

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.

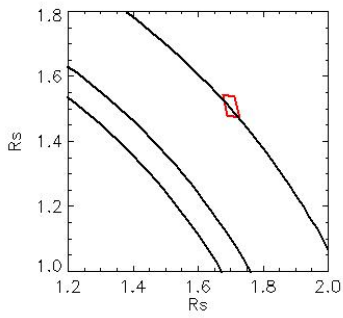
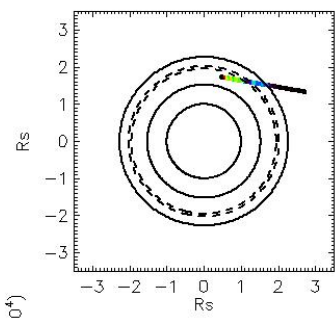
Middle center: Maximum projected smeared pixel size for all data records plotted against the radial location of the projected pixel at the middle of the integration period.

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

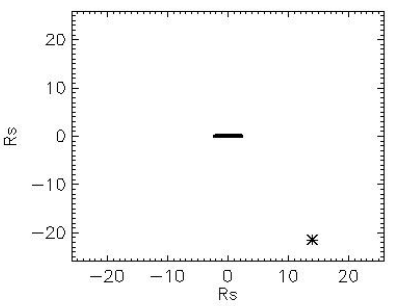
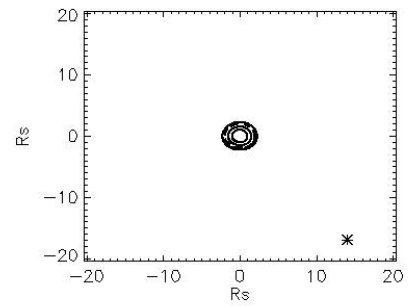
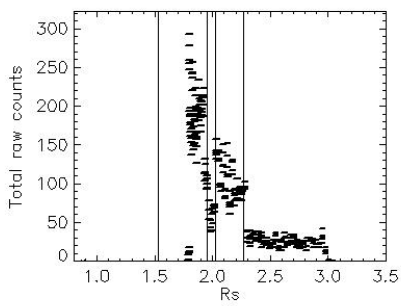
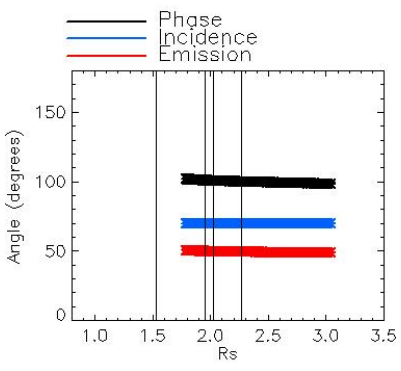
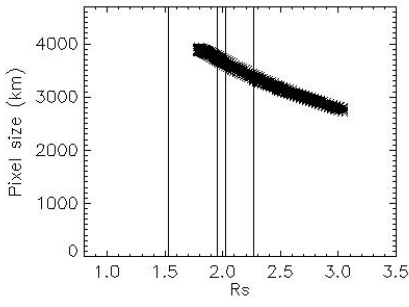
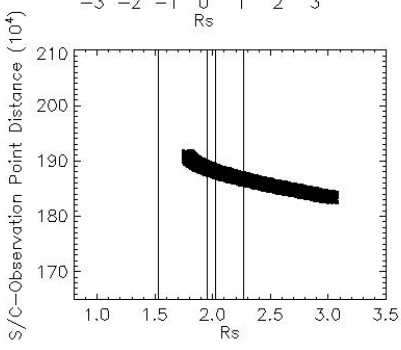
Bottom left: Total raw counts from 175.2 – 189.8 nm for each pixel for all data records.

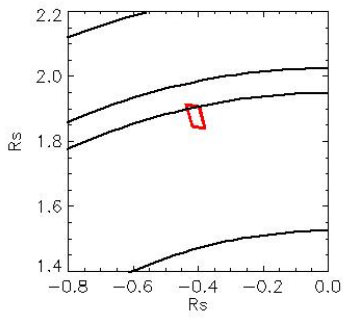
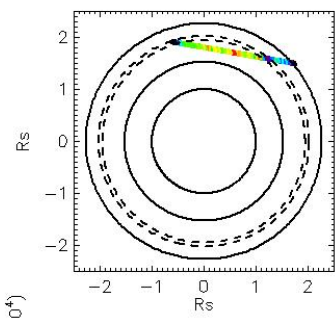
Bottom center: Location of spacecraft throughout an observation looking down on Saturn North Pole with the Sun to the left.

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



Observation Name:
 UVS_198RLAPOMOSAIC003_VIMS
 Observation Date:
 2013_281_02_03_44
 Observation Duration:
 1500 S
 Integration time = 300 S



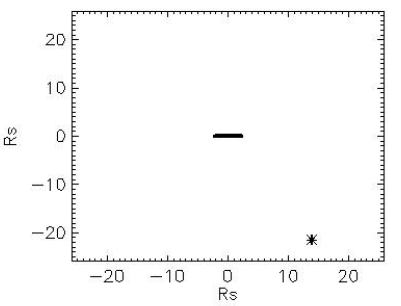
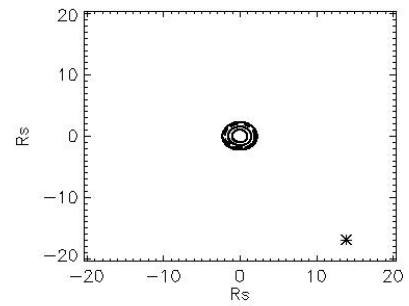
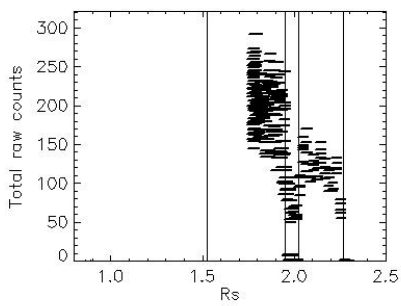
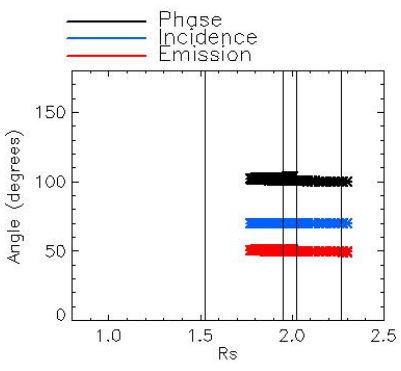
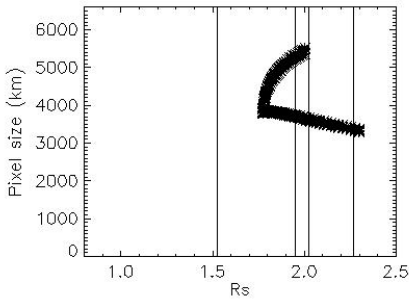
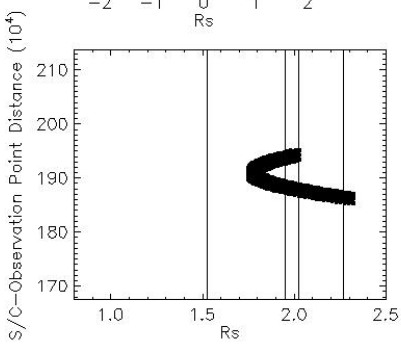


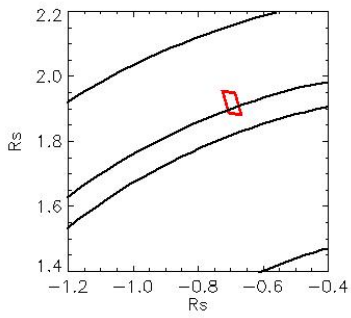
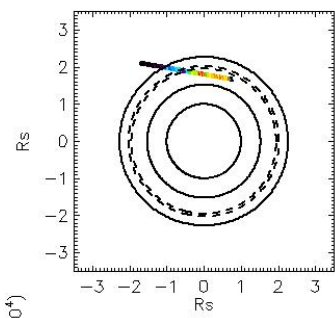
Observation Name:
UVS_198RLAPOMOSAIC003_VIMS

Observation Date:
2013_281_02_32_40

Observation Duration:
1500 S

Integration time = 300 S



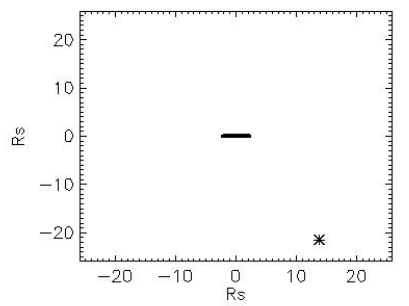
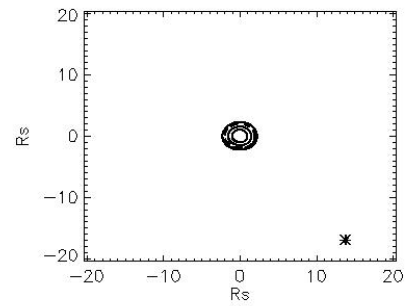
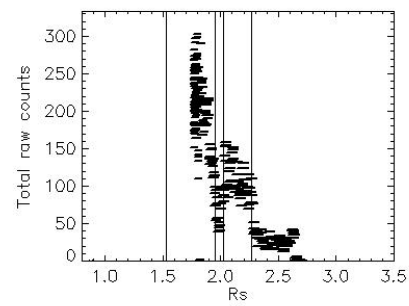
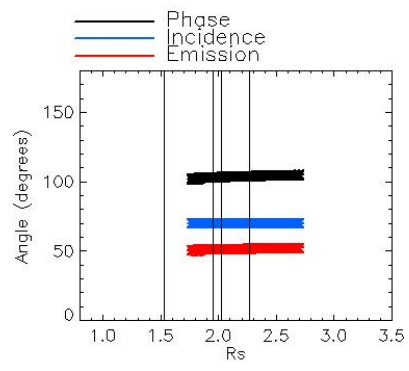
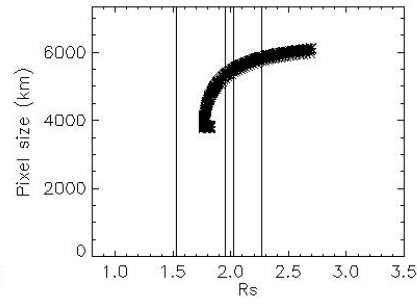
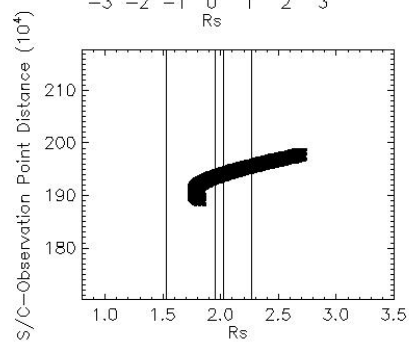


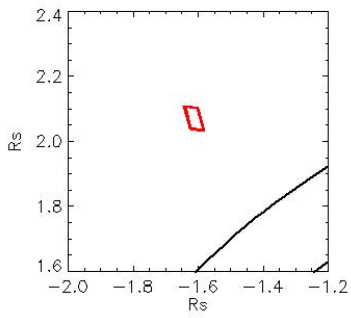
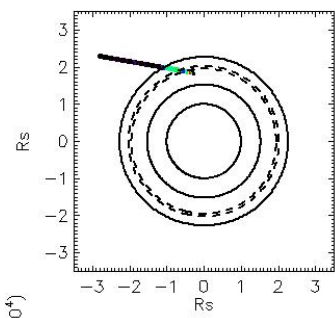
Observation Name:
UMS_198RLAPOMOSAIC003_VIMS

Observation Date:
2013_281_03_01_36

Observation Duration:
1500 S

Integration time = 300 S



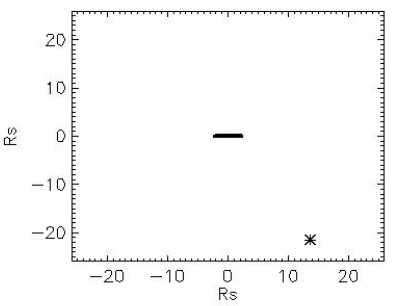
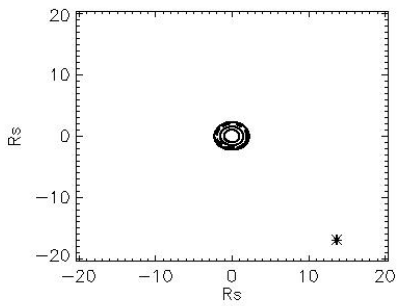
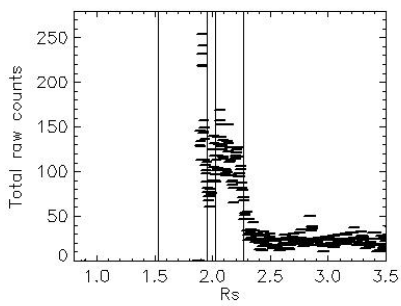
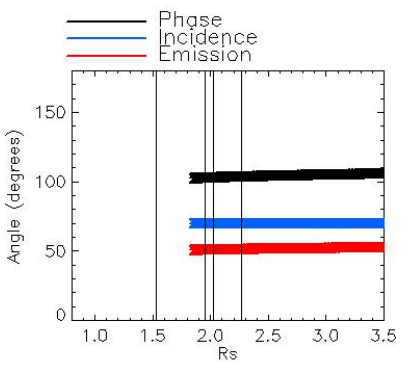
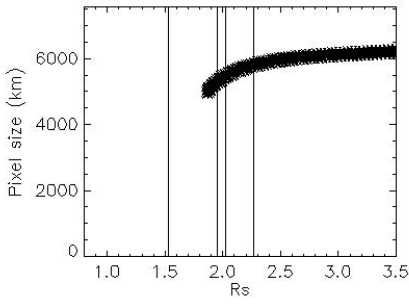
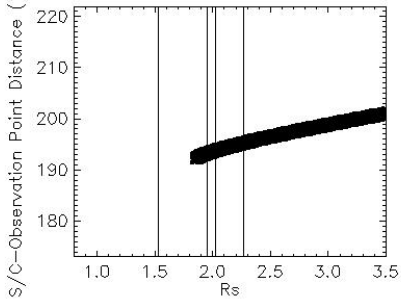


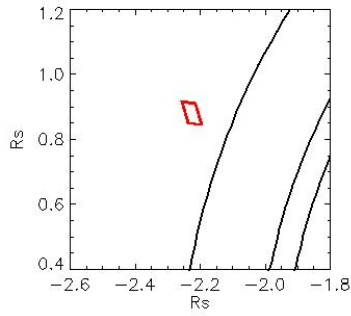
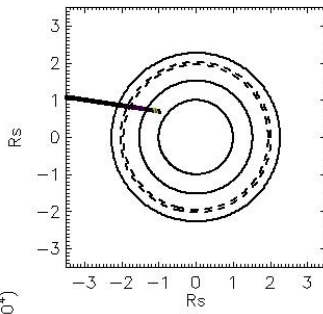
Observation Name:
UMS_198RLAPOMOSAIC003_VIMS

Observation Date:
2013_281_03_30_32

Observation Duration:
1500 S

Integration time = 300 S



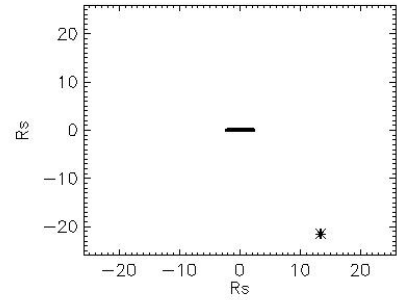
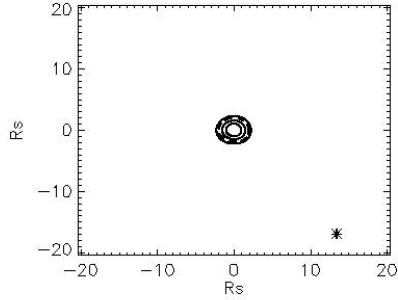
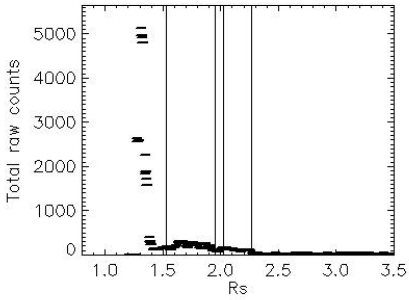
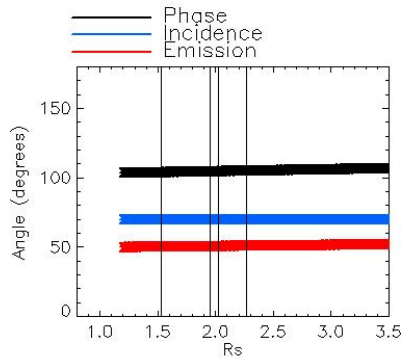
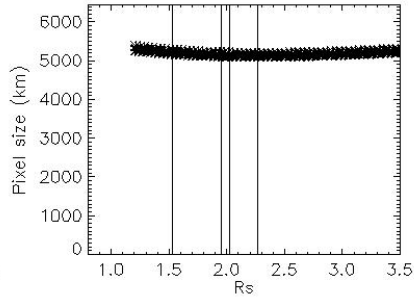
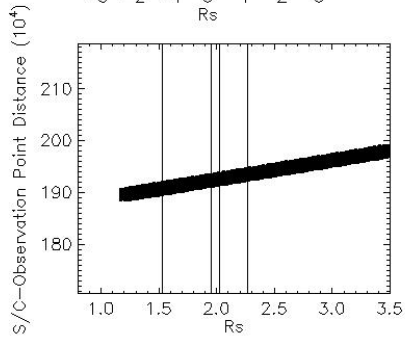


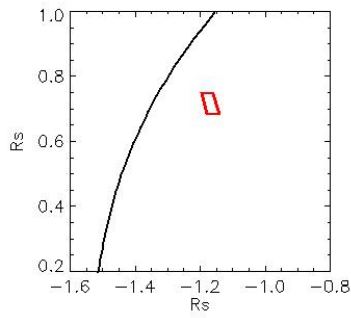
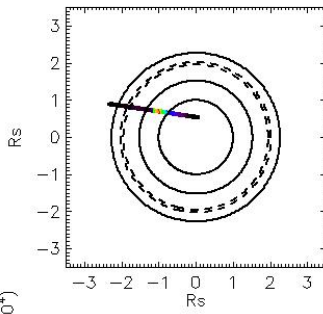
Observation Name:
UVS_198RLAPOMOSAIC003_VIMS

Observation Date:
2013_281_04_28_22

Observation Duration:
1500 S

Integration time = 300 S



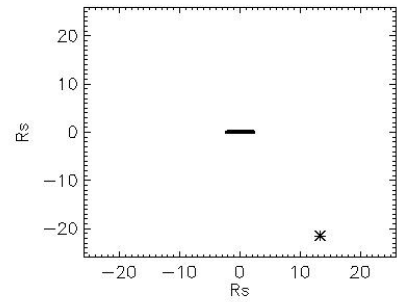
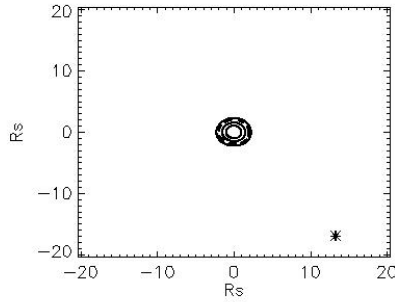
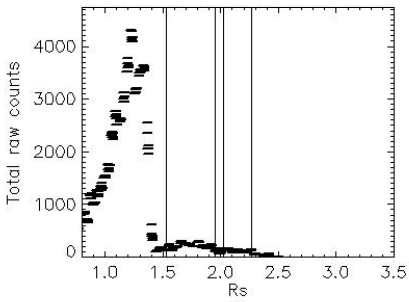
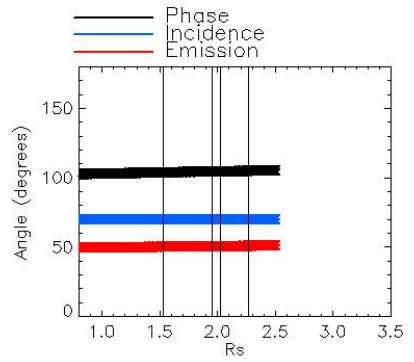
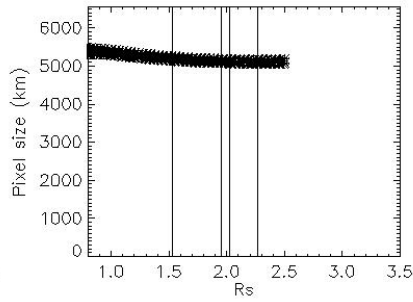
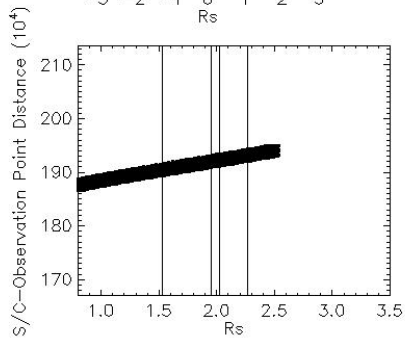


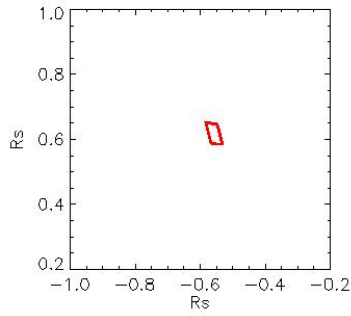
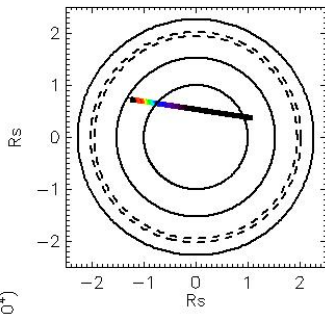
Observation Name:
UVS_198RLAPOMOSAIC003_VIMS

Observation Date:
2013_281_04_57_18

Observation Duration:
1500 S

Integration time = 300 S





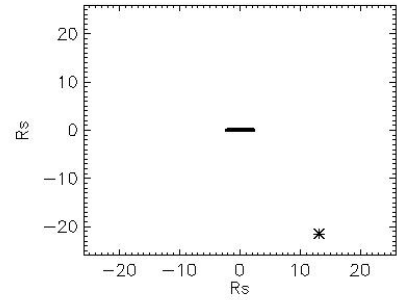
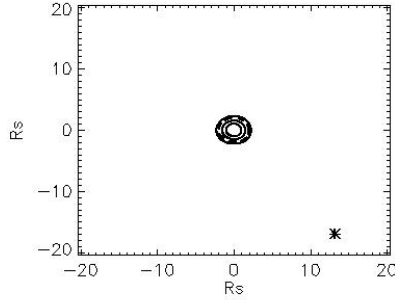
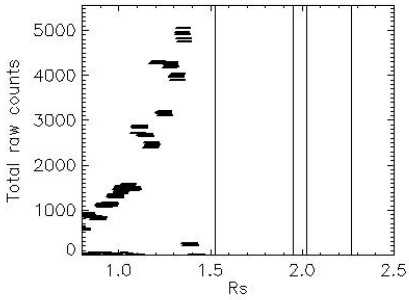
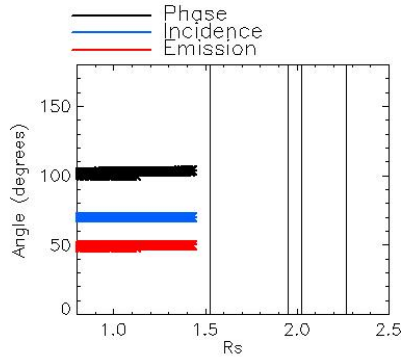
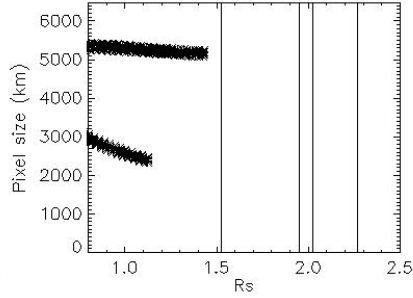
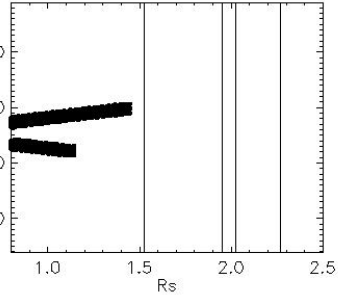
Observation Name:
UMS_198RLAPOMOSAIC003_VIMS

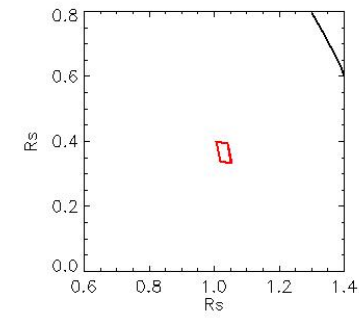
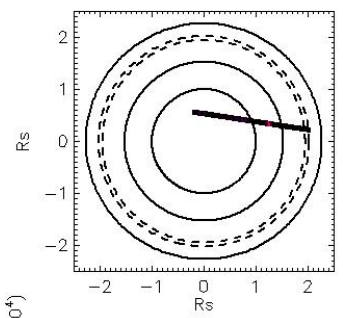
Observation Date:
2013_281_05_26_14

Observation Duration:
1500 S

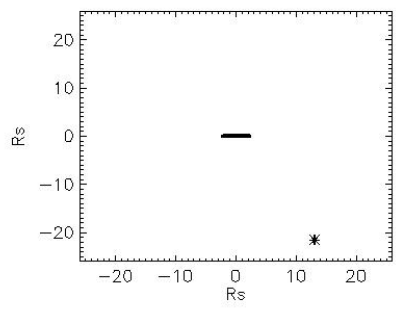
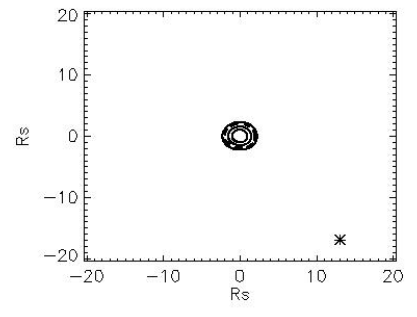
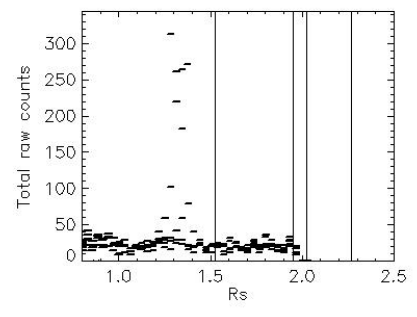
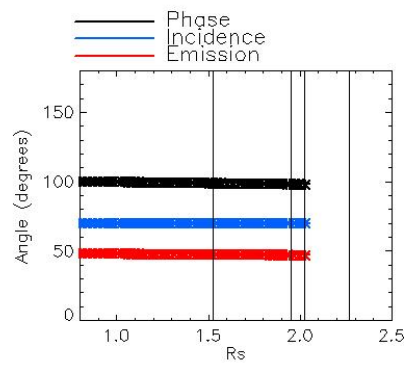
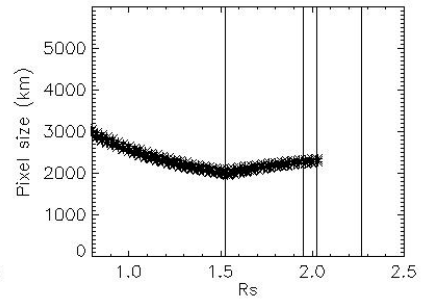
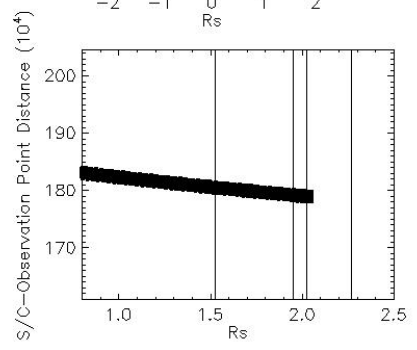
Integration time = 300 S

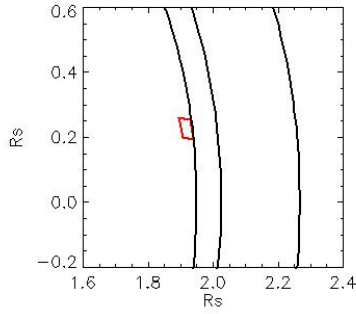
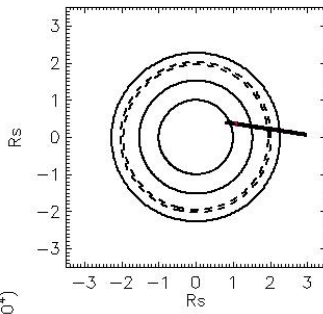
S/C-Observation Point Distance (10^4)





Observation Name:
 UVS_198RLAPOMOSAIC003_VIMS
 Observation Date:
 2013_281_05_55_10
 Observation Duration:
 1500 S
 Integration time = 300 S



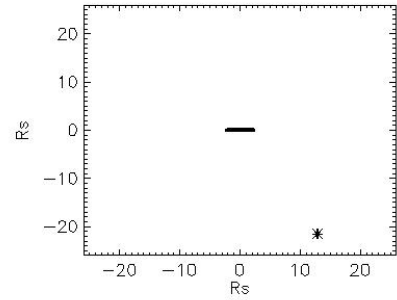
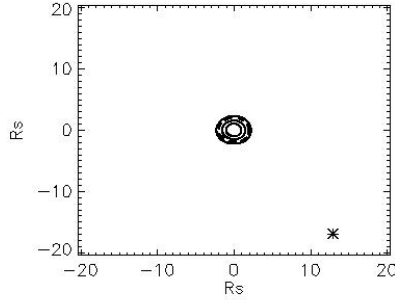
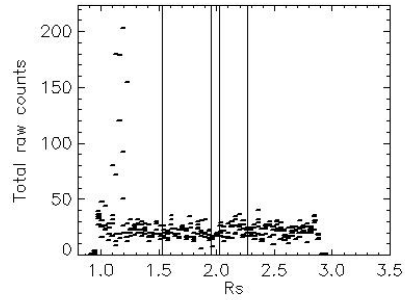
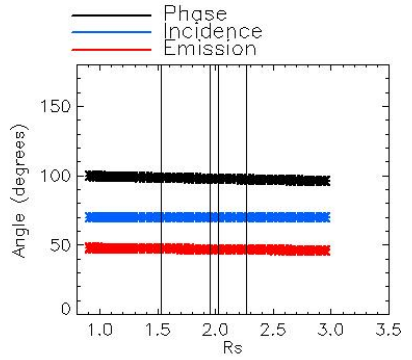
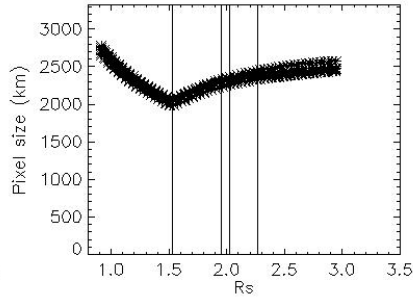
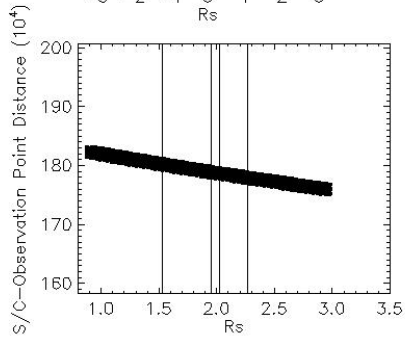


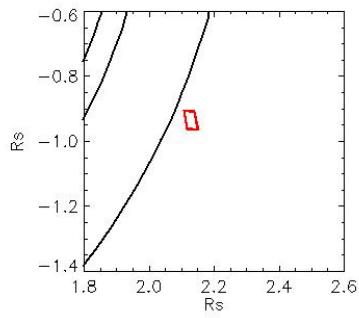
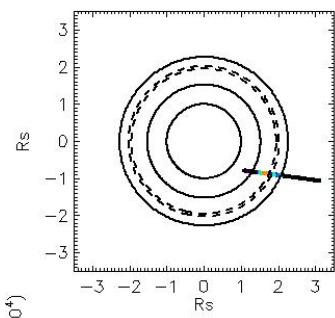
Observation Name:
UMS_198RLAPOMOSAIC003_VIMS

