

## **SDC2**

### **Micro CT settings:**

Case 4 (53 minutes; 800 projections;  $av = 3$ ;  $skip = 1$ ;  $timing = 500$  mS); case 6 (66 minutes; 1000 projections;  $av = 3$ ;  $skip = 1$ ;  $timing = 500$  mS); control (57 minutes; 1500 projections;  $av = 2$ ;  $skip = 0$ ;  $timing = 500$  mS); case 5 (2 scans for 79 minutes each; 2000 projections;  $av = 2$ ;  $skip = 0$ ;  $timing = 500$  mS). Volume reconstruction was performed using Phoenix datos|x reconstruction software (GE Sensing & Inspection Technologies). The two separate volume files for case 5 were merged using Avizo (FEI).