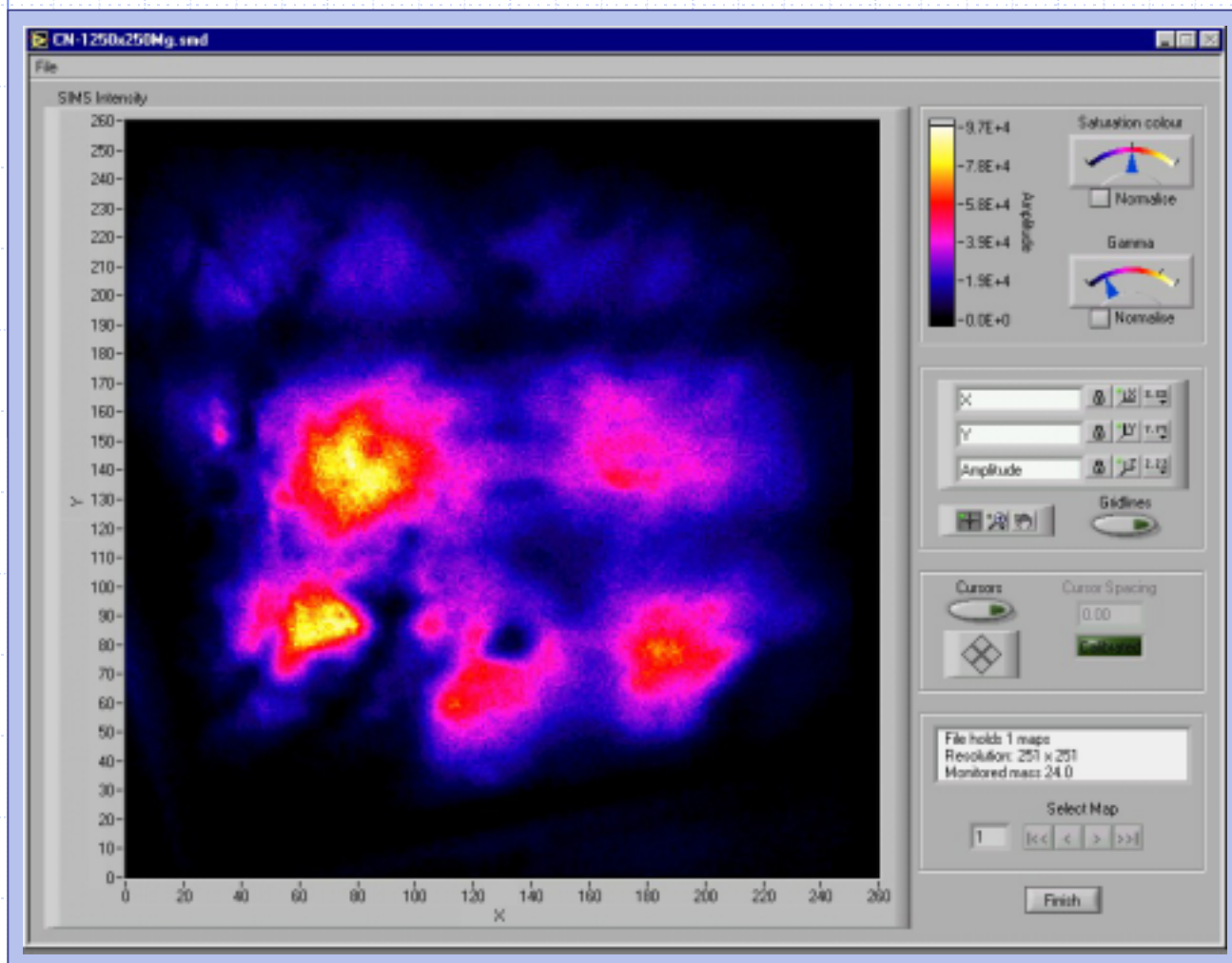
**Spot size  $>100\ \mu\text{m}$**

**250 x 250 resolution images**

[www.HiddenAnalytical.com](http://www.HiddenAnalytical.com)



