

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.

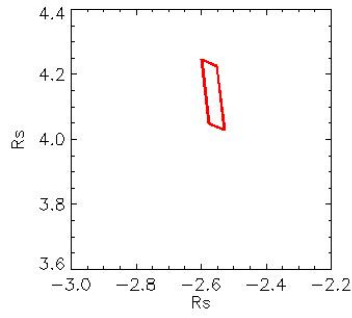
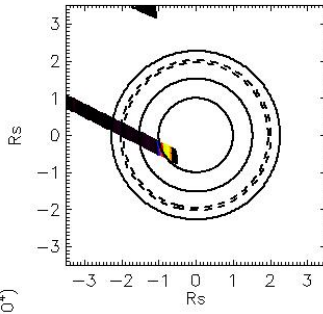
Middle center: Maximum projected smeared pixel size for all data records plotted against the radial location of the projected pixel at the middle of the integration period.

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.

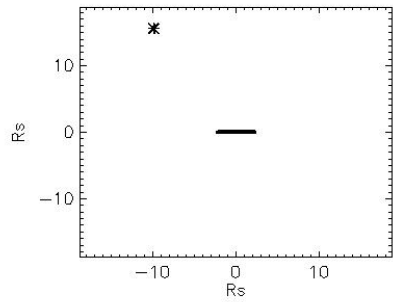
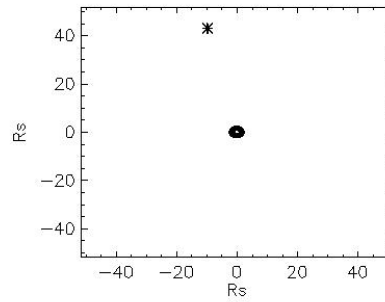
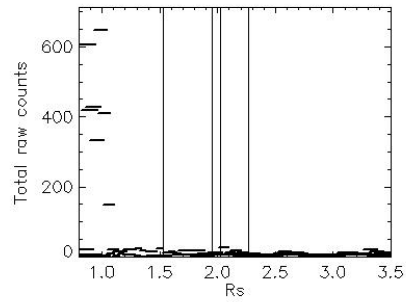
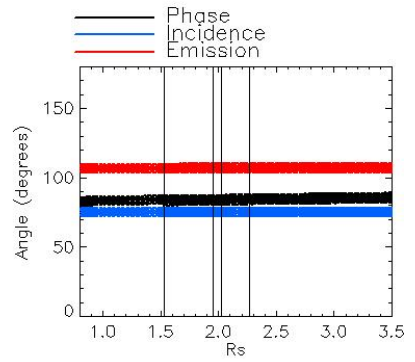
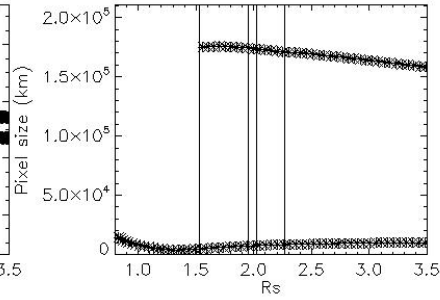
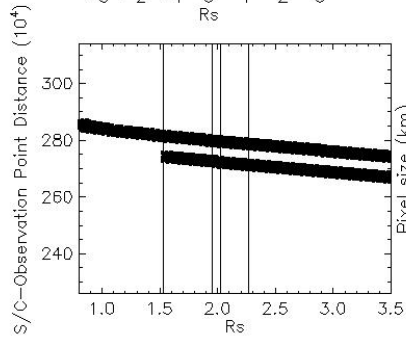


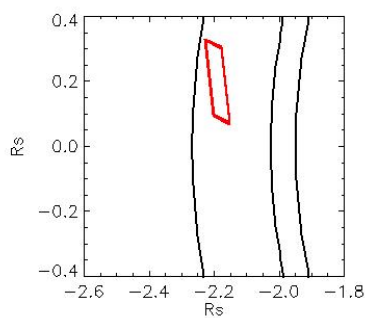
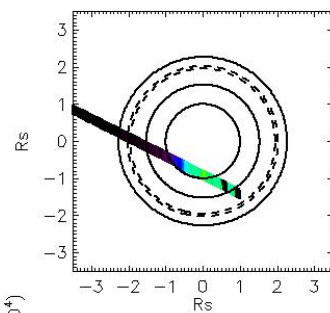
Observation Name:
UVIS_168RLAPOMOSAIC001_VIMS

Observation Date:
2012_171_06_04_36

Observation Duration:
4320 S

Integration time = 80 S



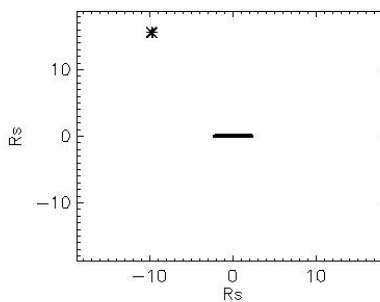
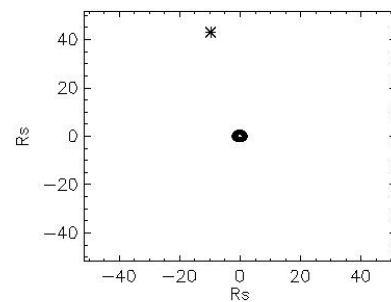
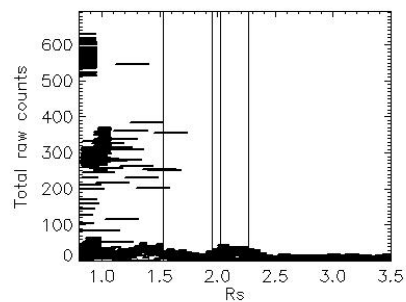
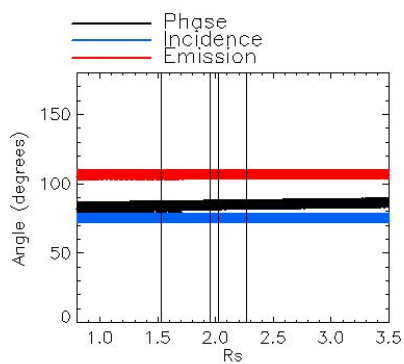
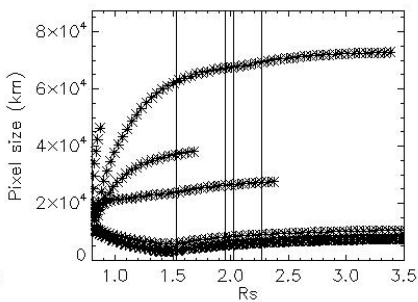
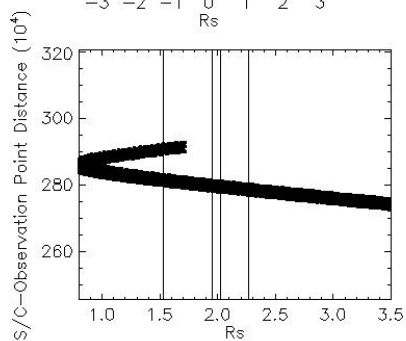


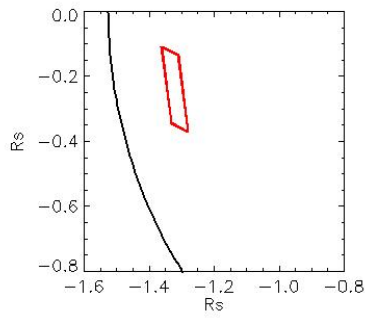
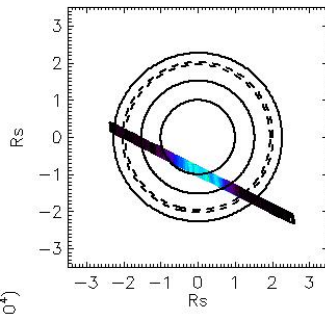
Observation Name:
UVIS_168RLAPOMOSAIC001_VIMS

Observation Date:
2012_171_07_17_12

Observation Duration:
4320 S

Integration time = 80 S



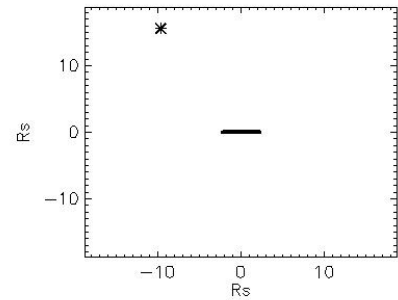
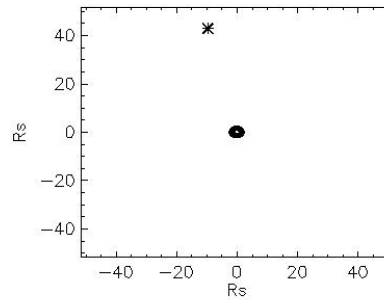
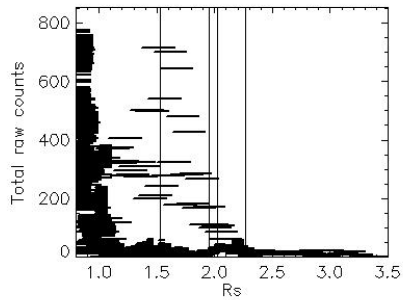
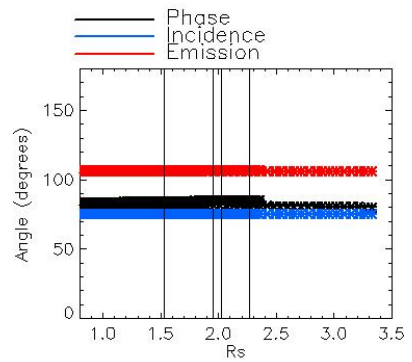
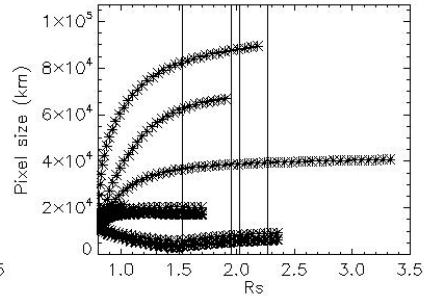
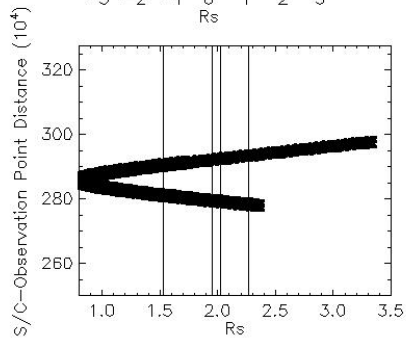


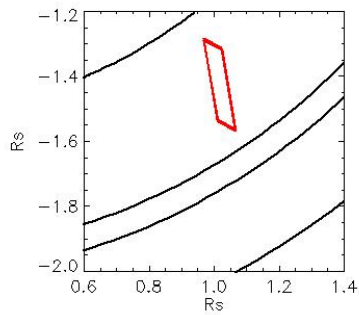
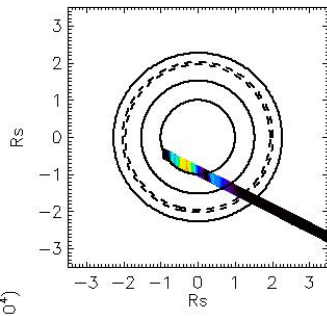
Observation Name:
UVIS_168RLAPOMOSAIC001_VIMS

Observation Date:
2012_171_08_30_26

Observation Duration:
4320 S

Integration time = 80 S



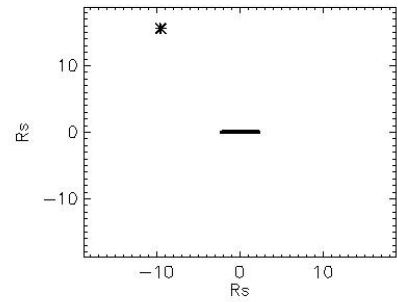
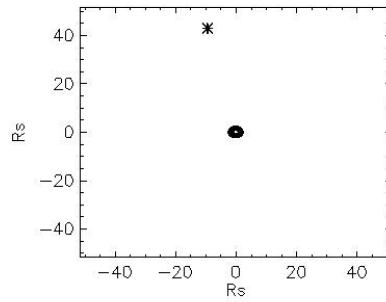
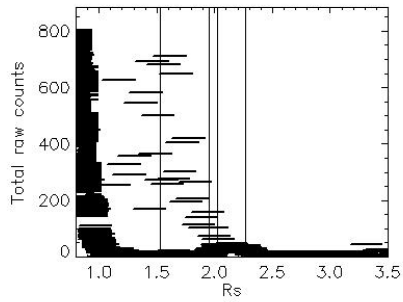
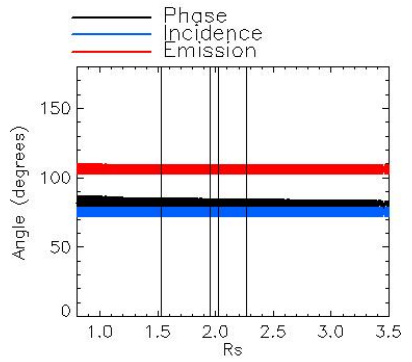
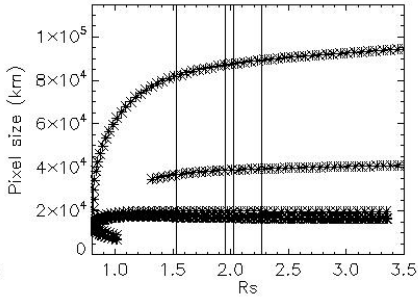
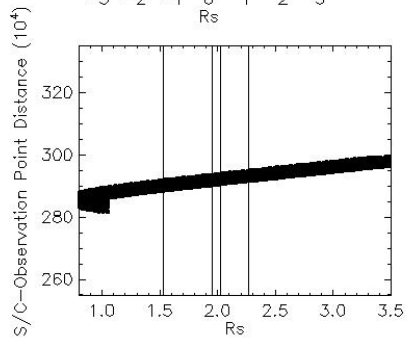


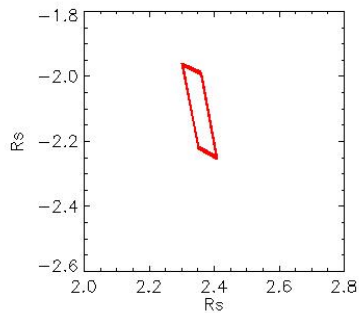
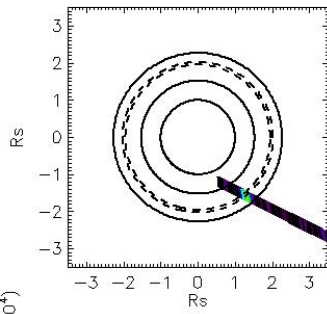
Observation Name:
UVIS_168RLAPOMOSAIC001_VIMS

Observation Date:
2012_171_09_43_40

Observation Duration:
4320 S

Integration time = 80 S



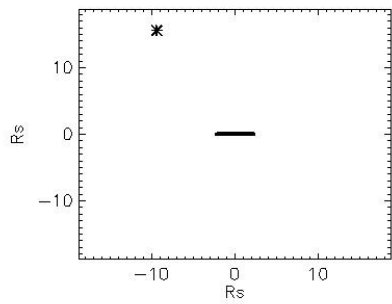
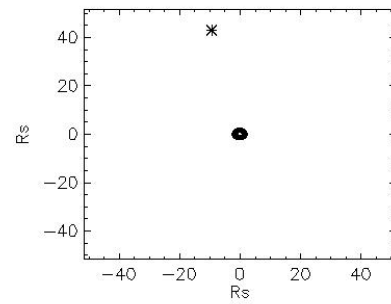
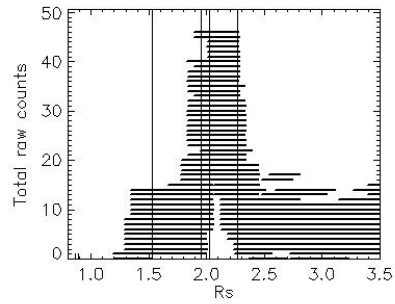
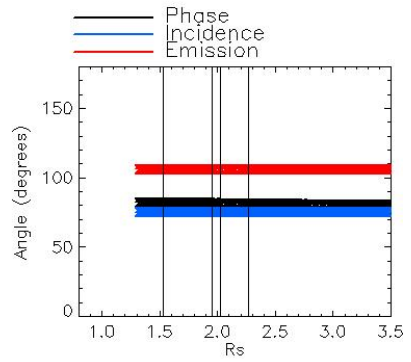
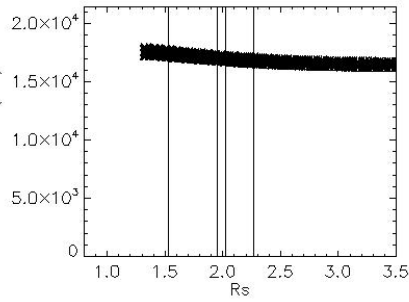
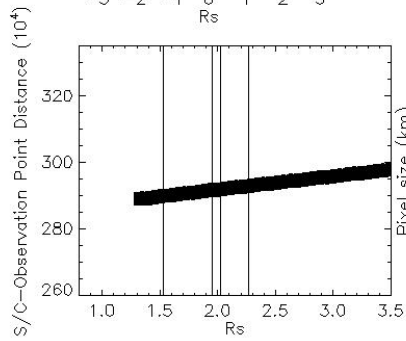


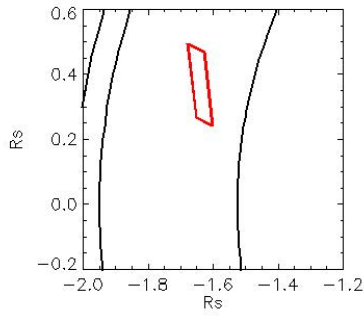
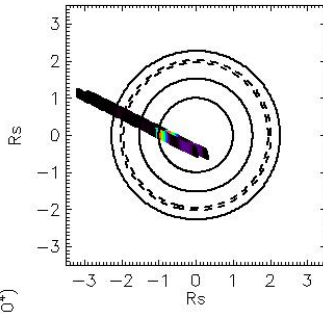
Observation Name:
UVIS_168RLAPOMOSAIC001_VIMS

Observation Date:
2012_171_10_56_54

Observation Duration:
4320 S

Integration time = 80 S



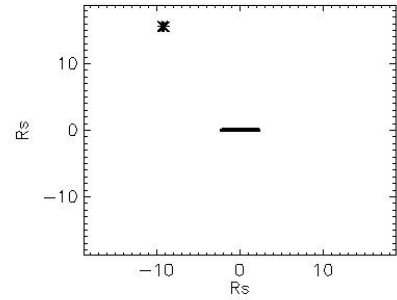
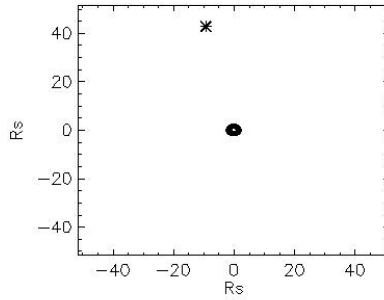
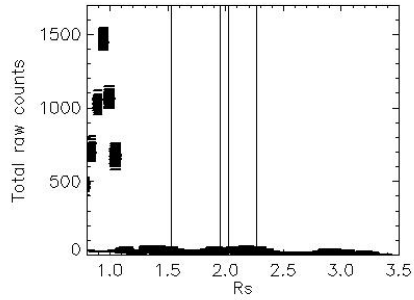
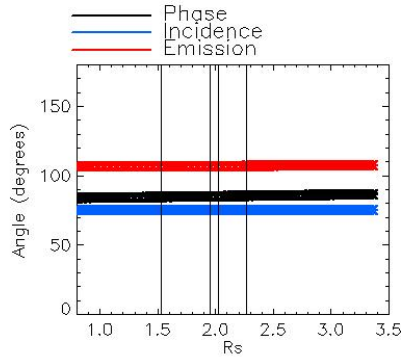
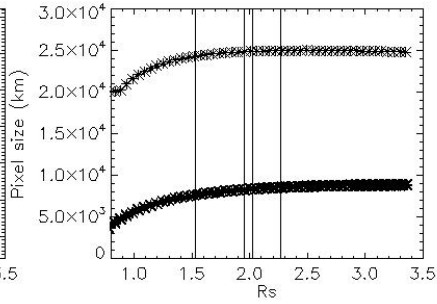
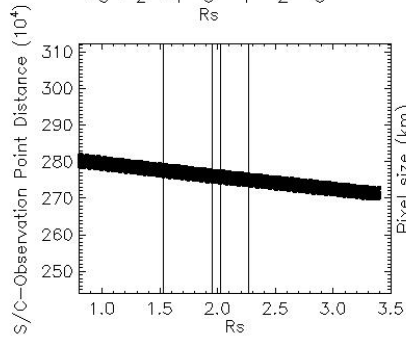


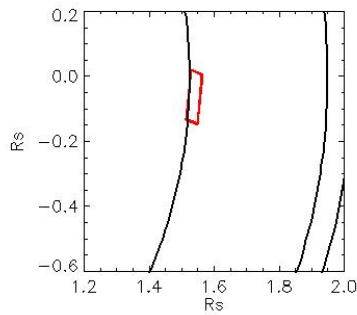
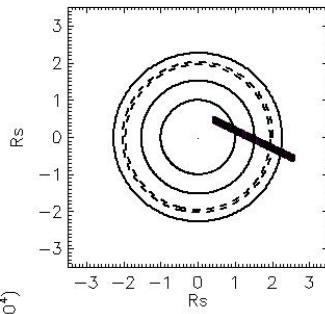
Observation Name:
UVIS_168RLAPOMOSAIC001_VIMS

Observation Date:
2012_171_12_14_53

Observation Duration:
7280 S

Integration time = 80 S



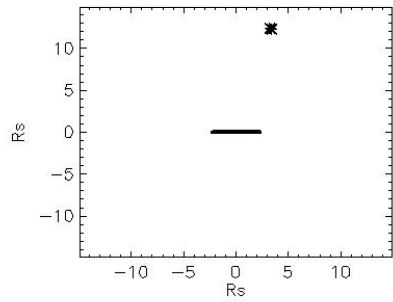
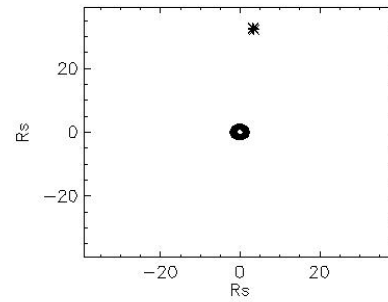
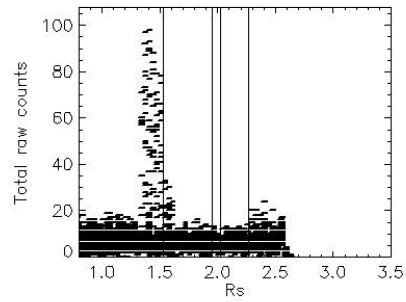
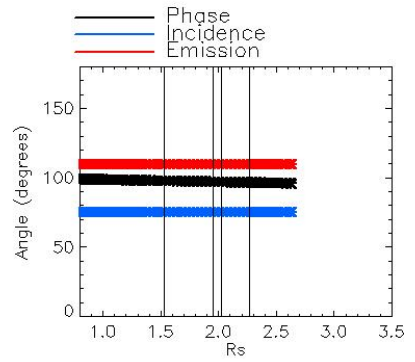
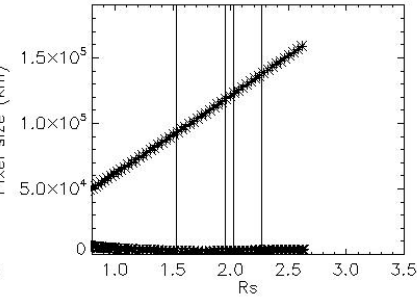
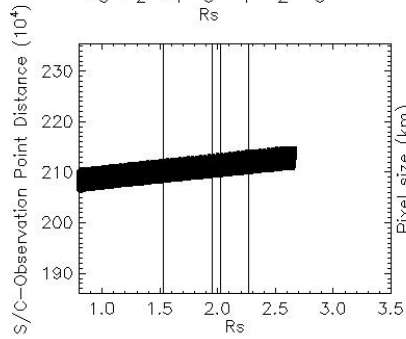


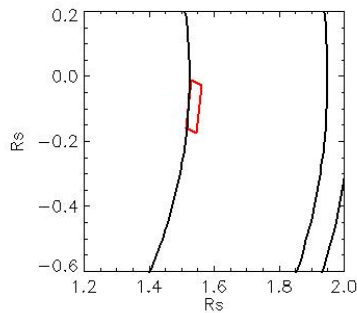
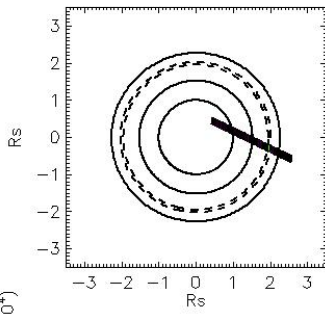
Observation Name:
UMS_168RLSPOKEMOV001_JSS

Observation Date:
2012_176_07_20_37

Observation Duration:
8000 S

Integration time = 80 S



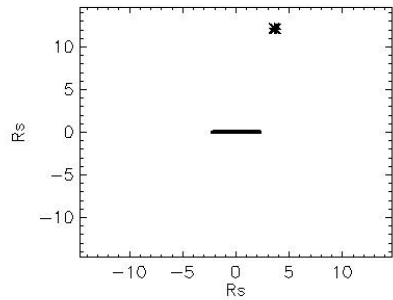
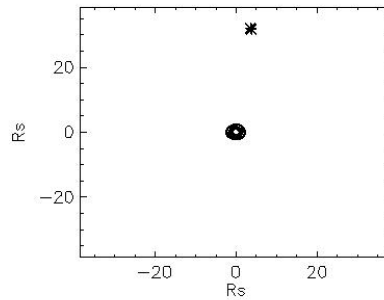
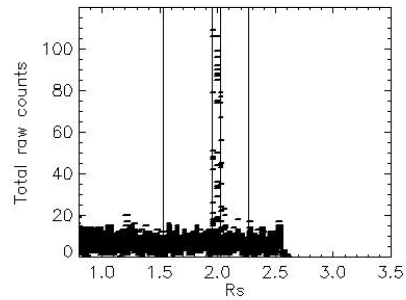
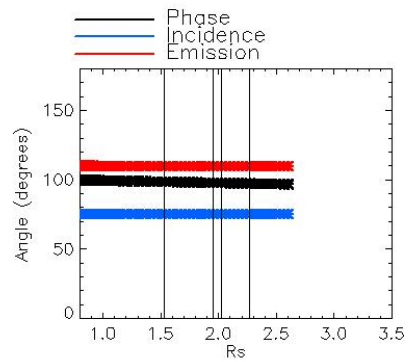
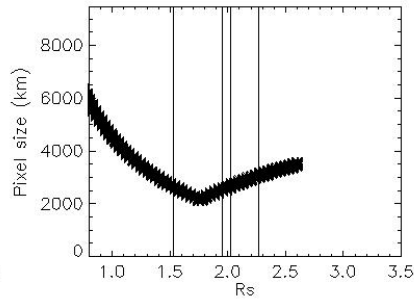
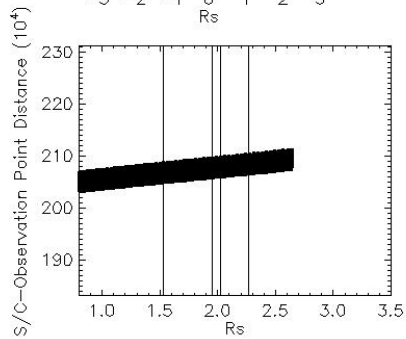


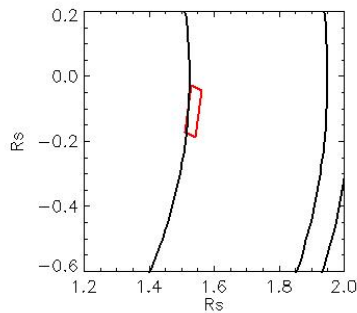
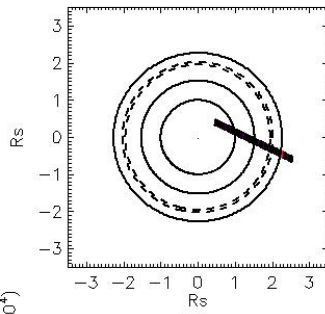
Observation Name:
UWS_168RLSPOKEMOV001_JSS

Observation Date:
2012_176_10_57_57

Observation Duration:
6800 S

Integration time = 80 S



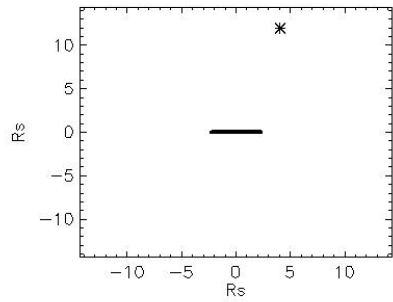
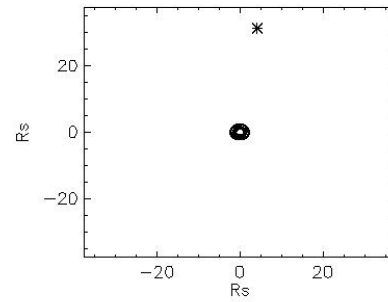
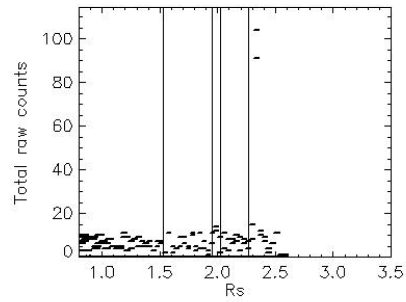
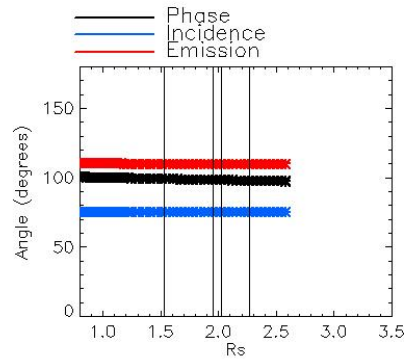
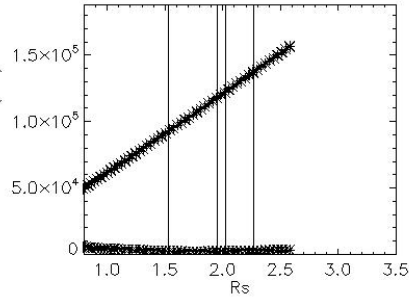
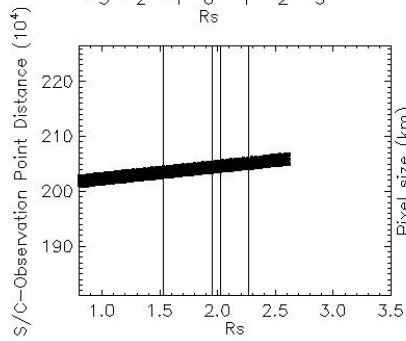


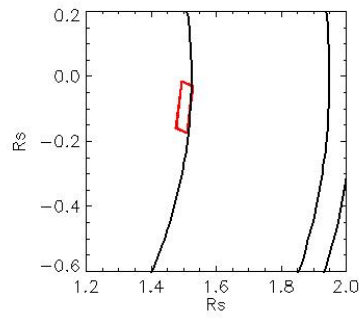
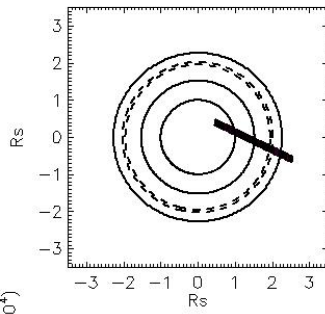
Observation Name:
UWS_168RLSPOKEMOV001_JSS

Observation Date:
2012_176_15_01_57

Observation Duration:
320 S

Integration time = 80 S



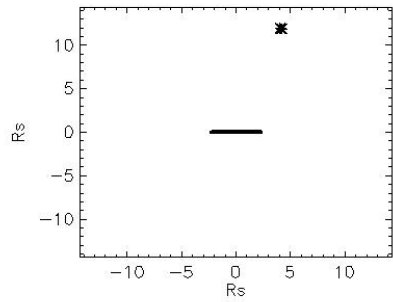
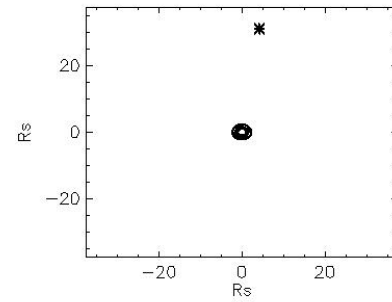
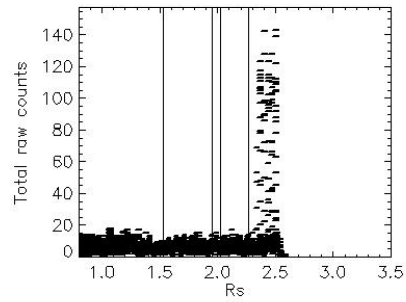
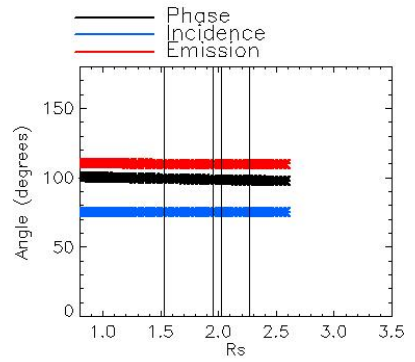
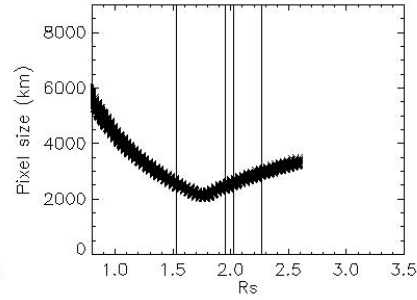
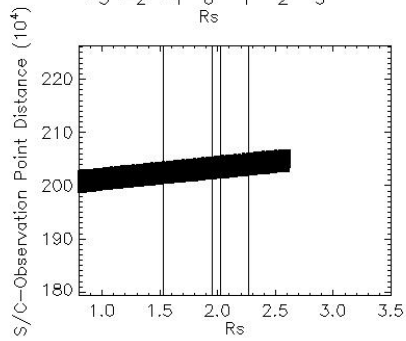


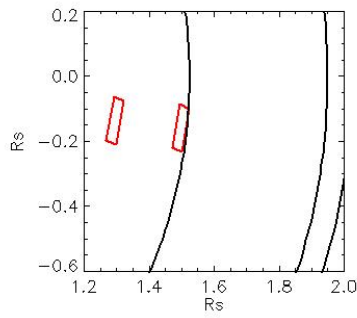
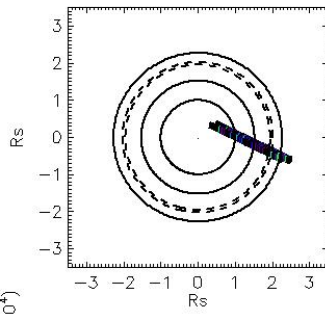
Observation Name:
UWS_168RLSPOKEMOV001_JSS

