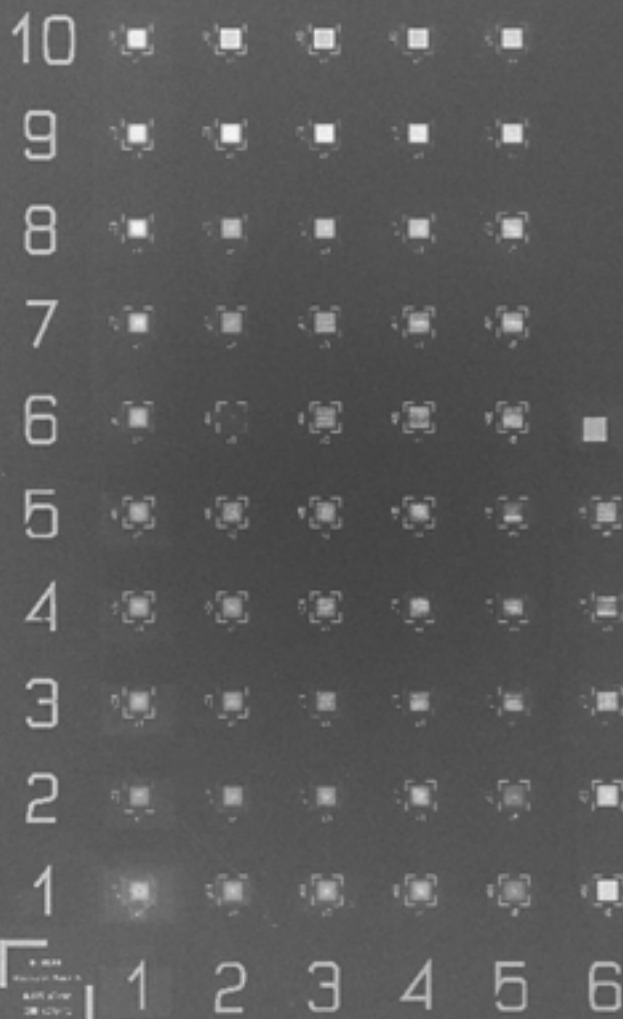


{ Au | VO<sub>2</sub> | Si }



100  $\mu$ m



Mag  $\Rightarrow$  63 X

EHT = 10.00 kV

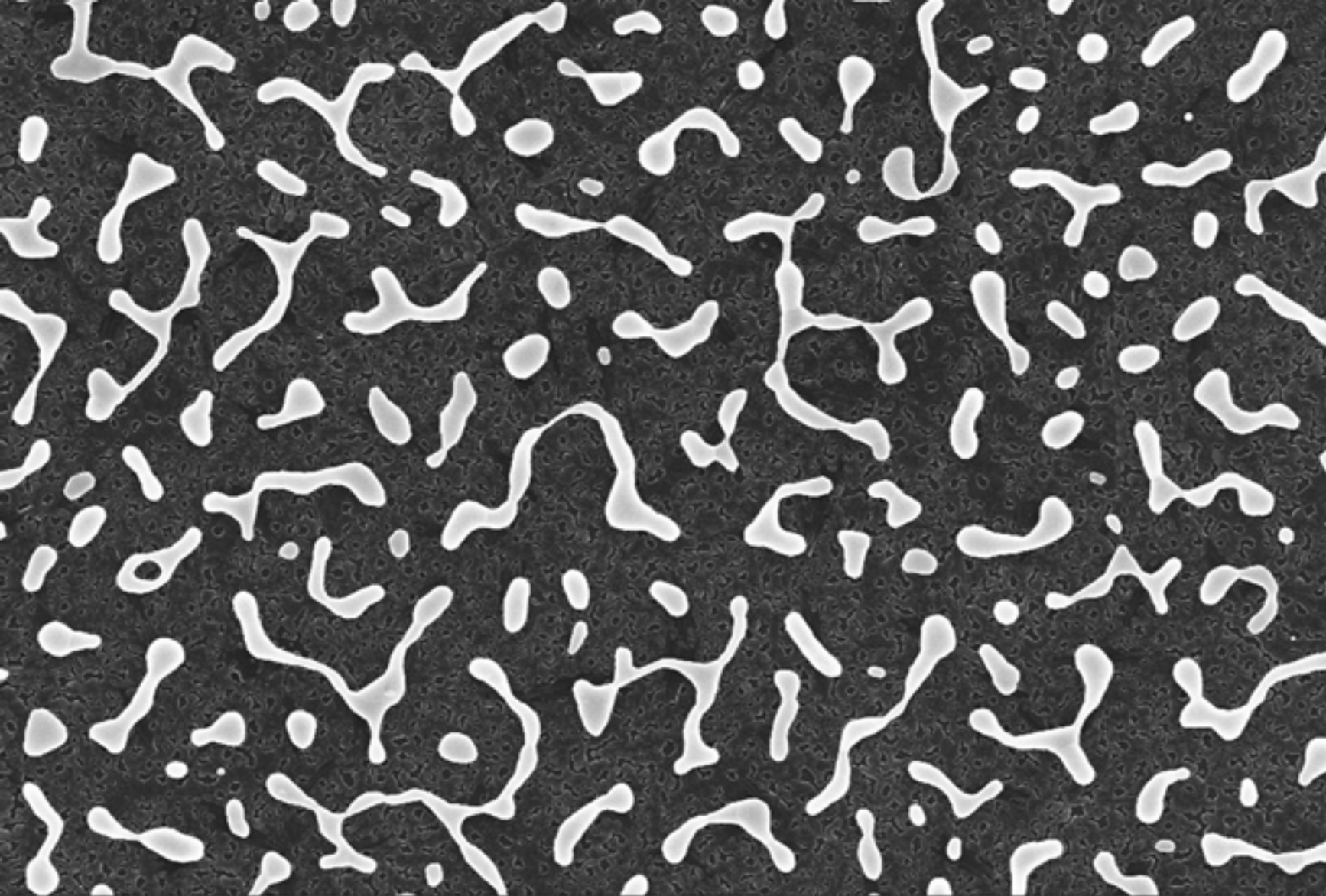
WD = 7 mm

Signal A = InLens

Date : 12 May 2008

Time : 18:19:42

eLINE



2  $\mu\text{m}$   
Mag = 10.00 K X

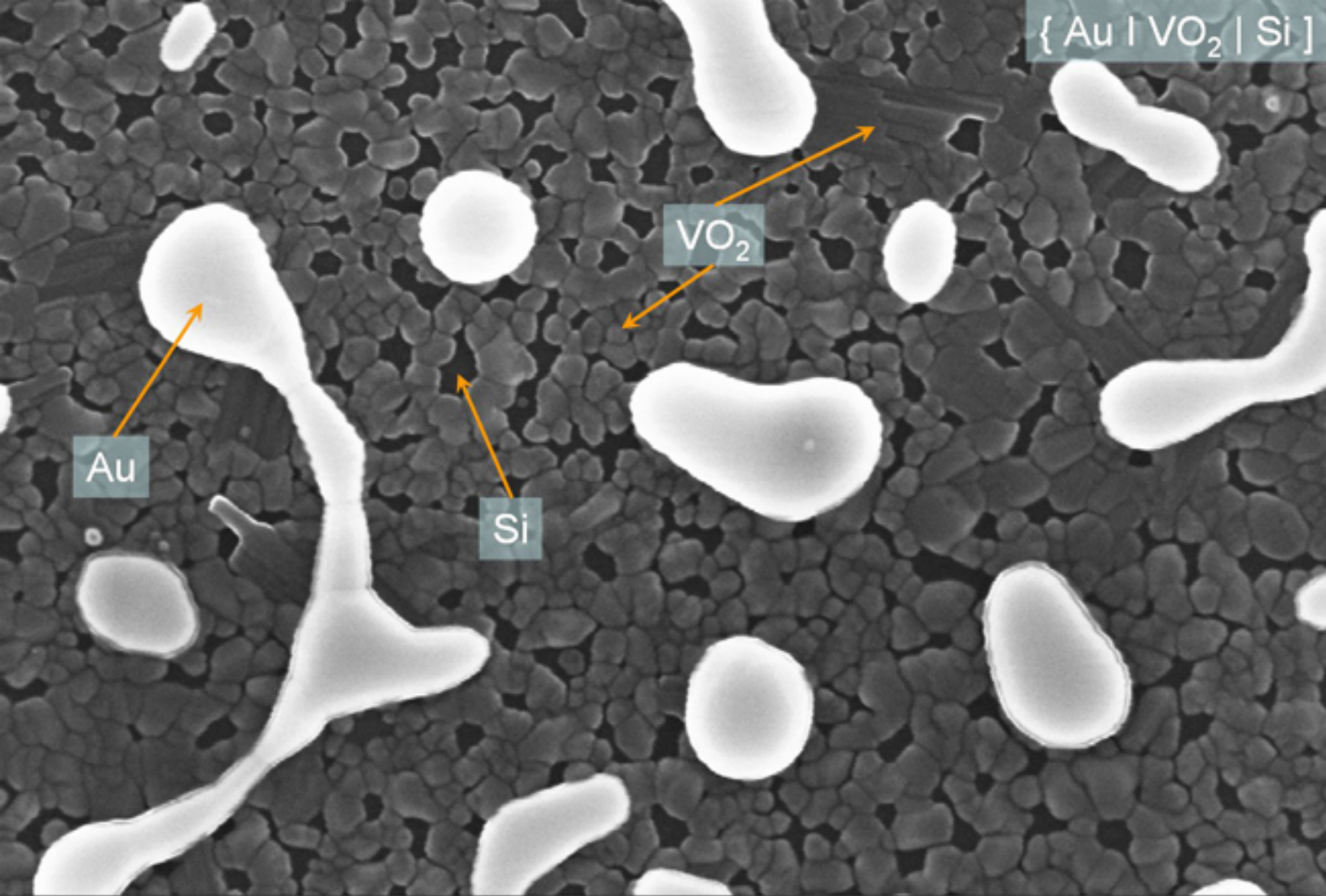
EHT = 10.00 kV  
WD = 7 mm

Signal A = InLens

Date : 15 May 2008  
Time : 11:03:57

eLINE

{ Au | VO<sub>2</sub> | Si }