# SIMS Images



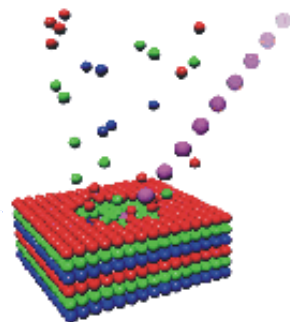
**Imaging Mg, 24amu**

**600 nA Beam, 5kV**

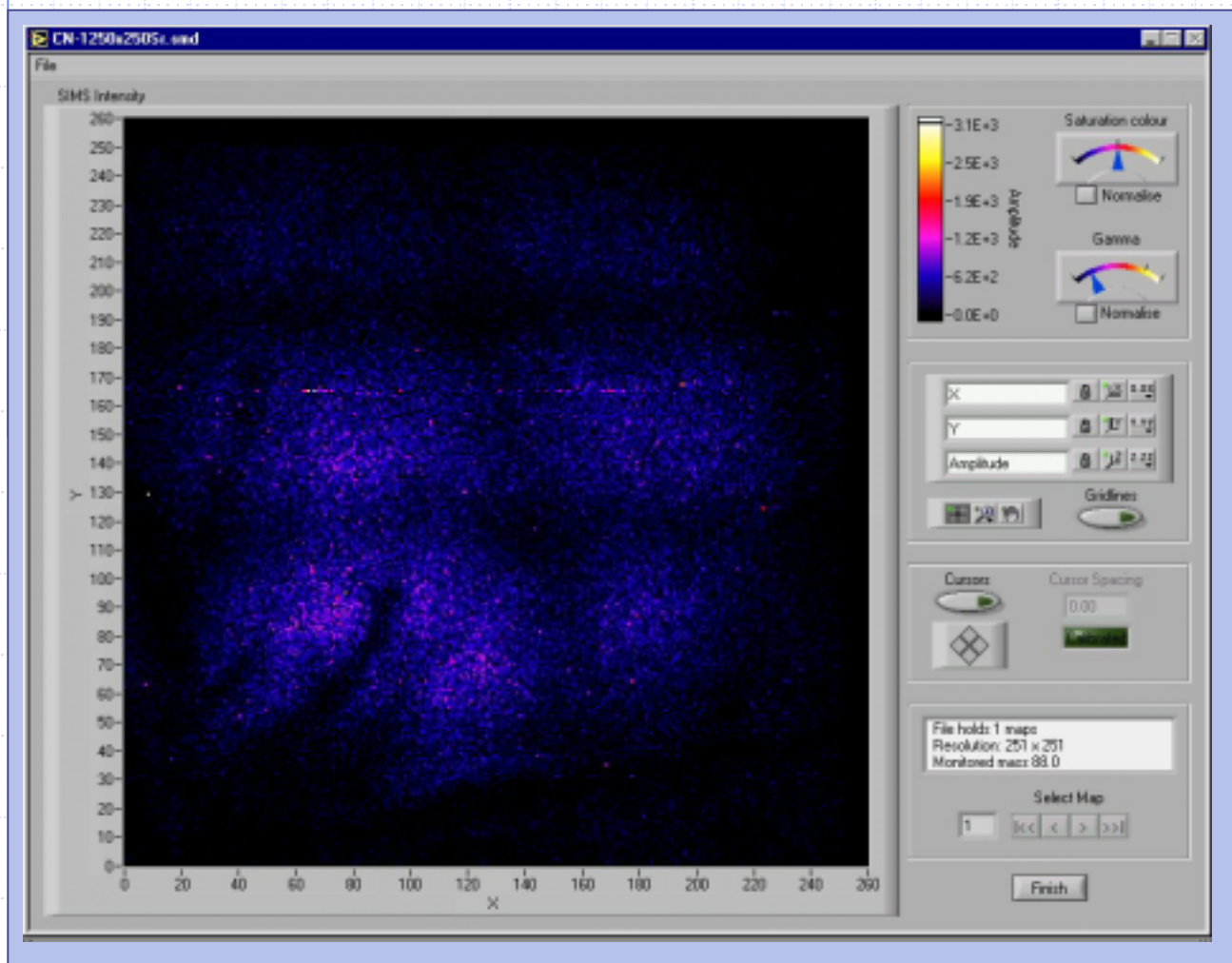
**Spot size >100  $\mu\text{m}$**

**250 x 250 resolution images**

[www.HiddenAnalytical.com](http://www.HiddenAnalytical.com)