Observation Date:
2012_176_15_11_17

Observation Duration:
6560 S

Integration time = 80 S



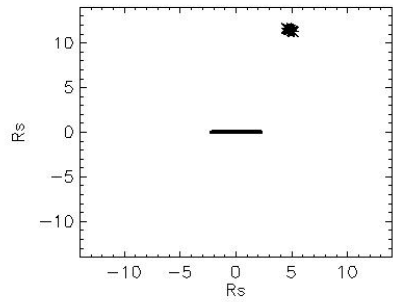
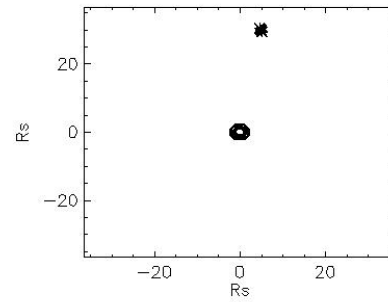
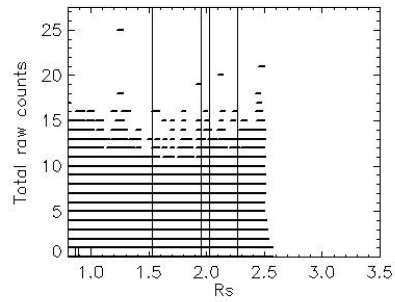
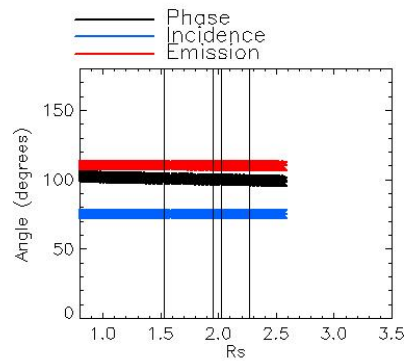
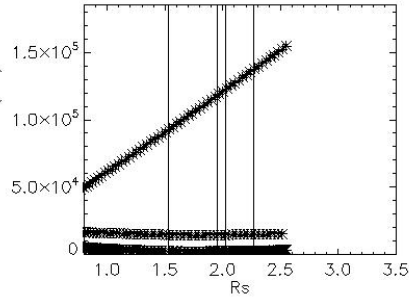
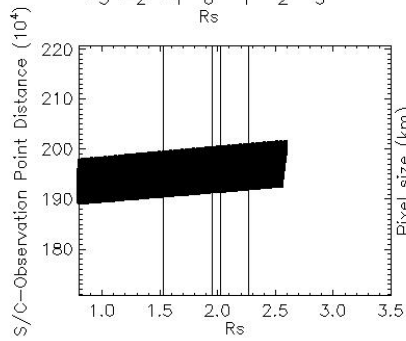


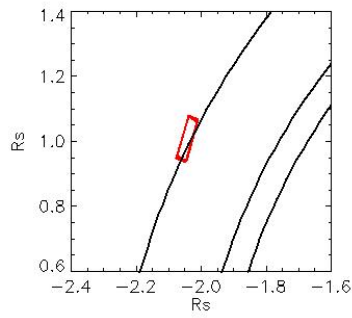
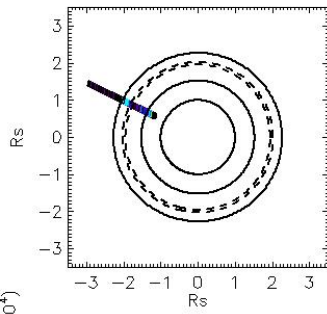
Observation Name:
UVS_168RLSPOKEMOV001_JSS

Observation Date:
2012_176_19_51_16

Observation Duration:
21840 S

Integration time = 80 S



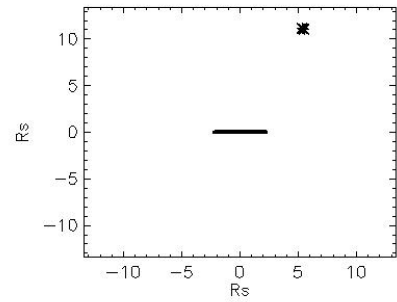
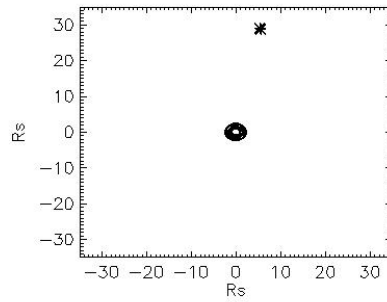
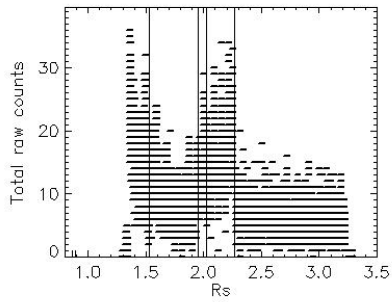
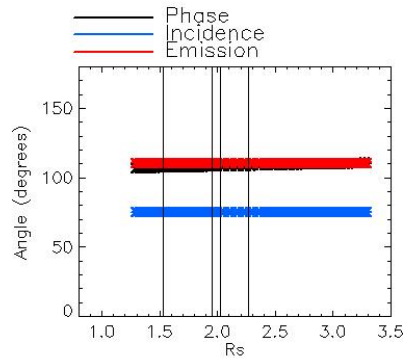
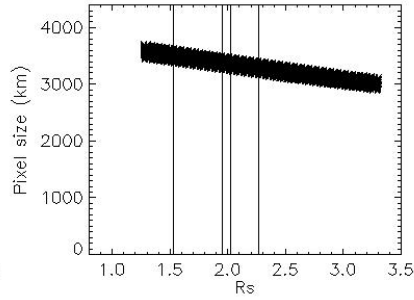
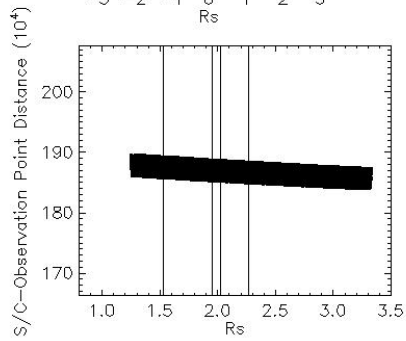


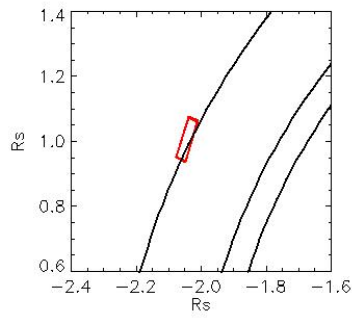
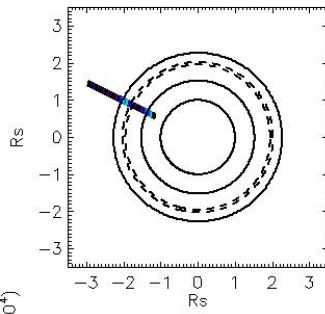
Observation Name:
UVIS_168RLFM0VIE001_JSS

Observation Date:
2012_177_03_04_12

Observation Duration:
6000 S

Integration time = 80 S



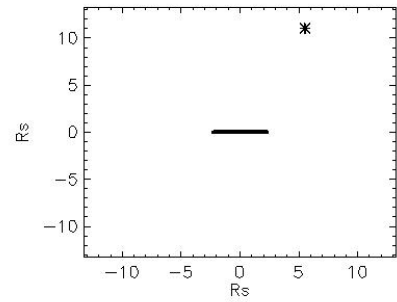
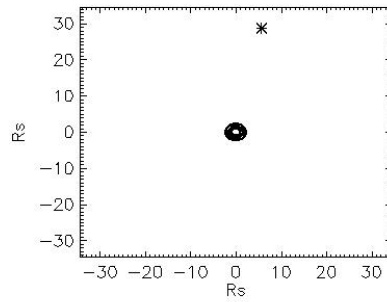
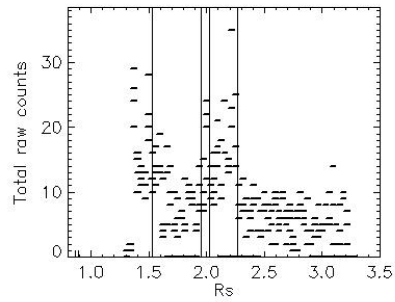
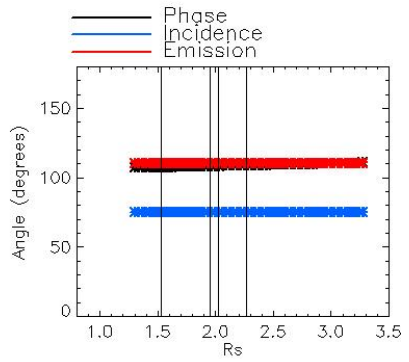
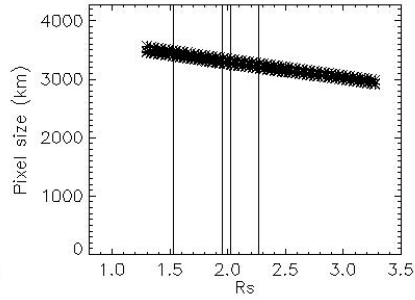
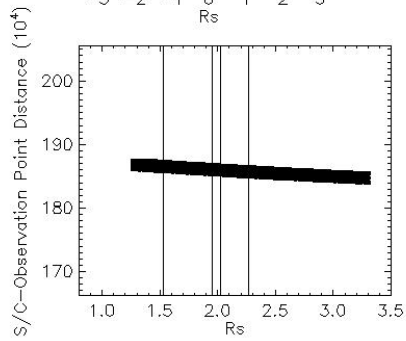


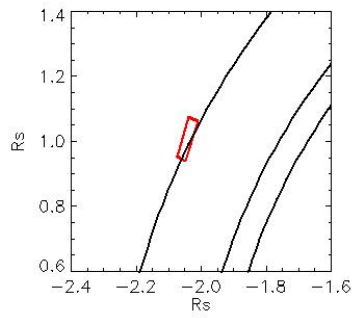
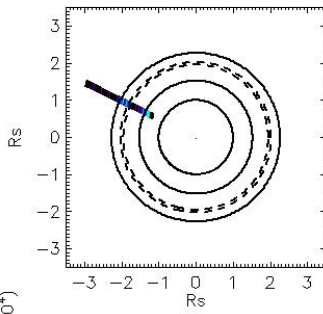
Observation Name:
UVIS_168RLFM0VIE001_JSS

Observation Date:
2012_177_04_44_12

Observation Duration:
400 S

Integration time = 80 S



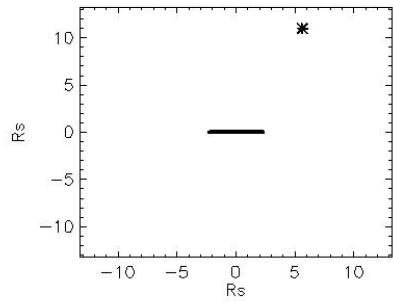
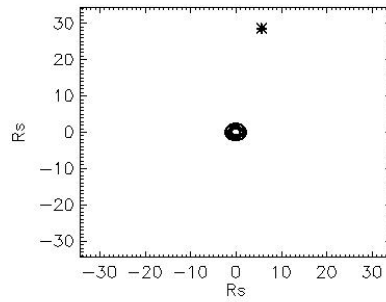
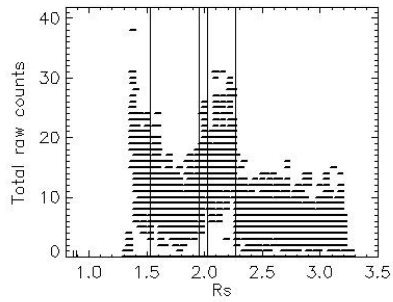
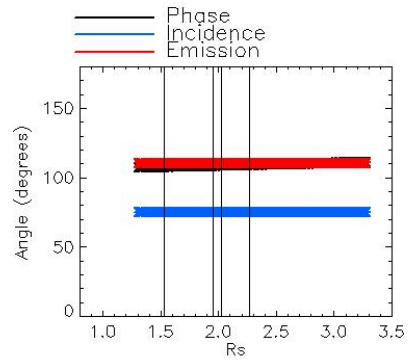
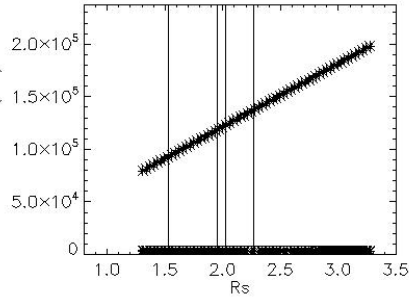
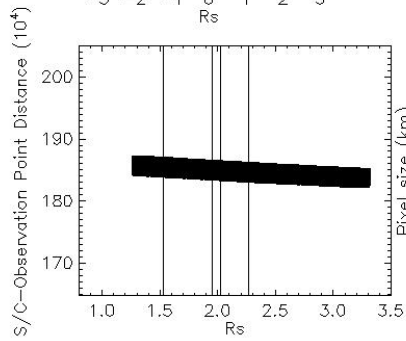


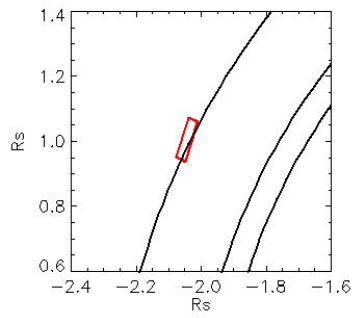
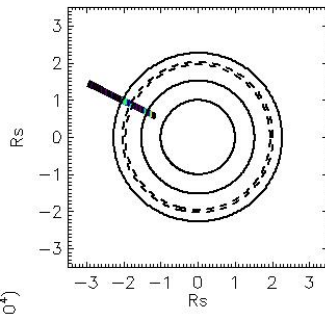
Observation Name:
UVIS_168RLFM0VIE001_JSS

Observation Date:
2012_177_05_09_32

Observation Duration:
4240 S

Integration time = 80 S



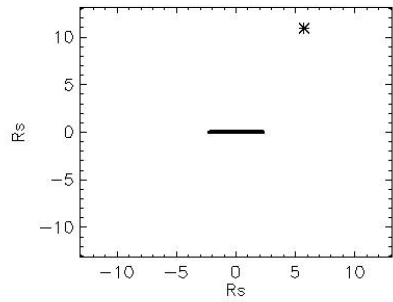
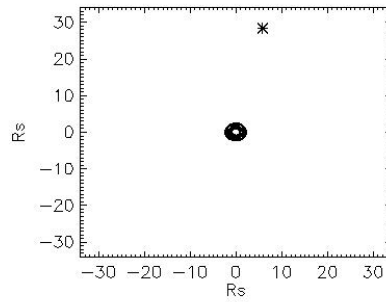
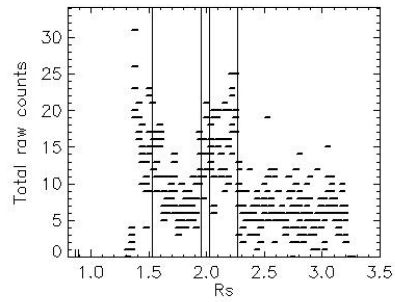
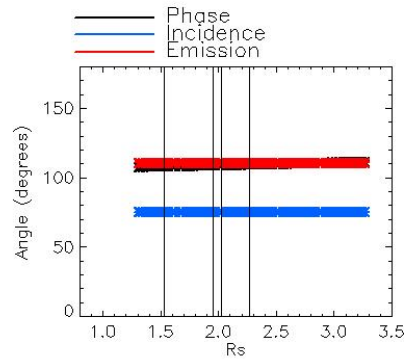
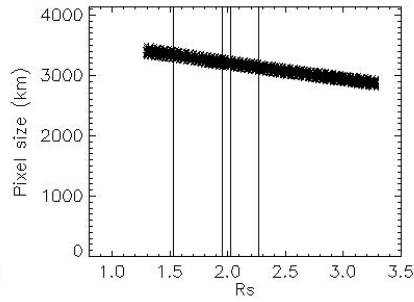
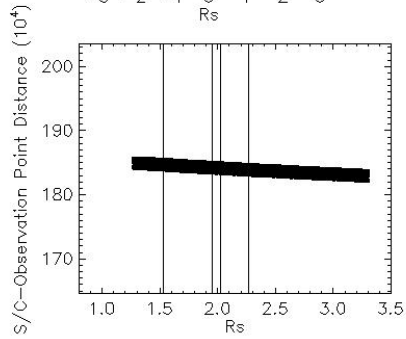


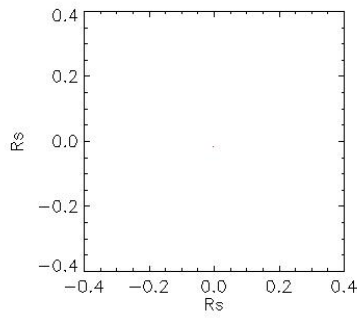
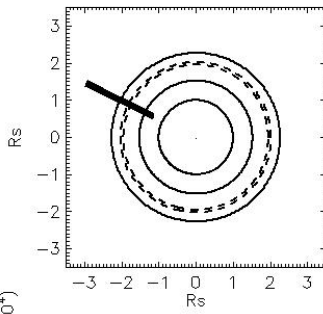
Observation Name:
UVIS_168RLFM0VIE001_JSS

Observation Date:
2012_177_06_20_12

Observation Duration:
720 S

Integration time = 80 S



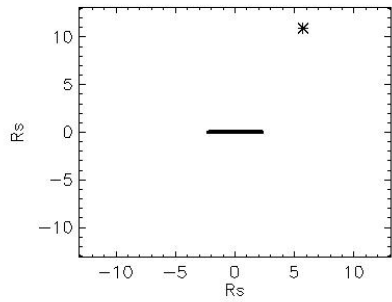
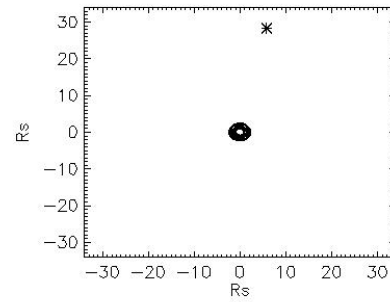
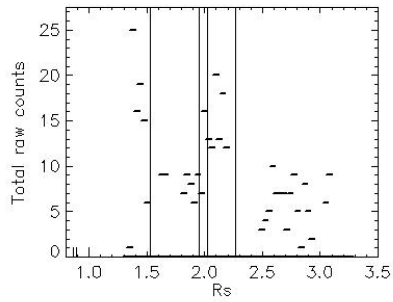
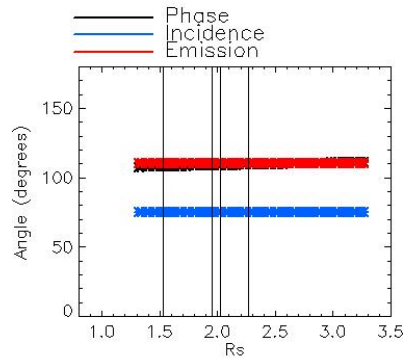
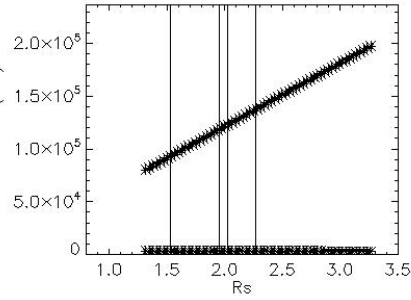
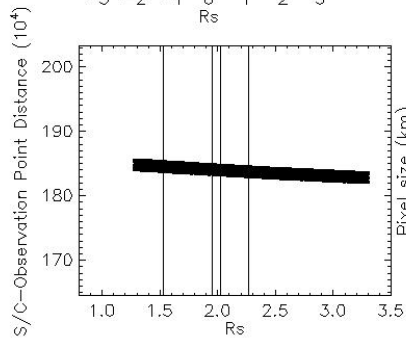


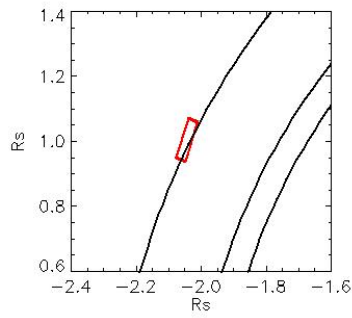
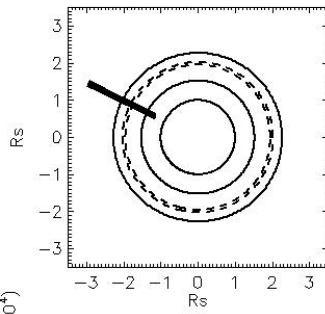
Observation Name:
UWS_168RLFM0VIE001_JSS

Observation Date:
2012_177_06_32_12

Observation Duration:
160 S

Integration time = 80 S



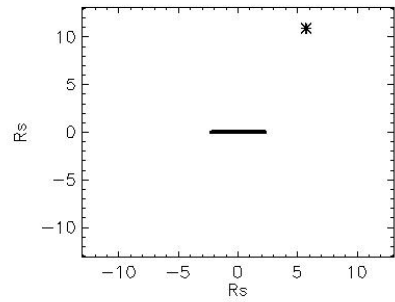
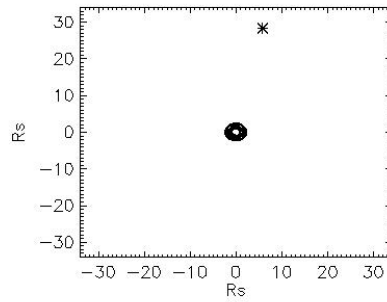
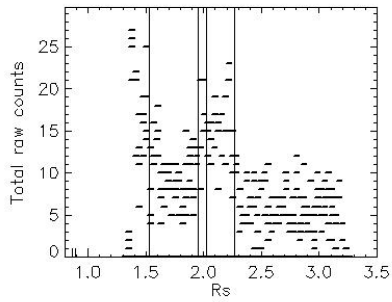
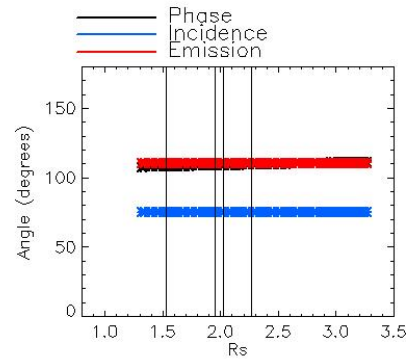
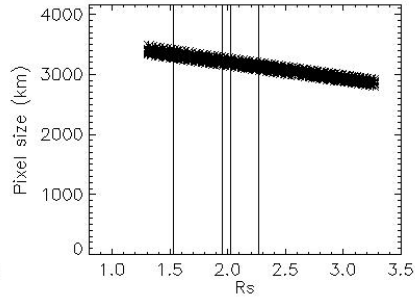
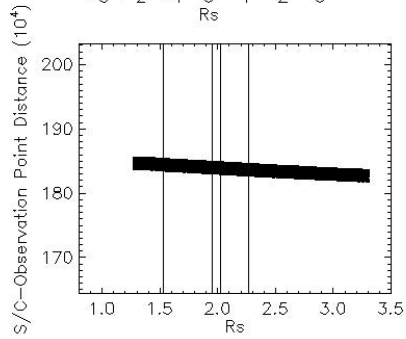


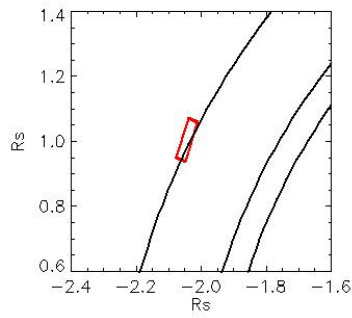
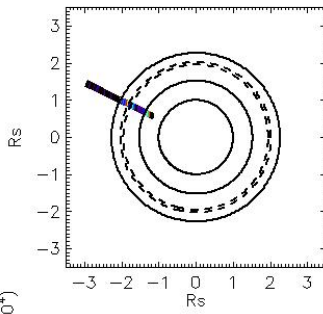
Observation Name:
UVIS_168RLFM0VIE001_JSS

Observation Date:
2012_177_06_33_32

Observation Duration:
480 S

Integration time = 80 S



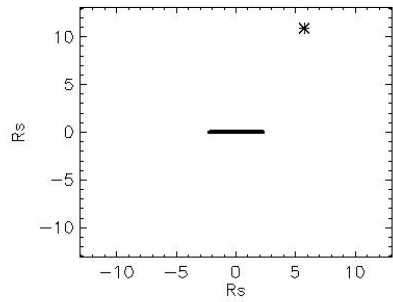
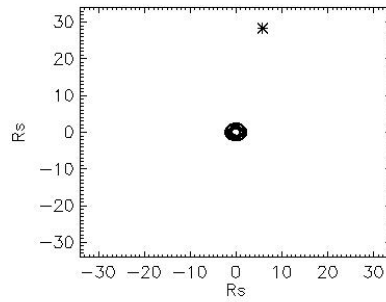
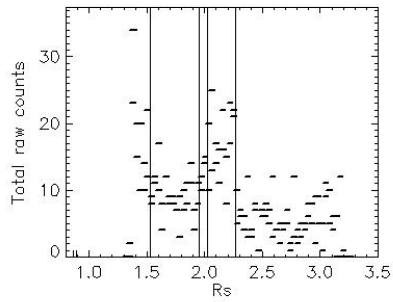
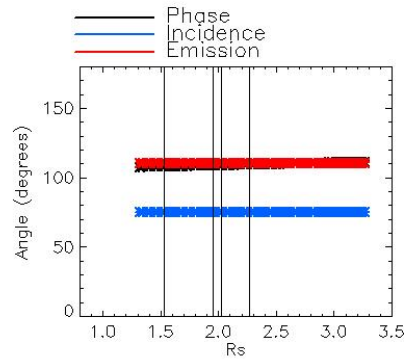
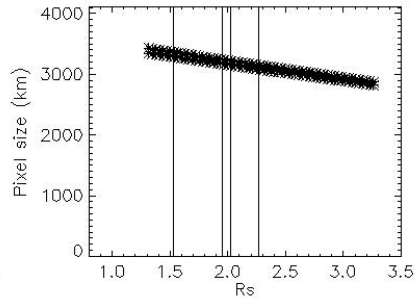
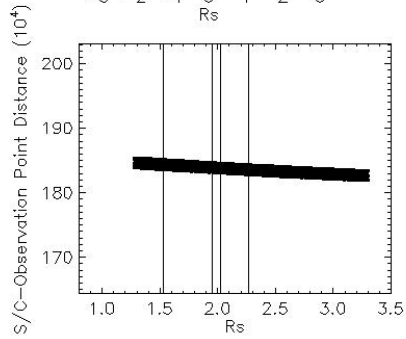


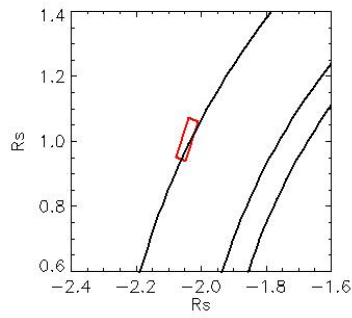
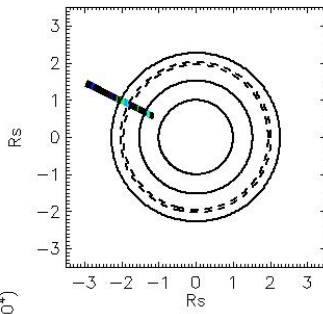
Observation Name:
UVIS_168RLFM0VIE001_JSS

Observation Date:
2012_177_06_40_12

Observation Duration:
160 S

Integration time = 80 S



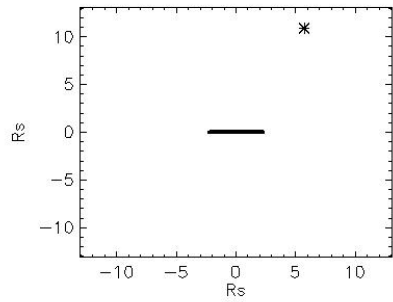
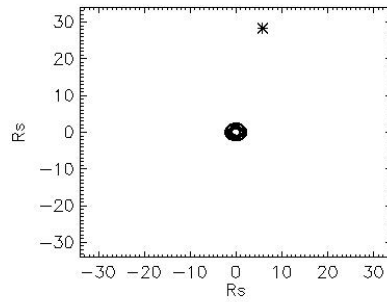
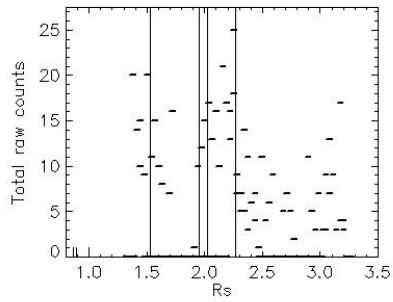
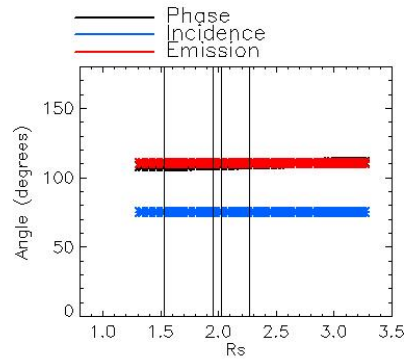
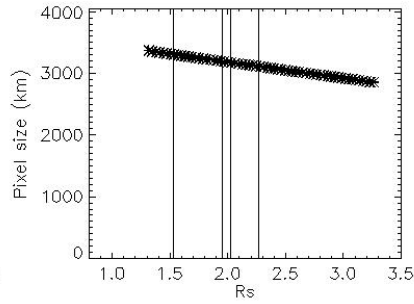
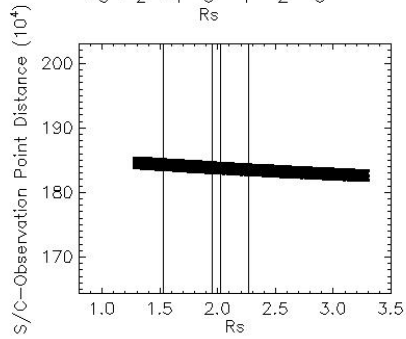


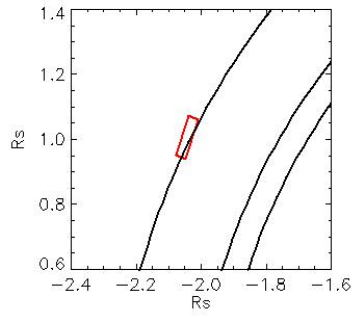
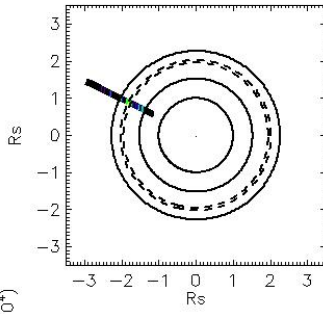
Observation Name:
UWS_168RLFM0VIE001_JSS

Observation Date:
2012_177_06_42_52

Observation Duration:
160 S

Integration time = 80 S



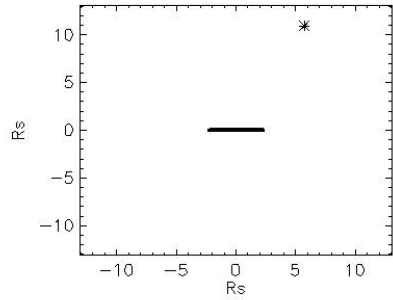
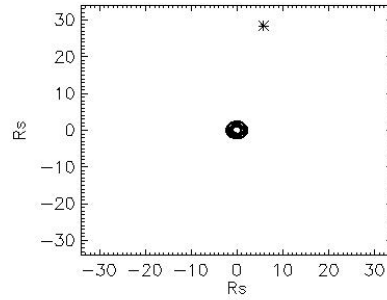
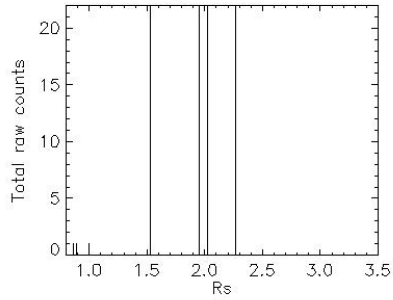
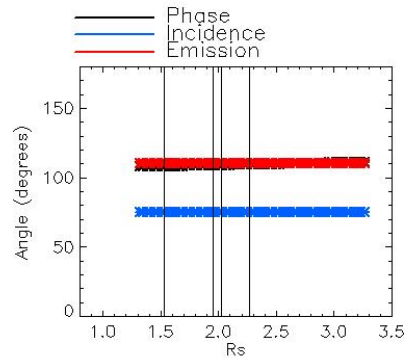
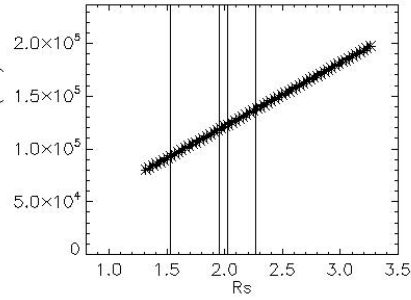
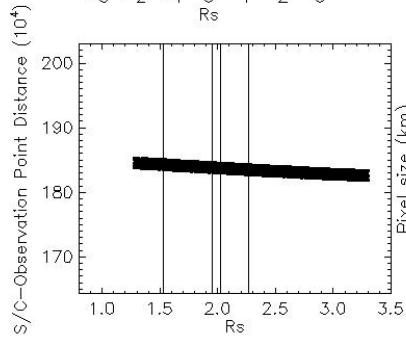


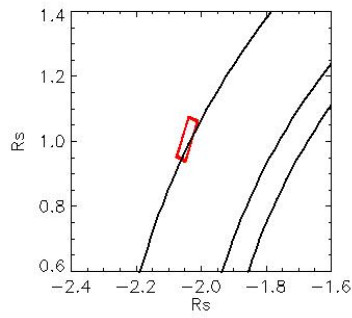
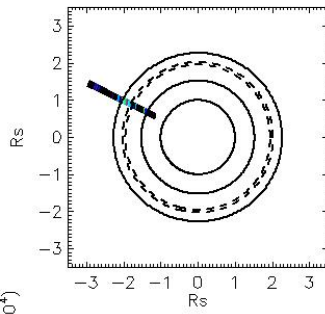
Observation Name:
UWS_168RLFM0VIE001_JSS

Observation Date:
2012_177_06_45_32

Observation Duration:
80 S

Integration time = 80 S



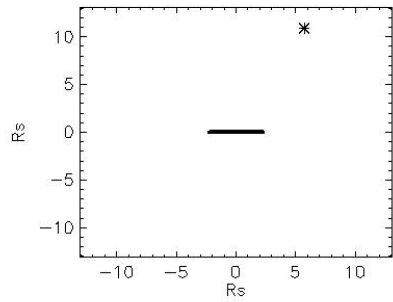
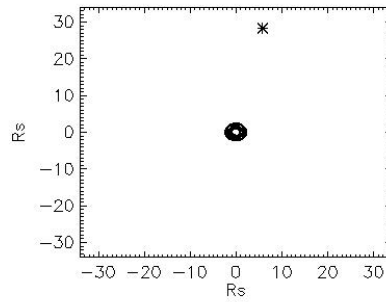
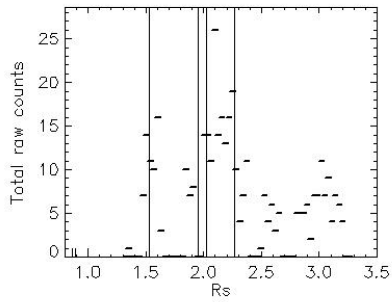
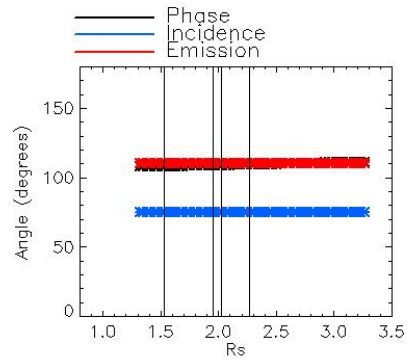
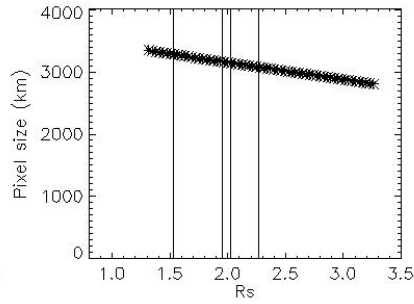
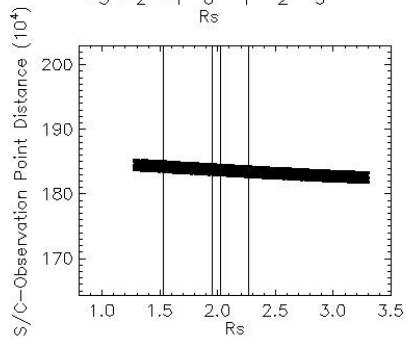


