

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 5954 - L2 Version 3
Chandra X-Ray Center

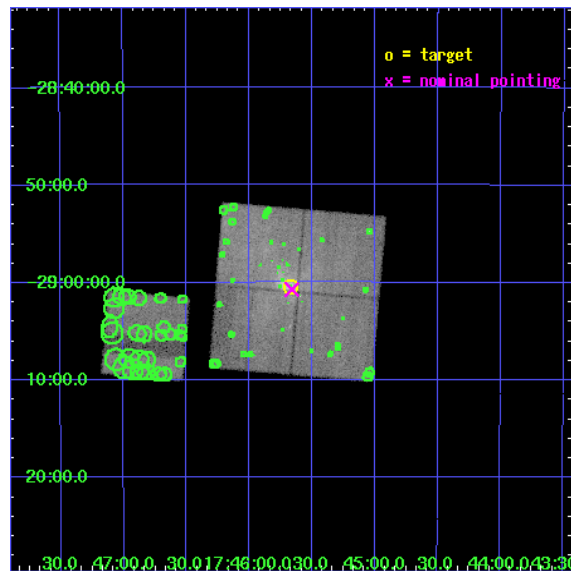
L2 Processing Date : Jan 14 2009

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1 Front

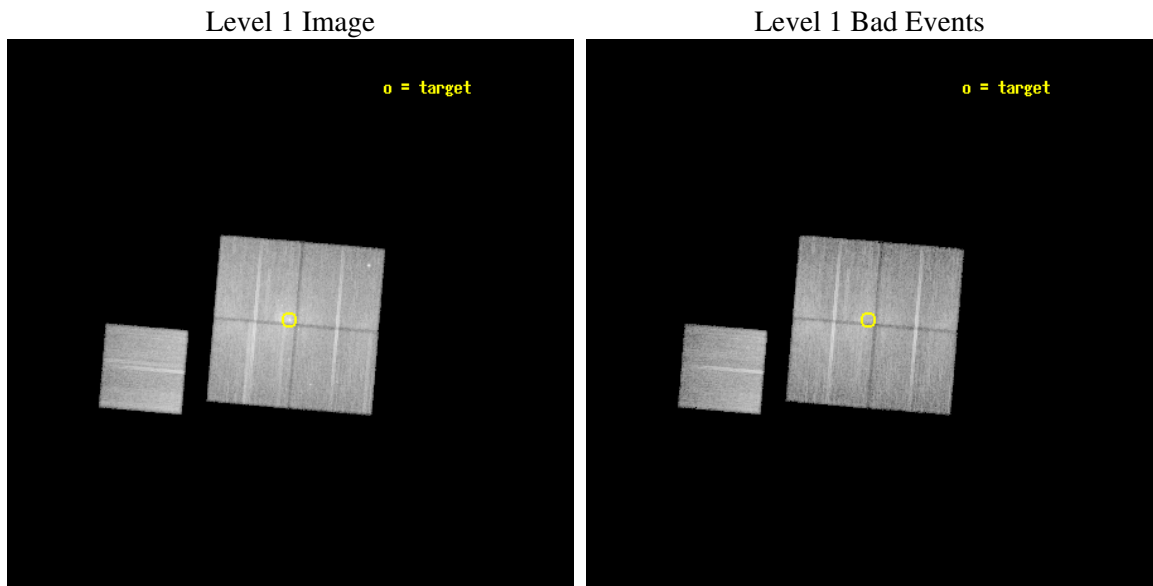
seq_num	600473
obs_id	5954
title	Simultaneous Gamma-Ray to Sub-Millimeter Monitoring of Sagittarius A*
observer	Dr. Frederick Baganoff
object	Sgr A*
dtcycle	0
cycle	P
ra_targ	266.416667
dec_targ	-29.007778
ra_nom	266.41502256119
dec_nom	-29.012148895004
roll_nom	274.86092672175
revision	3
ontime	18308.599964797
livetime	18069.384627662
ontime0	18305.458984524
ontime1	18308.599964797
ontime2	18302.318073899
ontime3	18308.599964797
ontime6	18308.599964797
l2events	265537



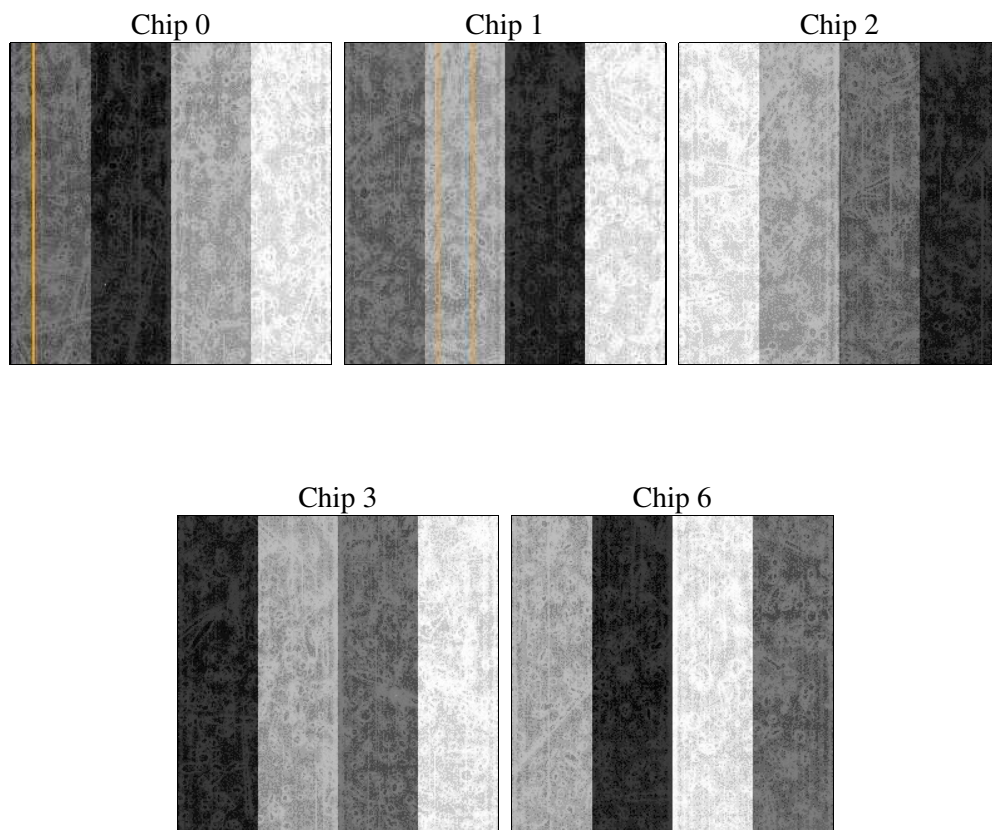
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.11.10
caldsver	3.5.1
date	2009-01-14T03:57:44
revision	3

sched_exp_time	46500.000000
ontime	18308.599964797
ontime0	18305.458984524
ontime1	18308.599964797
ontime2	18302.318073899
ontime3	18308.599964797
ontime6	18308.599964797
l1events	1185330