Au

Si

VO<sub>2</sub>

200 nm



Mag = 37.37 K X

EHT = 10.00 kV

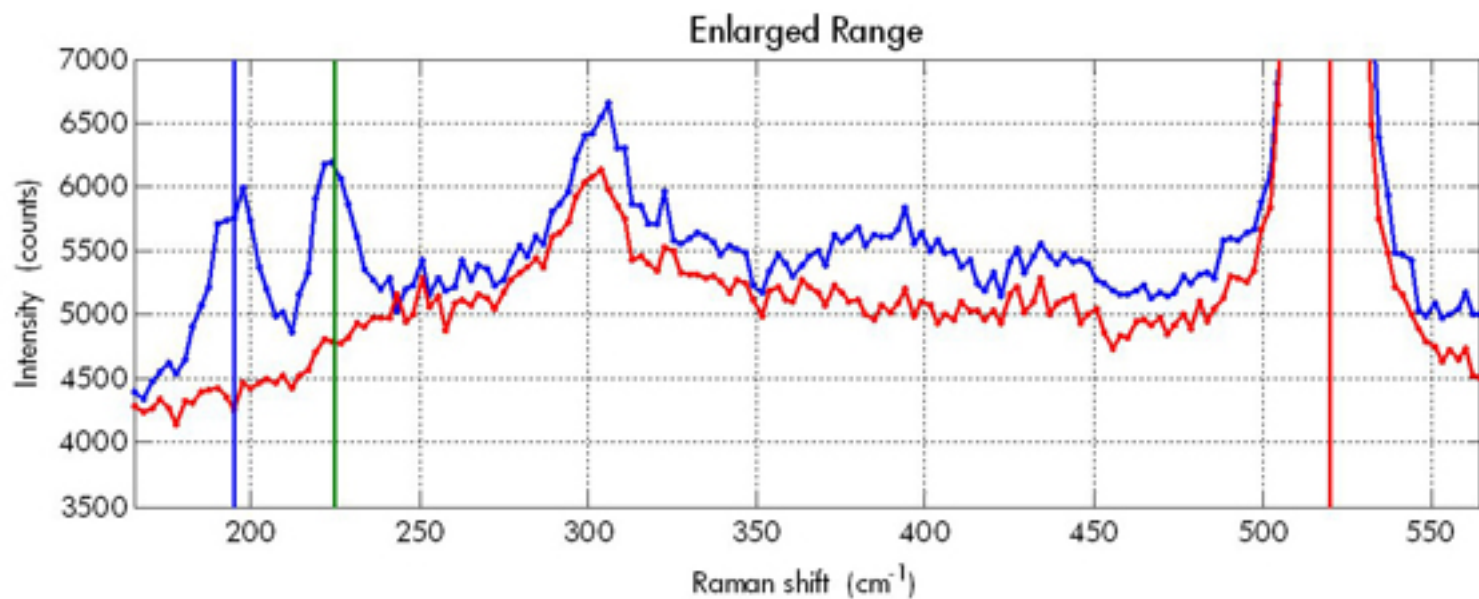
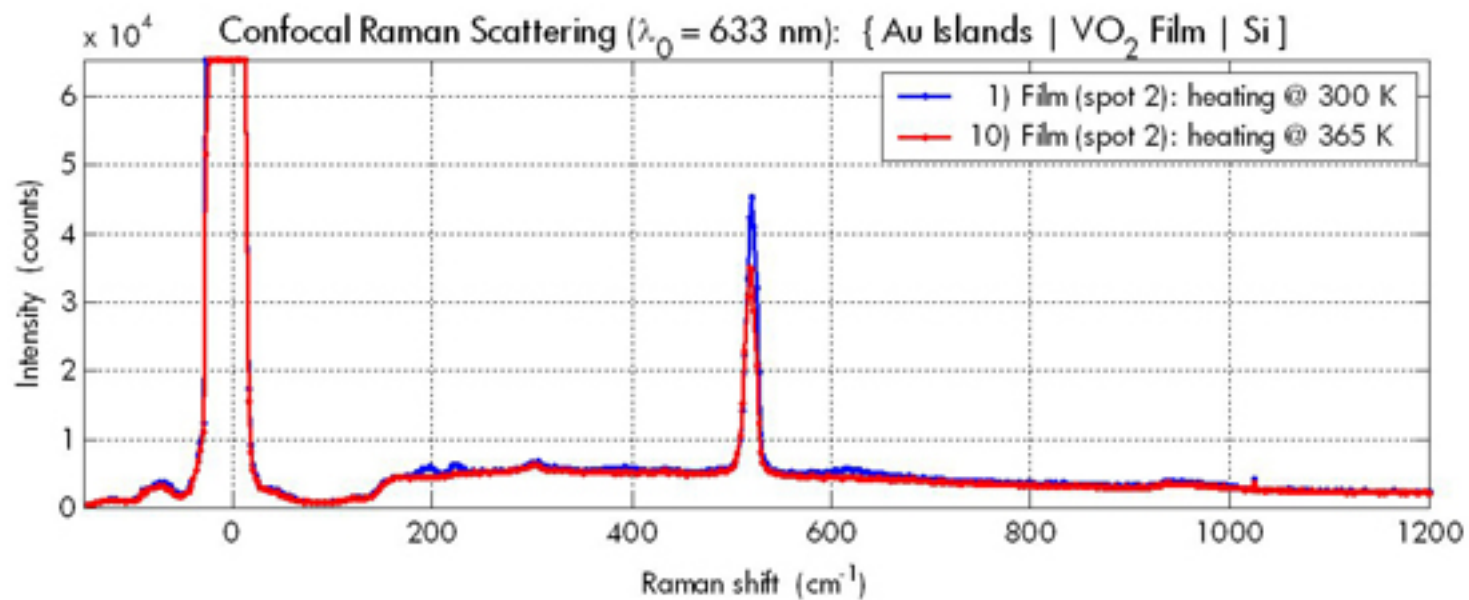
WD = 7 mm

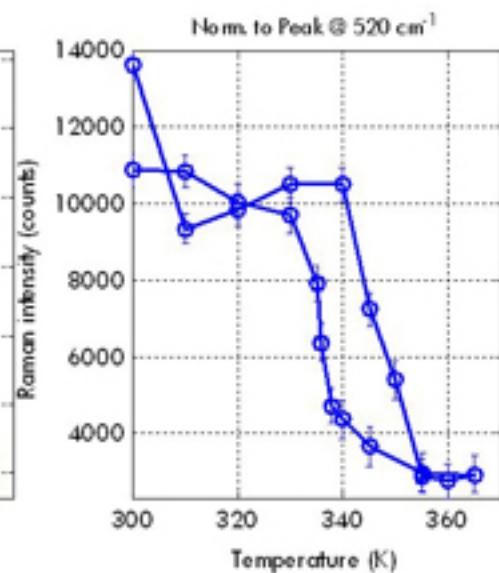
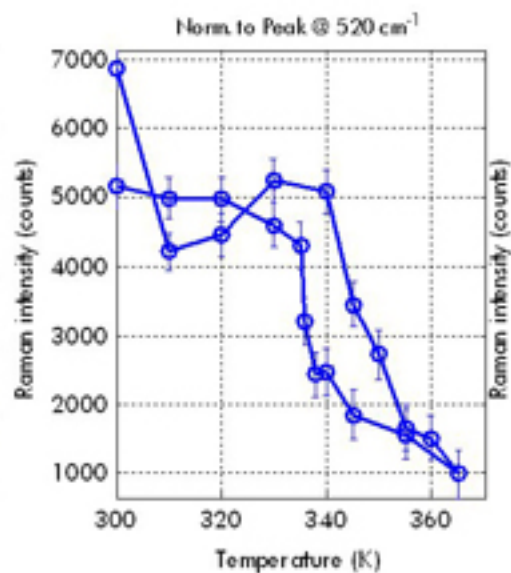
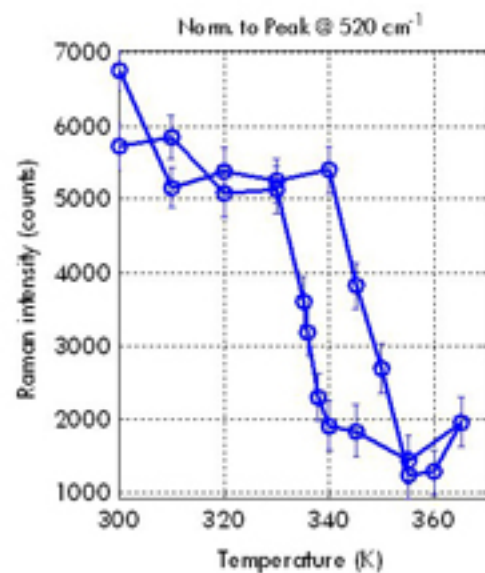
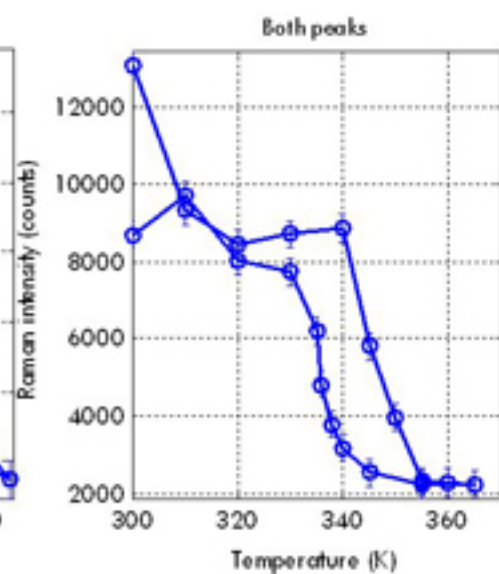
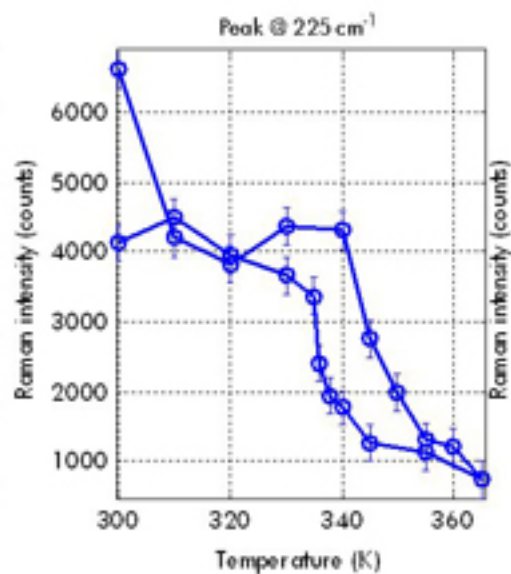
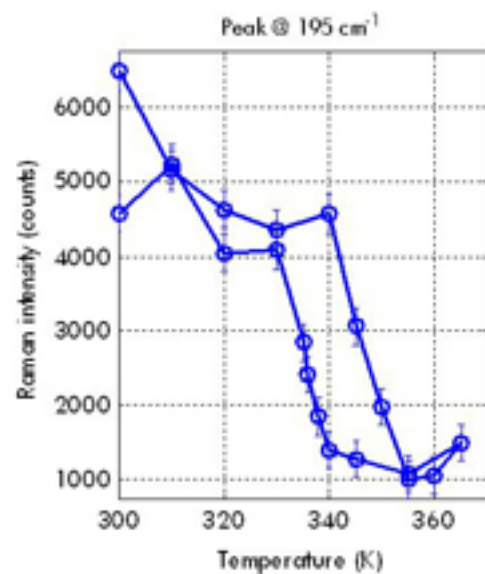
Signal A = InLens

