

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 3311 - L2 Version 001
Chandra X-Ray Center

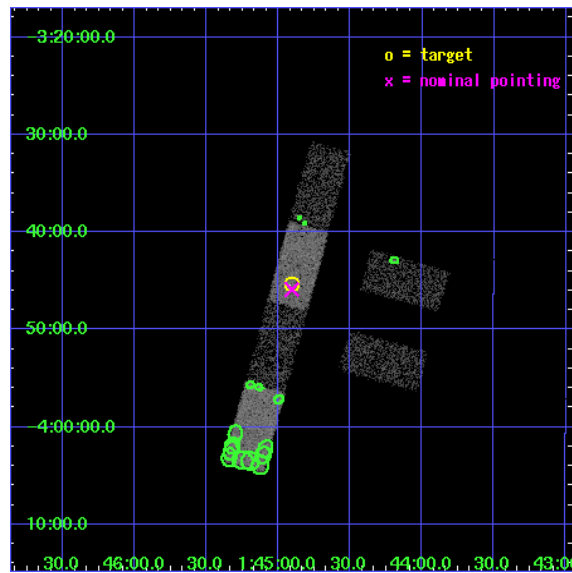
L2 Processing Date : Aug 31 2006

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1 Front

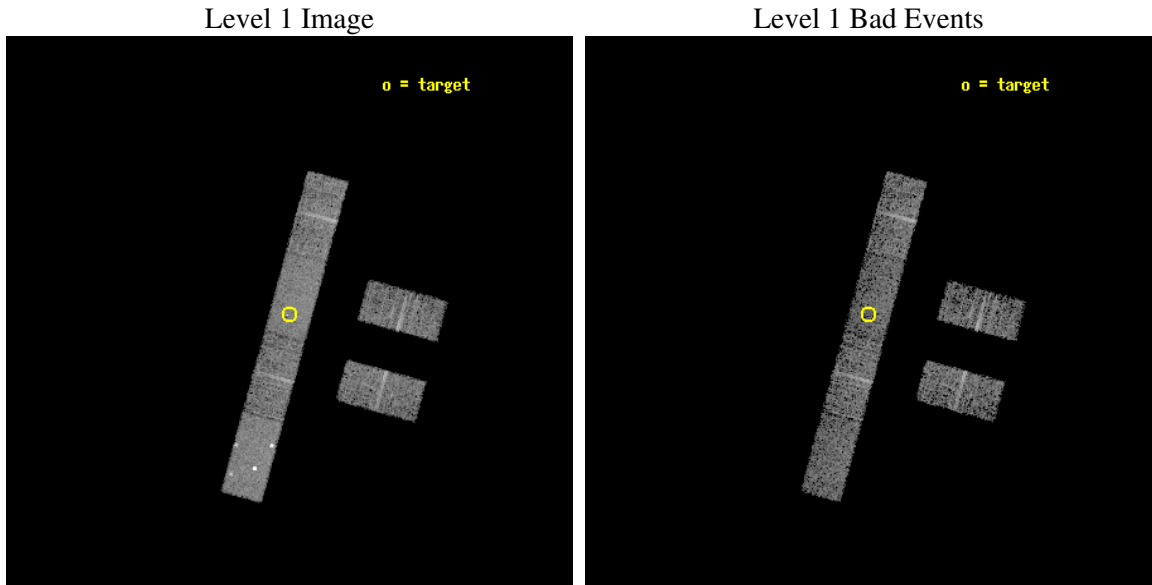
seq_num	900150
obs_id	3311
title	THE SHEEP SURVEY: WHAT KIND OF OBJECTS MAKE THE X-RAY BACKGROUND?
observer	Professor Kirpal Nandra
object	AX J0144.9-0345
dtcycle	0
cycle	P
ra_targ	26.225833
dec_targ	-3.755278
ra_nom	26.226785695316
dec_nom	-3.7649018838143
roll_nom	285.35600903813
revision	2
ontime	4759.1999921203
livetime	4653.1091045368
ontime2	4759.1999921203
ontime3	4759.1999921203
ontime5	4759.1999921203
ontime6	4759.1999921203
ontime7	4759.1999921203
ontime8	4759.1999921203
l2events	26749



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 2

Chip 3

Chip 5



Chip 6

Chip 7

Chip 8



2.1.3 Parameters

obi_num	0
ascdsver	7.6.8.1
caldbver	3.2.3
date	2006-08-31T13:29:03
revision	2

sched_exp_time	5000.000000
ontime	4762.7096521109
ontime2	4762.7096521109
ontime3	4762.7096521109
ontime5	4762.7096521109
ontime6	4762.7096720338
ontime7	4762.7096521109
ontime8	4762.7096720338
l1events	122768

2.1.4 Events

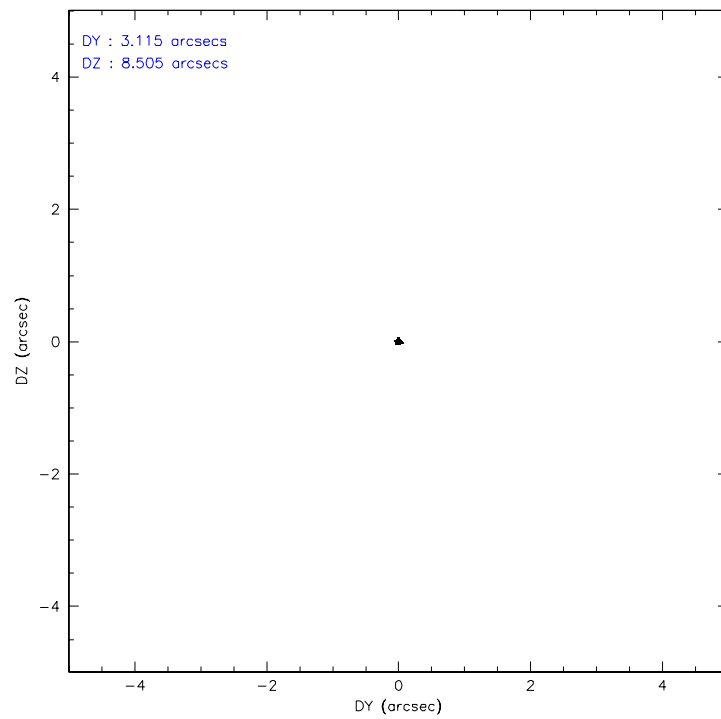
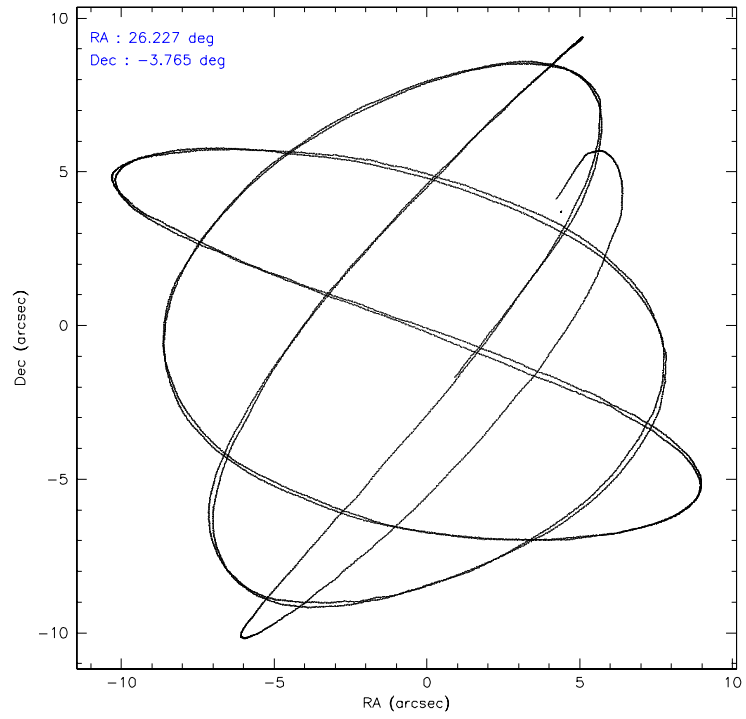
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	17111	16476	27788	17926	22163	21304
rejected events	15084	14546	12695	15857	12570	16936
rejected %	88%	88%	45%	88%	56%	79%

