UVIS Rings Spectroscopy Atlas

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

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

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

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

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

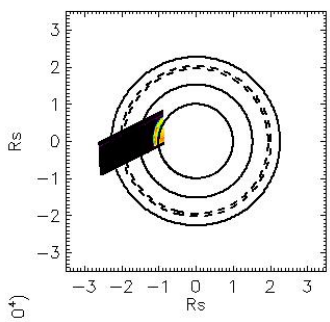
Middle center: Maximum projected smeared pixel size for all data records plotted against the radial location of the projected pixel at the middle of the integration period.

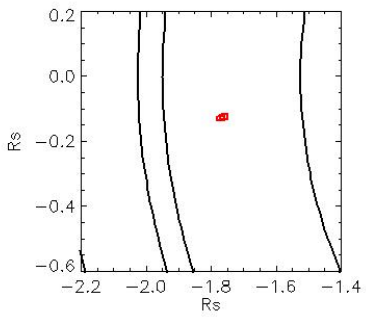
Middle right: Phase, incidence, and emission angles for each pixel for all data records at the middle of the integration period.

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

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

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



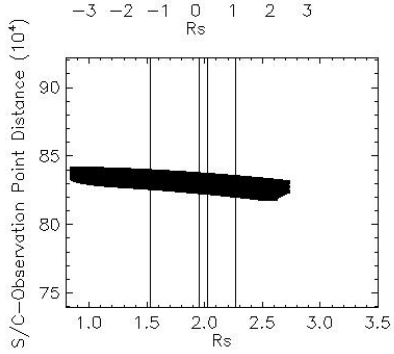


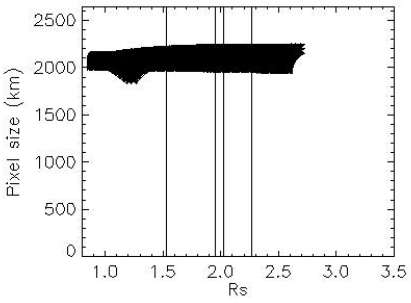
Observation Name:
UVIS_102RI_GAMCRUOCC001_VIMS

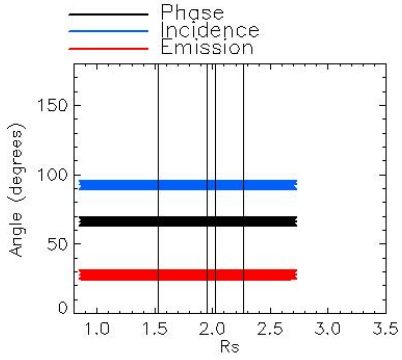
Observation Date:
2009_031_11_44_38

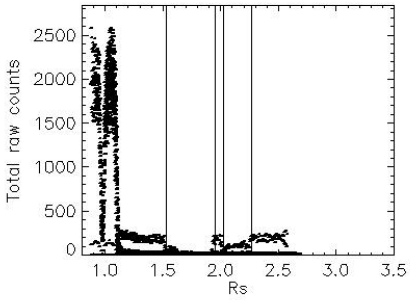
Observation Duration:
16800 S

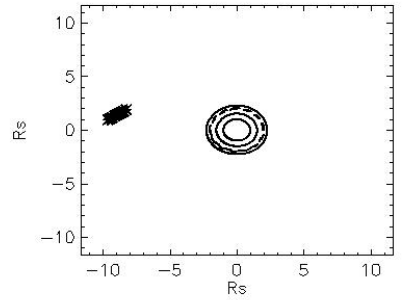
Integration time = 100 S

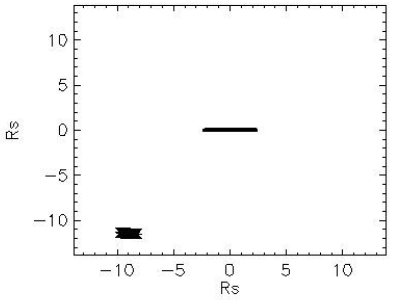


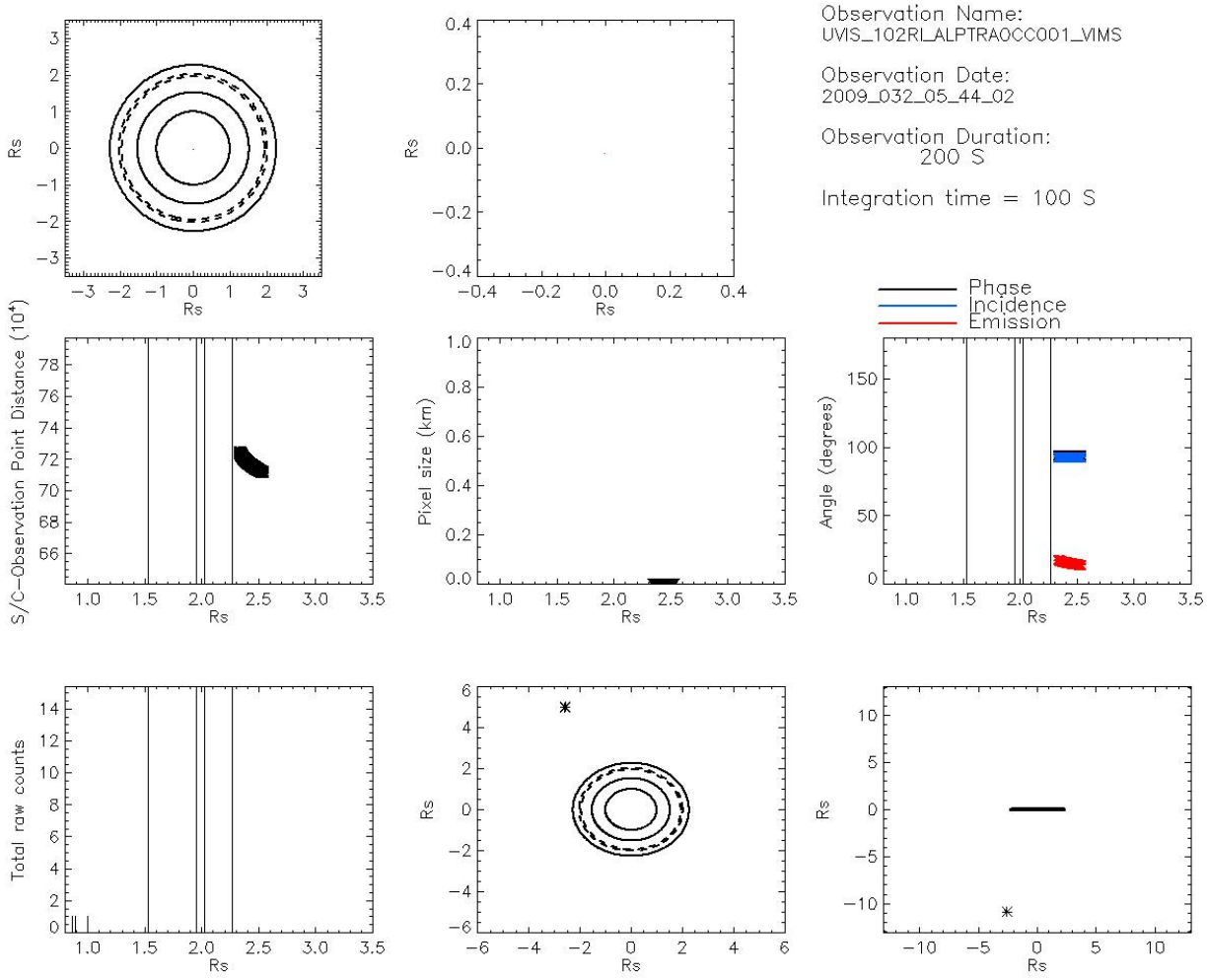


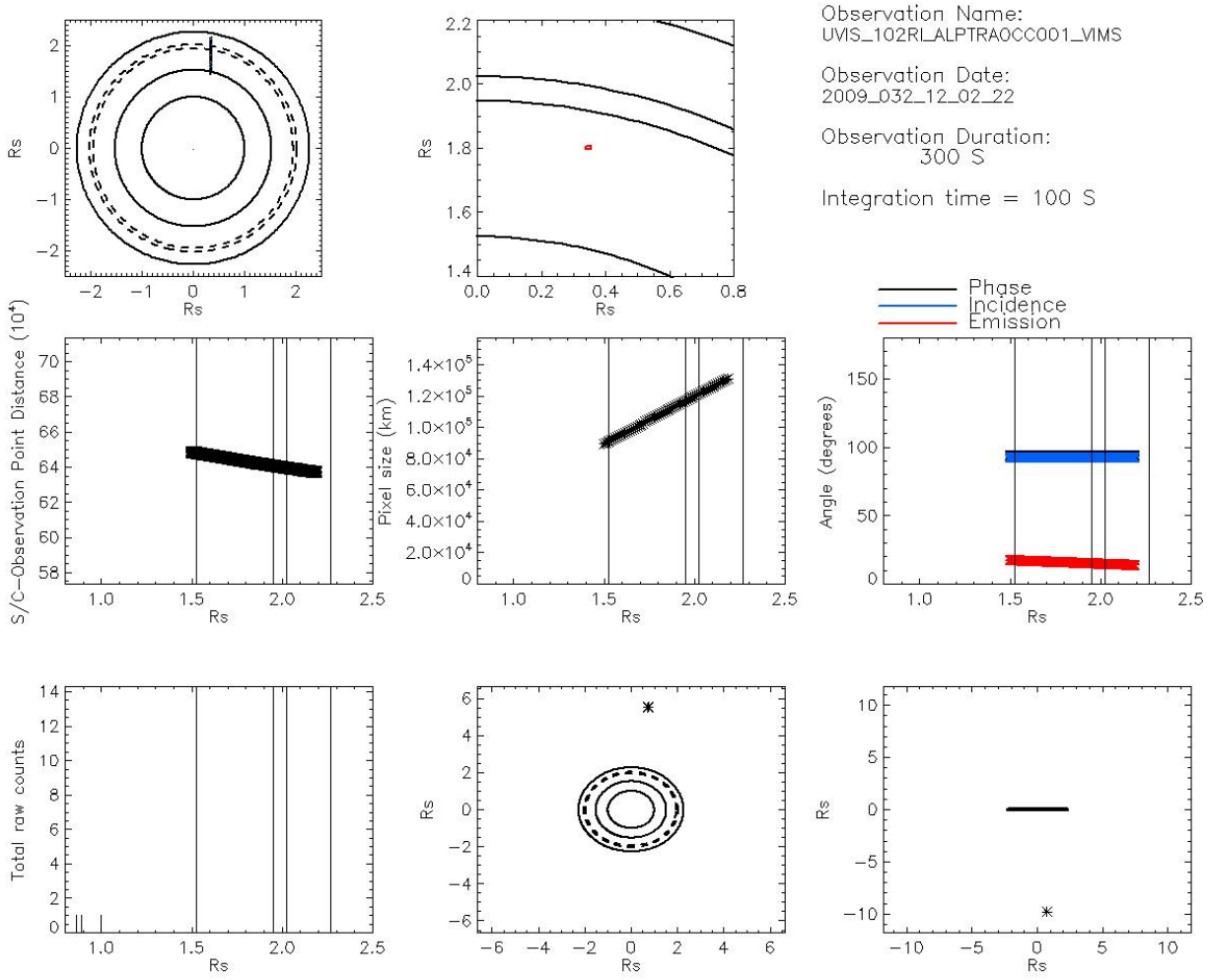


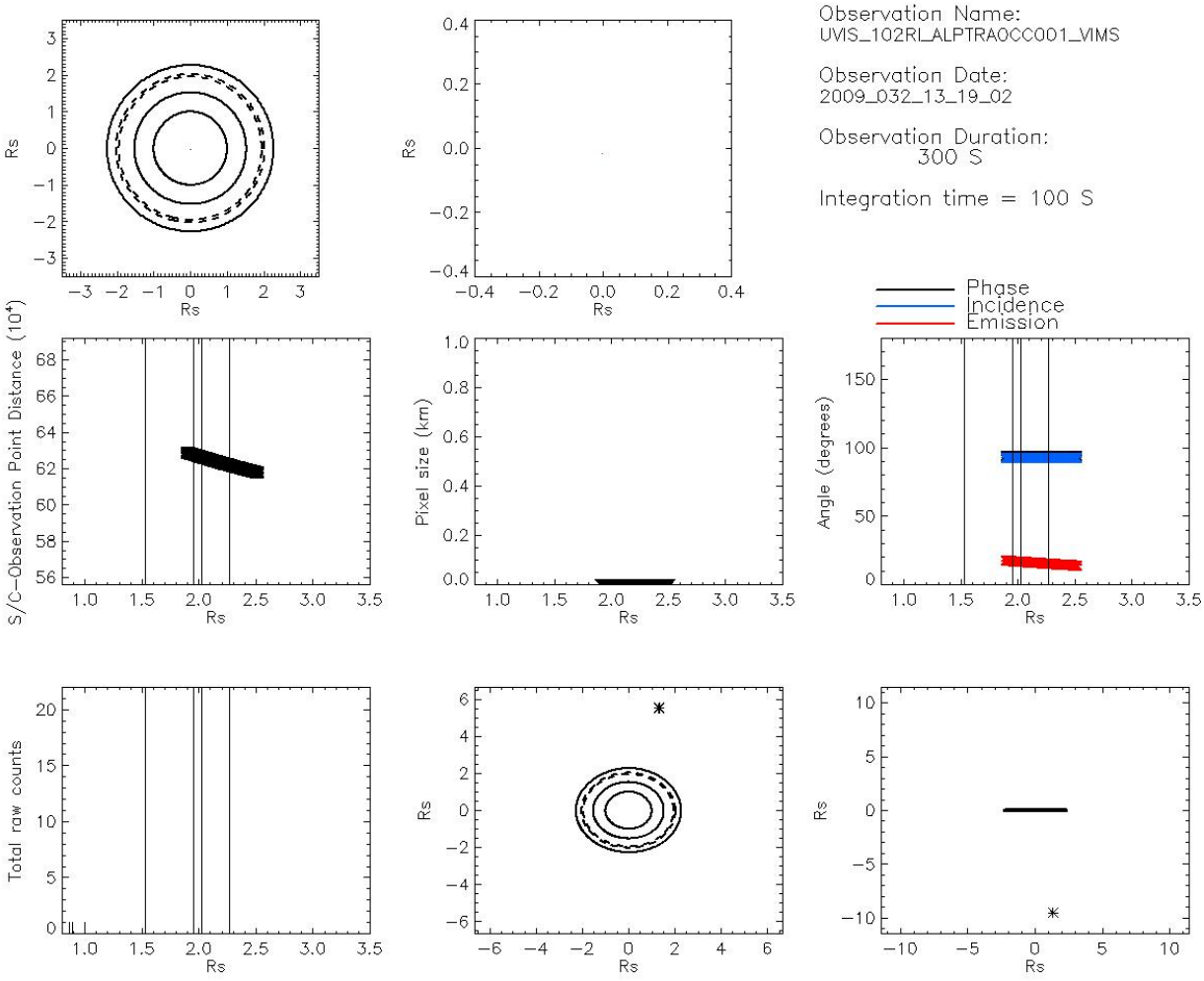


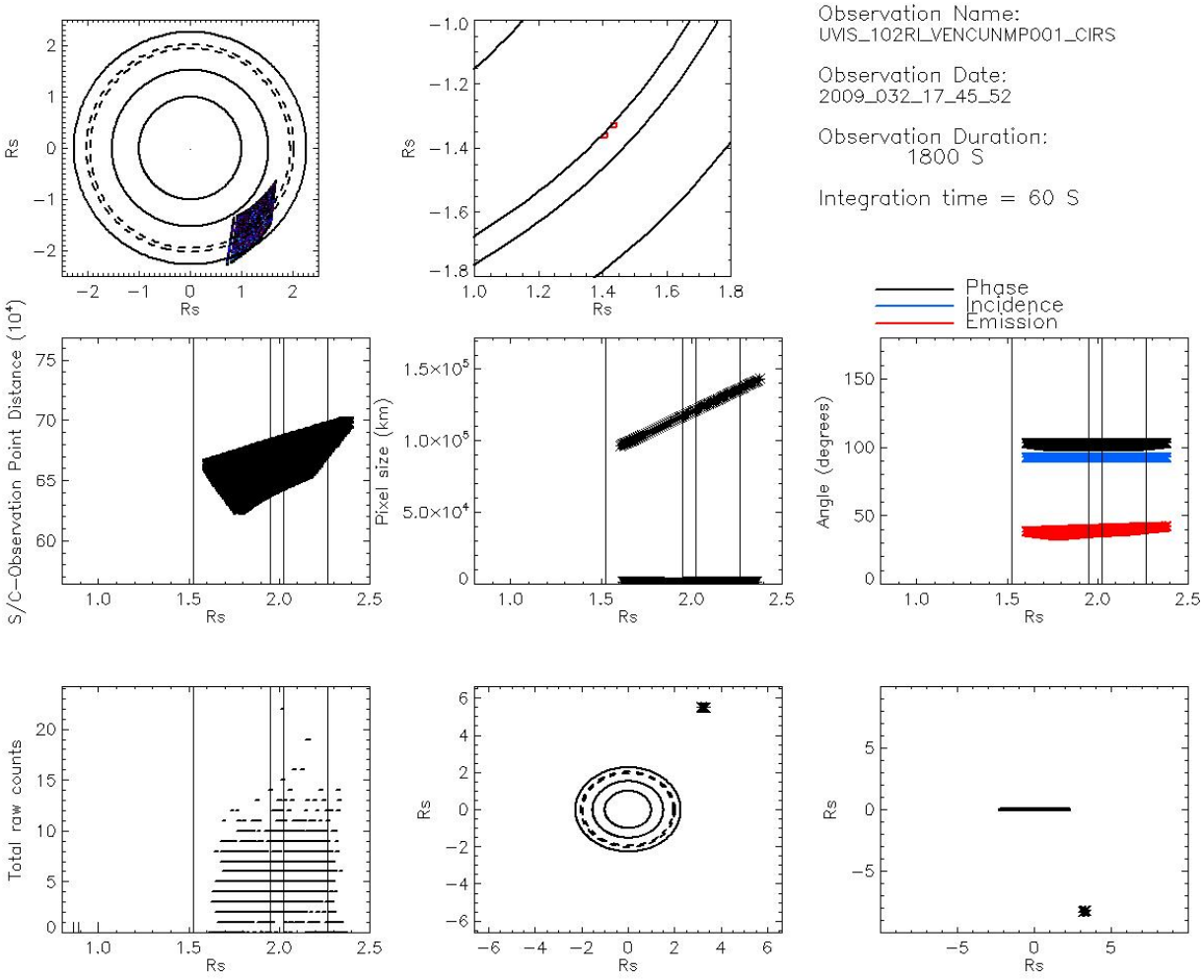


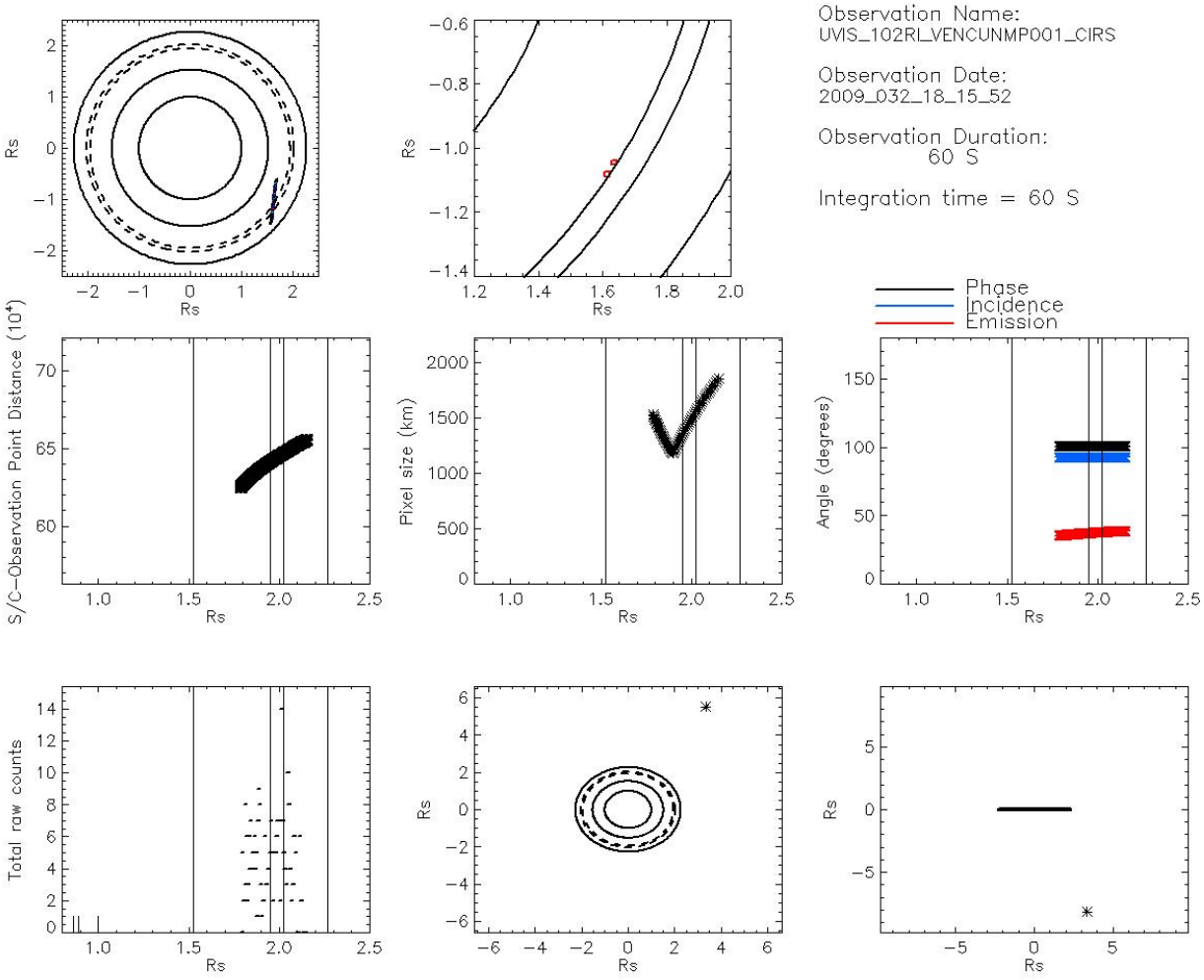


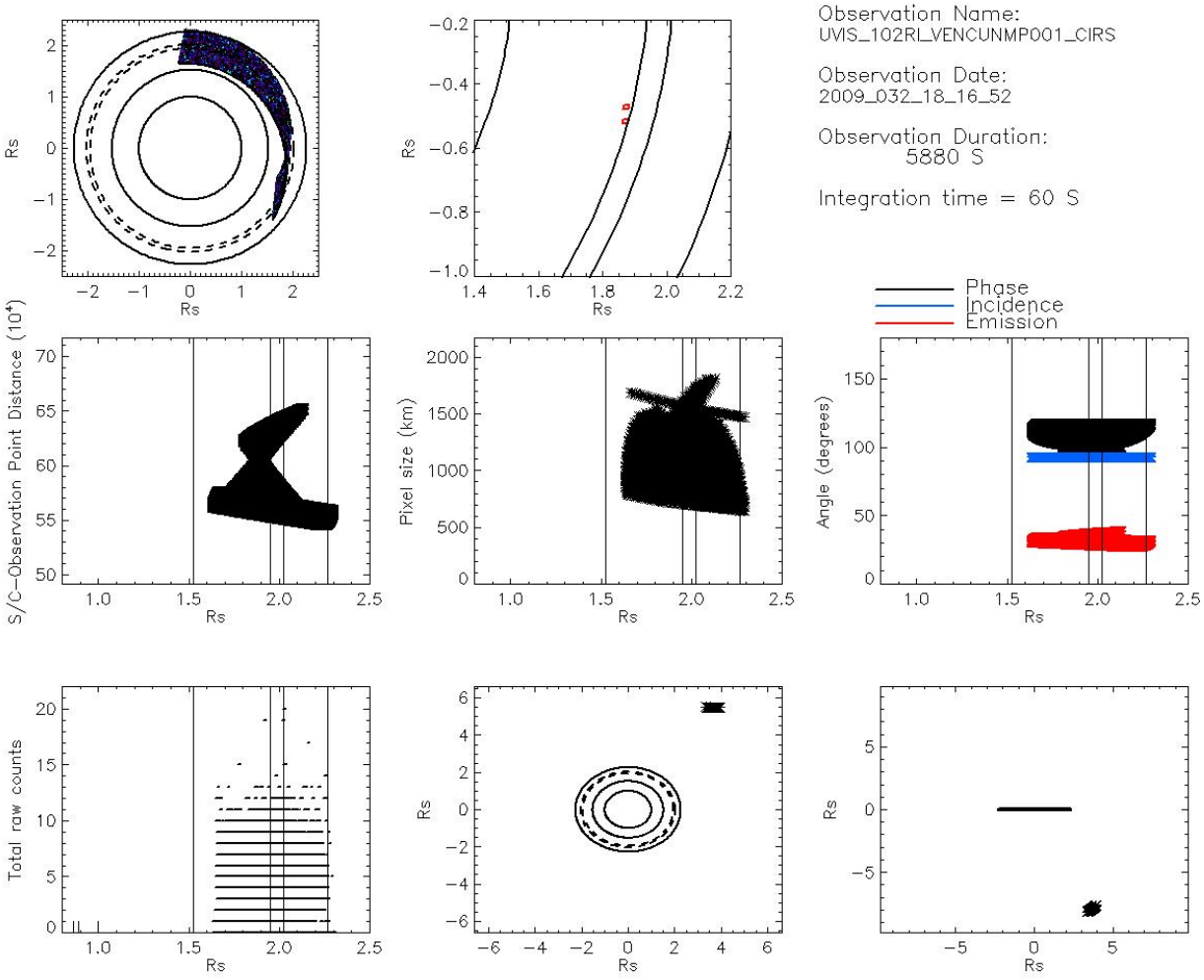

Observation Name:
UVIS_102RI_ALPTRAOCC001_VIMS
Observation Date:
2009_032_05_44_02
Observation Duration:
200 S
Integration time = 100 S
Phase
Incidence
Emission
S/C-Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts
Rs

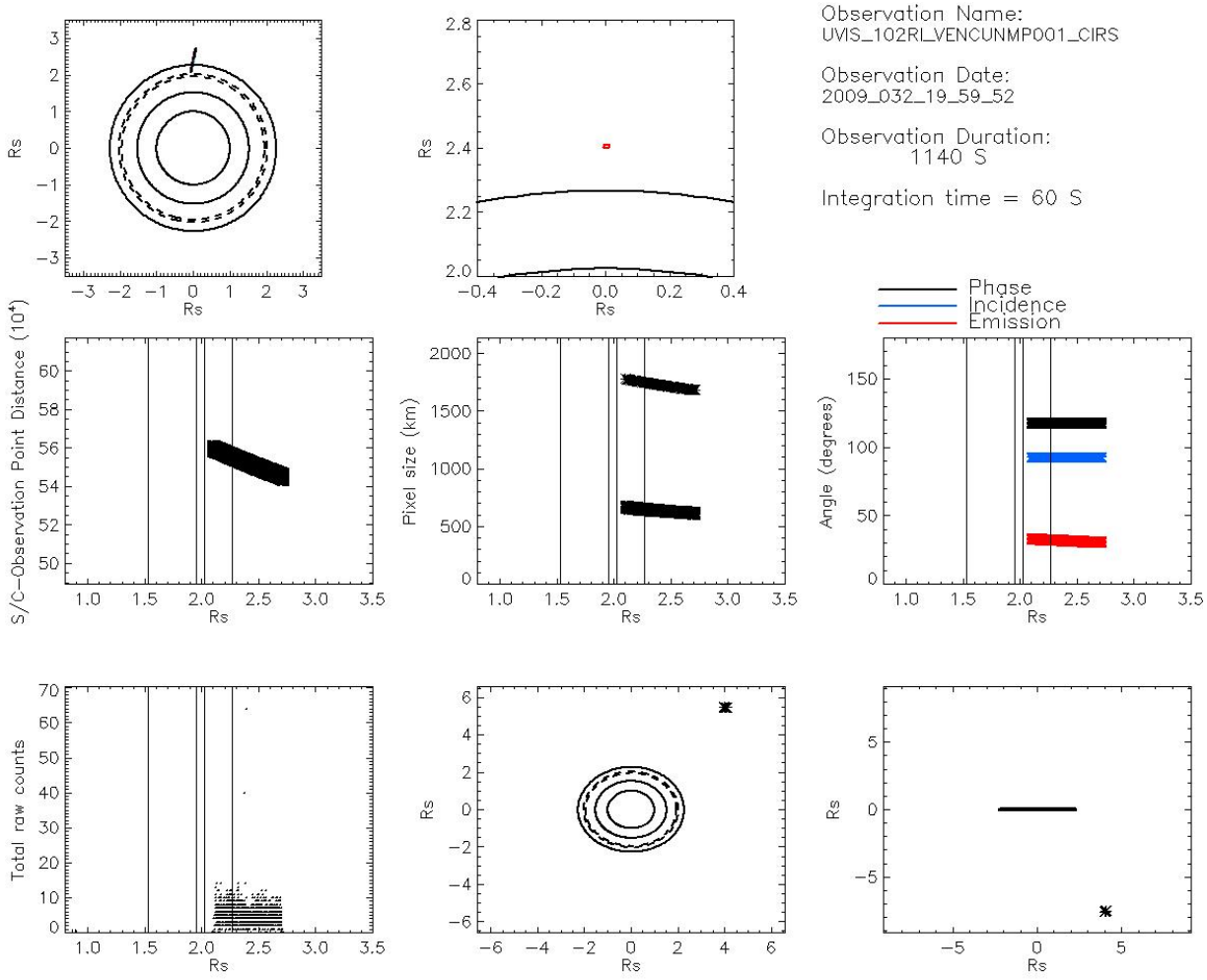

Observation Name:
UVIS_102RI_ALPTRAOCC001_VIMS
Observation Date:
2009_032_12_02_22
Observation Duration:
300 S
Integration time = 100 S
Phase
Incidence
Emission
Rs
S/C-Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts

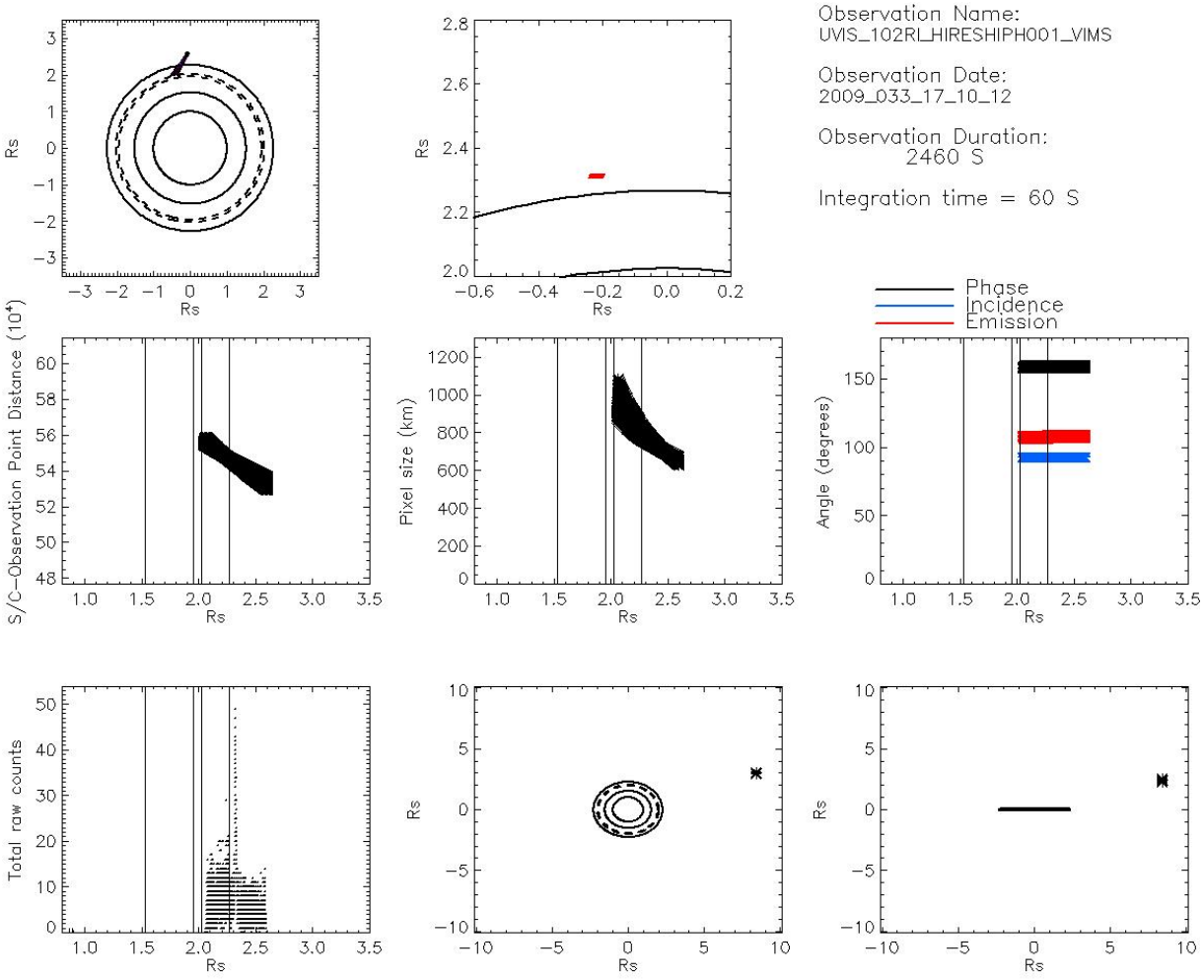

Observation Name:
UVIS_102RI_ALPTRA0CC001_VIMS
Observation Date:
2009_032_13_19_02
Observation Duration:
300 S
Integration time = 100 S
Phase
Incidence
Emission
S/C-Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts
Rs

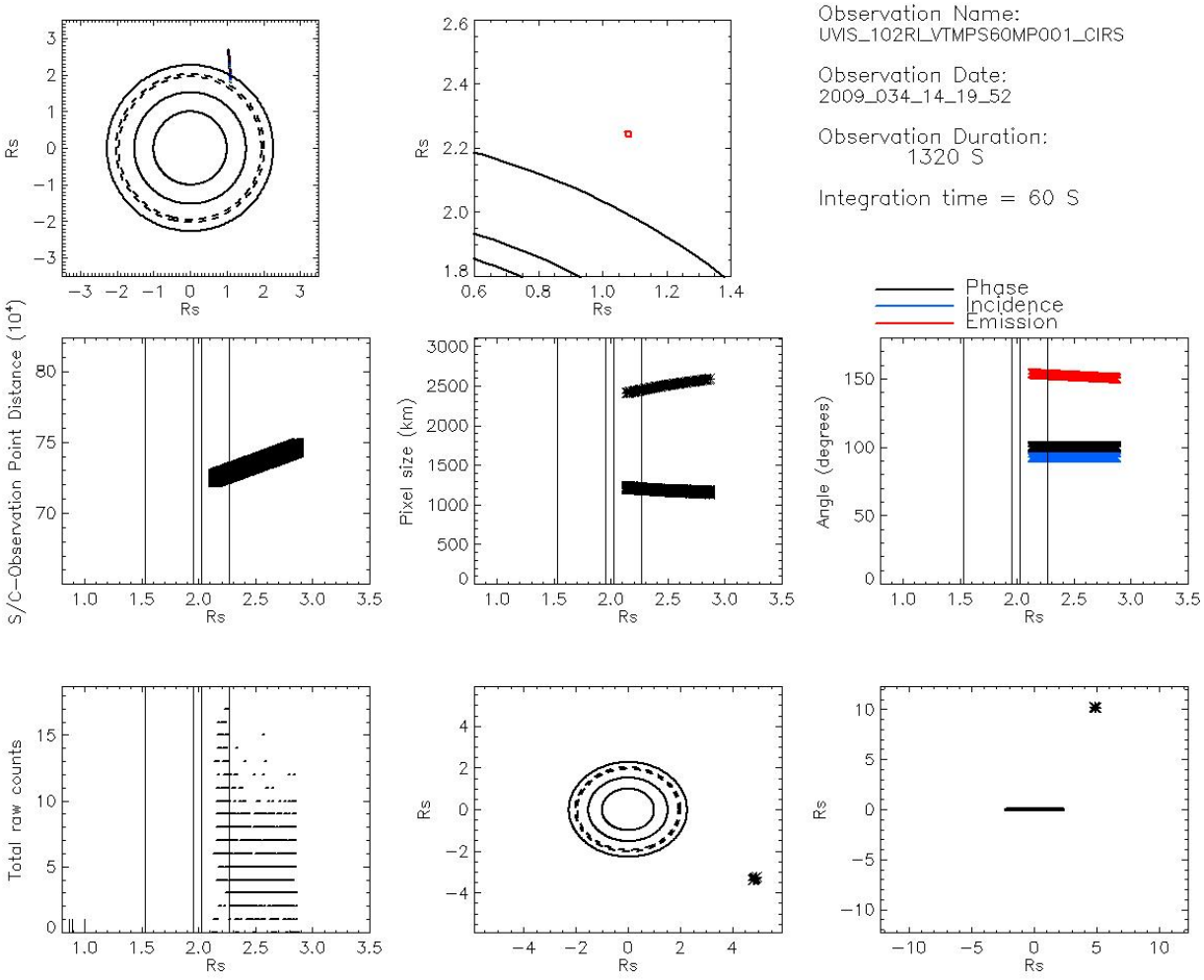

Observation Name:
UVIS_102RI_VENCUNMP001_CIRS
Observation Date:
2009_032_17_45_52
Observation Duration:
1800 S
Integration time = 60 S
Phase
Incidence
Emission
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts
Rs

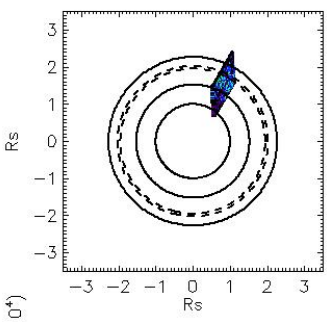

Observation Name:
UVIS_102RI_VENCUNMP001_CIRS
Observation Date:
2009_032_18_15_52
Observation Duration:
60 S
Integration time = 60 S
Phase
Incidence
Emission
Rs
S/C-Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts

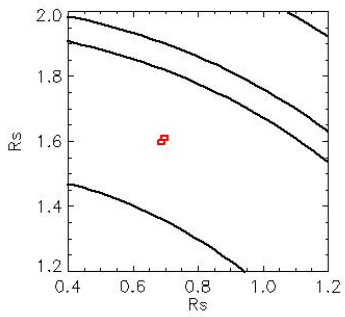

Observation Name:
UVIS_102RI_VENCUNMP001_CIRS
Observation Date:
2009_032_18_16_52
Observation Duration:
5880 S
Integration time = 60 S
Phase
Incidence
Emission
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts
Rs


Observation Name:
UVIS_102RI_VENCUNMP001_CIRS
Observation Date:
2009_032_19_59_52
Observation Duration:
1140 S
Integration time = 60 S
Phase
Incidence
Emission
Rs
S/C-Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts


Observation Name:
UVIS_102RI_HIRESHIPH001_VIMS
Observation Date:
2009_033_17_10_12
Observation Duration:
2460 S
Integration time = 60 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts


Observation Name:
UVIS_102RI_VTMPS60MP001_CIRS
Observation Date:
2009_034_14_19_52
Observation Duration:
1320 S
Integration time = 60 S
Phase
Incidence
Emission
Rs
S/C-Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts



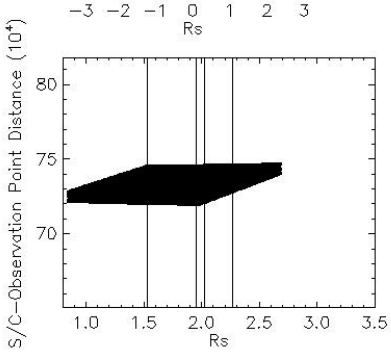


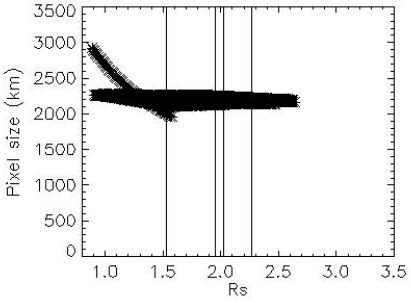
Observation Name:
UVIS_102RI_VTMPS60MP001_CIRS

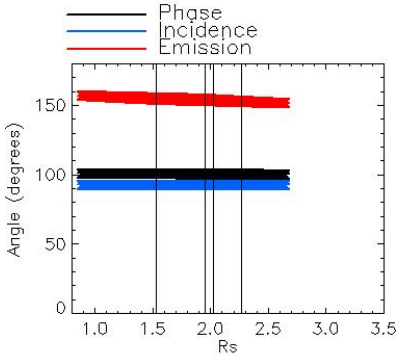
Observation Date:
2009_034_14_46_53

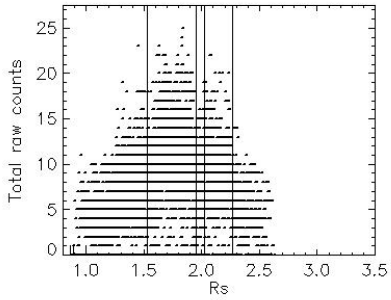
Observation Duration:
3840 S

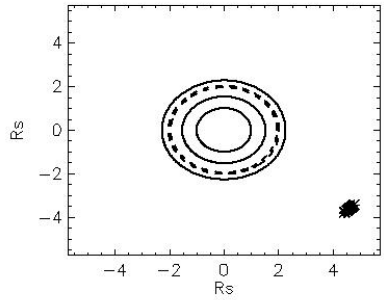
Integration time = 60 S

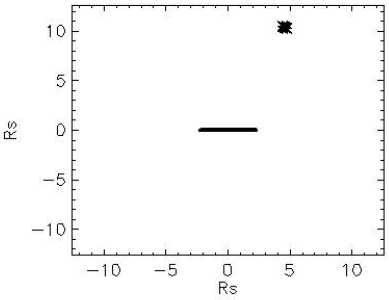


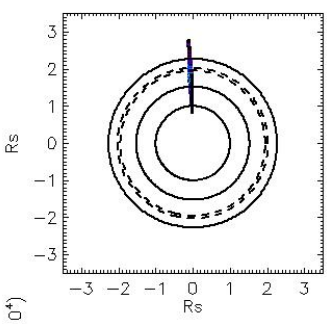


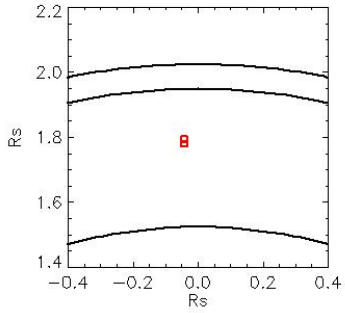










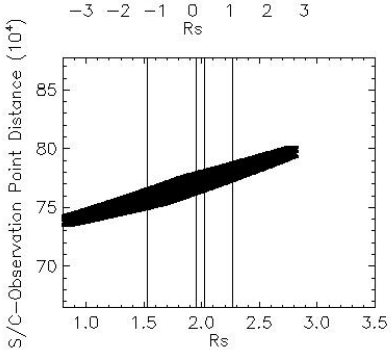


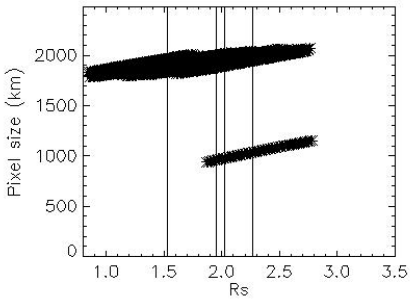
Observation Name:
UVIS_102RI_VTMPS60MP001_CIRS