2.1.4 Events

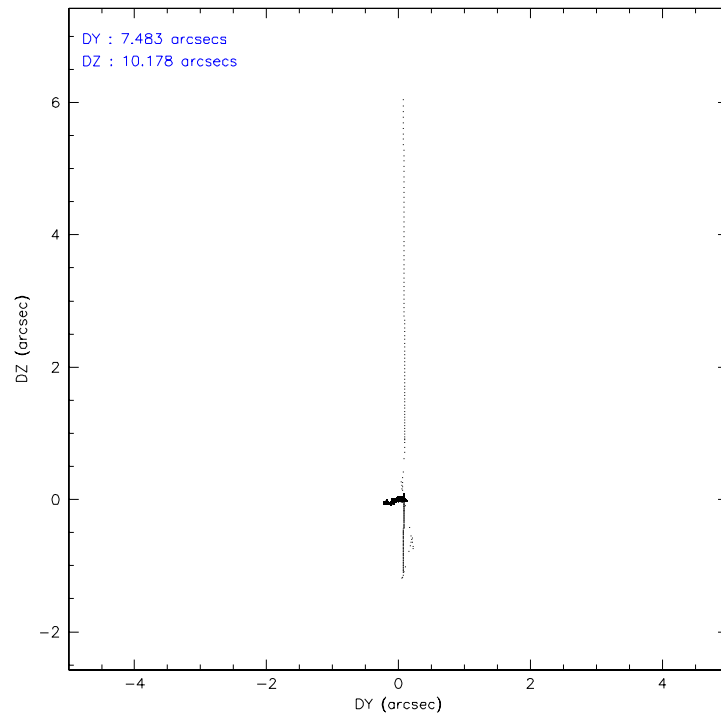
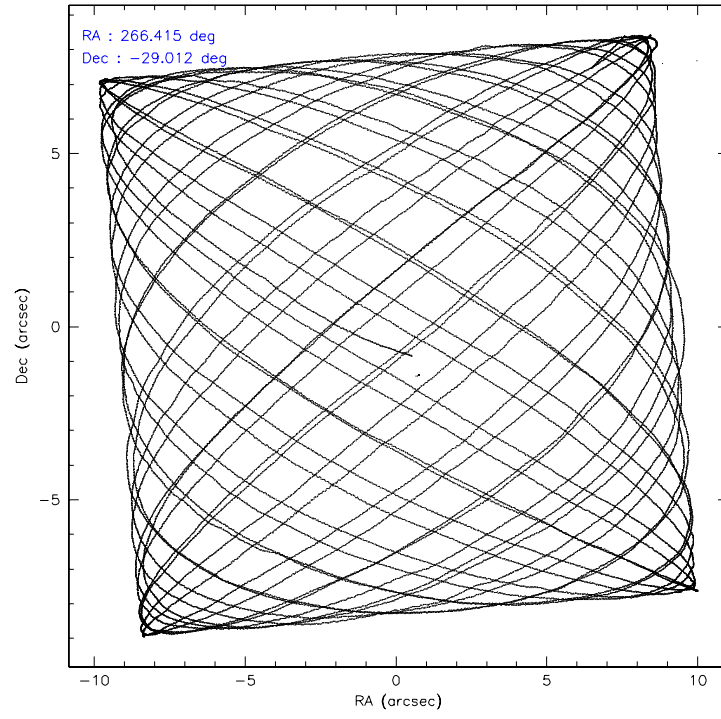
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	211789	217233	258301	261444	236563
rejected events	152494	156798	192482	182840	187523
rejected %	72%	72%	74%	69%	79%