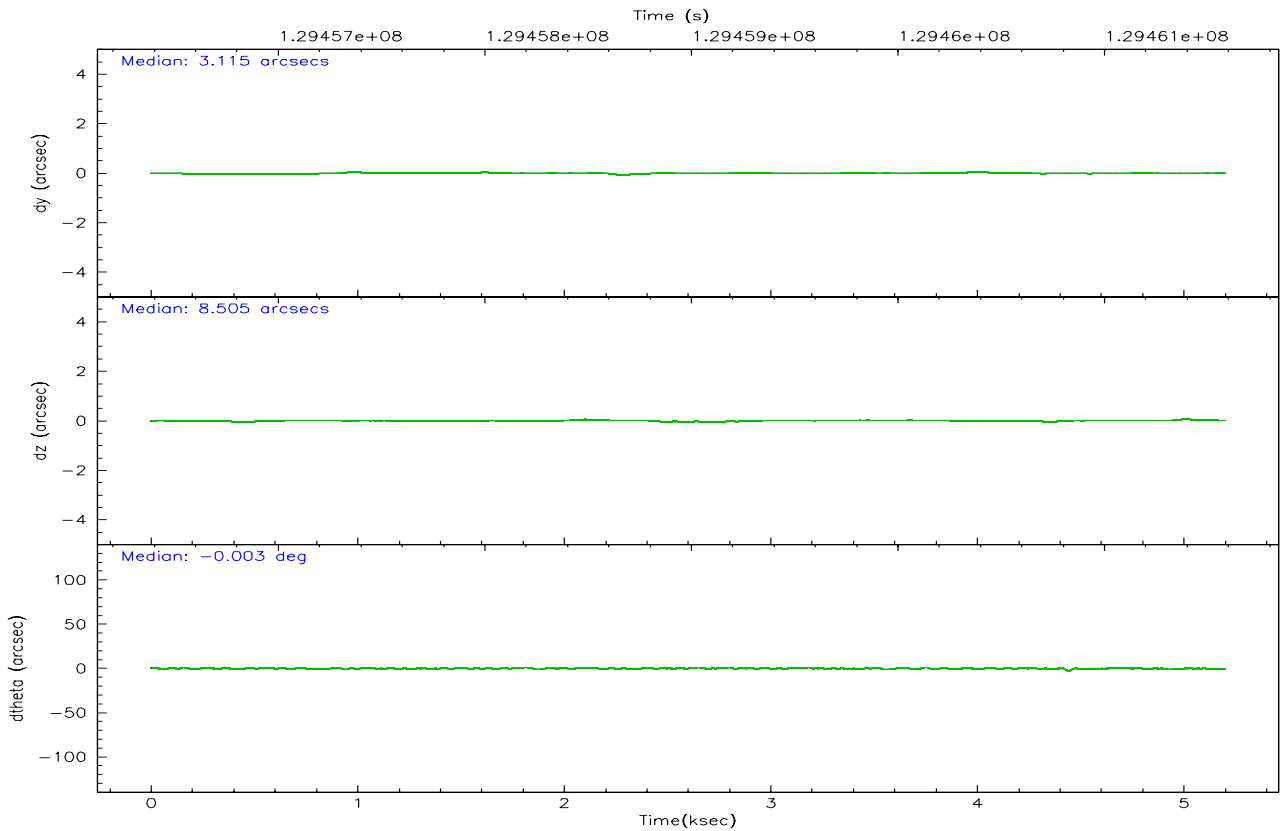
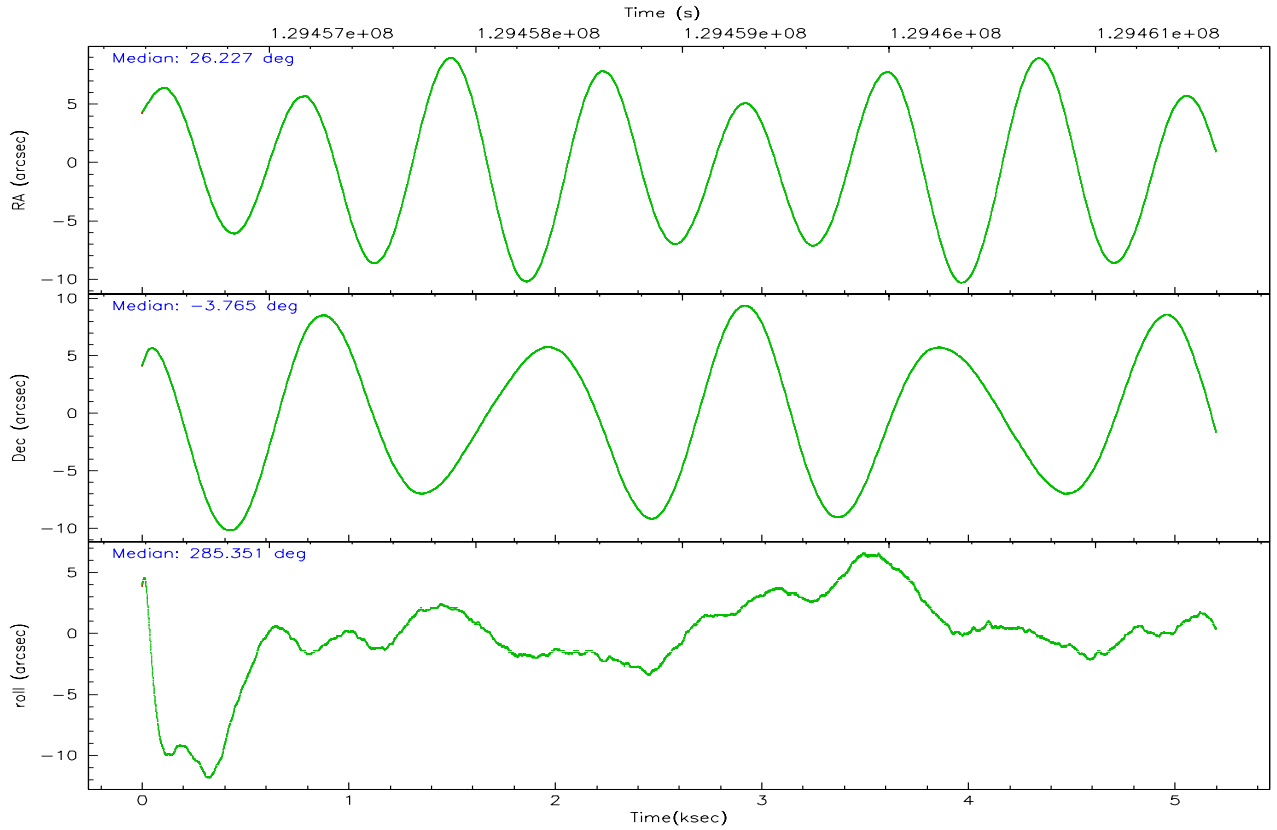
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	819	821	5091	833	749	1498
	4%	4%	18%	4%	3%	7%
grade 1 events	8	8	47	8	19	12
	0%	0%	0%	0%	0%	0%
grade 2 events	431	352	3377	392	2291	889
	2%	2%	12%	2%	10%	4%
grade 3 events	200	243	300	229	611	450
	1%	1%	1%	1%	2%	2%
grade 4 events	216	195	295	237	582	443
	1%	1%	1%	1%	2%	2%
grade 5 events	596	618	1176	691	1508	870
	3%	3%	4%	3%	6%	4%
grade 6 events	362	319	6036	378	5363	1090
	2%	1%	21%	2%	24%	5%
grade 7 events	14479	13920	11466	15158	11040	16052
	84%	84%	41%	84%	49%	75%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-235678	ACIS-235678	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	1/2	1/2
Pointing RA	26.207049	26.22678569531647	Subarray start row	0	257
Pointing Dec	-3.746042	-3.764901883814328	Subarray row count	1024	512
Pointing Roll	285.198067	285.3560090381256	Alternating exposures requested	N	N
SIM focus pos (mm)	-0.684267	-0.6828225247311905	Primary exposure time	0.000000	1.8
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1425803651734			
SIM translation stage offset (mm)	0	0.01005778216563158			
Observation start time	129456583.184000	129455996.86668			
Observation start date	2002-02-07T08:08:39	2002-02-07T07:59:56			
Observation end time	129461583.184000	129462058.71693			
Observation end date	2002-02-07T09:31:59	2002-02-07T09:40:58			
Read mode	TIMED	TIMED			