Observation Date:
2013_281_06_24_06

Observation Duration:
1500 S

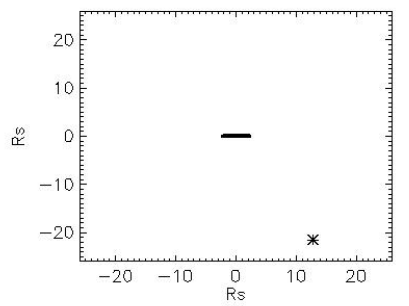
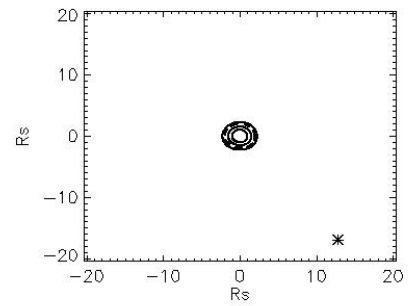
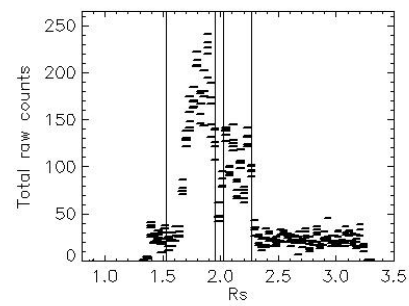
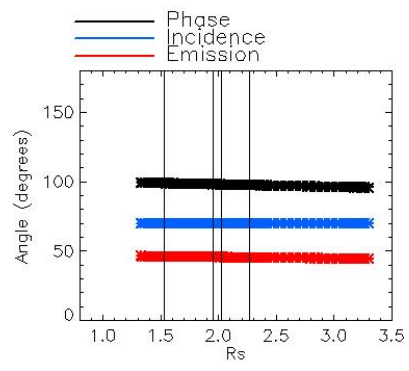
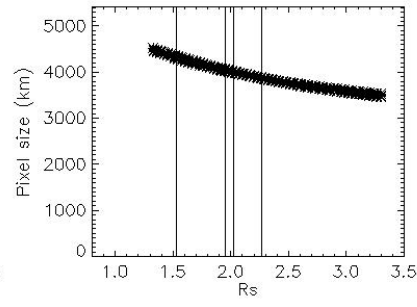
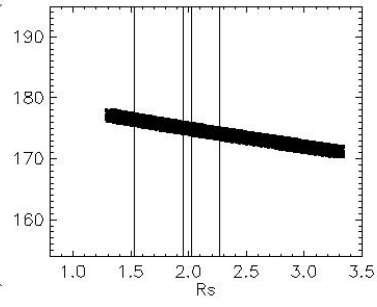
Integration time = 300 S

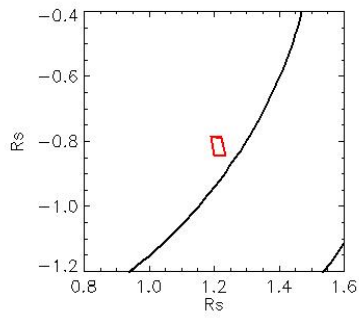
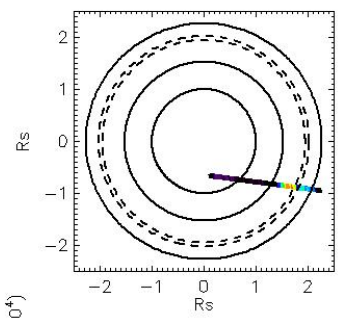




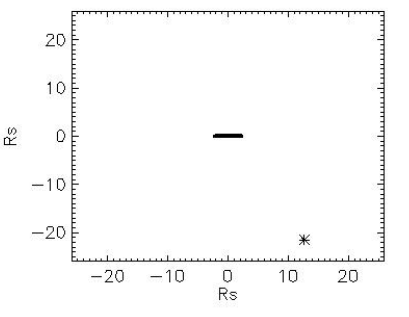
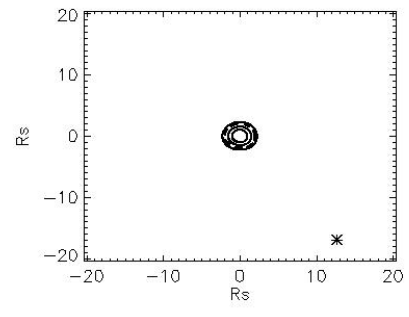
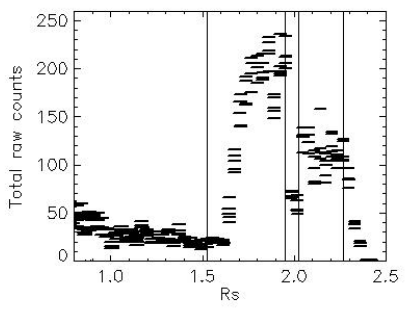
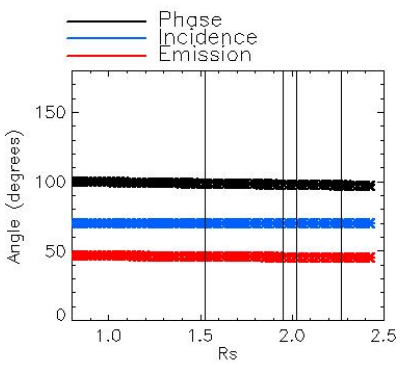
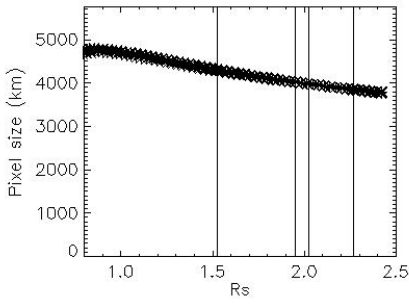
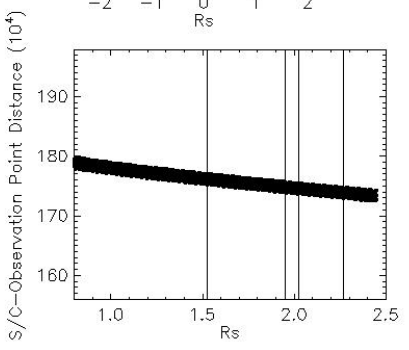
Observation Name:
 UVS_198RLAPOMOSAIC003_VIMS
 Observation Date:
 2013_281_06_53_00
 Observation Duration:
 1500 S
 Integration time = 300 S

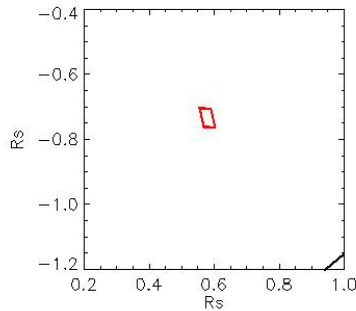
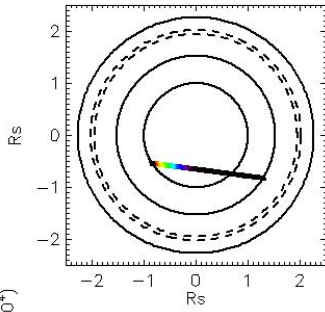
S/C—Observation Point Distance (10^4)





Observation Name:
 UVS_198RLAPOMOSAIC003_VIMS
 Observation Date:
 2013_281_07_21_56
 Observation Duration:
 1500 S
 Integration time = 300 S



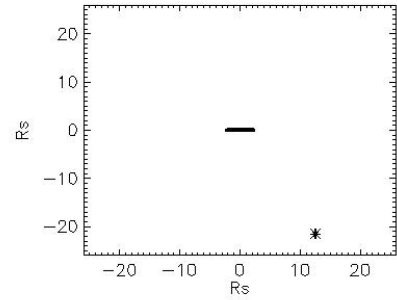
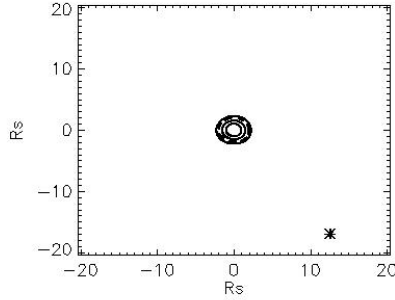
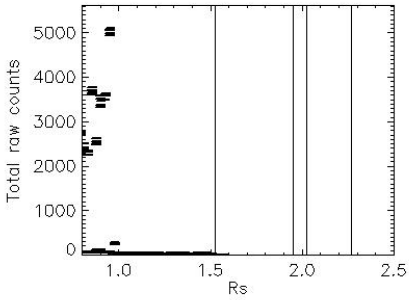
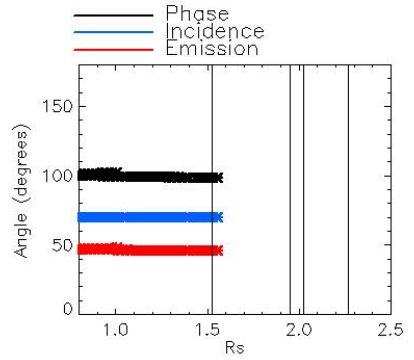
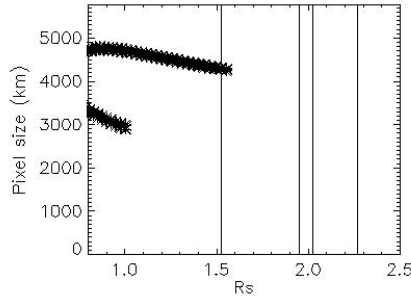
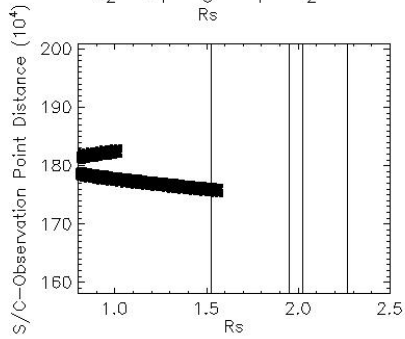


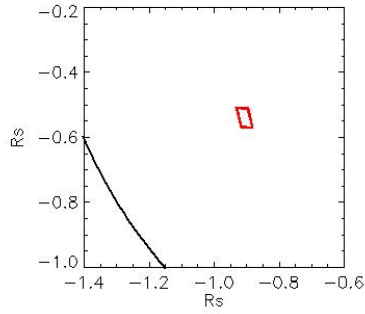
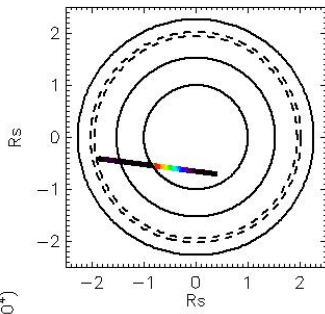
Observation Name:
UVIS_198RLAPOMOSAIC003_VIMS

Observation Date:
2013_281_07_50_52

Observation Duration:
1500 S

Integration time = 300 S



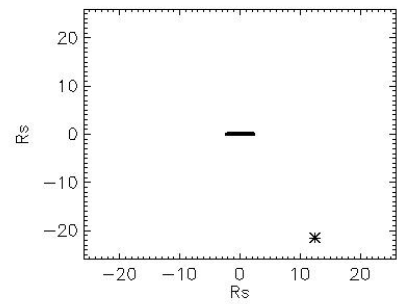
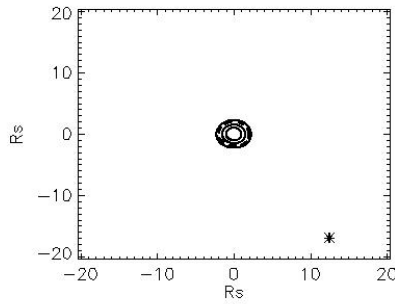
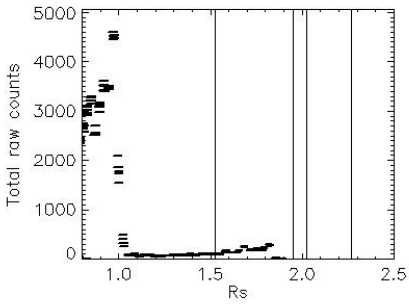
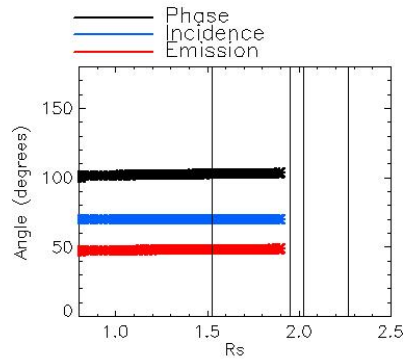
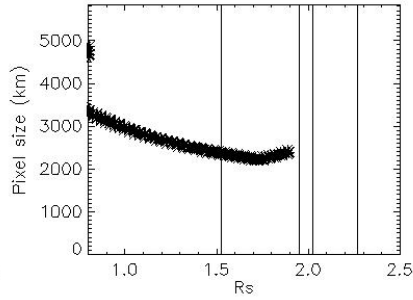
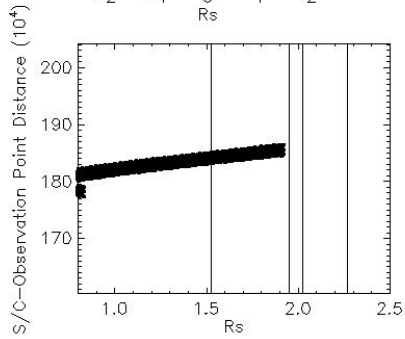


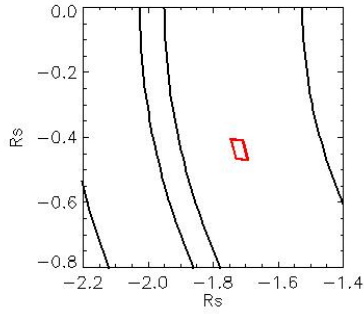
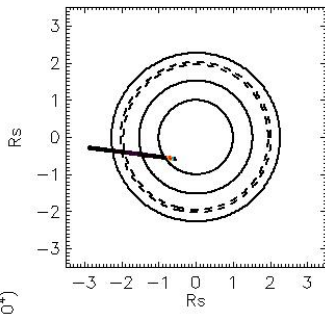
Observation Name:
UMS_198RLAPOMOSAIC003_VIMS

Observation Date:
2013_281_08_19_48

Observation Duration:
1500 S

Integration time = 300 S



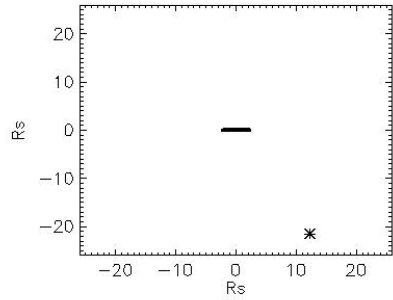
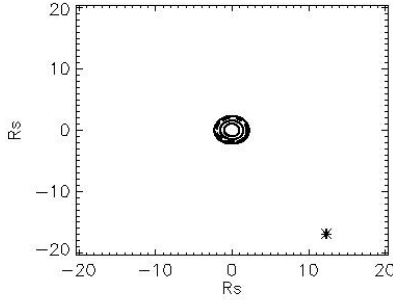
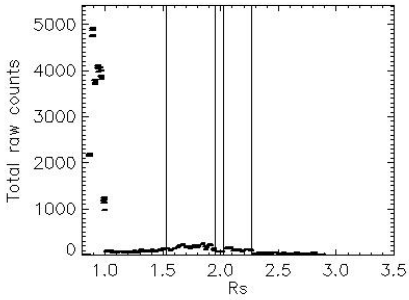
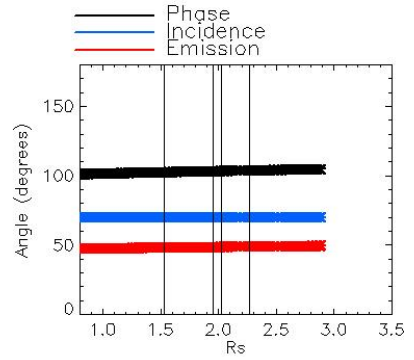
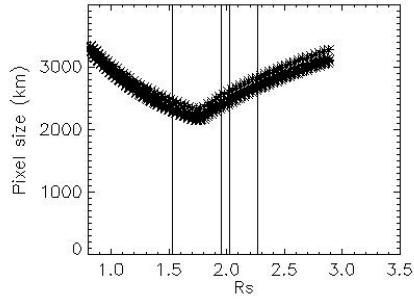
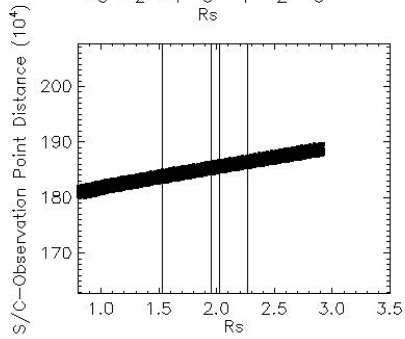


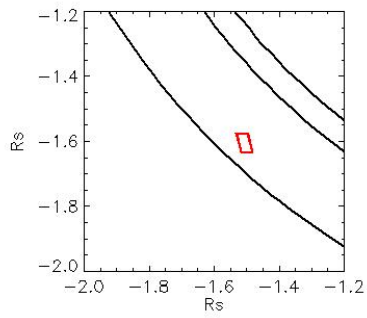
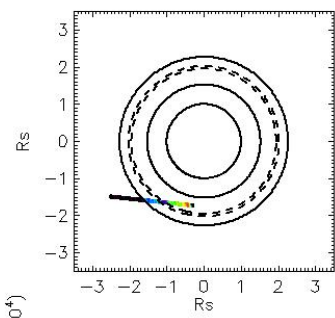
Observation Name:
UVS_198RLAPOMOSAIC003_VIMS

Observation Date:
2013_281_08_48_44

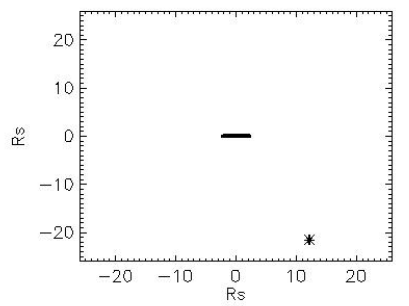
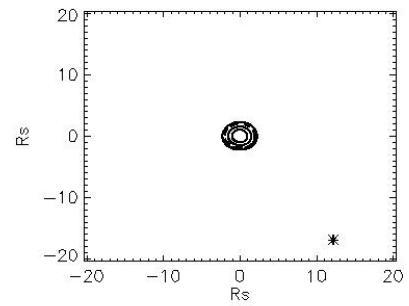
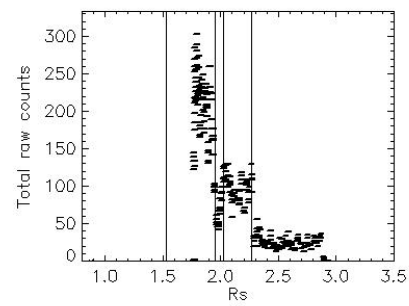
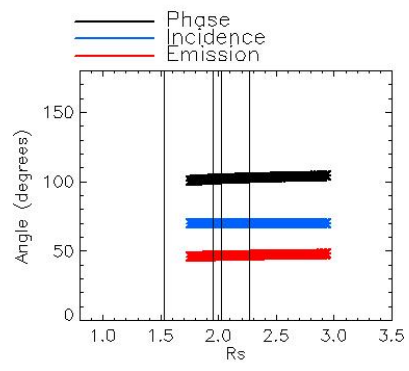
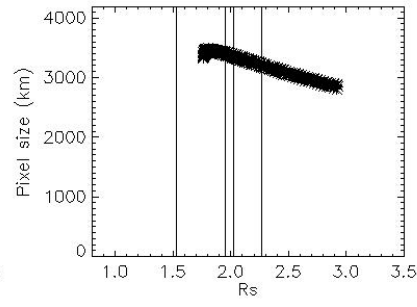
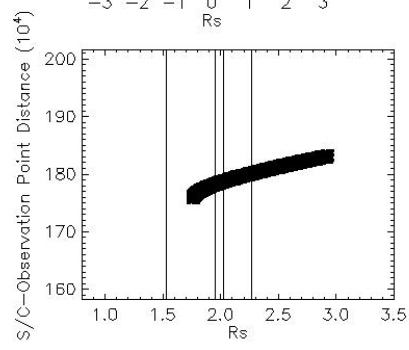
Observation Duration:
1500 S

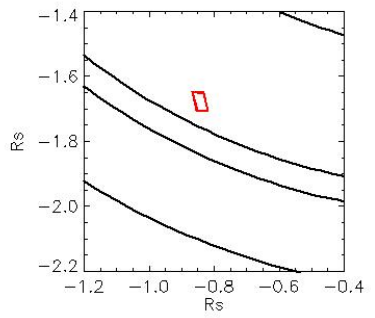
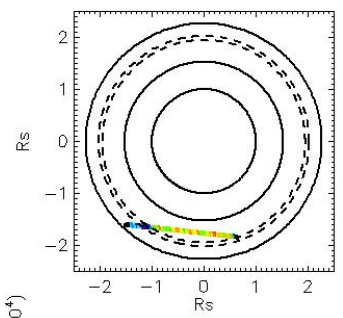
Integration time = 300 S



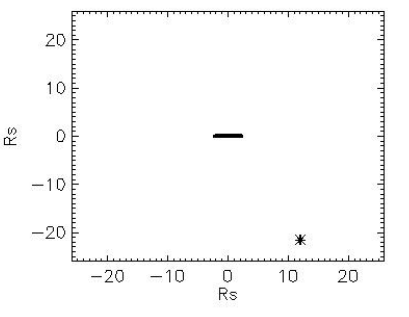
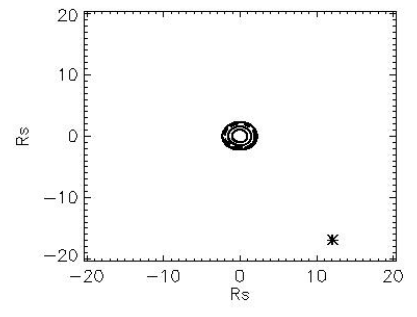
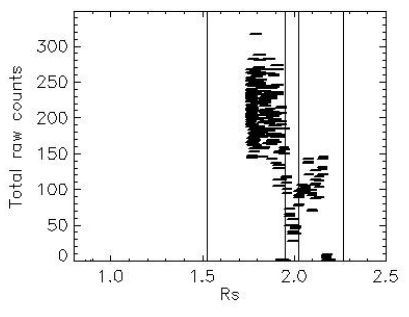
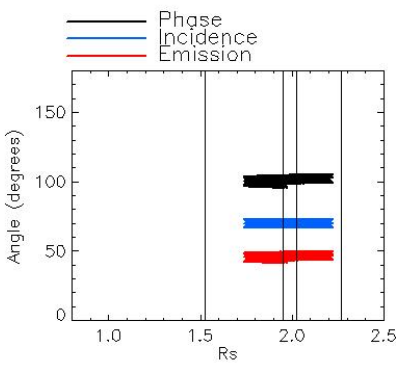
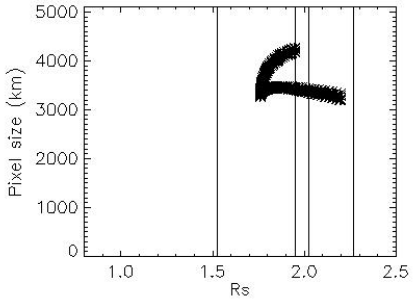
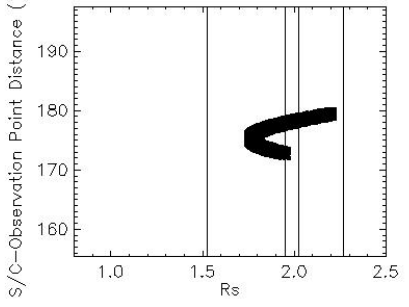


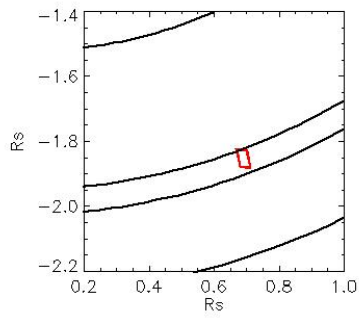
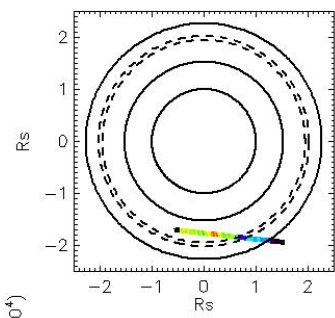
Observation Name:
 UVS_198RLAPOMOSAIC003_VIMS
 Observation Date:
 2013_281_09_17_38
 Observation Duration:
 1500 S
 Integration time = 300 S





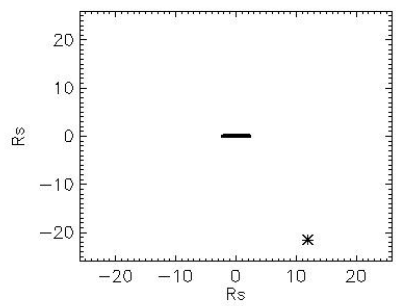
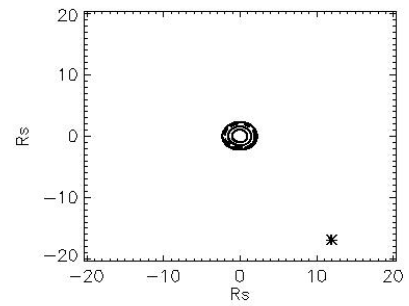
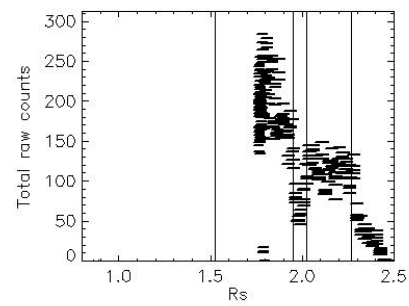
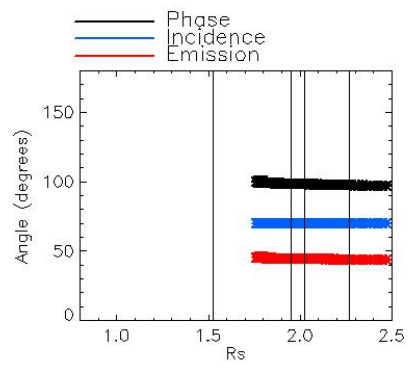
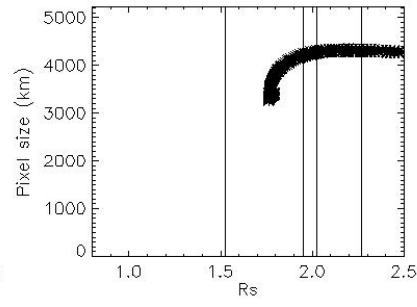
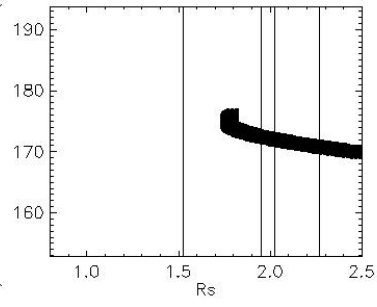
Observation Name:
 UVS_198RLAPOMOSAIC003_VIMS
 Observation Date:
 2013_281_09_46_34
 Observation Duration:
 1500 S
 Integration time = 300 S

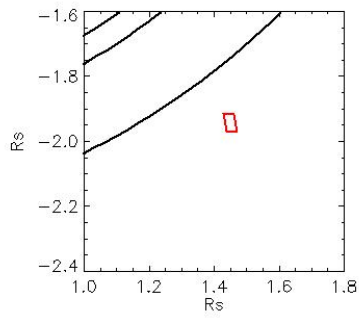
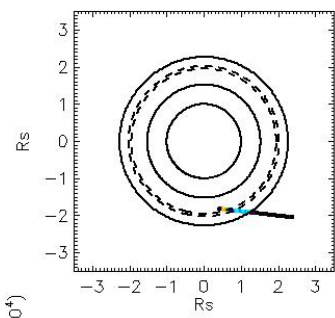




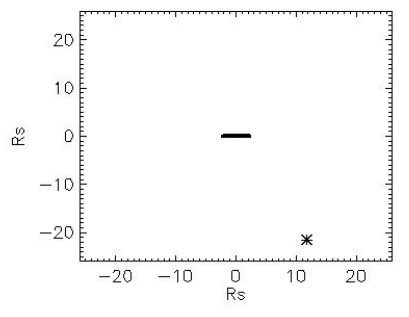
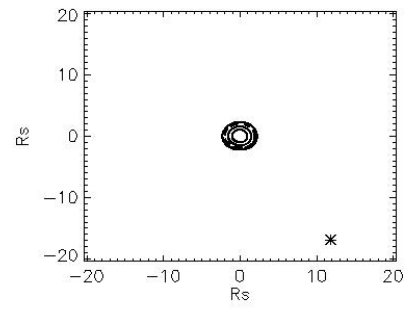
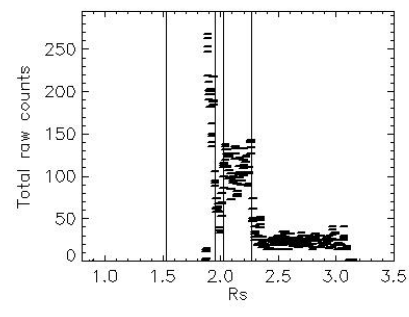
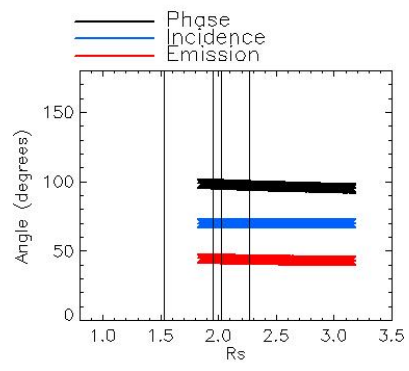
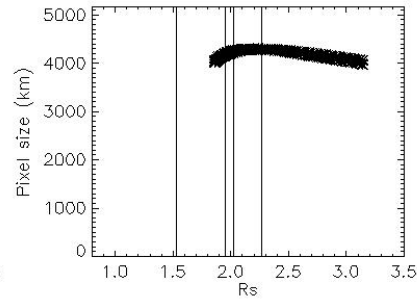
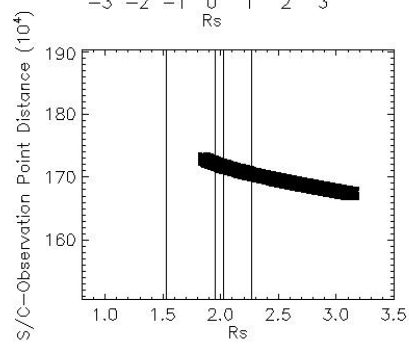
Observation Name:
 UVS_198RLAPOMOSAIC003_VIMS
 Observation Date:
 2013_281_10_15_30
 Observation Duration:
 1500 S
 Integration time = 300 S

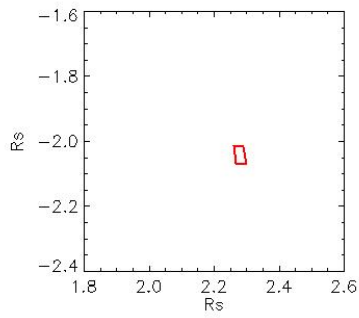
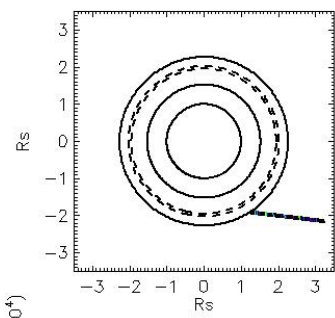
S/C—Observation Point Distance (10^4)



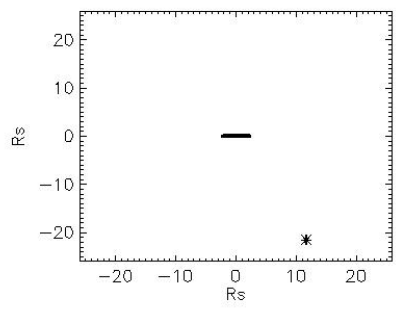
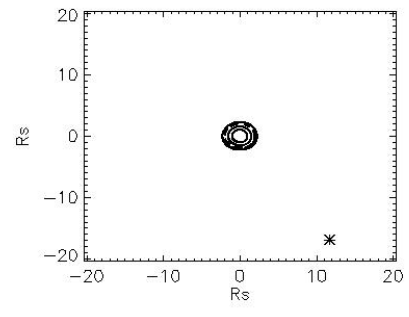
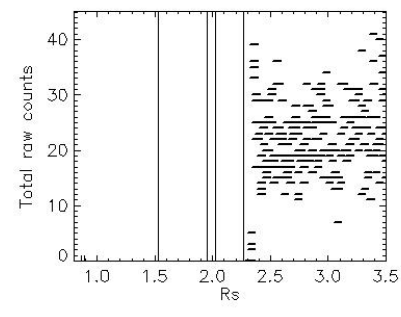
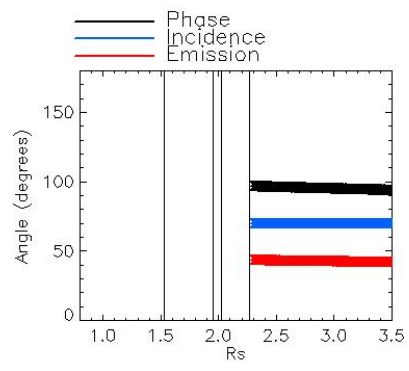
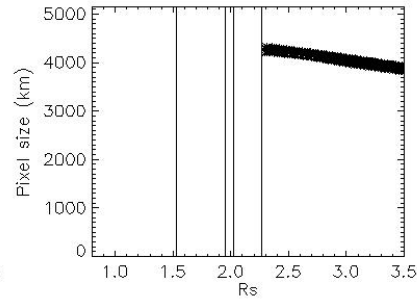
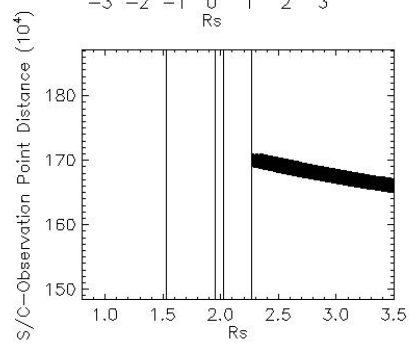