Date : 15 May 2008

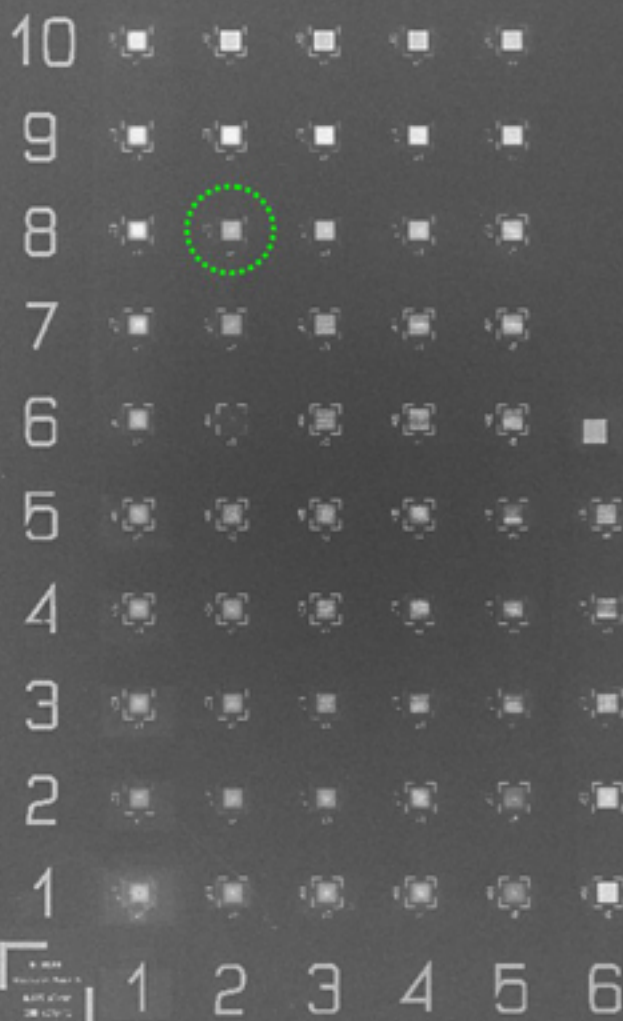
Time : 11:02:43

eLINE





{ Au | VO<sub>2</sub> | Si }



100  $\mu$ m



Mag  $\Rightarrow$  63 X

EHT = 10.00 kV

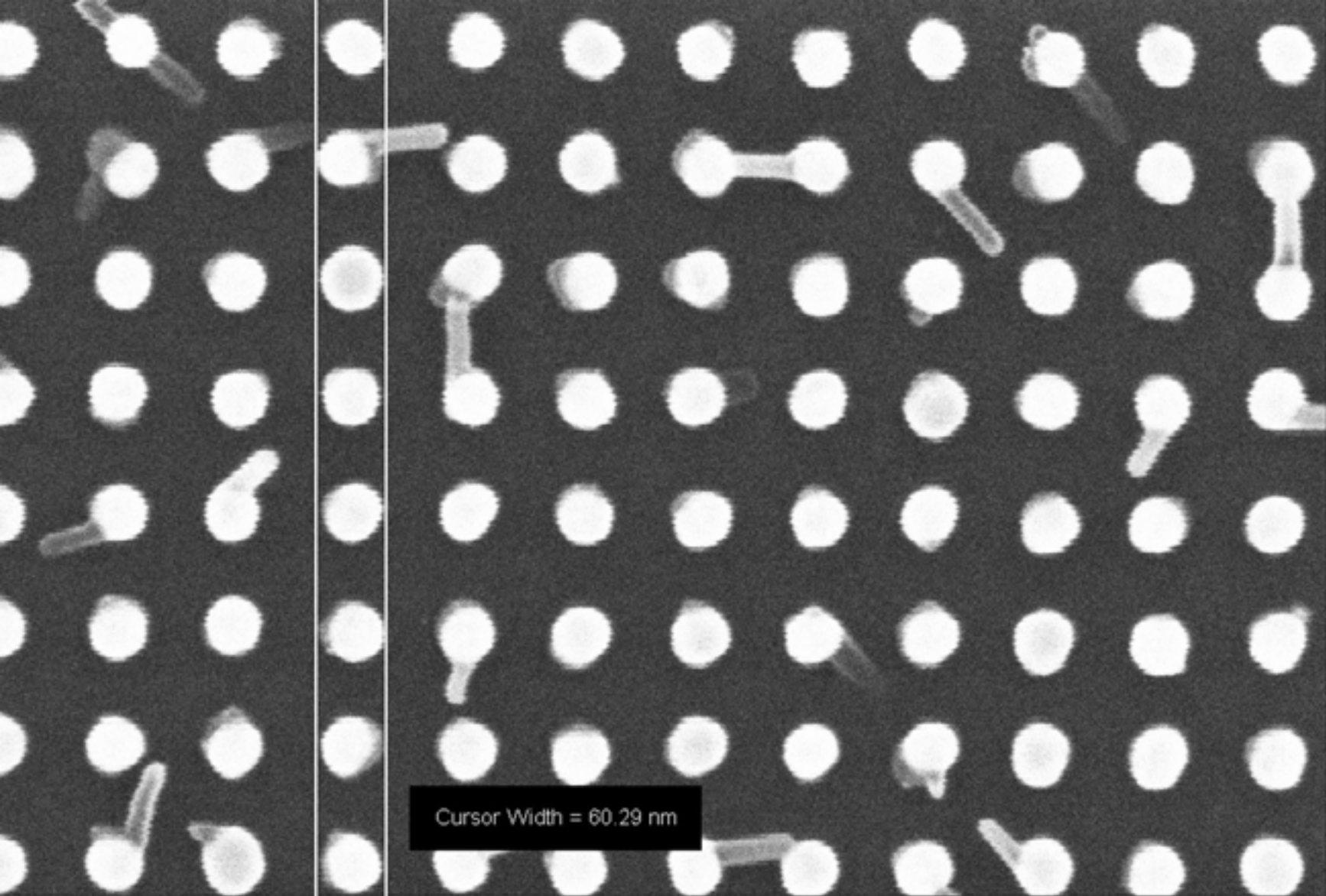
WD = 7 mm

Signal A = InLens

Date : 12 May 2008

Time : 18:19:42

eLINE



Cursor Width = 60.29 nm

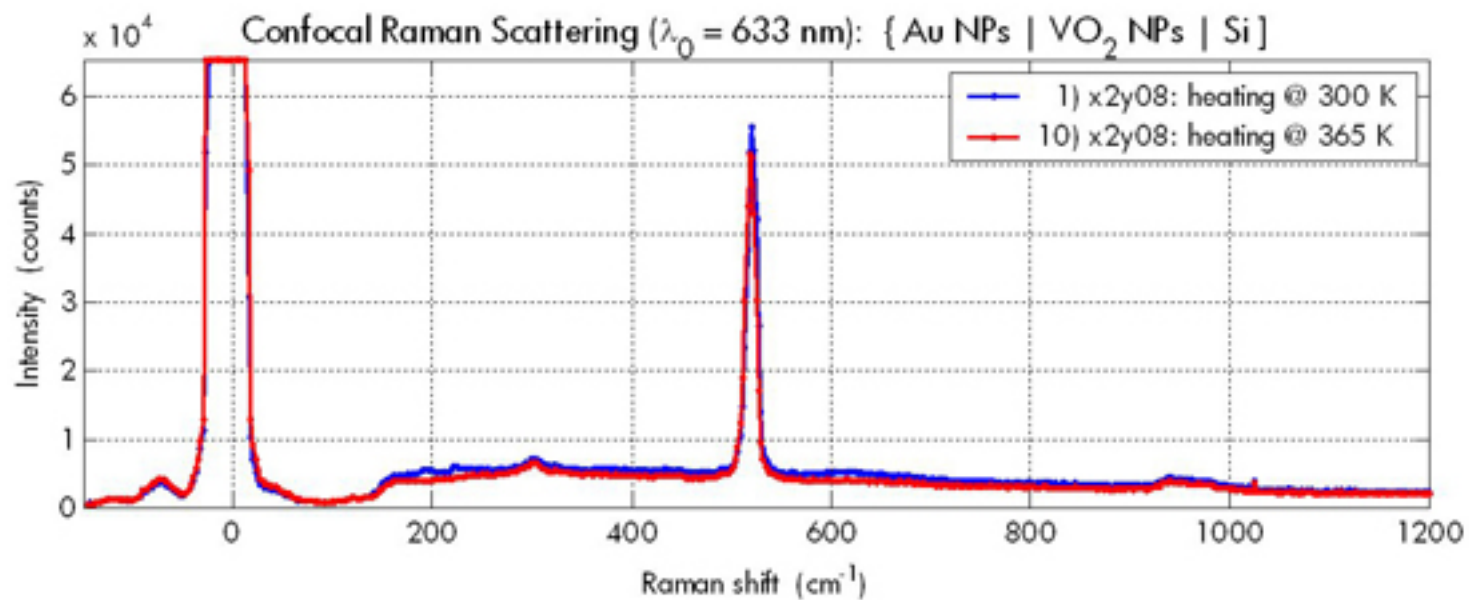
100 nm  
Mag = 100.00 K X

