

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2943 - L2 Version 3
Chandra X-Ray Center

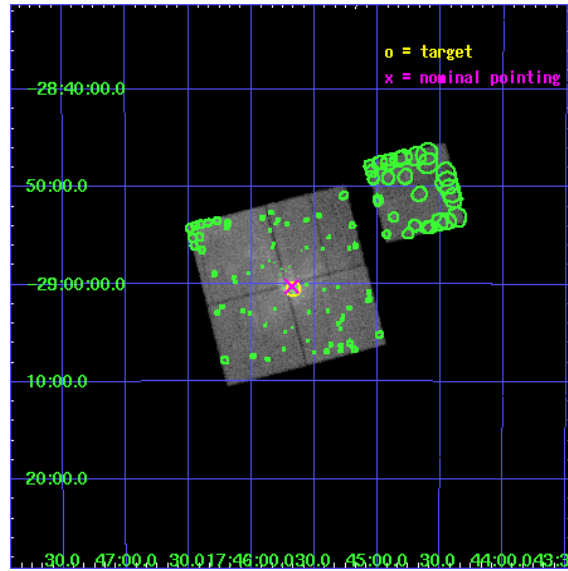
L2 Processing Date : May 16 2008

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1 Front

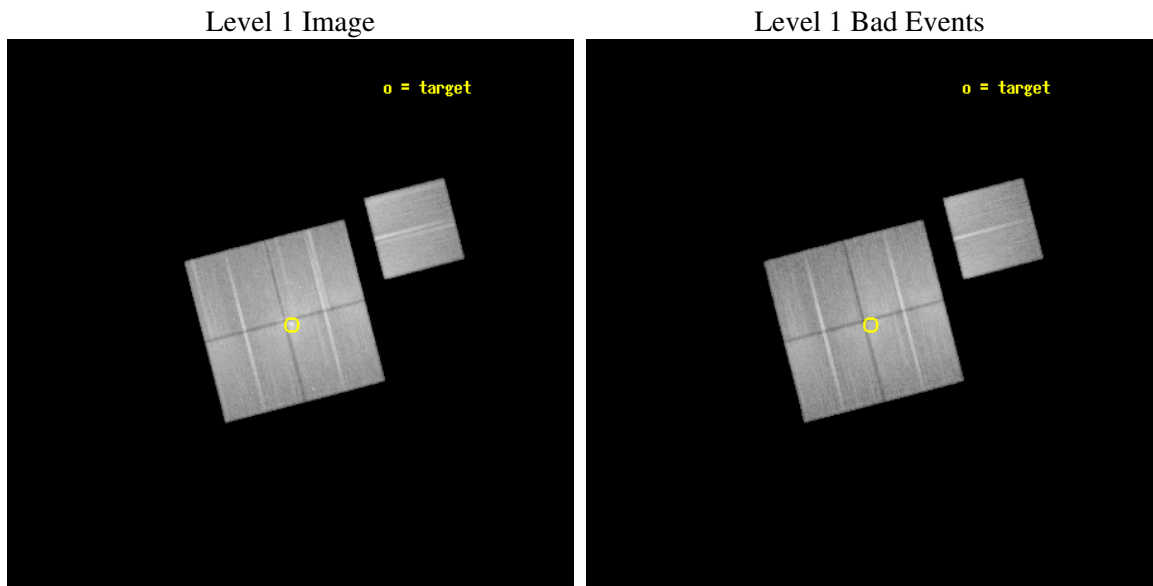
seq_num	600280
obs_id	2943
title	MONITORING THE EXTREME X-RAY FLARING OF SAGITTARIUS A* AND A DEEP SURVEY OF THE CENTRAL 40 PC OF THE GALAXY
observer	Dr. Frederick Baganoff
object	SGR A*
dtcycle	0
cycle	P
ra_targ	266.416667
dec_targ	-29.007778
ra_nom	266.41990715815
dec_nom	-29.004065385811
roll_nom	75.51025397942
revision	3
ontime	38474.099926025
livetime	37971.407486271
ontime0	38474.099926025
ontime1	38470.958925873
ontime2	38474.099926025
ontime3	38474.099926025
ontime6	38474.099926025
l2events	350154



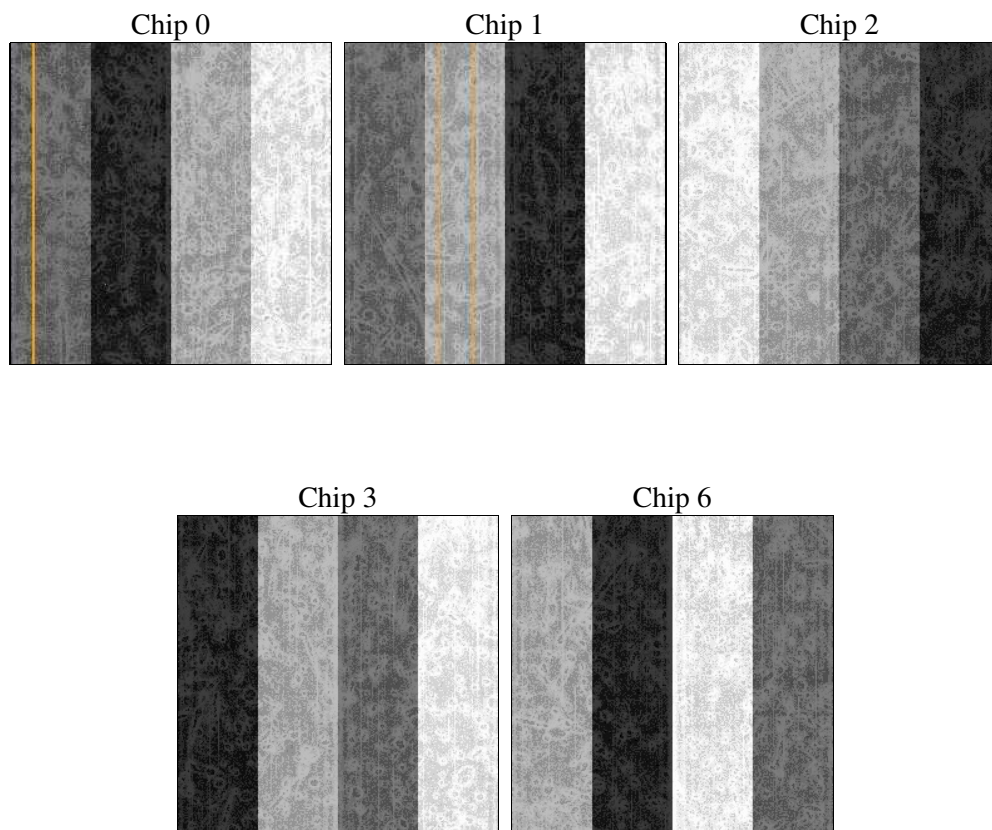
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.11.6
caldbver	3.4.4
date	2008-05-16T23:53:49
revision	3

sched_exp_time	171208.976000
ontime	38474.099926025
ontime0	38474.099926025
ontime1	38470.958925873
ontime2	38474.099926025
ontime3	38474.099926025
ontime6	38474.099926025
llevents	2377264