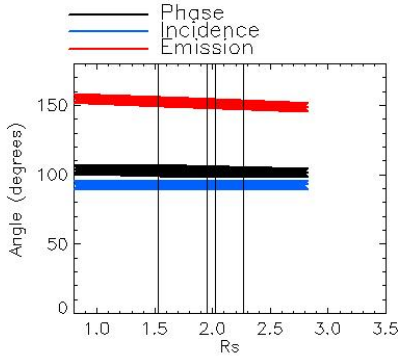
Observation Date:
2009_034_15_56_53

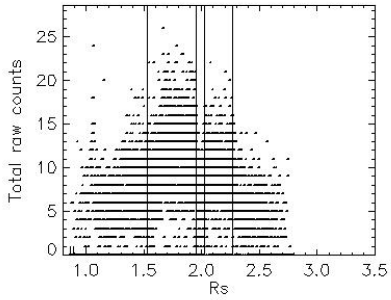
Observation Duration:
3840 S

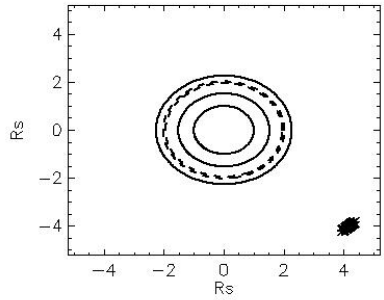
Integration time = 60 S

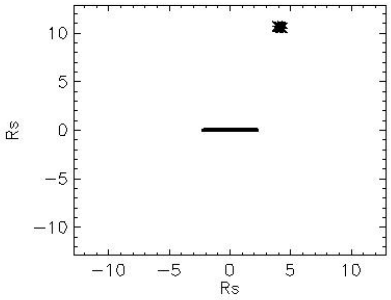


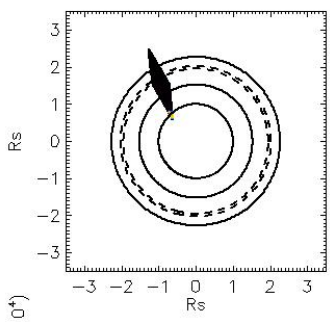


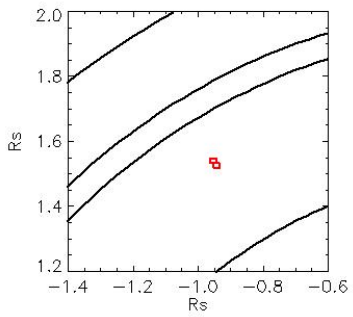










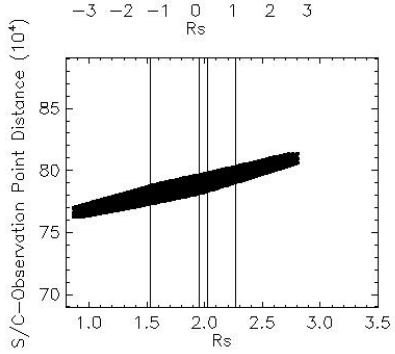


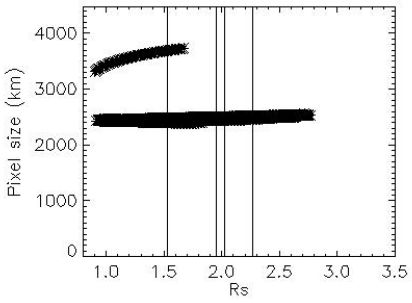
Observation Name:
UVIS_102RI_VTMPS60MP001_CIRS

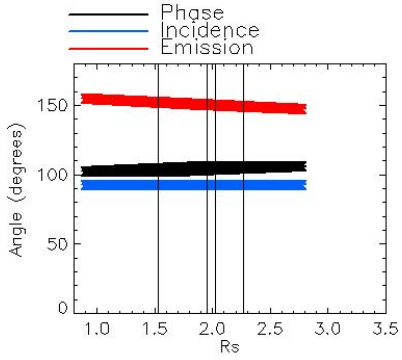
Observation Date:
2009_034_17_06_53

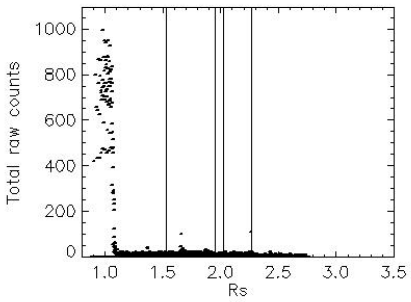
Observation Duration:
3840 S

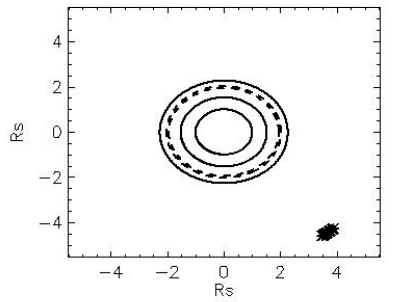
Integration time = 60 S

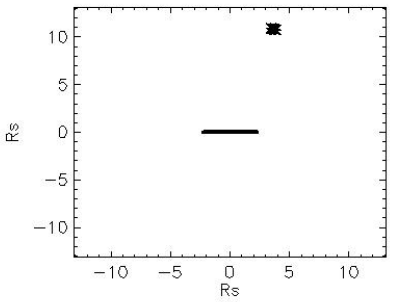


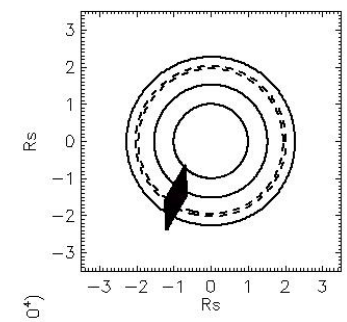


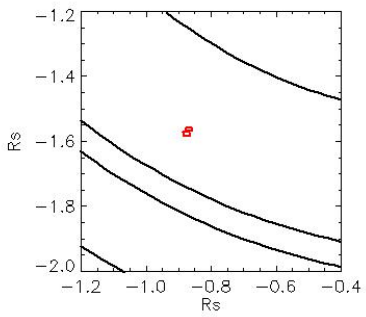










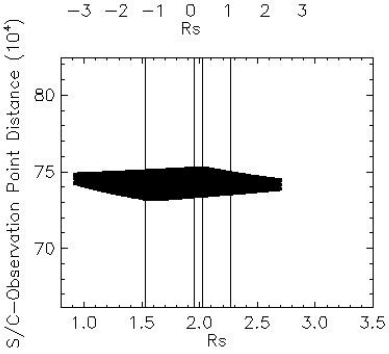


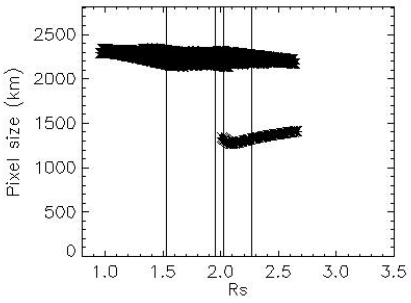
Observation Name:
UVIS_102RI_VTMPS60MP001_CIRS

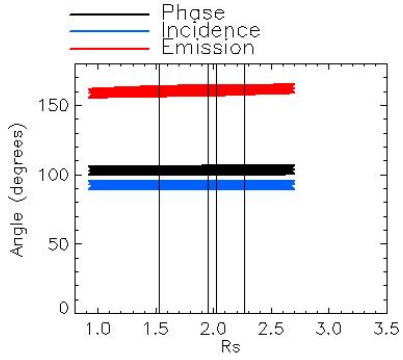
Observation Date:
2009_034_18_16_53

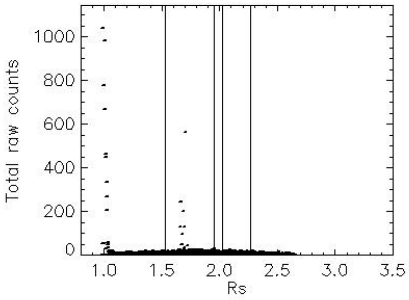
Observation Duration:
3840 S

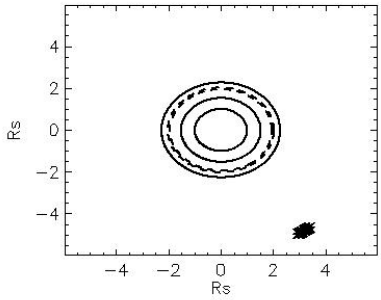
Integration time = 60 S

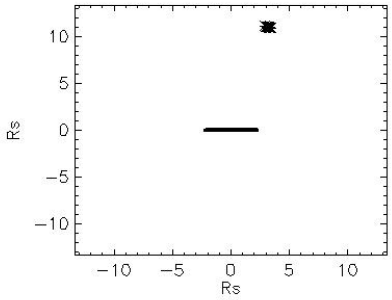


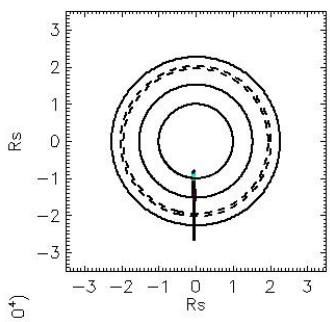


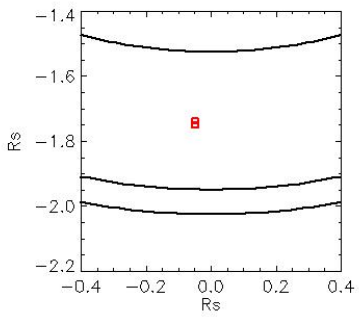










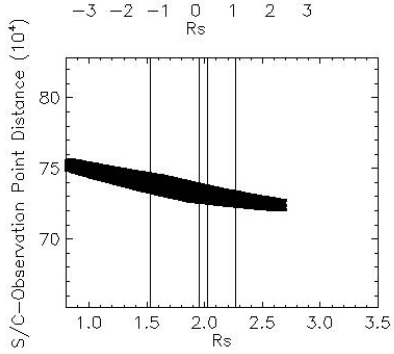


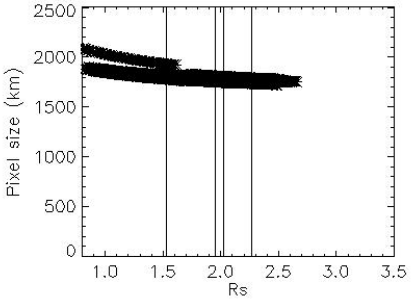
Observation Name:
UVIS_102RI_VTMPS60MP001_CIRS

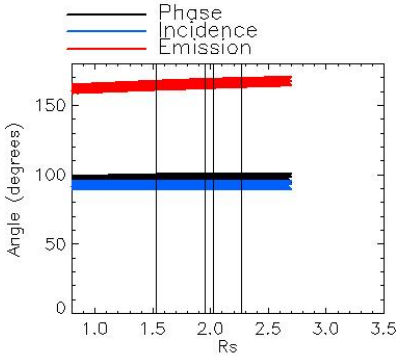
Observation Date:
2009_034_19_26_53

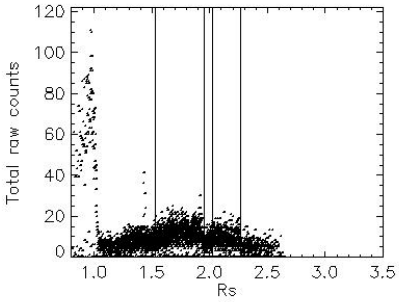
Observation Duration:
3840 S

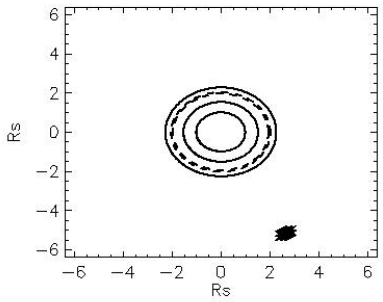
Integration time = 60 S

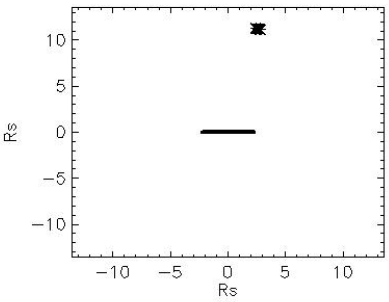


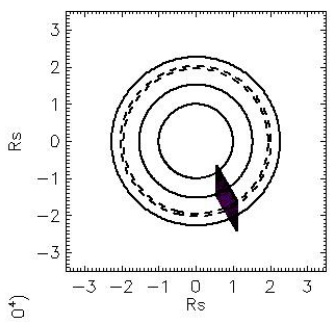


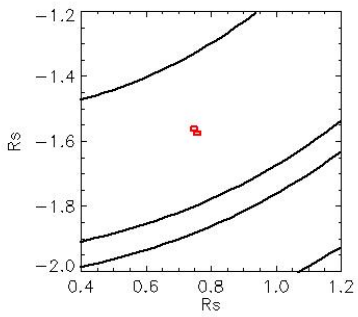










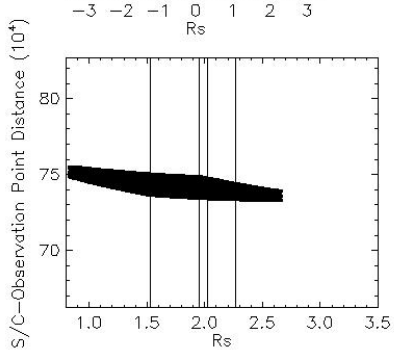


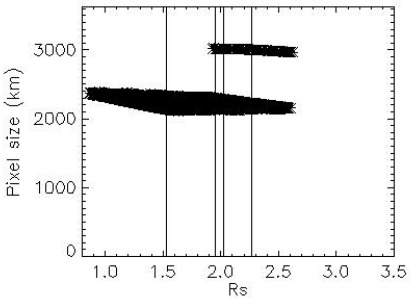
Observation Name:
UVIS_102RI_VTMPS60MP001_CIRS

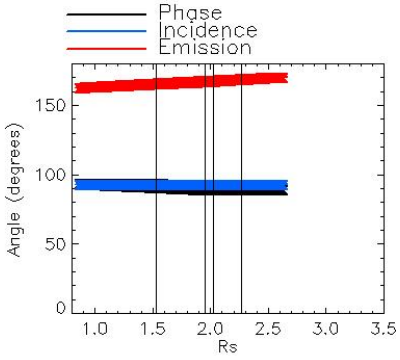
Observation Date:
2009_034_20_36_53

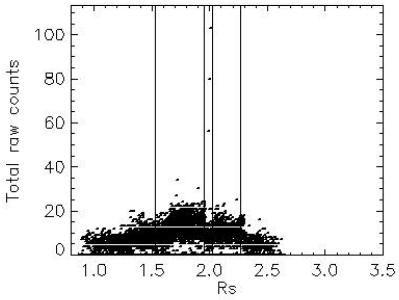
Observation Duration:
3840 S

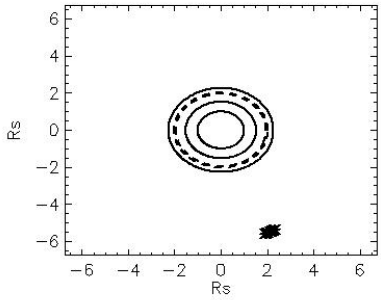
Integration time = 60 S

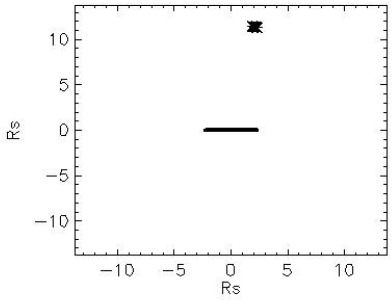


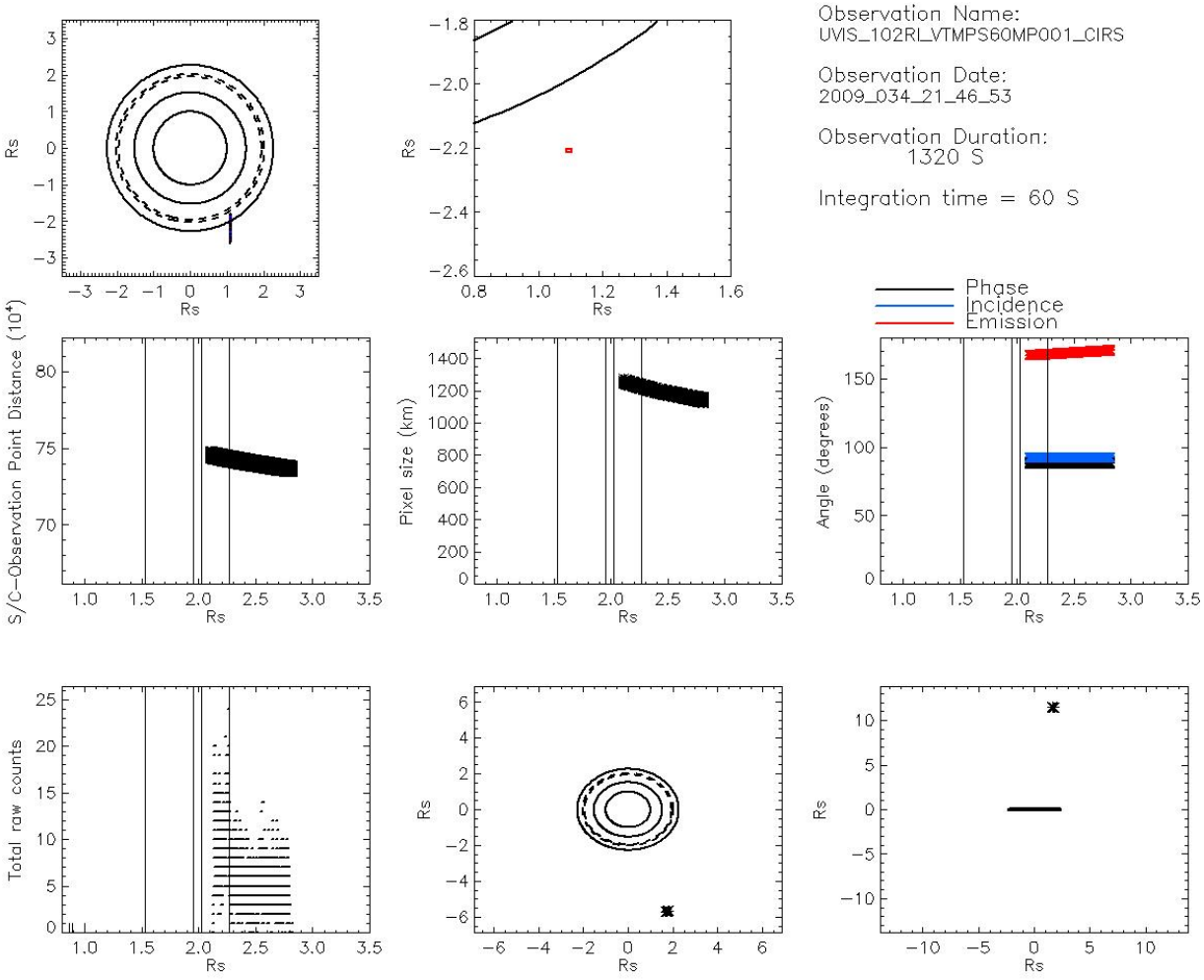


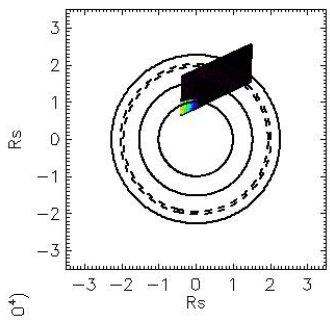


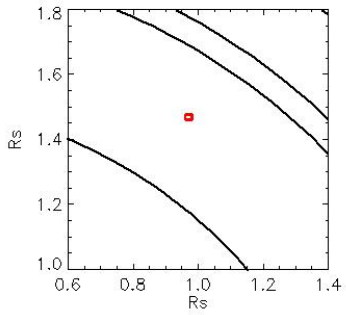







Observation Name:
UVIS_102RI_VTMPS60MP001_CIRS
Observation Date:
2009_034_21_46_53
Observation Duration:
1320 S
Integration time = 60 S
Phase
Incidence
Emission
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts
Rs



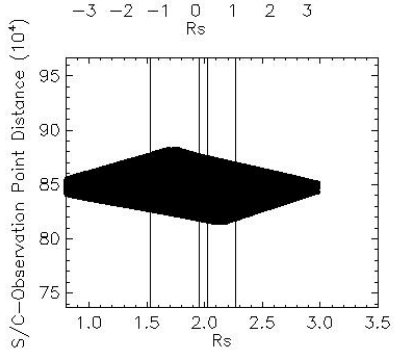


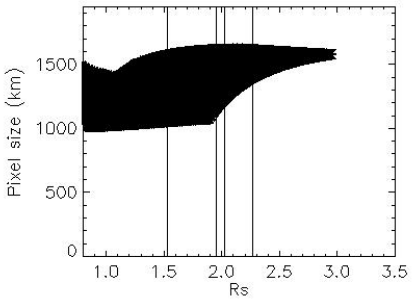
Observation Name:
UVIS_102RI_TXCAMOCC001_VIMS

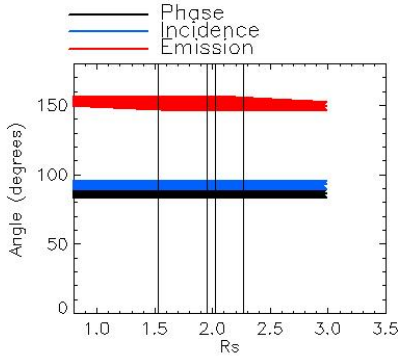
Observation Date:
2009_034_22_20_25

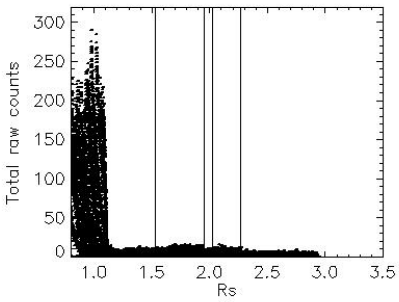
Observation Duration:
18880 S

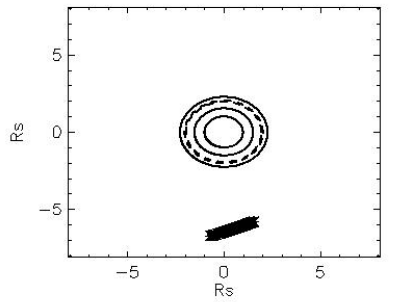
Integration time = 20 S

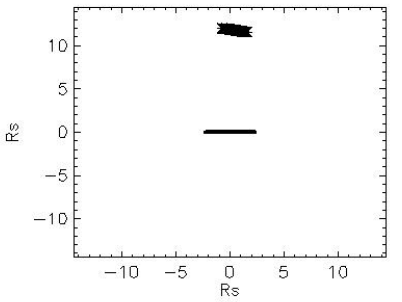


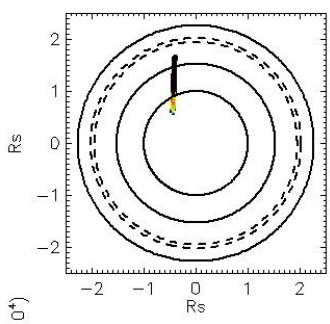


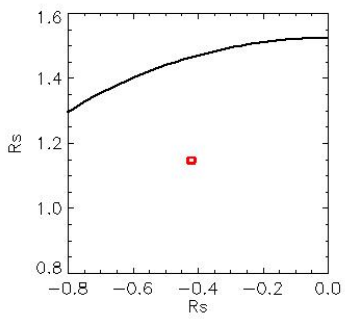










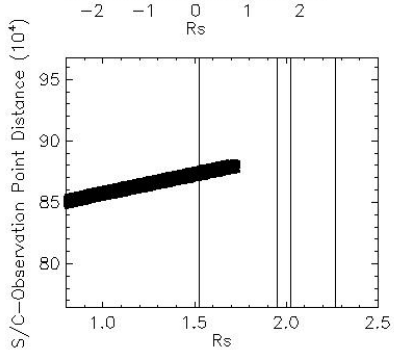


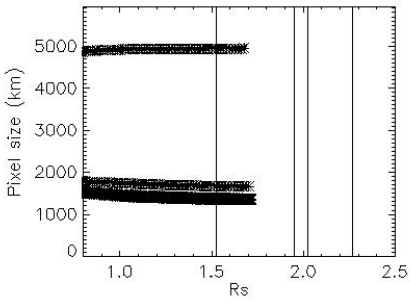
Observation Name:
UVIS_102RI_TXCAM0CC001_VIMS

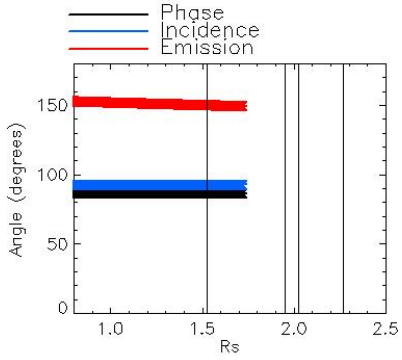
Observation Date:
2009_035_03_40_05

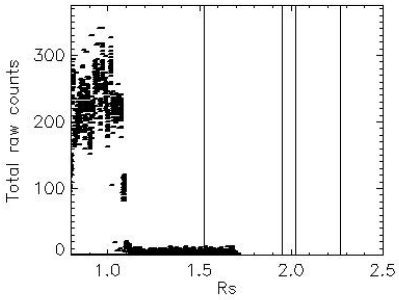
Observation Duration:
560 S

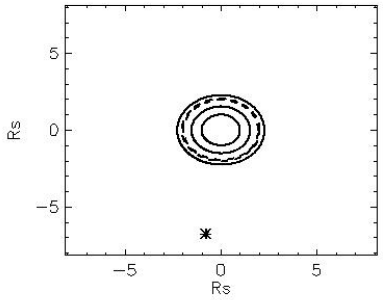
Integration time = 20 S

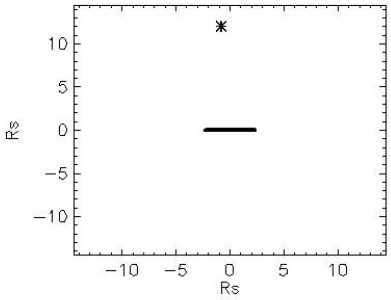


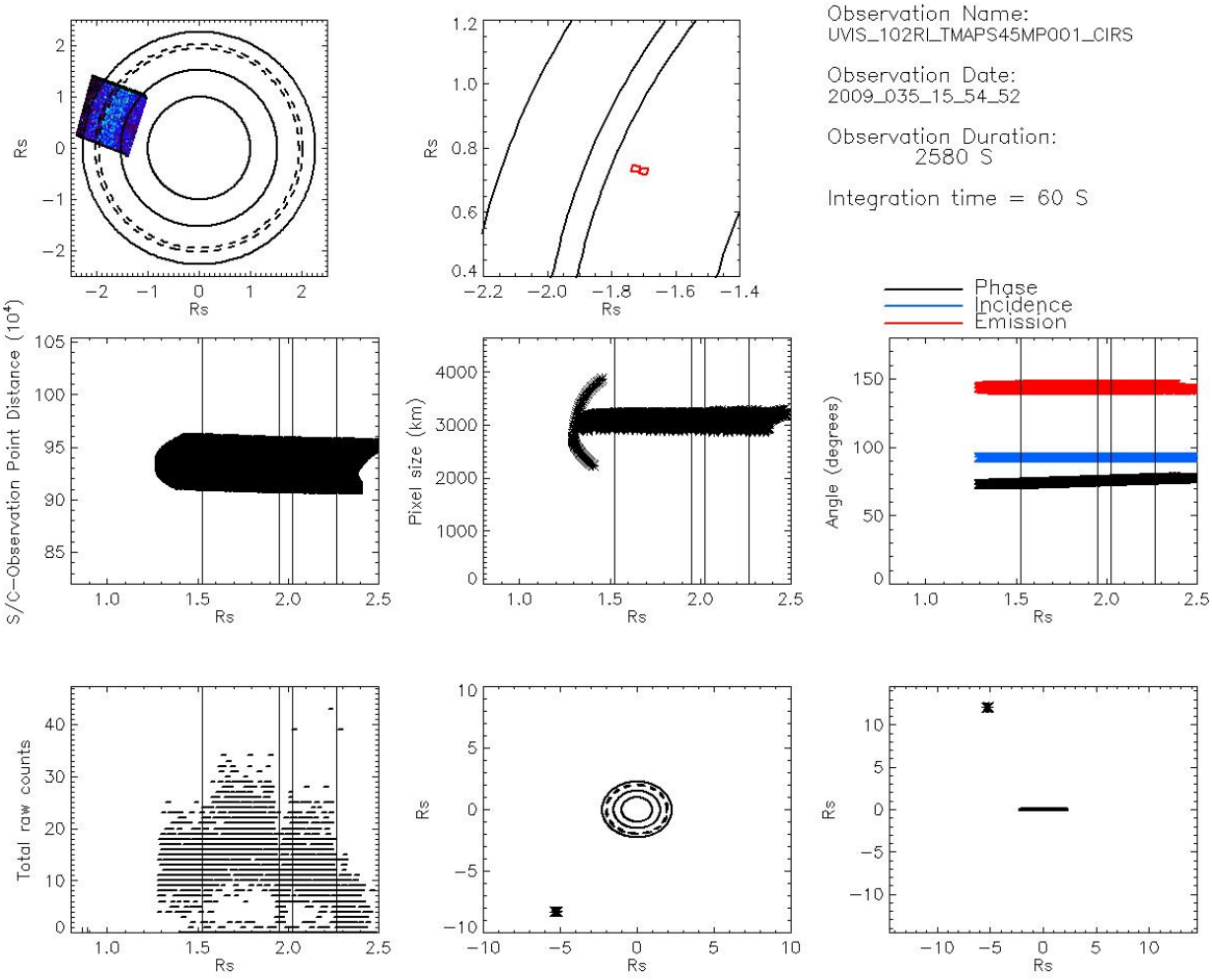


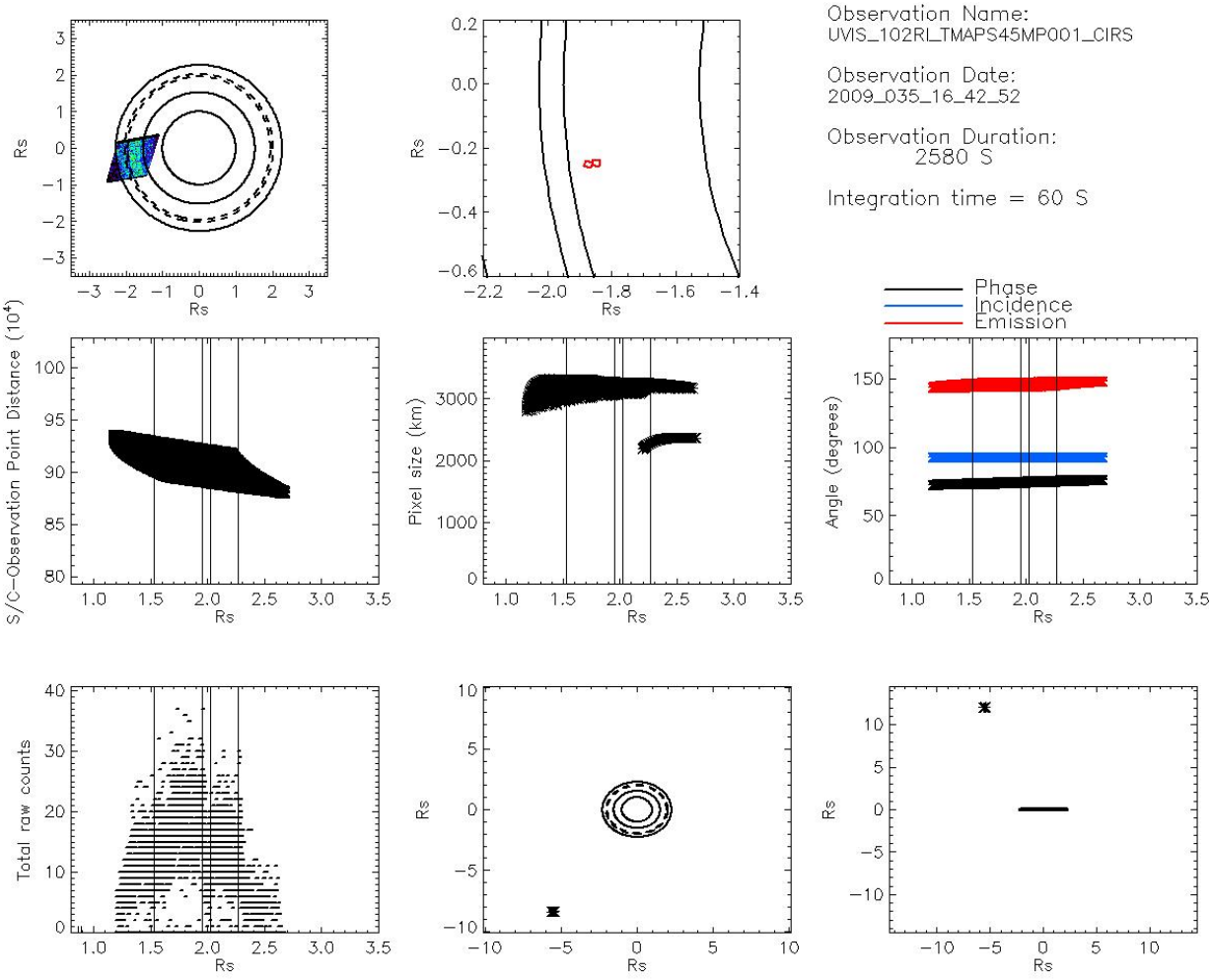


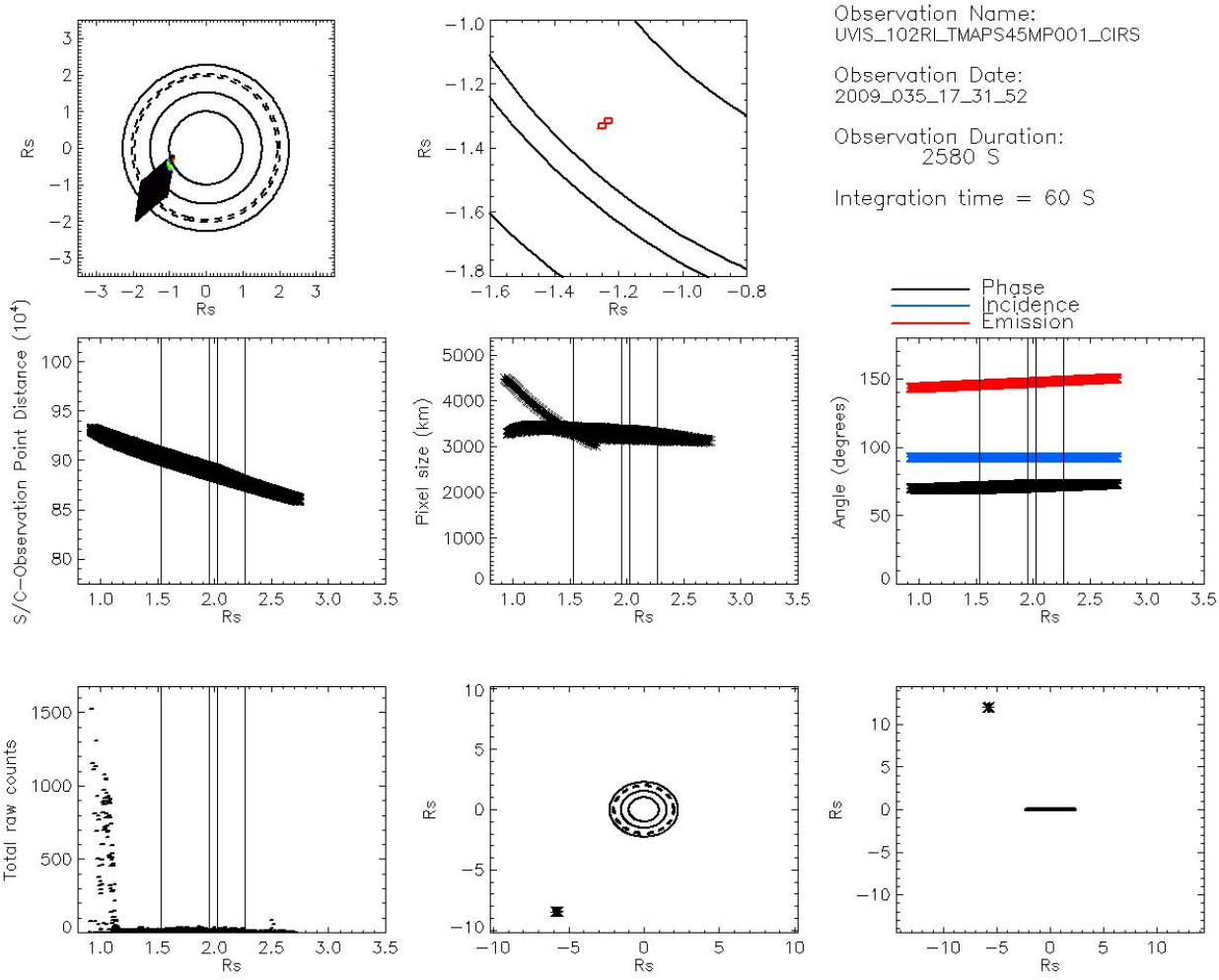


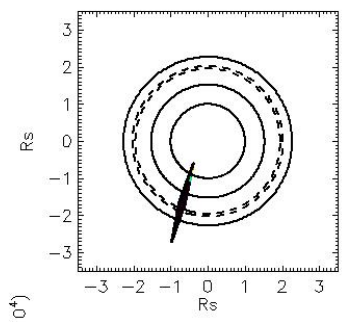


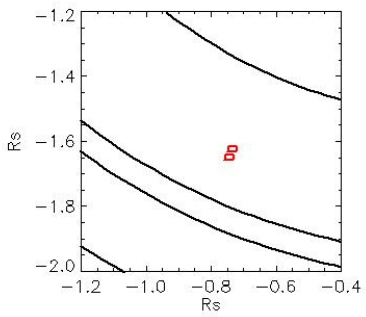



Observation Name:
UVIS_102RI_TMAPS45MP001_CIRS
Observation Date:
2009_035_15_54_52
Observation Duration:
2580 S
Integration time = 60 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts


Observation Name:
UVIS_102RI_TMAPS45MP001_CIRS
Observation Date:
2009_035_16_42_52
Observation Duration:
2580 S
Integration time = 60 S
Phase
Incidence
Emission
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts
Rs


Observation Name:
UVIS_102RI_TMAPS45MP001_CIRS
Observation Date:
2009_035_17_31_52
Observation Duration:
2580 S
Integration time = 60 S
Phase
Incidence
Emission
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts
Rs



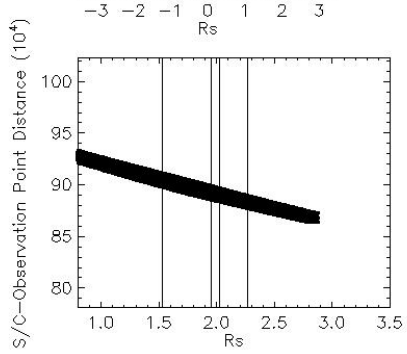


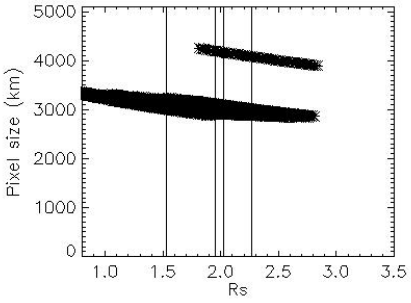
Observation Name:
UVIS_102RI_TMAPS45MP001_CIRS