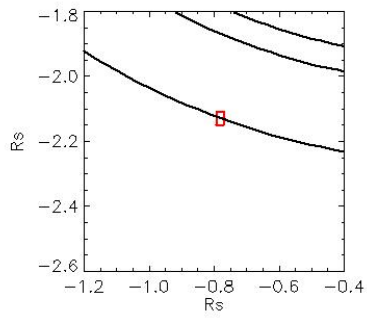
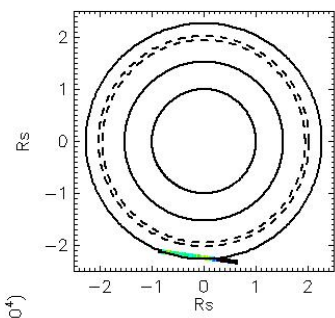
Observation Name:
 UVS_198RLAPOMOSAIC003_VIMS
 Observation Date:
 2013_281_10_44_26
 Observation Duration:
 1500 S
 Integration time = 300 S



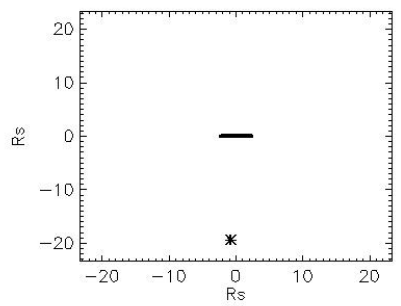
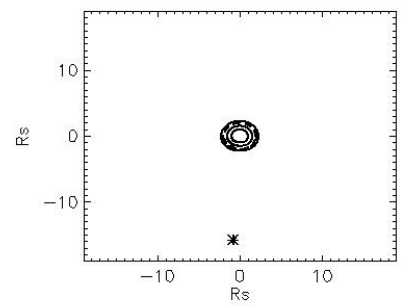
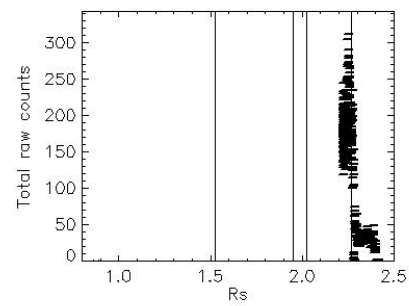
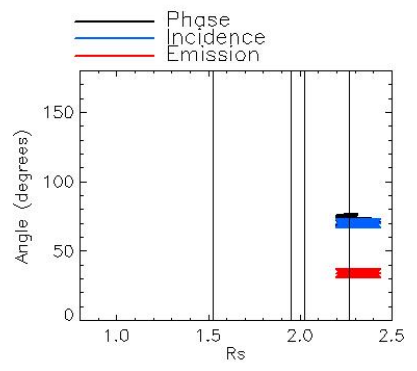
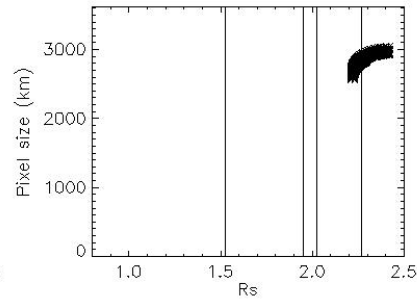
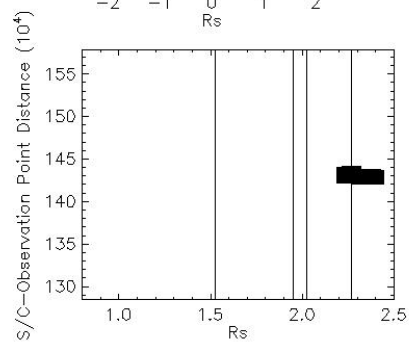


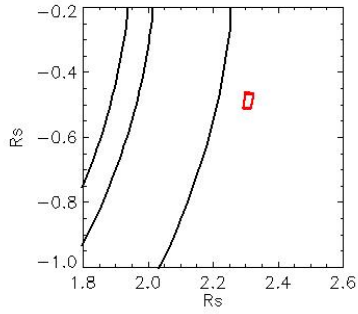
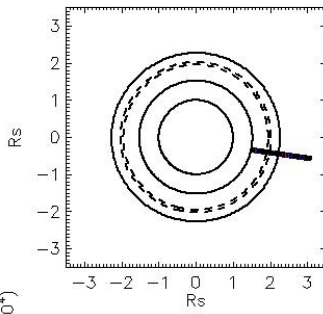
Observation Name:
 UVS_198RLAPOMOSAIC003_VIMS
 Observation Date:
 2013_281_11_13_22
 Observation Duration:
 1500 S
 Integration time = 300 S





Observation Name:
 UVS_198RLPROPRETRG002_ISS
 Observation Date:
 2013_283_07_20_03
 Observation Duration:
 2100 S
 Integration time = 300 S



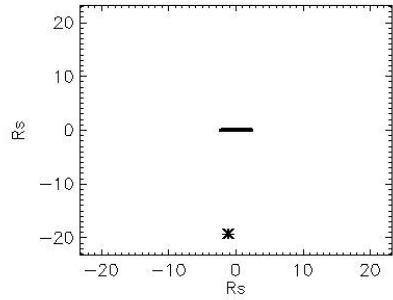
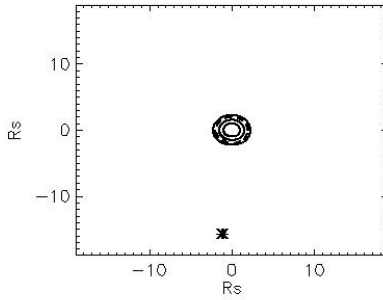
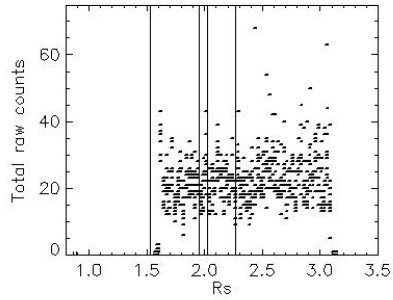
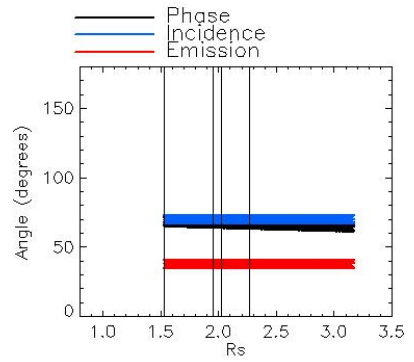
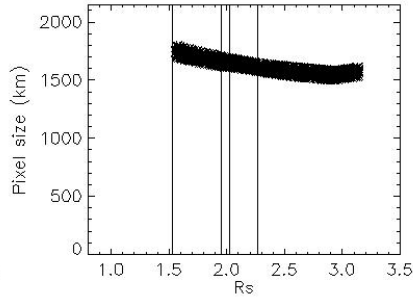
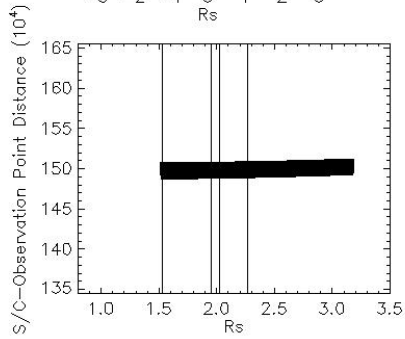


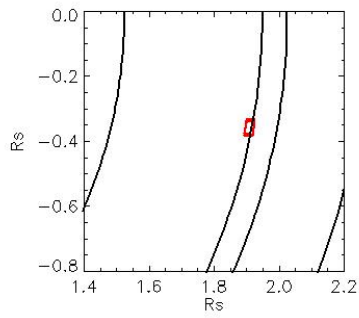
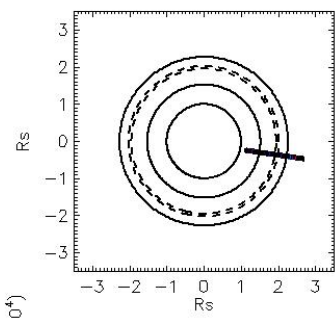
Observation Name:
UMS_198RLATPHASE01_VIMS

Observation Date:
2013_283_08_09_02

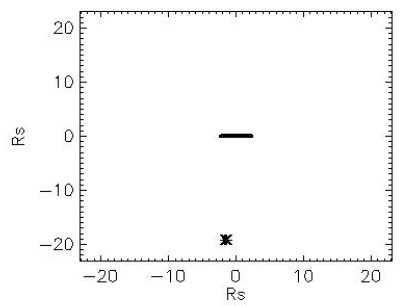
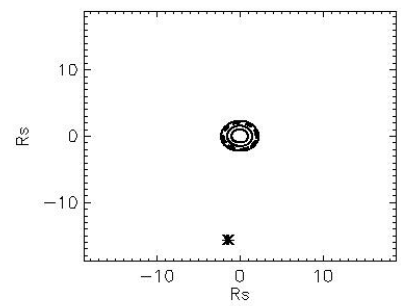
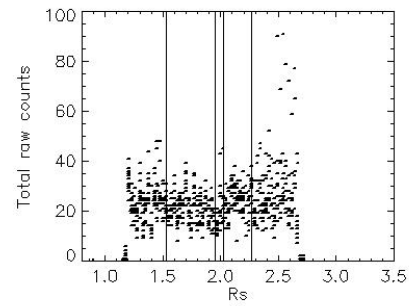
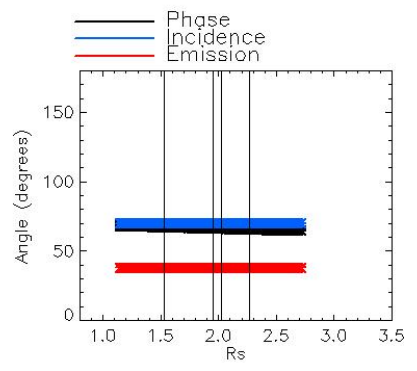
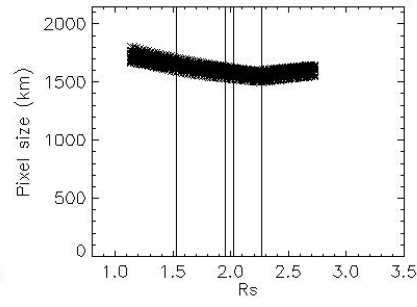
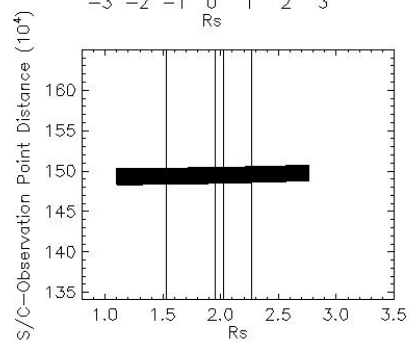
Observation Duration:
3300 S

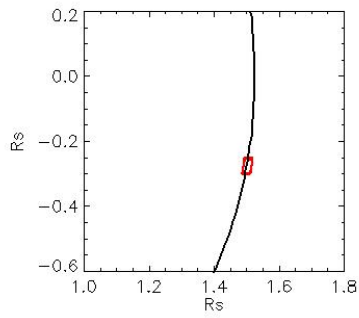
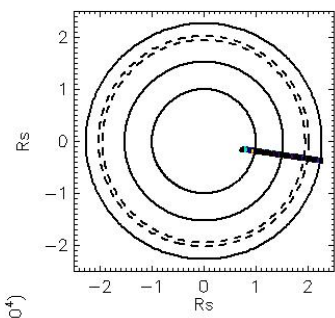
Integration time = 300 S



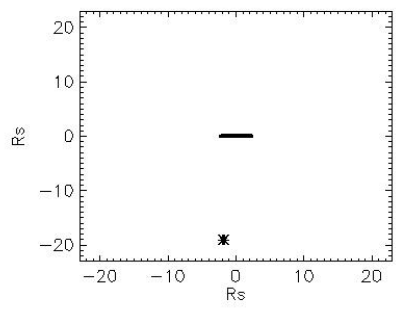
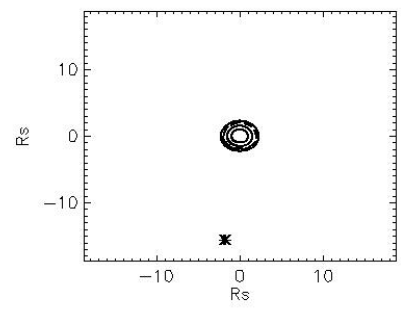
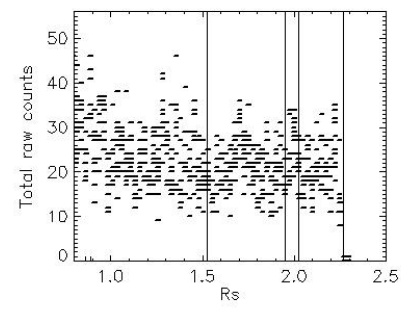
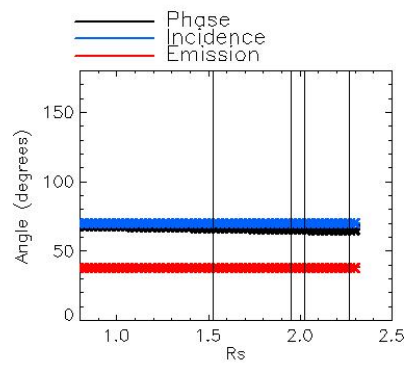
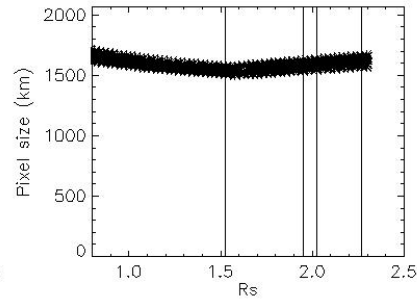
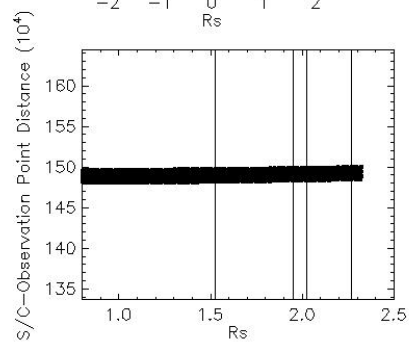


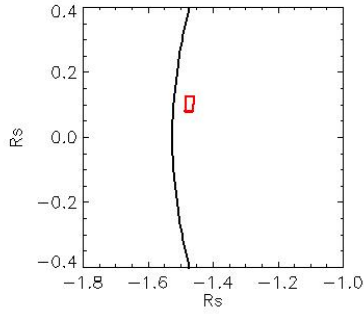
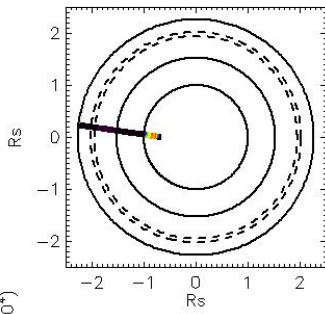
Observation Name:
 UVS_198RLATPHASE001_VIMS
 Observation Date:
 2013_283_09_11_02
 Observation Duration:
 3300 S
 Integration time = 300 S





Observation Name:
 UVS_198RLATPHASE001_VIMS
 Observation Date:
 2013_283_10_13_02
 Observation Duration:
 3300 S
 Integration time = 300 S



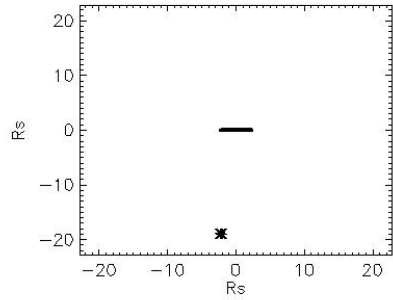
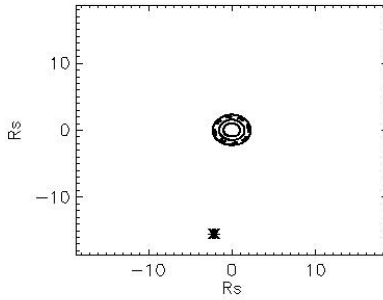
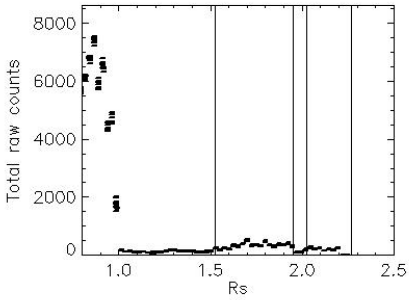
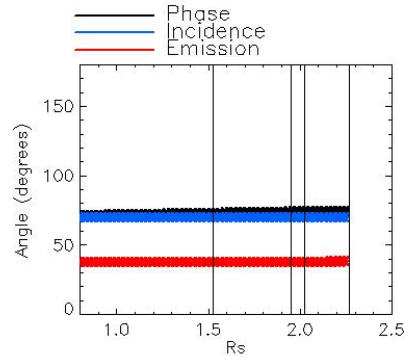
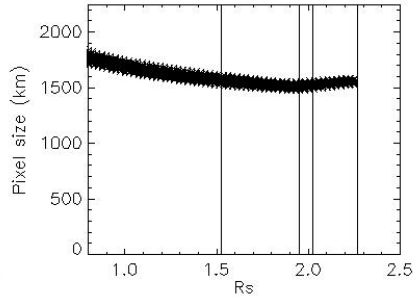
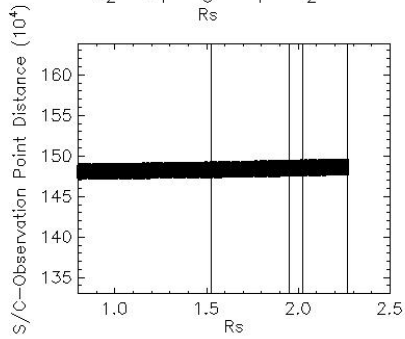


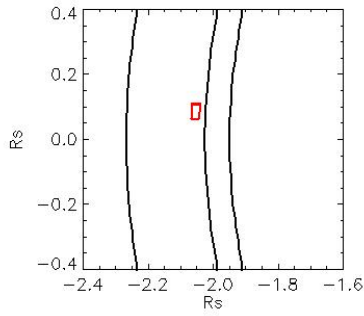
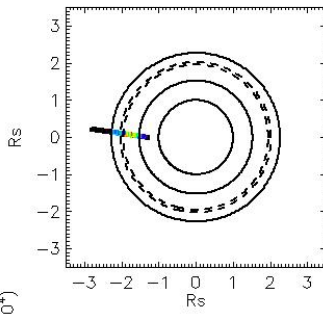
Observation Name:
UMS_198RLATPHASE001_VIMS

Observation Date:
2013_283_11_17_02

Observation Duration:
3300 S

Integration time = 300 S



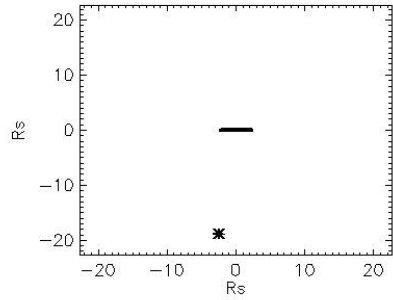
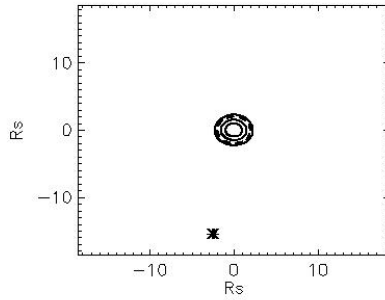
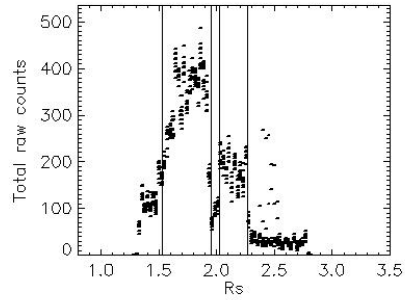
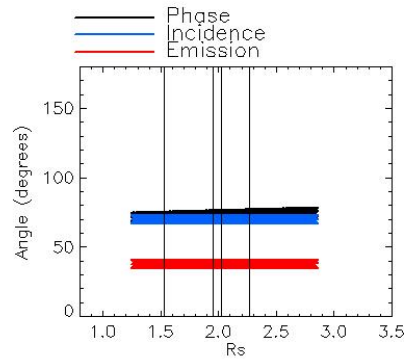
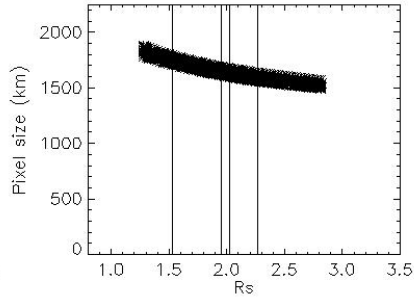
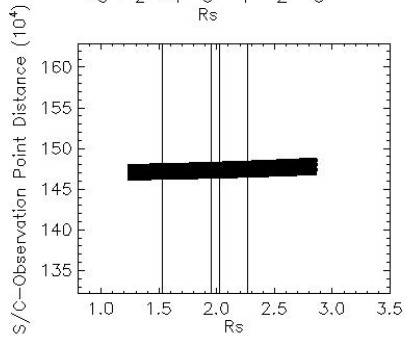


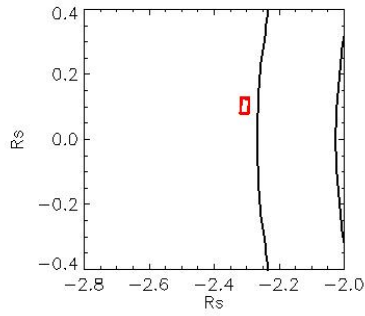
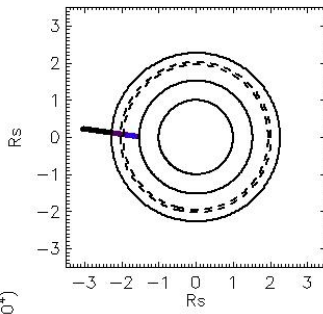
Observation Name:
UMS_198RLATPHASE01_VIMS

Observation Date:
2013_283_12_19_02

Observation Duration:
3300 S

Integration time = 300 S



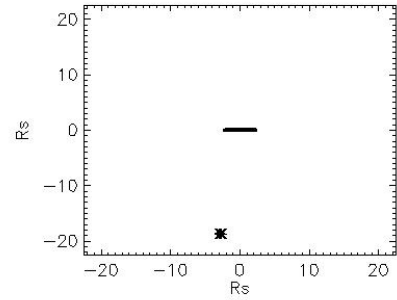
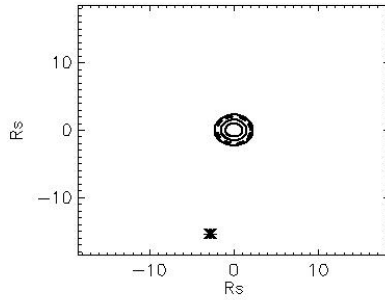
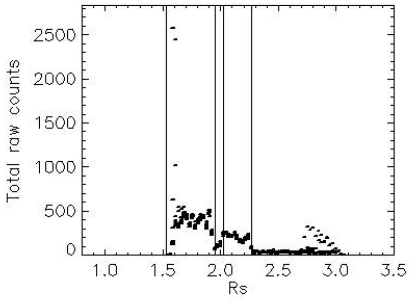
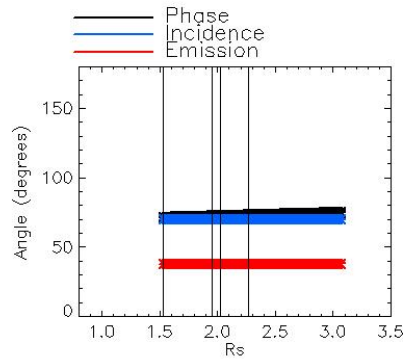
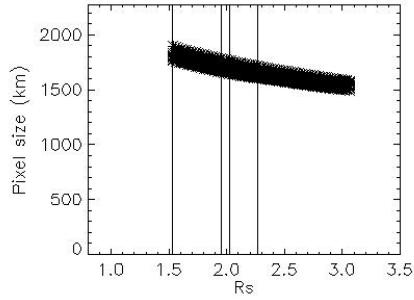
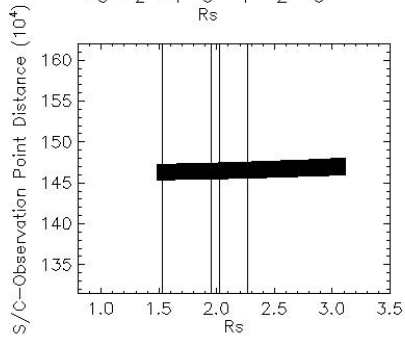


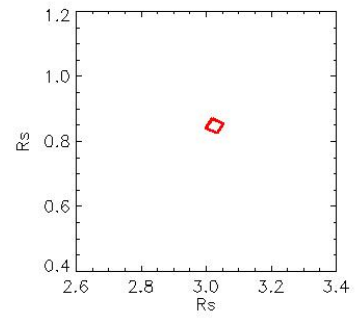
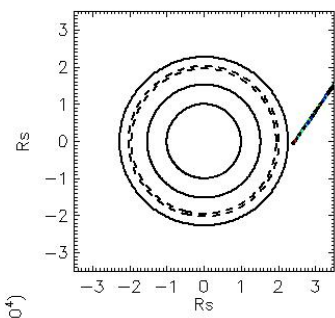
Observation Name:
UMS_198RLATPHASE01_VIMS

Observation Date:
2013_283_13_21_02

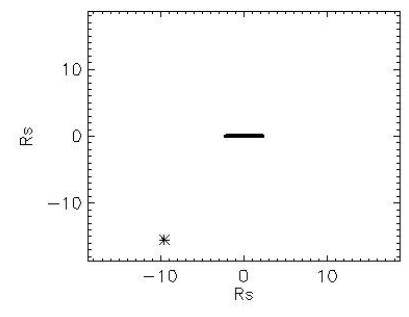
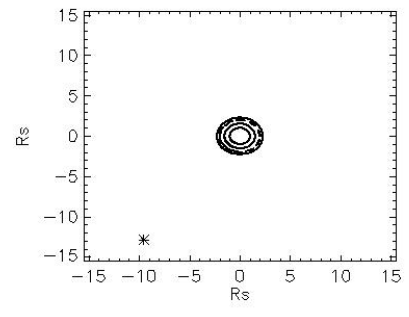
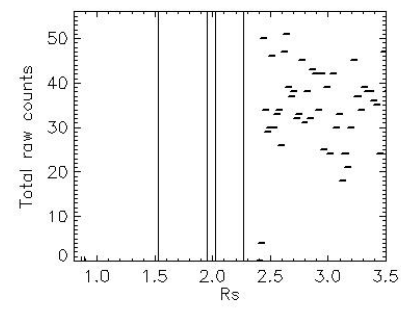
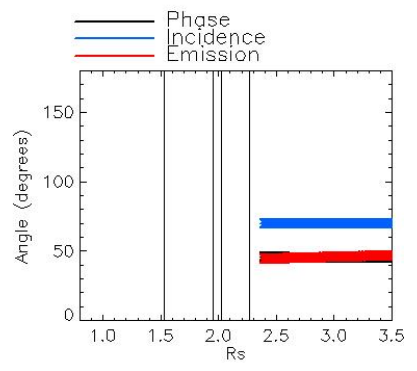
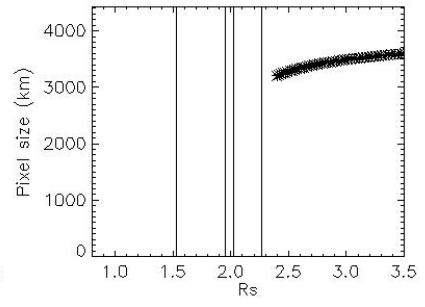
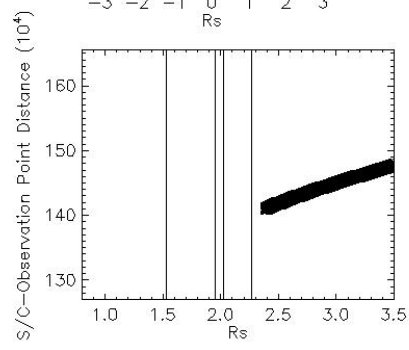
Observation Duration:
3300 S

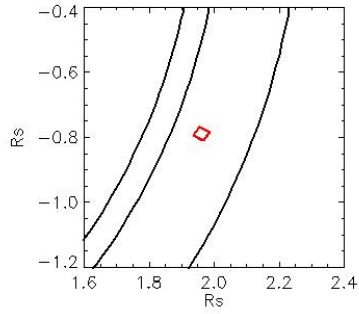
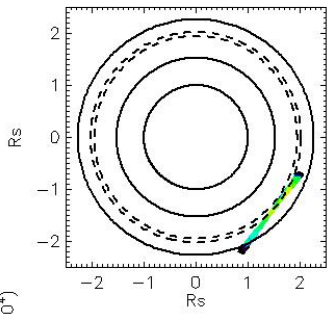
Integration time = 300 S





Observation Name:
 UVS_198RLCOMPLIT001_CIRS
 Observation Date:
 2013_284_10_28_03
 Observation Duration:
 480 S
 Integration time = 480 S



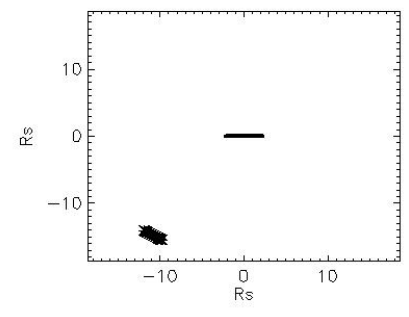
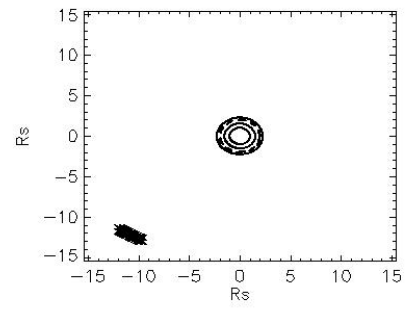
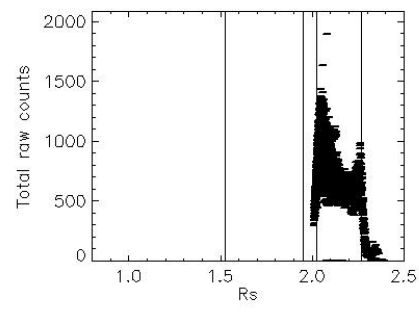
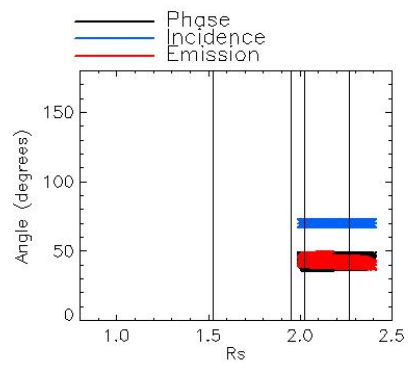
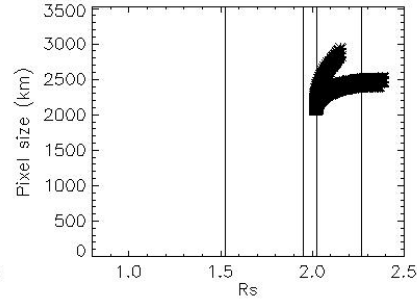
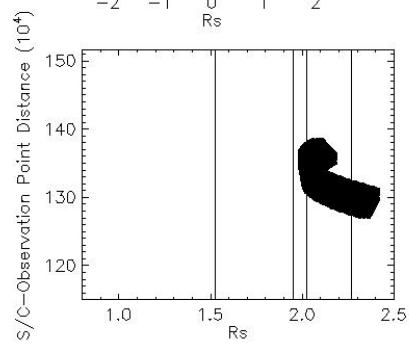


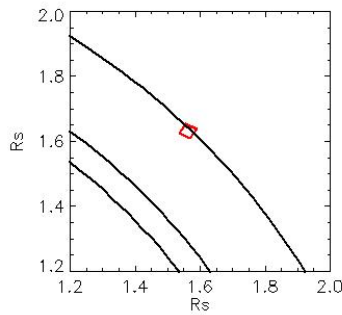
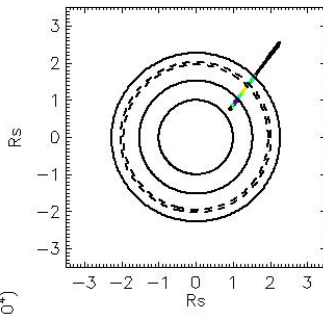
Observation Name:
UMS_198RLCOMPLIT001_CIRS