2.1.4 Events

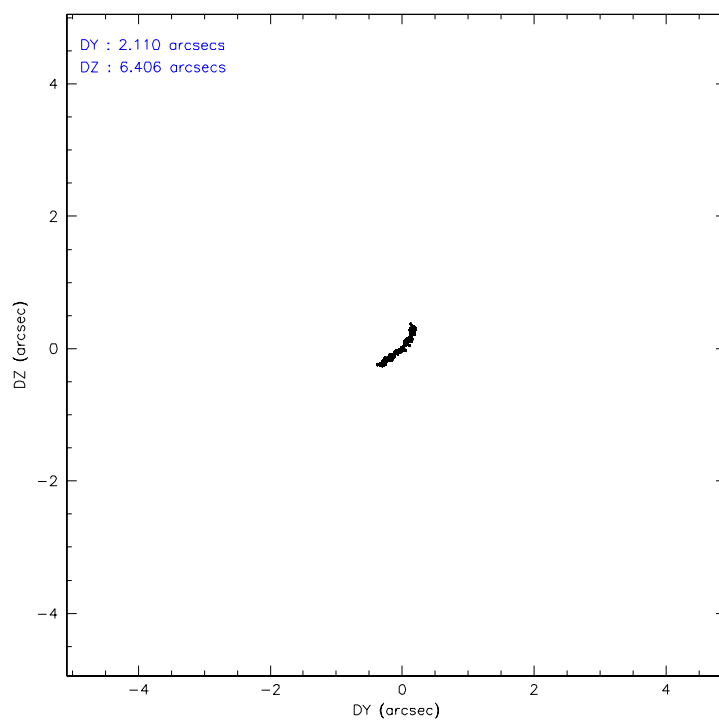
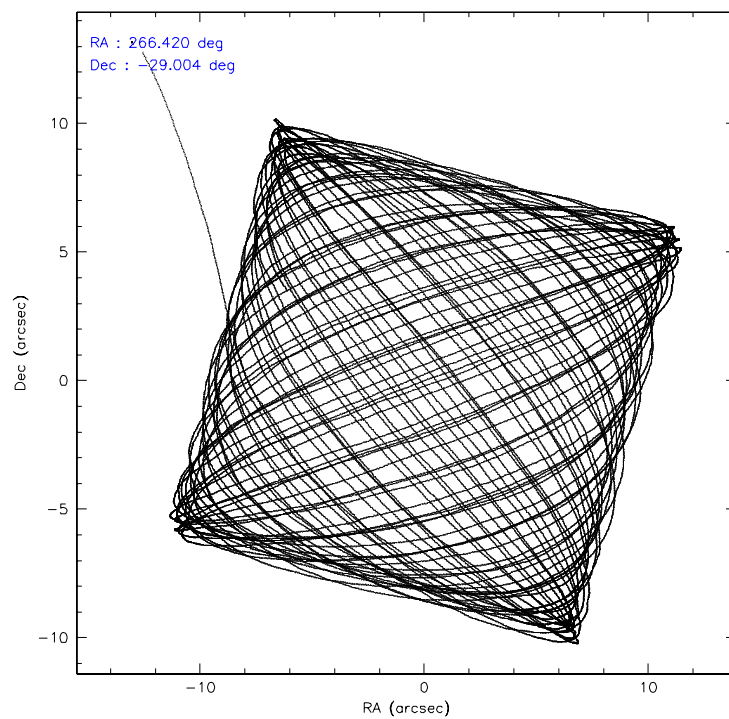
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	420322	433196	528832	503916	490998
rejected events	306893	350261	427094	417644	427034
rejected %	73%	80%	80%	82%	86%