EHT = 10.00 kV  
WD = 7 mm

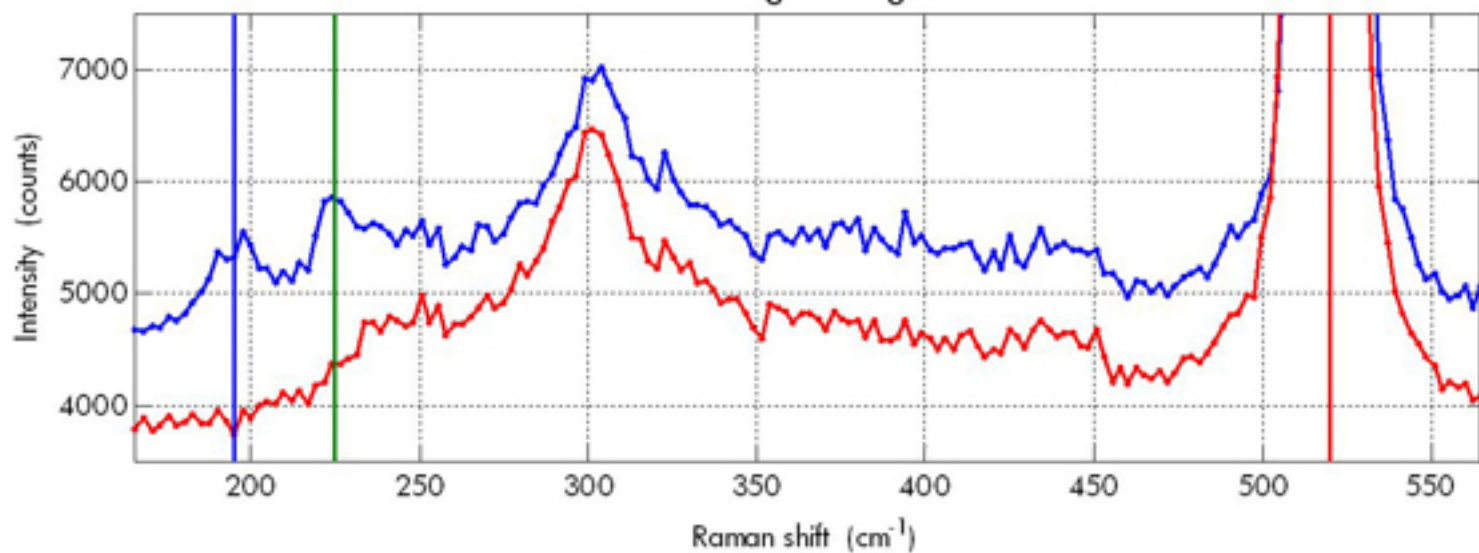
Signal A = InLens

Date :15 May 2008  
Time :11:19:59

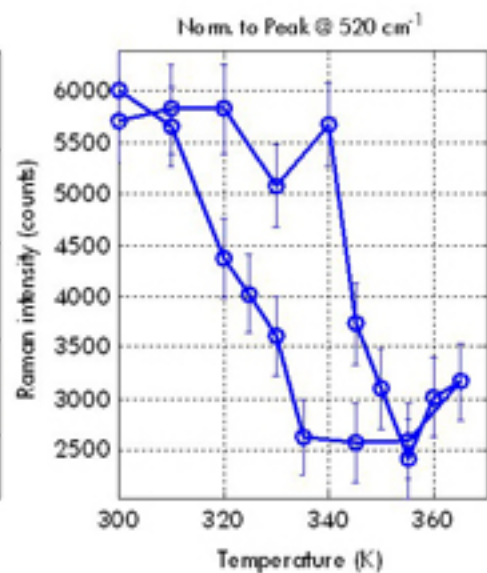
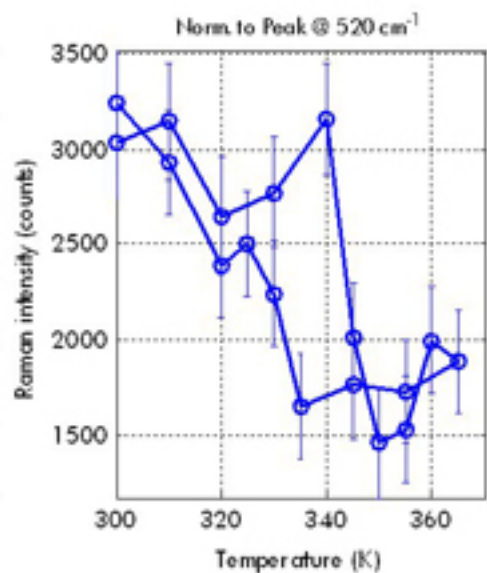
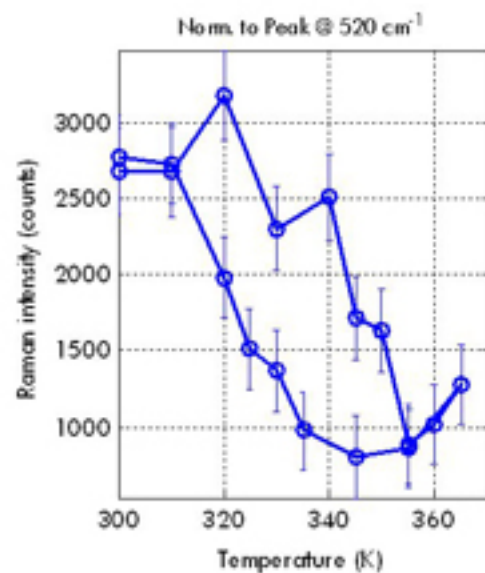
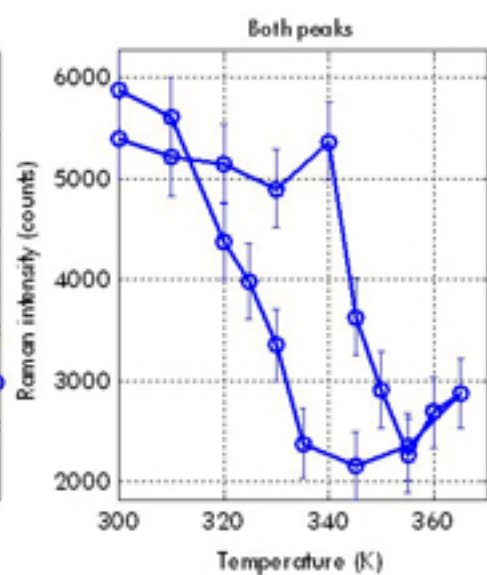
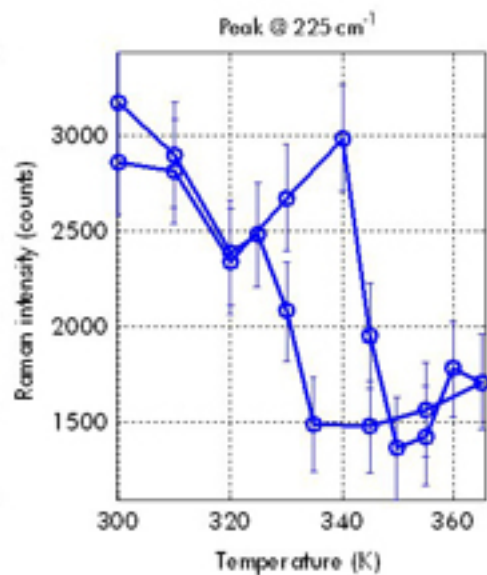
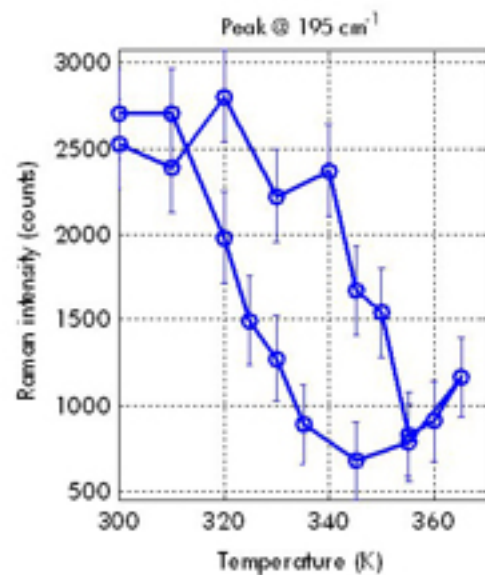
eTiNE