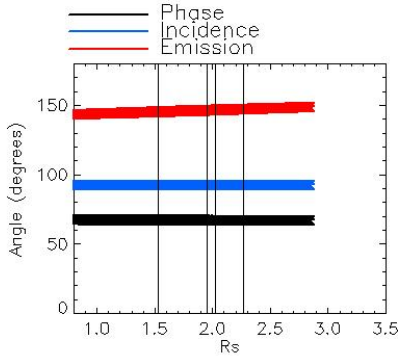
Observation Date:
2009_035_18_20_52

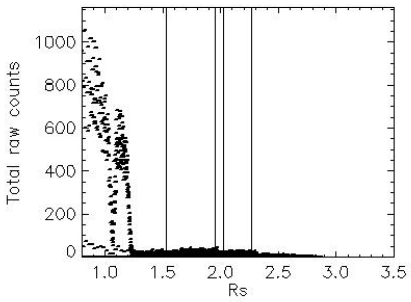
Observation Duration:
2580 S

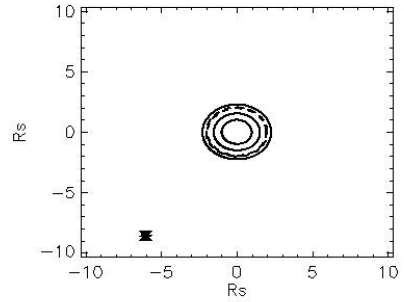
Integration time = 60 S

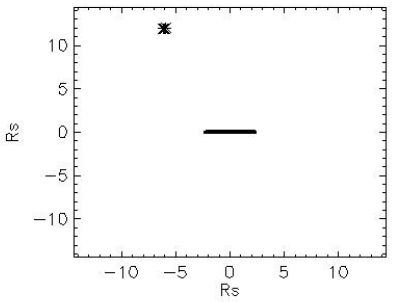


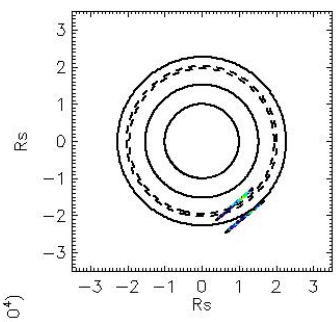


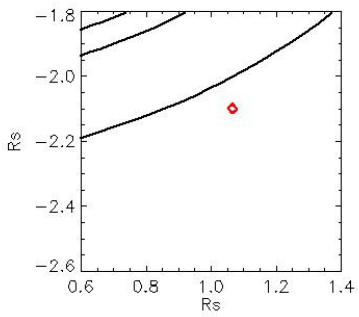










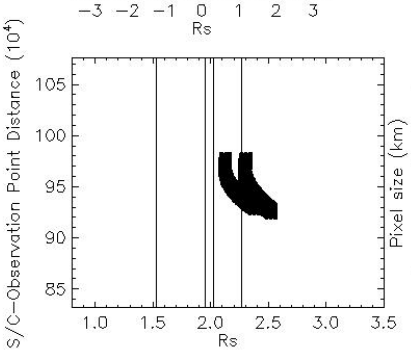


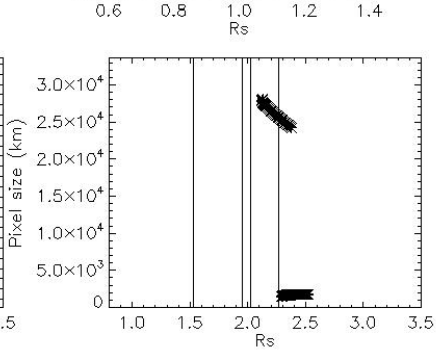
Observation Name:
UVIS_102RI_LATPHASE001_VIMS

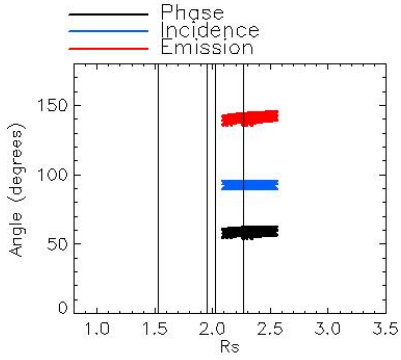
Observation Date:
2009_035_20_41_27

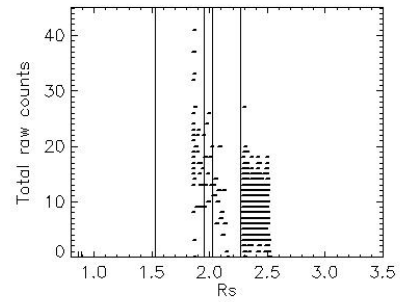
Observation Duration:
2400 S

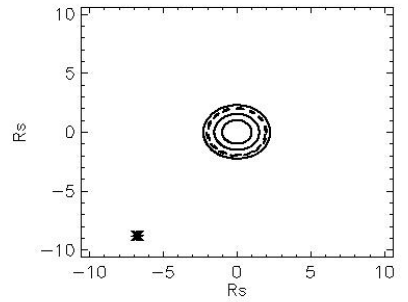
Integration time = 100 S

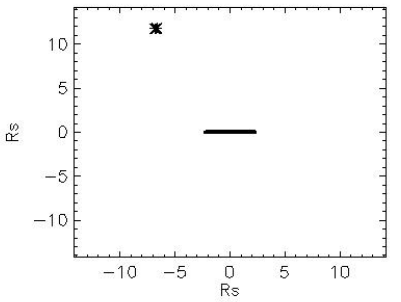


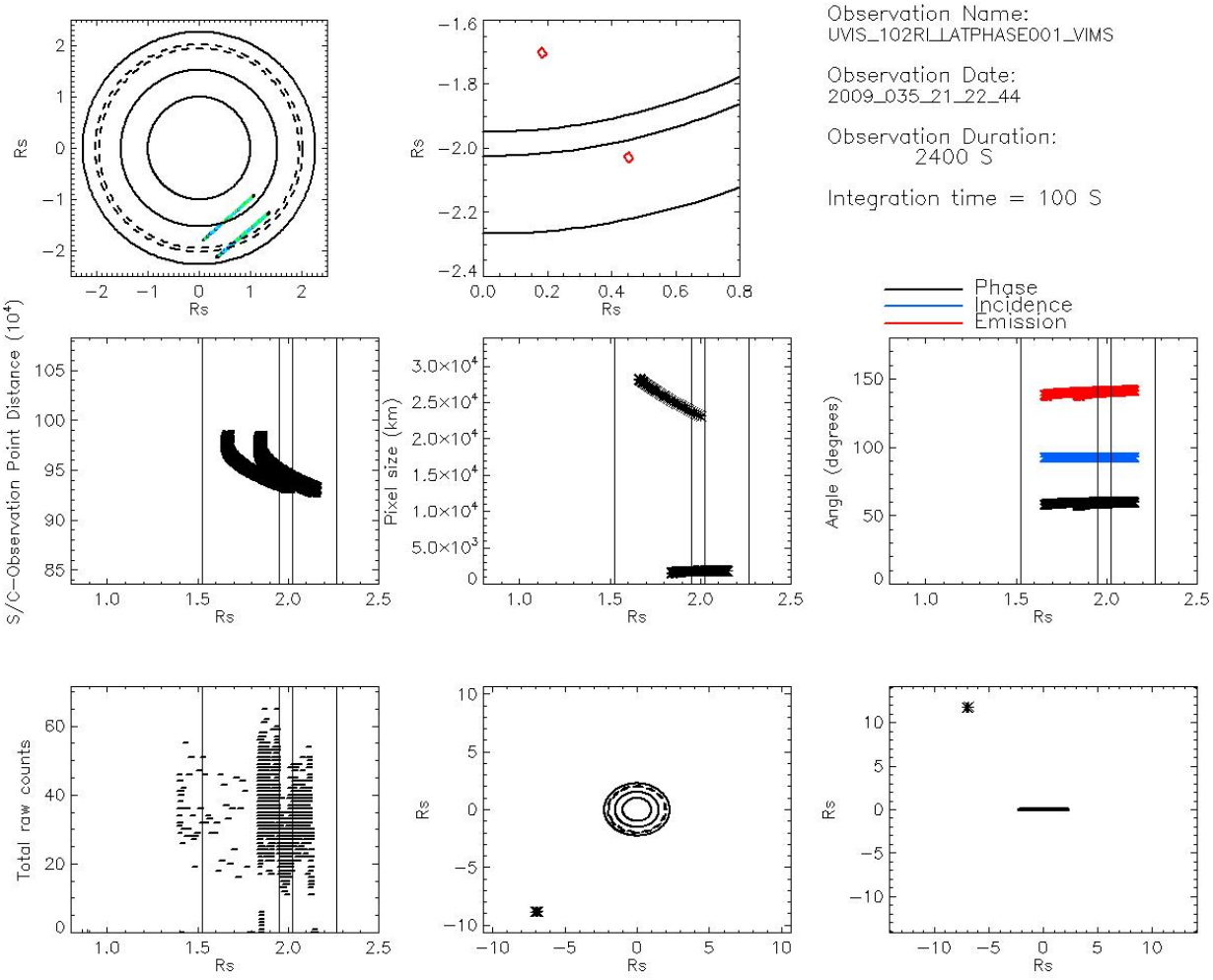


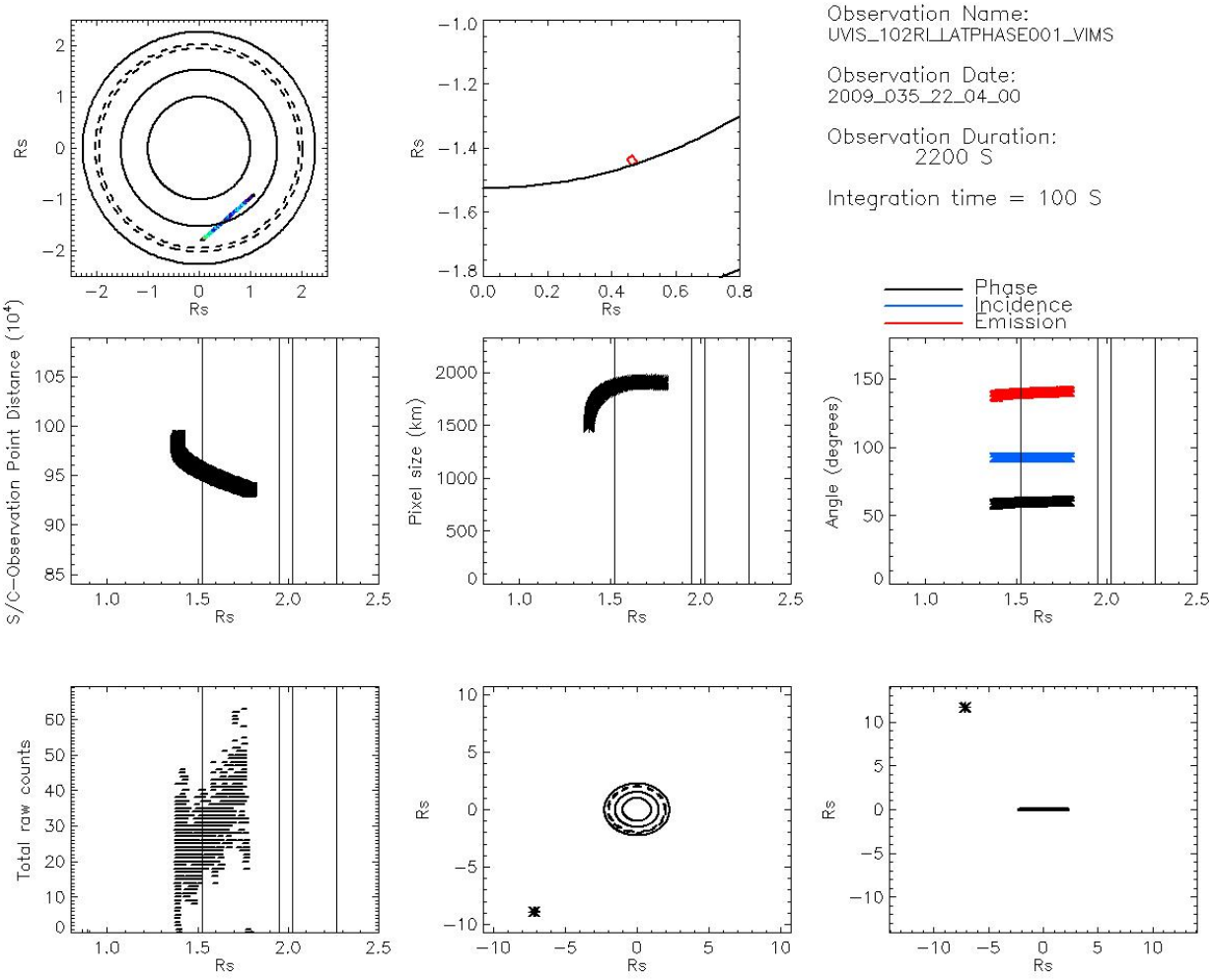


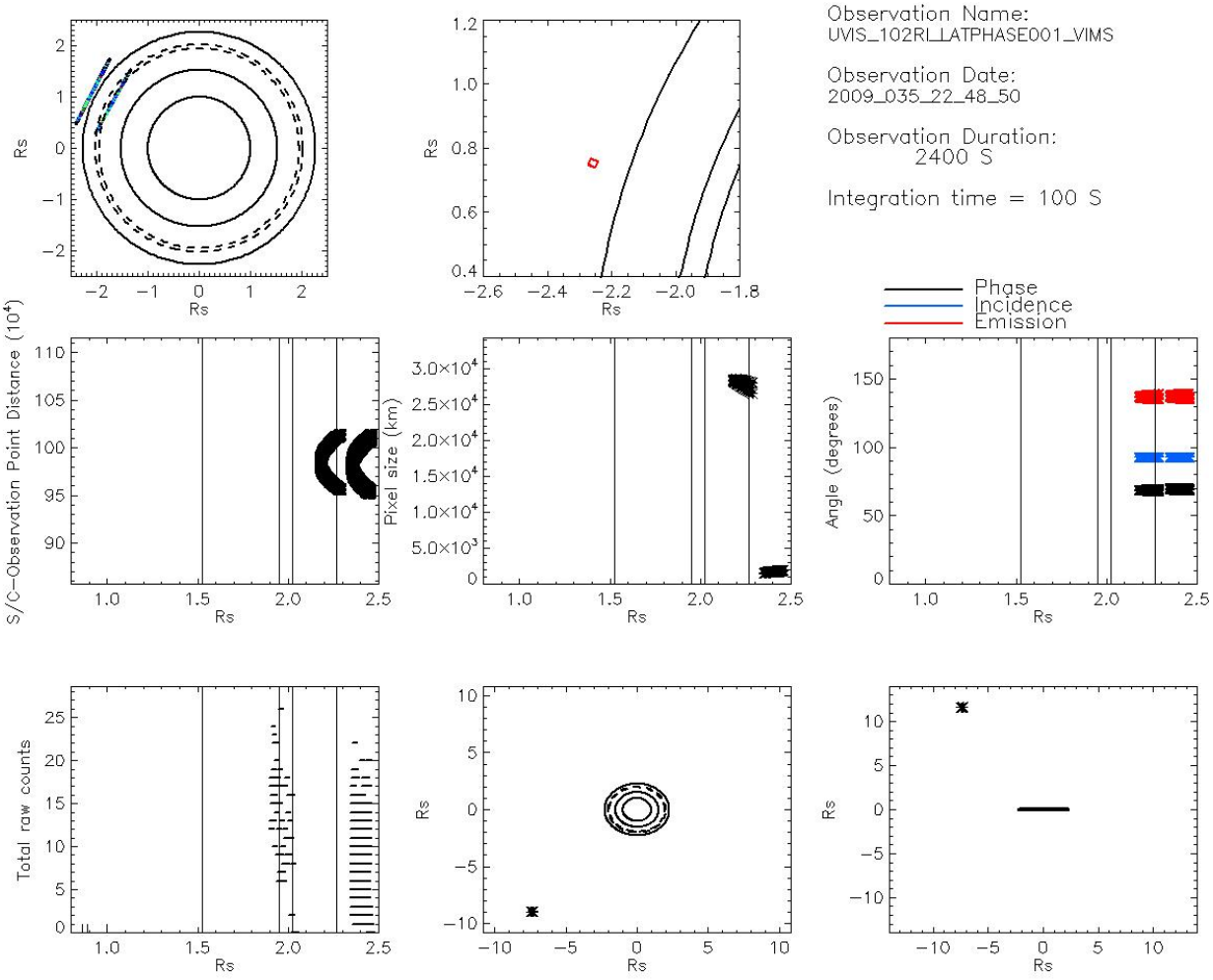


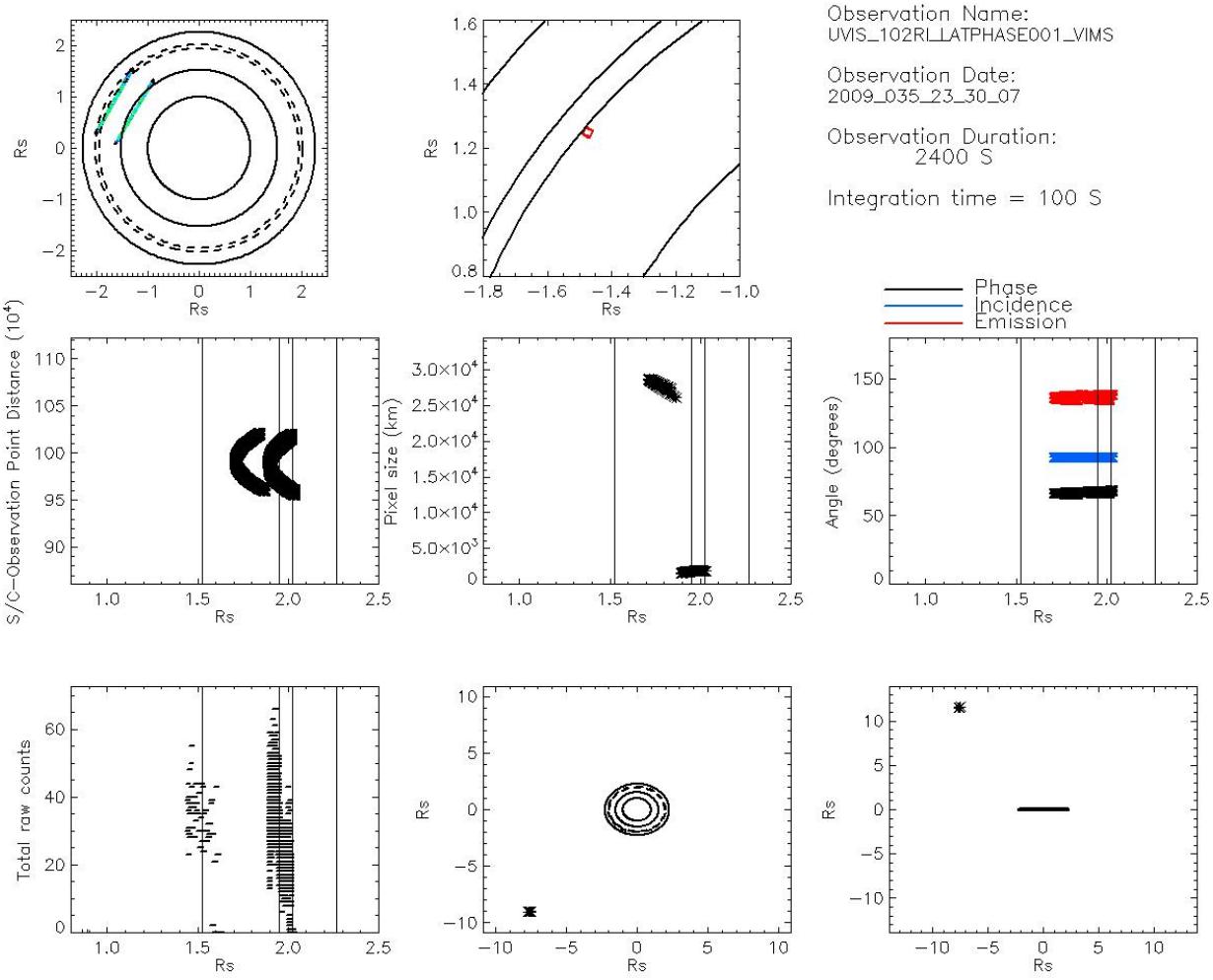


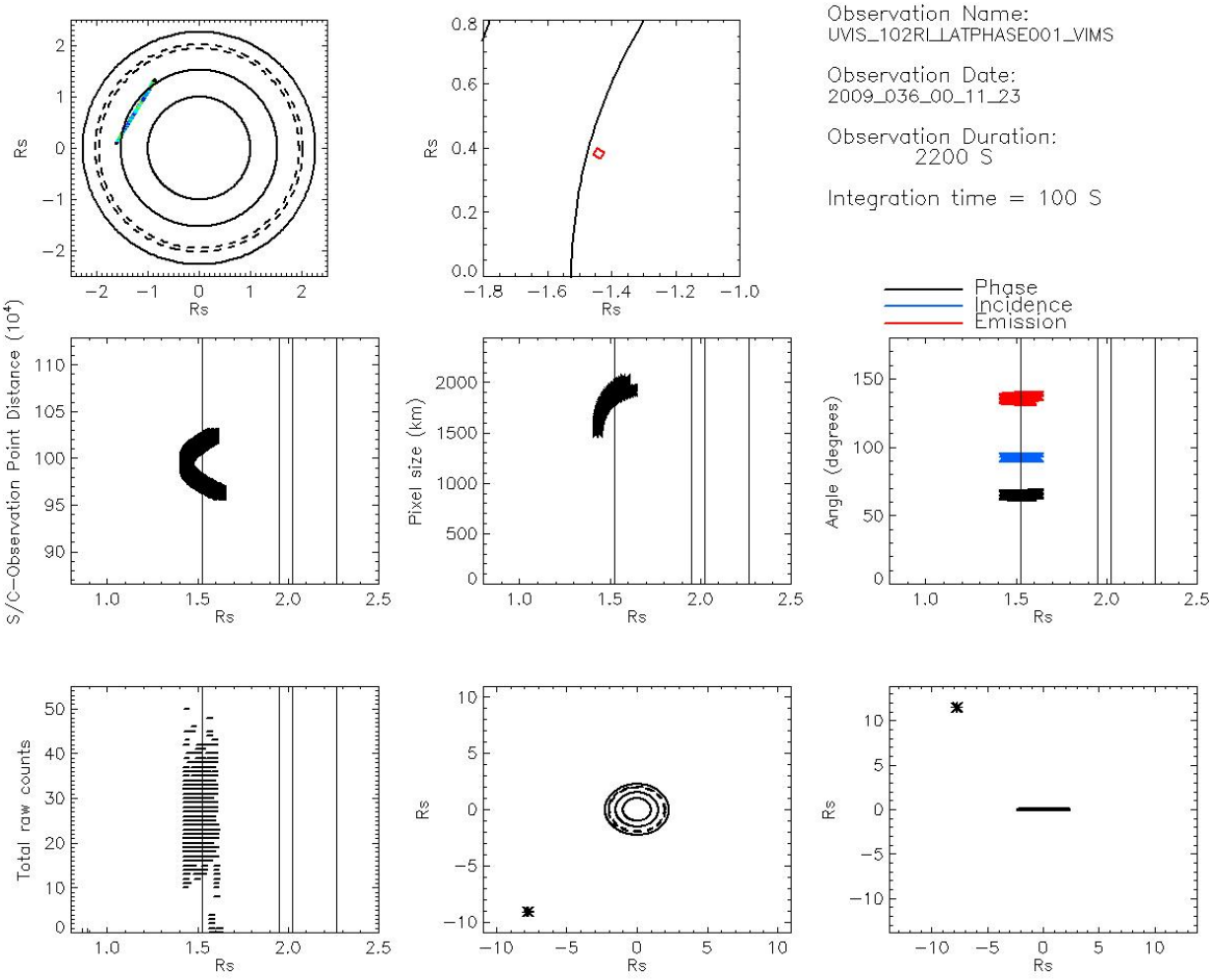


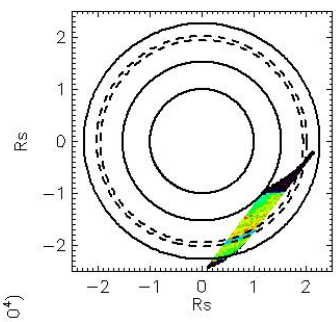

Observation Name:
UVIS_102RI_LATPHASE001_VIMS
Observation Date:
2009_035_21_22_44
Observation Duration:
2400 S
Integration time = 100 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts

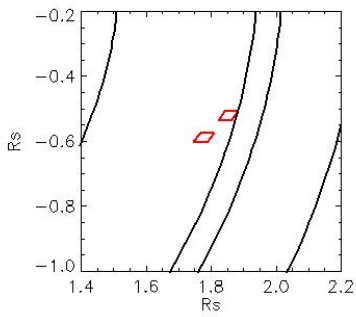

Observation Name:
UVIS_102RI_LATPHASE001_VIMS
Observation Date:
2009_035_22_04_00
Observation Duration:
2200 S
Integration time = 100 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts


Observation Name:
UVIS_102RI_LATPHASE001_VIMS
Observation Date:
2009_035_22_48_50
Observation Duration:
2400 S
Integration time = 100 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts


Observation Name:
UVIS_102RI_LATPHASE001_VIMS
Observation Date:
2009_035_23_30_07
Observation Duration:
2400 S
Integration time = 100 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts


Observation Name:
UVIS_102RI_LATPHASE001_VIMS
Observation Date:
2009_036_00_11_23
Observation Duration:
2200 S
Integration time = 100 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts



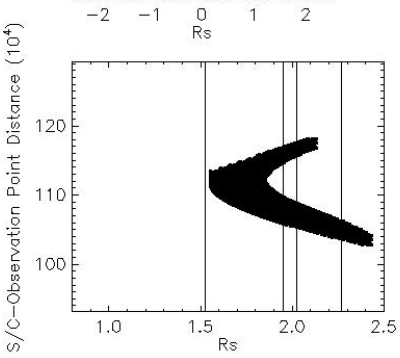


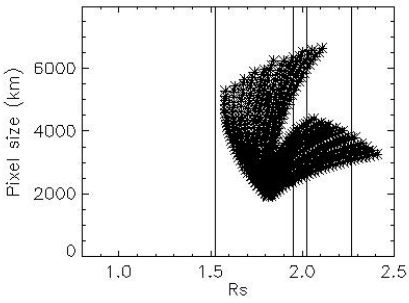
Observation Name:
UVIS_102RI_SPKFMLFLP001_JSS