# SIMS Images



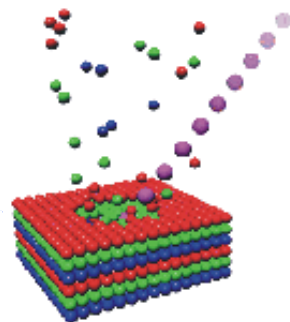
**Imaging Sr, 88amu**

**600 nA Beam, 5kV**

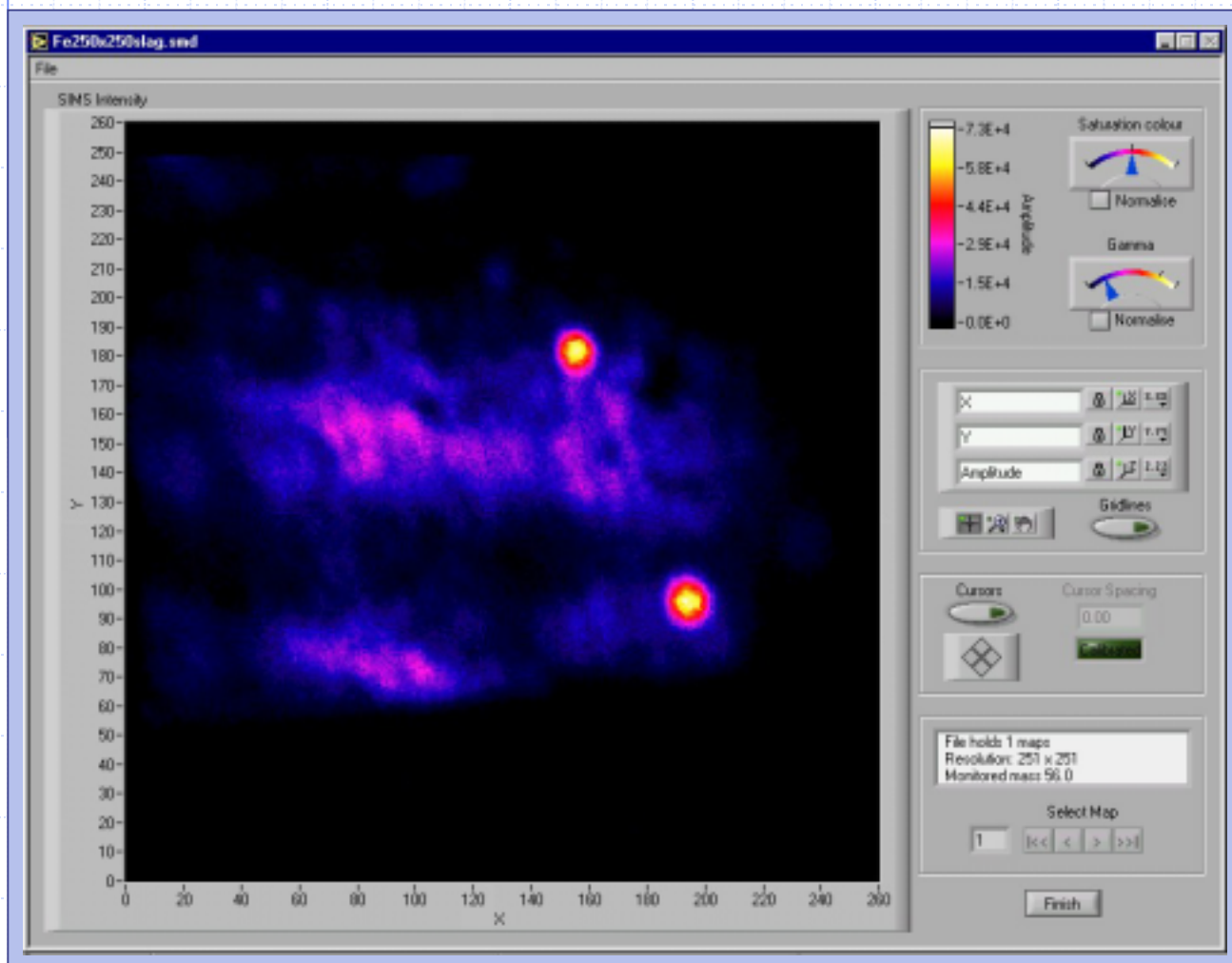
**Spot size >100  $\mu\text{m}$**

**250 x 250 resolution images**

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# SIMS Images



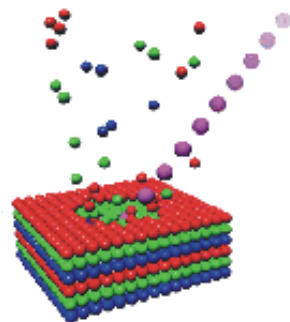