2.3 Aspect



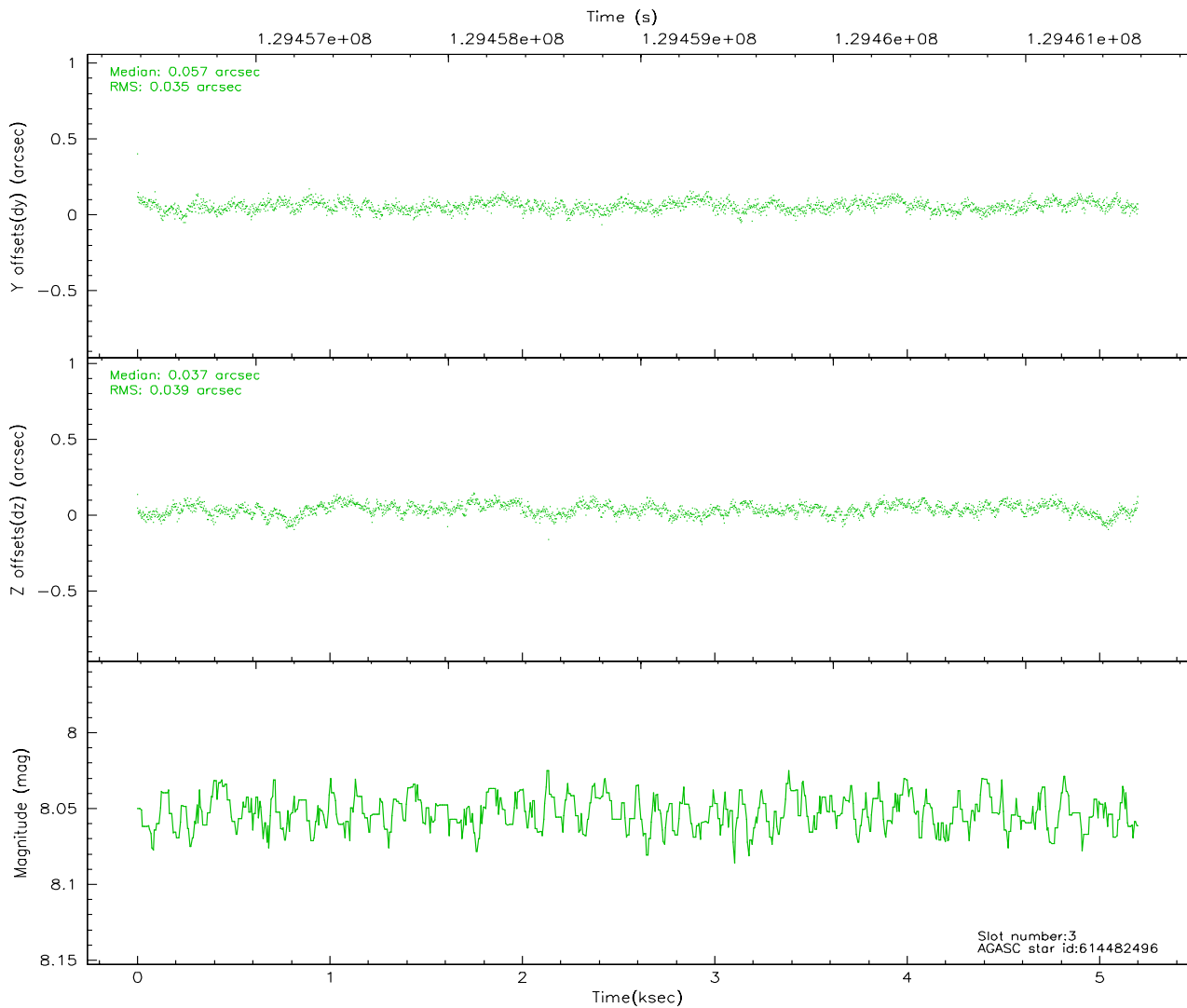
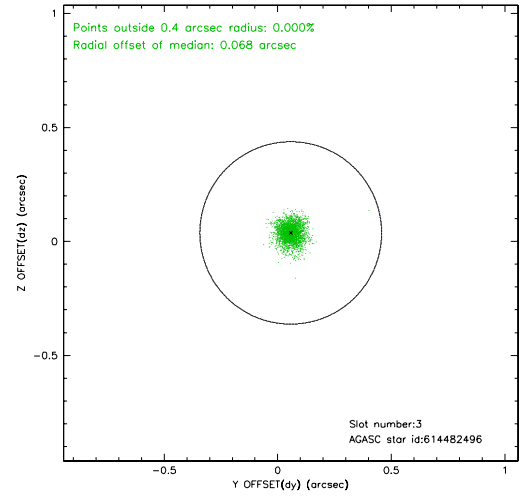
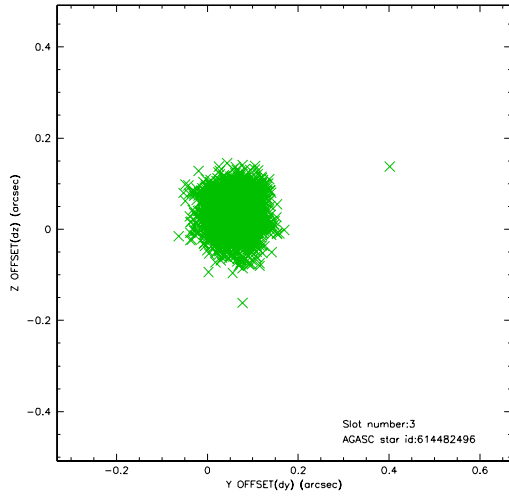


