

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 977 - L2 Version 001
Chandra X-Ray Center

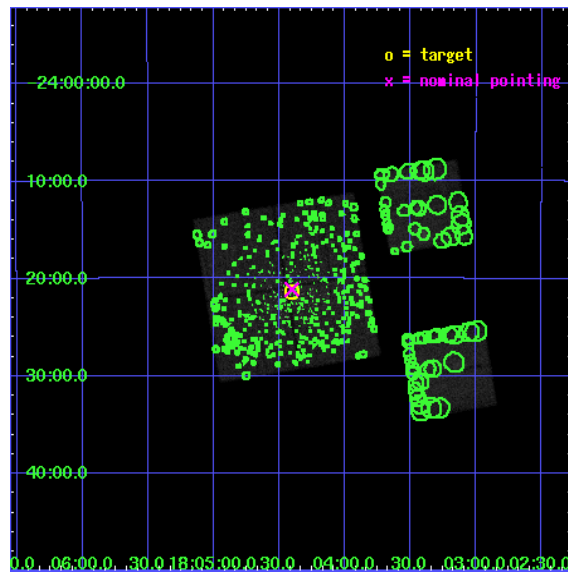
L2 Processing Date : Dec 8 2006

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1 Front

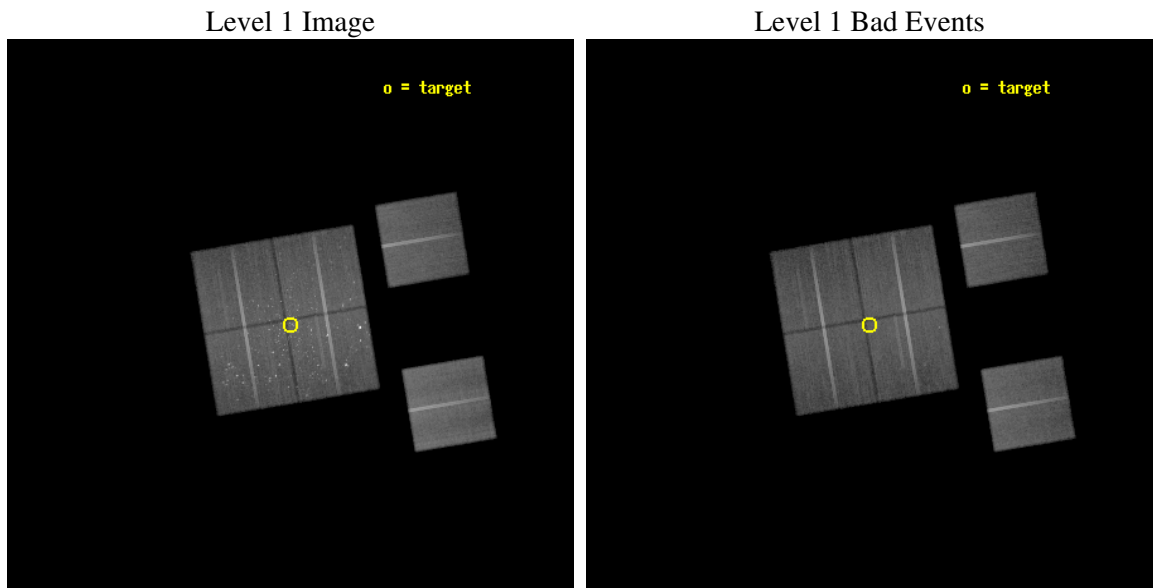
seq_num	200084
obs_id	977
title	STAR FORMING REGION NGC 6530
observer	Dr. Stephen Murray
object	NGC 6530
dtcycle	0
cycle	P
ra_targ	271.1
dec_targ	-24.355556
ra_nom	271.10096235633
dec_nom	-24.352412668052
roll_nom	80.568234620652
revision	2
ontime	60963.200056776
livetime	60191.247310025
ontime0	60963.200056776
ontime1	60959.959096536
ontime2	60963.200056776
ontime3	60963.200056776
ontime6	60953.477175966
ontime8	60956.718176141
l2events	375928



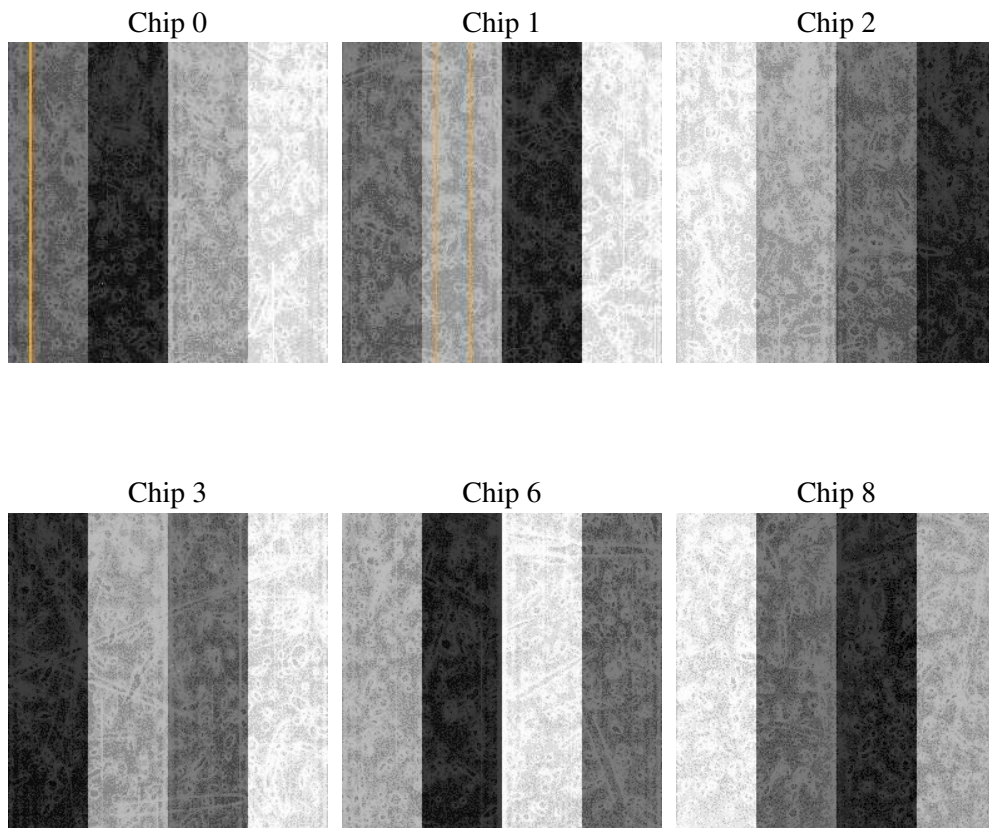
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldsver	3.2.4
date	2006-12-08T08:14:07
revision	2

sched_exp_time	61000.000000
ontime	60966.476847664
ontime0	60969.717867747
ontime1	60966.476907507
ontime2	60966.476847664
ontime3	60966.476847664
ontime6	60959.994986936
ontime8	60959.994967028
l1events	2626232