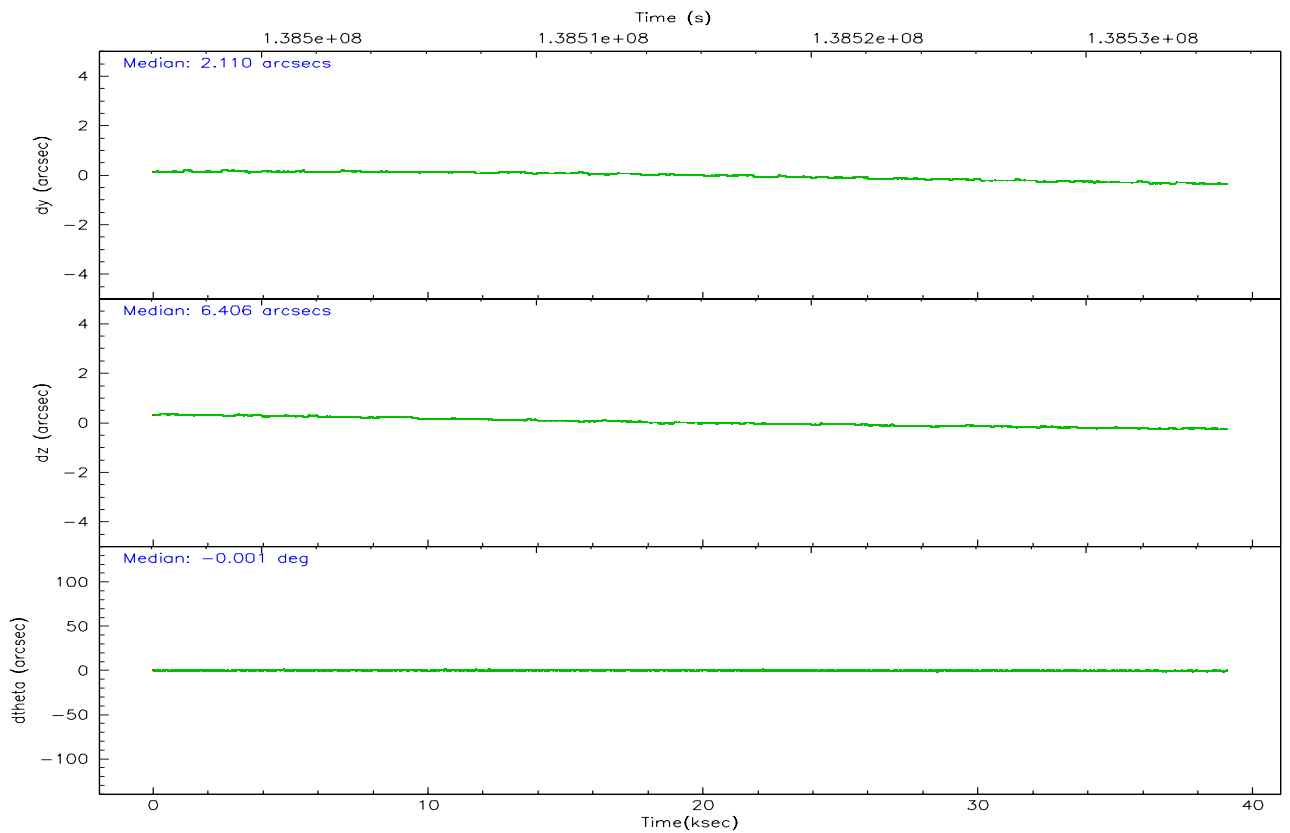
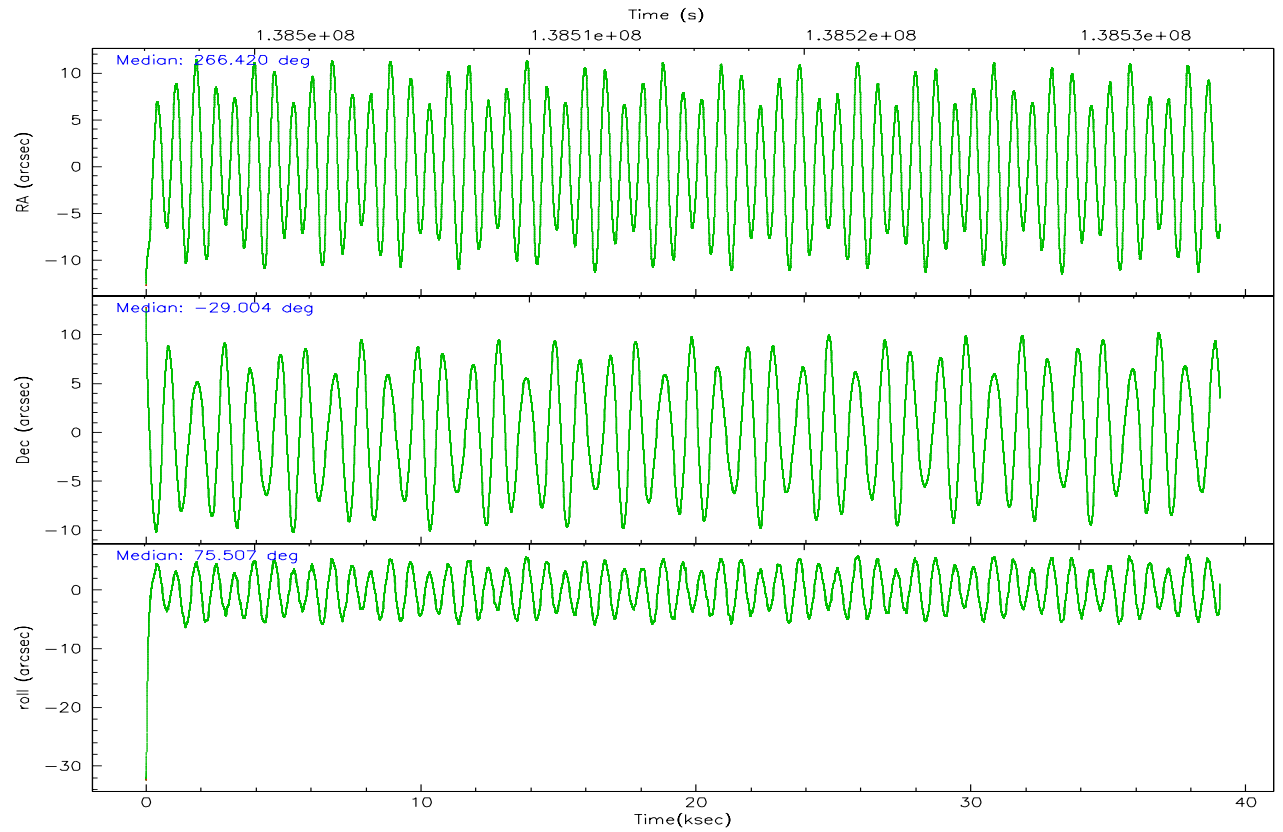
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	61204	41044	50592	45389	27441
	14%	9%	9%	9%	5%
grade 1 events	395	296	398	298	273
	0%	0%	0%	0%	0%
grade 2 events	28133	19085	28460	18291	20413
	6%	4%	5%	3%	4%
grade 3 events	5617	5230	4534	5168	3455
	1%	1%	0%	1%	0%
grade 4 events	5459	4958	6137	5148	3365
	1%	1%	1%	1%	0%
grade 5 events	9684	9993	9517	10089	10580
	2%	2%	1%	2%	2%
grade 6 events	13173	12708	12205	12368	9391
	3%	2%	2%	2%	1%
grade 7 events	296657	339882	416989	407165	416080
	70%	78%	78%	80%	84%

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	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	266.428394	266.4199071581533	Subarray requested	NONE	NONE
Pointing Dec	-29.030450	-29.00406538581067	Alternating exposures requested	N	N
Pointing Roll	75.305690	75.5102539794196	Primary exposure time	0.000000	3.1
Window start time	138505804.184000	138505804.184000			
Window stop time	138662224.184000	138662224.184000			
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	138496782.184000	138495555.25852			
Observation start date	2002-05-22T23:18:38	2002-05-22T22:59:15			
Observation end time	138667991.184000	138535185.34764			
Observation end date	2002-05-24T22:52:07	2002-05-23T09:59:45			
Read mode	TIMED	TIMED			