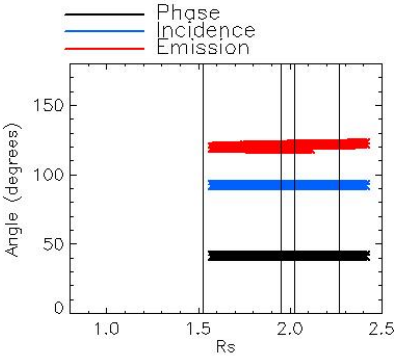
Observation Date:
2009_036_16_43_53

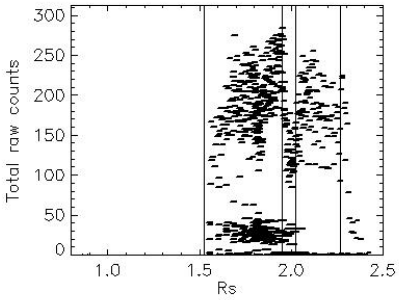
Observation Duration:
3300 S

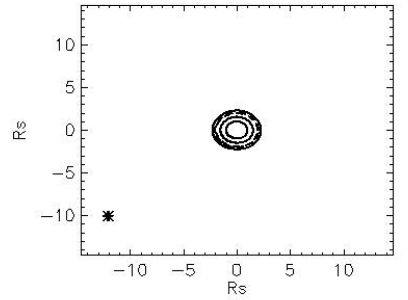
Integration time = 300 S

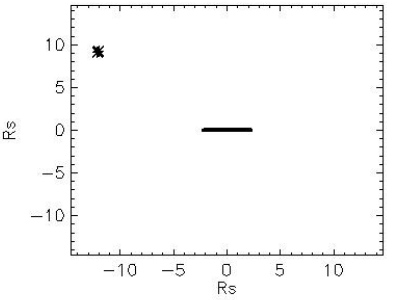


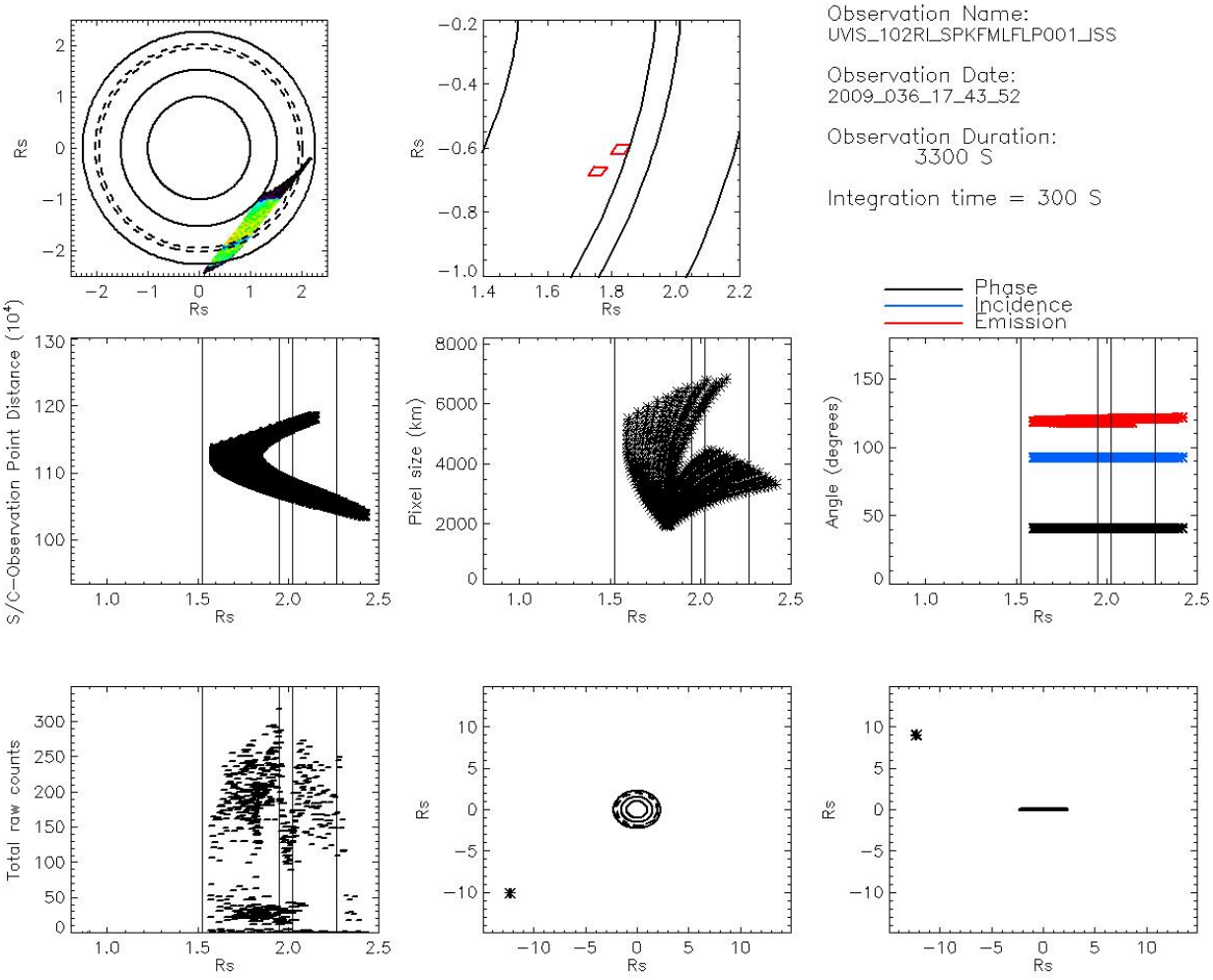


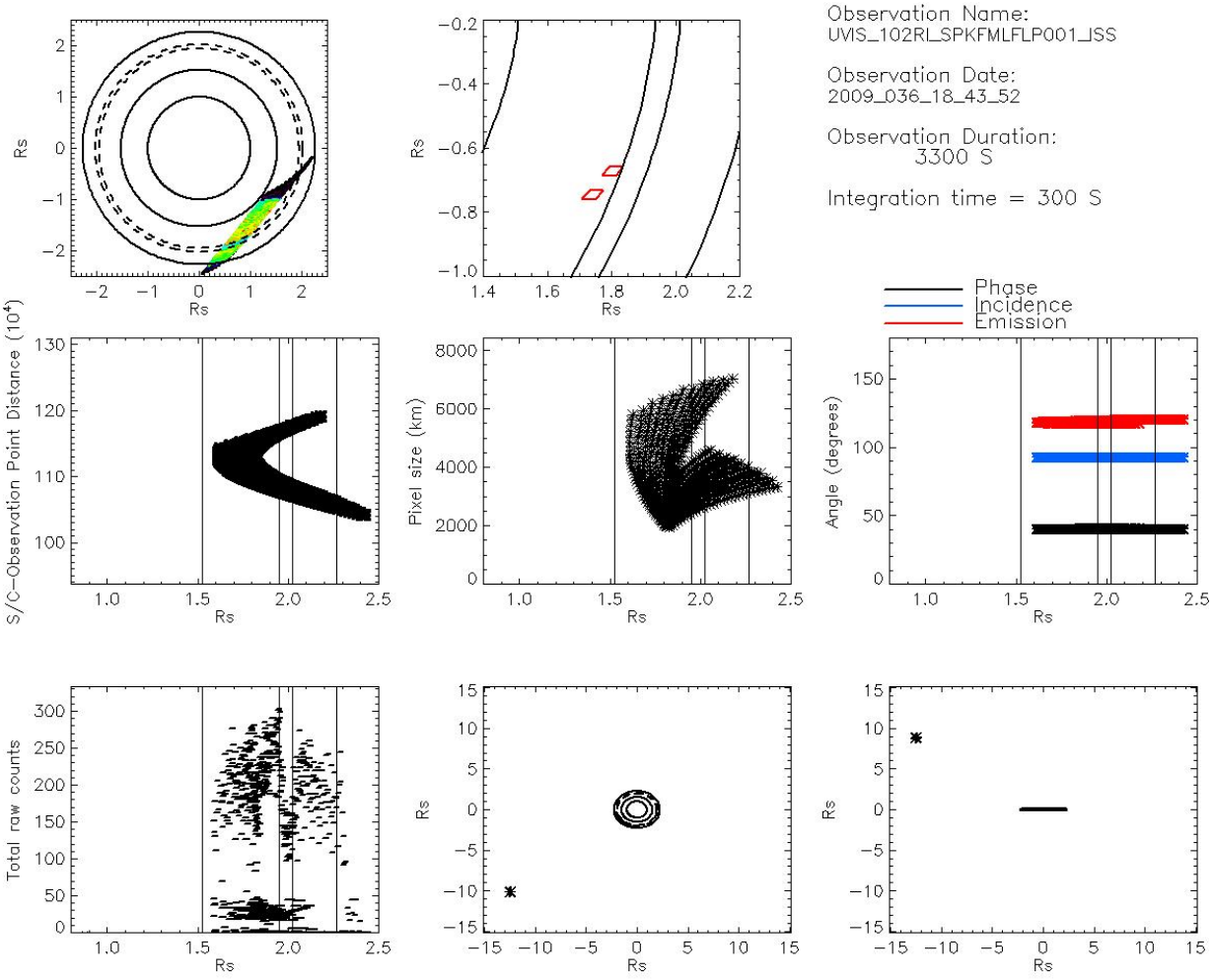


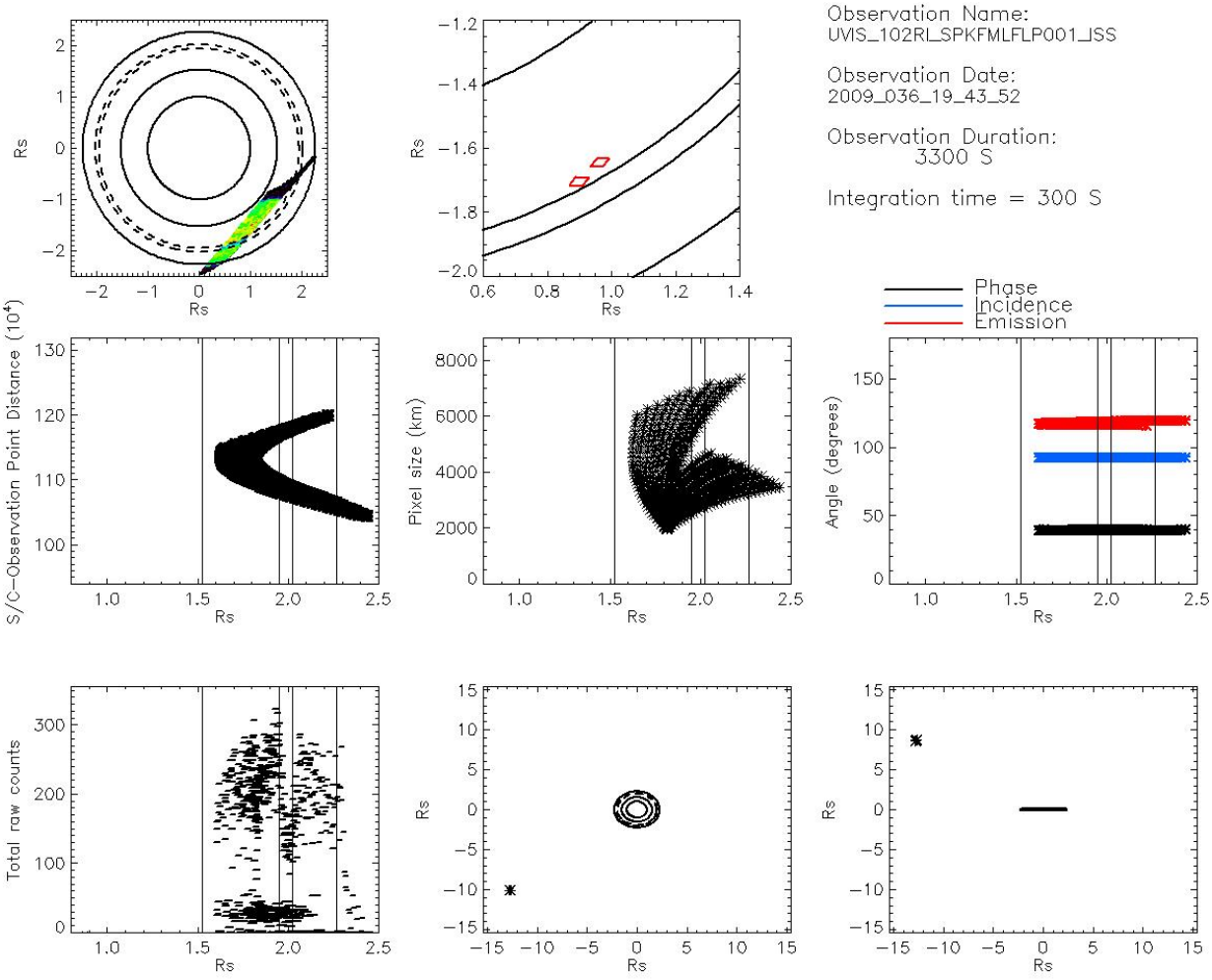


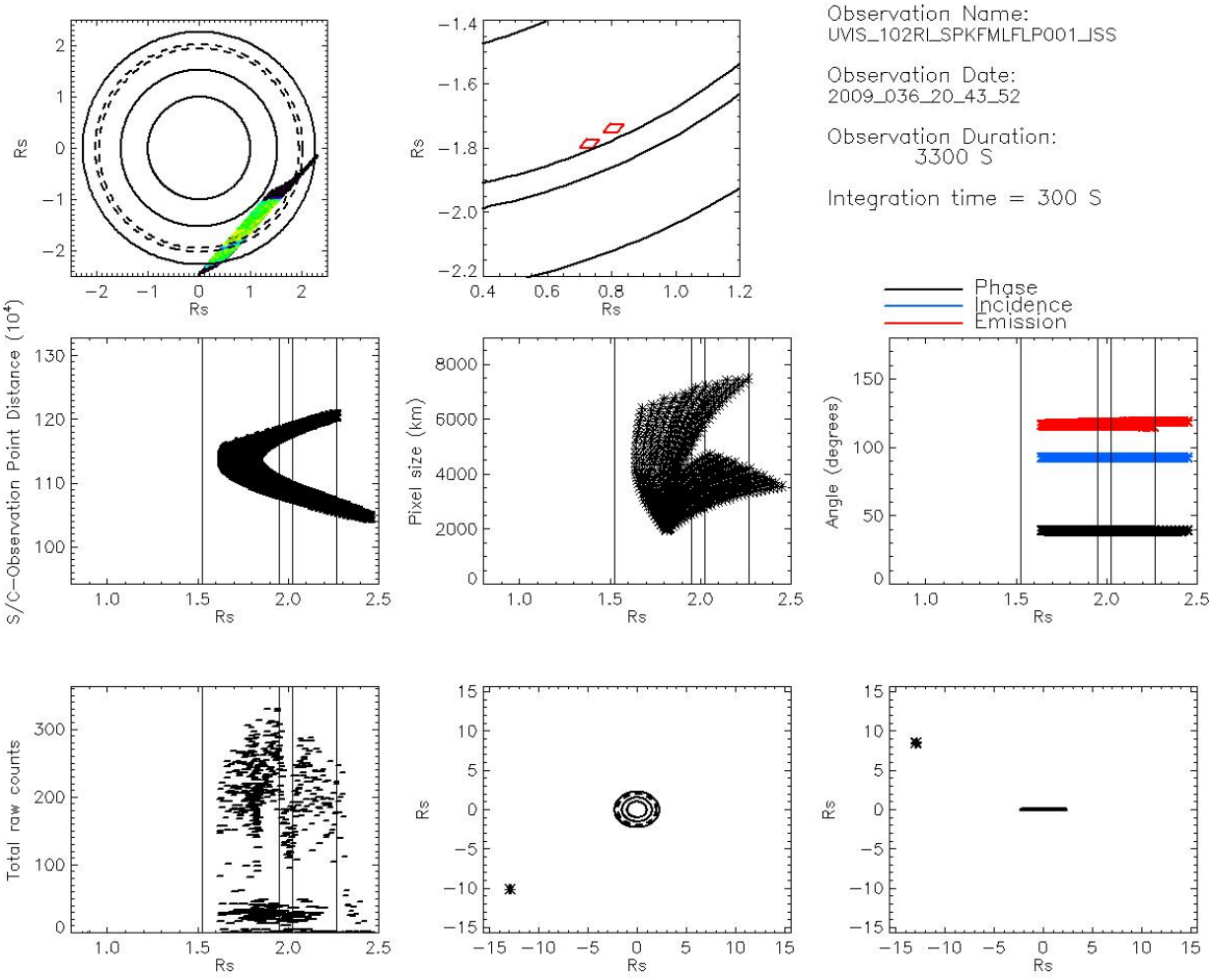


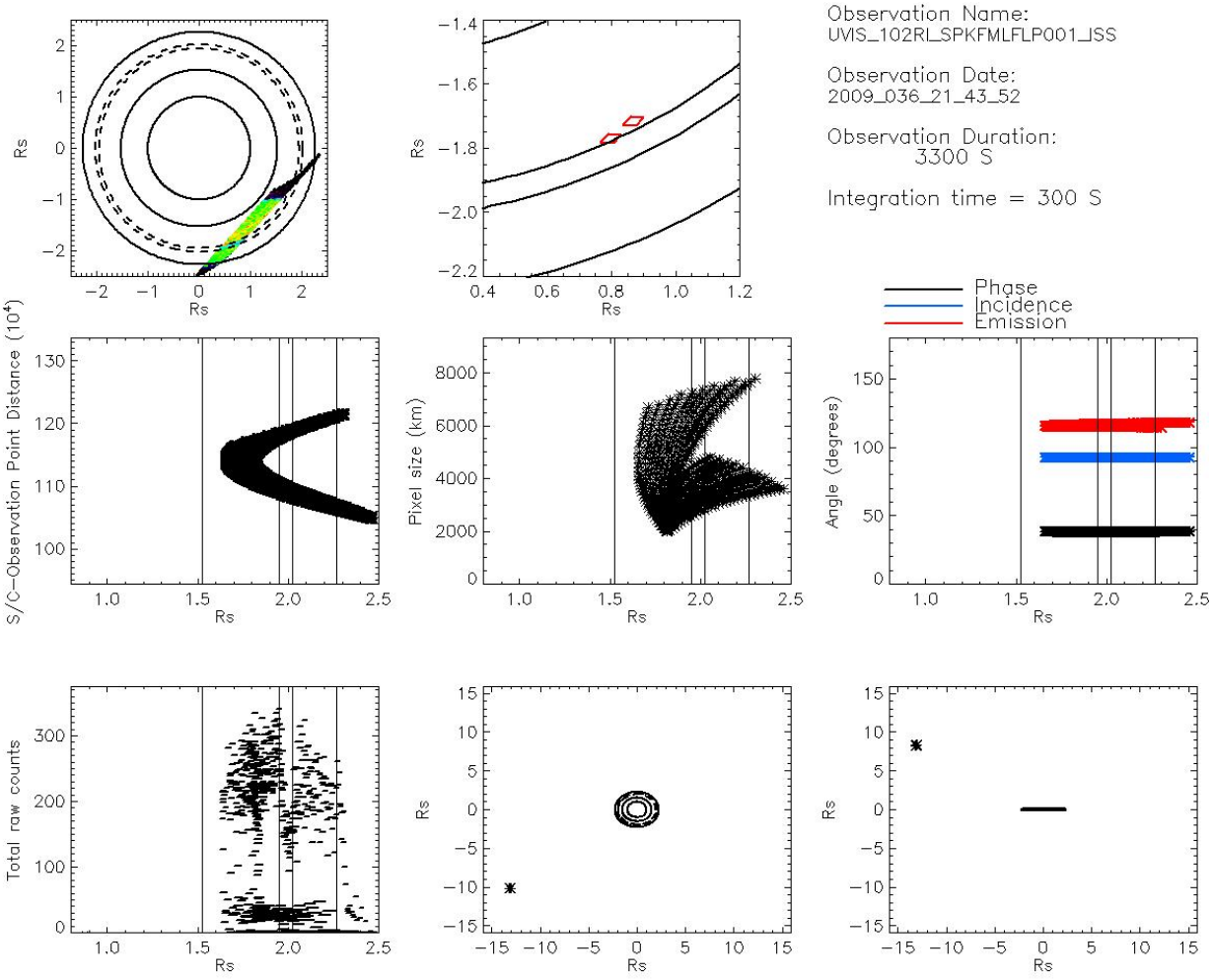


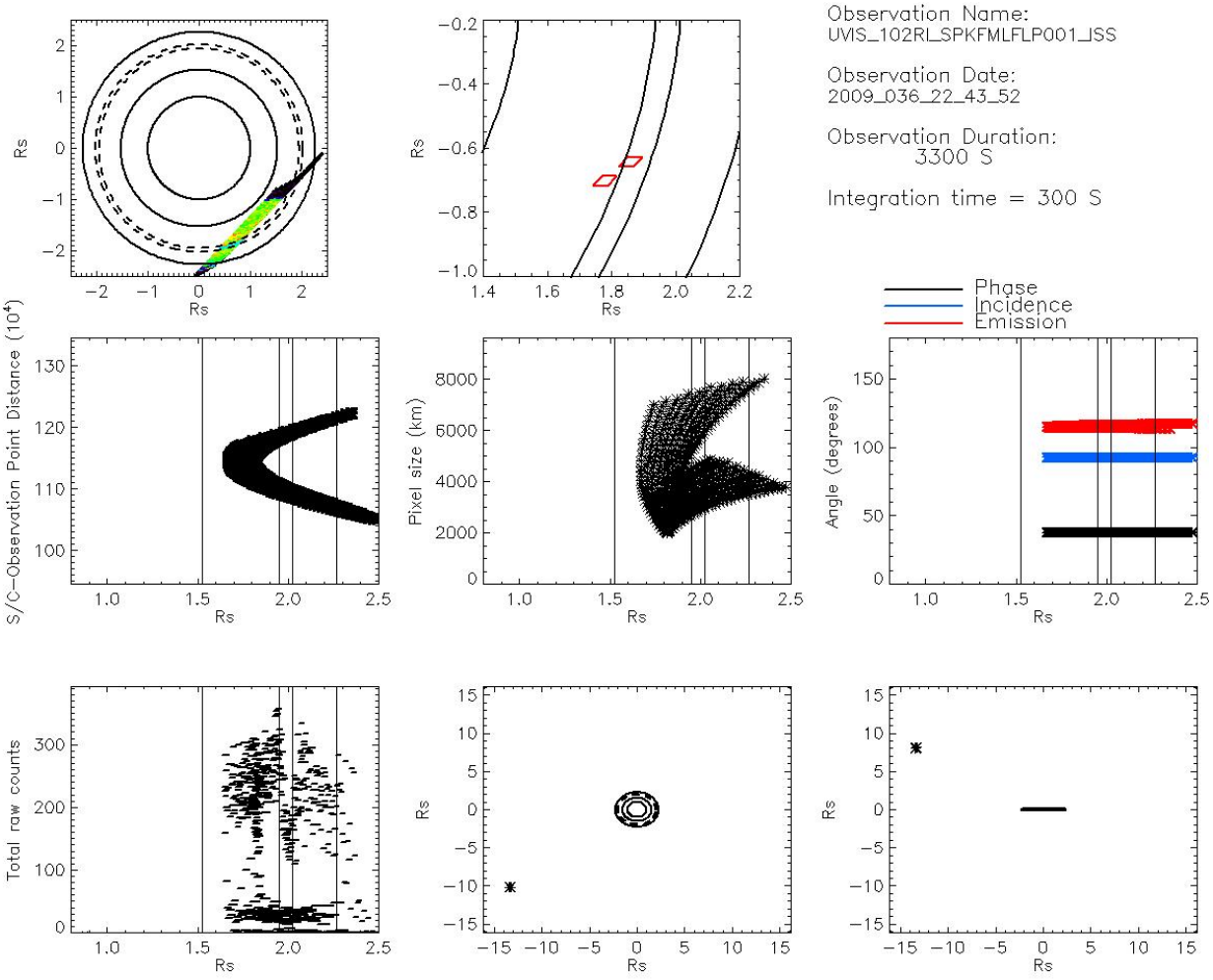

Observation Name:
UVIS_102RI_SPKFMLFLP001_JSS
Observation Date:
2009_036_17_43_52
Observation Duration:
3300 S
Integration time = 300 S
Phase
Incidence
Emission
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts
Rs

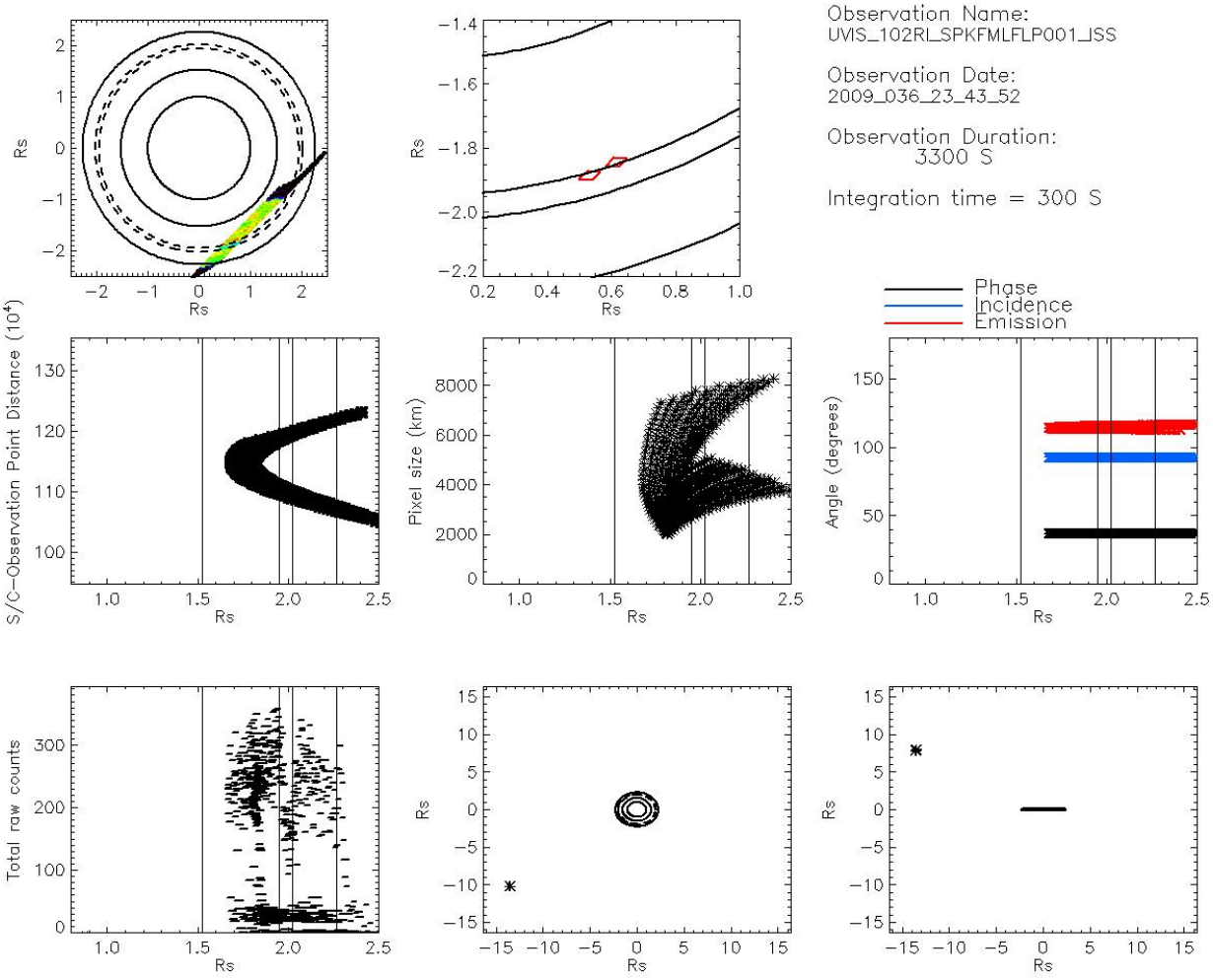

Observation Name:
UVIS_102RI_SPKFMLFLP001_JSS
Observation Date:
2009_036_18_43_52
Observation Duration:
3300 S
Integration time = 300 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts

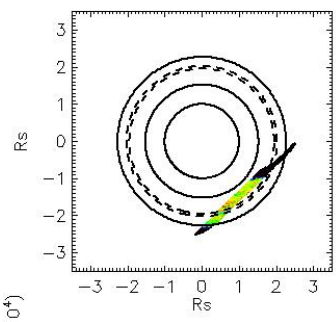

Observation Name:
UVIS_102RI_SPKFMLFLP001_JSS
Observation Date:
2009_036_19_43_52
Observation Duration:
3300 S
Integration time = 300 S
Phase
Incidence
Emission
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts
Rs

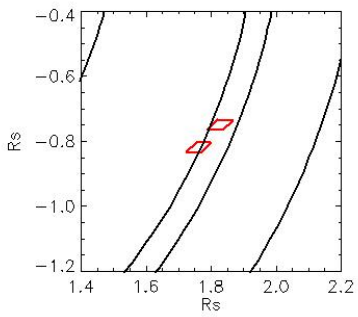

Observation Name:
UVIS_102RI_SPKFMLFLP001_JSS
Observation Date:
2009_036_20_43_52
Observation Duration:
3300 S
Integration time = 300 S
Phase
Incidence
Emission
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts
Rs


Observation Name:
UVIS_102RI_SPKFMLFLP001_JSS
Observation Date:
2009_036_21_43_52
Observation Duration:
3300 S
Integration time = 300 S
Phase
Incidence
Emission
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts
Rs


Observation Name:
UVIS_102RI_SPKFMLFLP001_JSS
Observation Date:
2009_036_22_43_52
Observation Duration:
3300 S
Integration time = 300 S
Phase
Incidence
Emission
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts
Rs


Observation Name:
UVIS_102RI_SPKFMLFLP001_JSS
Observation Date:
2009_036_23_43_52
Observation Duration:
3300 S
Integration time = 300 S
Phase
Incidence
Emission
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts
Rs



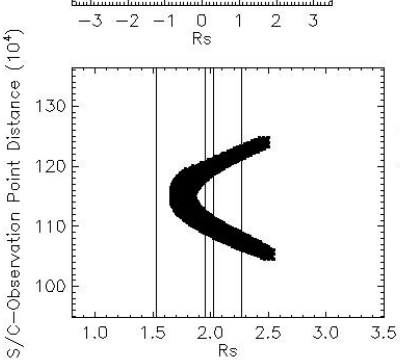


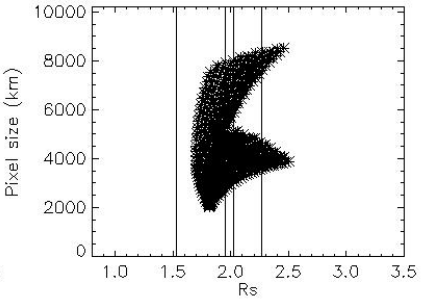
Observation Name:
UVIS_102RI_SPKFMLFLP001_JSS

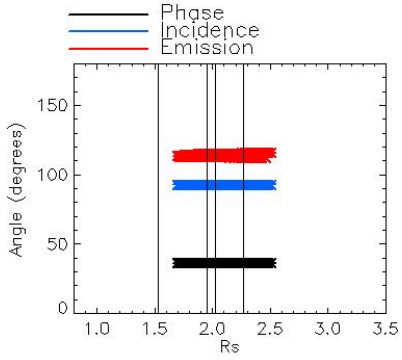
Observation Date:
2009_037_00_43_52

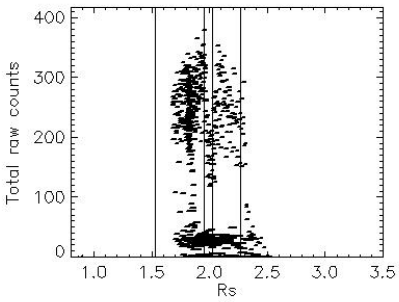
Observation Duration:
3300 S

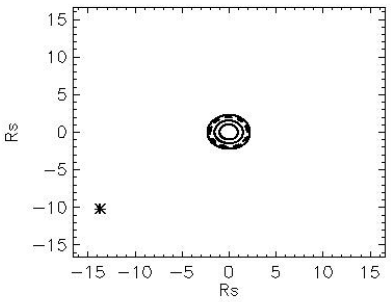
Integration time = 300 S

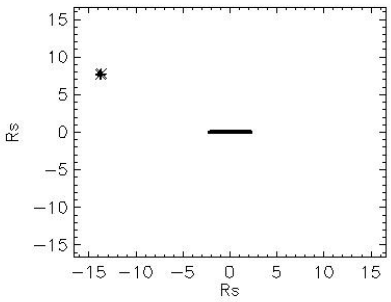


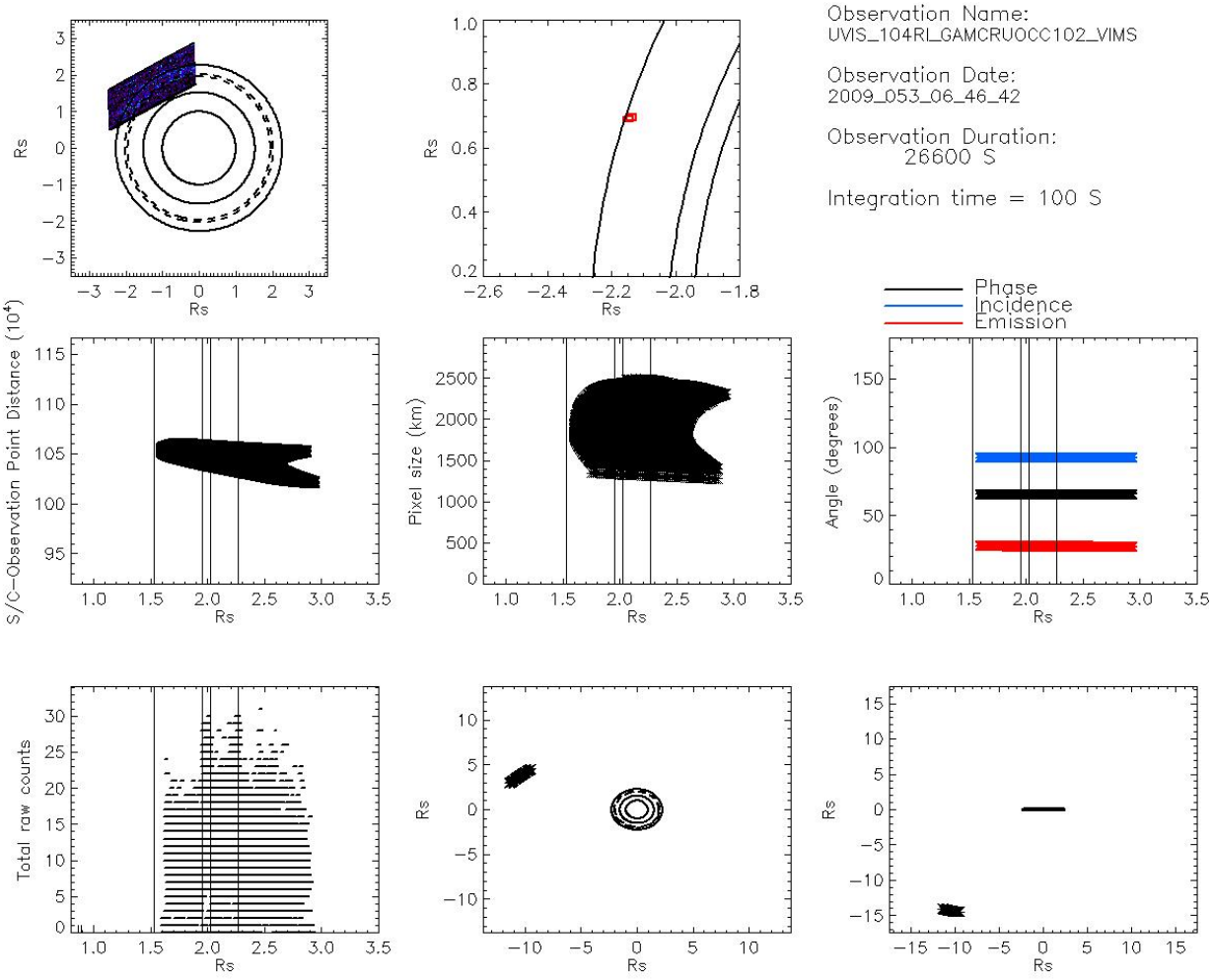


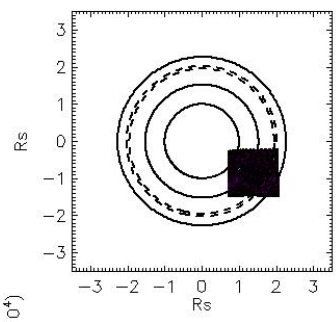


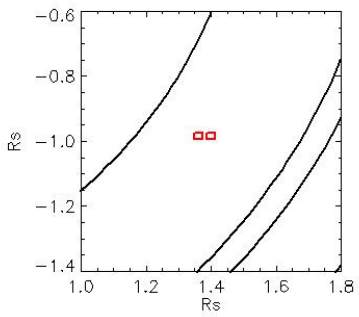







Observation Name:
UVIS_104RI_GAMCRUOCC102_VIMS
Observation Date:
2009_053_06_46_42
Observation Duration:
26600 S
Integration time = 100 S
Phase
Incidence
Emission
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts
Rs



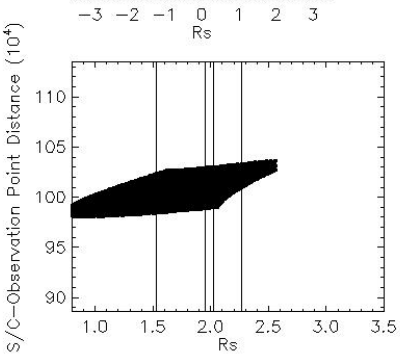


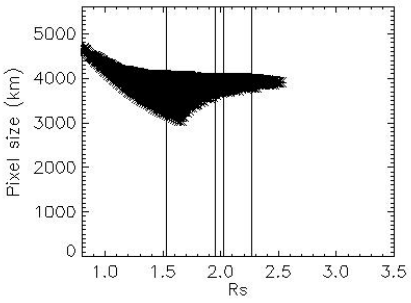
Observation Name:
UVIS_104RI_VTMPN60MP001_CIRS

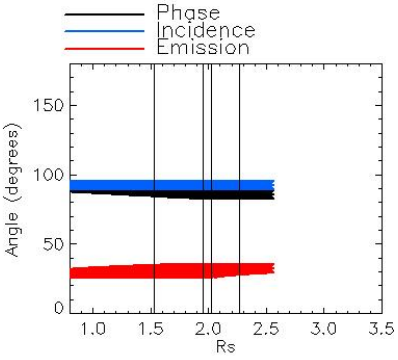
Observation Date:
2009_054_15_36_31

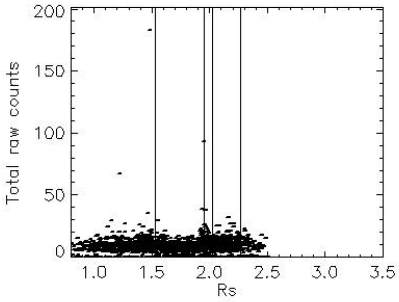
Observation Duration:
3200 S

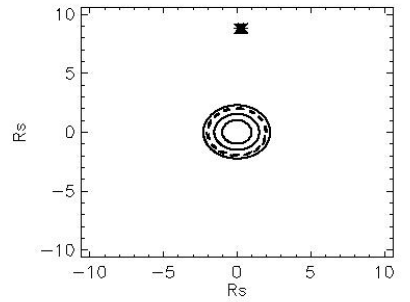
Integration time = 100 S

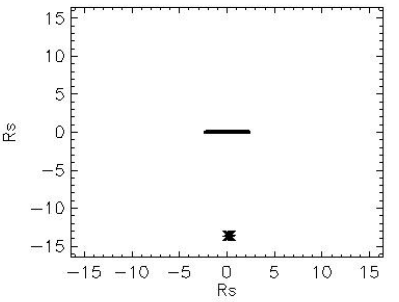


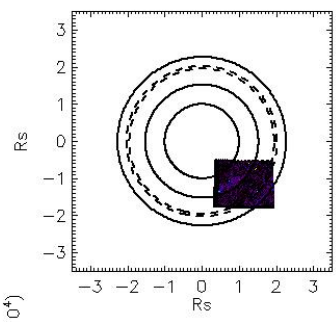


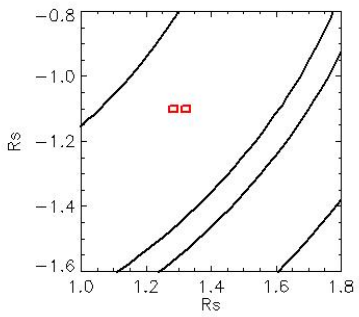










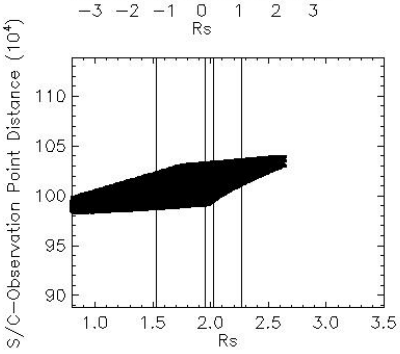


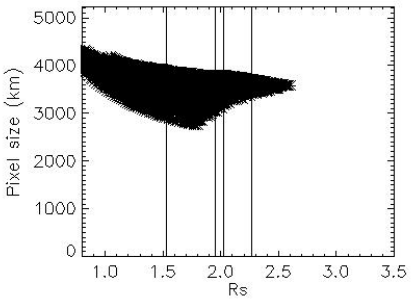
Observation Name:
UVIS_104RI_VTMPN60MP001_CIRS

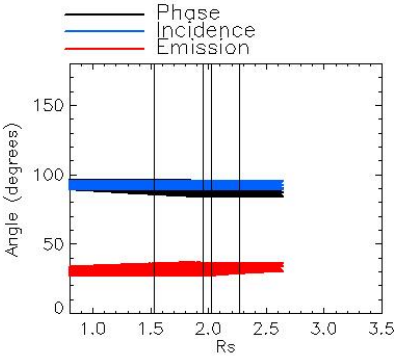
Observation Date:
2009_054_16_36_31

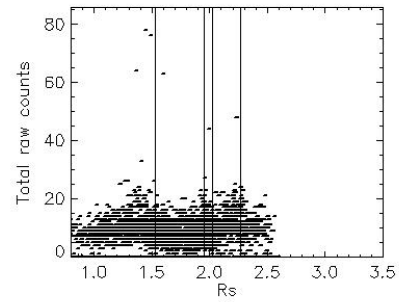
Observation Duration:
3700 S

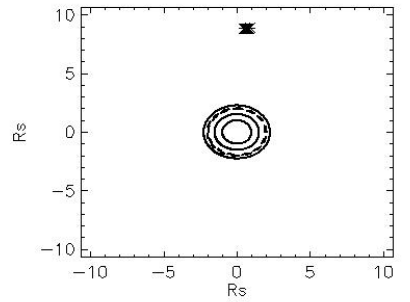
Integration time = 100 S

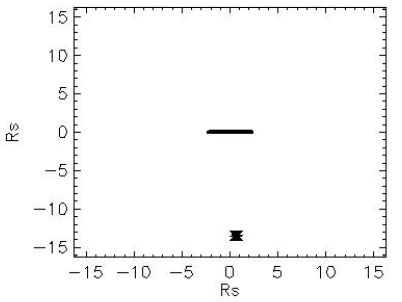


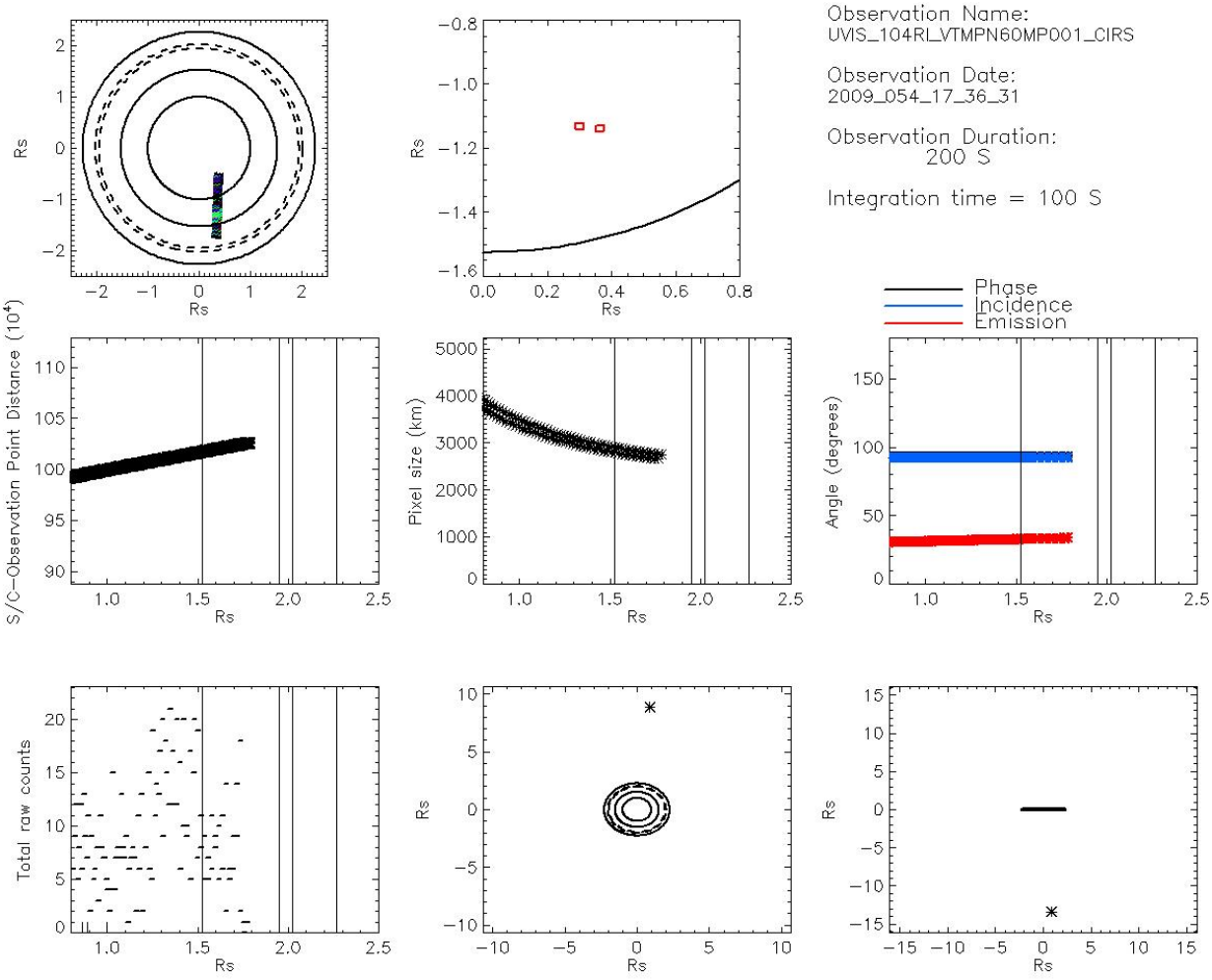


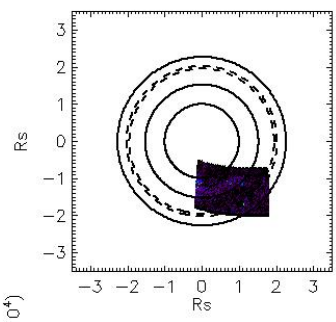


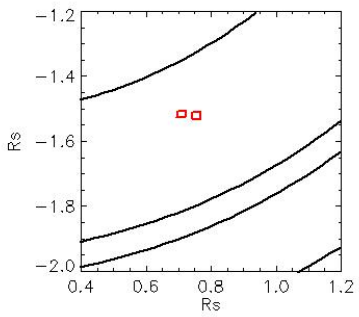







Observation Name:
UVIS_104RI_VTMPN60MP001_CIRS
Observation Date:
2009_054_17_36_31
Observation Duration:
200 S
Integration time = 100 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts



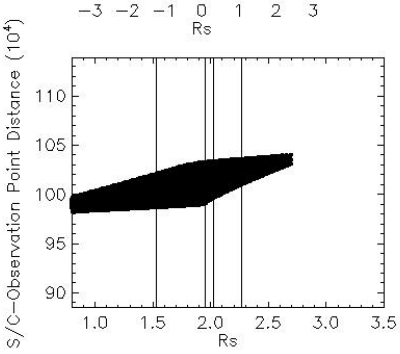


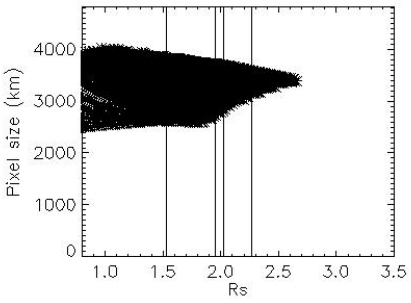
Observation Name:
UVIS_104RI_VTMPN60MP001_CIRS

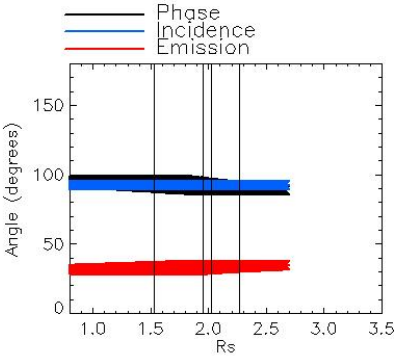
Observation Date:
2009_054_17_46_31

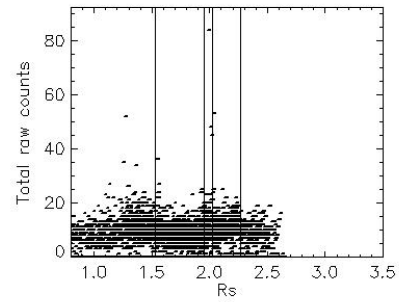
Observation Duration:
4200 S

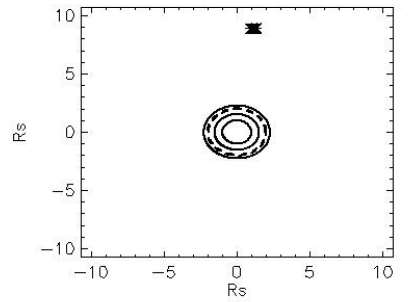
Integration time = 100 S

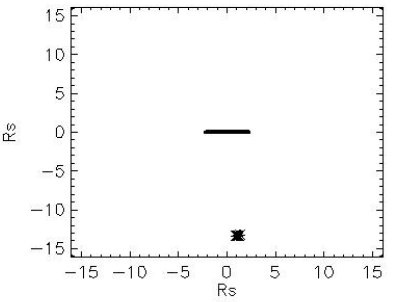


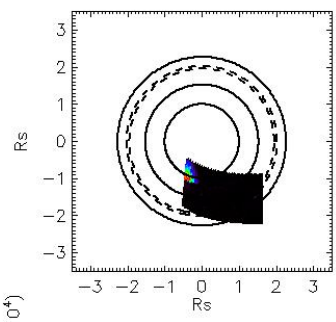


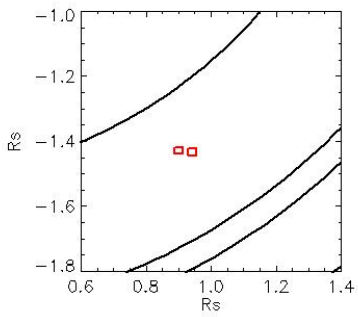










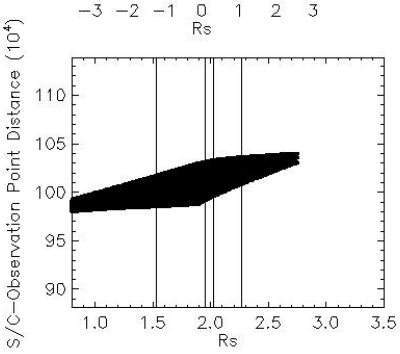


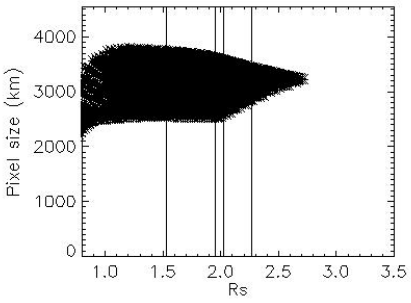
Observation Name:
UVIS_104RI_VTMPN60MP001_CIRS

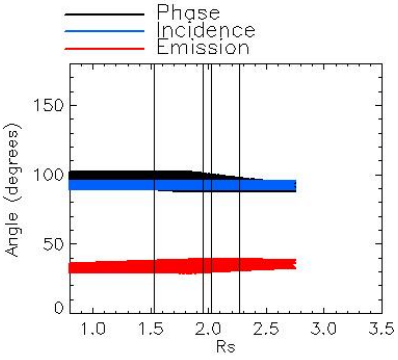
Observation Date:
2009_054_19_03_31

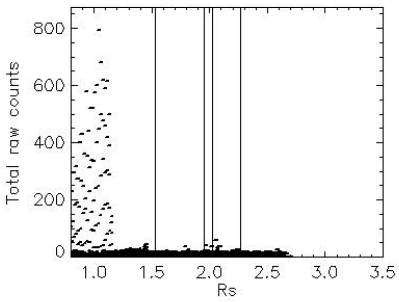
Observation Duration:
4500 S

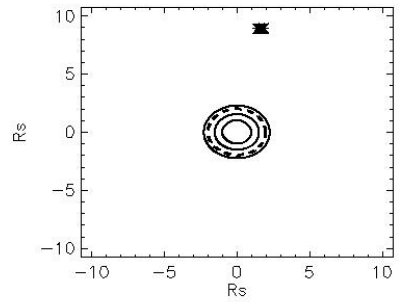
Integration time = 100 S

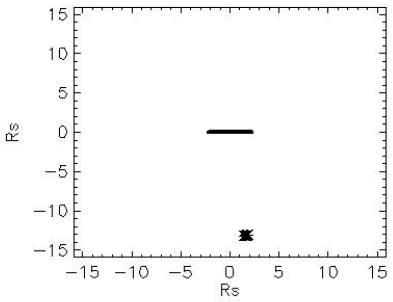


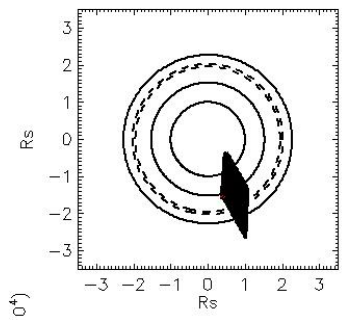


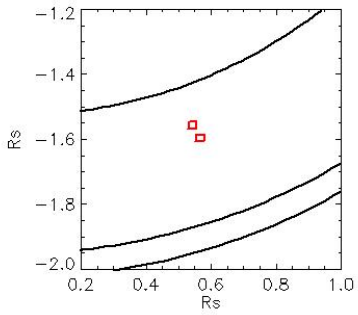










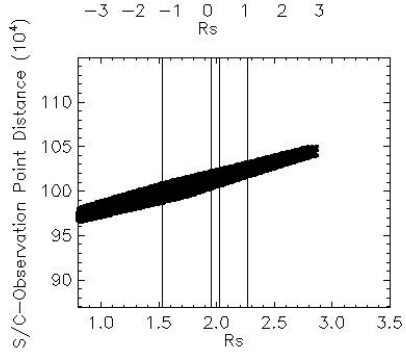


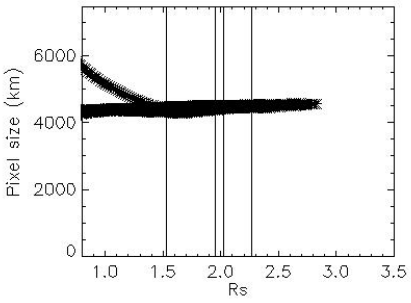
Observation Name:
UVIS_104RI_VTMPN60MP001_CIRS

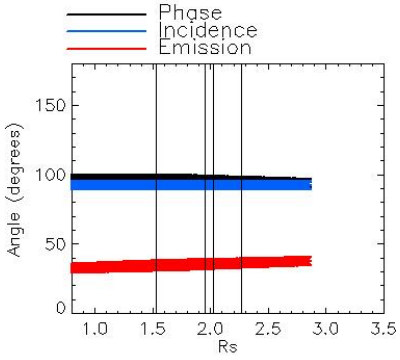
Observation Date:
2009_054_20_25_31

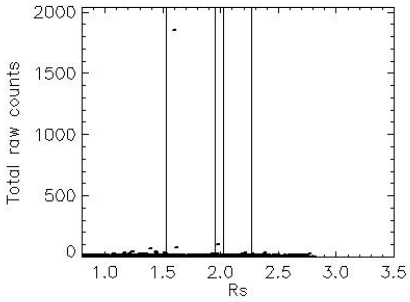
Observation Duration:
2700 S

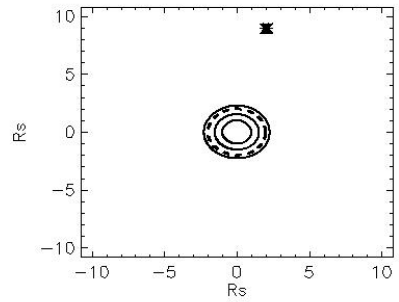
Integration time = 100 S

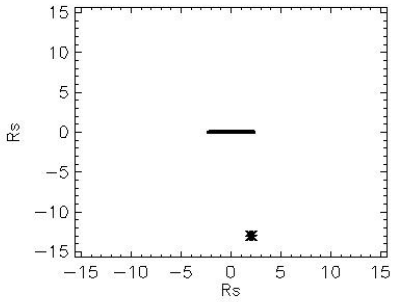


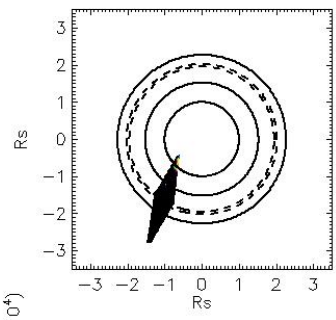


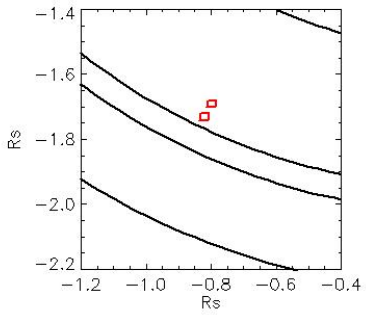










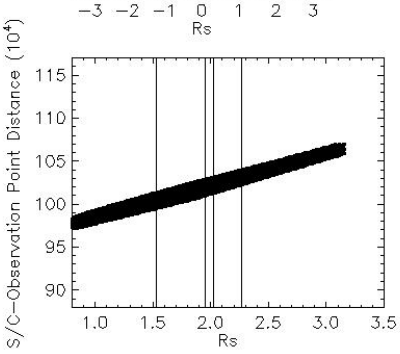


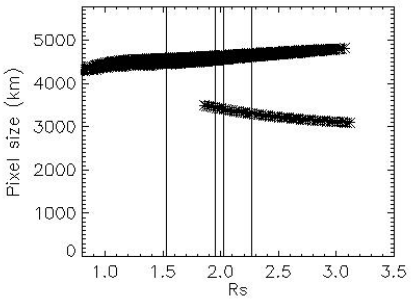
Observation Name:
UVIS_104RI_VTMPN60MP001_CIRS