2.1.4 Events

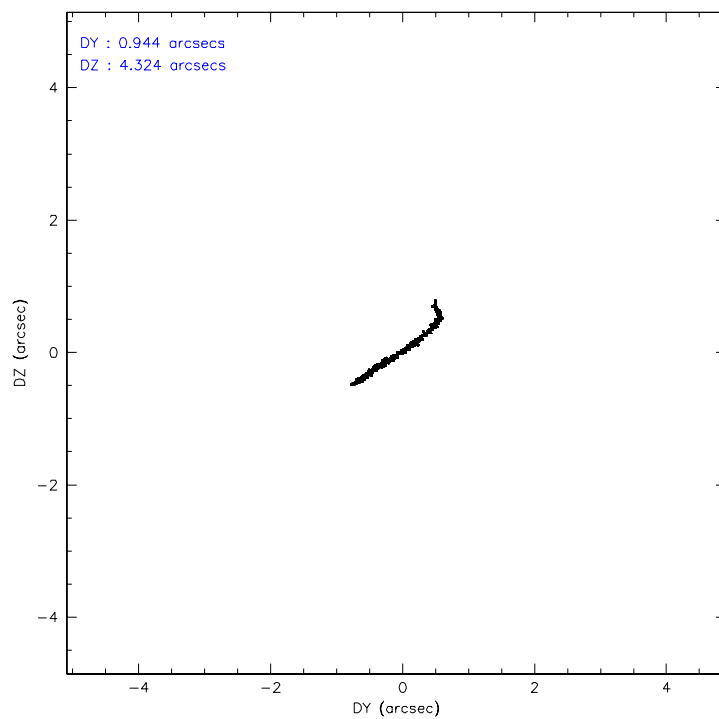
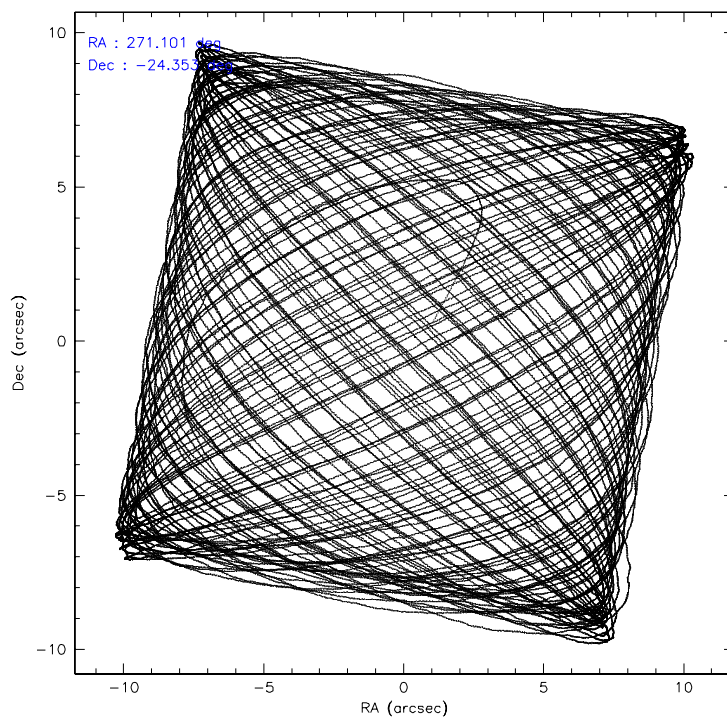
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 8
level 1 events	380576	411948	429313	460318	410644	533433
rejected events	320440	326732	363504	361095	356629	419371
rejected %	84%	79%	84%	78%	86%	78%

