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

**Kirk:**

**teethI**: Scan of three teeth (UW 14209, UW 15242 and UW 12431; see key for locations) for Chris Kirk of UT Anthropology. Specimens scanned by Jessie Maisano 5 November 2021.

scan parameters: Zeiss. Flat panel, 80kV, 10W, 0.05s acquisition time, 5 samples per view, detector 252.373 mm, source -15.367 mm, XYZ [0, -34999, 32], camera bin 1, angles ±180, 2401 views, LE3 filter, dithering, multi reference. Reconstructed with center shift -2.478, beam hardening 0.5, theta 0, byte scaling [-0.001, 0.014], binning 1, recon filter smooth (kernel size = 0.7). Total slices = 1442.

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

**16bit:** 16bit TIFF images reconstructed by Xradia Reconstructor. Voxels are 4.29 microns.

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