

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 5278 - L2 Version 001
Chandra X-Ray Center

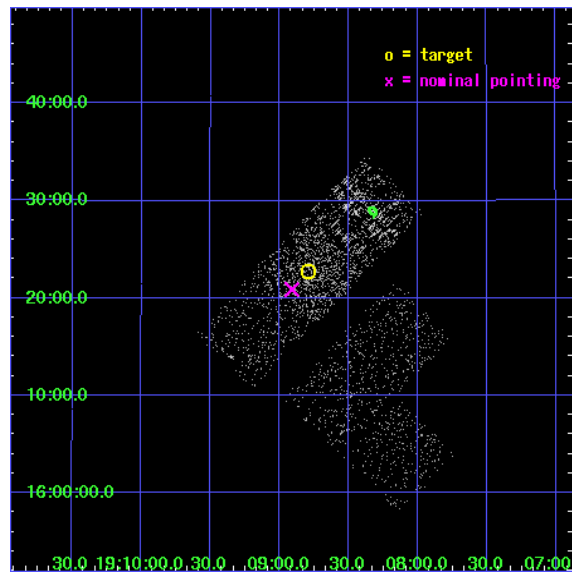
L2 Processing Date : Jun 26 2006

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1 Front

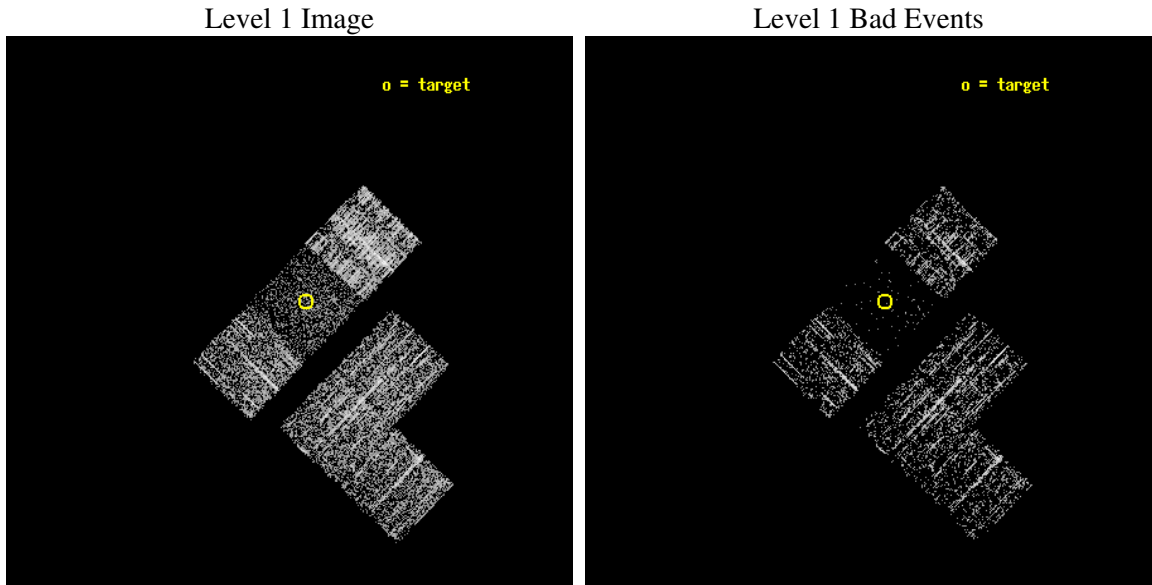
seq_num	100051
obs_id	5278
title	High Resolution Imaging of the Source of Comet Encke's X-Rays Over One Nuclear Rotation
observer	Dr. Carey Lisse
object	2P/Encke (2003)
dtcycle	0
cycle	P
ra_targ	287.19839
dec_targ	16.37987
ra_nom	287.22786999995
dec_nom	16.34826977638
roll_nom	314.14832293611
revision	2
ontime	1471.9999945164
livetime	1453.3606442538
ontime0	1471.9999945164
ontime2	1471.9999945164
ontime3	1471.9999945164
ontime6	1471.9999945164
ontime7	1471.9999945164
ontime8	1471.9999945164
l2events	3542



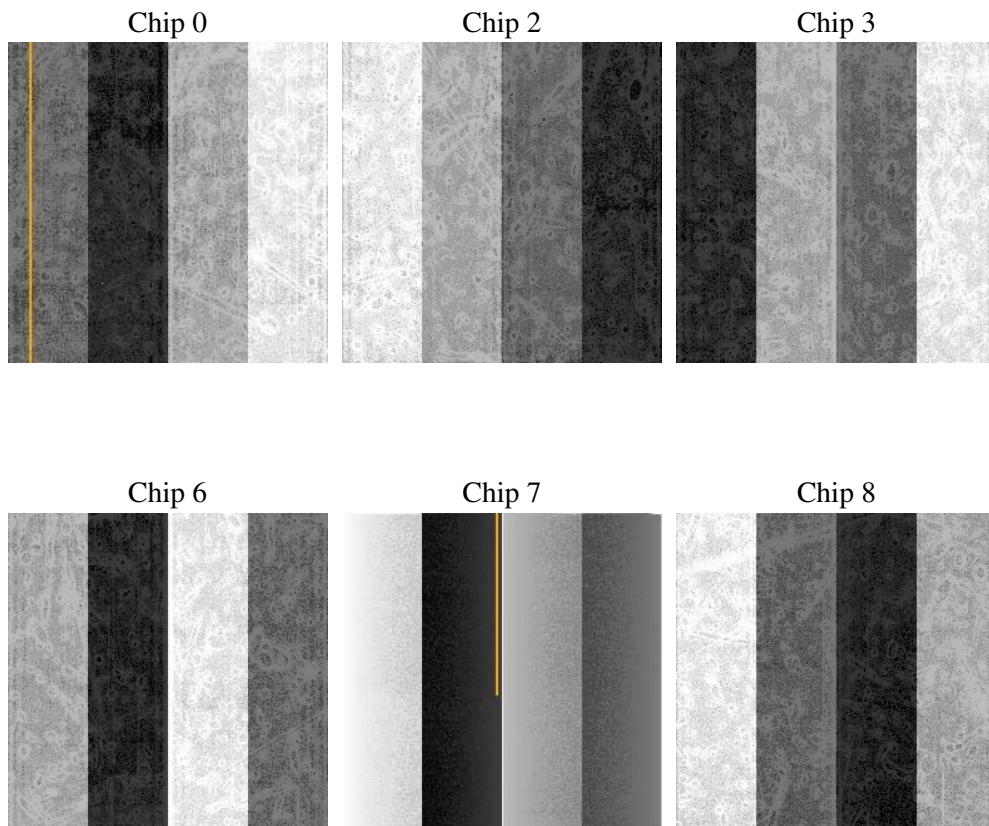
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.8
caldbver	3.2.2
date	2006-06-26T20:33:52
revision	2

sched_exp_time	1290.000000
ontime	1798.7557878196
ontime0	1798.7557878196
ontime2	1798.7557878196
ontime3	1798.7557878196
ontime6	1798.7557878196
ontime7	1798.7557878196
ontime8	1798.7557878196
l1events	38388