Observation Date:
2013_284_10_48_03

Observation Duration:
27360 S

Integration time = 480 S



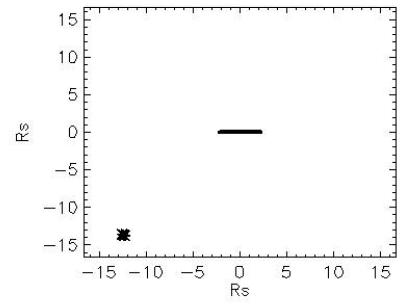
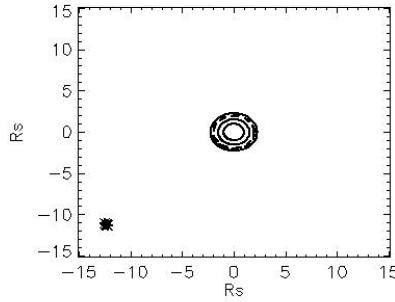
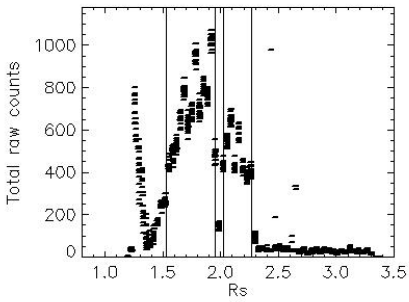
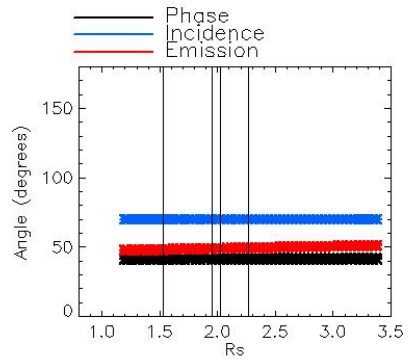
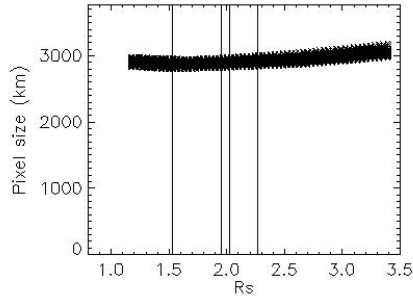
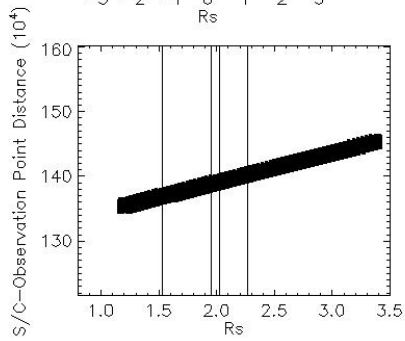


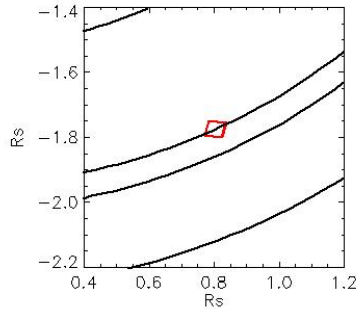
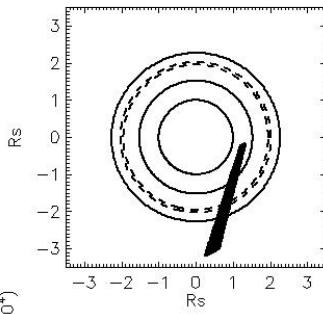
Observation Name:
UMS_198RLPROPTRG003_ISS

Observation Date:
2013_284_19_10_02

Observation Duration:
5400 S

Integration time = 300 S



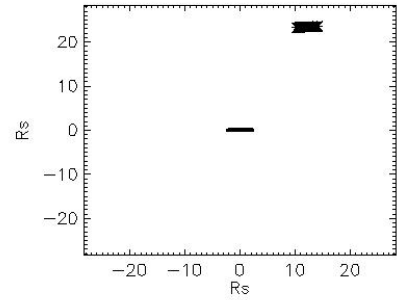
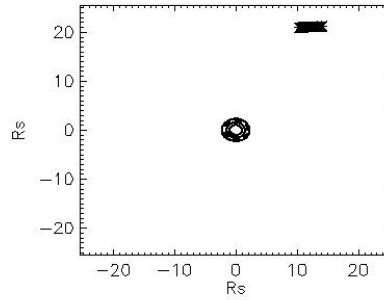
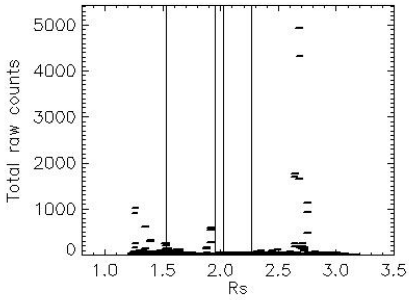
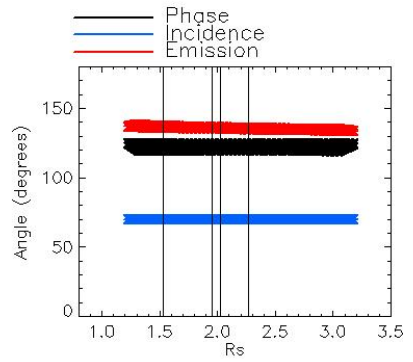
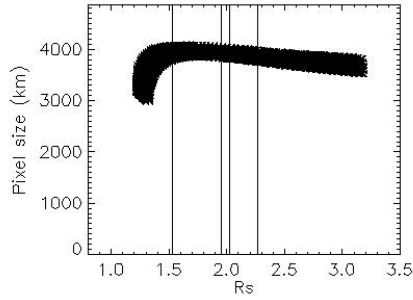
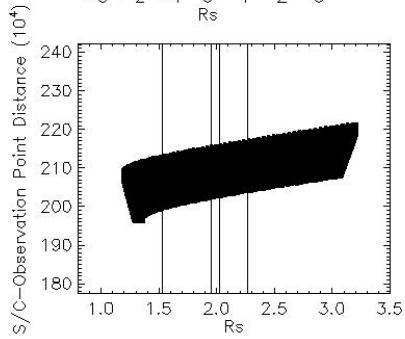


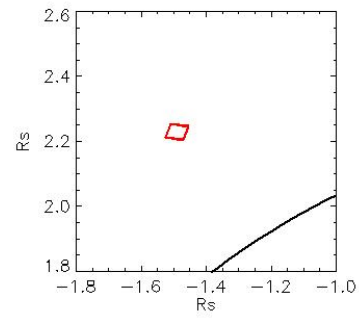
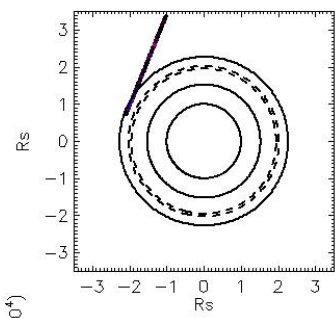
Observation Name:
UMS_198RLSPOKEMOV004_JSS

Observation Date:
2013_292_10_05_01

Observation Duration:
45600 S

Integration time = 300 S



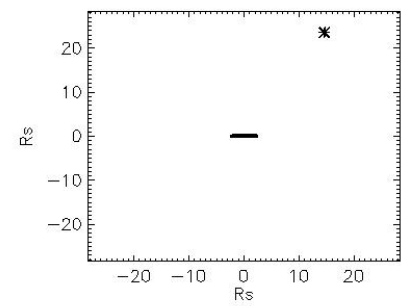
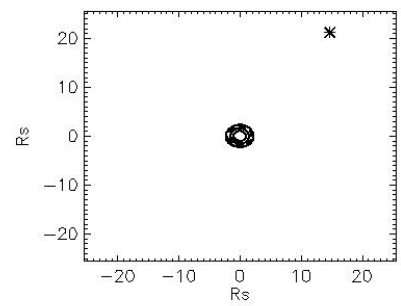
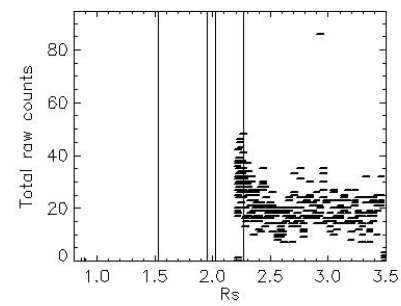
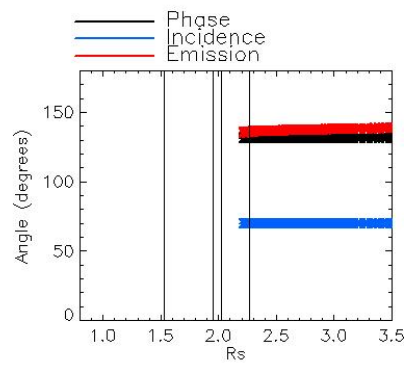
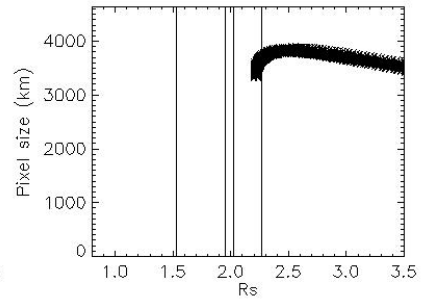
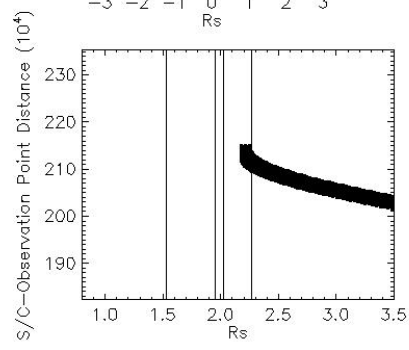


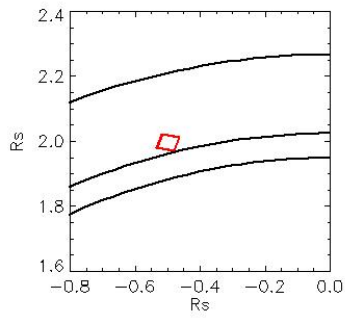
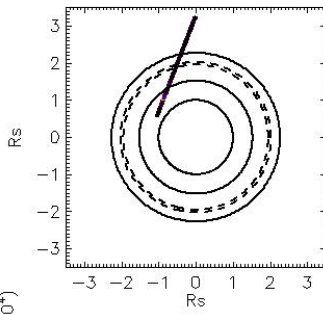
Observation Name:
UVIS_198RLAPOMOSAIC002_VIMS

Observation Date:
2013_293_00_28_11

Observation Duration:
1800 S

Integration time = 300 S



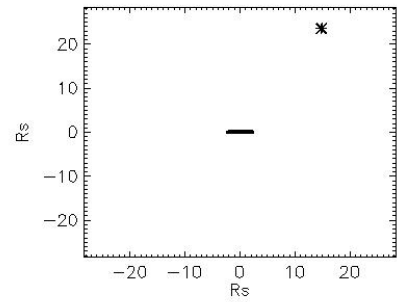
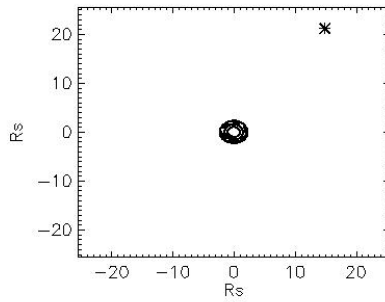
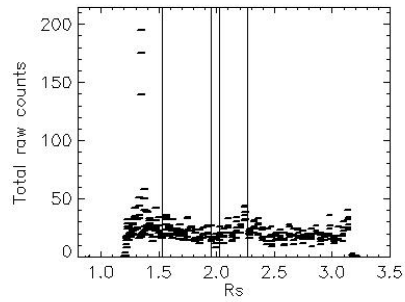
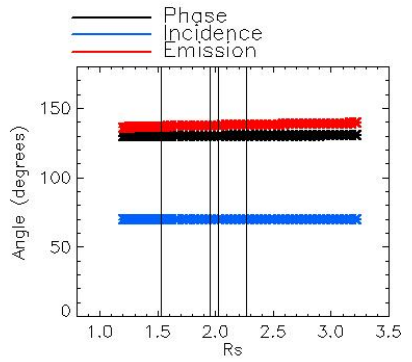
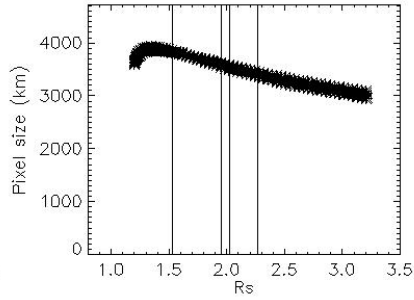
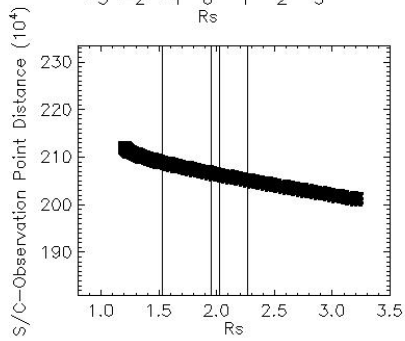


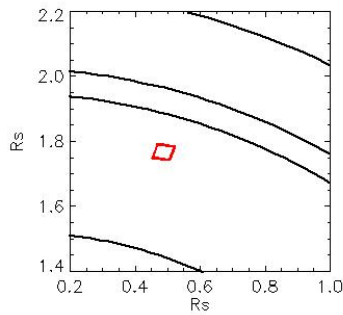
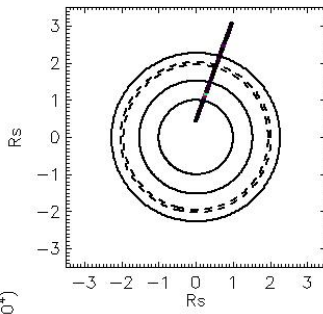
Observation Name:
UVIS_198RLAPOMOSAIC002_VIMS

Observation Date:
2013_293_01_02_59

Observation Duration:
1800 S

Integration time = 300 S



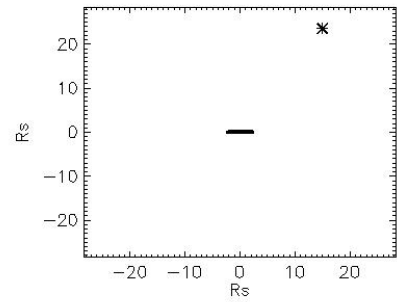
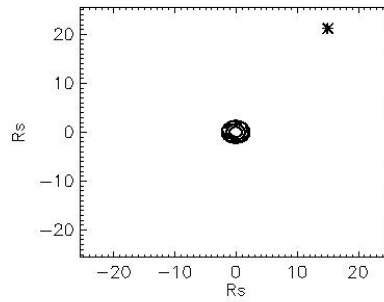
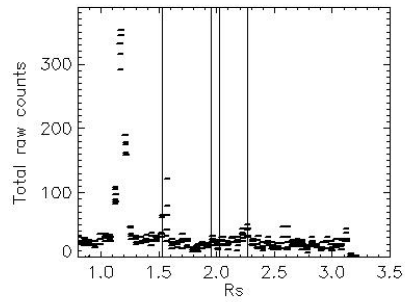
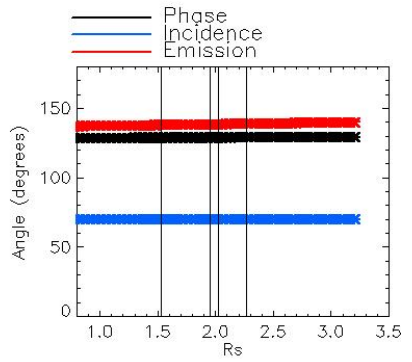
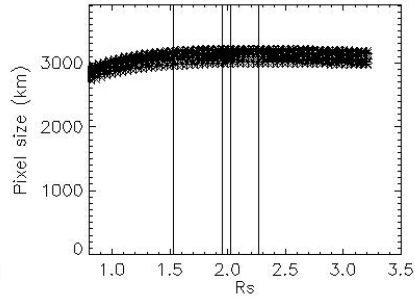
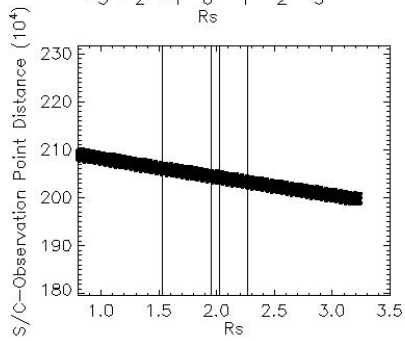


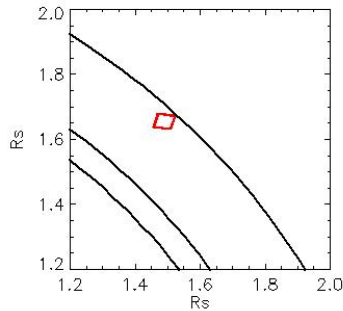
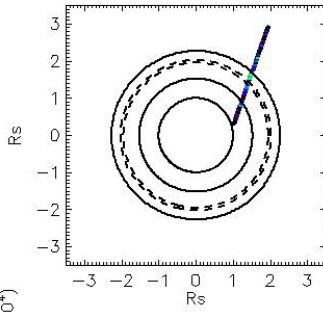
Observation Name:
UVS_198RLAPOMOSAIC002_VIMS

Observation Date:
2013_293_01_37_47

Observation Duration:
1800 S

Integration time = 300 S



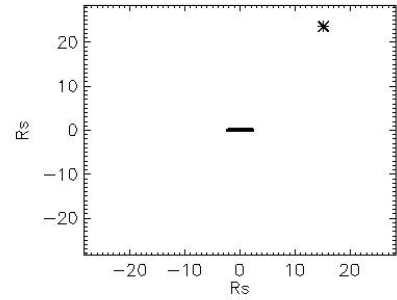
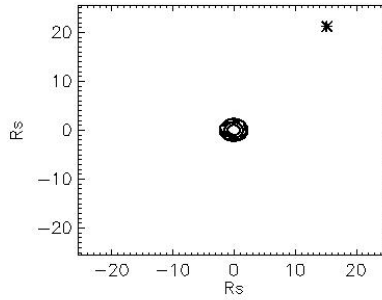
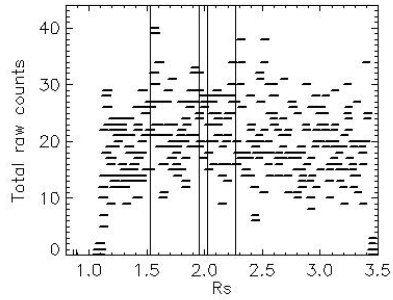
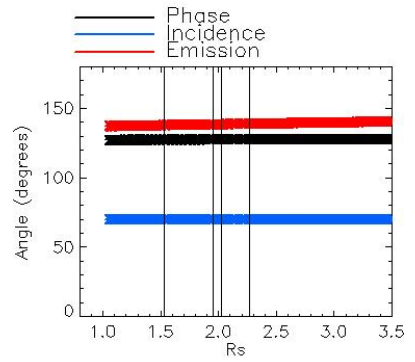
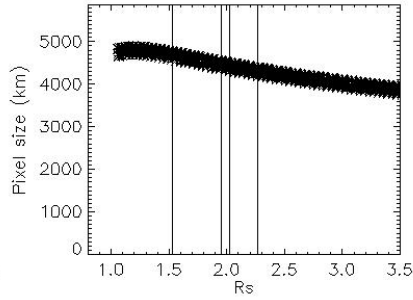
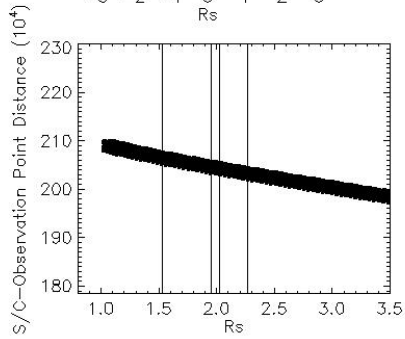


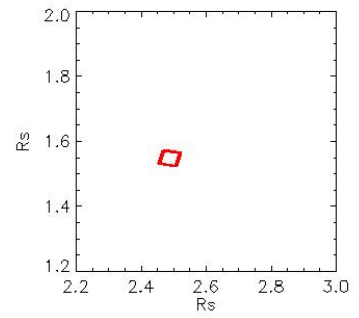
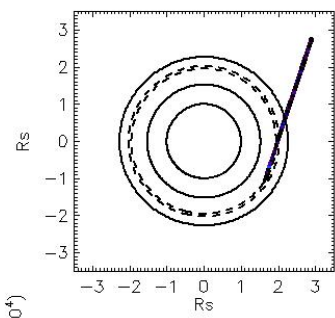
Observation Name:
UVIS_198RLAPOMOSAIC002_VIMS

Observation Date:
2013_293_02_12_35

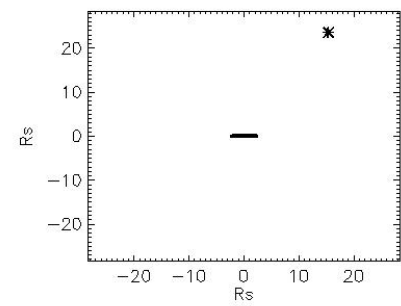
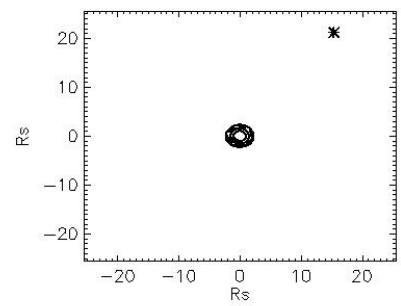
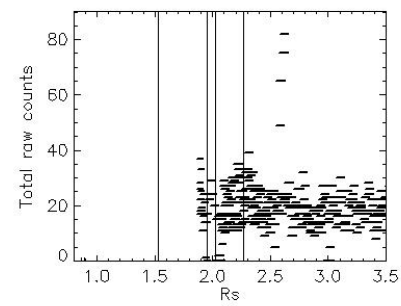
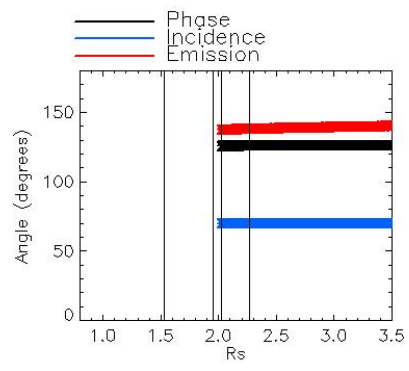
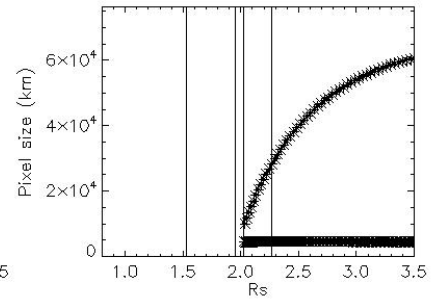
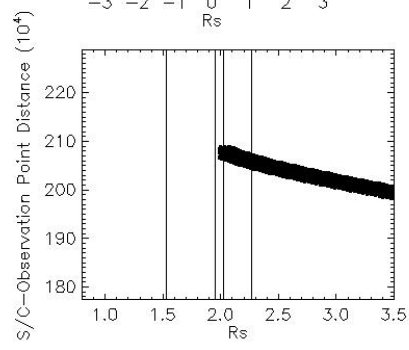
Observation Duration:
1800 S

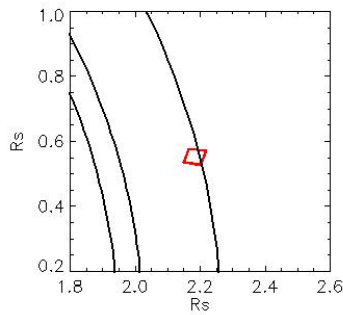
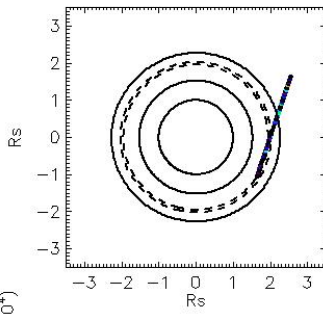
Integration time = 300 S





Observation Name:
 UVS_198RLAPOMOSAIC002_VIMS
 Observation Date:
 2013_293_02_47_23
 Observation Duration:
 2100 S
 Integration time = 300 S



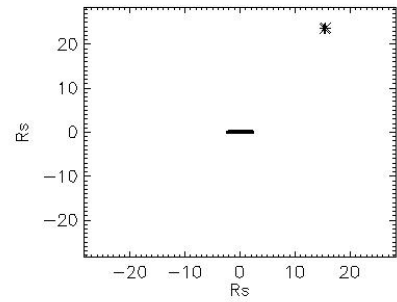
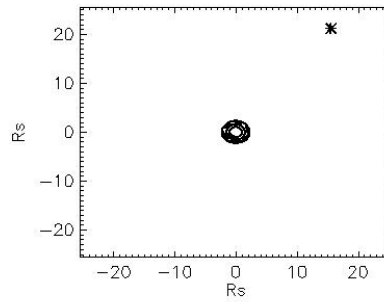
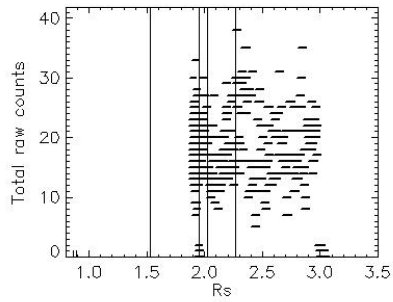
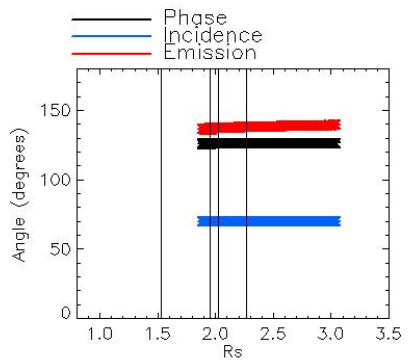
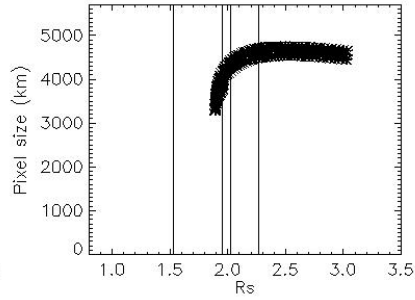
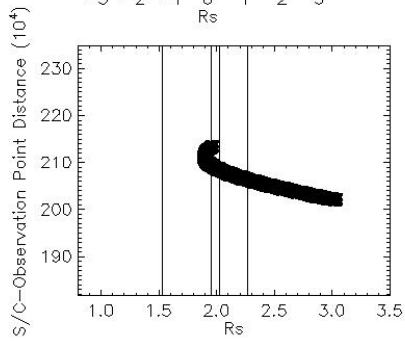


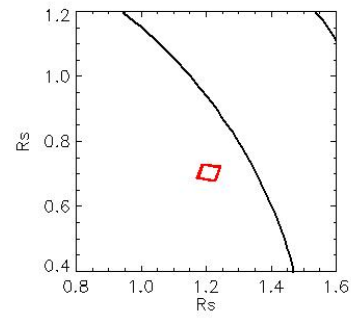
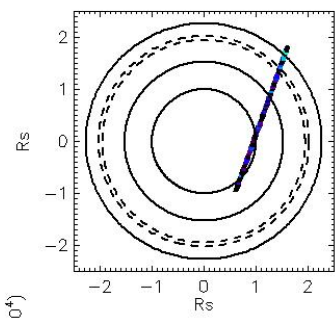
Observation Name:
UVS_198RLAPOMOSAIC002_VIMS

Observation Date:
2013_293_03_23_27

Observation Duration:
1800 S

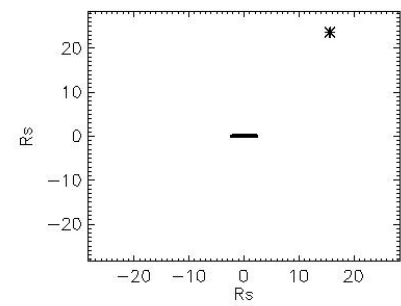
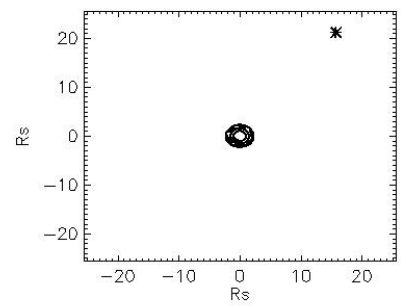
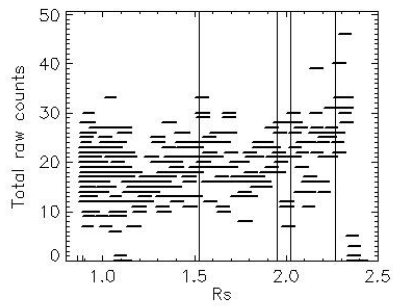
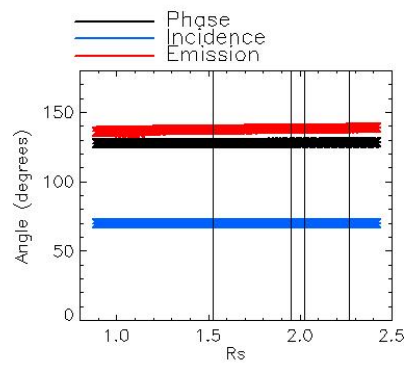
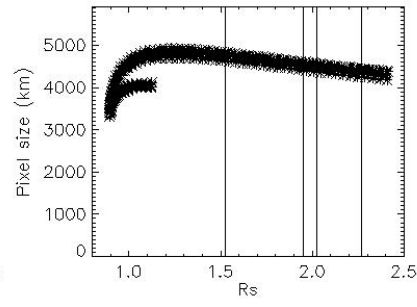
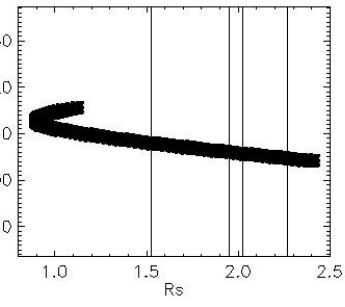
Integration time = 300 S

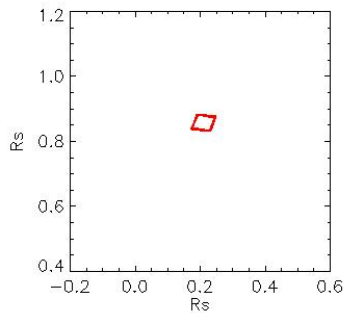
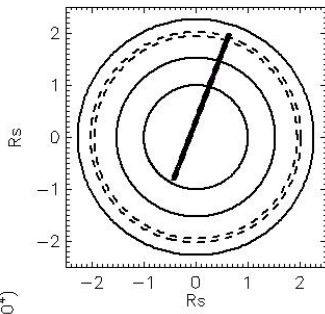




Observation Name:
 UVS_198RLAPOMOSAIC002_VIMS
 Observation Date:
 2013_293_03_58_15
 Observation Duration:
 1800 S
 Integration time = 300 S

S/C-Observation Point Distance (10^4)



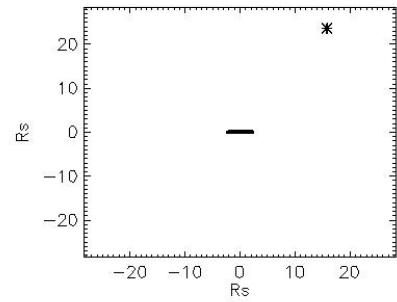
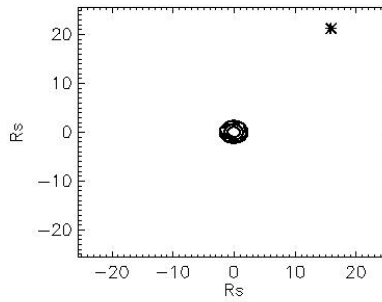
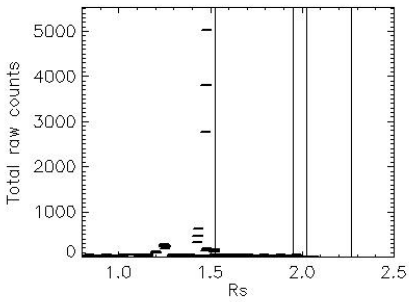
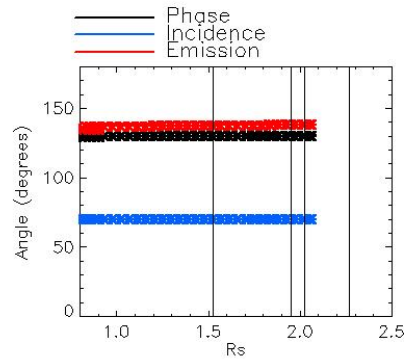
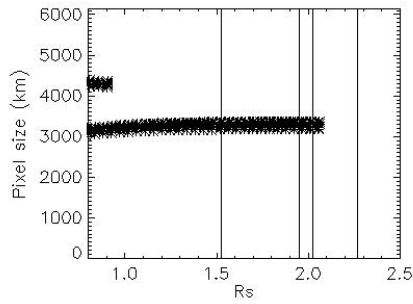
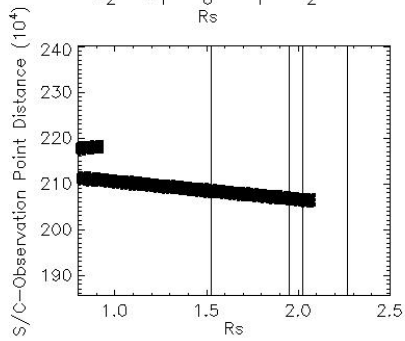