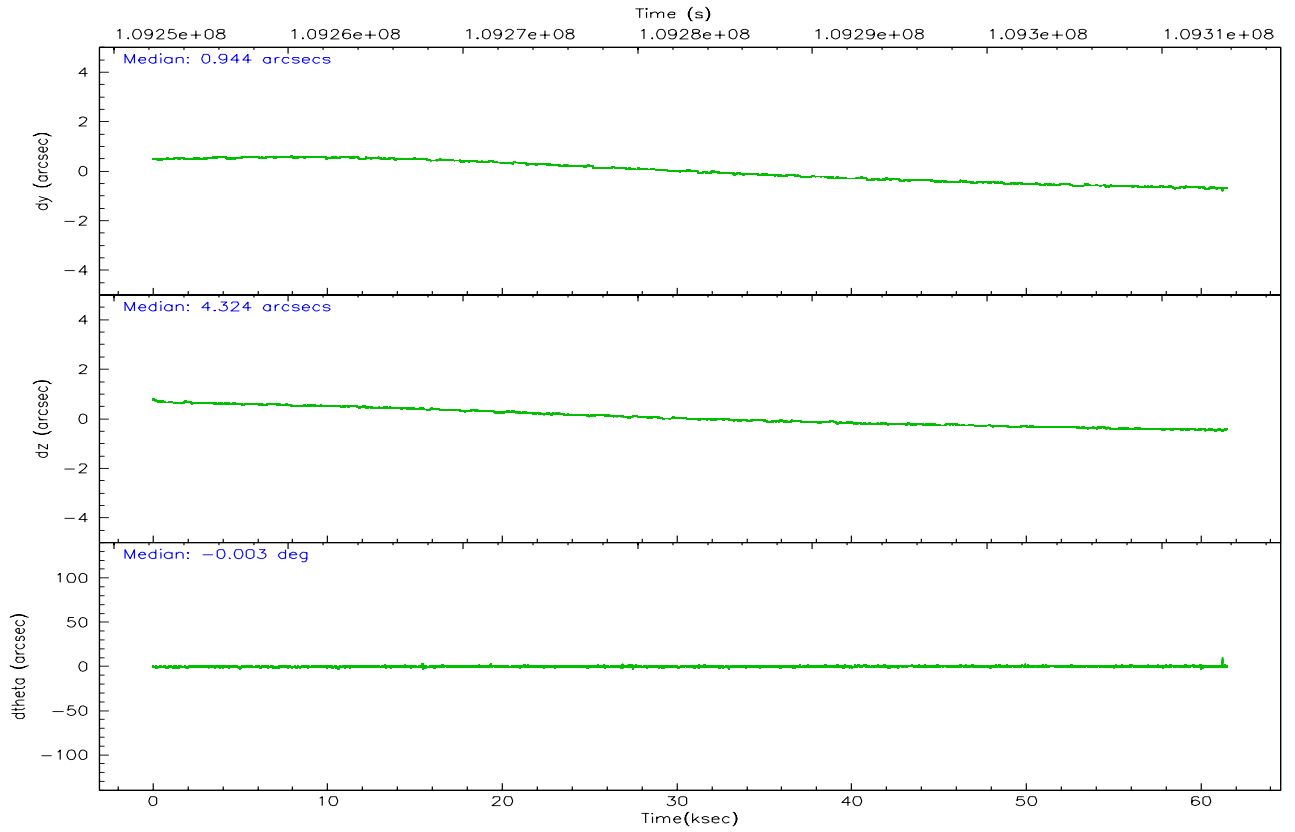
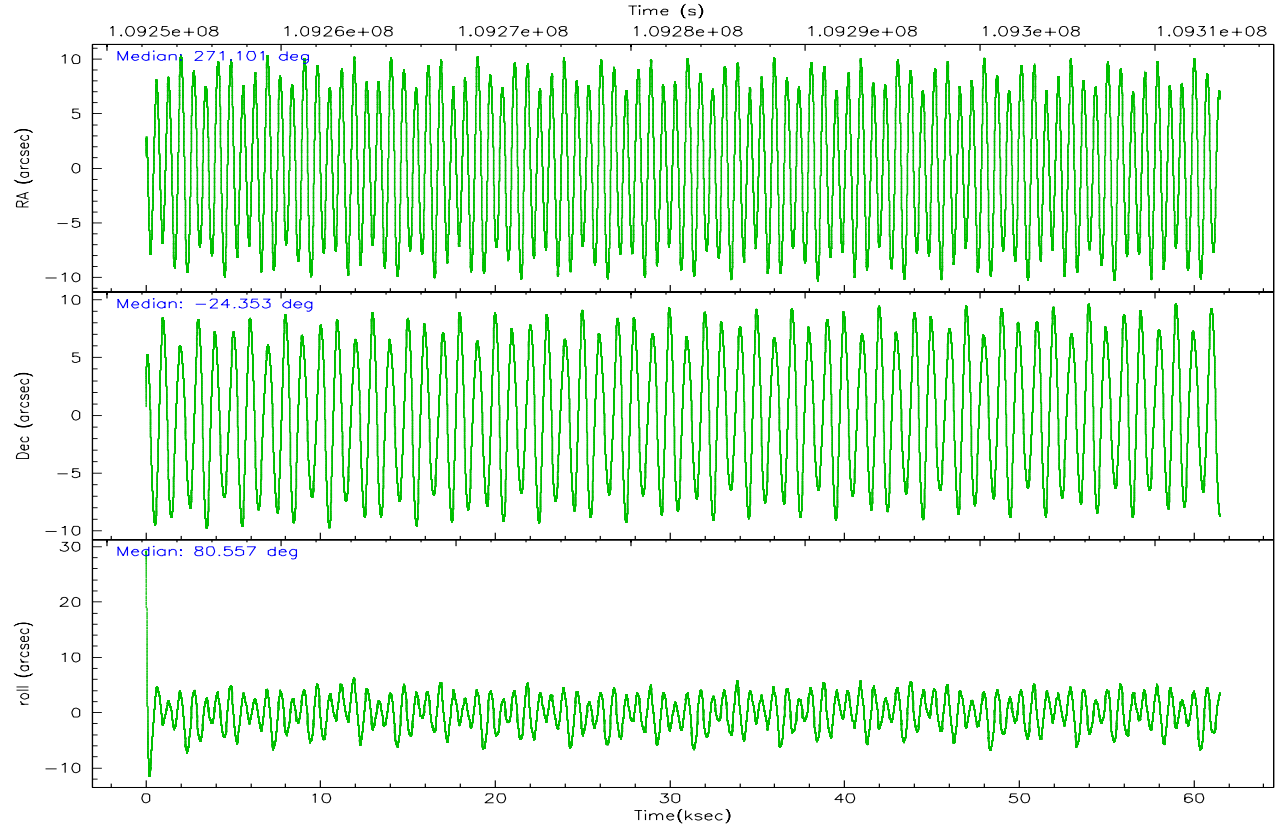
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 8
grade 0 events	30495	49218	36120	64265	24720	38099
	8%	11%	8%	13%	6%	7%
grade 1 events	239	321	267	570	212	340
	0%	0%	0%	0%	0%	0%
grade 2 events	11620	13999	11800	14449	10576	23659
	3%	3%	2%	3%	2%	4%
grade 3 events	4935	6057	4718	5618	4706	12350
	1%	1%	1%	1%	1%	2%
grade 4 events	4497	5871	4727	5705	4579	11589
	1%	1%	1%	1%	1%	2%
grade 5 events	14250	15464	13792	15367	16401	21551
	3%	3%	3%	3%	3%	4%
grade 6 events	8597	10087	8448	9190	9438	28369
	2%	2%	1%	1%	2%	5%
grade 7 events	305943	310931	349441	345154	340012	397476
	80%	75%	81%	74%	82%	74%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-012368	ACIS-012368	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	271.111571	271.1009623563305	Subarray requested	NONE	NONE
Pointing Dec	-24.378098	-24.35241266805158	Alternating exposures requested	N	N
Pointing Roll	80.363911	80.56823462065169	Primary exposure time	0.000000	3.2
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	109252753.184000	109251626.56449			
Observation start date	2001-06-18T11:58:09	2001-06-18T11:40:26			
Observation end time	109313753.184000	109314370.40443			
Observation end date	2001-06-19T04:54:49	2001-06-19T05:06:10			
Read mode	TIMED	TIMED			