2.1.4 Events

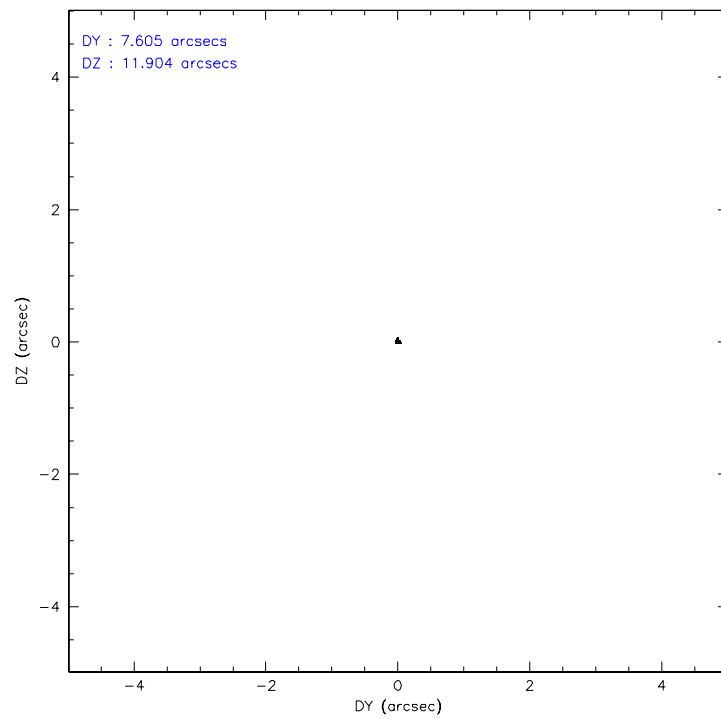
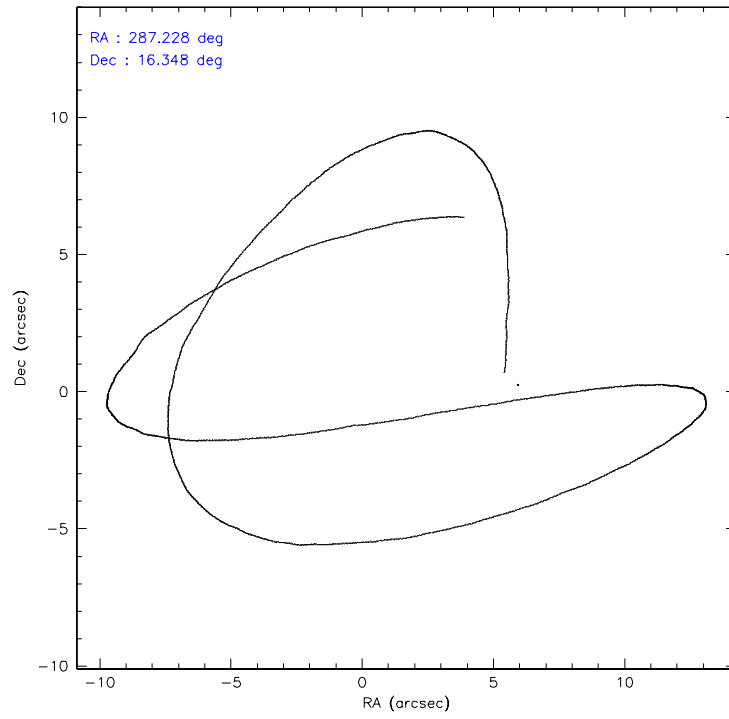
	ccd 0	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
level 1 events	5554	6206	6648	6220	1965	11795
rejected events	5121	5713	6297	5722	850	7296
rejected %	92%	92%	94%	91%	43%	61%

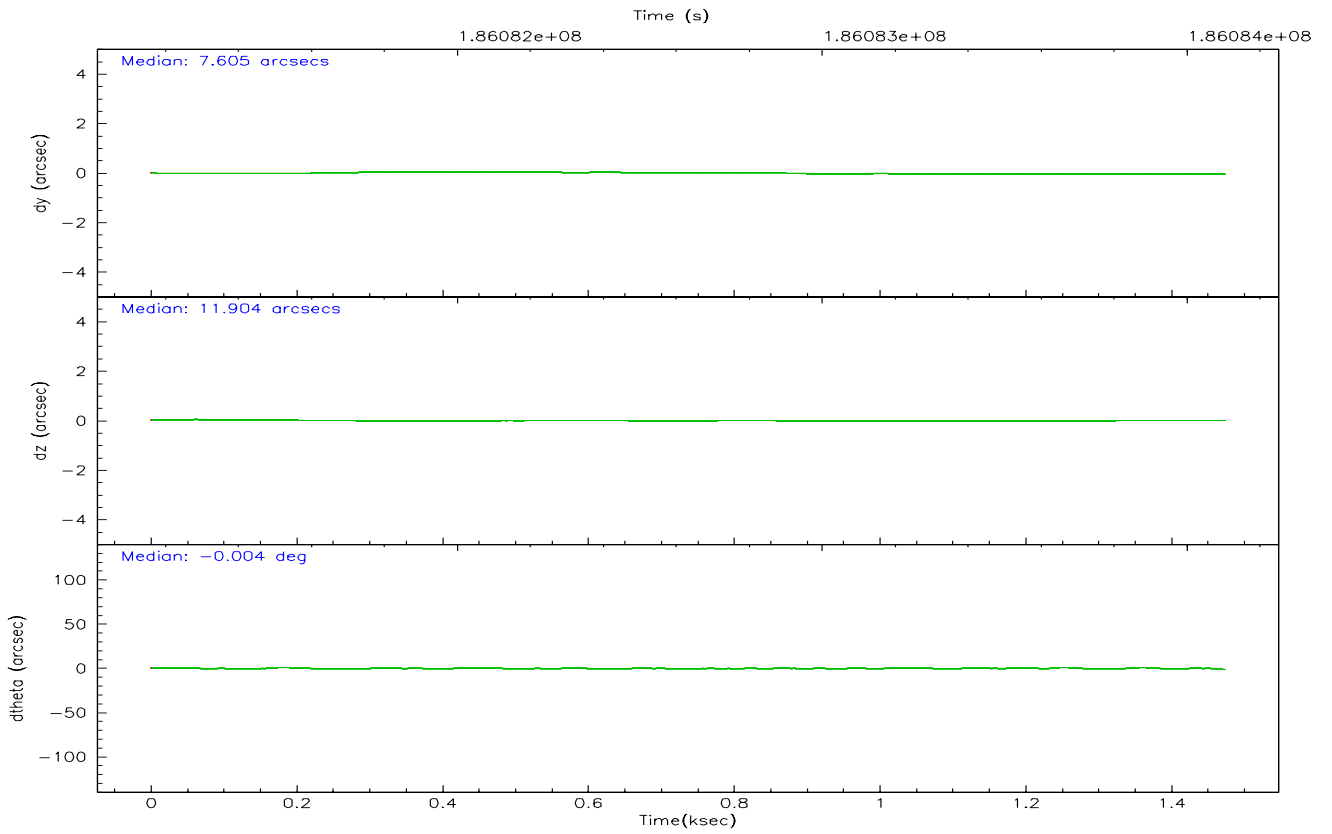
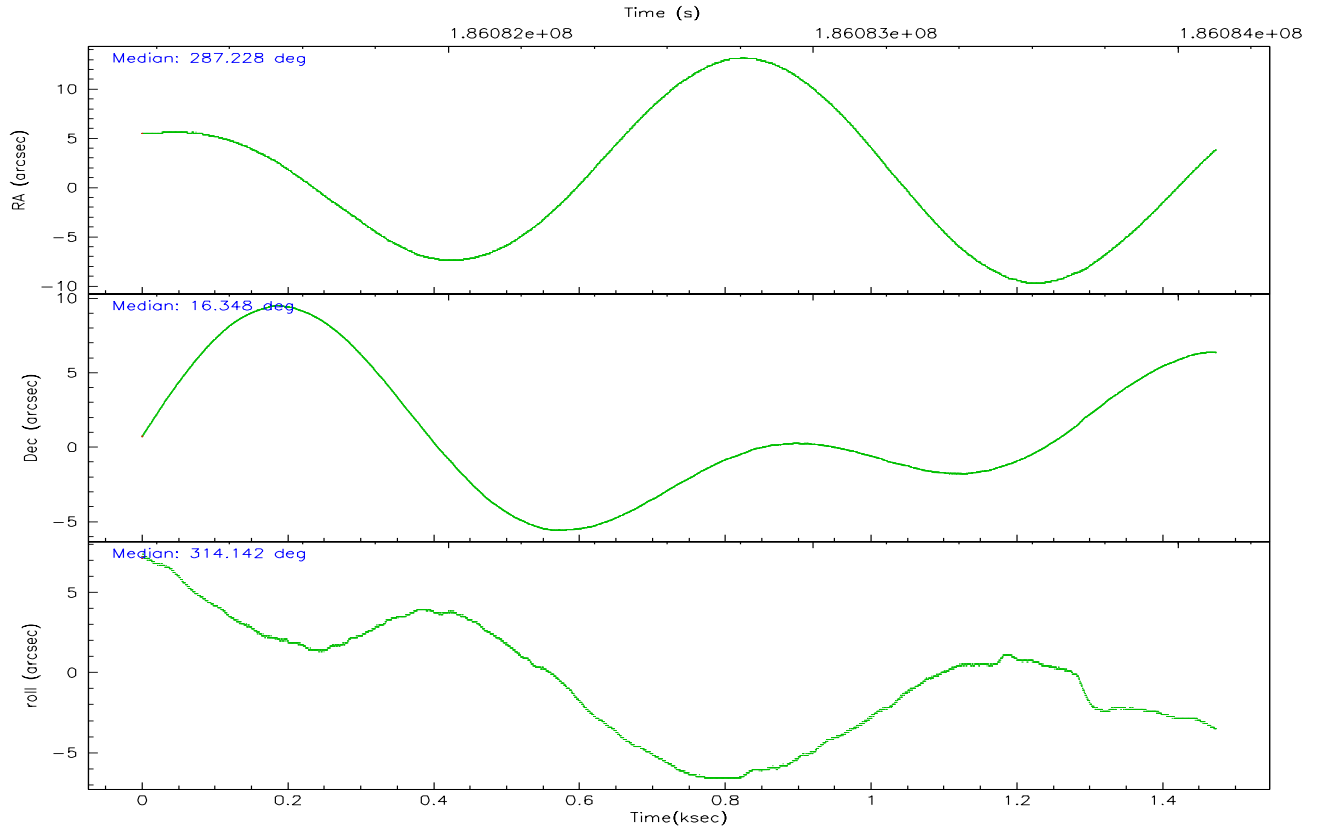
	ccd 0	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
grade 0 events	246	282	197	300	288	1671
	4%	4%	2%	4%	14%	14%
grade 1 events	2	4	0	1	2	13
	0%	0%	0%	0%	0%	0%
grade 2 events	153	138	102	122	407	781
	2%	2%	1%	1%	20%	6%
grade 3 events	45	44	38	65	151	923
	0%	0%	0%	1%	7%	7%
grade 4 events	40	67	42	62	120	890
	0%	1%	0%	0%	6%	7%
grade 5 events	50	47	55	53	146	140
	0%	0%	0%	0%	7%	1%
grade 6 events	51	74	49	53	386	1202
	0%	1%	0%	0%	19%	10%
grade 7 events	4967	5550	6165	5564	465	6175
	89%	89%	92%	89%	23%	52%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-023678	ACIS-023678	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	287.200765	287.2278699999452	Alternating exposures requested	N	N
Pointing Dec	16.354964	16.34826977638015	Primary exposure time	0.000000	3.2
Pointing Roll	313.999328	314.1483229361063			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	186082264.184000	186081887.45813			
Observation start date	2003-11-24T17:30:00	2003-11-24T17:24:47			
Observation end time	186083554.184000	186083687.35821			
Observation end date	2003-11-24T17:51:30	2003-11-24T17:54:47			
Read mode	TIMED	TIMED			