**Imaging Fe, 56amu**

**5 nA Beam, 5kV**

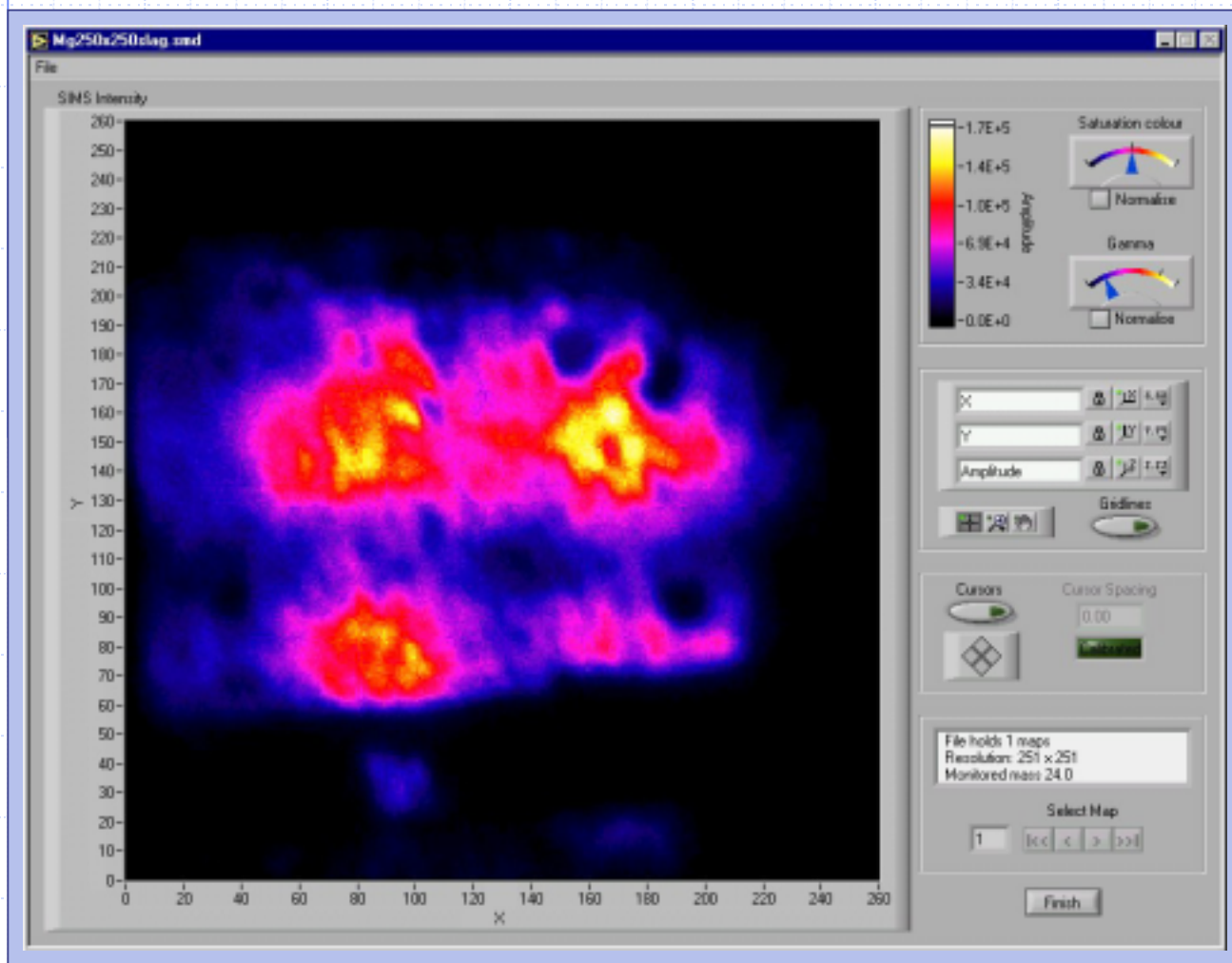
**Spot size >100  $\mu\text{m}$**

**250 x 250 resolution images**

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# SIMS Images



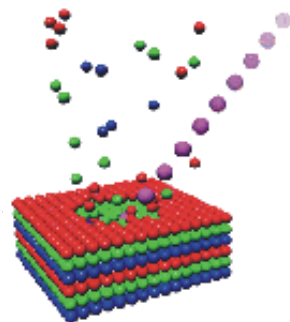