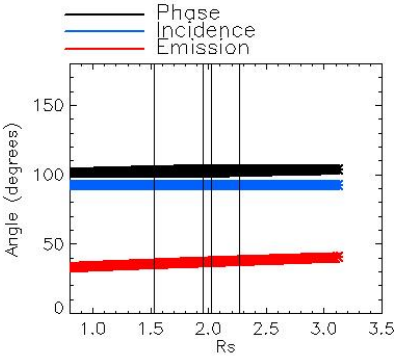
Observation Date:
2009_054_21_16_31

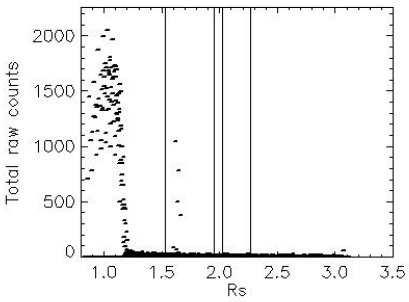
Observation Duration:
2700 S

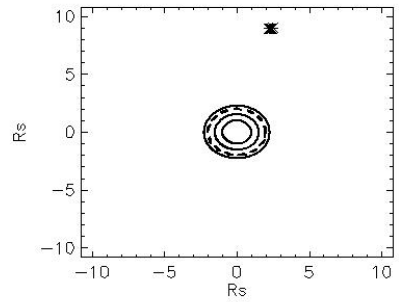
Integration time = 100 S

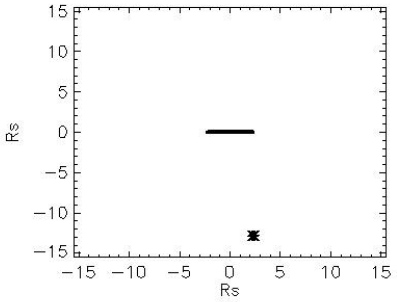


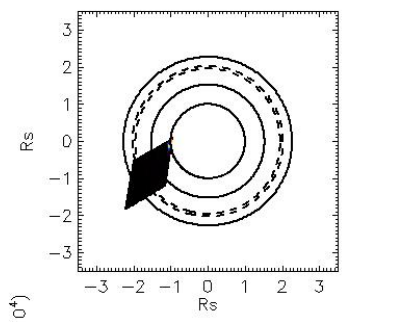


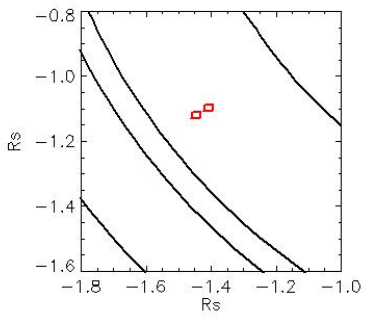










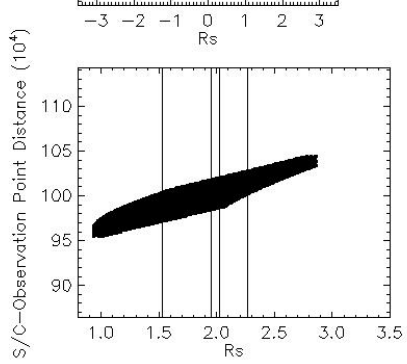


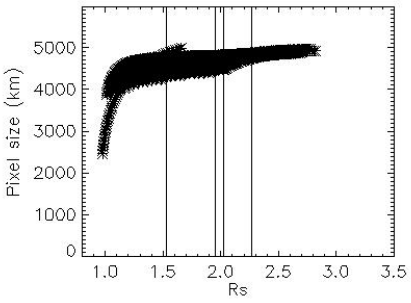
Observation Name:
UVIS_104RI_VTMPN60MP001_CIRS

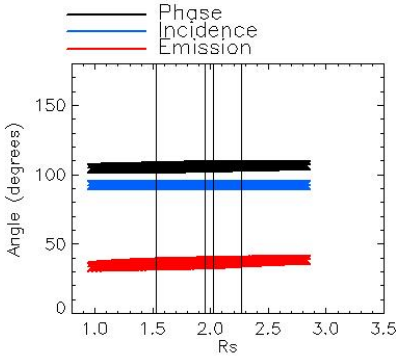
Observation Date:
2009_054_22_07_31

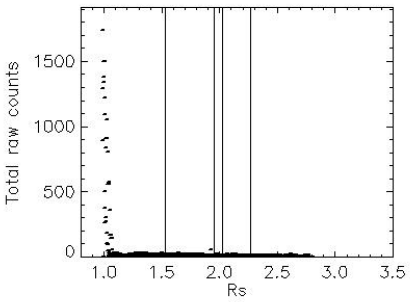
Observation Duration:
2700 S

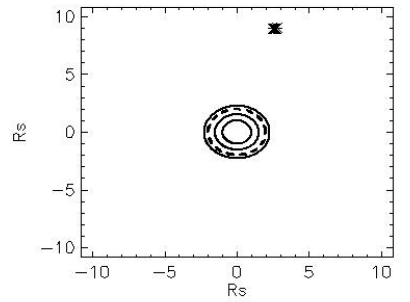
Integration time = 100 S

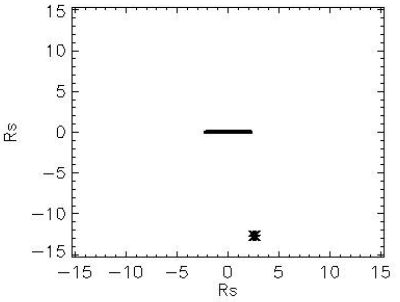


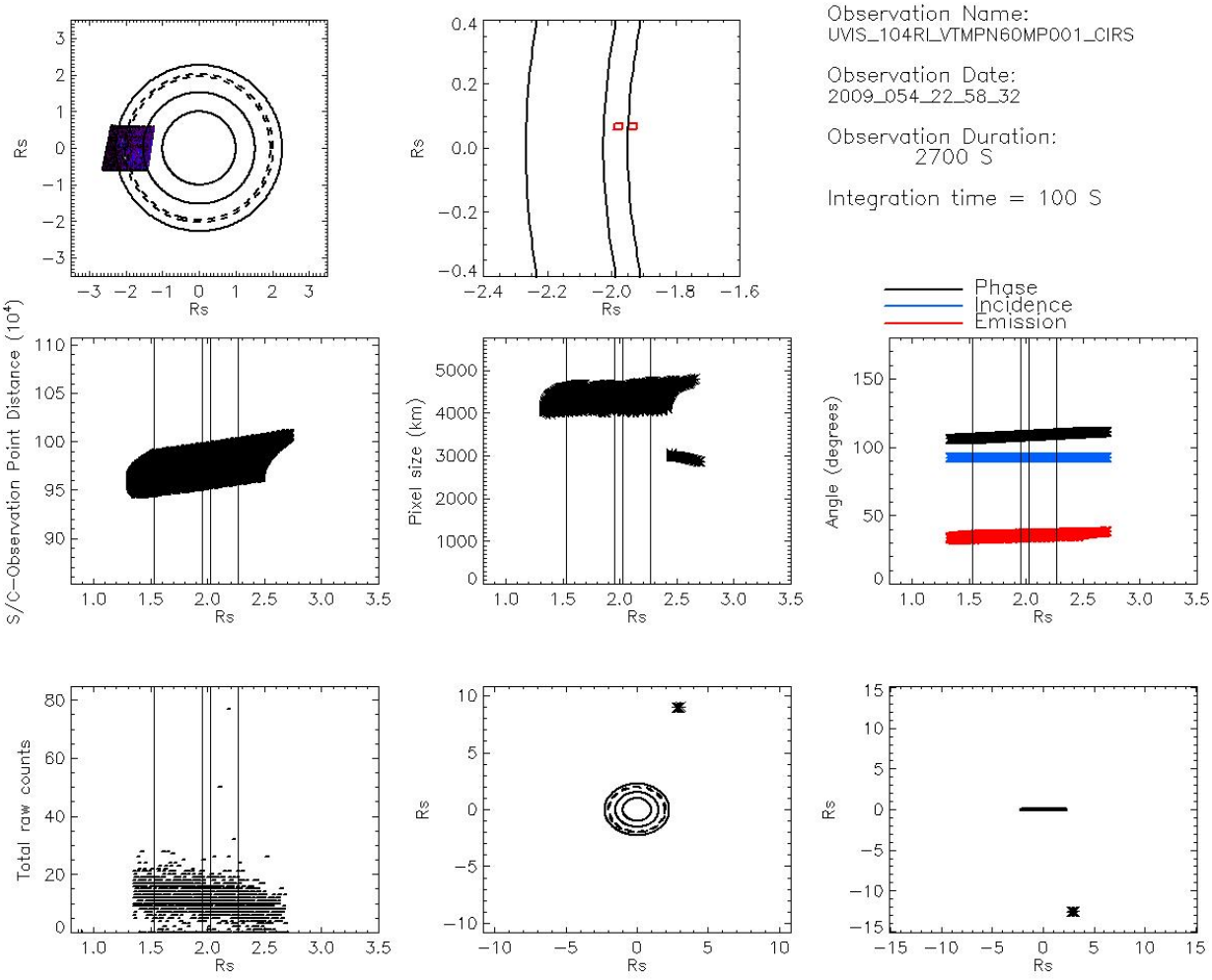


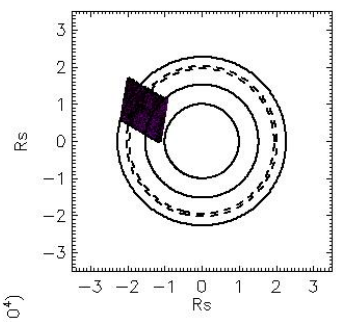


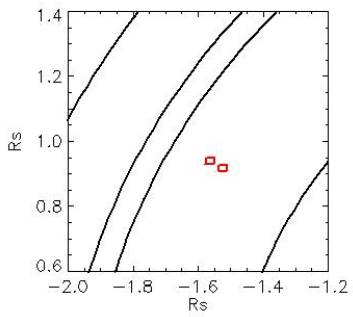







Observation Name:
UVIS_104RI_VTMPN60MP001_CIRS
Observation Date:
2009_054_22_58_32
Observation Duration:
2700 S
Integration time = 100 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts



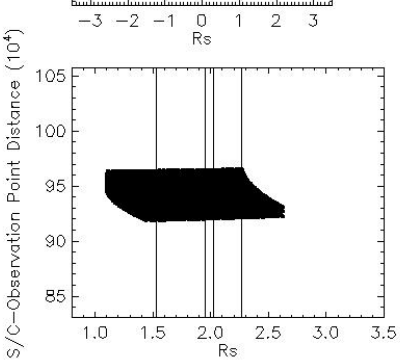


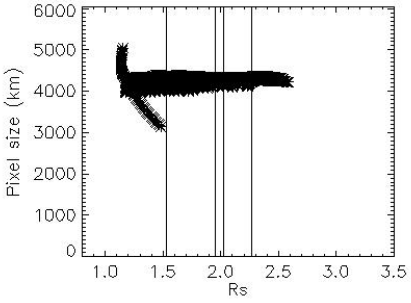
Observation Name:
UVIS_104RI_VTMPN60MP001_CIRS

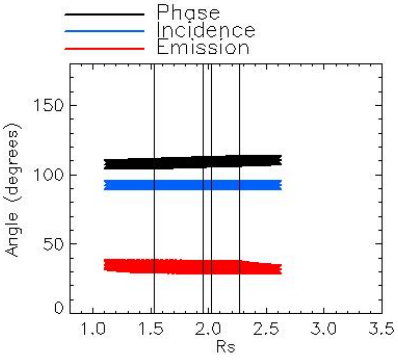
Observation Date:
2009_054_23_49_32

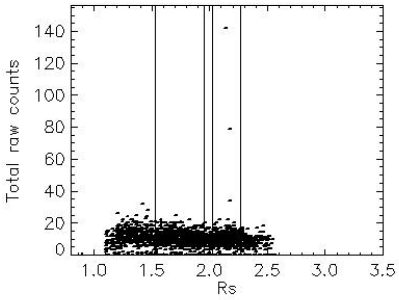
Observation Duration:
2700 S

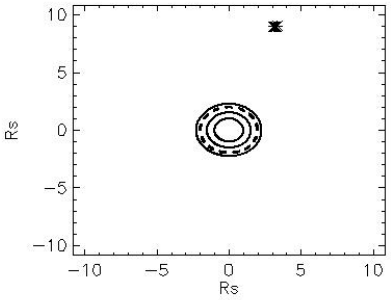
Integration time = 100 S

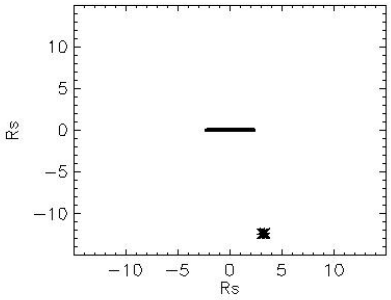


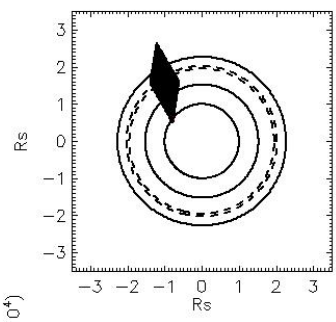


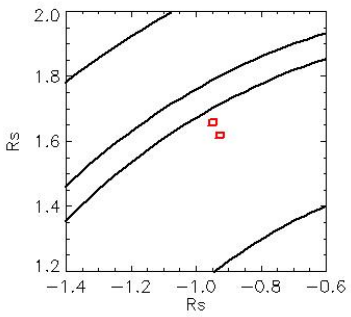










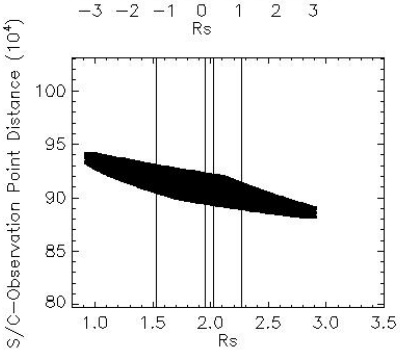


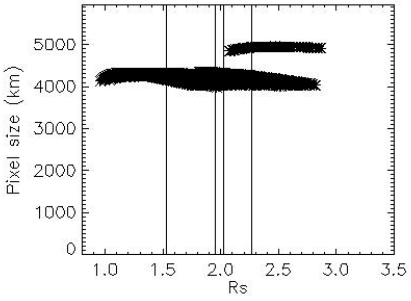
Observation Name:
UVIS_104RI_VTMPN60MP001_CIRS

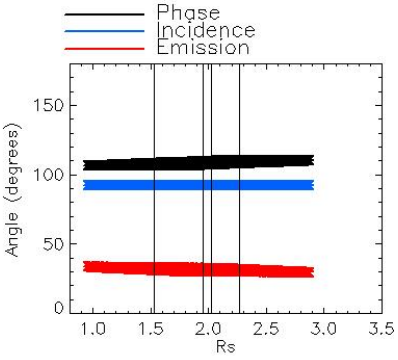
Observation Date:
2009_055_00_40_32

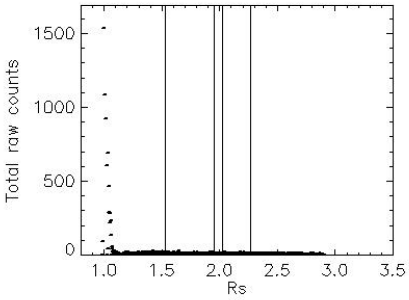
Observation Duration:
2700 S

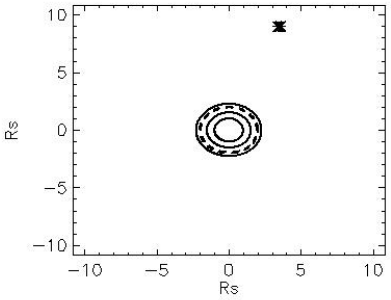
Integration time = 100 S

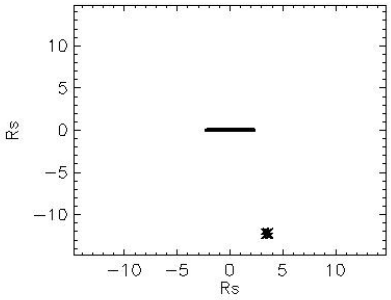


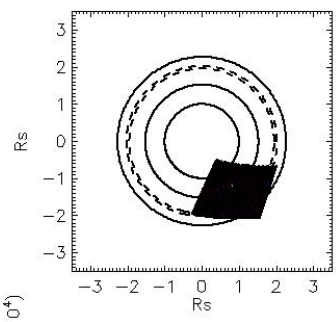


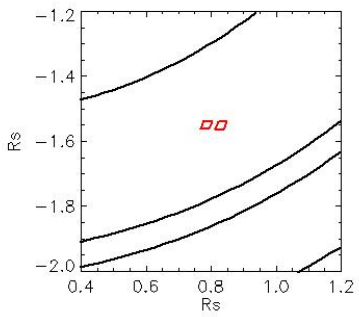










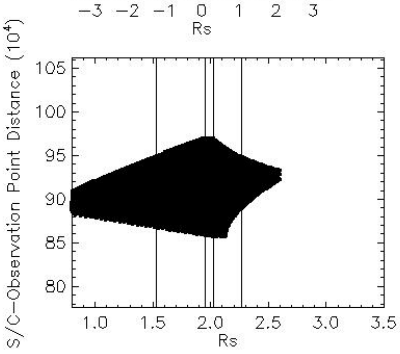


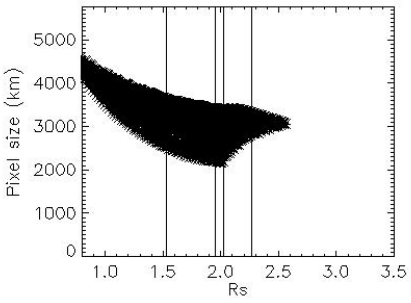
Observation Name:
UVIS_104RI_TDIFN45HP001_CIRS

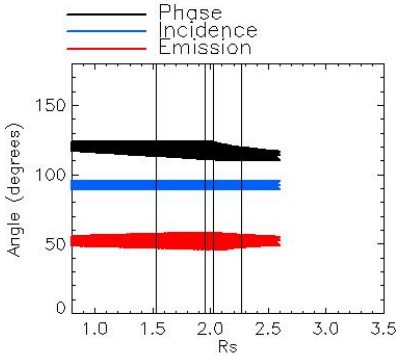
Observation Date:
2009_055_14_31_32

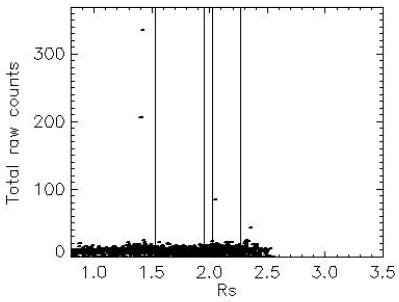
Observation Duration:
3800 S

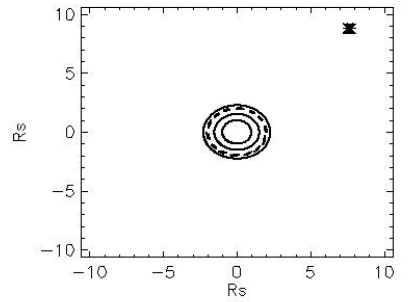
Integration time = 100 S

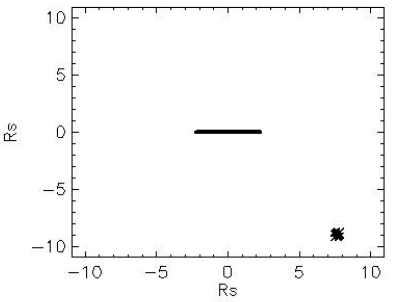


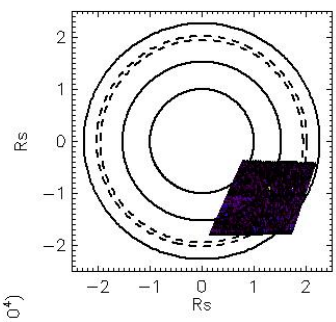


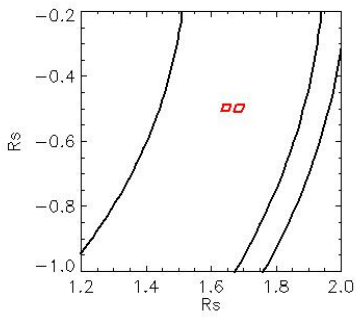










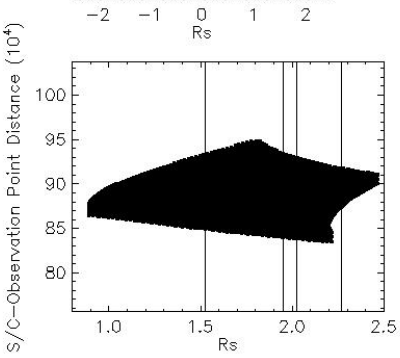


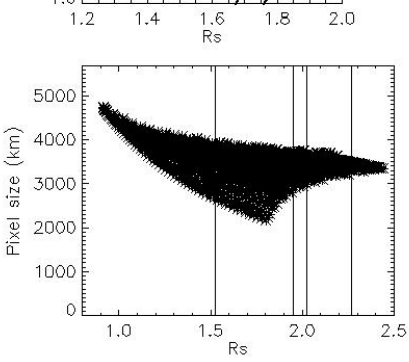
Observation Name:
UVIS_104RI_TDIFN45HP001_CIRS

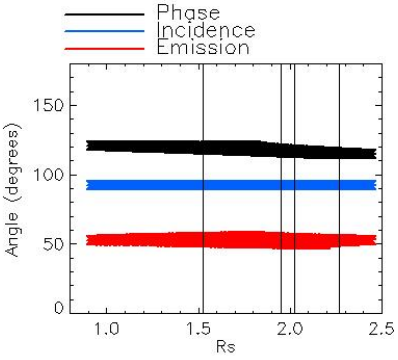
Observation Date:
2009_055_15_38_32

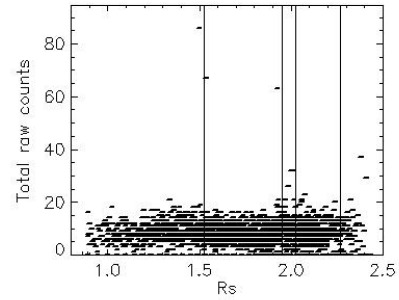
Observation Duration:
3200 S

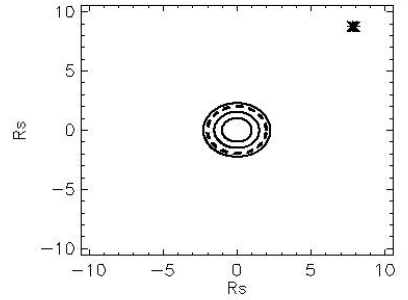
Integration time = 100 S

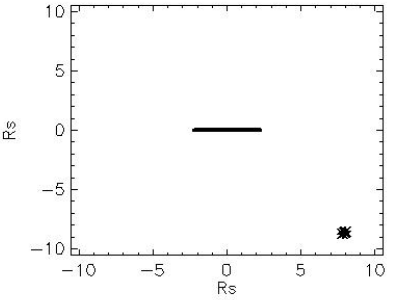


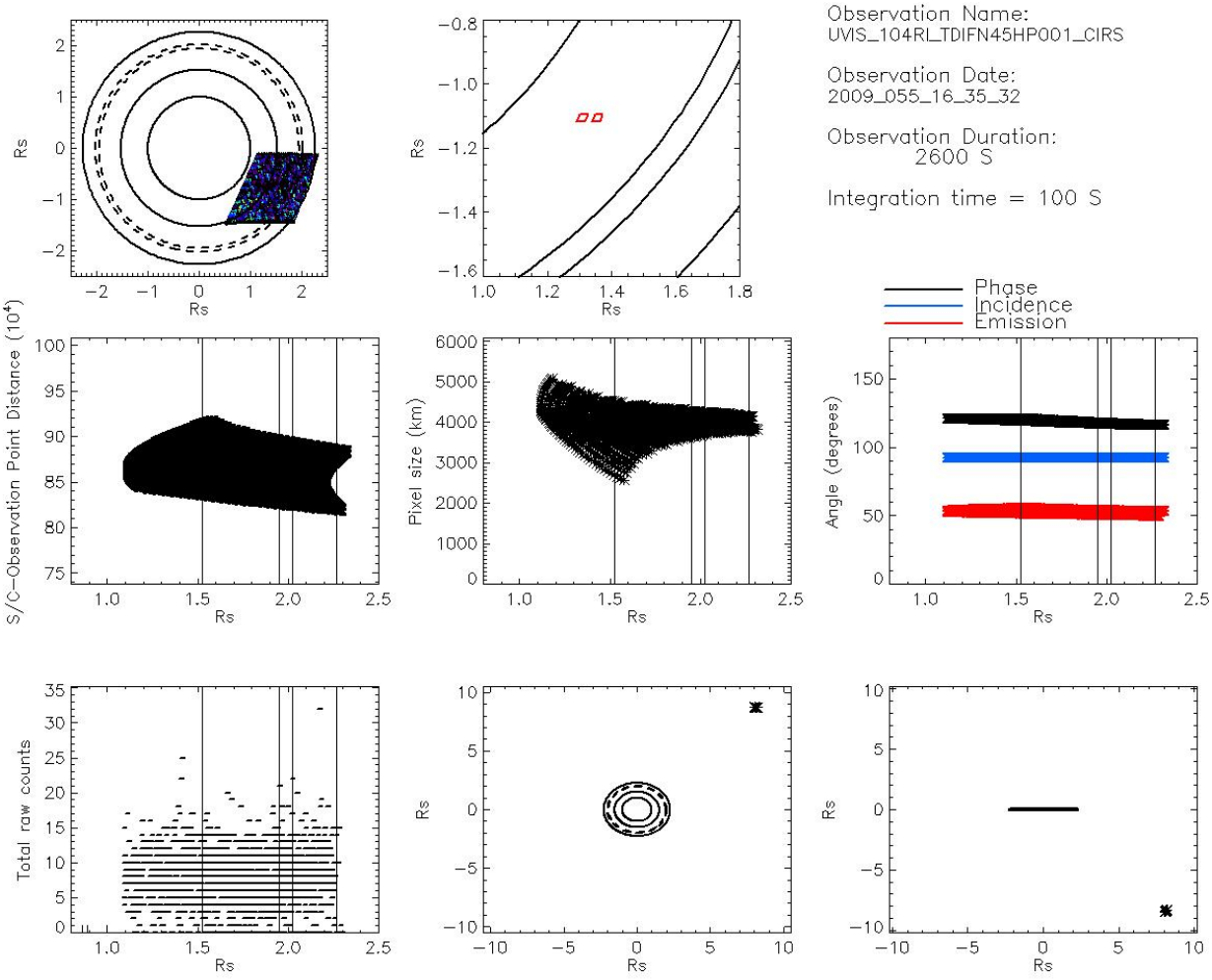


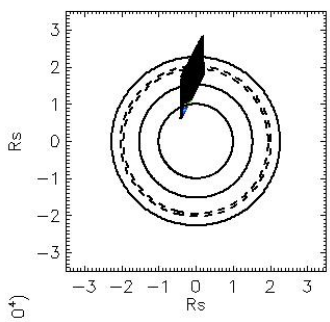


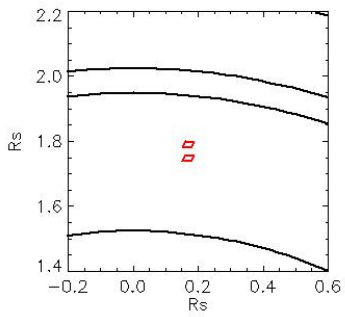







Observation Name:
UVIS_104RI_TDIFN45HP001_CIRS
Observation Date:
2009_055_16_35_32
Observation Duration:
2600 S
Integration time = 100 S
Phase
Incidence
Emission
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts
Rs



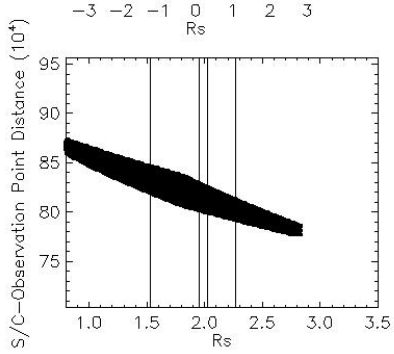


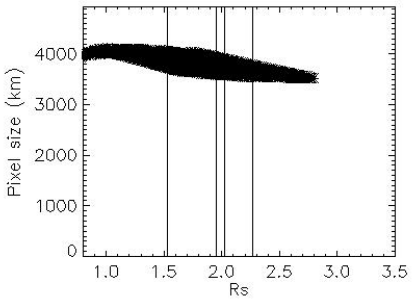
Observation Name:
UVIS_104RI_TDIFN45HP001_CIRS

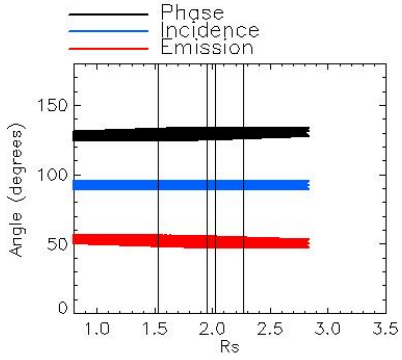
Observation Date:
2009_055_17_23_32

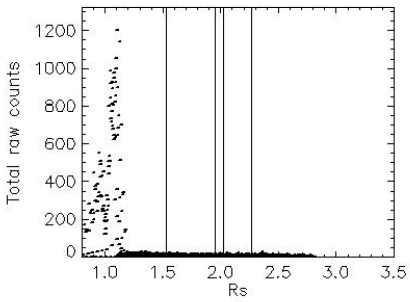
Observation Duration:
2400 S

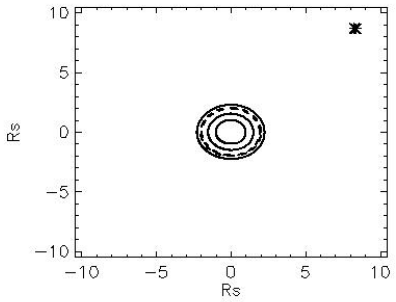
Integration time = 100 S

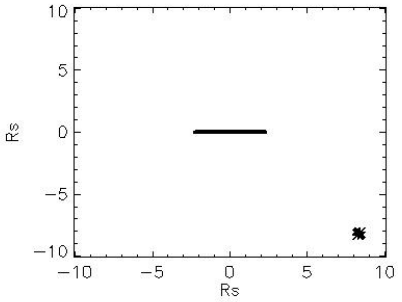


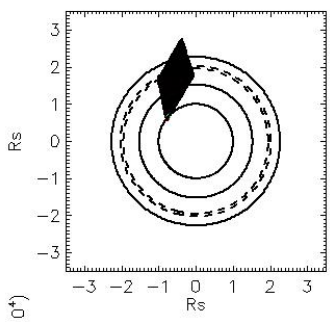


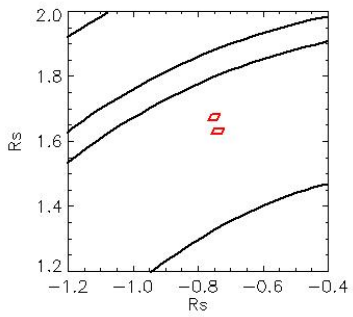










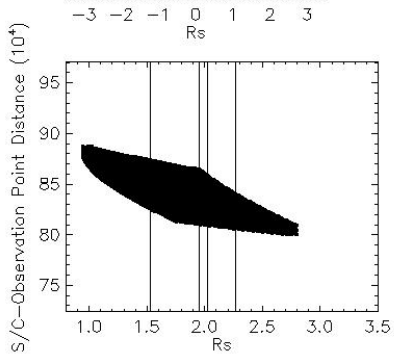


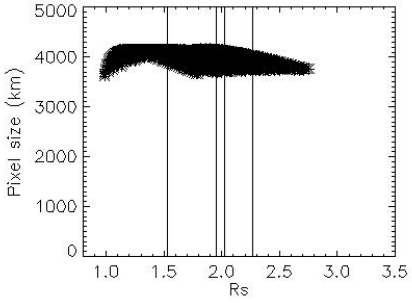
Observation Name:
UVIS_104RI_TDIFN45HP001_CIRS

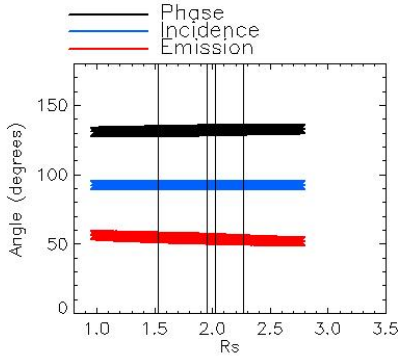
Observation Date:
2009_055_18_07_32

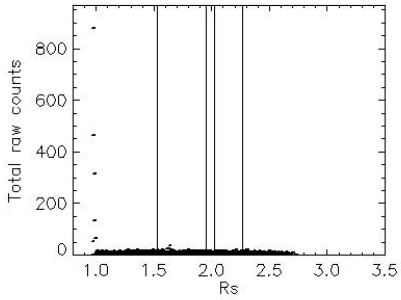
Observation Duration:
2400 S

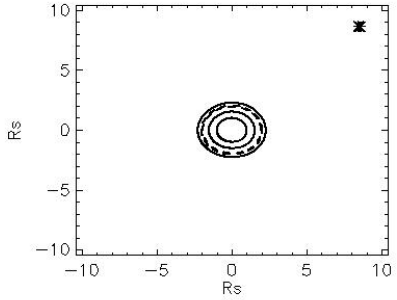
Integration time = 100 S

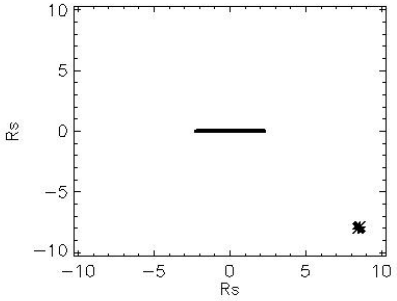


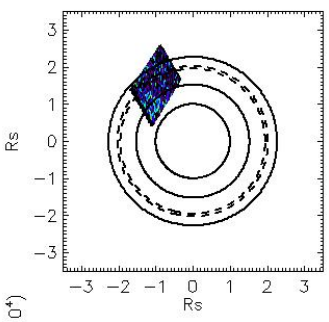


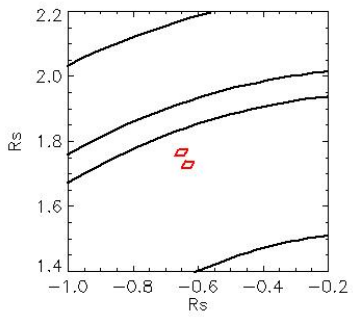










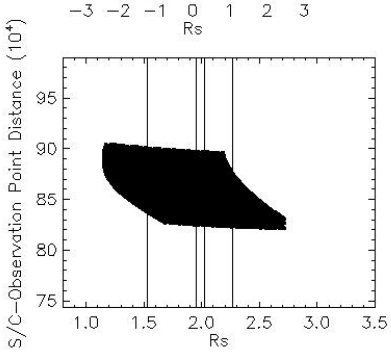


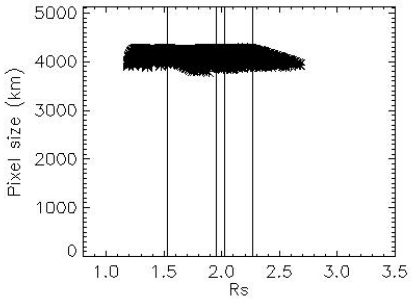
Observation Name:
UVIS_104RI_TDIFN45HP001_CIRS