2.3 Aspect



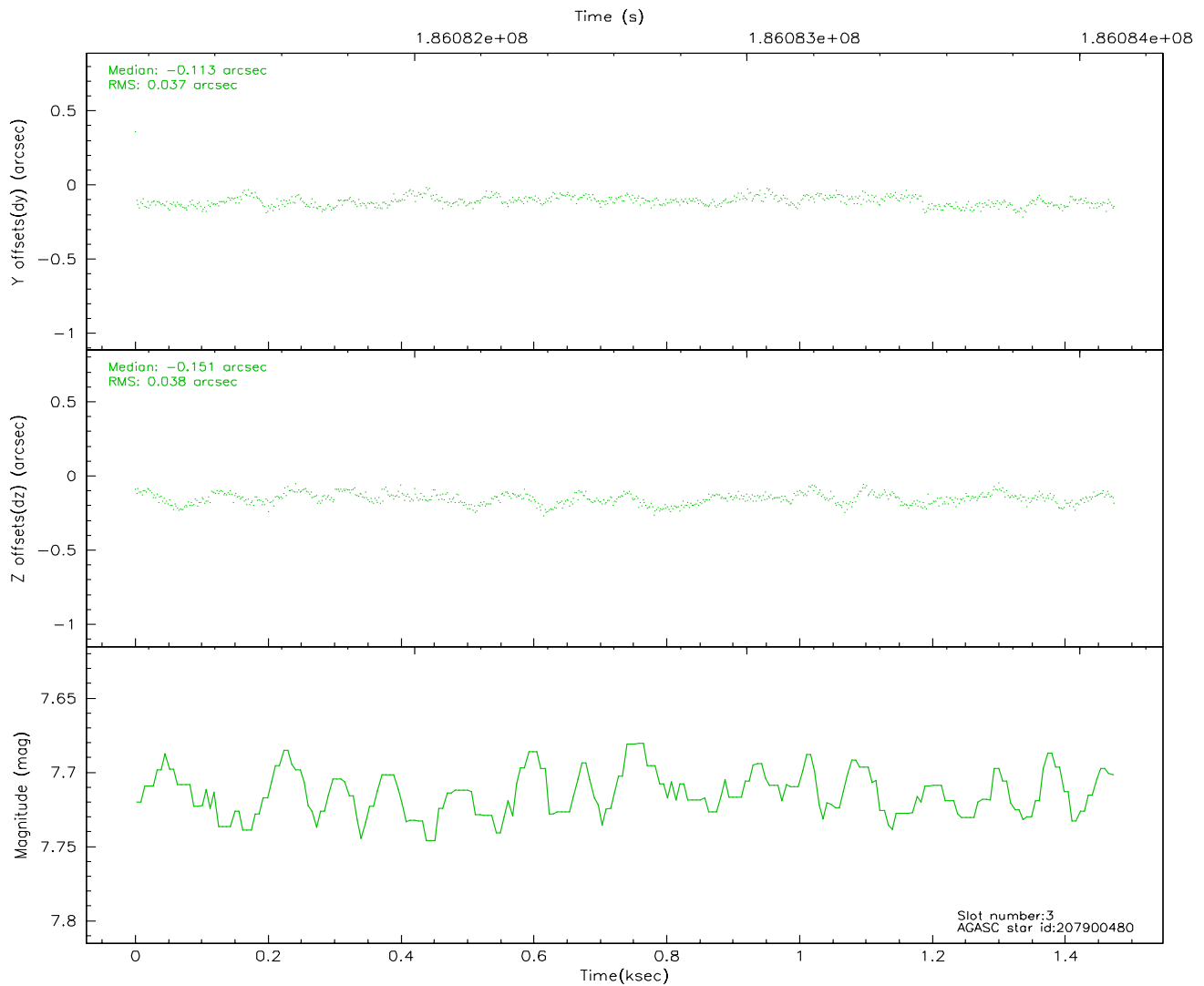
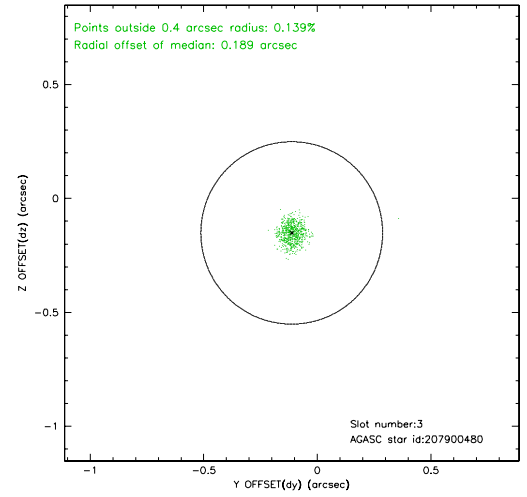
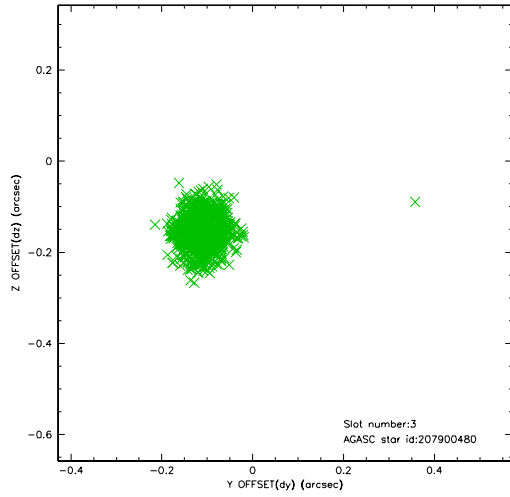


