UVIS Rings Spectroscopy Atlas

The UVIS FUV and EUV channels have 64 X 1024 pixels spatial and spectral pixels each, respectively. For this document a “pixel” refers to the projection of a single pixel onto the ring plane. Due to the motion of the spacecraft during an integration period the projection of the pixel onto the ring plane may vary in location both radially and azimuthally, resulting in a “smeared” projected pixel. An observation typically consists of multiple integration periods, where each set of 64 X 1024 pixels of data constitute a single data record. For example an observation with 10 data records consists of 64 X 1024 X 10 pixels of data. Some observations were designed where the spectra were binned. For example spectral binning equal to 2 with 10 data records results in 64 X 512 X 10 separate pixels of data. The figures containing an axis or axes in units of Rs are in units of the dynamical radius of Saturn, which is 60330 km.

Incidence, emission, and phase angles range from 0°-180°, with 0° normal to the ring plane in the Saturn North Pole direction.

Top left: Projection of each smeared pixel for all data records in ring plane looking down on Saturn North pole with Sun to the left. The color code is rainbow from IDL color palette 13 and is normalized with violet and red corresponding to the lowest and highest count rates, respectively.

Top center: Example of the movement of a single projected pixel from start to finish of the integration period.

Middle left: Distance of the spacecraft from the ring plane for each projected pixel for all data records plotted against the radial location of the center of the projected pixel at the middle of the integration period.

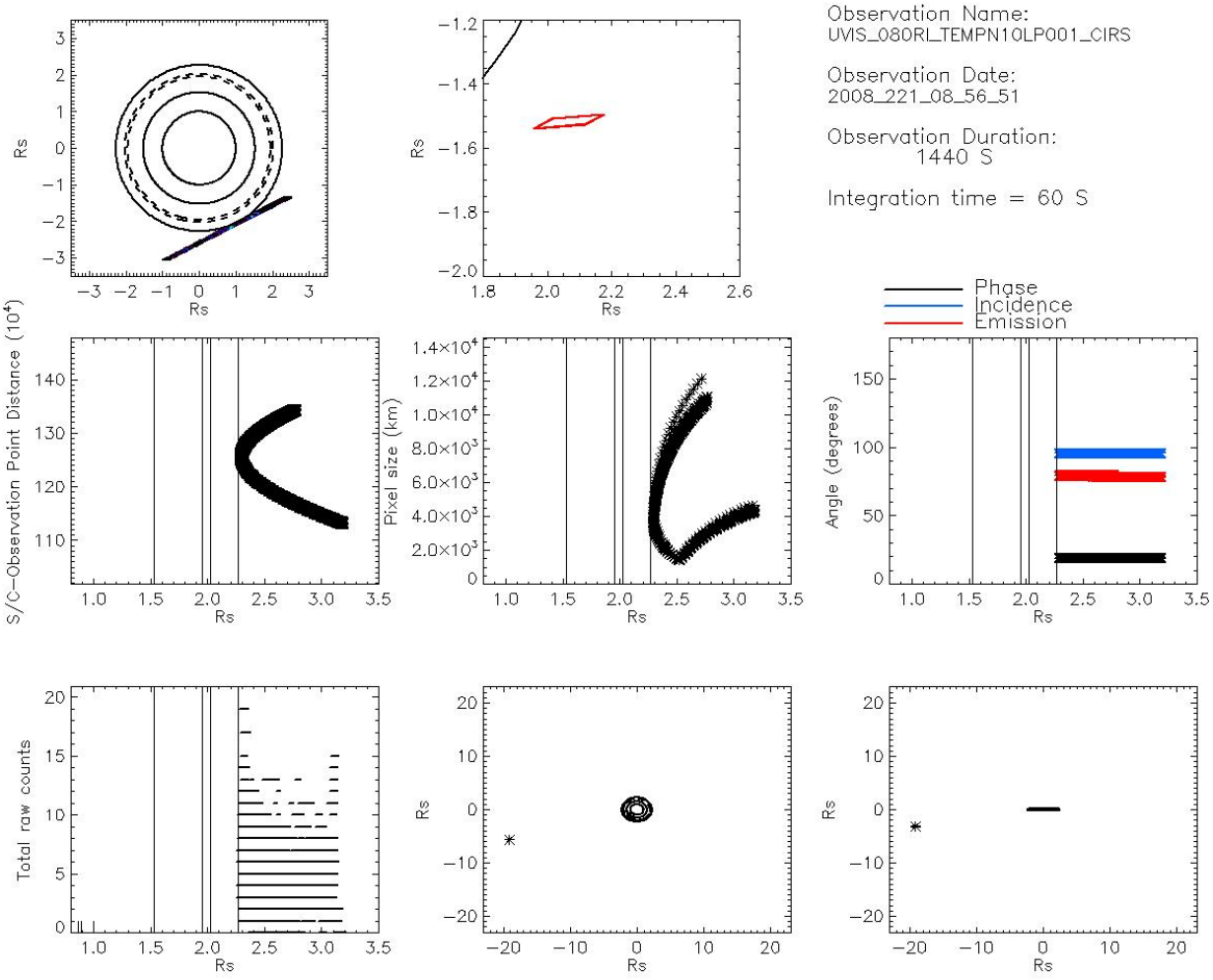
Middle center: Maximum projected smeared pixel size for all data records plotted against the radial location of the projected pixel at the middle of the integration period.

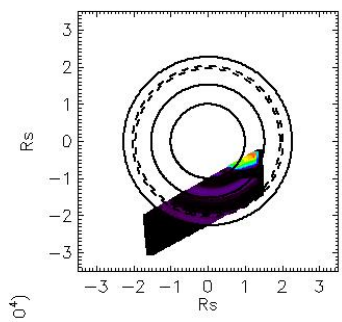
Middle right: Phase, incidence, and emission angles for each pixel for all data records at the middle of the integration period.

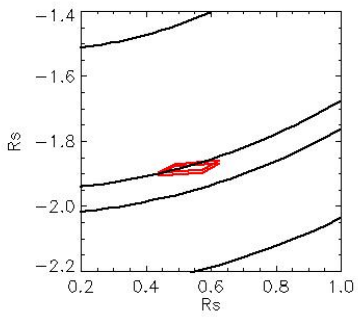
Bottom left: Total raw counts from 175.2 – 189.8 nm for each pixel for all data records.

Bottom center: Location of spacecraft throughout an observation looking down on Saturn North Pole with the Sun to the left.

Bottom right: Location of spacecraft throughout an observation looking in the equatorial plane with the Sun to the left.


Observation Name:
UVIS_080RI_TEMPN10LP001_CIRS
Observation Date:
2008_221_08_56_51
Observation Duration:
1440 S
Integration time = 60 S
Phase
Incidence
Emission
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts
Rs



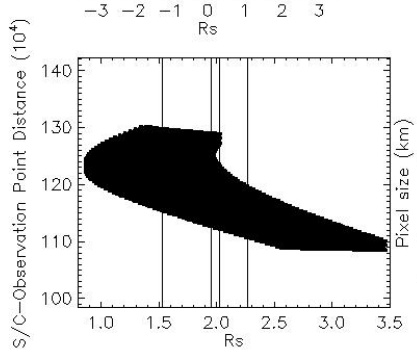


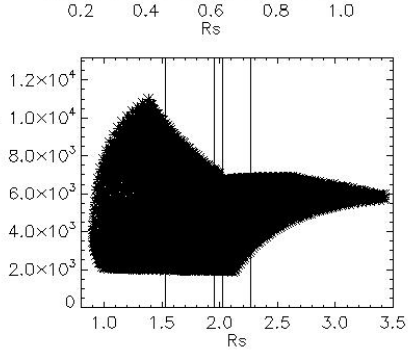
Observation Name:
UVIS_080RI_TEMPN10LP001_CIRS

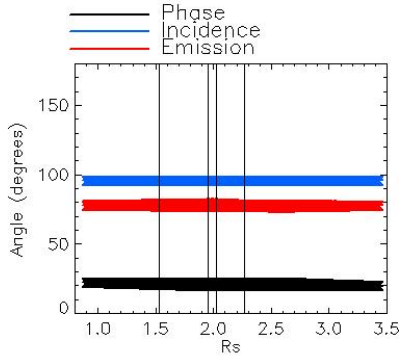
Observation Date:
2008_221_09_25_51

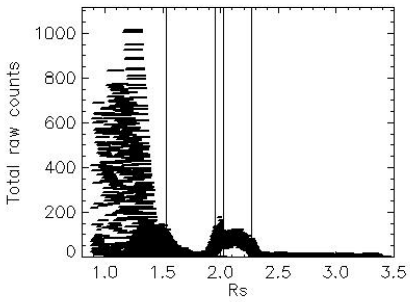
Observation Duration:
8520 S

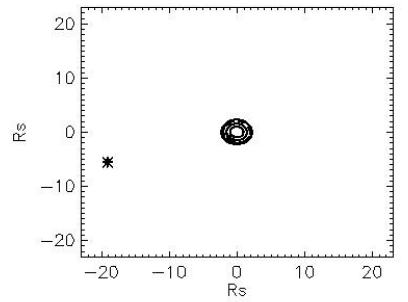
Integration time = 60 S

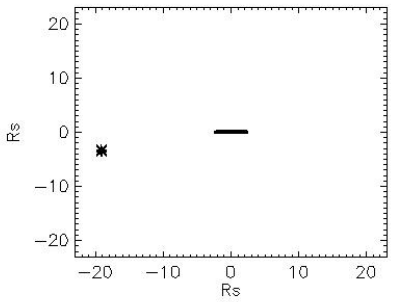


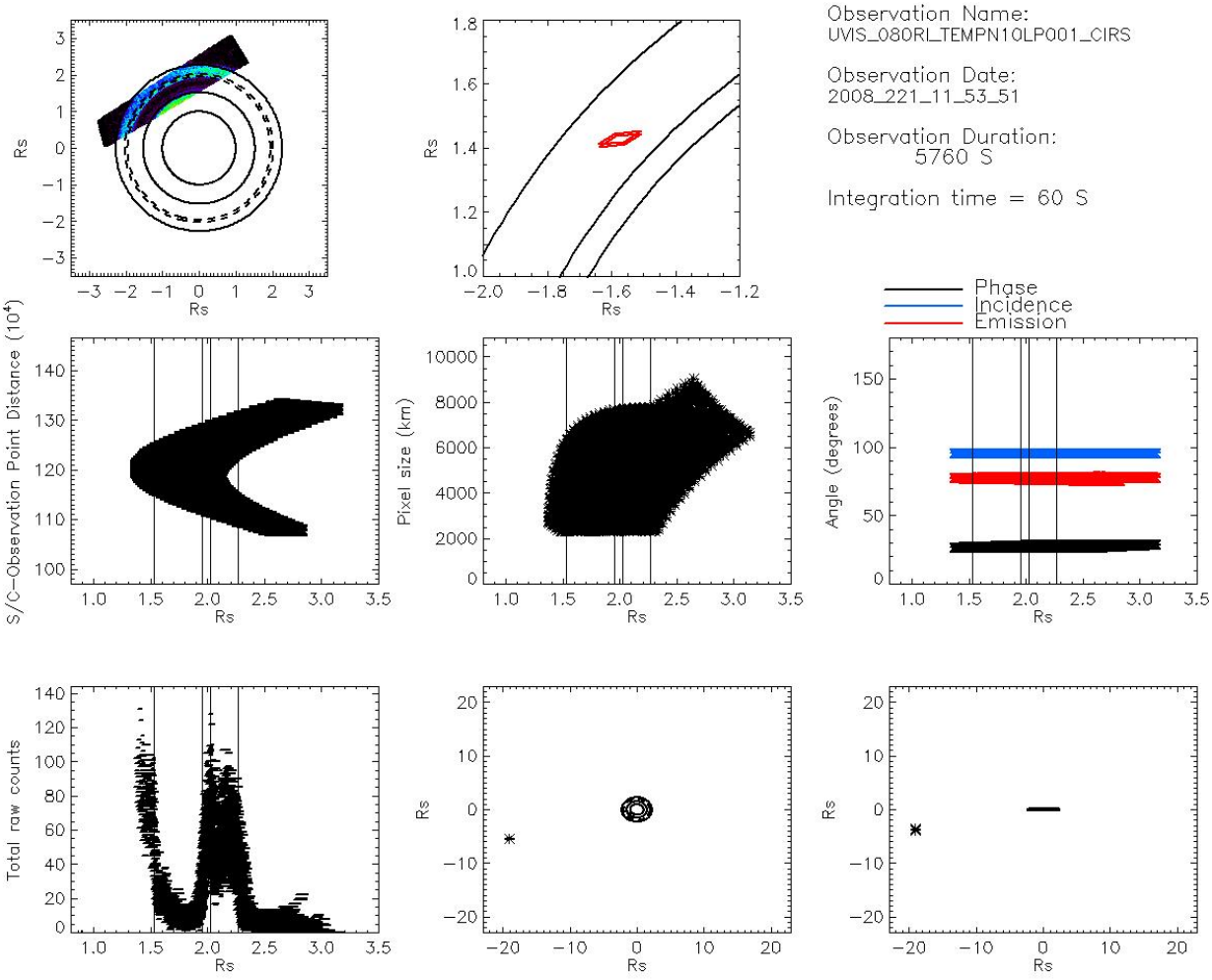


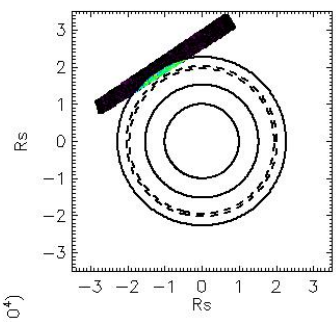


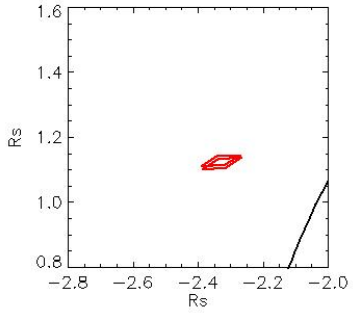







Observation Name:
UVIS_080RI_TEMPN10LP001_CIRS
Observation Date:
2008_221_11_53_51
Observation Duration:
5760 S
Integration time = 60 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts



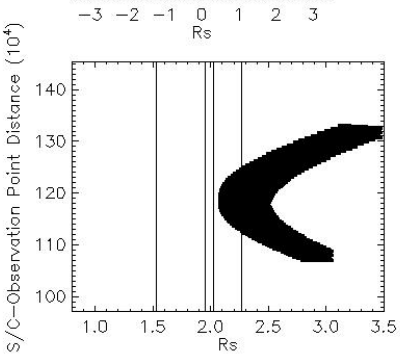


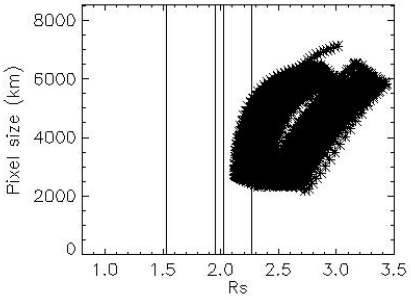
Observation Name:
UVIS_080RI_TEMPN10LP001_CIRS

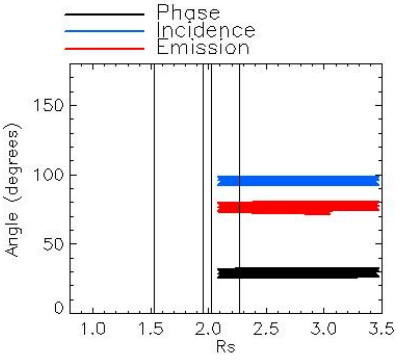
Observation Date:
2008_221_13_30_51

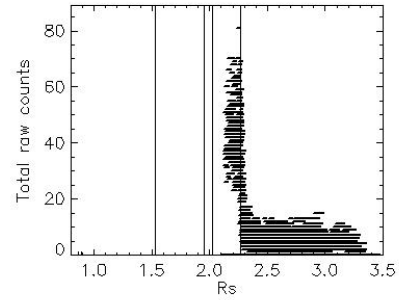
Observation Duration:
2700 S

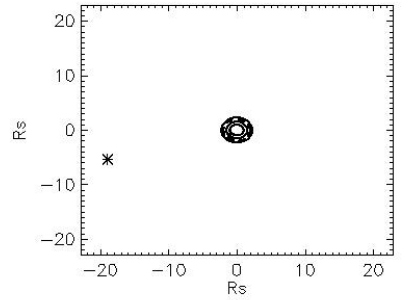
Integration time = 60 S

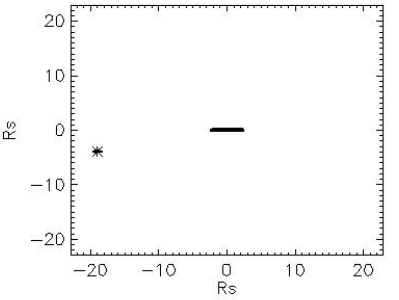


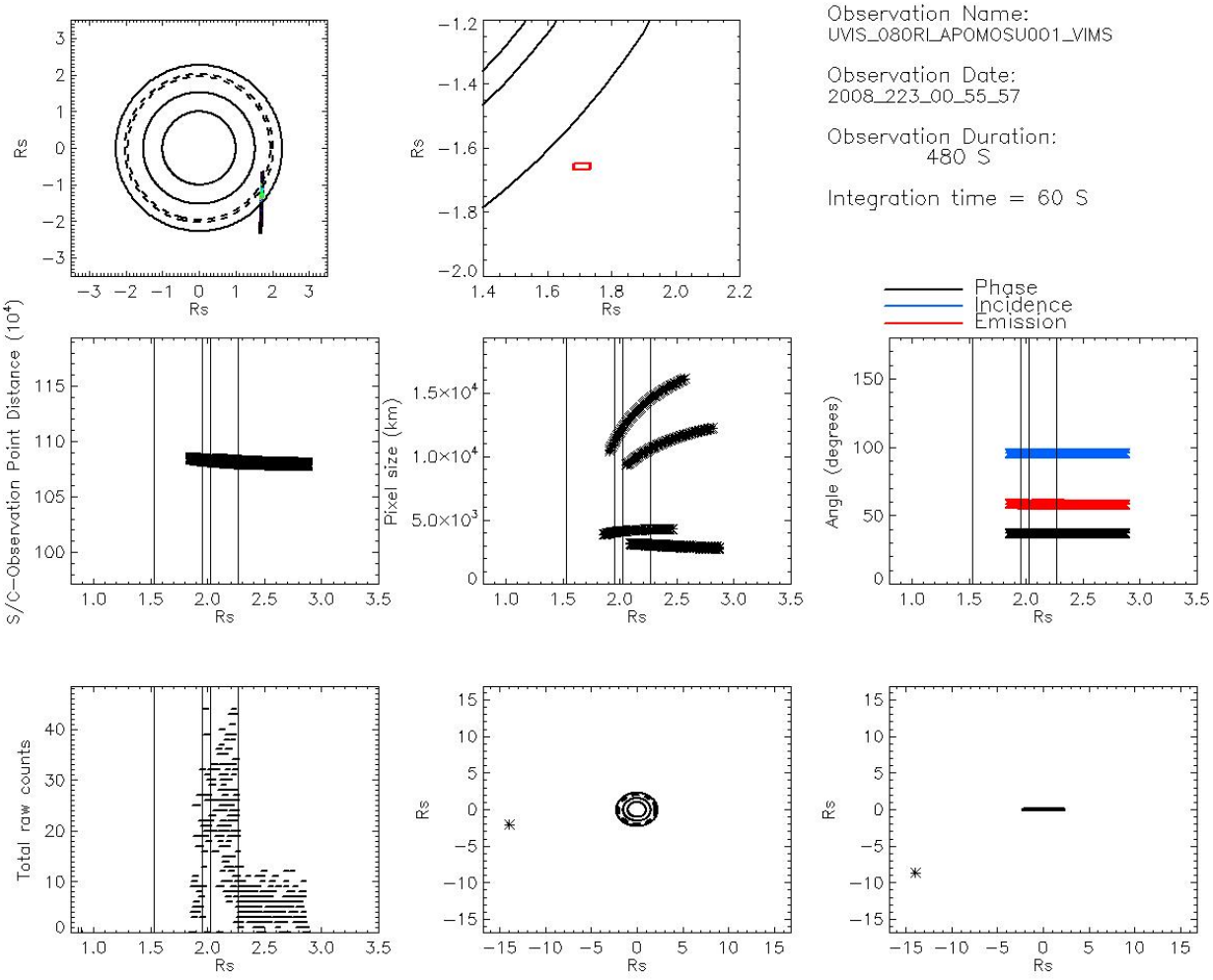


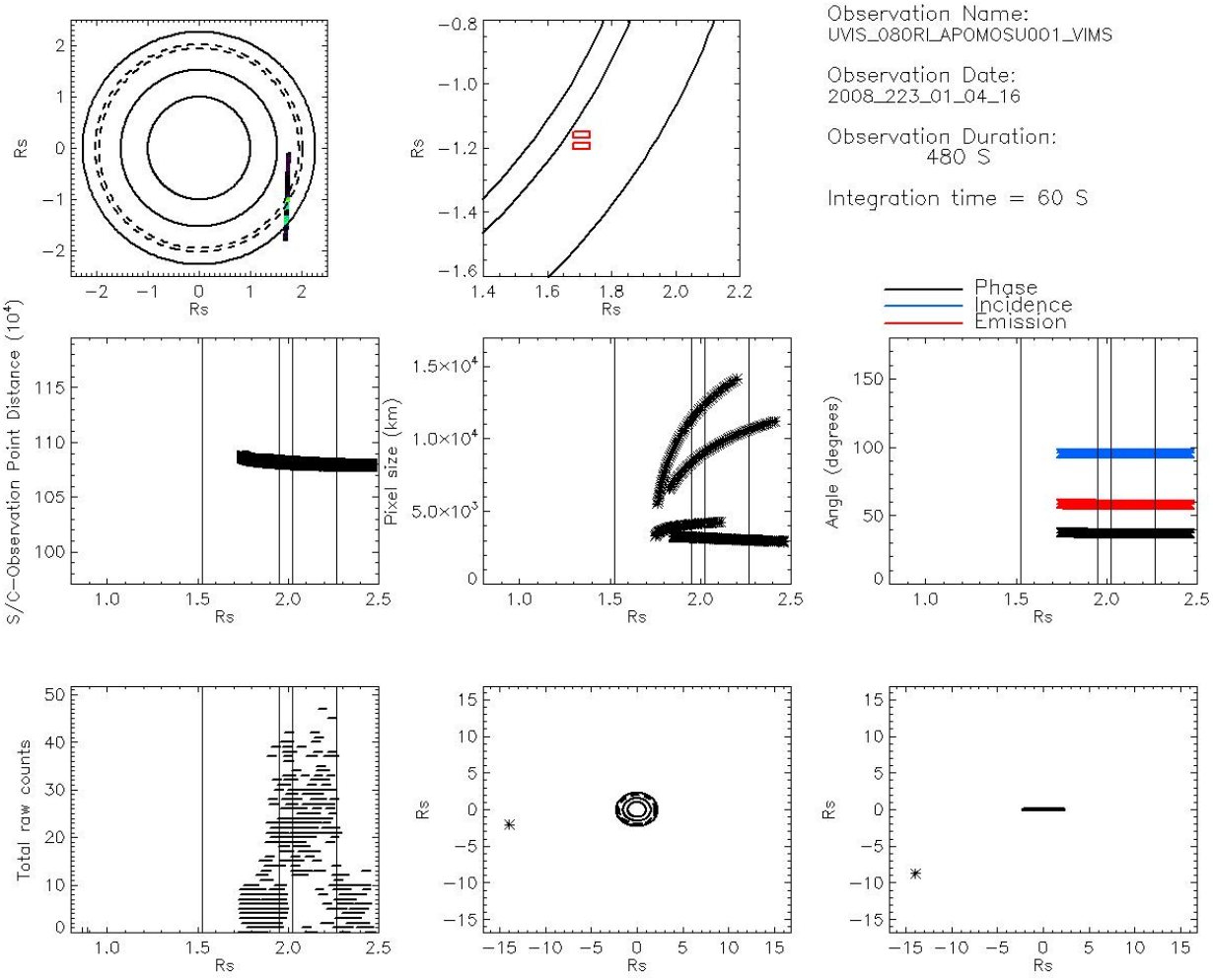


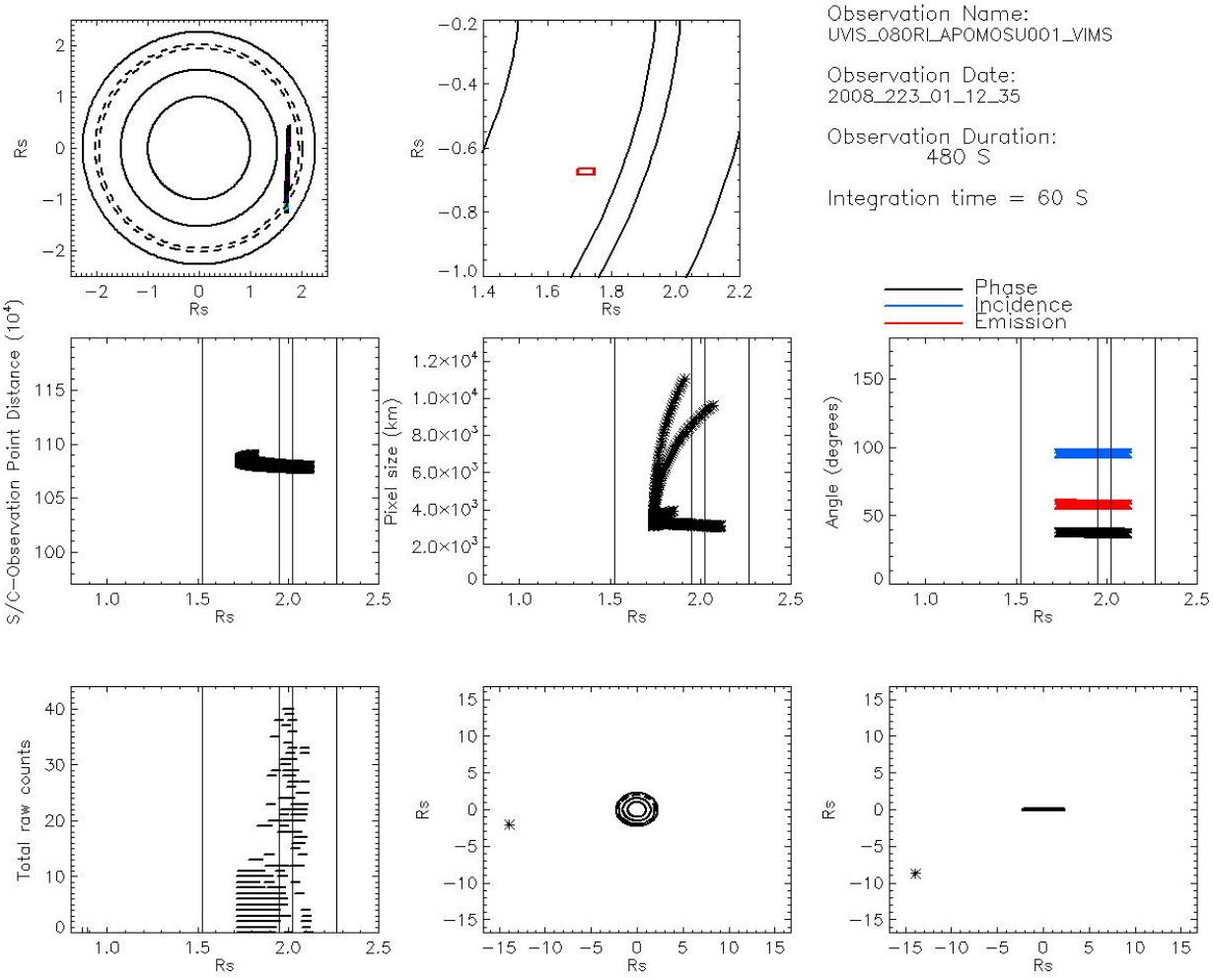


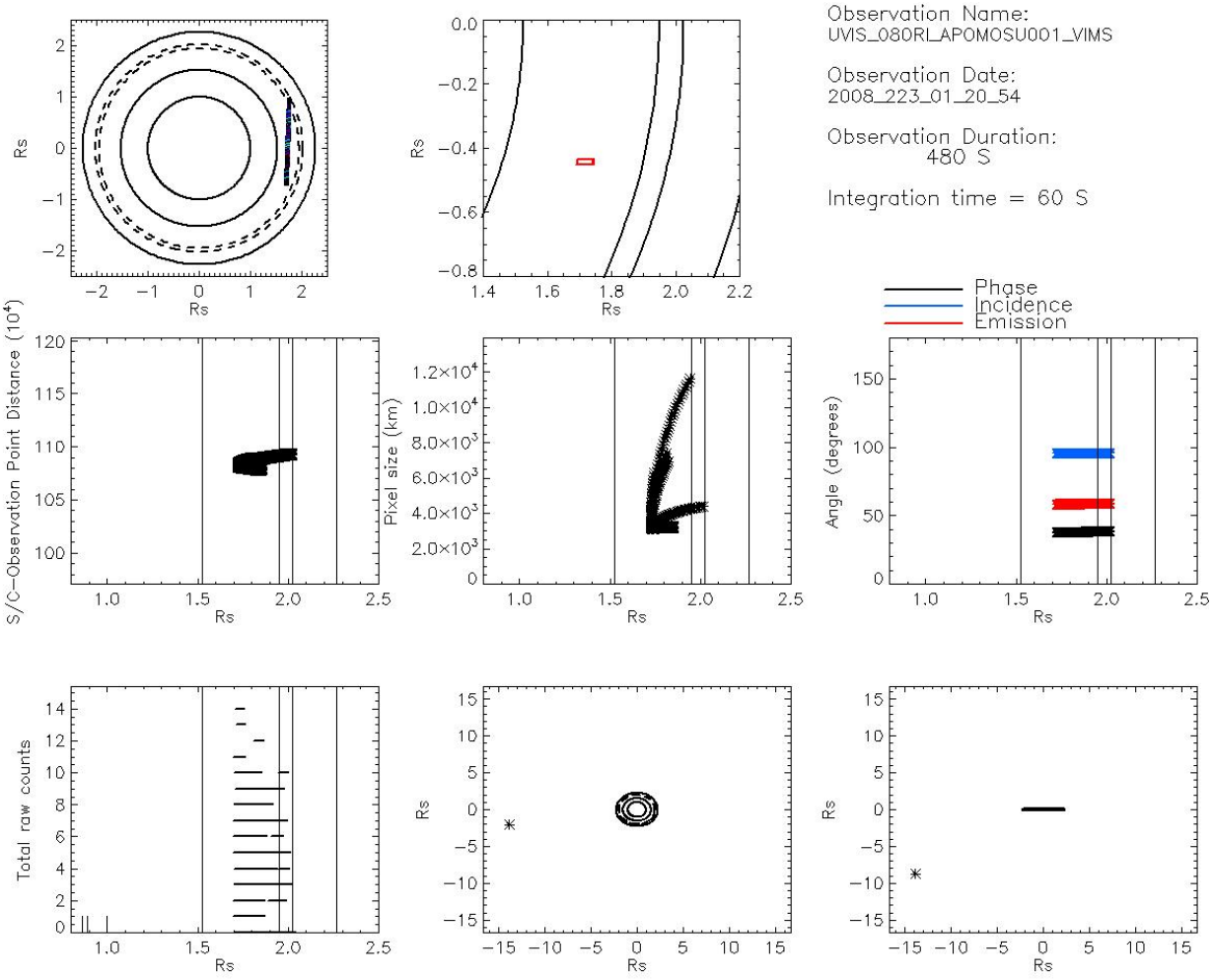


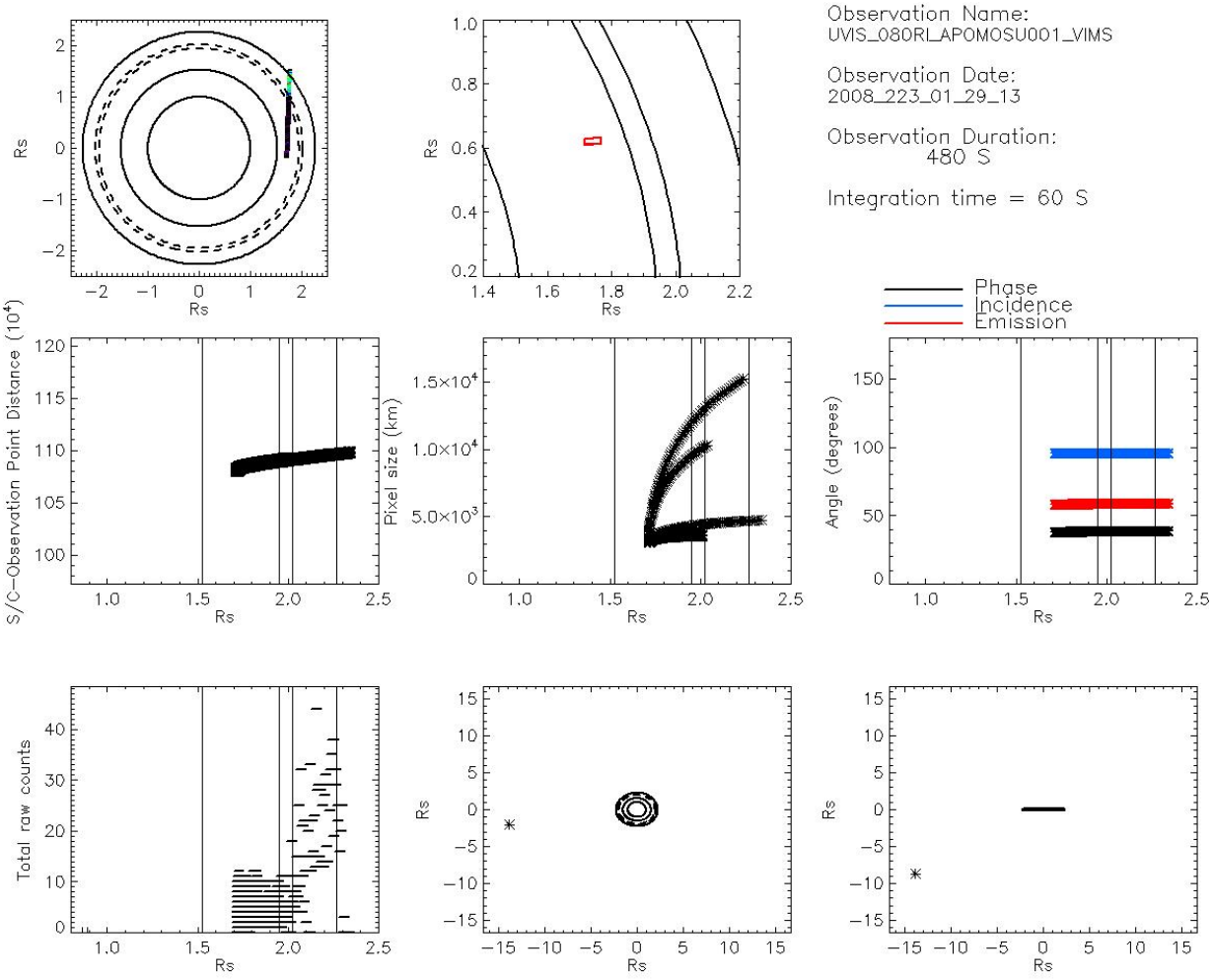


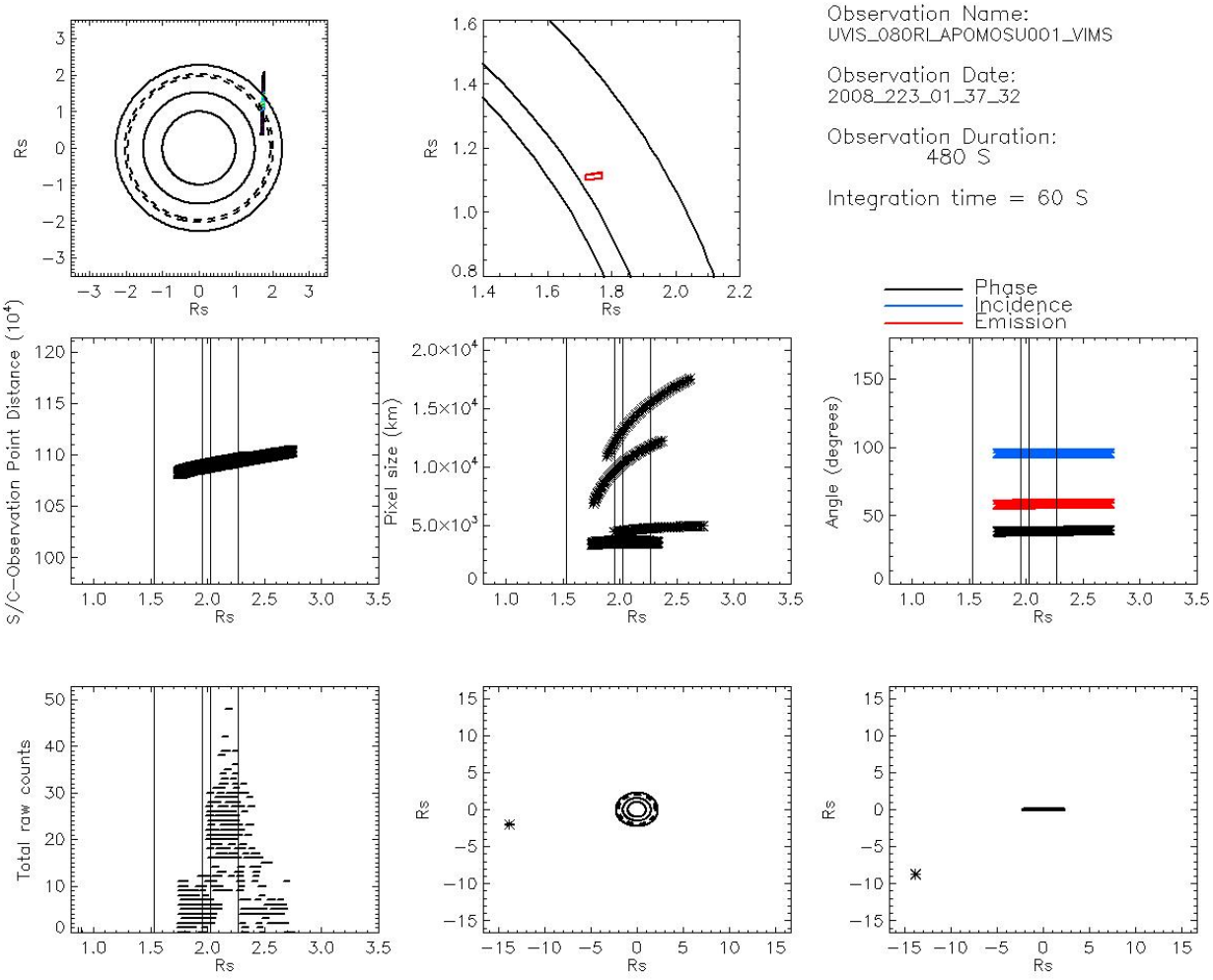

Observation Name:
UVIS_080RI_APOMOSU001_VIMS
Observation Date:
2008_223_00_55_57
Observation Duration:
480 S
Integration time = 60 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts

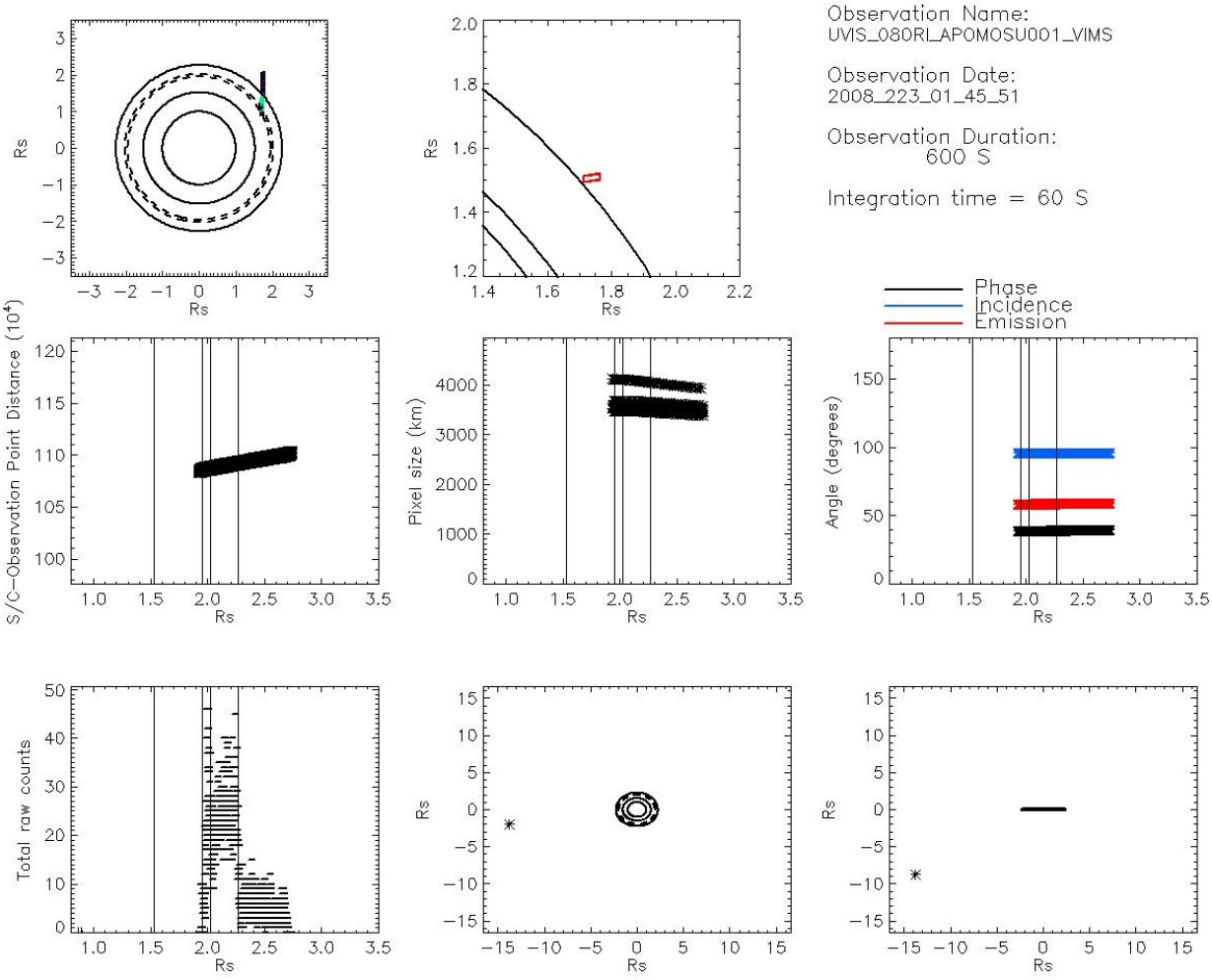

Observation Name:
UVIS_080RI_APOMOSU001_VIMS
Observation Date:
2008_223_01_04_16
Observation Duration:
480 S
Integration time = 60 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts

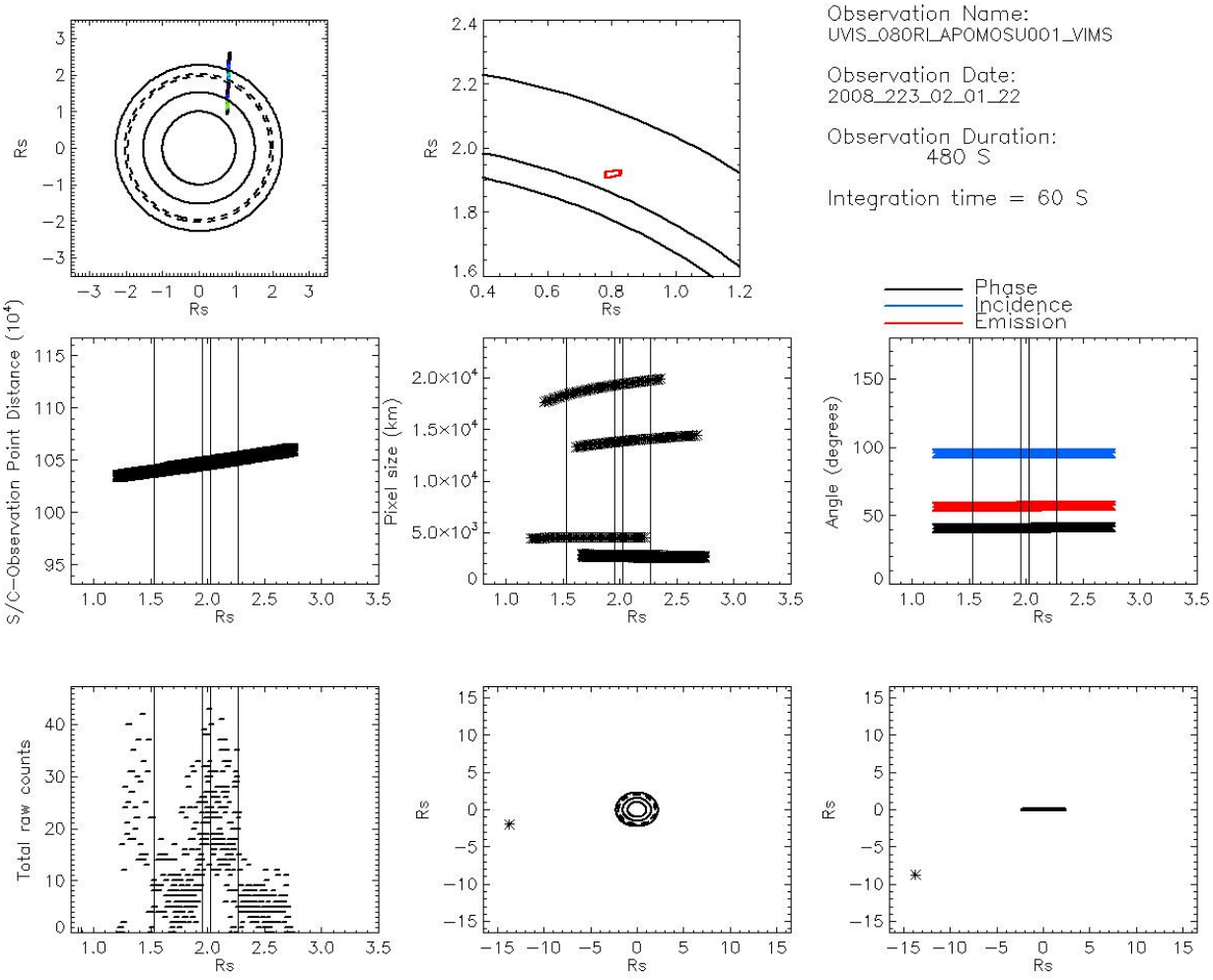

Observation Name:
UVIS_080RI_APOMOSU001_VIMS
Observation Date:
2008_223_01_12_35
Observation Duration:
480 S
Integration time = 60 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts

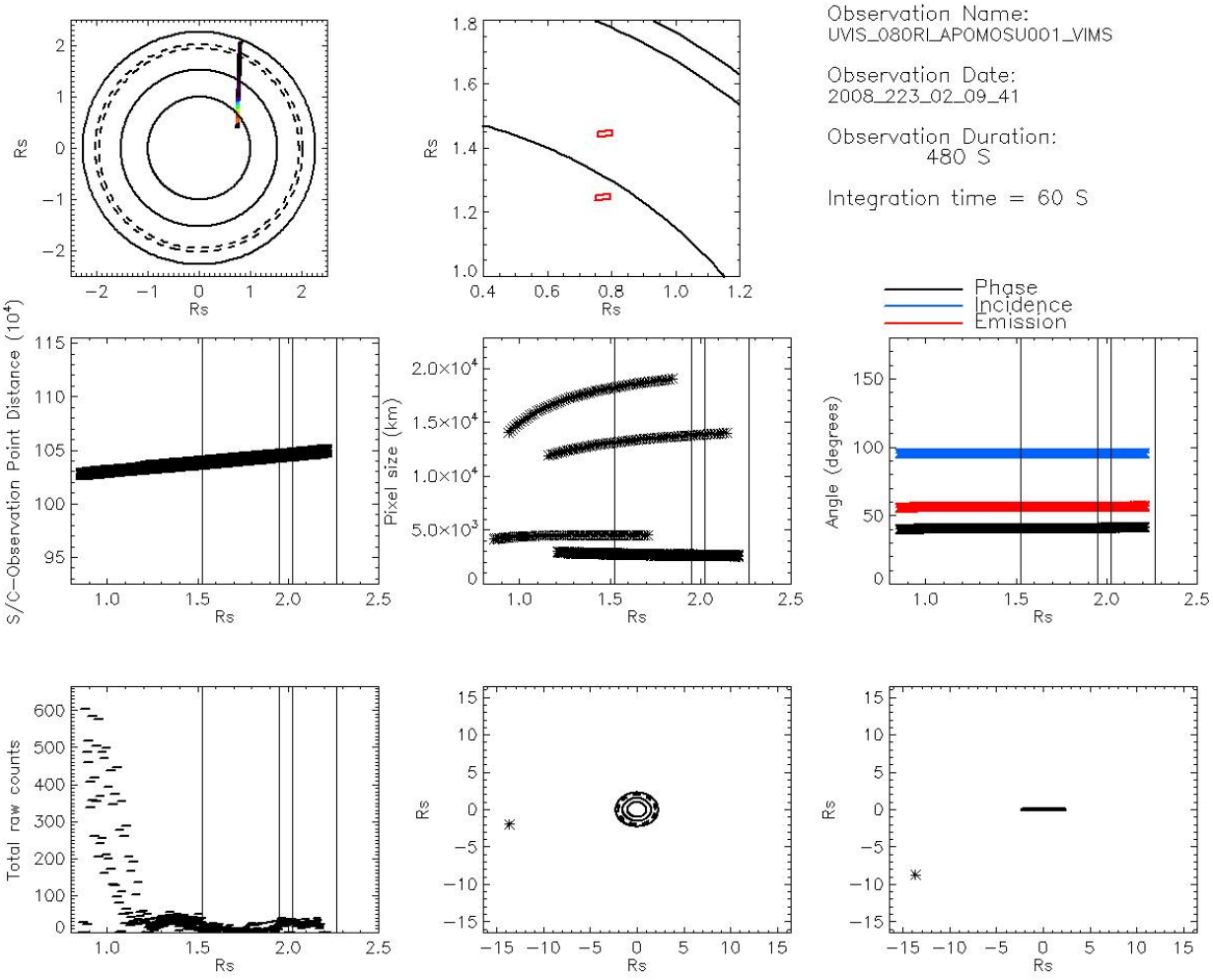

Observation Name:
UVIS_080RI_APOMOSU001_VIMS
Observation Date:
2008_223_01_20_54
Observation Duration:
480 S
Integration time = 60 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts

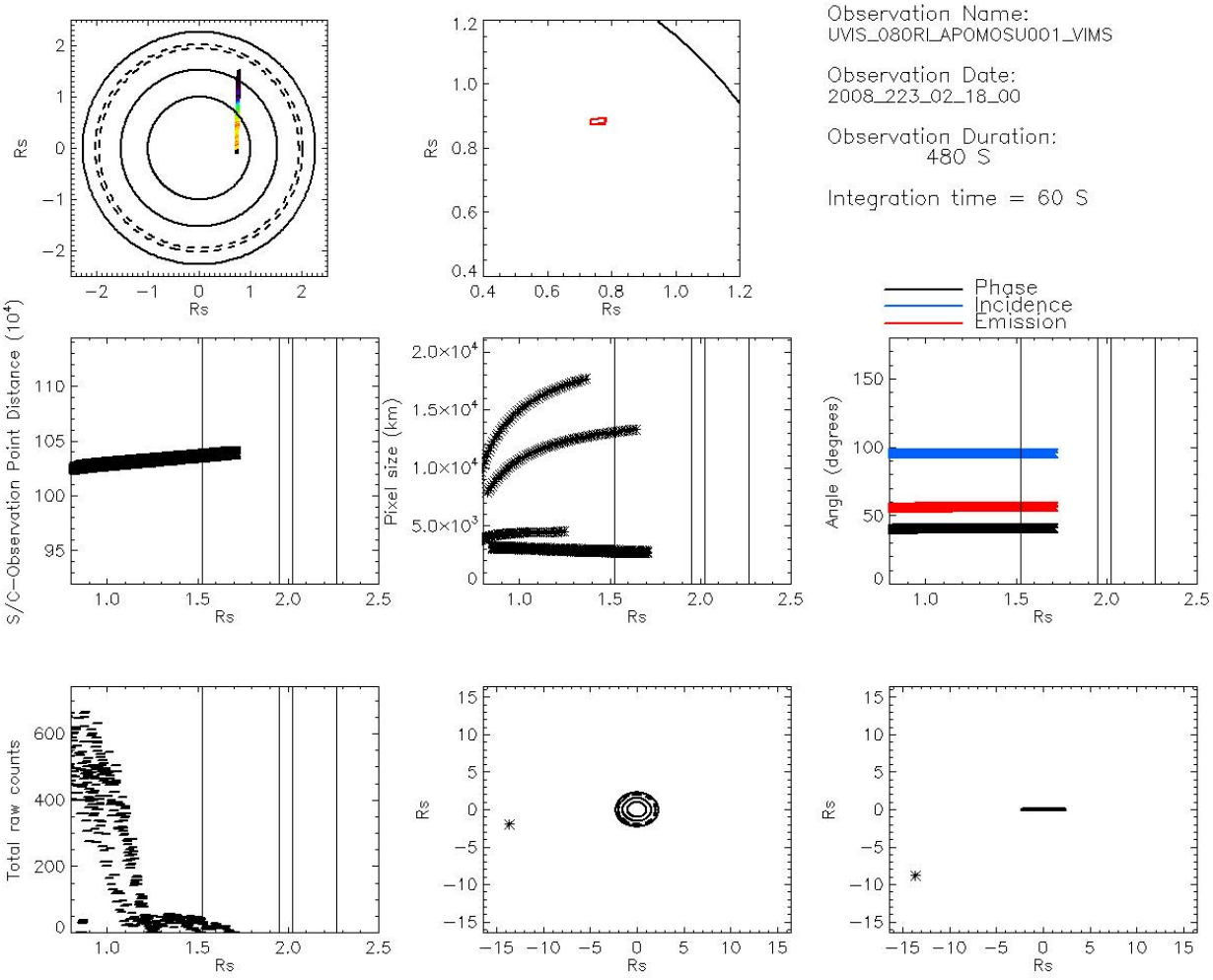

Observation Name:
UVIS_080RI_APOMOSU001_VIMS
Observation Date:
2008_223_01_29_13
Observation Duration:
480 S
Integration time = 60 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts

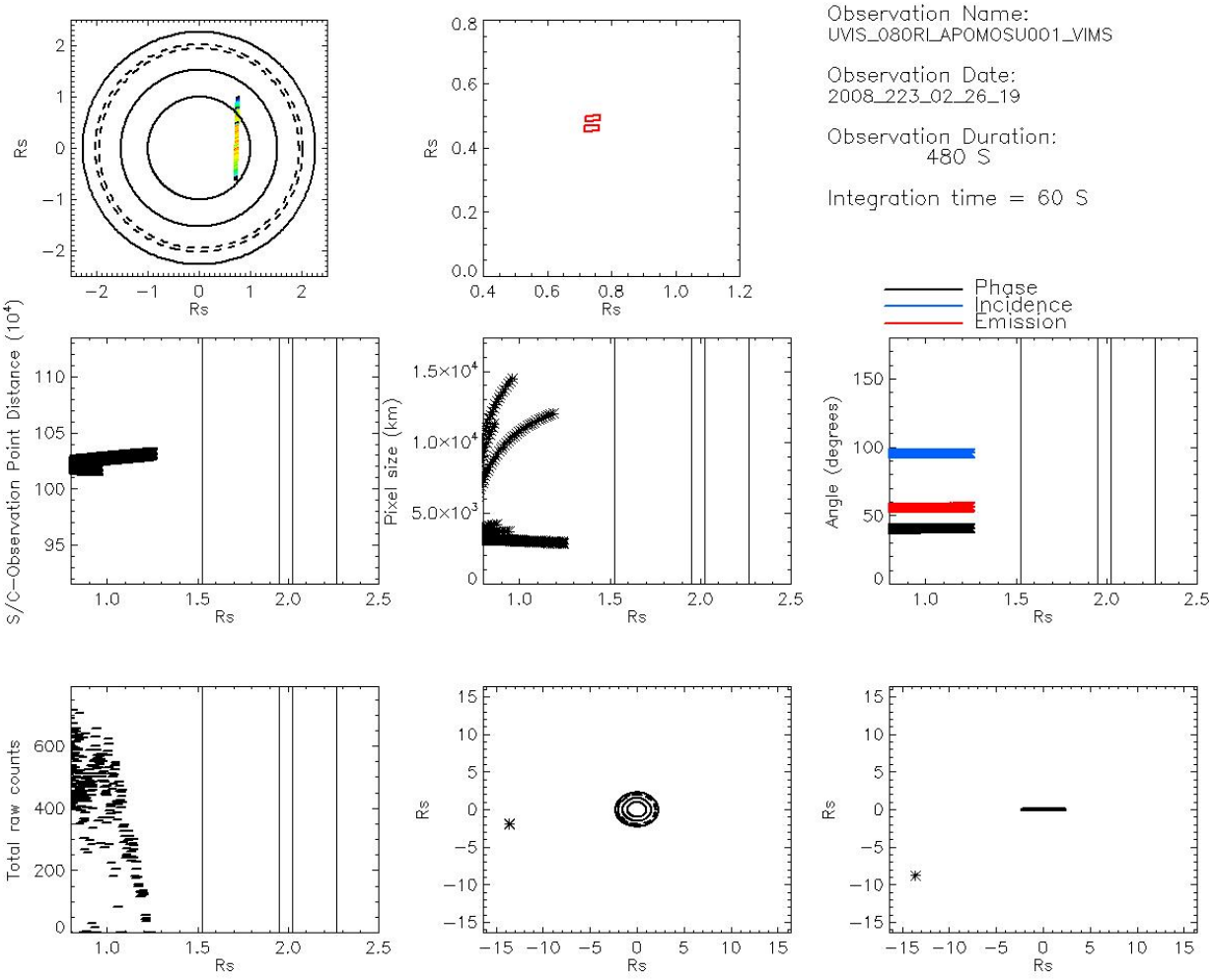

Observation Name:
UVIS_080RI_APOMOSU001_VIMS
Observation Date:
2008_223_01_37_32
Observation Duration:
480 S
Integration time = 60 S
Phase
Incidence
Emission
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts
Rs

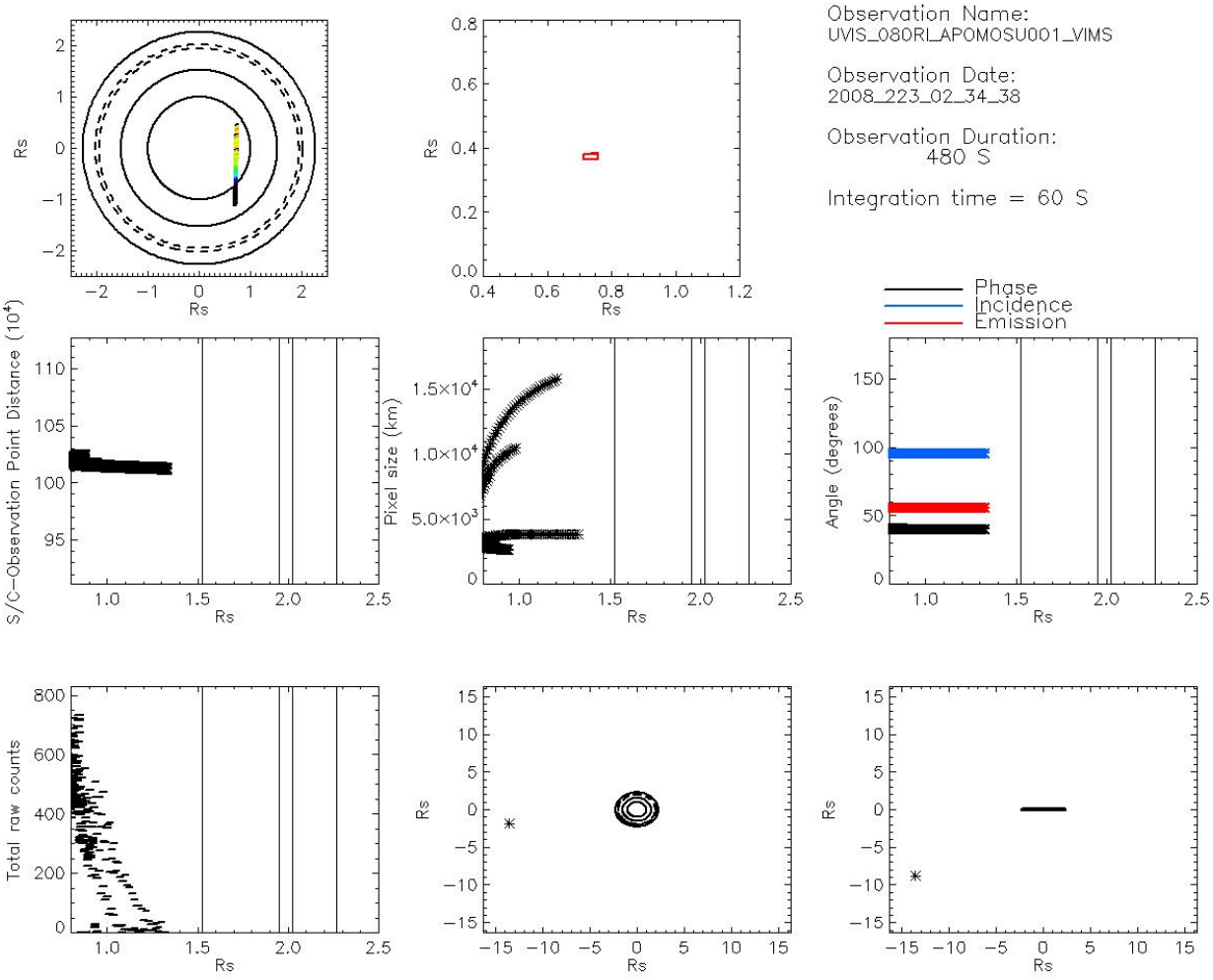

Observation Name:
UVIS_080RI_APOMOSU001_VIMS
Observation Date:
2008_223_01_45_51
Observation Duration:
600 S
Integration time = 60 S
Phase
Incidence
Emission
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts
Rs

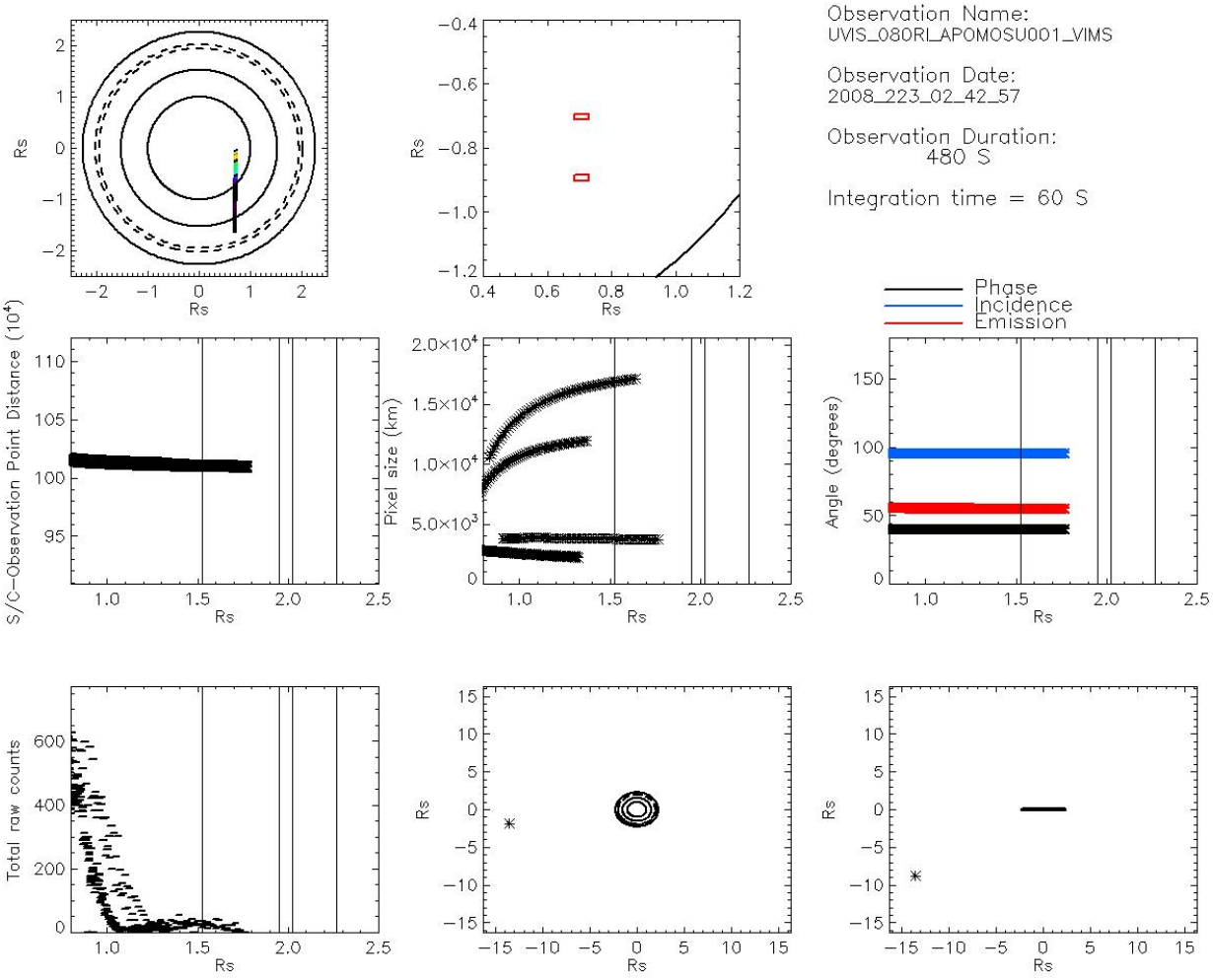

Observation Name:
UVIS_080RI_APOMOSU001_VIMS
Observation Date:
2008_223_02_01_22
Observation Duration:
480 S
Integration time = 60 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts

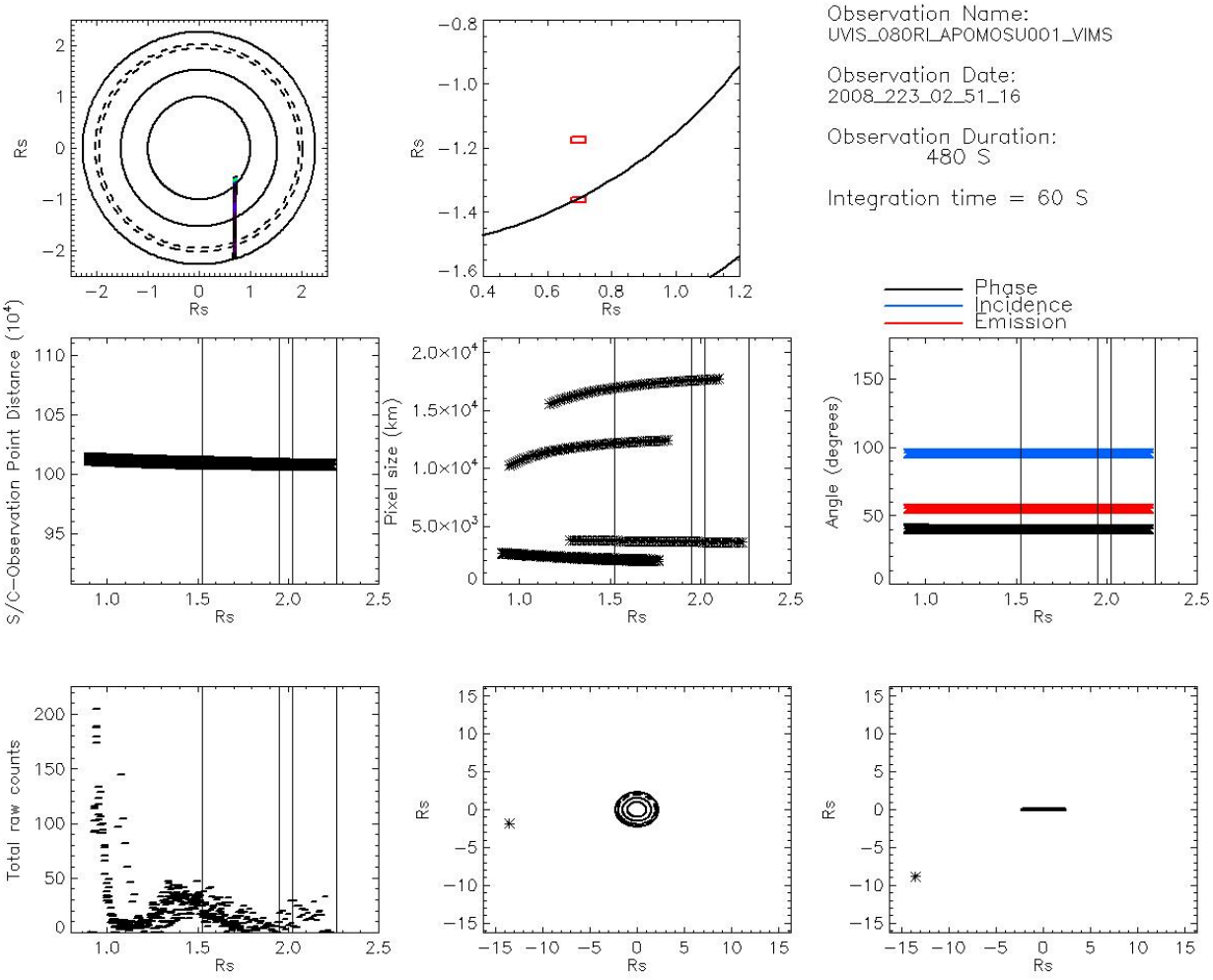

Observation Name:
UVIS_080RI_APOMOSU001_VIMS
Observation Date:
2008_223_02_09_41
Observation Duration:
480 S
Integration time = 60 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts

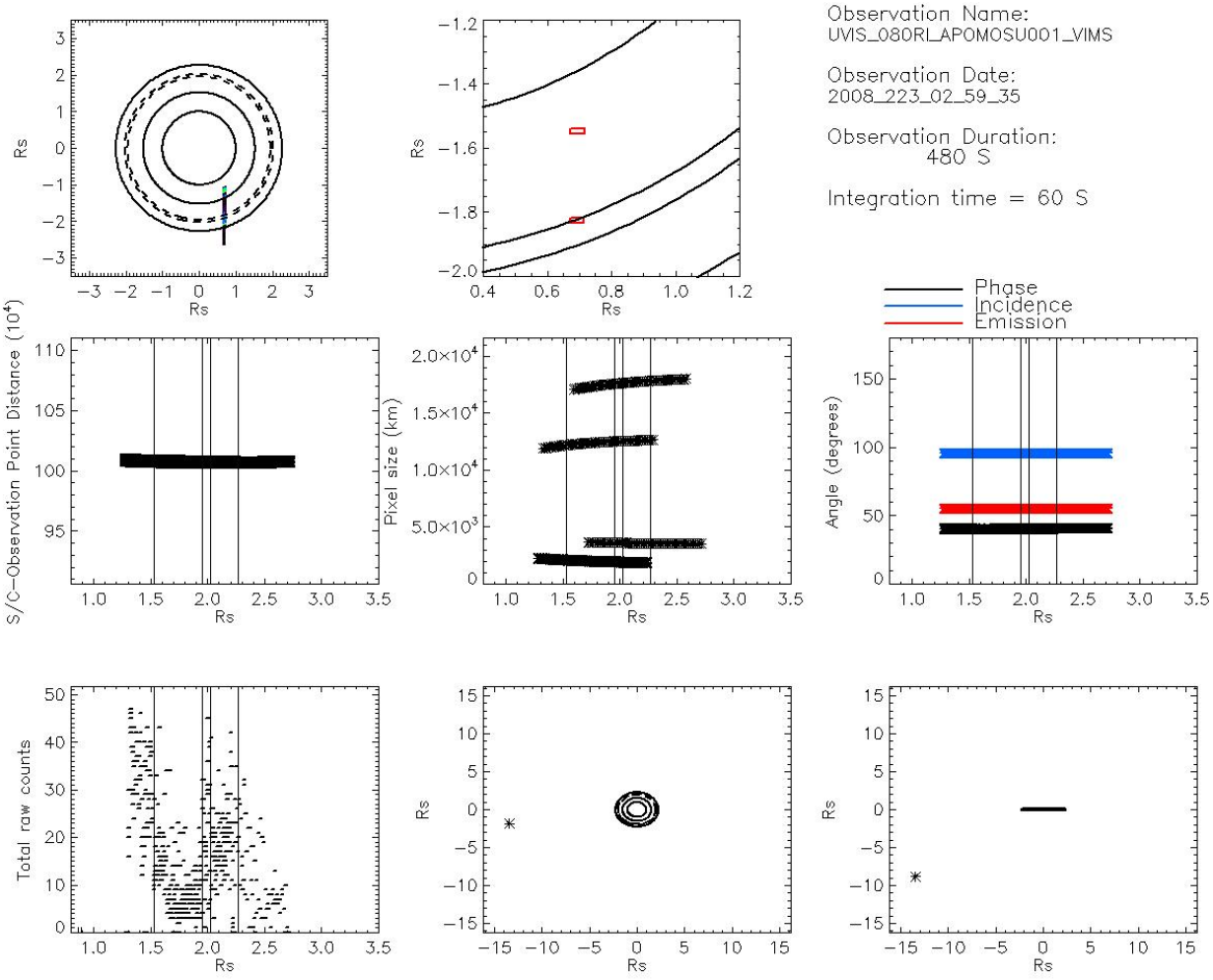

Observation Name:
UVIS_080RI_APOMOSU001_VIMS
Observation Date:
2008_223_02_18_00
Observation Duration:
480 S
Integration time = 60 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts

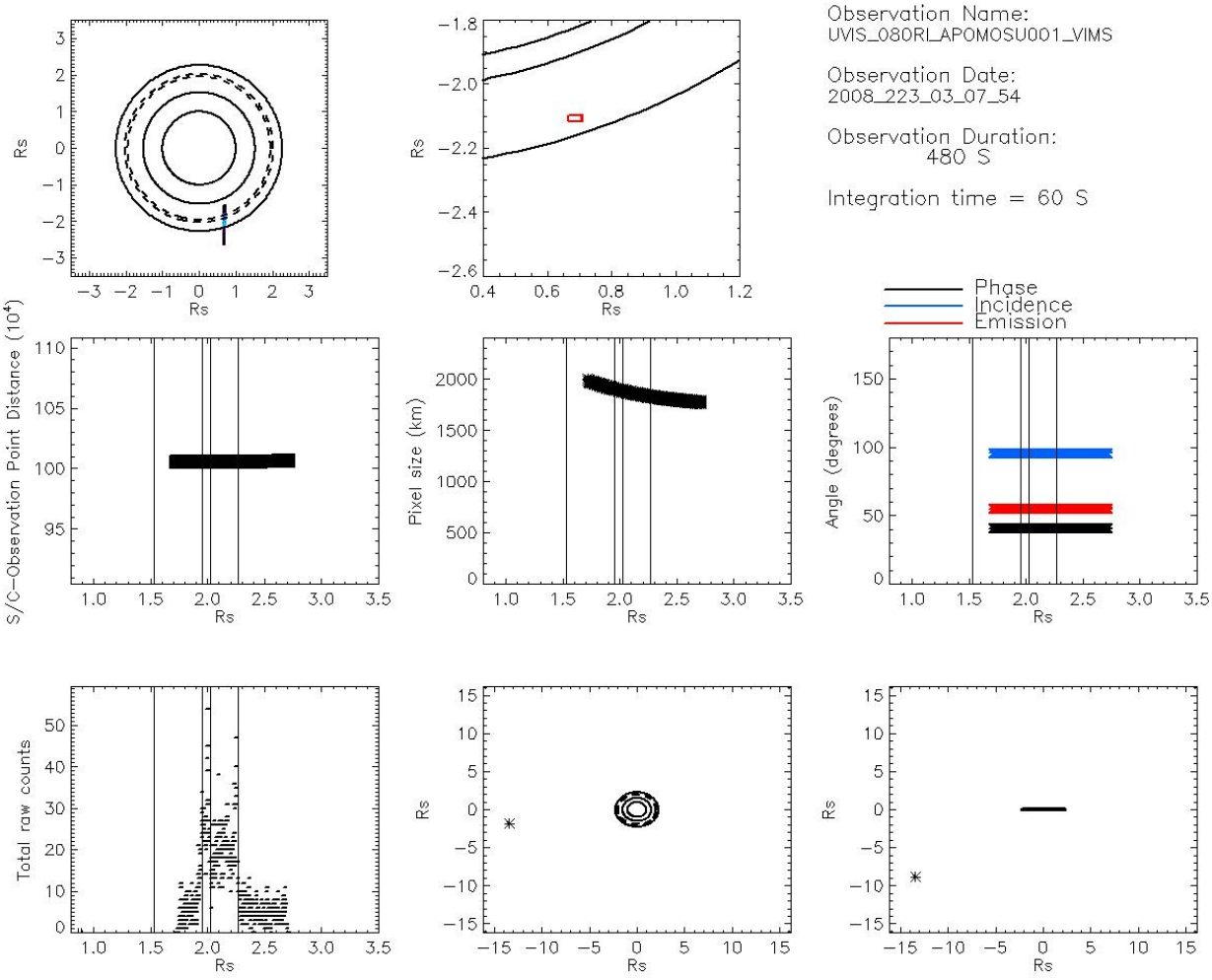

Observation Name:
UVIS_080RI_APOMOSU001_VIMS
Observation Date:
2008_223_02_26_19
Observation Duration:
480 S
Integration time = 60 S
Phase
Incidence
Emission
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts
Rs

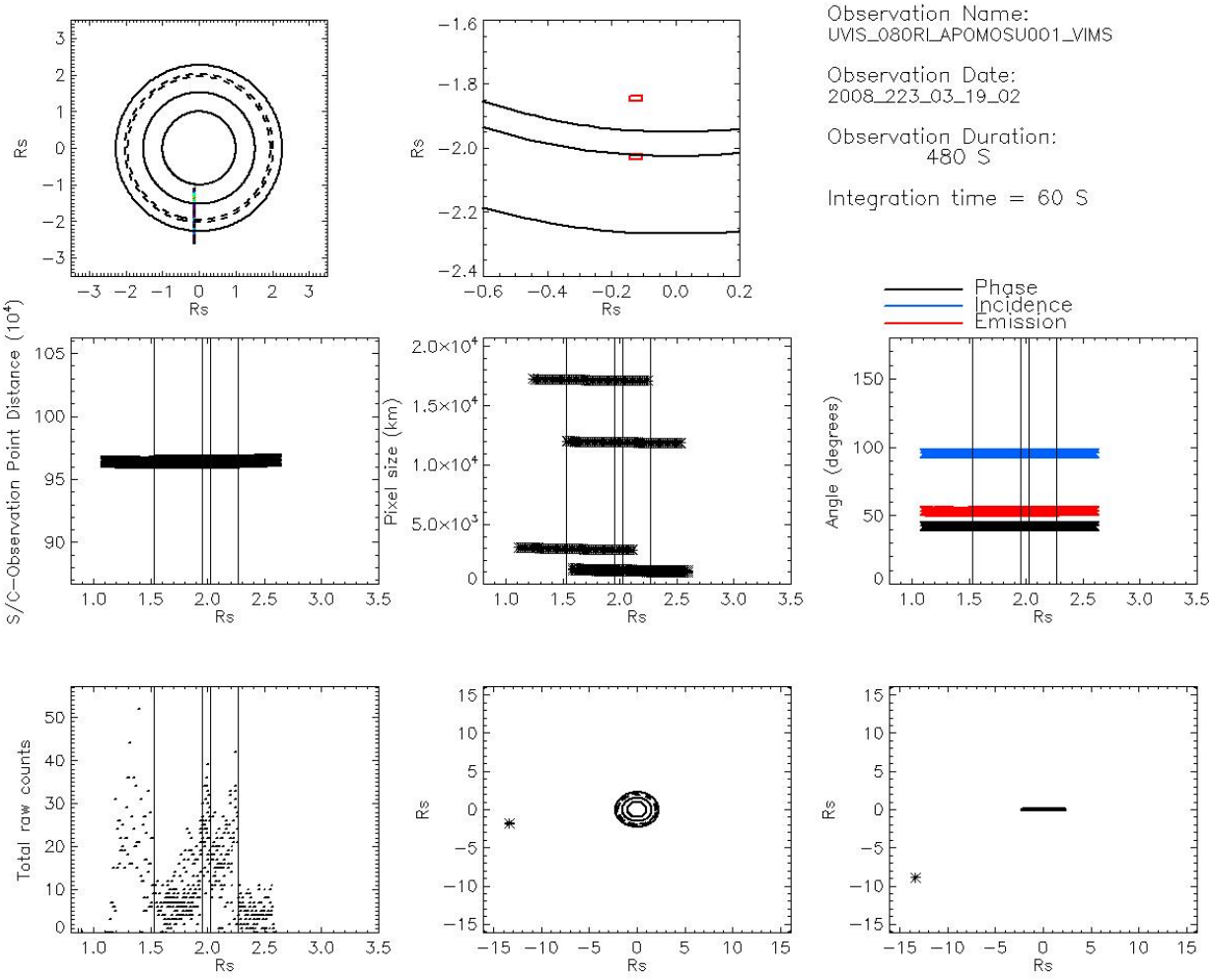

Observation Name:
UVIS_080RI_APOMOSU001_VIMS
Observation Date:
2008_223_02_34_38
Observation Duration:
480 S
Integration time = 60 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts

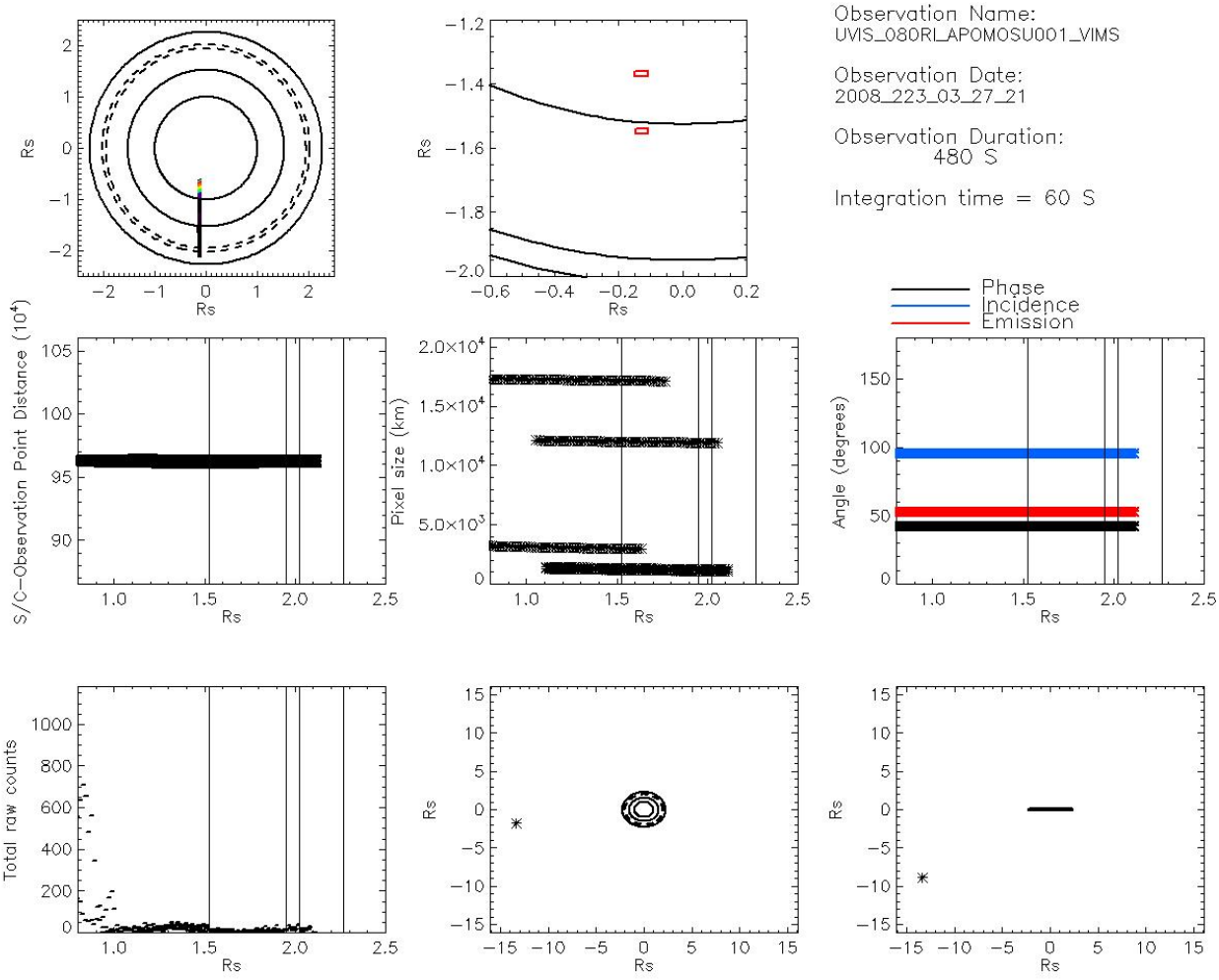

Observation Name:
UVIS_080RI_APOMOSU001_VIMS
Observation Date:
2008_223_02_42_57
Observation Duration:
480 S
Integration time = 60 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts

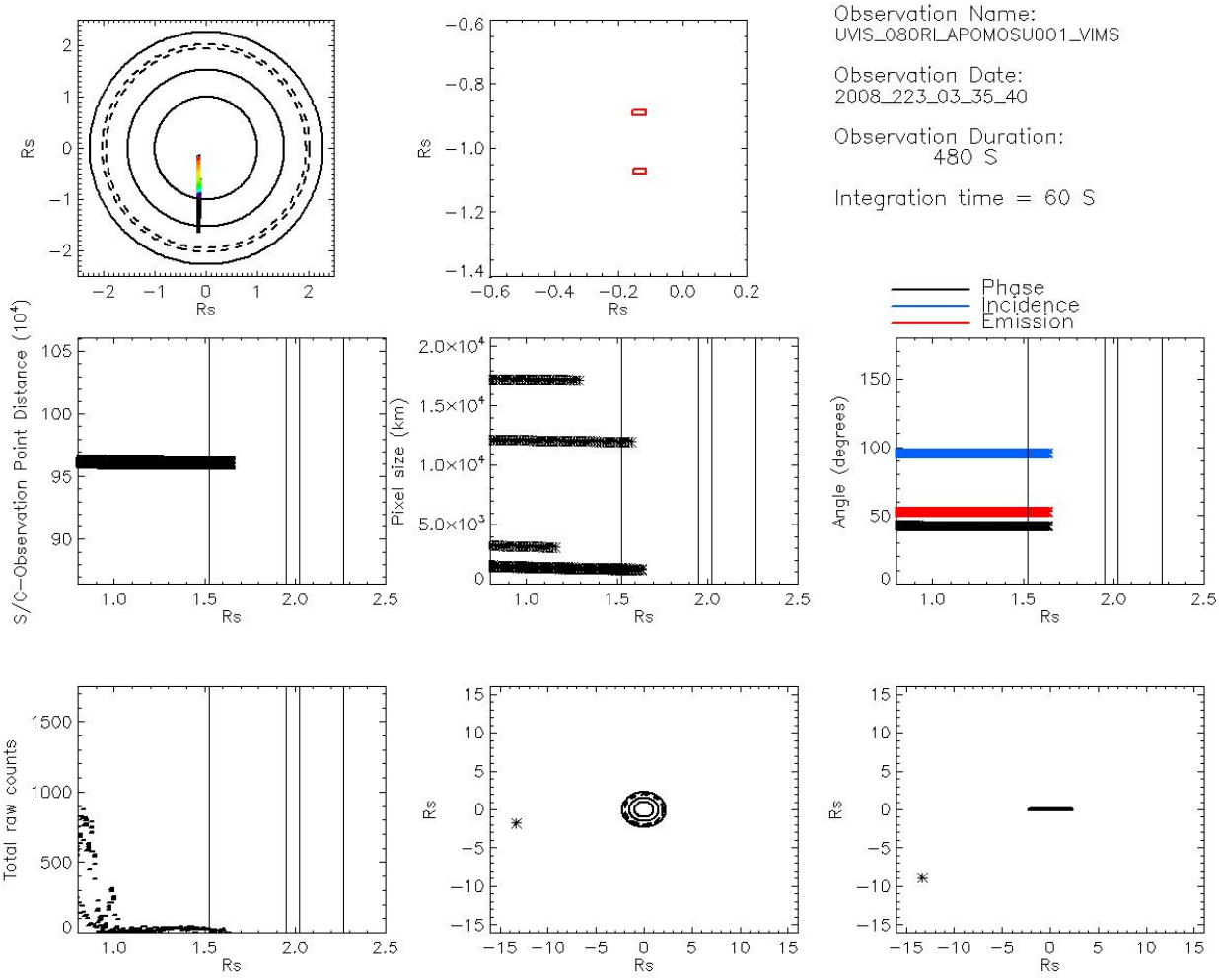

Observation Name:
UVIS_080RI_APOMOSU001_VIMS
Observation Date:
2008_223_02_51_16
Observation Duration:
480 S
Integration time = 60 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts

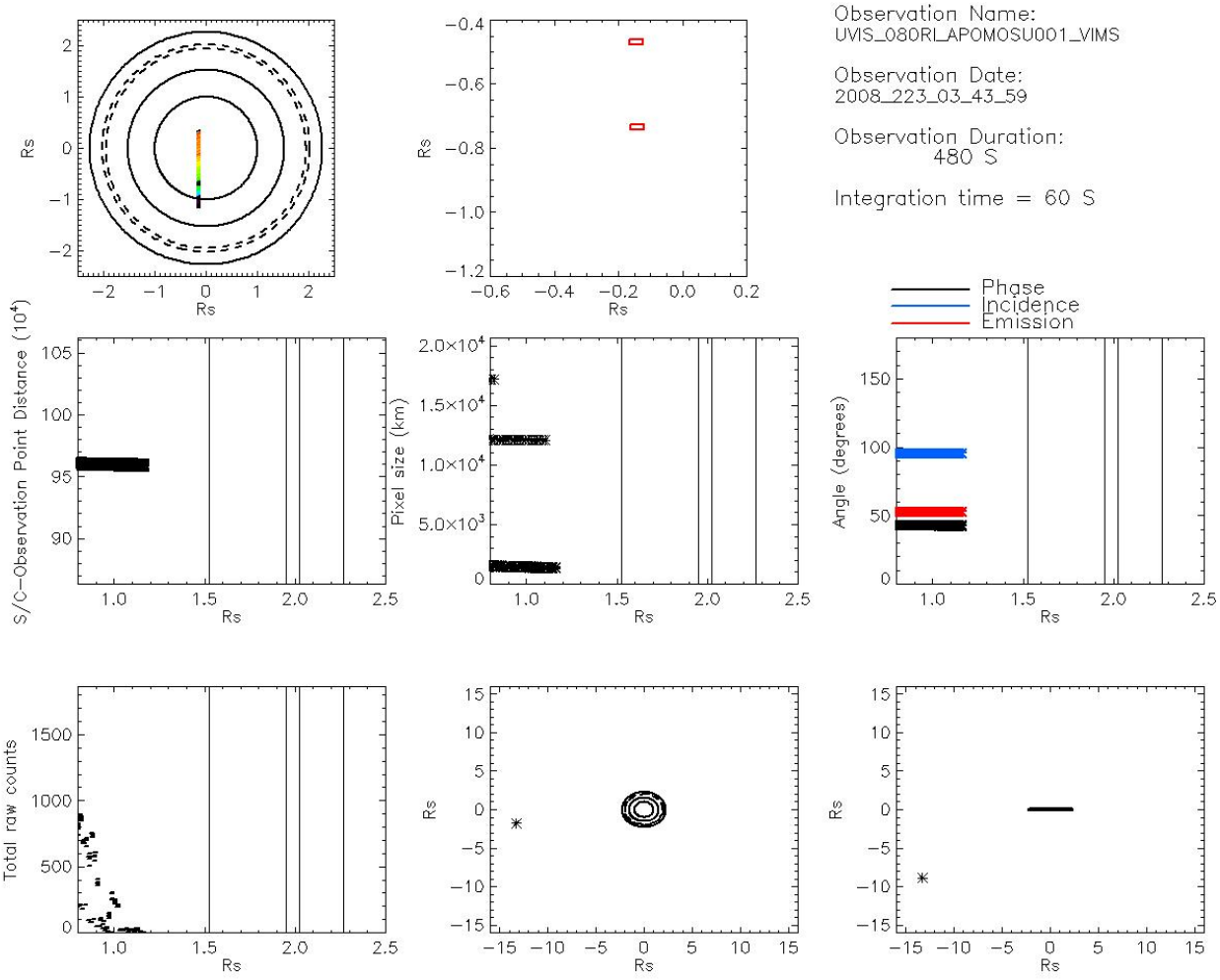

Observation Name:
UVIS_080RI_APOMOSU001_VIMS
Observation Date:
2008_223_02_59_35
Observation Duration:
480 S
Integration time = 60 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts

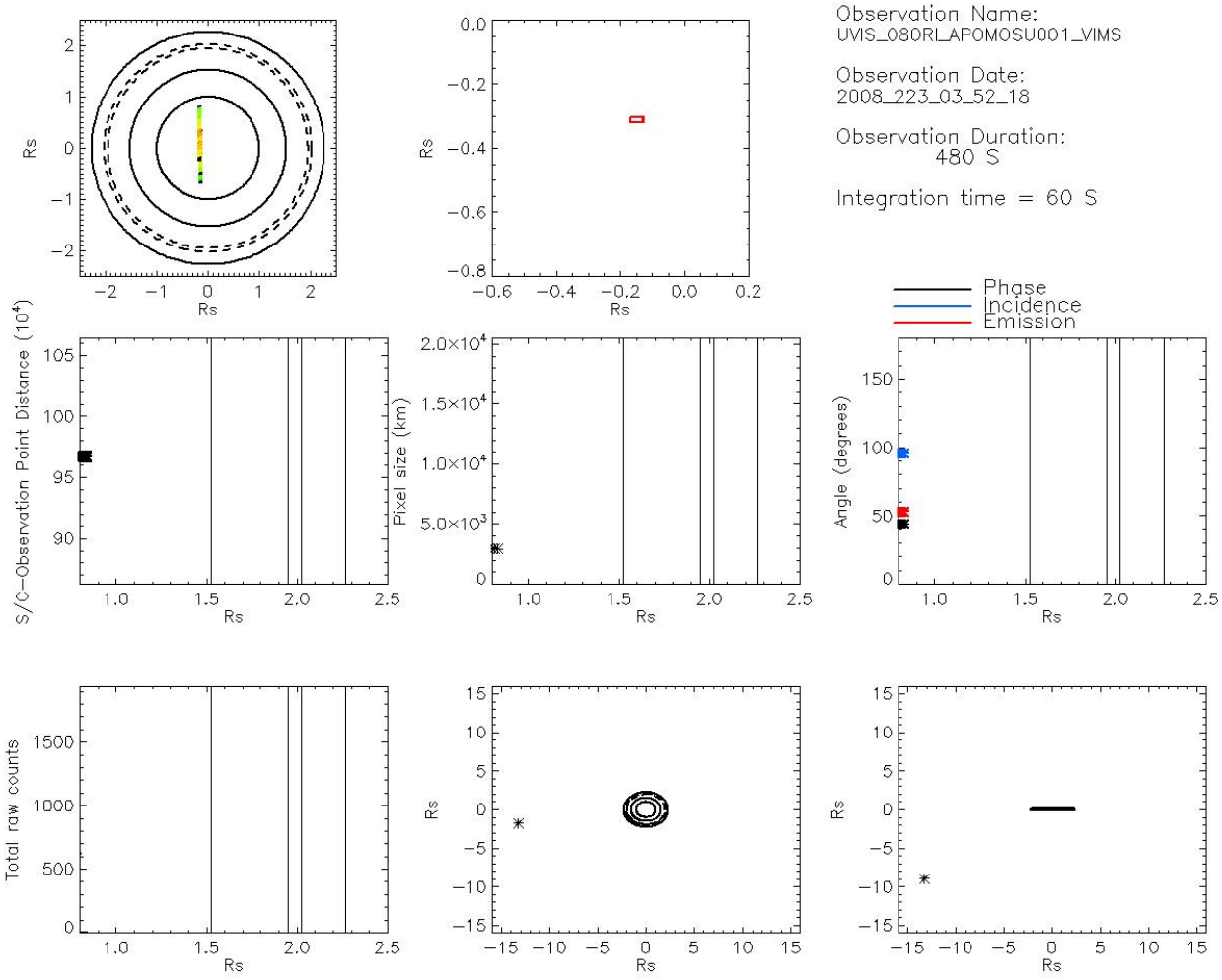

Observation Name:
UVIS_080RI_APOMOSU001_VIMS
Observation Date:
2008_223_03_07_54
Observation Duration:
480 S
Integration time = 60 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts

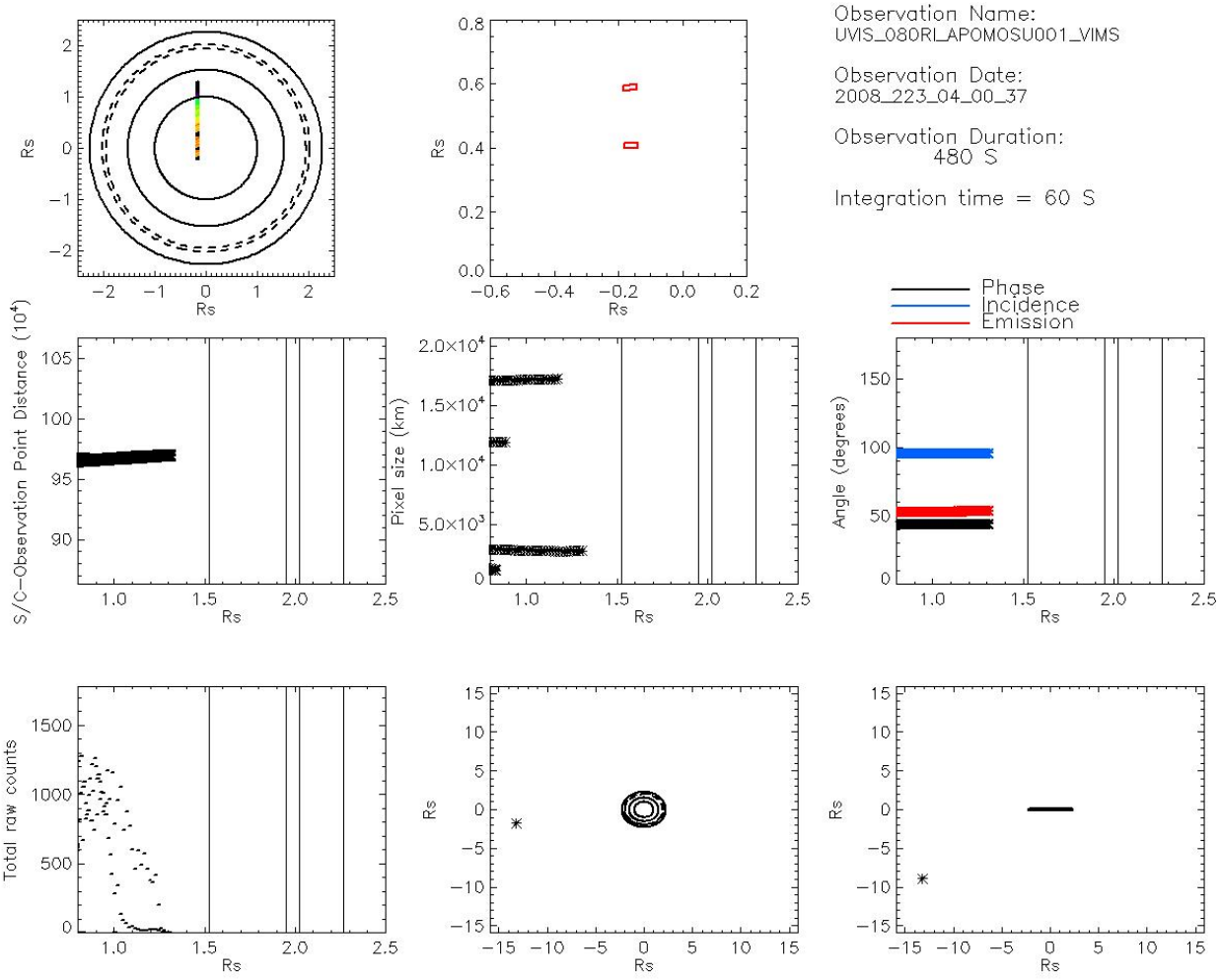

Observation Name:
UVIS_080RI_APOMOSU001_VIMS
Observation Date:
2008_223_03_19_02
Observation Duration:
480 S
Integration time = 60 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts

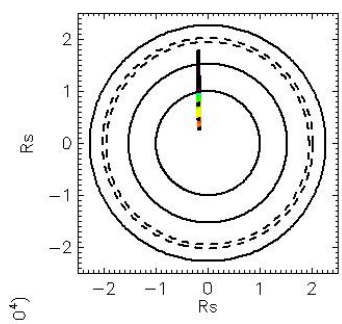

Observation Name:
UVIS_080RI_APOMOSU001_VIMS
Observation Date:
2008_223_03_27_21
Observation Duration:
480 S
Integration time = 60 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts

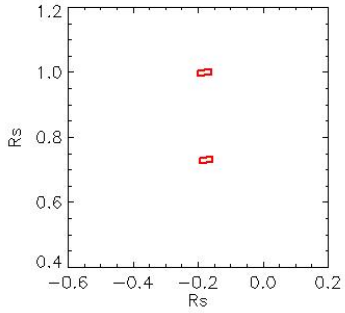

Observation Name:
UVIS_080RI_APOMOSU001_VIMS
Observation Date:
2008_223_03_35_40
Observation Duration:
480 S
Integration time = 60 S
Phase
Incidence
Emission
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts
Rs


Observation Name:
UVIS_080RI_APOMOSU001_VIMS
Observation Date:
2008_223_03_43_59
Observation Duration:
480 S
Integration time = 60 S
Phase
Incidence
Emission
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts
Rs


Observation Name:
UVIS_080RI_APOMOSU001_VIMS
Observation Date:
2008_223_03_52_18
Observation Duration:
480 S
Integration time = 60 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts


Observation Name:
UVIS_080RI_APOMOSU001_VIMS
Observation Date:
2008_223_04_00_37
Observation Duration:
480 S
Integration time = 60 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts



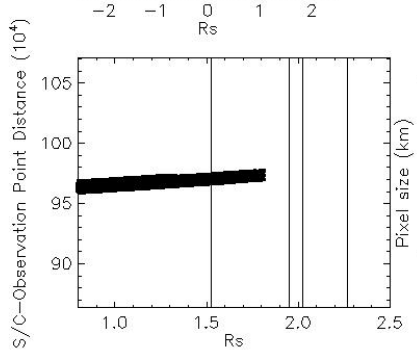


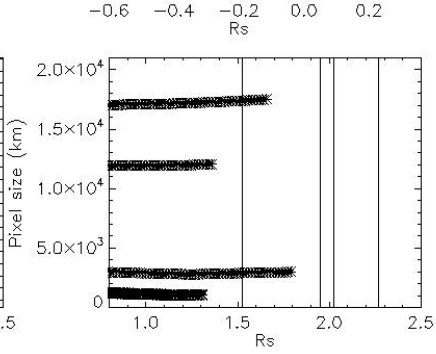
Observation Name:
UVIS_080RI_APOMOSU001_VIMS

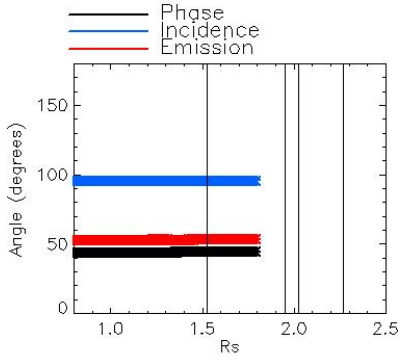
Observation Date:
2008_223_04_08_56

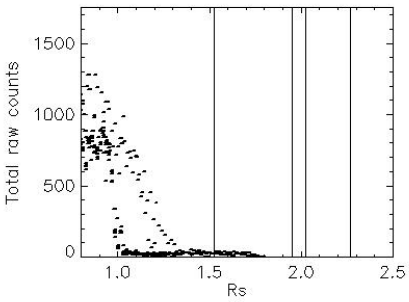
Observation Duration:
480 S

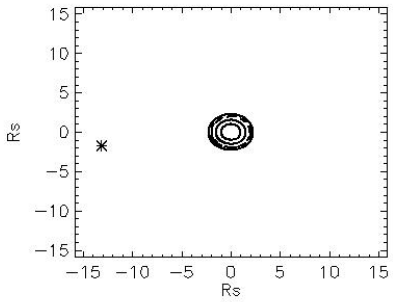
Integration time = 60 S

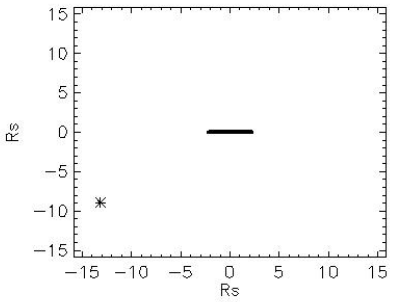


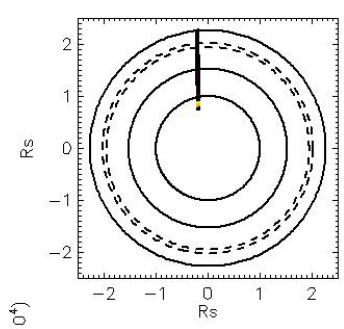


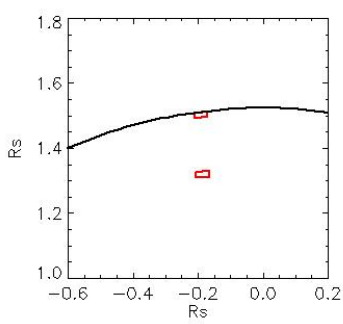










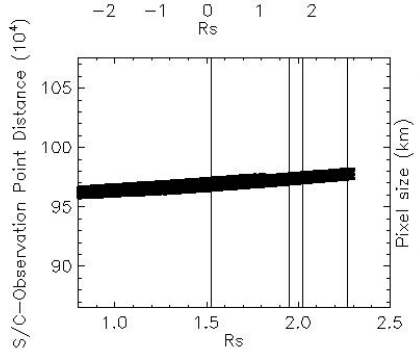


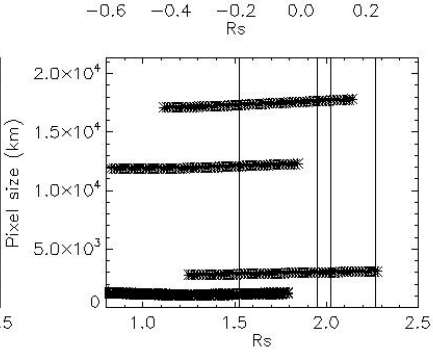
Observation Name:
UVIS_080RI_APOMOSU001_VIMS

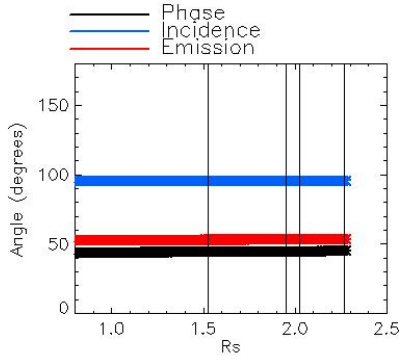
Observation Date:
2008_223_04_17_15

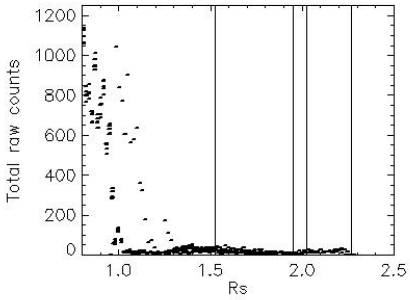
Observation Duration:
480 S

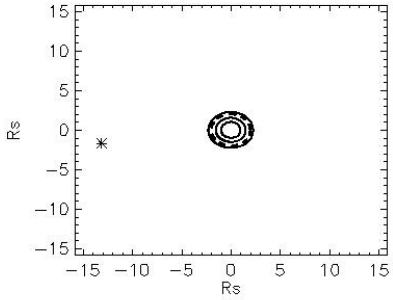
Integration time = 60 S

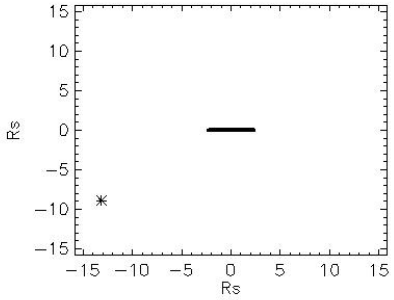


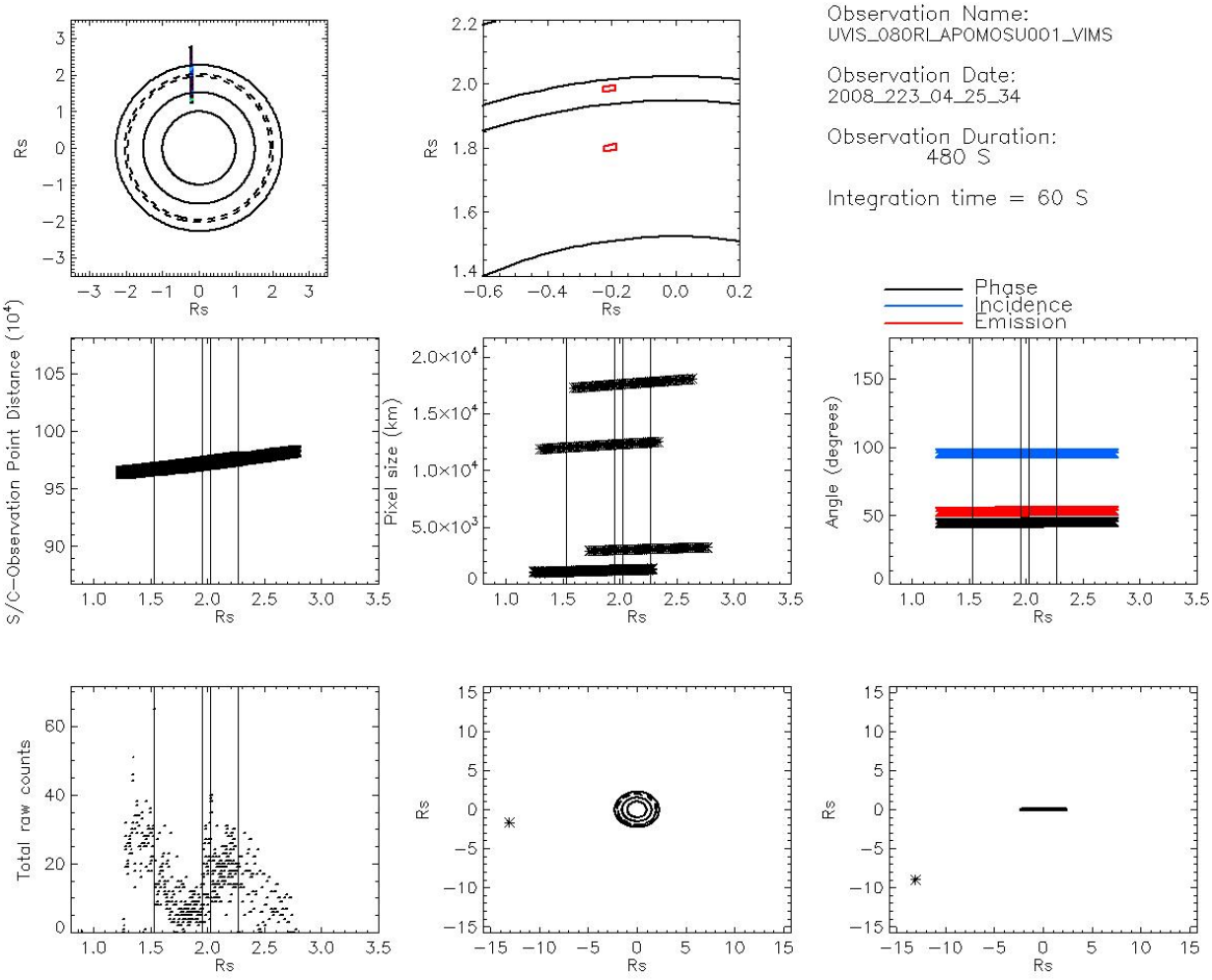


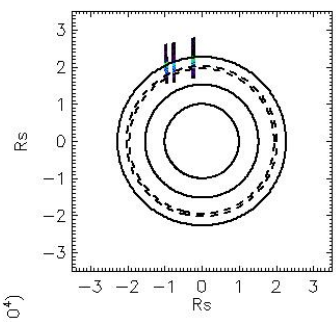


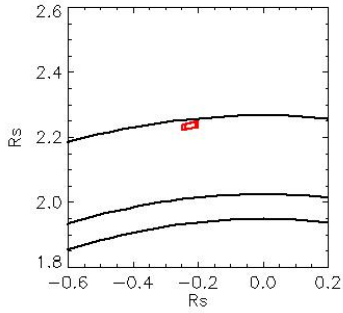







Observation Name:
UVIS_080RI_APOMOSU001_VIMS
Observation Date:
2008_223_04_25_34
Observation Duration:
480 S
Integration time = 60 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts



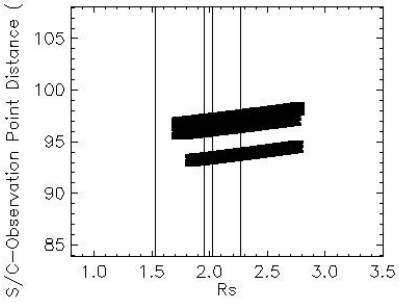


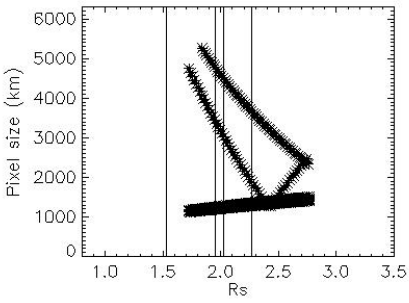
Observation Name:
UVIS_080RI_APOMOSU001_VIMS

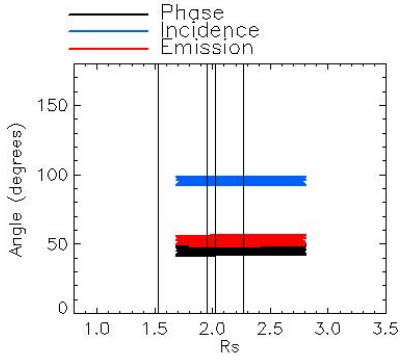
Observation Date:
2008_223_04_33_53

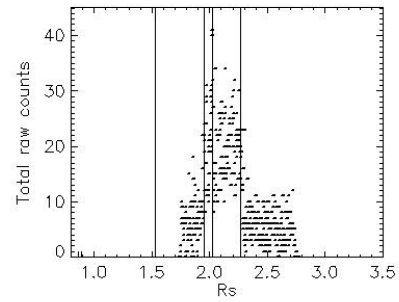
Observation Duration:
420 S

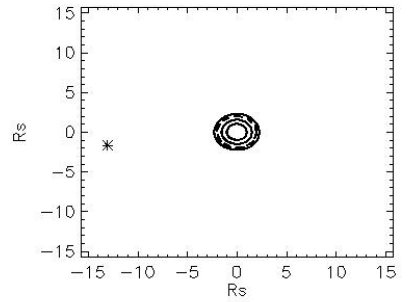
Integration time = 60 S

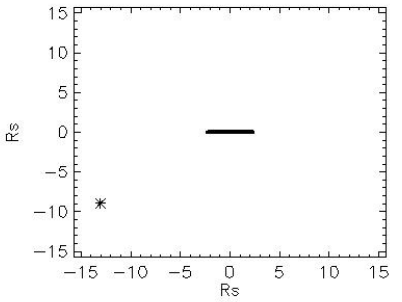


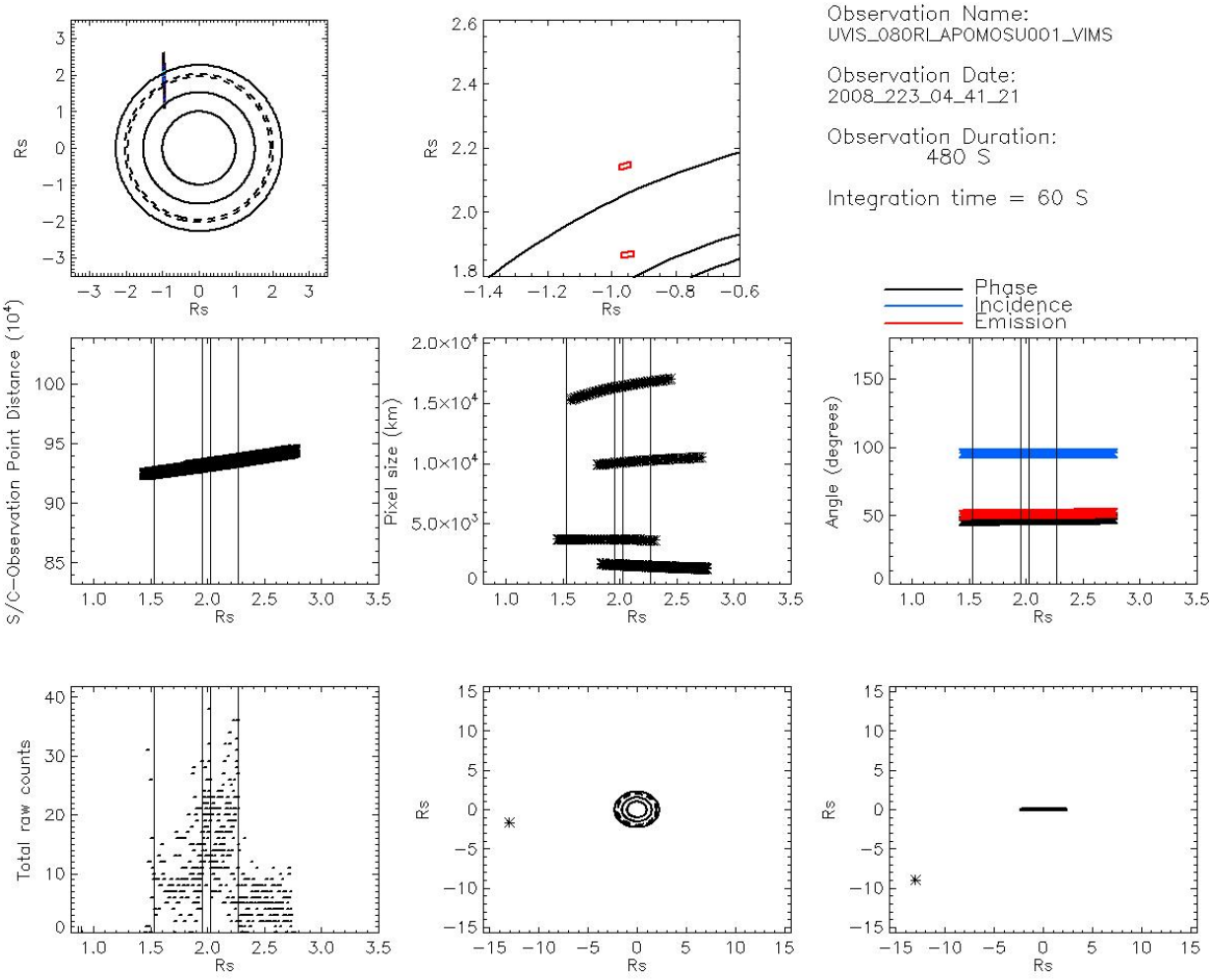


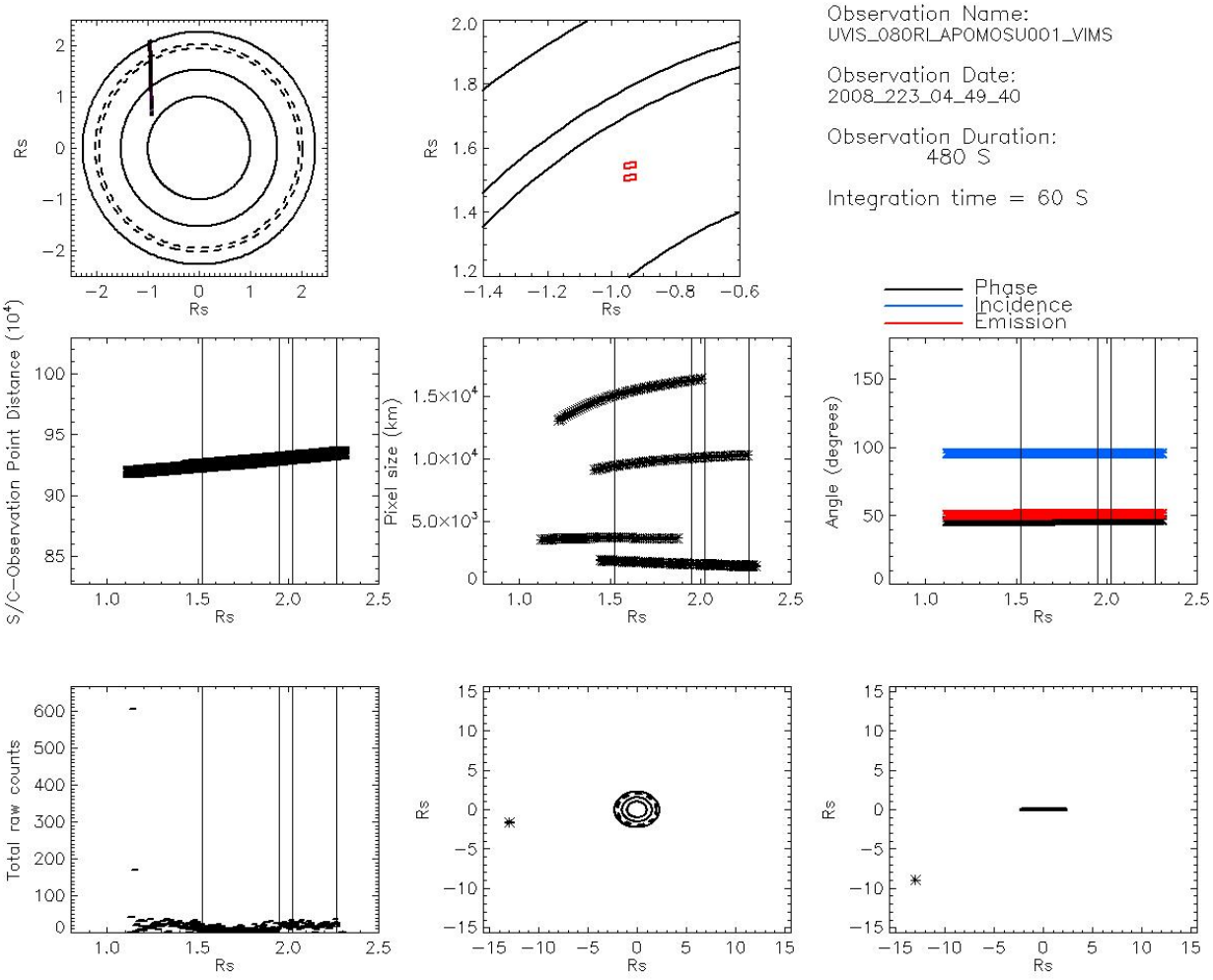


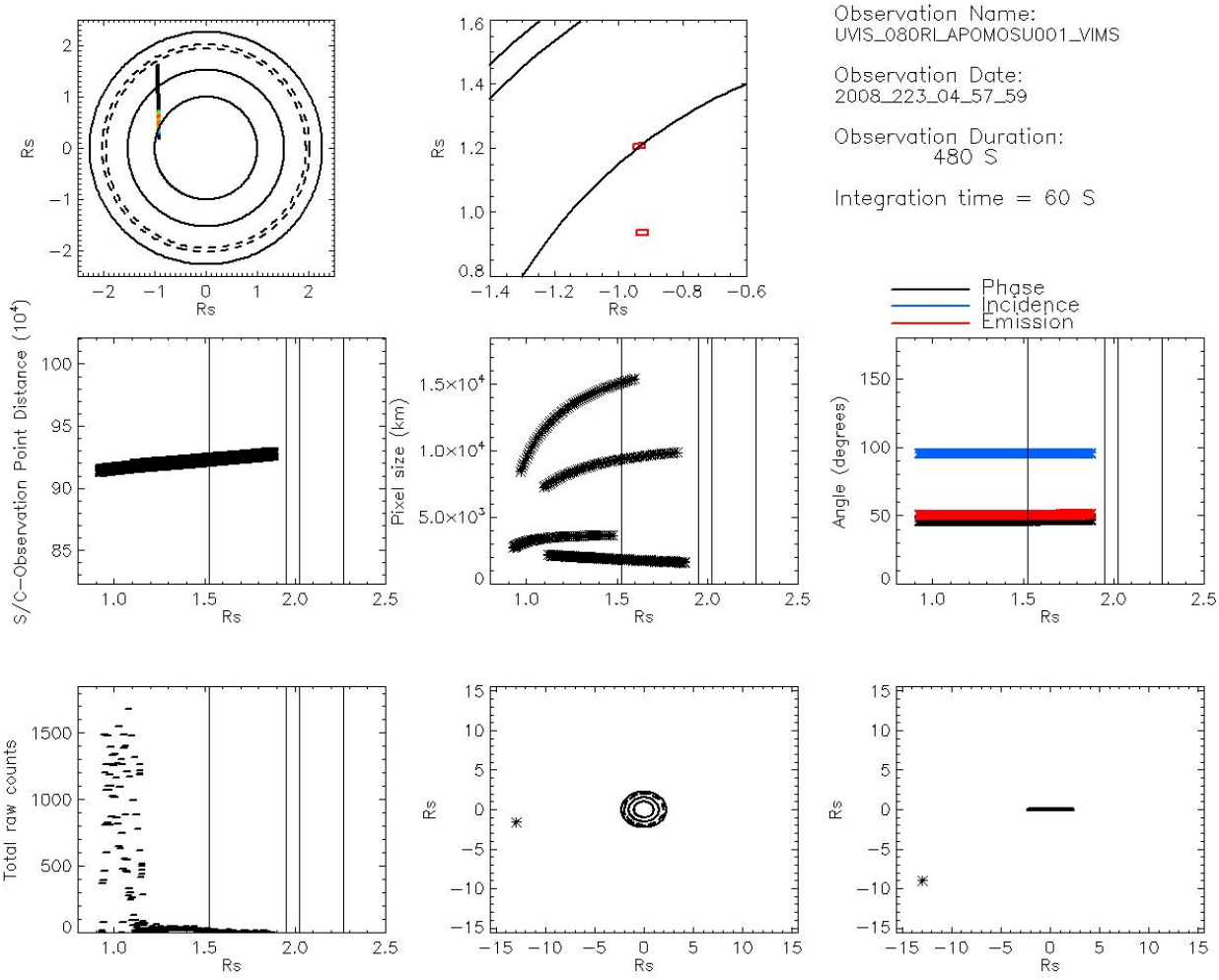


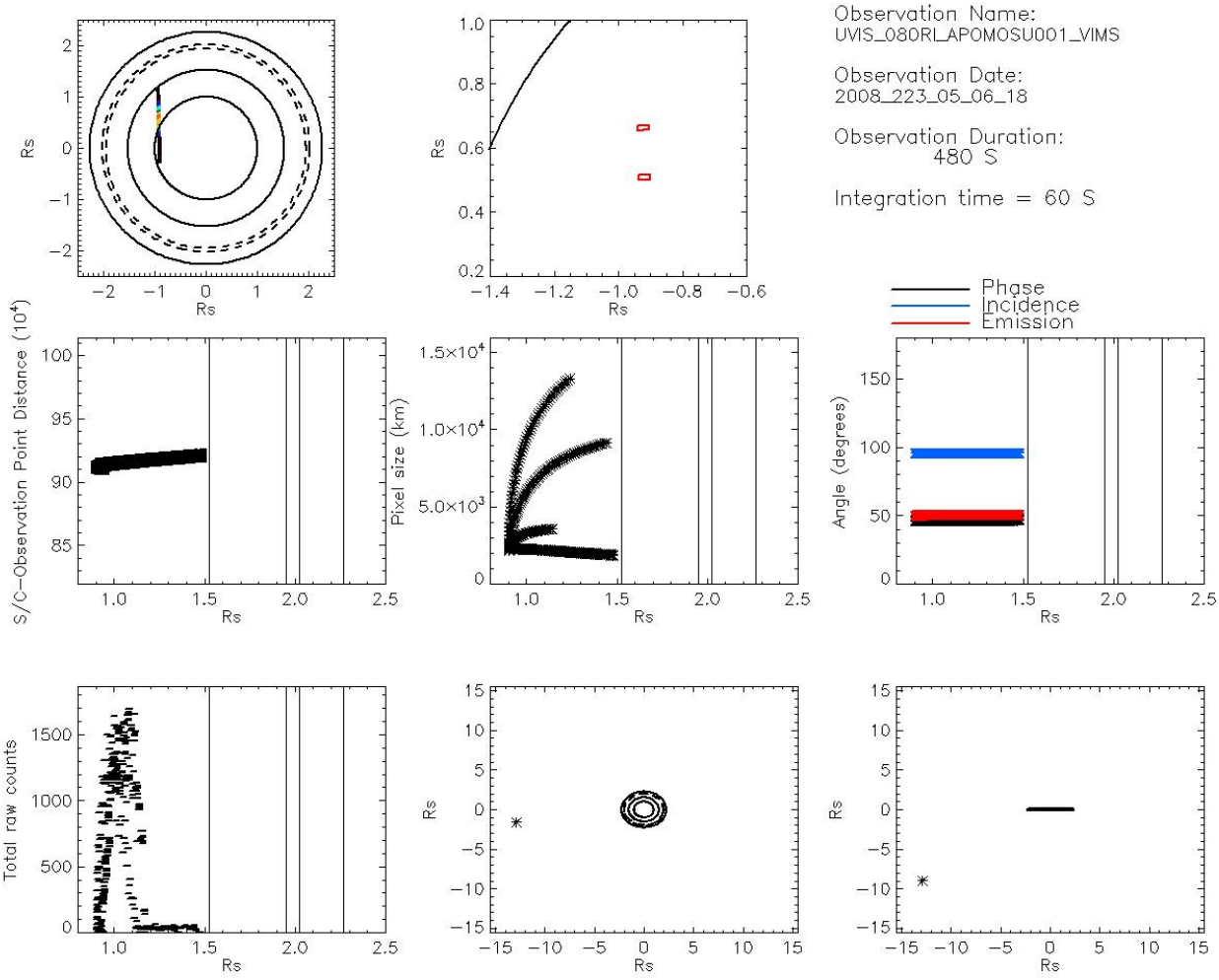


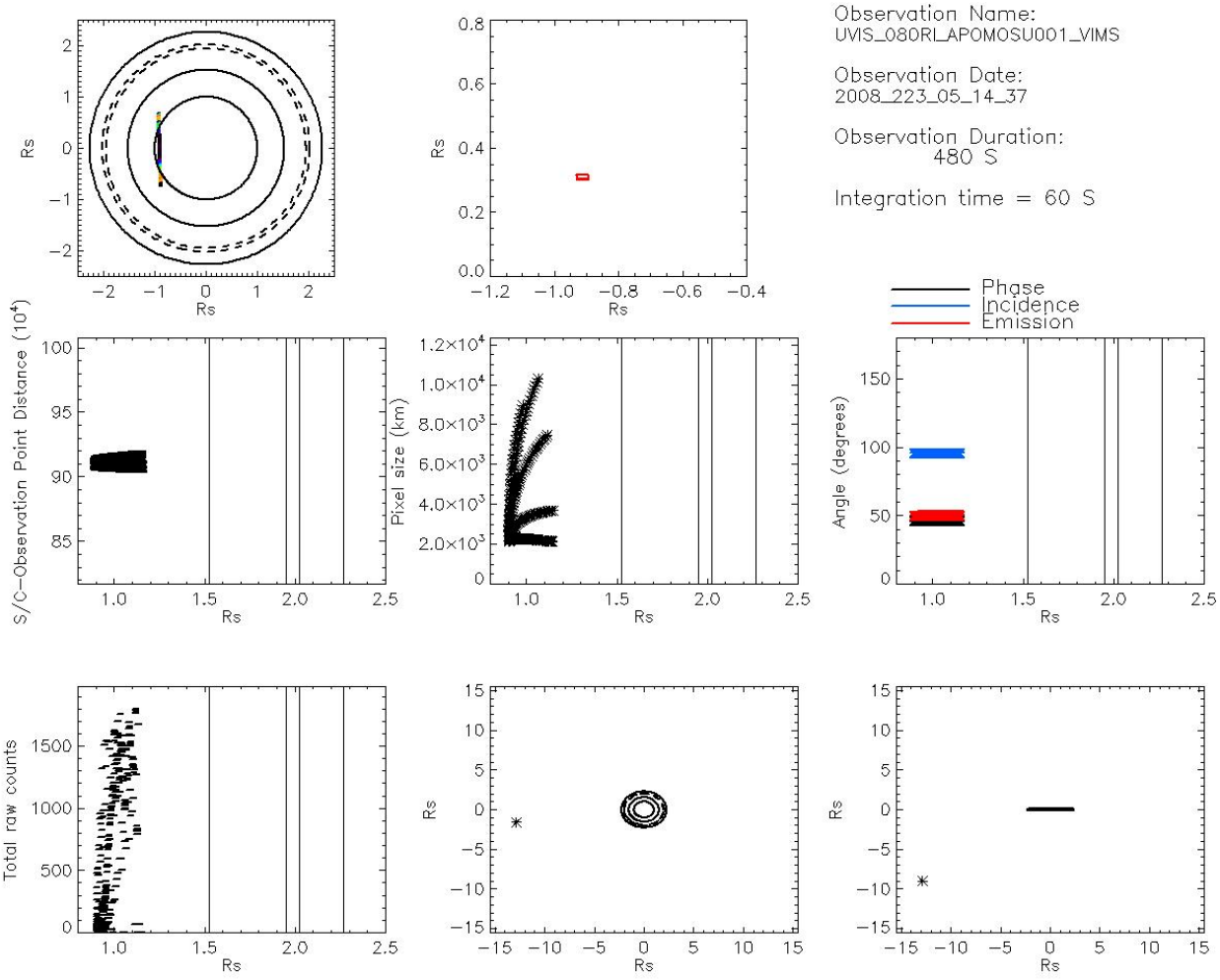


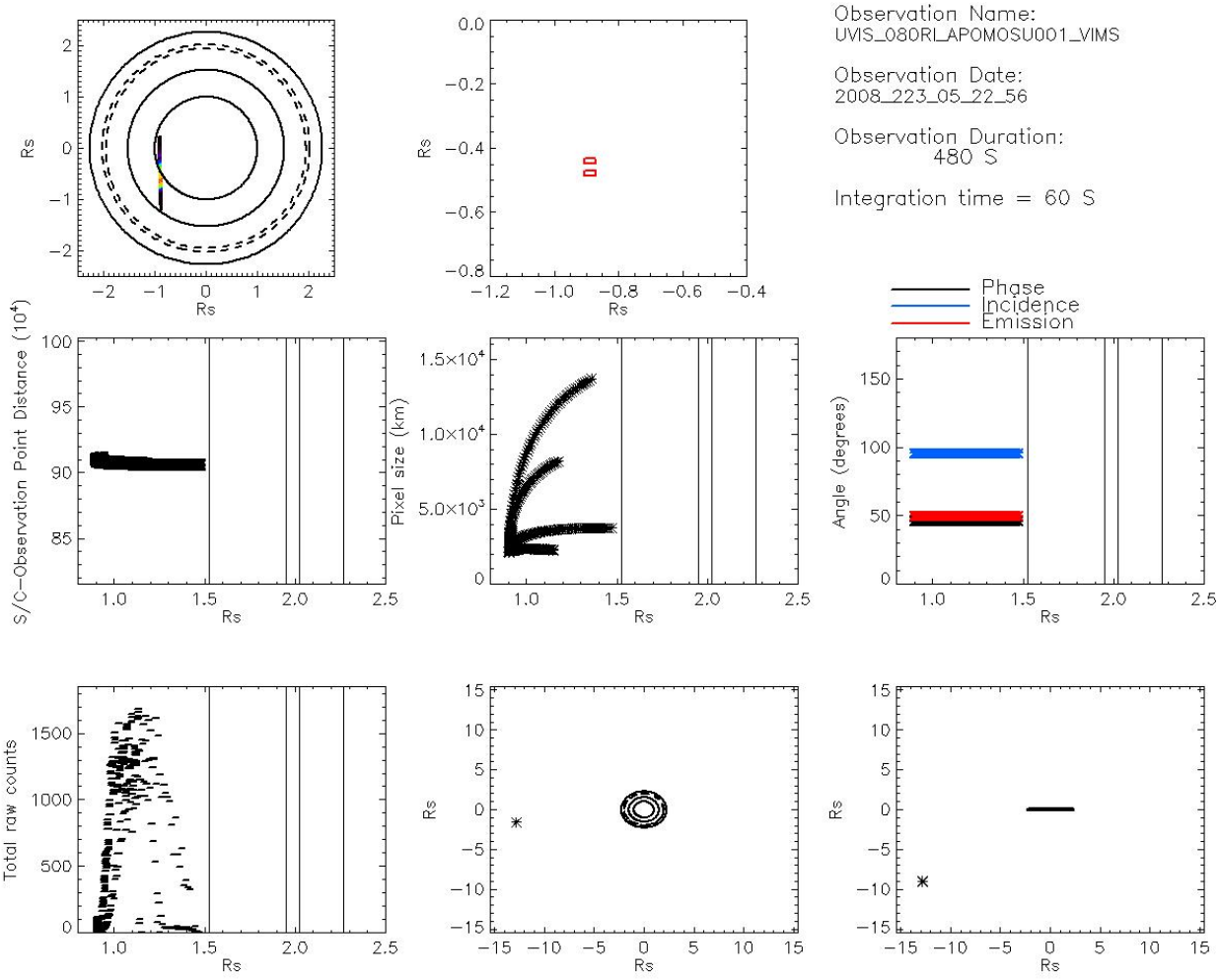

Observation Name:
UVIS_080RI_APOMOSU001_VIMS
Observation Date:
2008_223_04_41_21
Observation Duration:
480 S
Integration time = 60 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts

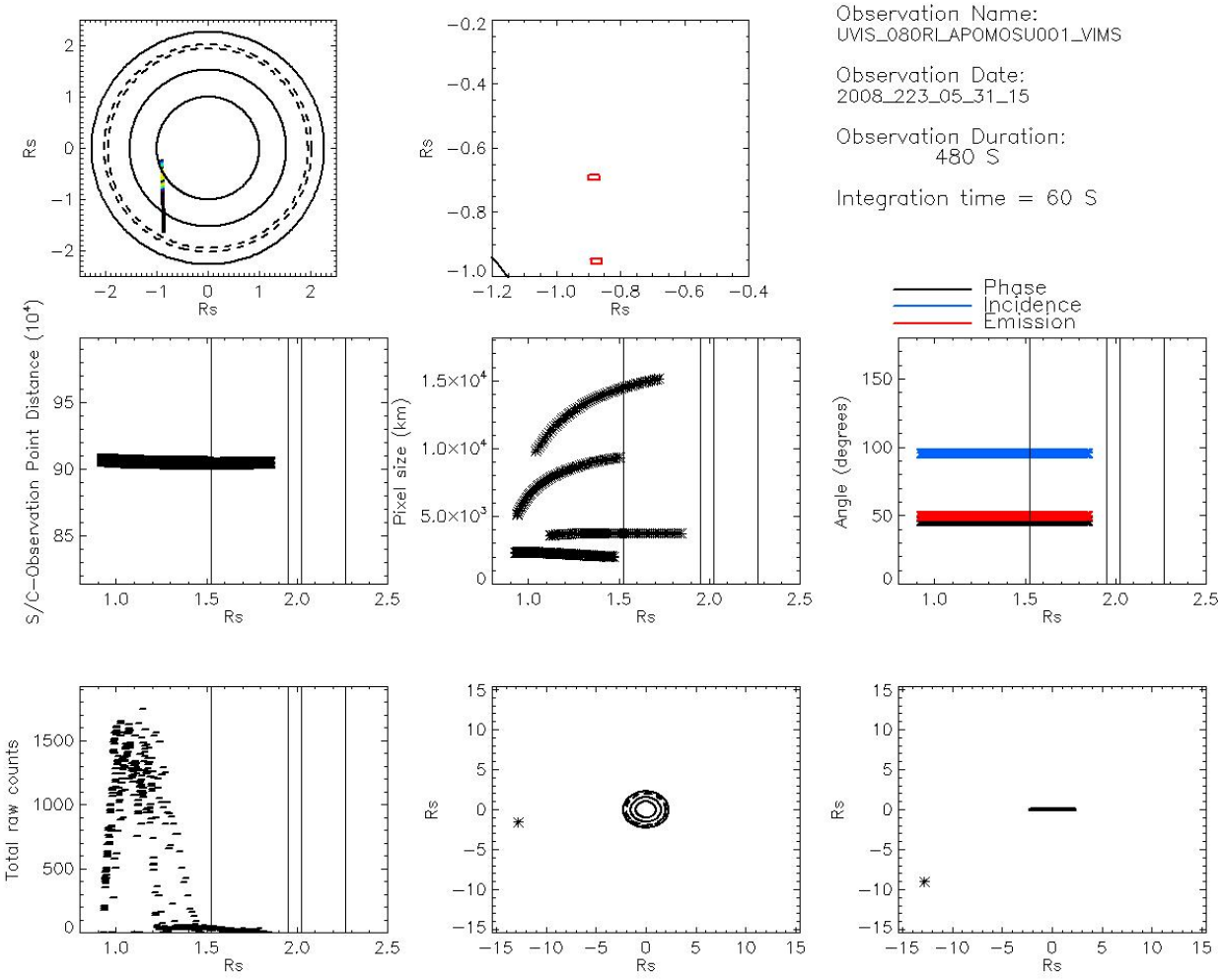

Observation Name:
UVIS_080RI_APOMOSU001_VIMS
Observation Date:
2008_223_04_49_40
Observation Duration:
480 S
Integration time = 60 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts

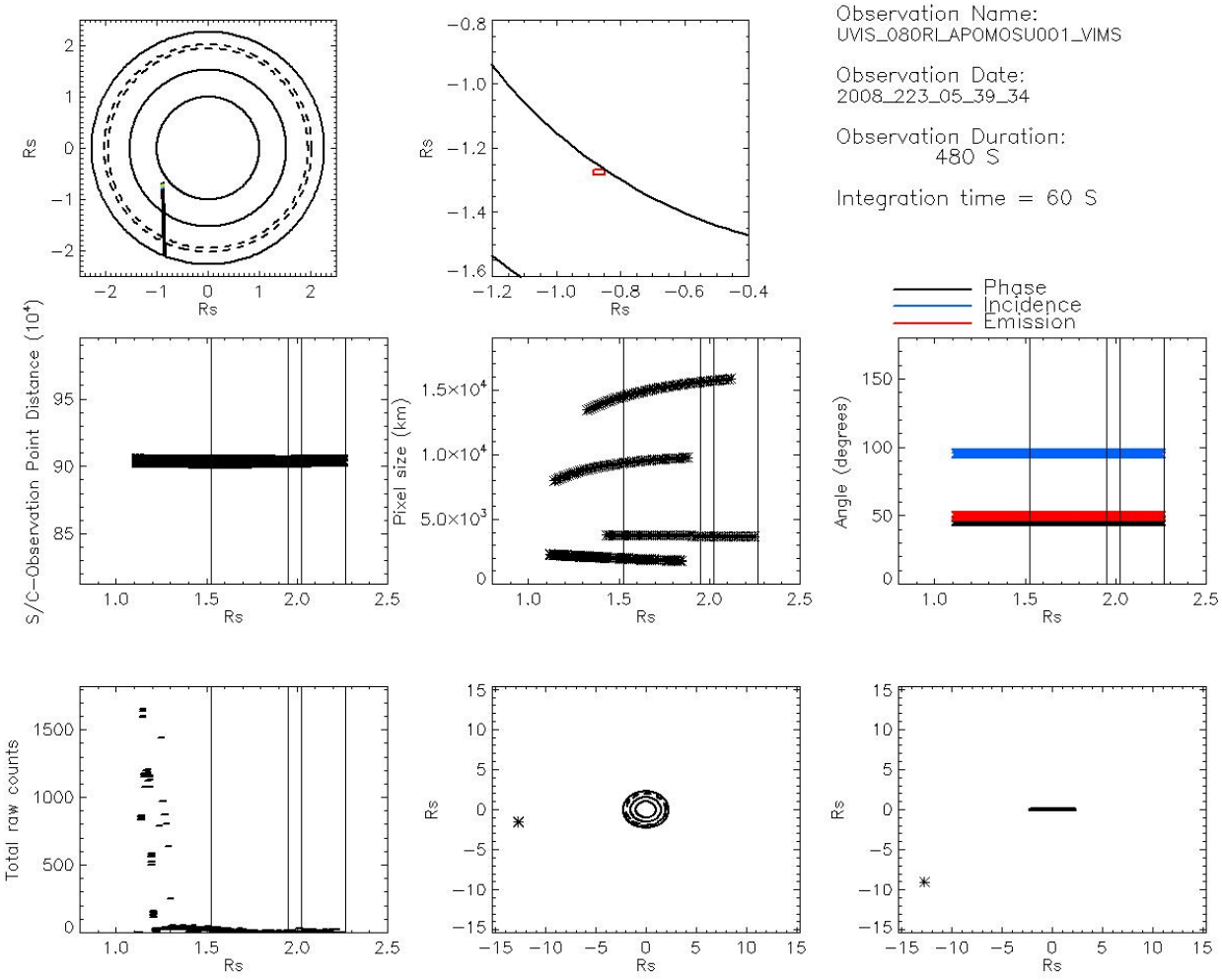

Observation Name:
UVIS_080RI_APOMOSU001_VIMS
Observation Date:
2008_223_04_57_59
Observation Duration:
480 S
Integration time = 60 S
Phase
Incidence
Emission
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts
Rs

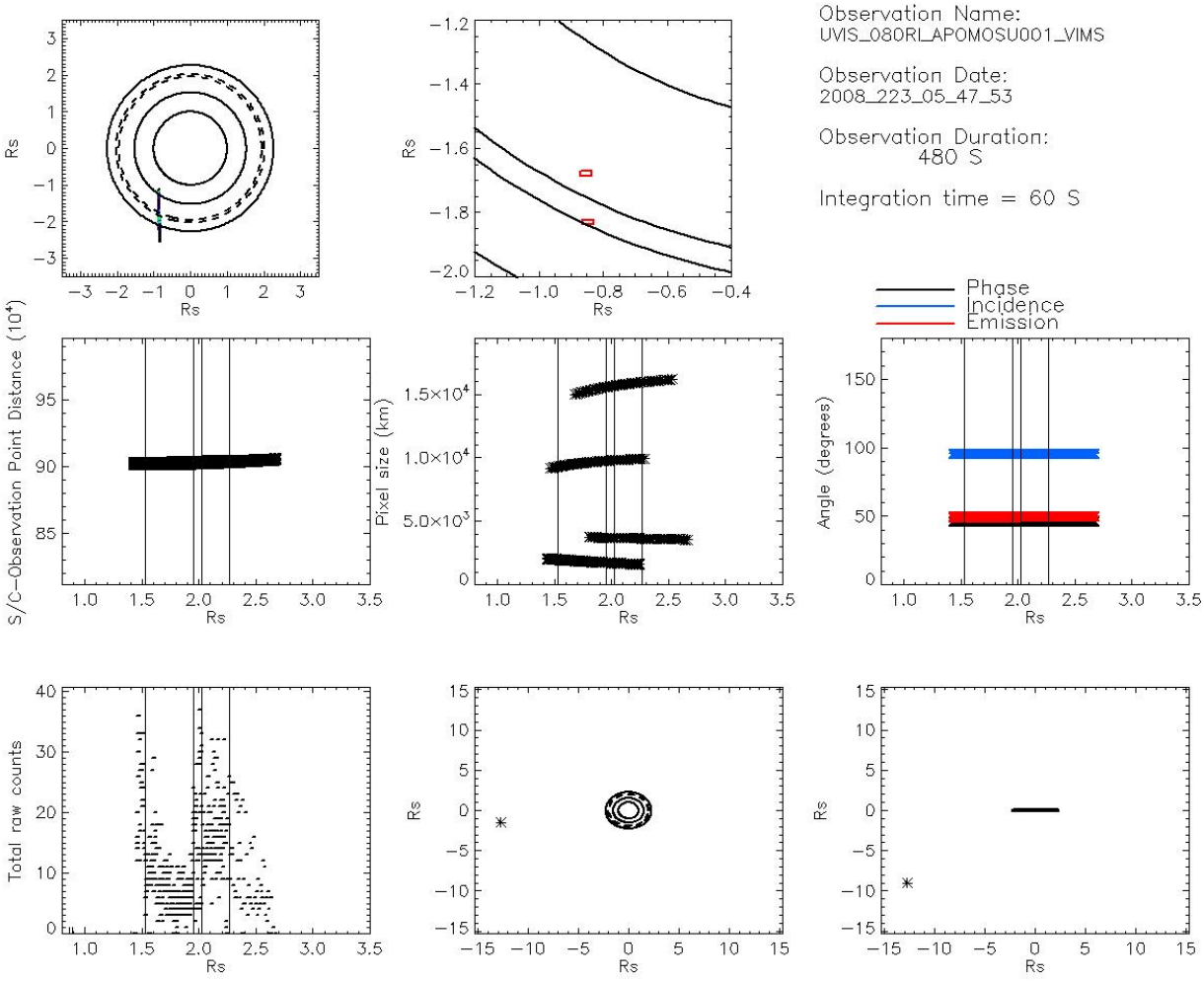

Observation Name:
UVIS_080RI_APOMOSU001_VIMS
Observation Date:
2008_223_05_06_18
Observation Duration:
480 S
Integration time = 60 S
Phase
Incidence
Emission
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts
Rs

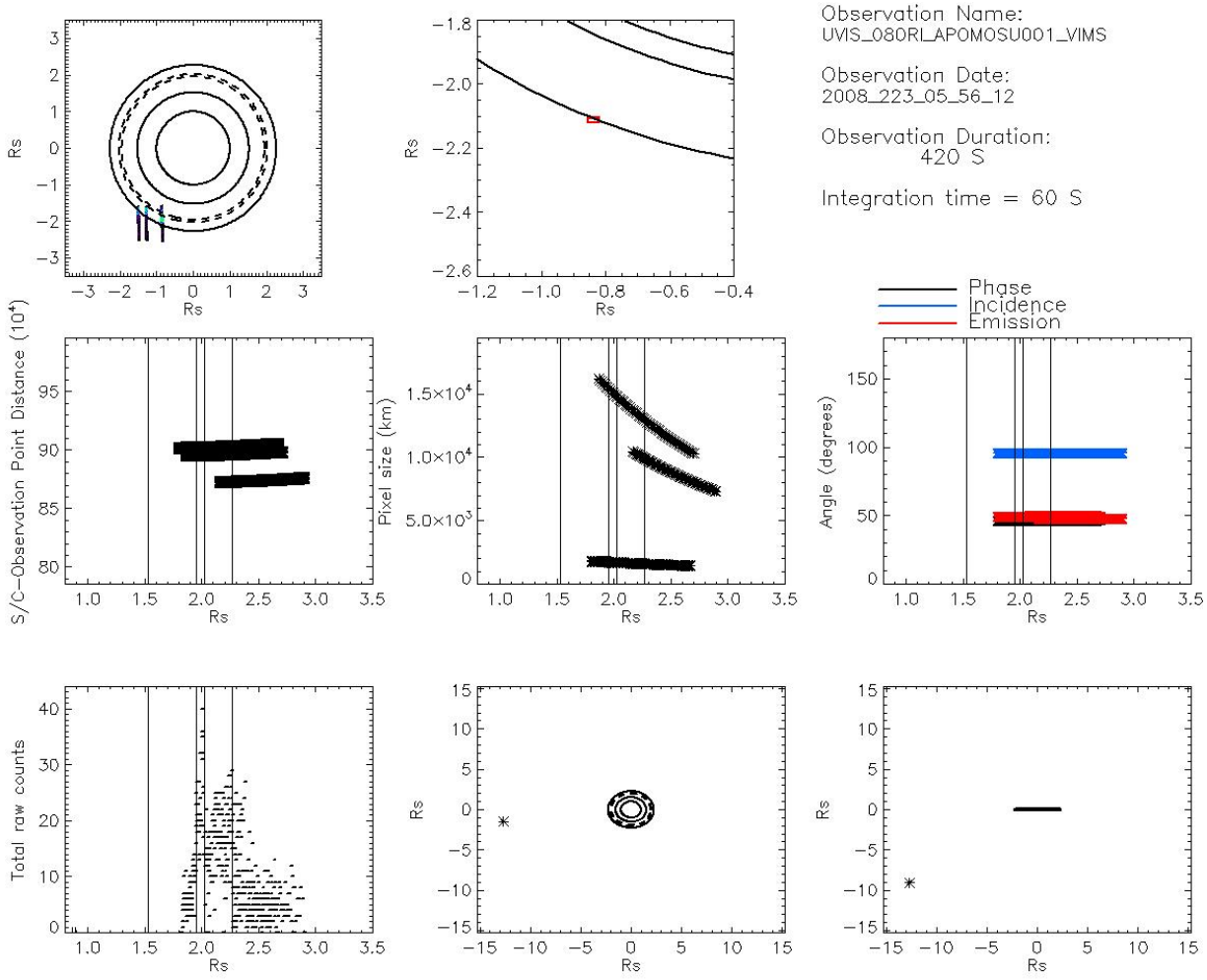

Observation Name:
UVIS_080RI_APOMOSU001_VIMS
Observation Date:
2008_223_05_14_37
Observation Duration:
480 S
Integration time = 60 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts

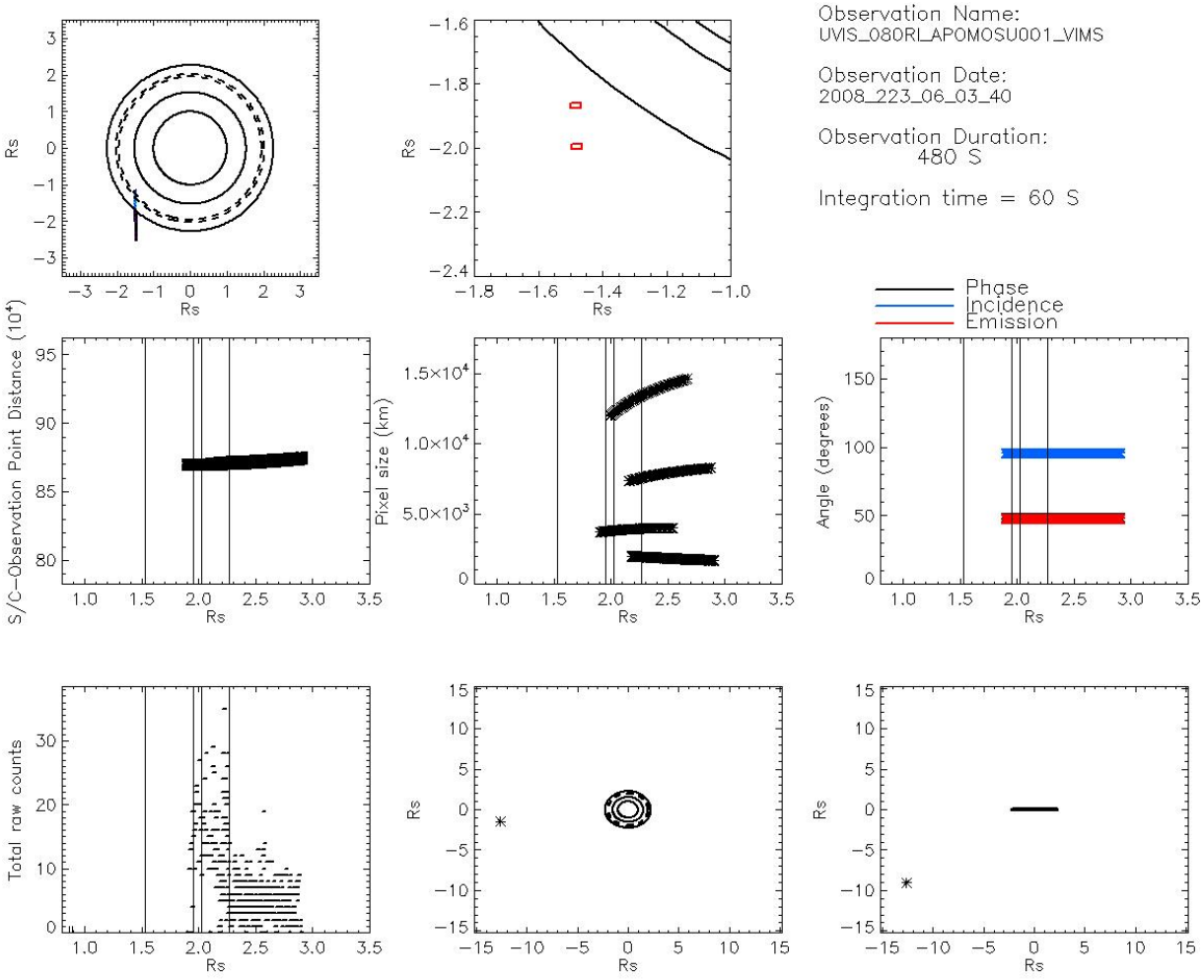

Observation Name:
UVIS_080RI_APOMOSU001_VIMS
Observation Date:
2008_223_05_22_56
Observation Duration:
480 S
Integration time = 60 S
Phase
Incidence
Emission
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts
Rs

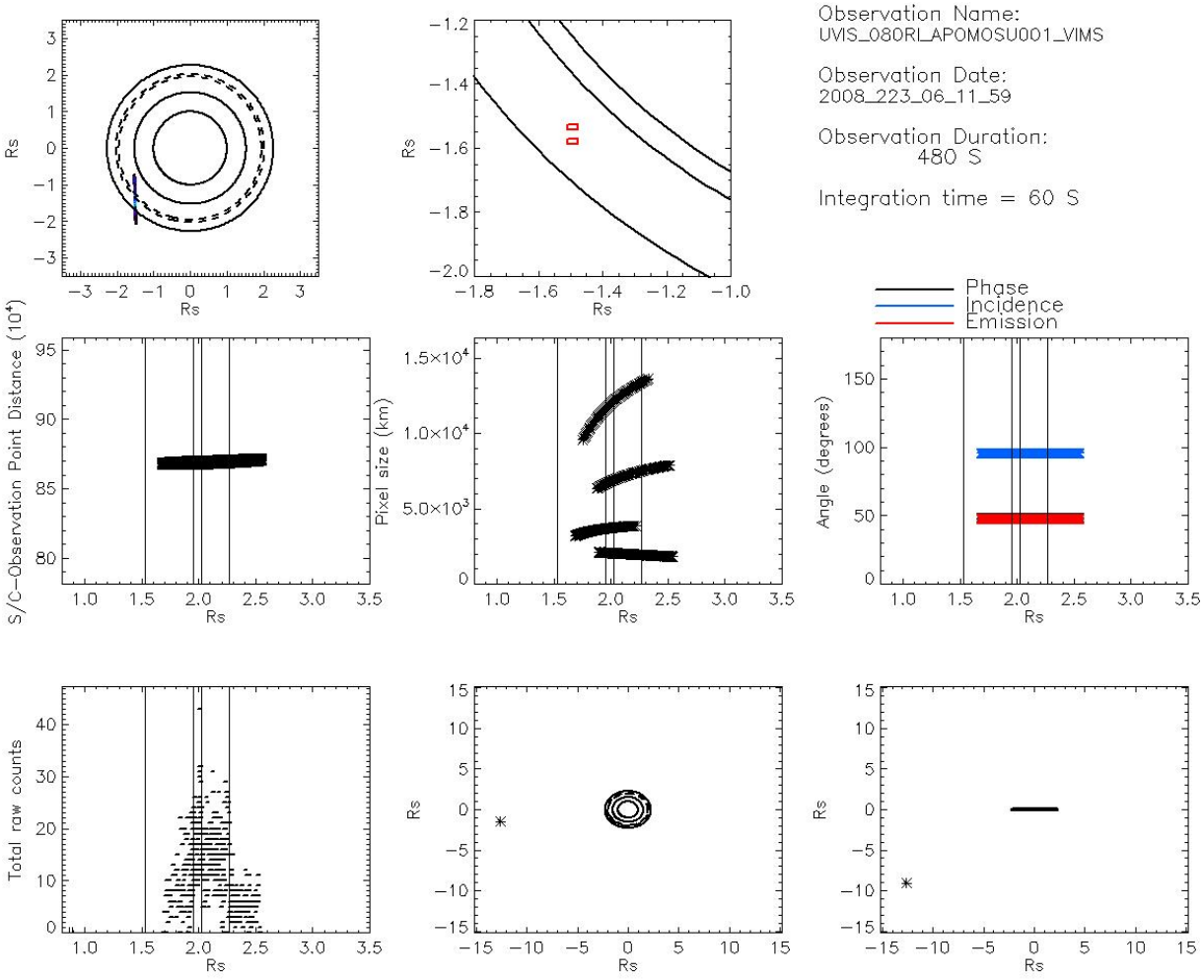

Observation Name:
UVIS_080RI_APOMOSU001_VIMS
Observation Date:
2008_223_05_31_15
Observation Duration:
480 S
Integration time = 60 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts

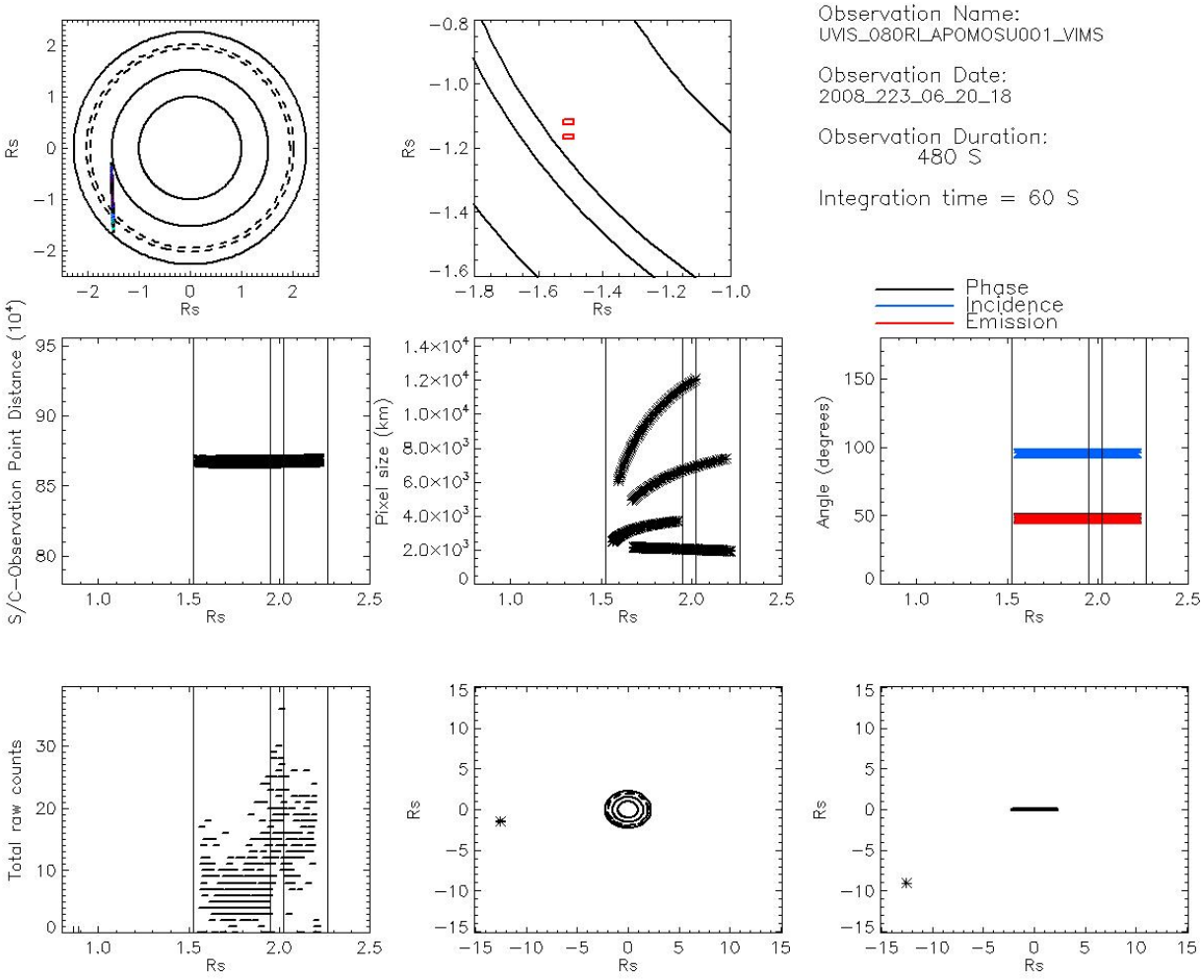

Observation Name:
UVIS_080RI_APOMOSU001_VIMS
Observation Date:
2008_223_05_39_34
Observation Duration:
480 S
Integration time = 60 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10⁴)
Pixel size (km)
Angle (degrees)
Total raw counts

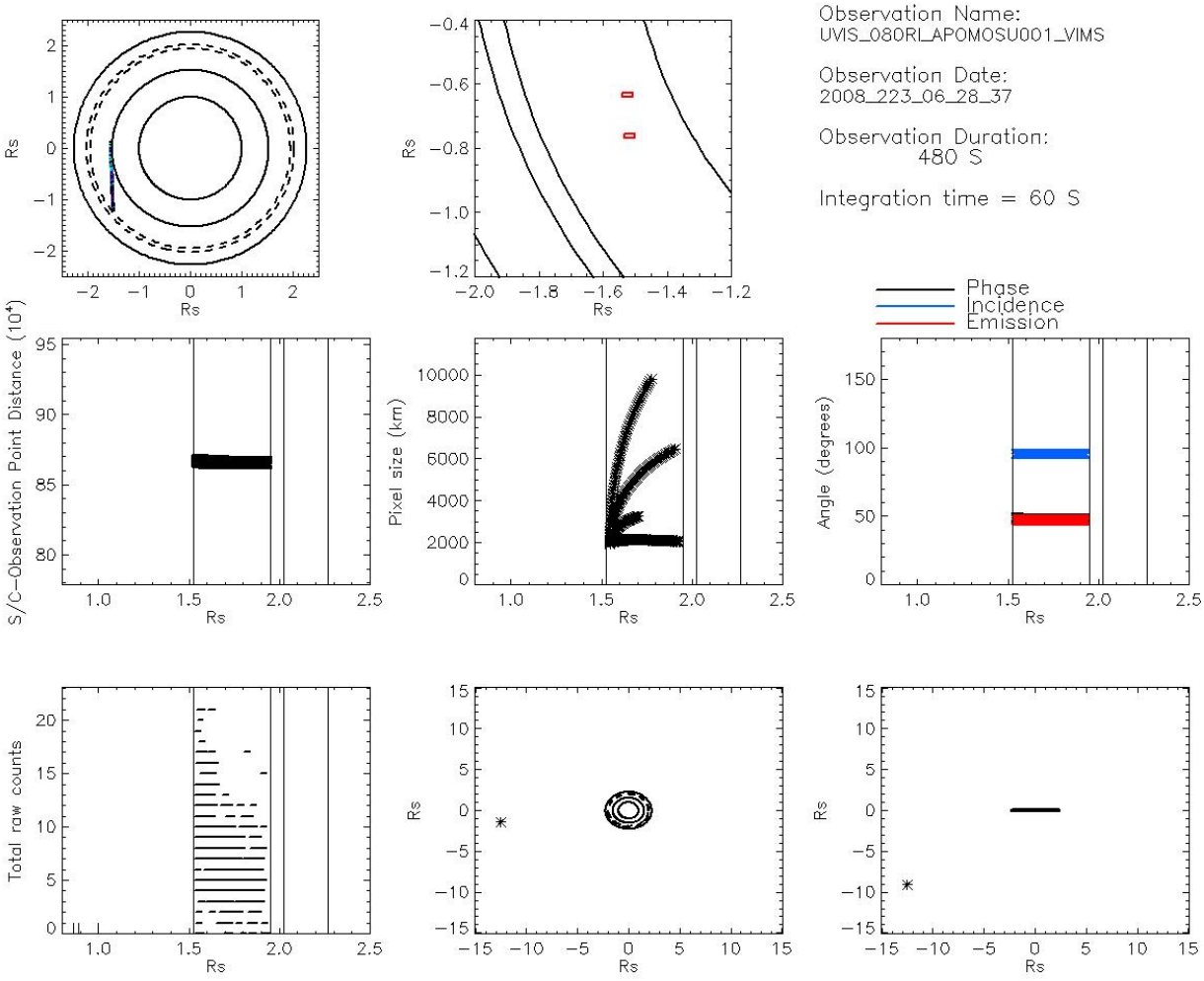

Observation Name:
UVIS_080RI_APOMOSU001_VIMS
Observation Date:
2008_223_05_47_53
Observation Duration:
480 S
Integration time = 60 S
Phase
Incidence
Emission
Rs
S/C-Observation Point Distance (10⁴)
Pixel size (km)
Angle (degrees)
Total raw counts

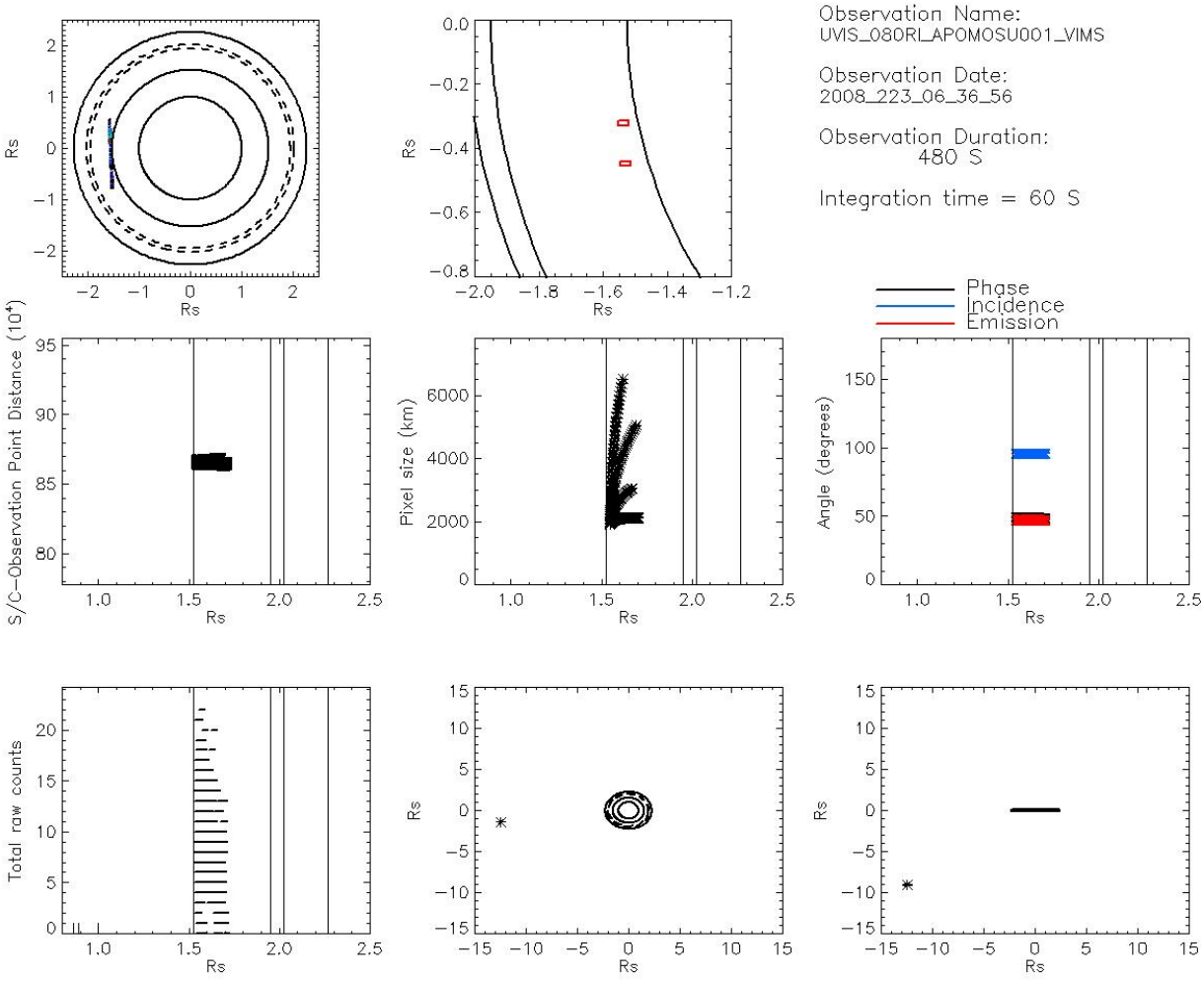

Observation Name:
UVIS_080RI_APOMOSU001_VIMS
Observation Date:
2008_223_05_56_12
Observation Duration:
420 S
Integration time = 60 S
Phase
Incidence
Emission
Rs
S/C-Observation Point Distance (10⁴)
Pixel size (km)
Angle (degrees)
Total raw counts

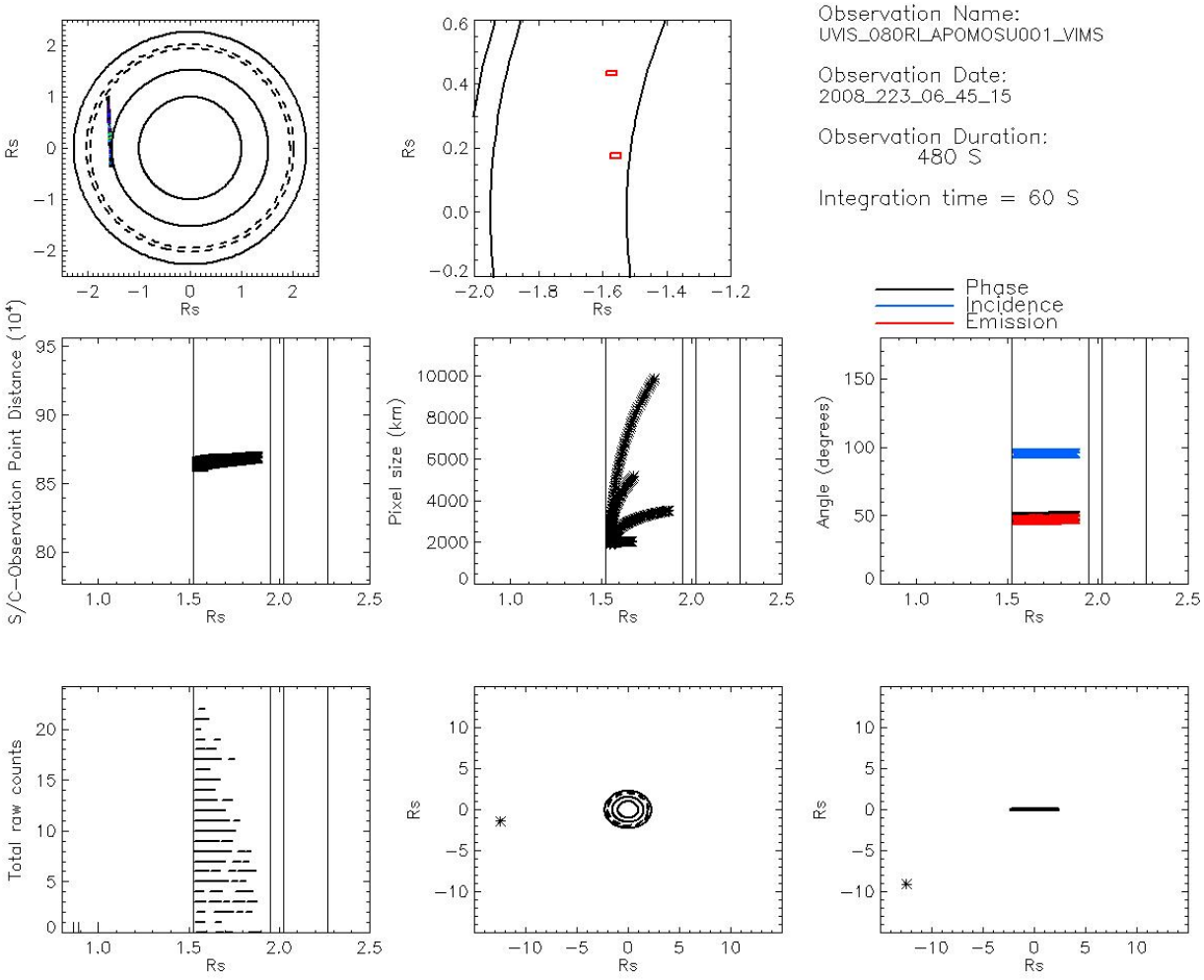

Observation Name:
UVIS_080RI_APOMOSU001_VIMS
Observation Date:
2008_223_06_03_40
Observation Duration:
480 S
Integration time = 60 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts

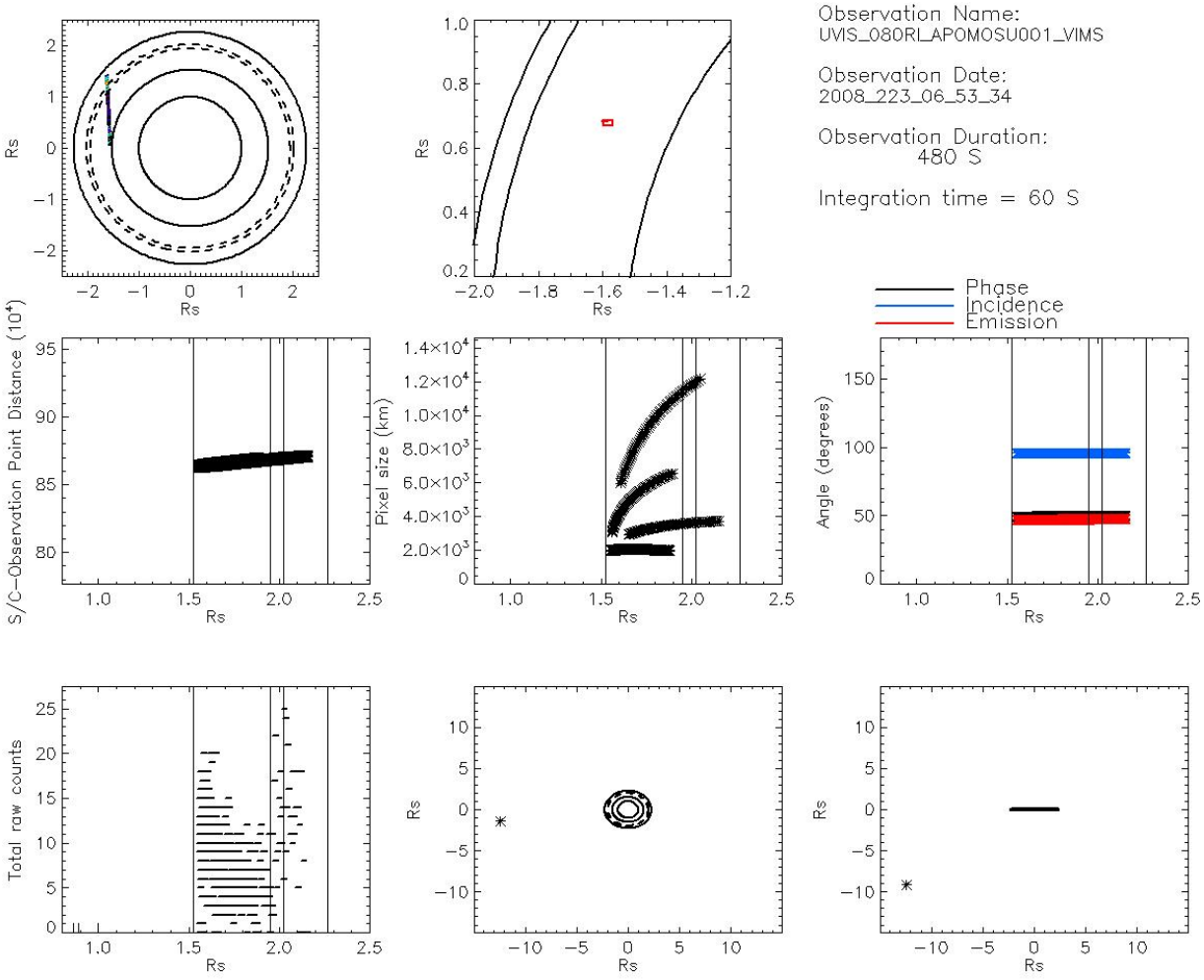

Observation Name:
UVIS_080RI_APOMOSU001_VIMS
Observation Date:
2008_223_06_11_59
Observation Duration:
480 S
Integration time = 60 S
Phase
Incidence
Emission
S/C-Observation Point Distance (10⁴)
Pixel size (km)
Angle (degrees)
Total raw counts
Rs

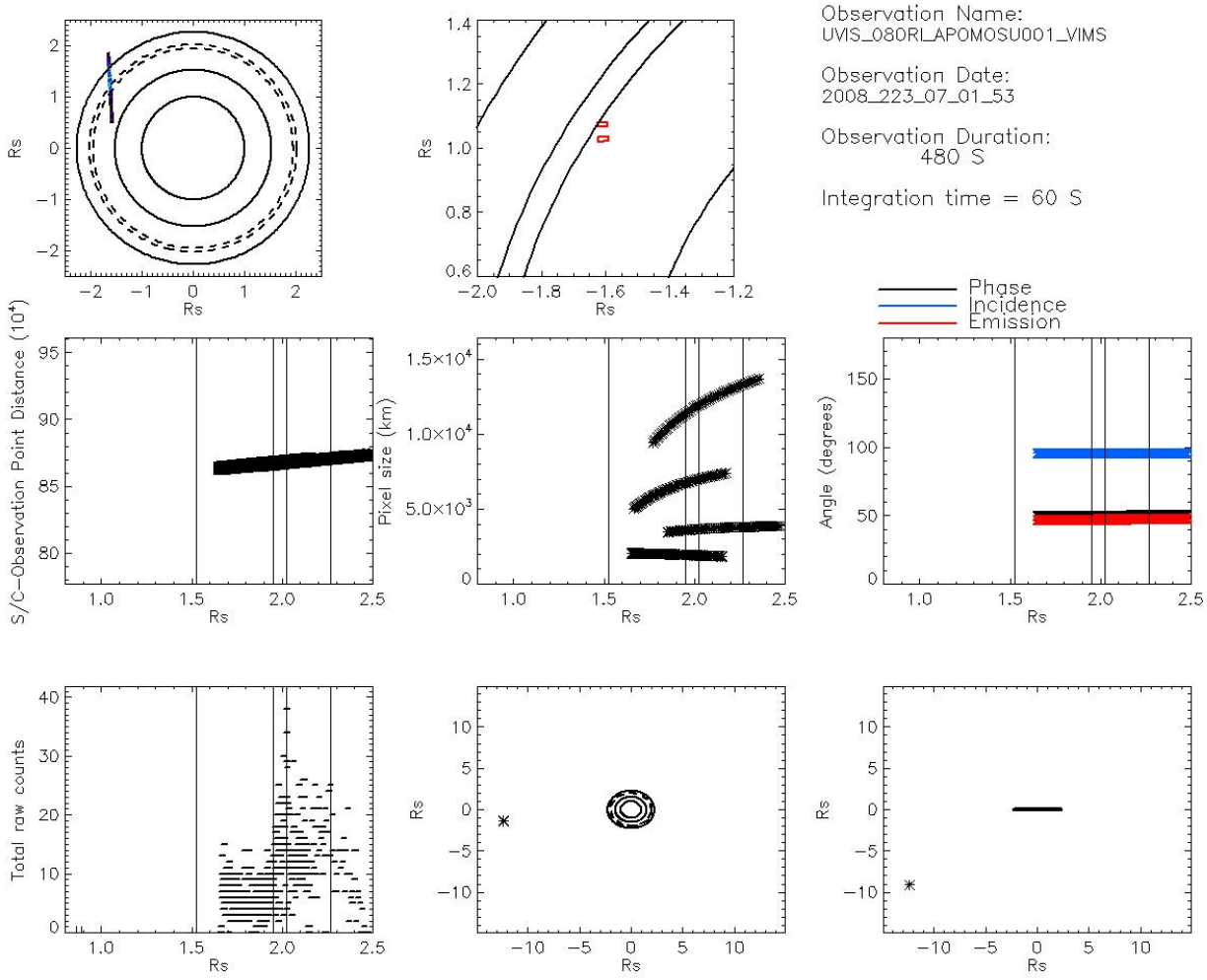

Observation Name:
UVIS_080RI_APOMOSU001_VIMS
Observation Date:
2008_223_06_20_18
Observation Duration:
480 S
Integration time = 60 S
Phase
Incidence
Emission
Rs
S/C-Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts

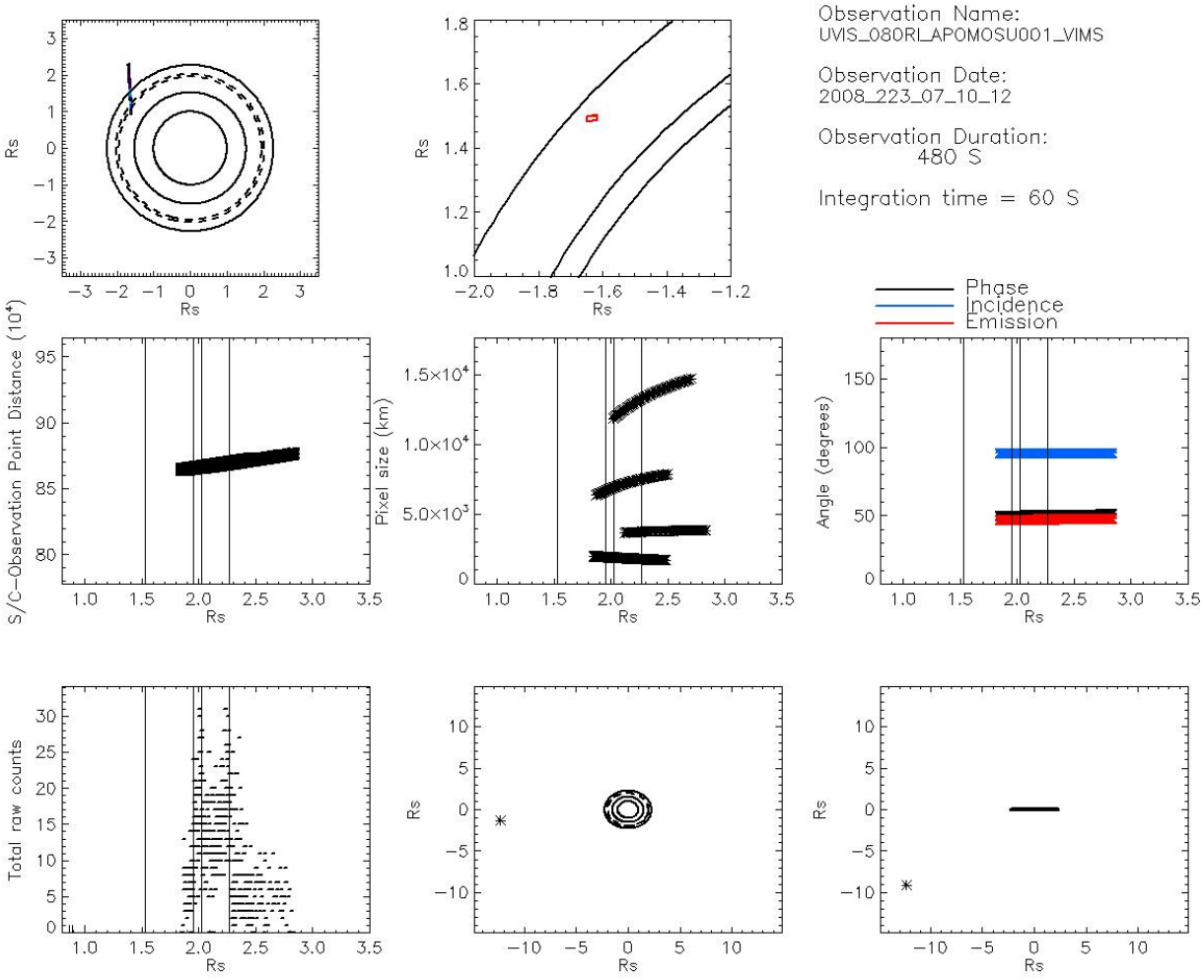

Observation Name:
UVIS_080RI_APOMOSU001_VIMS
Observation Date:
2008_223_06_28_37
Observation Duration:
480 S
Integration time = 60 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts

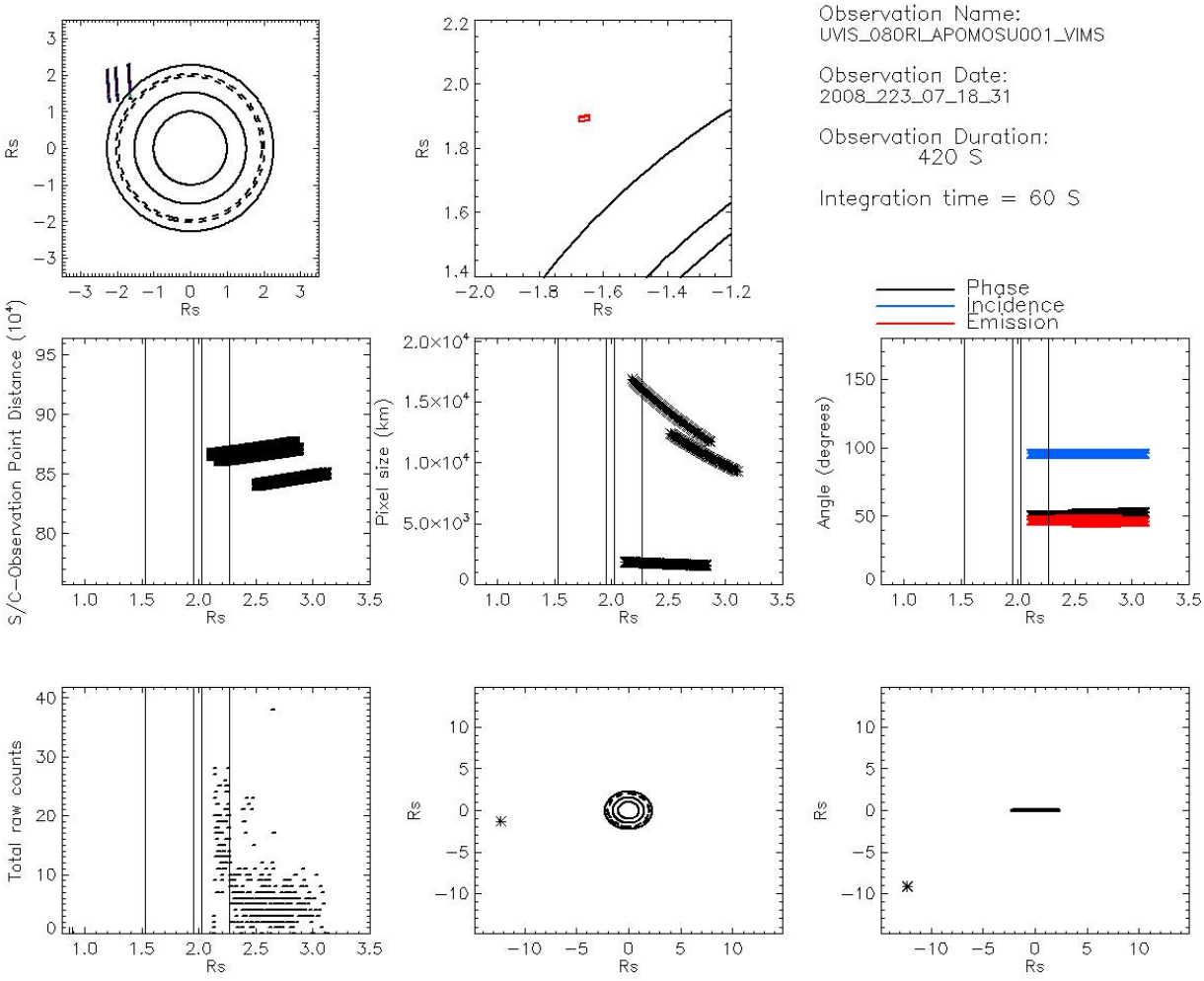

Observation Name:
UVIS_080RI_APOMOSU001_VIMS
Observation Date:
2008_223_06_36_56
Observation Duration:
480 S
Integration time = 60 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts

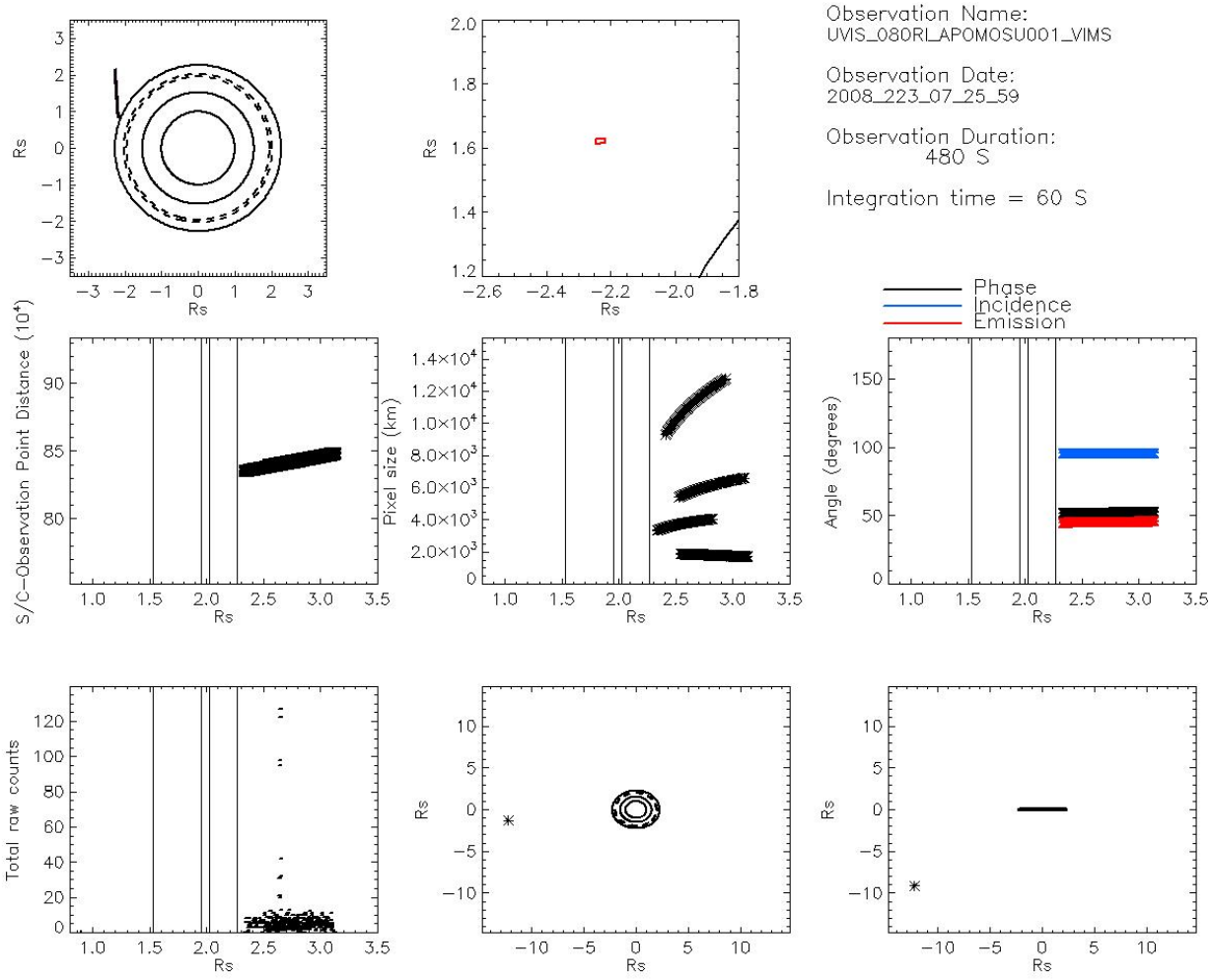

Observation Name:
UVIS_080RI_APOMOSU001_VIMS
Observation Date:
2008_223_06_45_15
Observation Duration:
480 S
Integration time = 60 S
Phase
Incidence
Emission
Rs
S/C-Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts

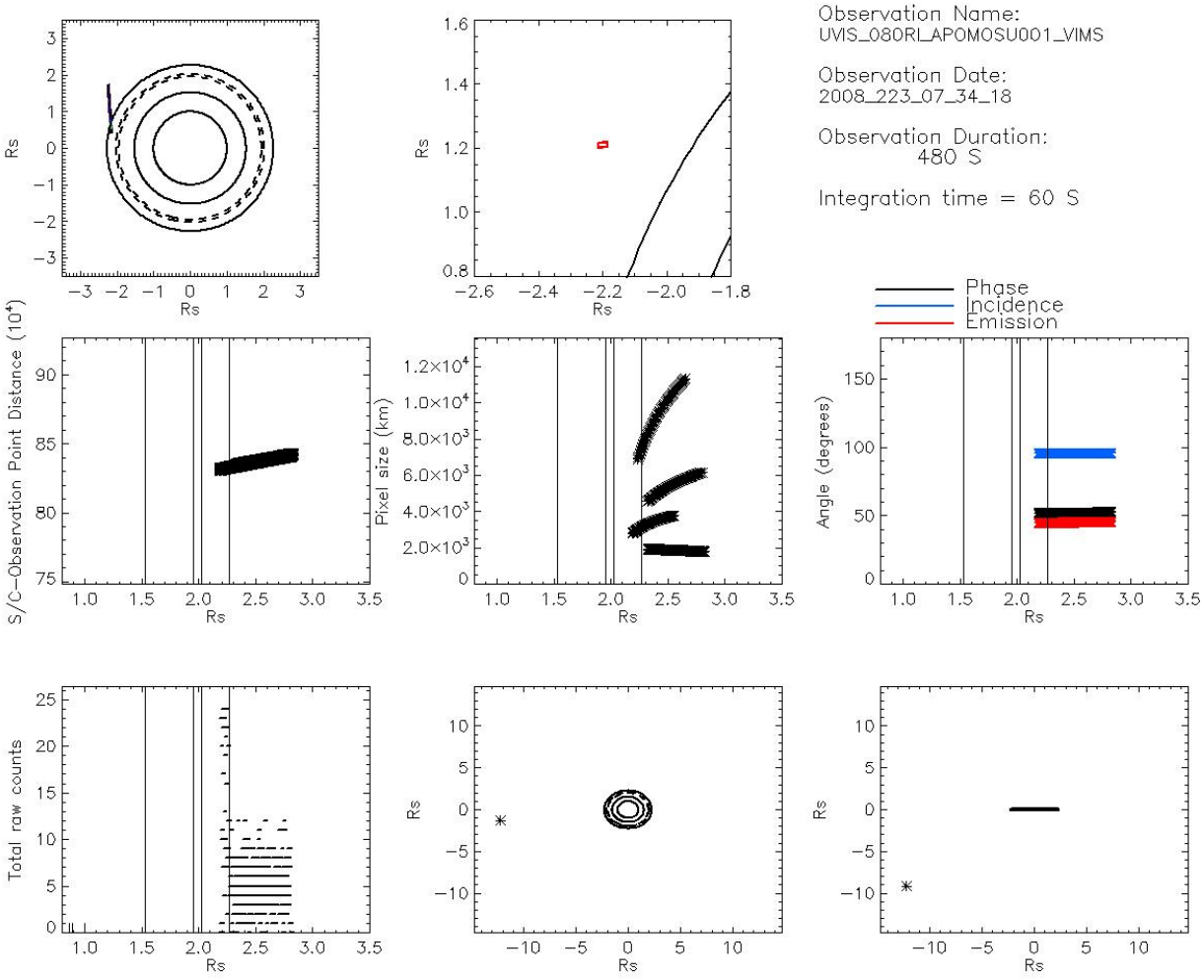

Observation Name:
UVIS_080RI_APOMOSU001_VIMS
Observation Date:
2008_223_06_53_34
Observation Duration:
480 S
Integration time = 60 S
Phase
Incidence
Emission
Rs
S/C-Observation Point Distance (10⁴)
Pixel size (km)
Angle (degrees)
Total raw counts

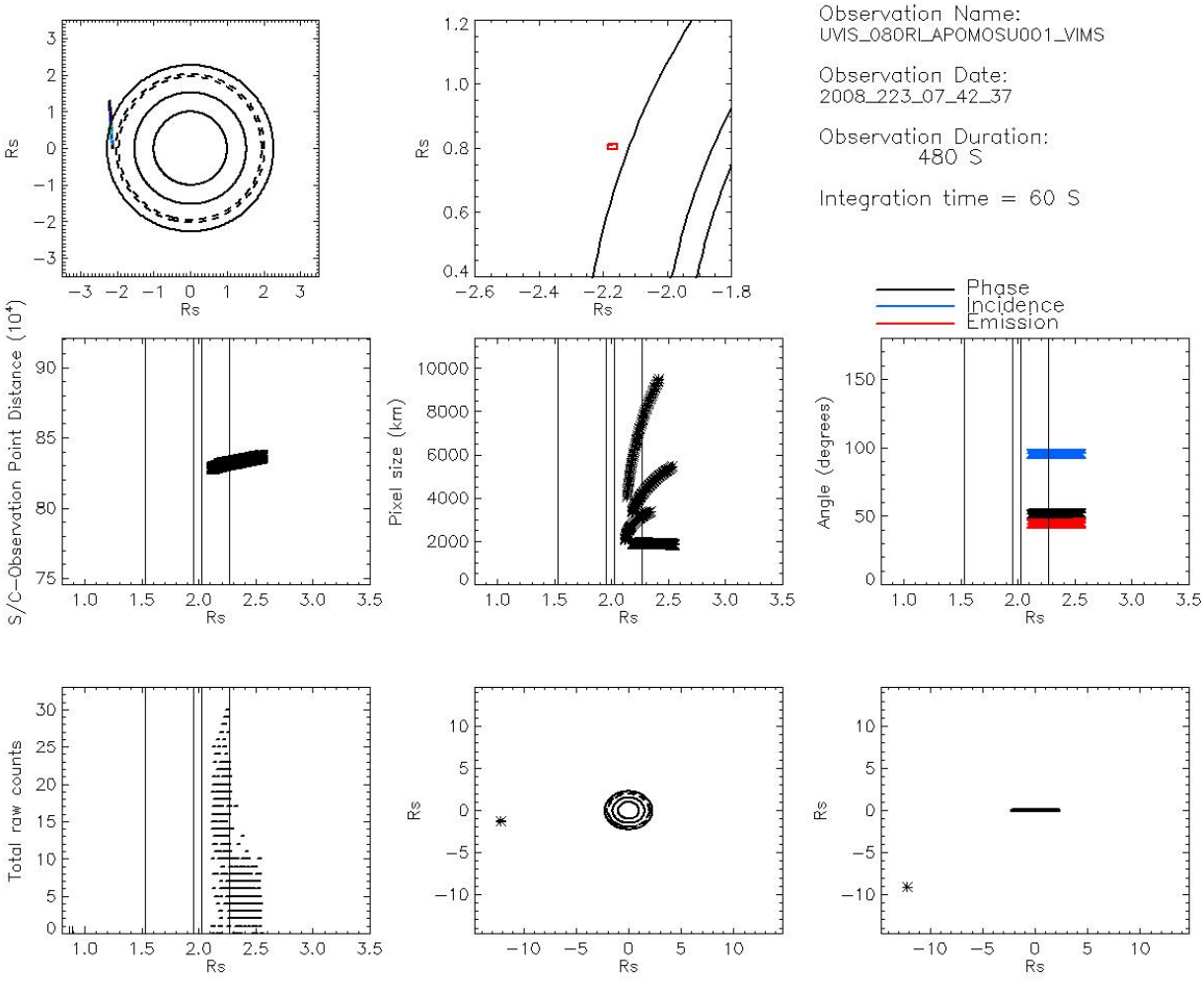

Observation Name:
UVIS_080RI_APOMOSU001_VIMS
Observation Date:
2008_223_07_01_53
Observation Duration:
480 S
Integration time = 60 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts

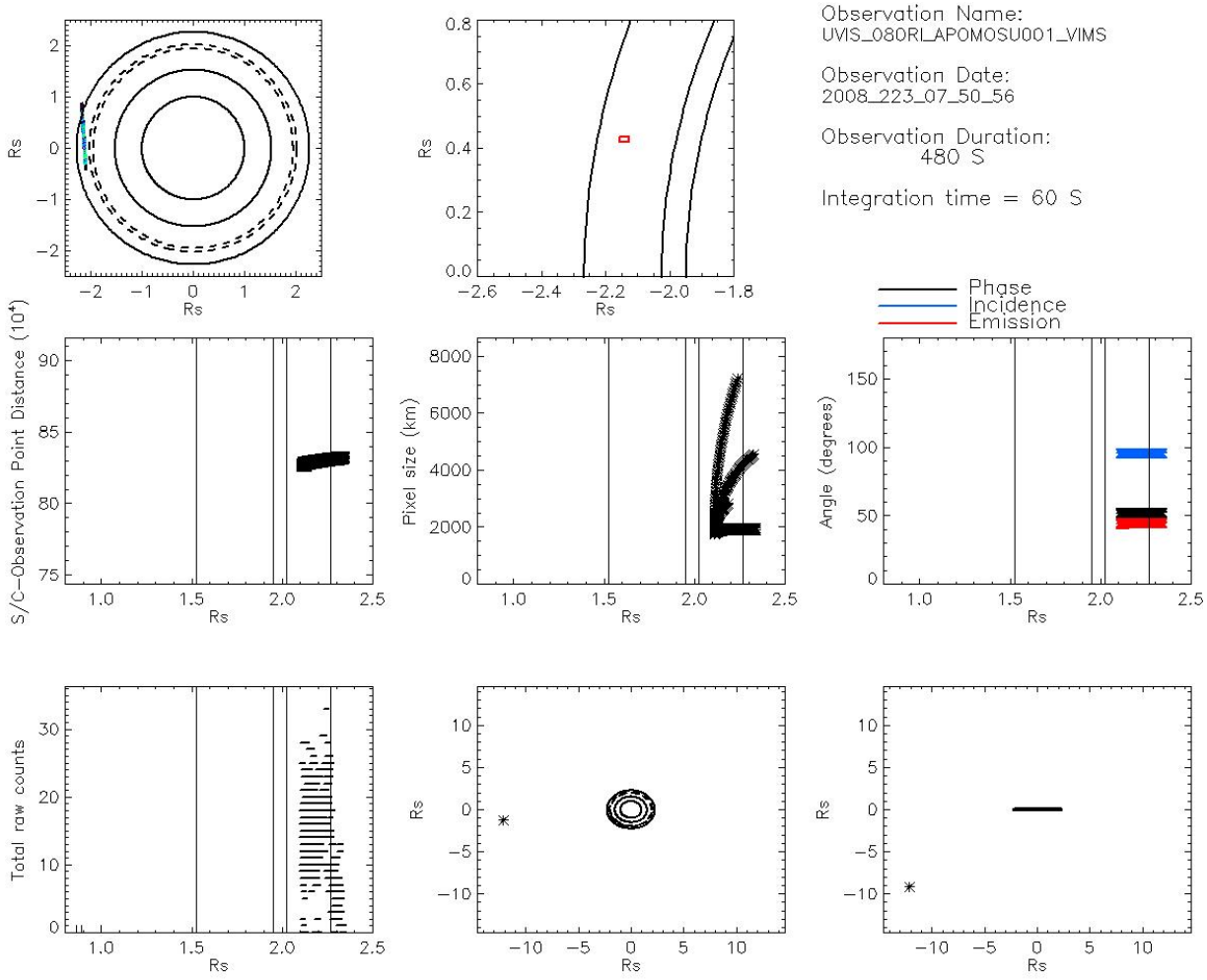

Observation Name:
UVIS_080RI_APOMOSU001_VIMS
Observation Date:
2008_223_07_10_12
Observation Duration:
480 S
Integration time = 60 S
Phase
Incidence
Emission
Rs
S/C-Observation Point Distance (10⁴)
Pixel size (km)
Angle (degrees)
Total raw counts

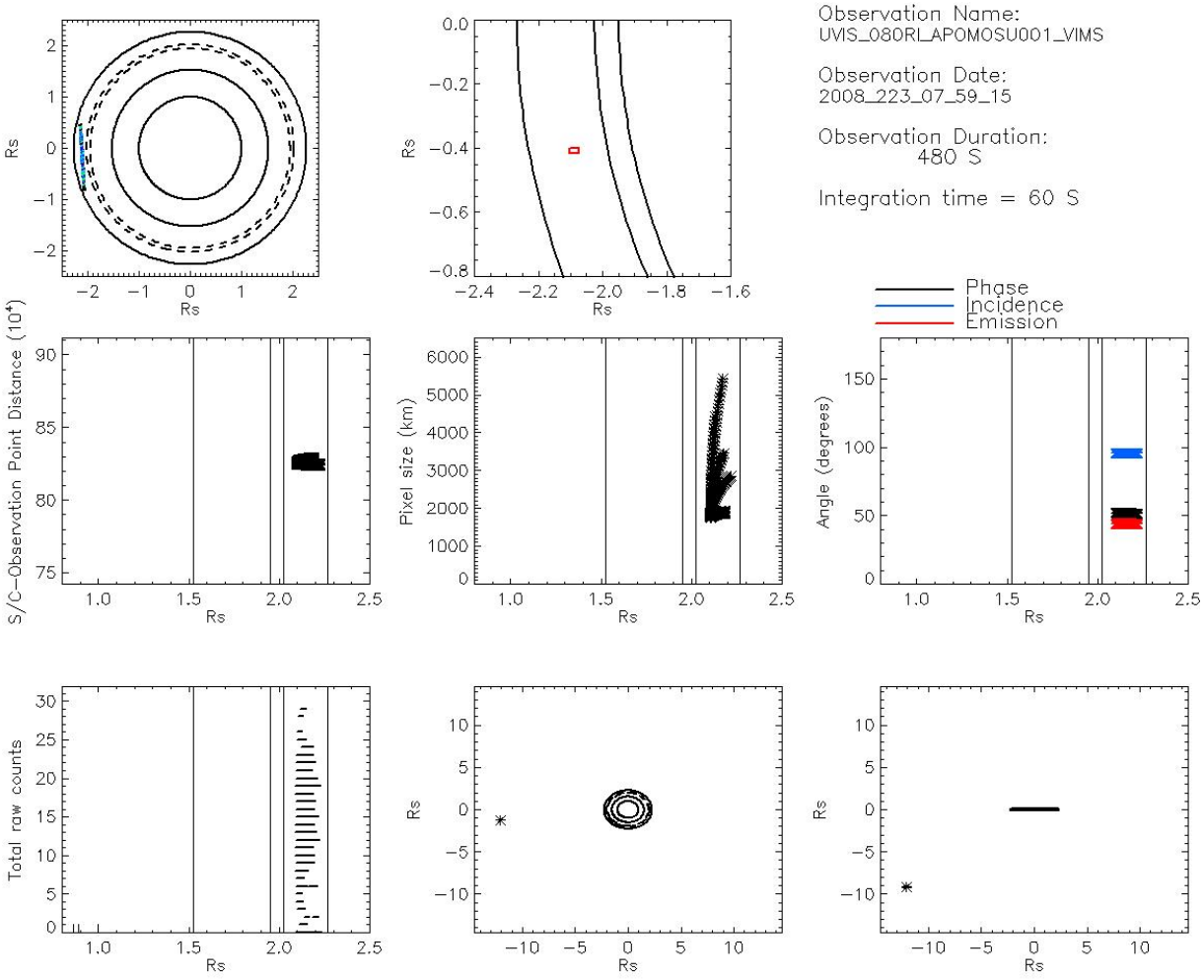

Observation Name:
UVIS_080RI_APOMOSU001_VIMS
Observation Date:
2008_223_07_18_31
Observation Duration:
420 S
Integration time = 60 S
Phase
Incidence
Emission
Rs
S/C-Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts

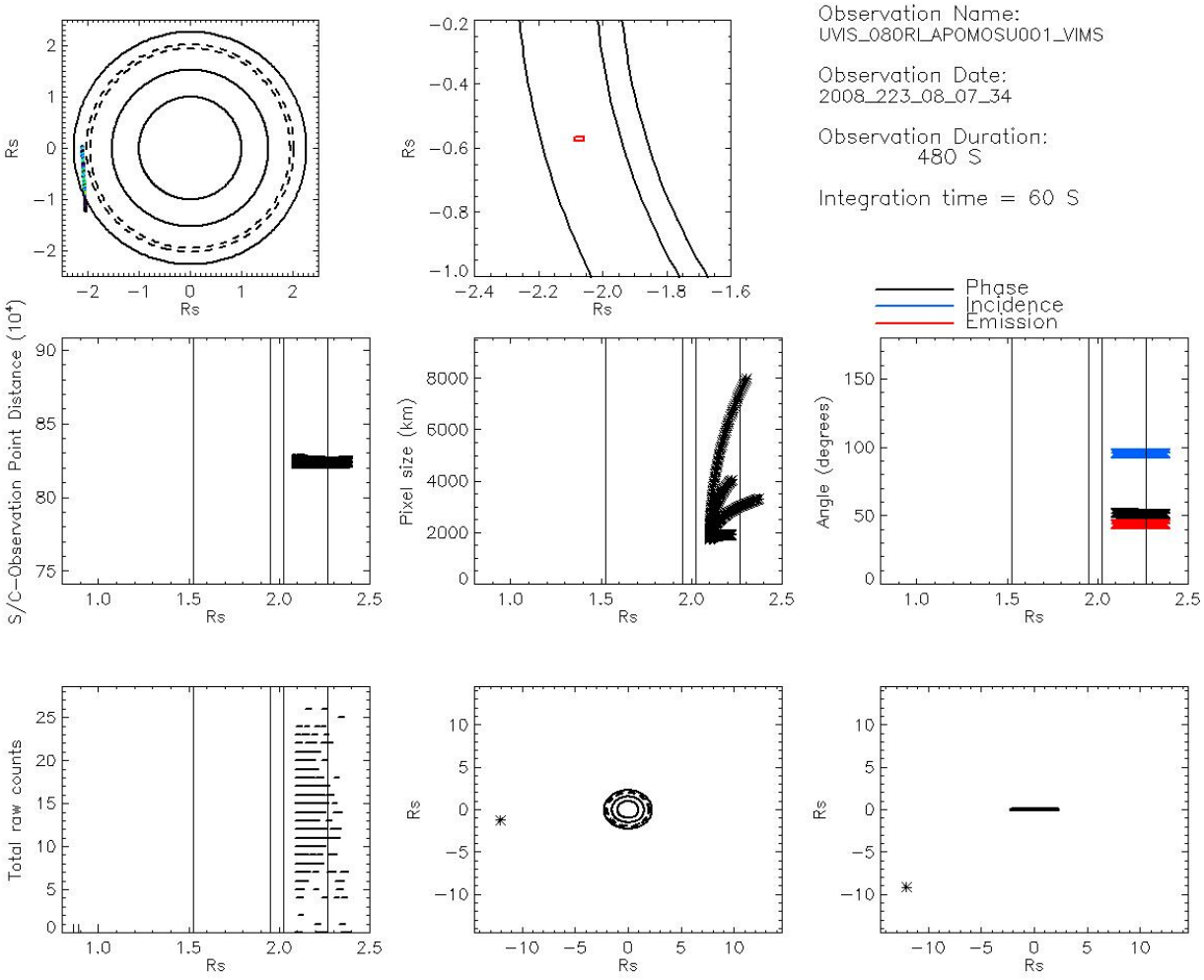

Observation Name:
UVIS_080RI_APOMOSU001_VIMS
Observation Date:
2008_223_07_25_59
Observation Duration:
480 S
Integration time = 60 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts

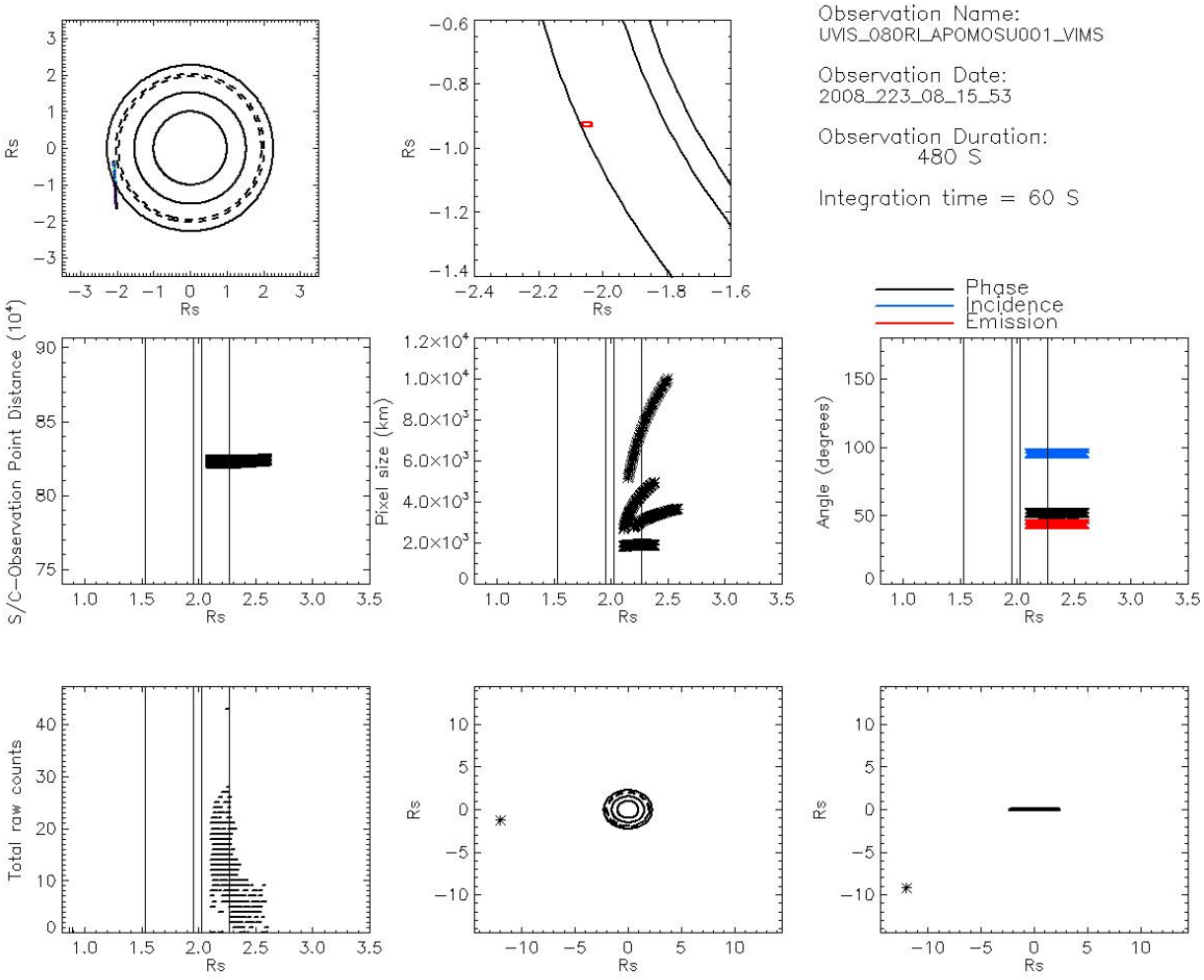

Observation Name:
UVIS_080RI_APOMOSU001_VIMS
Observation Date:
2008_223_07_34_18
Observation Duration:
480 S
Integration time = 60 S
Phase
Incidence
Emission
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts
Rs

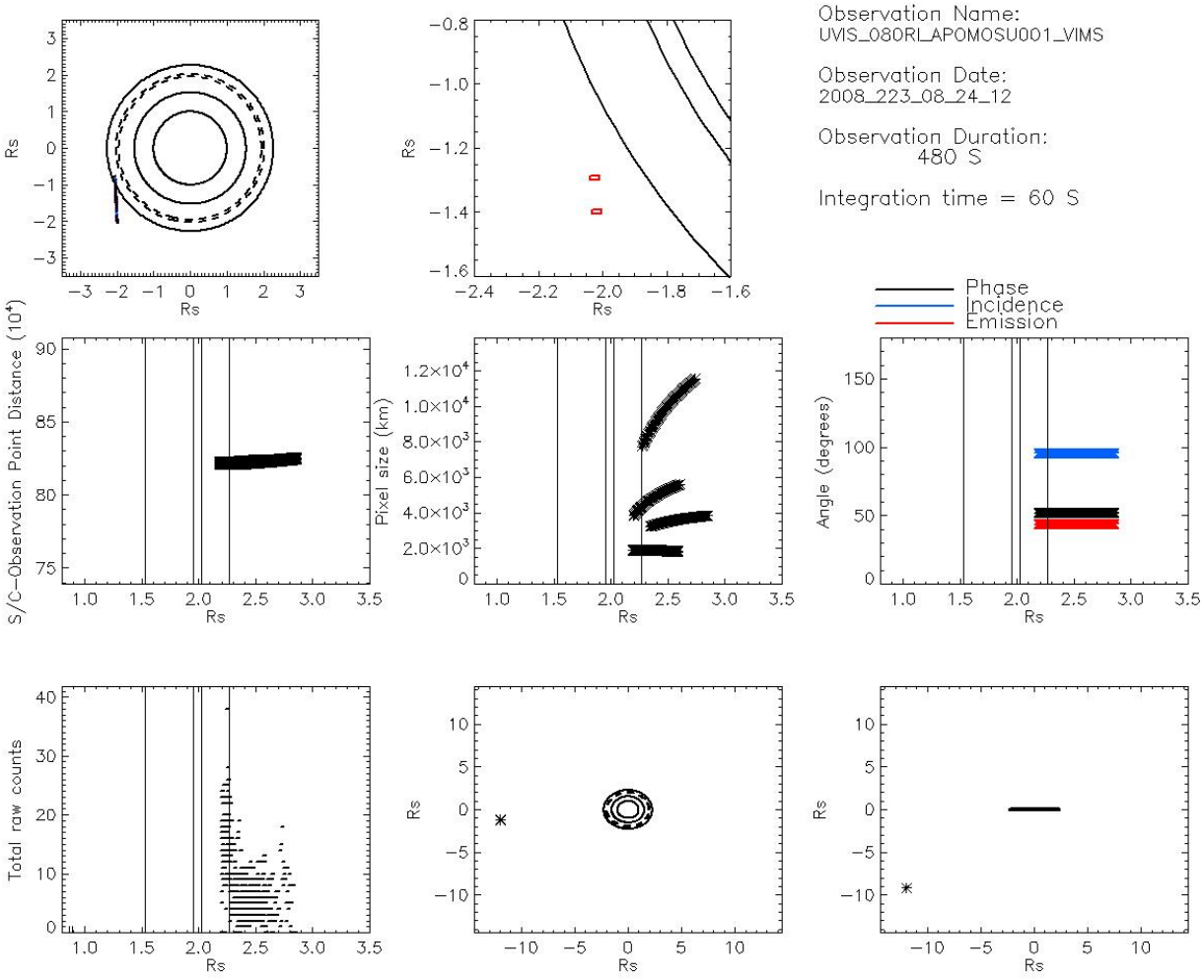

Observation Name:
UVIS_080RI_APOMOSU001_VIMS
Observation Date:
2008_223_07_42_37
Observation Duration:
480 S
Integration time = 60 S
Phase
Incidence
Emission
Rs
S/C-Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts

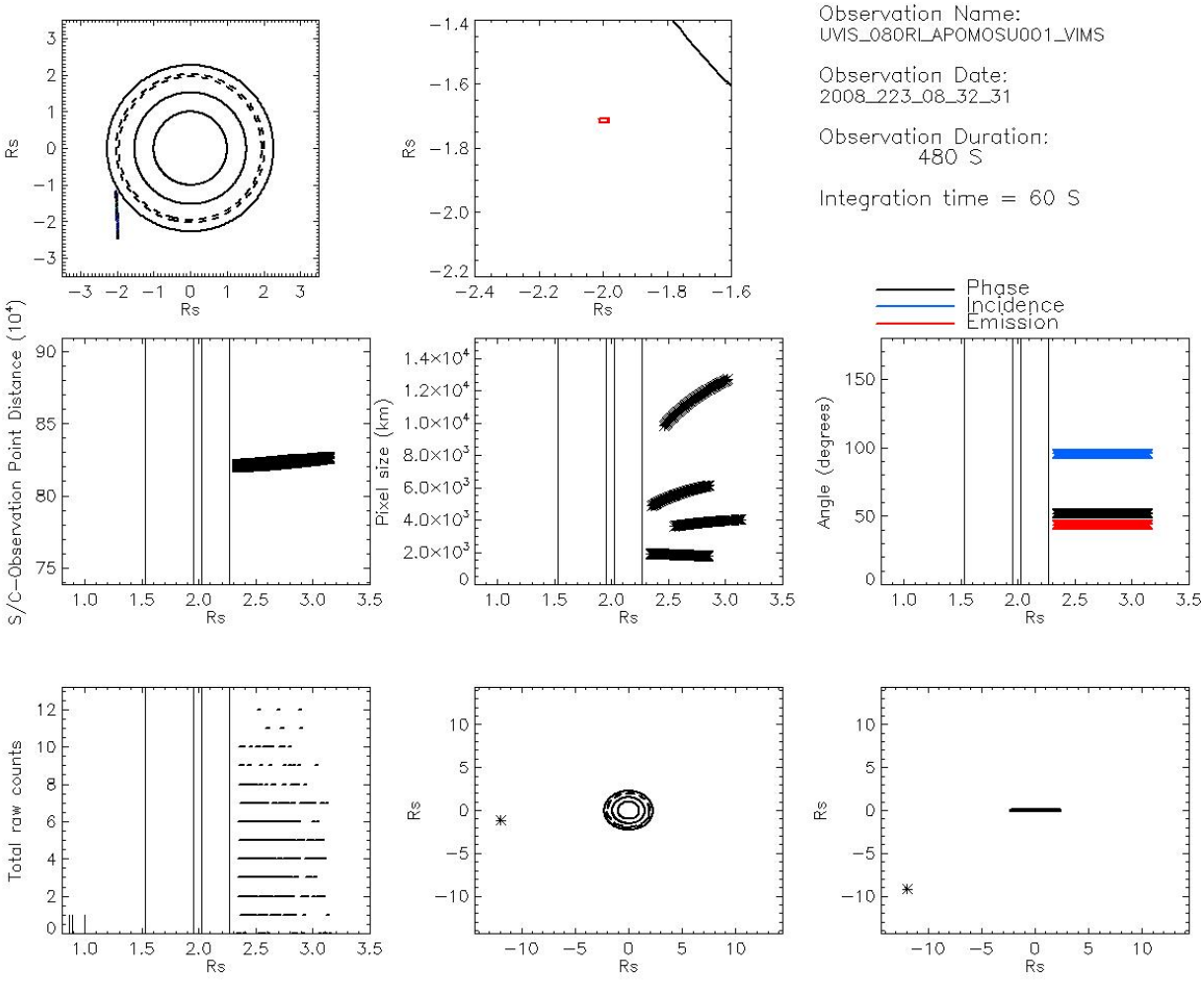

Observation Name:
UVIS_080RI_APOMOSU001_VIMS
Observation Date:
2008_223_07_50_56
Observation Duration:
480 S
Integration time = 60 S
Phase
Incidence
Emission
Rs
S/C-Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts

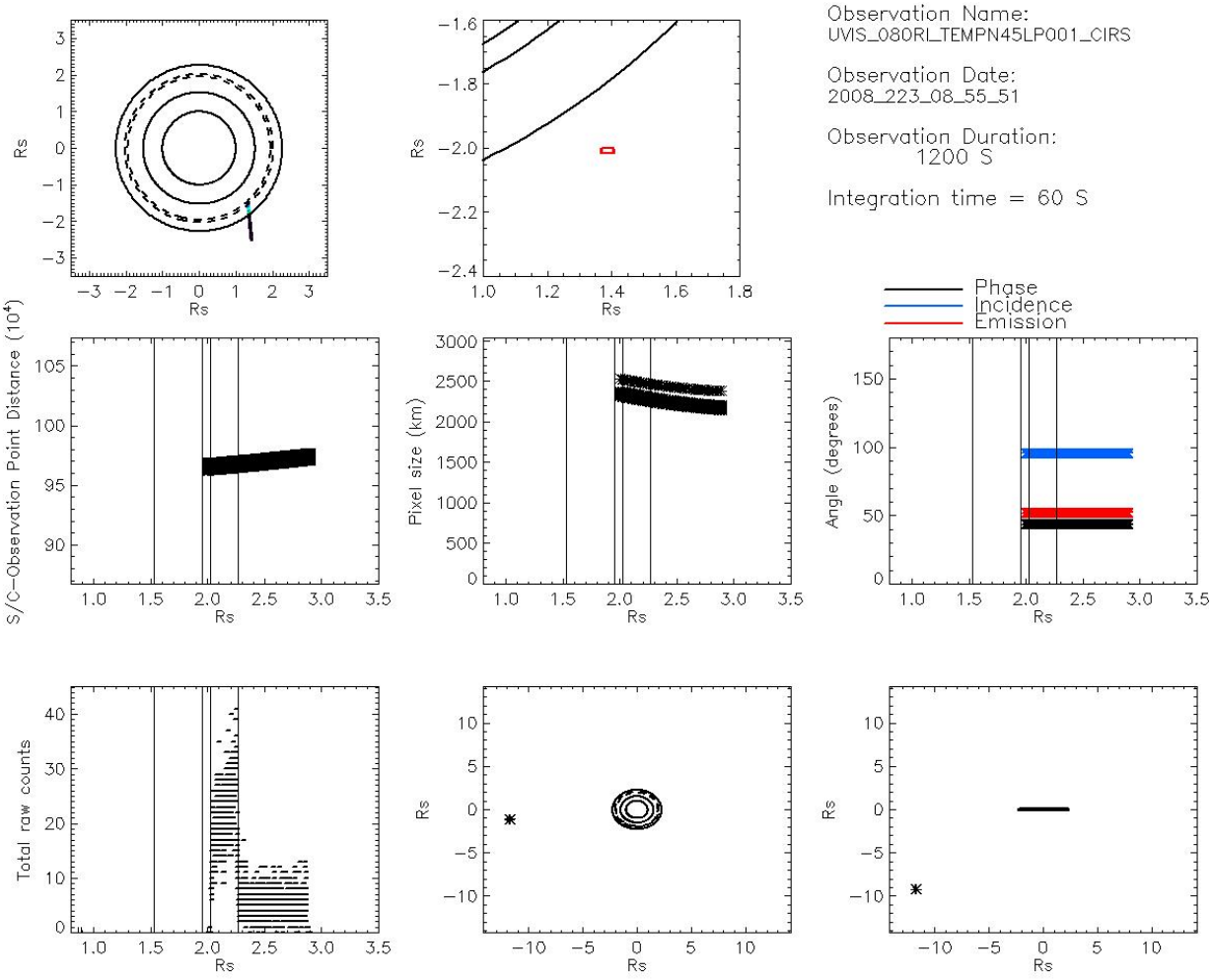

Observation Name:
UVIS_080RI_APOMOSU001_VIMS
Observation Date:
2008_223_07_59_15
Observation Duration:
480 S
Integration time = 60 S
Phase
Incidence
Emission
Rs
S/C-Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts

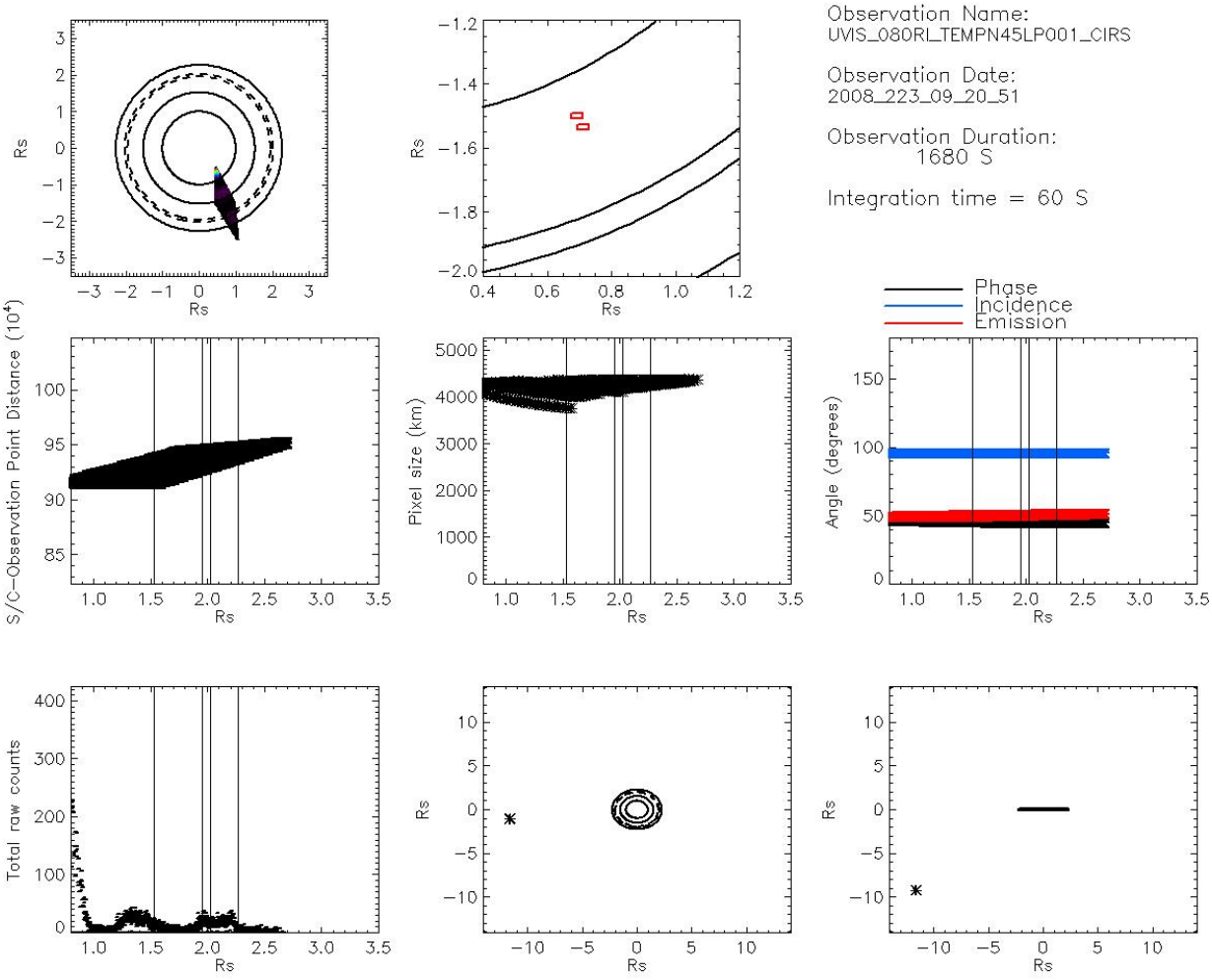

Observation Name:
UVIS_080RI_APOMOSU001_VIMS
Observation Date:
2008_223_08_07_34
Observation Duration:
480 S
Integration time = 60 S
Phase
Incidence
Emission
Rs
S/C-Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts

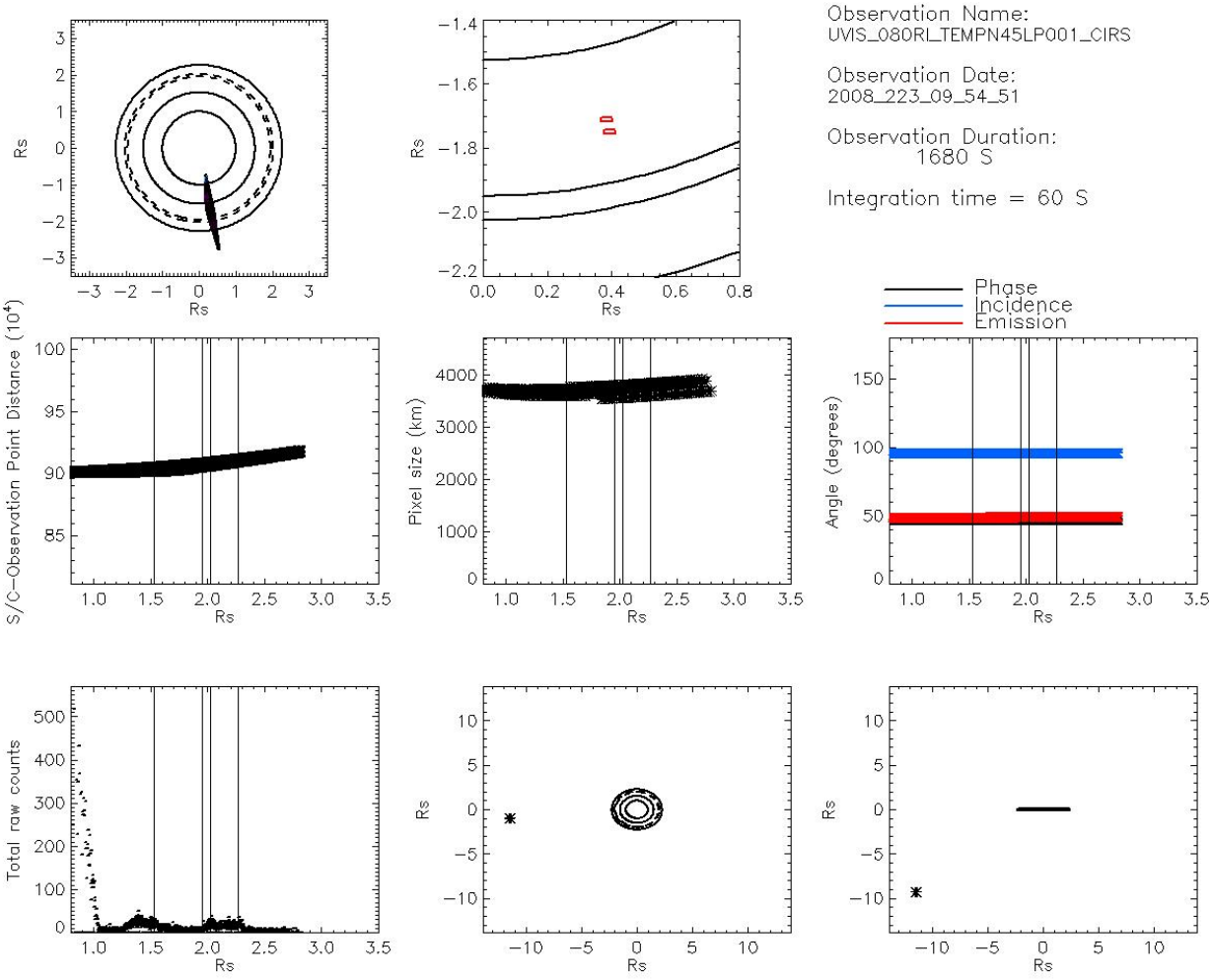

Observation Name:
UVIS_080RI_APOMOSU001_VIMS
Observation Date:
2008_223_08_15_53
Observation Duration:
480 S
Integration time = 60 S
Phase
Incidence
Emission
Rs
S/C-Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts

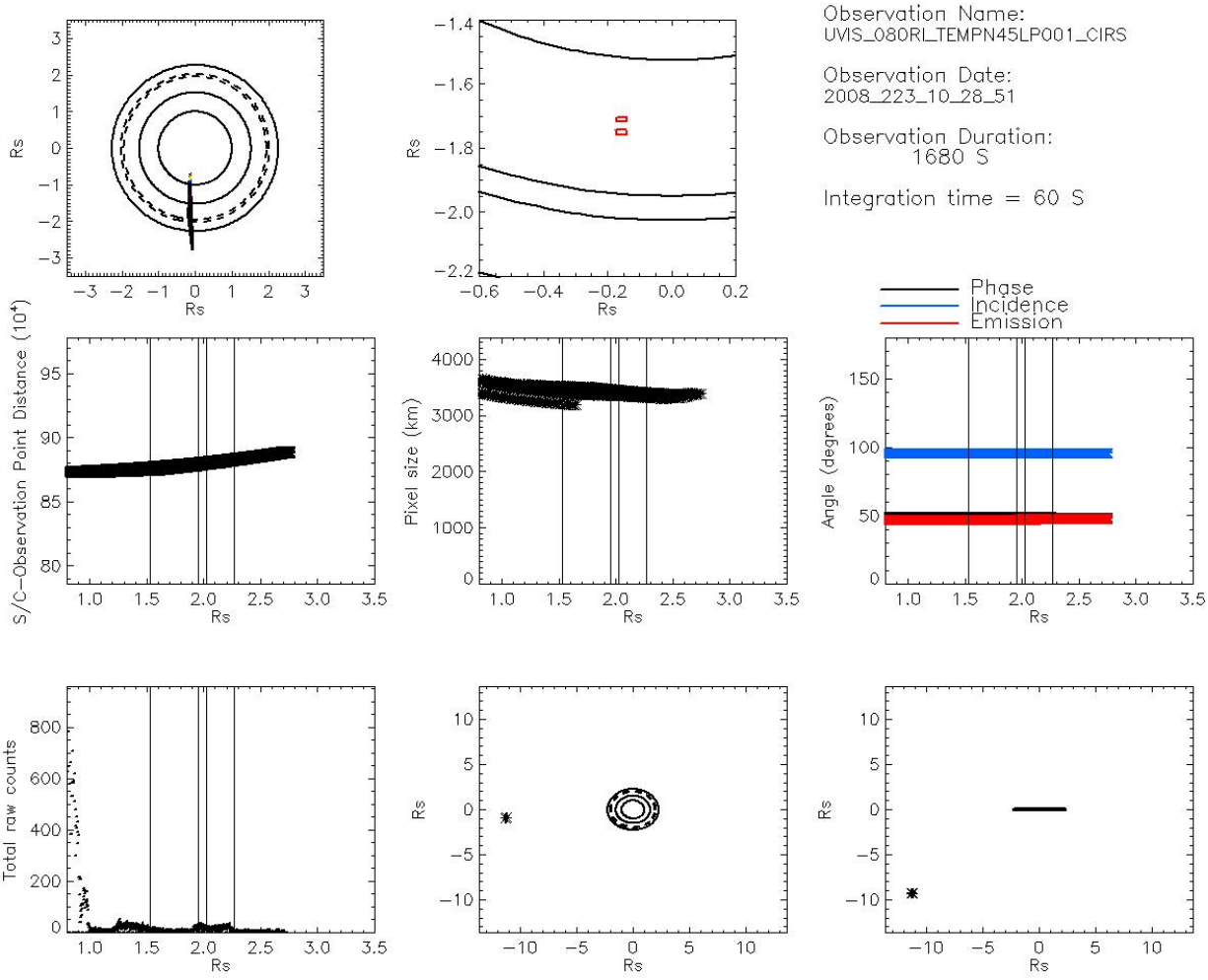

Observation Name:
UVIS_080RI_APOMOSU001_VIMS
Observation Date:
2008_223_08_24_12
Observation Duration:
480 S
Integration time = 60 S
Phase
Incidence
Emission
Rs
S/C-Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts

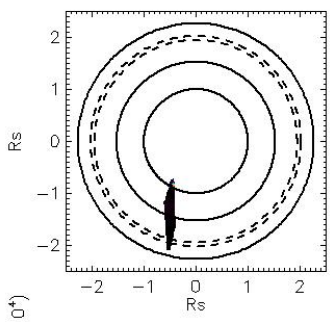

Observation Name:
UVIS_080RI_APOMOSU001_VIMS
Observation Date:
2008_223_08_32_31
Observation Duration:
480 S
Integration time = 60 S
Phase
Incidence
Emission
Rs
S/C-Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts

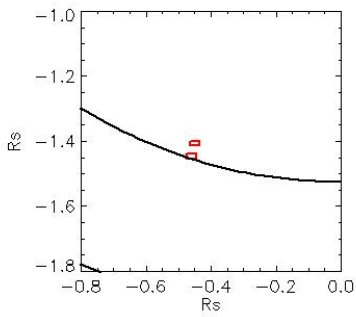

Observation Name:
UVIS_080RI_TEMPN45LP001_CIRS
Observation Date:
2008_223_08_55_51
Observation Duration:
1200 S
Integration time = 60 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts


Observation Name:
UVIS_080RI_TEMPN45LP001_CIRS
Observation Date:
2008_223_09_20_51
Observation Duration:
1680 S
Integration time = 60 S
Phase
Incidence
Emission
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts
Rs


Observation Name:
UVIS_080RI_TEMPN45LP001_CIRS
Observation Date:
2008_223_09_54_51
Observation Duration:
1680 S
Integration time = 60 S
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Phase
Incidence
Emission
Angle (degrees)
Total raw counts


Observation Name:
UVIS_080RI_TEMPN45LP001_CIRS
Observation Date:
2008_223_10_28_51
Observation Duration:
1680 S
Integration time = 60 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts



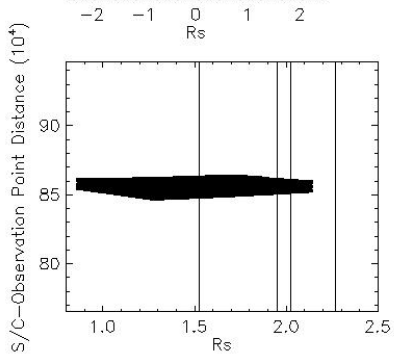


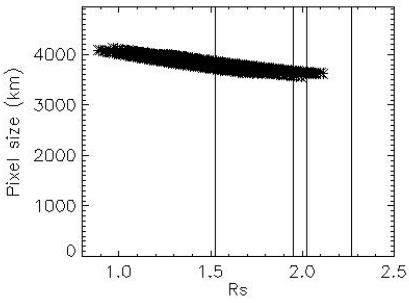
Observation Name:
UVIS_080RI_TEMPN45LP001_CIRS

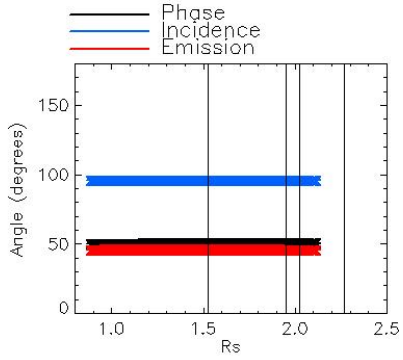
Observation Date:
2008_223_11_02_51

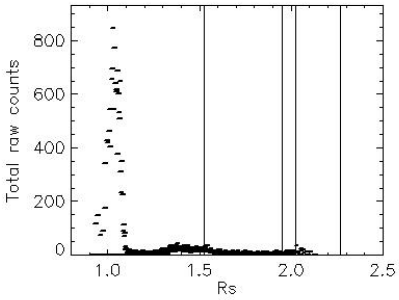
Observation Duration:
660 S

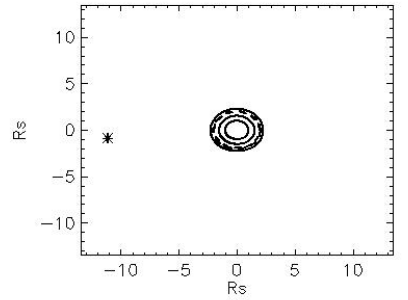
Integration time = 60 S

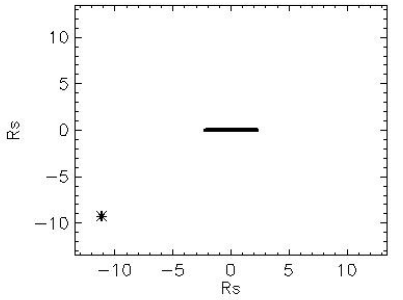


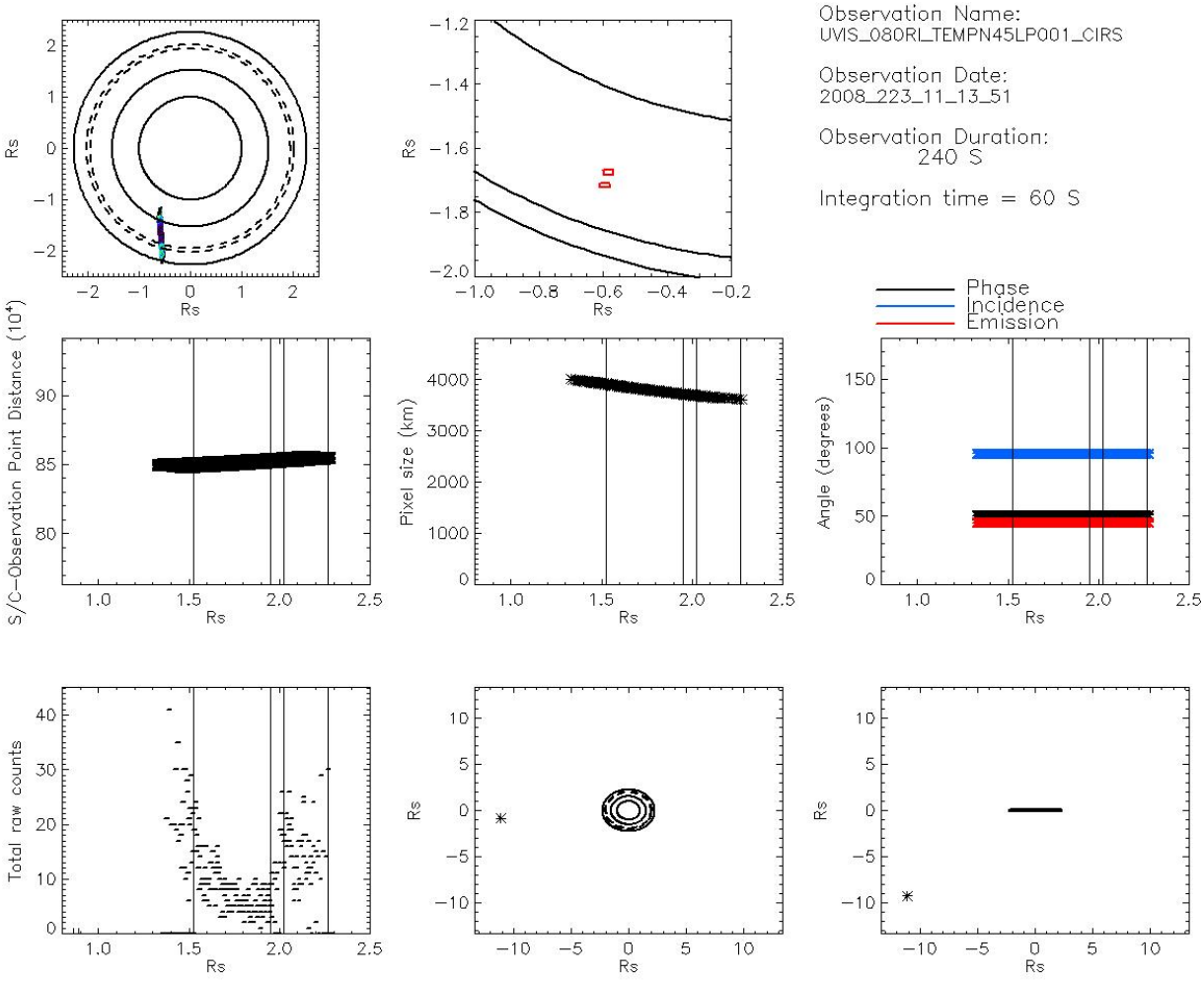


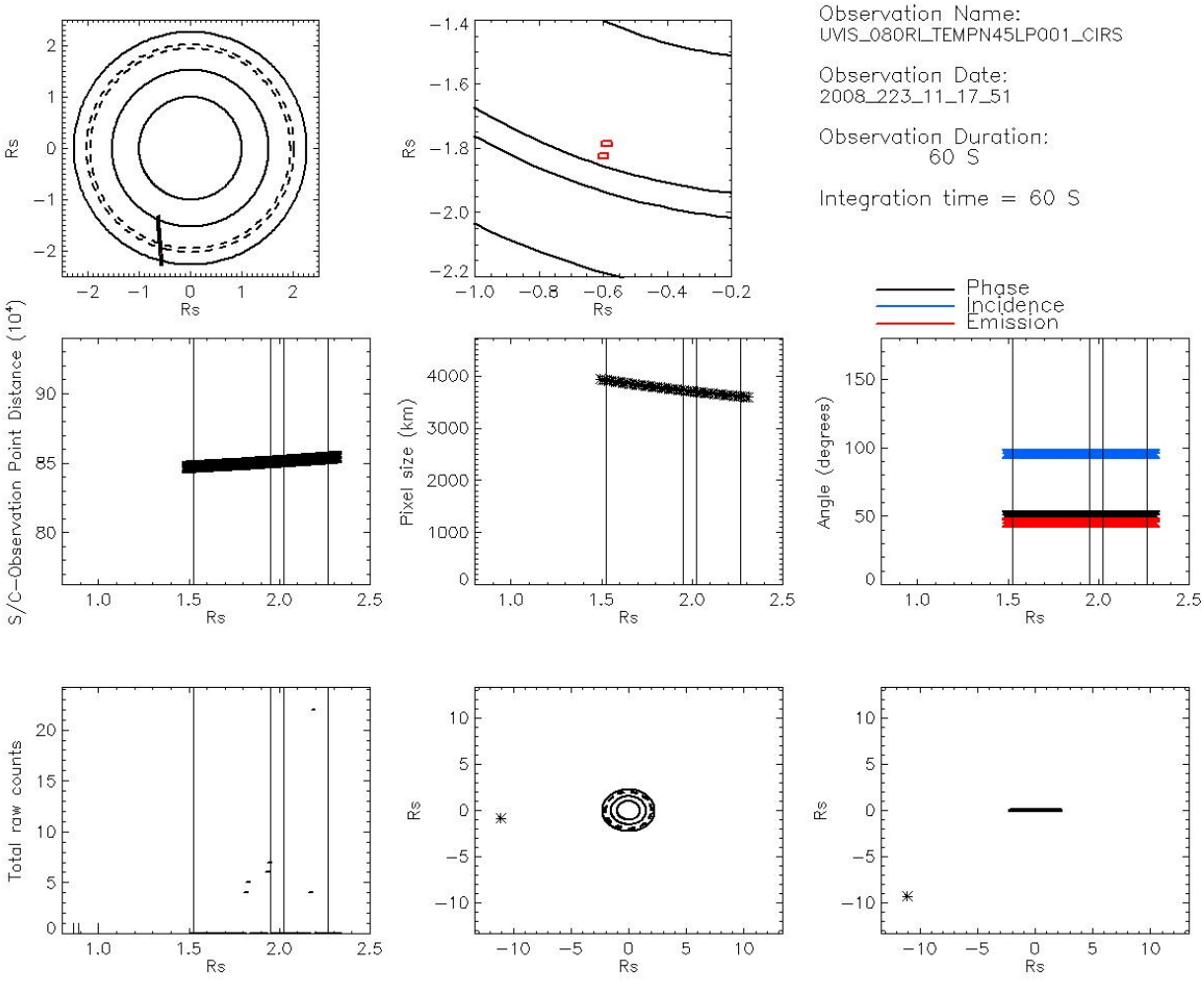


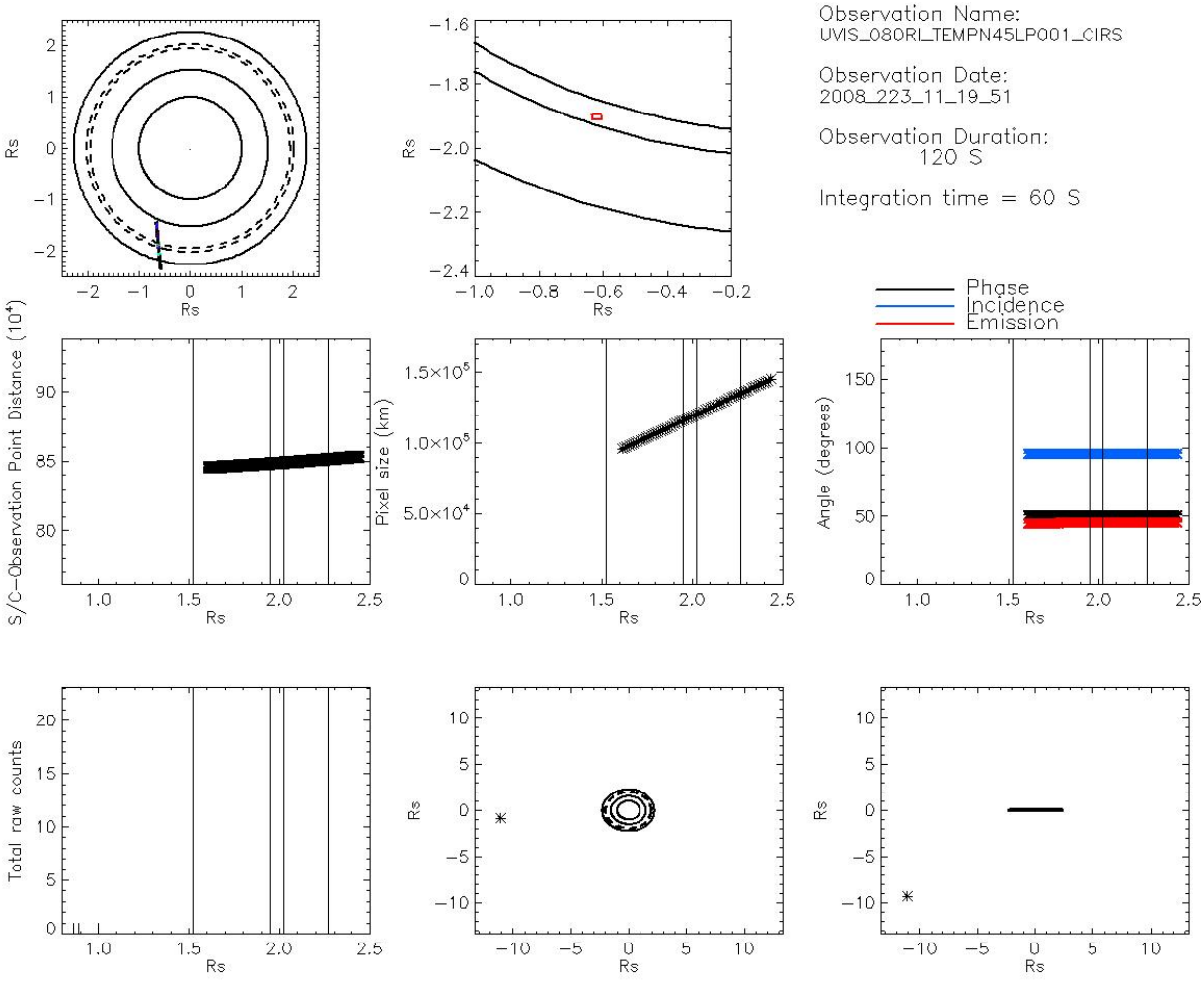


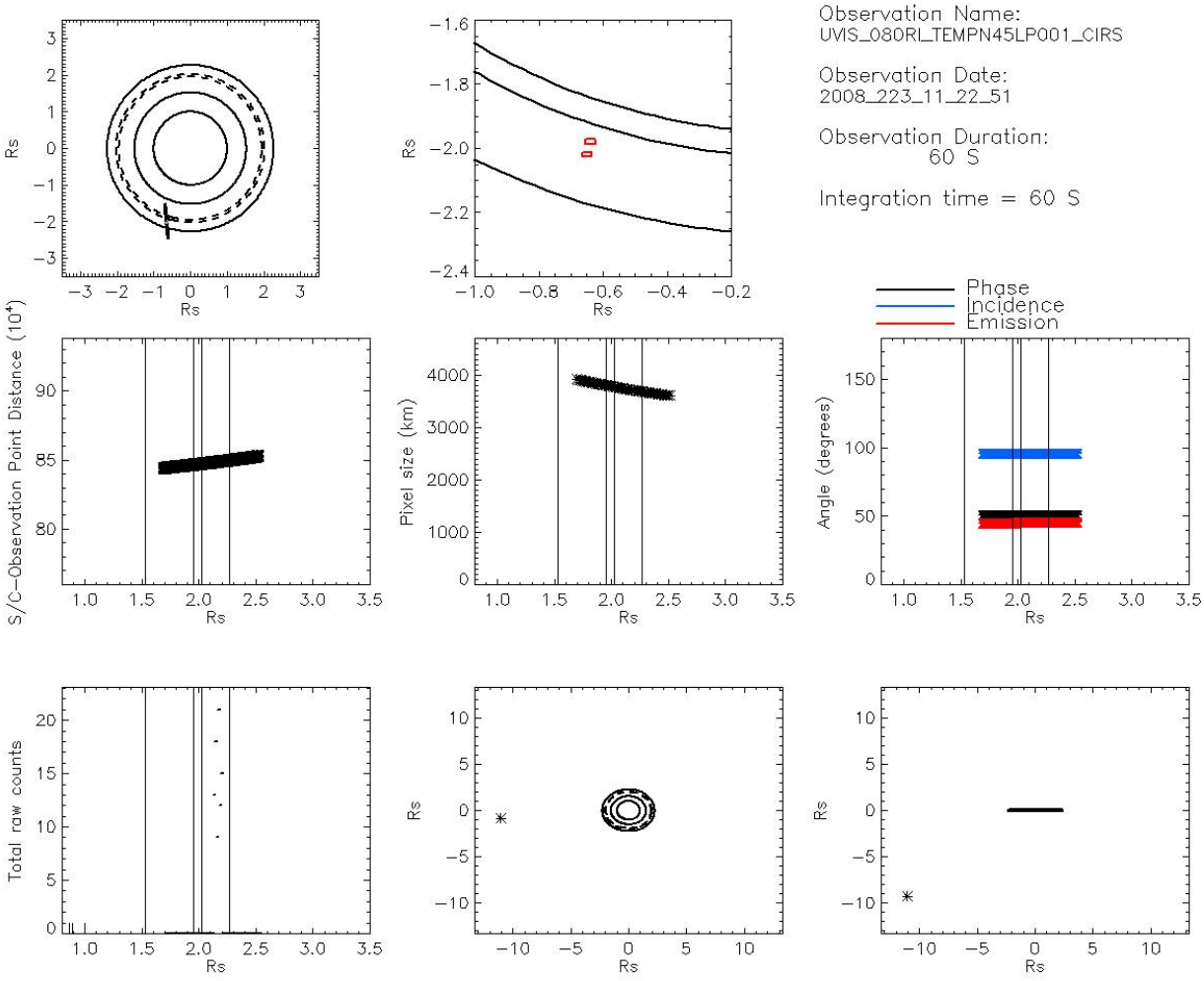


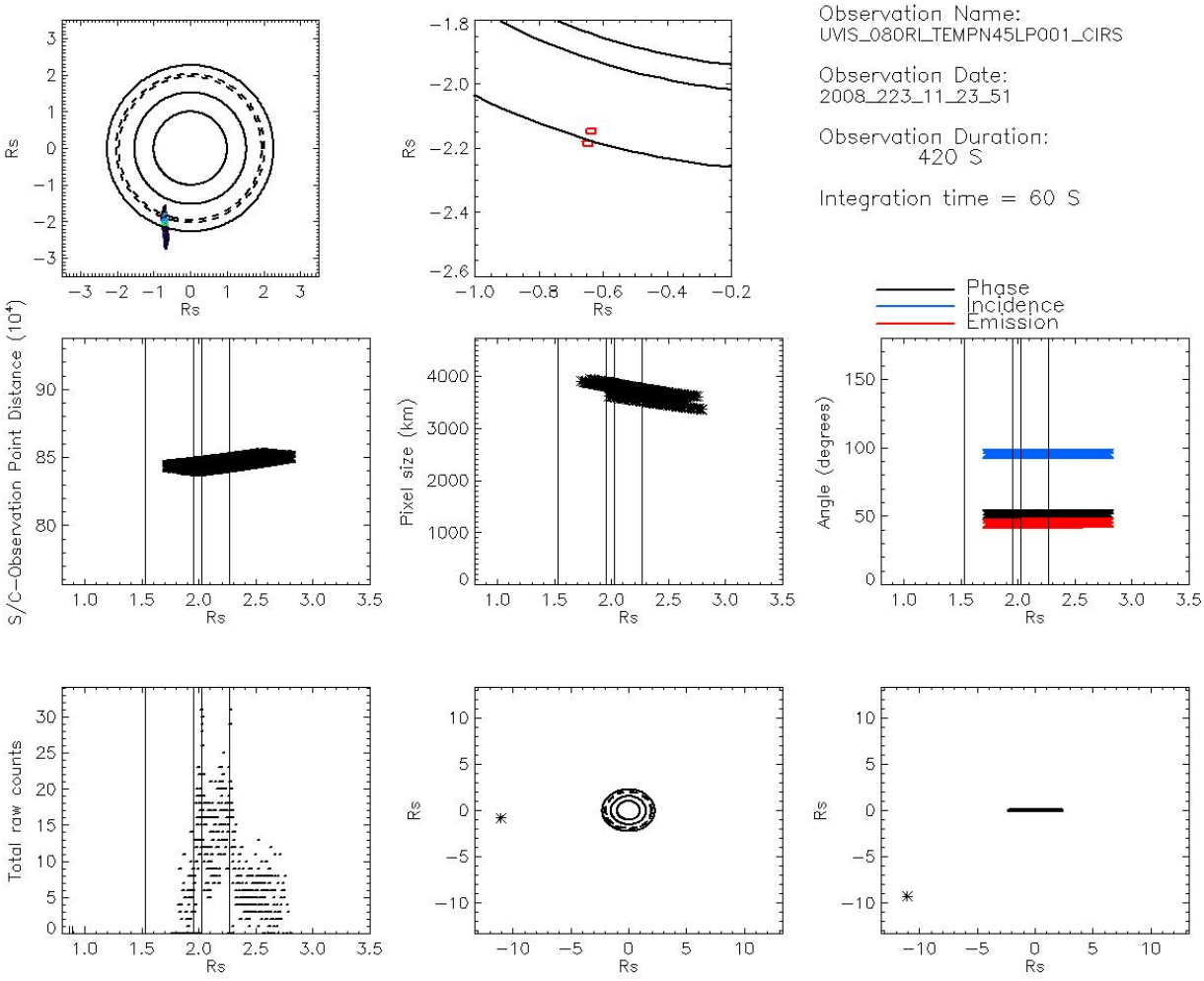


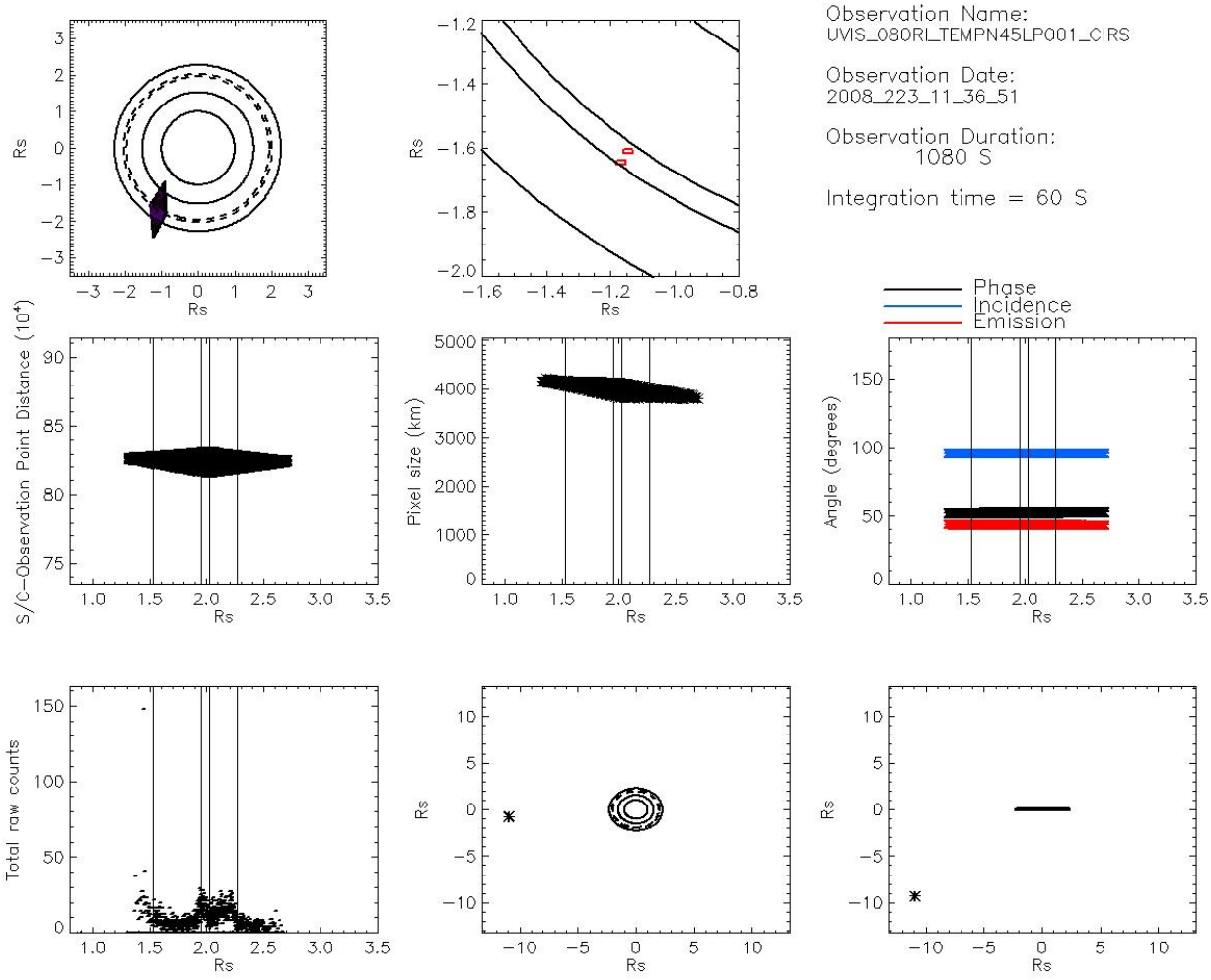

Observation Name:
UVIS_080RI_TEMPN45LP001_CIRS
Observation Date:
2008_223_11_13_51
Observation Duration:
240 S
Integration time = 60 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts

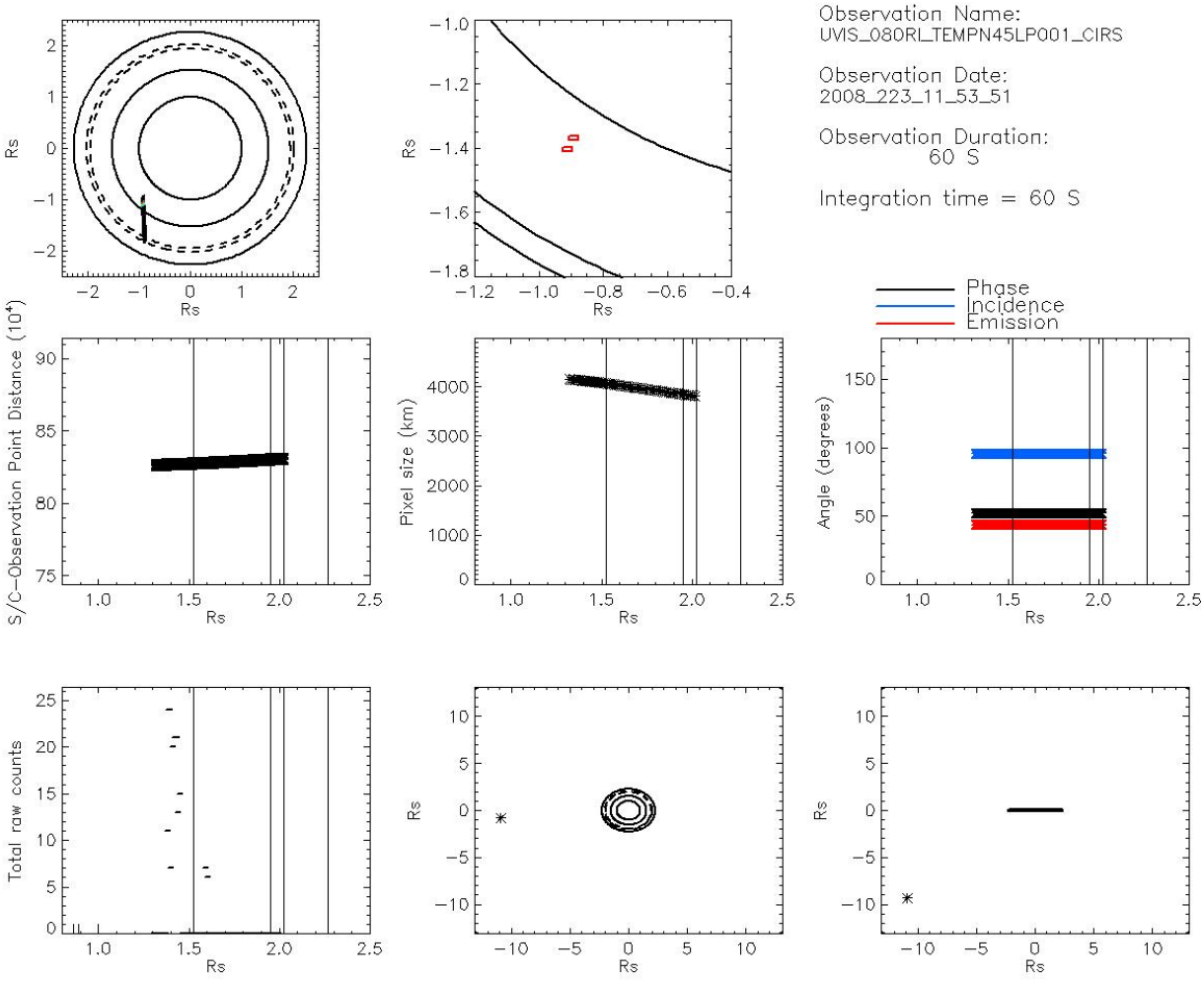

Observation Name:
UVIS_080RI_TEMPN45LP001_CIRS
Observation Date:
2008_223_11_17_51
Observation Duration:
60 S
Integration time = 60 S
Phase
Incidence
Emission
Rs
S/C-Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts

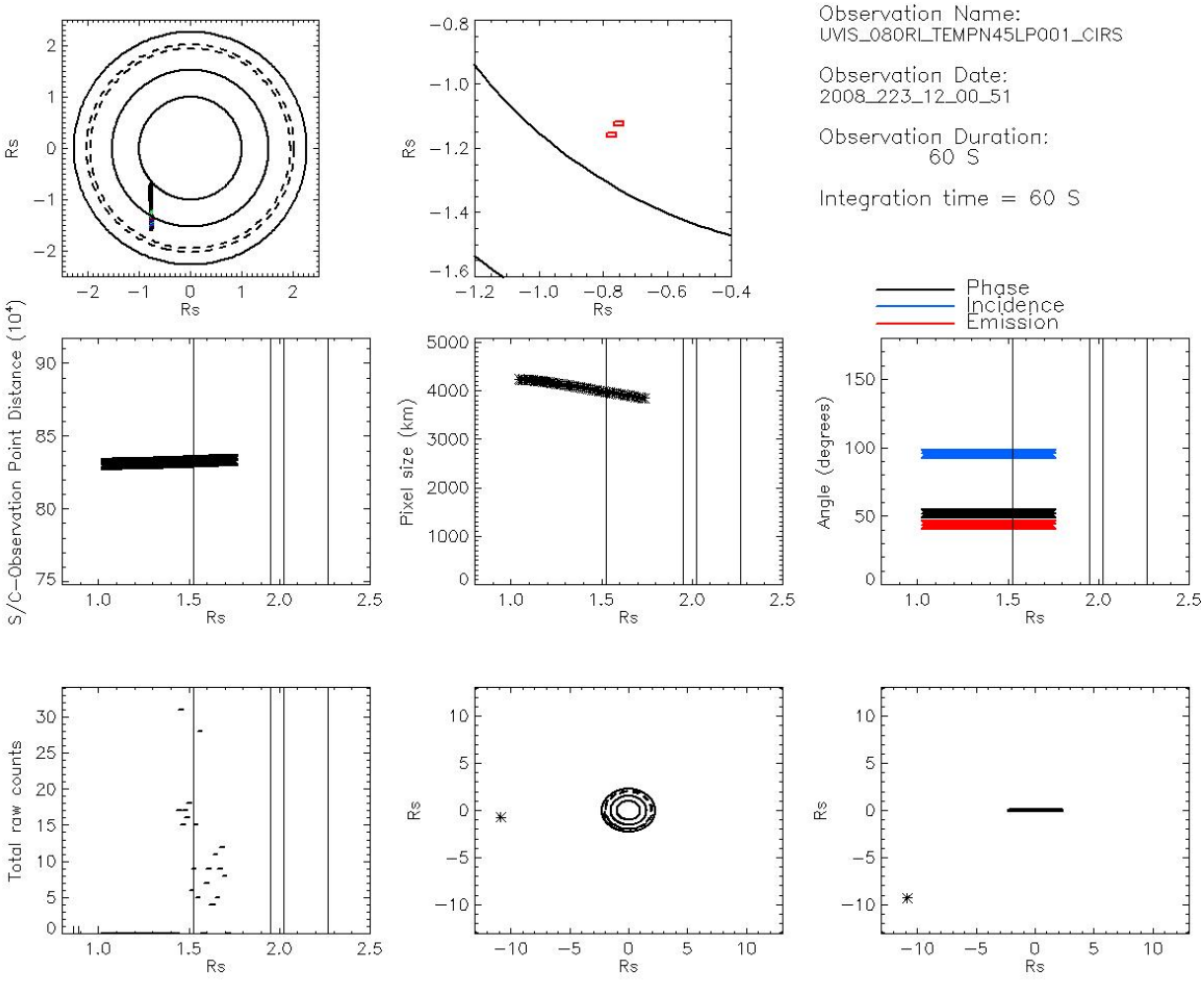

Observation Name:
UVIS_080RI_TEMPN45LP001_CIRS
Observation Date:
2008_223_11_19_51
Observation Duration:
120 S
Integration time = 60 S
Phase
Incidence
Emission
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts
Rs