Slot Statistics

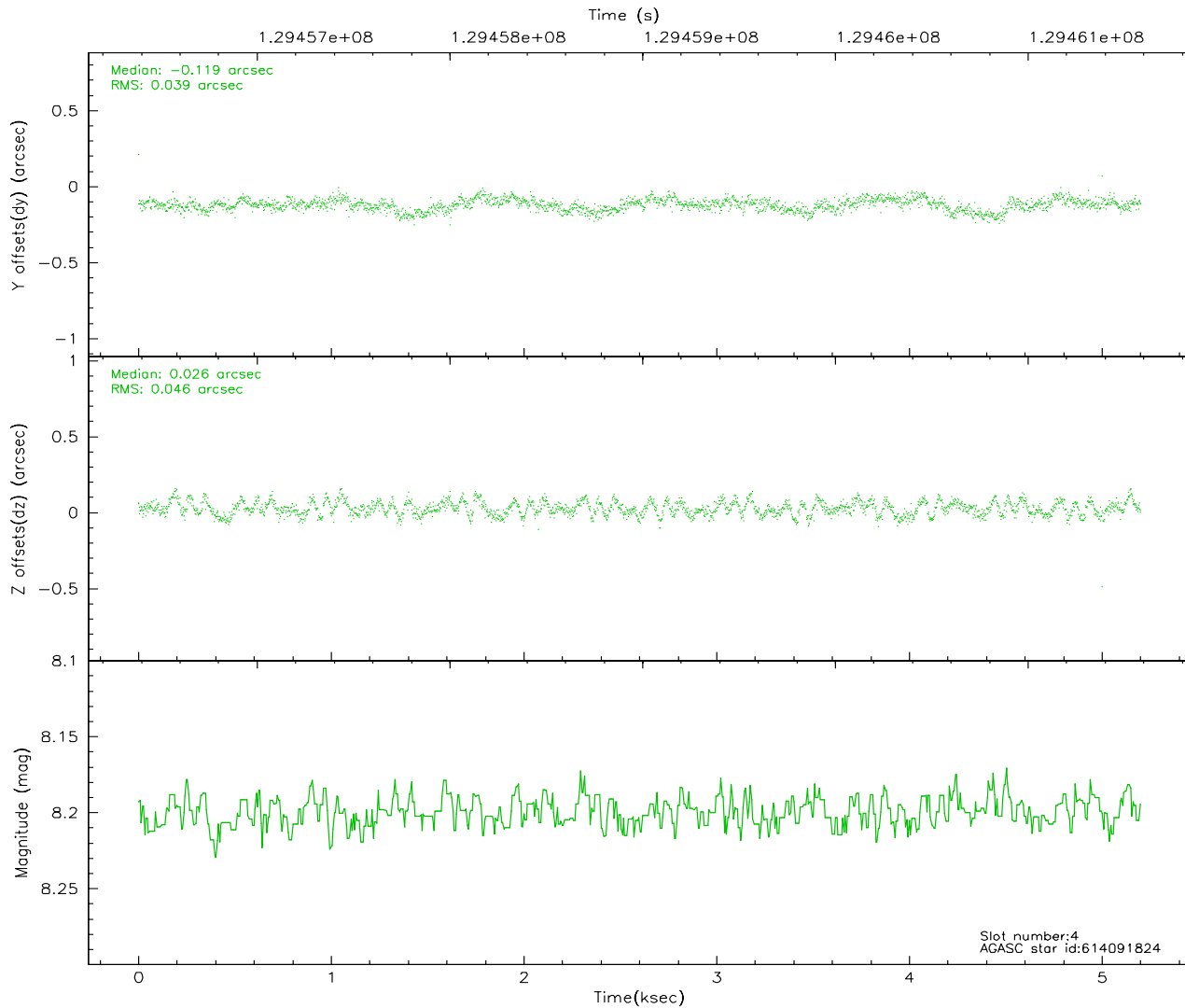
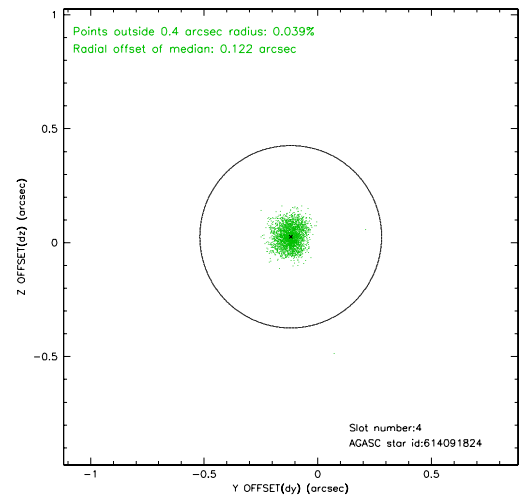
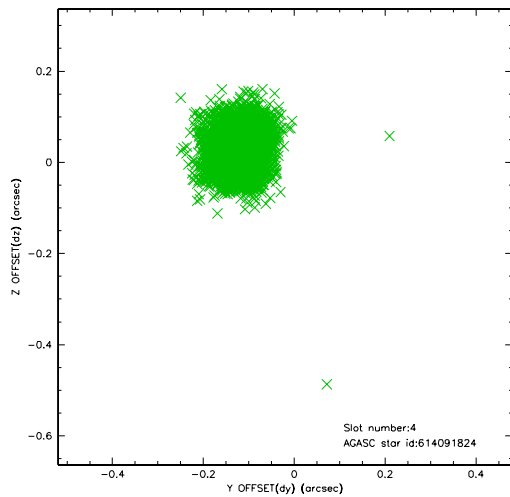
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-3	7.36	1269	-0.077	0.000	0.007	0.011	0.000000	0.000000	57.32	-1858.72
1	FID	ACIS-S-4	7.20	1269	-0.035	0.041	0.005	0.009	0.000000	0.000000	2157.60	177.51
2	FID	ACIS-S-5	7.24	1269	0.084	-0.031	0.006	0.011	0.000000	0.000000	-1807.02	172.62
3	GUIDE	614482496	8.05	2537	0.057	0.037	0.055	0.091	26.490453	-4.228669	1944.46	526.19
4	GUIDE	614091824	8.20	2538	-0.119	0.026	0.065	0.100	25.814046	-3.522871	-1143.70	-1152.45
5	GUIDE	614091272	8.40	2537	-0.187	-0.015	0.074	0.123	25.586662	-3.424551	-1700.36	-1849.24
6	GUIDE	614345376	9.29	2537	0.128	-0.029	0.089	0.145	25.702118	-4.344424	1604.71	-2315.06
7	GUIDE	614345176	9.75	2536	0.125	-0.008	0.097	0.159	25.877982	-4.292809	1591.74	-1657.13