Slot Statistics

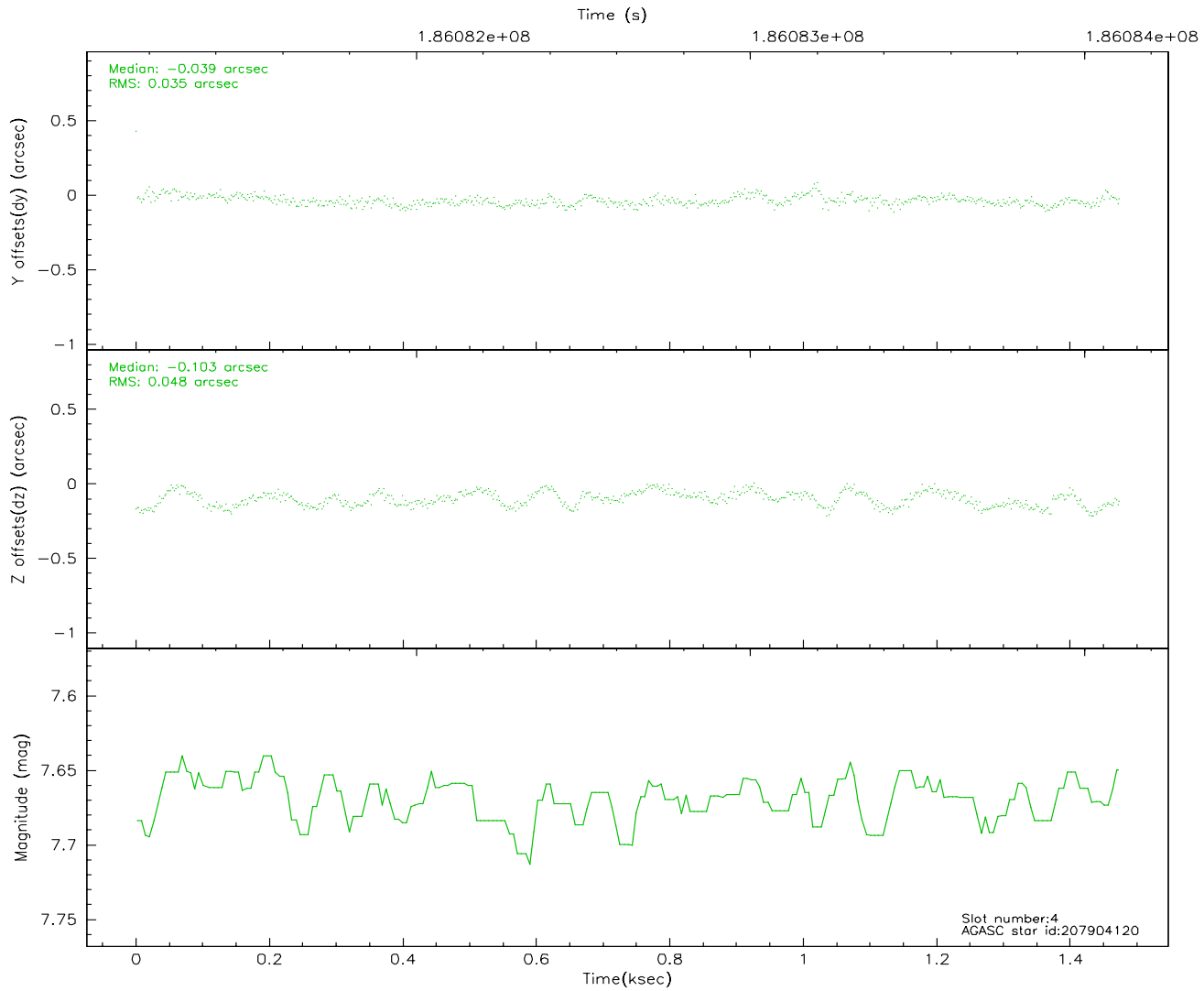
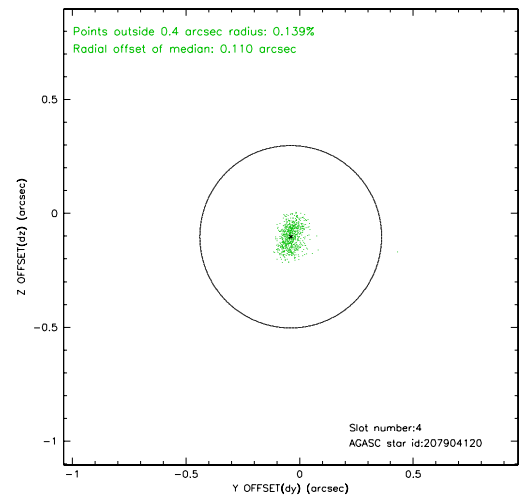
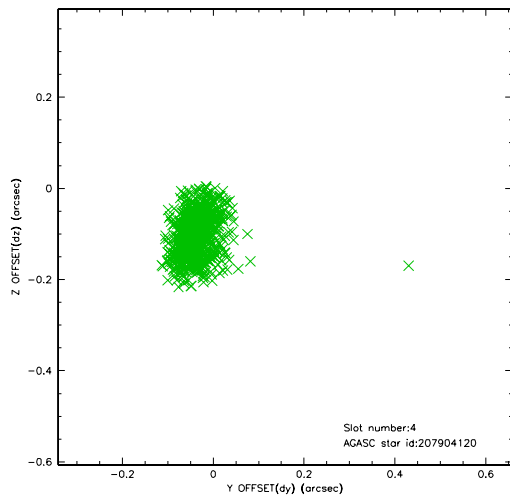
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.19	360	0.022	-0.043	0.006	0.010	0.000000	0.000000	935.64	-1728.90
1	FID	ACIS-S-4	7.19	360	-0.014	0.024	0.006	0.009	0.000000	0.000000	2155.56	170.67
2	FID	ACIS-S-5	7.23	360	-0.033	0.032	0.005	0.008	0.000000	0.000000	-1807.46	169.43
3	GUIDE	207900480	7.72	720	-0.113	-0.151	0.055	0.085	286.932282	16.070409	93.19	-1379.36
4	GUIDE	207904120	7.67	718	-0.039	-0.103	0.062	0.099	286.904195	16.289988	-542.07	-901.22
5	GUIDE	207916440	6.83	720	-0.155	-0.002	0.056	0.088	287.167522	16.851310	-1363.90	1157.09
6	GUIDE	208416976	8.35	720	-0.090	-0.012	0.078	0.115	287.326965	17.073967	-1560.73	2111.74
7	GUIDE	209596088	9.37	717	0.394	0.268	0.090	0.138	288.150718	16.305149	2403.44	2245.41