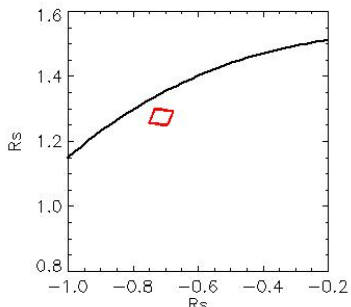
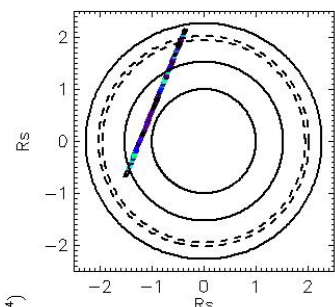
Observation Name:
UVS_198RLAPOMOSAIC002_VIMS

Observation Date:
2013_293_04_33_03

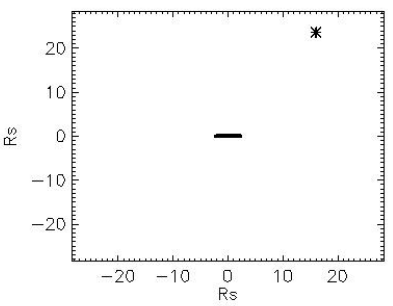
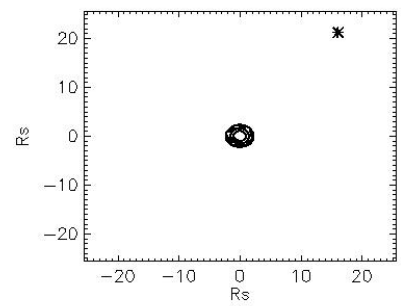
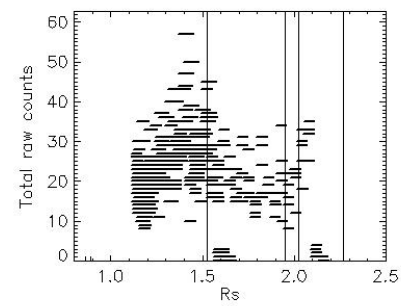
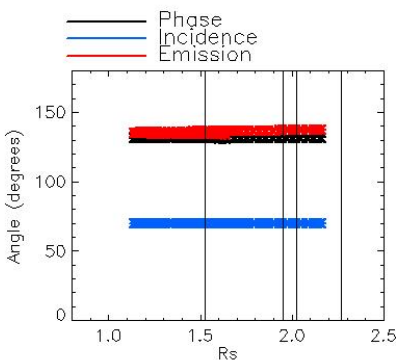
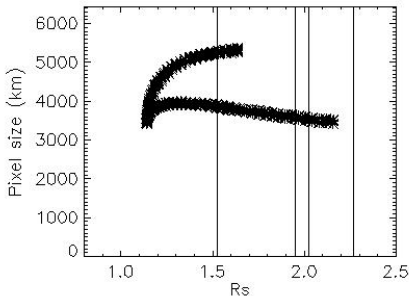
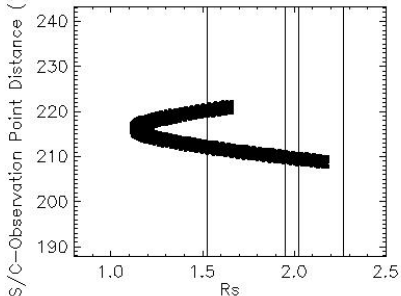
Observation Duration:
1800 S

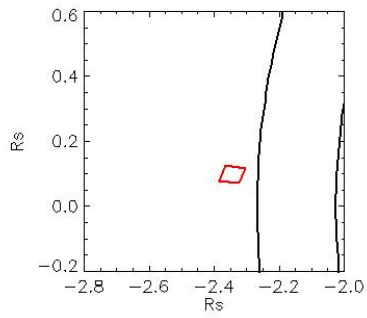
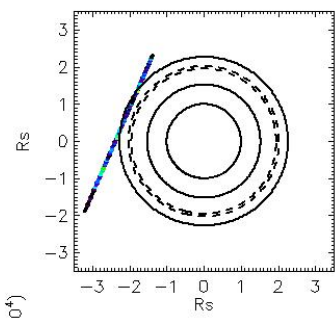
Integration time = 300 S



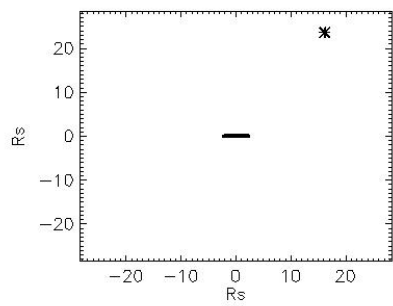
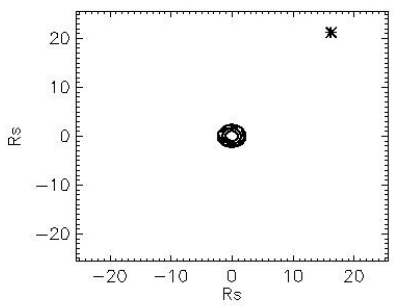
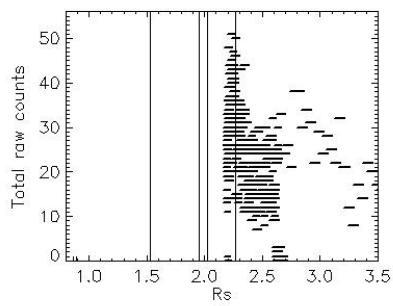
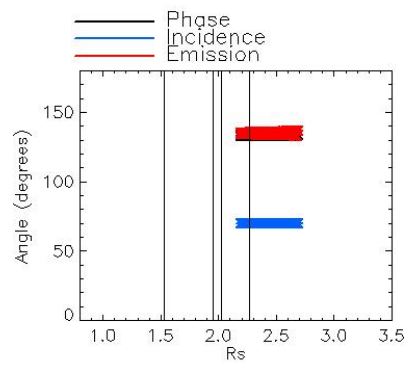
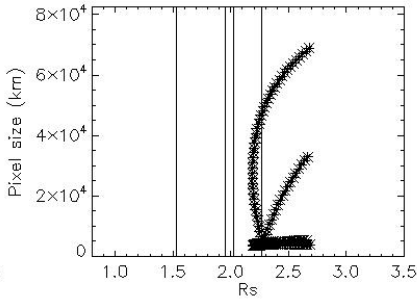
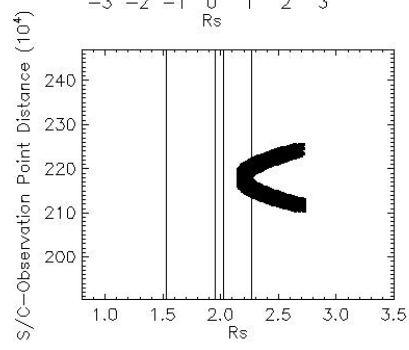


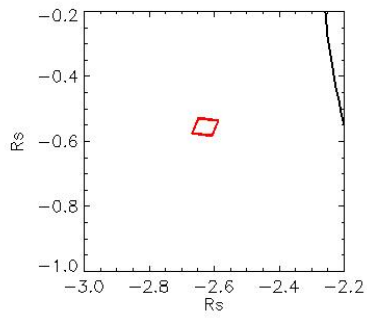
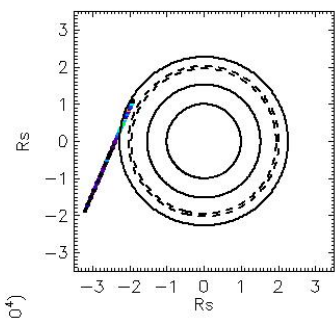
Observation Name:
 UVS_198RLAPOMOSAIC002_VIMS
 Observation Date:
 2013_293_05_07_51
 Observation Duration:
 1800 S
 Integration time = 300 S





Observation Name:
 UVS_198RLAPOMOSAIC002_VIMS
 Observation Date:
 2013_293_05_42_39
 Observation Duration:
 2100 S
 Integration time = 300 S



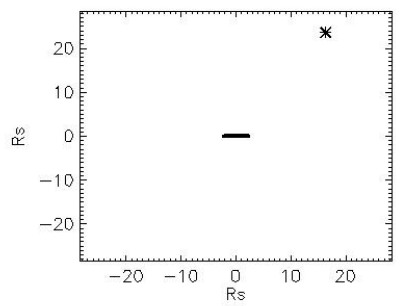
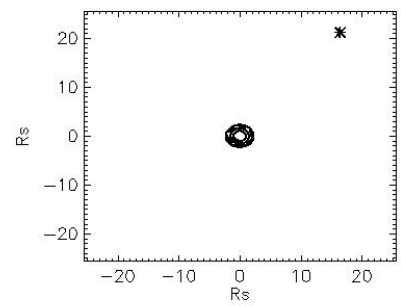
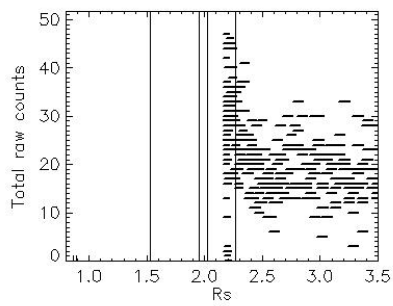
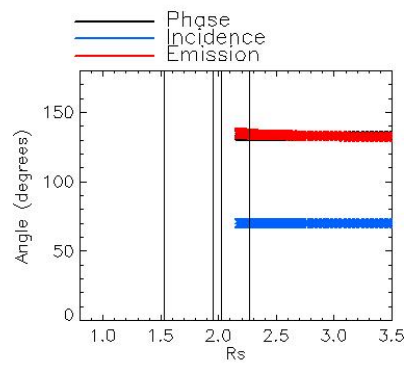
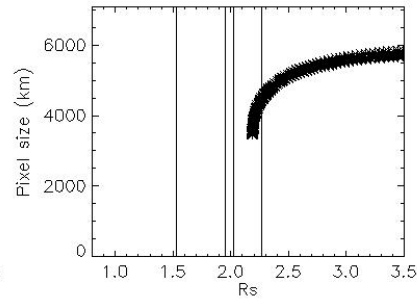
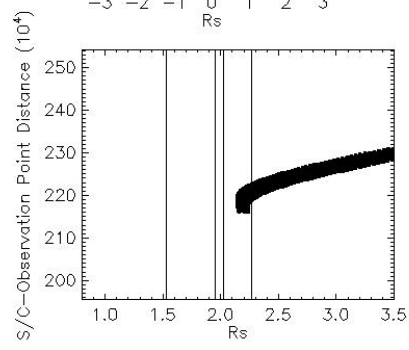


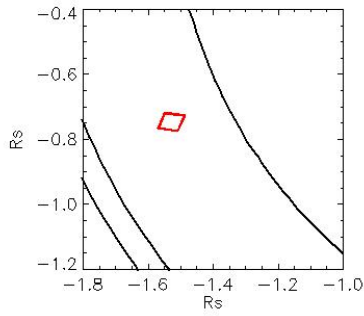
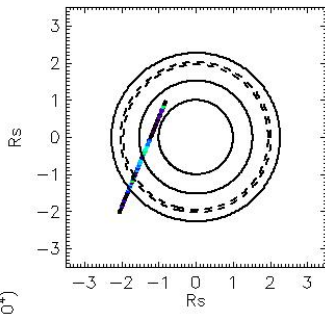
Observation Name:
UVS_198RLAPOMOSAIC002_VIMS

Observation Date:
2013_293_06_18_43

Observation Duration:
1800 S

Integration time = 300 S



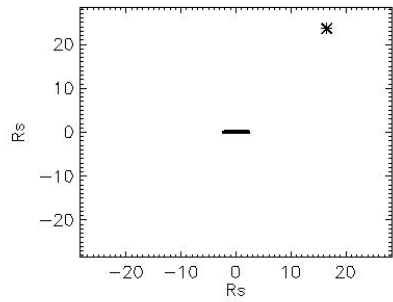
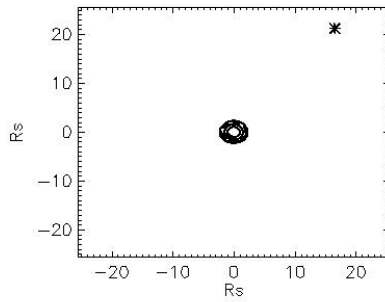
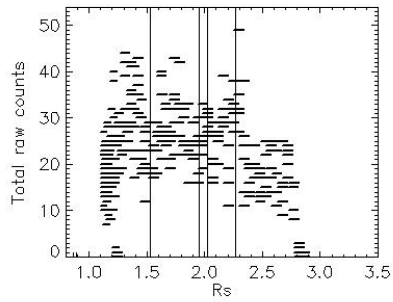
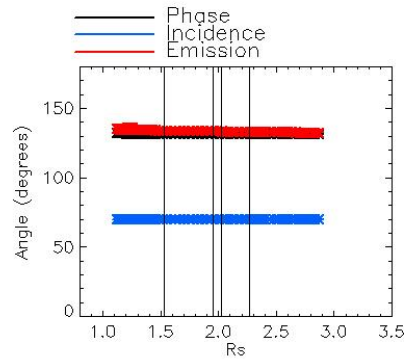
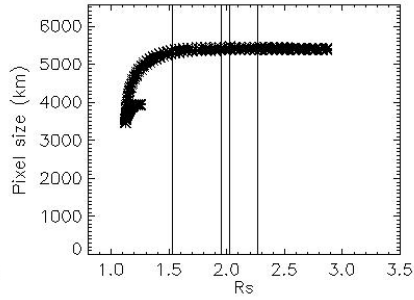
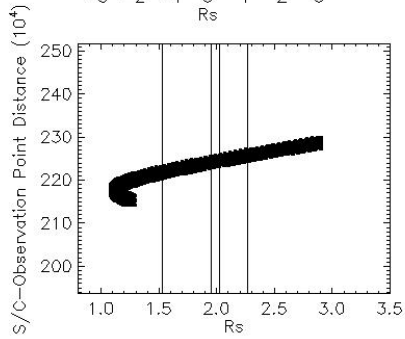


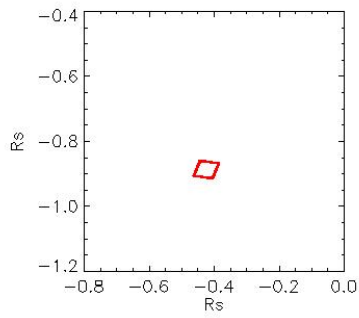
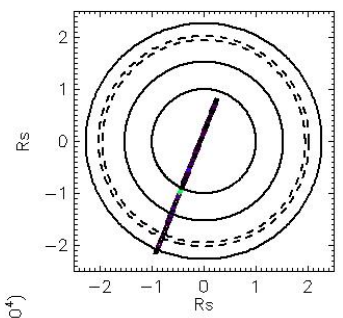
Observation Name:
UVS_198RLAPOMOSAIC002_VIMS

Observation Date:
2013_293_06_53_31

Observation Duration:
1800 S

Integration time = 300 S



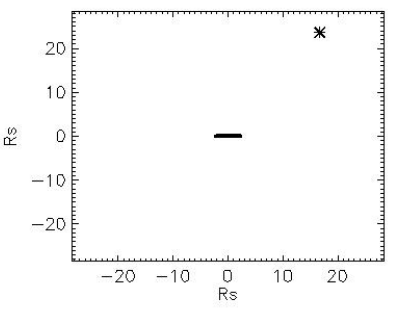
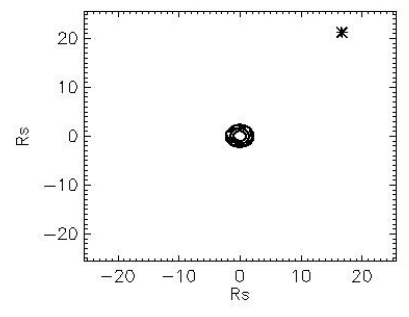
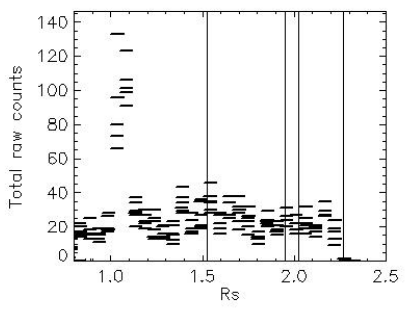
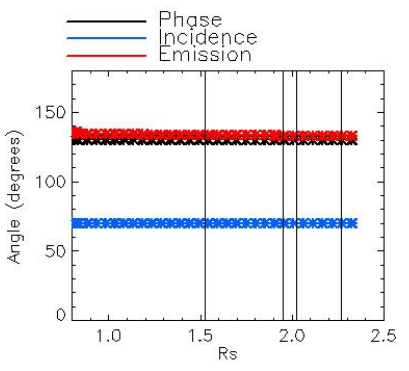
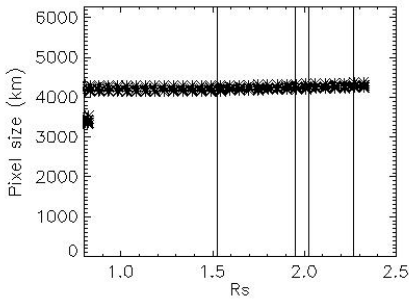
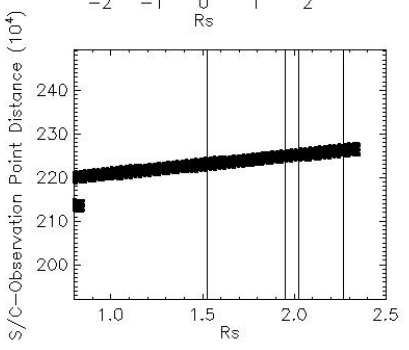


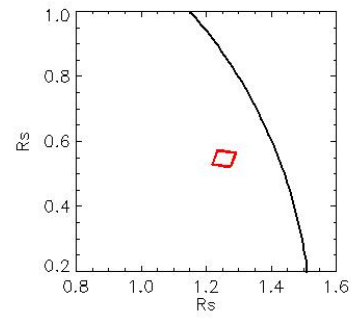
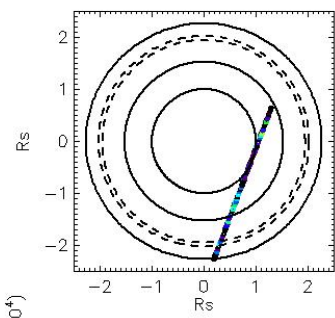
Observation Name:
UVS_198RLAPOMOSAIC002_VIMS

Observation Date:
2013_293_07_28_19

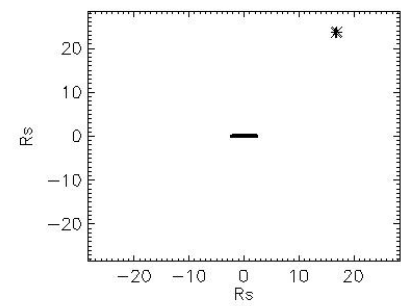
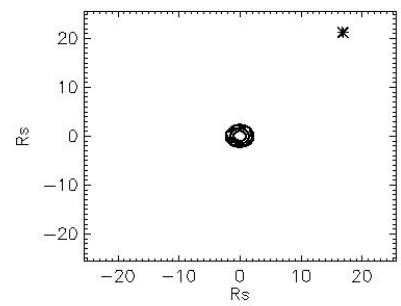
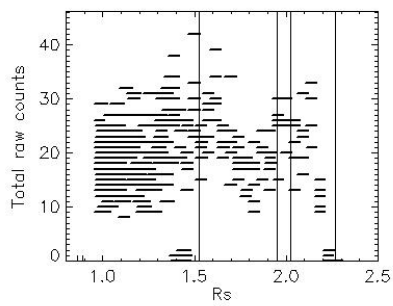
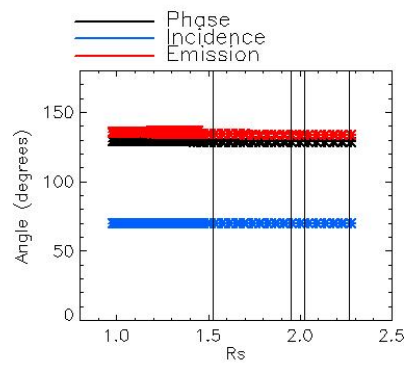
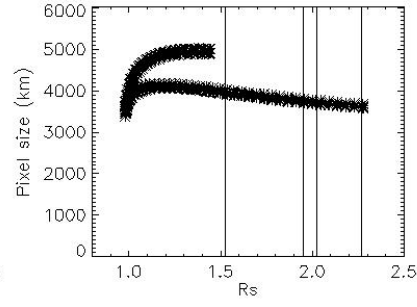
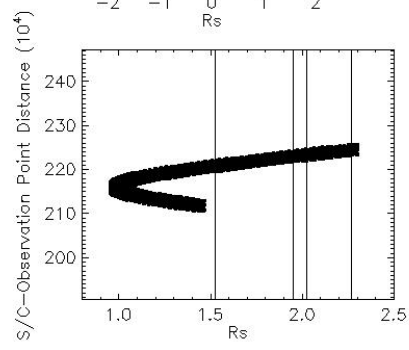
Observation Duration:
1800 S

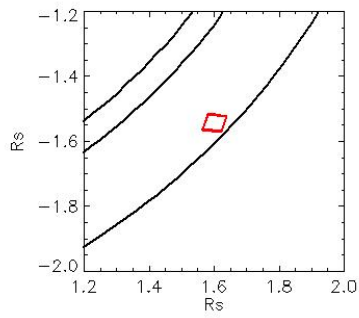
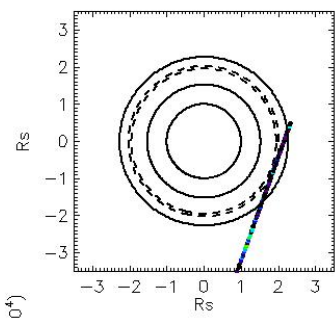
Integration time = 300 S



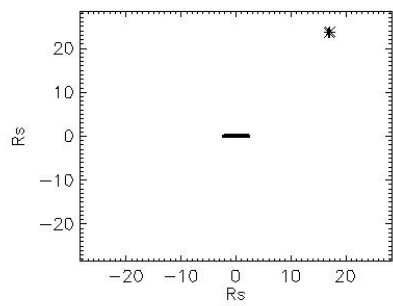
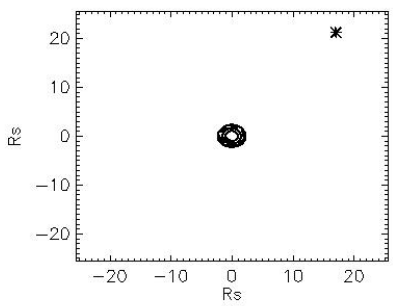
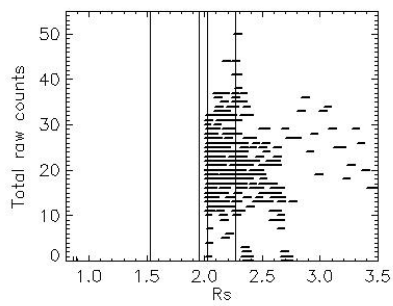
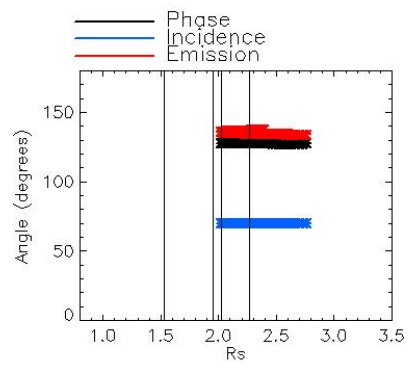
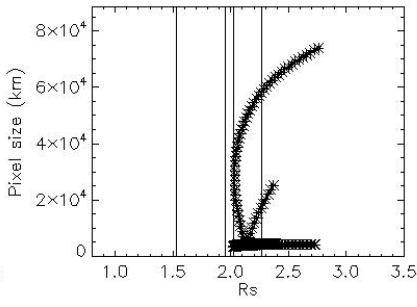
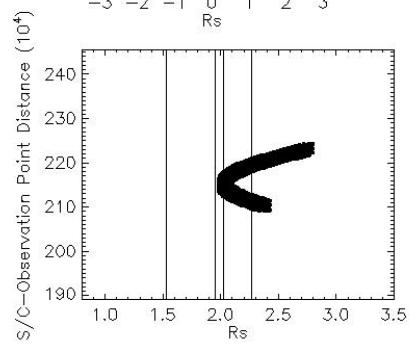


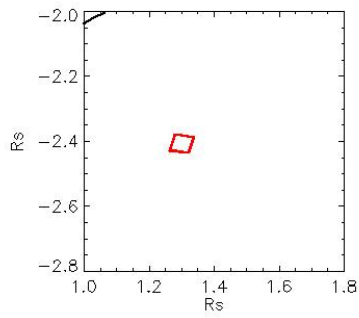
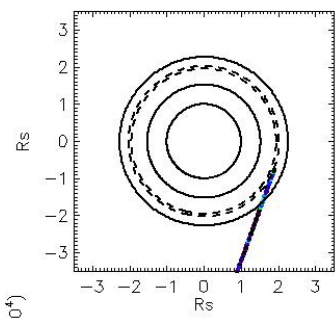
Observation Name:
 UVS_198RLAPOMOSAIC002_VIMS
 Observation Date:
 2013_293_08_03_07
 Observation Duration:
 1800 S
 Integration time = 300 S



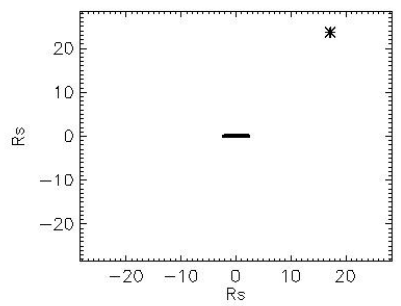
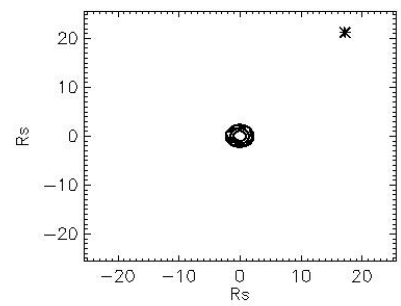
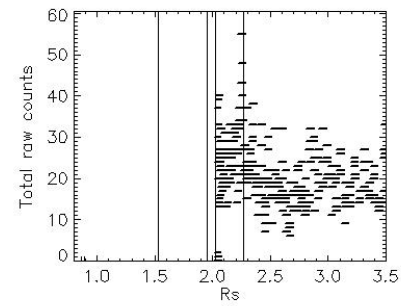
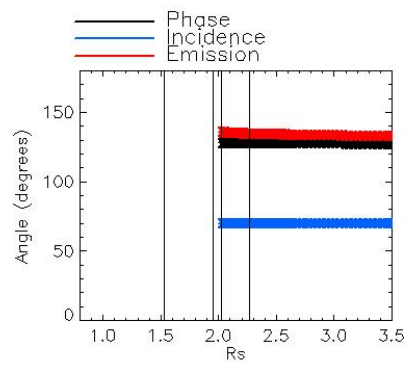
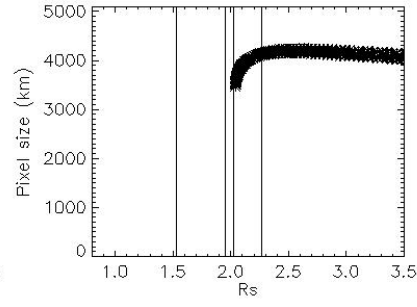
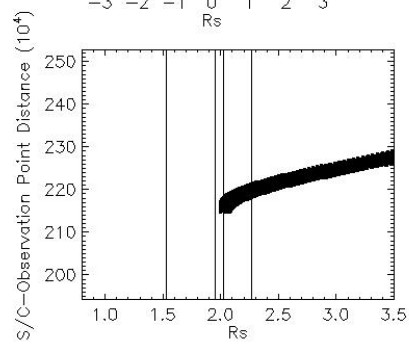


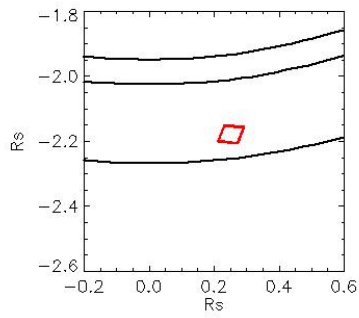
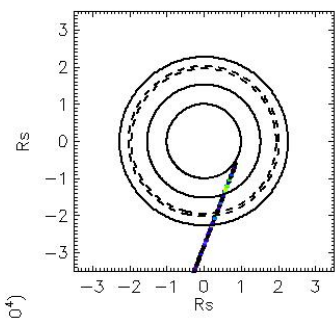
Observation Name:
 UVS_198RLAPOMOSAIC002_VIMS
 Observation Date:
 2013_293_08_37_55
 Observation Duration:
 2100 S
 Integration time = 300 S





Observation Name:
 UVS_198RLAPOMOSAIC002_VIMS
 Observation Date:
 2013_293_09_13_59
 Observation Duration:
 1800 S
 Integration time = 300 S



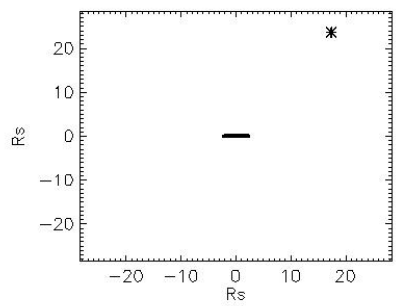
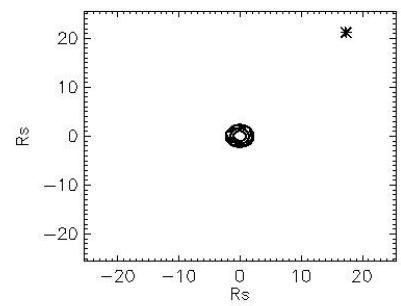
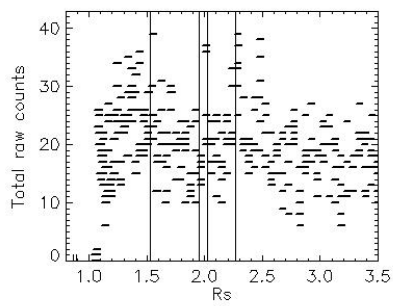
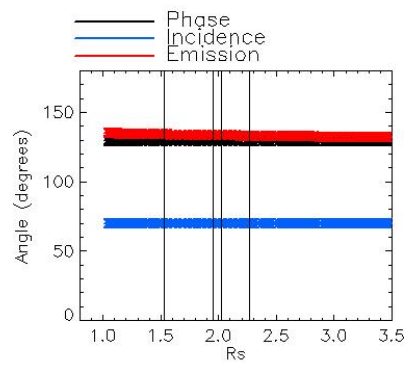
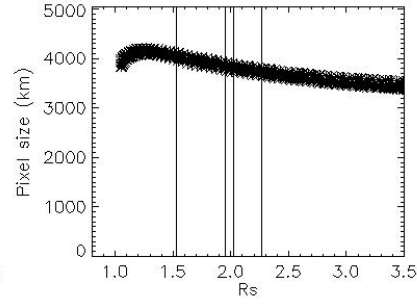
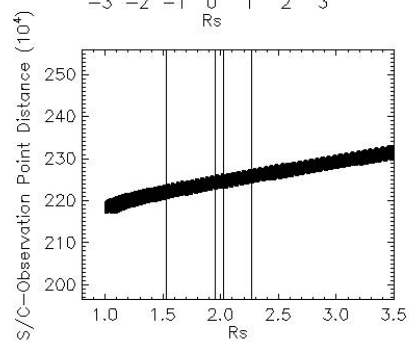


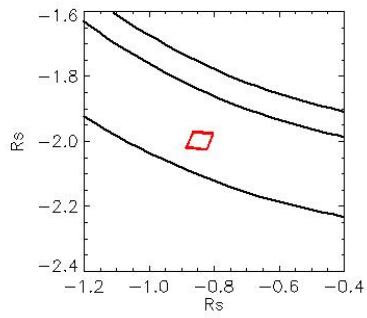
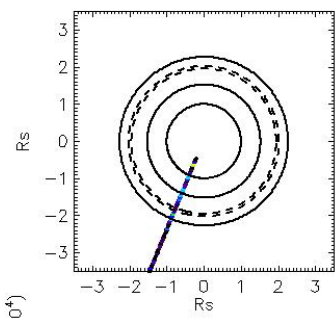
Observation Name:
UVS_198RLAPOMOSAIC002_VIMS