2.4 Star Slots

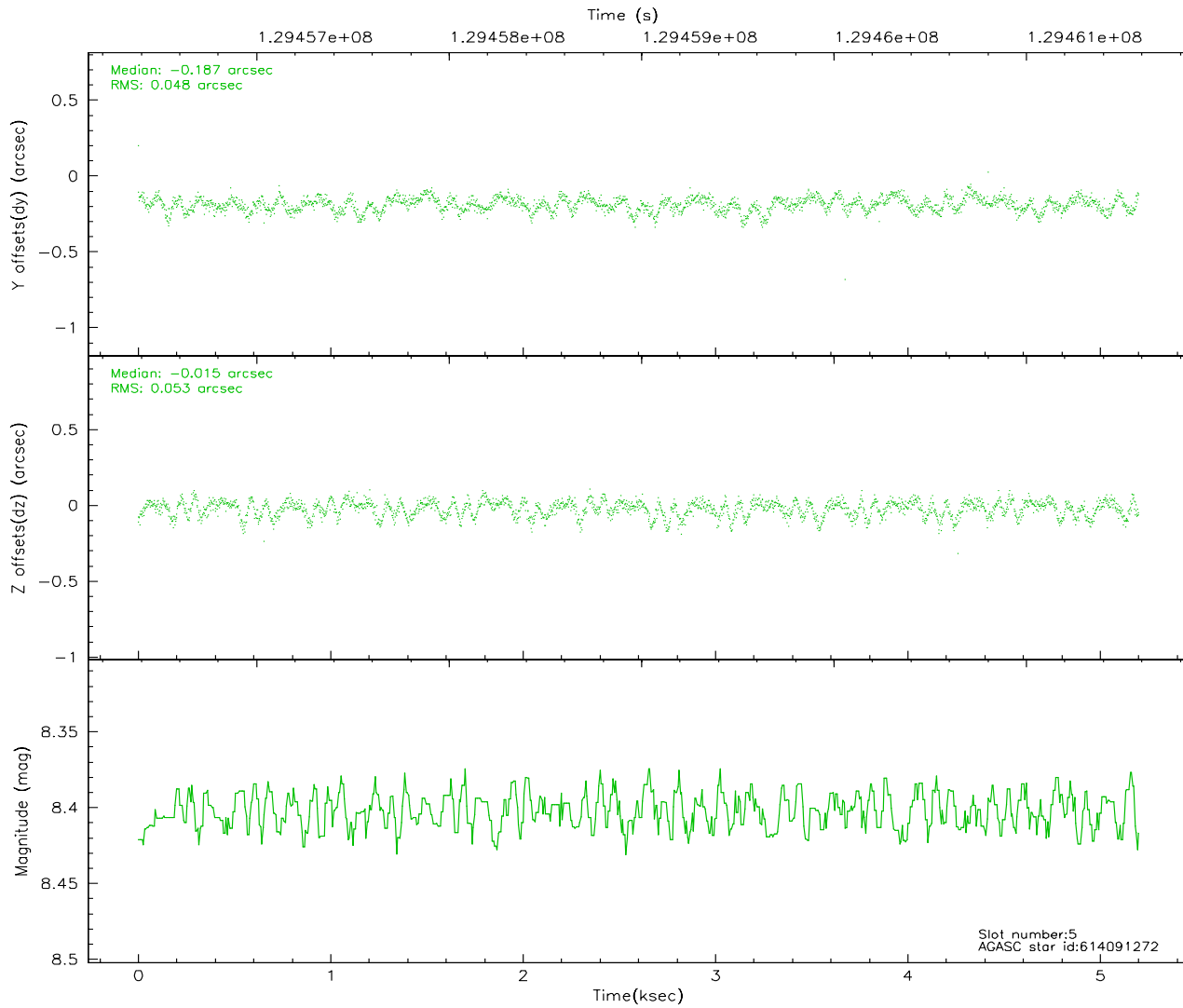
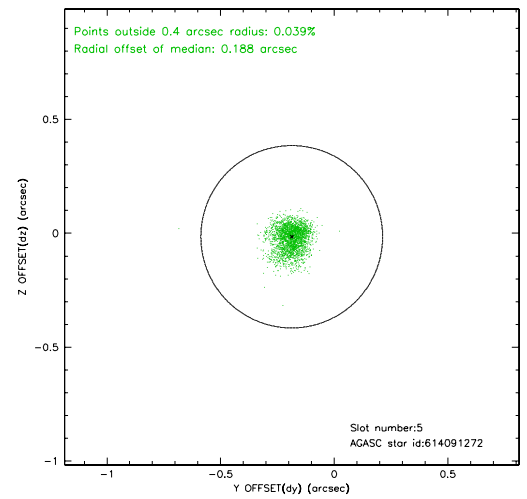
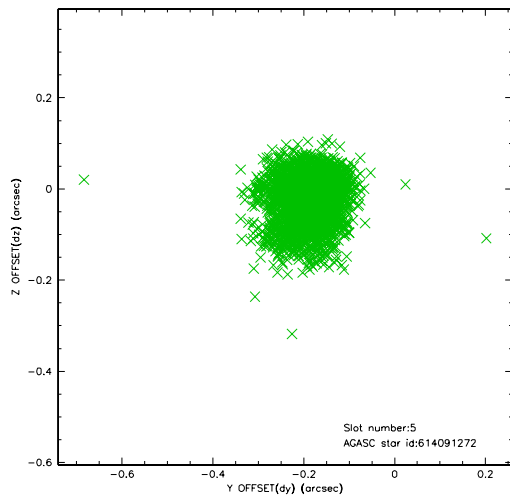
2.4.1 Slot 3



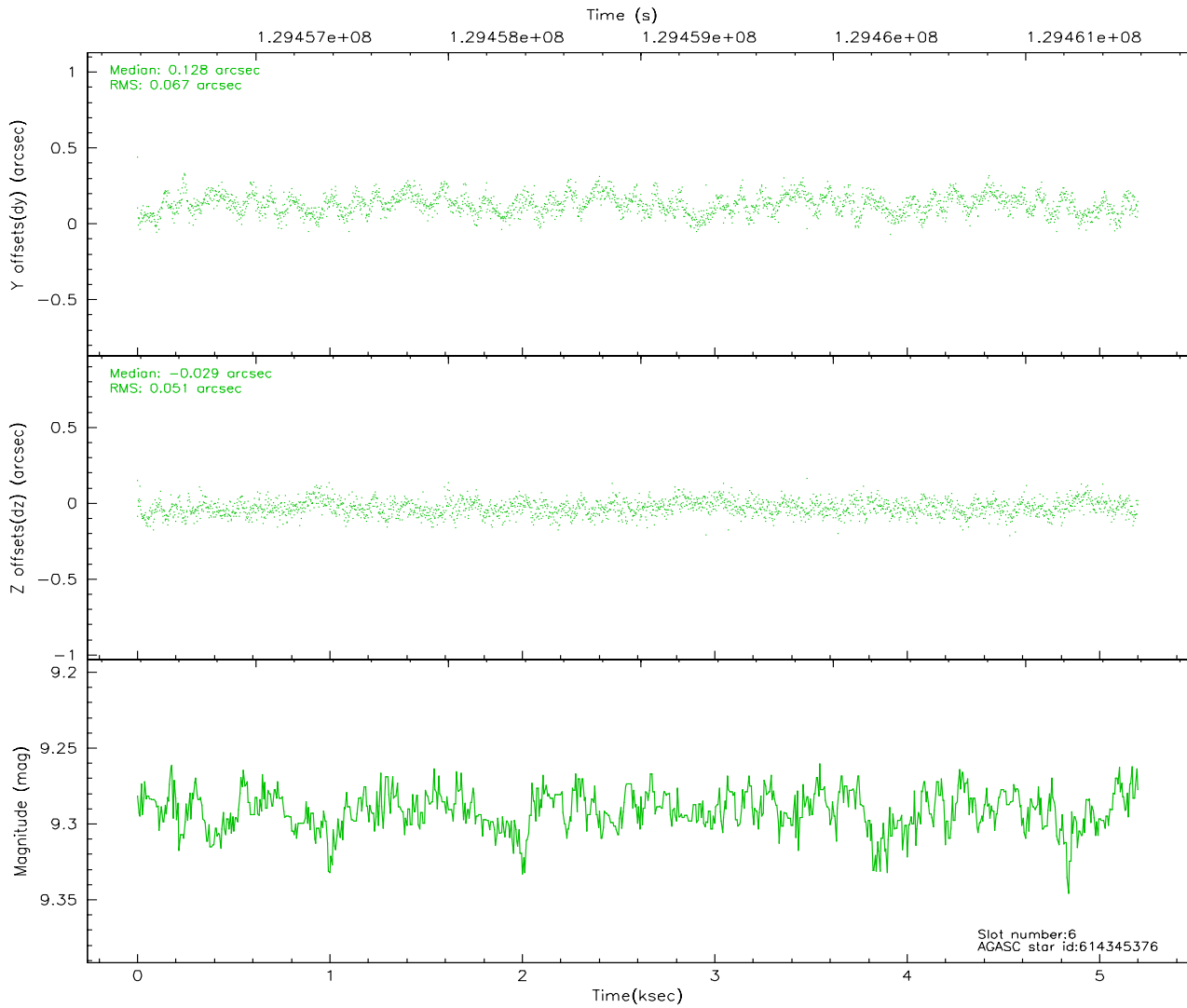
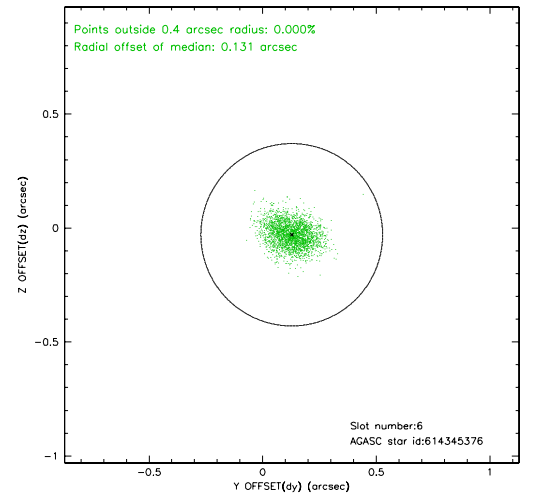
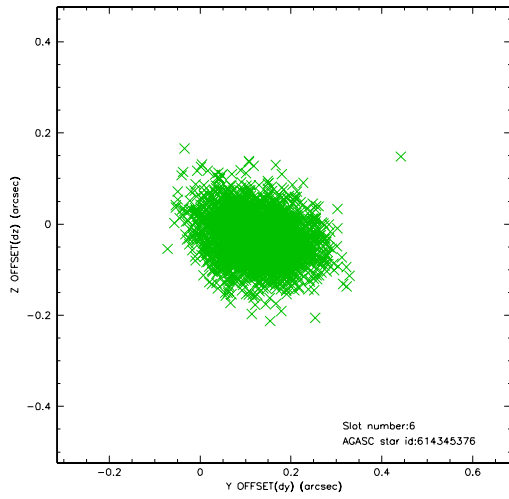
2.4.2 Slot 4