2.4 Star Slots

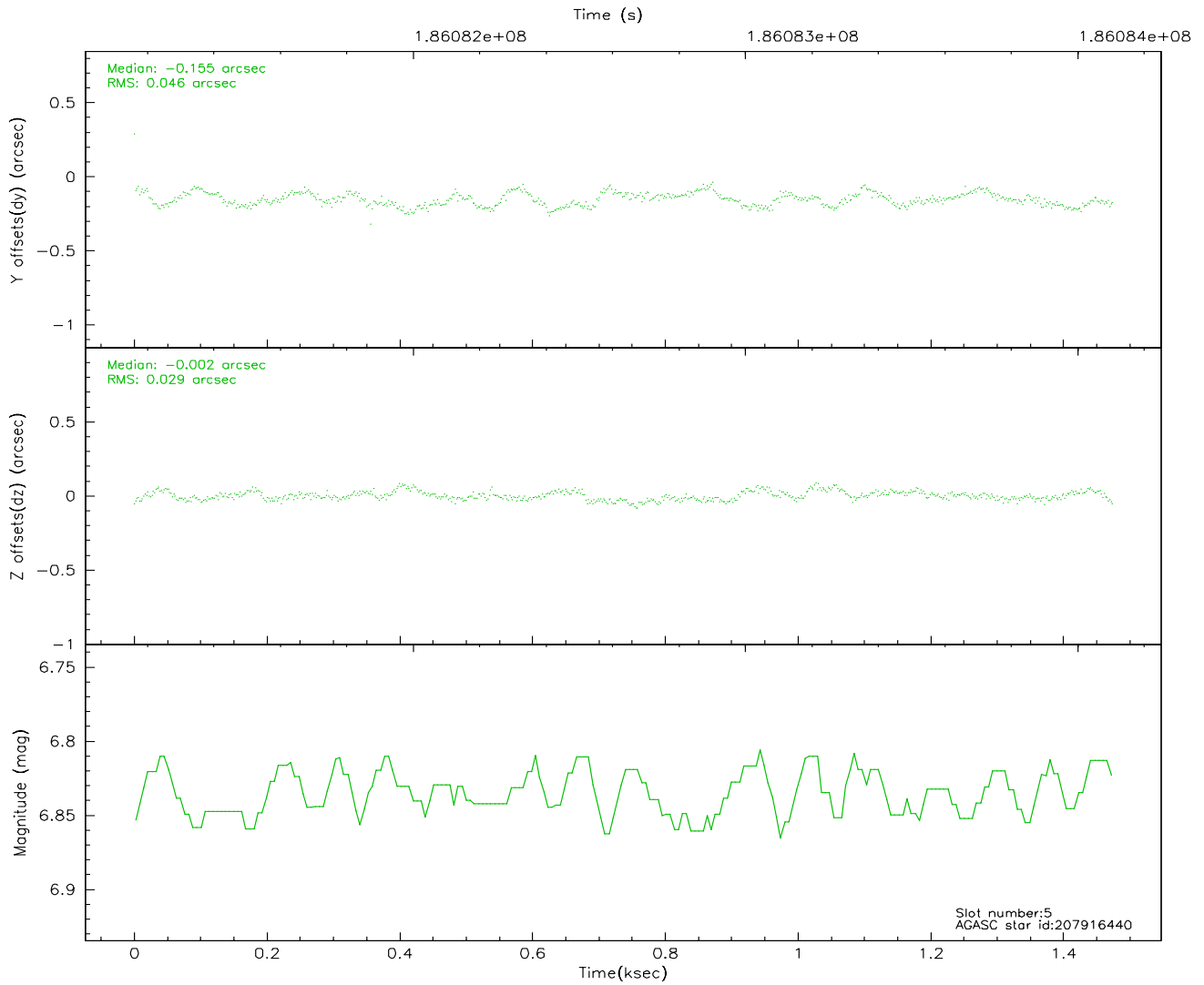
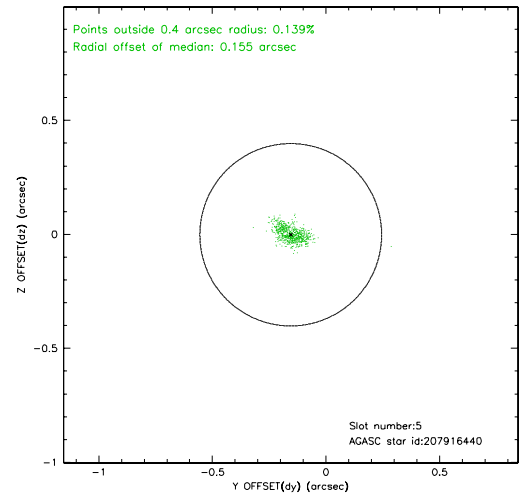
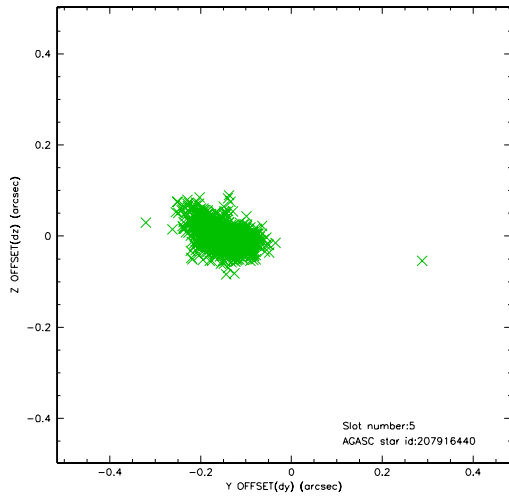
2.4.1 Slot 3



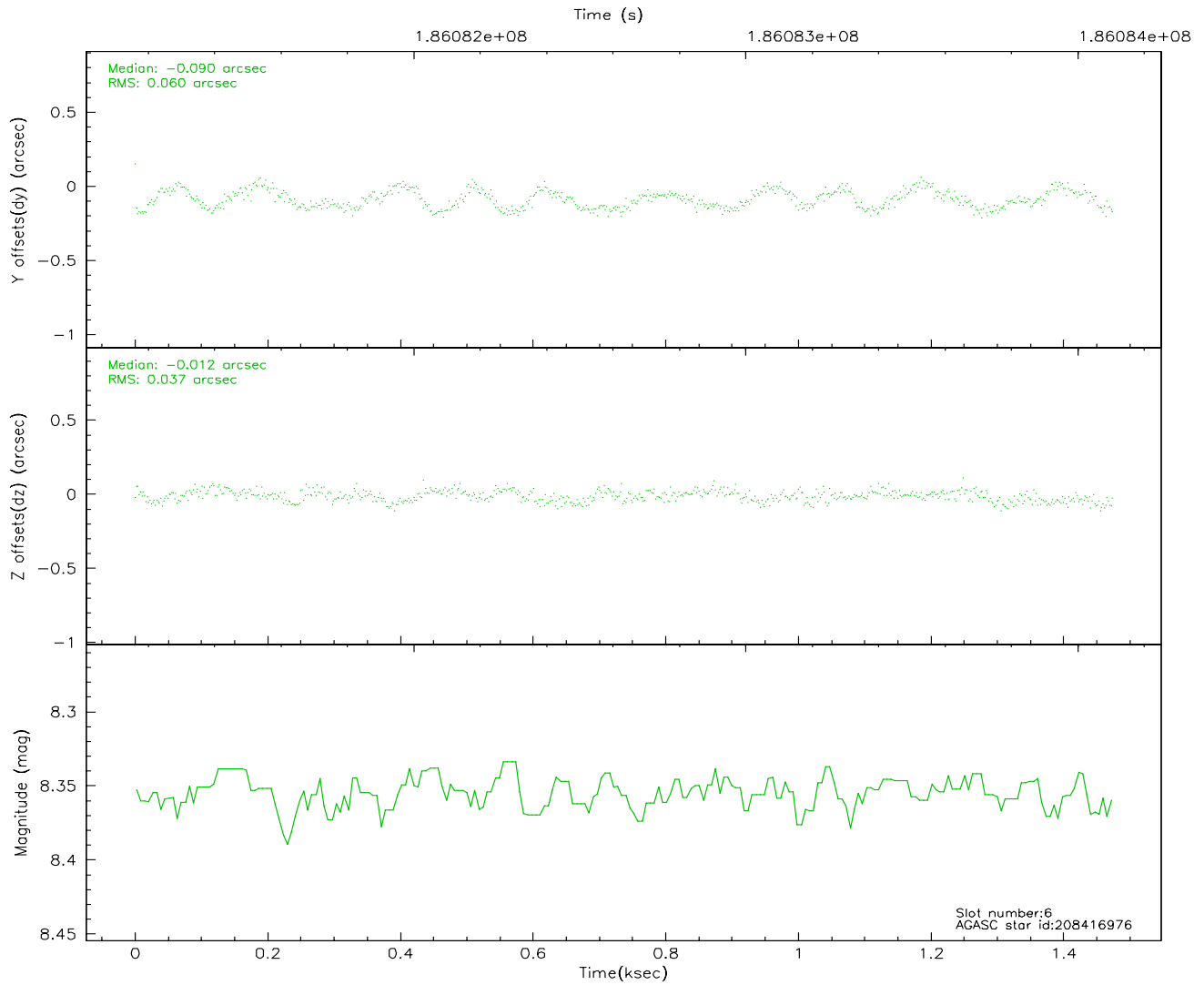
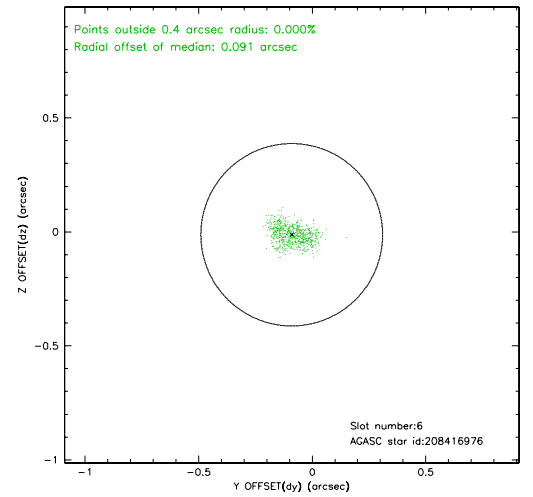
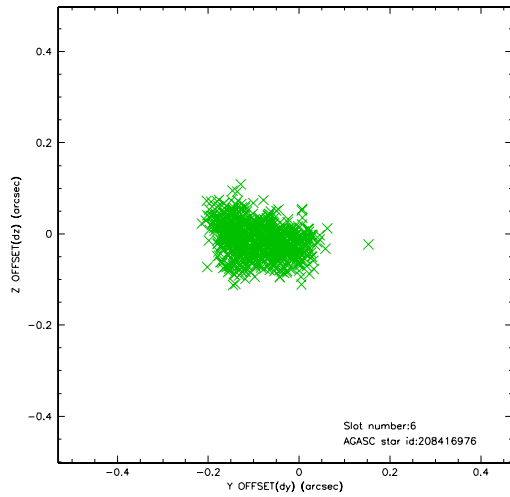
2.4.2 Slot 4