Observation Date:
2013_293_09_48_47

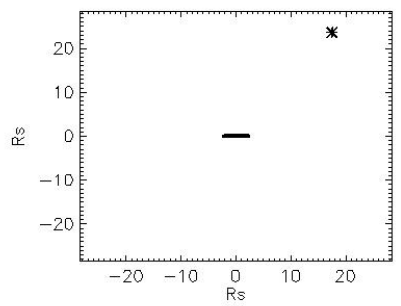
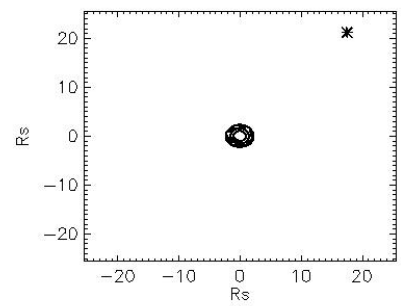
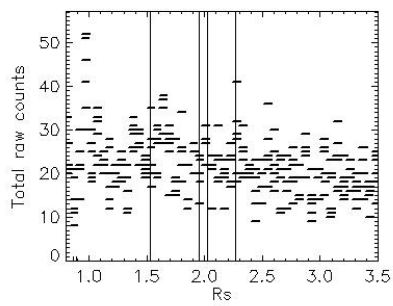
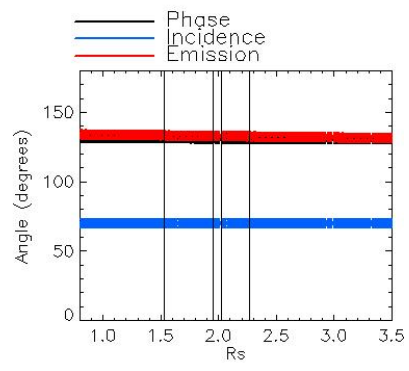
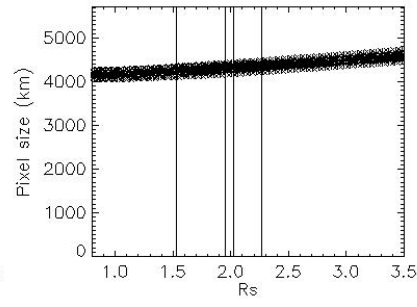
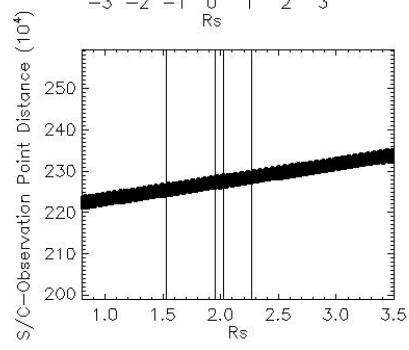
Observation Duration:
1800 S

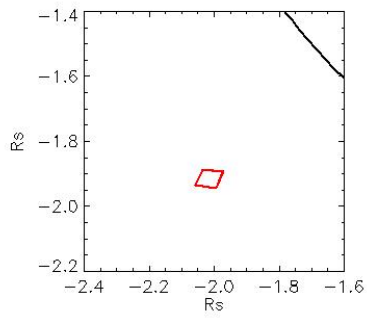
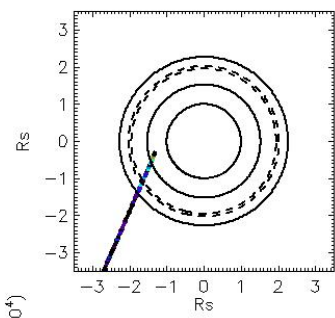
Integration time = 300 S





Observation Name:
UVIS_198RLAPOMOSAIC002_VIMS
Observation Date:
2013_293_10_23_36
Observation Duration:
1800 S
Integration time = 300 S



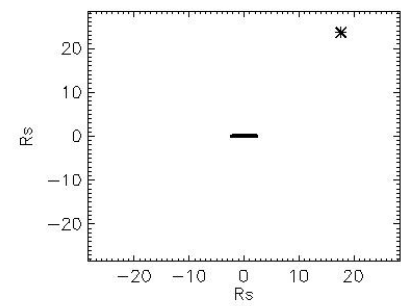
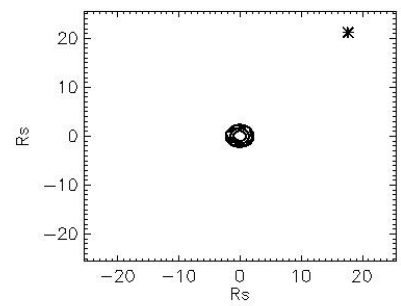
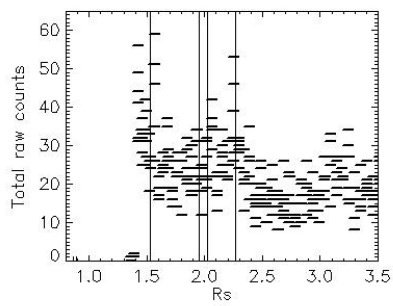
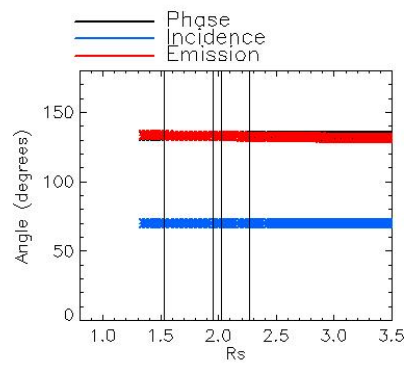
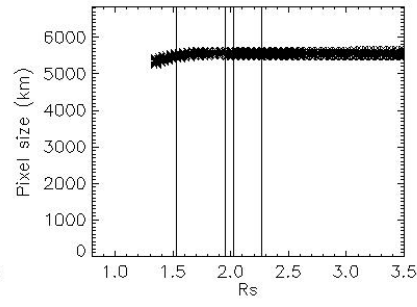
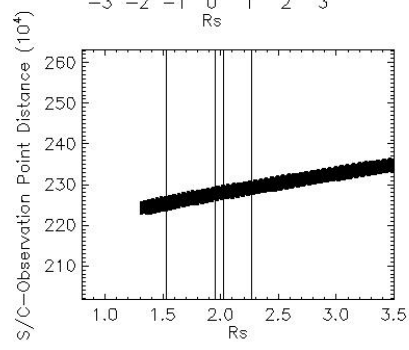


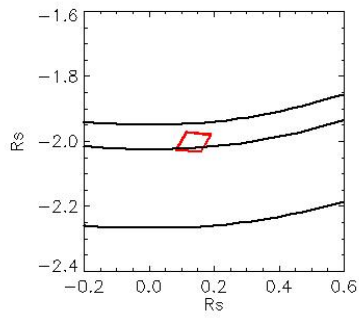
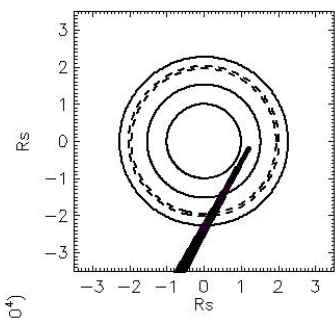
Observation Name:
UVIS_198RLAPOMOSAIC002_VIMS

Observation Date:
2013_293_10_58_24

Observation Duration:
1800 S

Integration time = 300 S



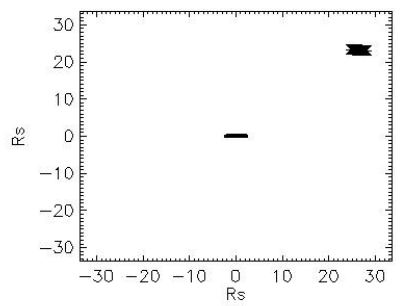
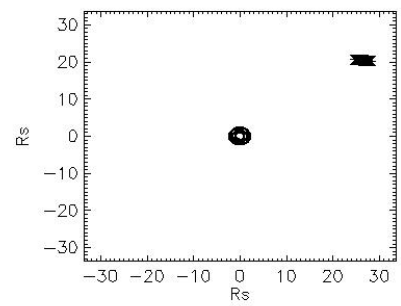
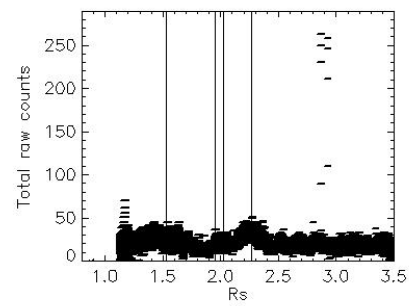
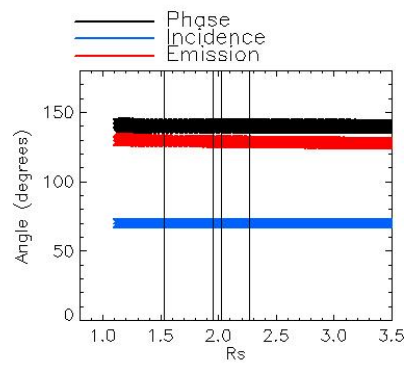
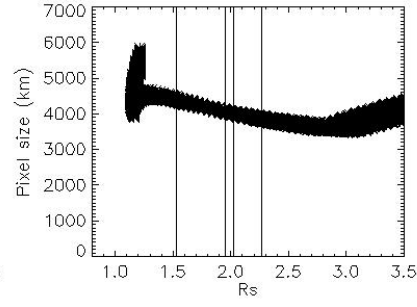
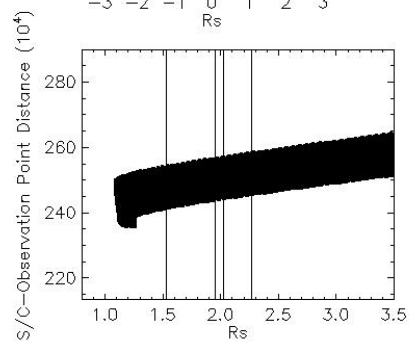


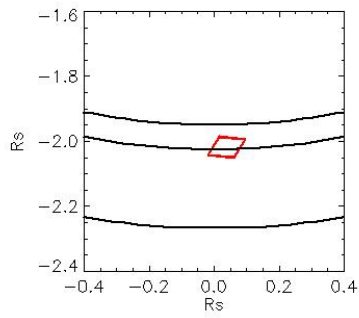
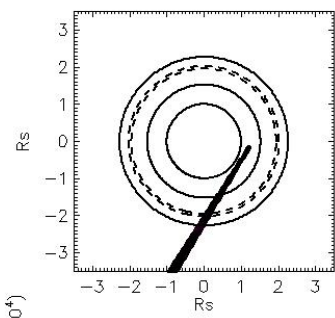
Observation Name:
UMS_198RLSPOKEMOV005_JSS

Observation Date:
2013_294_13_50_01

Observation Duration:
45900 S

Integration time = 300 S





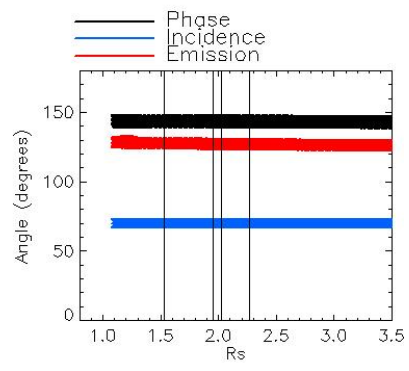
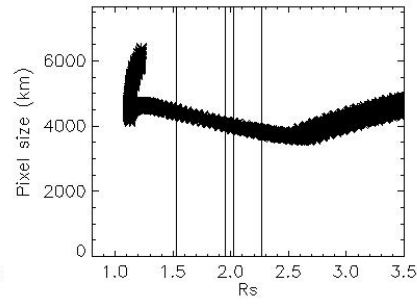
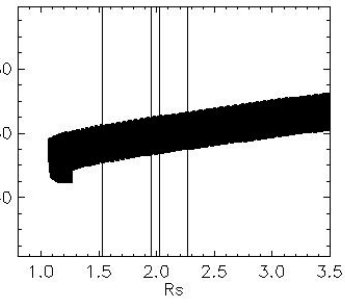
Observation Name:
UMS_198RLSPOKEMOV005_JSS

Observation Date:
2013_295_02_35_00

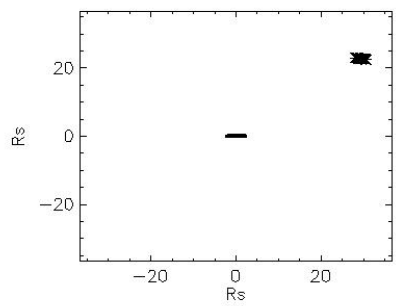
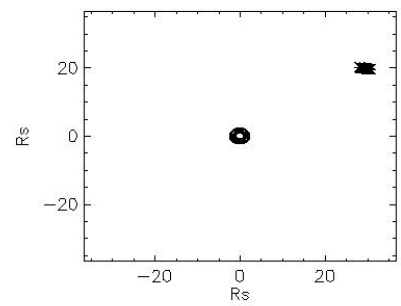
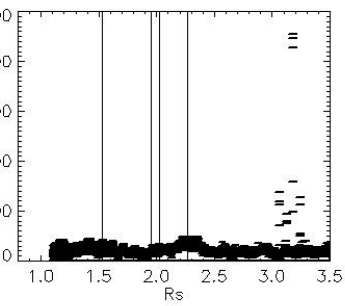
Observation Duration:
38700 S

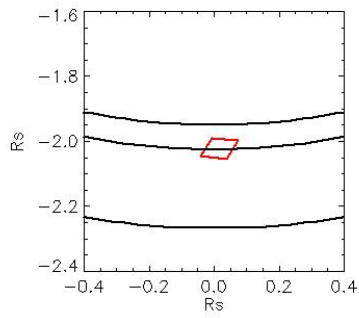
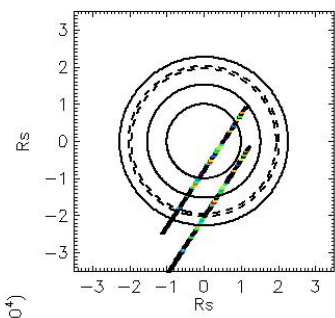
Integration time = 300 S

S/C—Observation Point Distance (10^4)



Total raw counts



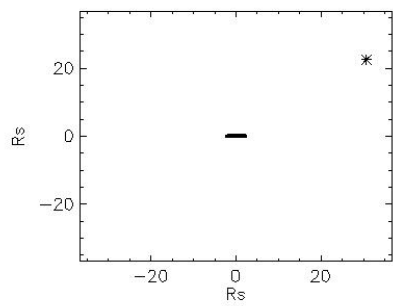
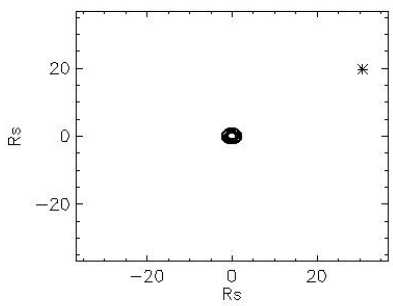
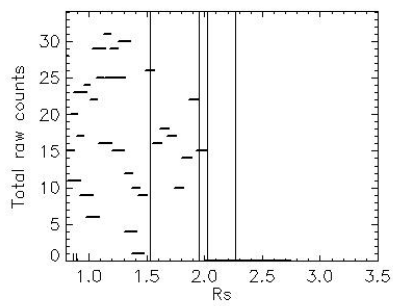
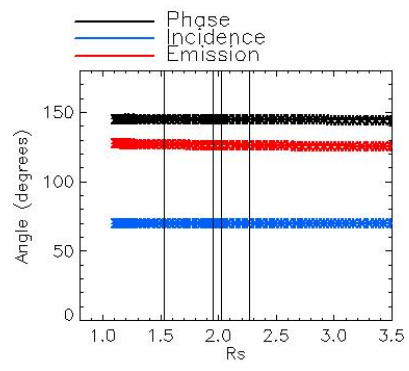
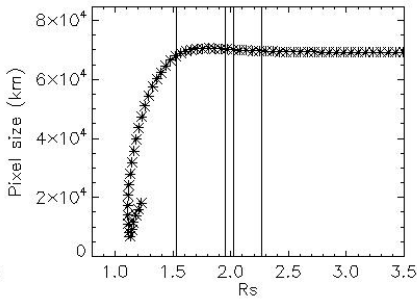
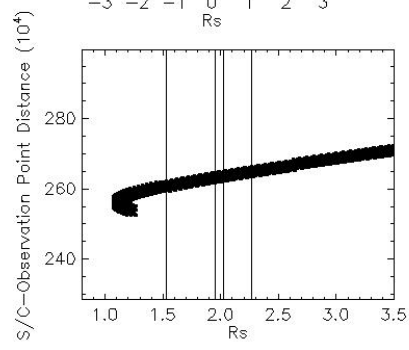


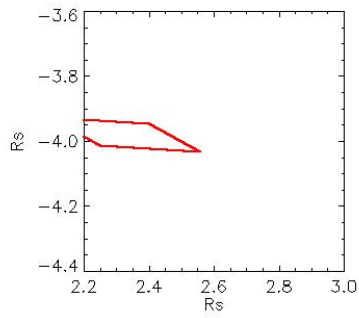
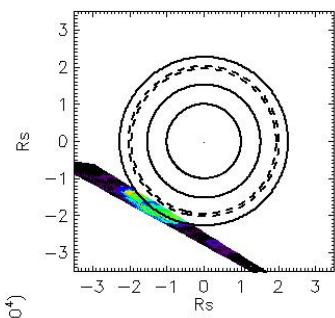
Observation Name:
UMS_198RLSPOKEMOV005_JSS

Observation Date:
2013_295_13_34_59

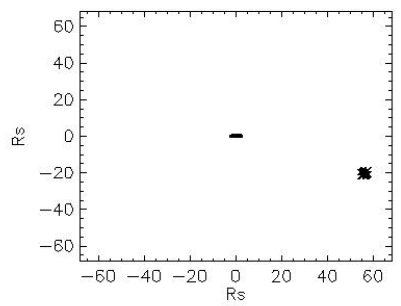
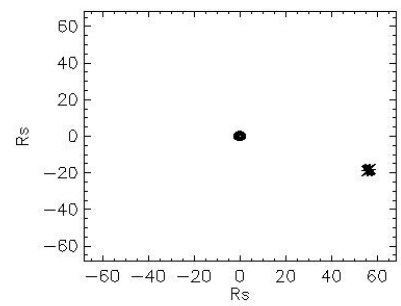
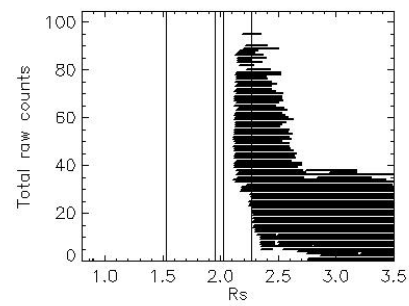
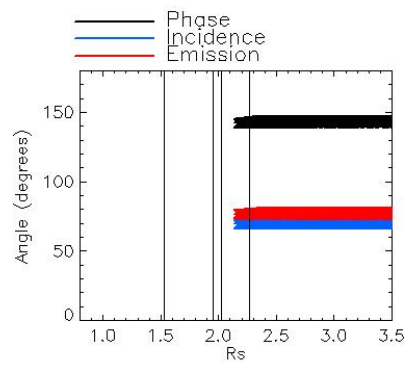
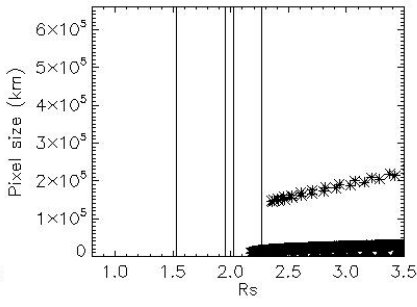
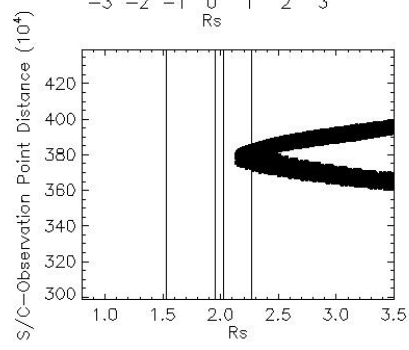
Observation Duration:
300 S

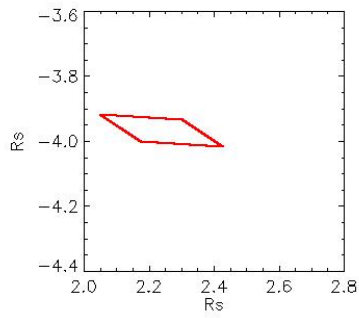
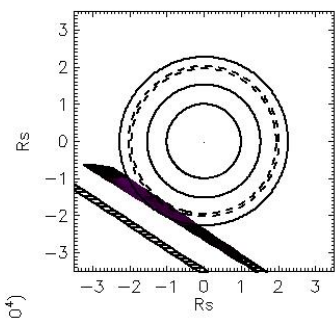
Integration time = 300 S





Observation Name:
 UVS_199RLSPOKEMOV002_JSS
 Observation Date:
 2013_315_12_10_00
 Observation Duration:
 59400 S
 Integration time = 300 S



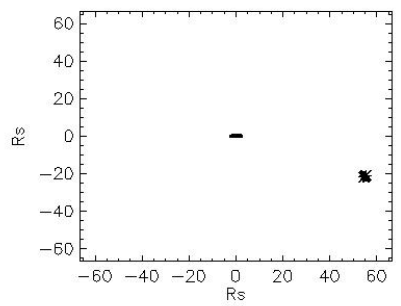
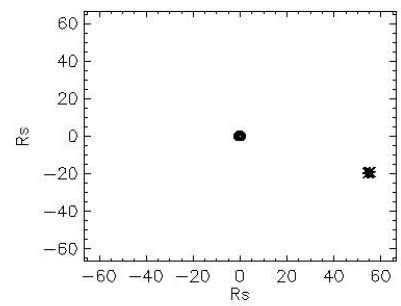
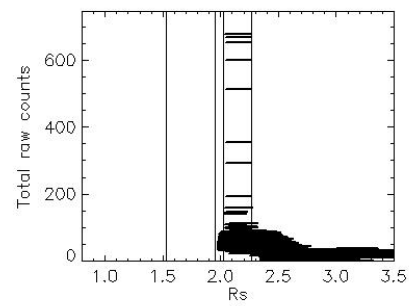
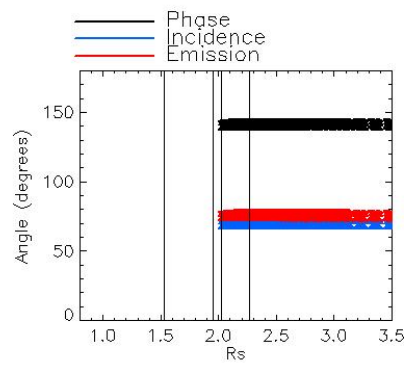
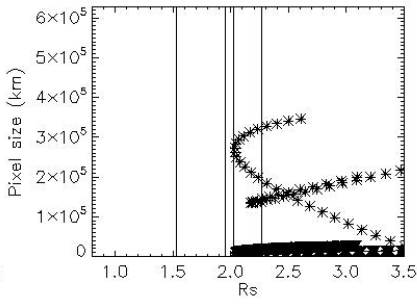
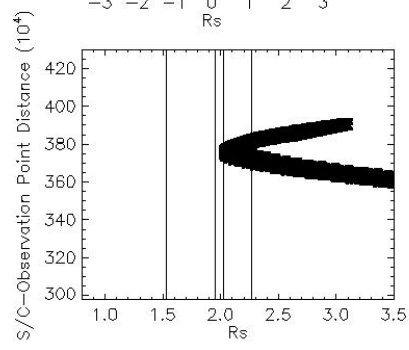


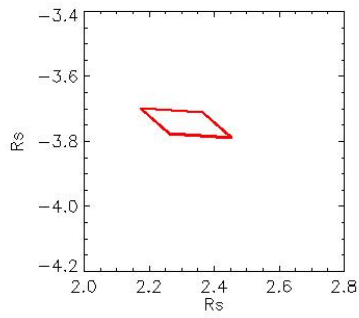
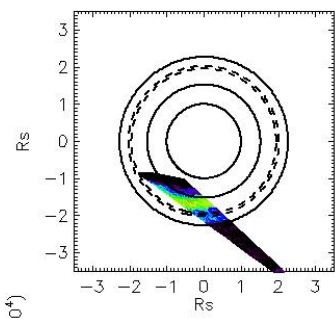
Observation Name:
UMS_199RLSPOKEMOV002_JSS

Observation Date:
2013_316_04_44_59

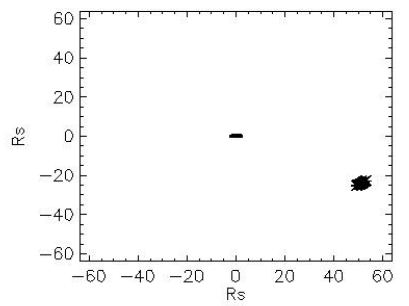
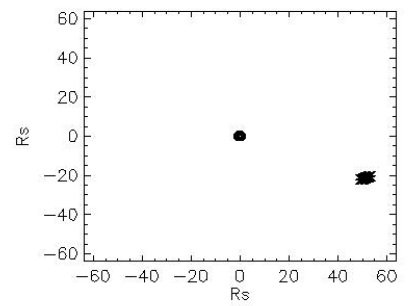
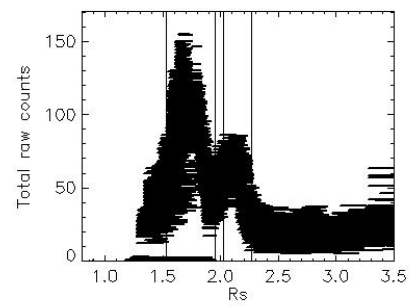
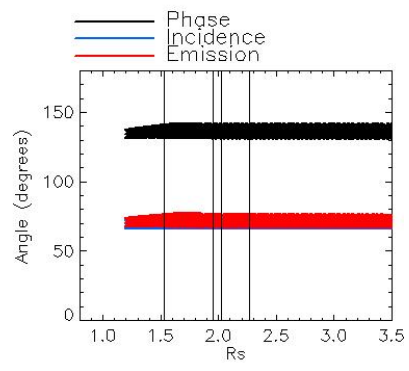
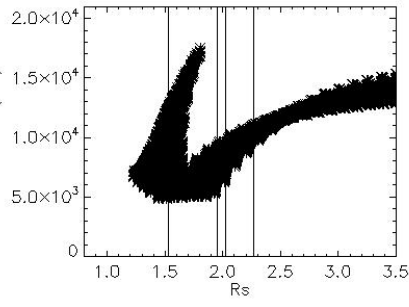
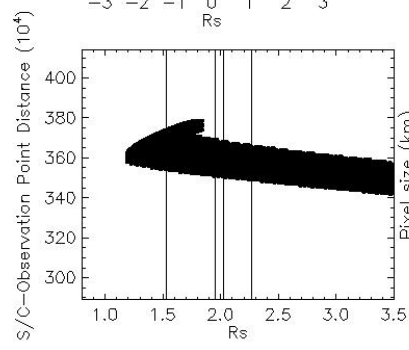
Observation Duration:
46200 S

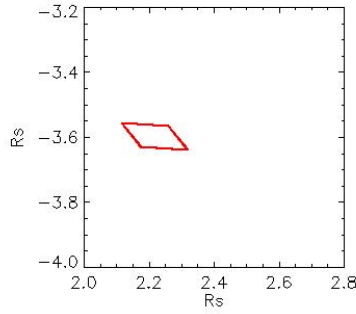
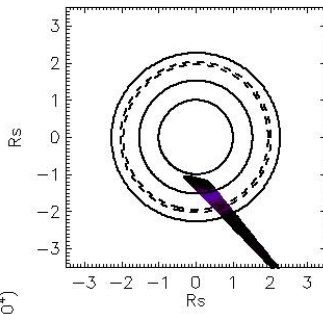
Integration time = 300 S





Observation Name:
 UVS_199RLSPOKEMOV003_JSS
 Observation Date:
 2013_317_05_05_01
 Observation Duration:
 131100 S
 Integration time = 300 S



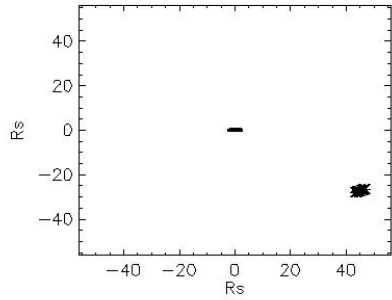
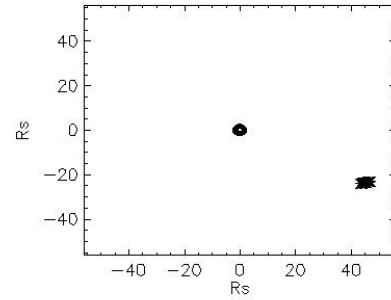
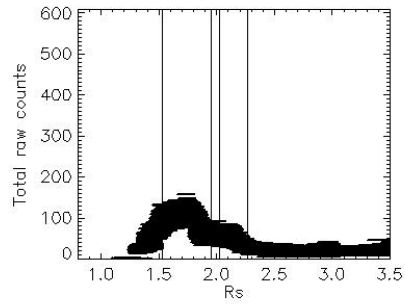
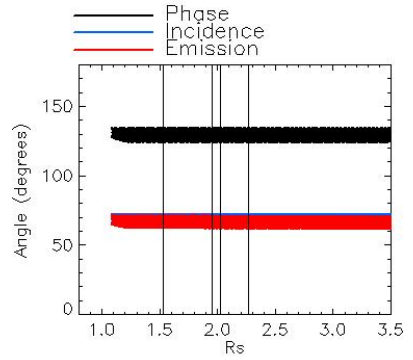
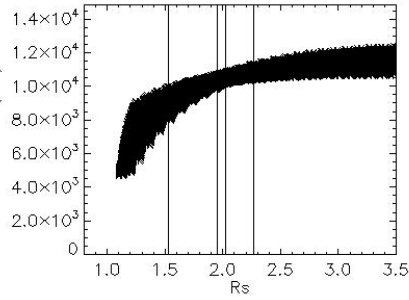
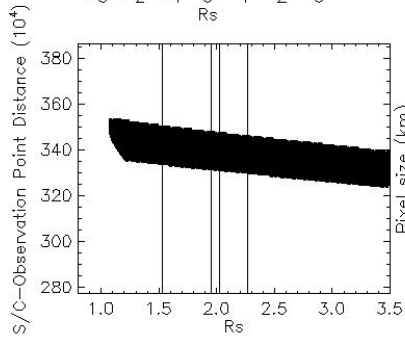


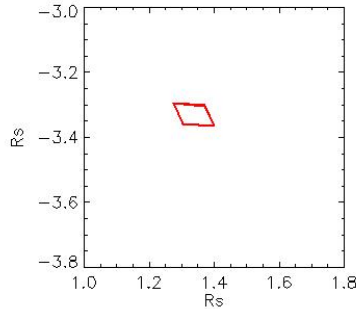
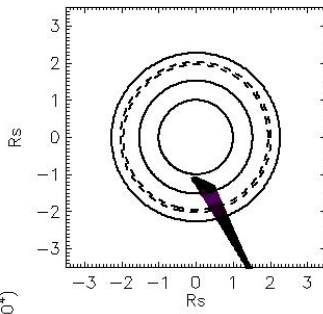
Observation Name:
UMS_199RLSPOKEMOV004_JSS

Observation Date:
2013_319_13_05_01

Observation Duration:
101400 S

Integration time = 300 S



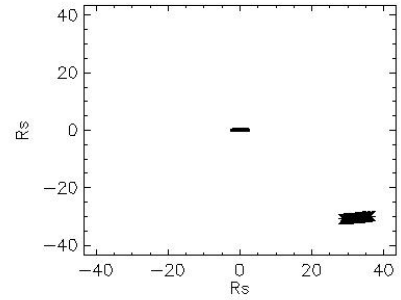
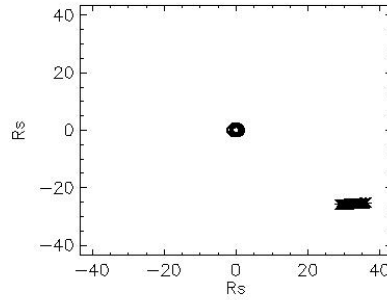
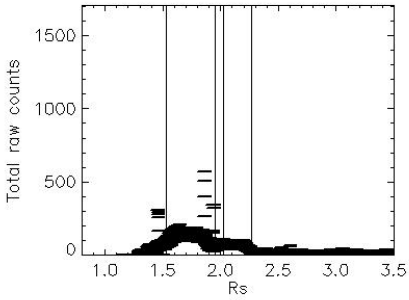
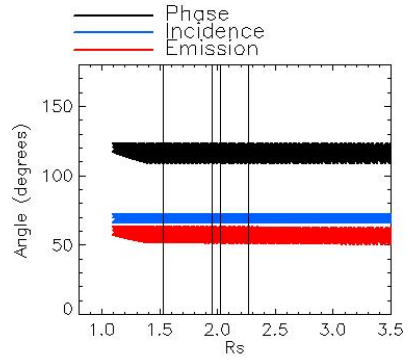
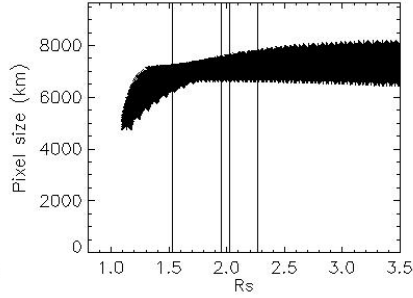
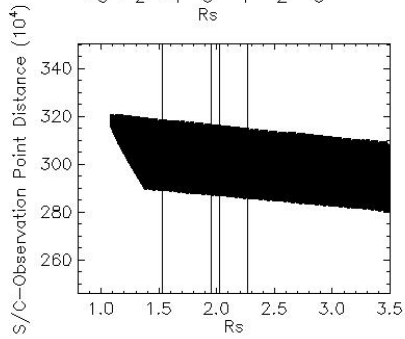