2.3 Aspect



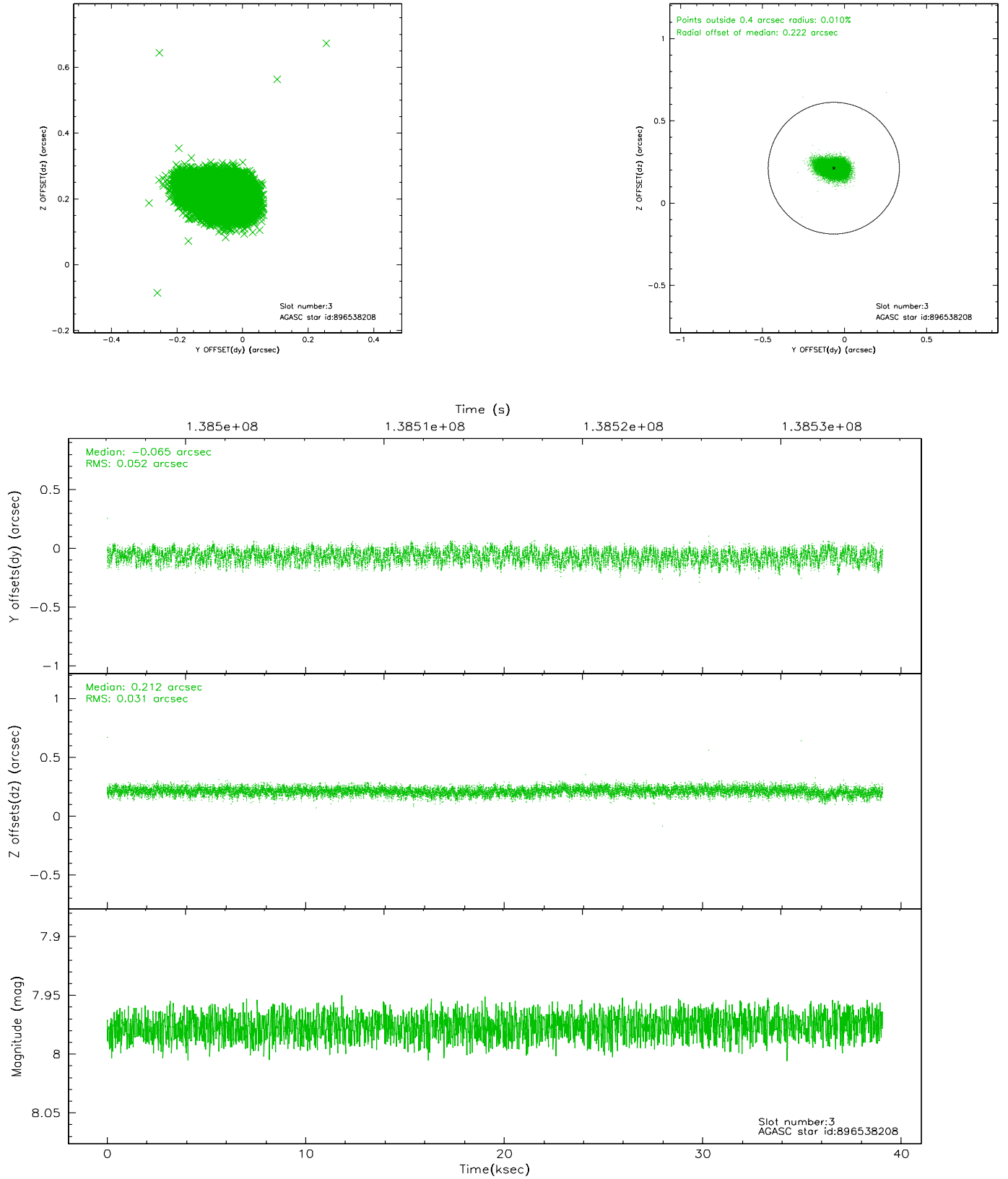


Slot Statistics

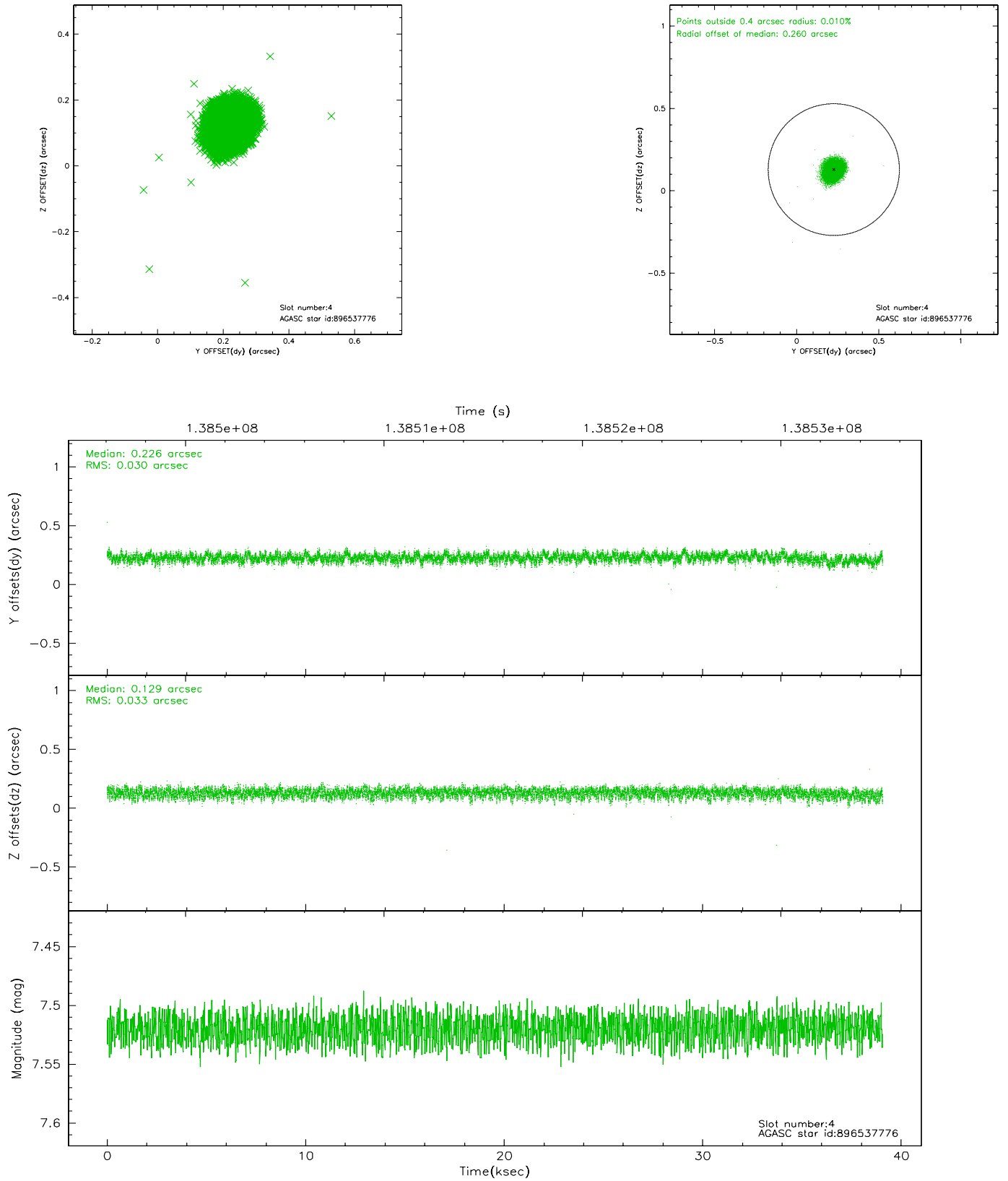
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	9529	-0.010	0.013	0.008	0.015	0.000000	0.000000	937.71	-829.81
1	FID	ACIS-I-5	7.24	9525	-0.043	0.041	0.008	0.018	0.000000	0.000000	-1810.38	1067.75
2	FID	ACIS-I-6	7.26	9526	-0.038	0.016	0.009	0.021	0.000000	0.000000	403.26	1712.21
3	GUIDE	896538208	7.98	19053	-0.065	0.212	0.064	0.102	267.176969	-28.671626	1843.39	-1961.08
4	GUIDE	896537776	7.52	19056	0.226	0.129	0.047	0.075	266.655684	-29.665673	-2030.72	-1268.18
5	GUIDE	896403224	8.30	19056	0.282	-0.153	0.078	0.124	265.612825	-29.438915	-2078.41	2097.72
6	GUIDE	896534664	8.20	19057	-0.125	-0.054	0.067	0.106	266.405570	-28.407461	2152.02	638.99
7	GUIDE	896538696	6.81	19058	-0.311	-0.128	0.043	0.068	266.298470	-28.325572	2350.88	1041.96