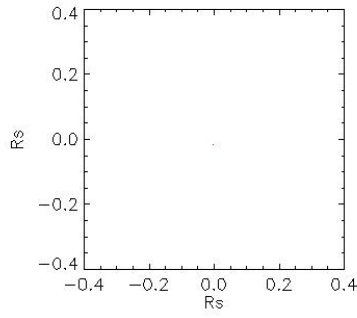
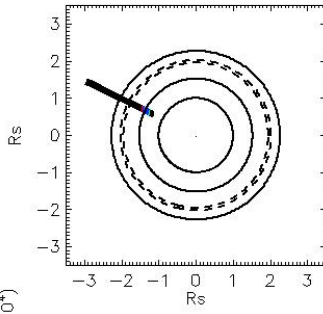
Observation Name:
UVIS_168RLFM0VIE001_JSS

Observation Date:
2012_177_06_48_12

Observation Duration:
160 S

Integration time = 80 S



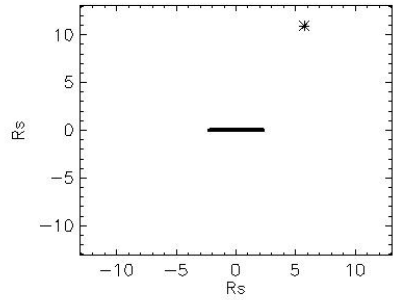
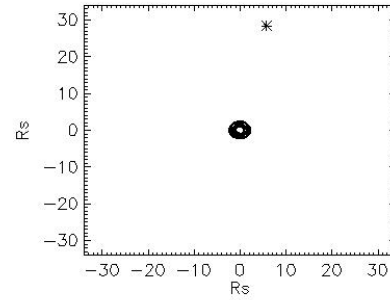
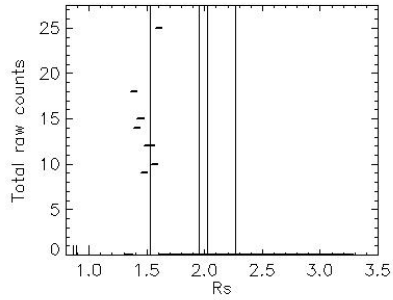
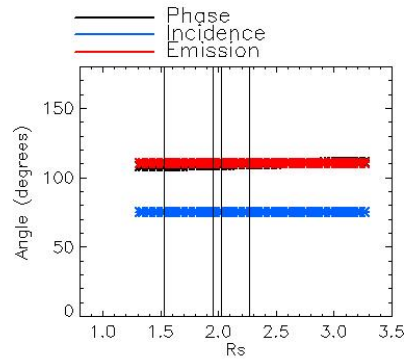
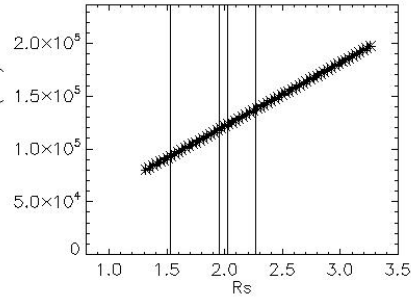
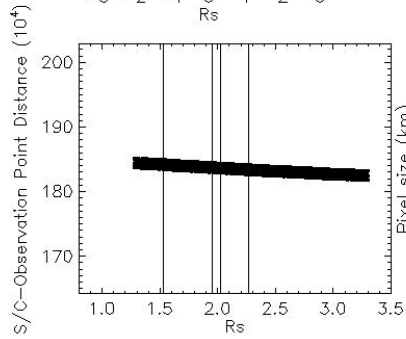


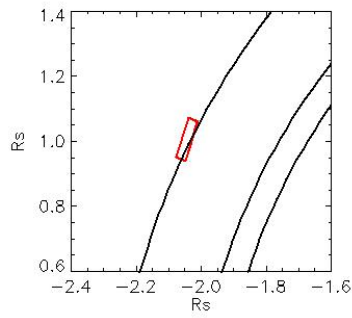
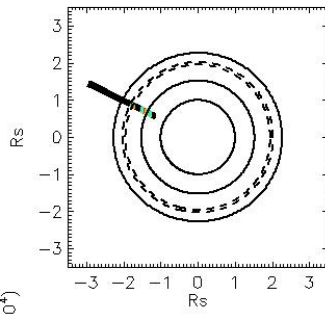
Observation Name:
UVS_168RLFM0VIE001_JSS

Observation Date:
2012_177_06_50_52

Observation Duration:
80 S

Integration time = 80 S



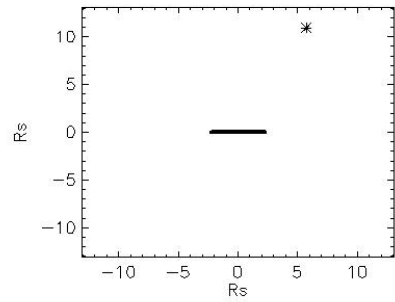
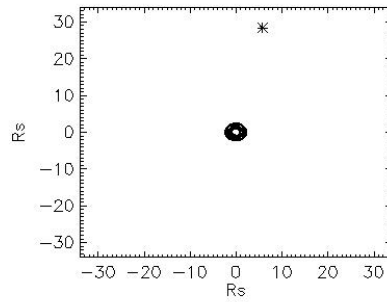
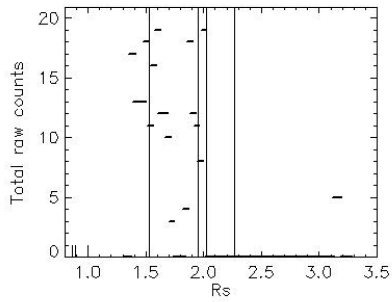
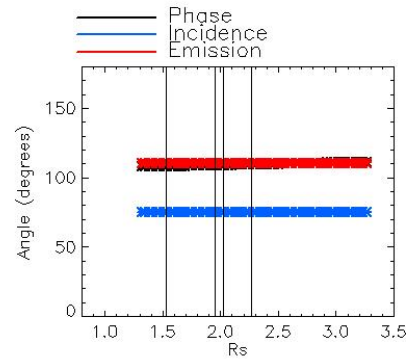
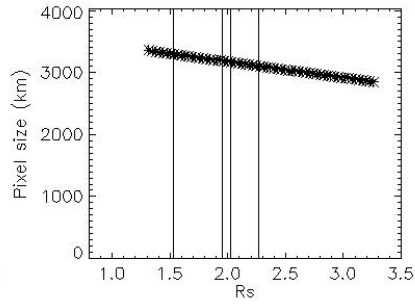
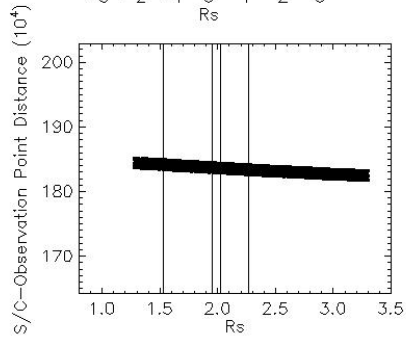


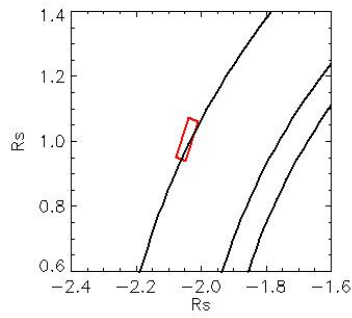
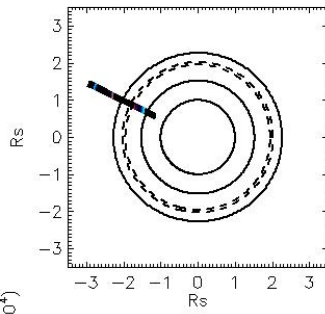
Observation Name:
UVIS_168RLFM0VIE001_JSS

Observation Date:
2012_177_06_52_12

Observation Duration:
80 S

Integration time = 80 S



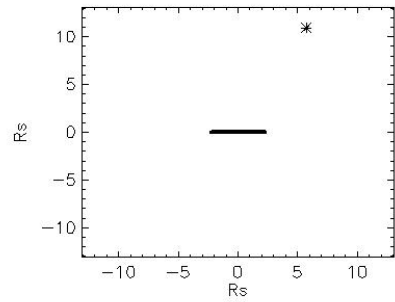
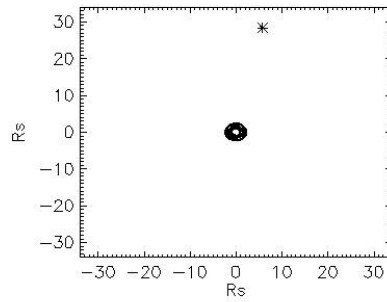
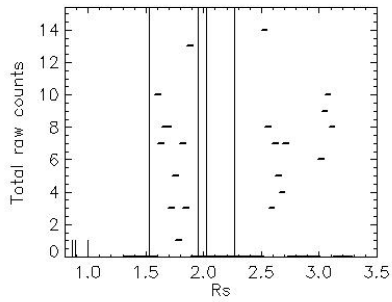
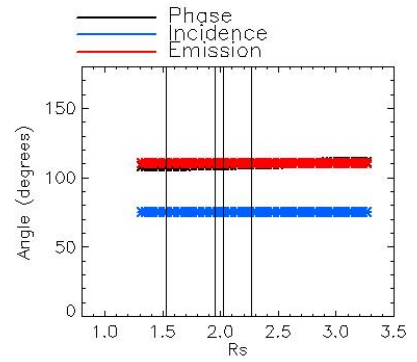
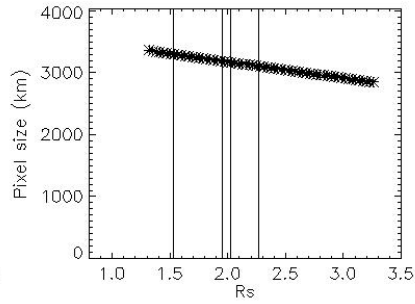
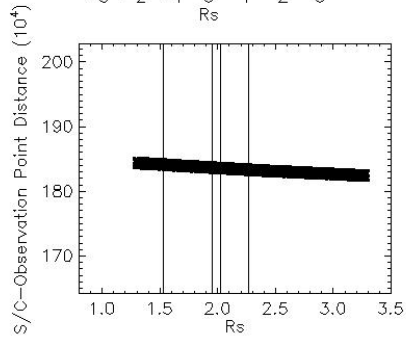


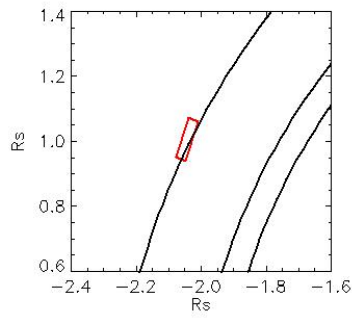
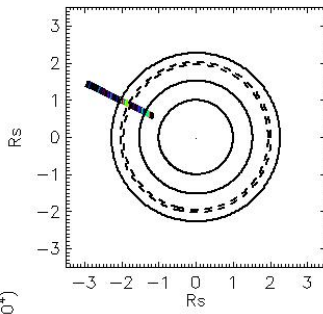
Observation Name:
UWS_168RLFM0VIE001_JSS

Observation Date:
2012_177_06_53_32

Observation Duration:
80 S

Integration time = 80 S



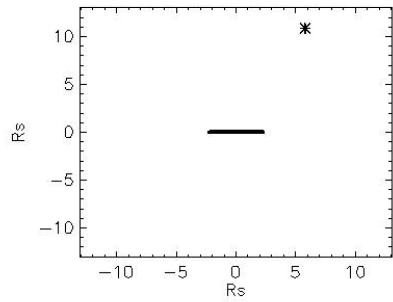
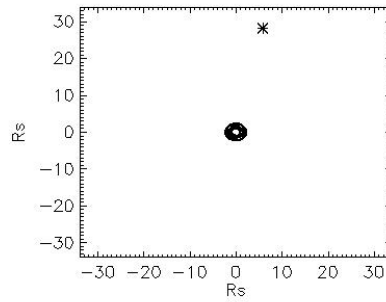
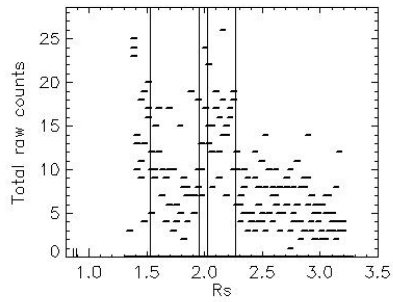
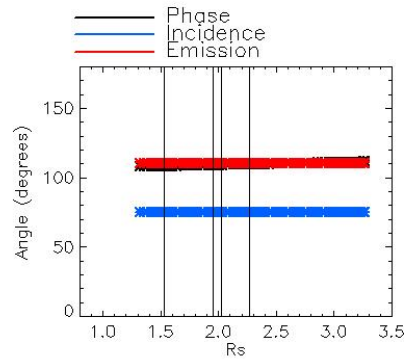
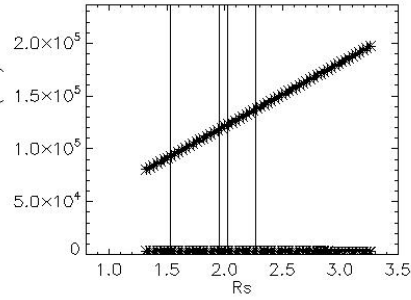
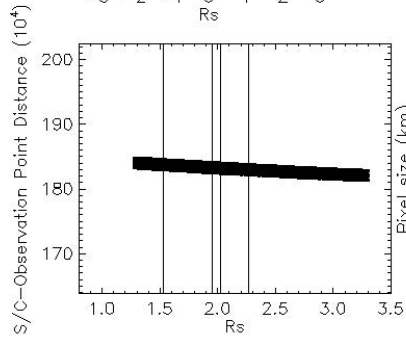


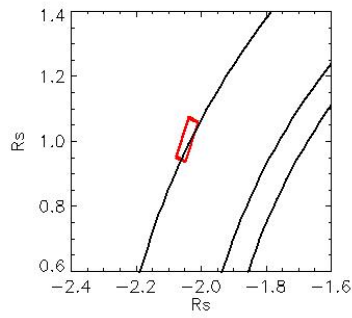
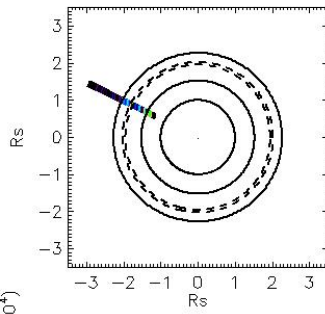
Observation Name:
UVIS_168RLFM0VIE001_JSS

Observation Date:
2012_177_07_10_52

Observation Duration:
400 S

Integration time = 80 S



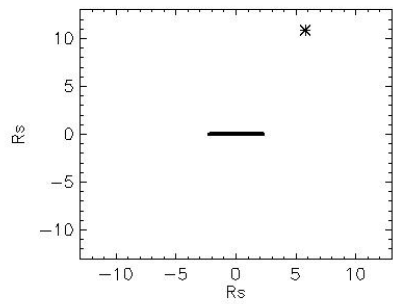
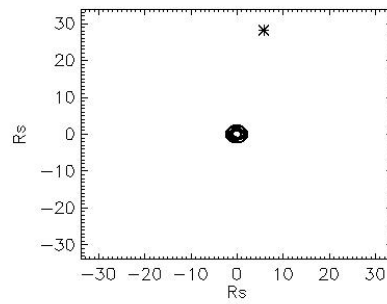
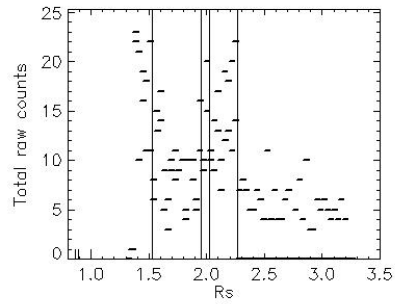
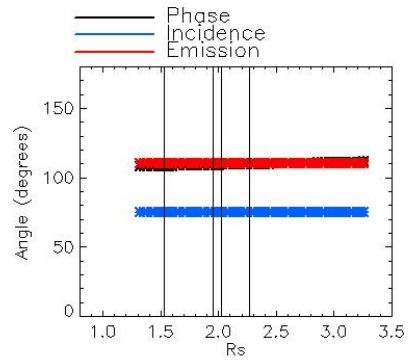
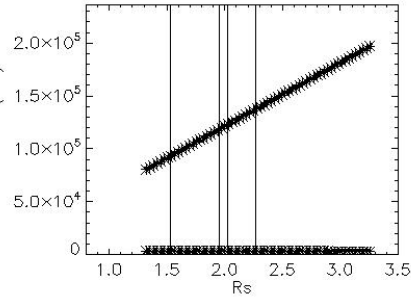
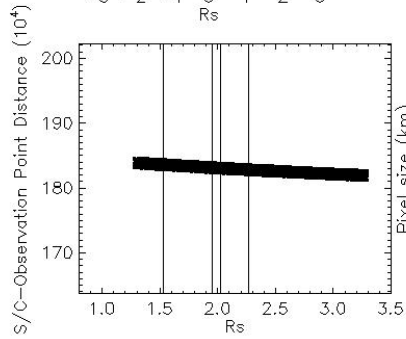


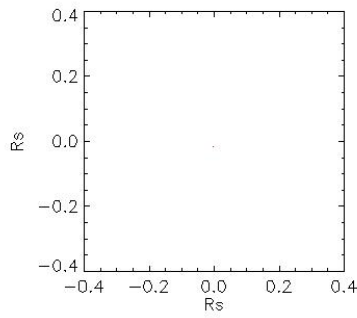
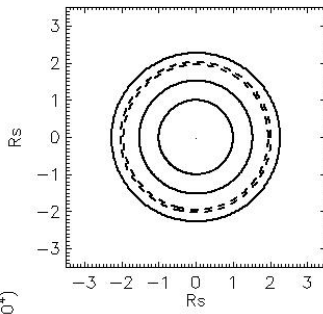
Observation Name:
UVIS_168RLFM0VIE001_JSS

Observation Date:
2012_177_07_20_12

Observation Duration:
240 S

Integration time = 80 S



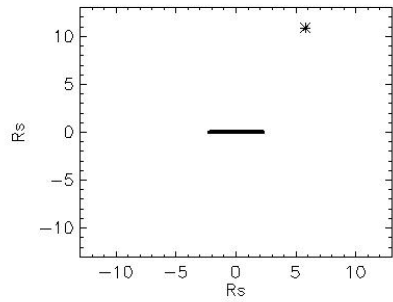
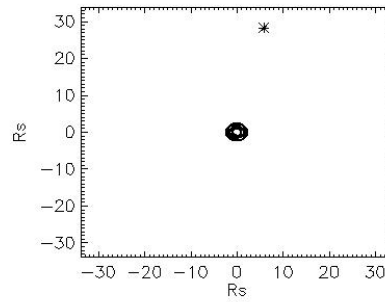
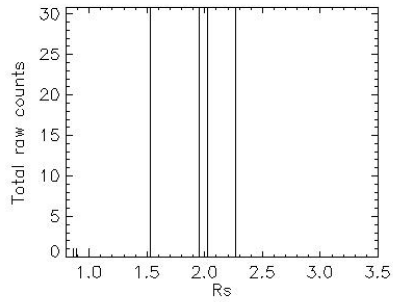
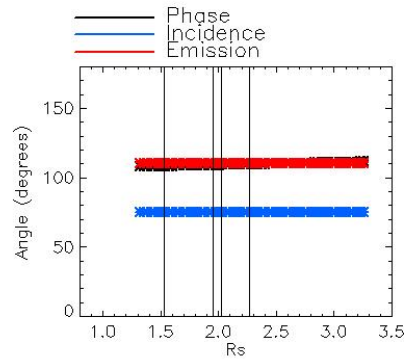
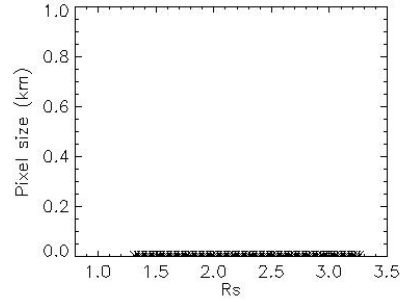
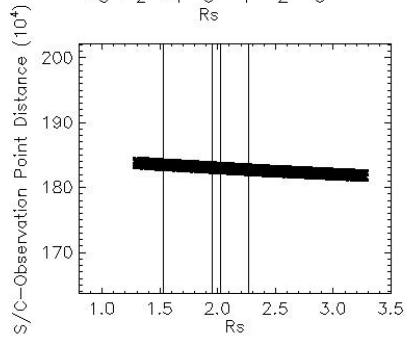


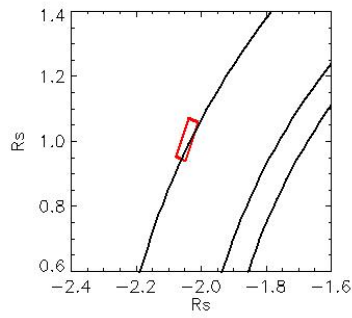
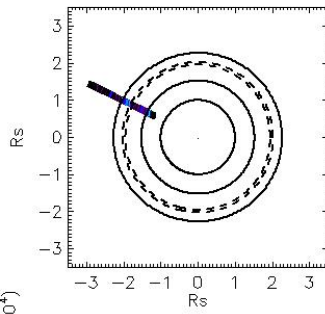
Observation Name:
UVS_168RLFM0VIE001_JSS

Observation Date:
2012_177_07_25_32

Observation Duration:
80 S

Integration time = 80 S



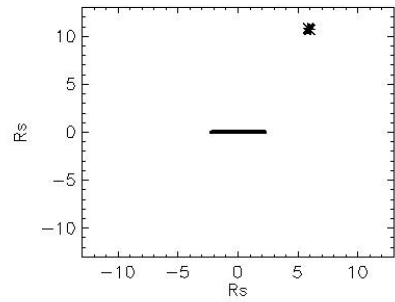
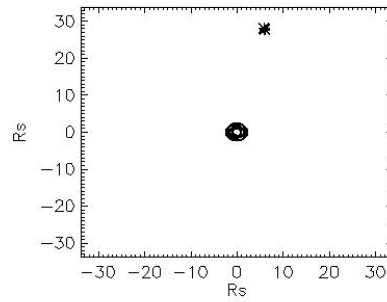
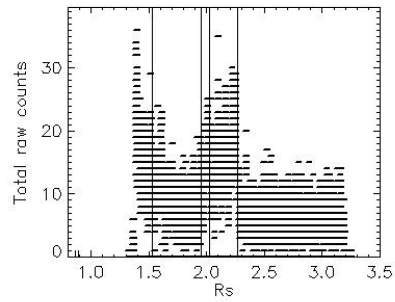
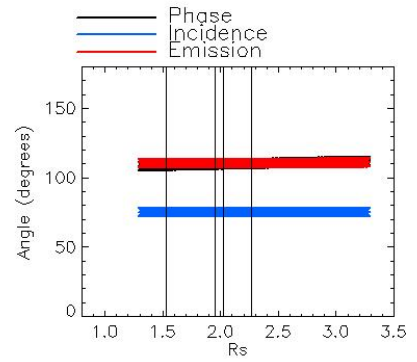
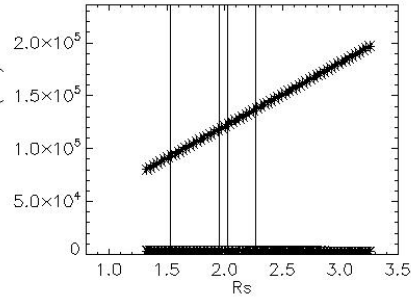
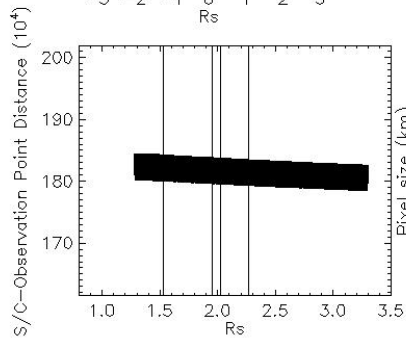


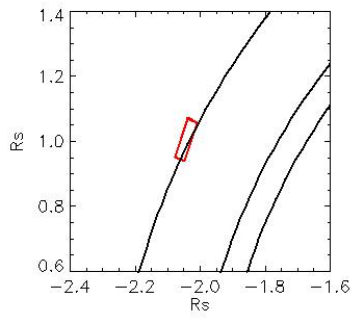
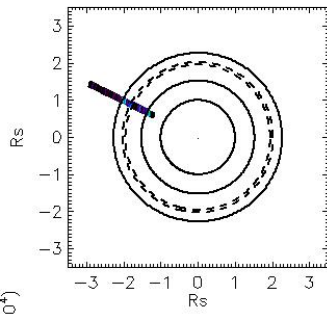
Observation Name:
UVIS_168RLFM0VIE001_JSS

Observation Date:
2012_177_07_36_12

Observation Duration:
7280 S

Integration time = 80 S



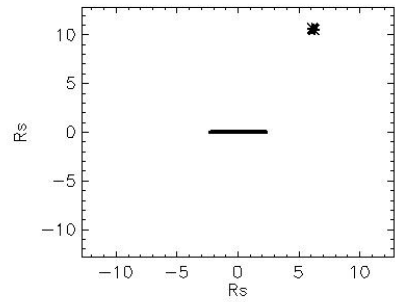
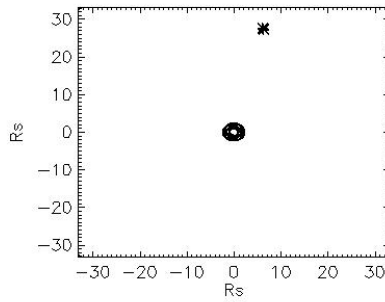
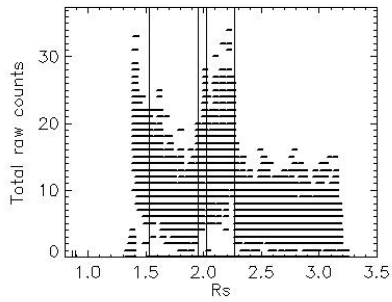
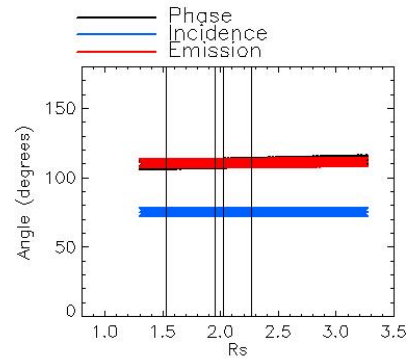
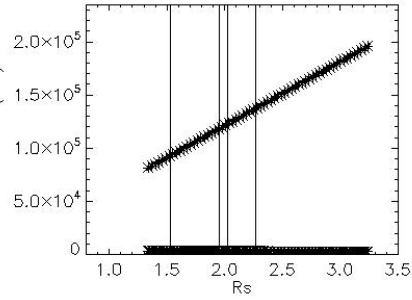
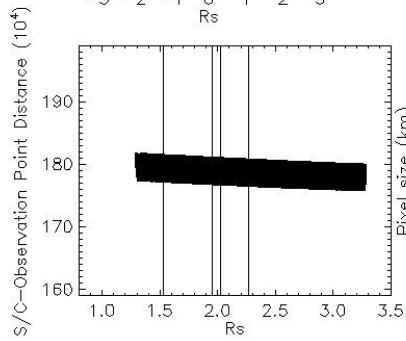


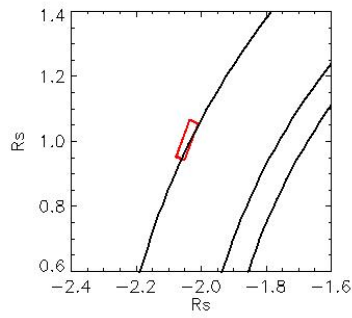
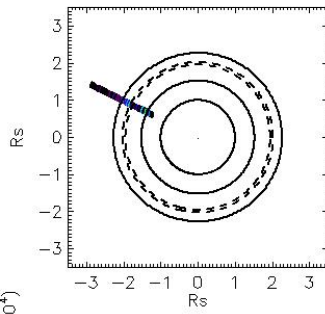
Observation Name:
UVIS_168RLFM0VIE001_JSS

Observation Date:
2012_177_09_53_32

Observation Duration:
7840 S

Integration time = 80 S



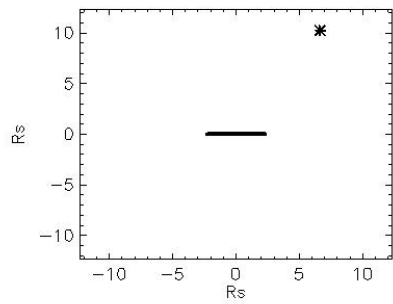
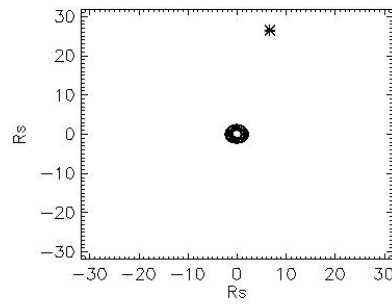
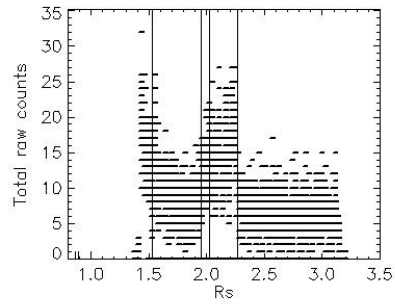
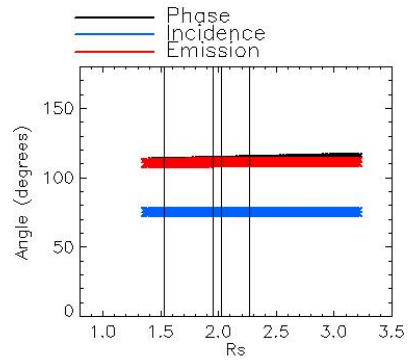
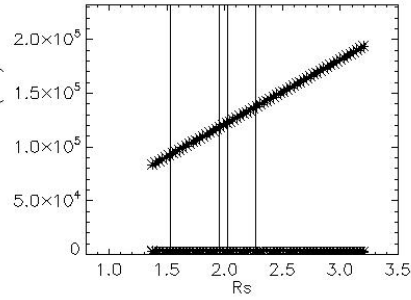
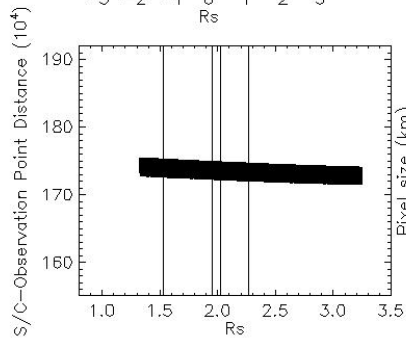


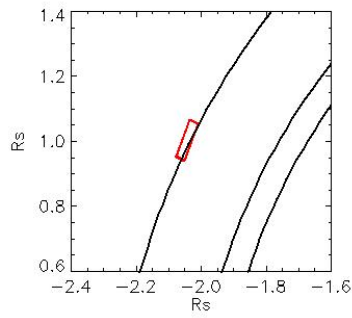
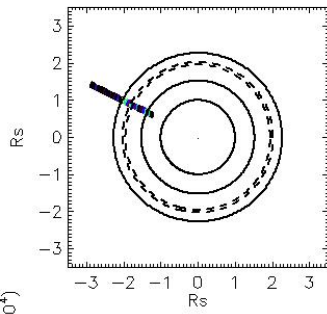
Observation Name:
UVIS_168RLFM0VIE001_JSS

Observation Date:
2012_177_15_04_12

Observation Duration:
2800 S

Integration time = 80 S



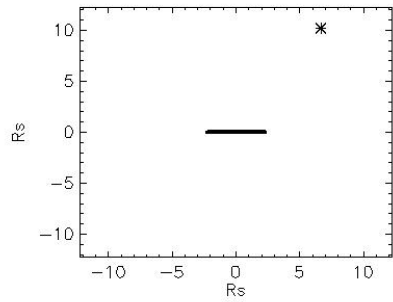
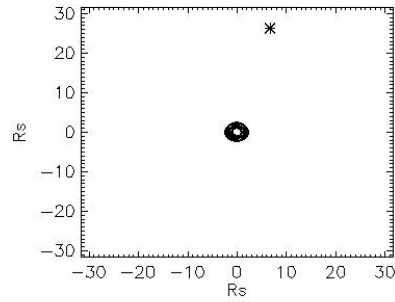
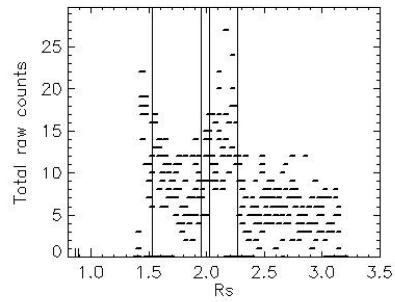
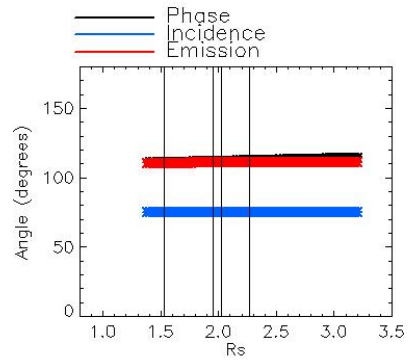
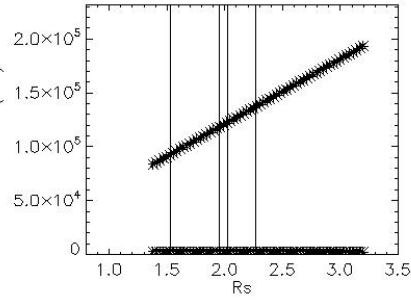
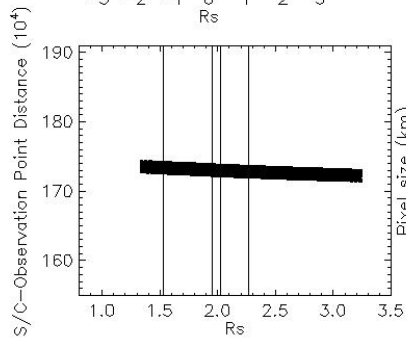


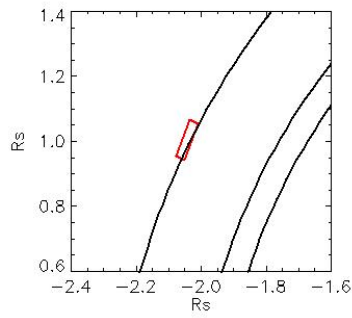
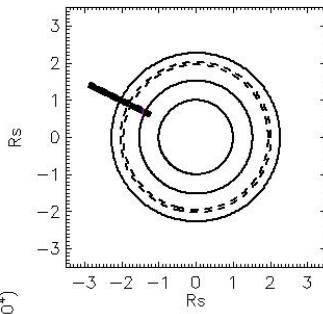
Observation Name:
UVIS_168RLFM0VIE001_JSS