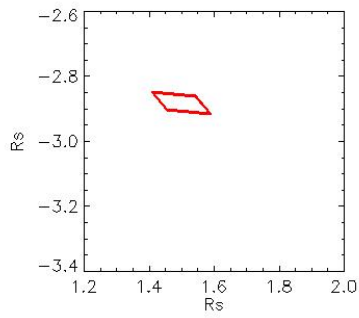
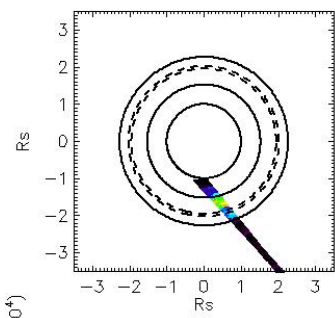
Observation Name:
UMS_199RLSPOKEMOV006_JSS

Observation Date:
2013_322_14_50_01

Observation Duration:
157200 S

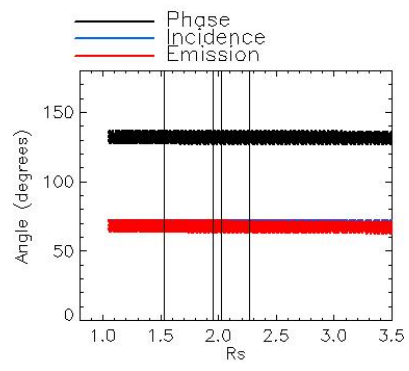
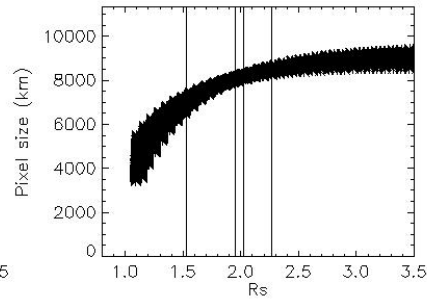
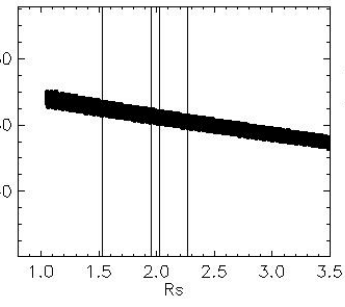
Integration time = 300 S



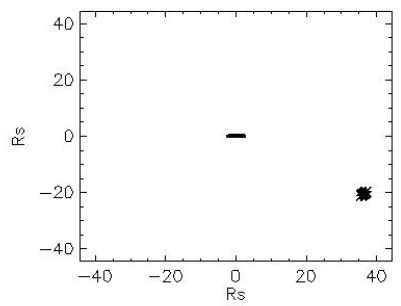
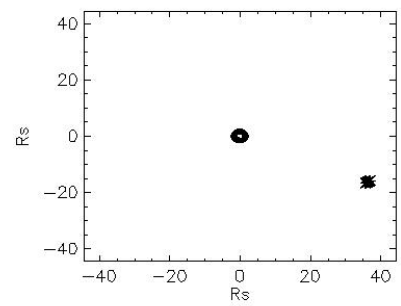
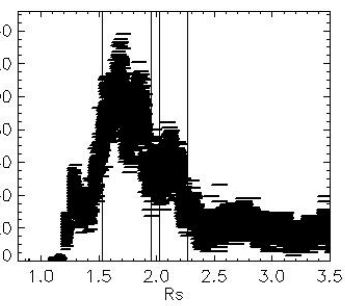


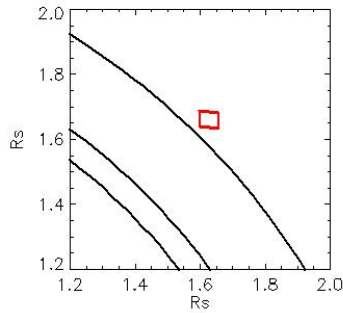
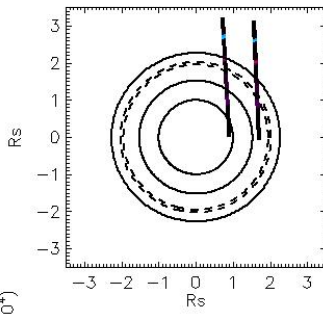
Observation Name:
 UVS_200RLSPOKEMOV001_JSS
 Observation Date:
 2013_352_03_07_00
 Observation Duration:
 50100 S
 Integration time = 300 S

S/C—Observation Point Distance (10^4)



Total raw counts



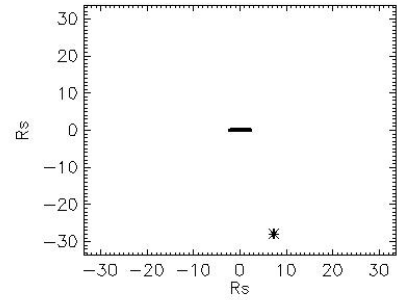
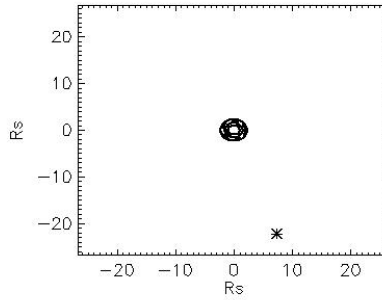
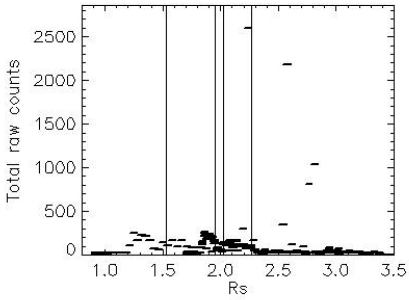
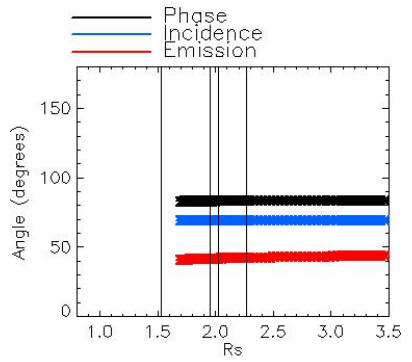
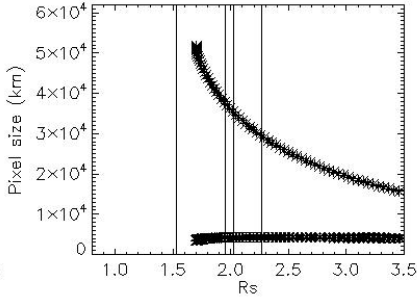
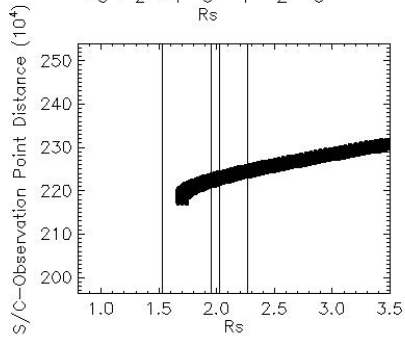


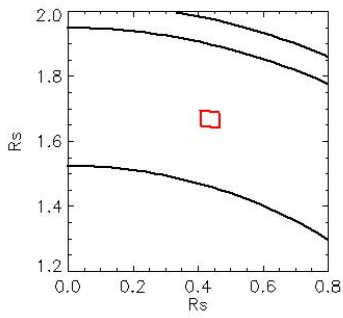
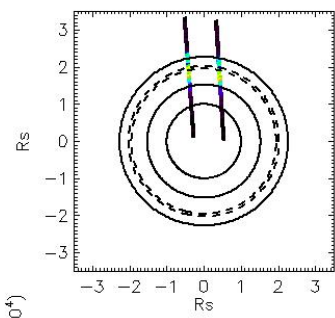
Observation Name:
UVS_200RLAPOMOSAIC001_VIMS

Observation Date:
2013_359_22_38_01

Observation Duration:
1800 S

Integration time = 300 S



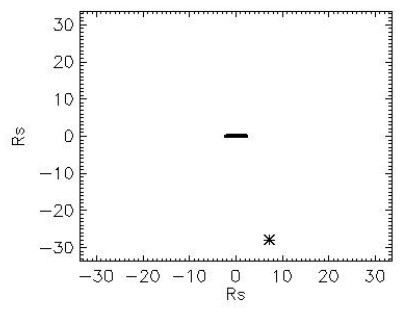
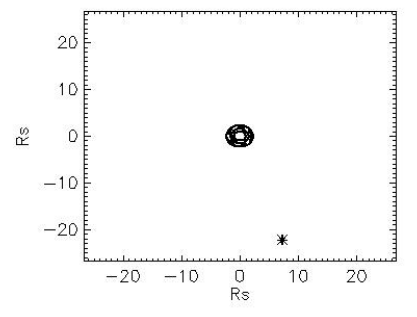
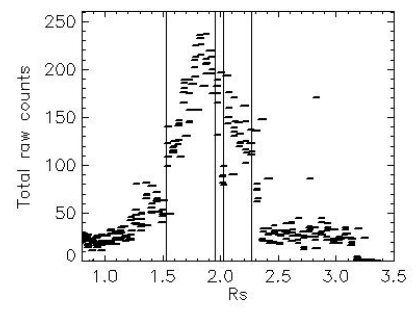
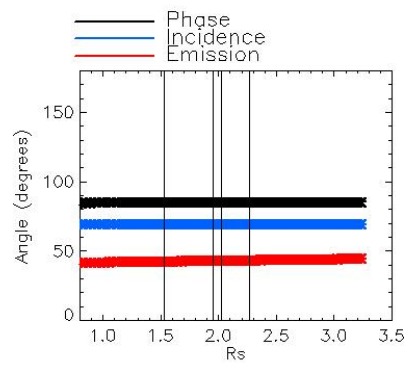
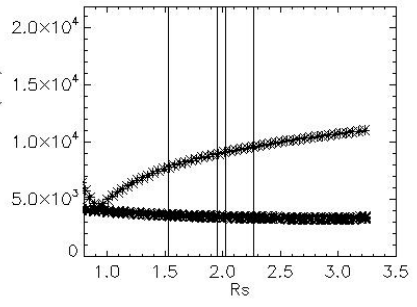
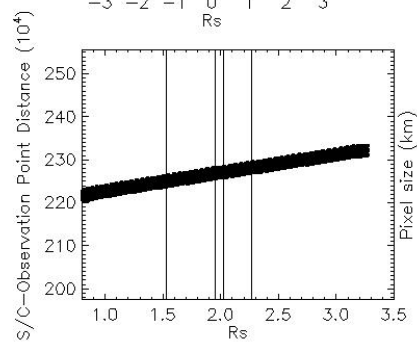


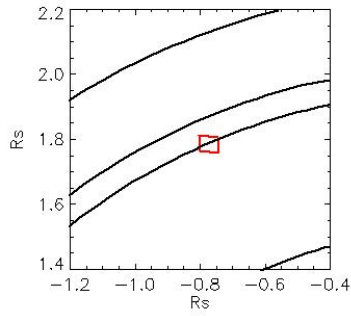
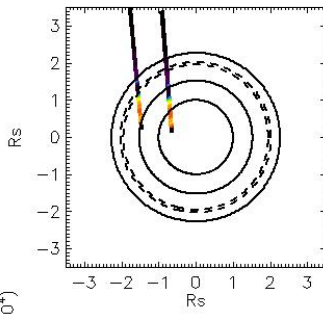
Observation Name:
UVS_200RLAPOMOSAIC001_VIMS

Observation Date:
2013_359_23_10_38

Observation Duration:
1800 S

Integration time = 300 S



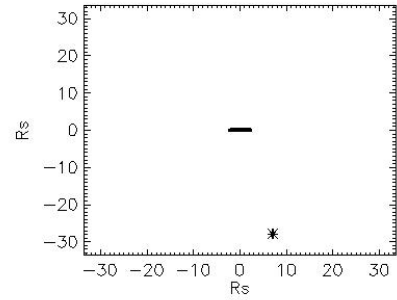
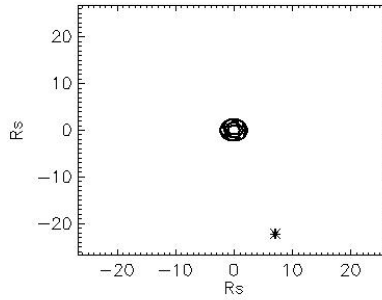
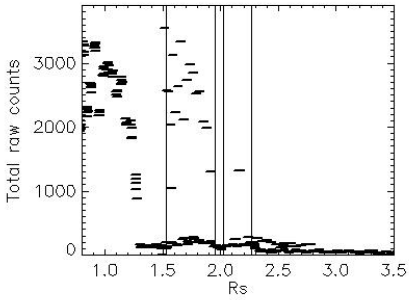
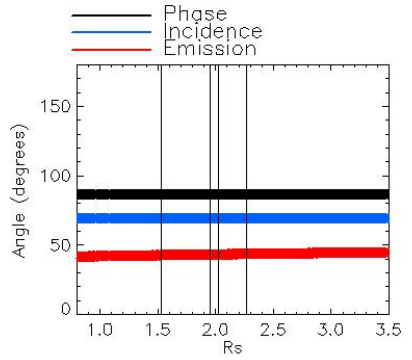
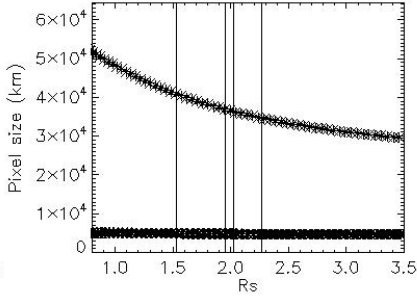
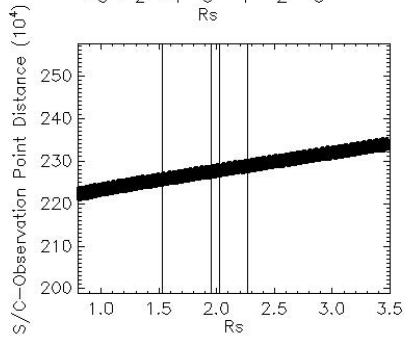


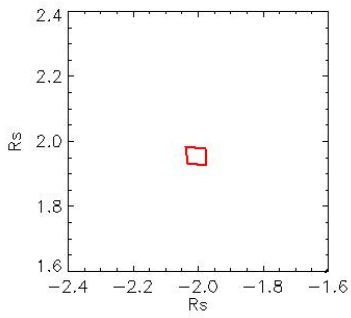
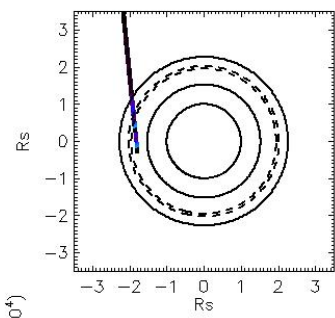
Observation Name:
UVS_200RLAPOMOSAIC001_VIMS

Observation Date:
2013_359_23_43_15

Observation Duration:
1800 S

Integration time = 300 S



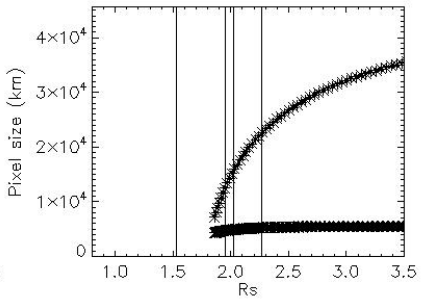
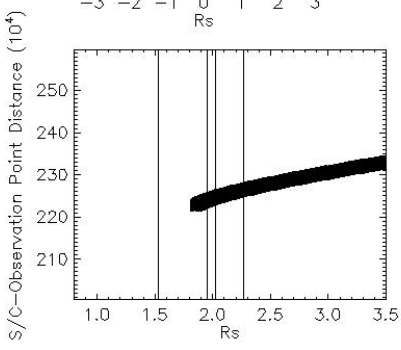


Observation Name:
UVS_200RLAPOMOSAIC001_VIMS

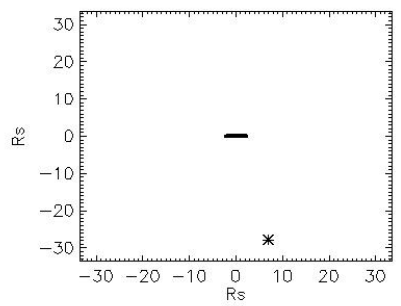
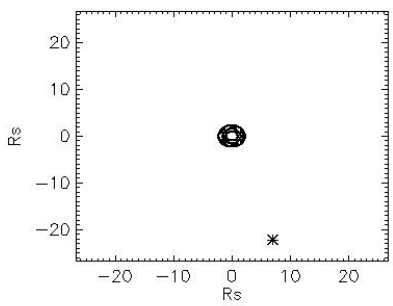
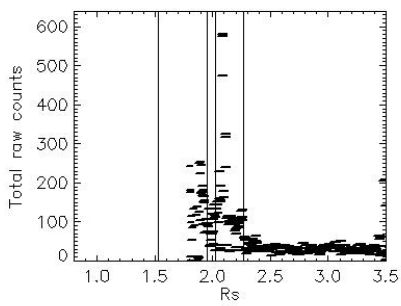
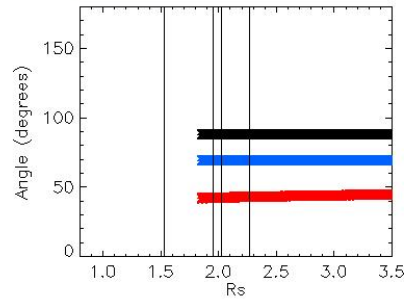
Observation Date:
2013_360_00_15_52

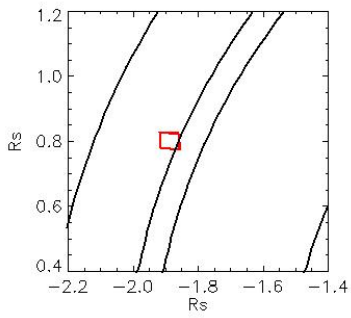
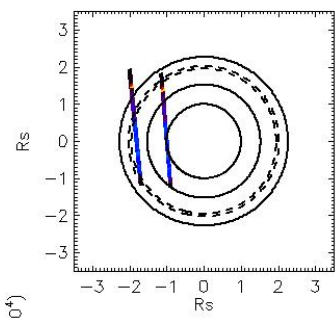
Observation Duration:
1800 S

Integration time = 300 S



— Phase
— Incidence
— Emission



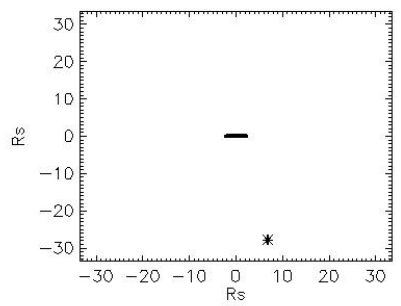
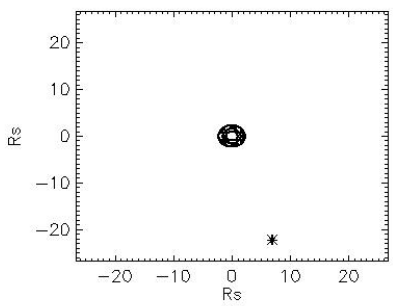
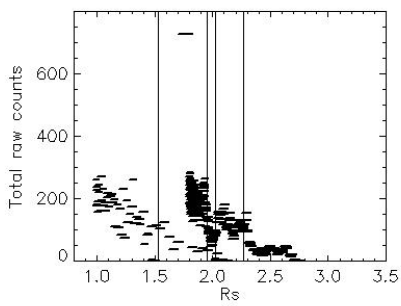
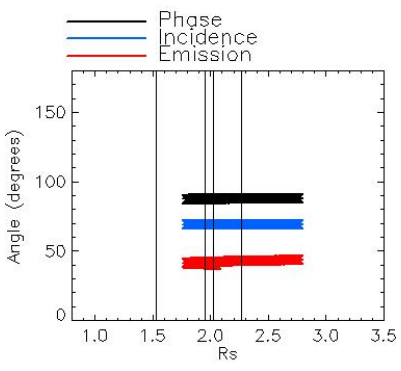
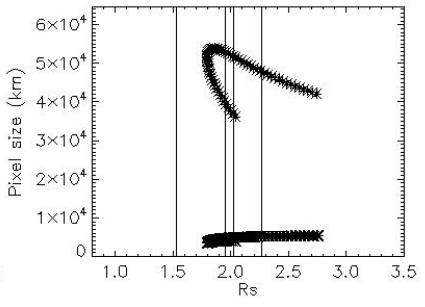
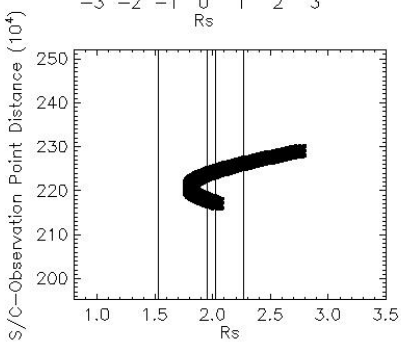


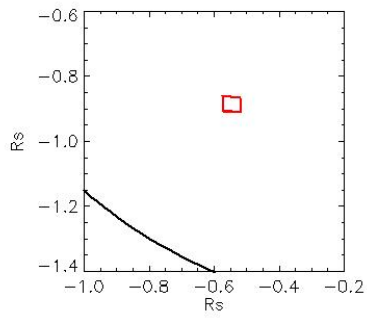
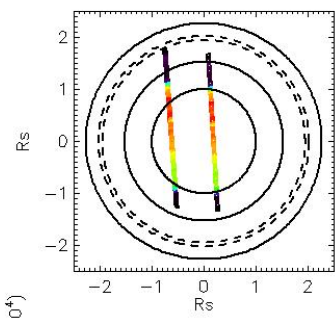
Observation Name:
UVS_200RLAPOMOSAIC001_VIMS

Observation Date:
2013_360_00_49_11

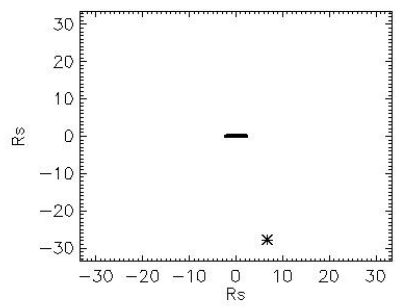
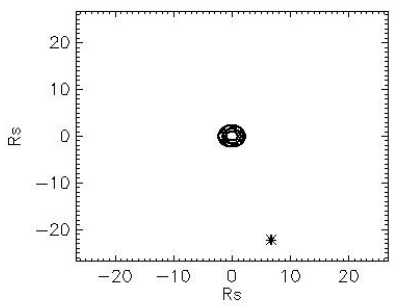
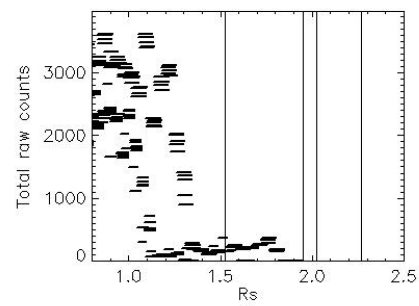
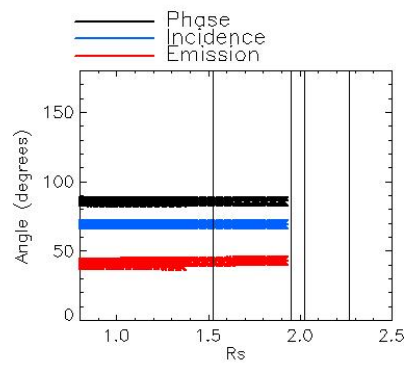
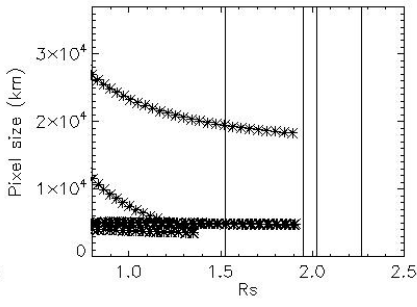
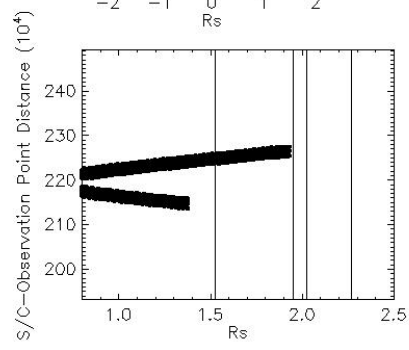
Observation Duration:
1800 S

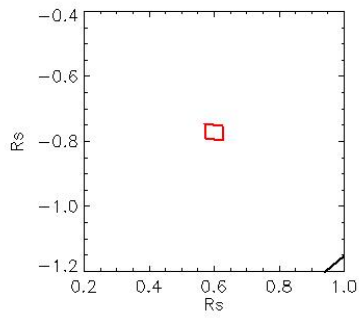
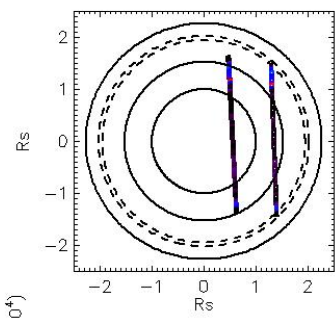
Integration time = 300 S



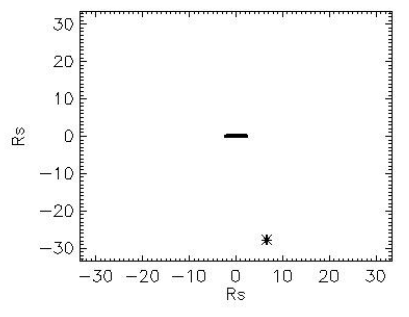
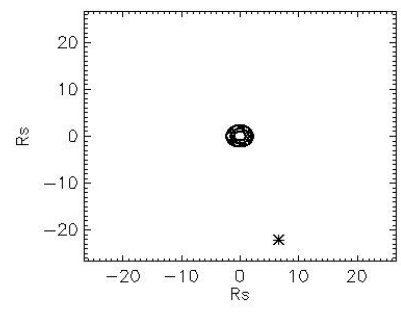
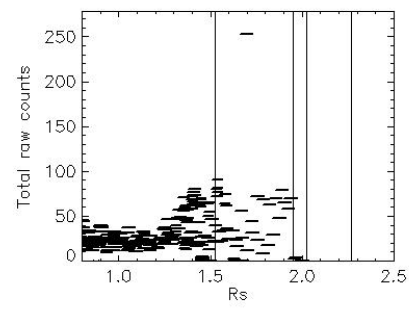
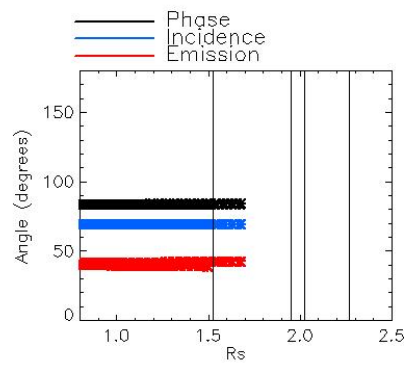
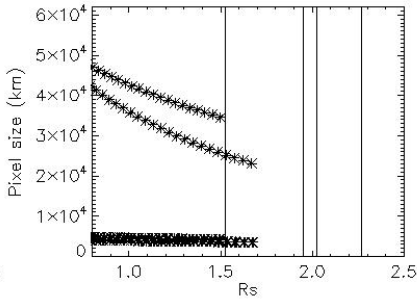
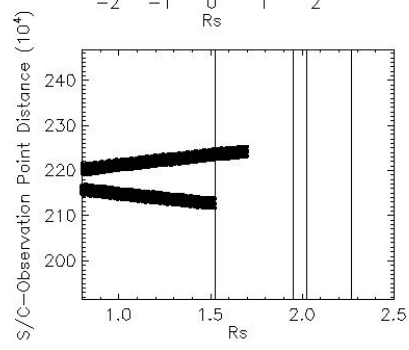


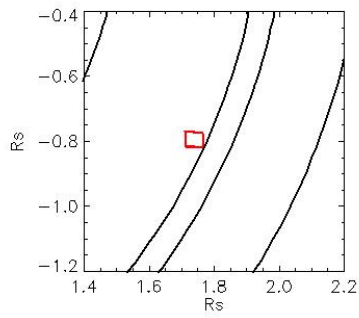
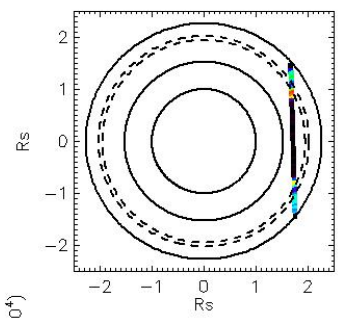
Observation Name:
 UVS_200RLAPOMOSAIC001_VIMS
 Observation Date:
 2013_360_01_21_48
 Observation Duration:
 1800 S
 Integration time = 300 S





Observation Name:
 UVS_200RLAPOMOSAIC001_VIMS
 Observation Date:
 2013_360_01_54_25
 Observation Duration:
 1800 S
 Integration time = 300 S





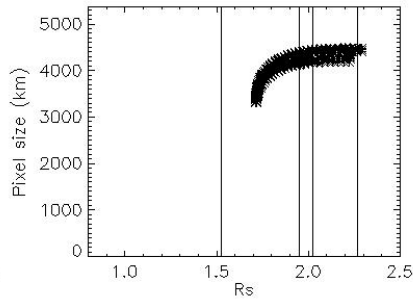
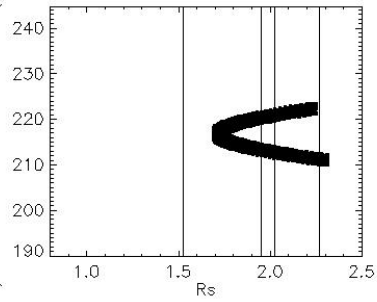
Observation Name:
UVIS_200RLAPOMOSAIC001_VIMS

Observation Date:
2013_360_02_27_02

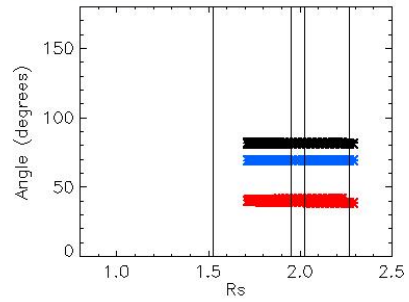
Observation Duration:
1800 S

Integration time = 300 S

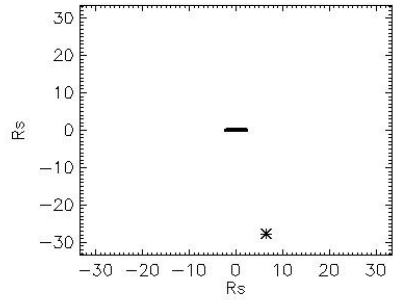
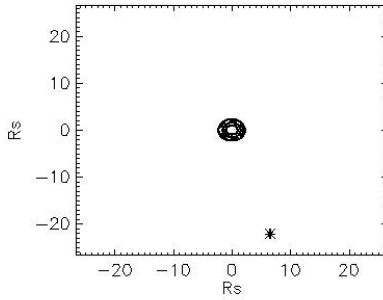
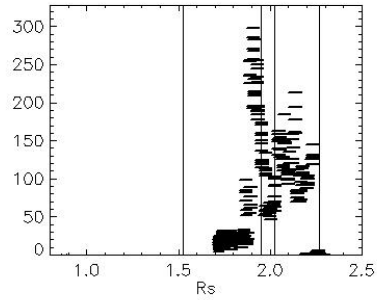
S/C—Observation Point Distance (10^4)

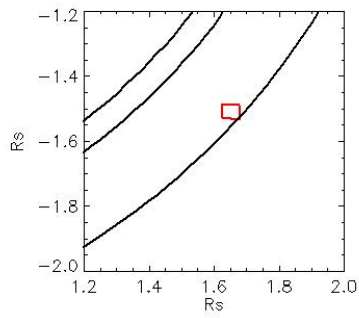
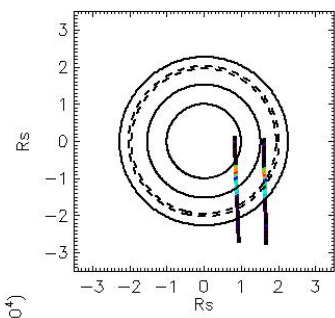


— Phase
— Incidence
— Emission



Total raw counts



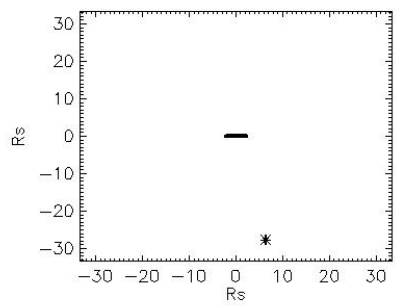
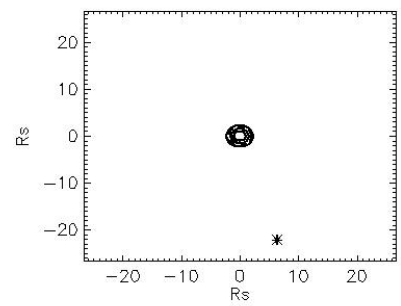
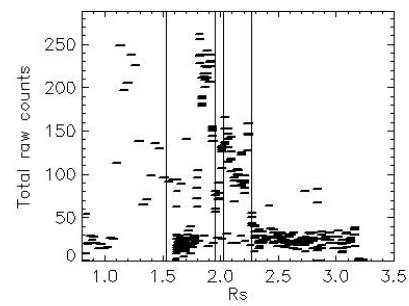
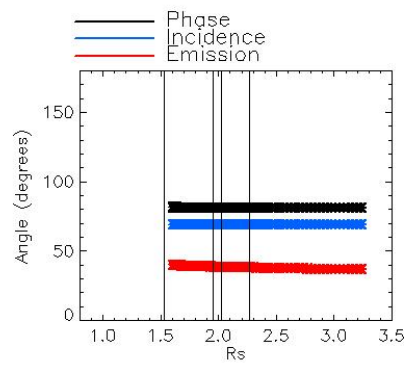
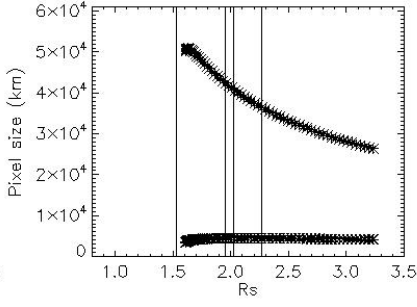
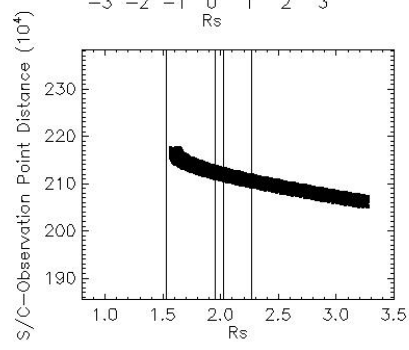


