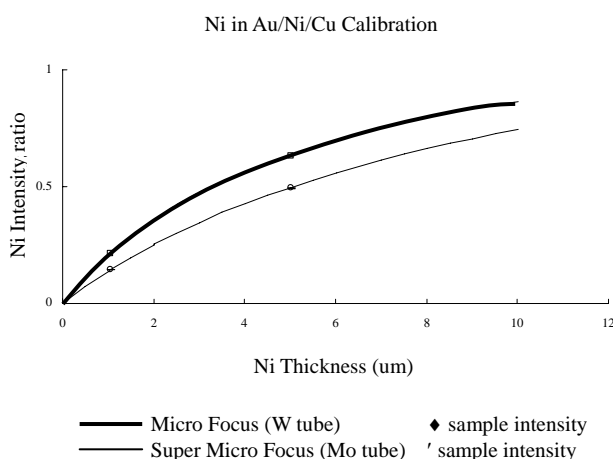
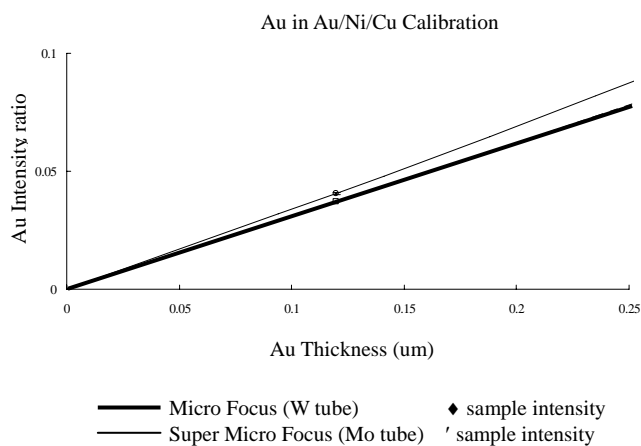


## SFT NO. 7 AUG.2000

## Super Micro Focus Tube 2 middle layer Ni coating measurement

Shown below are results of creating a two-layer calibration curve for Au/Ni/Cu using super micro focus and micro focus X-ray tubes.



The left-hand figure is a calibration curve of the surface Au layer and the right-hand figure is a calibration curve of the Ni layer. The results show there is about 10% more dispersion in the Ni layer using the super micro focus X-ray tube than using the micro focus X-ray tube. In other words, a dispersion of 0.1 um would be shown as 0.11 um using the super micro focus.