Observation Date:
2012_177_15_50_52

Observation Duration:
480 S

Integration time = 80 S





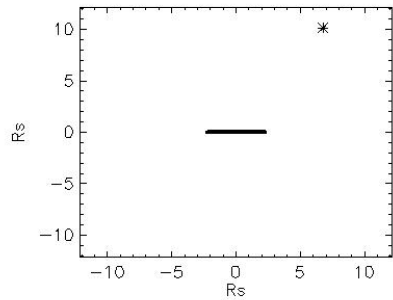
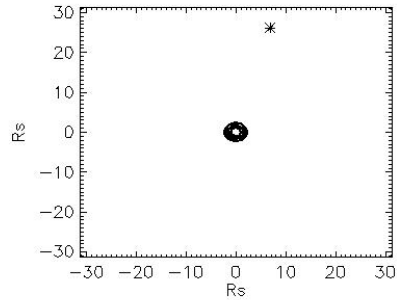
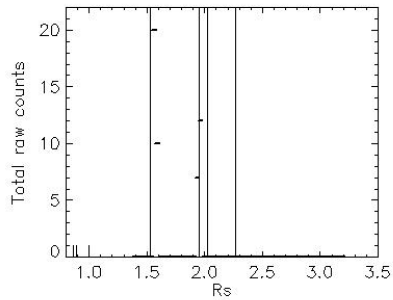
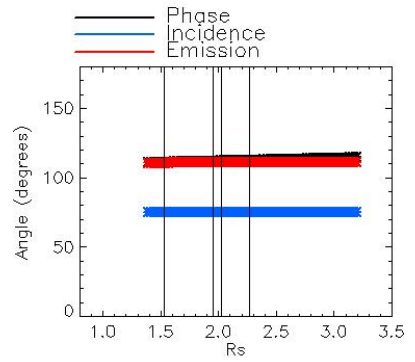
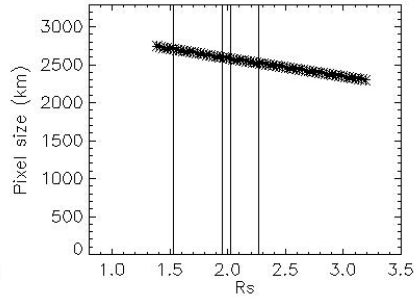
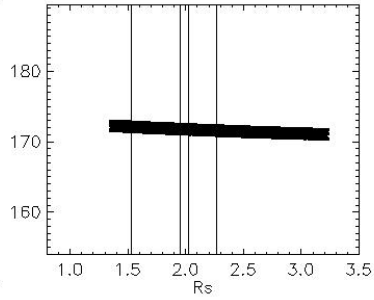
Observation Name:
UVIS_168RLFM0VIE001_JSS

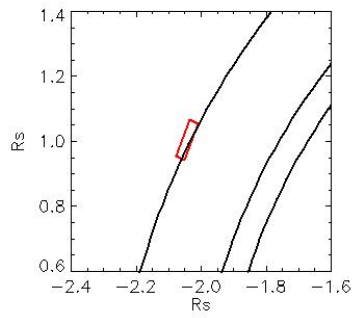
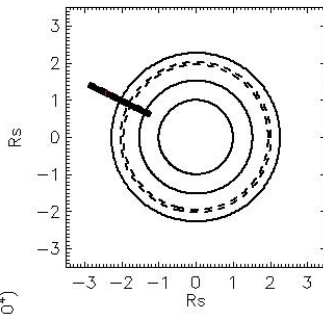
Observation Date:
2012_177_16_54_52

Observation Duration:
80 S

Integration time = 80 S

S/C—Observation Point Distance (10^4)





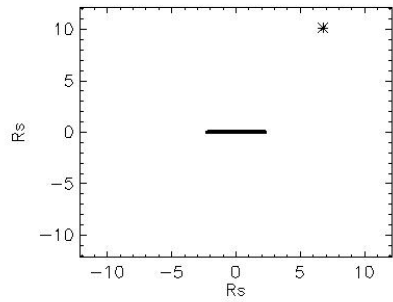
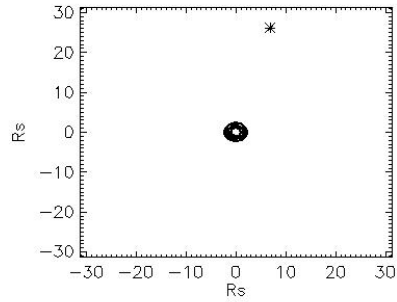
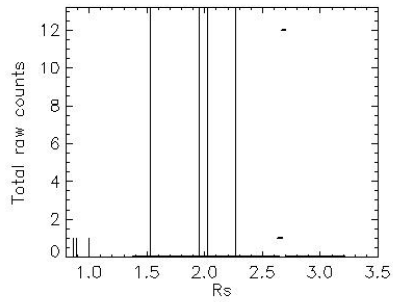
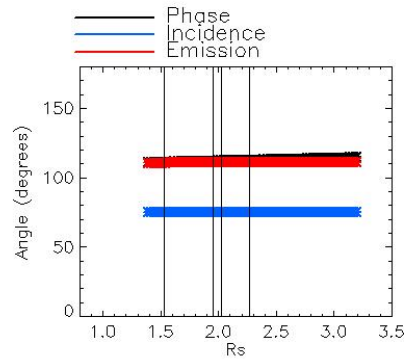
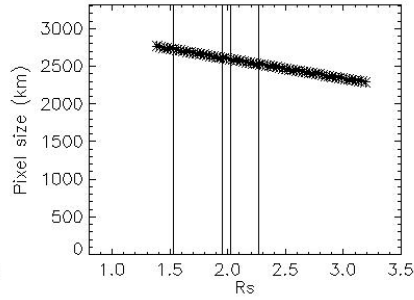
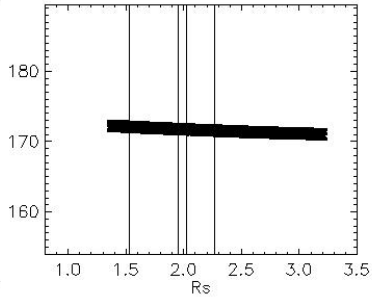
Observation Name:
UVIS_168RLFM0VIE001_JSS

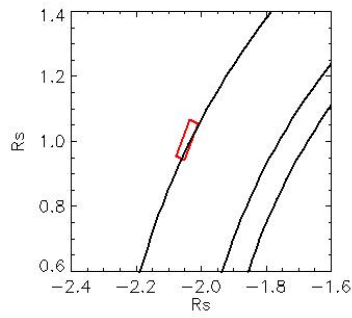
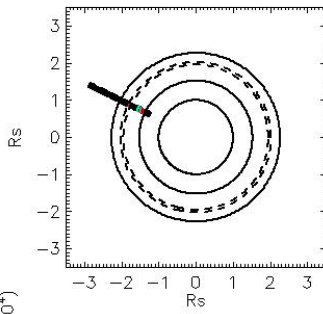
Observation Date:
2012_177_16_56_12

Observation Duration:
80 S

Integration time = 80 S

S/C—Observation Point Distance (10^4)





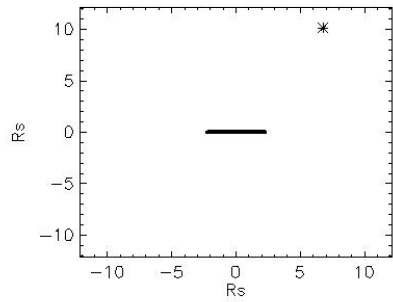
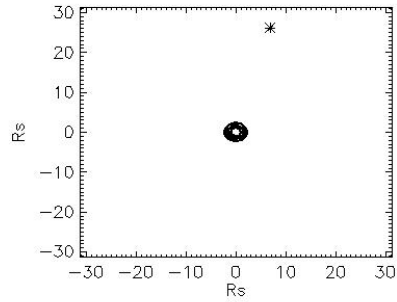
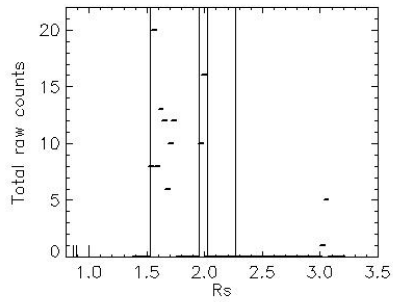
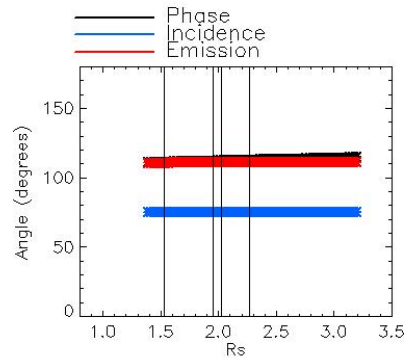
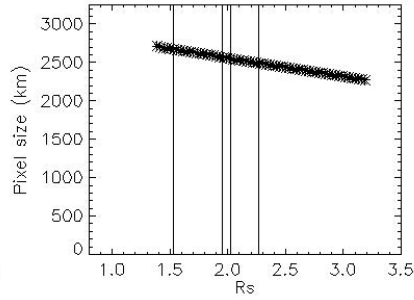
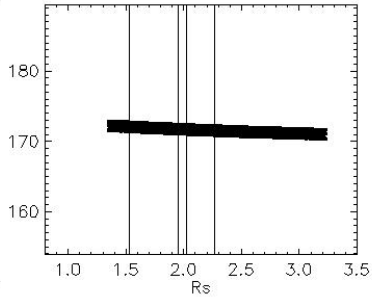
Observation Name:
UVIS_168RLFM0VIE001_JSS

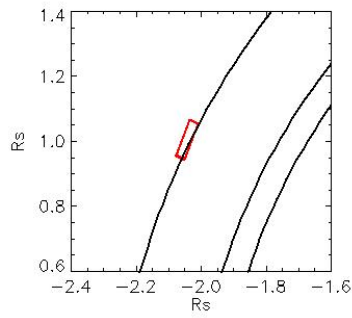
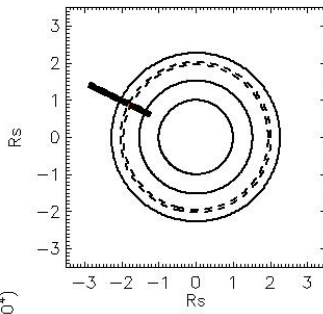
Observation Date:
2012_177_16_57_32

Observation Duration:
80 S

Integration time = 80 S

S/C—Observation Point Distance (10^4)





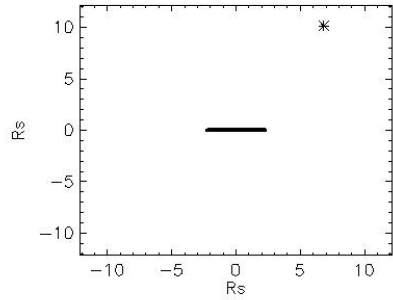
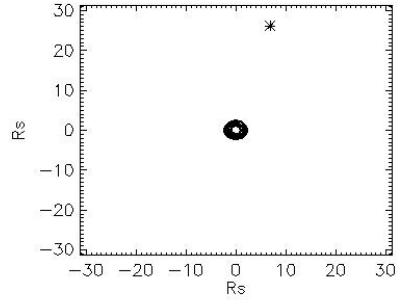
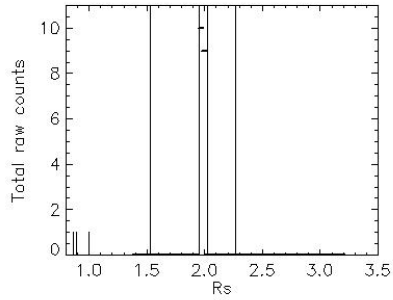
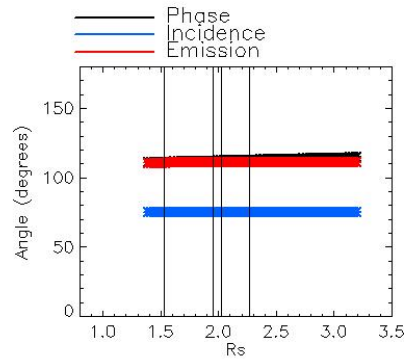
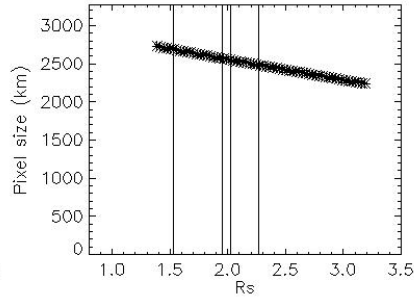
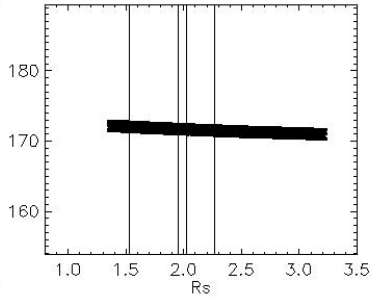
Observation Name:
UVIS_168RLFM0VIE001_JSS

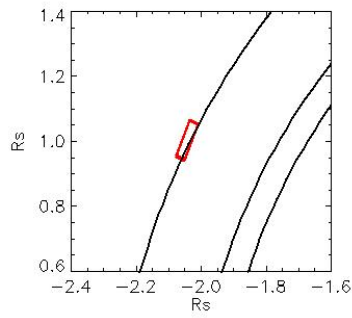
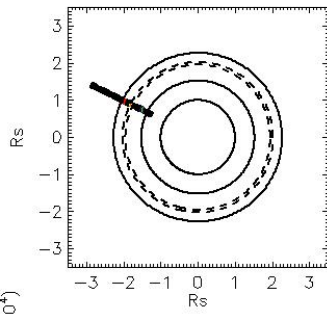
Observation Date:
2012_177_16_58_52

Observation Duration:
80 S

Integration time = 80 S

S/C—Observation Point Distance (10^4)





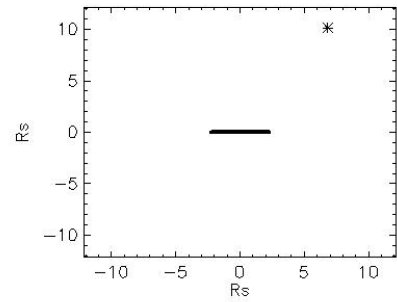
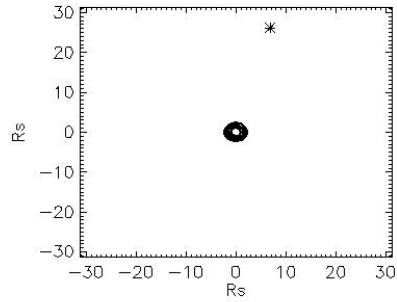
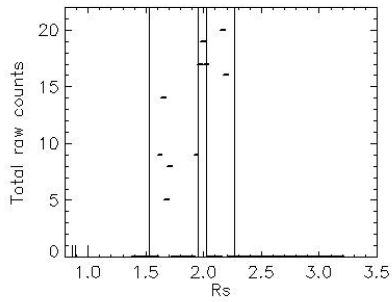
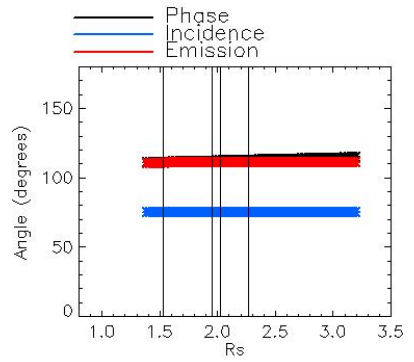
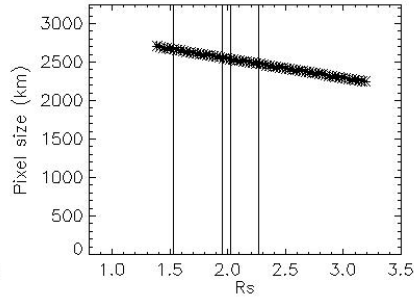
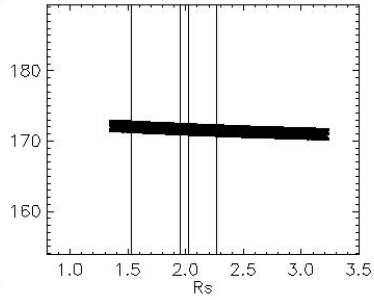
Observation Name:
UVIS_168RLFM0VIE001_JSS

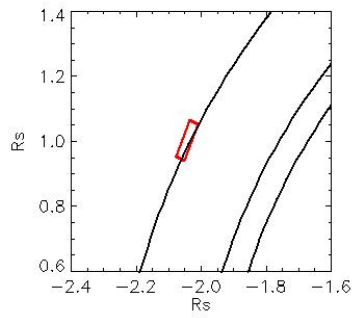
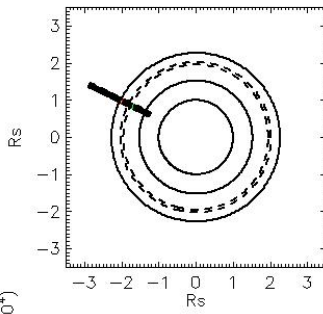
Observation Date:
2012_177_17_00_12

Observation Duration:
80 S

Integration time = 80 S

S/C—Observation Point Distance (10^4)





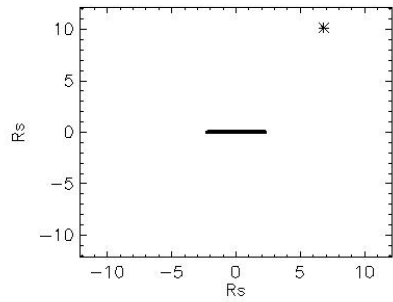
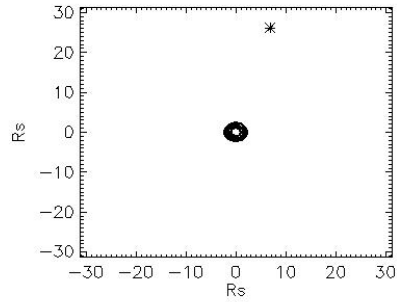
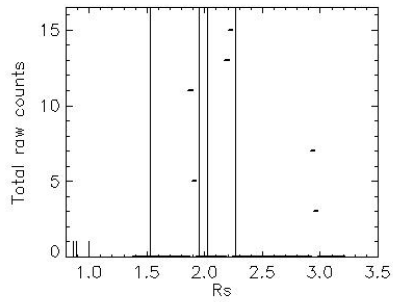
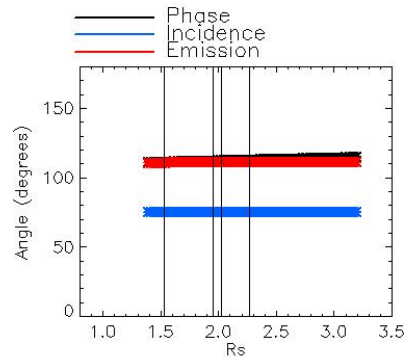
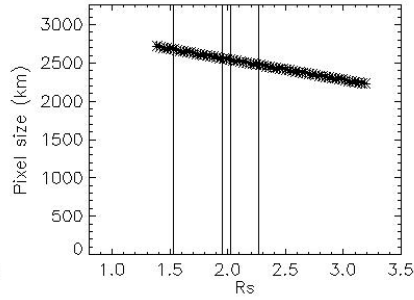
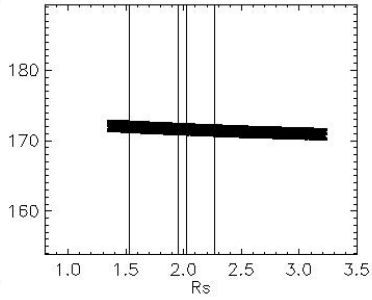
Observation Name:
UVIS_168RLFM0VIE001_JSS

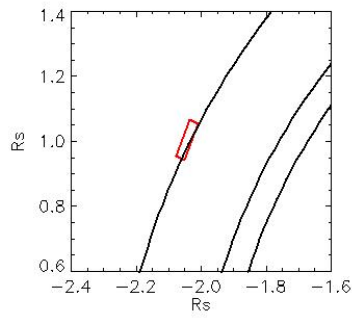
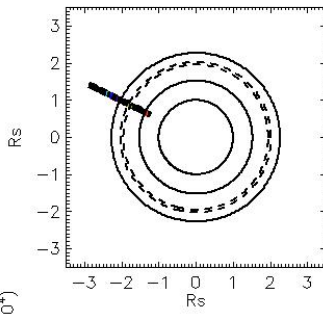
Observation Date:
2012_177_17_01_32

Observation Duration:
80 S

Integration time = 80 S

S/C—Observation Point Distance (10^4)



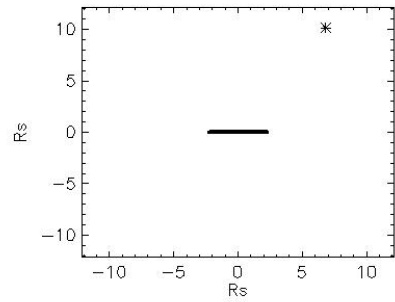
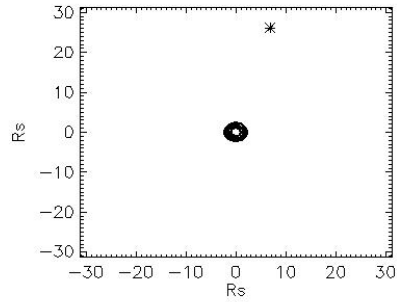
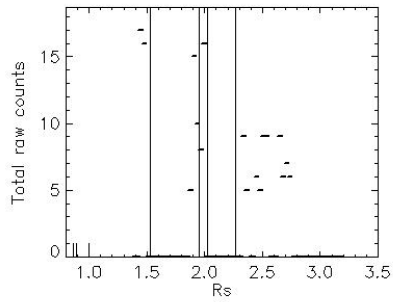
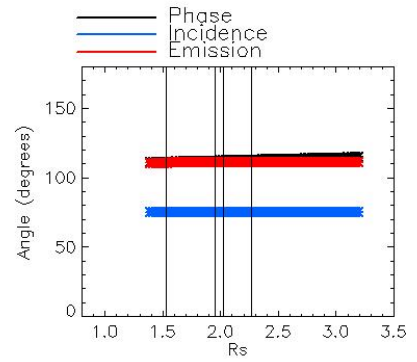
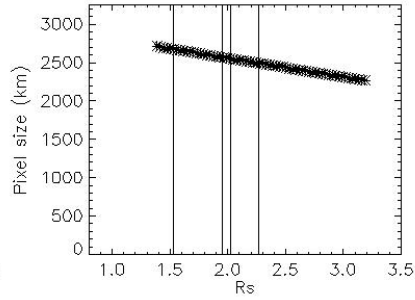
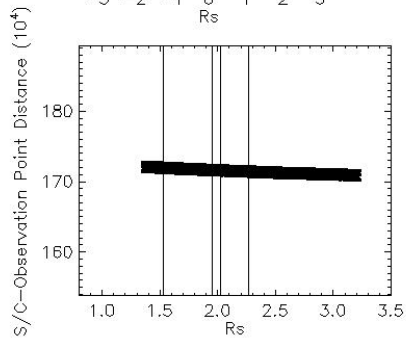


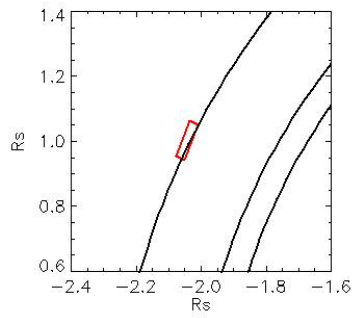
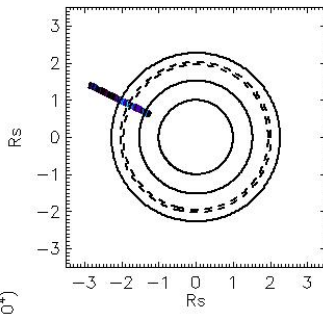
Observation Name:
UVIS_168RLFM0VIE001_JSS

Observation Date:
2012_177_17_02_52

Observation Duration:
80 S

Integration time = 80 S



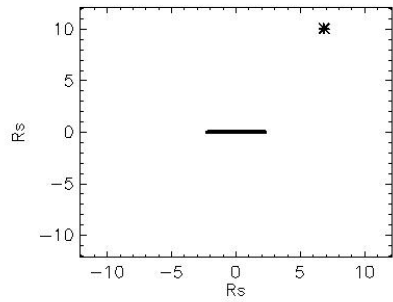
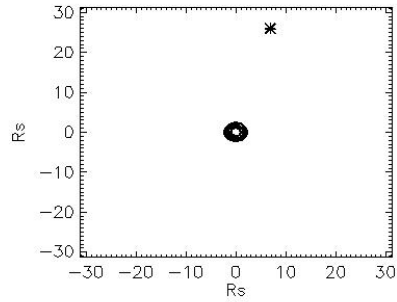
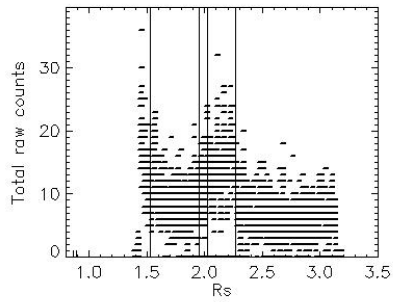
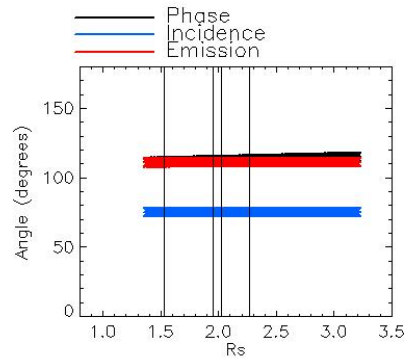
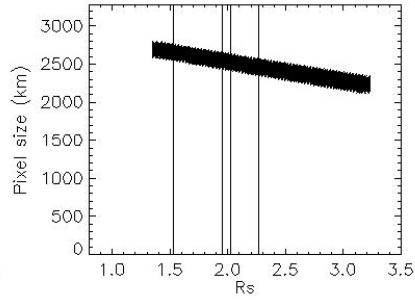
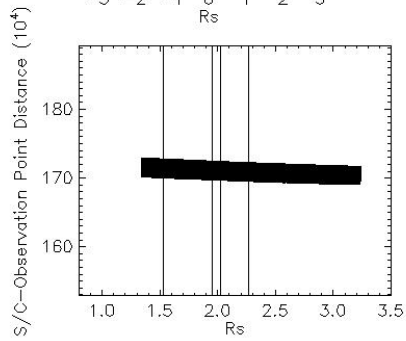


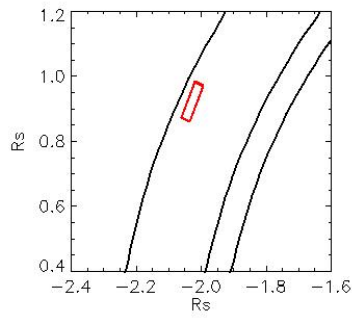
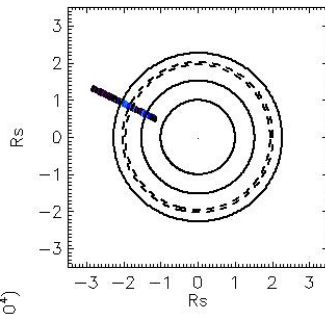
Observation Name:
UVIS_168RLFM0VIE001_JSS

Observation Date:
2012_177_17_04_12

Observation Duration:
3200 S

Integration time = 80 S



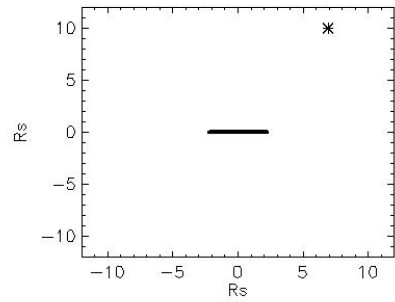
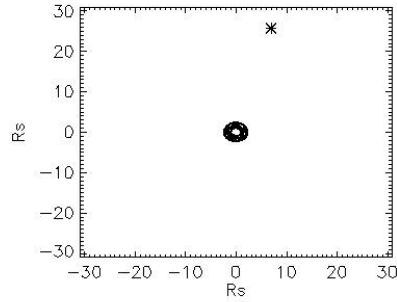
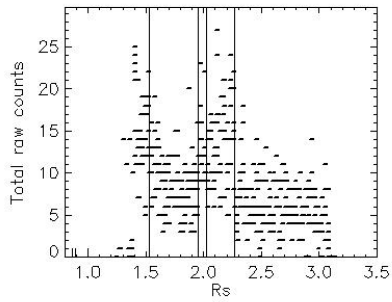
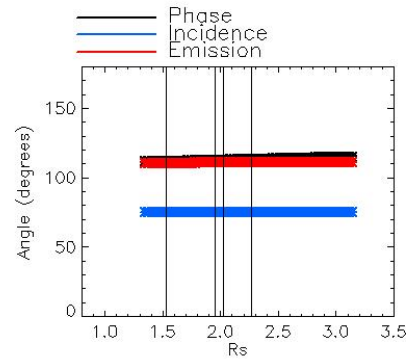
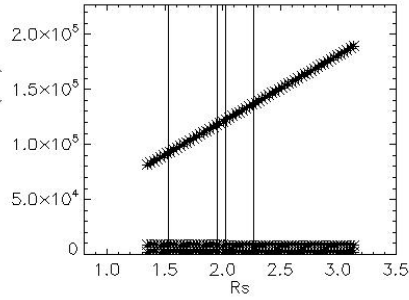
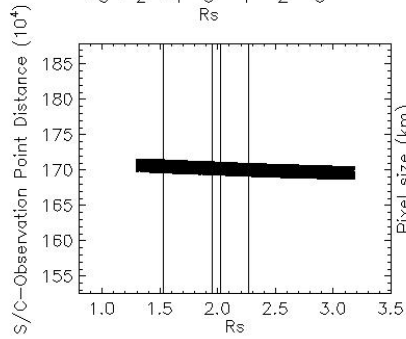


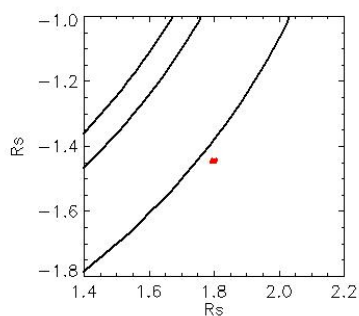
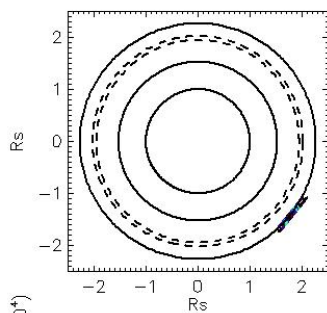
Observation Name:
UVIS_168RLFM0VIE001_JSS

Observation Date:
2012_177_18_22_57

Observation Duration:
720 S

Integration time = 80 S



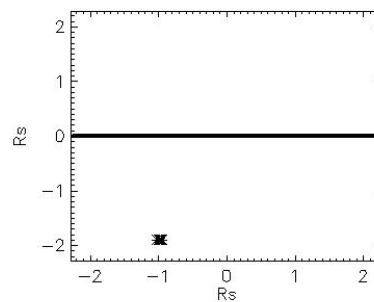
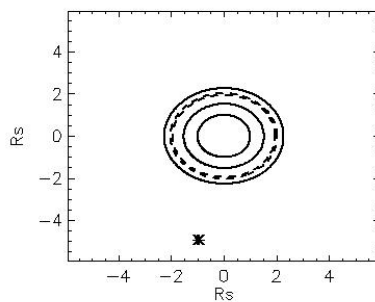
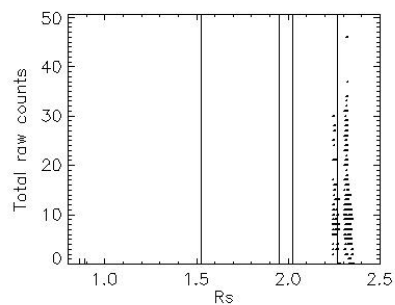
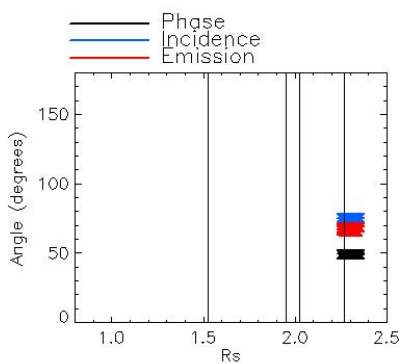
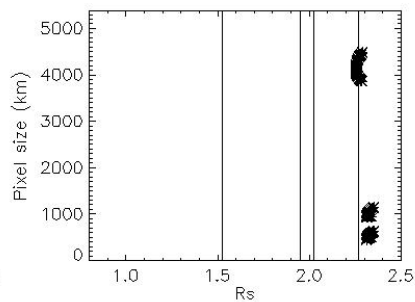
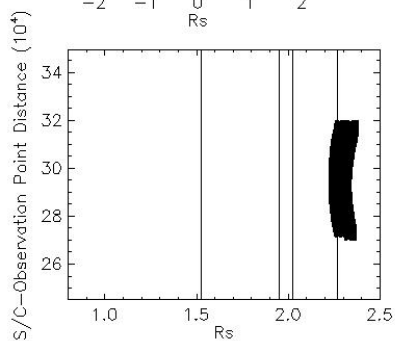


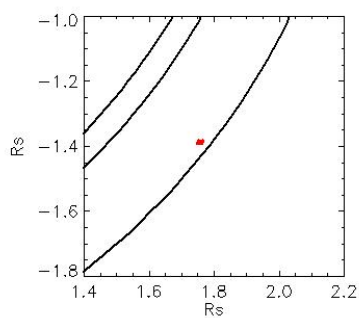
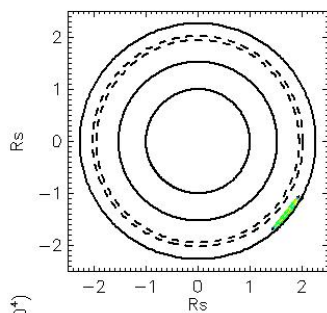
Observation Name:
UVIS_168RLCOMPLIT001_VIMS

Observation Date:
2012_181_03_27_38

Observation Duration:
400 S

Integration time = 80 S



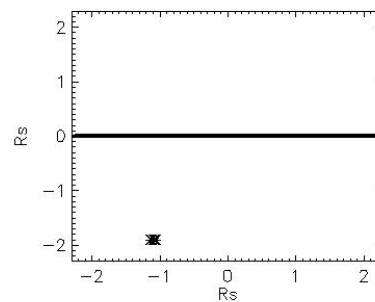
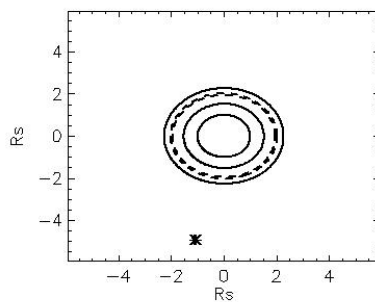
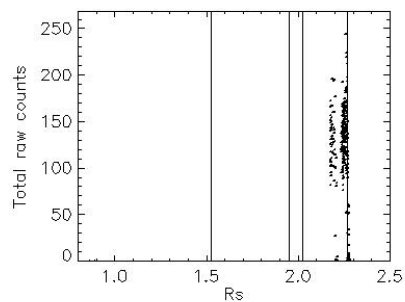
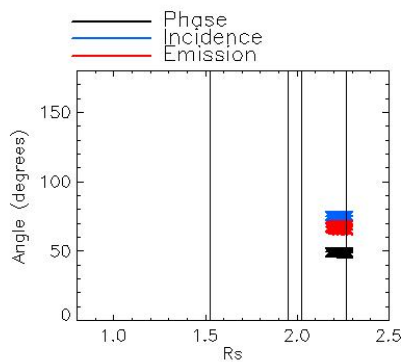
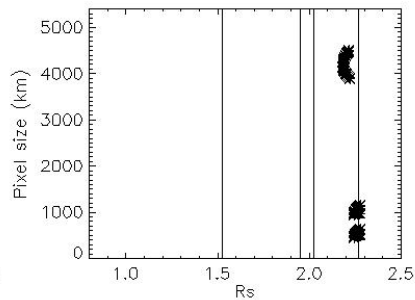
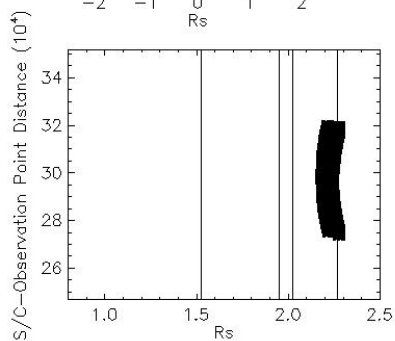