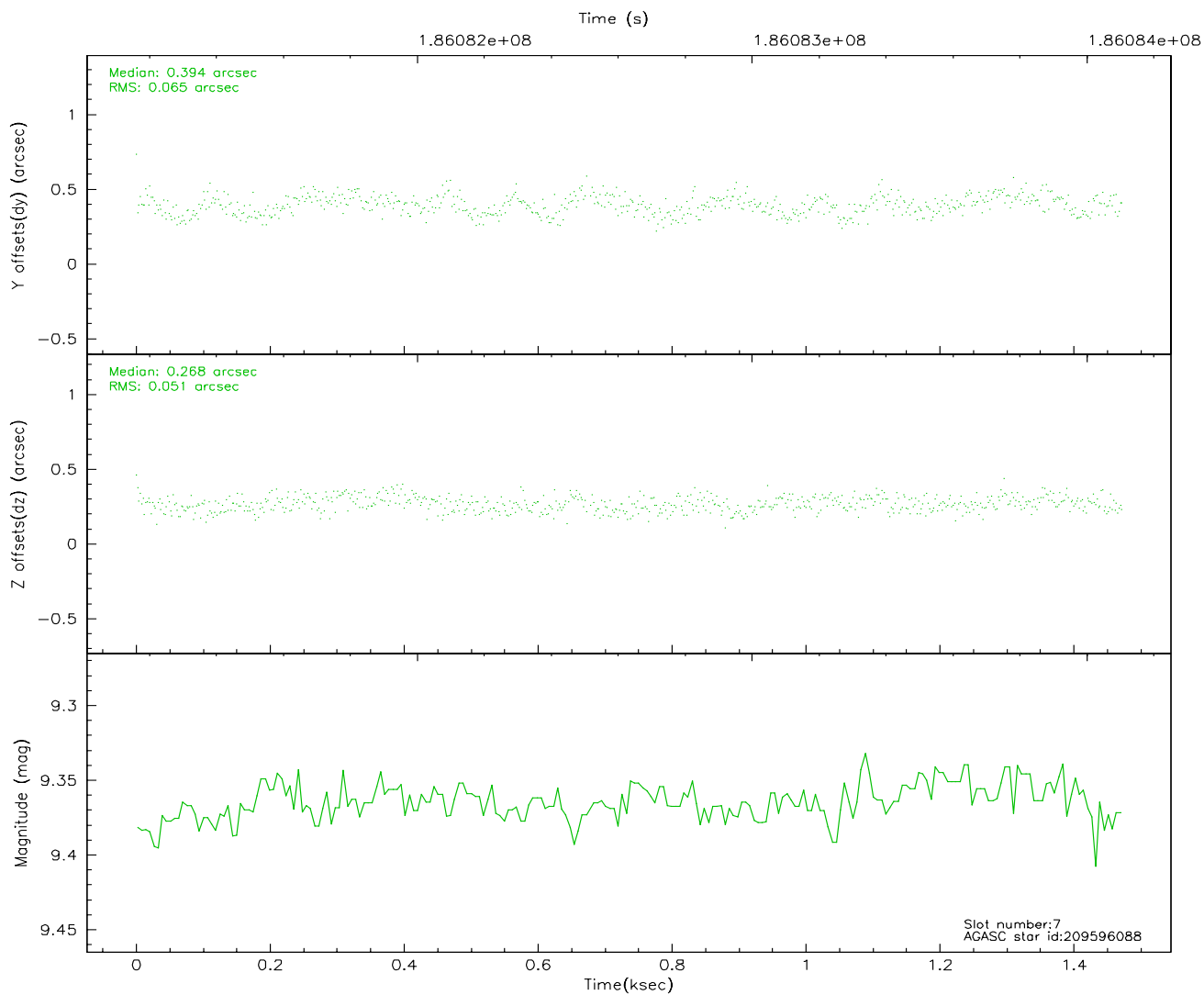
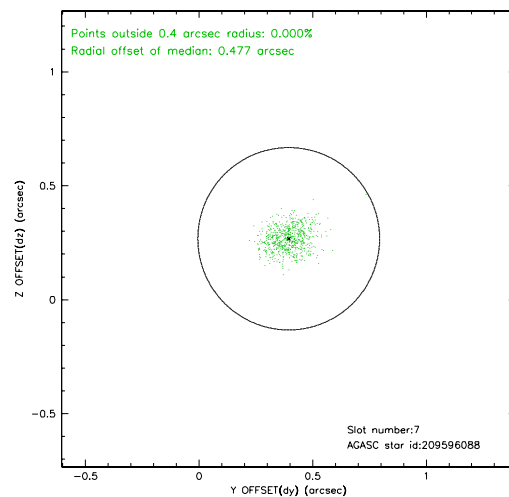
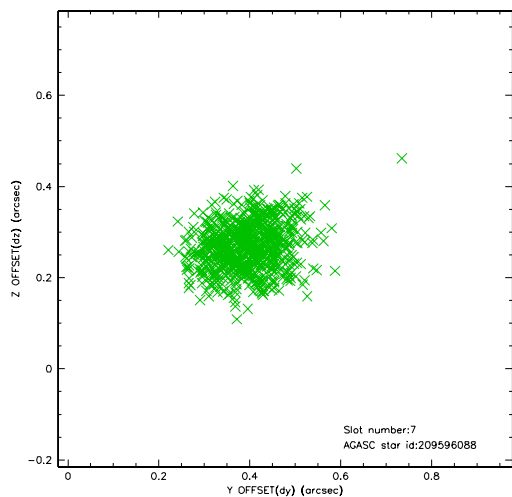
2.4.3 Slot 5