**Imaging Mg, 24amu**

**5 nA Beam, 5kV**

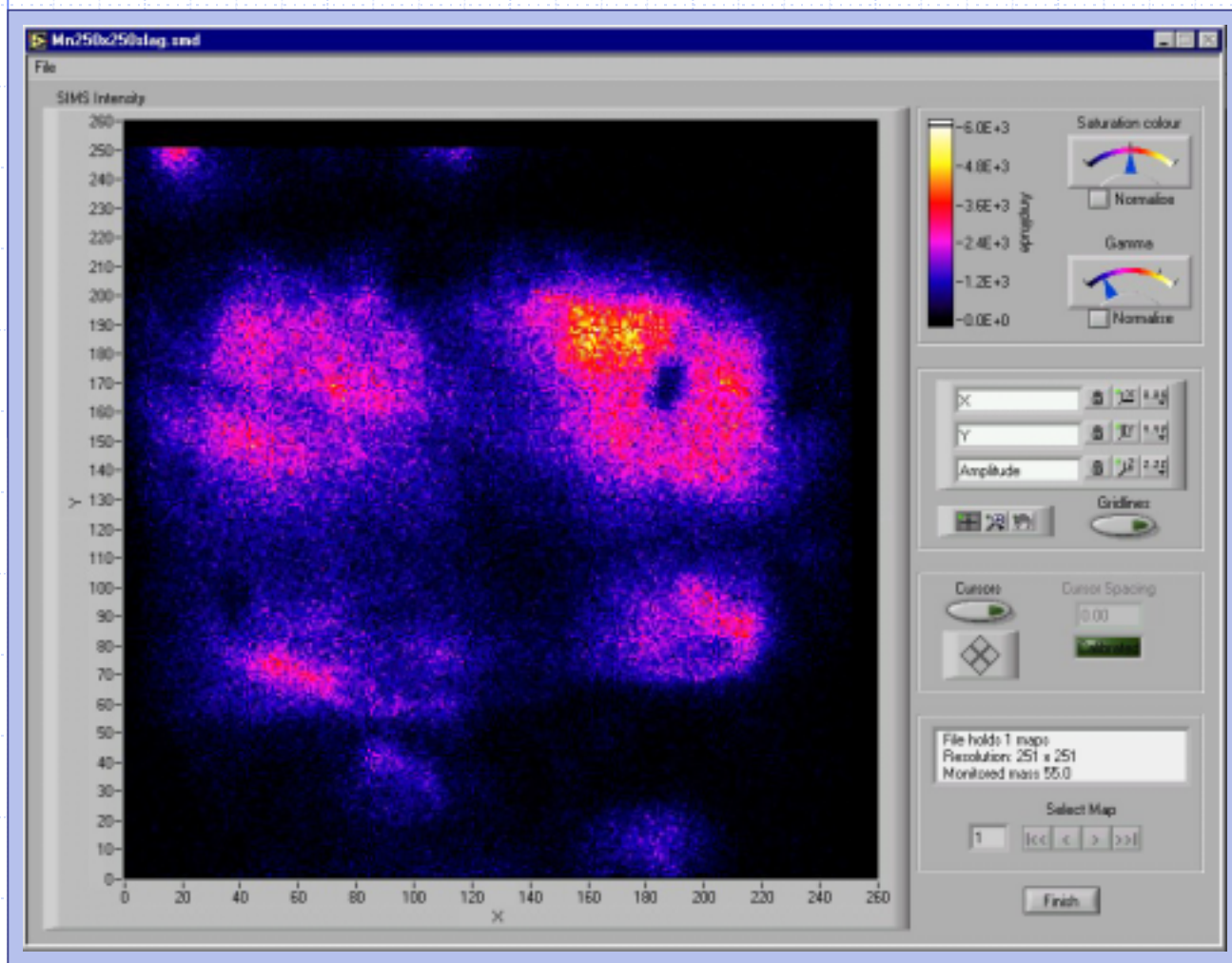
**Spot size >100  $\mu\text{m}$**

**250 x 250 resolution images**

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# SIMS Images



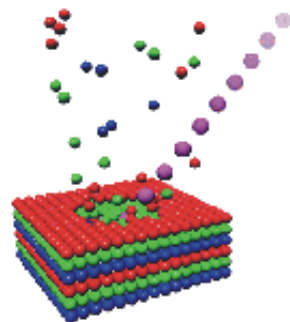
**Imaging Mn, 55amu**

**5 nA Beam, 5kV**

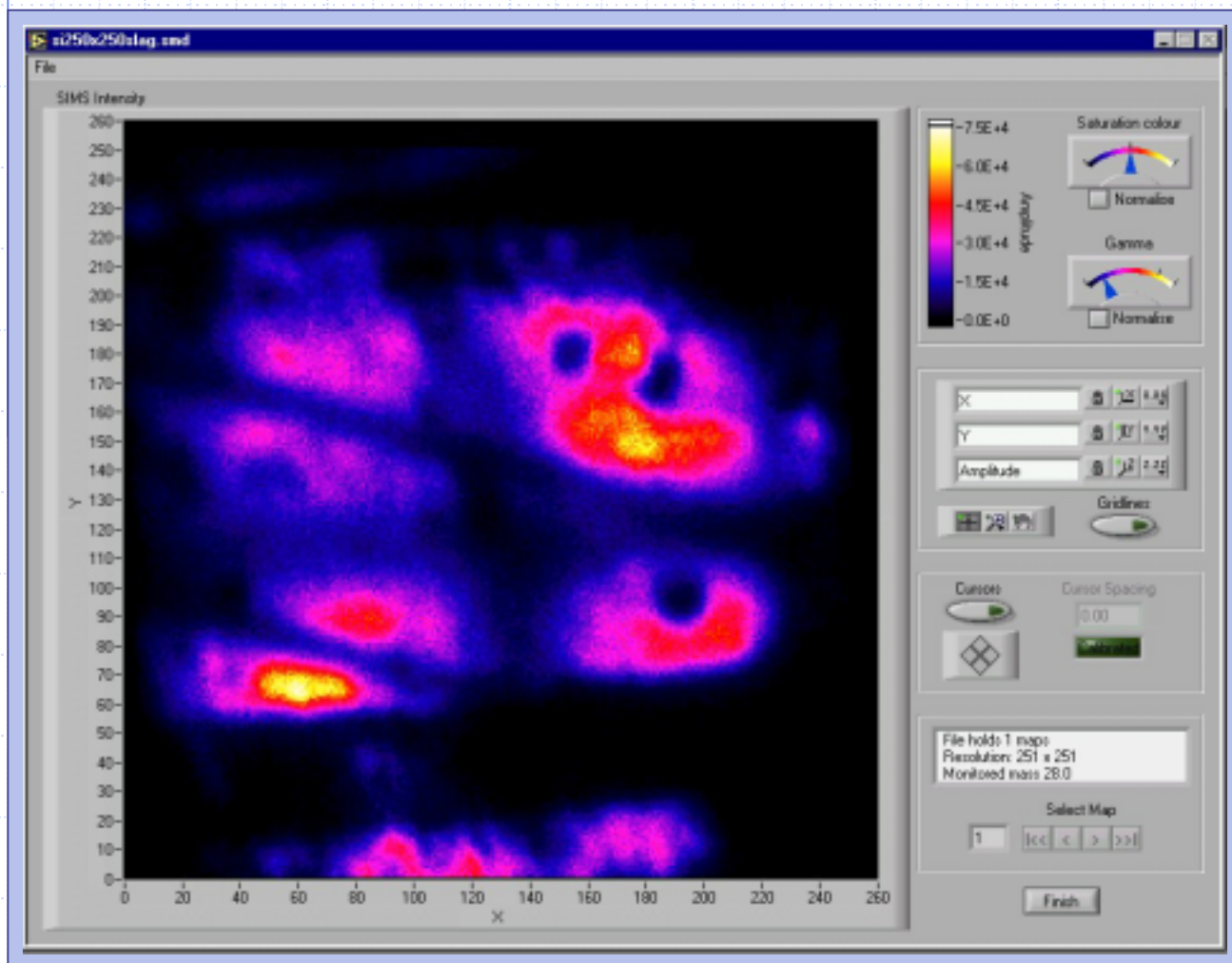
**Spot size >100  $\mu\text{m}$**

**250 x 250 resolution images**

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# SIMS Images



**Imaging Si, 28amu**

**5 nA Beam, 5kV**

**Spot size >100  $\mu\text{m}$**

**250 x 250 resolution images**

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