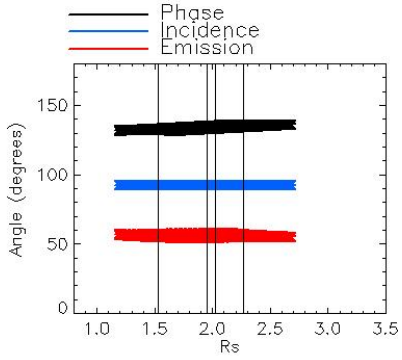
Observation Date:
2009_055_18_50_32

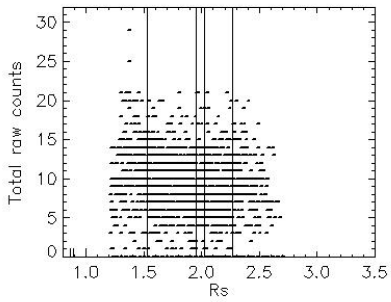
Observation Duration:
2400 S

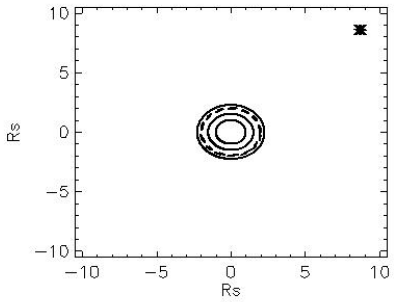
Integration time = 100 S

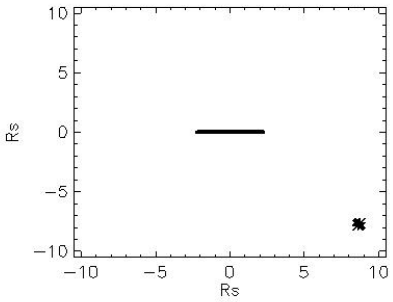


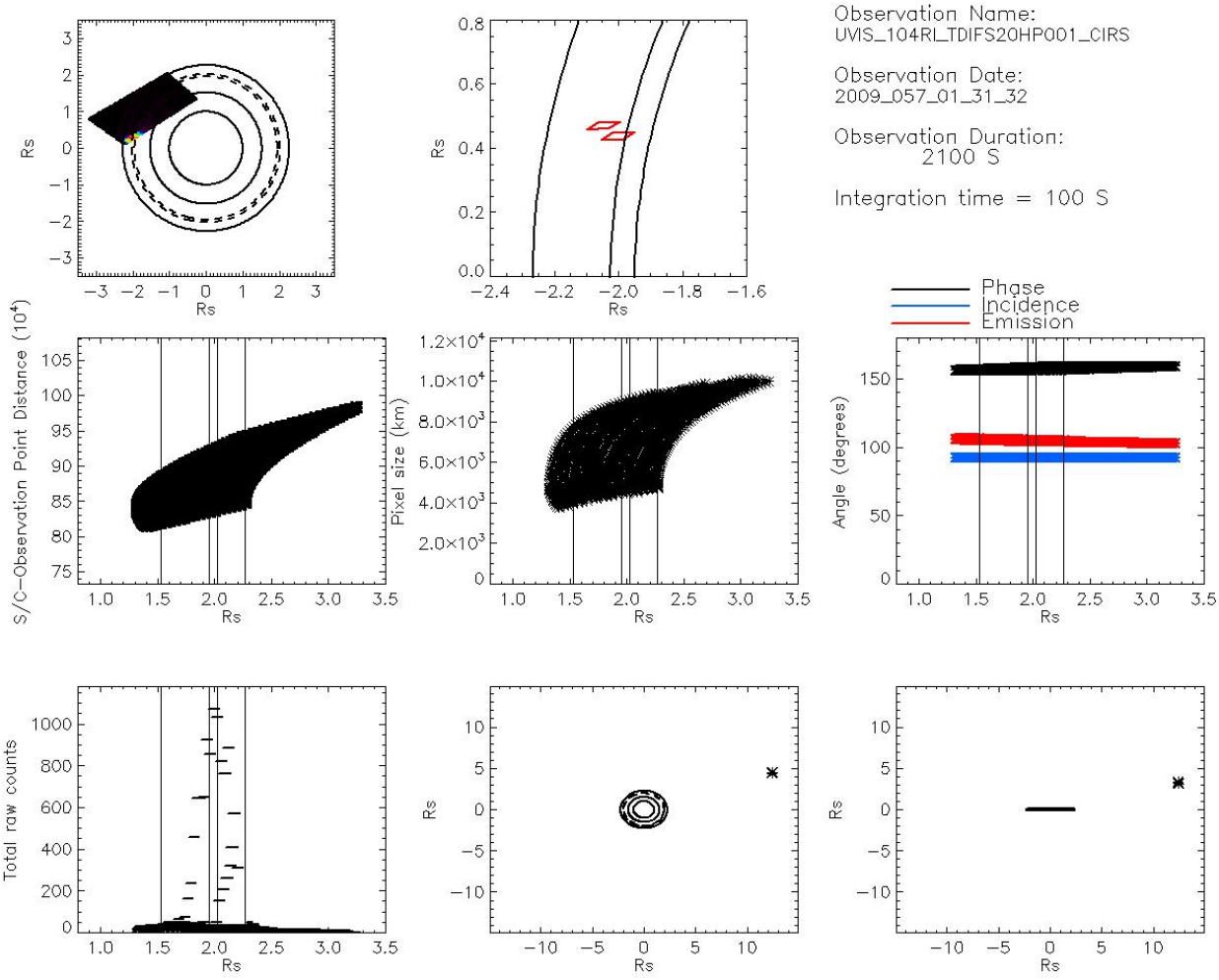


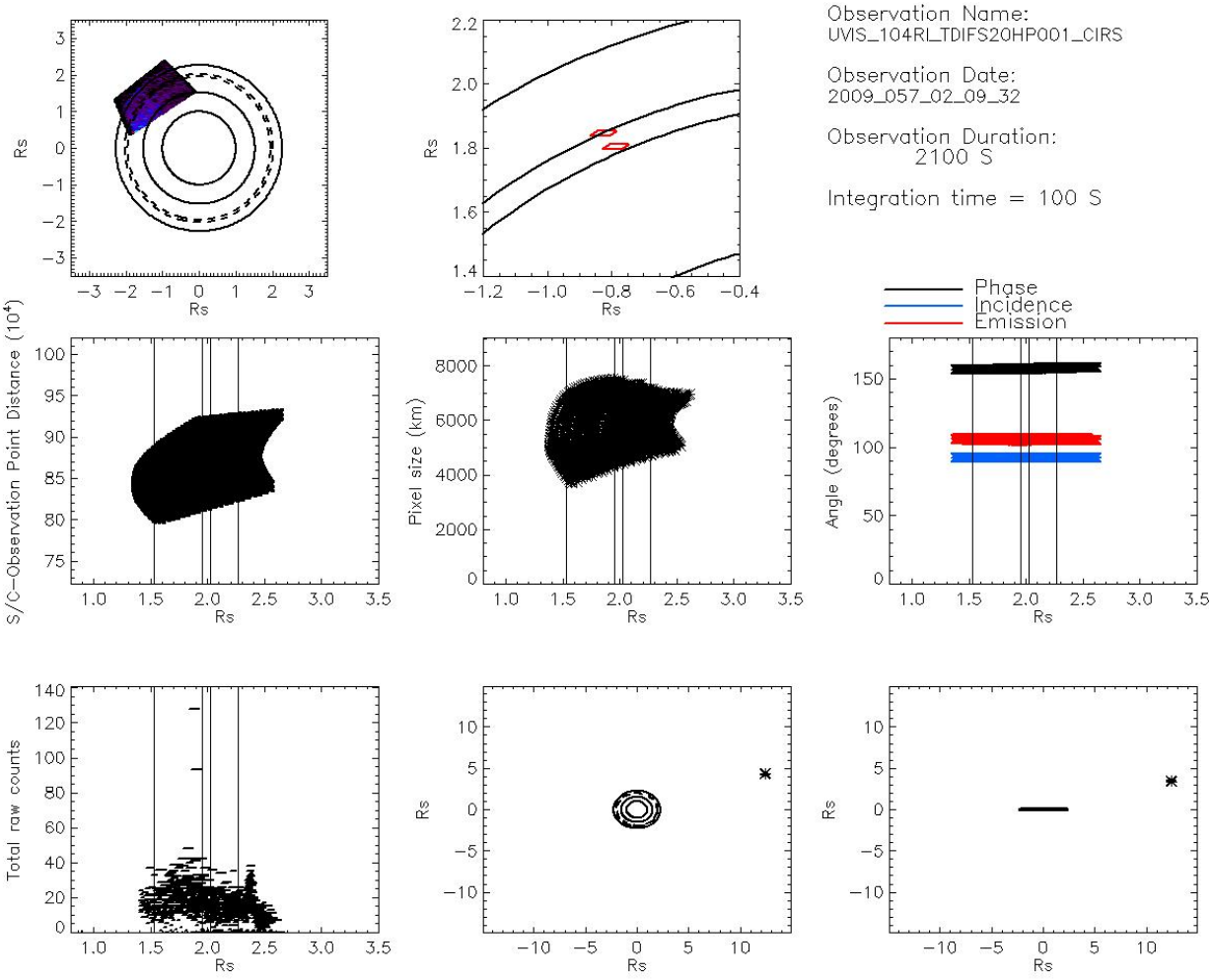


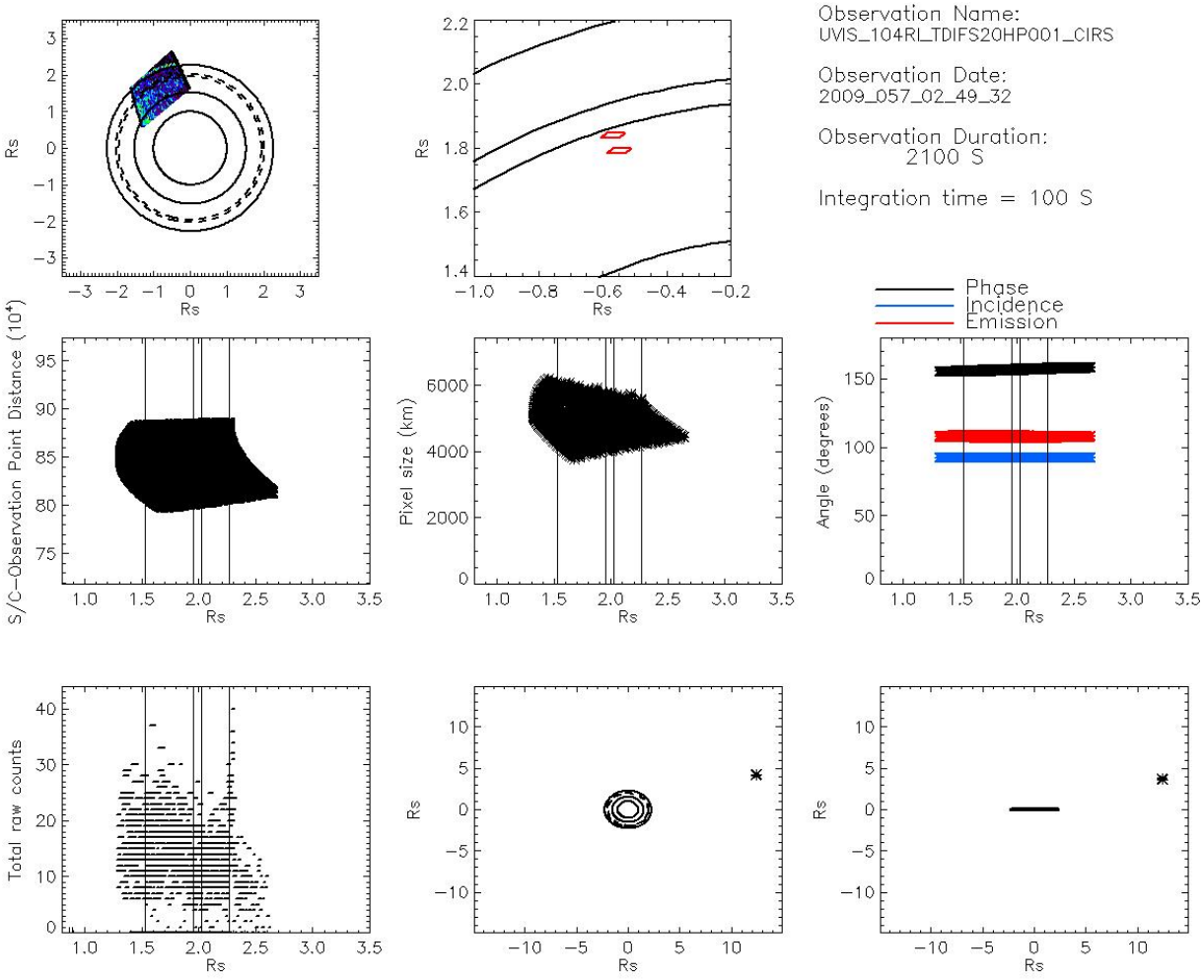


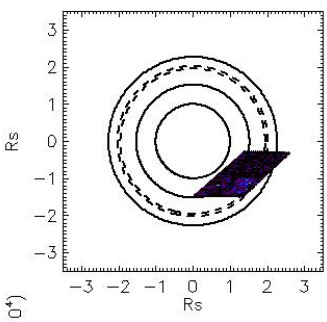


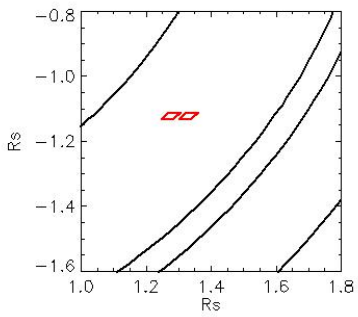



Observation Name:
UVIS_104RI_TDIFS20HP001_CIRS
Observation Date:
2009_057_01_31_32
Observation Duration:
2100 S
Integration time = 100 S
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Phase
Incidence
Emission
Angle (degrees)
Total raw counts


Observation Name:
UVIS_104RI_TDIFS20HP001_CIRS
Observation Date:
2009_057_02_09_32
Observation Duration:
2100 S
Integration time = 100 S
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Phase
Incidence
Emission
Total raw counts


Observation Name:
UVIS_104RI_TDIFS20HP001_CIRS
Observation Date:
2009_057_02_49_32
Observation Duration:
2100 S
Integration time = 100 S
Phase
Incidence
Emission
Rs
S/C-Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts



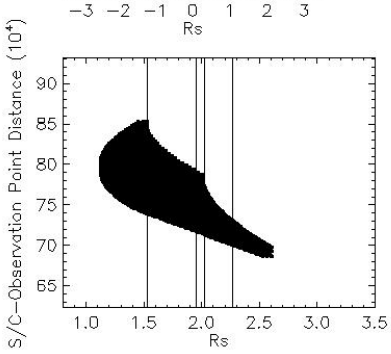


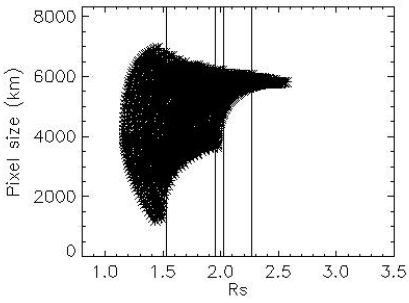
Observation Name:
UVIS_104RI_TDIFS20HP001_CIRS

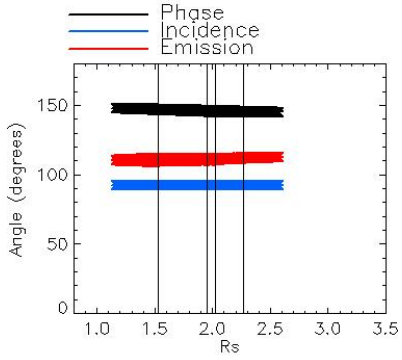
Observation Date:
2009_057_03_31_32

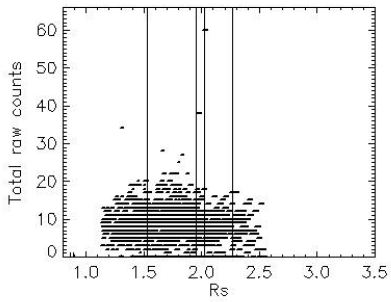
Observation Duration:
2200 S

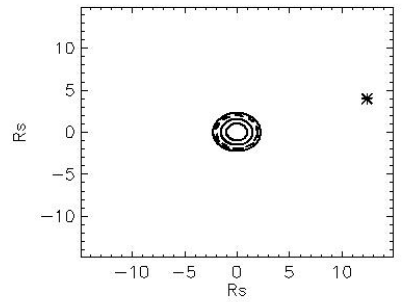
Integration time = 100 S

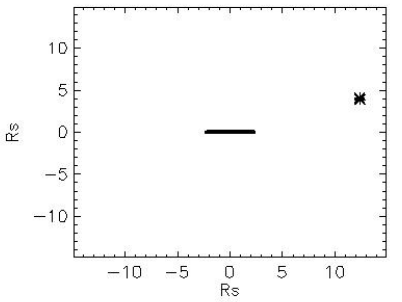


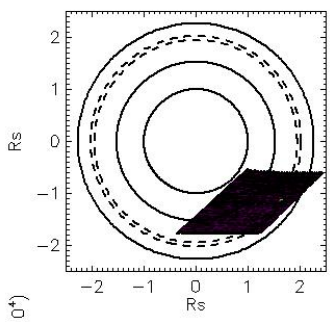


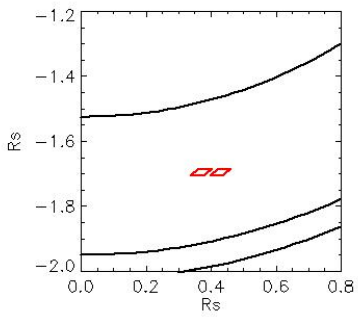










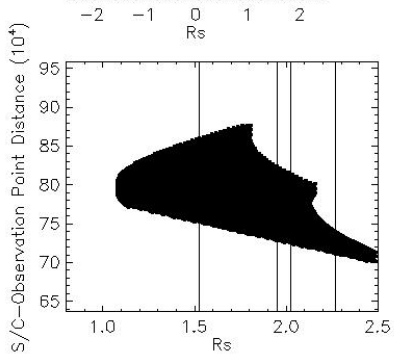


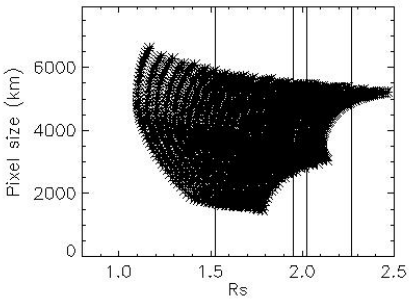
Observation Name:
UVIS_104RI_TDIFS20HP001_CIRS

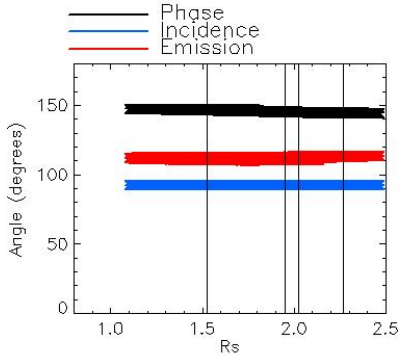
Observation Date:
2009_057_04_12_32

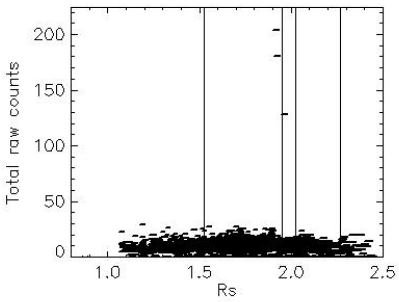
Observation Duration:
2700 S

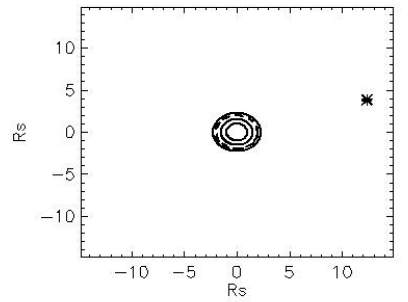
Integration time = 100 S

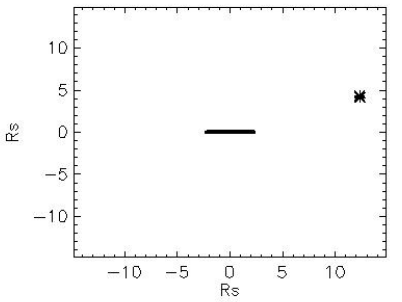


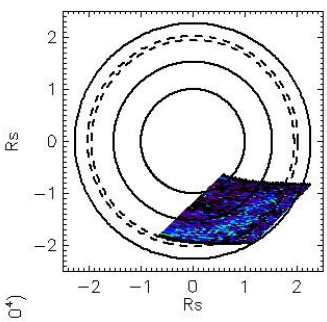


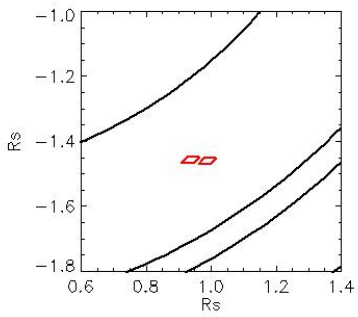










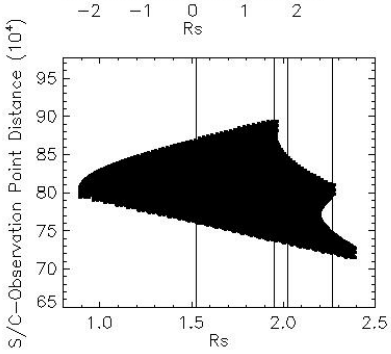


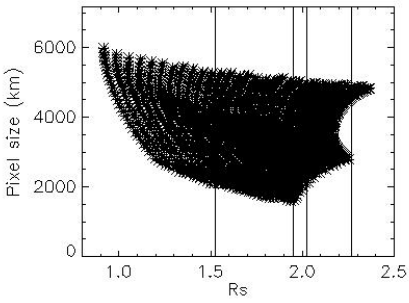
Observation Name:
UVIS_104RI_TDIFS20HP001_CIRS

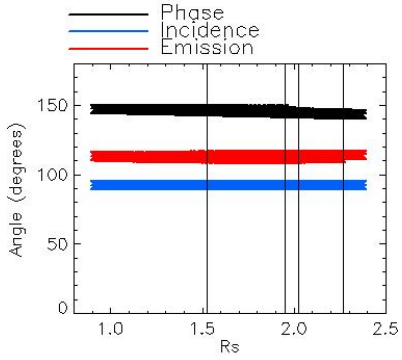
Observation Date:
2009_057_05_01_32

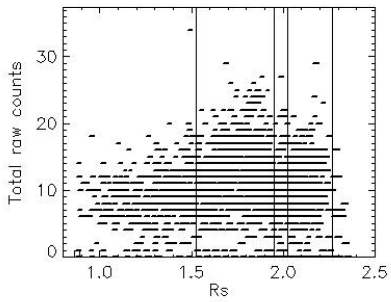
Observation Duration:
3000 S

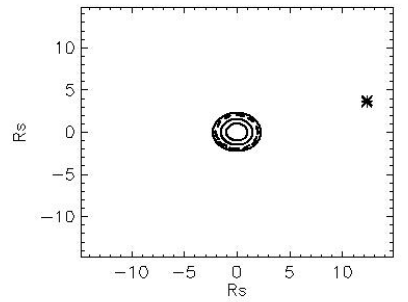
Integration time = 100 S

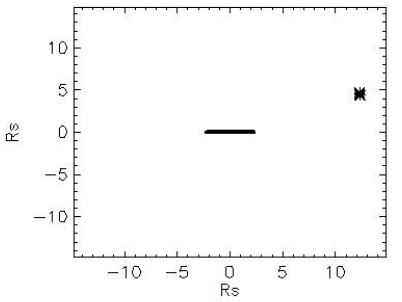


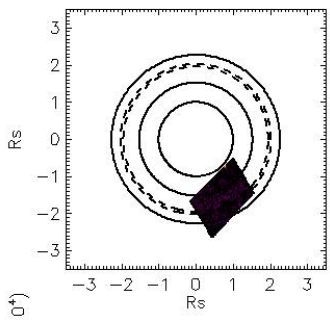


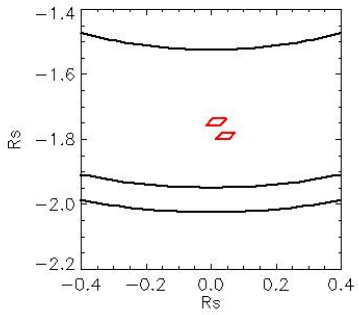










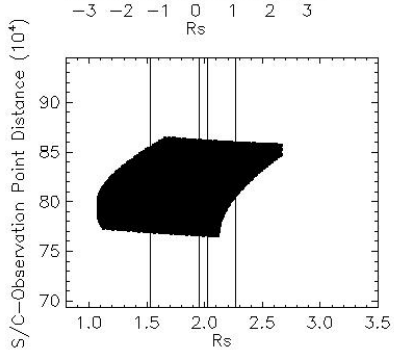


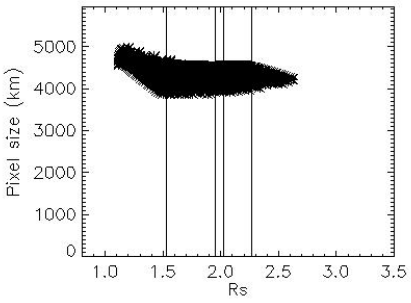
Observation Name:
UVIS_104RI_TDIFS20HP001_CIRS

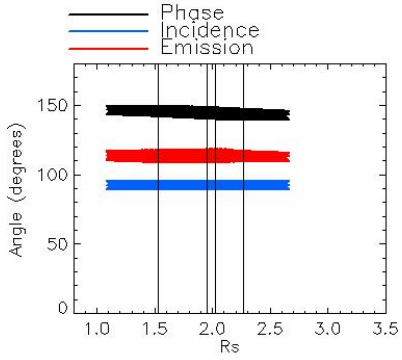
Observation Date:
2009_057_05_54_32

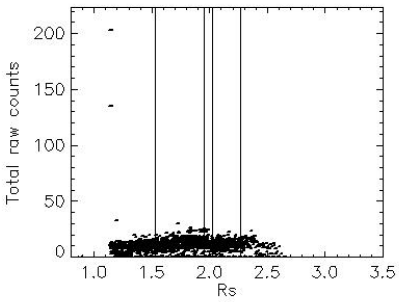
Observation Duration:
2100 S

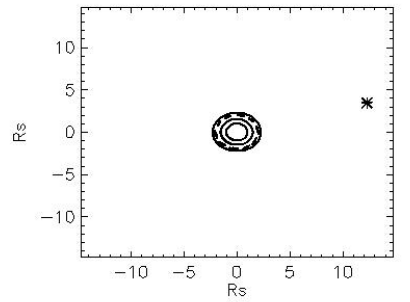
Integration time = 100 S

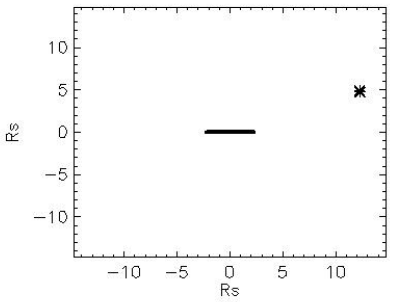


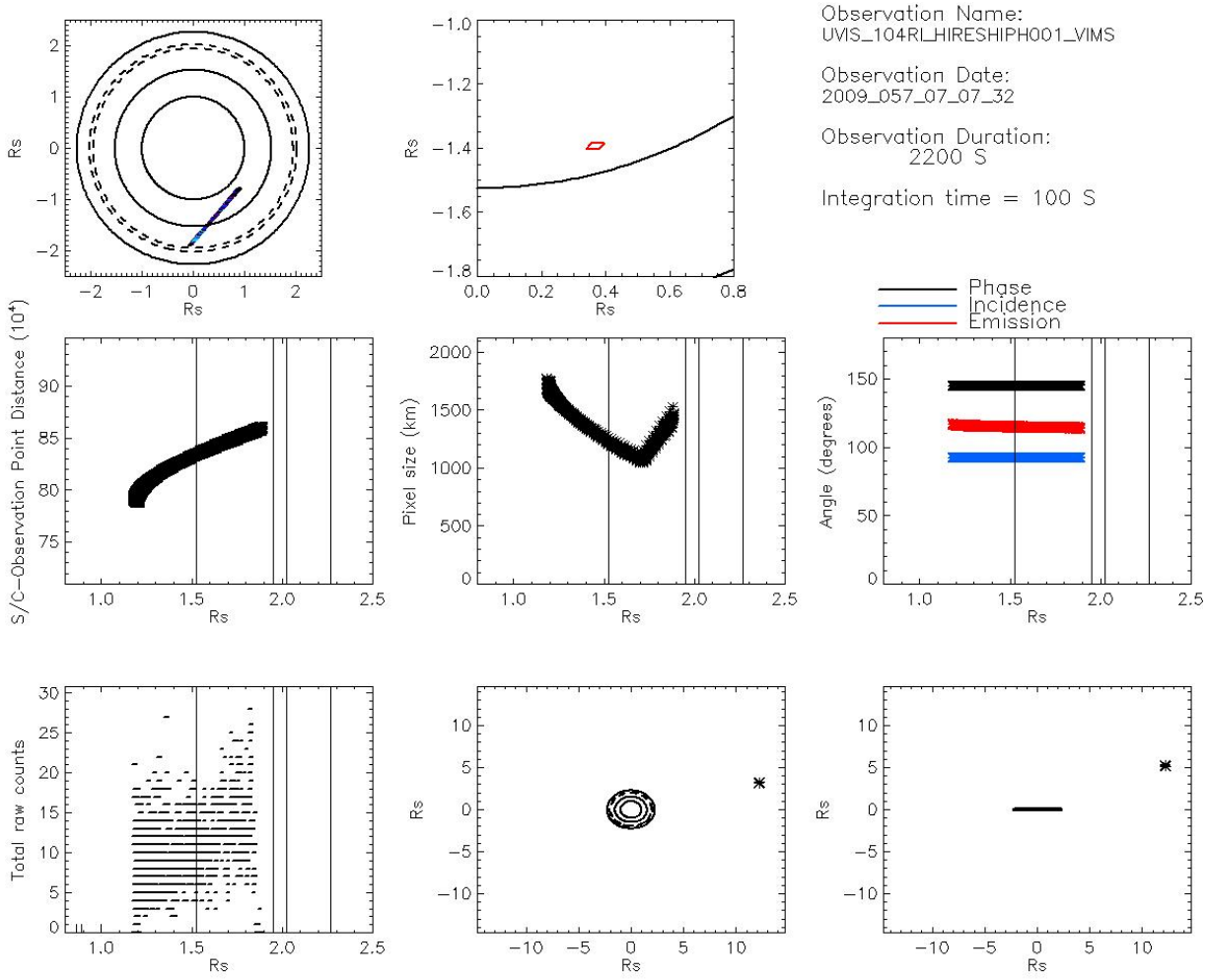


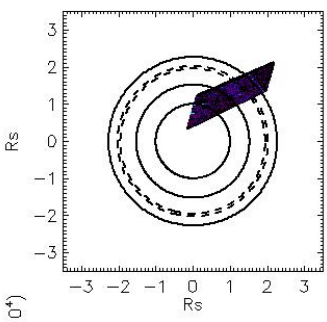


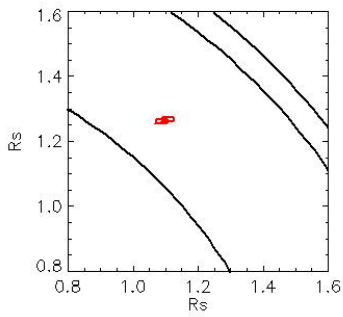







Observation Name:
UVIS_104RI_HIRESHIPH001_VIMS
Observation Date:
2009_057_07_07_32
Observation Duration:
2200 S
Integration time = 100 S
Phase
Incidence
Emission
Rs
S/C-Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts



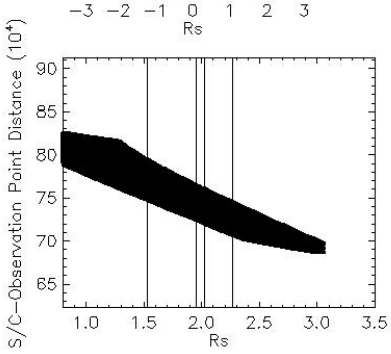


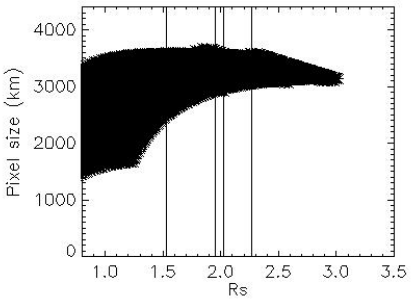
Observation Name:
UVIS_104RI_BETPEGOCC001_VIMS

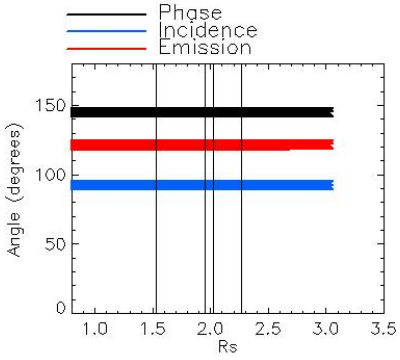
Observation Date:
2009_057_07_58_32

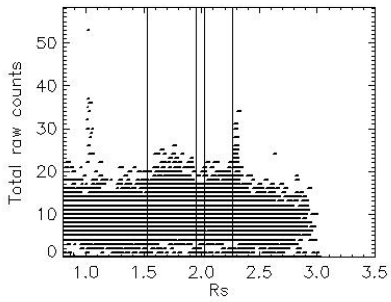
Observation Duration:
10900 S

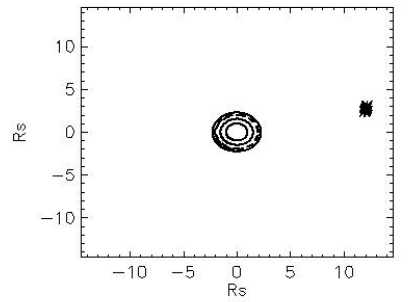
Integration time = 100 S

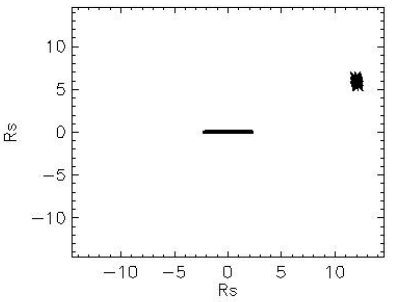


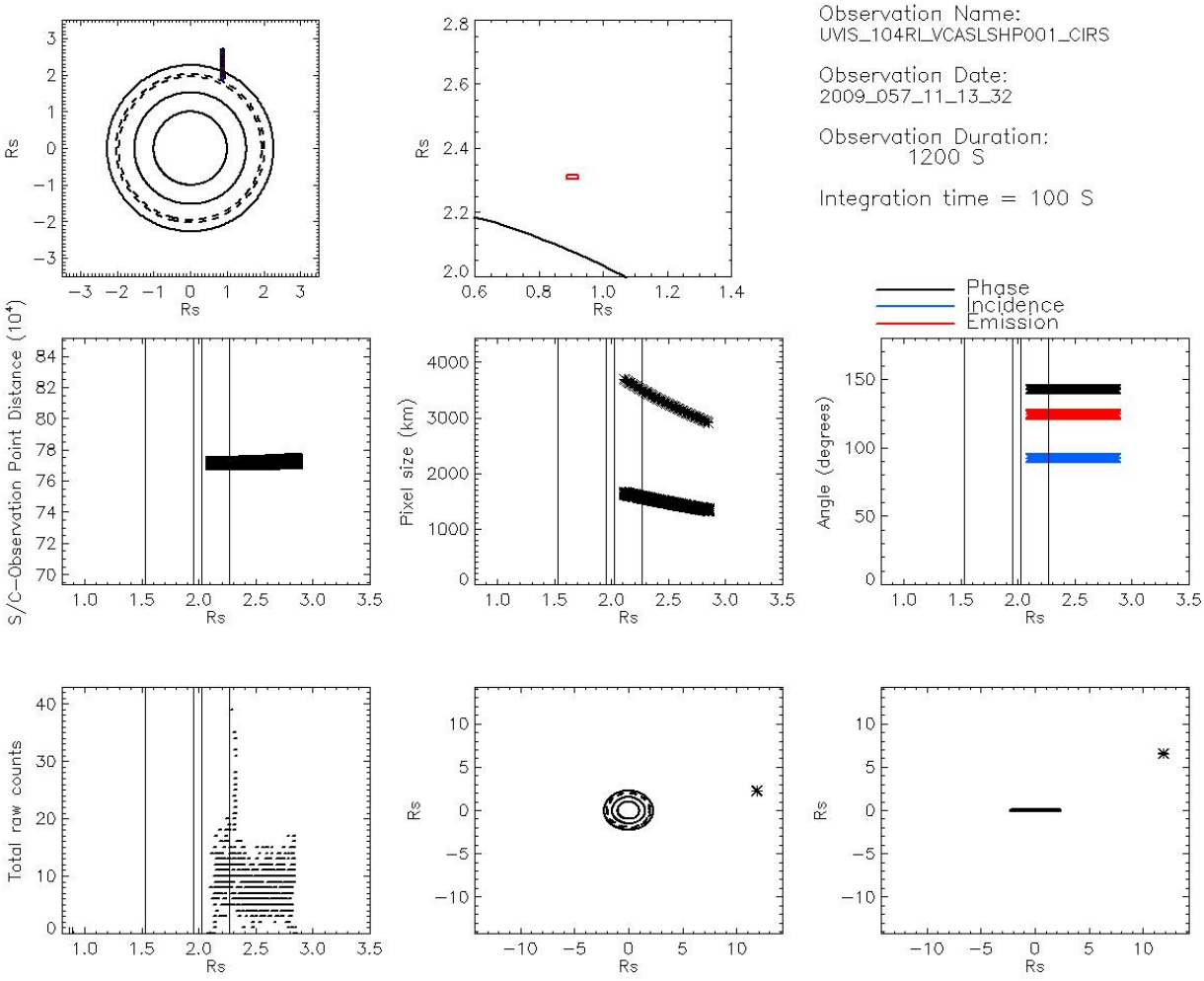


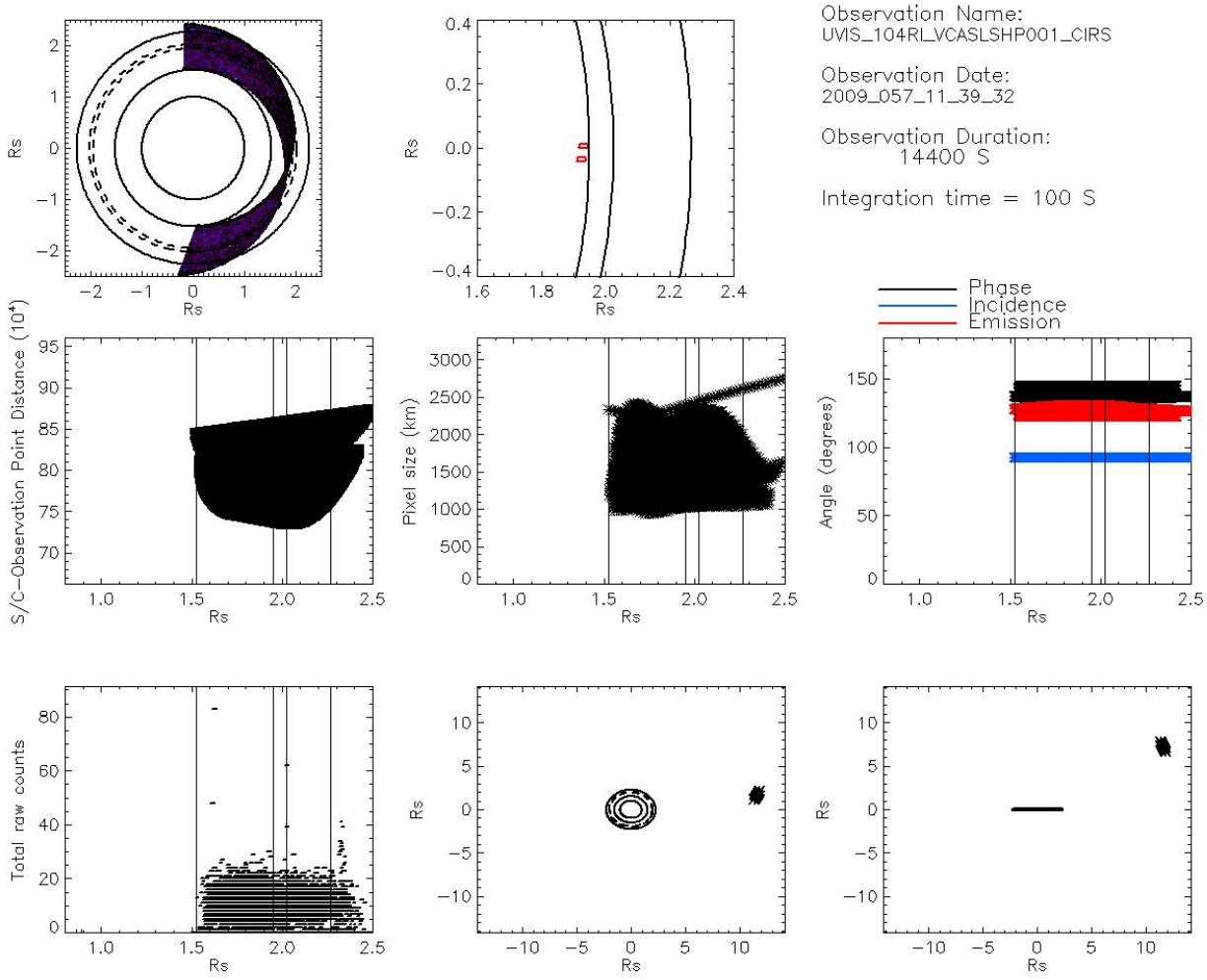


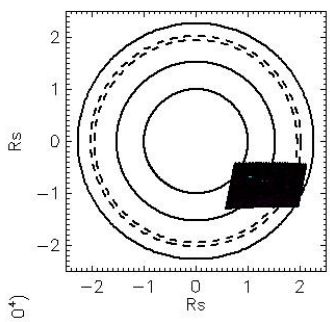


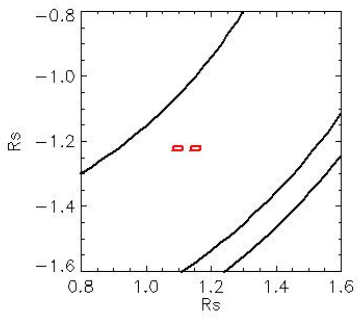





Observation Name:
UVIS_104RI_VCASLSHP001_CIRS
Observation Date:
2009_057_11_13_32
Observation Duration:
1200 S
Integration time = 100 S
Phase
Incidence
Emission
Rs
S/C-Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts


Observation Name:
UVIS_104RI_VCASLSHP001_CIRS
Observation Date:
2009_057_11_39_32
Observation Duration:
14400 S
Integration time = 100 S
Phase
Incidence
Emission
Rs
S/C-Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts



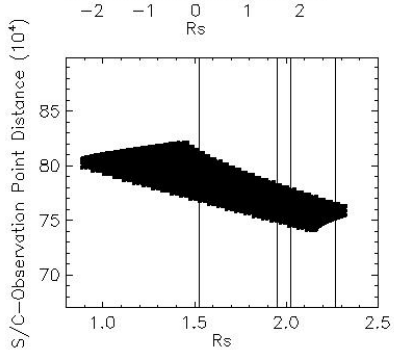


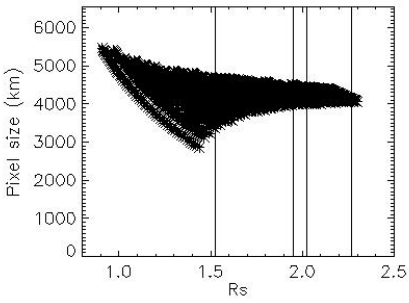
Observation Name:
UVIS_104RI_VCASLSHP001_CIRS

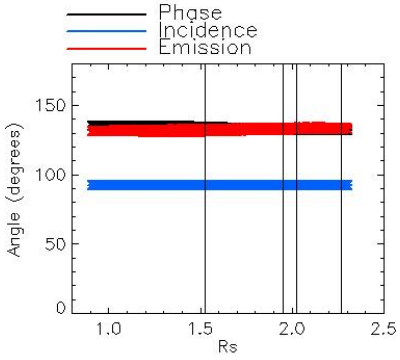
Observation Date:
2009_057_15_45_32

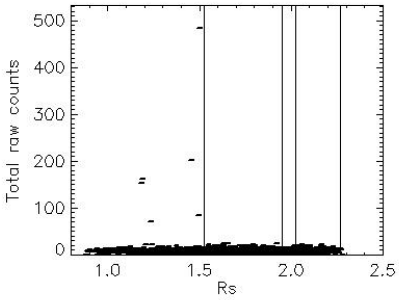
Observation Duration:
2500 S

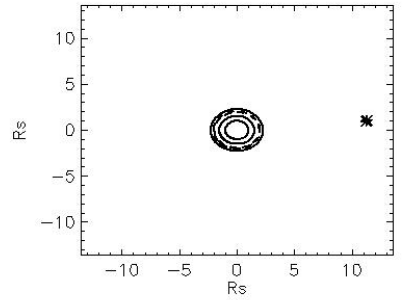
Integration time = 100 S

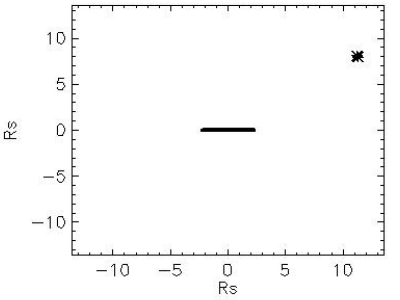


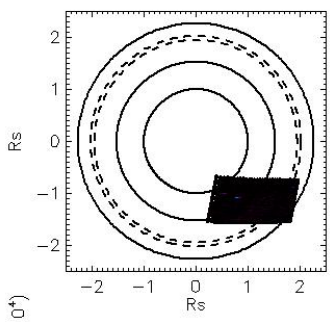


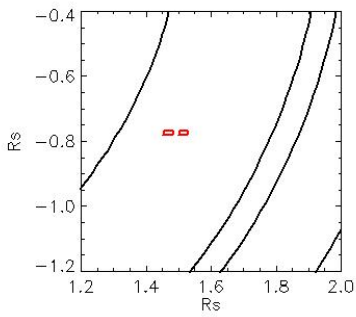










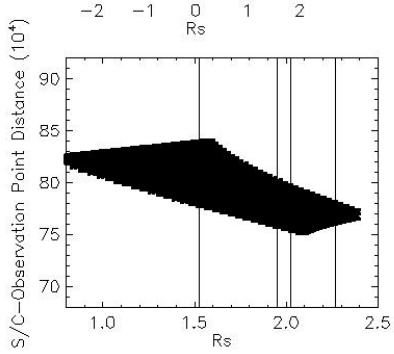


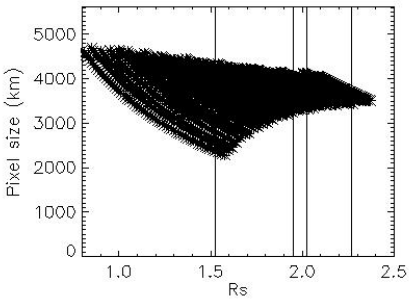
Observation Name:
UVIS_104RI_VCASLSHP001_CIRS

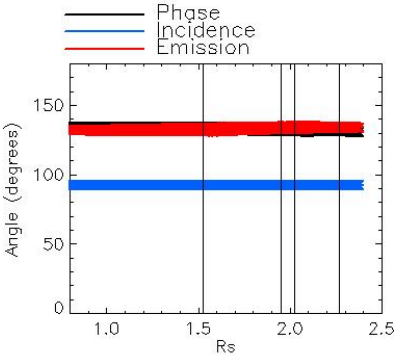
Observation Date:
2009_057_16_33_32

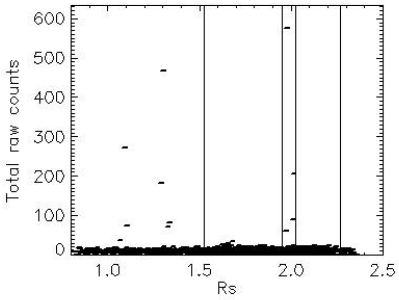
Observation Duration:
3000 S

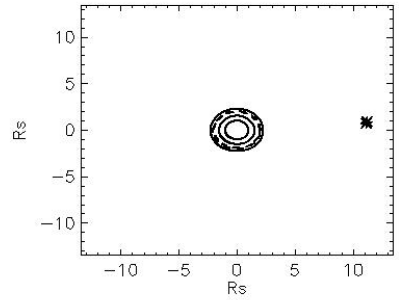
Integration time = 100 S

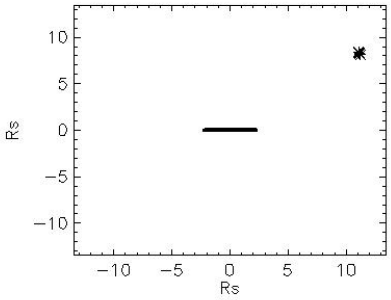


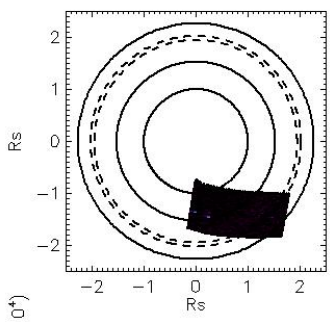


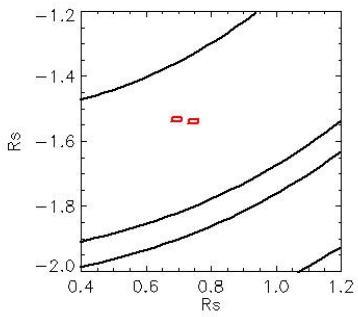










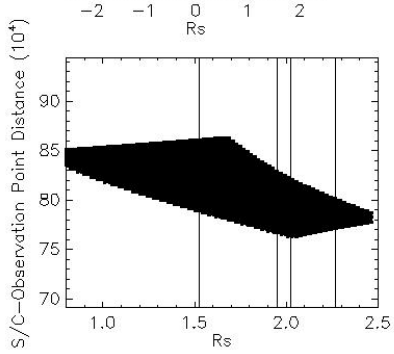


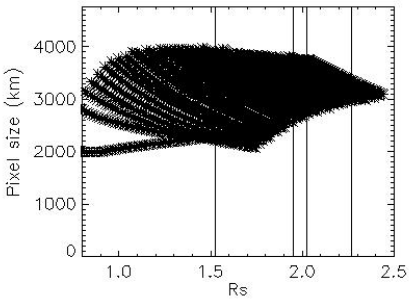
Observation Name:
UVIS_104RI_VCASLSHP001_CIRS