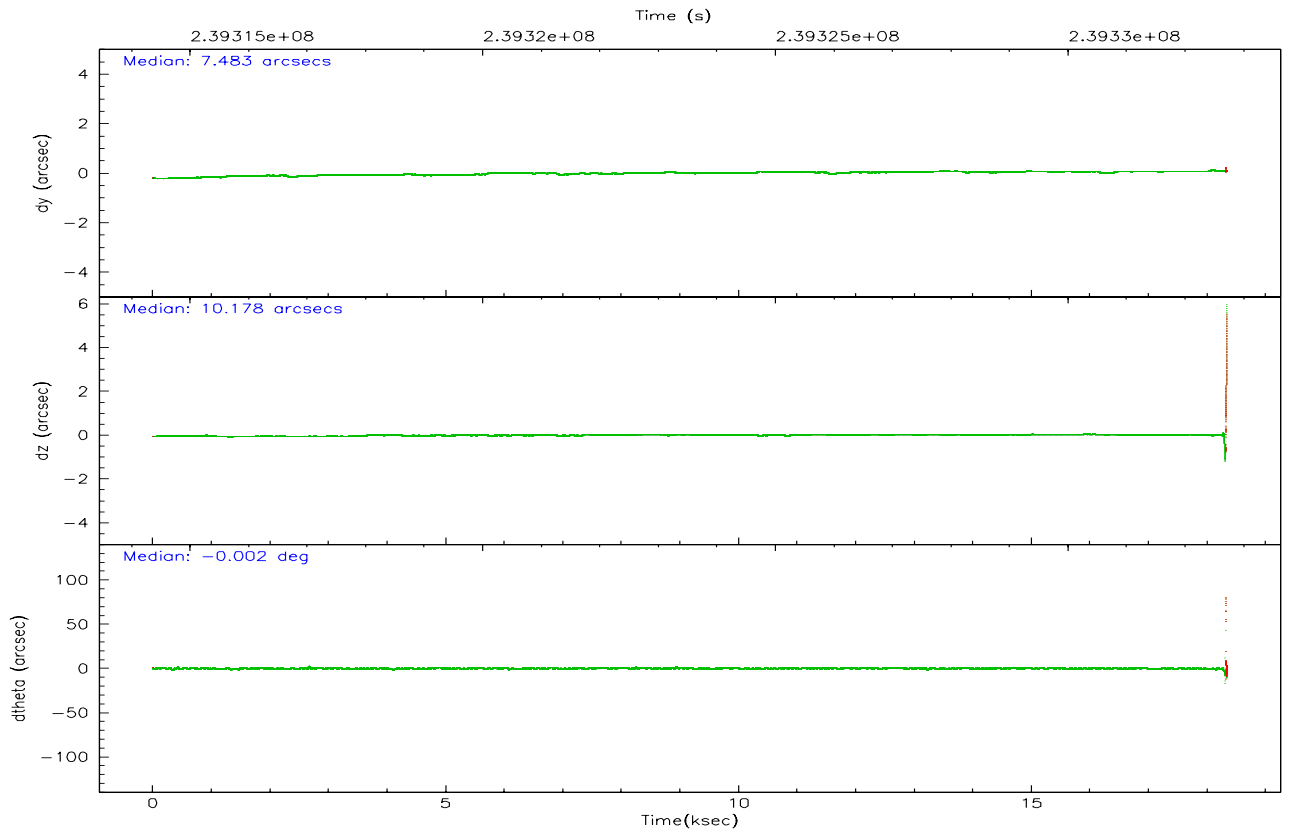
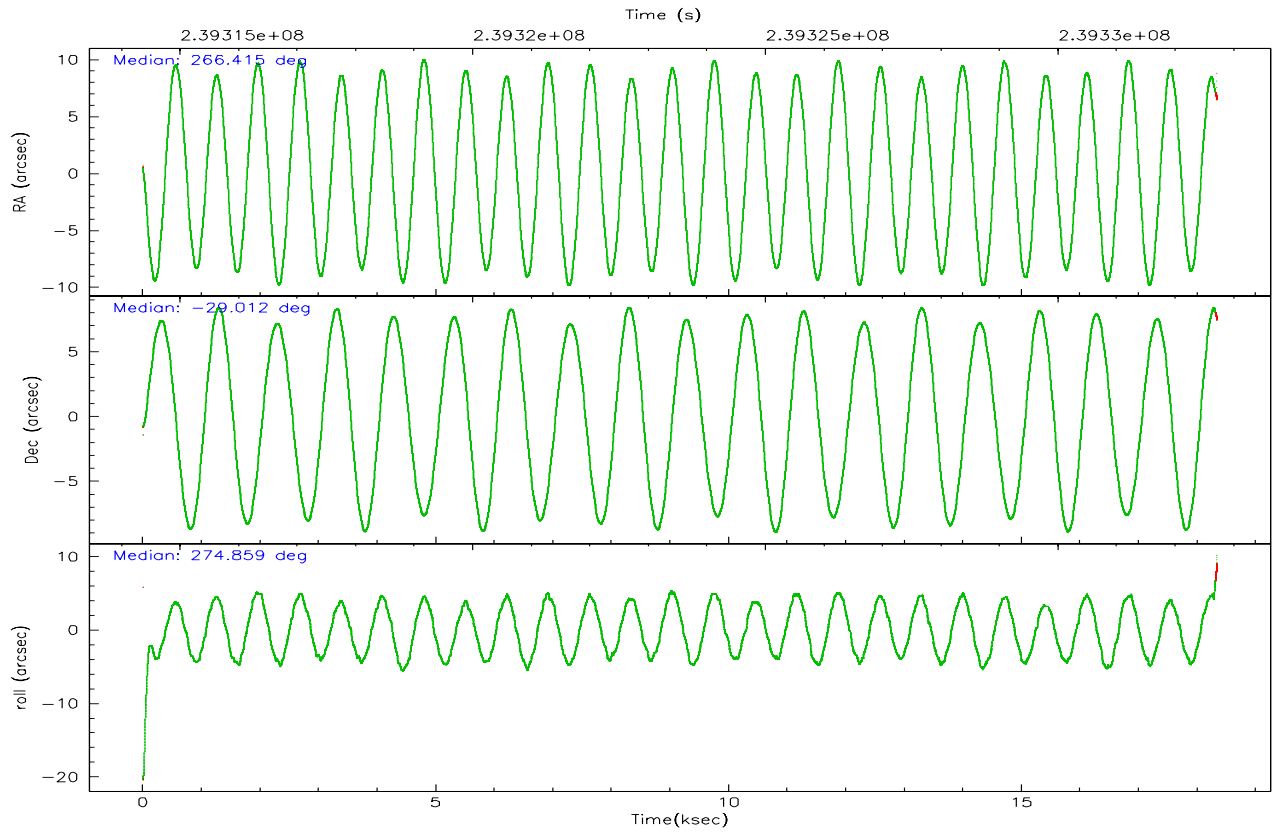
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	27554	24833	33819	40342	20858
	13%	11%	13%	15%	8%
grade 1 events	236	176	301	301	166
	0%	0%	0%	0%	0%
grade 2 events	16873	18697	16520	20102	16611
	7%	8%	6%	7%	7%
grade 3 events	2668	3006	2655	3568	2040
	1%	1%	1%	1%	0%
grade 4 events	2651	2718	4389	3778	2099
	1%	1%	1%	1%	0%
grade 5 events	5758	6147	5699	6621	6368
	2%	2%	2%	2%	2%
grade 6 events	11246	12796	10270	12559	9015
	5%	5%	3%	4%	3%
grade 7 events	144803	148860	184648	174173	179406
	68%	68%	71%	66%	75%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-01236	ACIS-01236	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	NONE	NONE
Pointing RA	266.397025	266.4150225611862	Alternating exposures requested	N	N
Pointing Dec	-28.989771	-29.01214889500363	Primary exposure time	0.000000	3.1
Pointing Roll	274.643525	274.860926721747			
Window start time	239310904.184000	239310904.184000			
Window stop time	239359924.184000	239359924.184000			
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-233.592463	-233.5874344608287			
SIM translation stage offset (mm)	0	-0.005018542100998502			
Observation start time	239314565.184000	239313253.27281			
Observation start date	2005-08-01T20:15:01	2005-08-01T19:54:13			
Observation end time	239361065.184000	239332738.52371			
Observation end date	2005-08-02T09:10:01	2005-08-02T01:18:58			
Read mode	TIMED	TIMED			