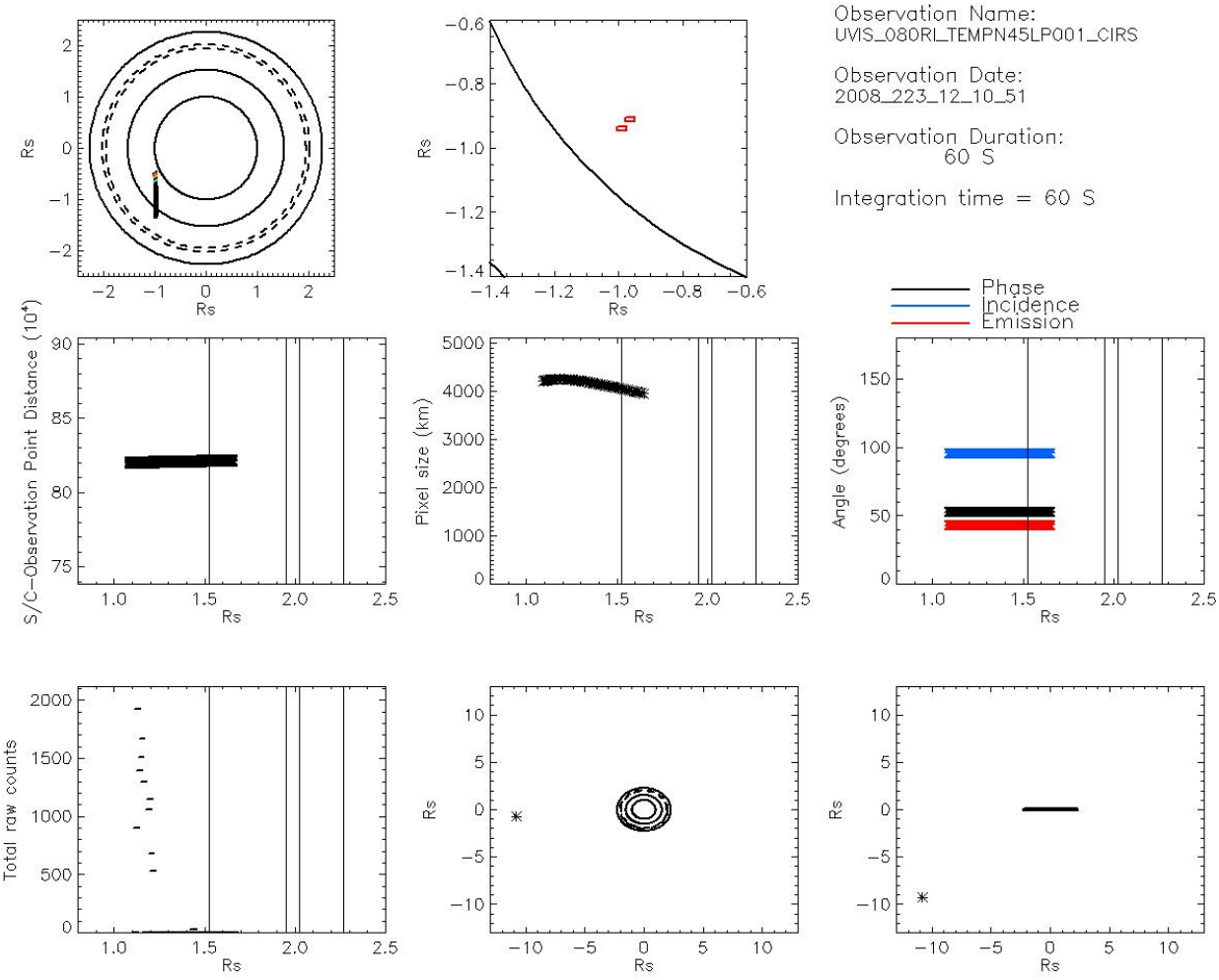

Observation Name:
UVIS_080RI_TEMPN45LP001_CIRS
Observation Date:
2008_223_11_22_51
Observation Duration:
60 S
Integration time = 60 S
Phase
Incidence
Emission
Rs
S/C-Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts

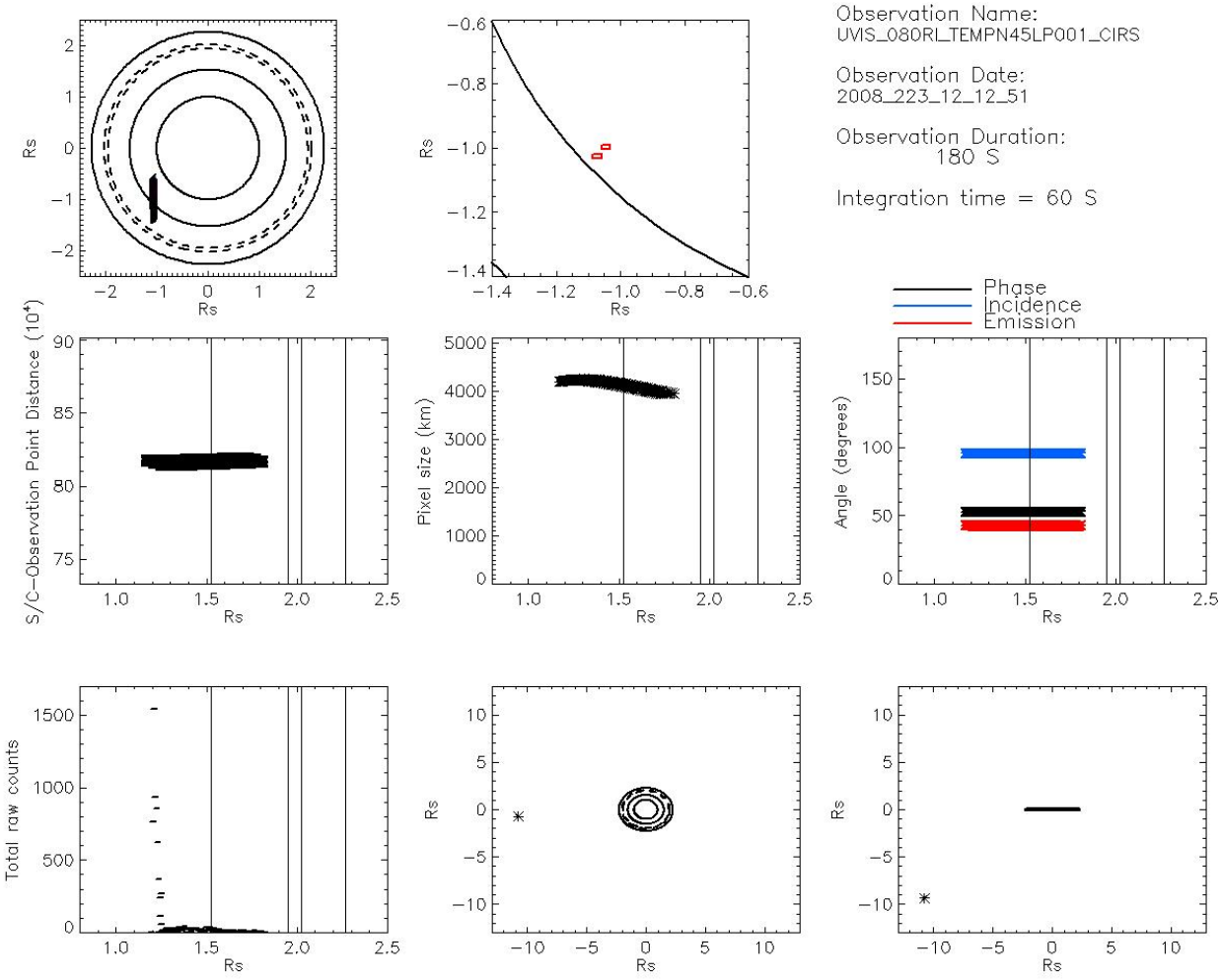

Observation Name:
UVIS_080RI_TEMPN45LP001_CIRS
Observation Date:
2008_223_11_23_51
Observation Duration:
420 S
Integration time = 60 S
Phase
Incidence
Emission
Rs
S/C-Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts

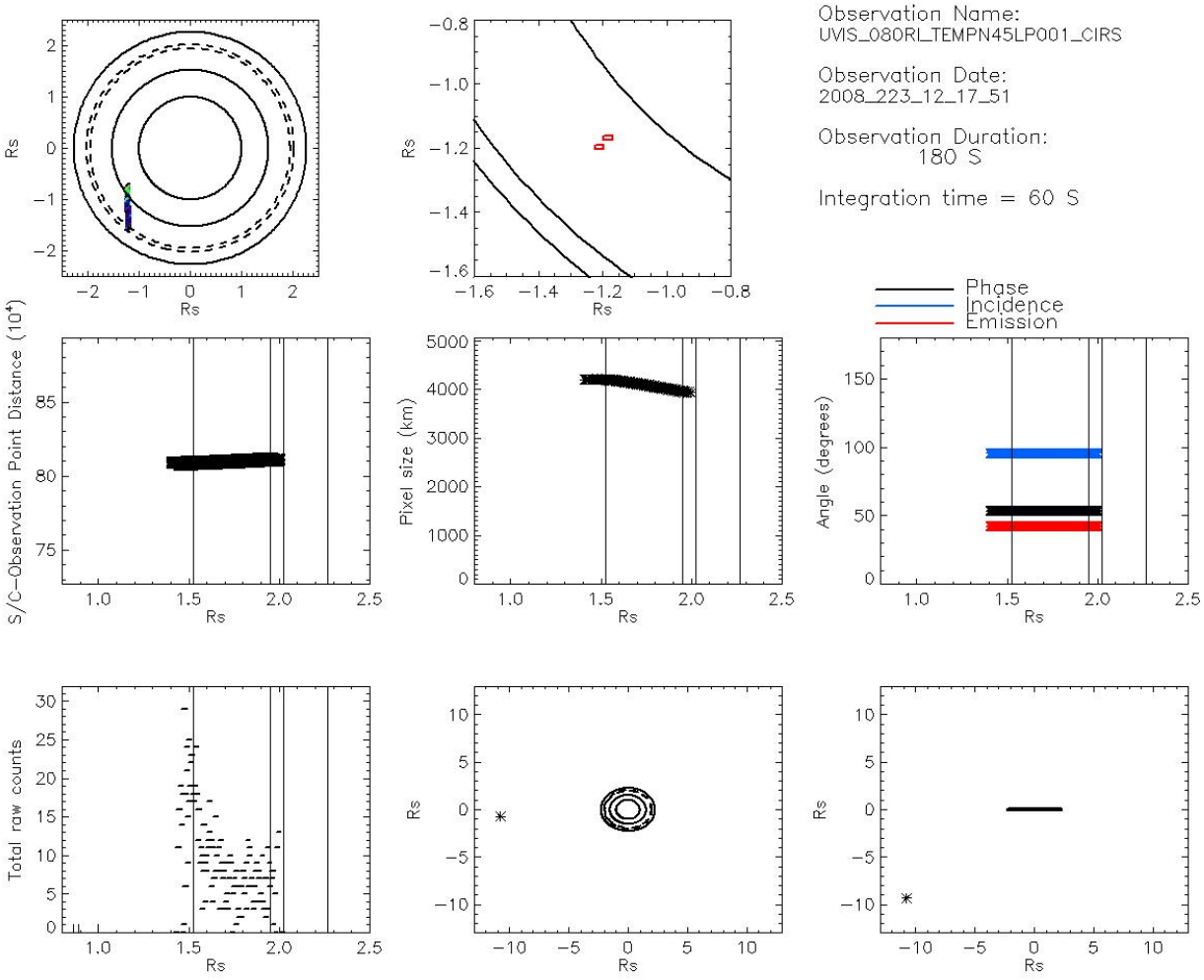

Observation Name:
UVIS_080RI_TEMPN45LP001_CIRS
Observation Date:
2008_223_11_36_51
Observation Duration:
1080 S
Integration time = 60 S
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Phase
Incidence
Emission
Angle (degrees)
Total raw counts

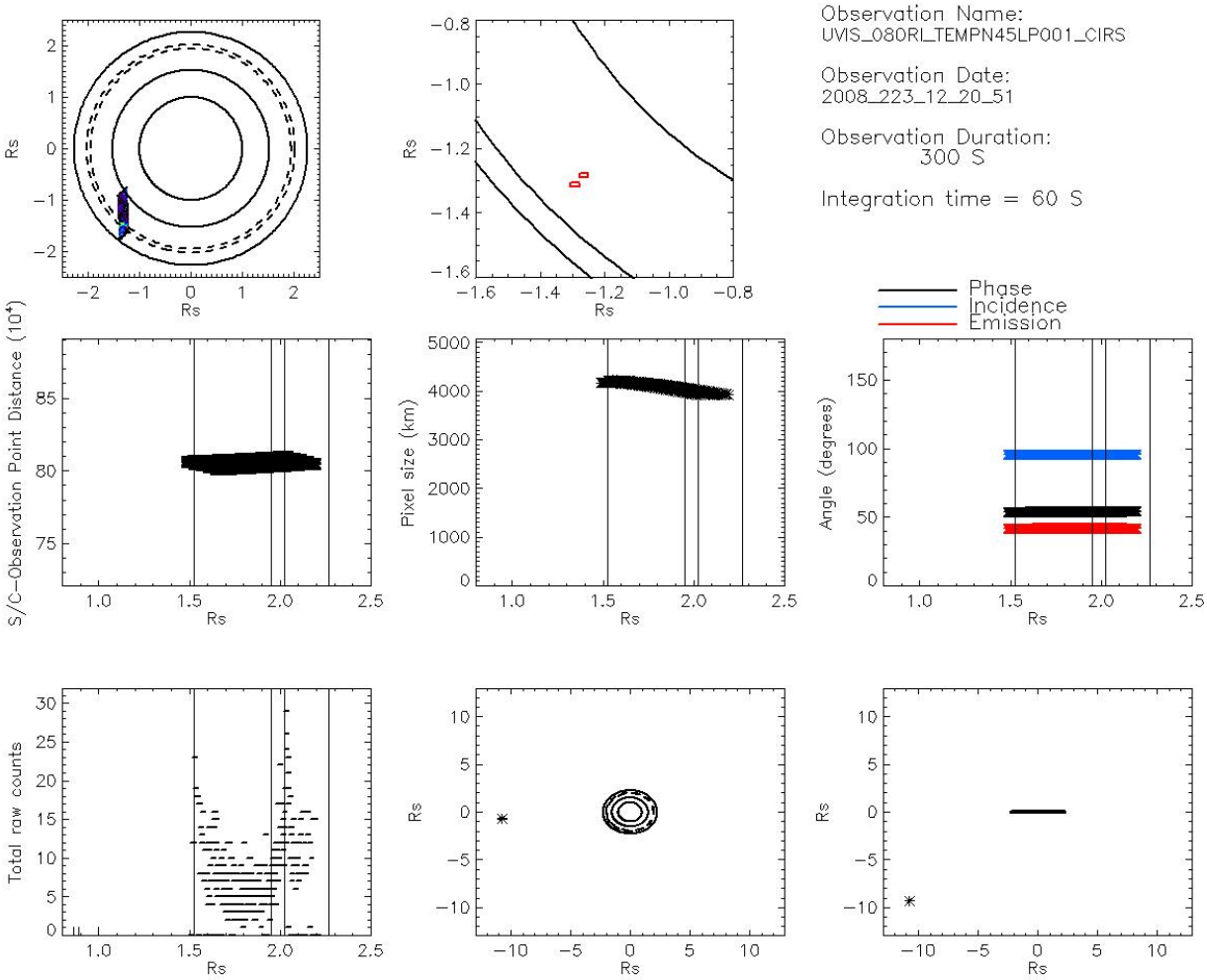

Observation Name:
UVIS_080RI_TEMPN45LP001_CIRS
Observation Date:
2008_223_11_53_51
Observation Duration:
60 S
Integration time = 60 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts

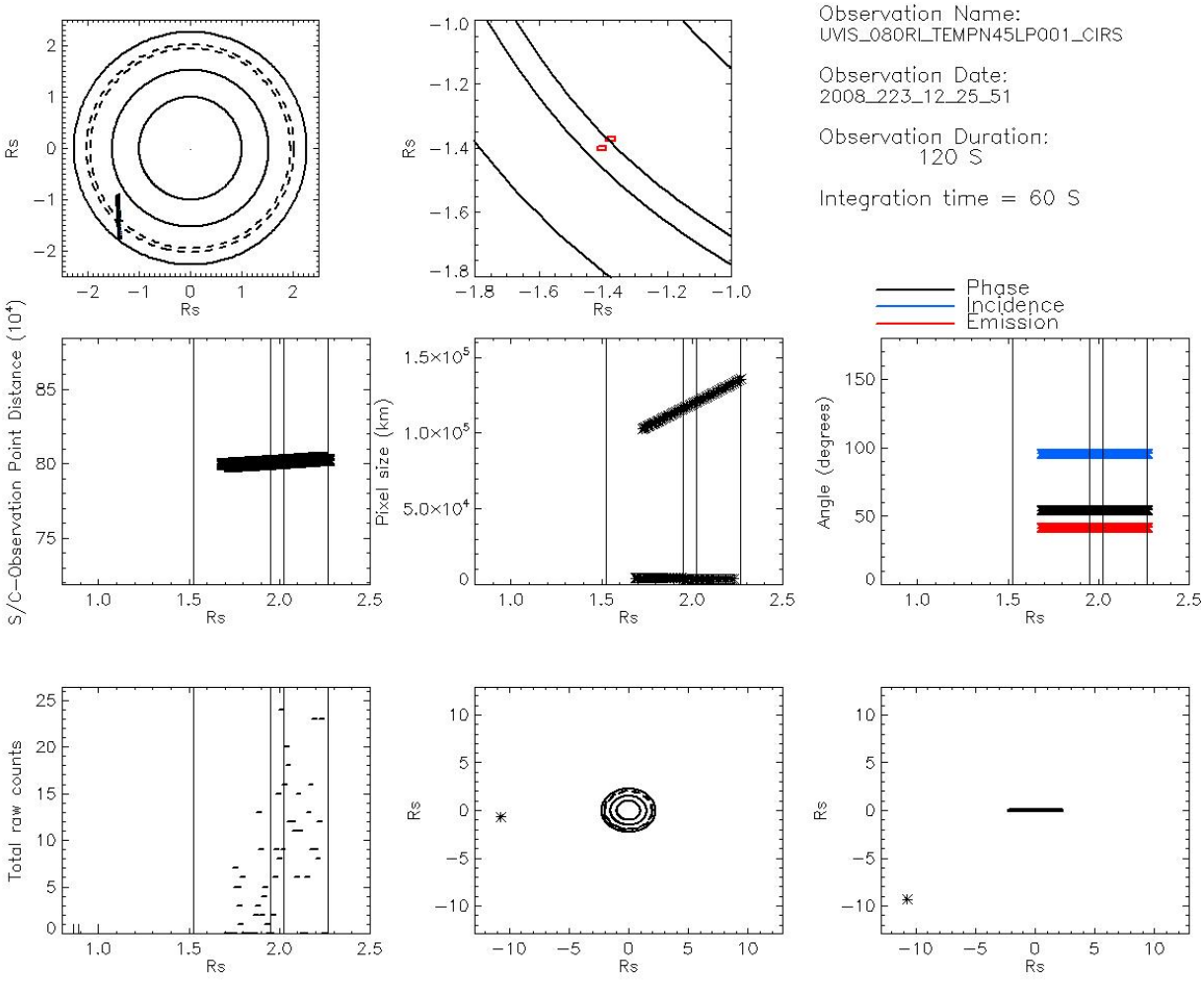

Observation Name:
UVIS_080RI_TEMPN45LP001_CIRS
Observation Date:
2008_223_12_00_51
Observation Duration:
60 S
Integration time = 60 S
Phase
Incidence
Emission
Rs
S/C-Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts

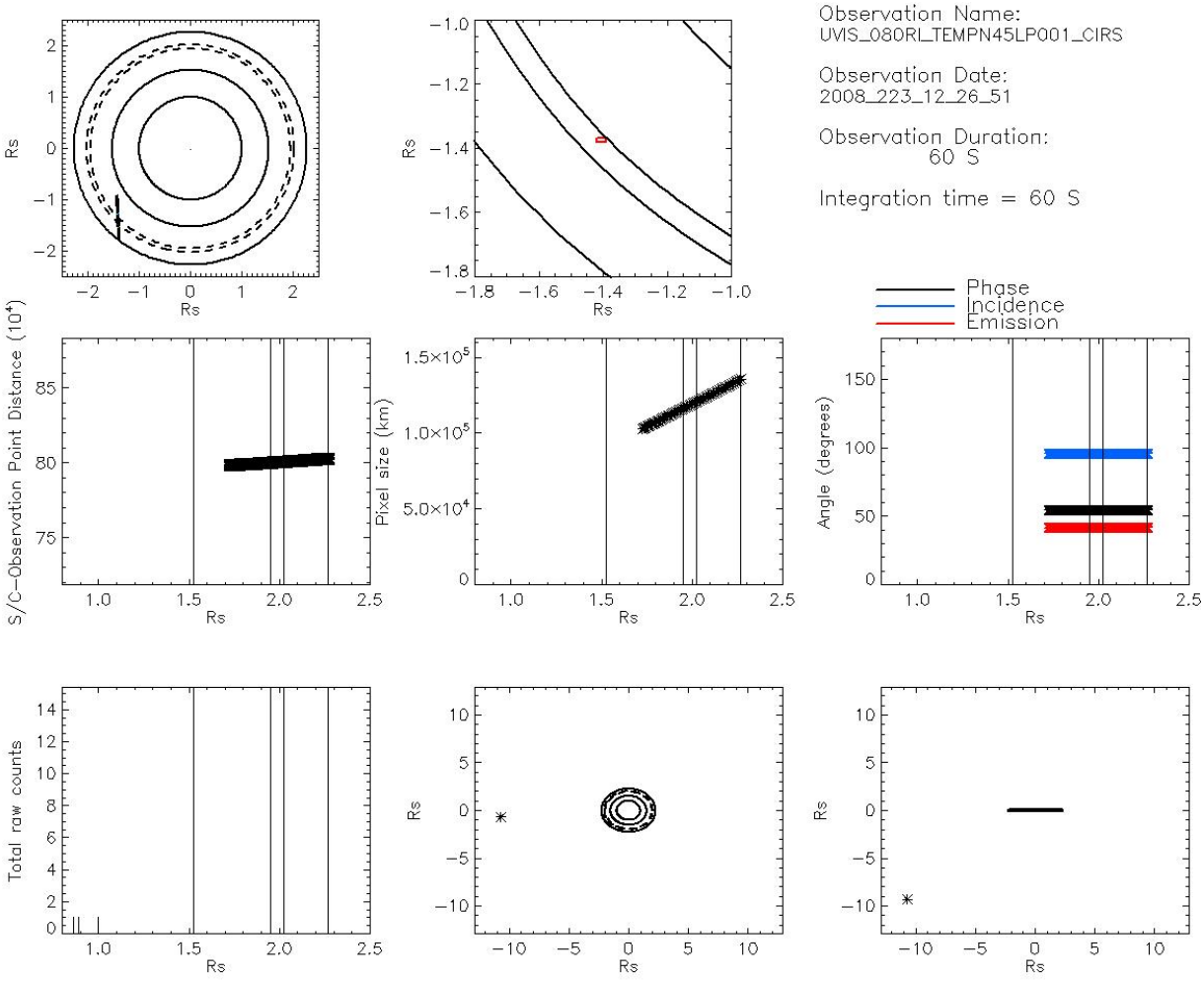

Observation Name:
UVIS_080RI_TEMPN45LP001_CIRS
Observation Date:
2008_223_12_10_51
Observation Duration:
60 S
Integration time = 60 S
Phase
Incidence
Emission
Rs
S/C-Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts

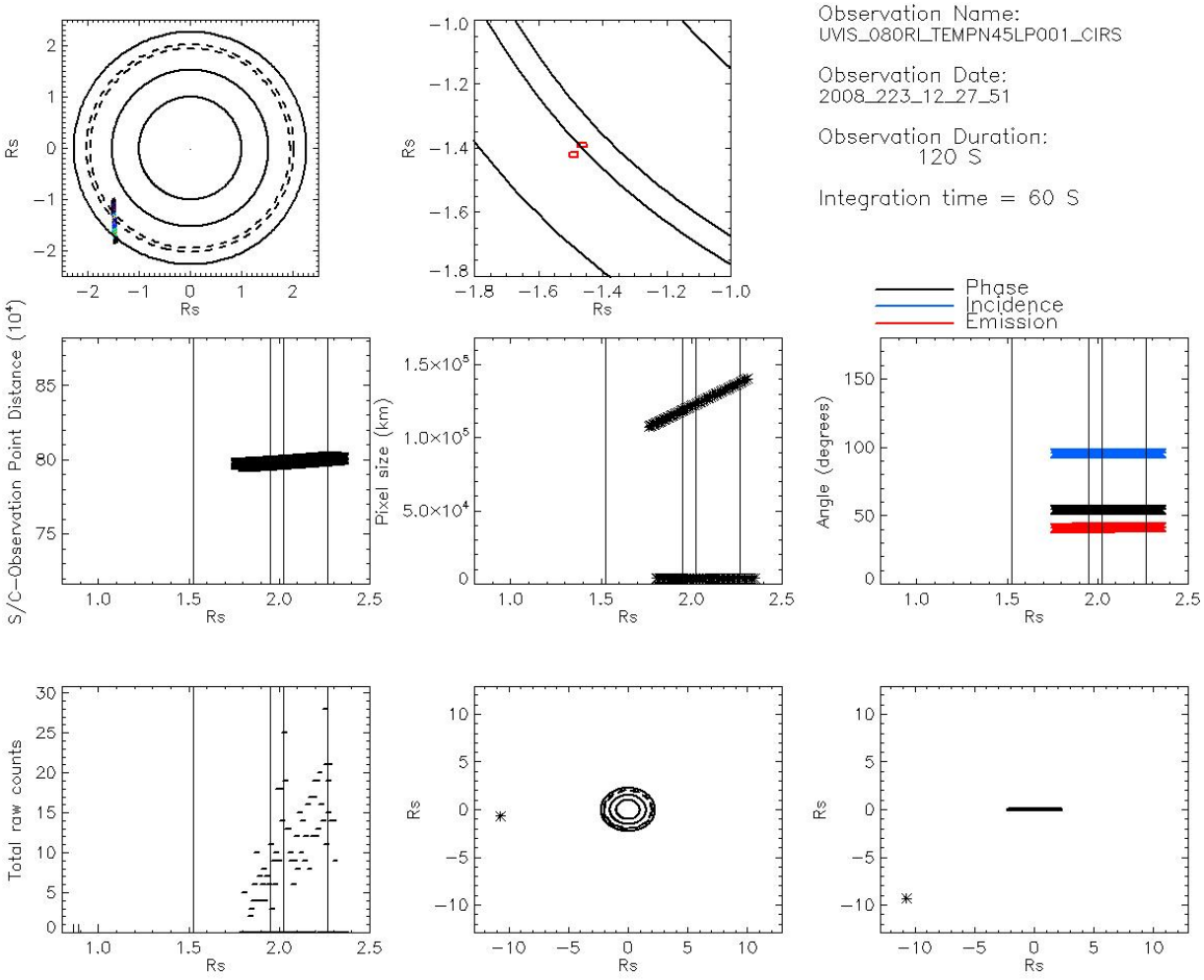

Observation Name:
UVIS_080RI_TEMPN45LP001_CIRS
Observation Date:
2008_223_12_12_51
Observation Duration:
180 S
Integration time = 60 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts

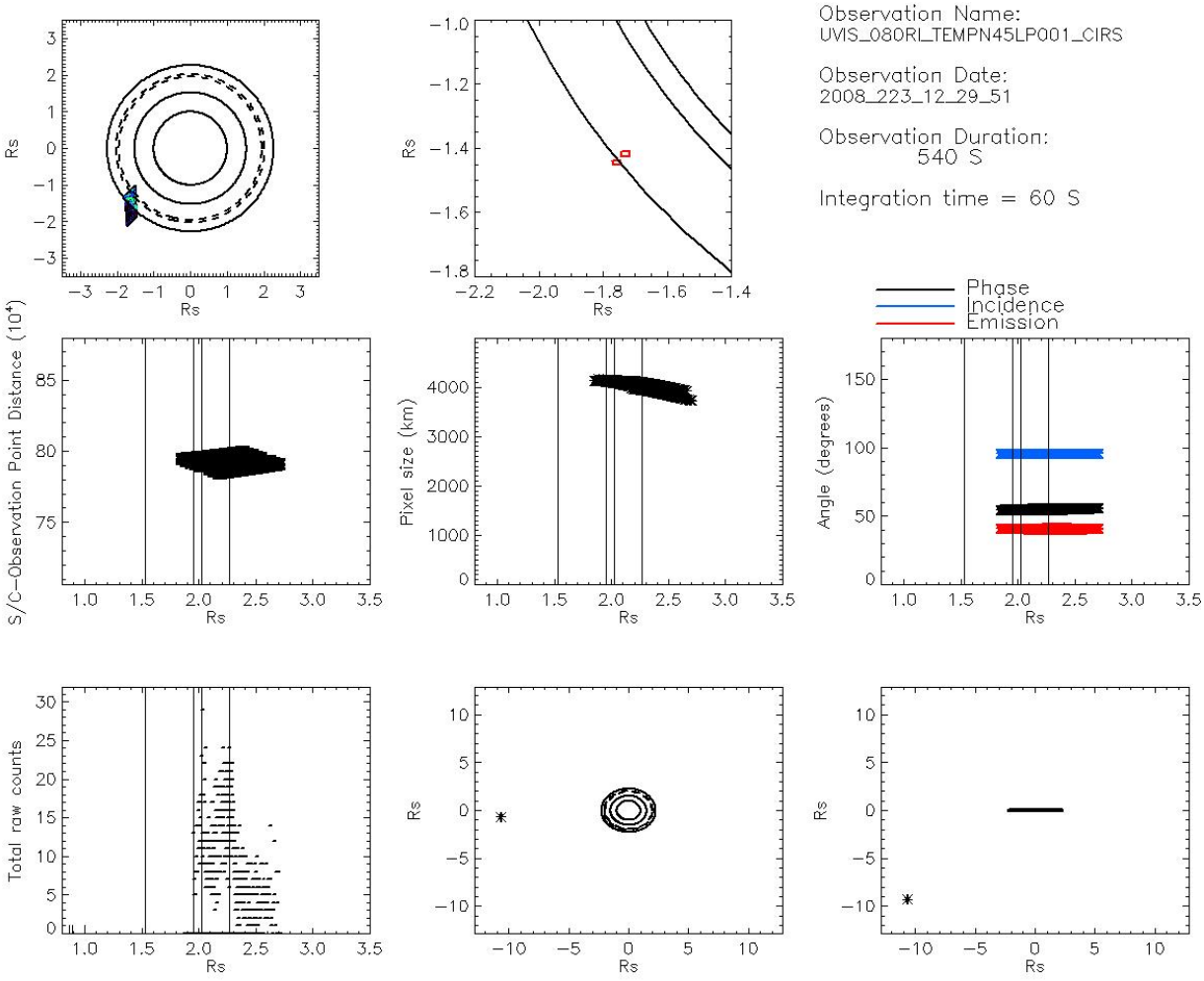

Observation Name:
UVIS_080RI_TEMPN45LP001_CIRS
Observation Date:
2008_223_12_17_51
Observation Duration:
180 S
Integration time = 60 S
Phase
Incidence
Emission
Rs
S/C-Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts

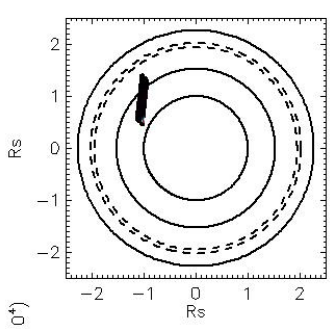

Observation Name:
UVIS_080RI_TEMPN45LP001_CIRS
Observation Date:
2008_223_12_20_51
Observation Duration:
300 S
Integration time = 60 S
Phase
Incidence
Emission
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts
Rs

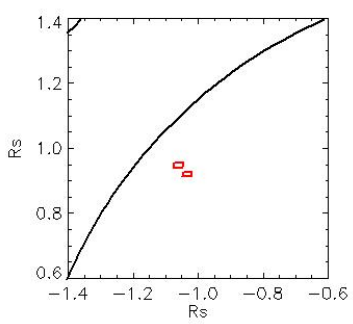

Observation Name:
UVIS_080RI_TEMPN45LP001_CIRS
Observation Date:
2008_223_12_25_51
Observation Duration:
120 S
Integration time = 60 S
Phase
Incidence
Emission
Rs
S/C-Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts


Observation Name:
UVIS_080RI_TEMPN45LP001_CIRS
Observation Date:
2008_223_12_26_51
Observation Duration:
60 S
Integration time = 60 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts


Observation Name:
UVIS_080RI_TEMPN45LP001_CIRS
Observation Date:
2008_223_12_27_51
Observation Duration:
120 S
Integration time = 60 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts


Observation Name:
UVIS_080RI_TEMPN45LP001_CIRS
Observation Date:
2008_223_12_29_51
Observation Duration:
540 S
Integration time = 60 S
Phase
Incidence
Emission
Rs
S/C-Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts



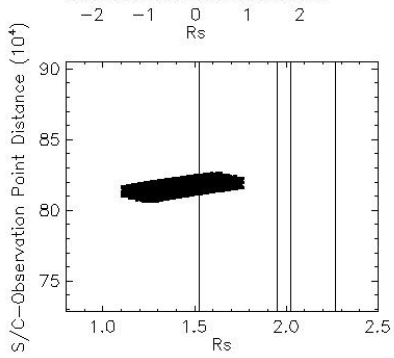


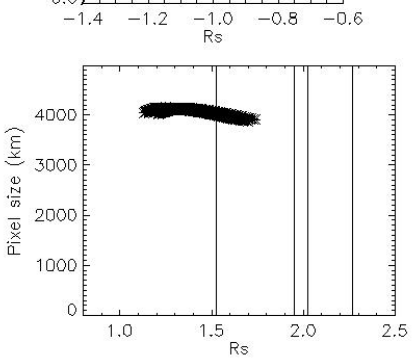
Observation Name:
UVIS_080RI_TEMPN45LP001_CIRS

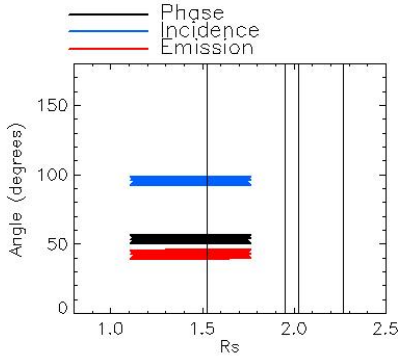
Observation Date:
2008_223_12_44_51

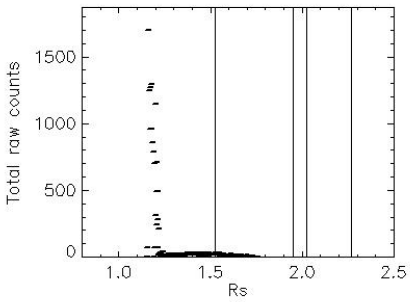
Observation Duration:
240 S

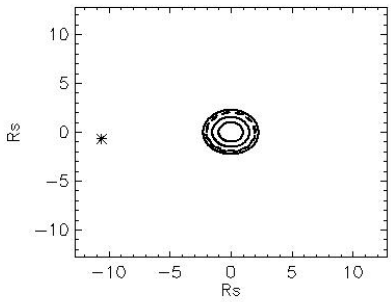
Integration time = 60 S

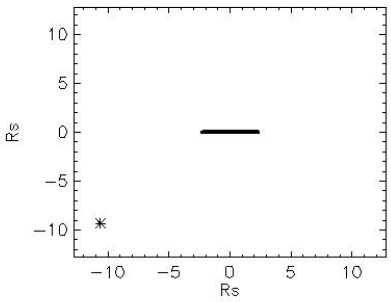


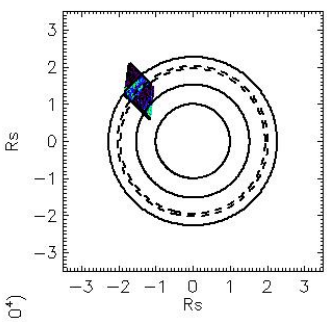


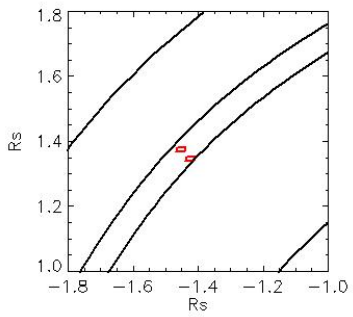










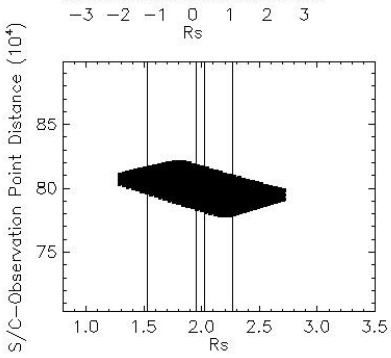


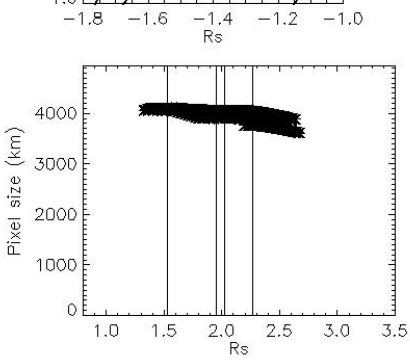
Observation Name:
UVIS_080RI_TEMPN45LP001_CIRS

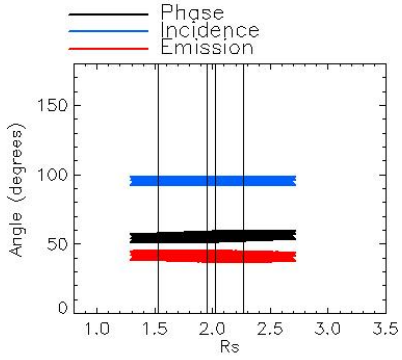
Observation Date:
2008_223_12_48_51

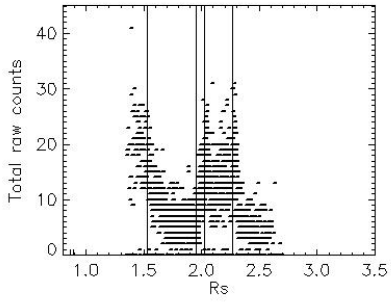
Observation Duration:
1440 S

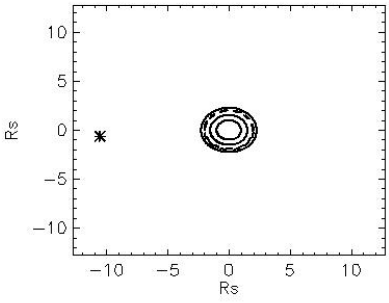
Integration time = 60 S

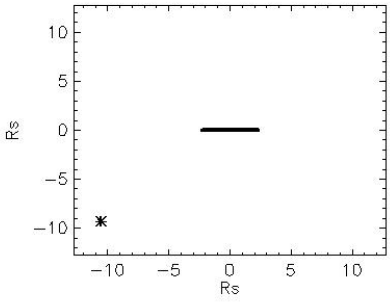


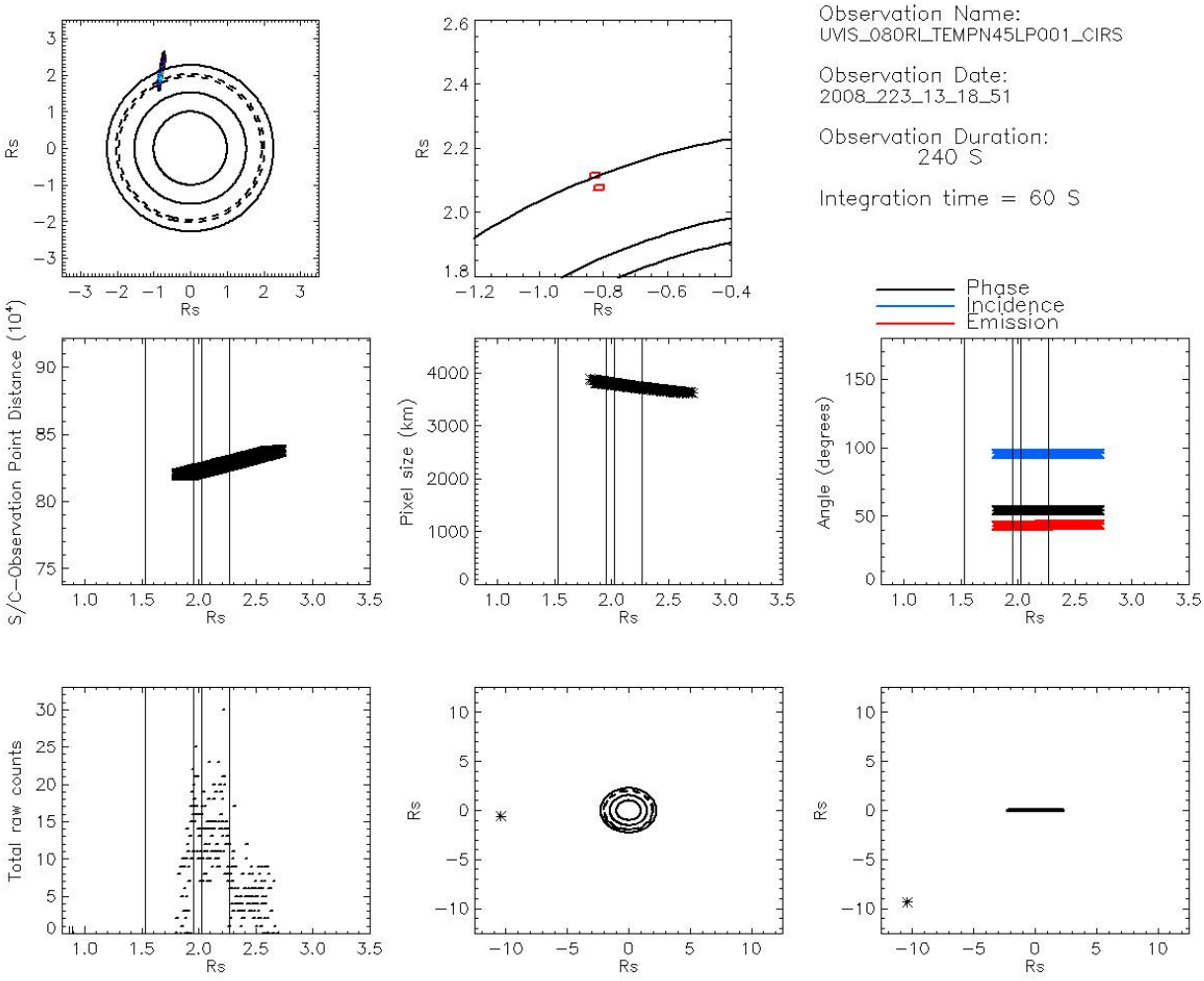


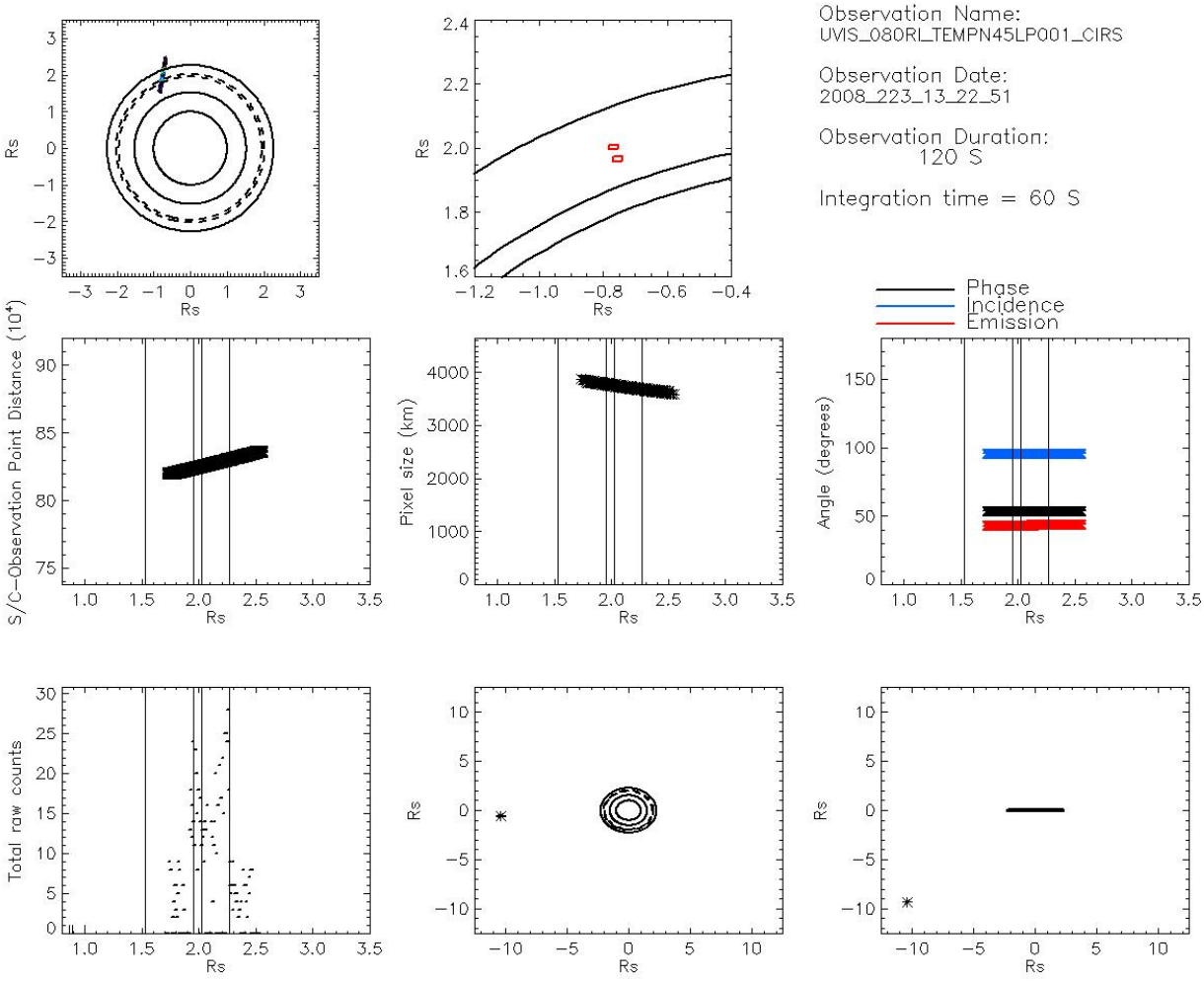


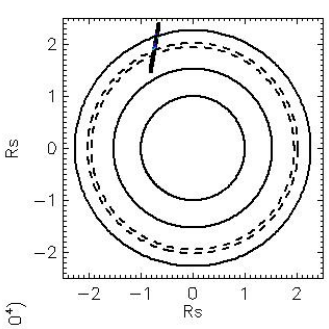


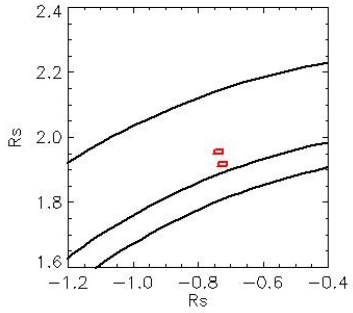





Observation Name:
UVIS_080RI_TEMPN45LP001_CIRS
Observation Date:
2008_223_13_18_51
Observation Duration:
240 S
Integration time = 60 S
Rs
S/C-Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Phase
Incidence
Emission
Total raw counts