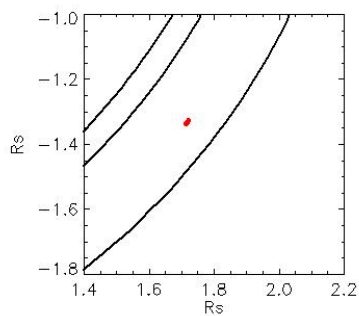
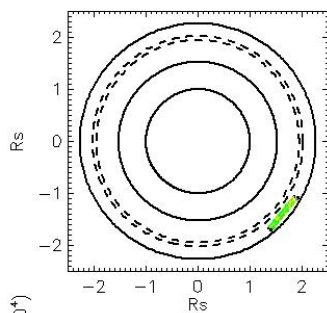
Observation Name:
UVIS_168RLCOMPLIT001_VIMS

Observation Date:
2012_181_03_35_41

Observation Duration:
400 S

Integration time = 80 S



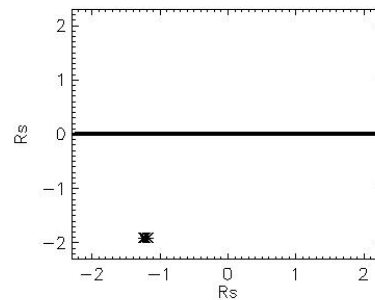
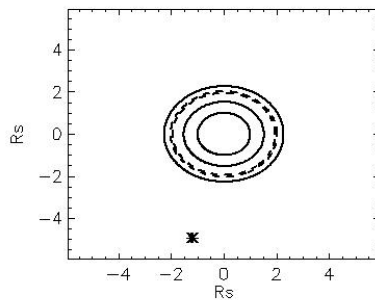
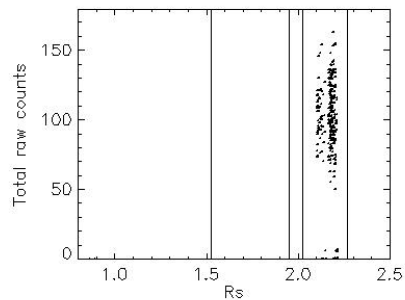
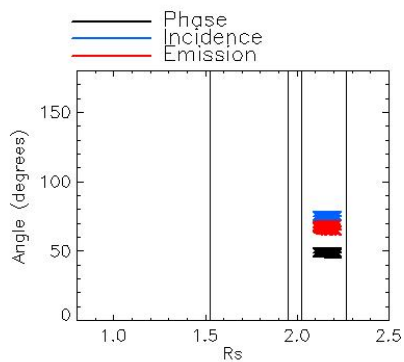
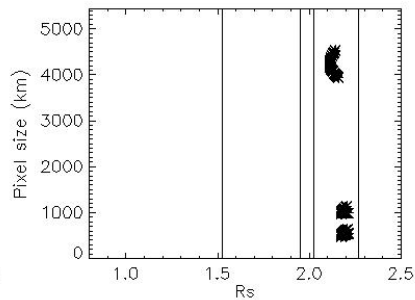
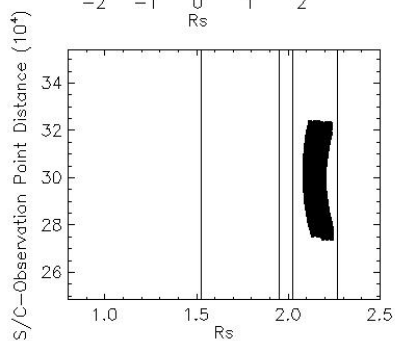


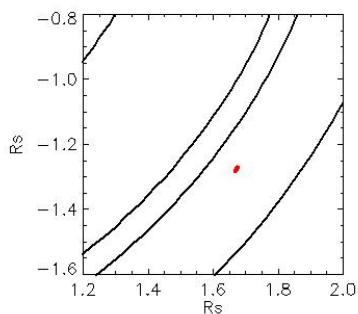
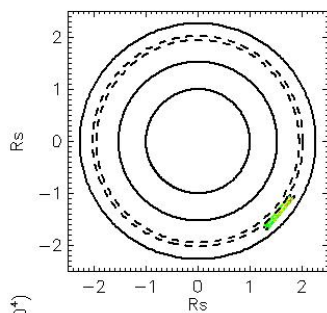
Observation Name:
UVIS_168RLCOMPLIT001_VIMS

Observation Date:
2012_181_03_43_44

Observation Duration:
400 S

Integration time = 80 S



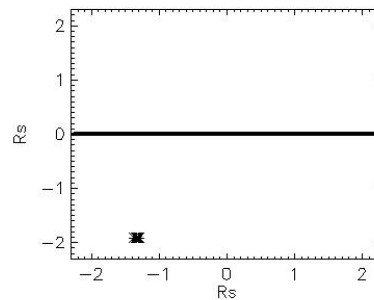
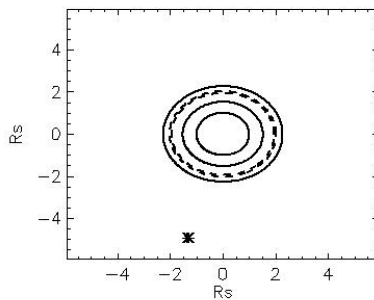
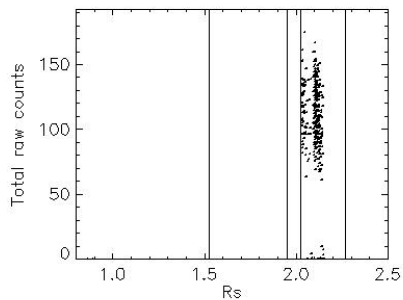
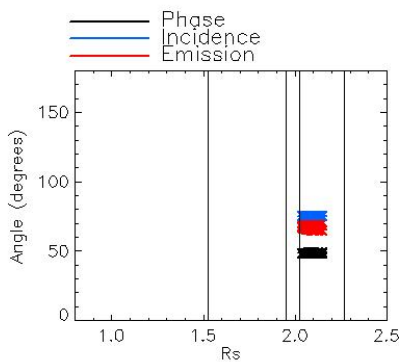
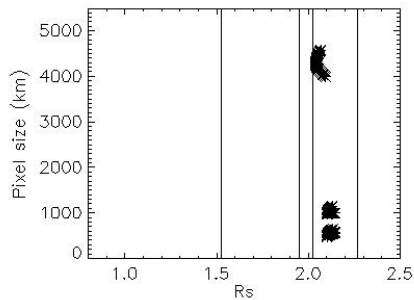
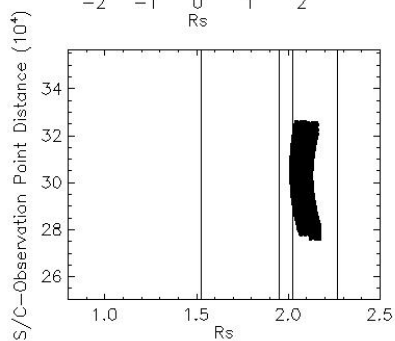


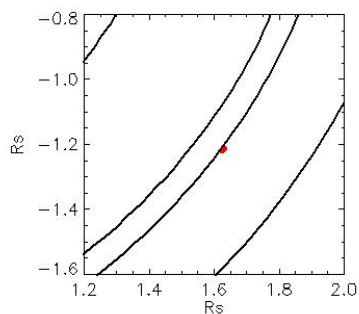
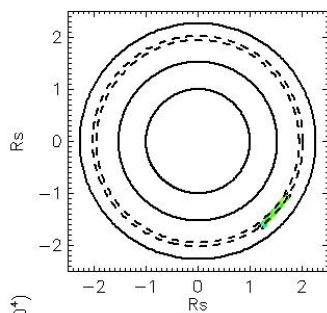
Observation Name:
UVIS_168RLCOMPLIT001_VIMS

Observation Date:
2012_181_03_51_47

Observation Duration:
400 S

Integration time = 80 S



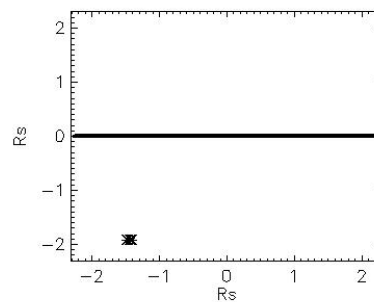
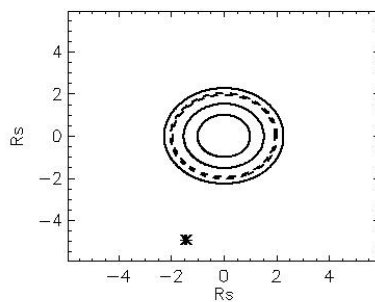
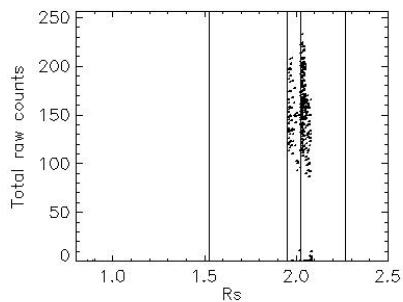
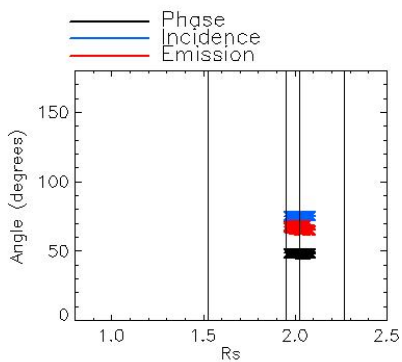
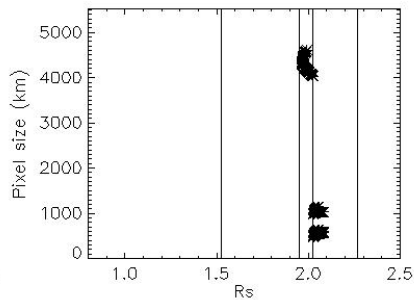
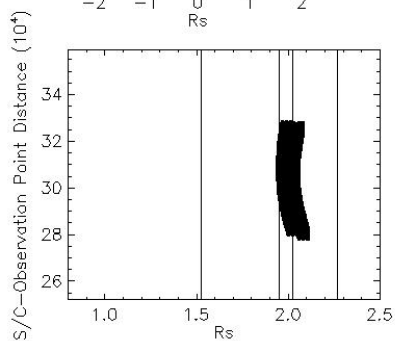


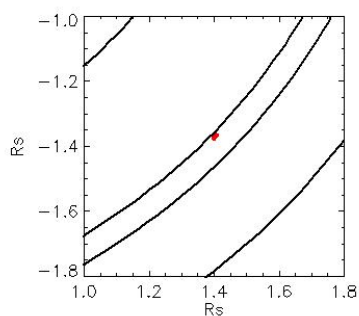
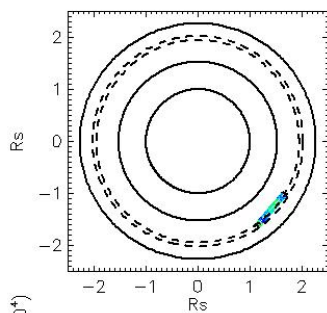
Observation Name:
UVS_168RLCOMPLIT001_VIMS

Observation Date:
2012_181_03_59_50

Observation Duration:
400 S

Integration time = 80 S



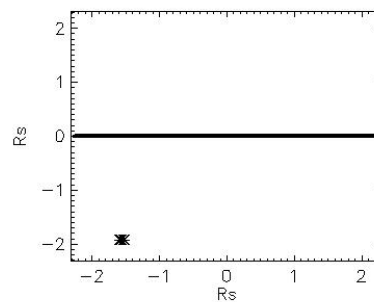
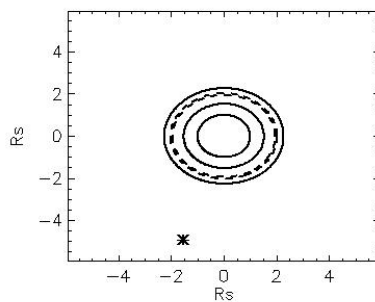
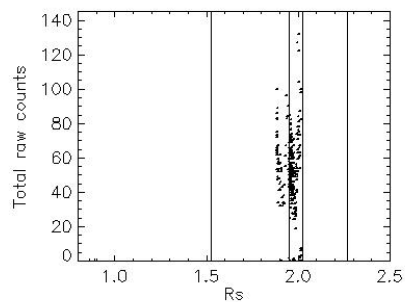
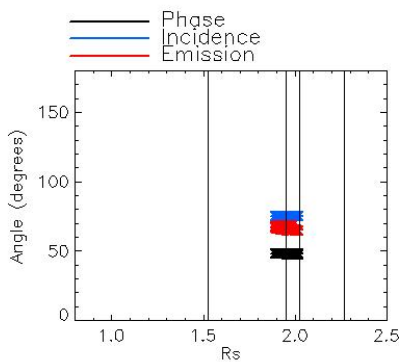
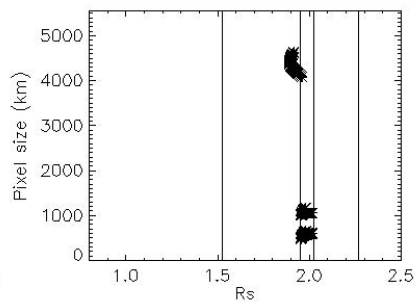
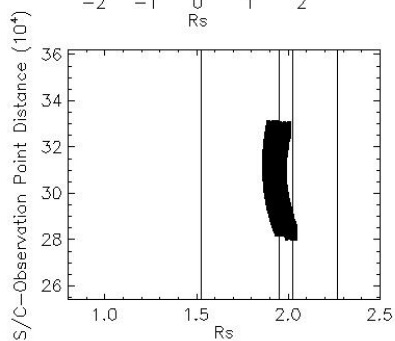


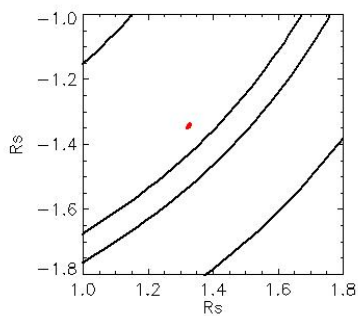
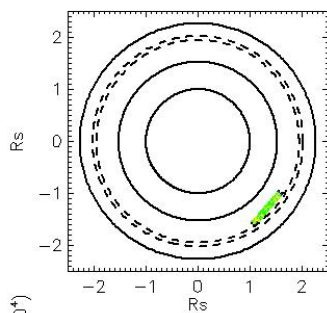
Observation Name:
UVIS_168RLCOMPLIT001_VIMS

Observation Date:
2012_181_04_07_53

Observation Duration:
400 S

Integration time = 80 S



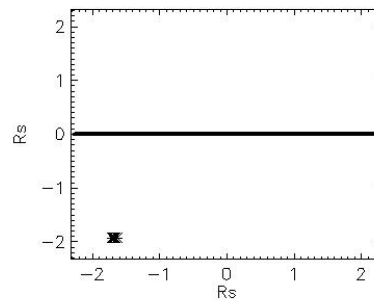
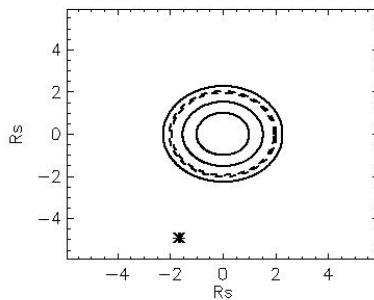
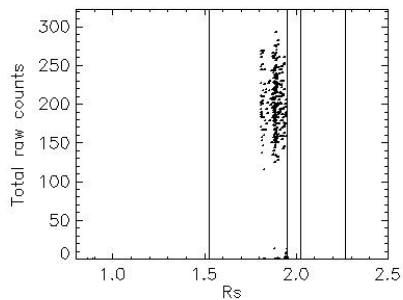
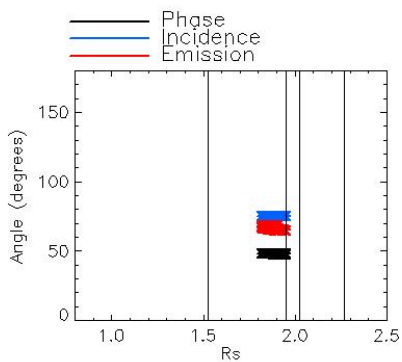
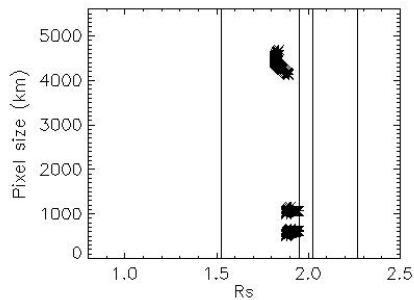
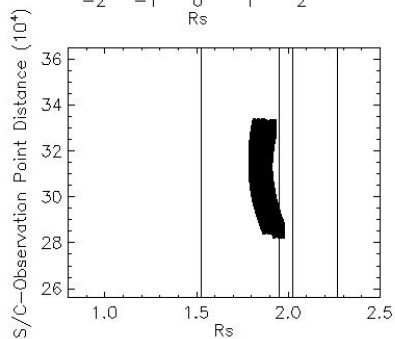


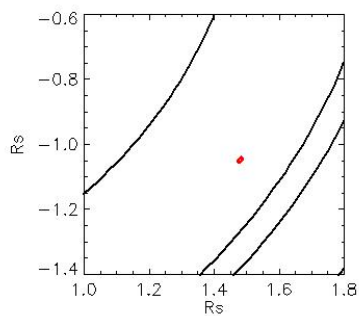
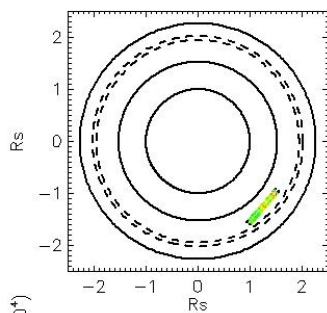
Observation Name:
UVIS_168RLCOMPLIT001_VIMS

Observation Date:
2012_181_04_15_56

Observation Duration:
400 S

Integration time = 80 S



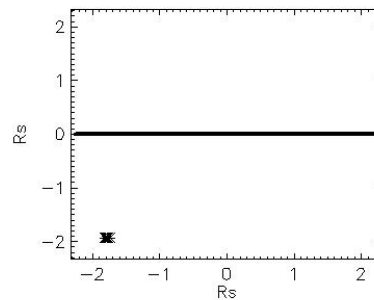
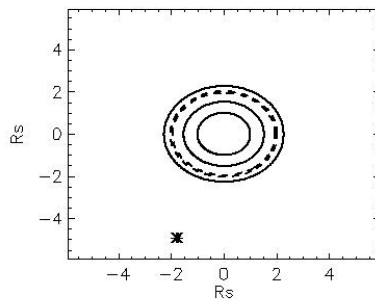
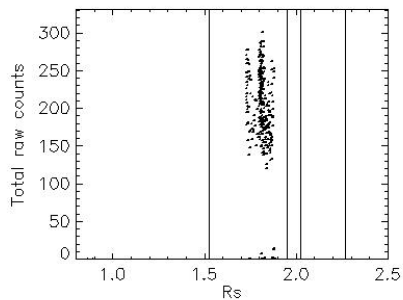
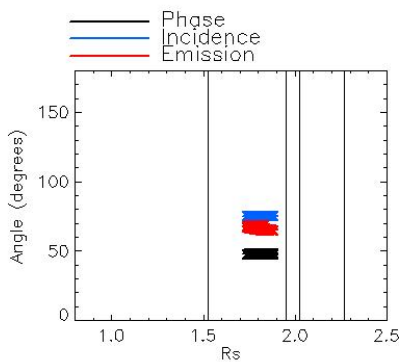
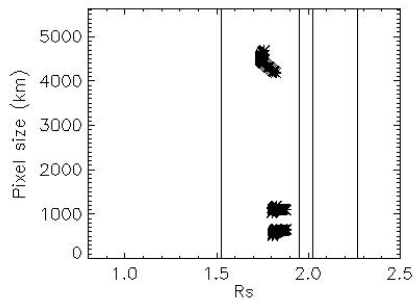
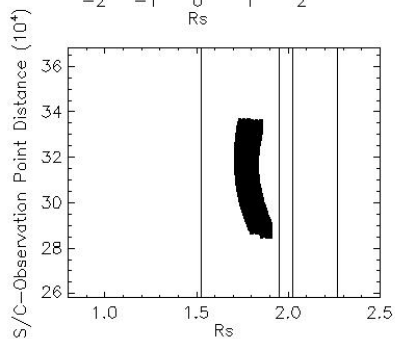


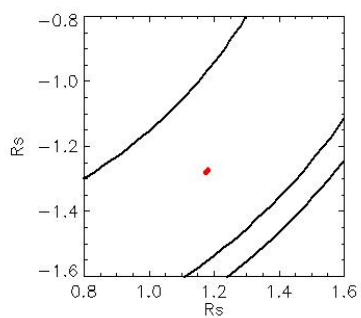
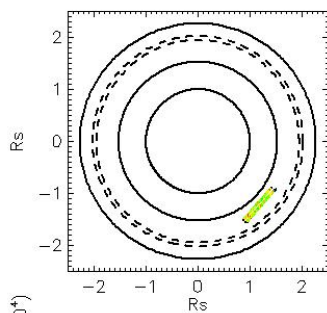
Observation Name:
UVIS_168RLCOMPLIT001_VIMS

Observation Date:
2012_181_04_23_59

Observation Duration:
400 S

Integration time = 80 S





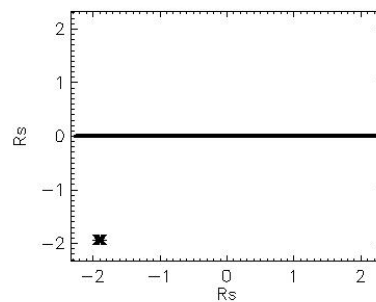
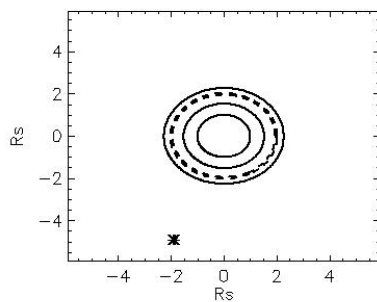
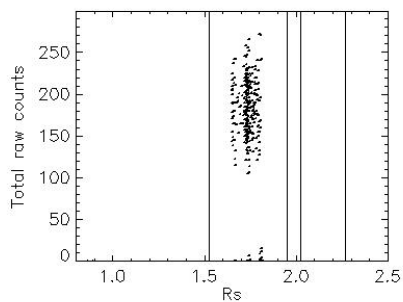
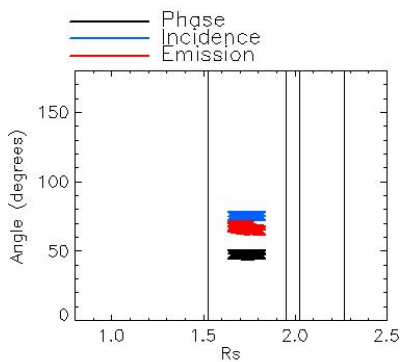
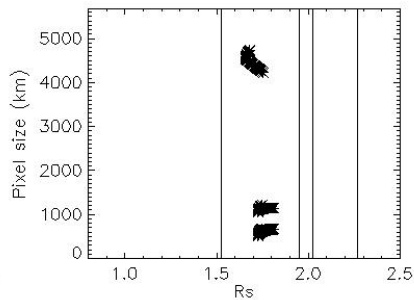
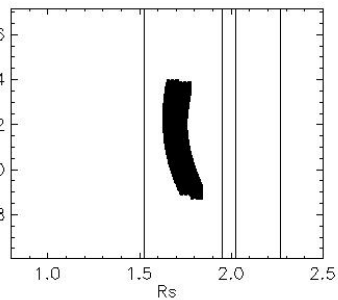
Observation Name:
UVIS_168RLCOMPLIT001_VIMS

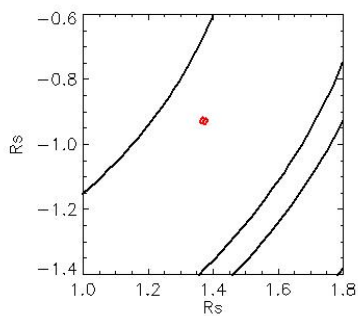
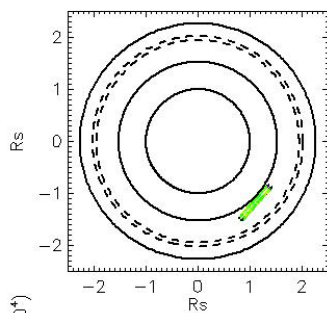
Observation Date:
2012_181_04_32_02

Observation Duration:
400 S

Integration time = 80 S

S/C—Observation Point Distance (10^4)



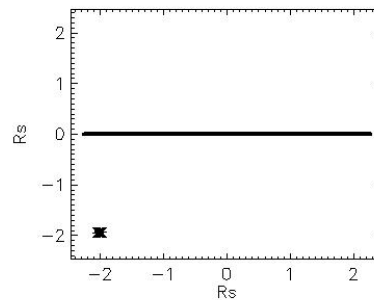
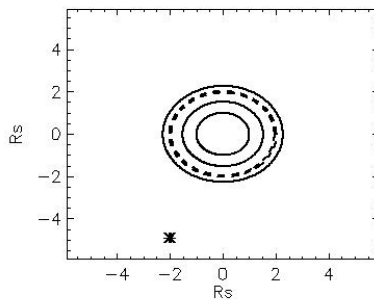
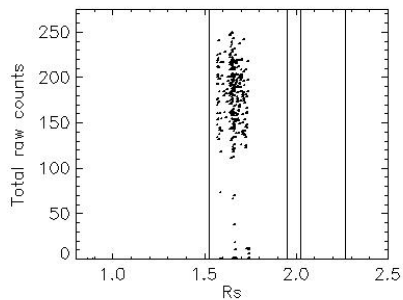
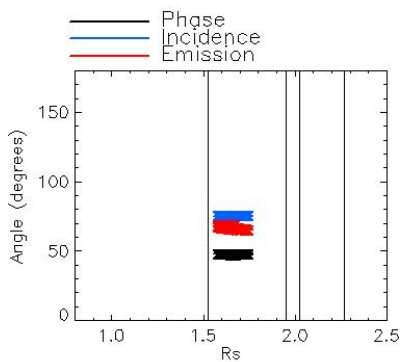
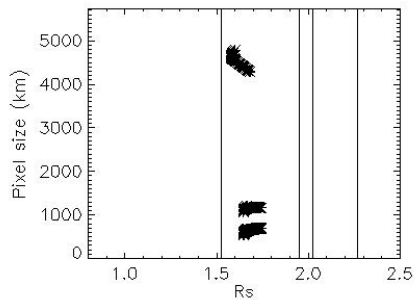
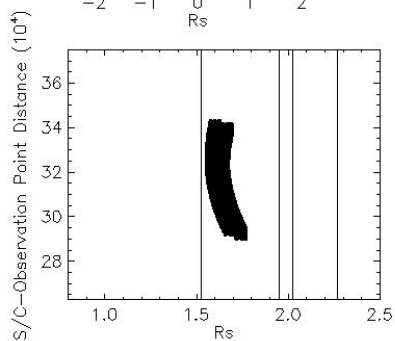


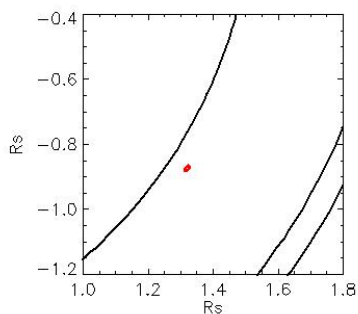
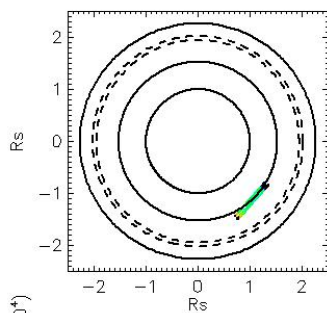
Observation Name:
UVIS_168RLCOMPLIT001_VIMS

Observation Date:
2012_181_04_40_05

Observation Duration:
400 S

Integration time = 80 S





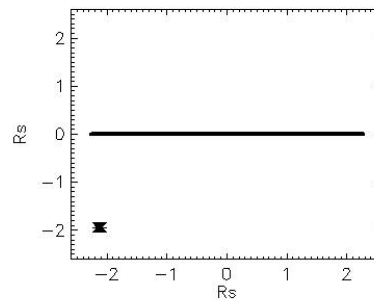
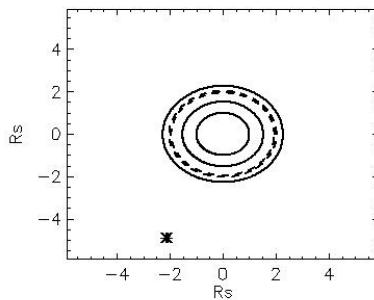
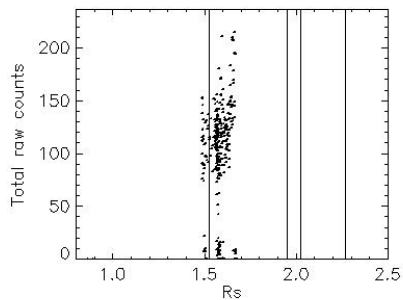
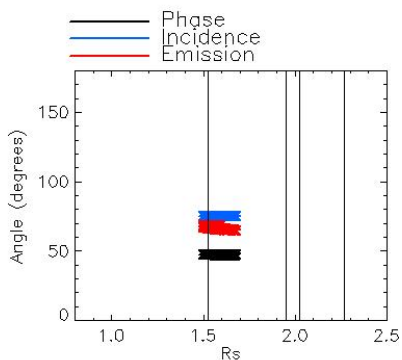
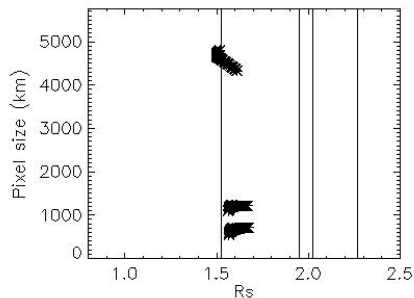
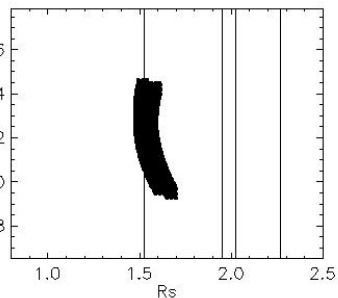
Observation Name:
UVIS_168RLCOMPLIT001_VIMS

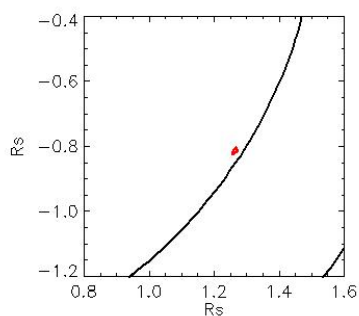
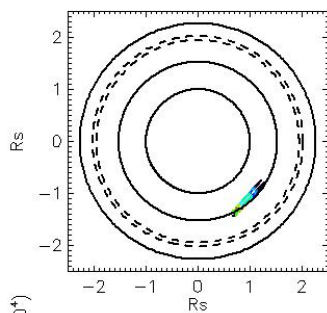
Observation Date:
2012_181_04_48_08

Observation Duration:
400 S

Integration time = 80 S

S/C—Observation Point Distance (10^4)



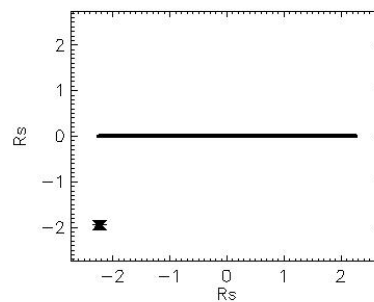
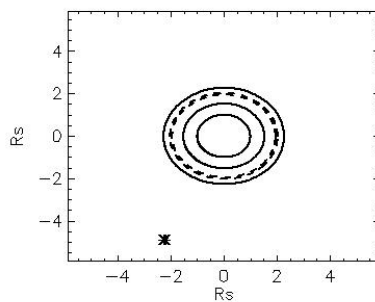
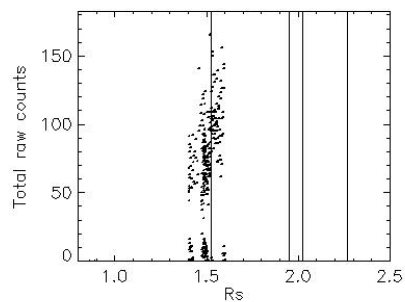
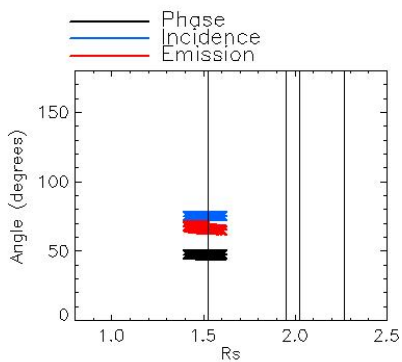
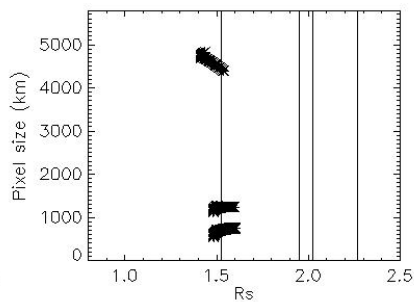
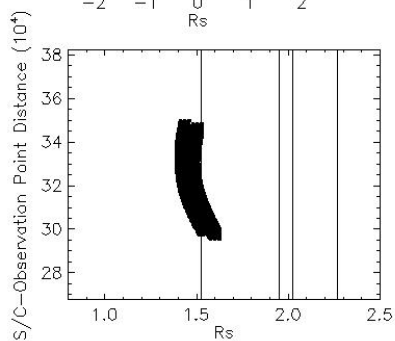


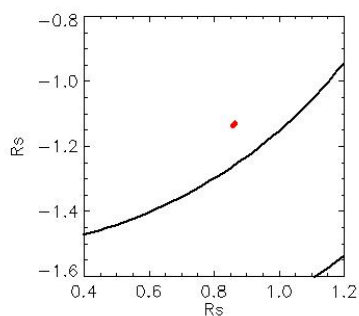
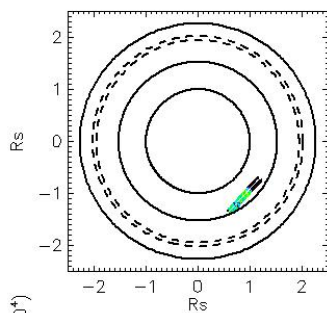
Observation Name:
UVIS_168RLCOMPLIT001_VIMS