2.3 Aspect



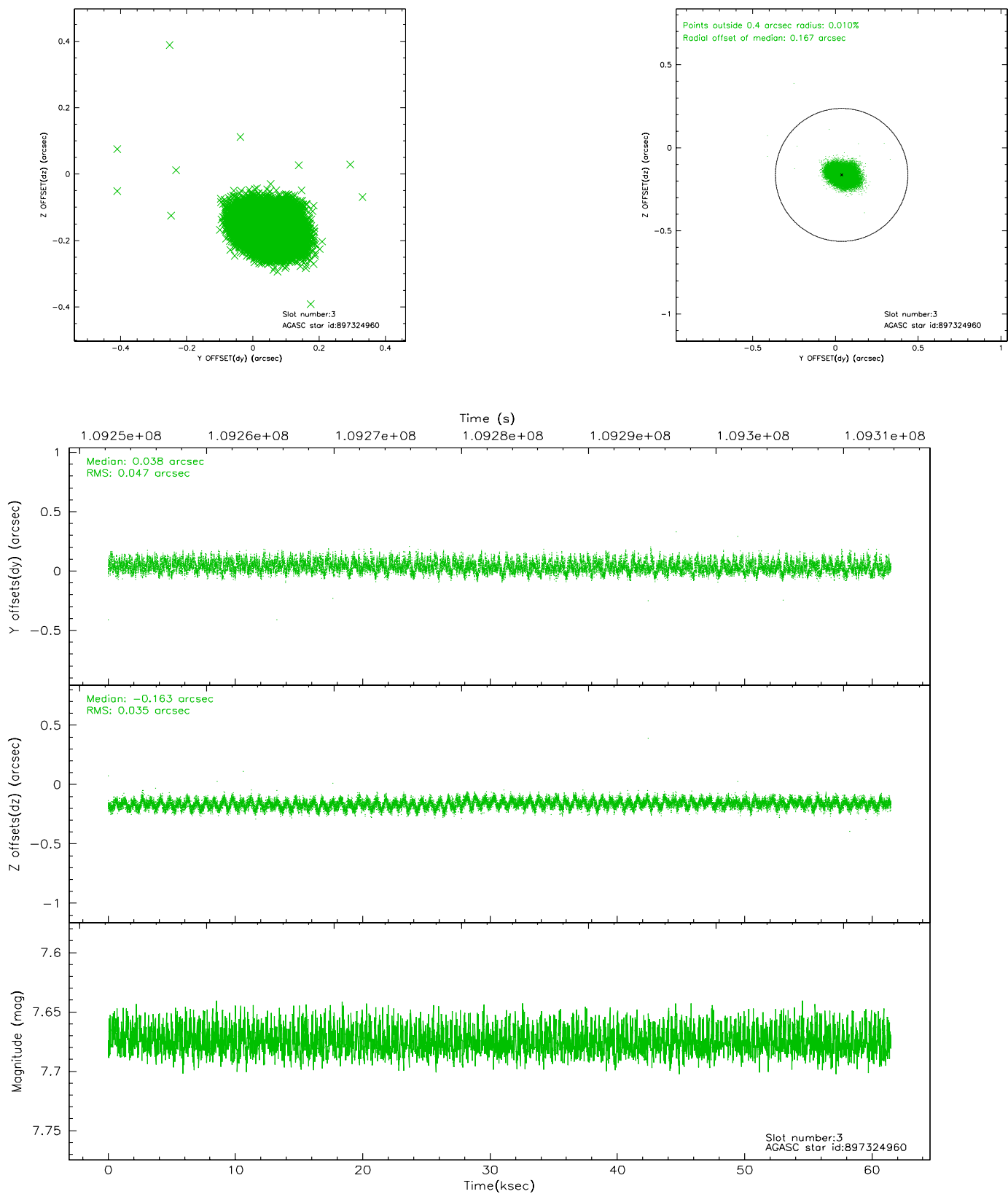


Slot Statistics

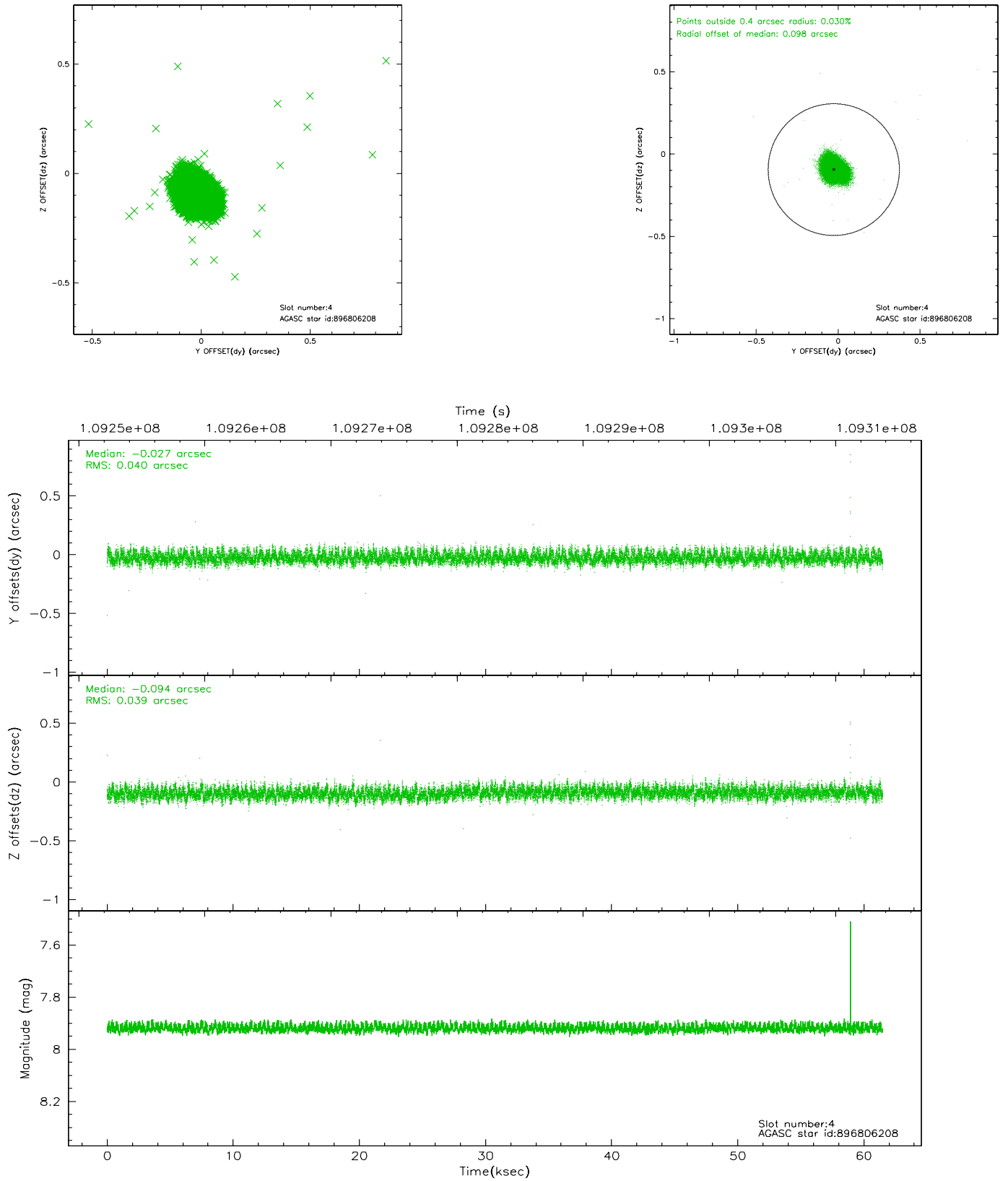
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-2	7.14	14994	-0.023	-0.023	0.014	0.021	0.000000	0.000000	-755.27	-834.10
1	FID	ACIS-I-4	7.19	14997	-0.038	0.029	0.031	0.041	0.000000	0.000000	2158.76	1072.16
2	FID	ACIS-I-5	7.23	14992	-0.035	0.064	0.018	0.026	0.000000	0.000000	-1809.18	1069.97
3	GUIDE	897324960	7.67	30000	0.038	-0.163	0.062	0.099	270.333871	-24.632185	-1334.53	2354.10
4	GUIDE	896806208	7.92	29987	-0.027	-0.094	0.058	0.094	270.466849	-24.367317	-320.19	2089.78
5	GUIDE	896807640	8.67	29992	-0.066	0.158	0.078	0.127	271.824872	-24.262383	797.85	-2239.17
6	GUIDE	896806400	7.51	29974	0.063	-0.028	0.069	0.103	270.986845	-24.312531	164.85	442.59
7	GUIDE	897319440	7.77	29997	-0.012	0.129	0.059	0.091	271.242462	-24.680808	-1001.99	-604.87