2.4 Star Slots

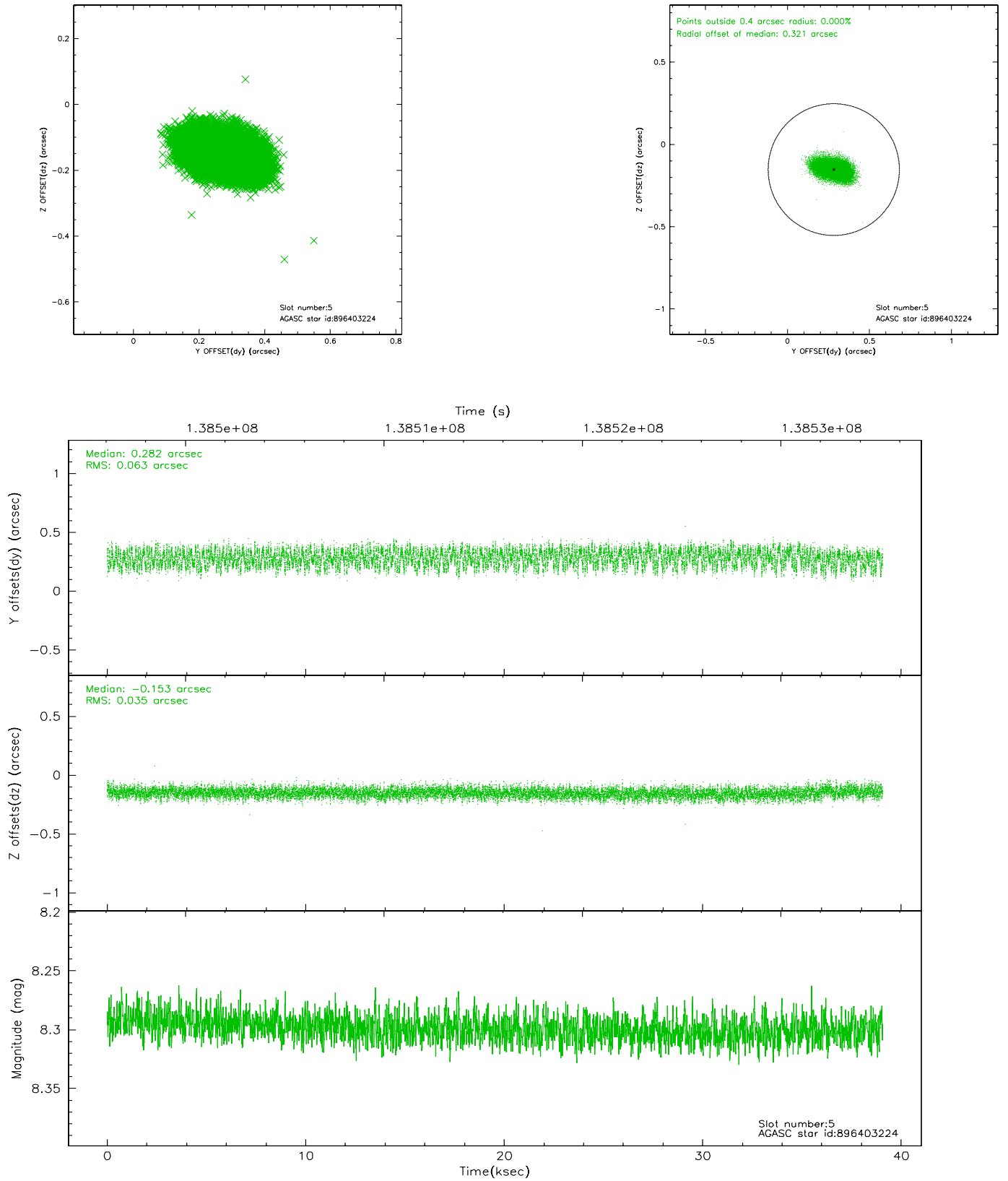
2.4.1 Slot 3



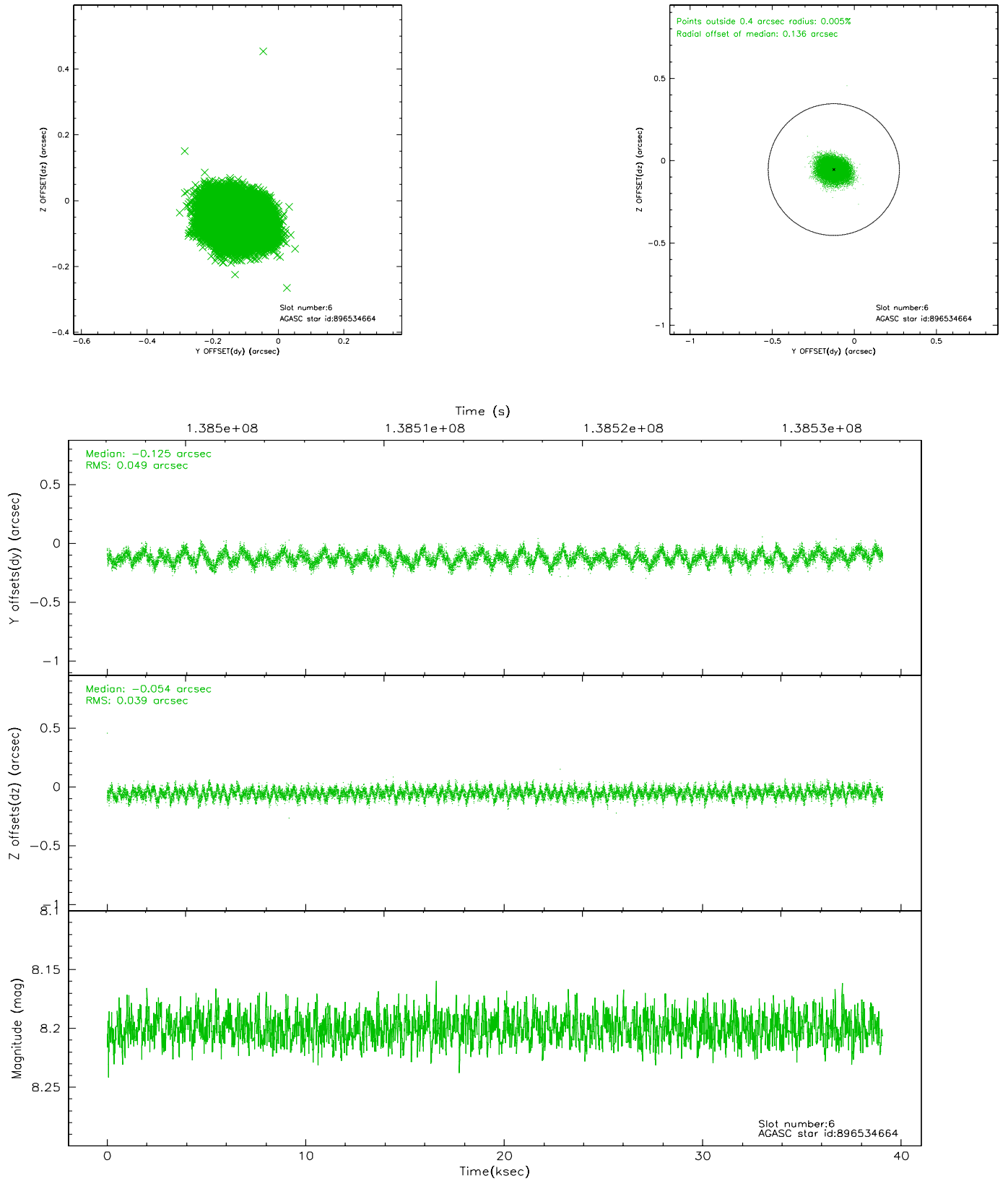
2.4.2 Slot 4