2.3 Aspect



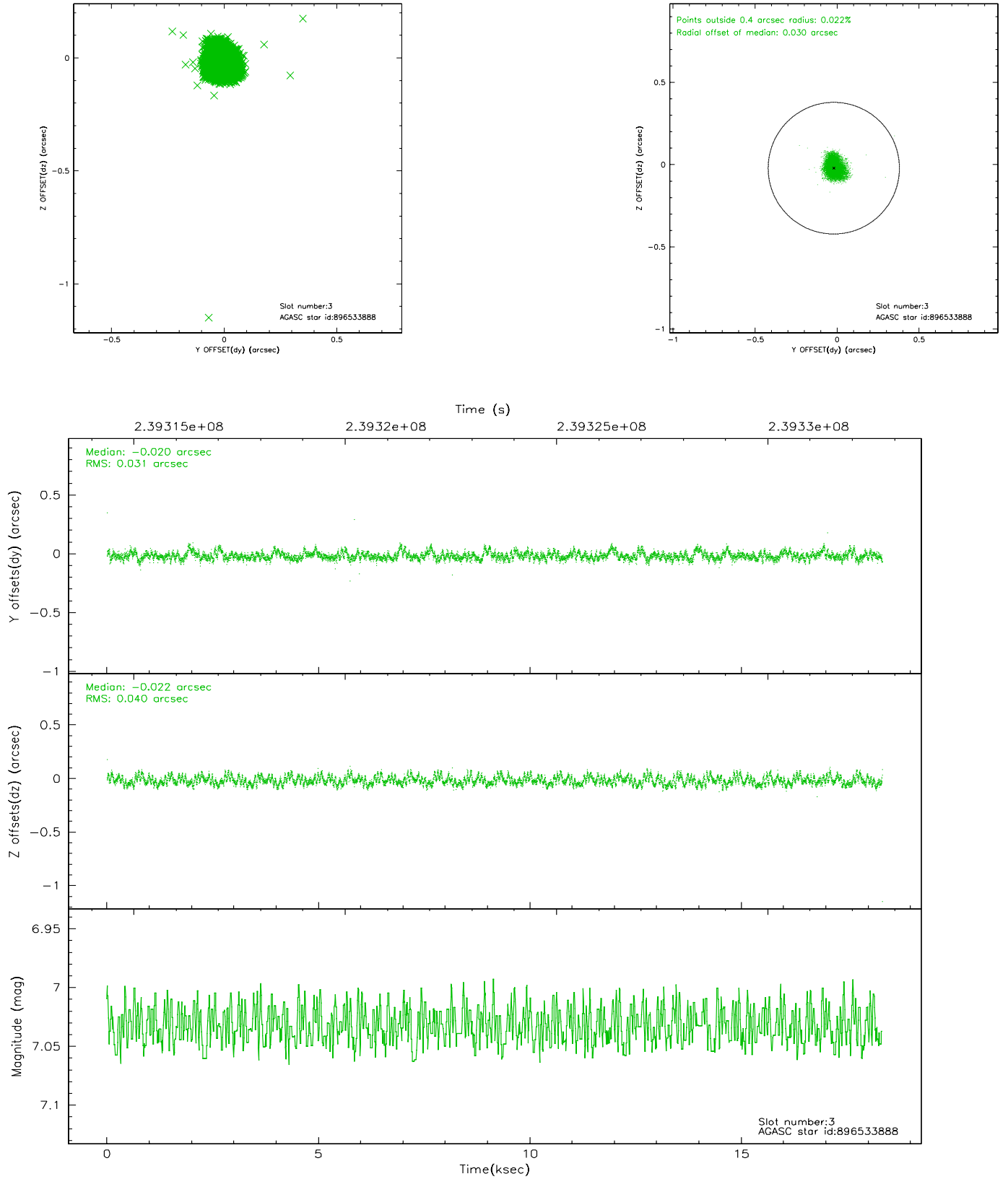


Slot Statistics

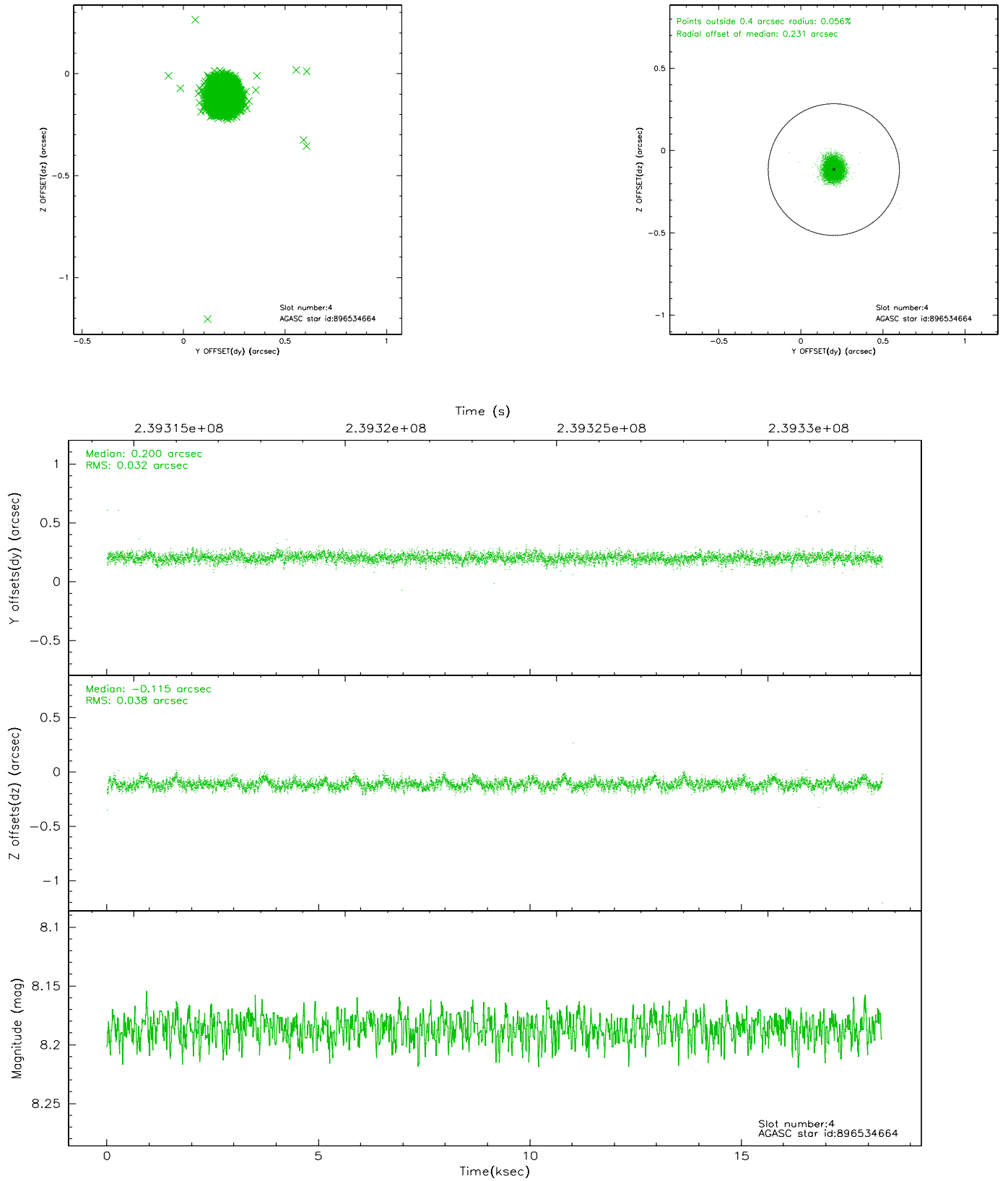
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	4466	-0.022	0.023	0.008	0.014	0.000000	0.000000	932.17	-833.63
1	FID	ACIS-I-4	7.18	4463	0.151	0.019	0.009	0.014	0.000000	0.000000	2152.53	1066.05
2	FID	ACIS-I-5	7.22	4465	-0.227	0.030	0.008	0.014	0.000000	0.000000	-1815.73	1064.20
3	GUIDE	896533888	7.03	8943	-0.020	-0.022	0.052	0.084	266.666434	-29.392757	1515.58	724.85
4	GUIDE	896534664	8.19	8942	0.200	-0.115	0.051	0.082	266.405570	-28.407461	-2086.62	196.65
5	GUIDE	896541360	7.72	8942	0.040	0.053	0.042	0.068	266.684478	-29.453744	1738.91	763.05
6	GUIDE	896541576	8.19	8938	-0.079	0.040	0.064	0.104	267.051055	-28.762912	-640.96	2123.06
7	GUIDE	896404568	7.86	8941	-0.145	0.041	0.063	0.095	265.687293	-28.431080	-2179.86	-2077.04

