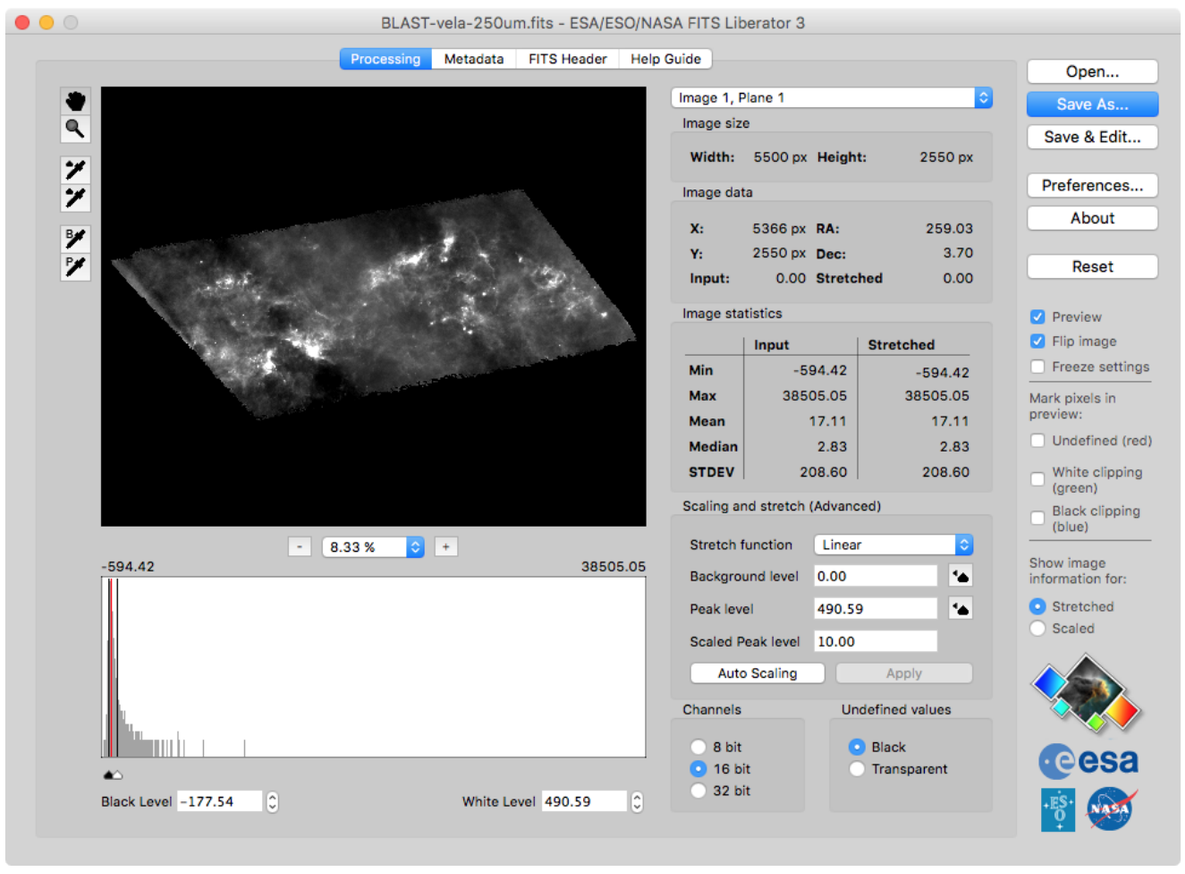
unfold

production example
visual/sound material::observation data

1. Open observation data (.fits)

open FITS file with FITS Liberator or Karma.
This example shows FITS Liberator workflow.

Sample FITS file data:
Name : BLAST-vela-250um.fits
Size: 5500 x 2550px
Parameter min : -594.42
Parameter max : 38505.05