2.4 Star Slots

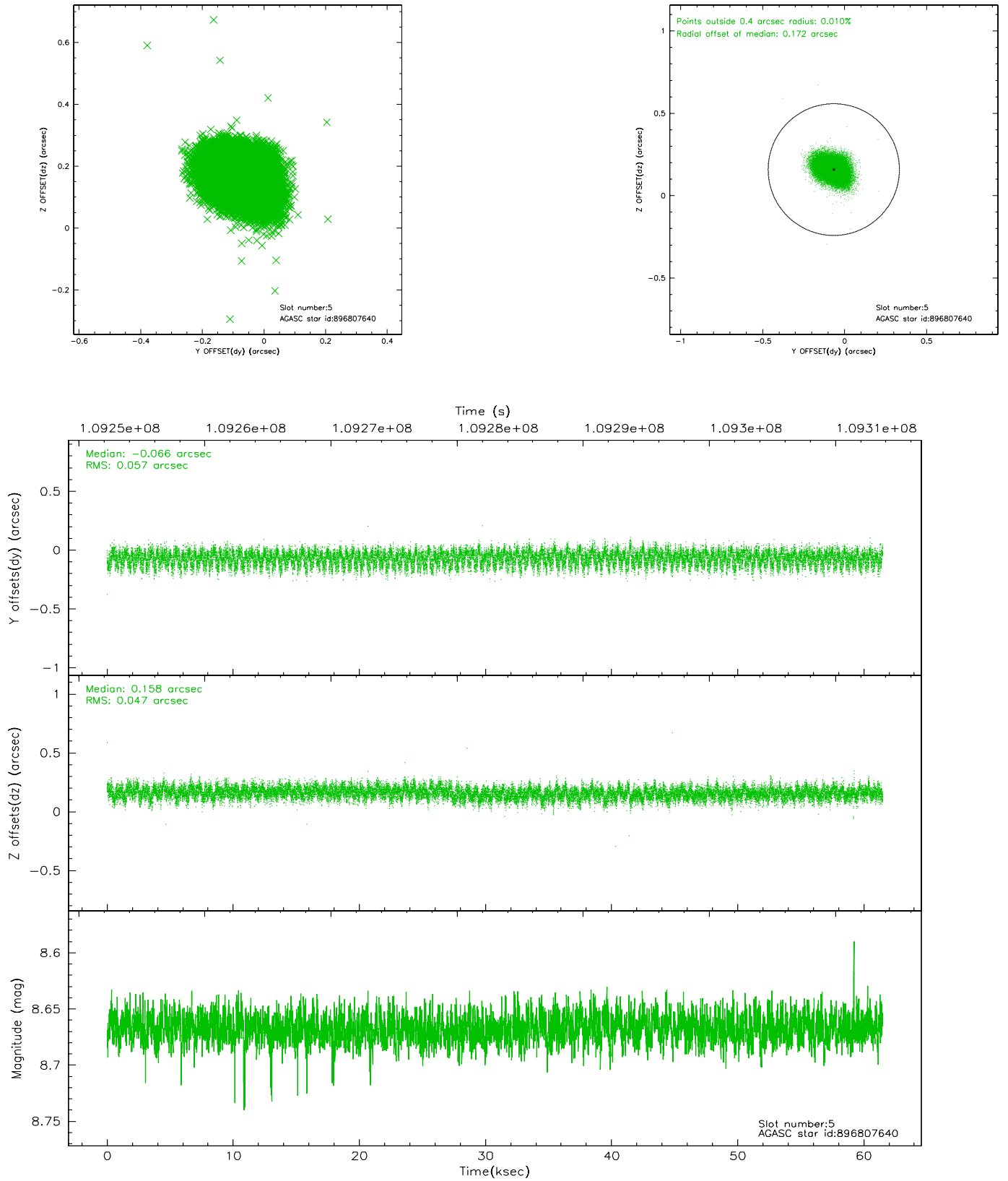
2.4.1 Slot 3



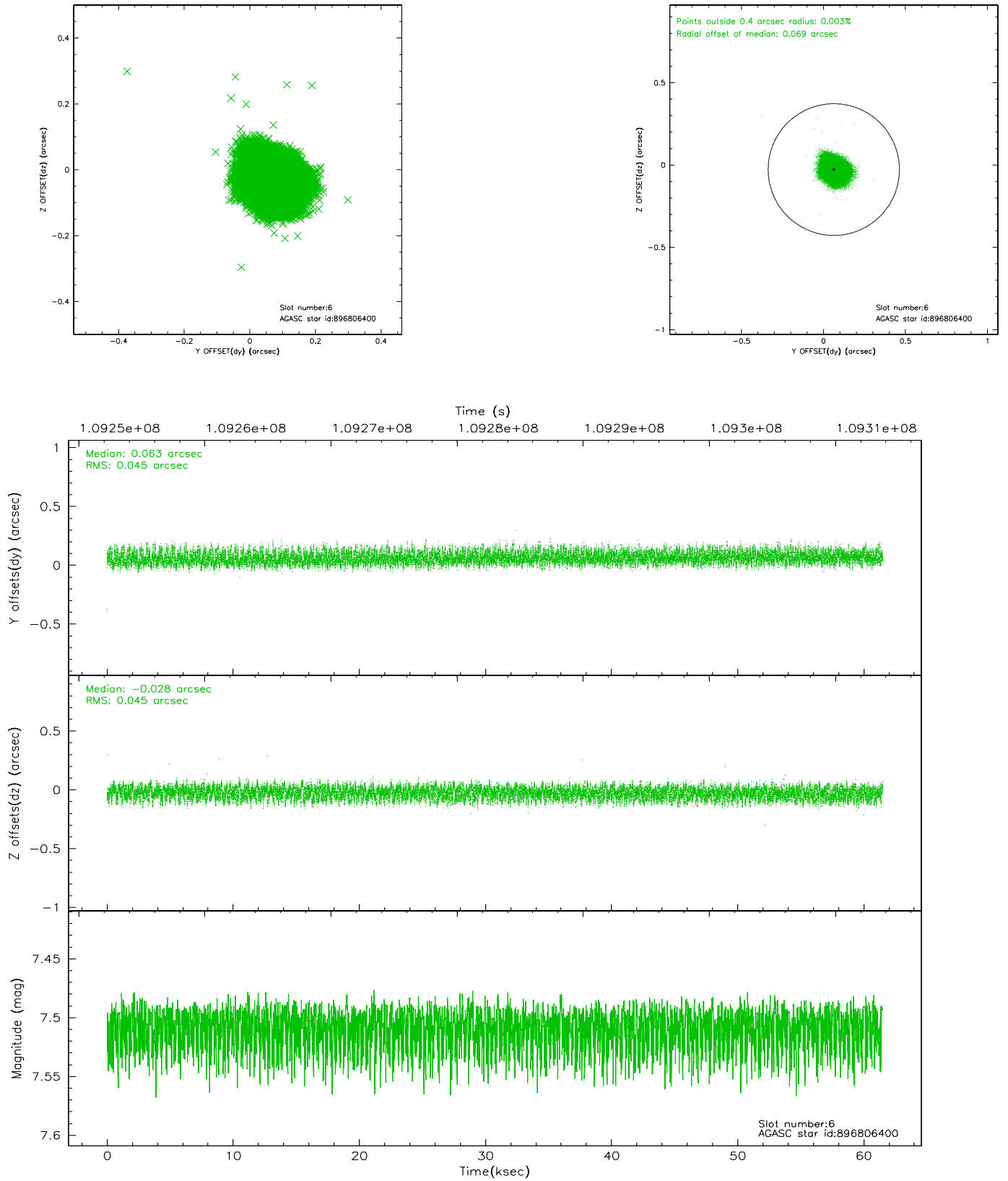
2.4.2 Slot 4



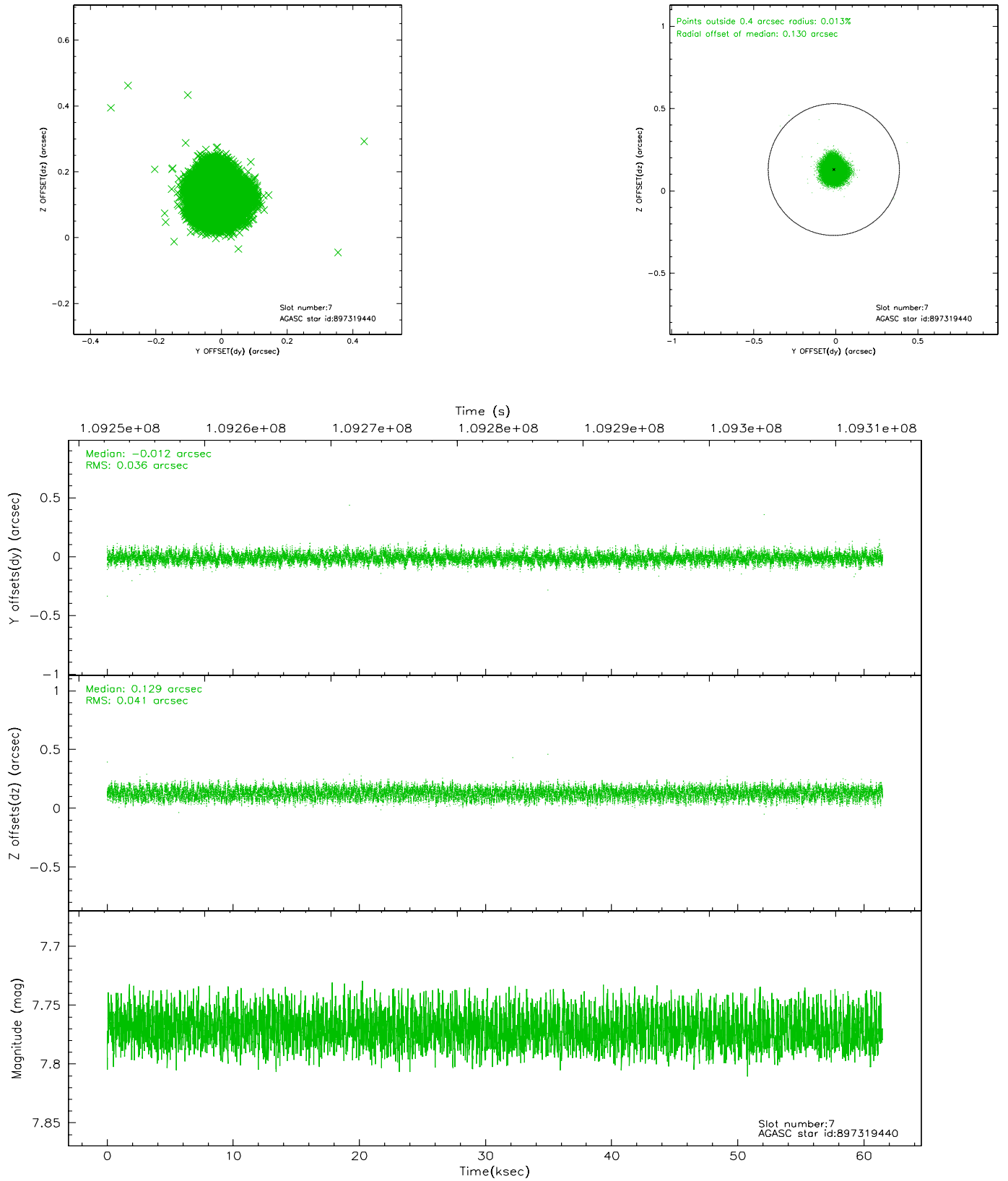
2.4.3 Slot 5



2.4.4 Slot 6

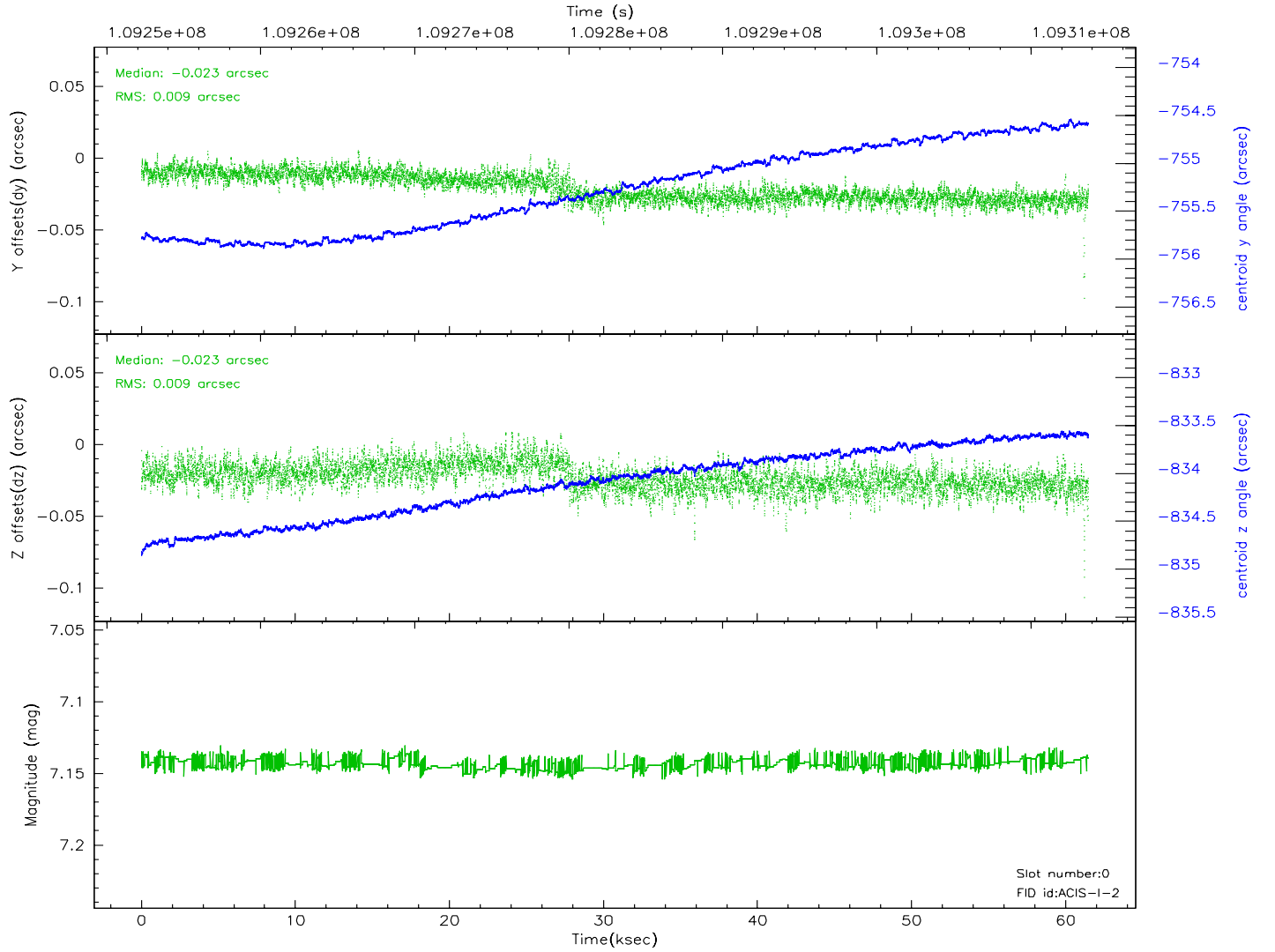
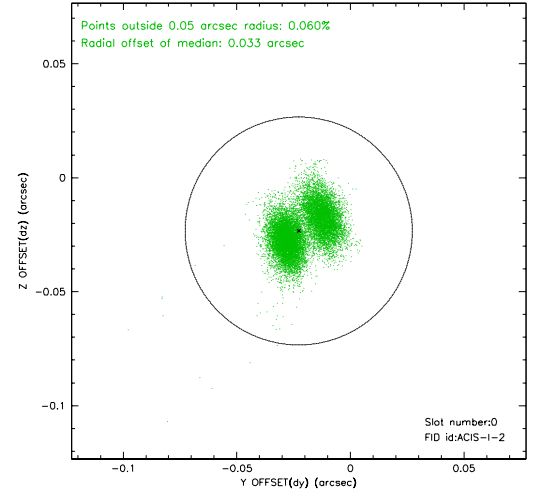
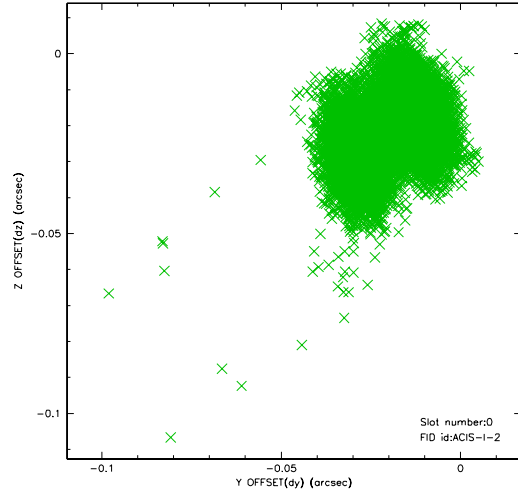


2.4.5 Slot 7

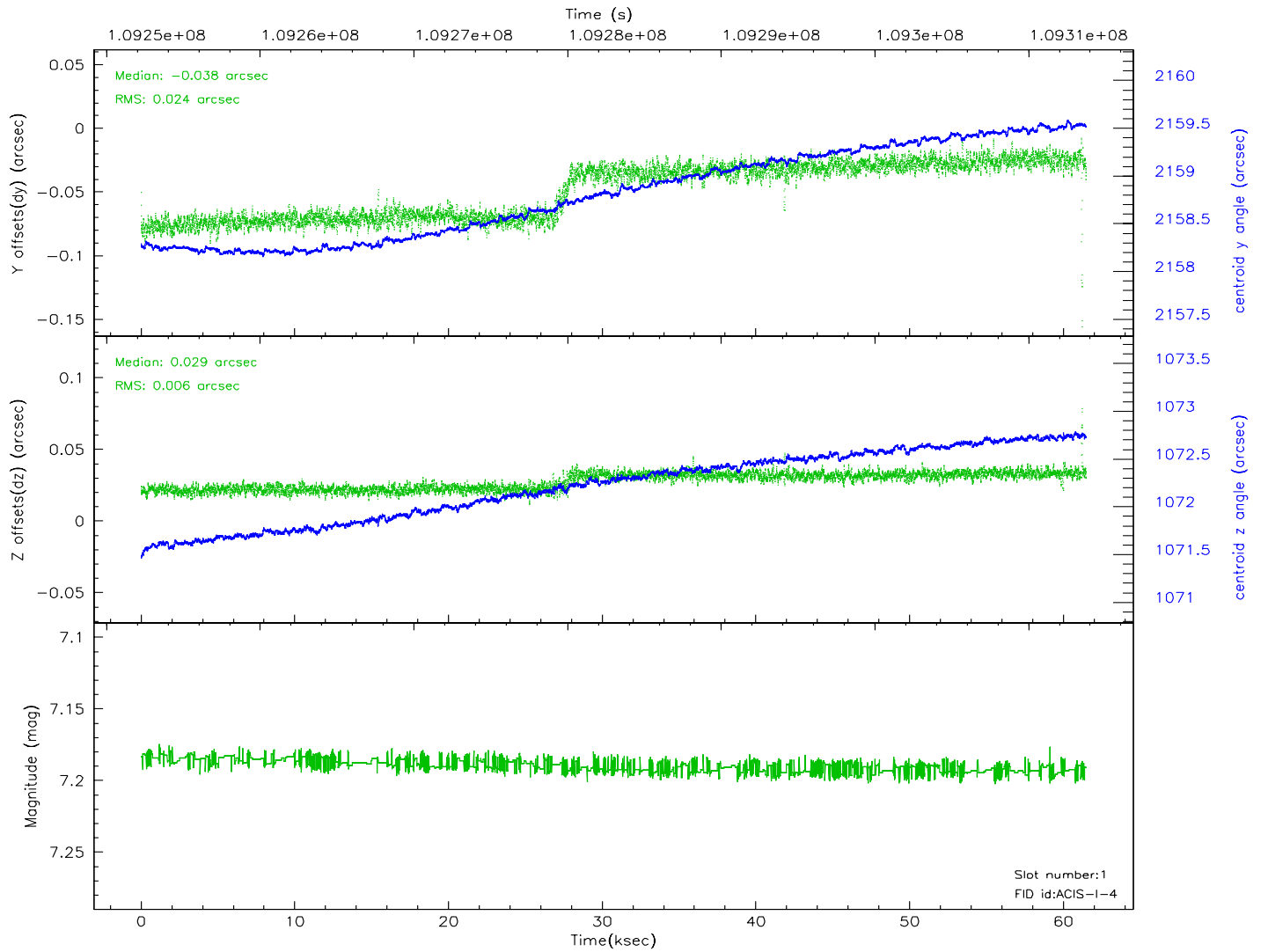
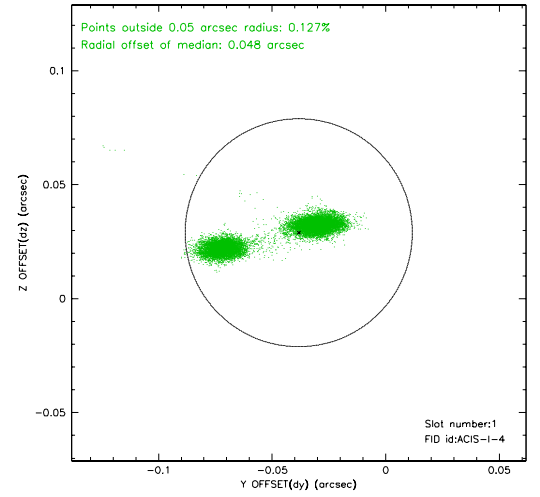
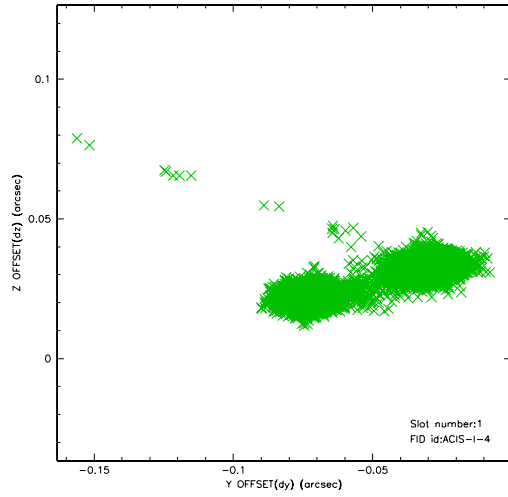


2.5 FID Slots

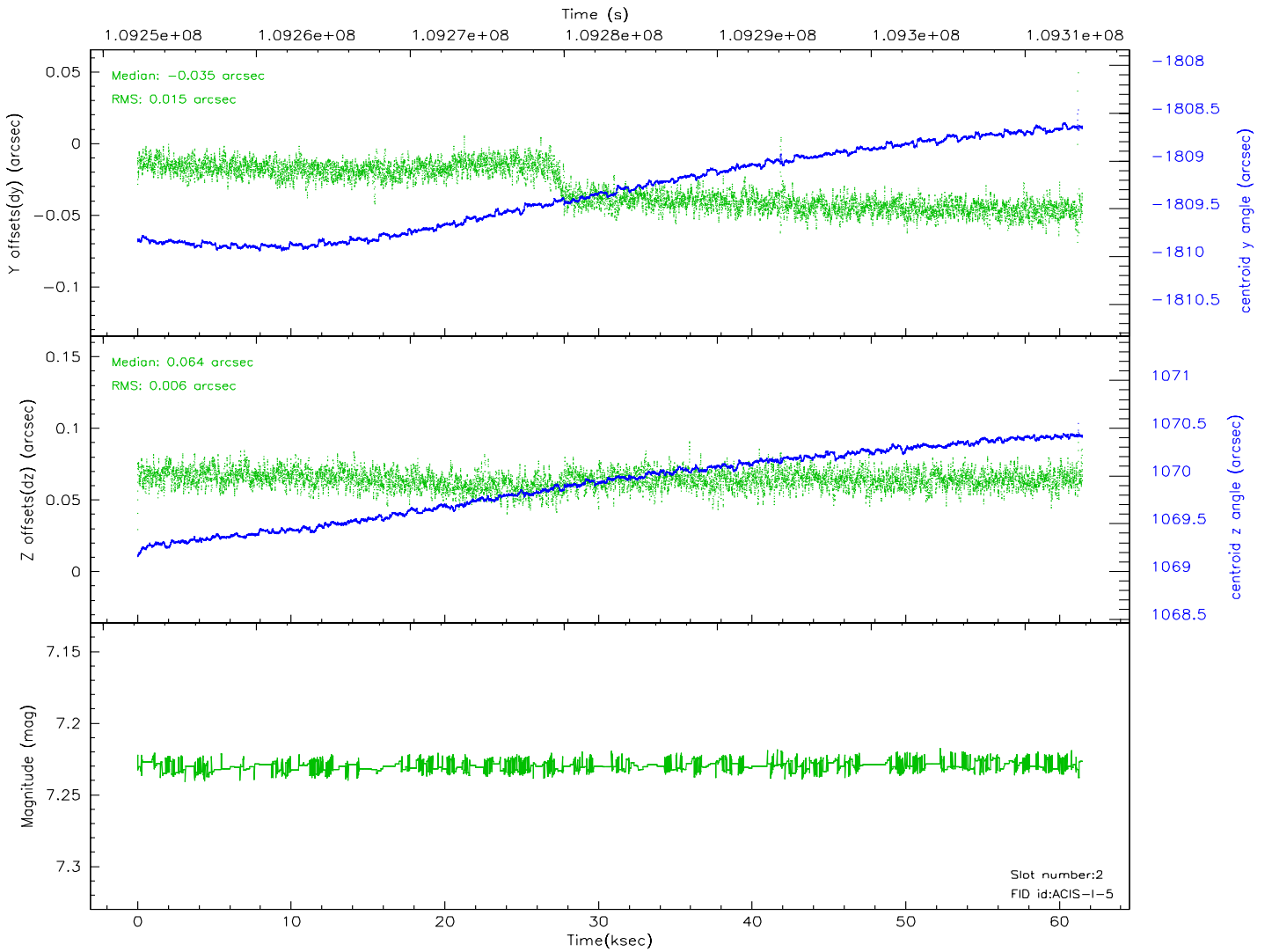
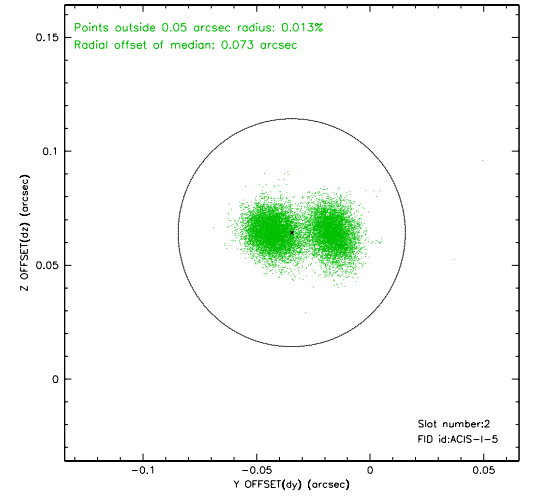
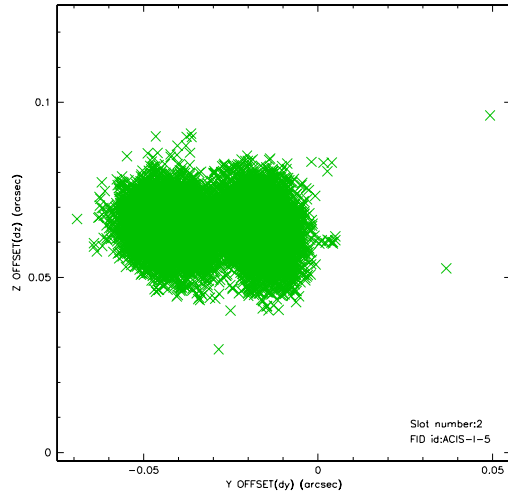
2.5.1 Slot 0



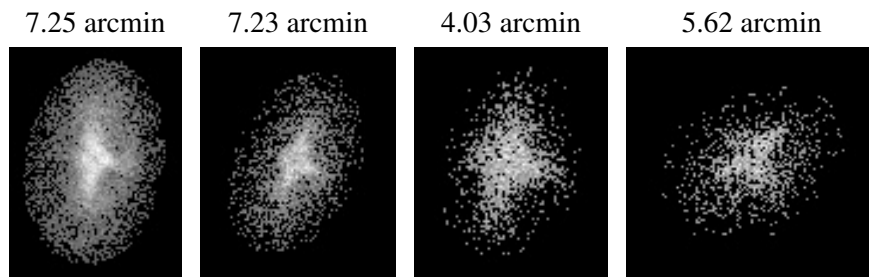
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.12.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	60.928

A.2 Comments