2.4 Star Slots

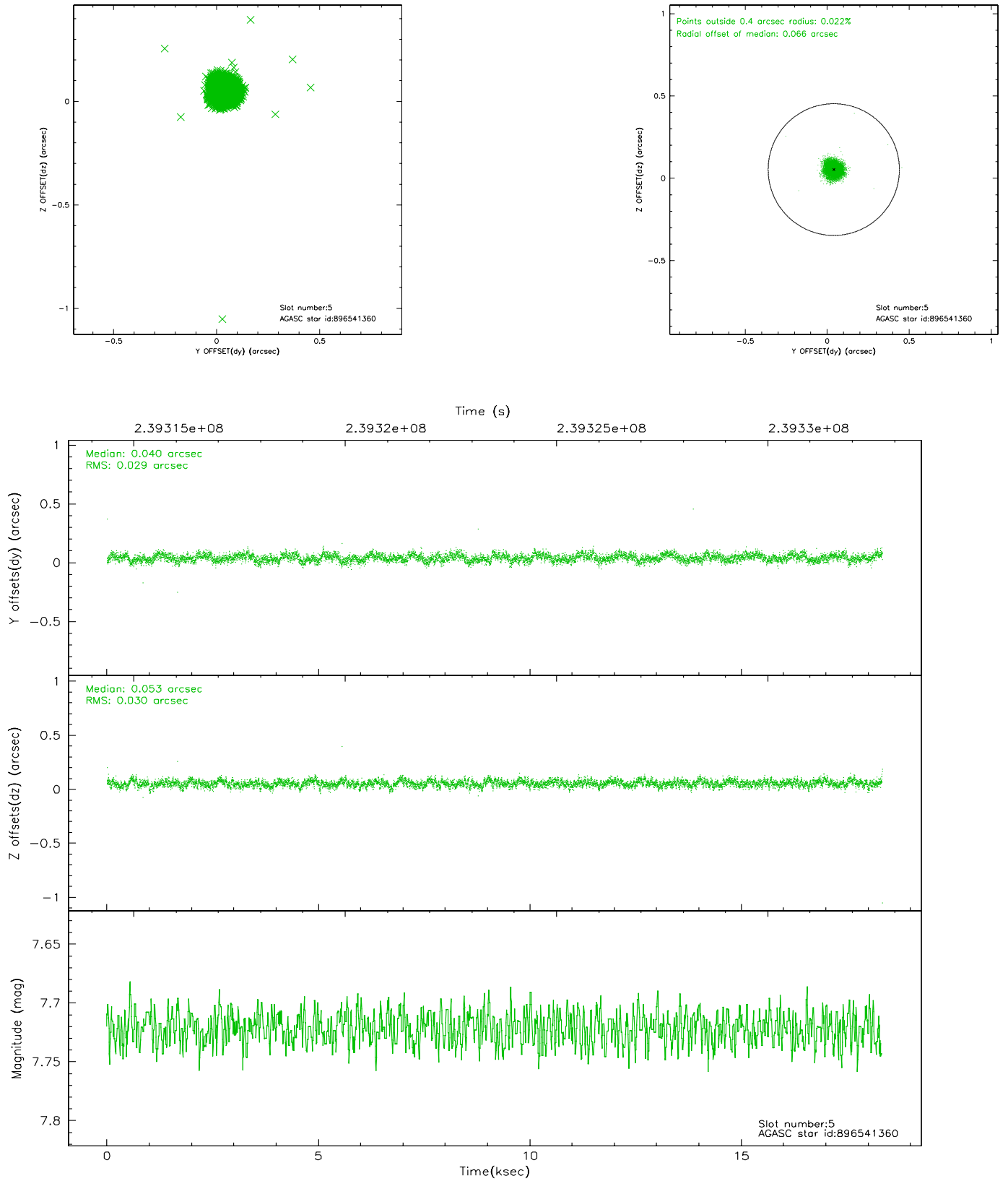
2.4.1 Slot 3



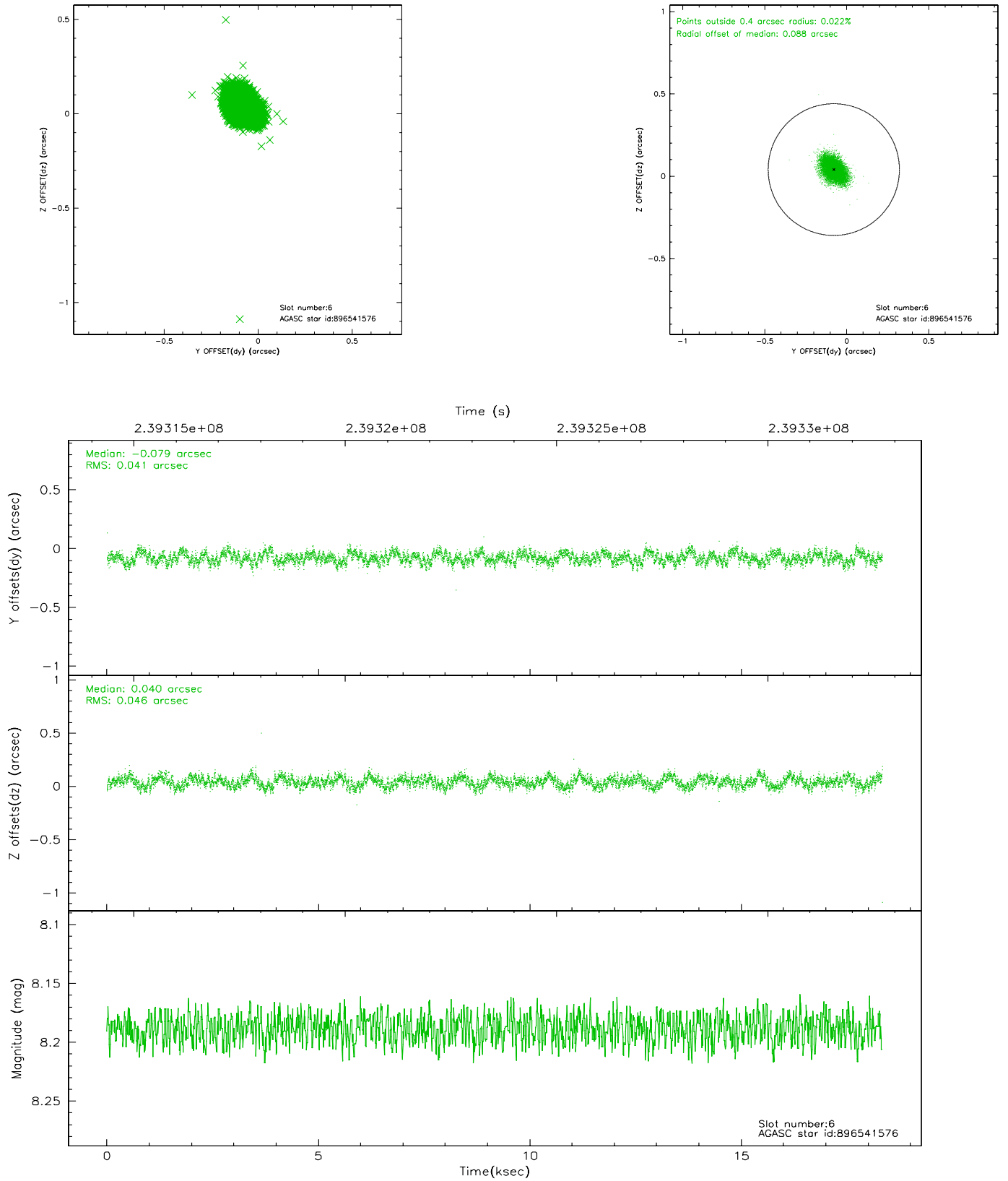