Observation Name:
UVIS_080RI_TEMPN45LP001_CIRS
Observation Date:
2008_223_13_22_51
Observation Duration:
120 S
Integration time = 60 S
Phase
Incidence
Emission
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts
Rs



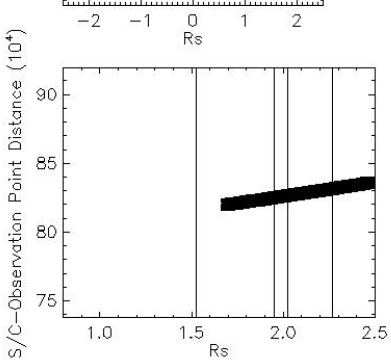


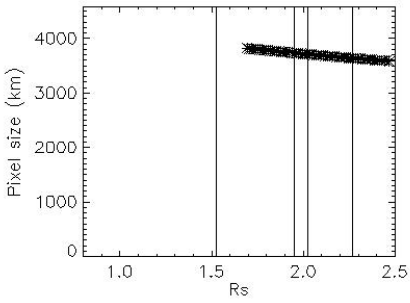
Observation Name:
UVIS_080RI_TEMPN45LP001_CIRS

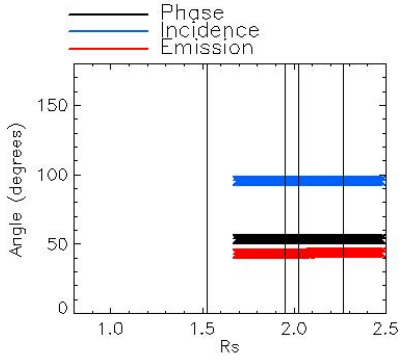
Observation Date:
2008_223_13_24_51

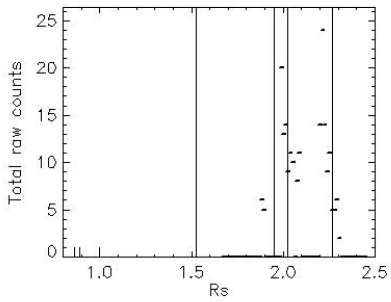
Observation Duration:
60 S

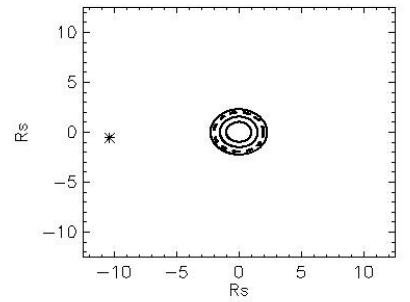
Integration time = 60 S

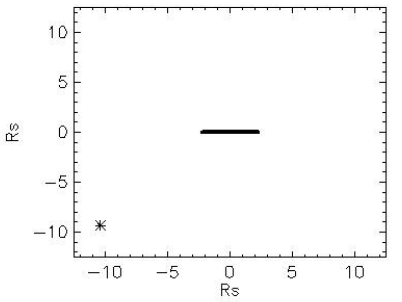


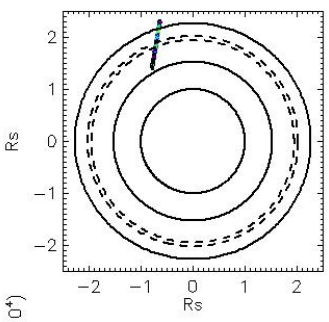


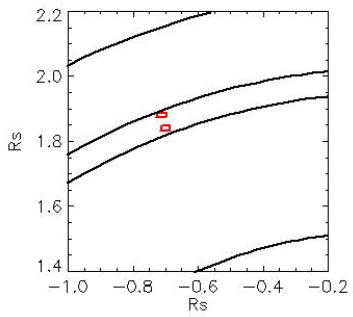










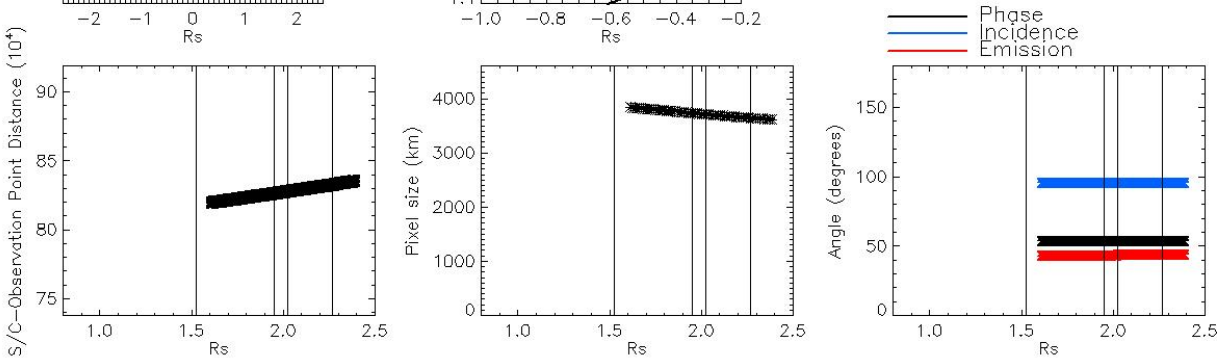


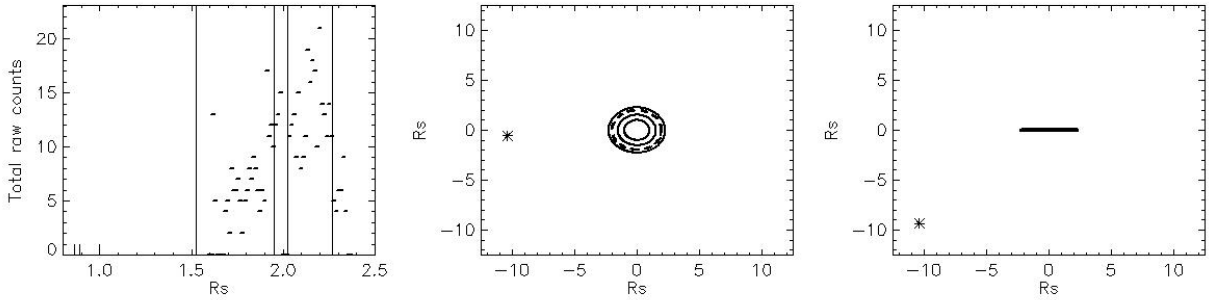
Observation Name:
UVIS_080RI_TEMPN45LP001_CIRS

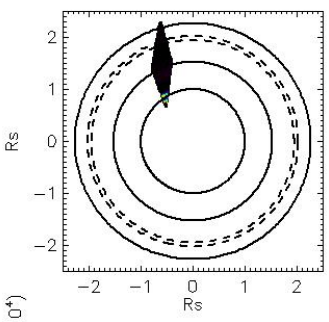
Observation Date:
2008_223_13_26_51

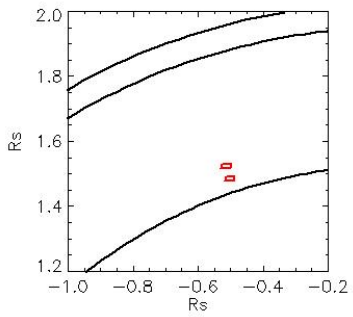
Observation Duration:
60 S

Integration time = 60 S







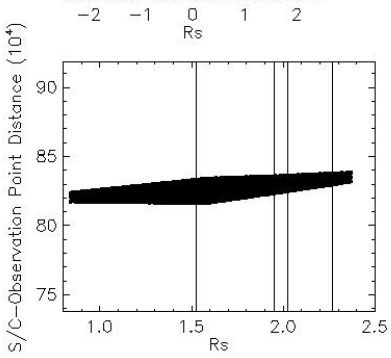


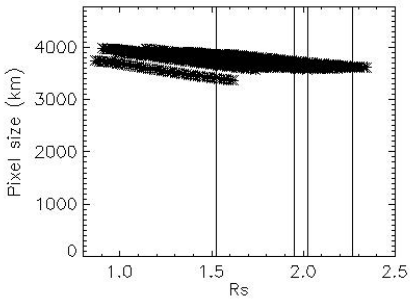
Observation Name:
UVIS_080RI_TEMPN45LP001_CIRS

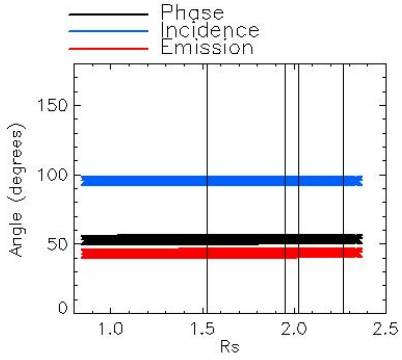
Observation Date:
2008_223_13_27_51

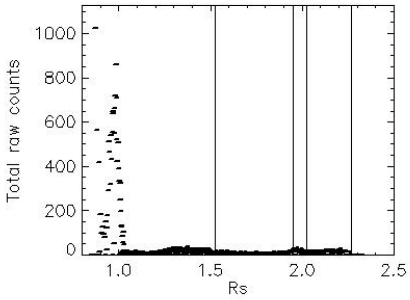
Observation Duration:
1140 S

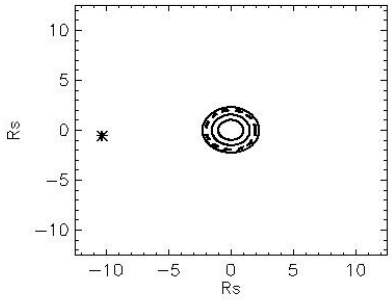
Integration time = 60 S

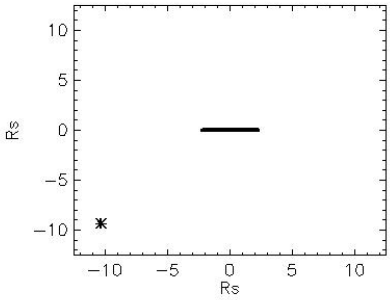


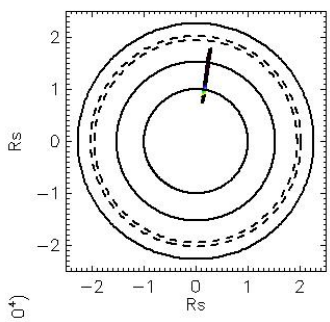


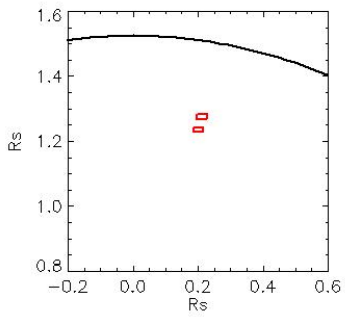










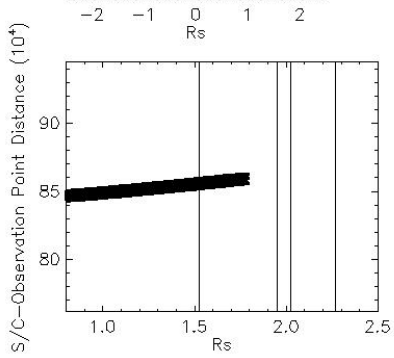


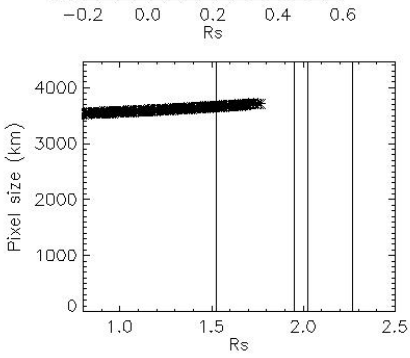
Observation Name:
UVIS_080RI_TEMPN45LP001_CIRS

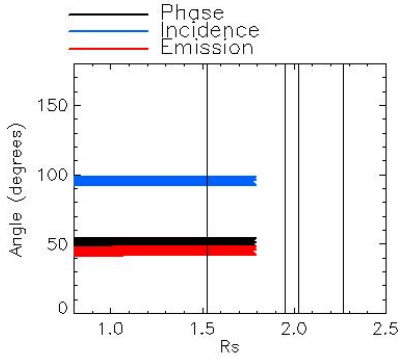
Observation Date:
2008_223_13_52_51

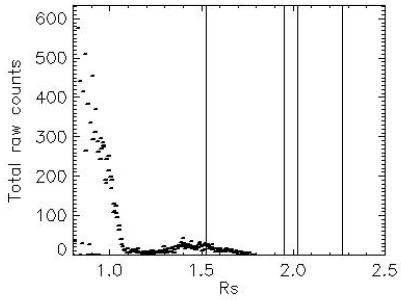
Observation Duration:
180 S

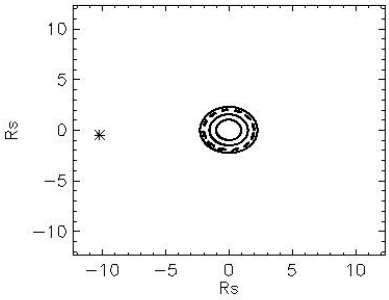
Integration time = 60 S

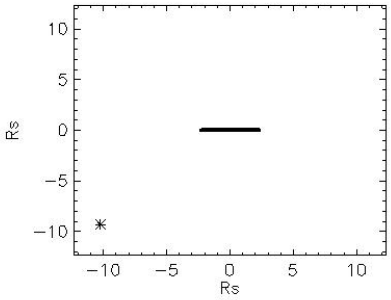


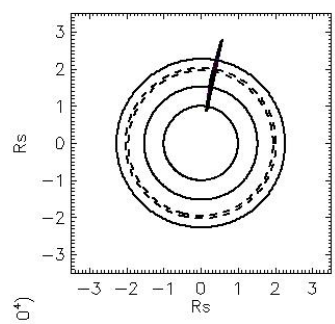


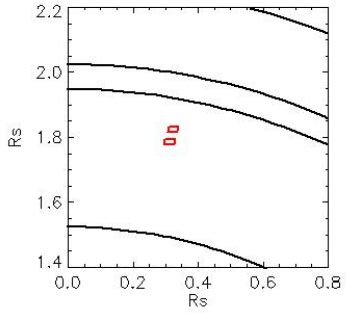










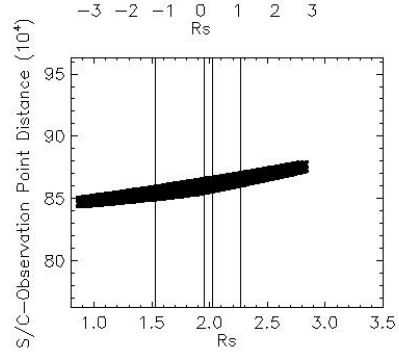


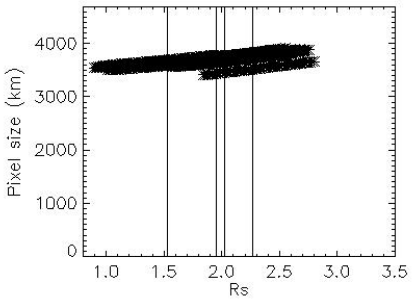
Observation Name:
UVIS_080RI_TEMPN45LP001_CIRS

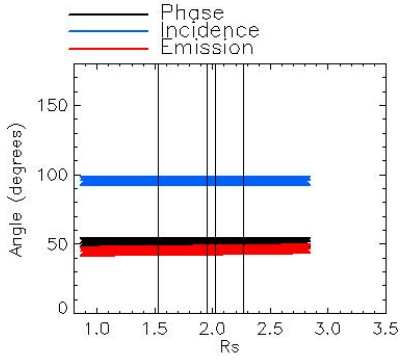
Observation Date:
2008_223_13_55_51

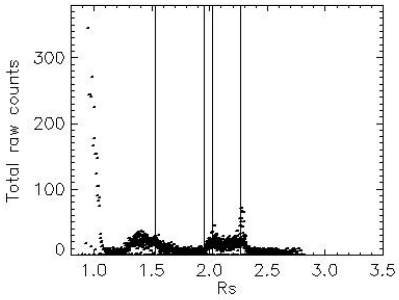
Observation Duration:
1500 S

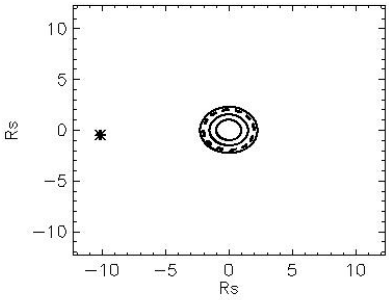
Integration time = 60 S

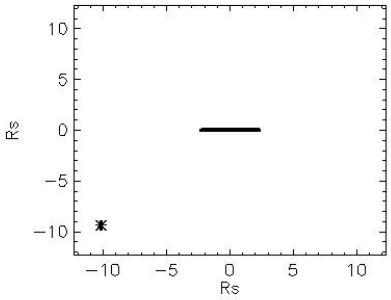


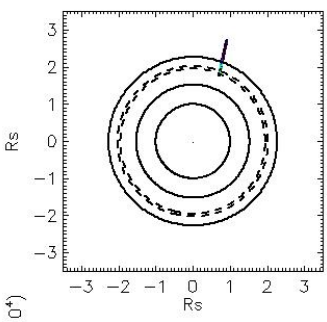


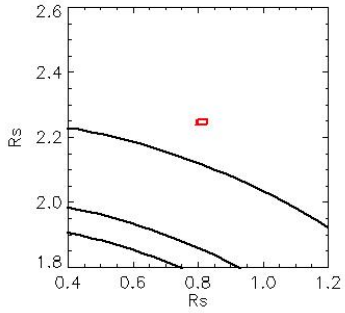










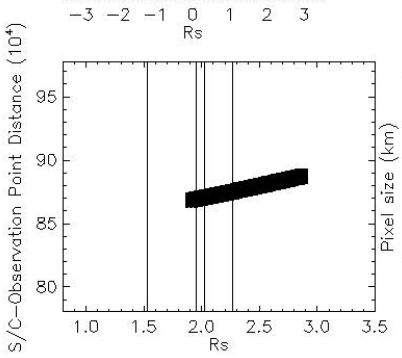


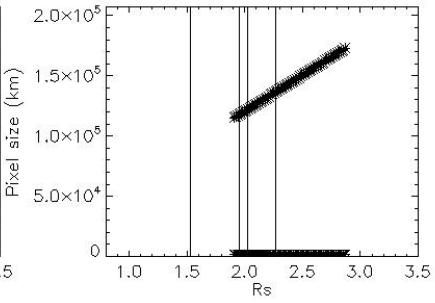
Observation Name:
UVIS_080RI_TEMPN45LP001_CIRS

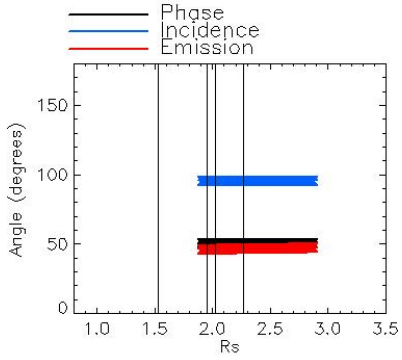
Observation Date:
2008_223_14_25_51

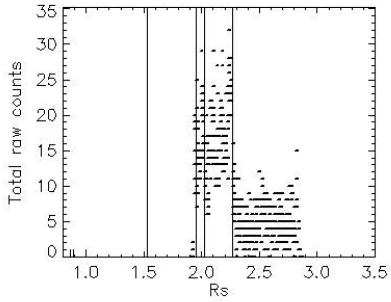
Observation Duration:
540 S

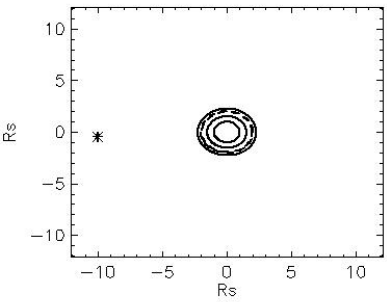
Integration time = 60 S

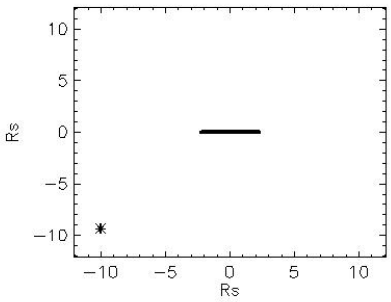


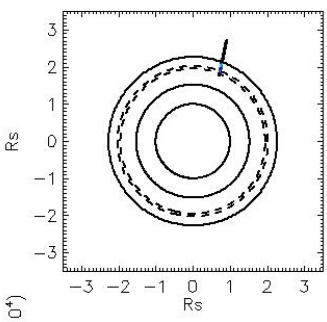


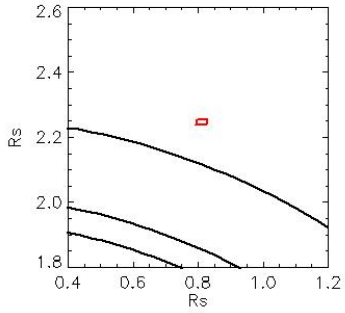










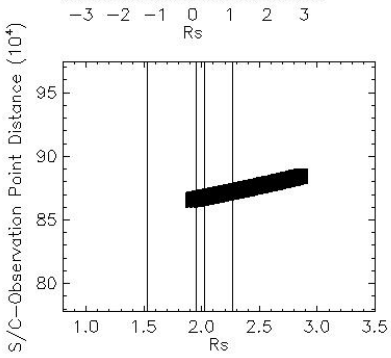


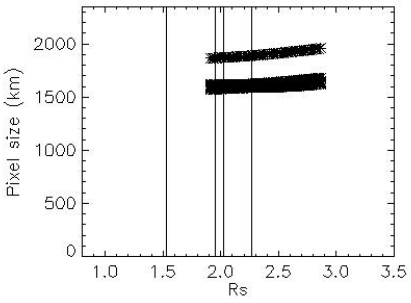
Observation Name:
UVIS_080RI_TEMPN45LP001_CIRS

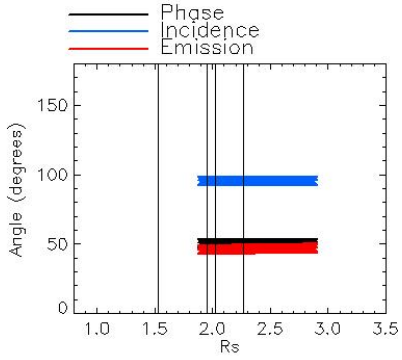
Observation Date:
2008_223_14_34_51

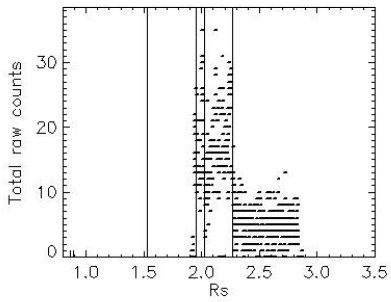
Observation Duration:
660 S

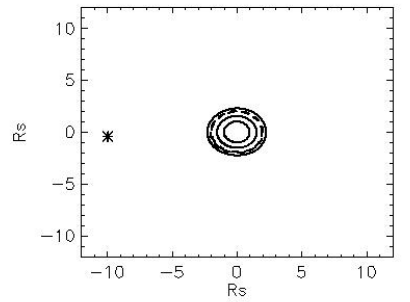
Integration time = 60 S

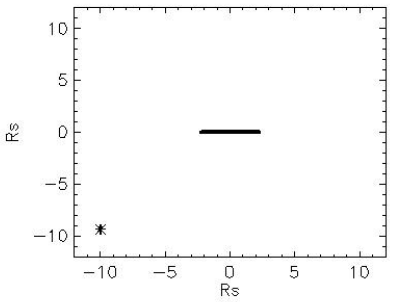


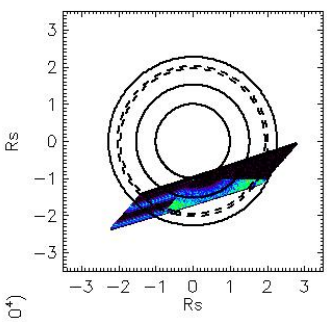


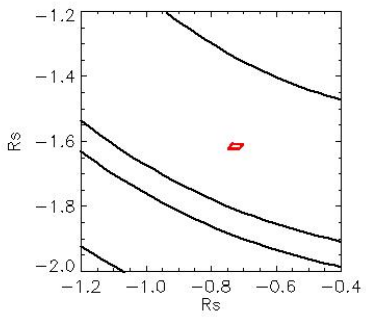










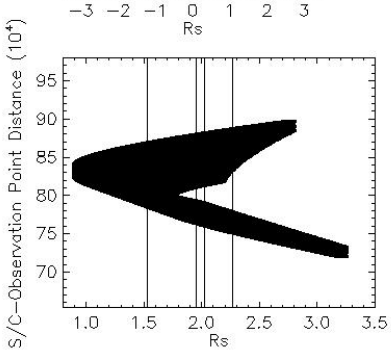


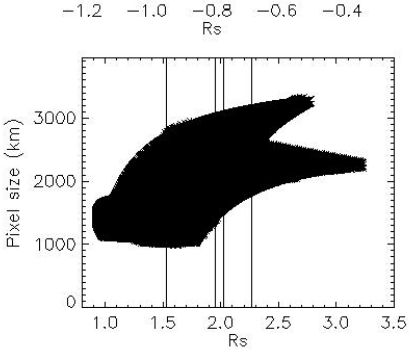
Observation Name:
UVIS_080RI_RSCNCOCC001_VIMS

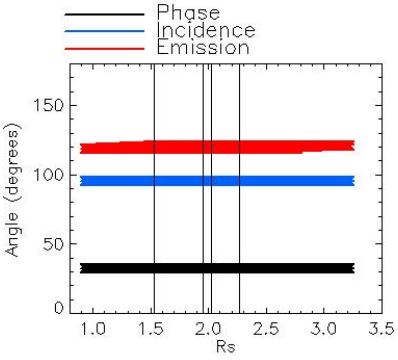
Observation Date:
2008_226_01_02_09

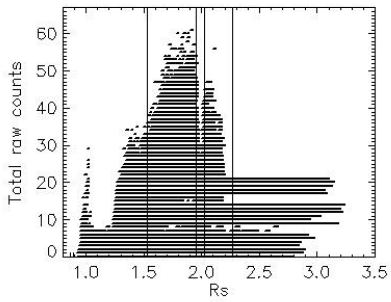
Observation Duration:
28160 S

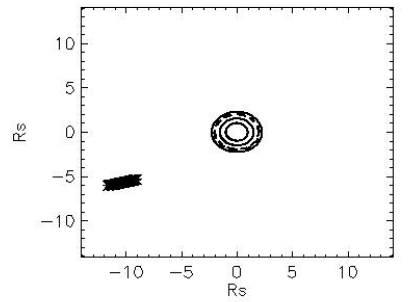
Integration time = 20 S

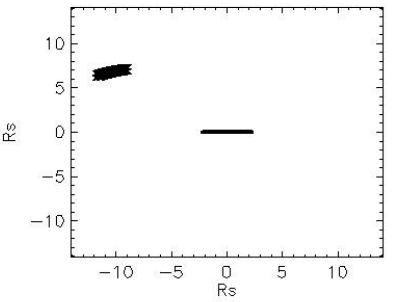










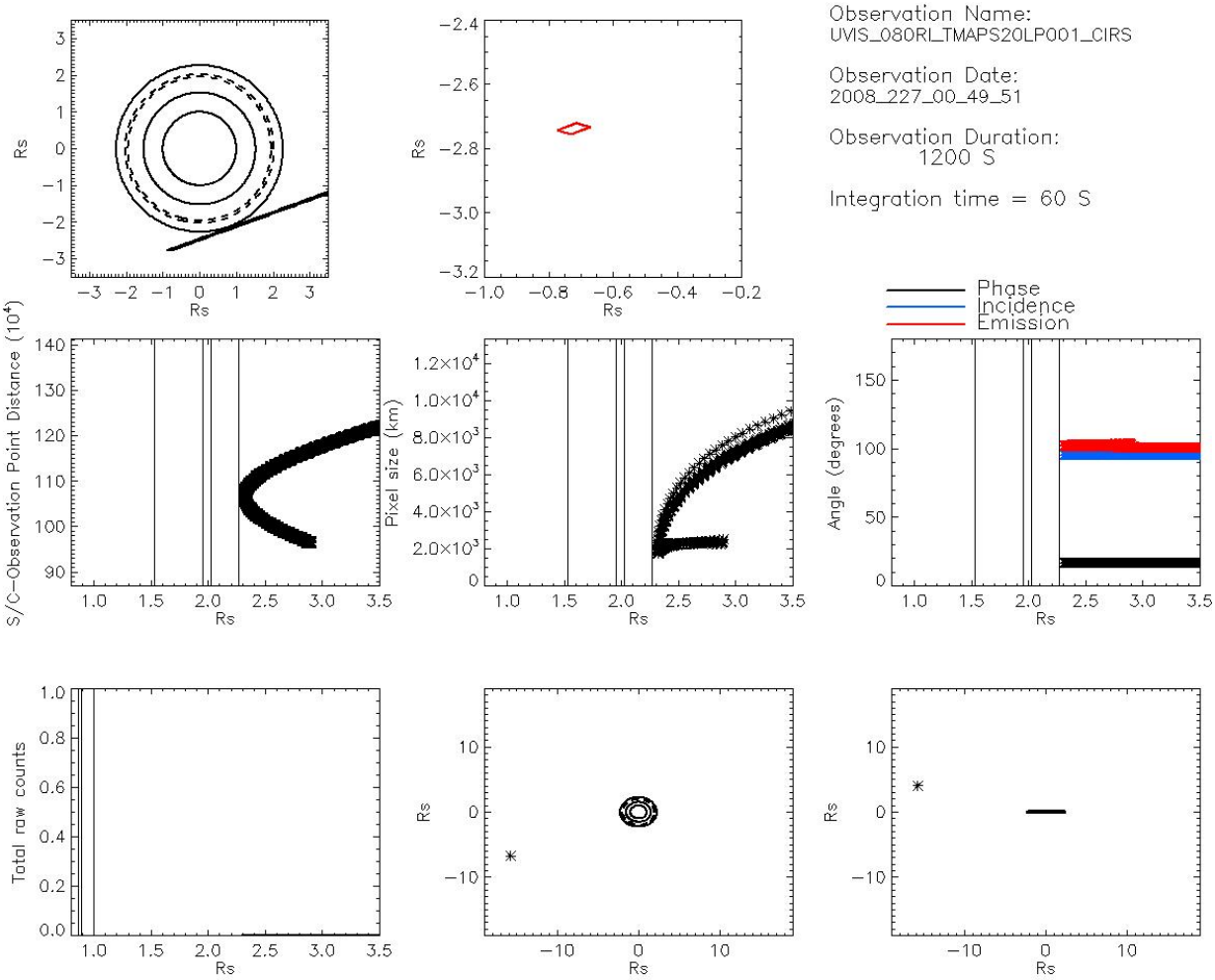


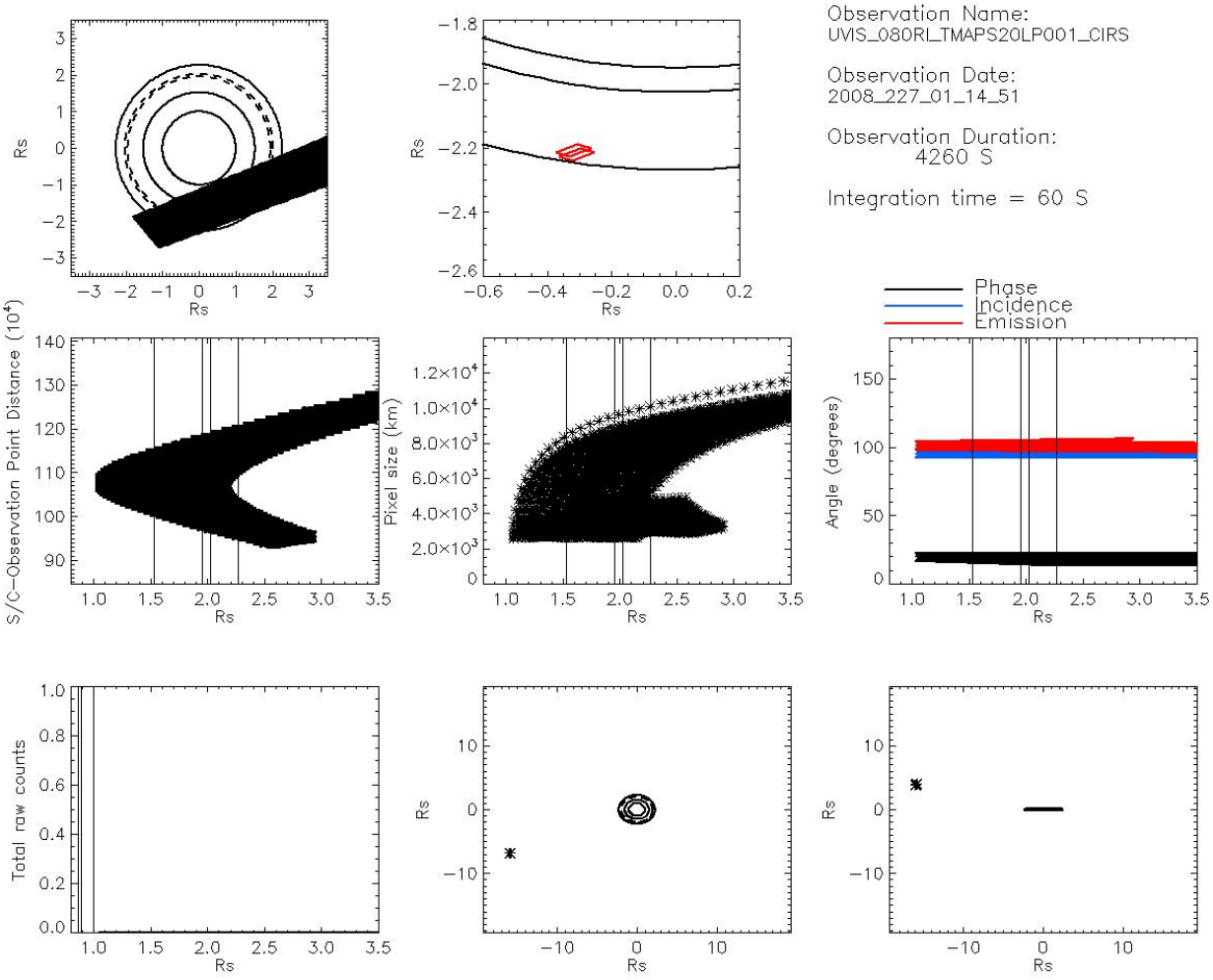
Observation Name:
UVIS_080RI_TMAPS20LP001_CIRS

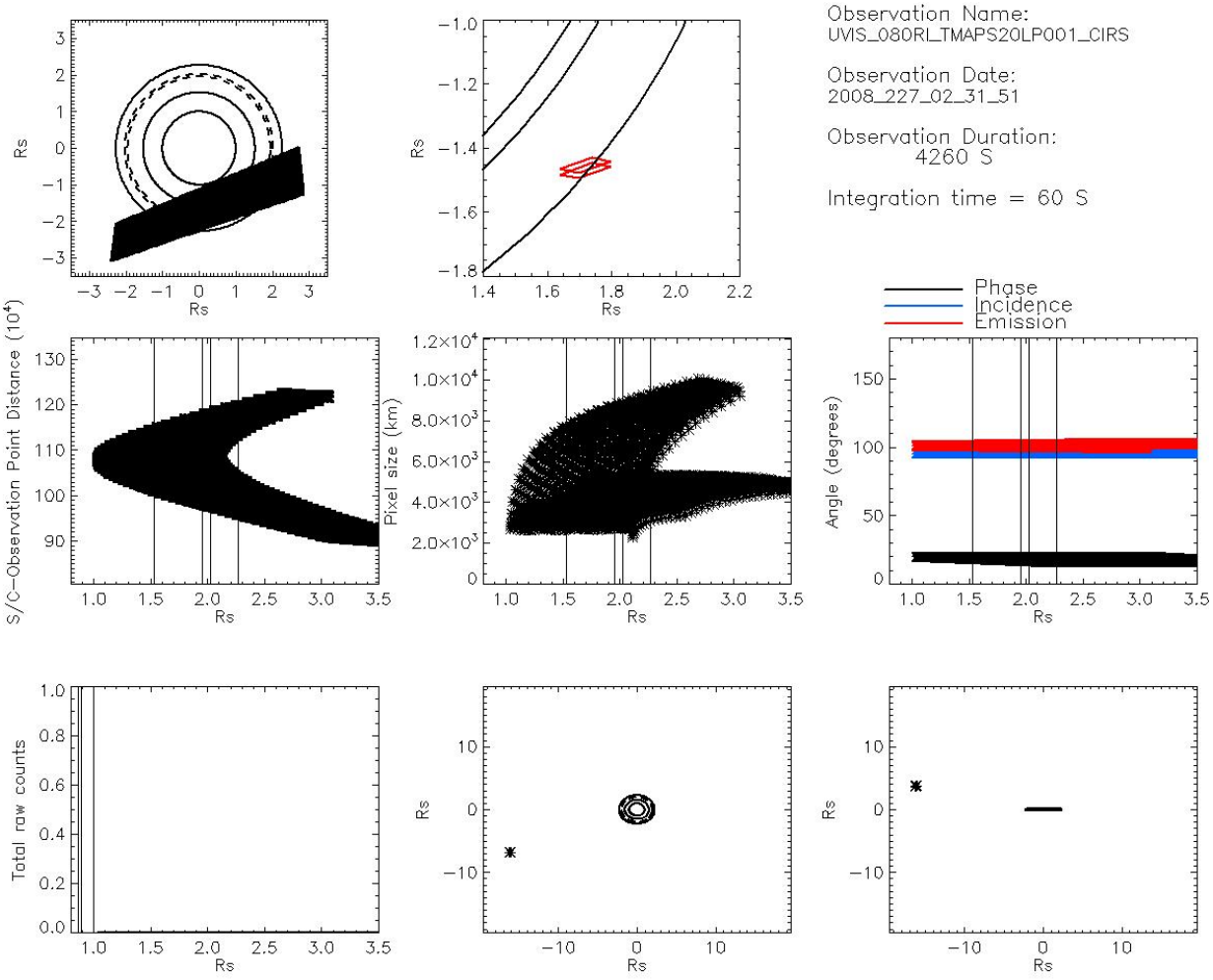
Observation Date:
2008_227_00_49_51

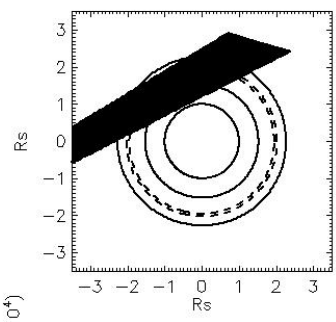
Observation Duration:
1200 S

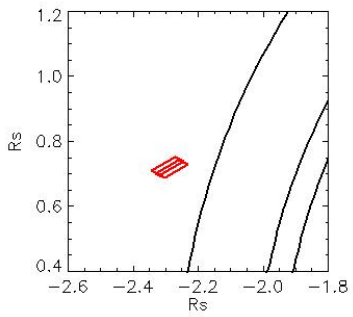
Integration time = 60 S




Observation Name:
UVIS_080RI_TMAPS20LP001_CIRS
Observation Date:
2008_227_01_14_51
Observation Duration:
4260 S
Integration time = 60 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts


Observation Name:
UVIS_080RI_TMAPS20LP001_CIRS
Observation Date:
2008_227_02_31_51
Observation Duration:
4260 S
Integration time = 60 S
Phase
Incidence
Emission
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts
Rs



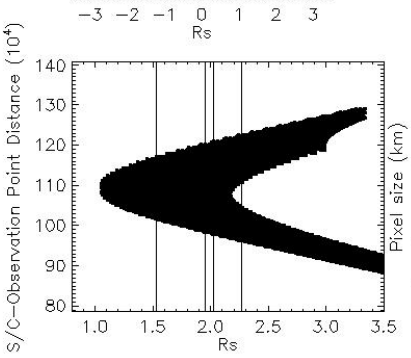


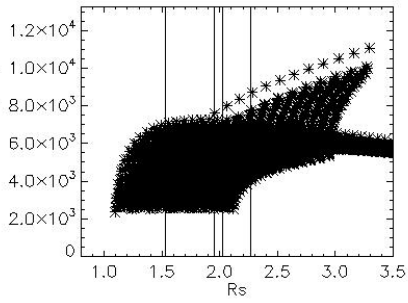
Observation Name:
UVIS_080RI_TMAPS20LP001_CIRS

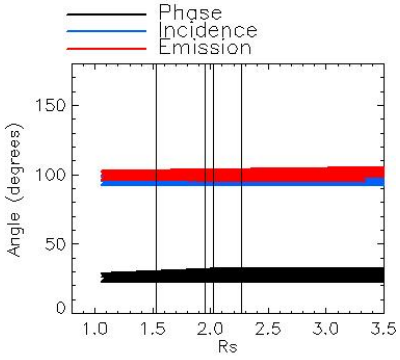
Observation Date:
2008_227_03_48_51

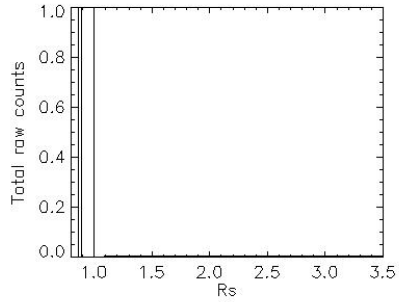
Observation Duration:
4260 S

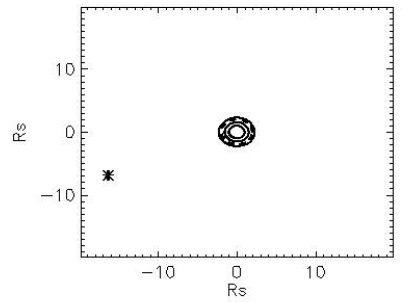
Integration time = 60 S

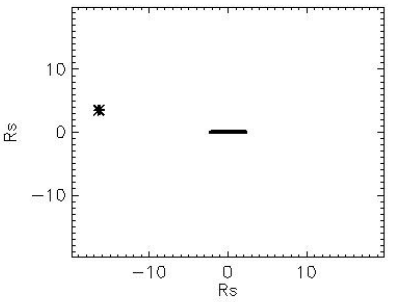


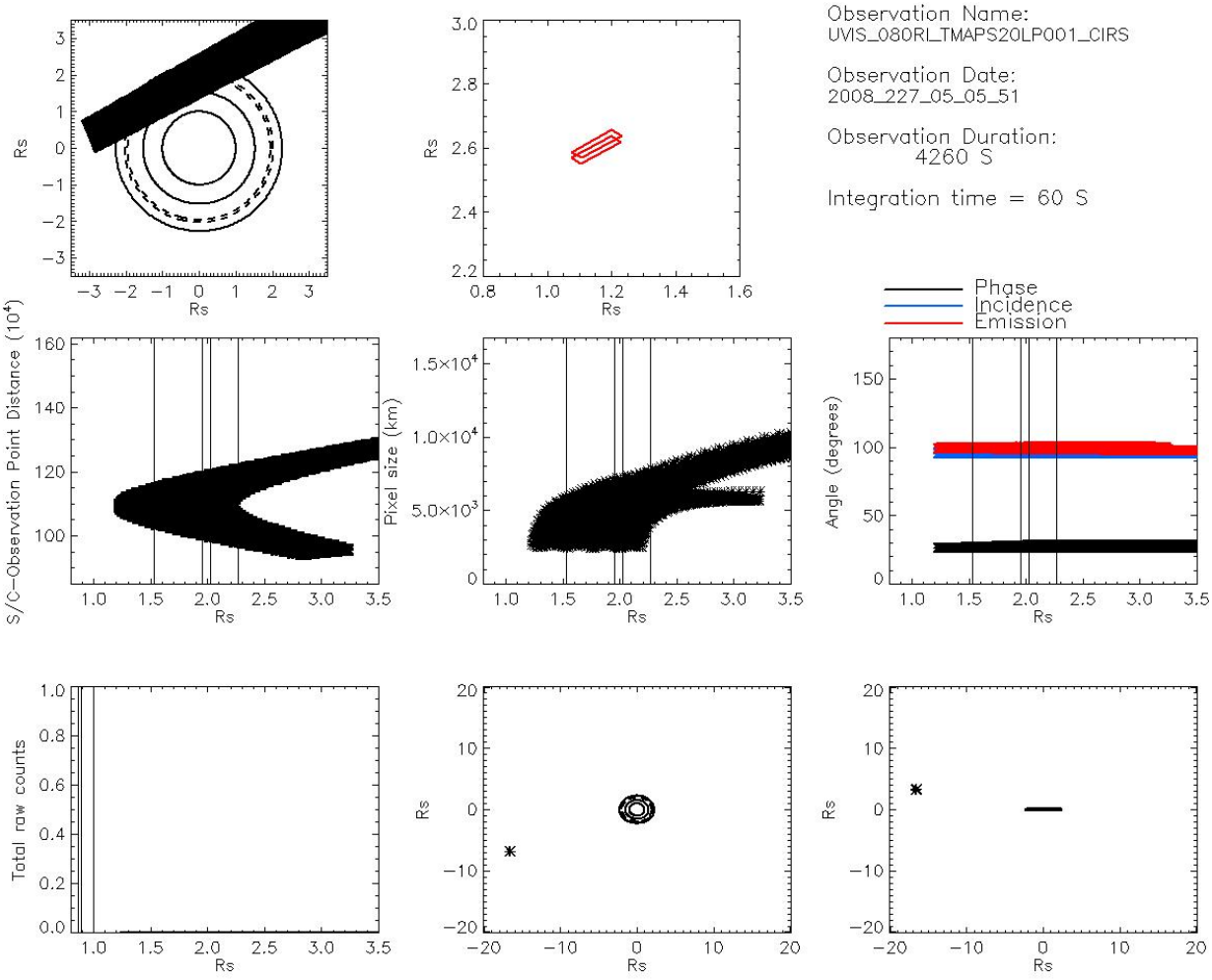











Observation Name:
UVIS_080RI_TMAPS20LP001_CIRS
Observation Date:
2008_227_05_05_51
Observation Duration:
4260 S
Integration time = 60 S
Phase
Incidence
Emission
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts
Rs