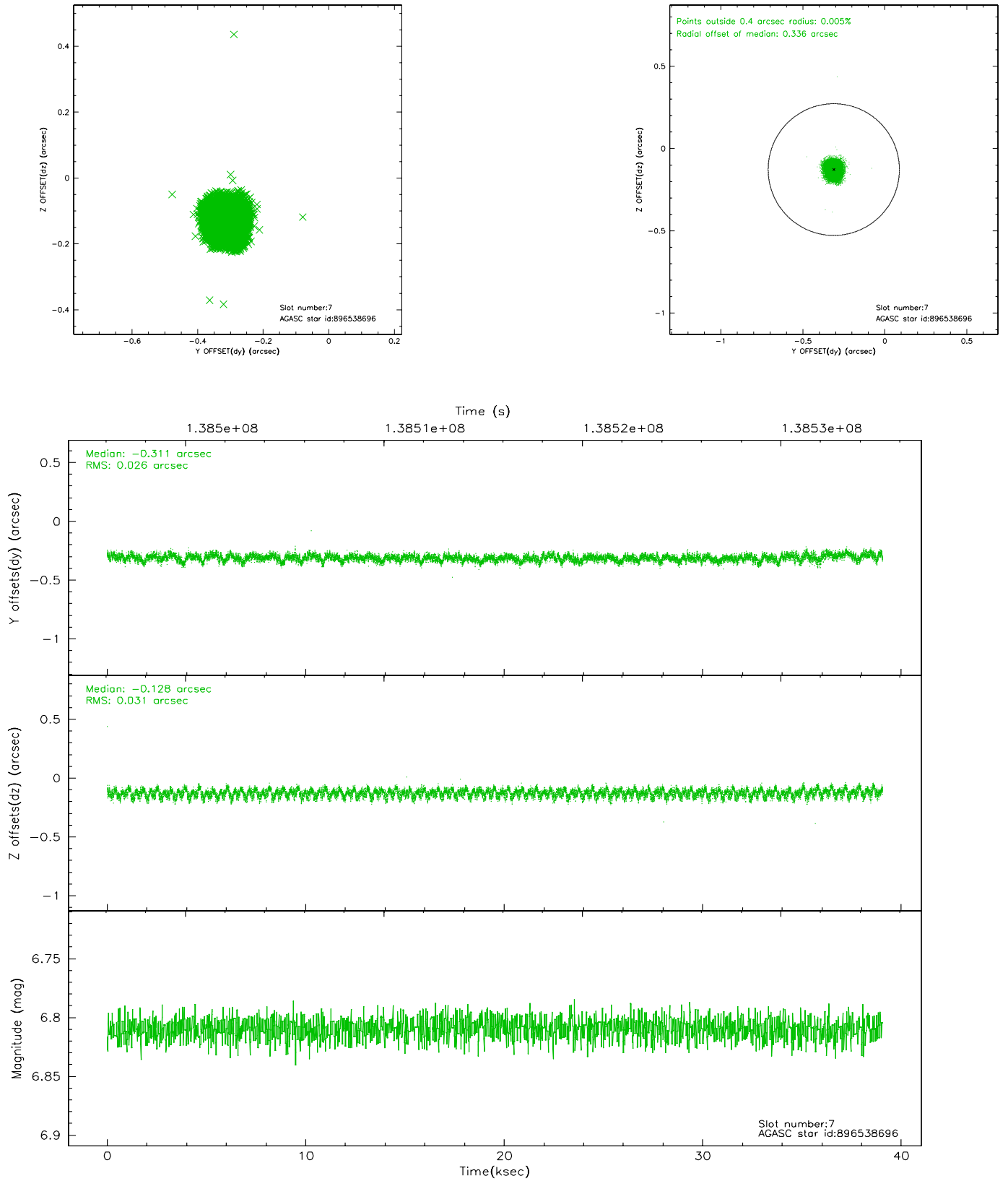
2.4.3 Slot 5



2.4.4 Slot 6

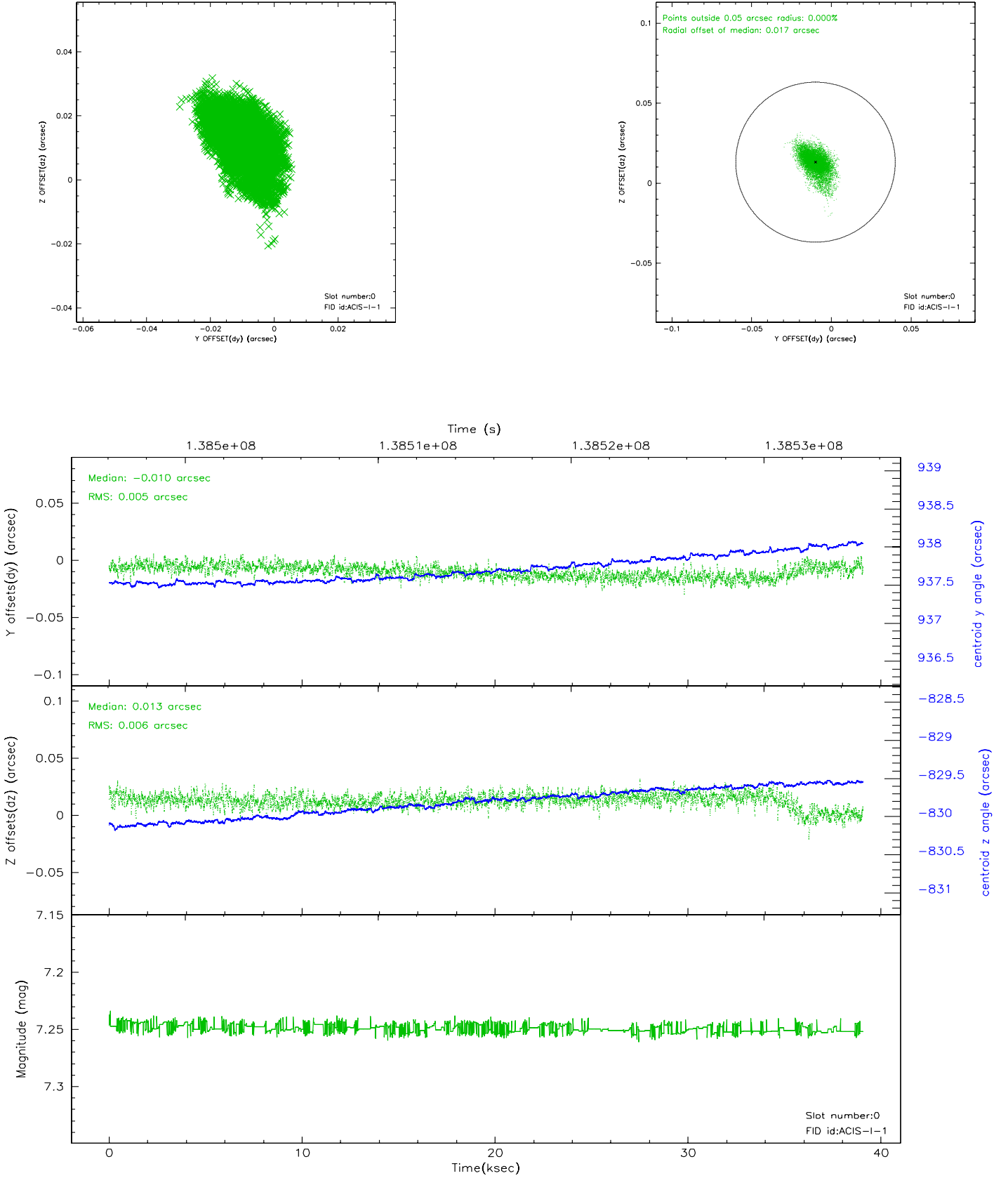


2.4.5 Slot 7