2.4.2 Slot 4



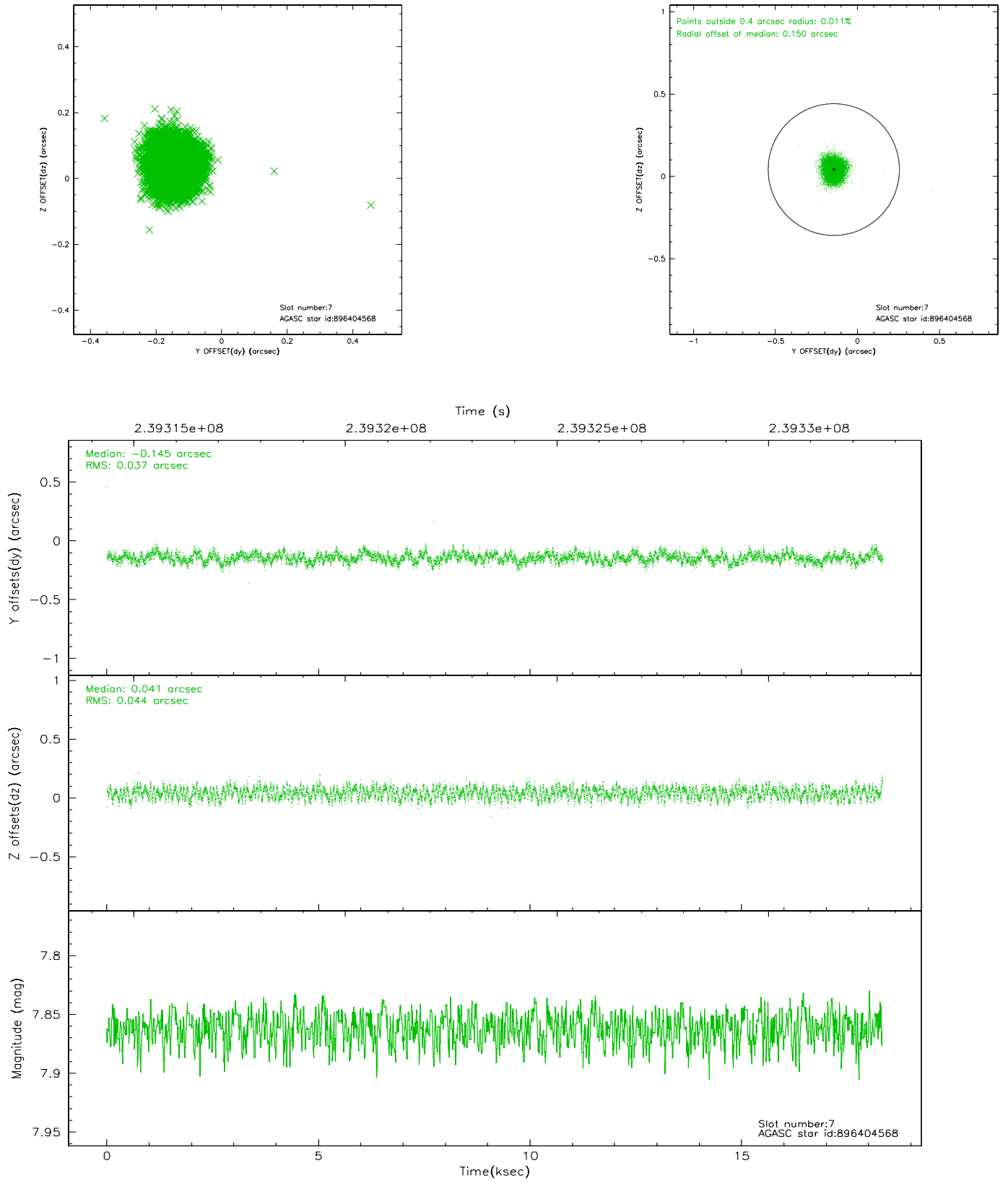
2.4.3 Slot 5



2.4.4 Slot 6