2.4.4 Slot 6

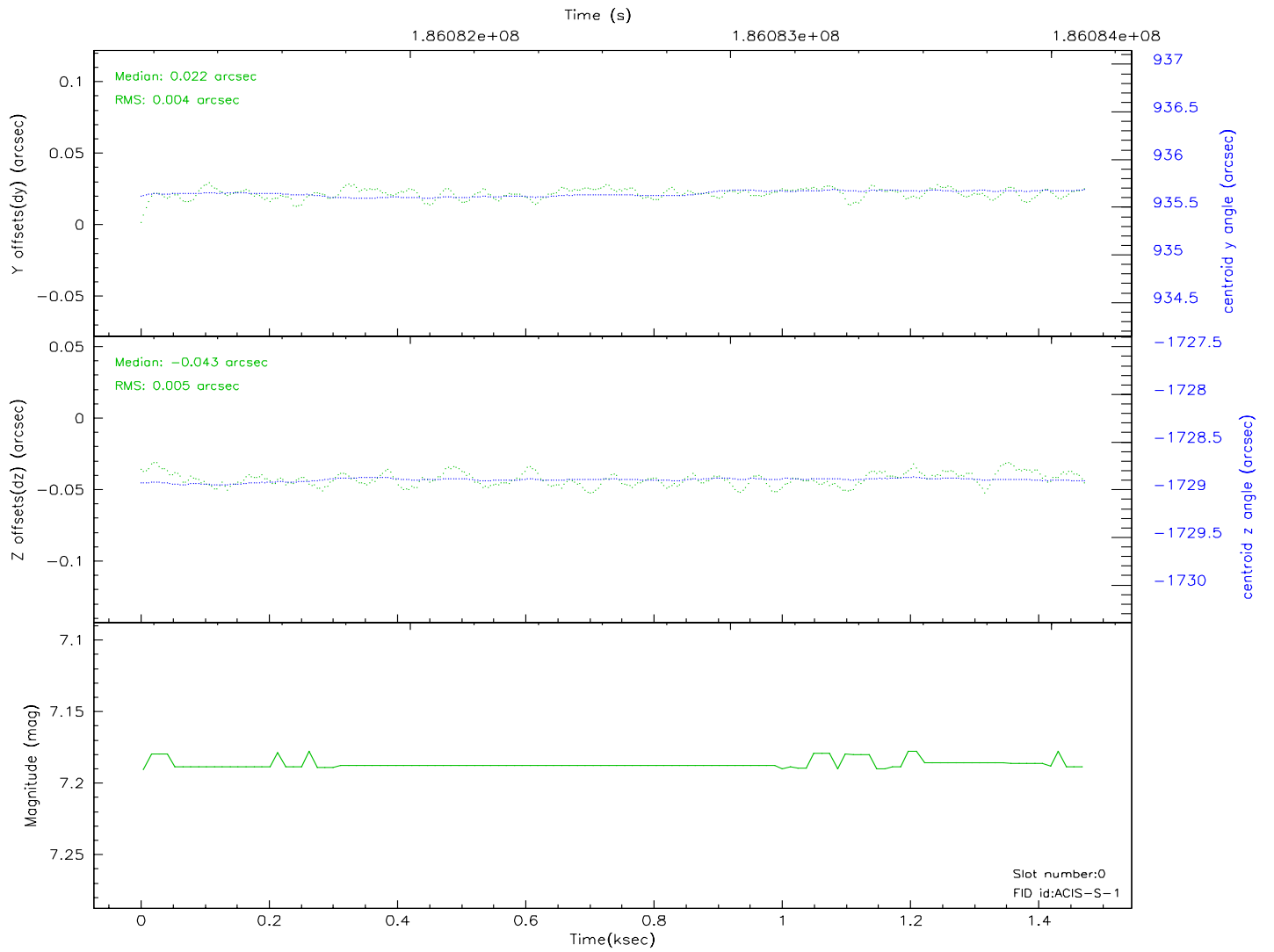
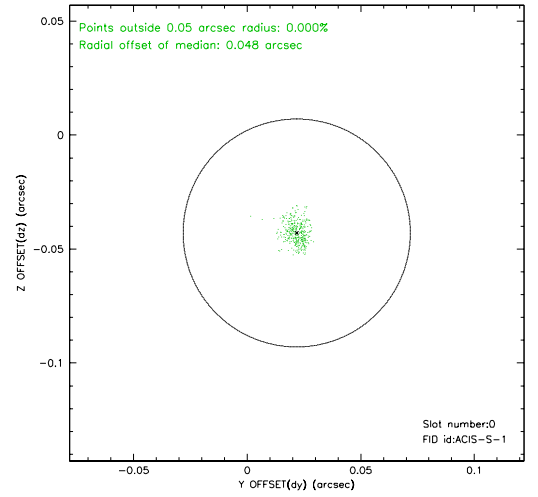
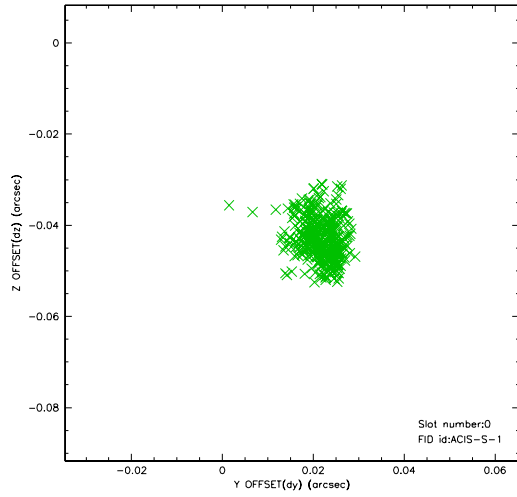


2.4.5 Slot 7

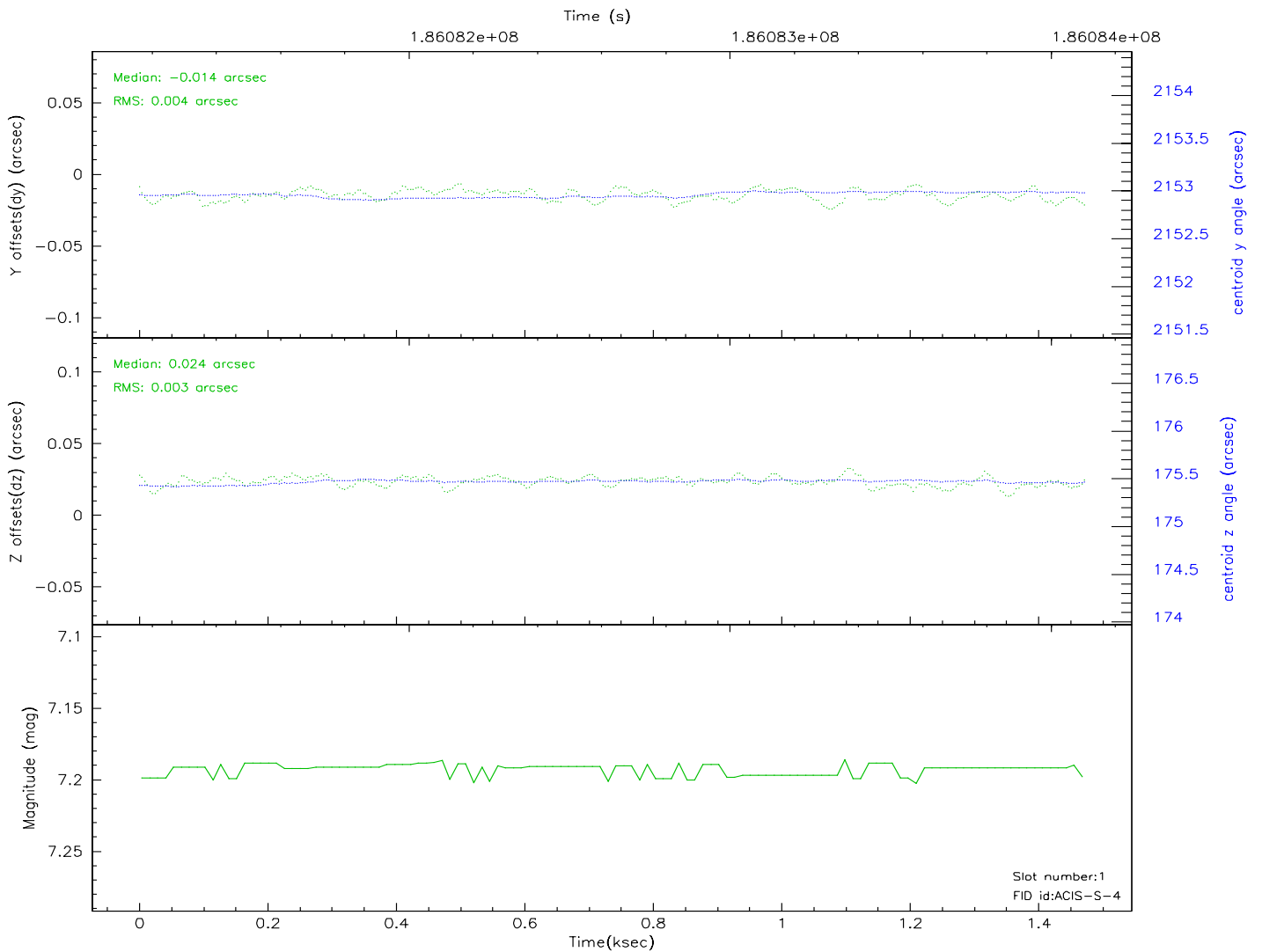
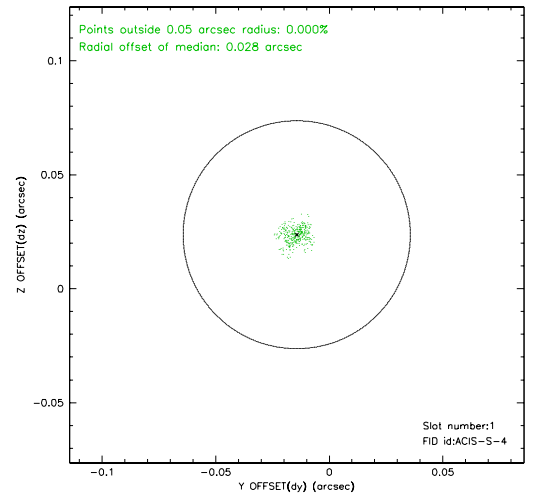
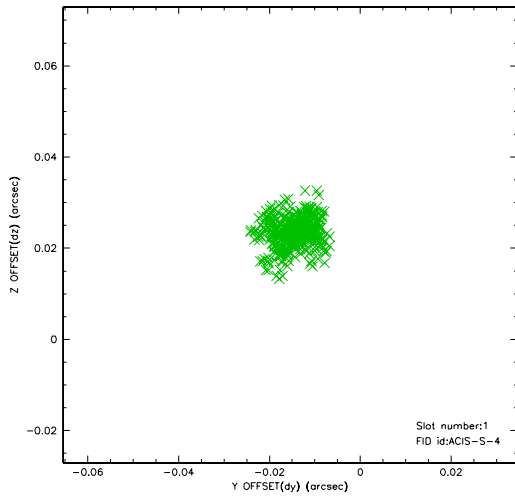