Observation Date:
2012_181_04_56_11

Observation Duration:
400 S

Integration time = 80 S



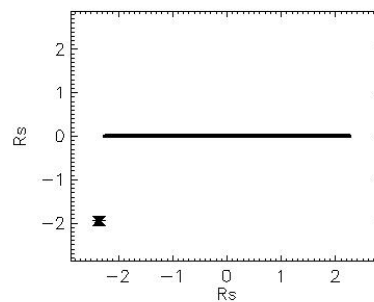
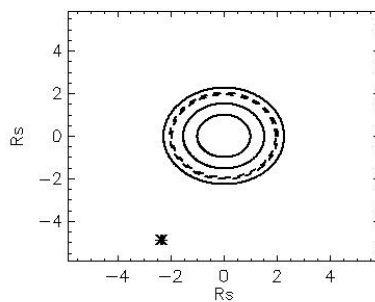
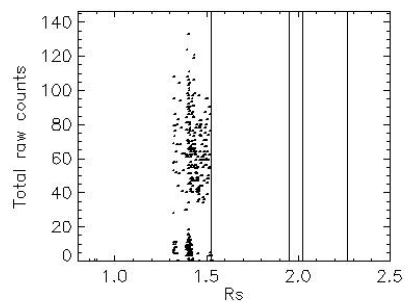
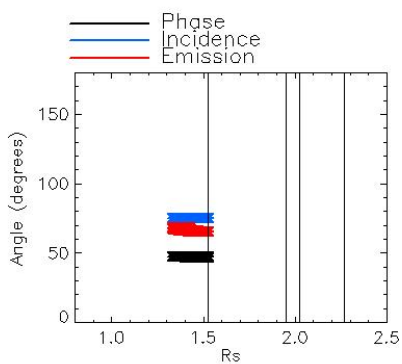
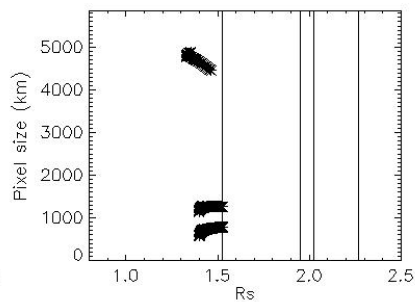
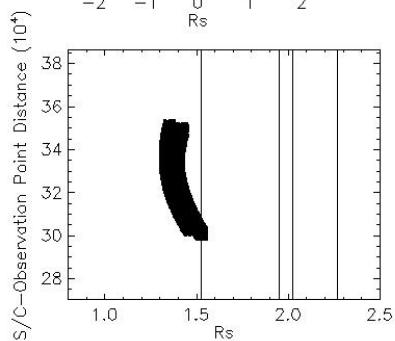


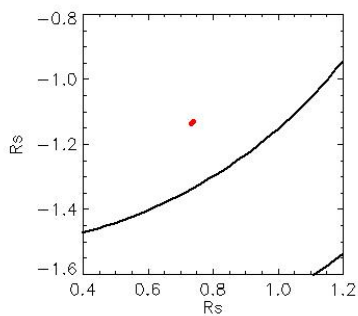
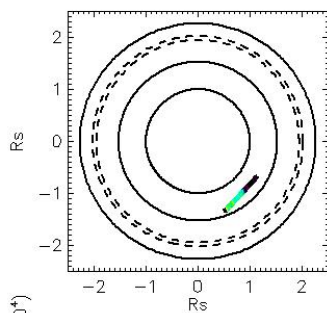
Observation Name:
UVIS_168RLCOMPLIT001_VIMS

Observation Date:
2012_181_05_04_14

Observation Duration:
400 S

Integration time = 80 S



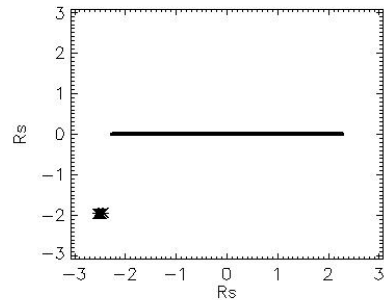
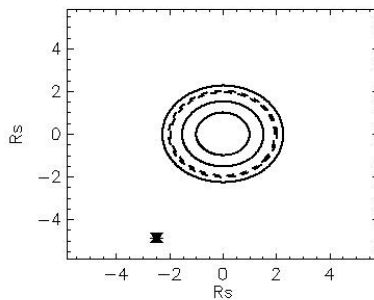
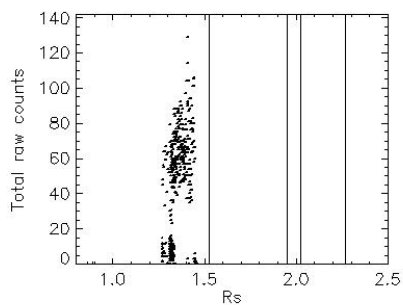
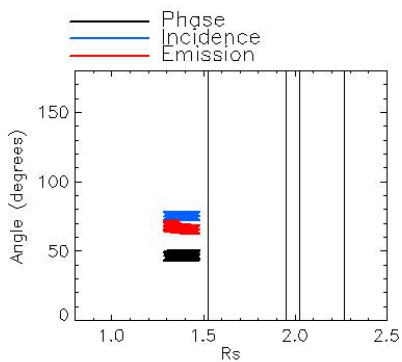
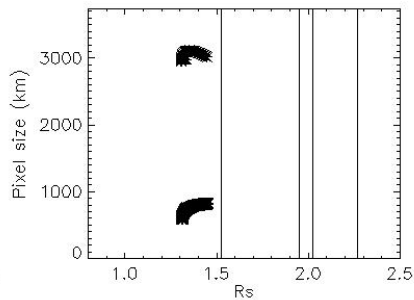
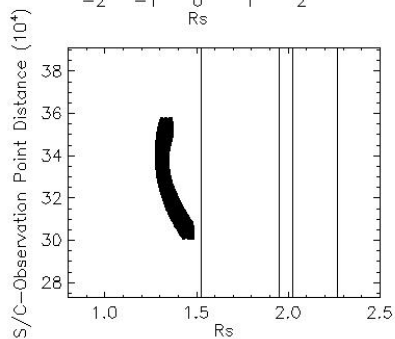


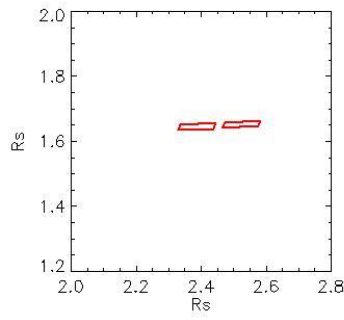
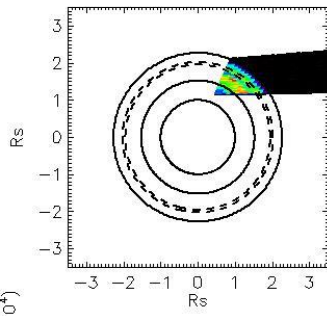
Observation Name:
UVIS_168RLCOMPLIT001_VIMS

Observation Date:
2012_181_05_12_17

Observation Duration:
640 S

Integration time = 80 S



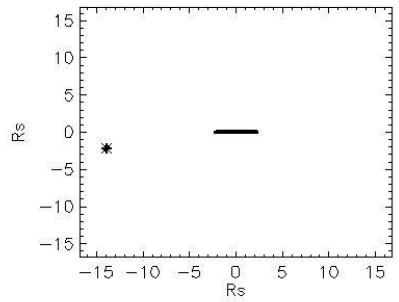
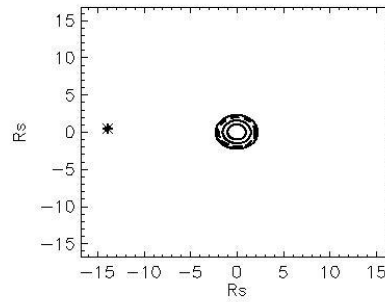
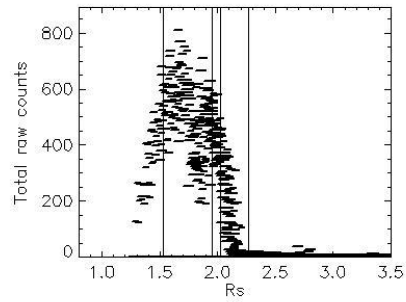
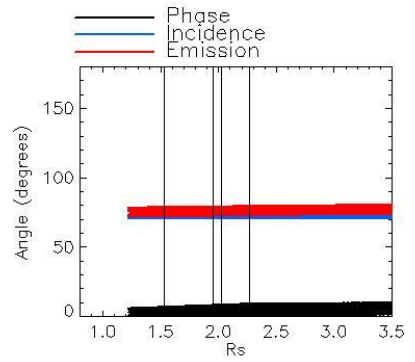
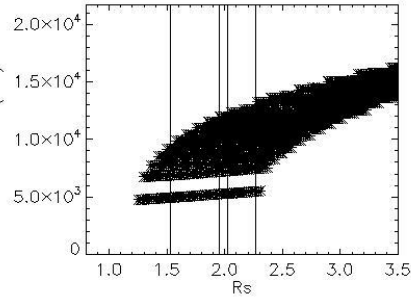
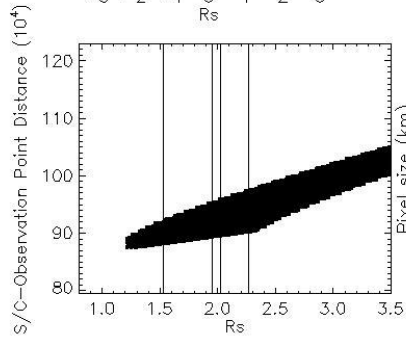


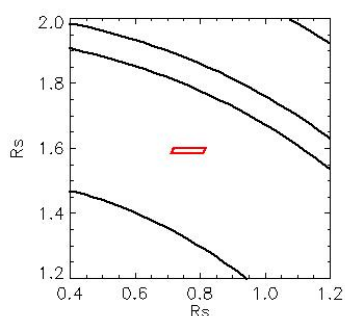
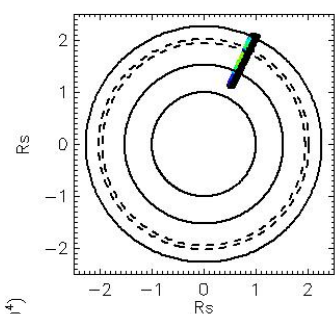
Observation Name:
UVIS_173RLRINGMAP001_PRIME

Observation Date:
2012_293_13_51_49

Observation Duration:
1170 S

Integration time = 45 S





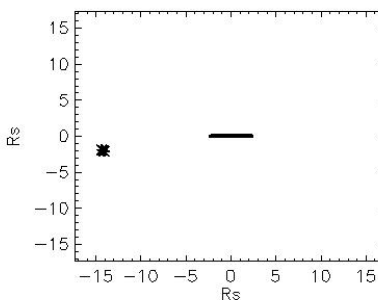
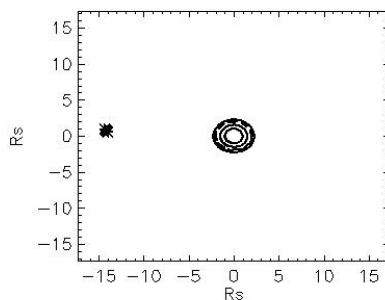
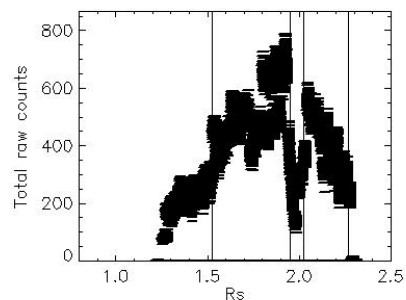
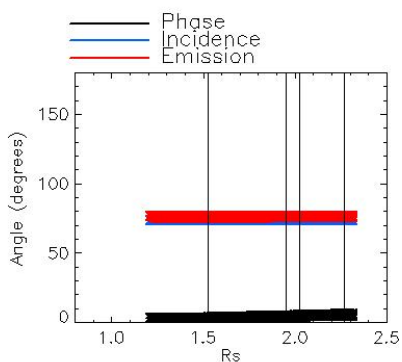
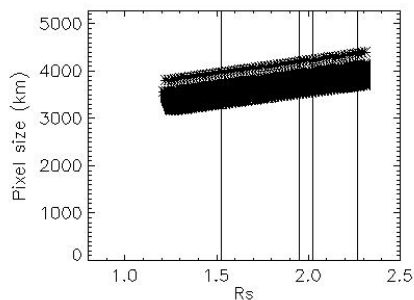
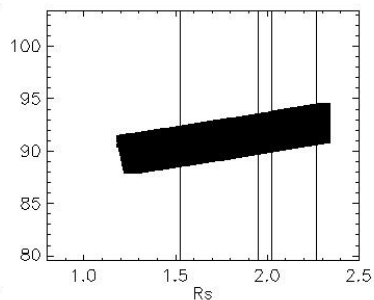
Observation Name:
UVIS_173RLRINGMAP001_PRIME

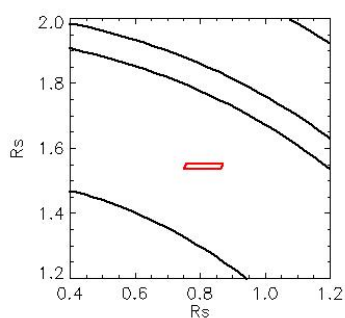
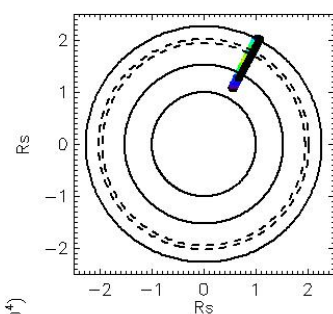
Observation Date:
2012_293_14_12_11

Observation Duration:
5490 S

Integration time = 45 S

S/C—Observation Point Distance (10^4)



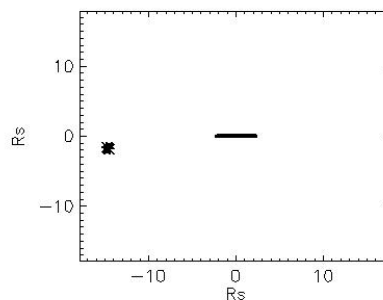
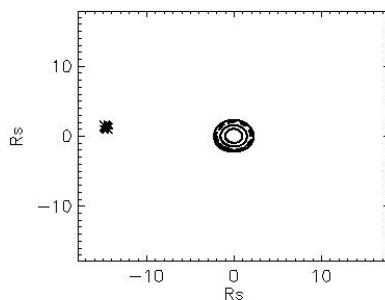
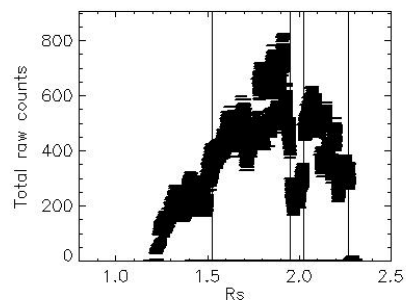
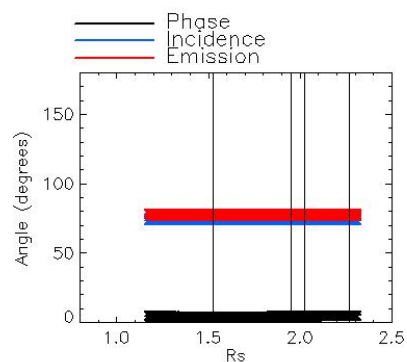
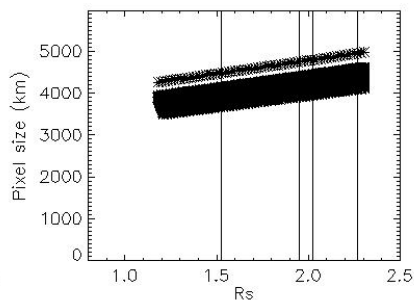
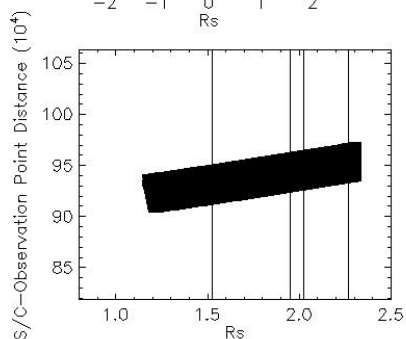


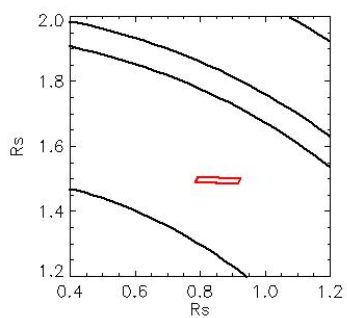
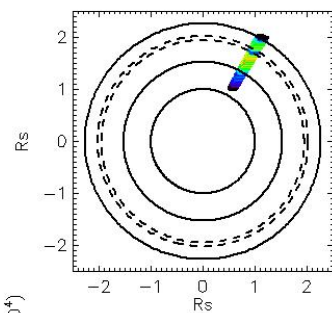
Observation Name:
UVIS_173RLRINGMAP001_PRIME

Observation Date:
2012_293_15_44_05

Observation Duration:
5490 S

Integration time = 45 S





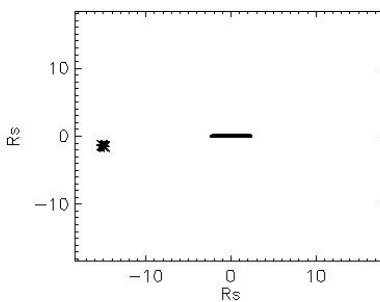
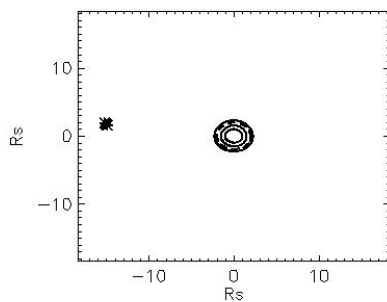
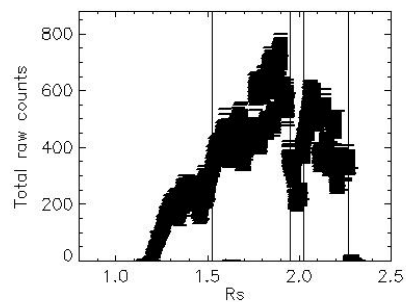
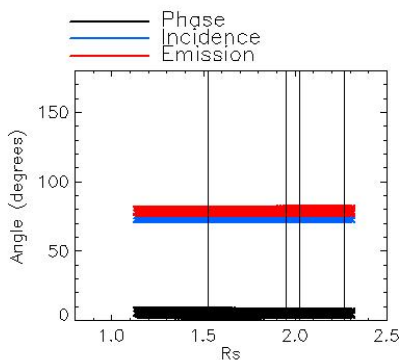
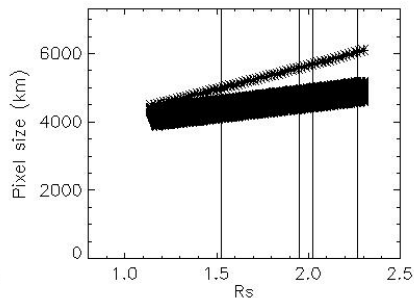
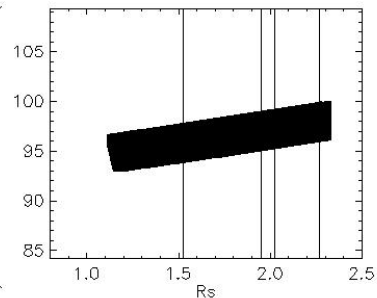
Observation Name:
UVIS_173RLRINGMAP001_PRIME

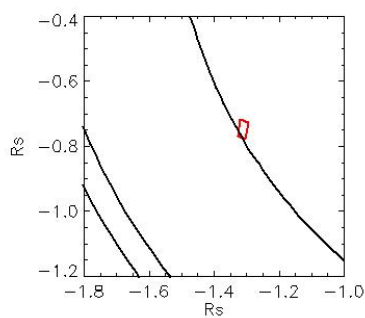
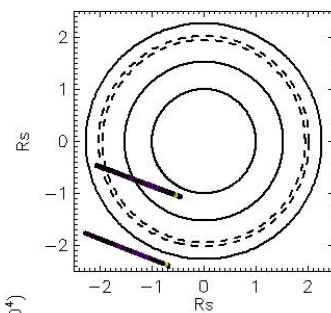
Observation Date:
2012_293_17_16_03

Observation Duration:
5580 S

Integration time = 45 S

S/C—Observation Point Distance (10^4)





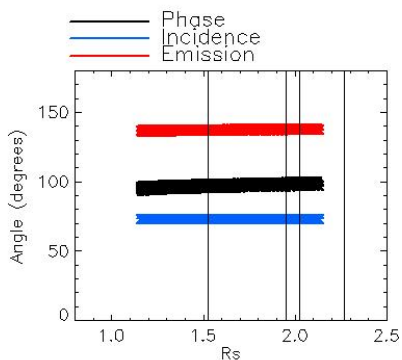
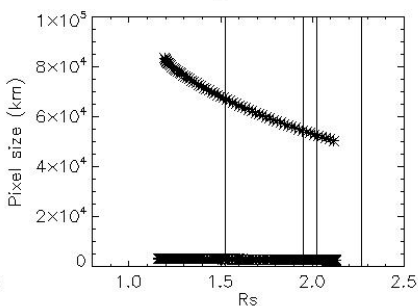
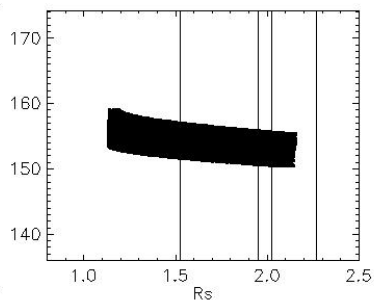
Observation Name:
UVIS_176RLCOMPUNL001_CIRS

Observation Date:
2012_340_21_11_31

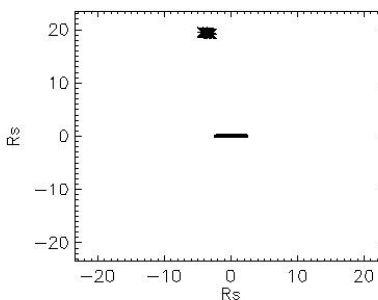
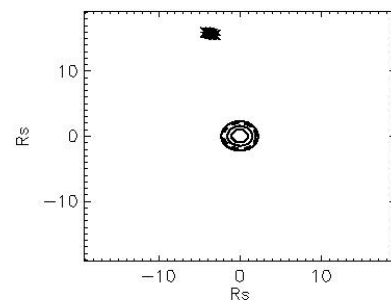
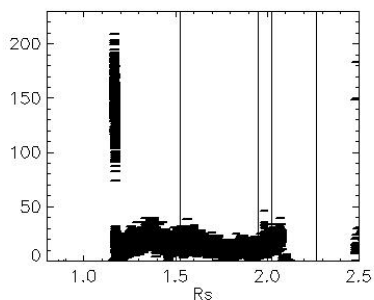
Observation Duration:
24000 S

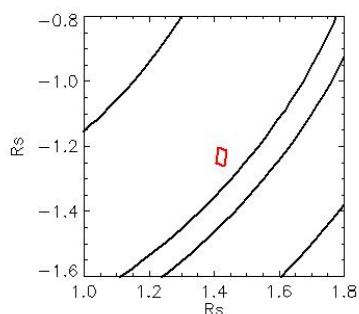
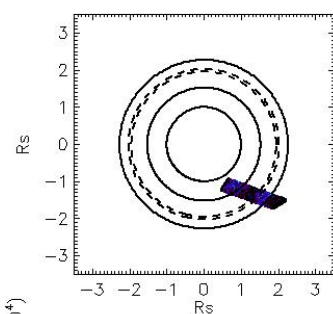
Integration time = 100 S

S/C—Observation Point Distance (10^4)



Total raw counts



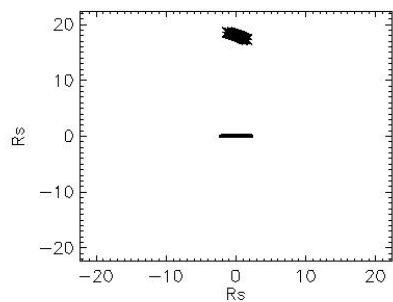
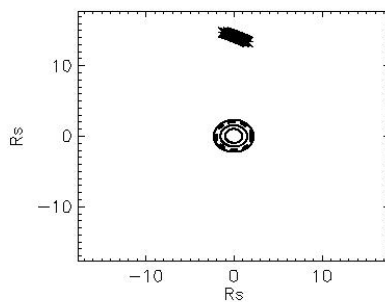
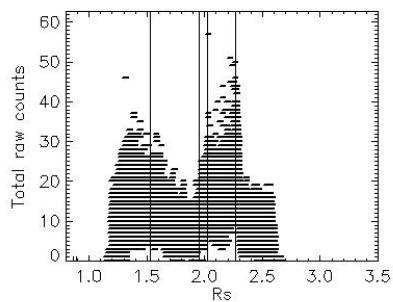
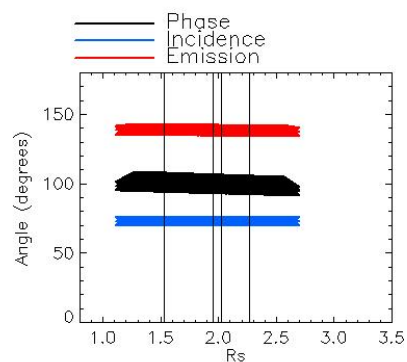
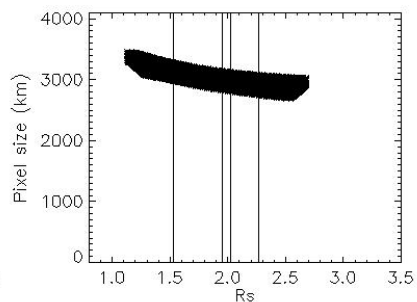
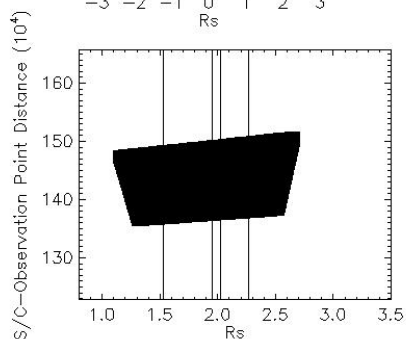


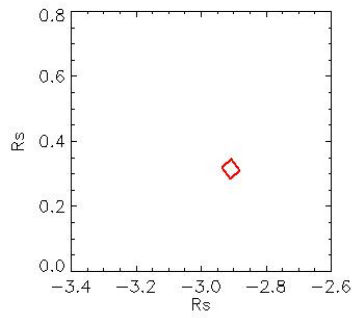
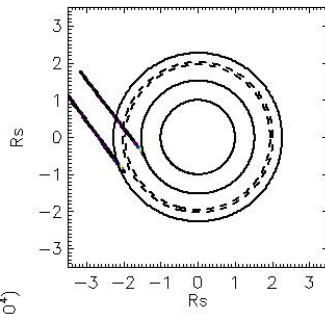
Observation Name:
UVS_177RLSPOKEMOV001_JSS

Observation Date:
2012_354_19_26_31

Observation Duration:
47700 S

Integration time = 100 S



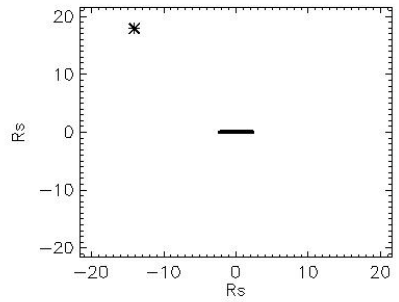
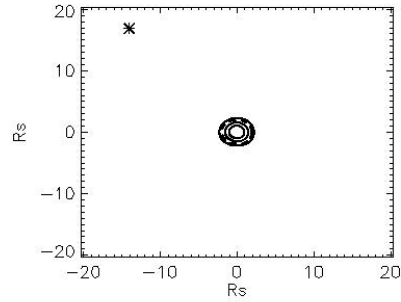
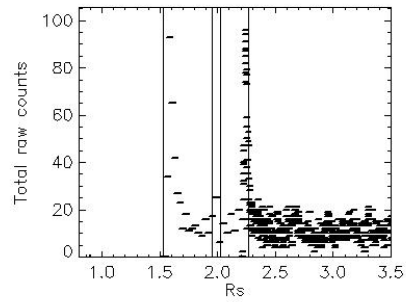
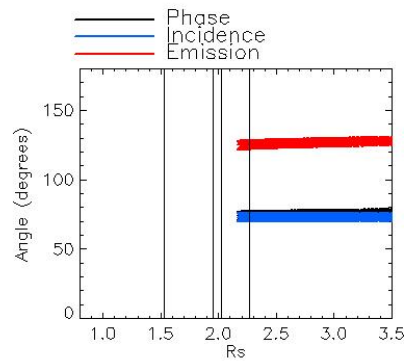
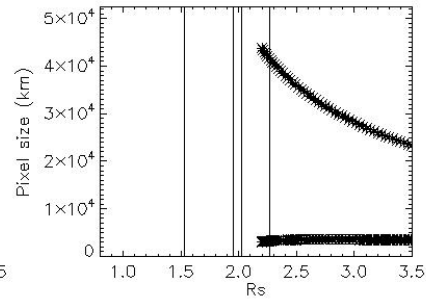
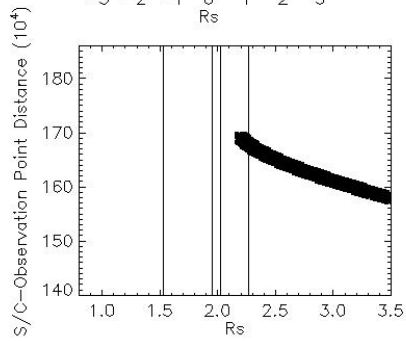


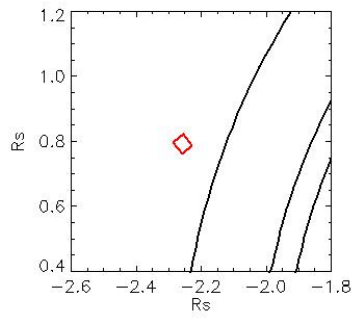
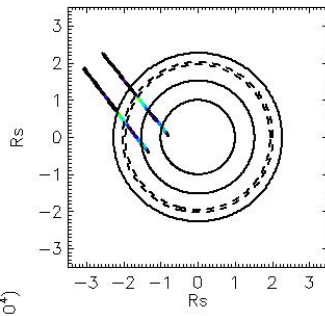
Observation Name:
UVIS_178RLAPOMOSAIC001_VIMS

Observation Date:
2012_365_01_29_22

Observation Duration:
1500 S

Integration time = 150 S



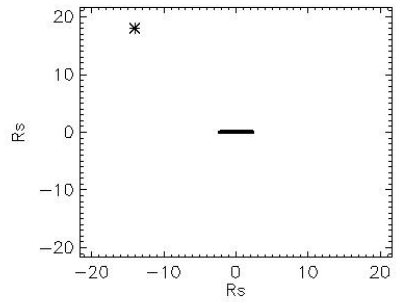
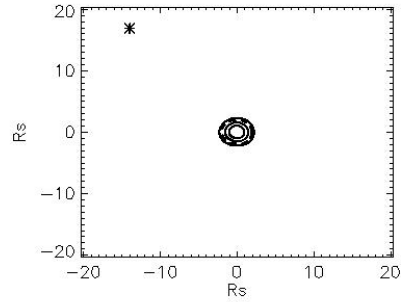
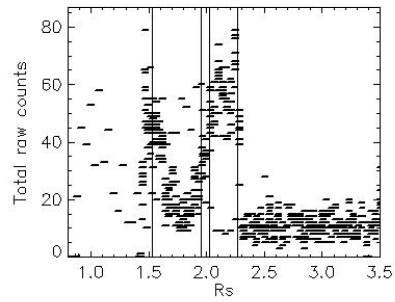
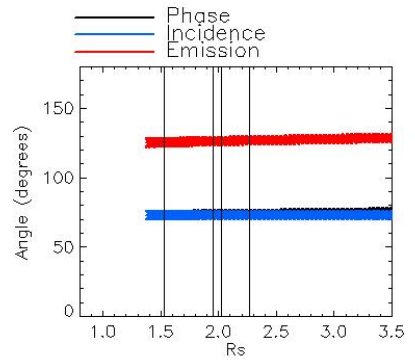
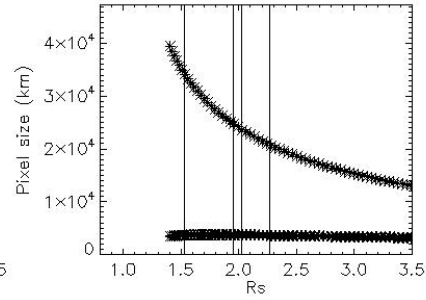
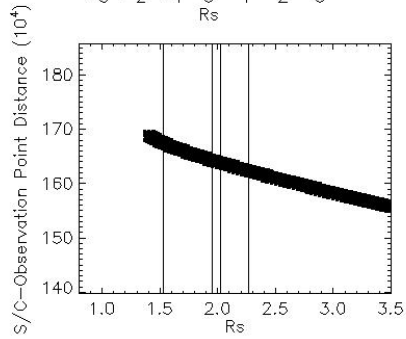


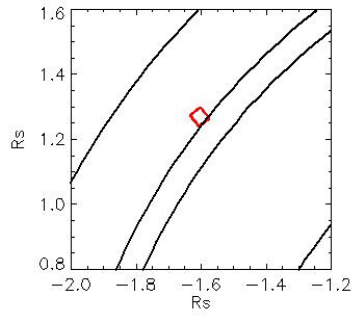
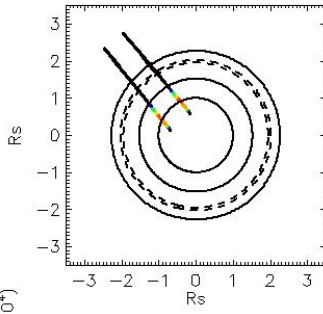
Observation Name:
UVIS_178RLAPOMOSAIC001_VIMS

Observation Date:
2012_365_01_55_58

Observation Duration:
1500 S

Integration time = 150 S



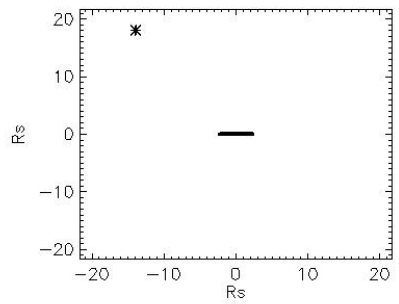
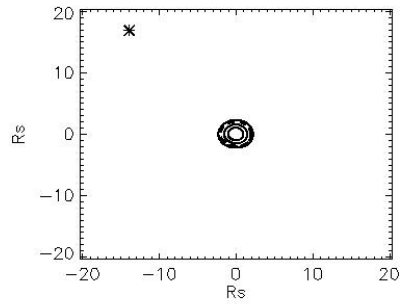
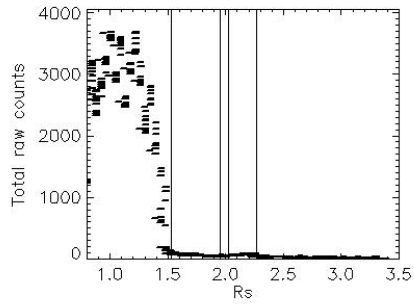
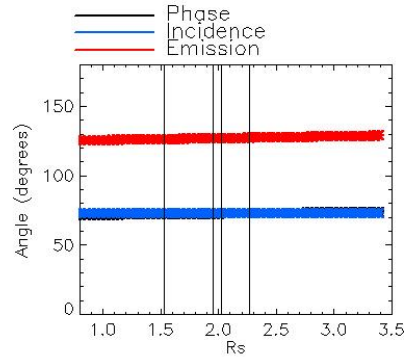
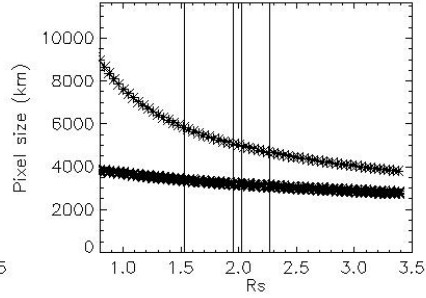
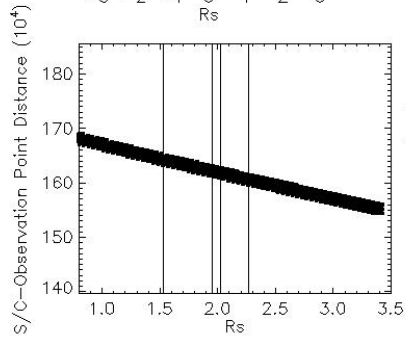