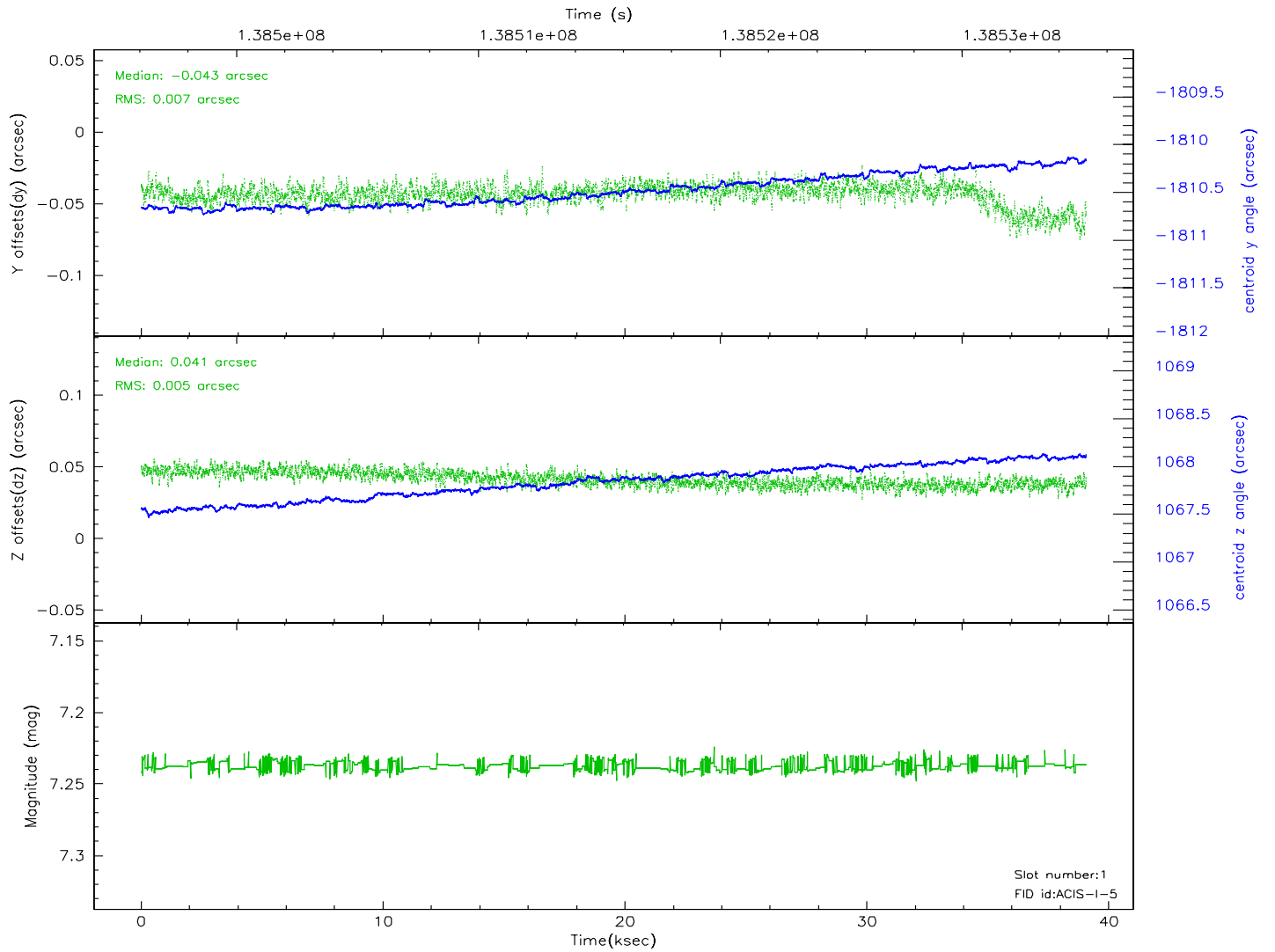
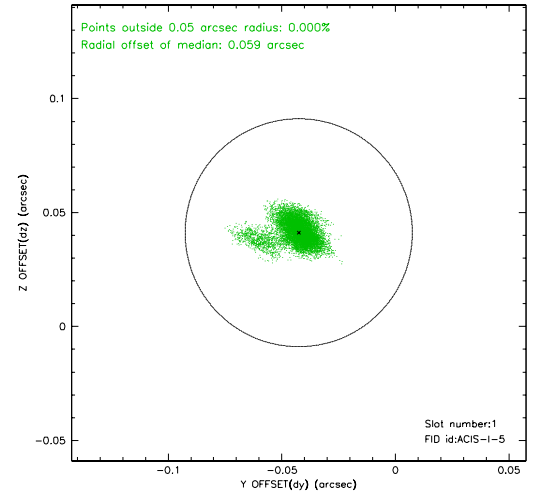
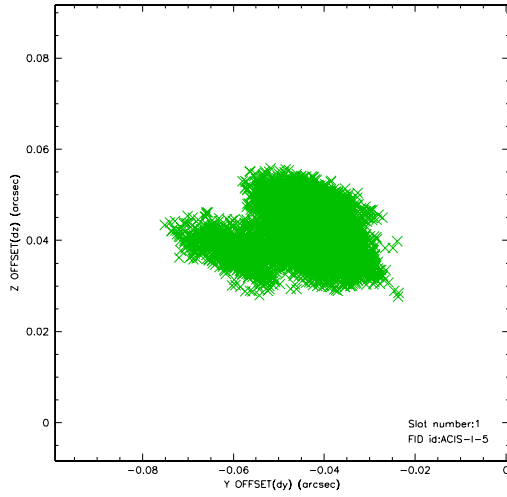