2.5 FID Slots

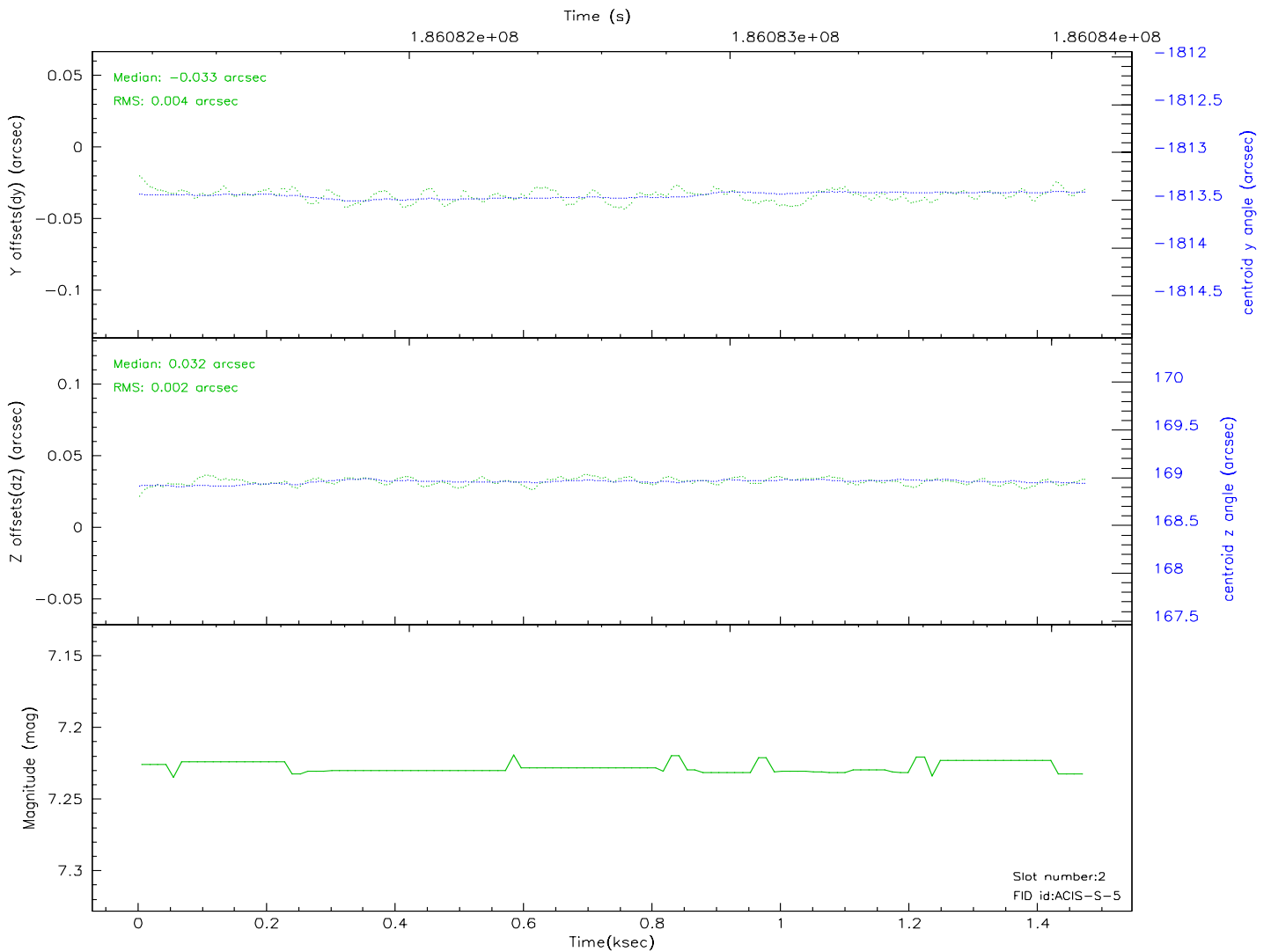
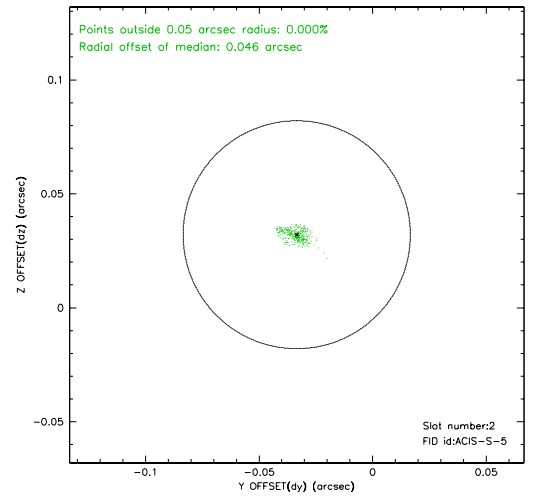
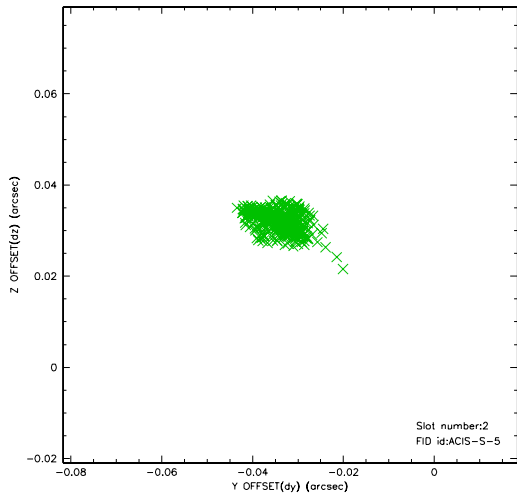
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

11.66 arcmin



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.06.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.471

A.2 Comments