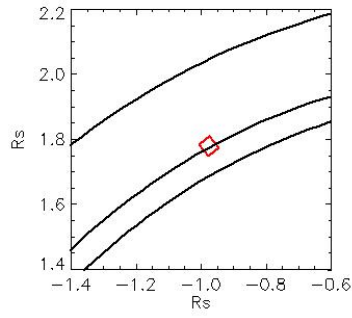
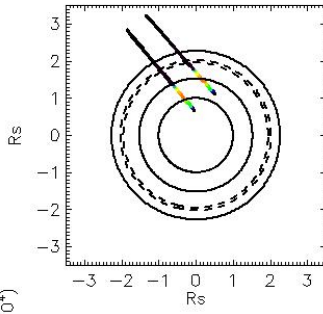
Observation Name:
UVIS_178RLAPOMOSAIC001_VIMS

Observation Date:
2012_365_02_22_34

Observation Duration:
1500 S

Integration time = 150 S



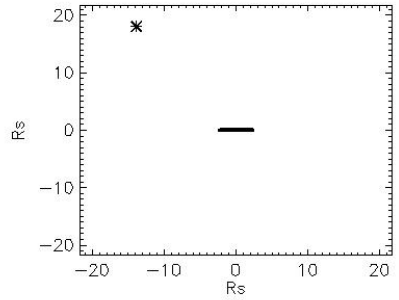
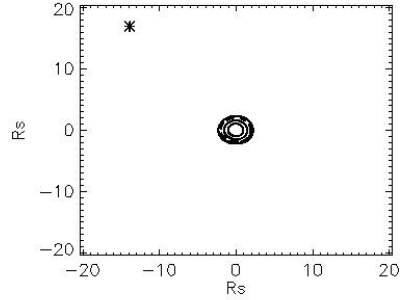
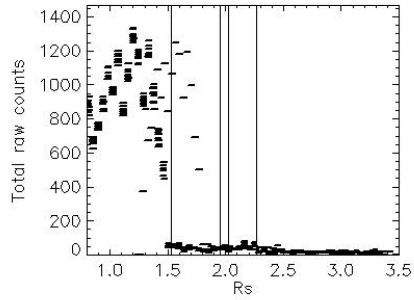
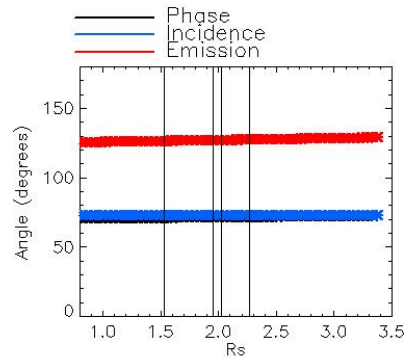
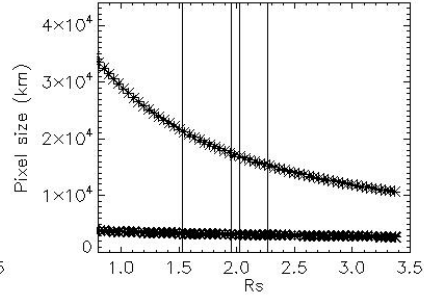
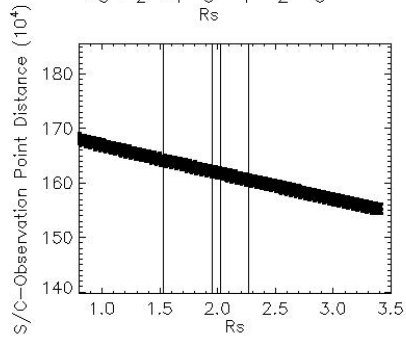


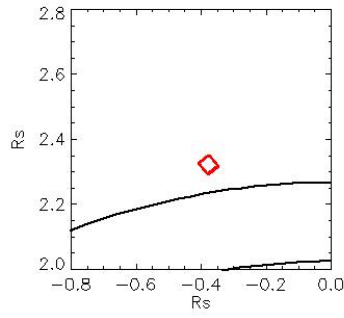
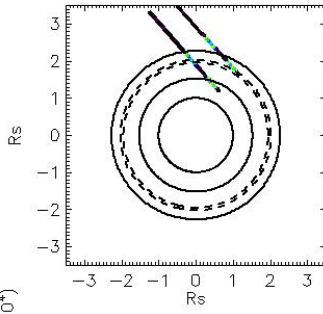
Observation Name:
UVIS_178RLAPOMOSAIC001_VIMS

Observation Date:
2012_365_02_49_10

Observation Duration:
1500 S

Integration time = 150 S



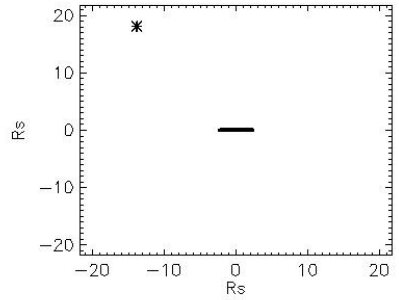
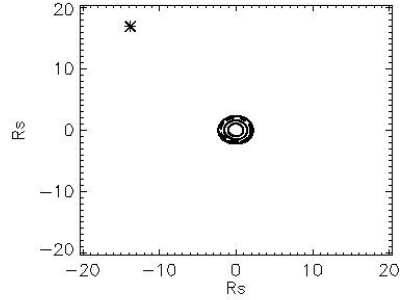
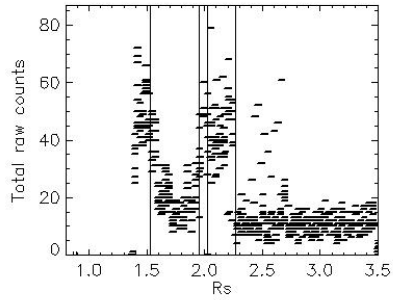
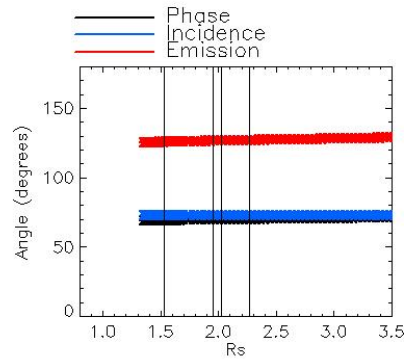
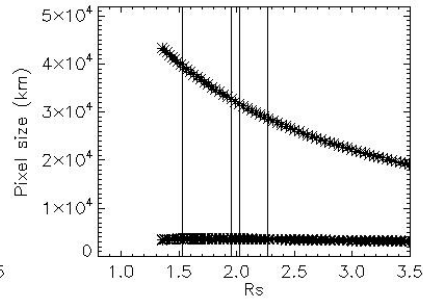
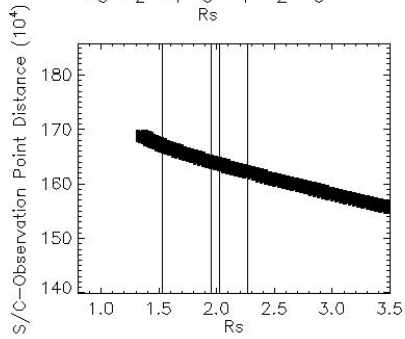


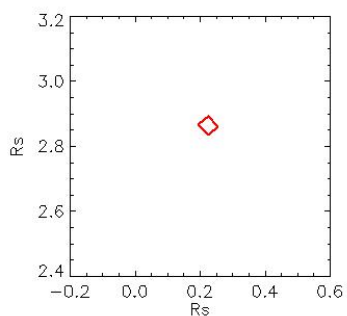
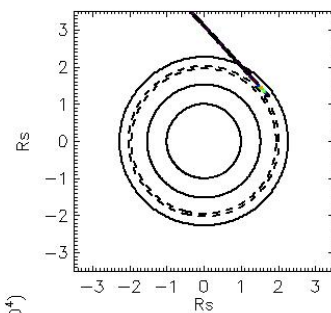
Observation Name:
UVIS_178RLAPOMOSAIC001_VIMS

Observation Date:
2012_365_03_15_46

Observation Duration:
1500 S

Integration time = 150 S





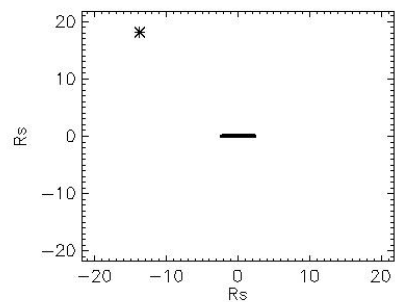
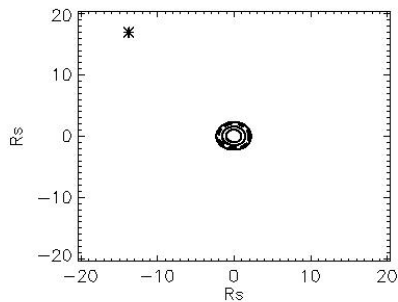
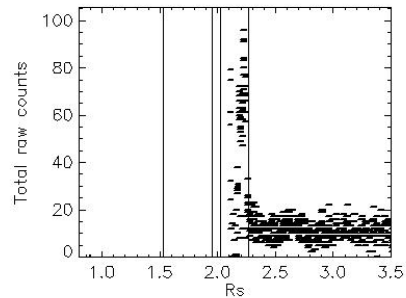
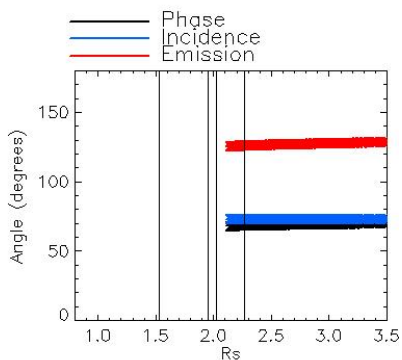
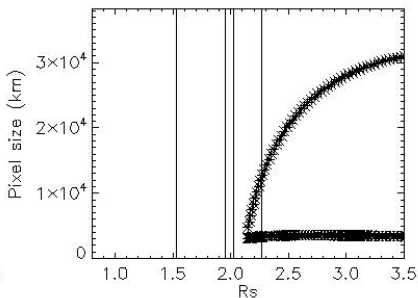
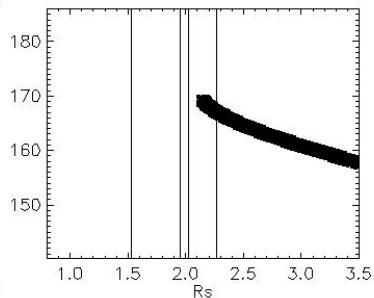
Observation Name:
UVIS_178RLAPOMOSAIC001_VIMS

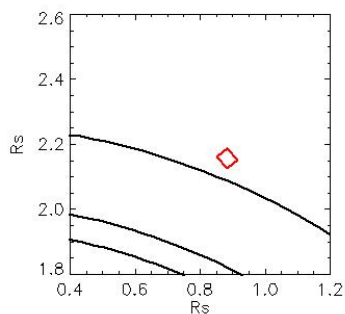
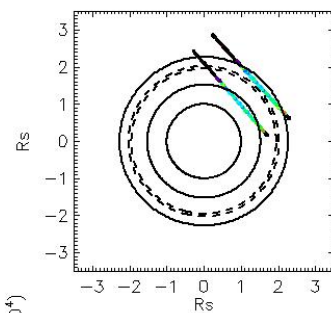
Observation Date:
2012_365_03_42_22

Observation Duration:
1500 S

Integration time = 150 S

S/C—Observation Point Distance (10^4)



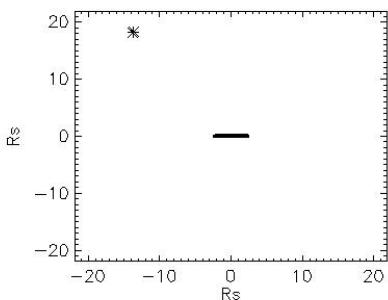
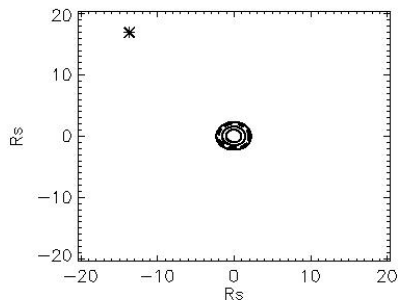
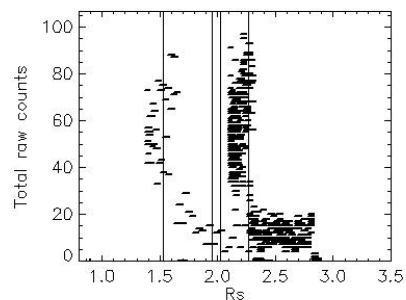
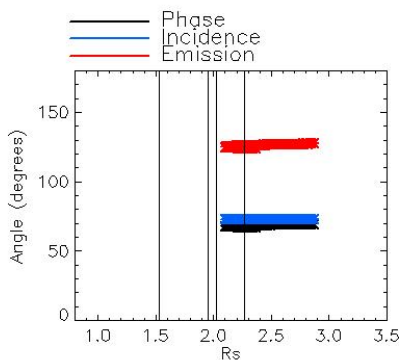
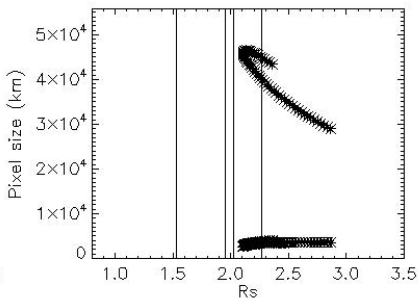
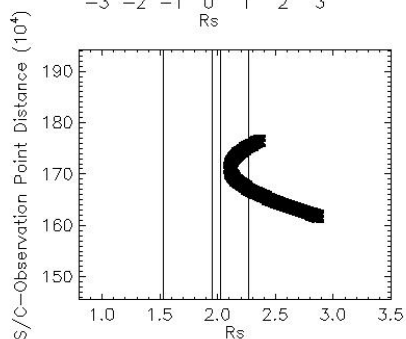


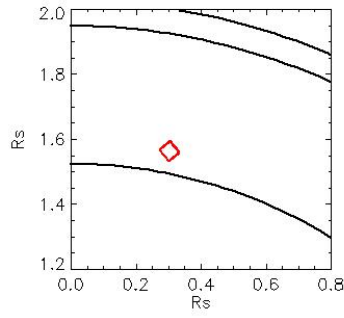
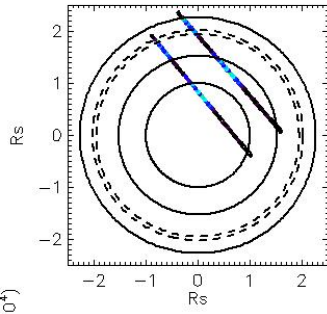
Observation Name:
UVIS_178RLAPOMOSAIC001_VIMS

Observation Date:
2012_365_04_09_39

Observation Duration:
1500 S

Integration time = 150 S



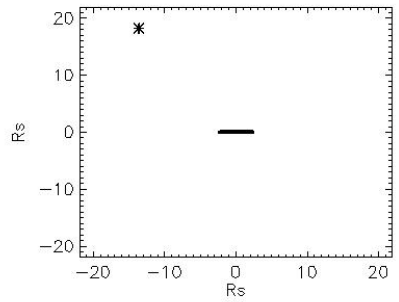
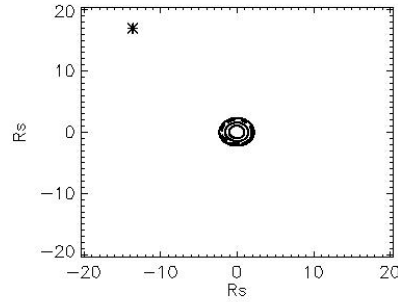
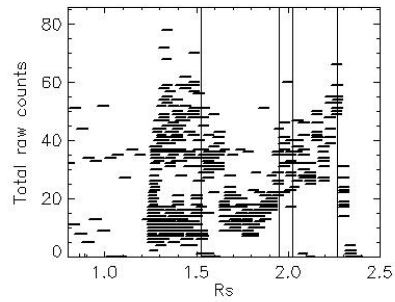
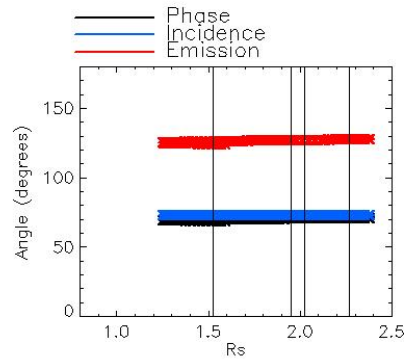
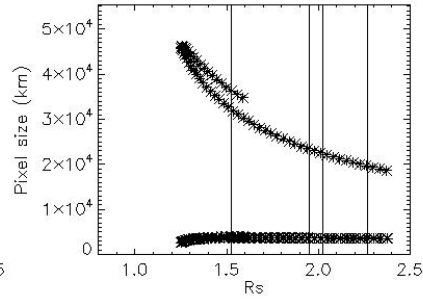
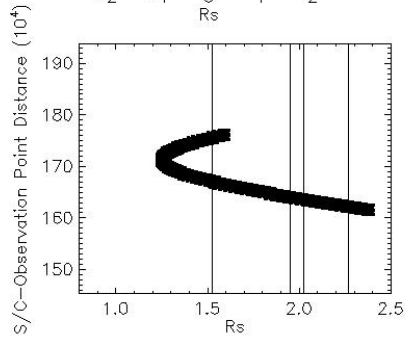


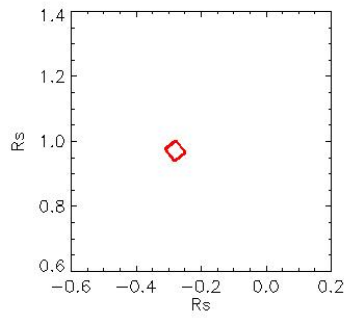
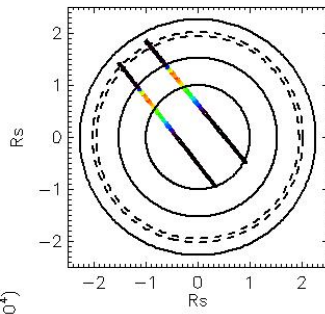
Observation Name:
UVIS_178RLAPOMOSAIC001_VIMS

Observation Date:
2012_365_04_36_15

Observation Duration:
1500 S

Integration time = 150 S



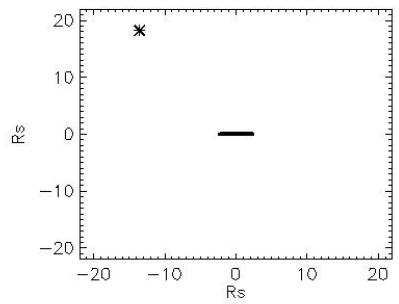
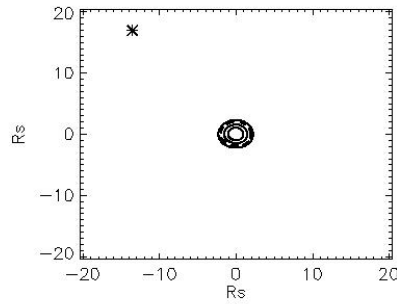
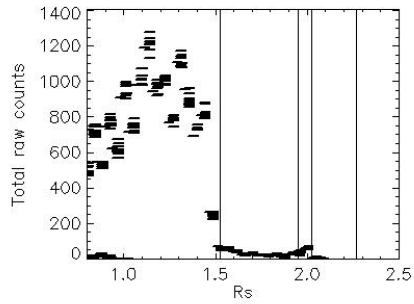
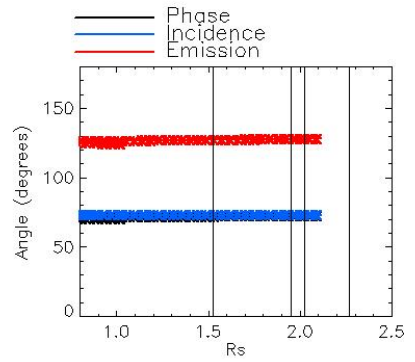
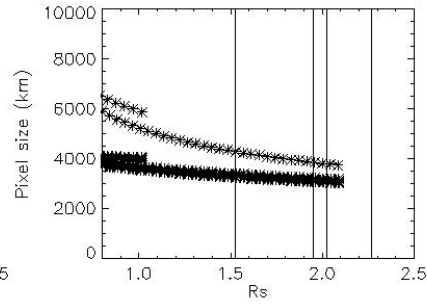
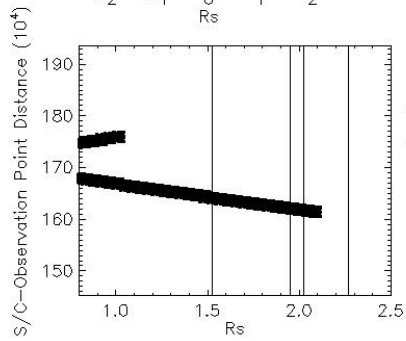


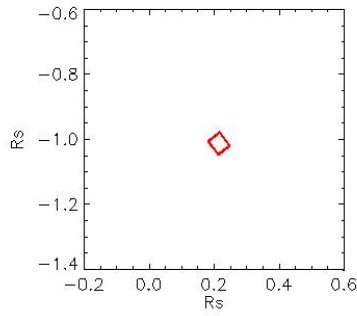
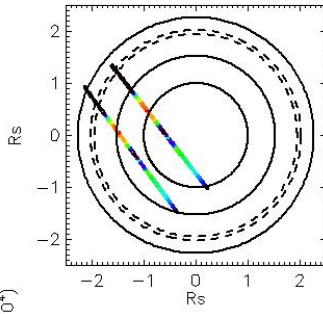
Observation Name:
UVIS_178RLAPOMOSAIC001_VIMS

Observation Date:
2012_365_05_02_51

Observation Duration:
1500 S

Integration time = 150 S



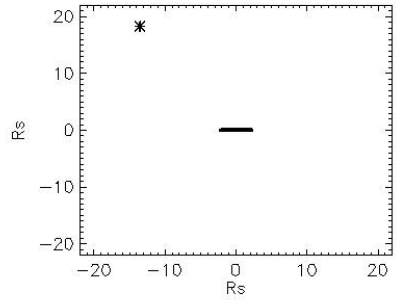
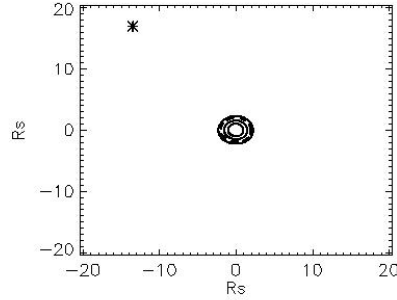
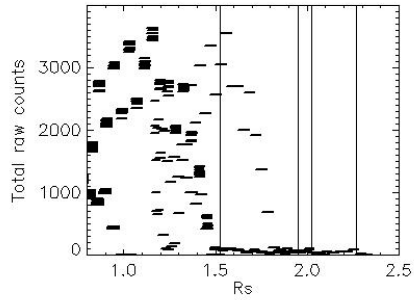
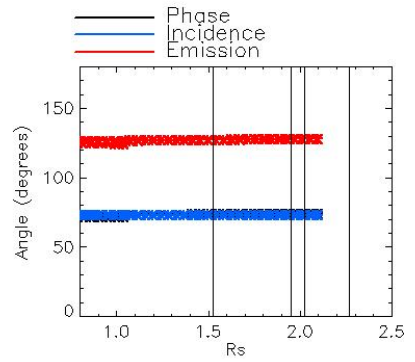
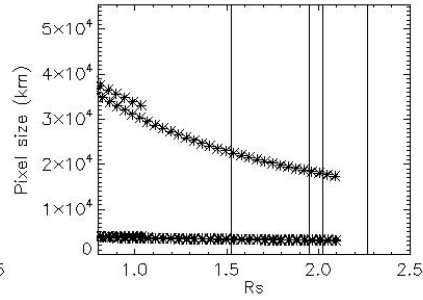
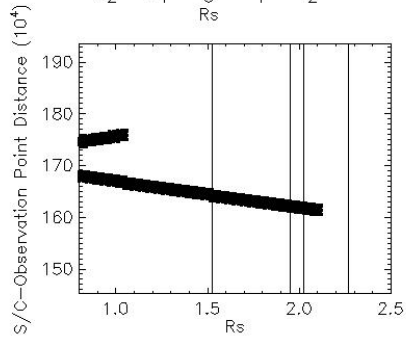


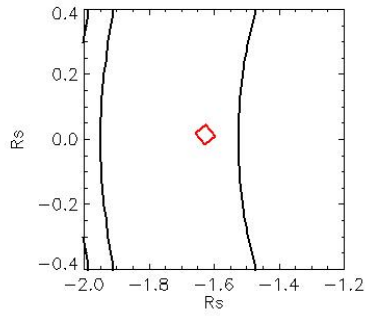
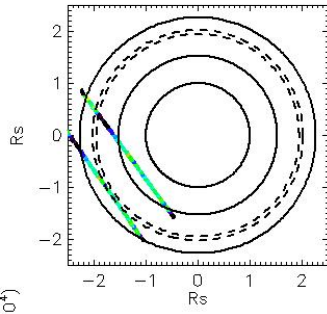
Observation Name:
UVIS_178RLAPOMOSAIC001_VIMS

Observation Date:
2012_365_05_29_27

Observation Duration:
1500 S

Integration time = 150 S



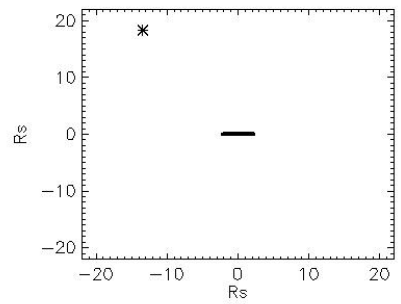
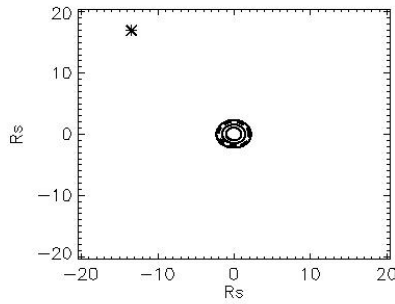
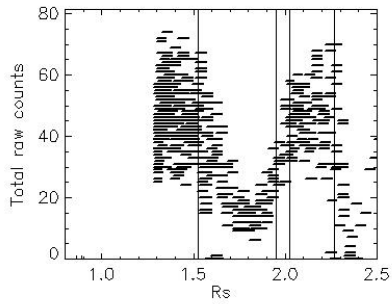
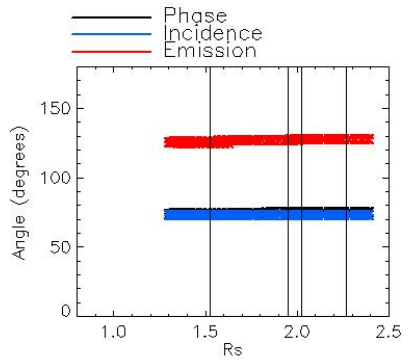
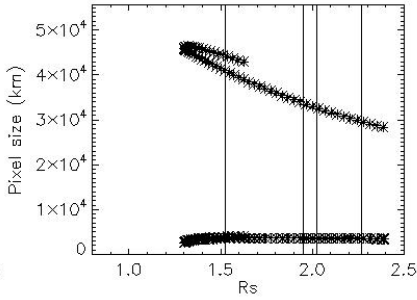
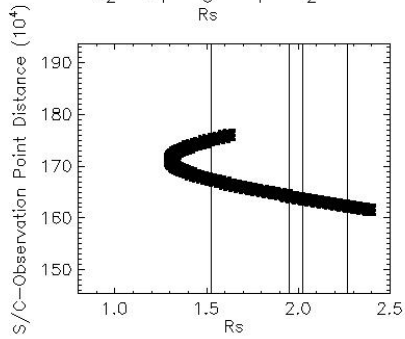


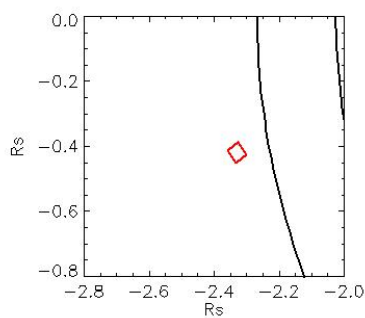
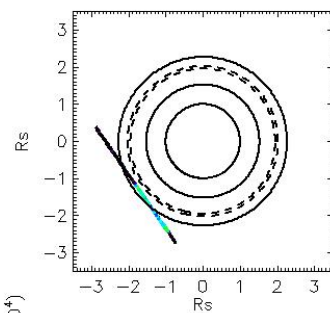
Observation Name:
UVIS_178RLAPOMOSAIC001_VIMS

Observation Date:
2012_365_05_56_03

Observation Duration:
1500 S

Integration time = 150 S





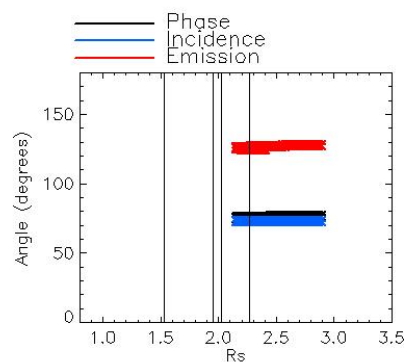
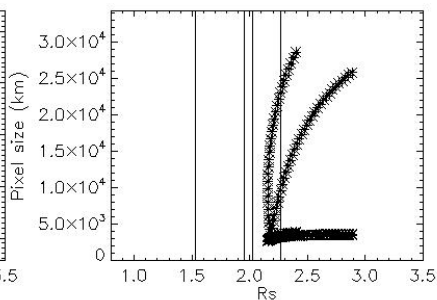
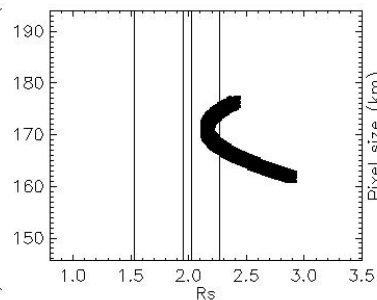
Observation Name:
UVIS_178RLAPOMOSAIC001_VIMS

Observation Date:
2012_365_06_22_39

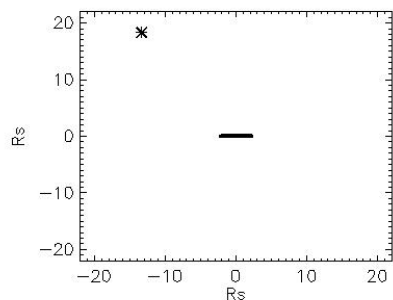
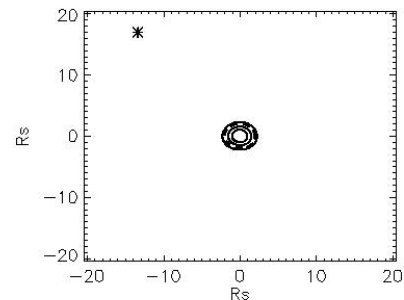
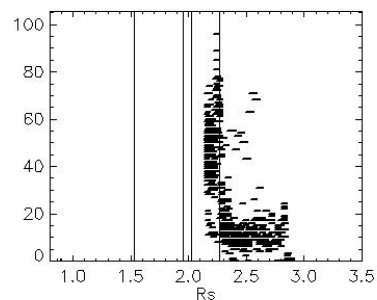
Observation Duration:
1500 S

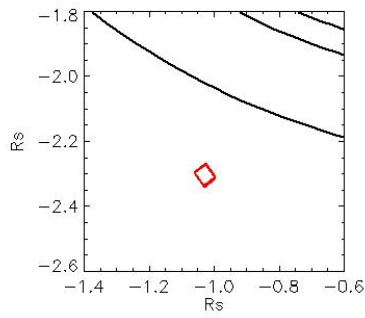
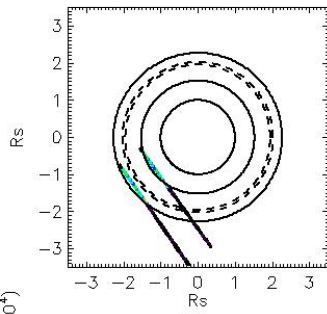
Integration time = 150 S

S/C—Observation Point Distance (10^4)



Total raw counts



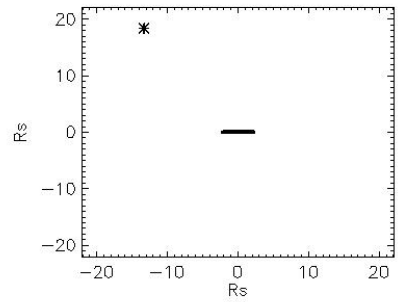
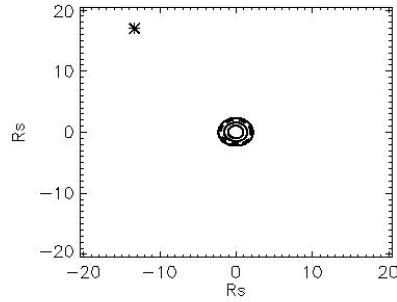
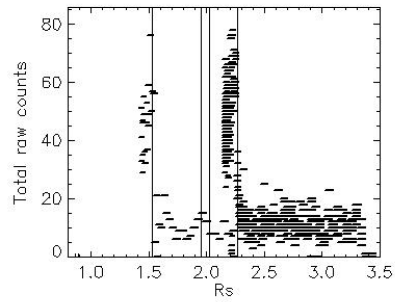
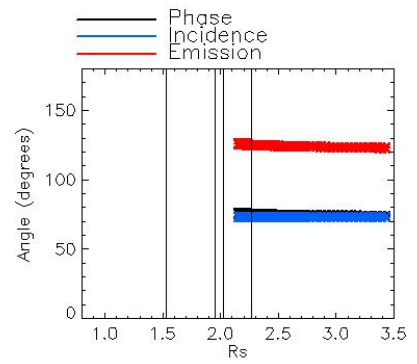
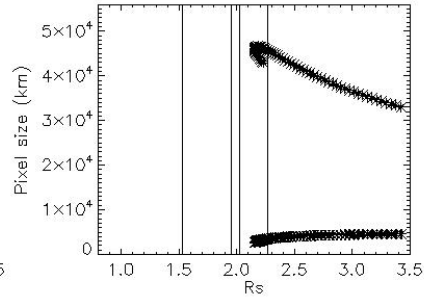
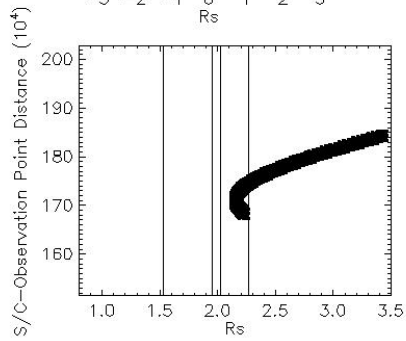