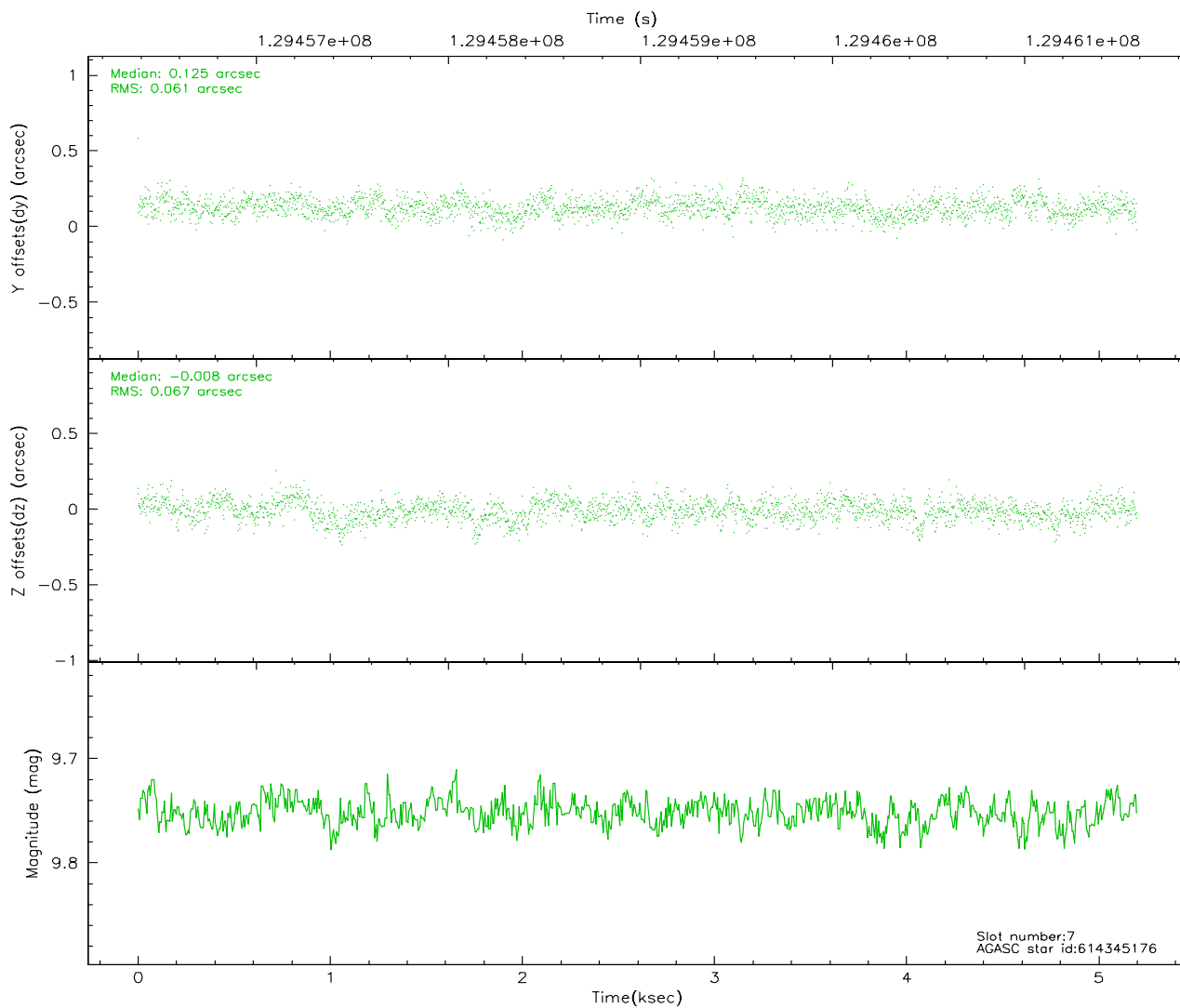
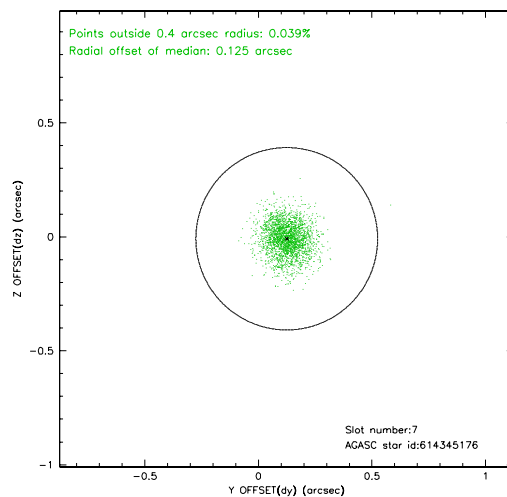
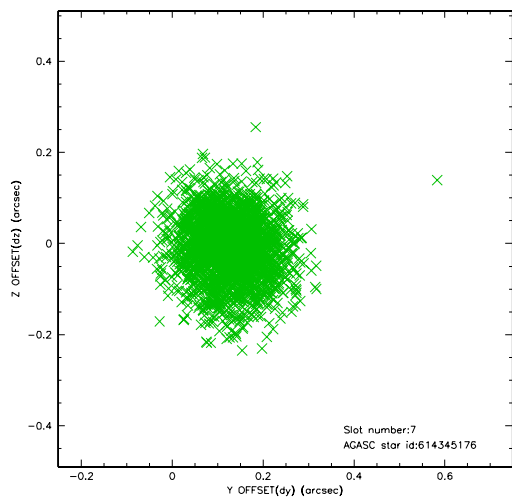
2.4.3 Slot 5



