

Microtomography experimental setup data sheet

|   |  |  |  |
|---|--|--|--|
| Experiment Number                       | MA639  |  |  |
| Users                                   | I.Sinclair; A.Moffat; M.Mavrogordato; P.Wright; M.Spearing |  |  |
| Date of Experiment                      | 25/01/2010   |  |  |
| Beamline                                | Id19   |  |  |
| Beam mode                               | 2*1/3 MVVT   |  |  |
| FReLon                                  | 2k14HD   | <input type="checkbox"/> Binning               | <input checked="" type="checkbox"/> No binning   |
| Optics                                  | 1.4  |  | μm   |
| Multilayer                              | RuB4C/4nm  |  |  |
| Energy                                  | 20.5   |  | keV  |
| <input type="checkbox"/> Wiggler        | <input checked="" type="checkbox"/> U32u                   | <input type="checkbox"/> U32d                  | <input type="checkbox"/> U17.6                   |
| Gap                                     | 13.95  |  | mm   |
| Filter                                  | 1mm Al + 1mm Si  |  |  |
| Sample/detector distance                | 37   |  | mm   |
| Exposure time                           | 0.15   |  | s  |
| nref                                    | 250  |  |  |
| No. refs                                | 20   |  |  |
| No. of Projections                      | 1500   |  |  |
| Shutter                                 | 8x8  |  |  |
| Scan duration                           | 10min  |  |  |
| No. of darks                            | 20   |  |  |
| Microtomo                               | HR   |  |  |
| <input checked="" type="checkbox"/> FFM | <input type="checkbox"/> FTM                               | <input checked="" type="checkbox"/> Continuous | <input checked="" type="checkbox"/> Step-by-step |

Comments/Problems during the experiment: