

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 3665 - L2 Version 001
Chandra X-Ray Center

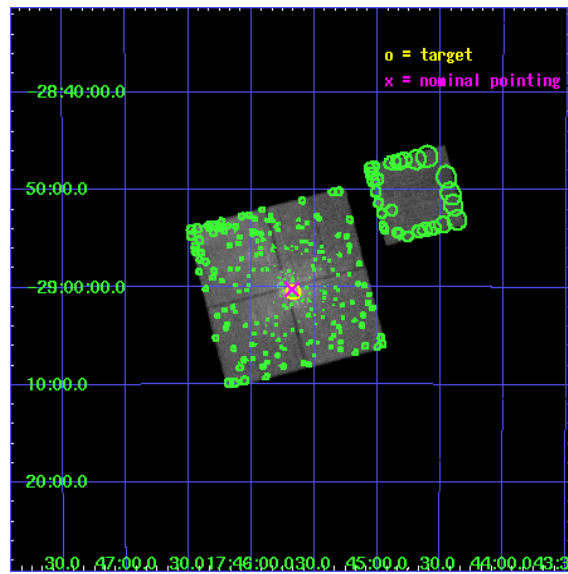
L2 Processing Date : Sep 18 2006

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1 Front

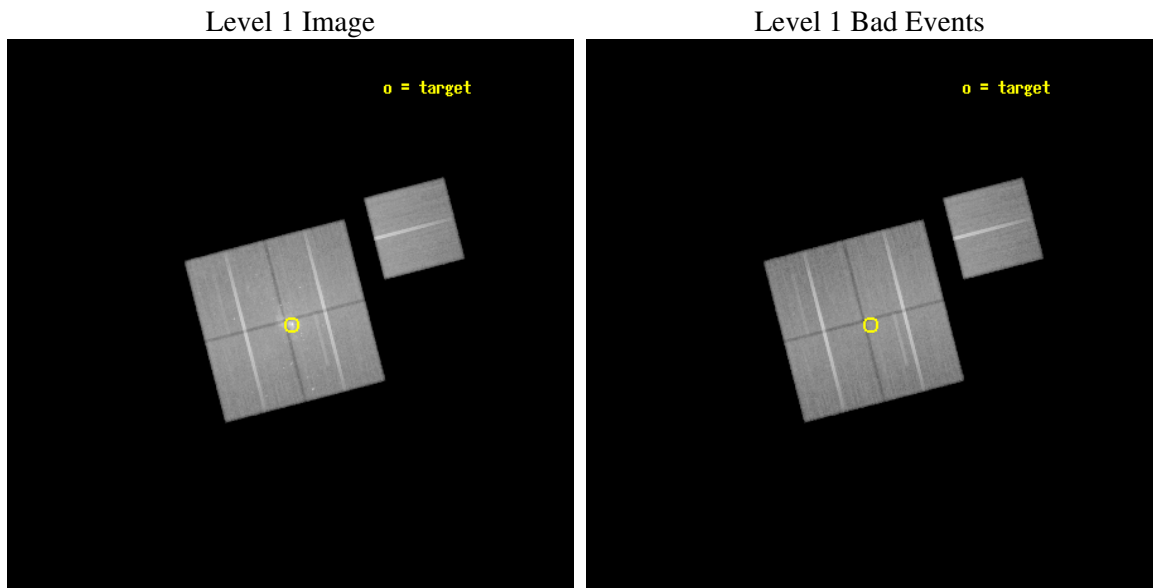
seq_num	600280
obs_id	3665
title	MONITORING THE EXTREME X-RAY FLARING OF SAGITTARIUS A* AND A DEEP SURVEY OF THE CENTRAL 40 PC OF THE GALAXY
observer	Dr. Frederick Baganoff
object	SGR A*
dtcycle	0
cycle	P
ra_targ	266.416667
dec_targ	-29.007778
ra_nom	266.41992280847
dec_nom	-29.004072273242
roll_nom	75.510265928082
revision	2
ontime	91115.158854574
livetime	89924.672226135
ontime0	91118.299824804
ontime1	91108.876874208
ontime2	91115.158824652
ontime3	91115.158854574
ontime6	91108.876864344
l2events	669714



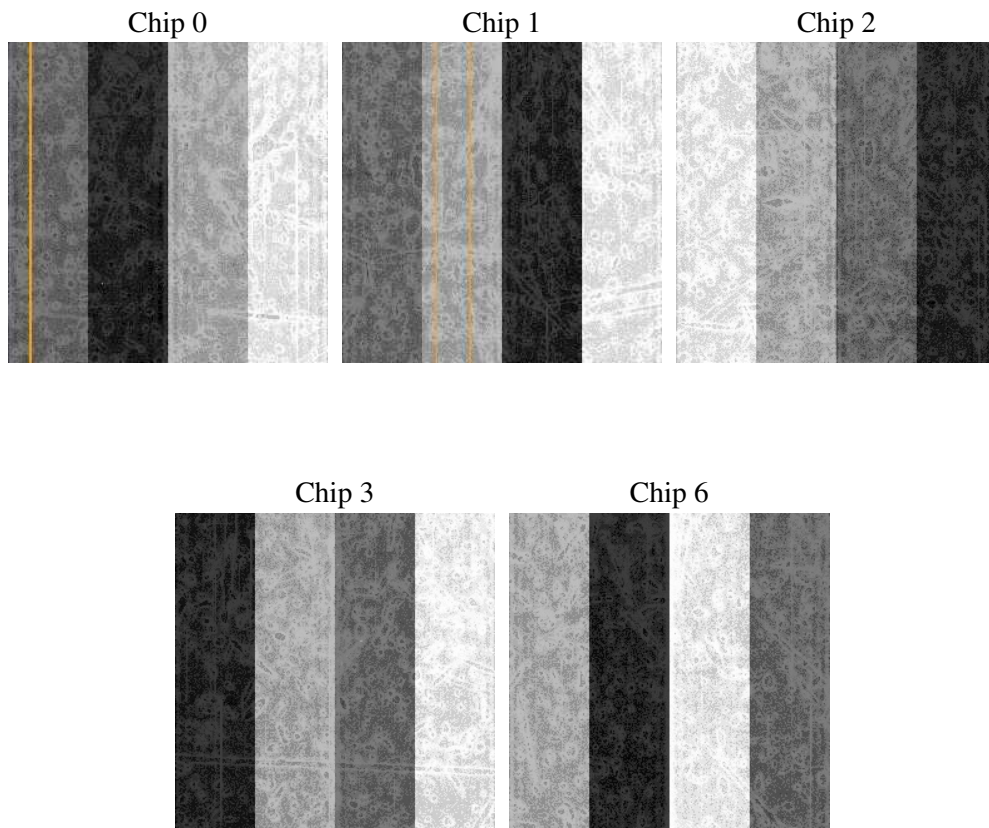
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.3
date	2006-09-18T09:11:48
revision	2

sched_exp_time	91000.000000
ontime	91120.635292381
ontime0	91123.776262611
ontime1	91114.353312016
ontime2	91120.63526246
ontime3	91120.635292381
ontime6	91114.353302151
l1events	3273547

2.1.4 Events

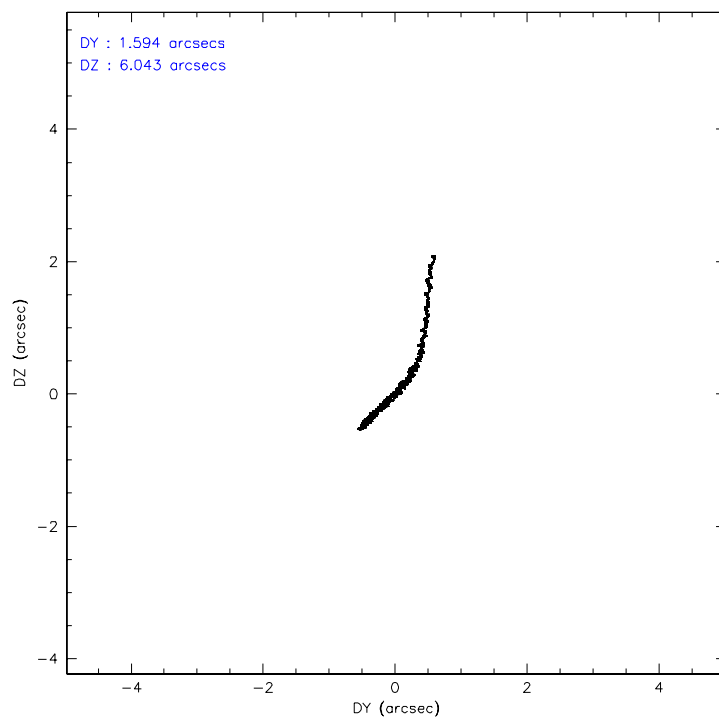
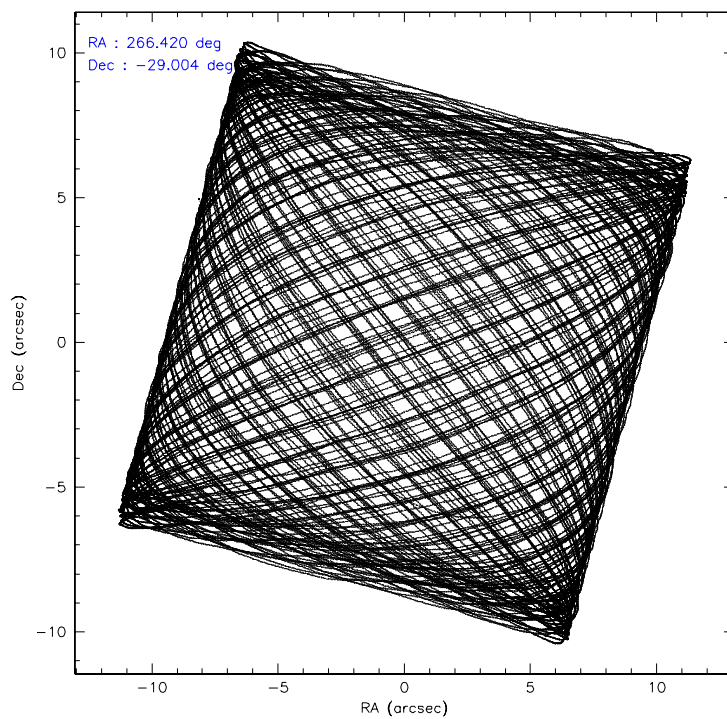
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	671684	631362	675357	683711	611433
rejected events	475481	482556	533404	515745	526073
rejected %	70%	76%	78%	75%	86%

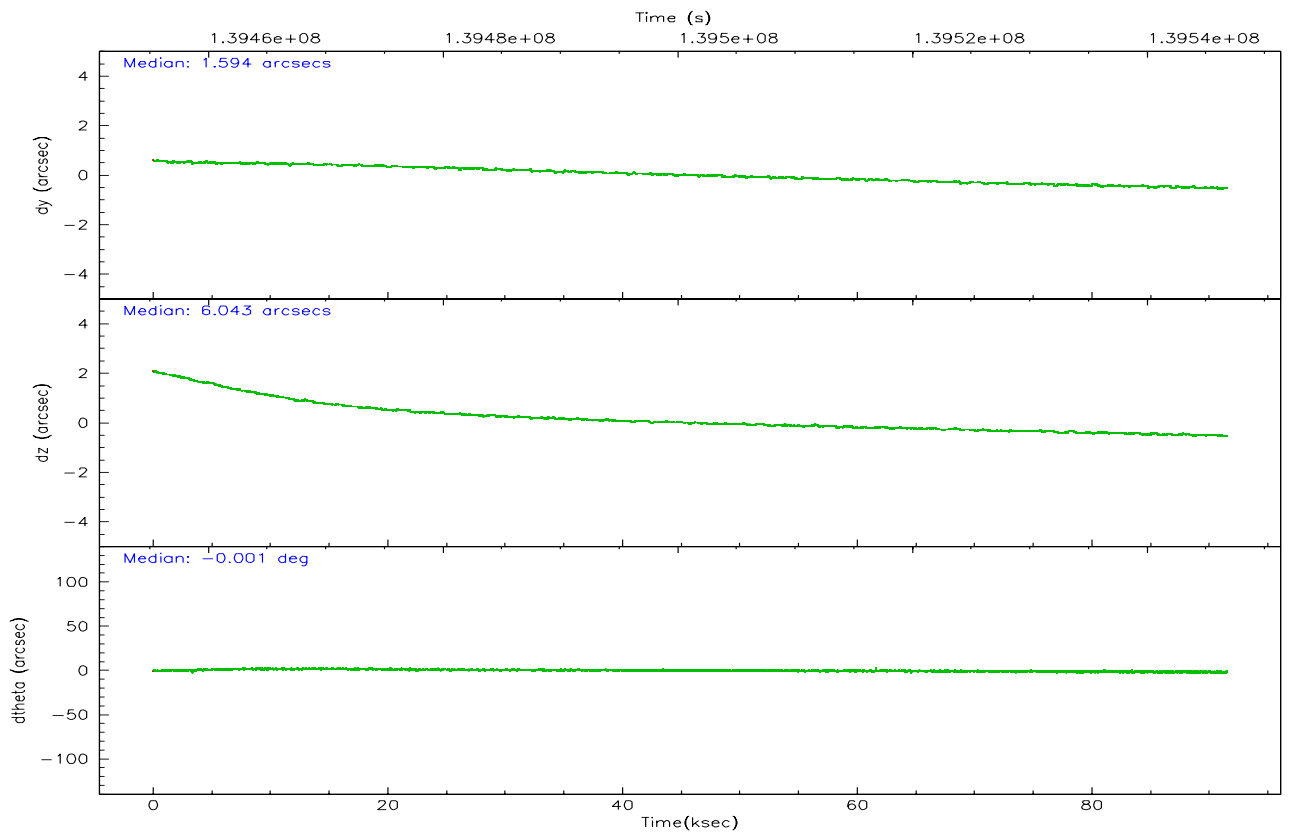
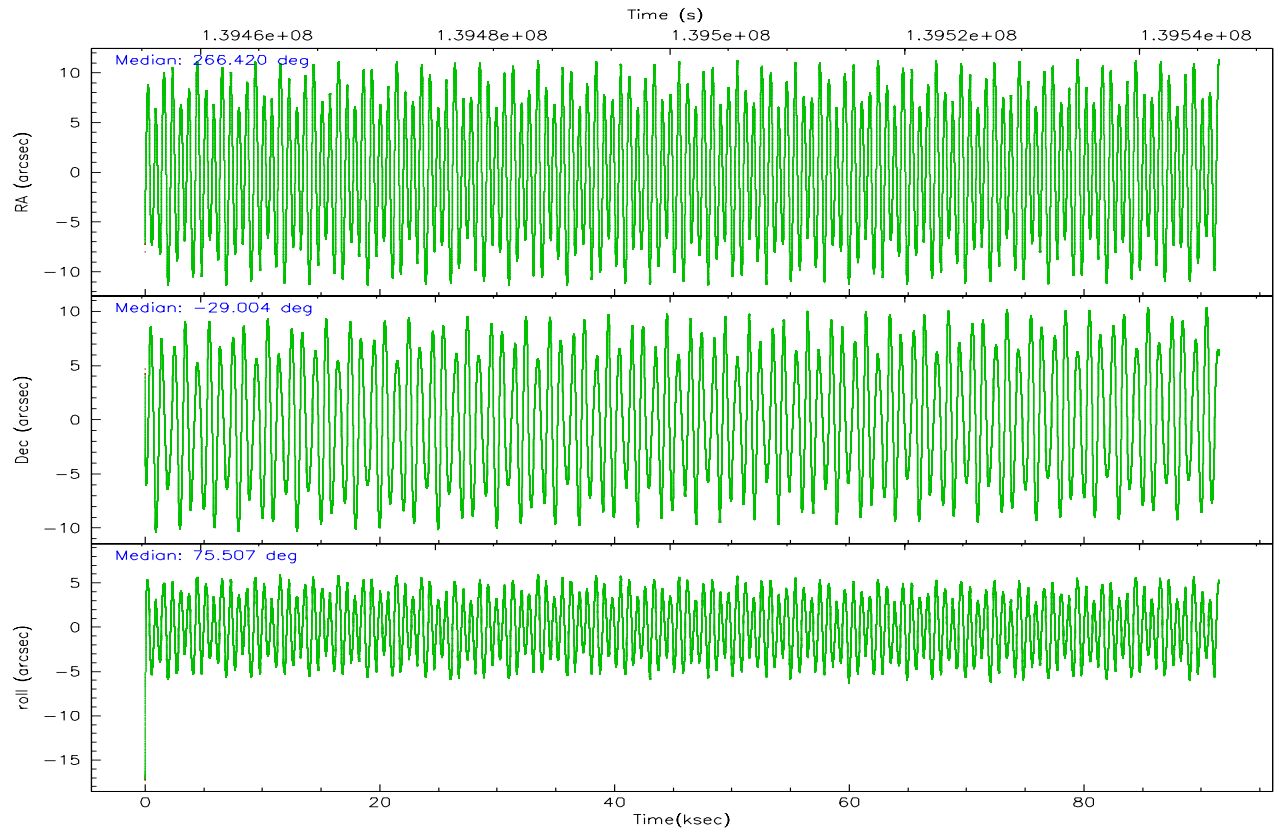
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	117393	82126	80014	97794	39389
	17%	13%	11%	14%	6%
grade 1 events	698	566	521	657	317
	0%	0%	0%	0%	0%
grade 2 events	32361	25740	25110	27949	16286
	4%	4%	3%	4%	2%
grade 3 events	12710	10902	9629	10993	7602
	1%	1%	1%	1%	1%
grade 4 events	12432	10675	9704	11260	7495
	1%	1%	1%	1%	1%
grade 5 events	22766	24165	21453	24231	25501
	3%	3%	3%	3%	4%
grade 6 events	21321	19368	17503	19982	14592
	3%	3%	2%	2%	2%
grade 7 events	452003	457820	511423	490845	500251
	67%	72%	75%	71%	81%

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	266.419922808468	Subarray requested	NONE	NONE
Pointing Dec	-29.030450	-29.00407227324211	Alternating exposures requested	N	N
Pointing Roll	75.305690	75.51026592808246	Primary exposure time	0.000000	3.1
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	139455813.184000	139454677.01016			
Observation start date	2002-06-03T01:42:29	2002-06-03T01:24:37			
Observation end time	139546813.184000	139548297.95148			
Observation end date	2002-06-04T02:59:09	2002-06-04T03:24:57			
Read mode	TIMED	TIMED			

2.3 Aspect



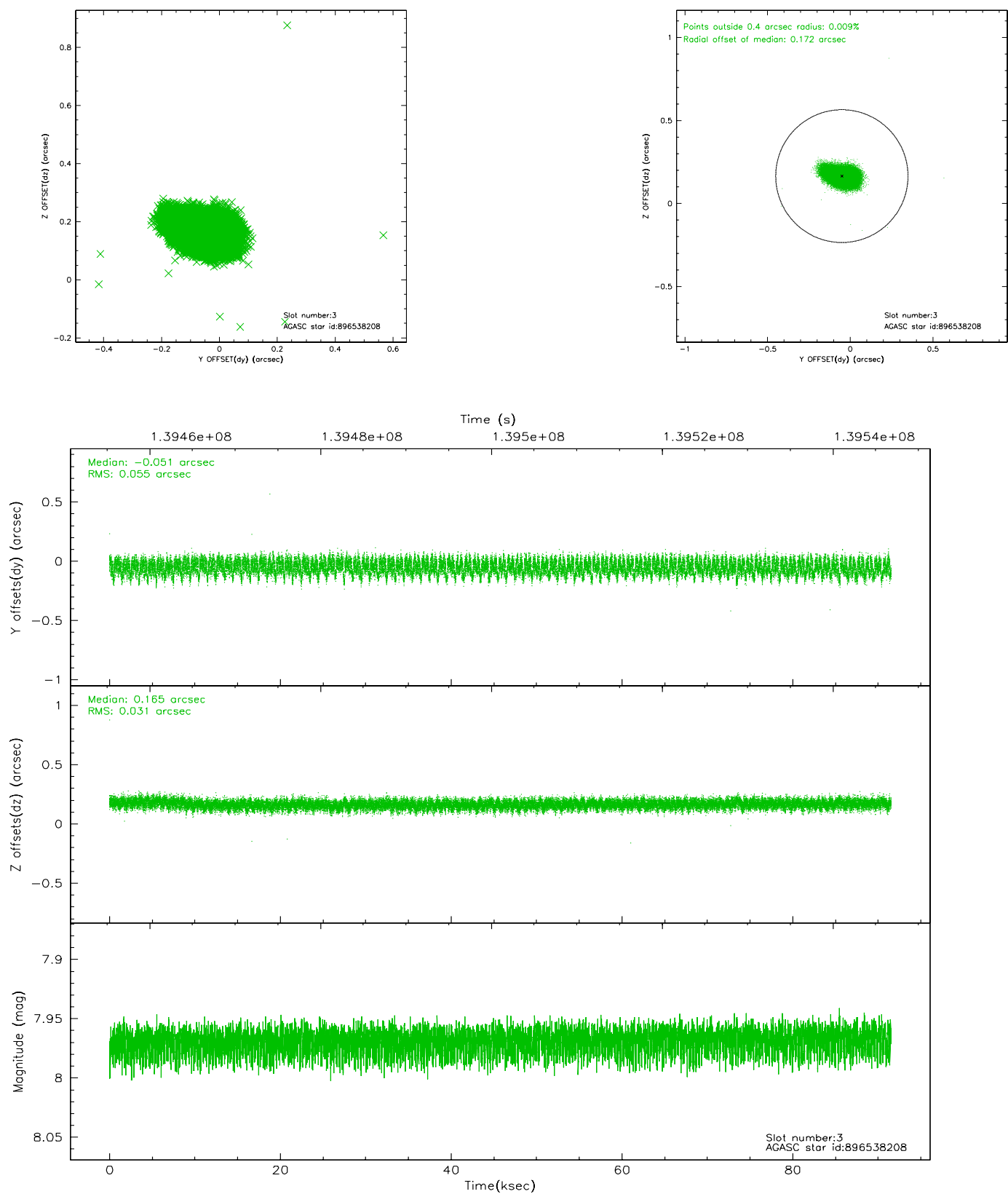


Slot Statistics

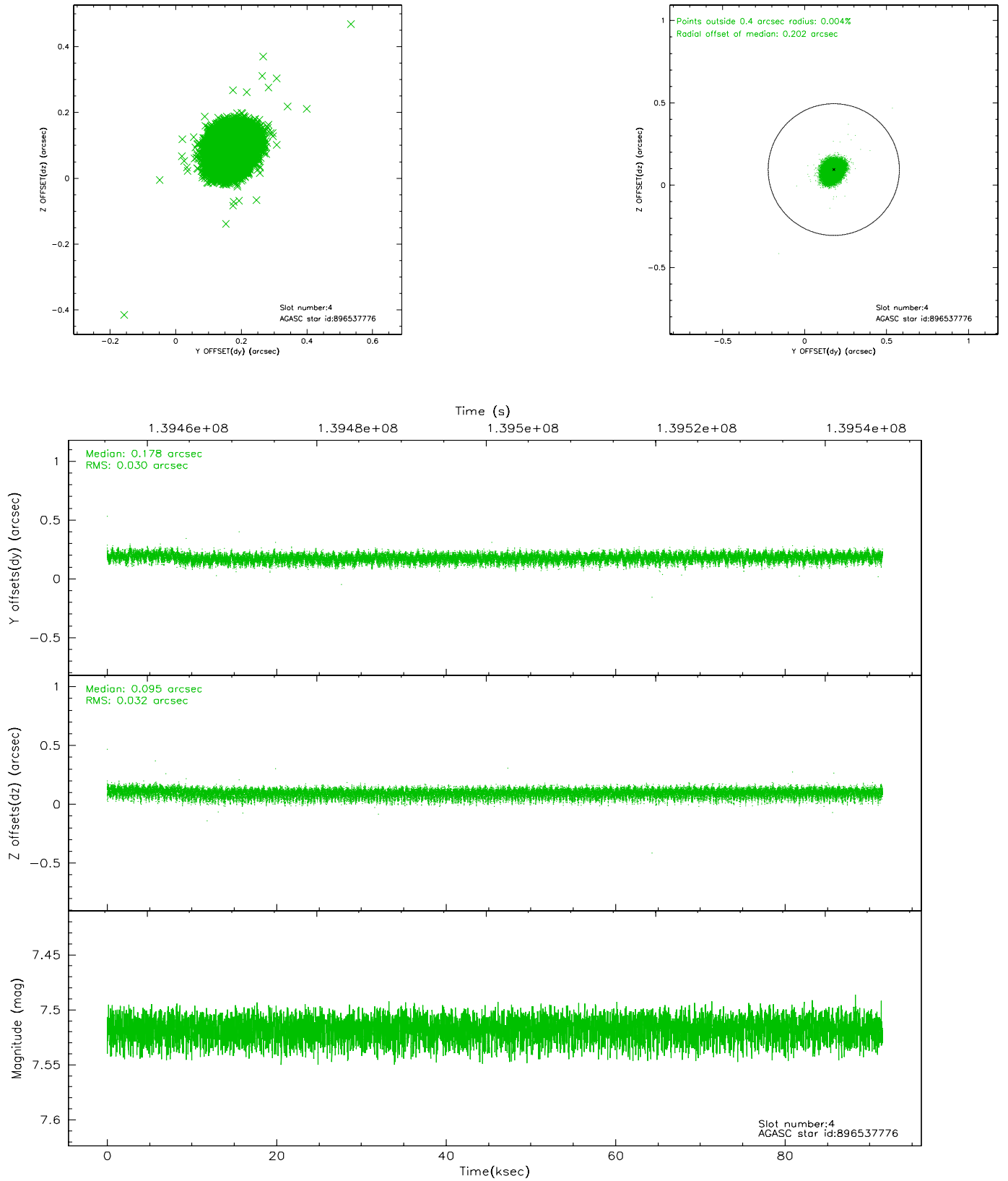
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	22324	-0.034	0.039	0.016	0.041	0.000000	0.000000	938.18	-829.57
1	FID	ACIS-I-5	7.24	22324	-0.027	0.027	0.012	0.028	0.000000	0.000000	-1809.94	1067.97
2	FID	ACIS-I-6	7.27	22327	-0.034	0.005	0.013	0.052	0.000000	0.000000	403.84	1712.33
3	GUIDE	896538208	7.97	44647	-0.051	0.165	0.067	0.108	267.176969	-28.671626	1842.28	-1961.63
4	GUIDE	896537776	7.52	44647	0.178	0.095	0.046	0.076	266.655684	-29.665673	-2031.95	-1268.65
5	GUIDE	896403224	8.29	44647	0.229	-0.111	0.080	0.132	265.612825	-29.438915	-2079.53	2097.31
6	GUIDE	896534664	8.20	44643	-0.080	-0.039	0.067	0.112	266.405570	-28.407461	2151.00	638.44
7	GUIDE	896538696	6.81	44650	-0.267	-0.106	0.042	0.066	266.298470	-28.325572	2349.74	1041.46

2.4 Star Slots

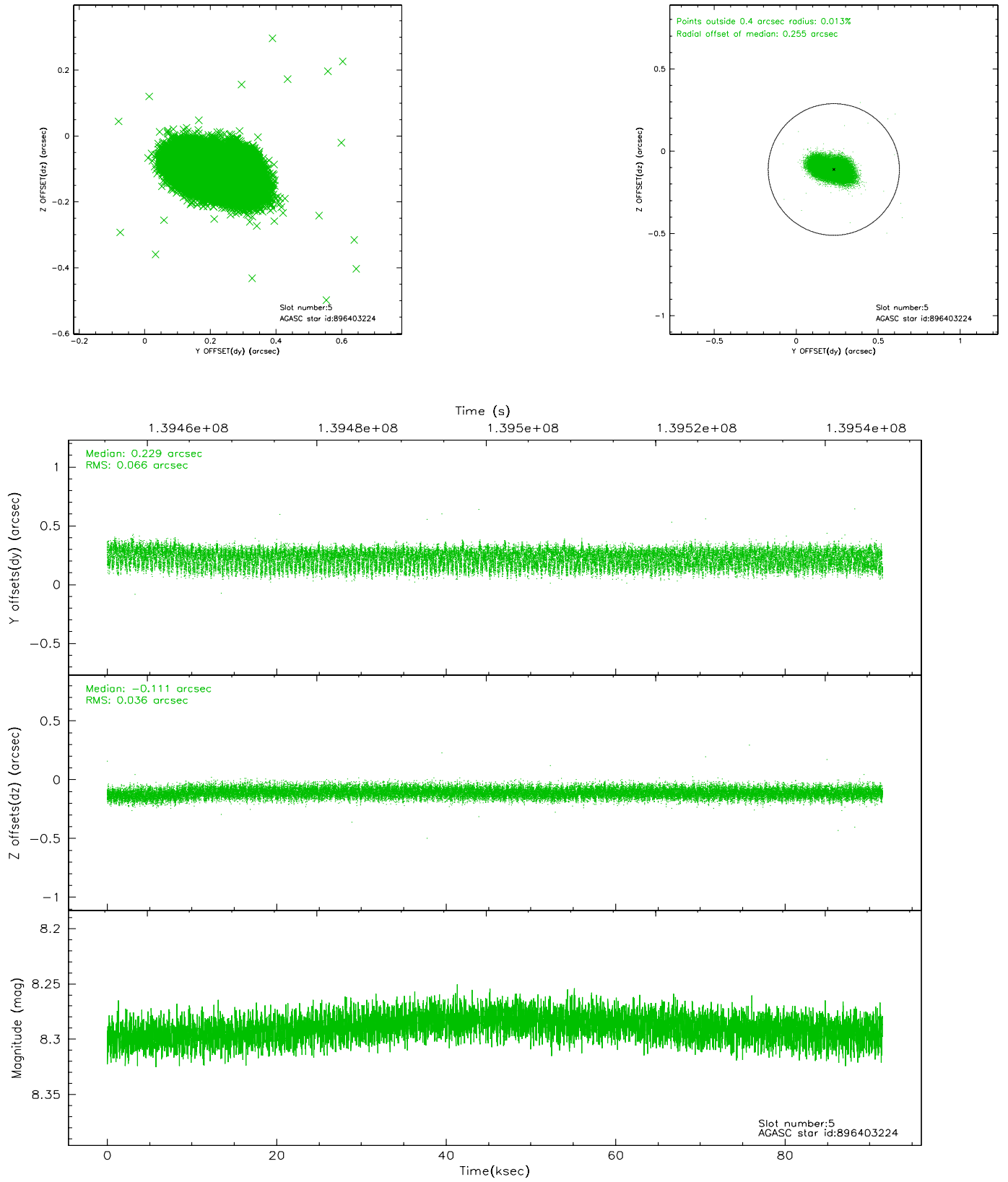
2.4.1 Slot 3



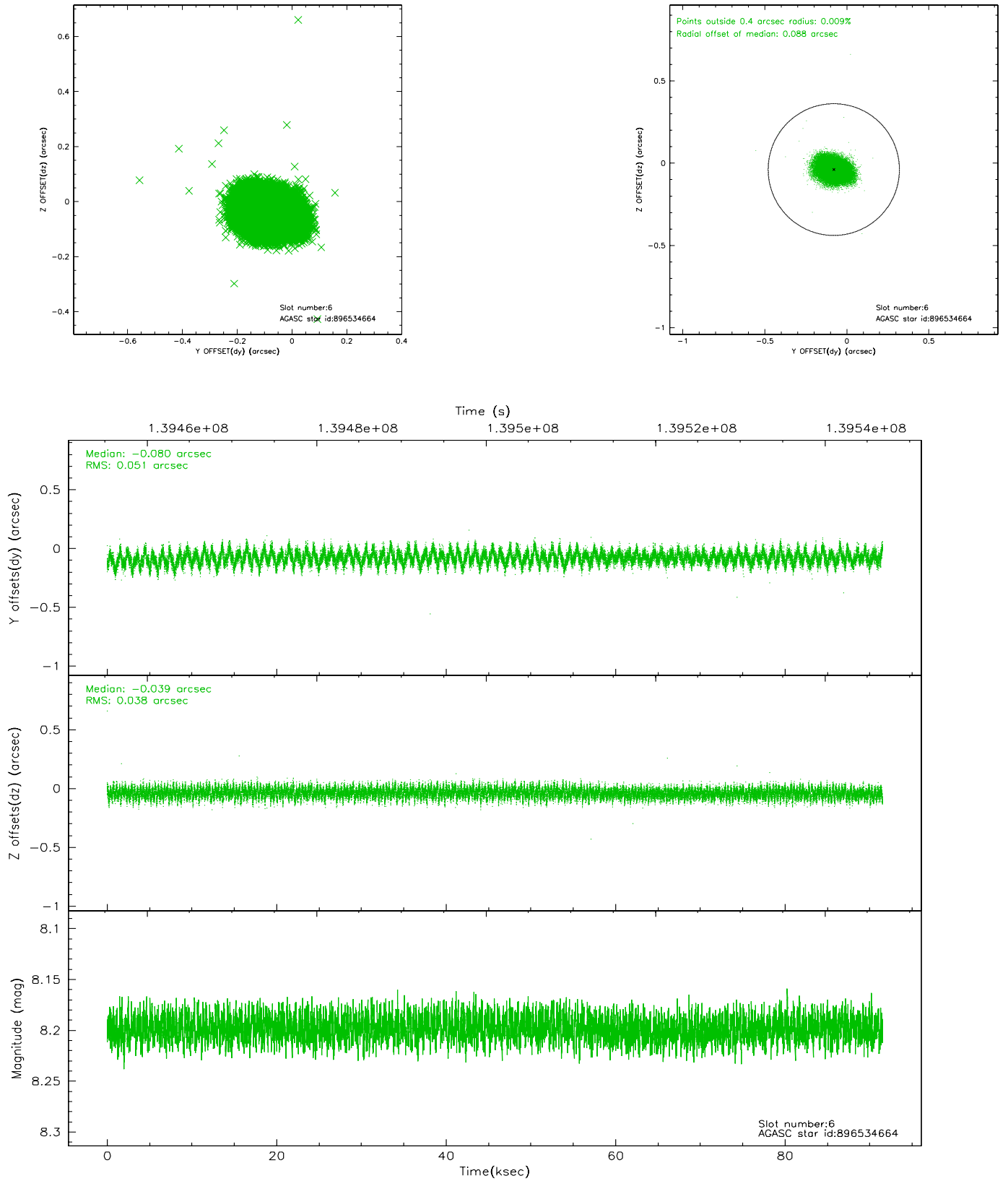
2.4.2 Slot 4



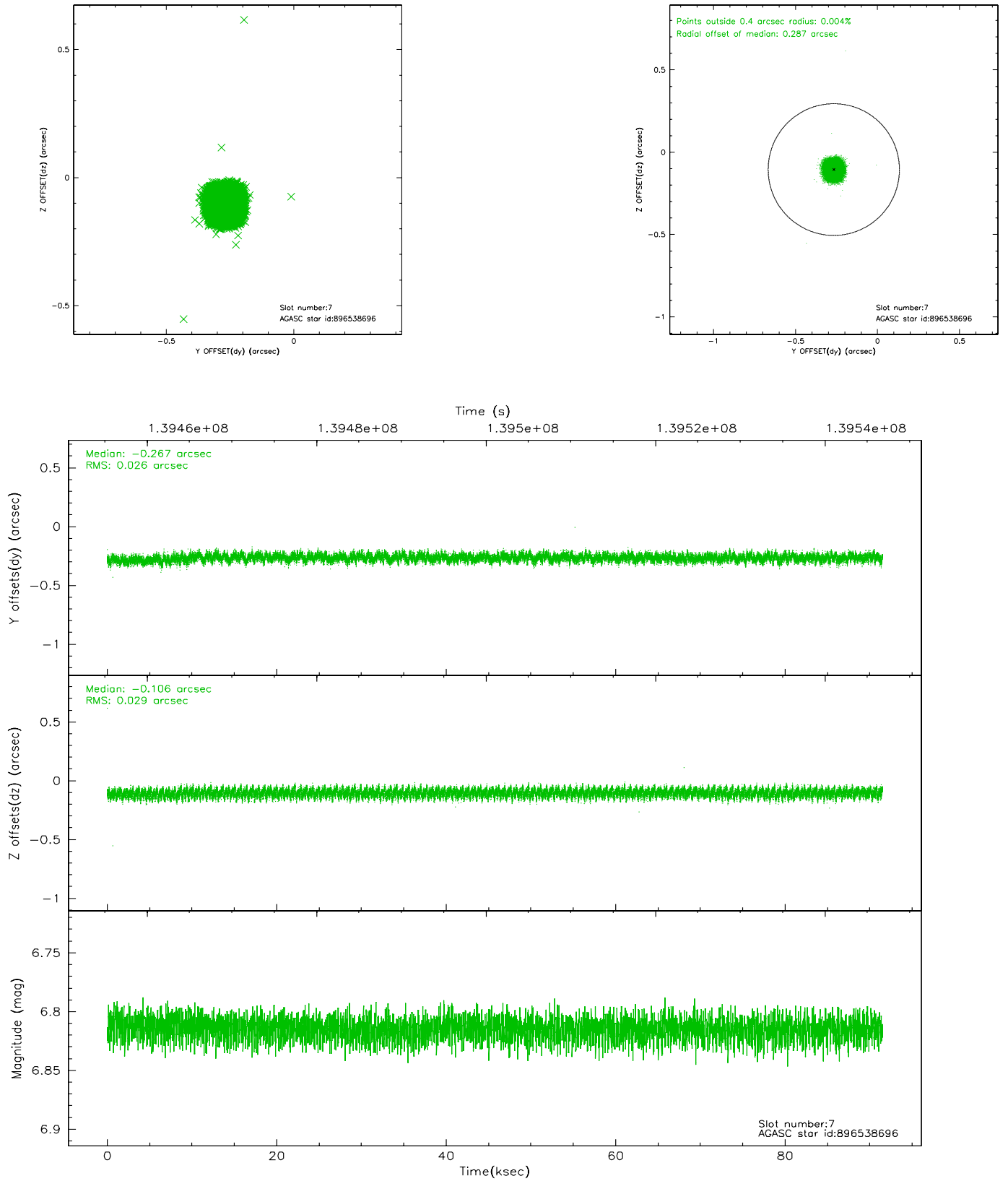
2.4.3 Slot 5



2.4.4 Slot 6

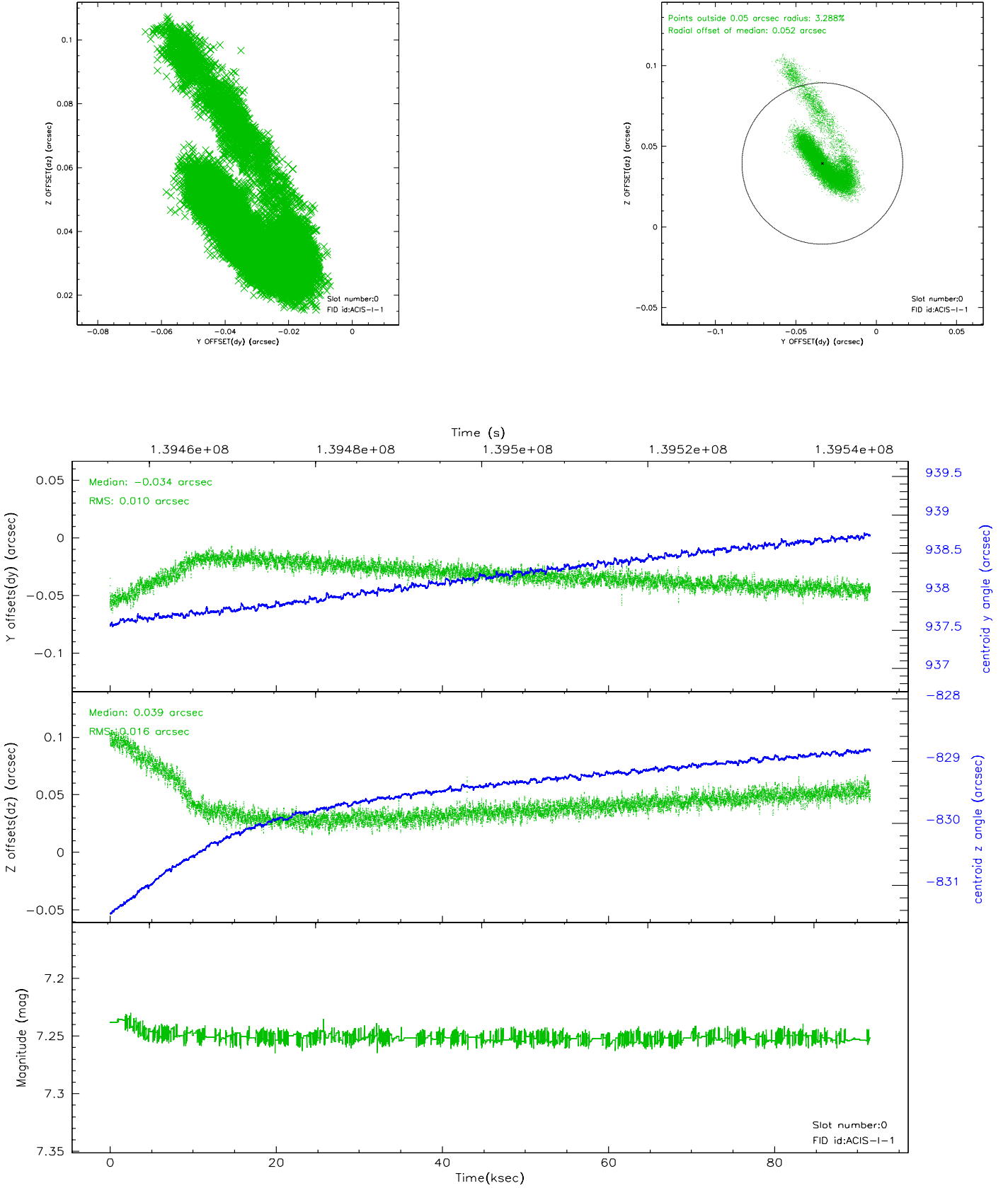


2.4.5 Slot 7

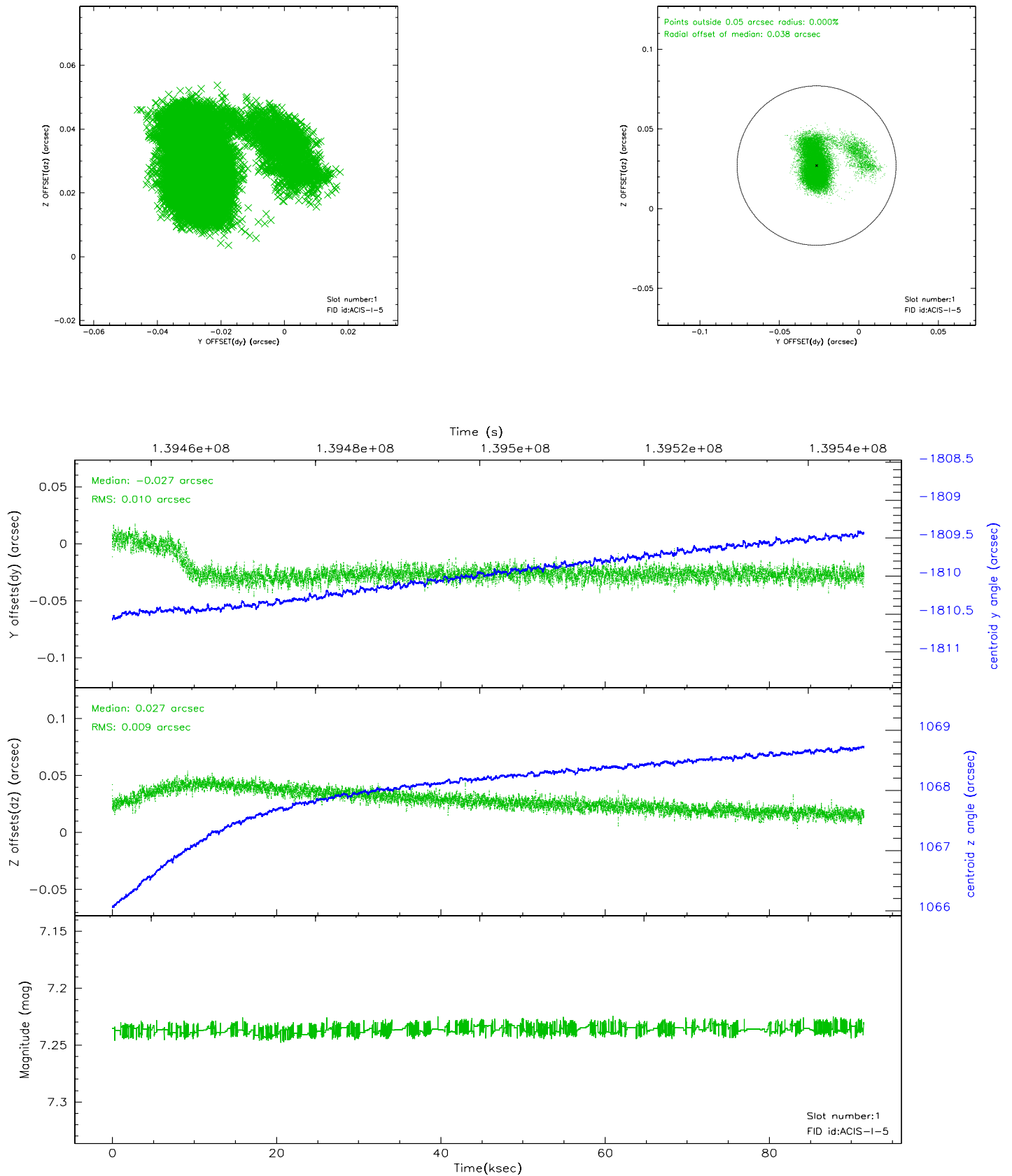


2.5 FID Slots

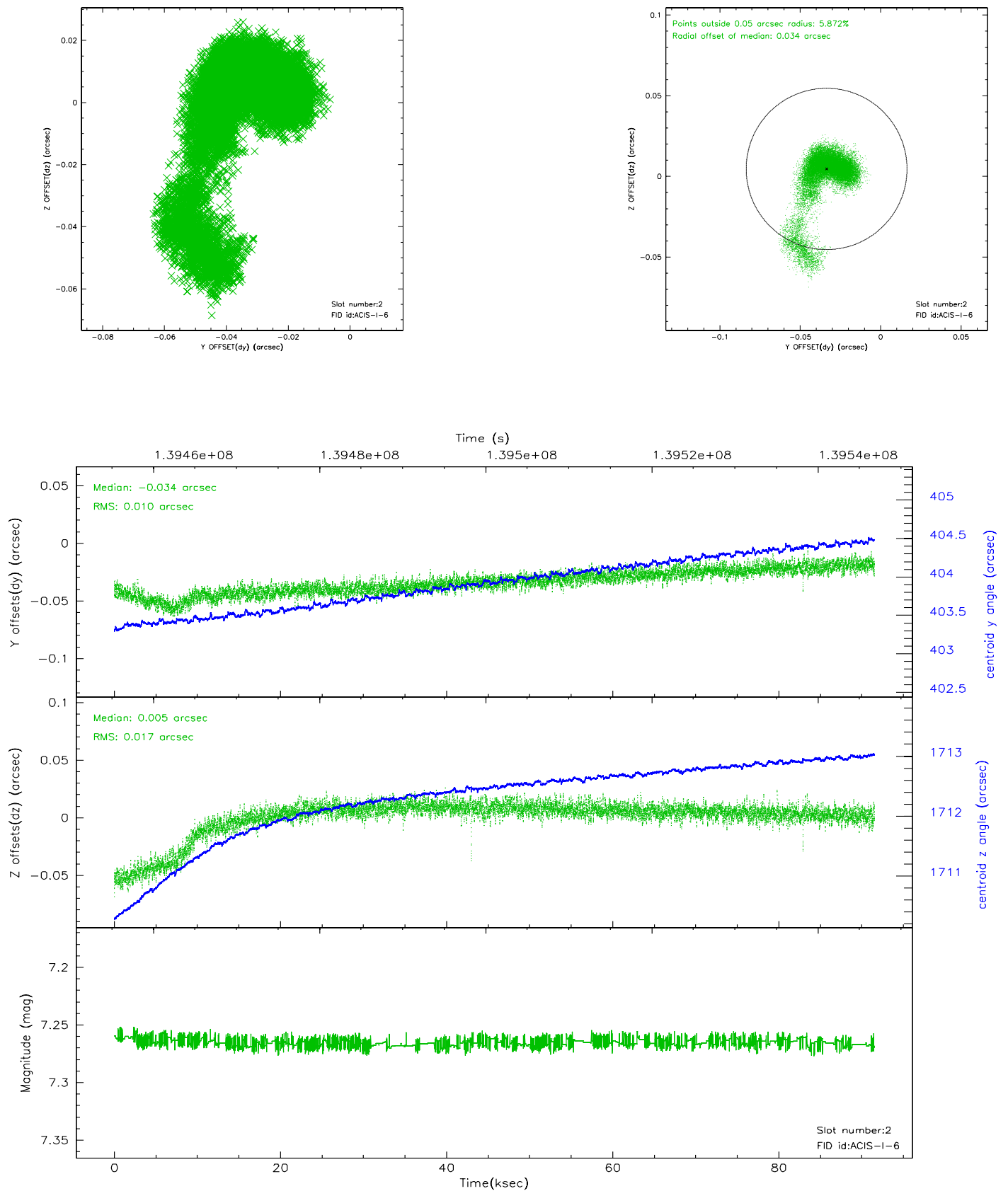
2.5.1 Slot 0



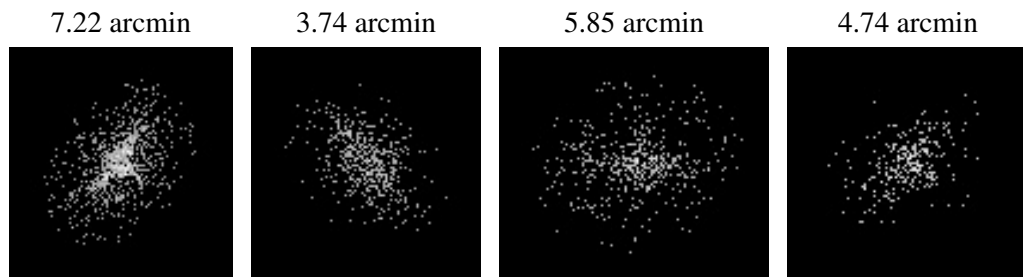
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.09.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	91.118

A.2 Comments