# University of Texas High-Resolution X-ray CT Facility Archive

**Kirk:**

**teethD**: Scan of three teeth (TMM 44053-66, TMM 44053-355, and TMM 44053-358) for Chris Kirk of UT Anthropology. Specimens scanned by Jessie Maisano 21 October 2021. See key for IDs.

scan parameters: Zeiss. Flat panel, 80kV, 10W, 0.07s acquisition time, 5 samples per view, detector 252.346 mm, source -18.863 mm, XYZ [-233, -32465, -165], camera bin 1, angles ±180, 2401 views, LE3 filter, dithering, multi reference. Reconstructed with center shift -2.572, beam hardening 0.3, theta 0, byte scaling [-0.002, 0.03], binning 1, recon filter smooth (kernel size = 0.7). Total slices = 1395.

**teethD**: Xradia recipe with scan parameters.

**16bit:** 16bit TIFF images reconstructed by Xradia Reconstructor. Voxels are 5.20 microns.

**8bitjpg:** 8bit jpg version of the reconstructed images.