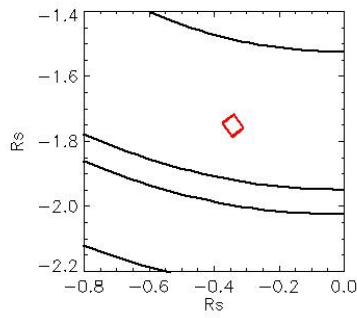
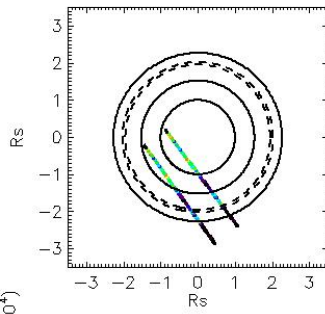
Observation Name:
UVIS_178RLAPOMOSAIC001_VIMS

Observation Date:
2012_365_06_49_56

Observation Duration:
1500 S

Integration time = 150 S



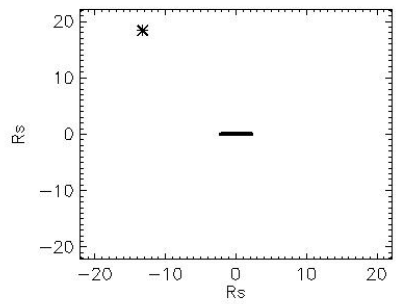
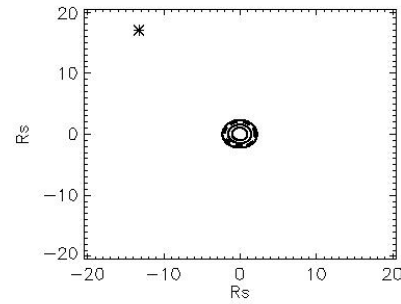
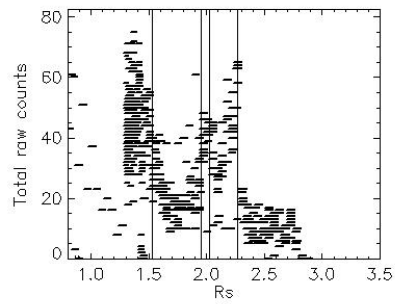
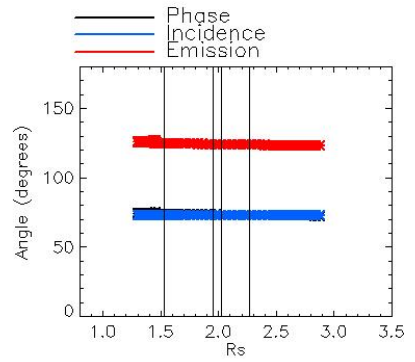
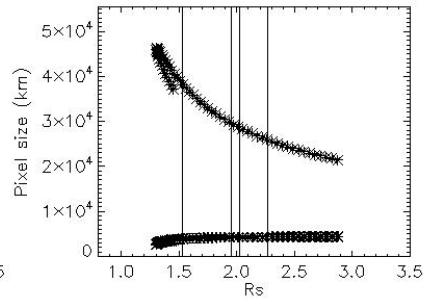
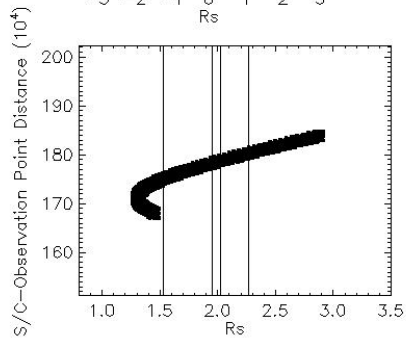


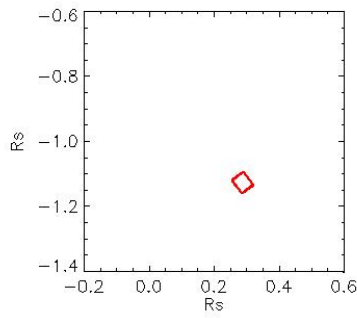
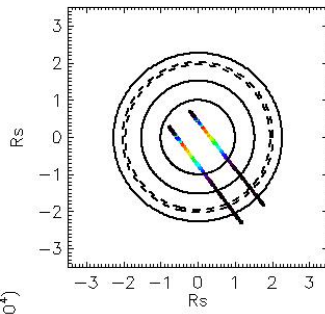
Observation Name:
UVIS_178RLAPOMOSAIC001_VIMS

Observation Date:
2012_365_07_16_32

Observation Duration:
1500 S

Integration time = 150 S



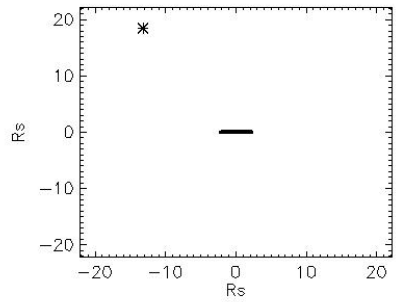
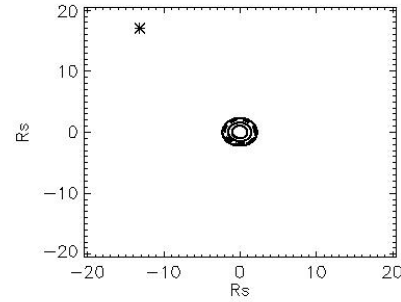
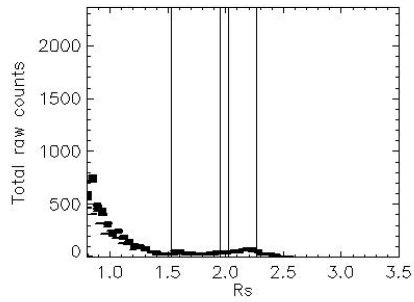
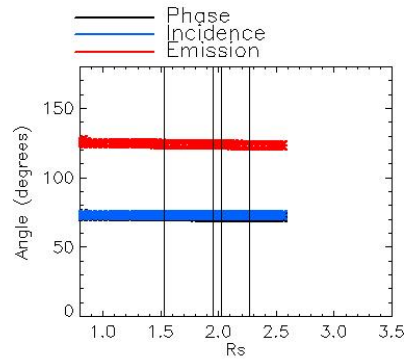
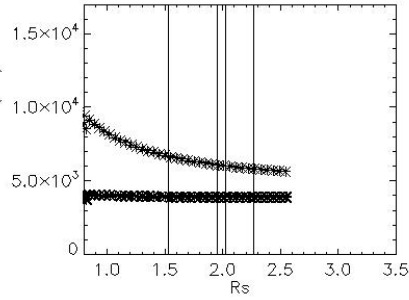
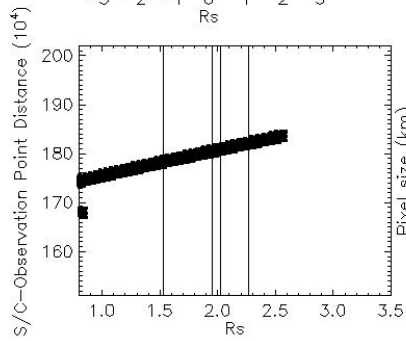


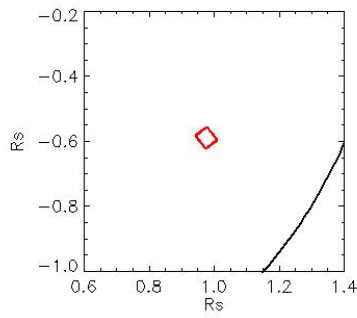
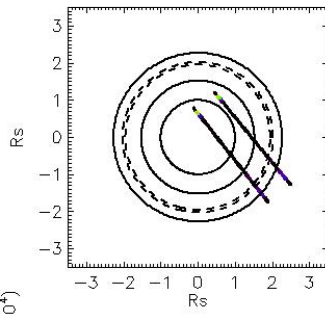
Observation Name:
UVIS_178RLAPOMOSAIC001_VIMS

Observation Date:
2012_365_07_43_08

Observation Duration:
1500 S

Integration time = 150 S



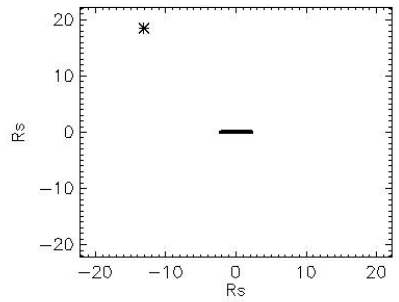
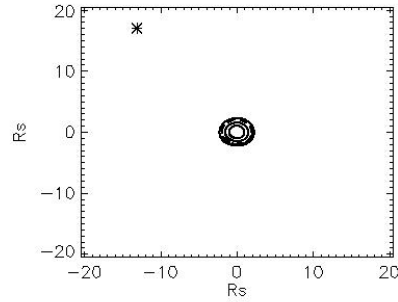
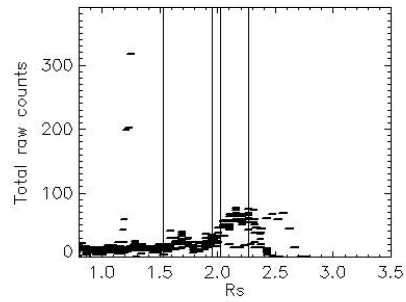
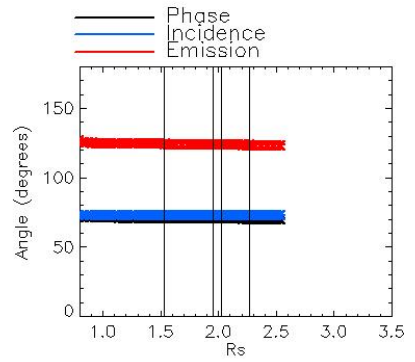
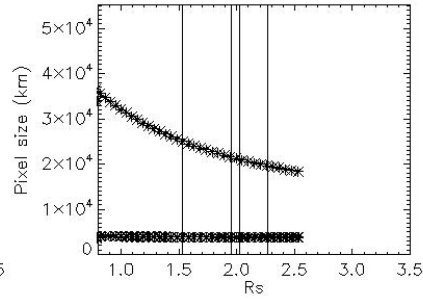
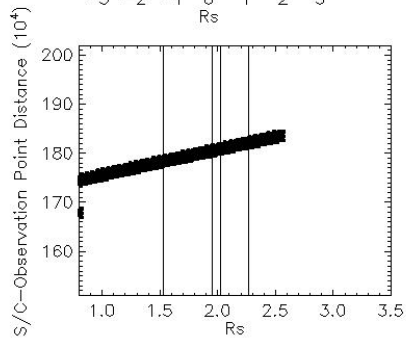


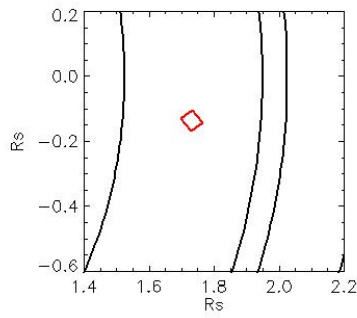
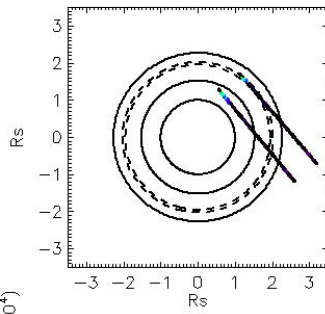
Observation Name:
UVIS_178RLAPOMOSAIC001_VIMS

Observation Date:
2012_365_08_09_44

Observation Duration:
1500 S

Integration time = 150 S



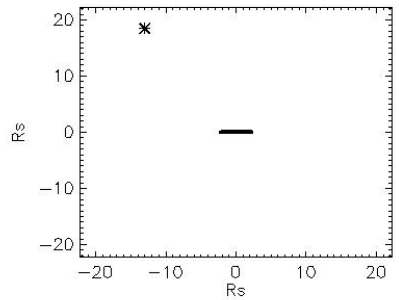
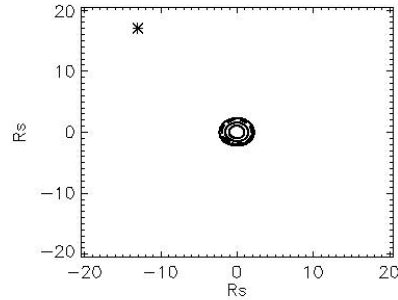
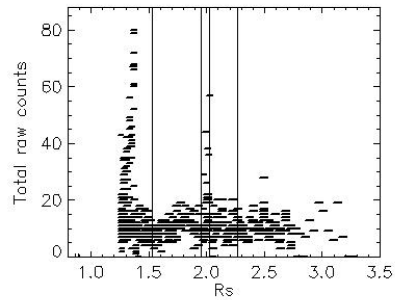
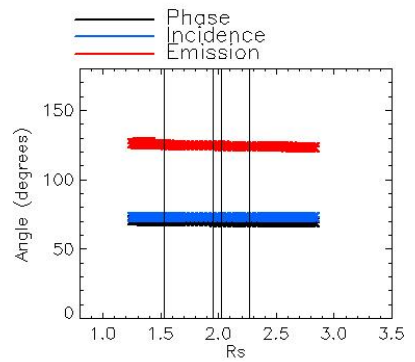
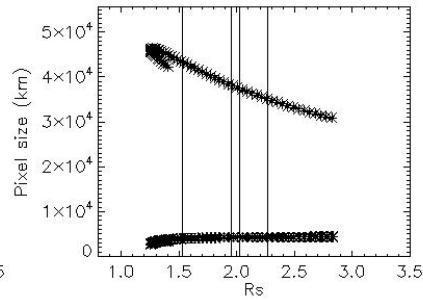
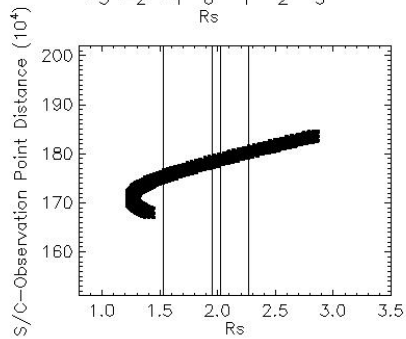


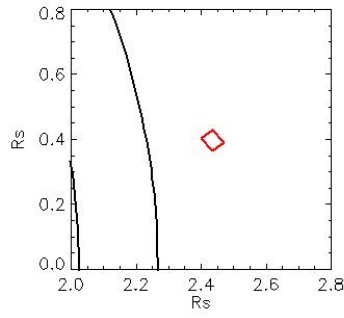
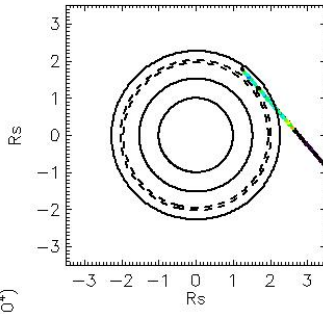
Observation Name:
UVIS_178RLAPOMOSAIC001_VIMS

Observation Date:
2012_365_08_36_20

Observation Duration:
1500 S

Integration time = 150 S



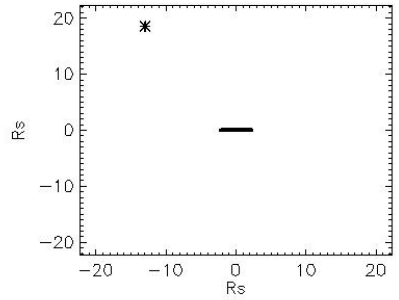
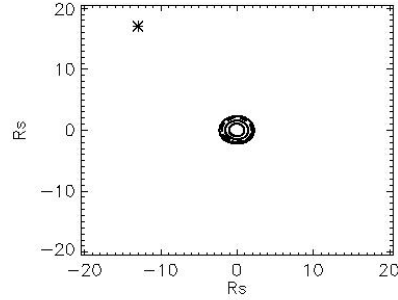
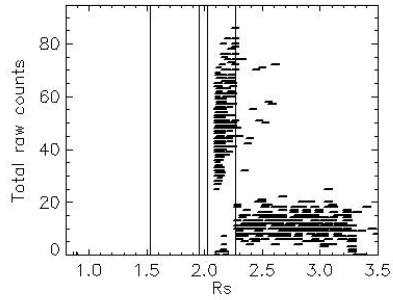
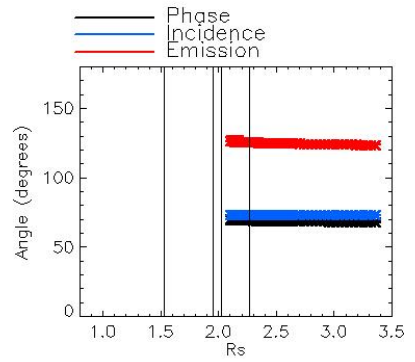
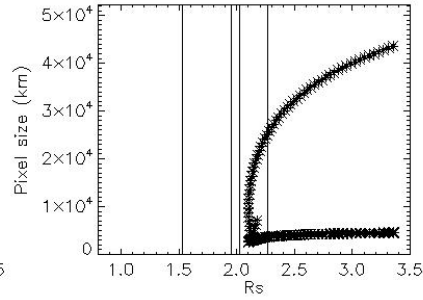
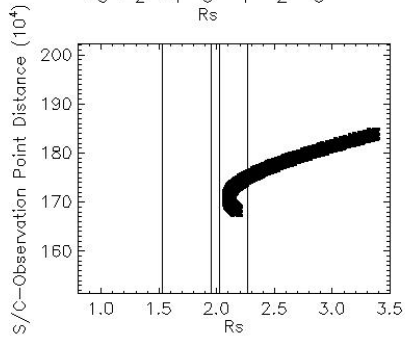


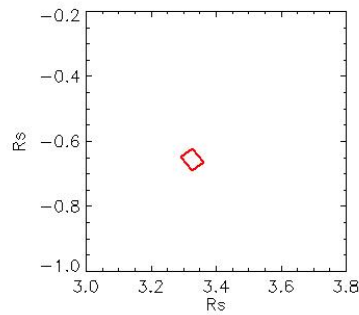
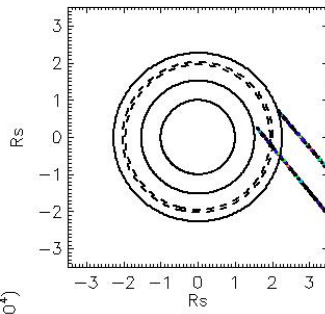
Observation Name:
UVIS_178RLAPOMOSAIC001_VIMS

Observation Date:
2012_365_09_02_56

Observation Duration:
1500 S

Integration time = 150 S



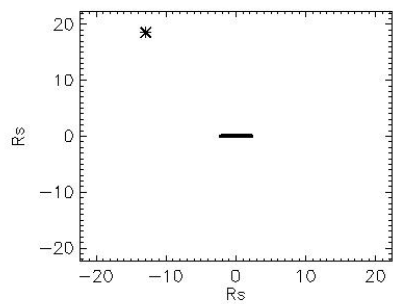
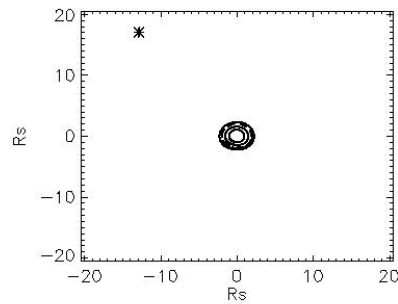
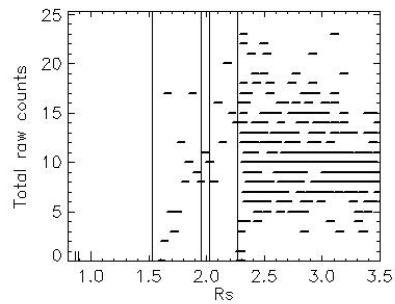
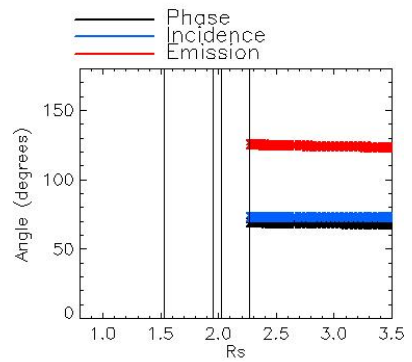
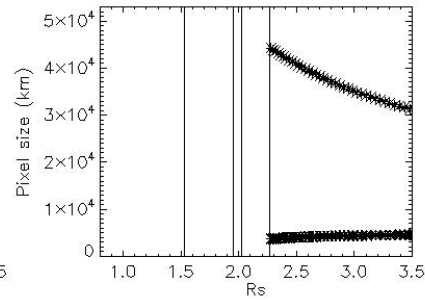
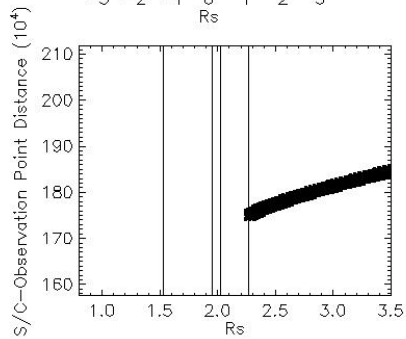


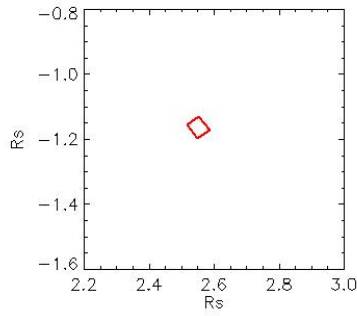
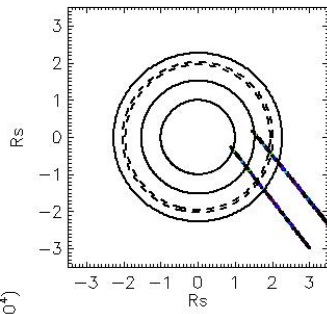
Observation Name:
UVIS_178RLAPOMOSAIC001_VIMS

Observation Date:
2012_365_09_30_13

Observation Duration:
1500 S

Integration time = 150 S



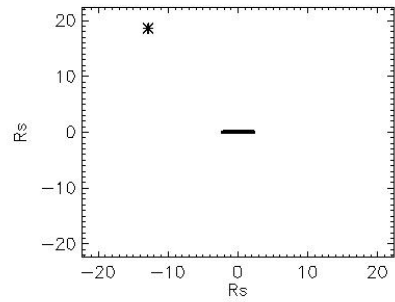
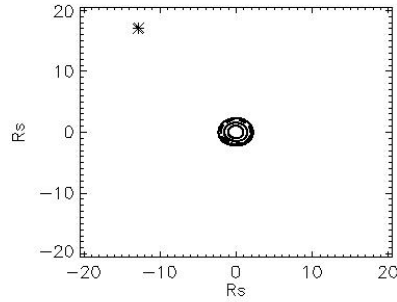
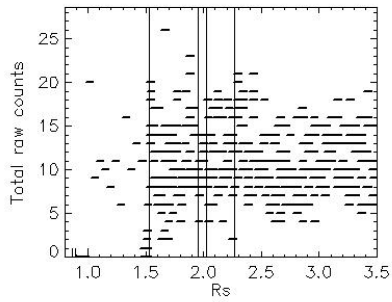
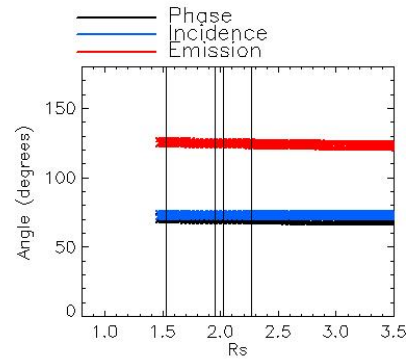
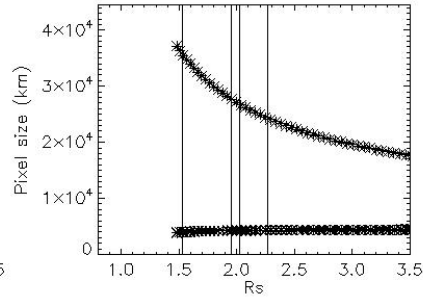
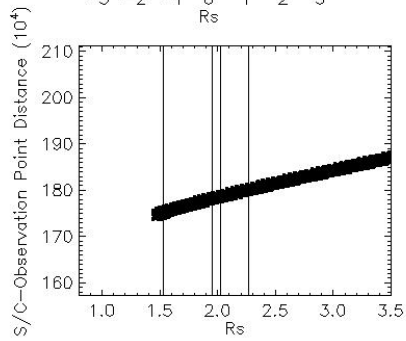


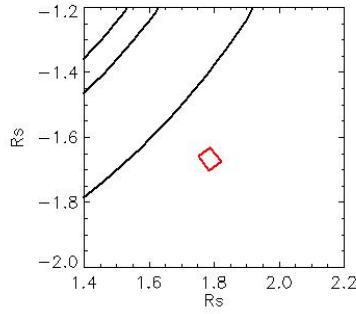
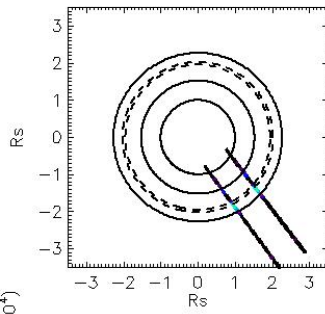
Observation Name:
UVIS_178RLAPOMOSAIC001_VIMS

Observation Date:
2012_365_09_56_49

Observation Duration:
1500 S

Integration time = 150 S



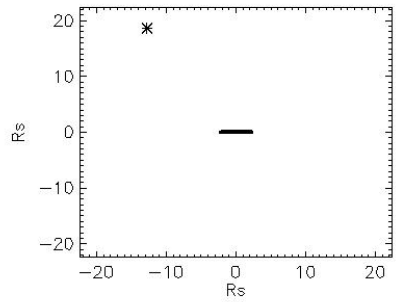
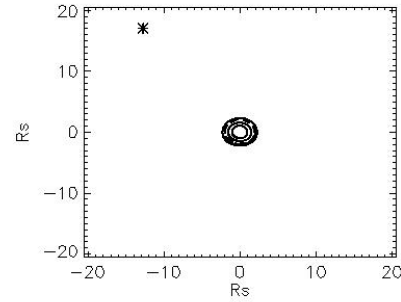
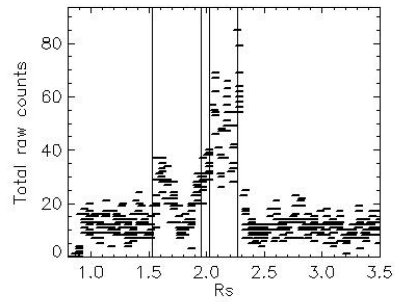
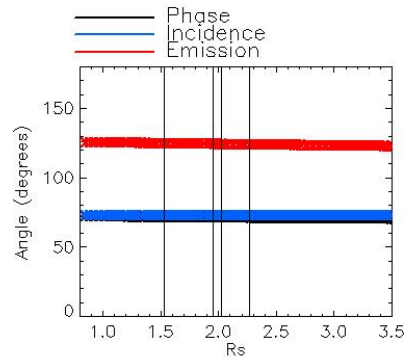
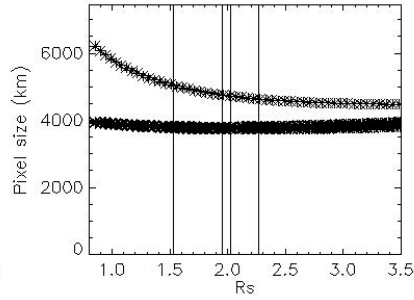
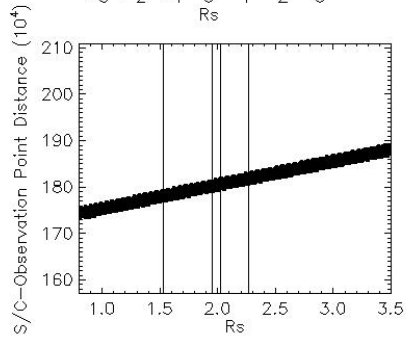


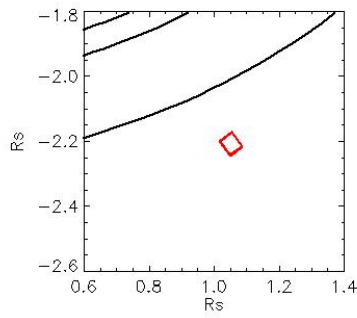
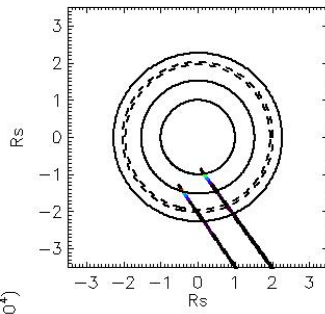
Observation Name:
UVIS_178RLAPOMOSAIC001_VIMS

Observation Date:
2012_365_10_23_25

Observation Duration:
1500 S

Integration time = 150 S



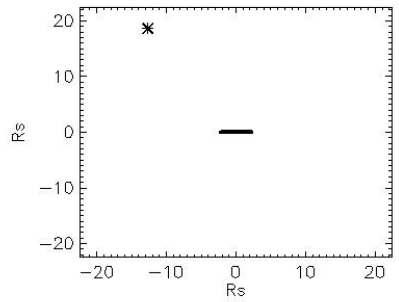
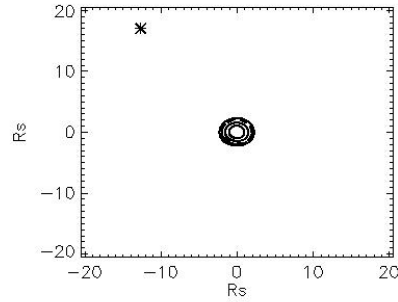
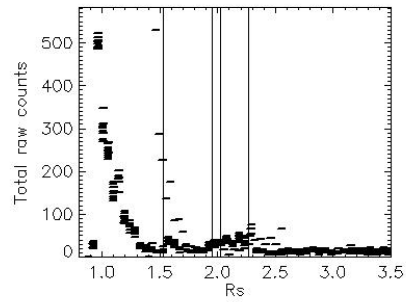
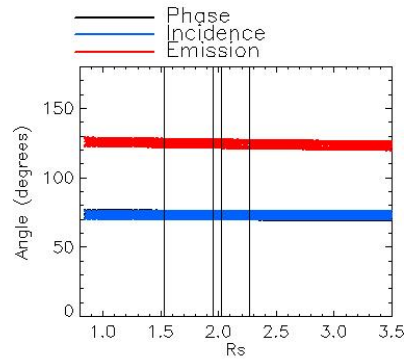
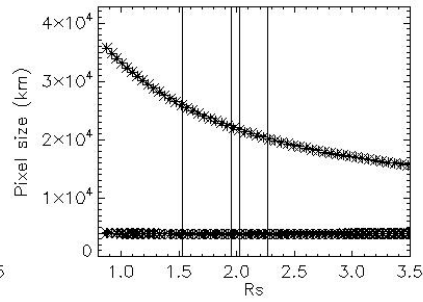
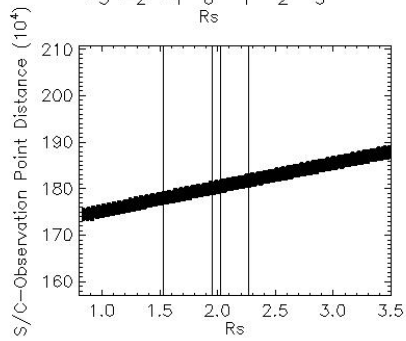


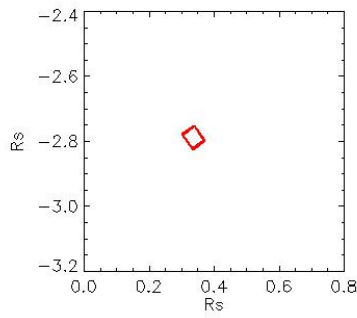
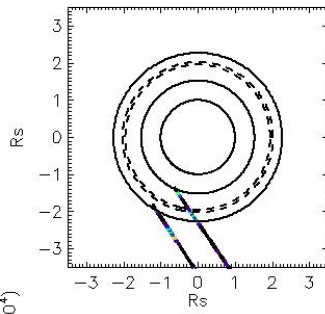
Observation Name:
UVIS_178RLAPOMOSAIC001_VIMS

Observation Date:
2012_365_10_50_01

Observation Duration:
1500 S

Integration time = 150 S



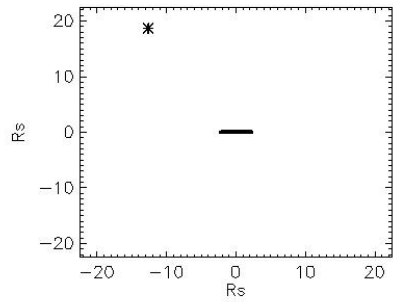
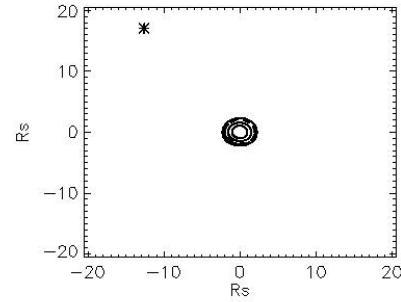
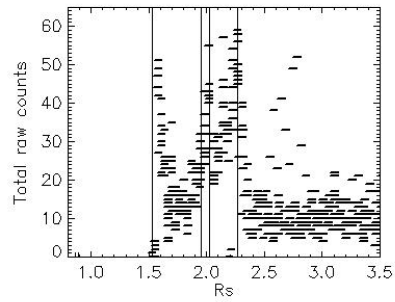
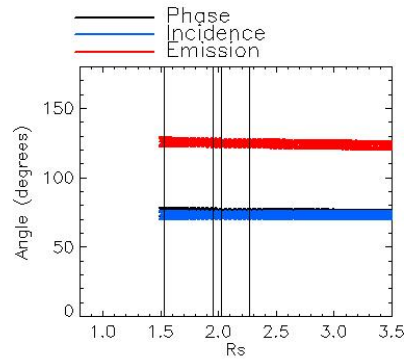
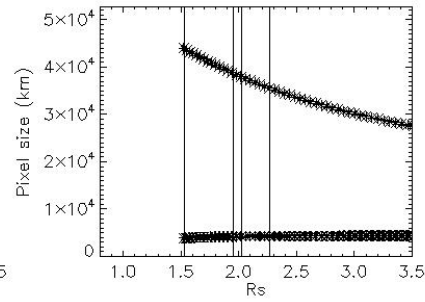
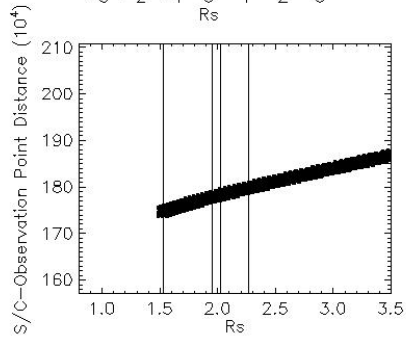


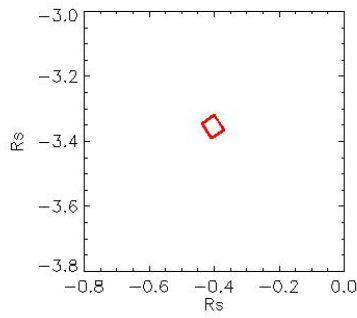
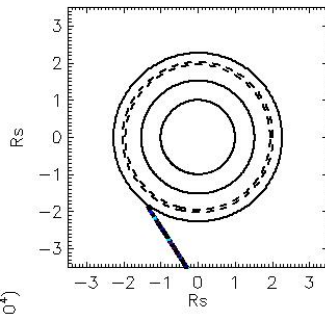
Observation Name:
UVIS_178RLAPOMOSAIC001_VIMS

Observation Date:
2012_365_11_16_37

Observation Duration:
1500 S

Integration time = 150 S





Observation Name:
UVIS_178RLAPOMOSAIC001_VIMS

Observation Date:
2012_365_11_43_13

Observation Duration:
4800 S

Integration time = 150 S