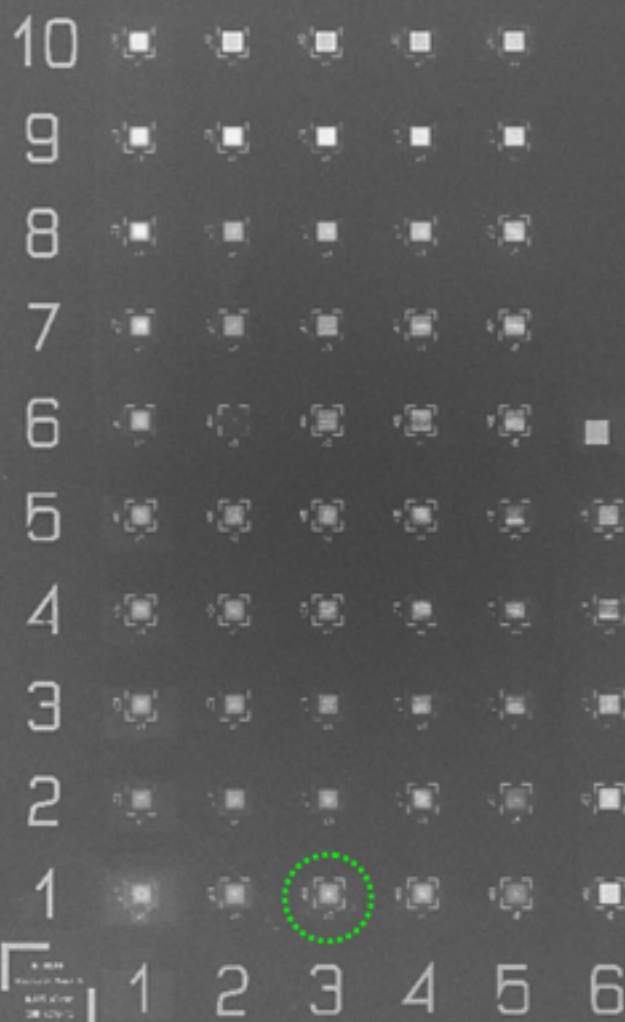
### Enlarged Range







{ Au | VO<sub>2</sub> | Si }



100  $\mu$ m



Mag = 63 X

EHT = 10.00 kV

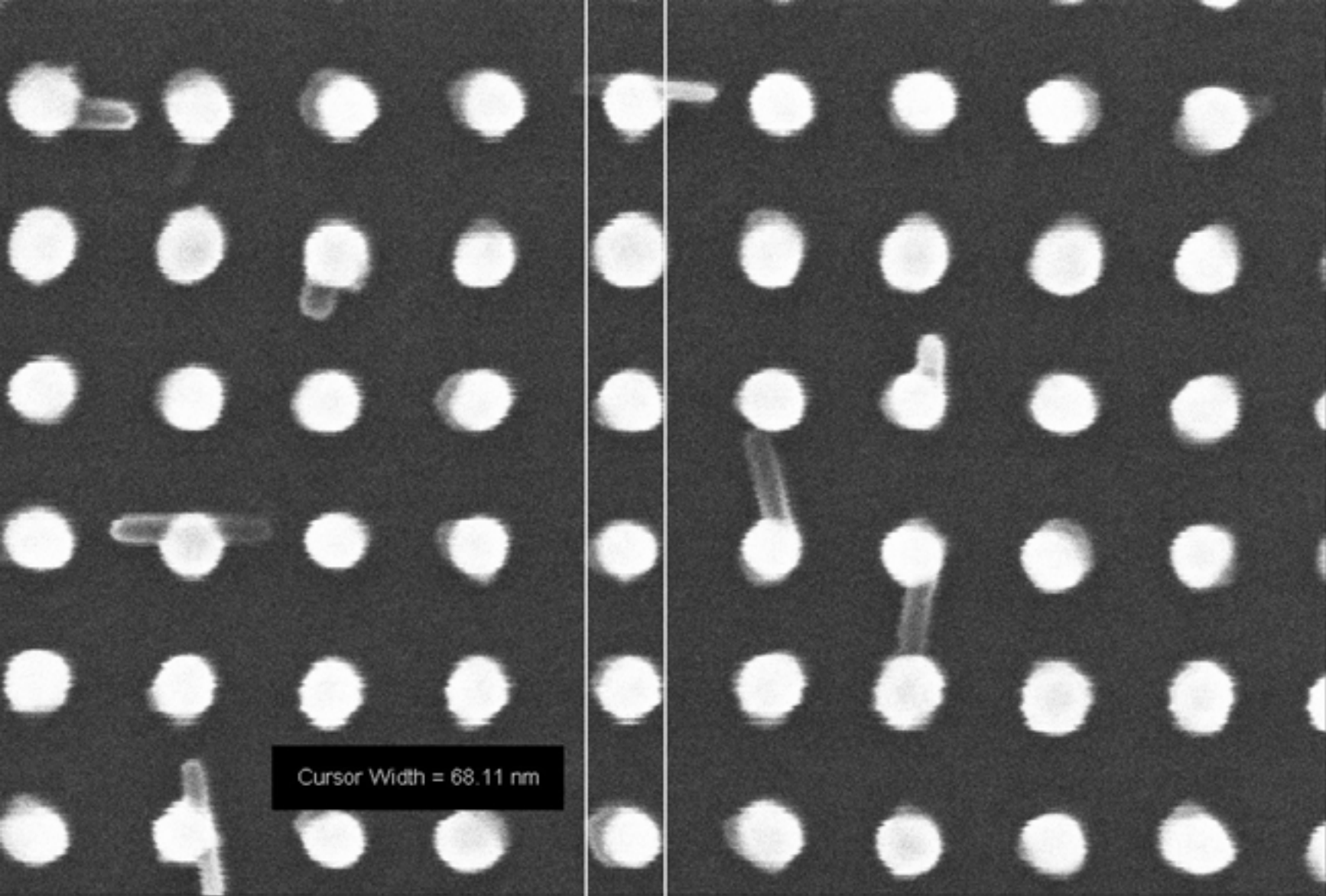
WD = 7 mm

Signal A = InLens

Date : 12 May 2008

Time : 18:19:42

eLINE



Cursor Width = 68.11 nm

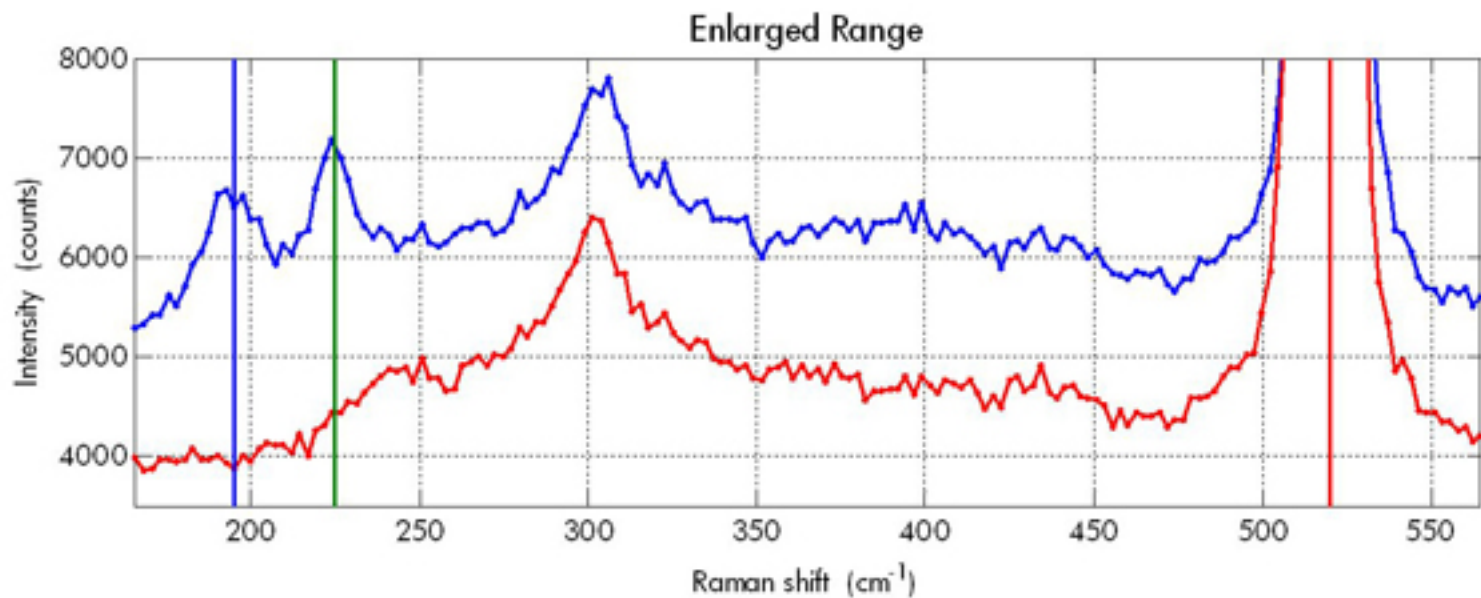
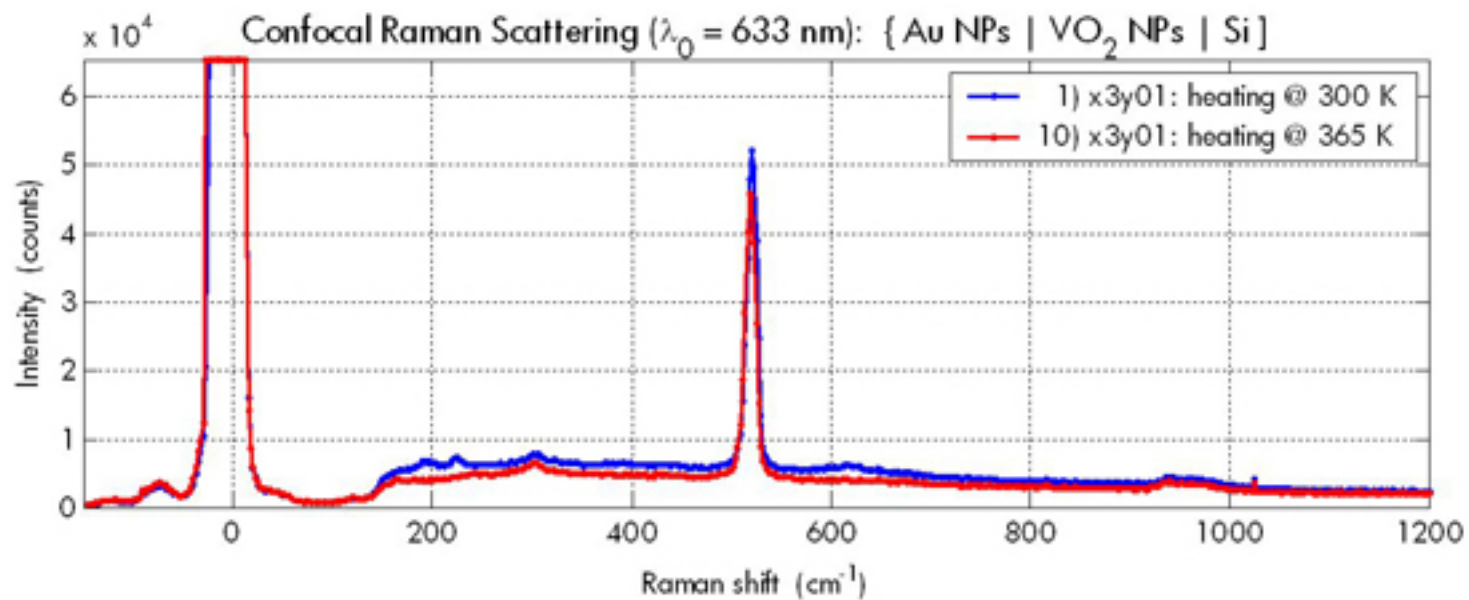
100 nm  
|-----|  
↔ Mag = 100.00 K X