2.4.4 Slot 6

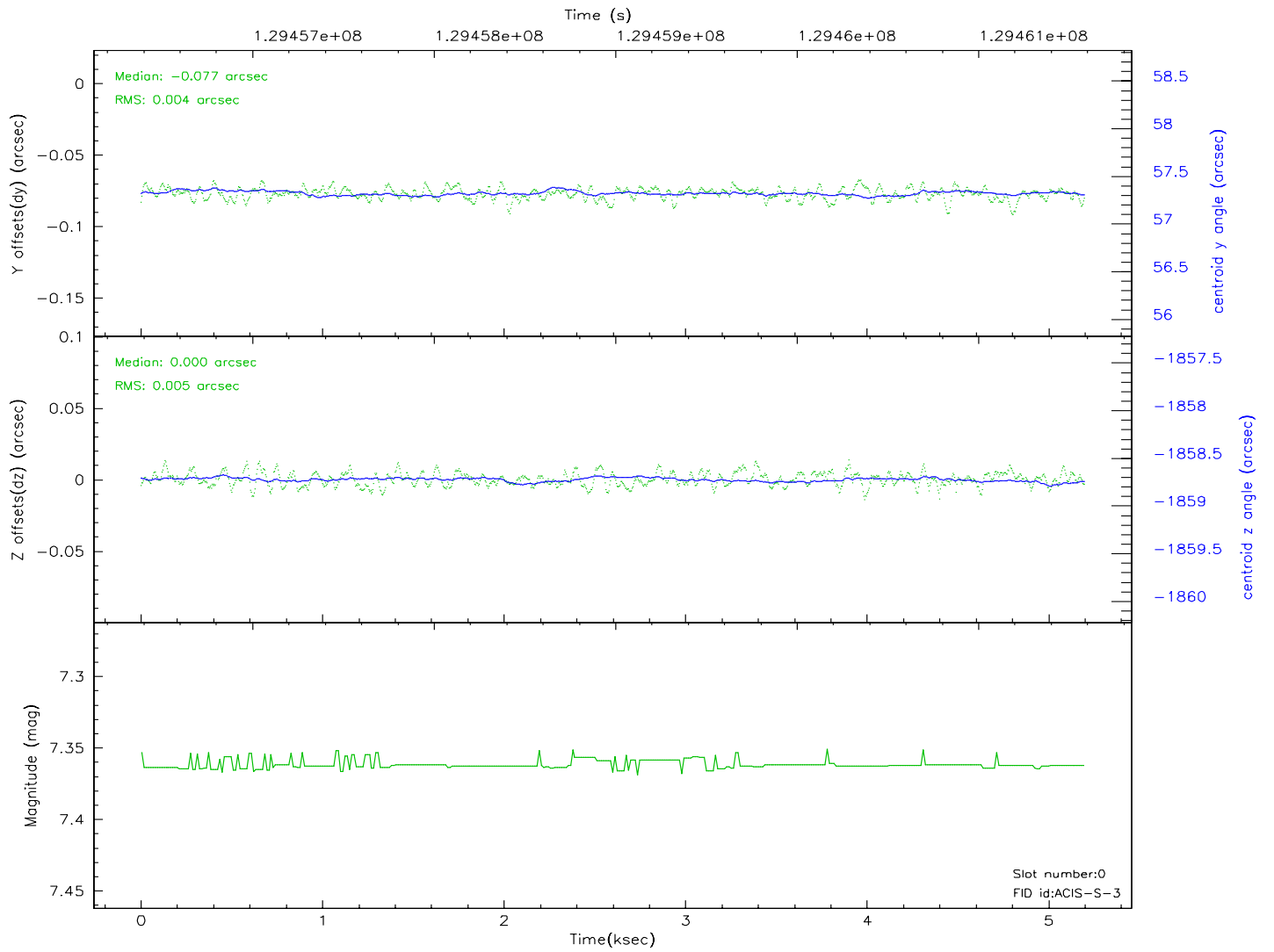
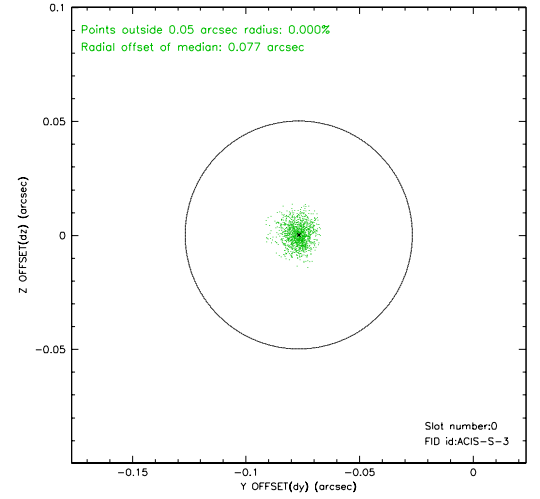


2.4.5 Slot 7

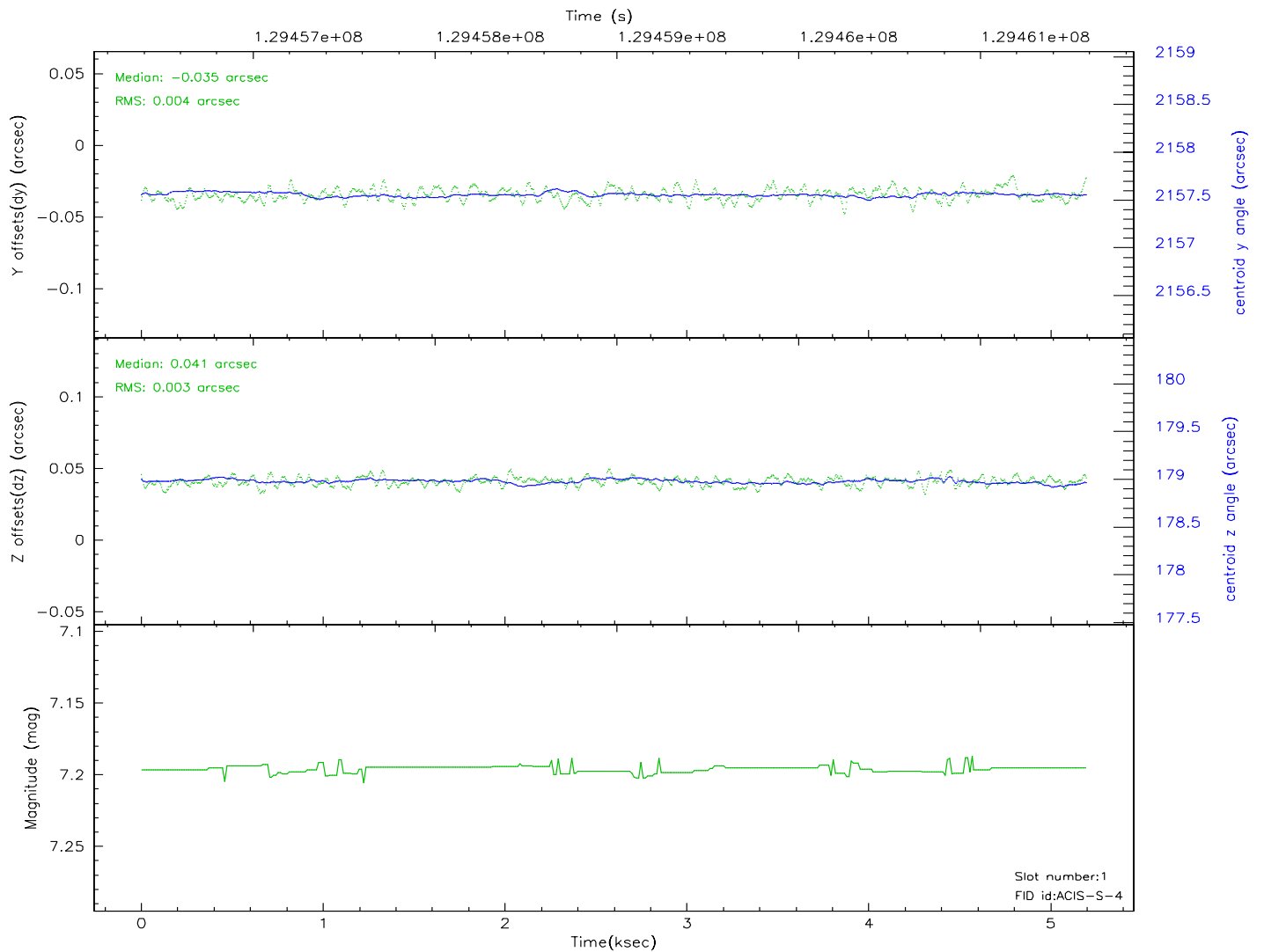
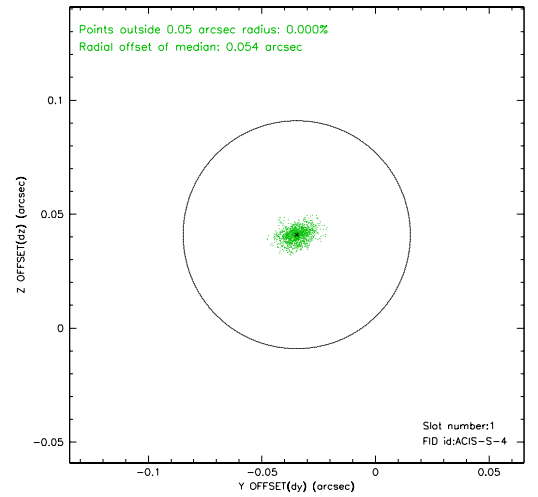
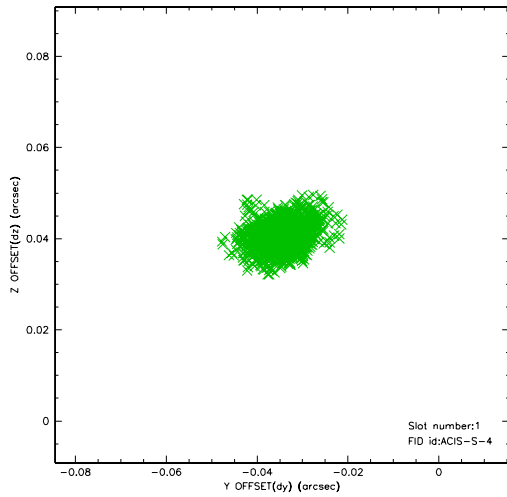