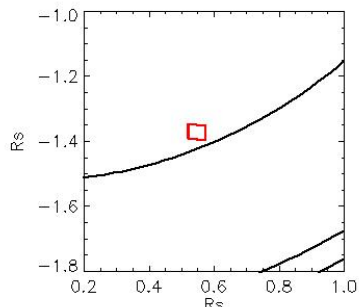
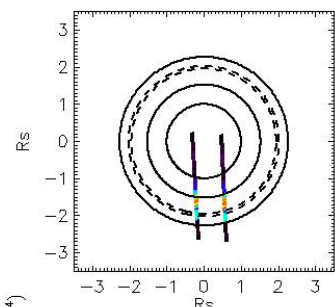
Observation Name:
UVS_200RLAPOMOSAIC001_VIMS

Observation Date:
2013_360_03_05_01

Observation Duration:
1800 S

Integration time = 300 S



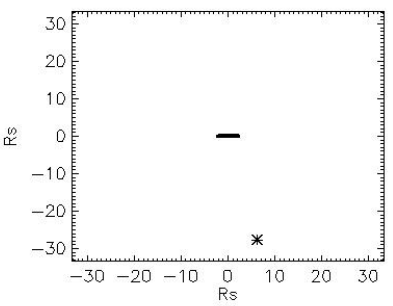
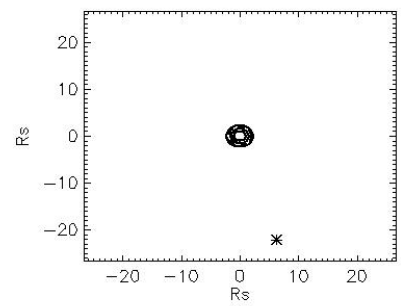
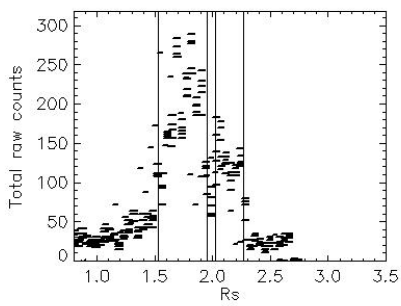
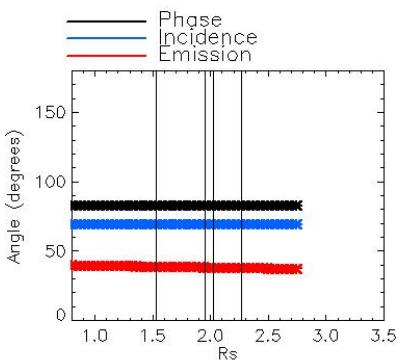
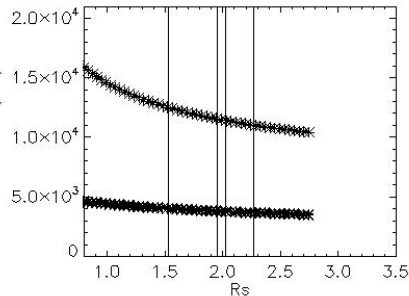
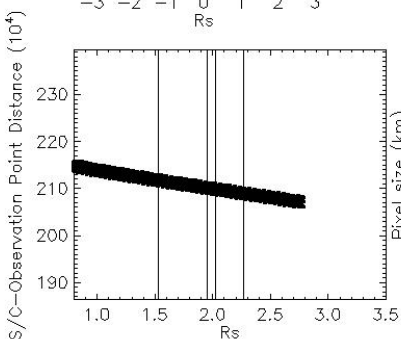


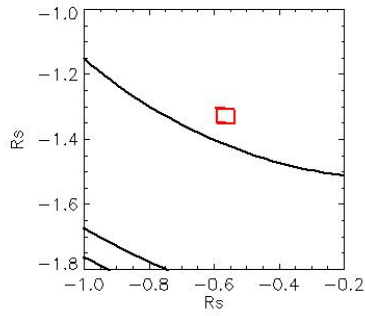
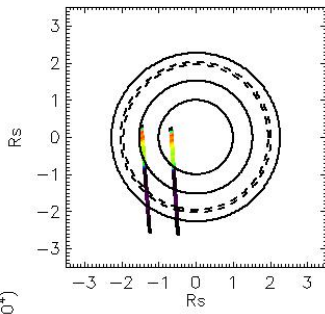
Observation Name:
UMS_200RLAPOMOSAIC001_VIMS

Observation Date:
2013_360_03_37_37

Observation Duration:
1800 S

Integration time = 300 S



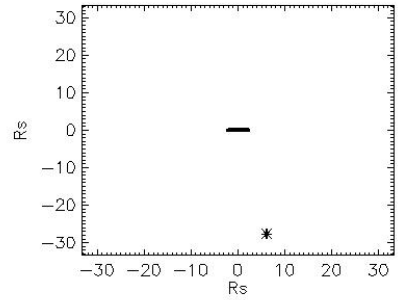
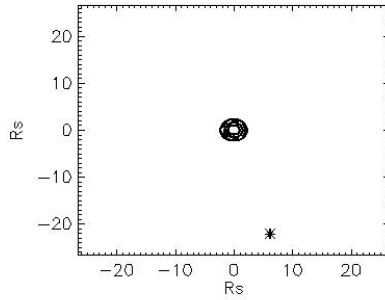
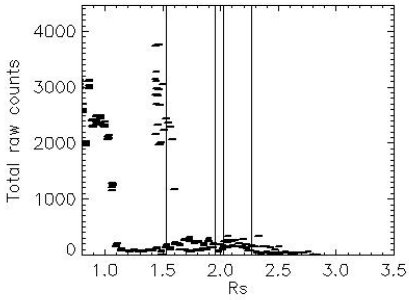
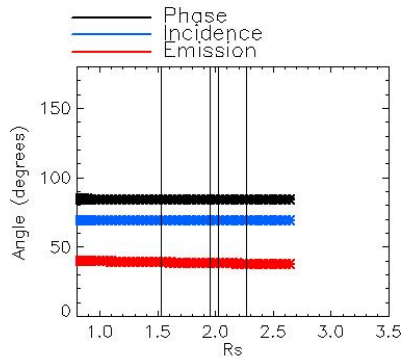
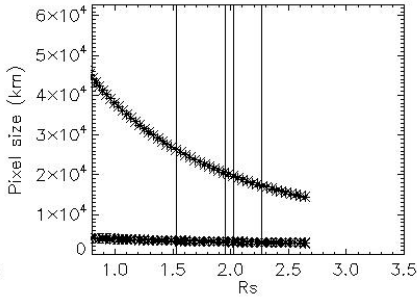
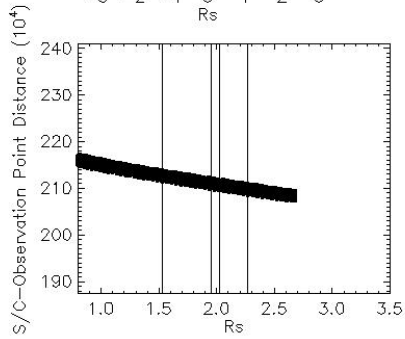


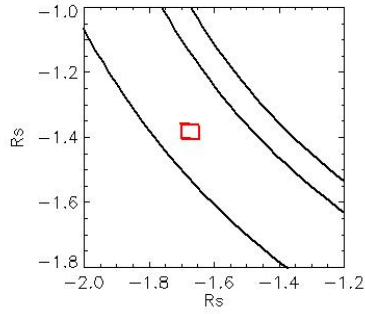
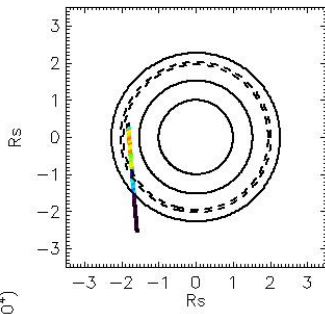
Observation Name:
UVIS_200RLAPOMOSAIC001_VIMS

Observation Date:
2013_360_04_10_13

Observation Duration:
1800 S

Integration time = 300 S



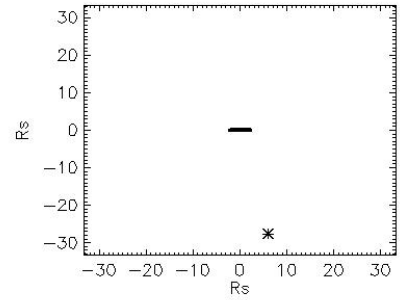
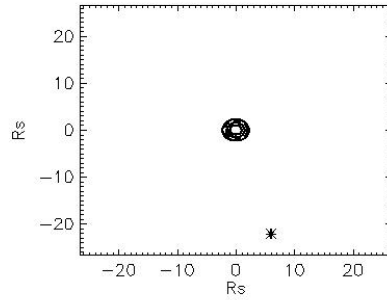
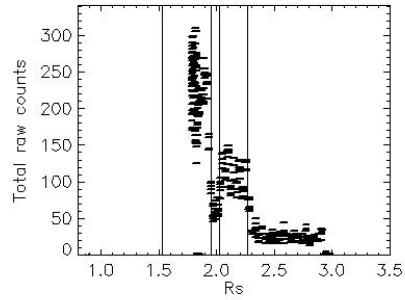
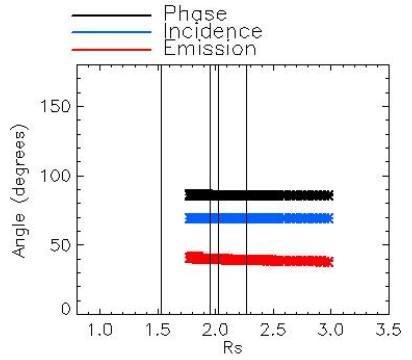
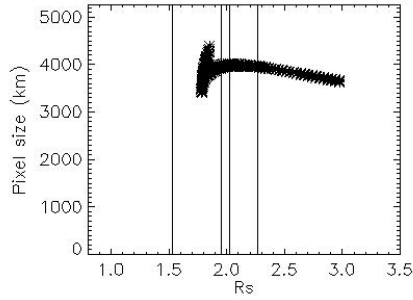
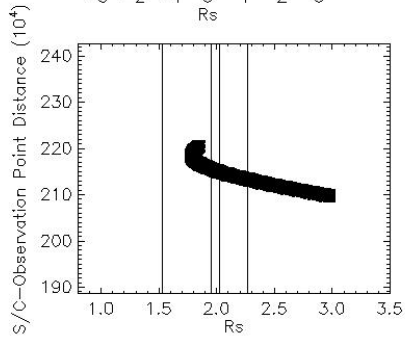


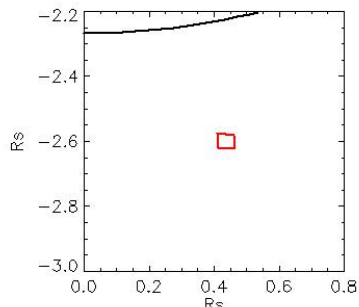
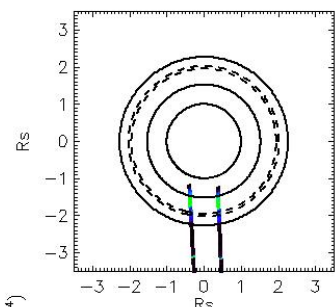
Observation Name:
UVS_200RLAPOMOSAIC001_VIMS

Observation Date:
2013_360_04_42_49

Observation Duration:
1800 S

Integration time = 300 S



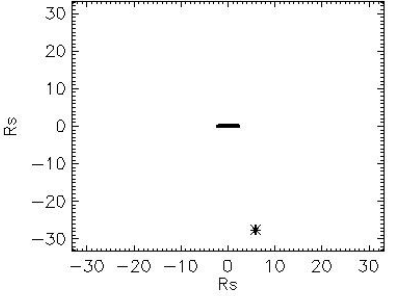
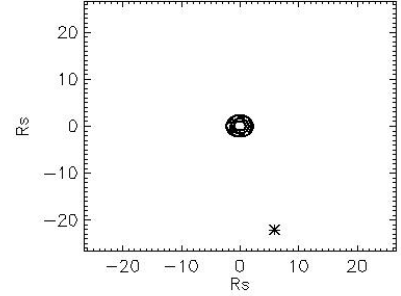
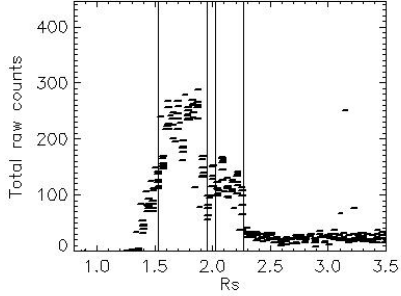
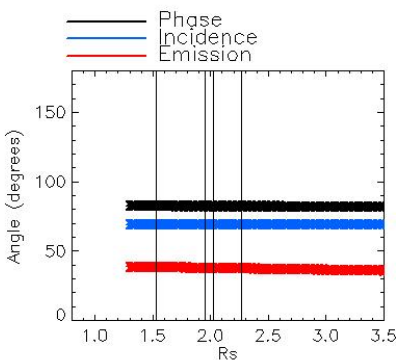
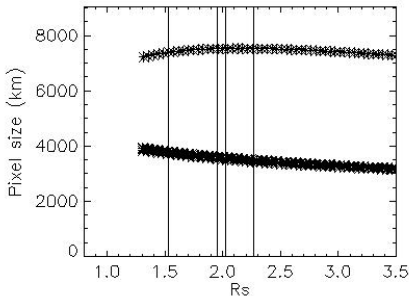
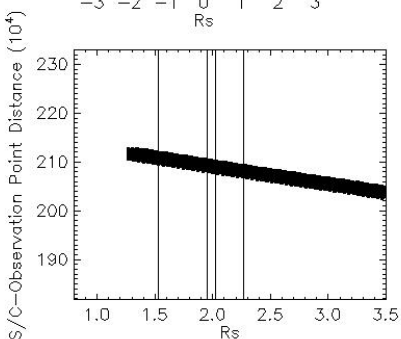


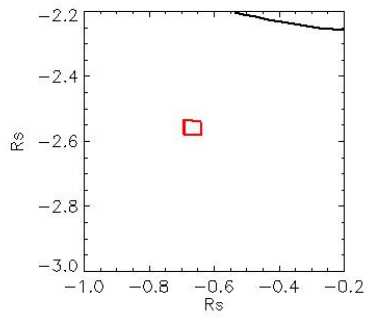
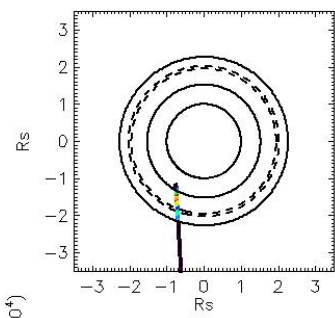
Observation Name:
UVS_200RLAPOMOSAIC001_VIMS

Observation Date:
2013_360_05_20_01

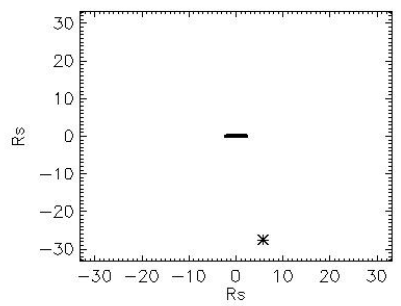
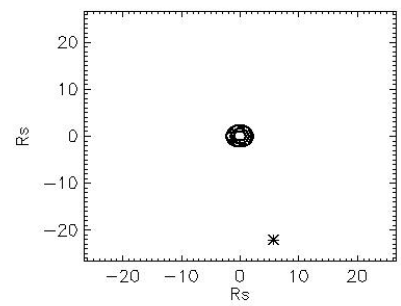
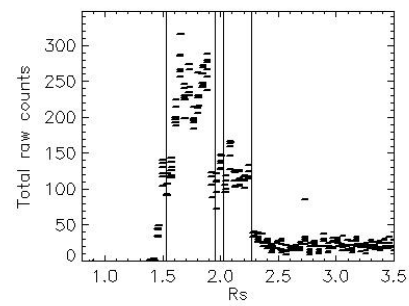
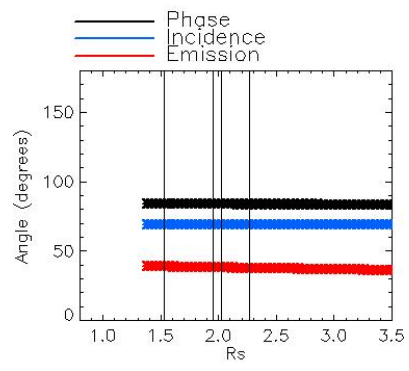
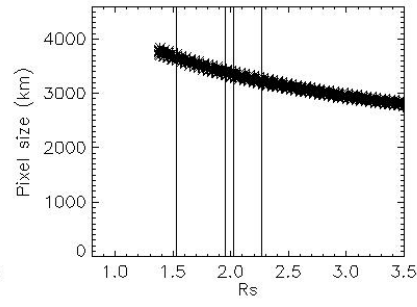
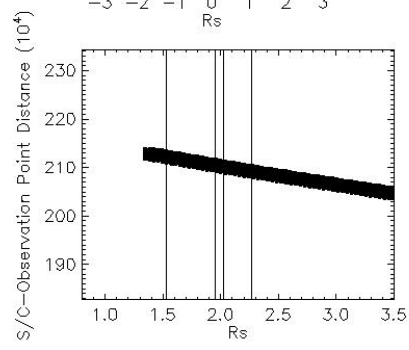
Observation Duration:
2100 S

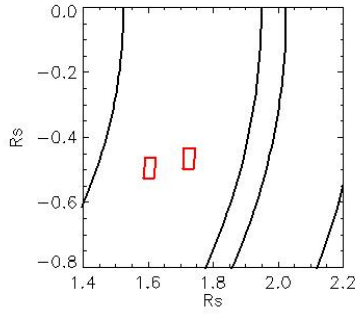
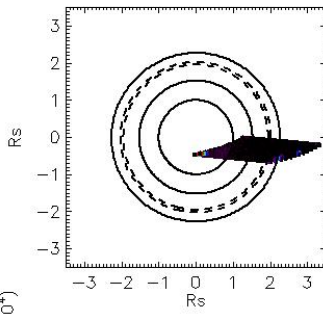
Integration time = 300 S





Observation Name:
UVS_200RLAPOMOSAIC001_VIMS
Observation Date:
2013_360_05_57_38
Observation Duration:
1800 S
Integration time = 300 S



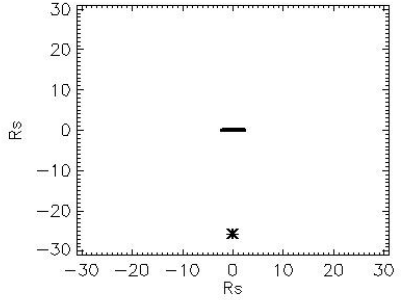
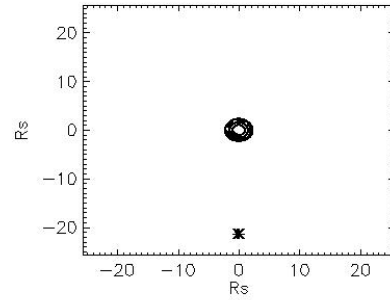
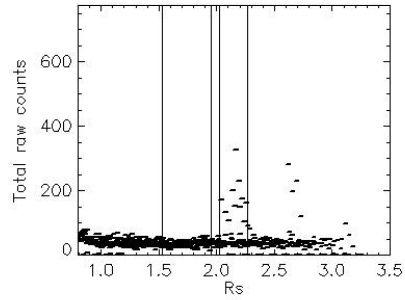
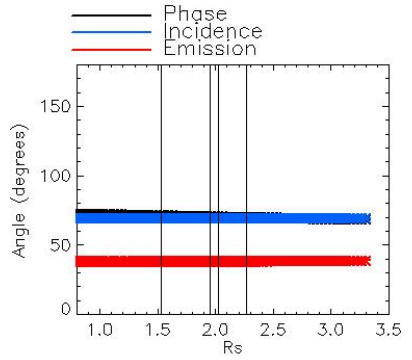
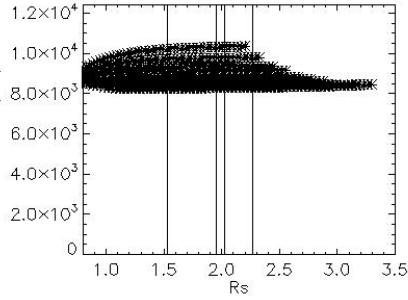
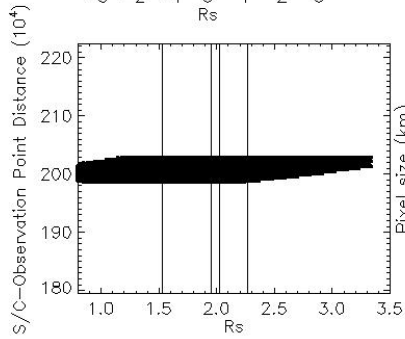


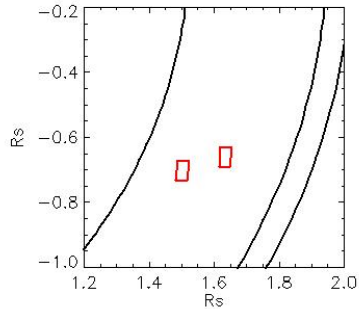
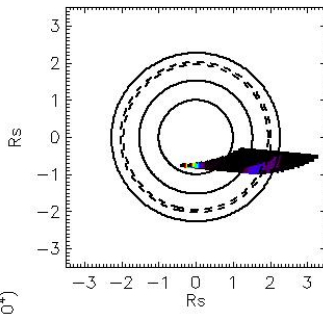
Observation Name:
UMS_200RLSHADEGRL001_CIRS

Observation Date:
2013_361_07_18_02

Observation Duration:
5280 S

Integration time = 480 S



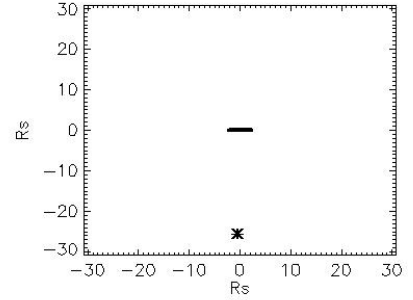
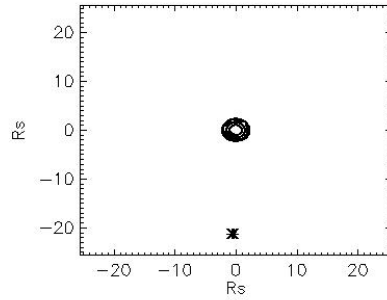
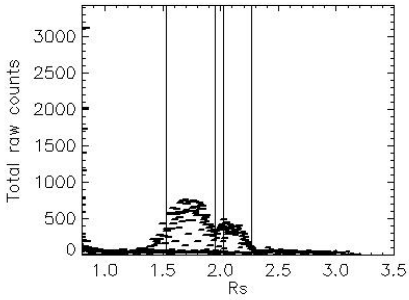
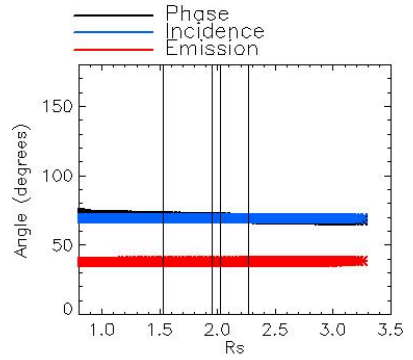
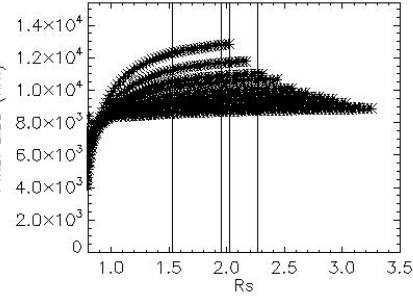
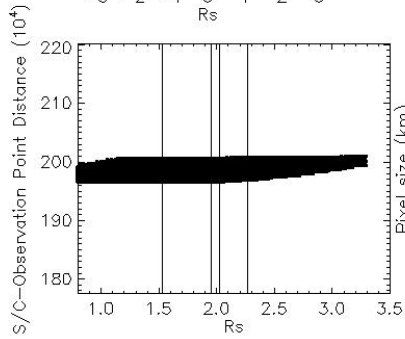


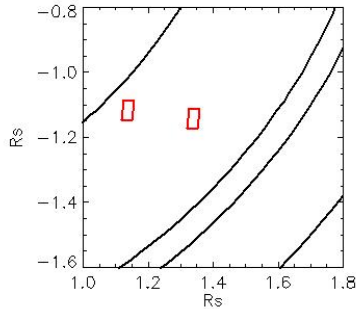
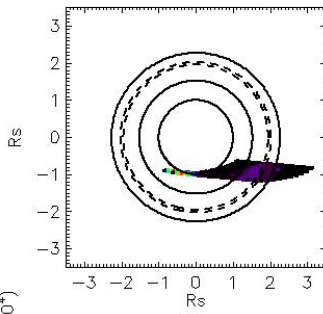
Observation Name:
UMS_200RLSHADEGRL001_CIRS

Observation Date:
2013_361_09_00_32

Observation Duration:
5280 S

Integration time = 480 S



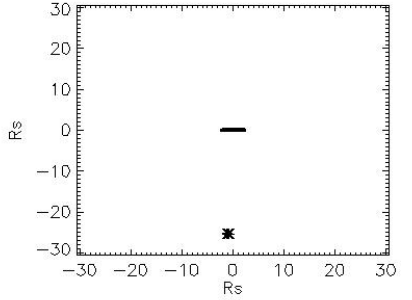
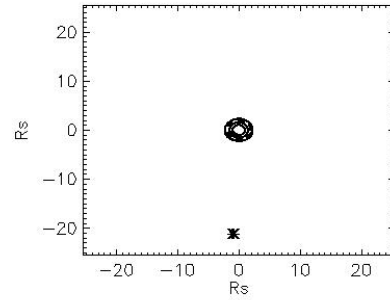
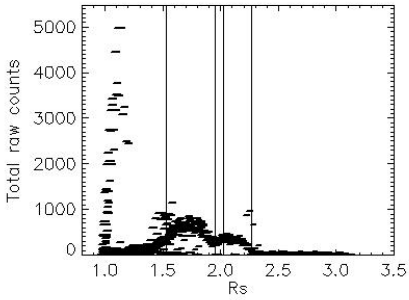
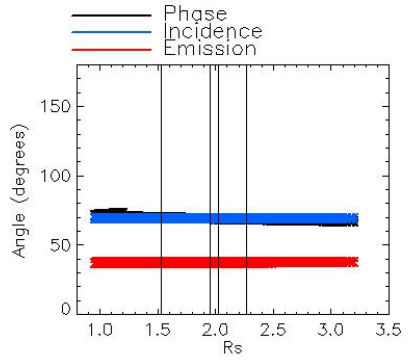
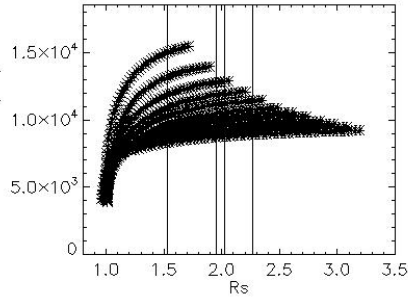
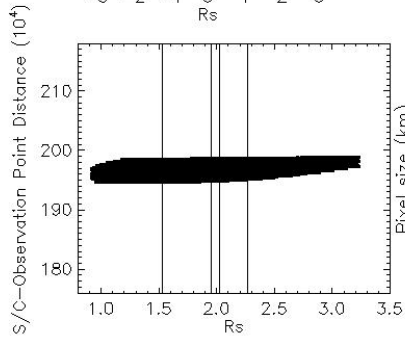


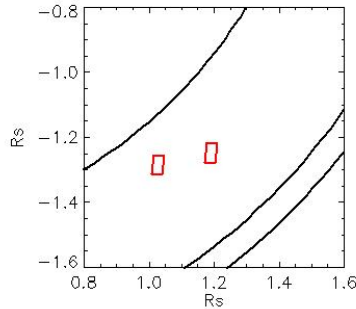
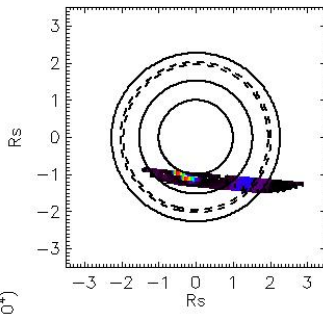
Observation Name:
UVS_200RLSHADEGRL001_CIRS

Observation Date:
2013_361_10_43_02

Observation Duration:
5760 S

Integration time = 480 S



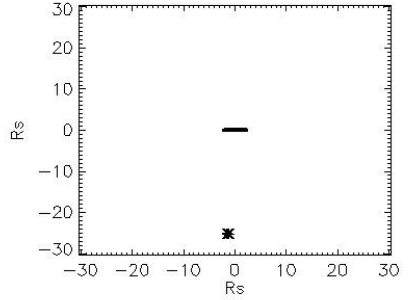
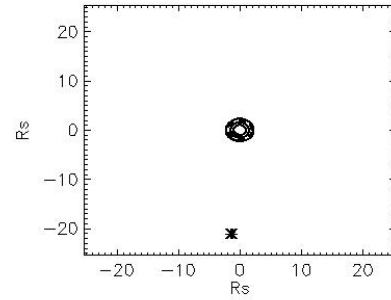
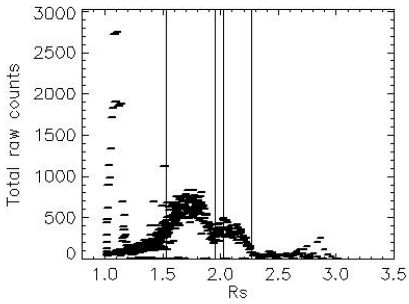
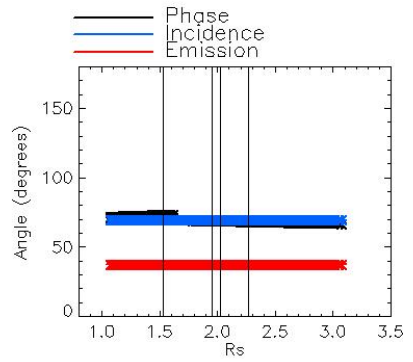
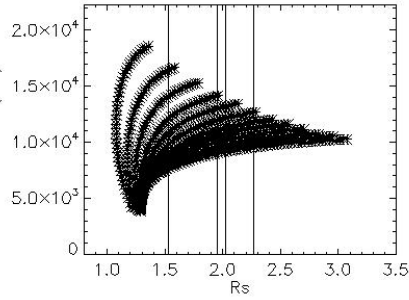
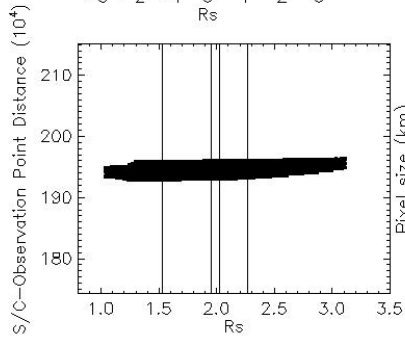


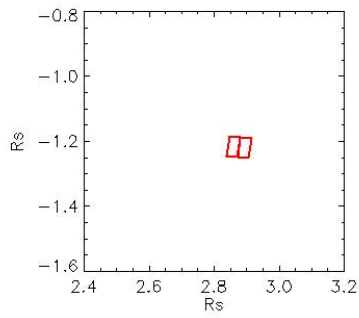
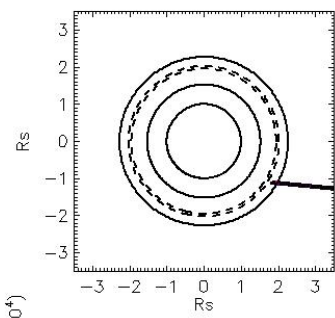
Observation Name:
UVS_200RLSHADEGRL001_CIRS

Observation Date:
2013_361_12_26_32

Observation Duration:
5760 S

Integration time = 480 S





Observation Name:
UVS_200RLSHADEGRL001_CIRS

Observation Date:
2013_361_14_15_02

Observation Duration:
480 S

Integration time = 480 S