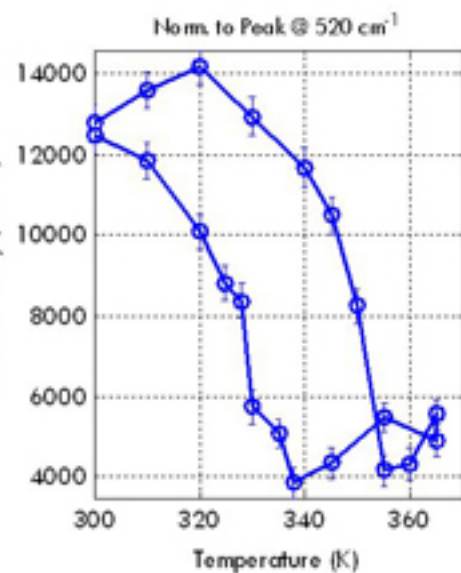
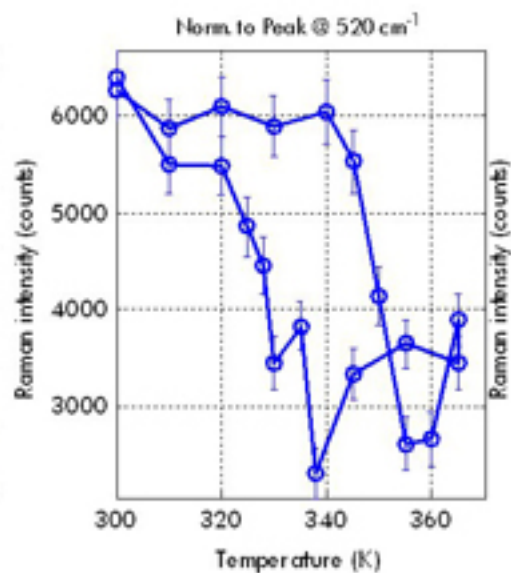
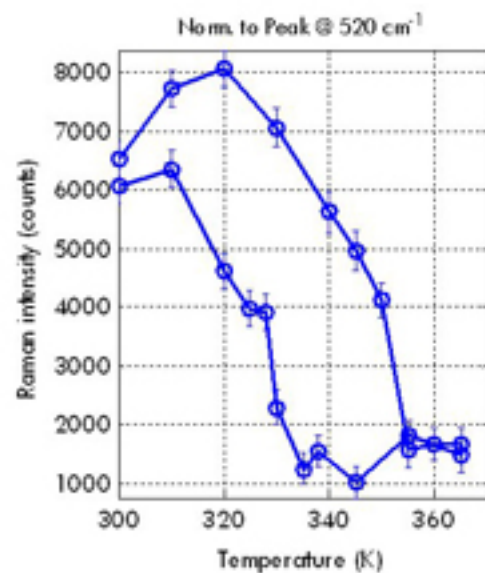
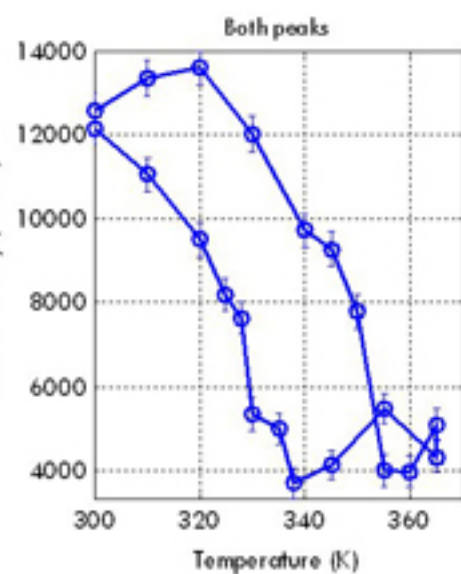
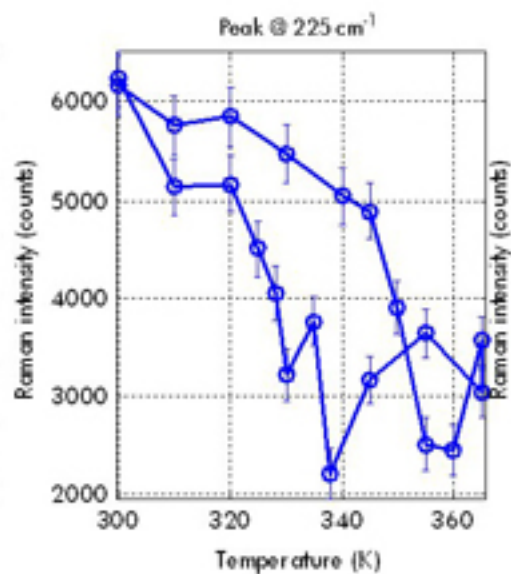
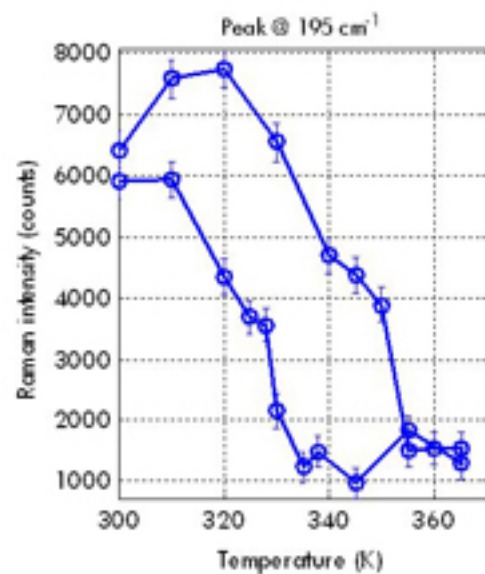
EHT = 10.00 kV  
WD = 7 mm