2.5 FID Slots

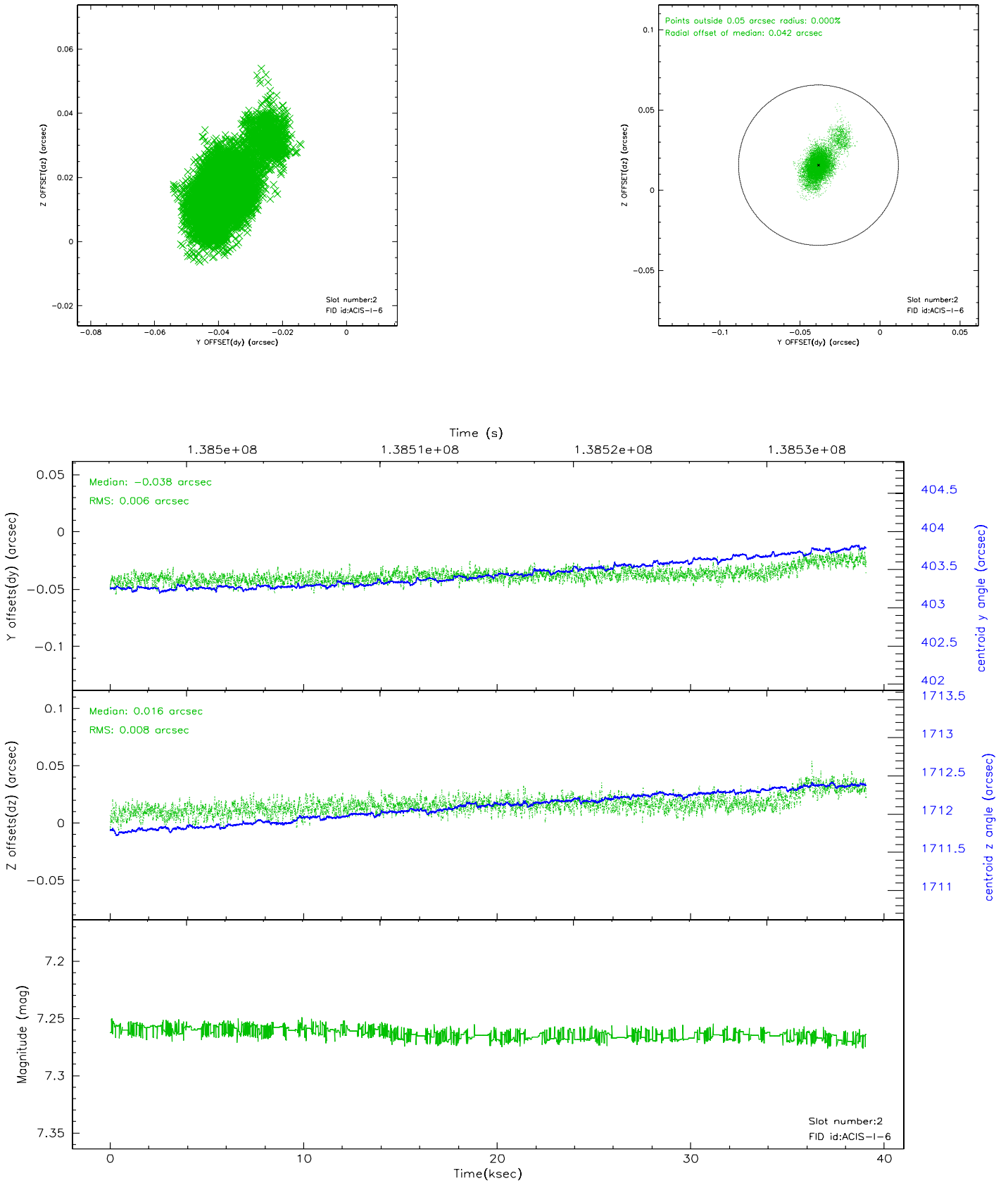
2.5.1 Slot 0



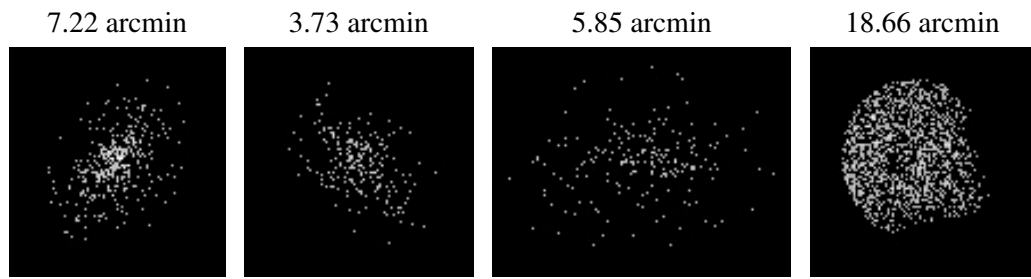
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2008.06.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	38.474

A.2 Comments

This observation was interrupted by safing of the science instruments onboard Chandra due to high solar radiation environment. The observation was interrupted at 09:58:19 GMT.