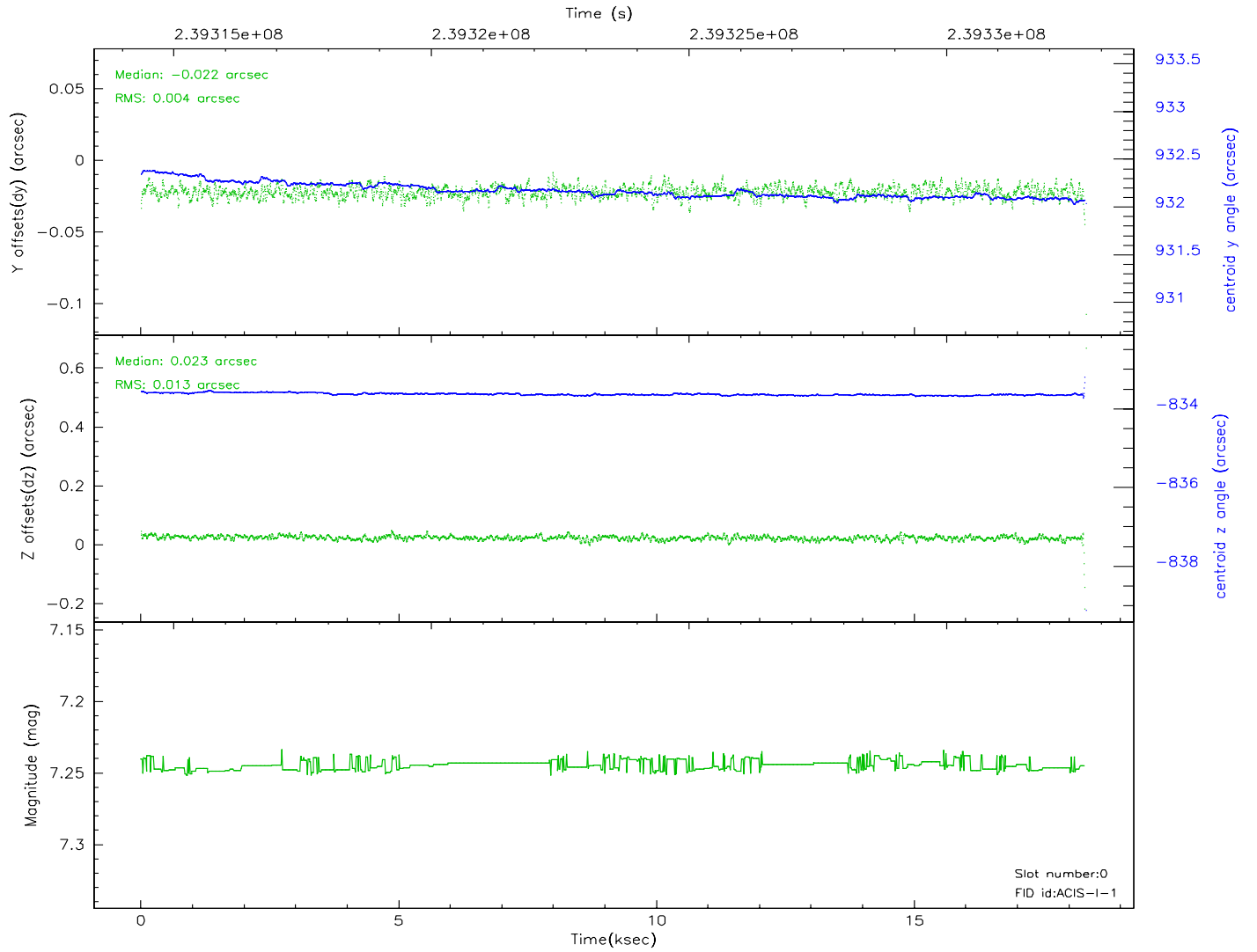
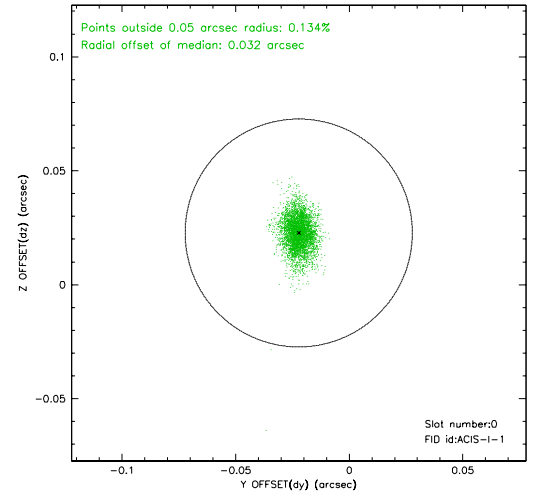
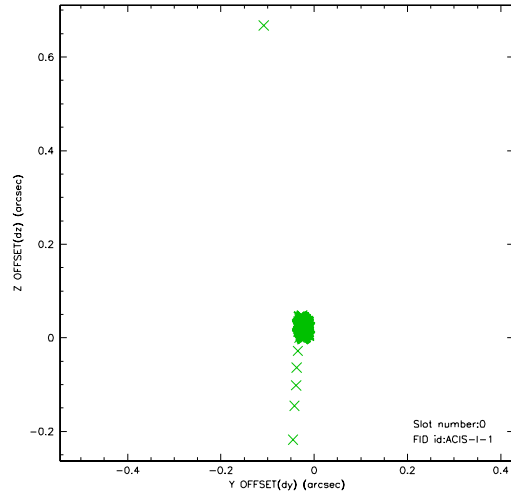