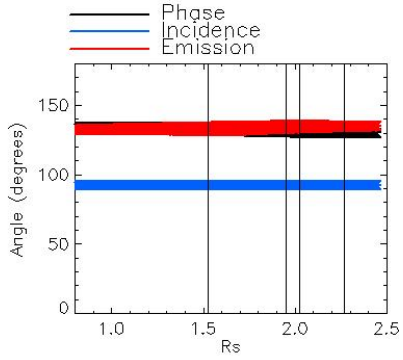
Observation Date:
2009_057_17_29_32

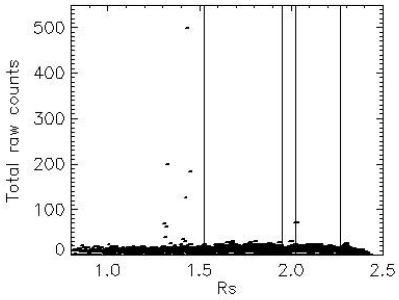
Observation Duration:
3600 S

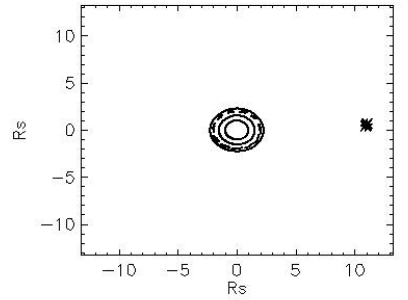
Integration time = 100 S

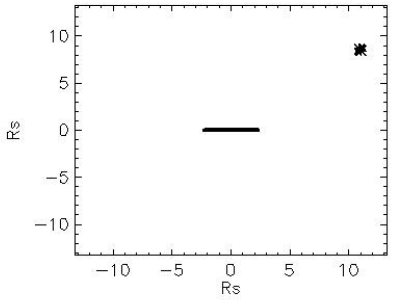


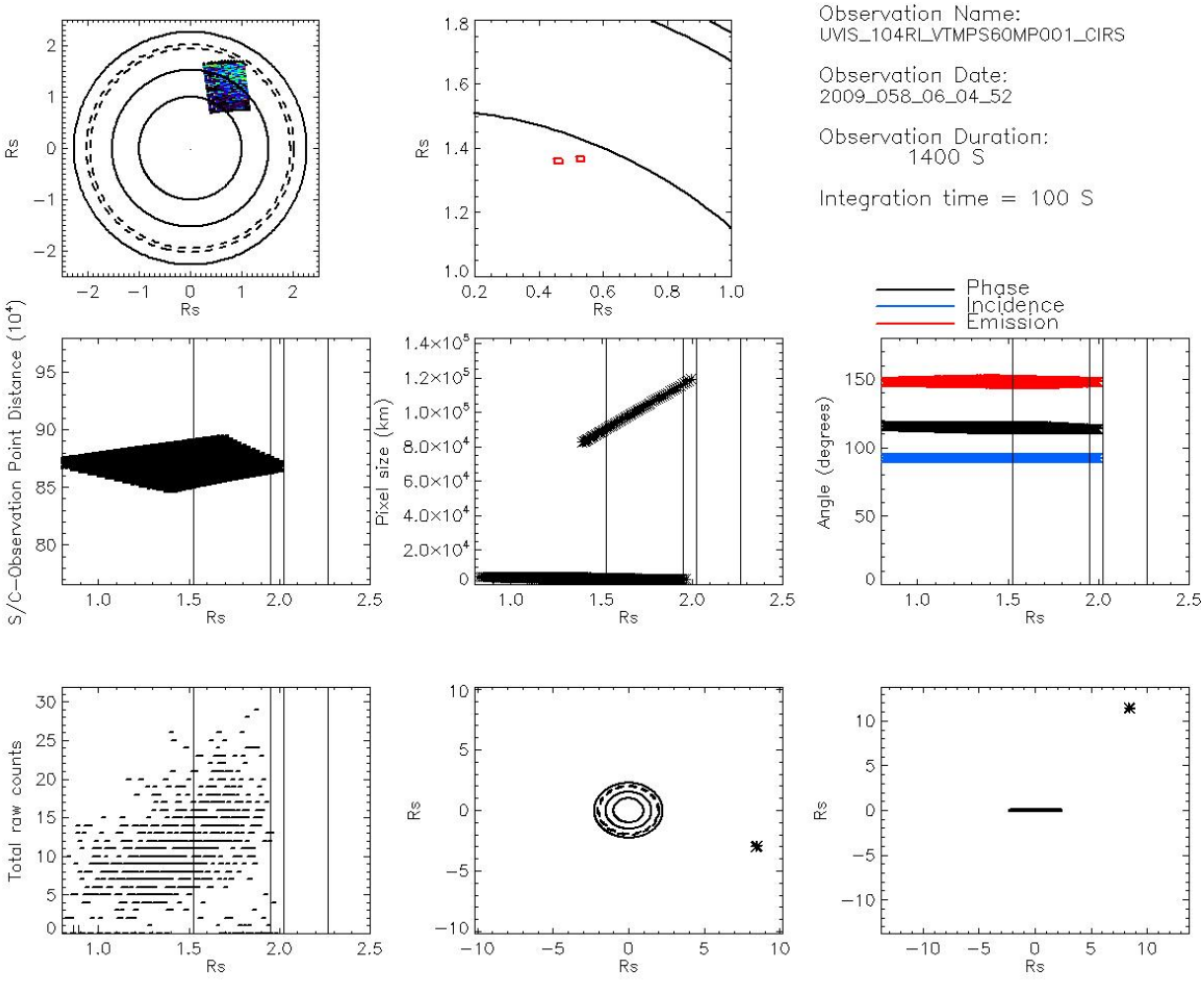


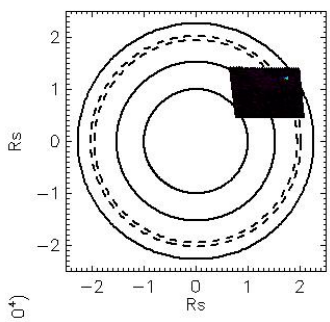


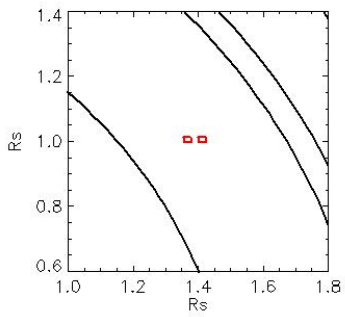







Observation Name:
UVIS_104RI_VTMPS60MP001_CIRS
Observation Date:
2009_058_06_04_52
Observation Duration:
1400 S
Integration time = 100 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts



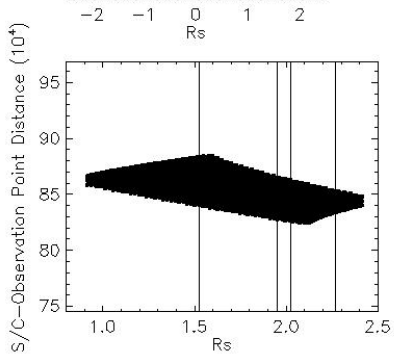


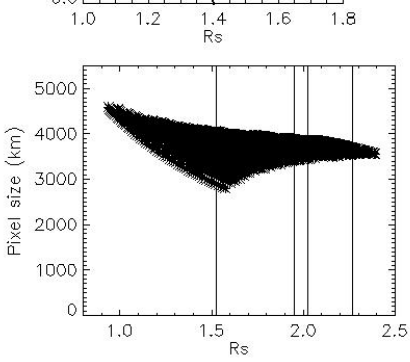
Observation Name:
UVIS_104RI_VTMPS60MP001_CIRS

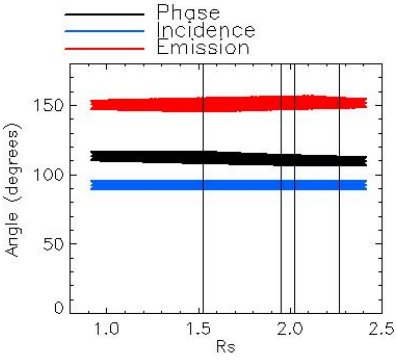
Observation Date:
2009_058_06_35_32

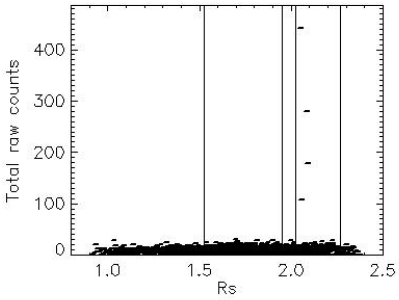
Observation Duration:
2800 S

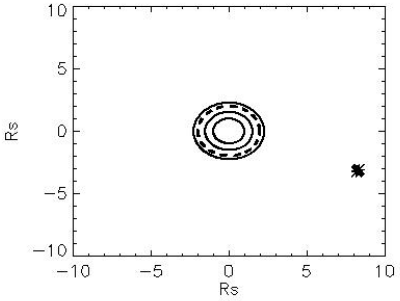
Integration time = 100 S

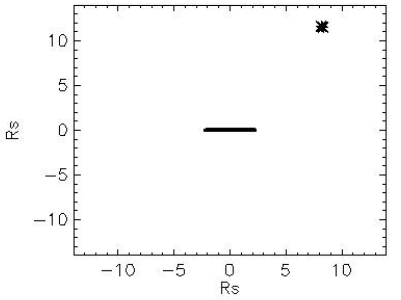


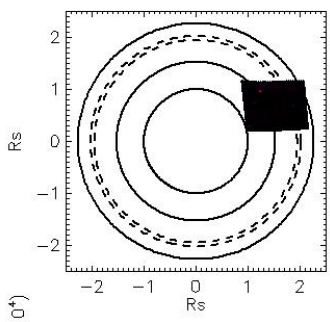


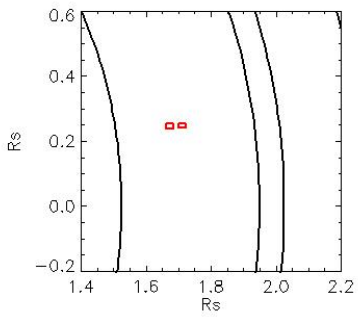










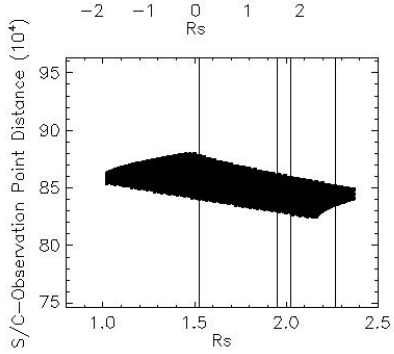


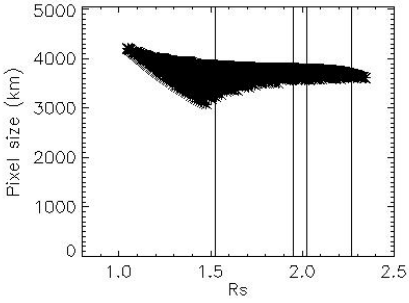
Observation Name:
UVIS_104RI_VTMPS60MP001_CIRS

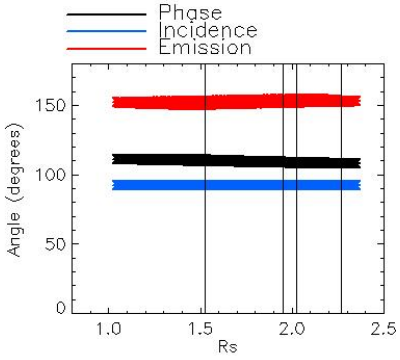
Observation Date:
2009_058_07_29_32

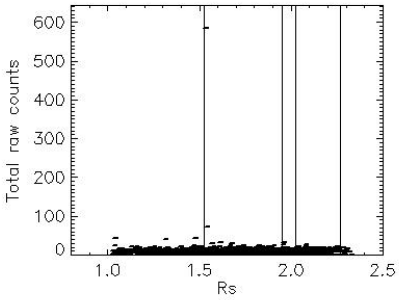
Observation Duration:
2800 S

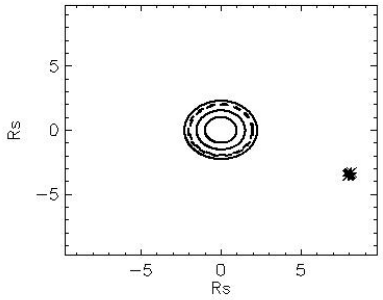
Integration time = 100 S

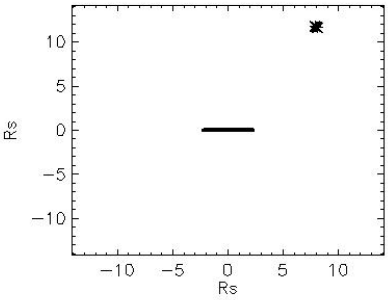


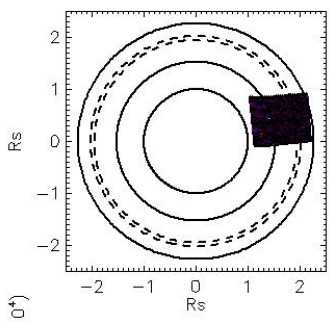


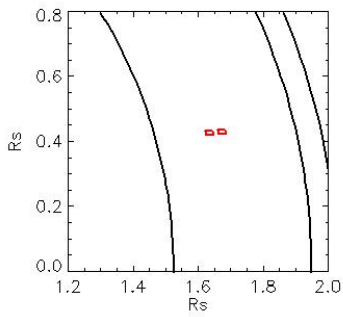










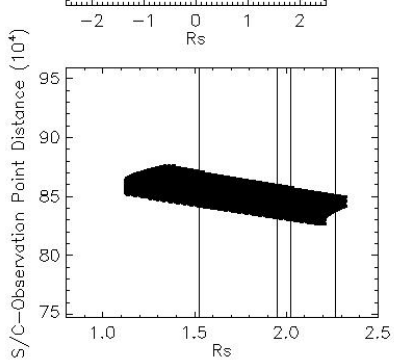


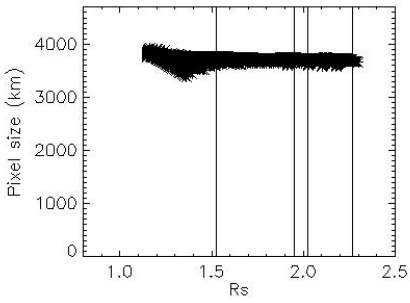
Observation Name:
UVIS_104RI_VTMPS60MP001_CIRS

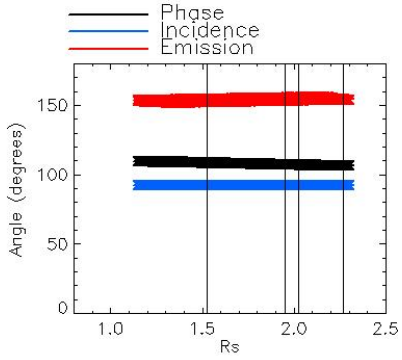
Observation Date:
2009_058_08_22_32

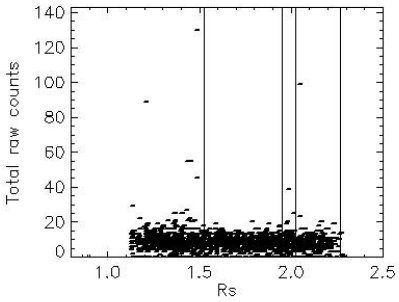
Observation Duration:
2800 S

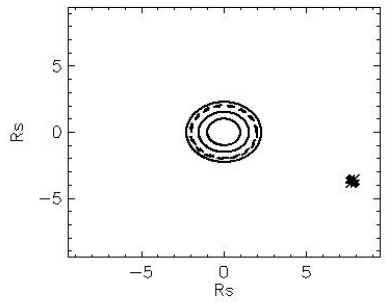
Integration time = 100 S

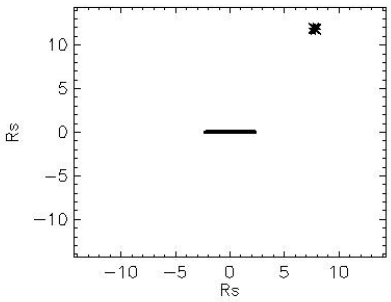


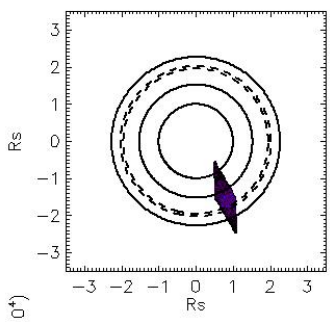


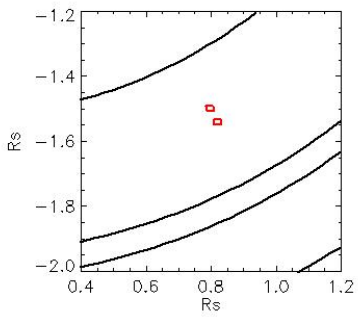










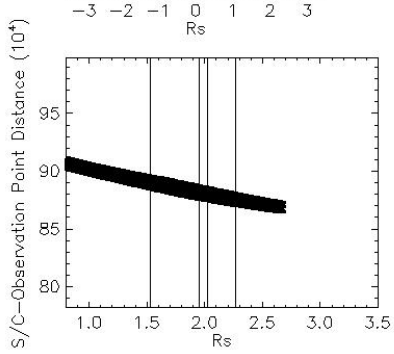


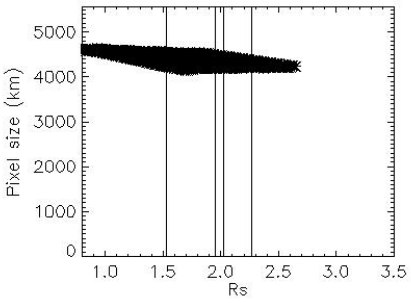
Observation Name:
UVIS_104RI_VTMPS60MP002_CIRS

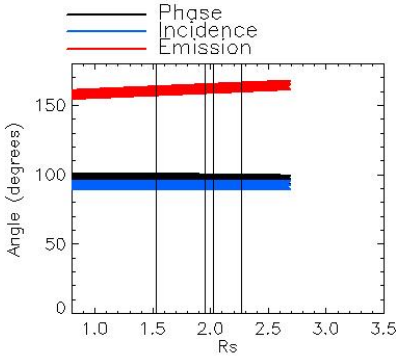
Observation Date:
2009_058_19_01_32

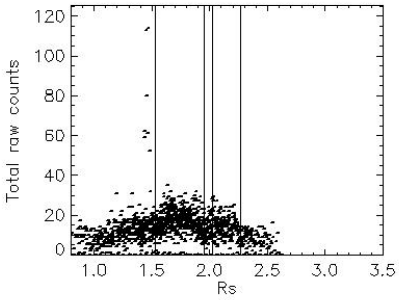
Observation Duration:
2200 S

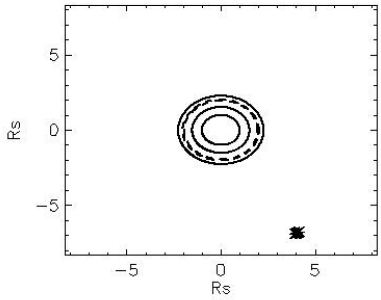
Integration time = 100 S

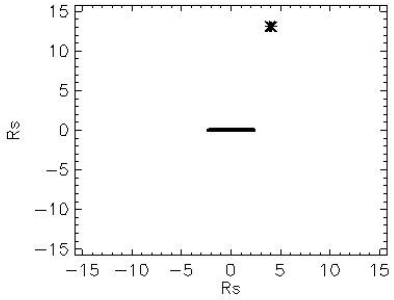


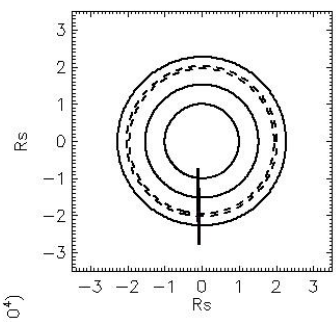


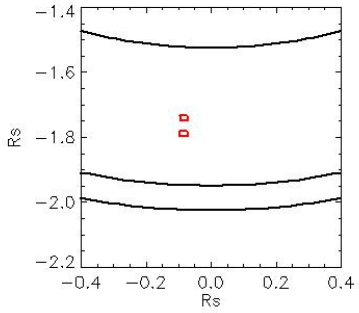










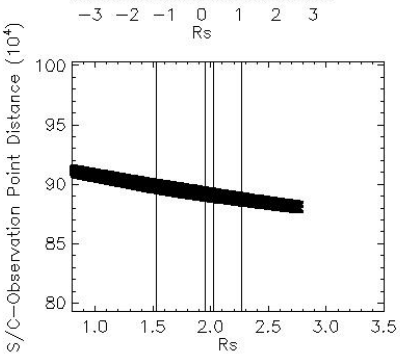


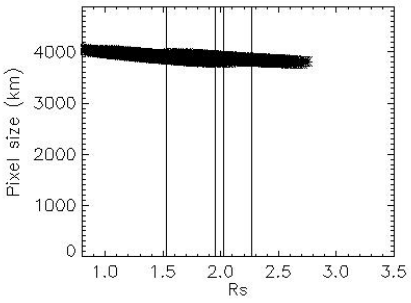
Observation Name:
UVIS_104RI_VTMPS60MP002_CIRS

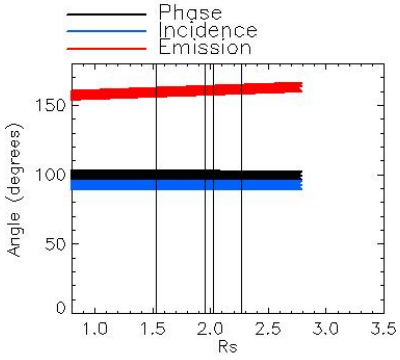
Observation Date:
2009_058_19_45_32

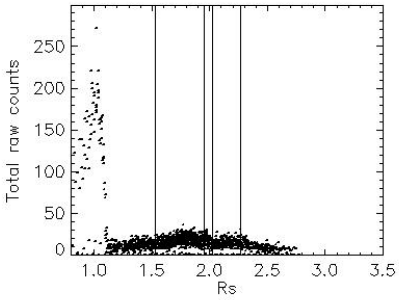
Observation Duration:
2200 S

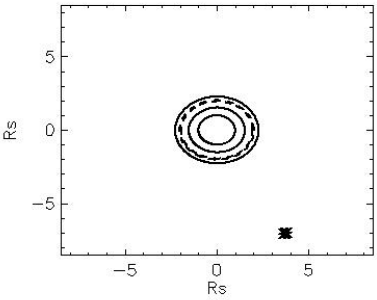
Integration time = 100 S

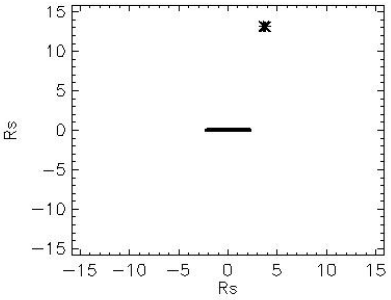


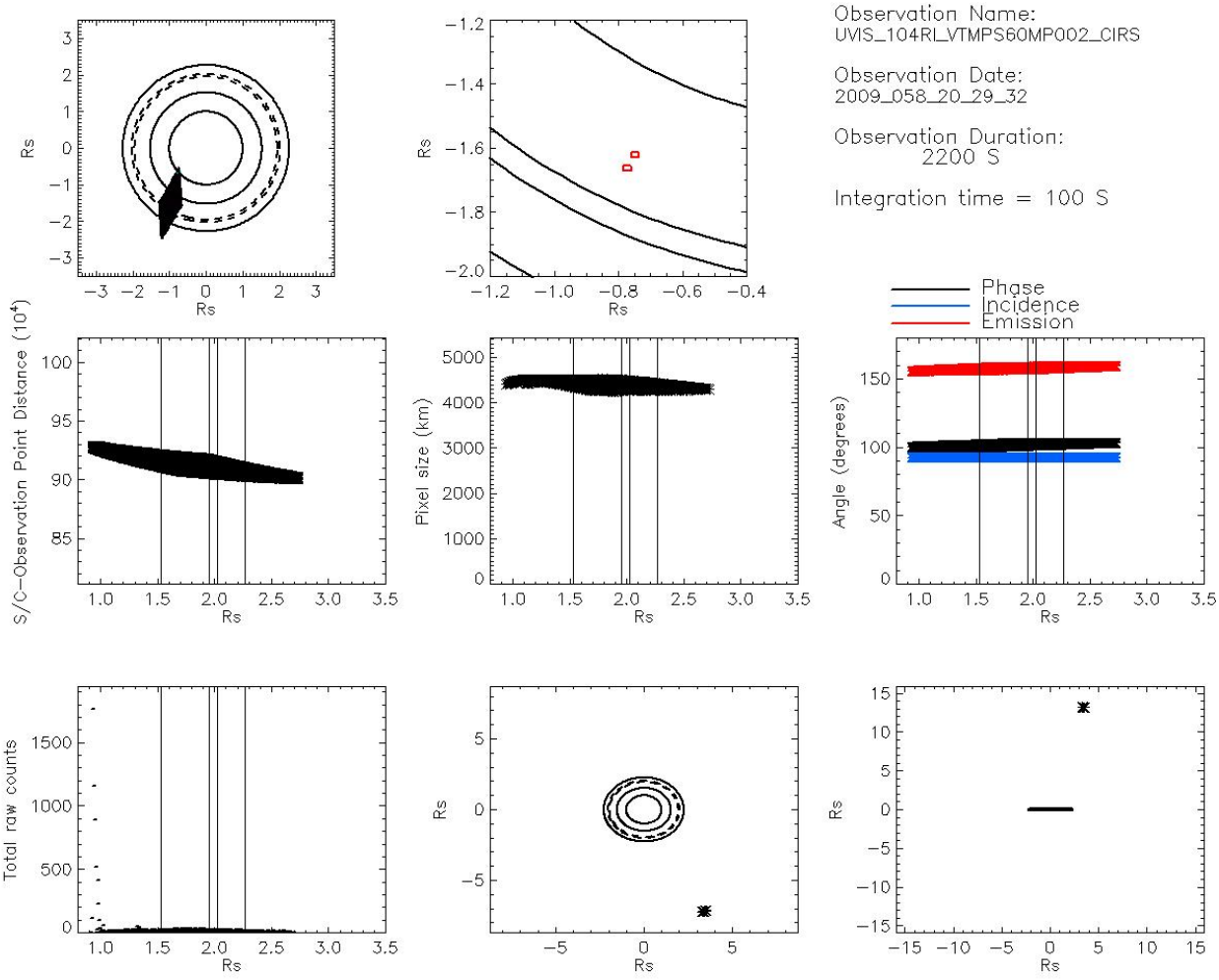


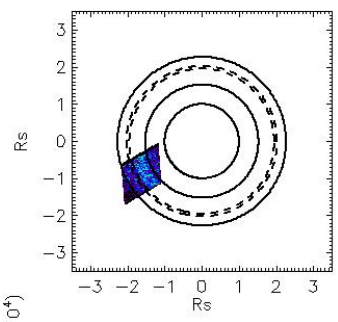


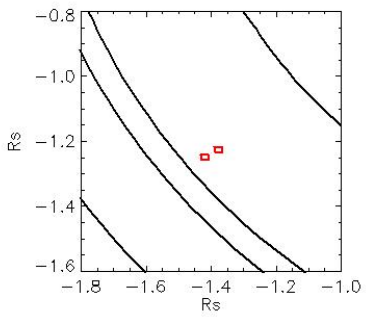







Observation Name:
UVIS_104RI_VTMPS60MP002_CIRS
Observation Date:
2009_058_20_29_32
Observation Duration:
2200 S
Integration time = 100 S
Phase
Incidence
Emission
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts
Rs



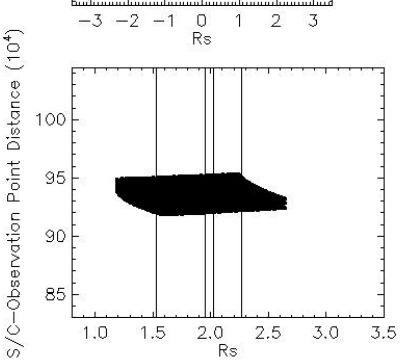


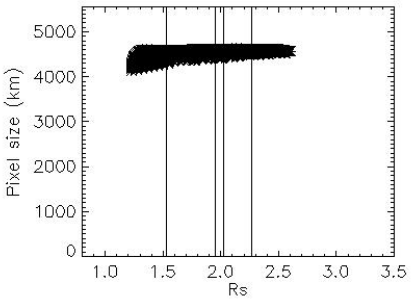
Observation Name:
UVIS_104RI_VTMPS60MP002_CIRS

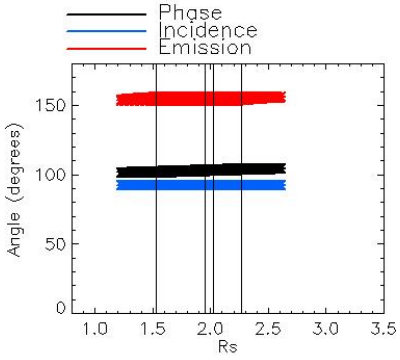
Observation Date:
2009_058_21_13_32

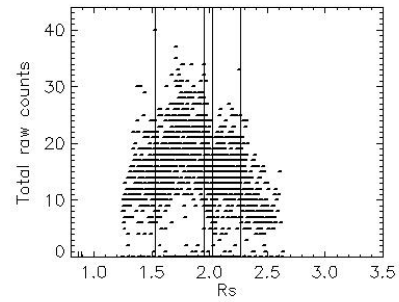
Observation Duration:
2200 S

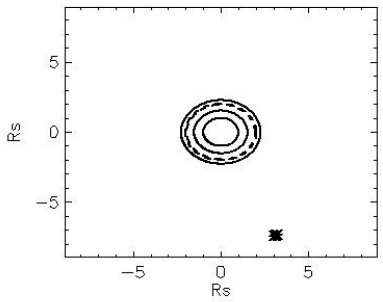
Integration time = 100 S

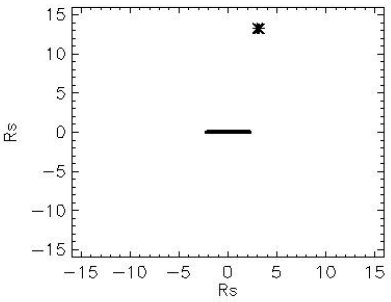


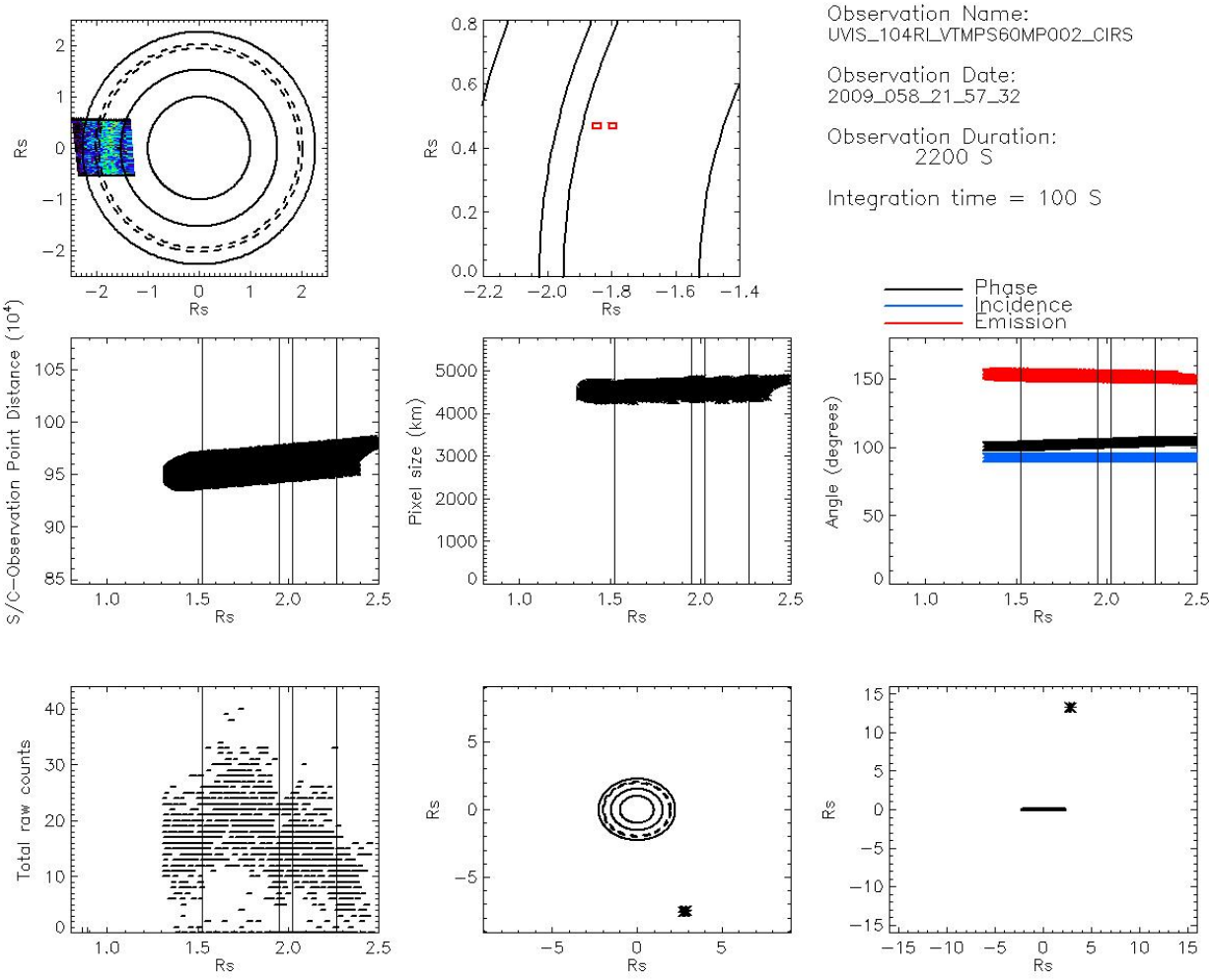


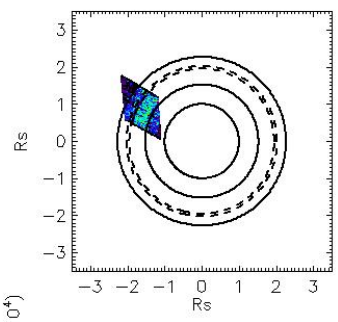


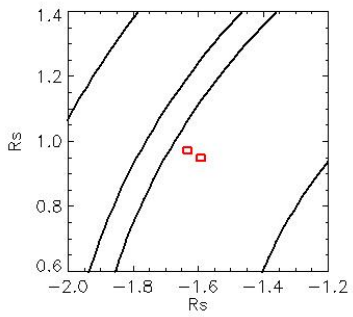







Observation Name:
UVIS_104RI_VTMPS60MP002_CIRS
Observation Date:
2009_058_21_57_32
Observation Duration:
2200 S
Integration time = 100 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts



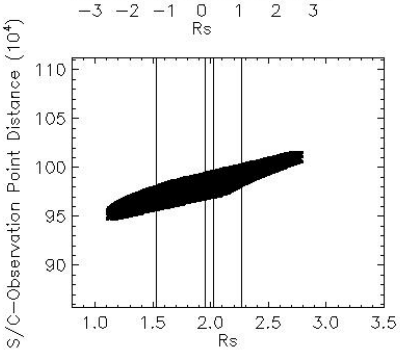


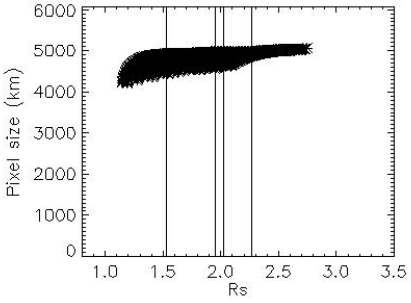
Observation Name:
UVIS_104RI_VTMPS60MP002_CIRS

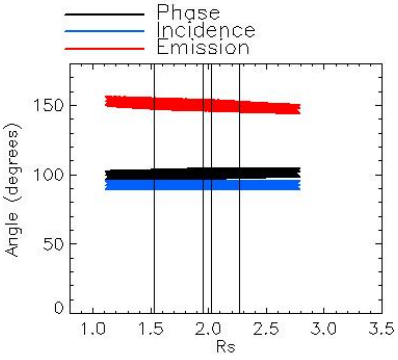
Observation Date:
2009_058_22_41_32

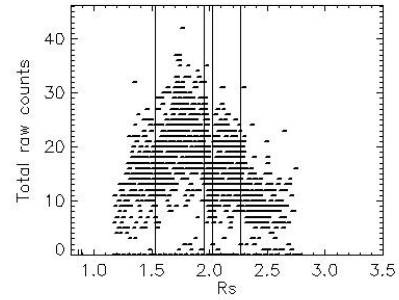
Observation Duration:
2200 S

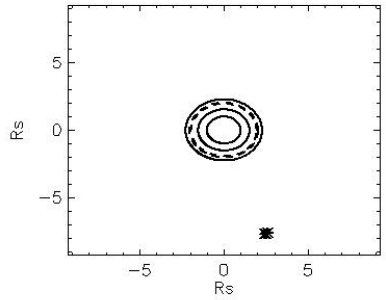
Integration time = 100 S

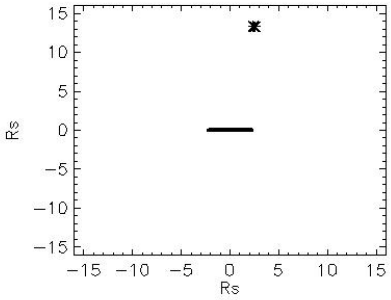


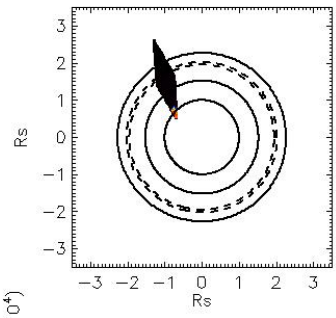


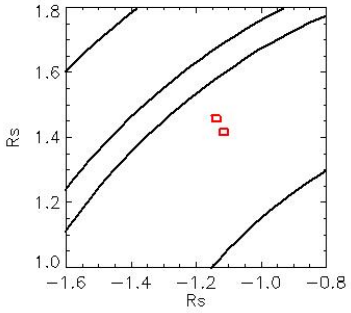










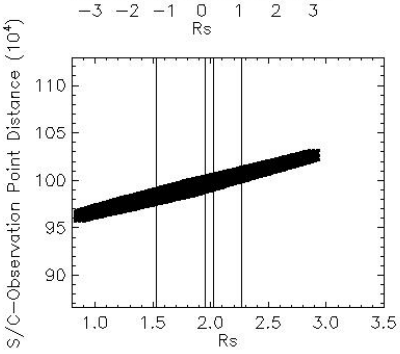


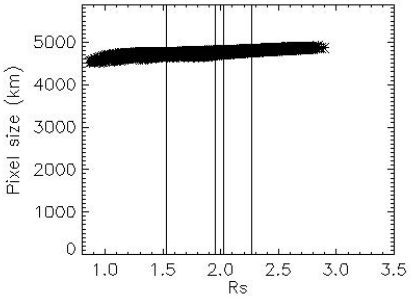
Observation Name:
UVIS_104RI_VTMPS60MP002_CIRS