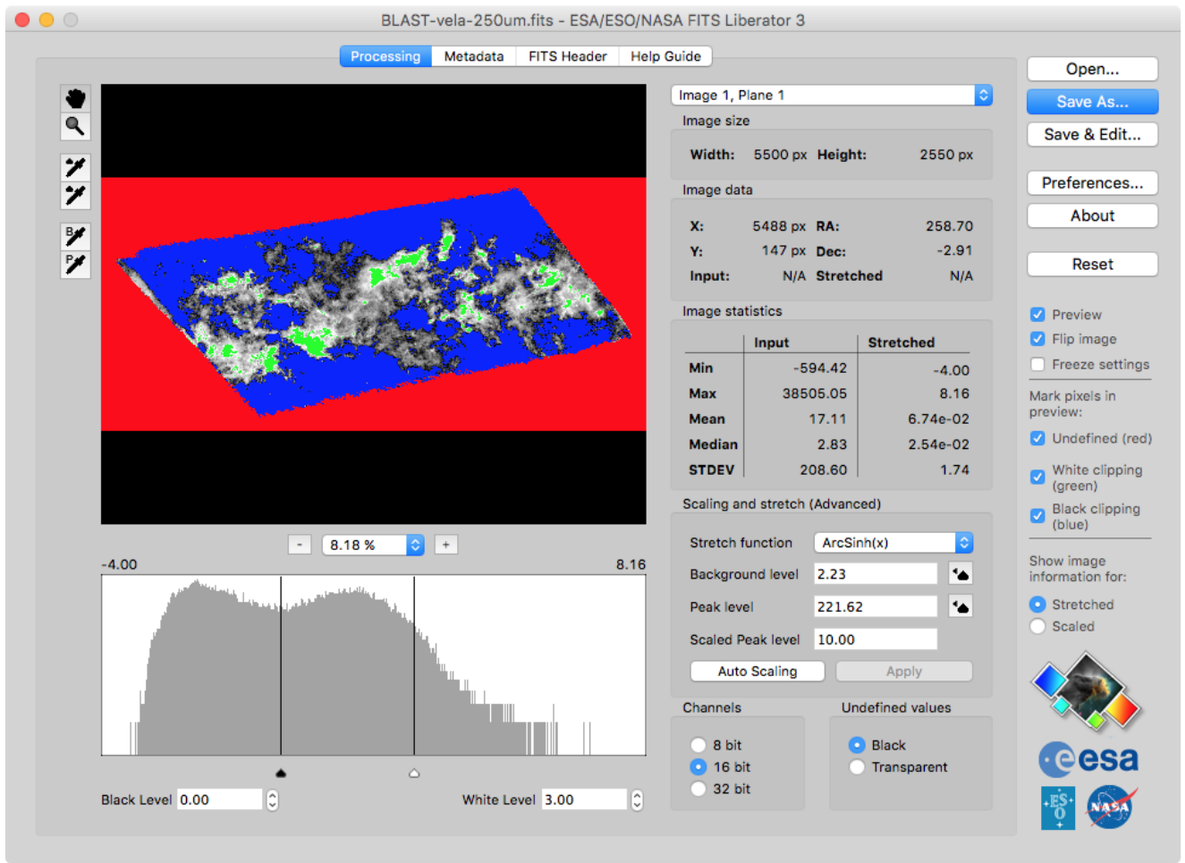


FITS Liberator

2. strech and scaling

Left image show result of ArcSinh strech and scaling.

Red : undefined area
Green : white cliping area
Blue : black clipping area



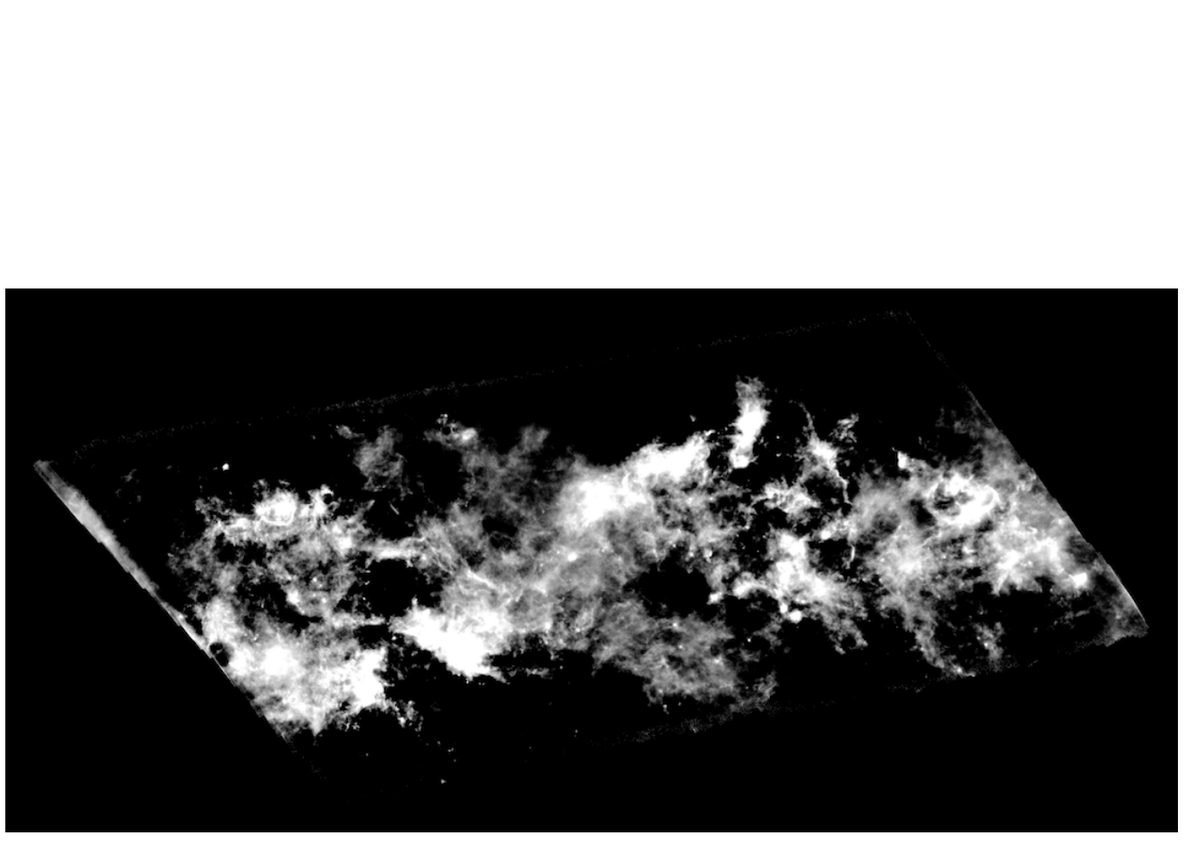
3. Export as TIFF image file

Export image from FITS file.

4. Visual material

Load exported TIFF file to C++ framework.
Then we add various process depending on each data.

Left image shows 5 FITS data visualization with countour detection and noise animation.



6. Sound material

Another example of making sound data from observation data.

FITS -> TIFF -> WAV/AIFF