2.4.5 Slot 7

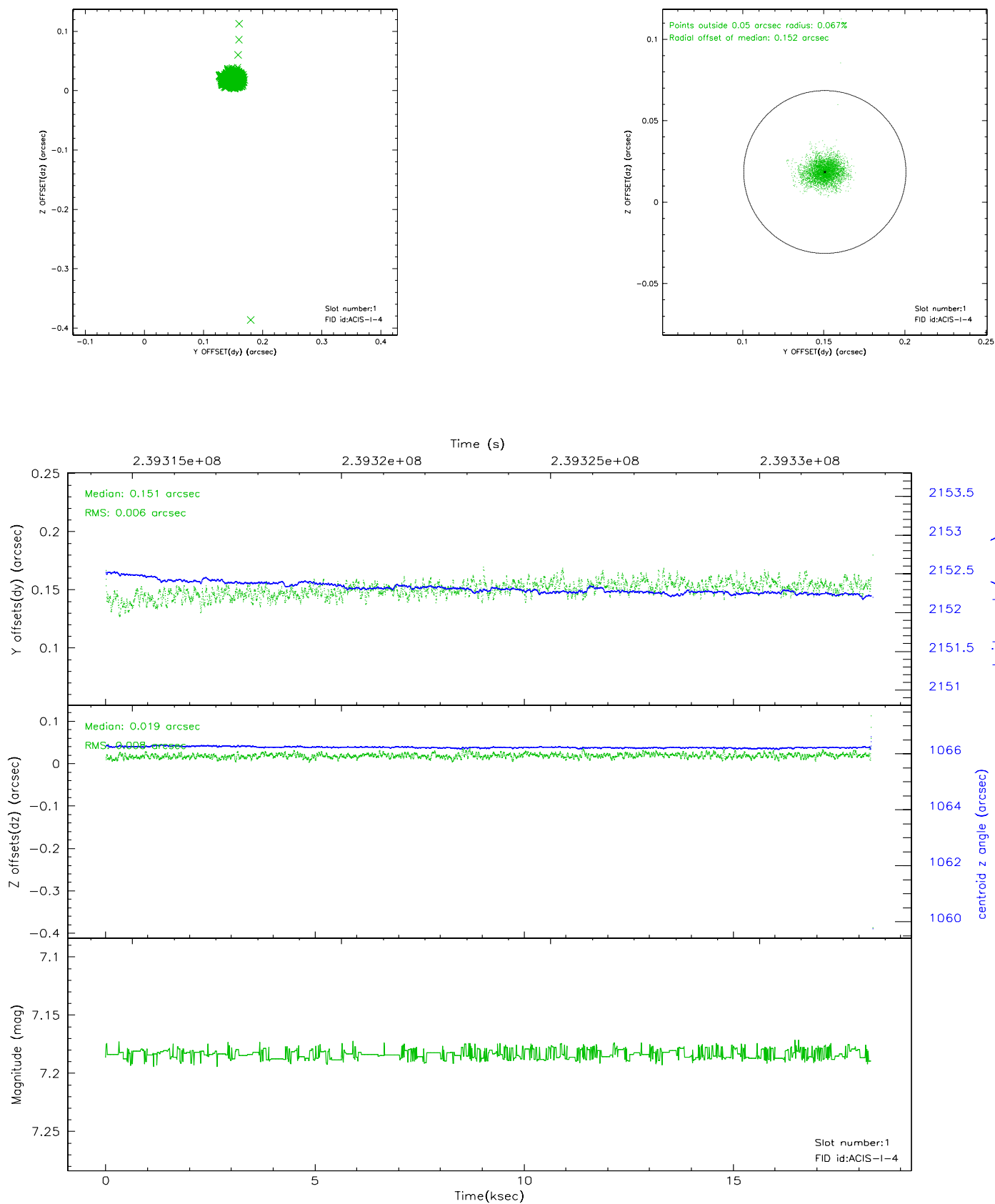


2.5 FID Slots

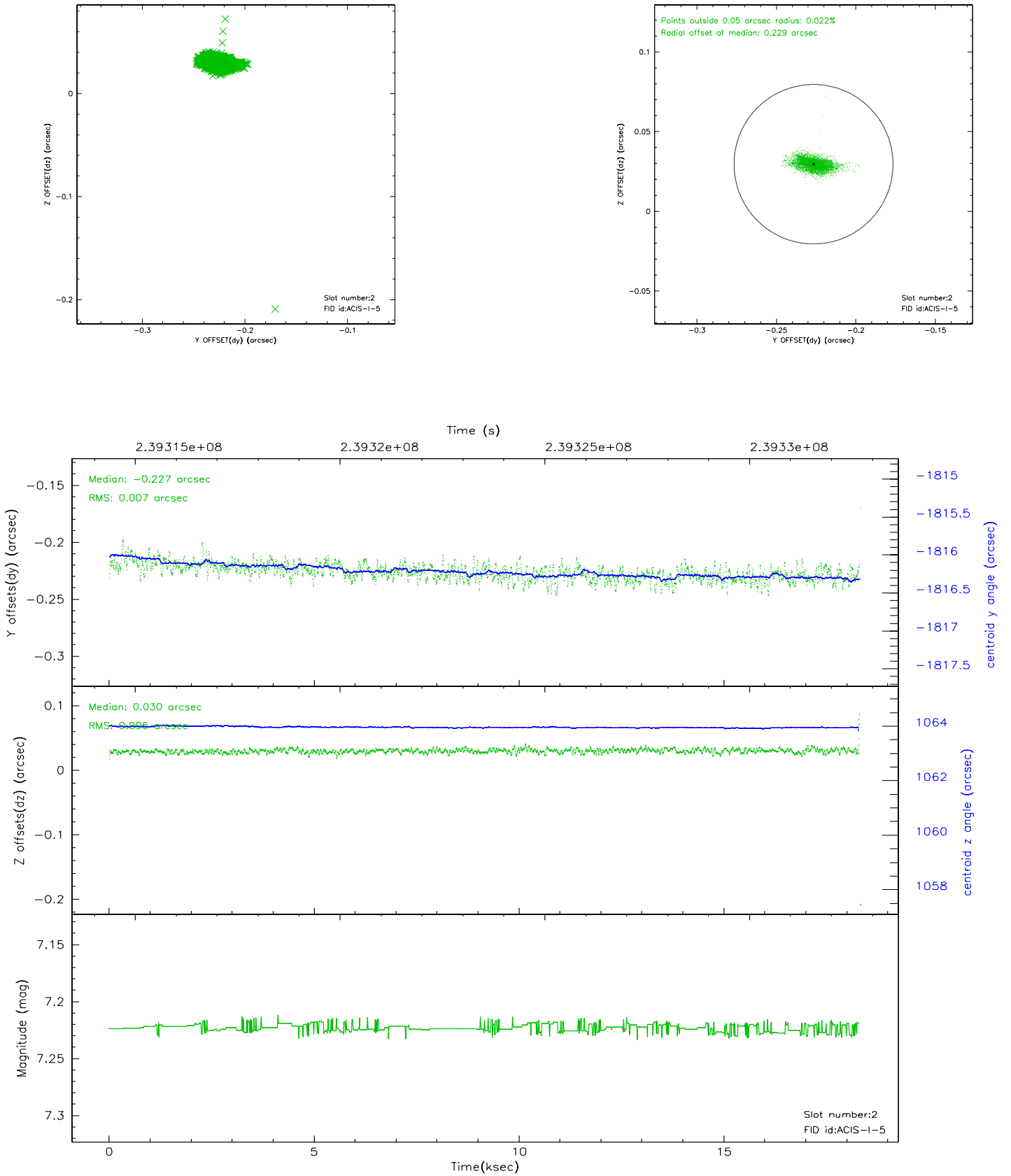
2.5.1 Slot 0



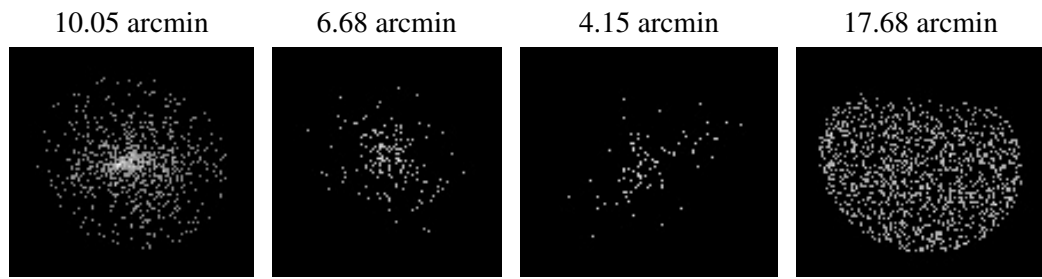
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2009.01.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	18.30859

A.2 Comments

This observation was interrupted by safing of the science instruments due to high solar radiation environment. The observation was interrupted at 2005:214:01:16.