2.5 FID Slots

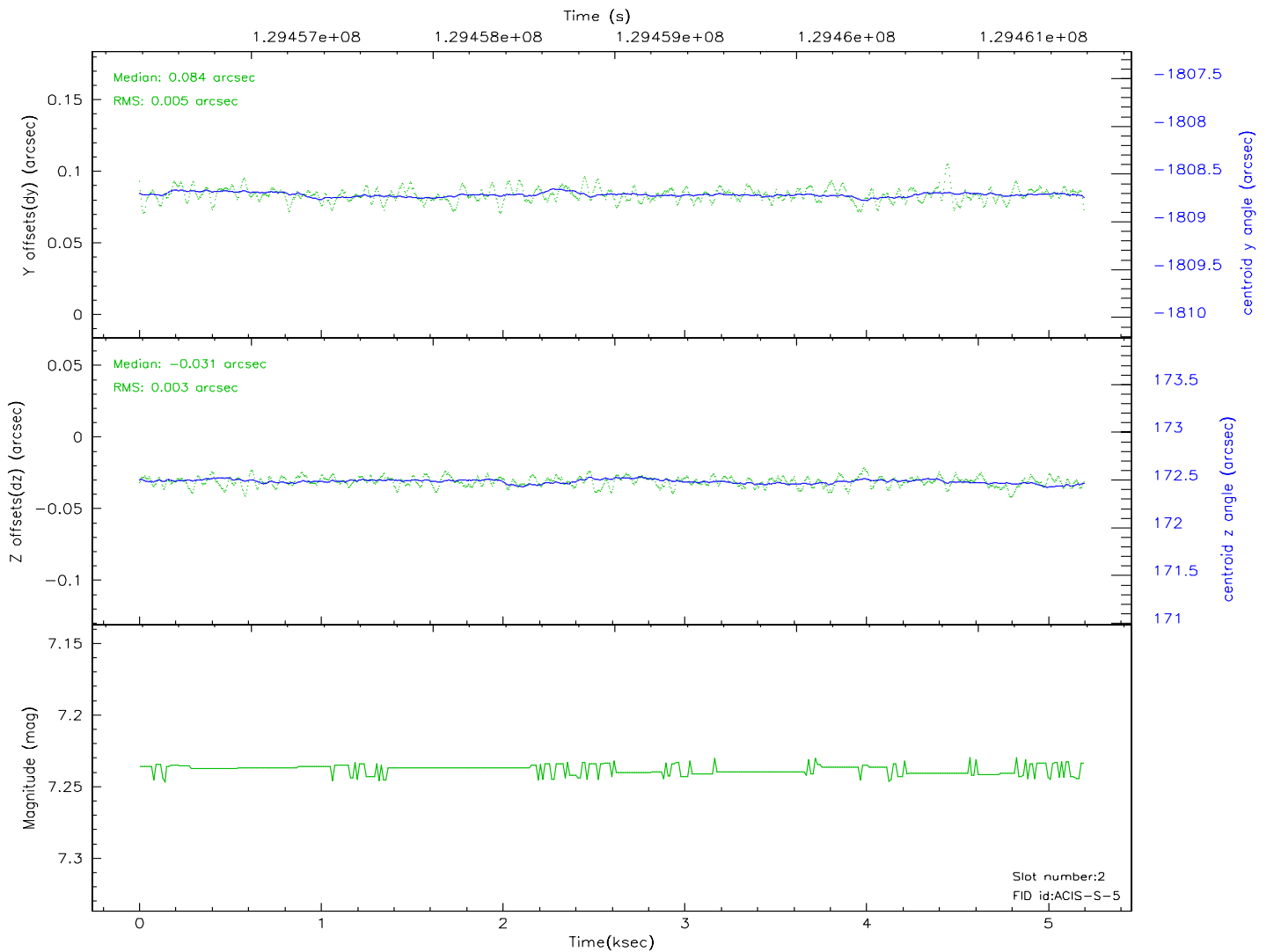
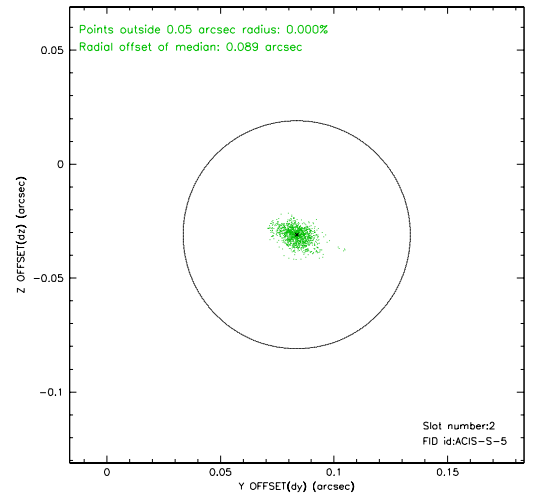
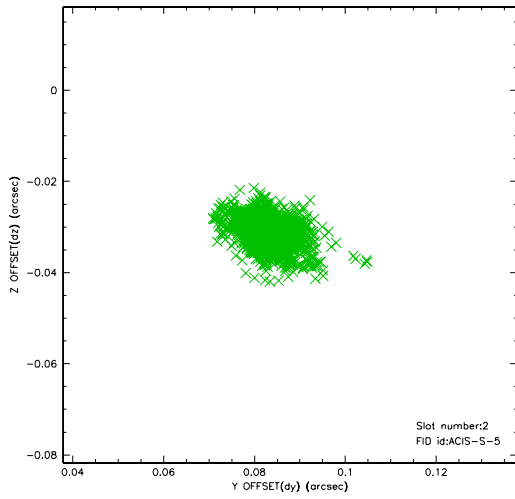
2.5.1 Slot 0



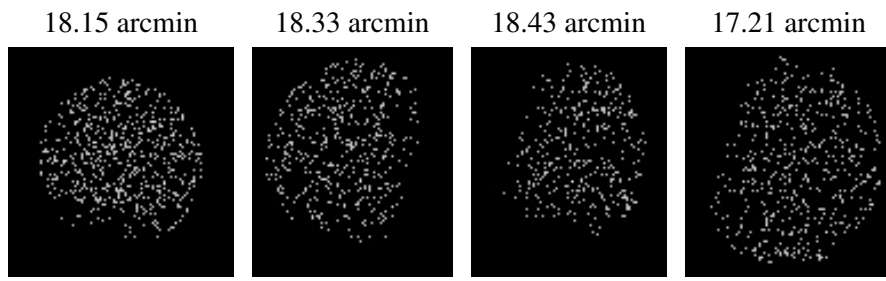
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.08.31
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.76

A.2 Comments