Signal A = InLens

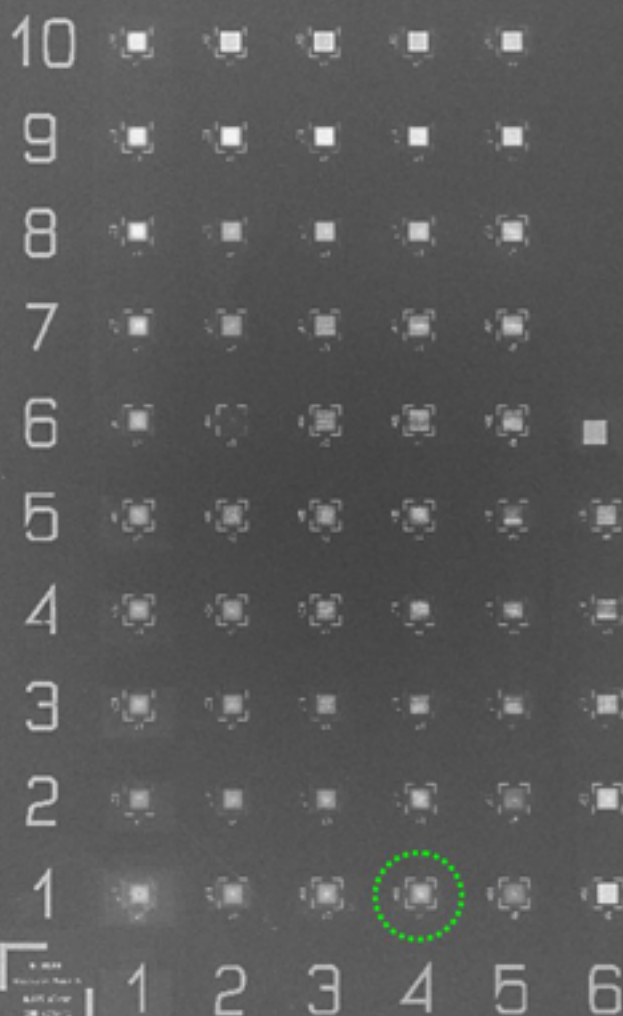
Date :15 May 2008  
Time :12:08:21

eTINE





{ Au | VO<sub>2</sub> | Si }



100 μm



Mag => 63 X

EHT = 10.00 kV

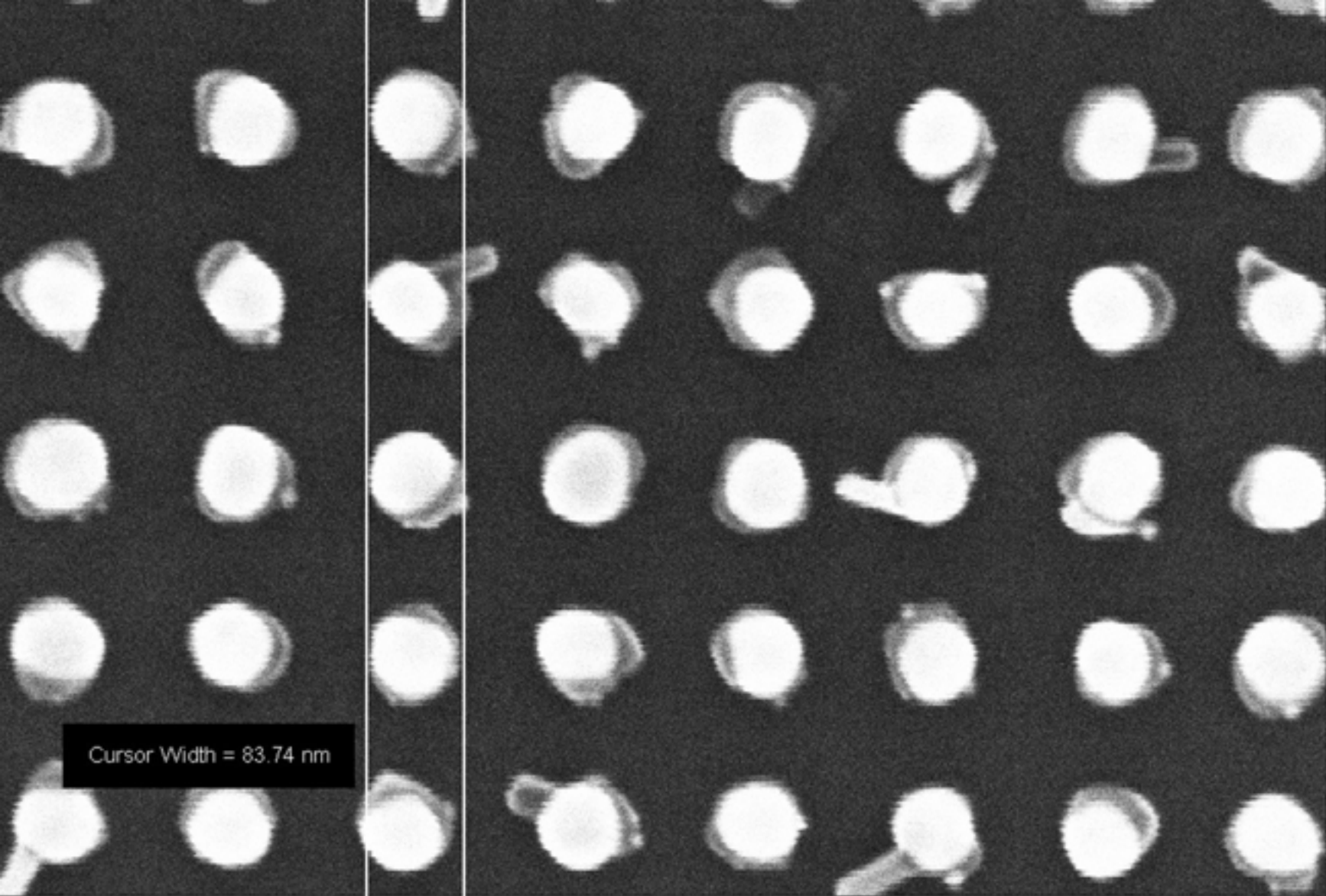
WD = 7 mm

Signal A = InLens

Date : 12 May 2008

Time : 18:19:42

eLINE



Cursor Width = 83.74 nm

100 nm



Mag = 100.00 K X

EHT = 10.00 kV

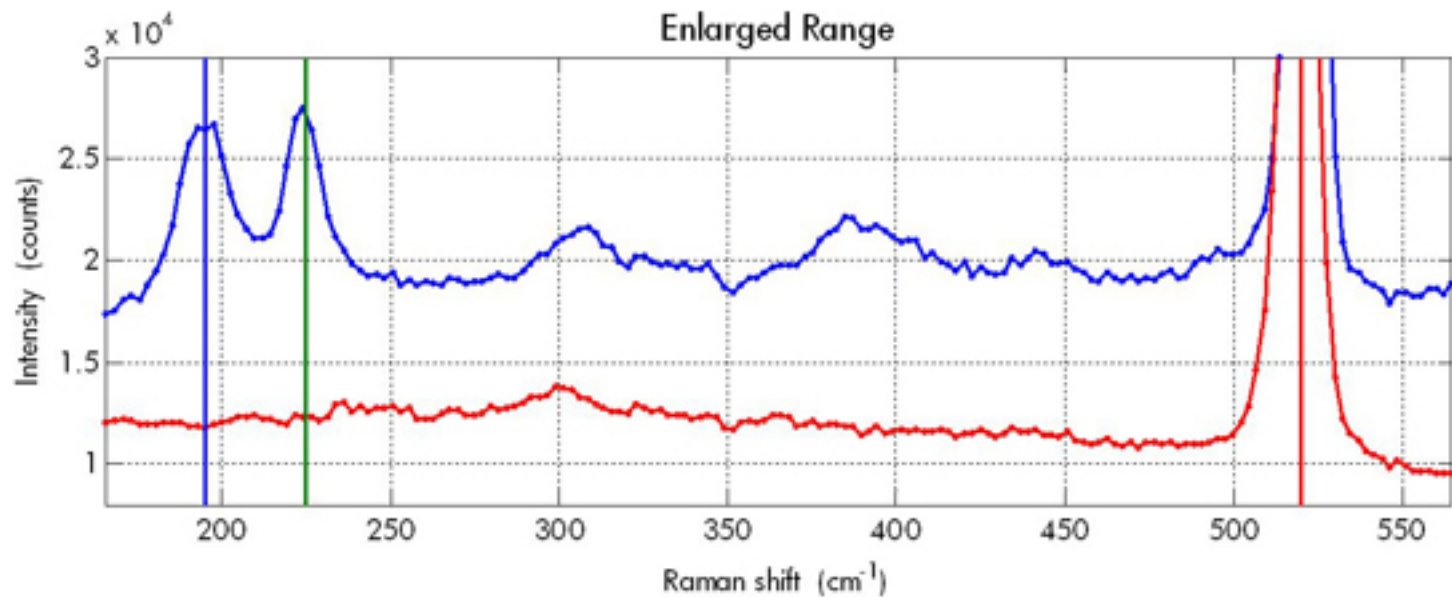
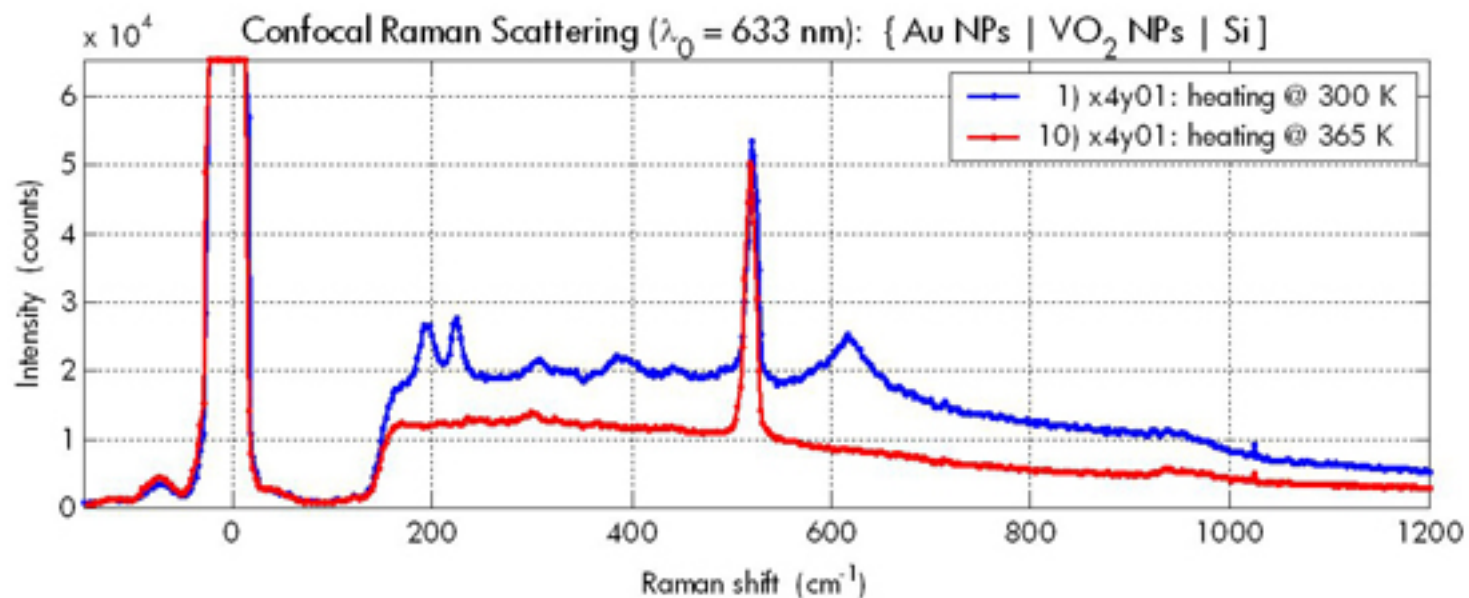
WD = 7 mm