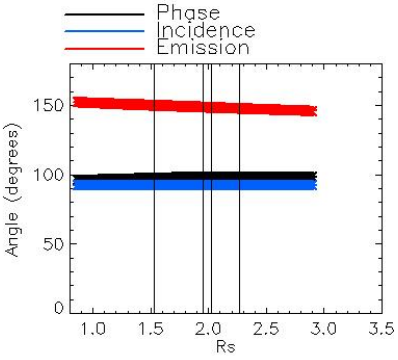
Observation Date:
2009_058_23_25_32

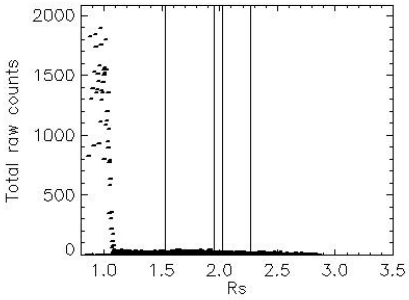
Observation Duration:
2200 S

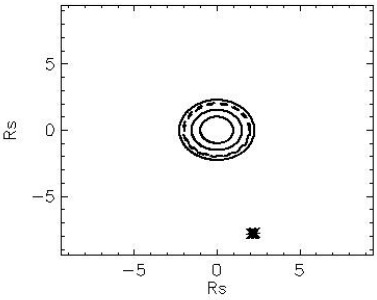
Integration time = 100 S

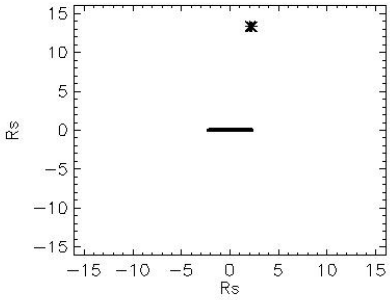


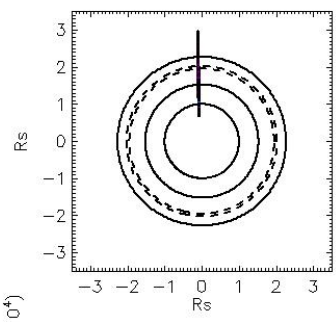


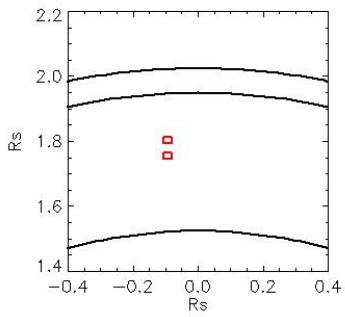










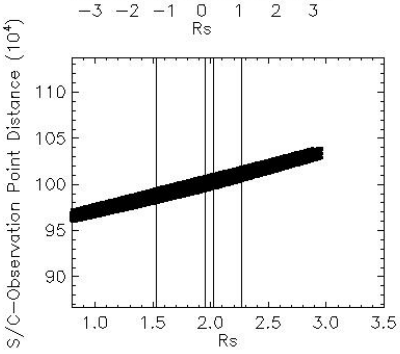


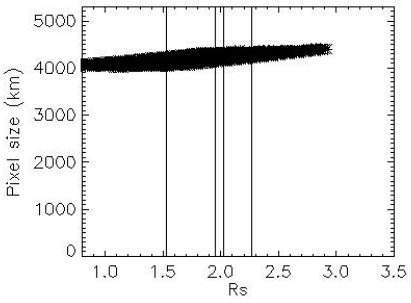
Observation Name:
UVIS_104RI_VTMPS60MP002_CIRS

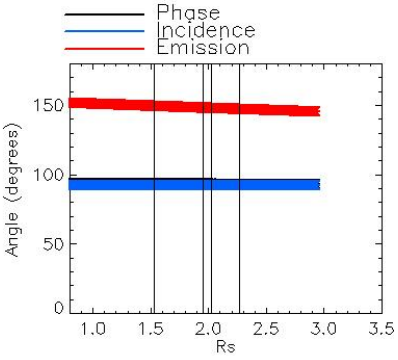
Observation Date:
2009_059_00_09_32

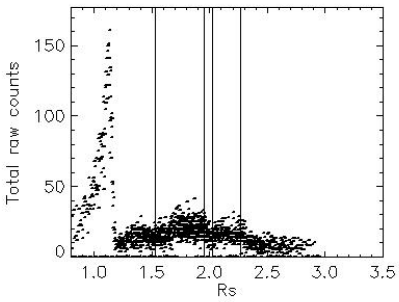
Observation Duration:
2200 S

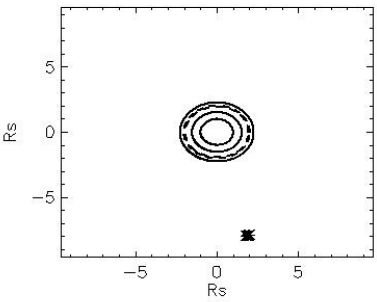
Integration time = 100 S

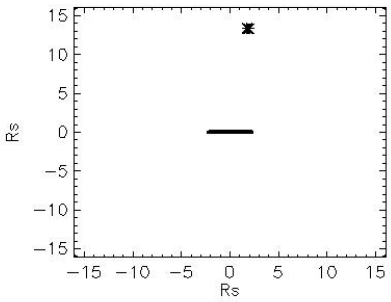


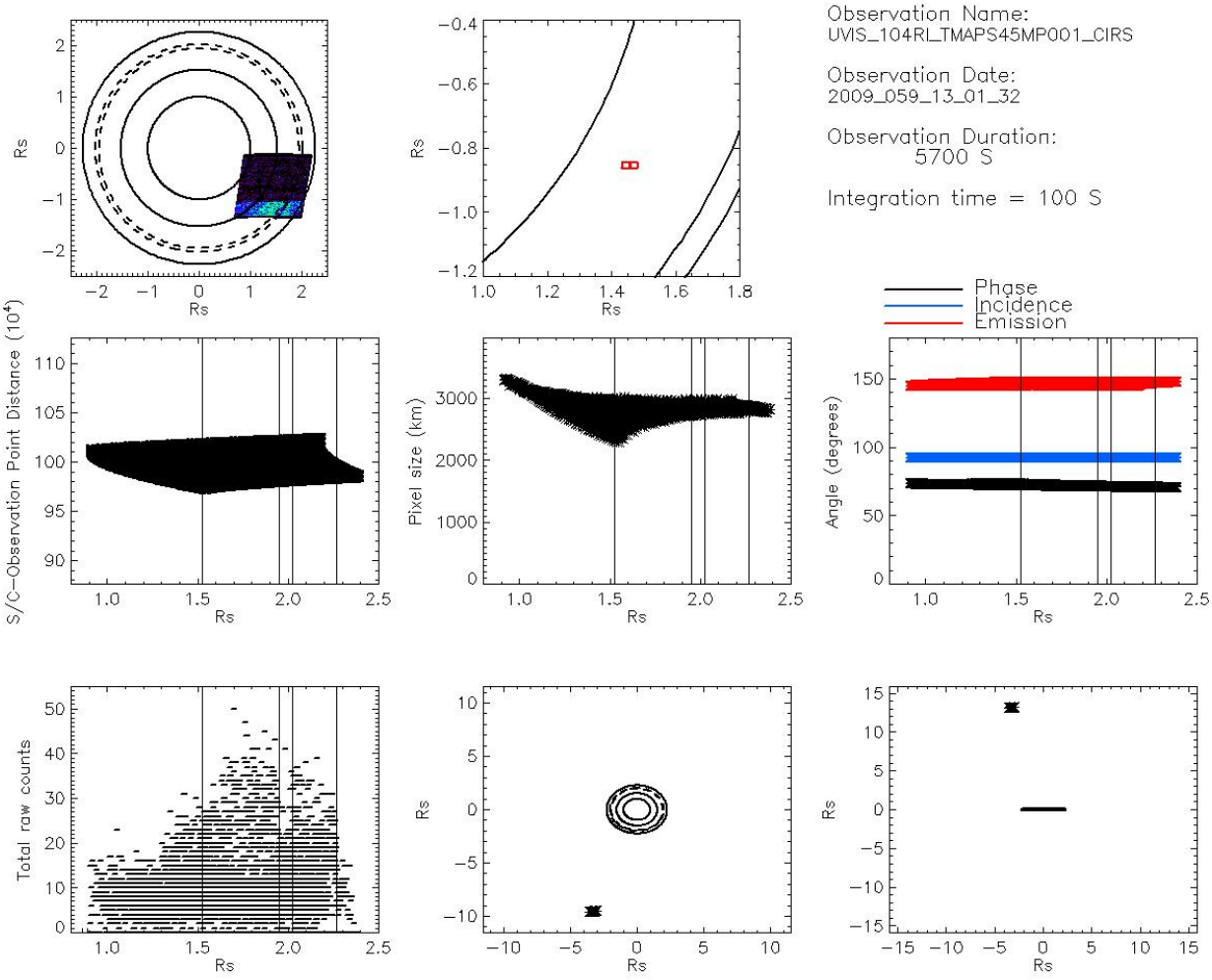


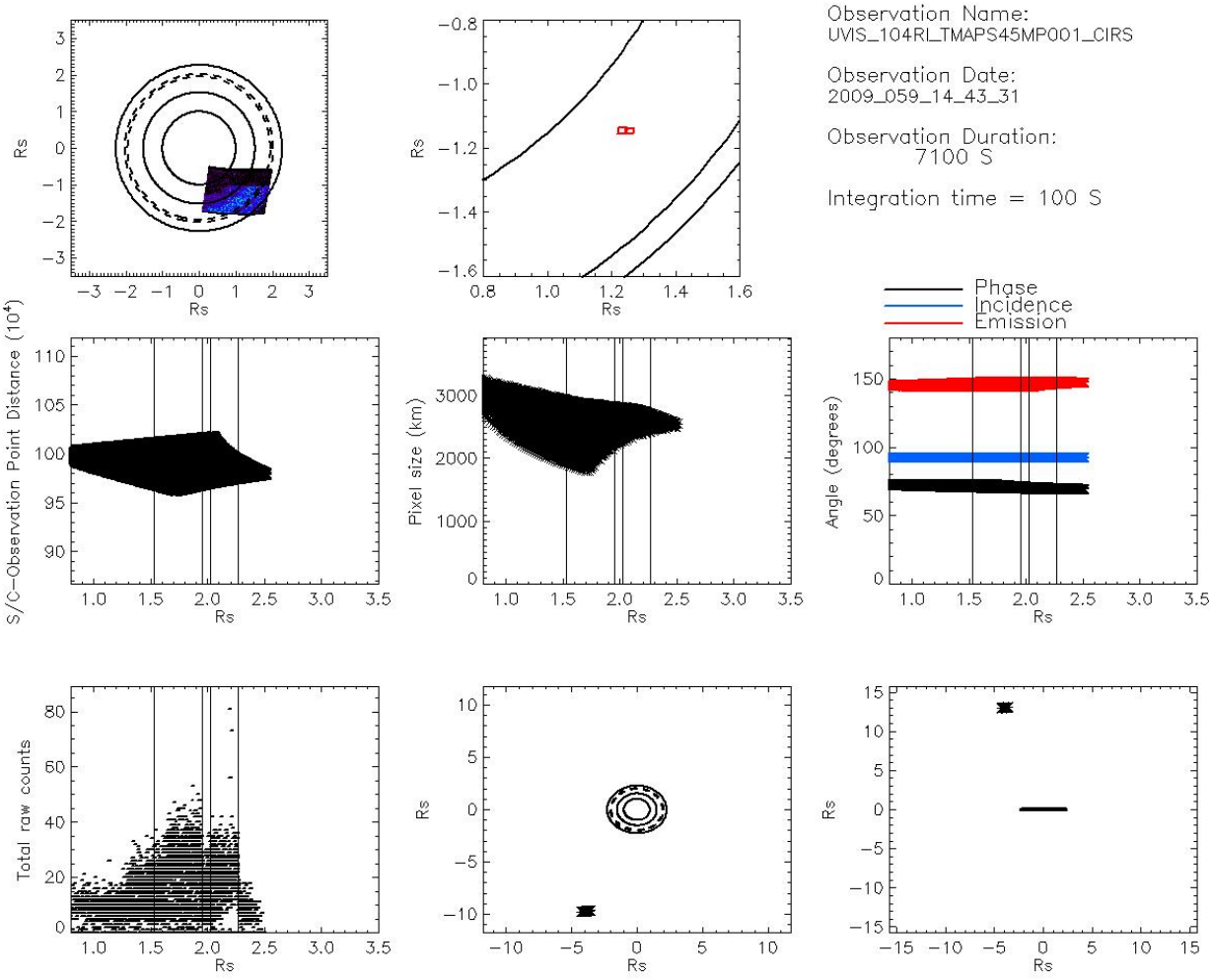


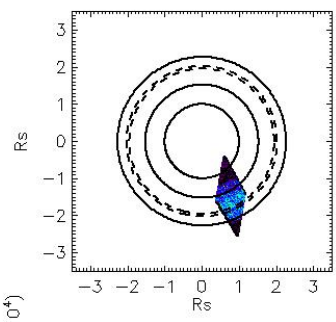


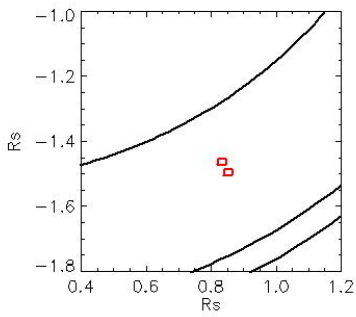





Observation Name:
UVIS_104RI_TMAPS45MP001_CIRS
Observation Date:
2009_059_13_01_32
Observation Duration:
5700 S
Integration time = 100 S
Phase
Incidence
Emission
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts
Rs


Observation Name:
UVIS_104RI_TMAPS45MP001_CIRS
Observation Date:
2009_059_14_43_31
Observation Duration:
7100 S
Integration time = 100 S
Phase
Incidence
Emission
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts
Rs



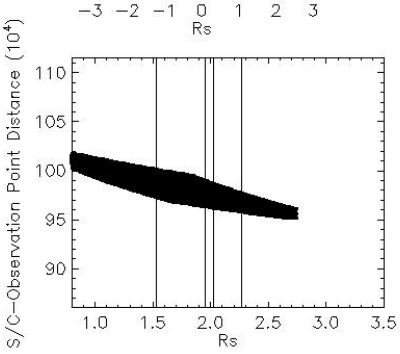


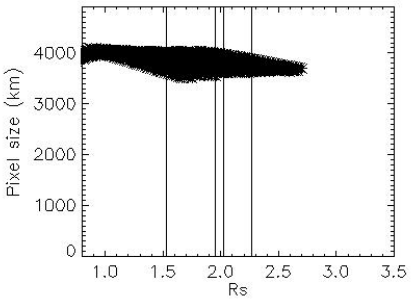
Observation Name:
UVIS_104RI_TMAPS45MP001_CIRS

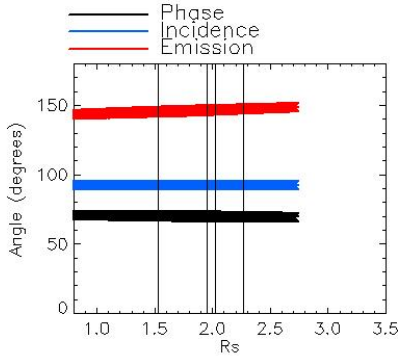
Observation Date:
2009_059_16_48_31

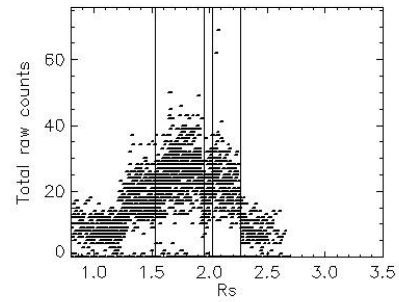
Observation Duration:
3000 S

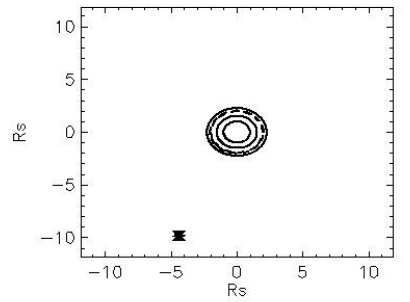
Integration time = 100 S

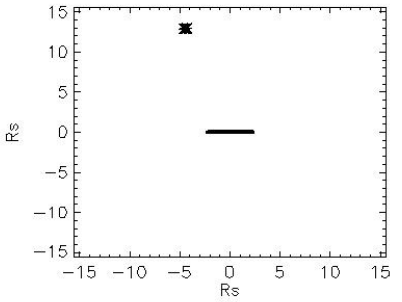


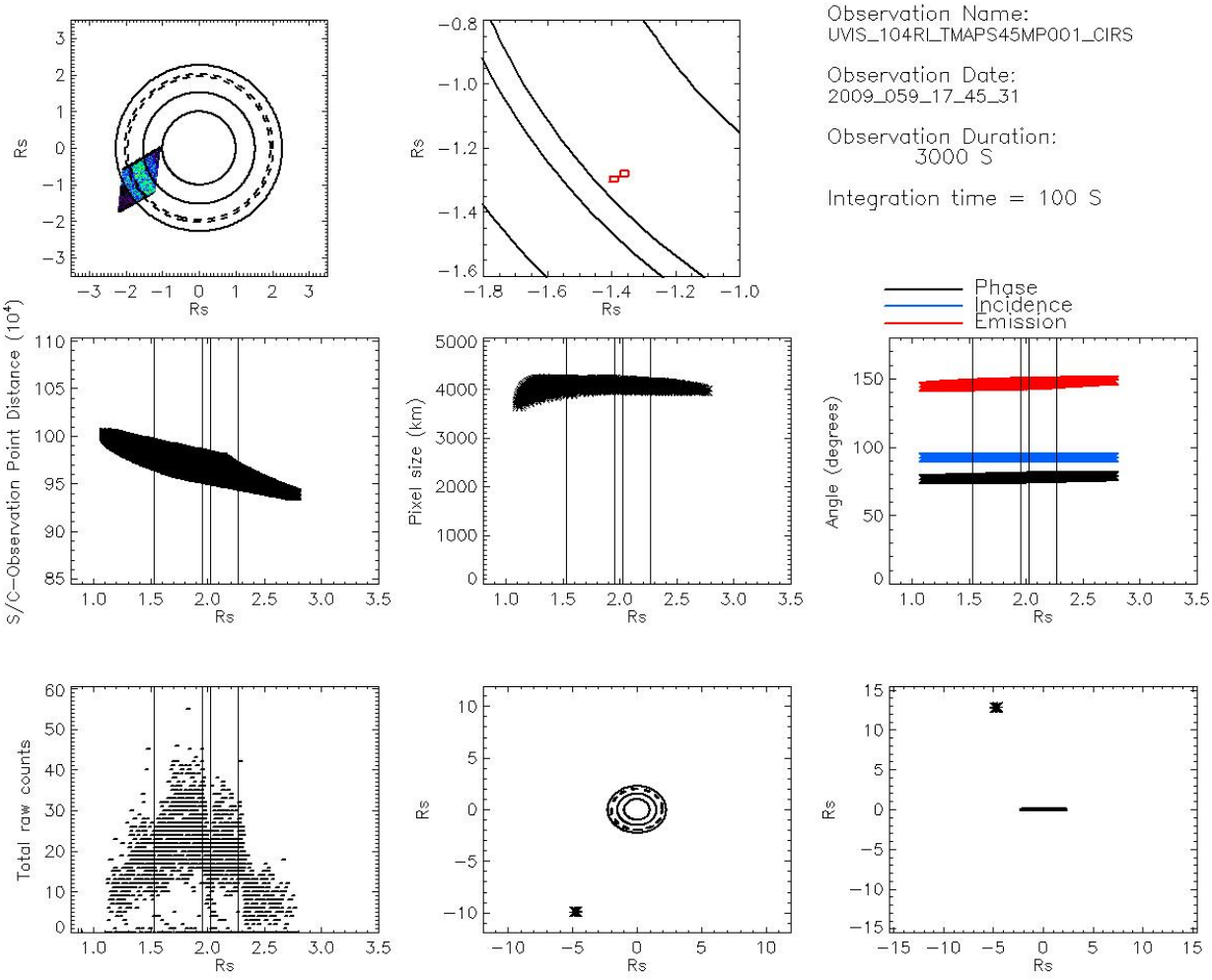


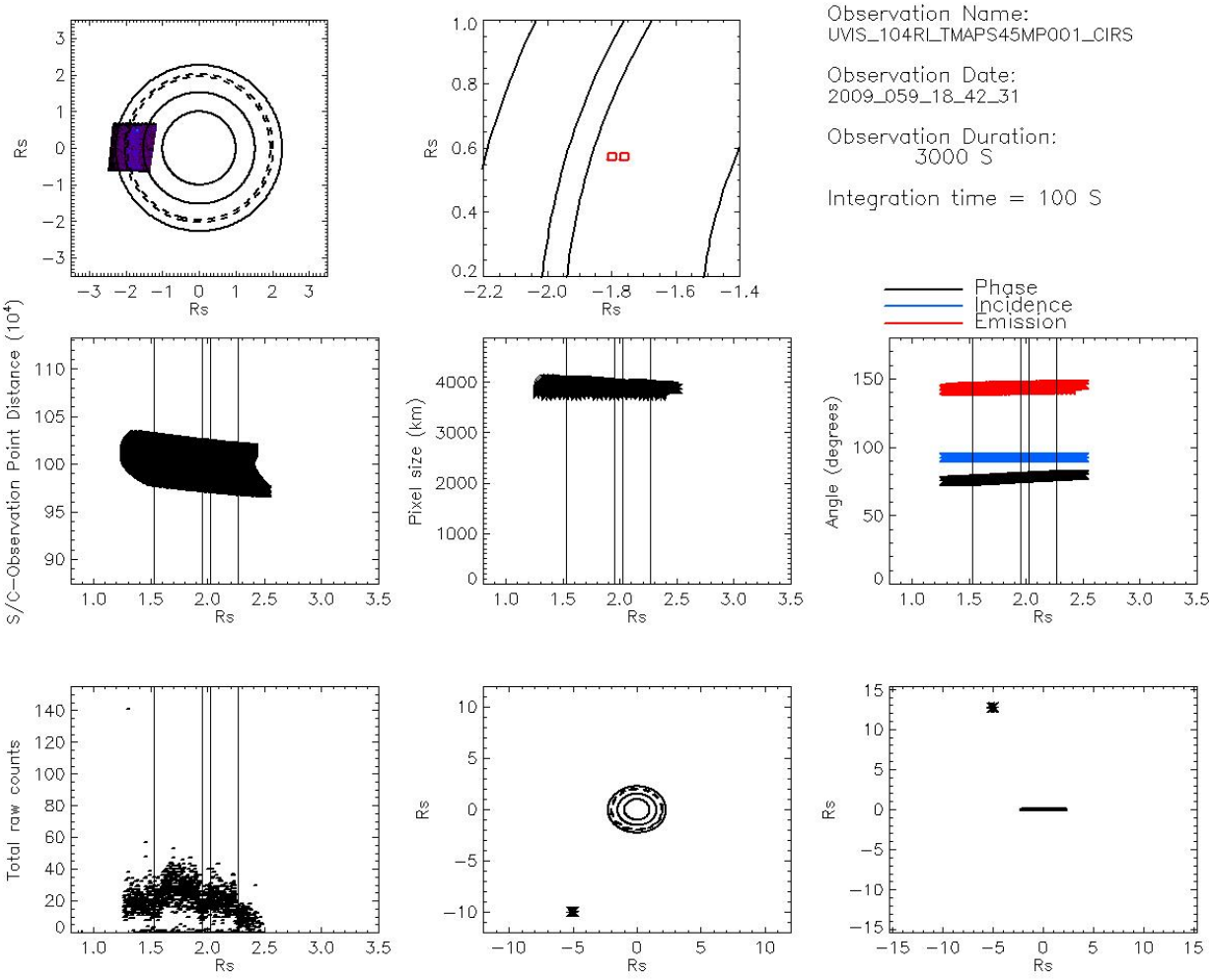


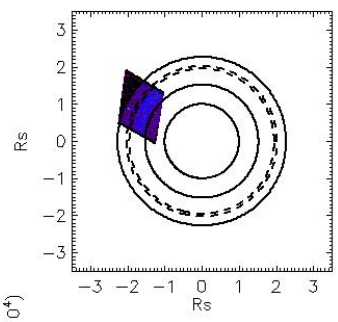


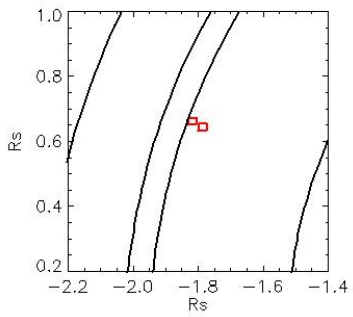





Observation Name:
UVIS_104RI_TMAPS45MP001_CIRS
Observation Date:
2009_059_17_45_31
Observation Duration:
3000 S
Integration time = 100 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts


Observation Name:
UVIS_104RI_TMAPS45MP001_CIRS
Observation Date:
2009_059_18_42_31
Observation Duration:
3000 S
Integration time = 100 S
Phase
Incidence
Emission
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts
Rs



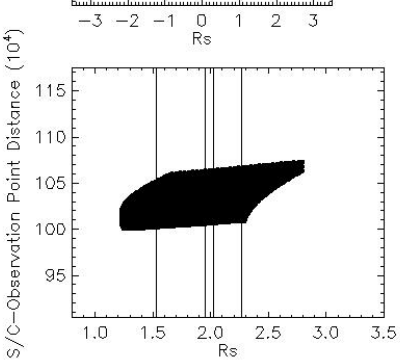


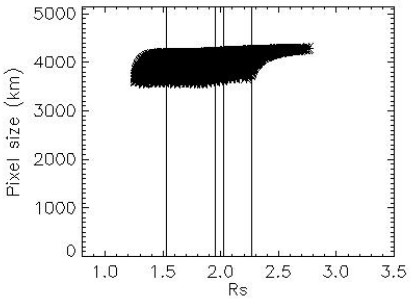
Observation Name:
UVIS_104RI_TMAPS45MP001_CIRS

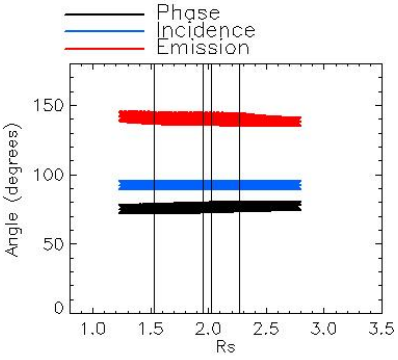
Observation Date:
2009_059_19_39_31

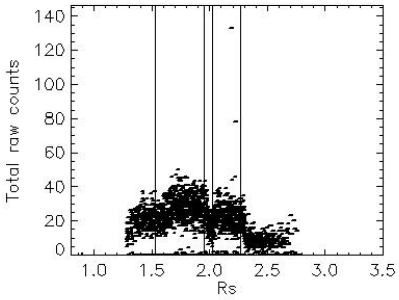
Observation Duration:
3000 S

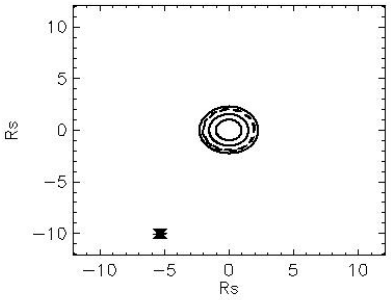
Integration time = 100 S

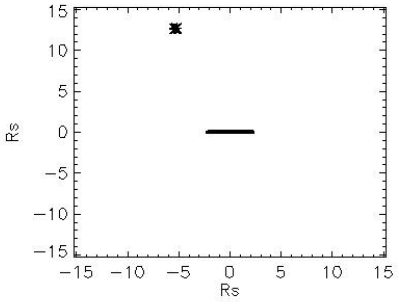


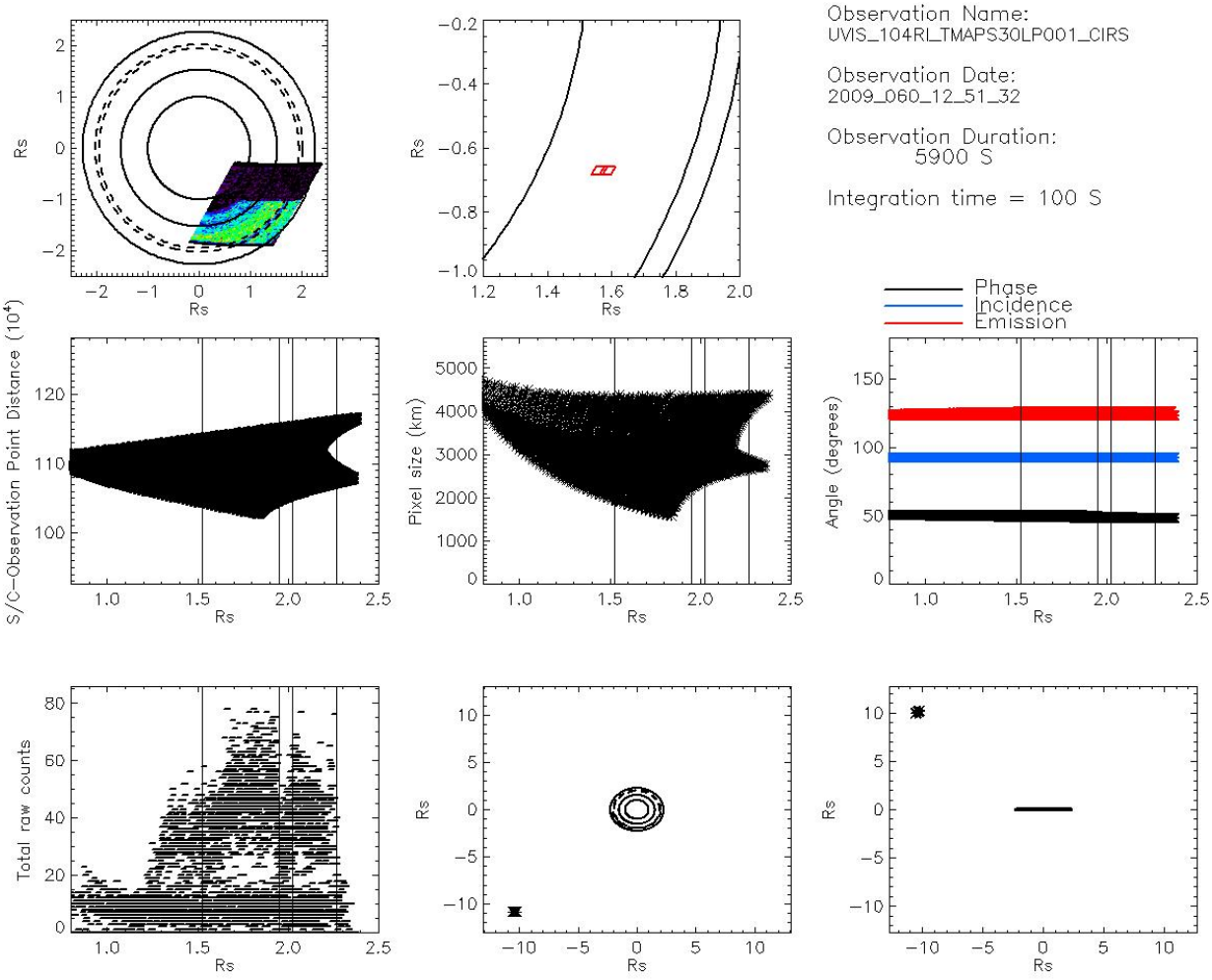


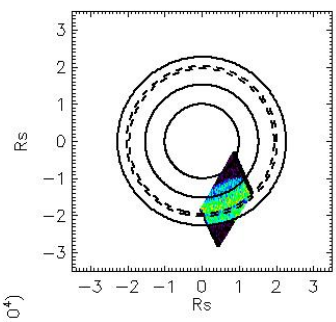


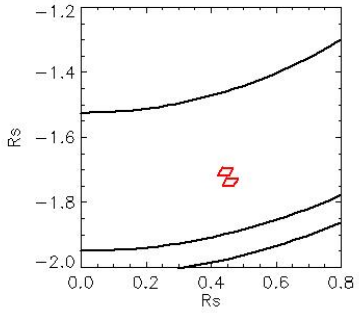







Observation Name:
UVIS_104RI_TMAPS30LP001_CIRS
Observation Date:
2009_060_12_51_32
Observation Duration:
5900 S
Integration time = 100 S
Phase
Incidence
Emission
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts
Rs



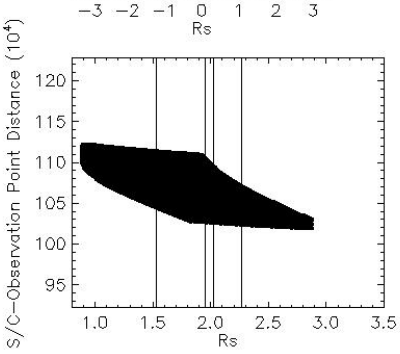


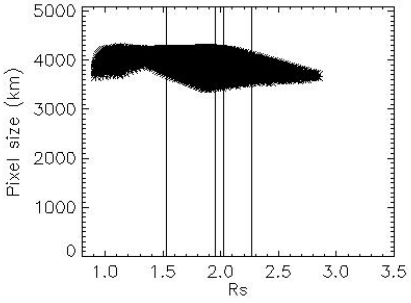
Observation Name:
UVIS_104RI_TMAPS30LP001_CIRS

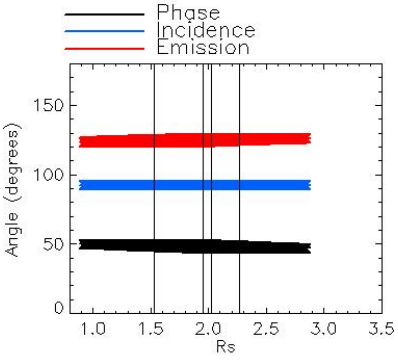
Observation Date:
2009_060_14_36_32

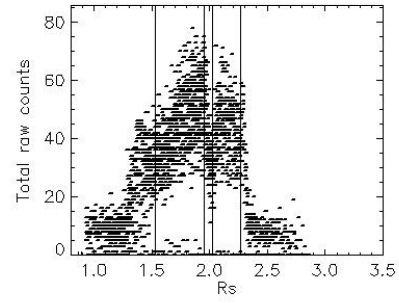
Observation Duration:
3000 S

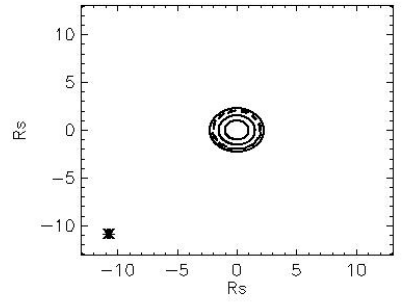
Integration time = 100 S

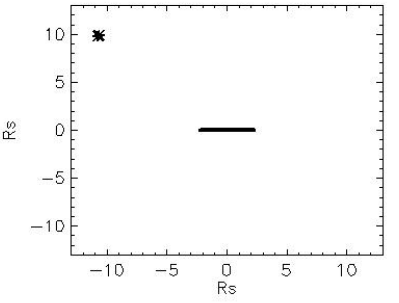


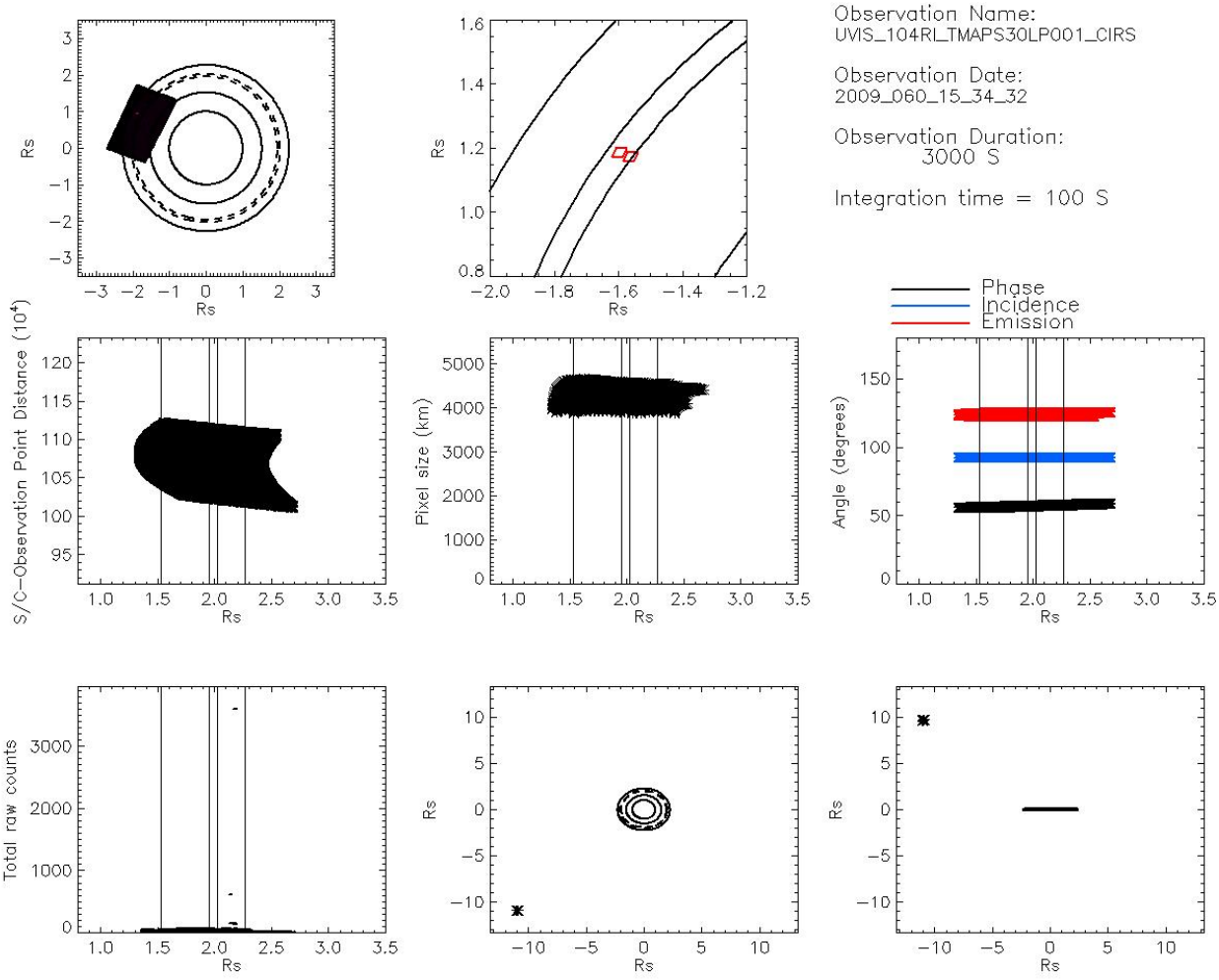


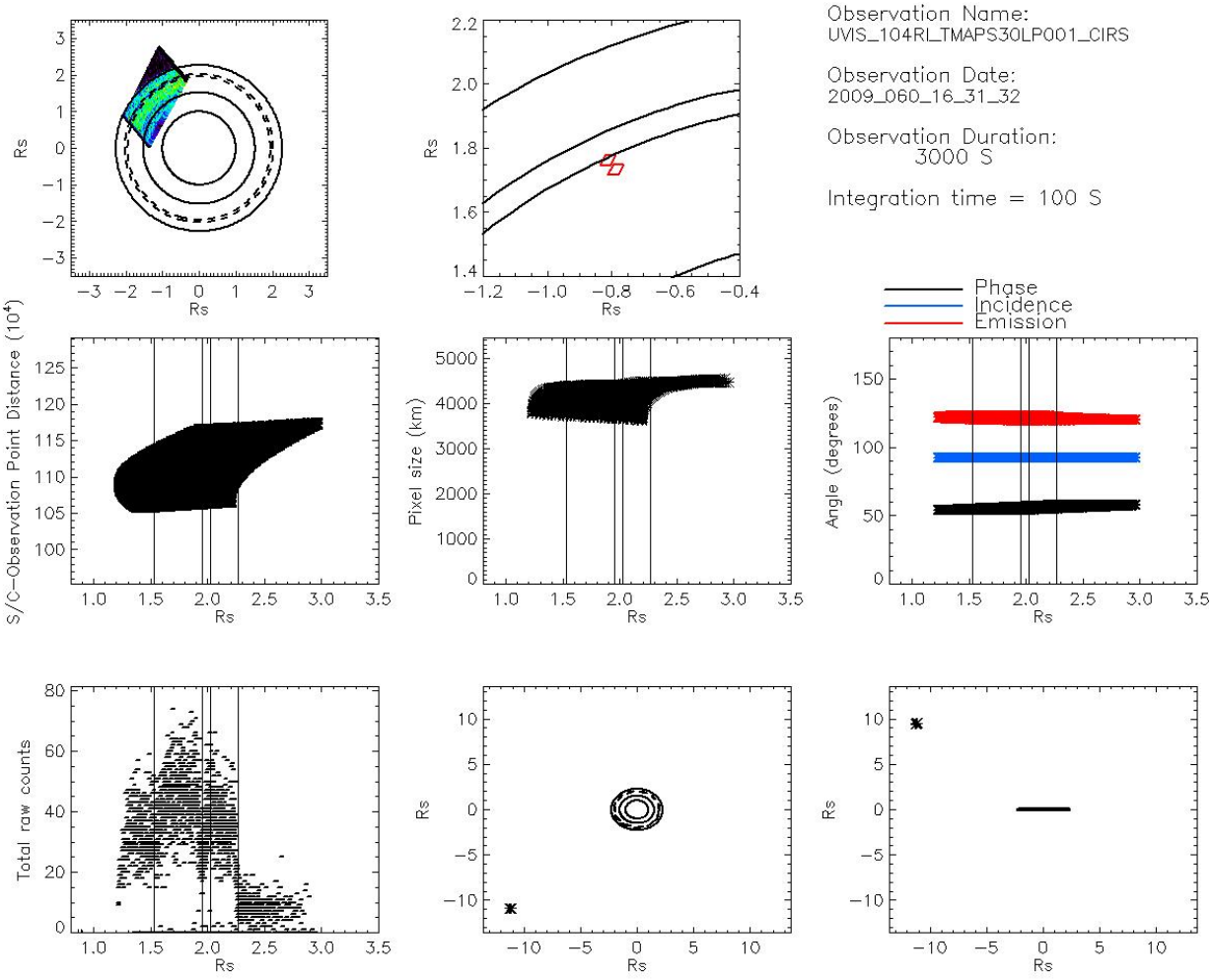


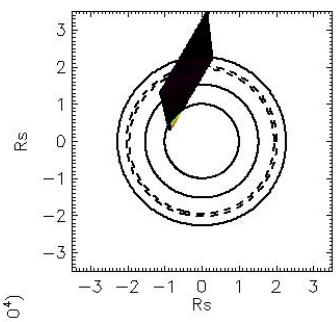


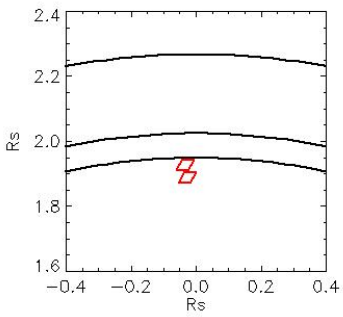





Observation Name:
UVIS_104RI_TMAPS30LP001_CIRS
Observation Date:
2009_060_15_34_32
Observation Duration:
3000 S
Integration time = 100 S
Phase
Incidence
Emission
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts
Rs


Observation Name:
UVIS_104RI_TMAPS30LP001_CIRS
Observation Date:
2009_060_16_31_32
Observation Duration:
3000 S
Integration time = 100 S
Phase
Incidence
Emission
Rs
S/C–Observation Point Distance (10^4)
Pixel size (km)
Angle (degrees)
Total raw counts





Observation Name:
UVIS_104RI_TMAPS30LP001_CIRS

Observation Date:
2009_060_17_28_32

Observation Duration:
3000 S

Integration time = 100 S