Signal A = InLens

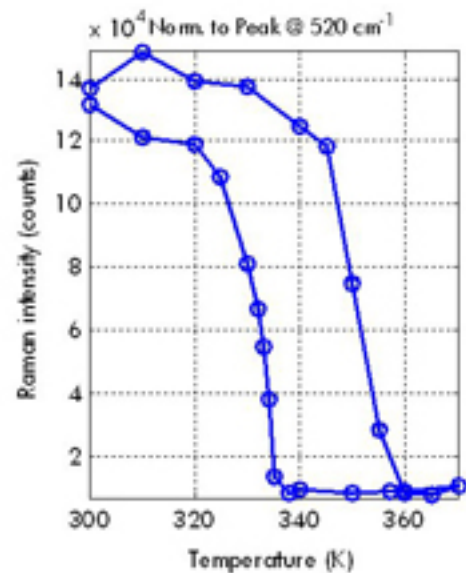
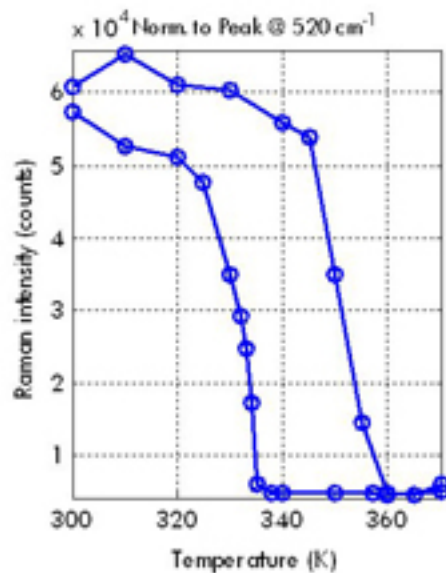
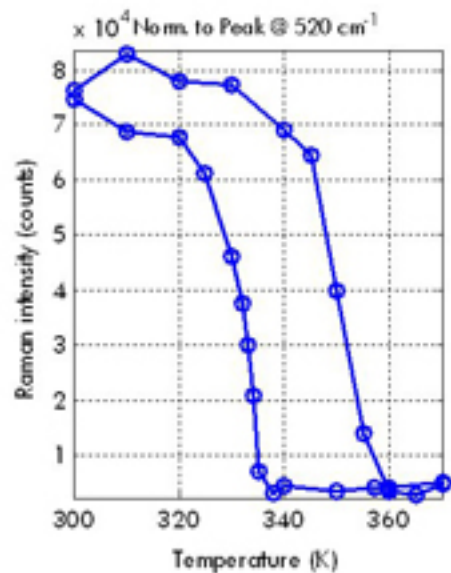
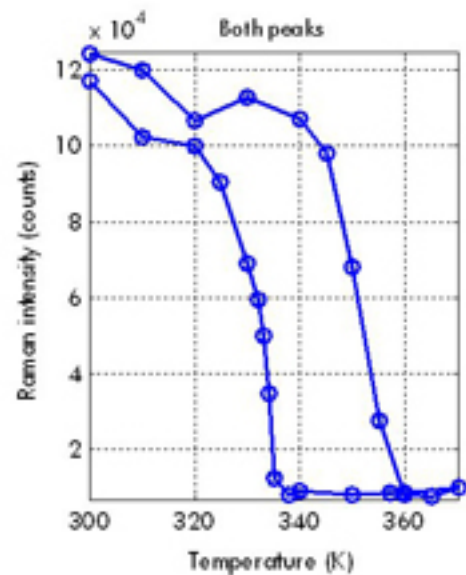
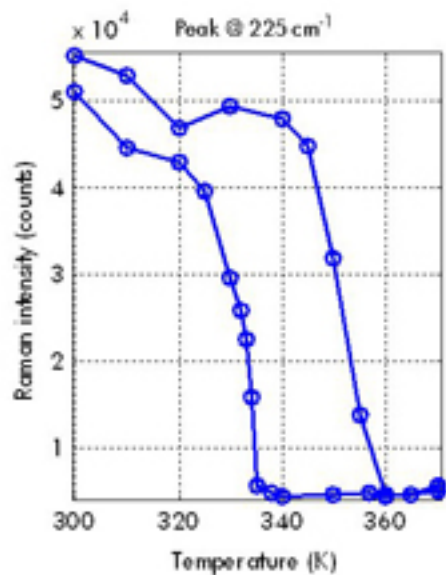
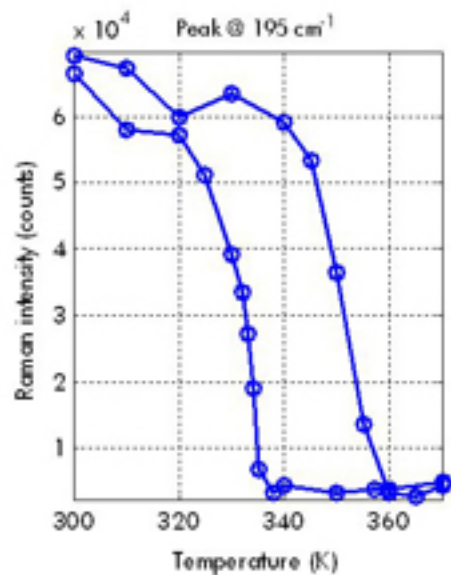
Date :15 May 2008

Time :12:25:12

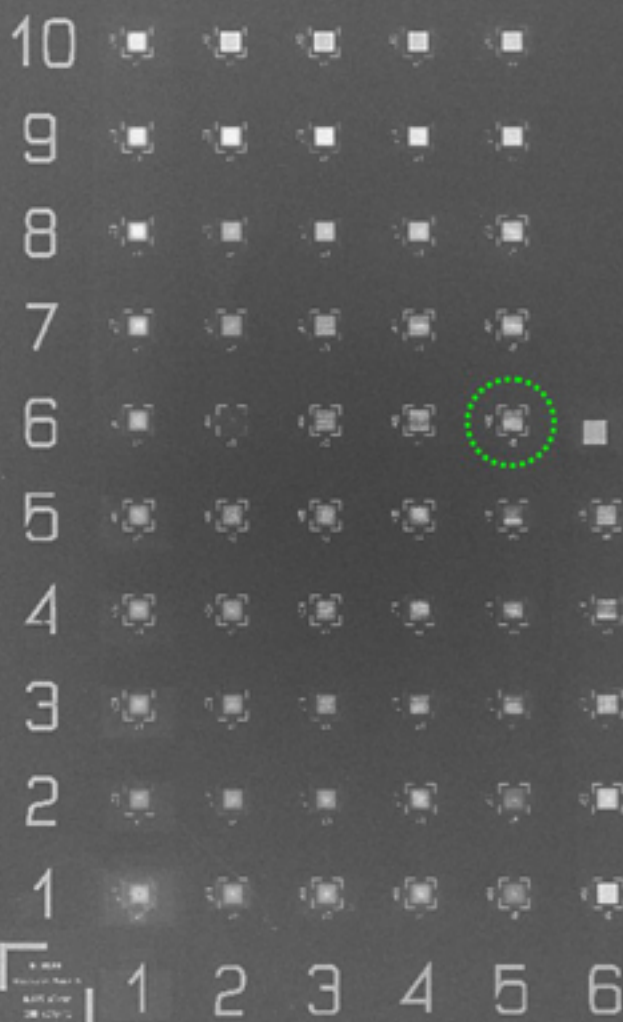
eTINE







{ Au | VO<sub>2</sub> | Si }



100  $\mu$ m



Mag = 63 X

EHT = 10.00 kV

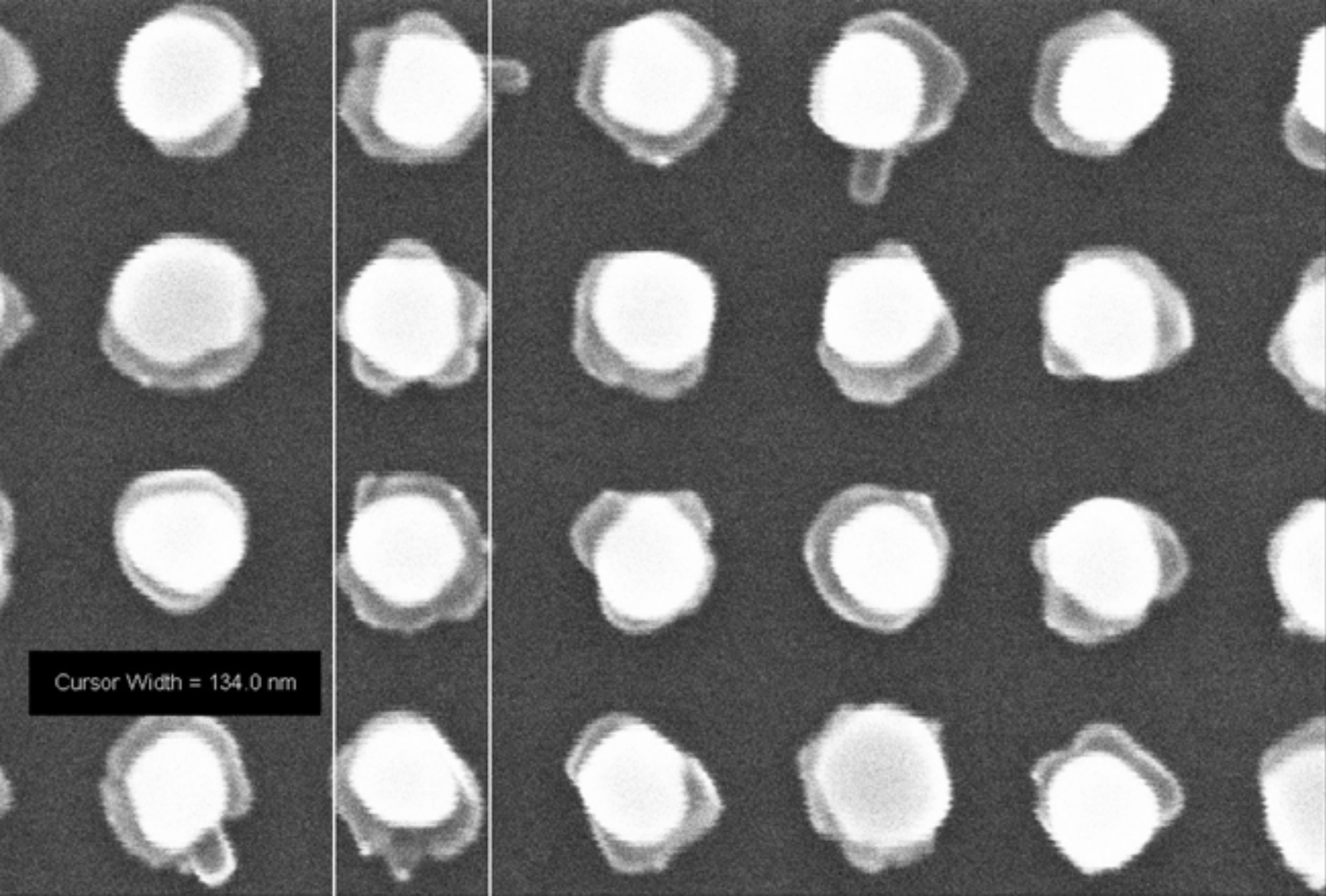
WD = 7 mm

Signal A = InLens

Date : 12 May 2008

Time : 18:19:42

eLINE



Cursor Width = 134.0 nm

100 nm

Mag = 100.00 K X

EHT = 10.00 kV  
WD = 7 mm

Signal A = InLens

Date :15 May 2008  
Time :12:36:36

eTINE

