

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 4514 - L2 Version 001
Chandra X-Ray Center

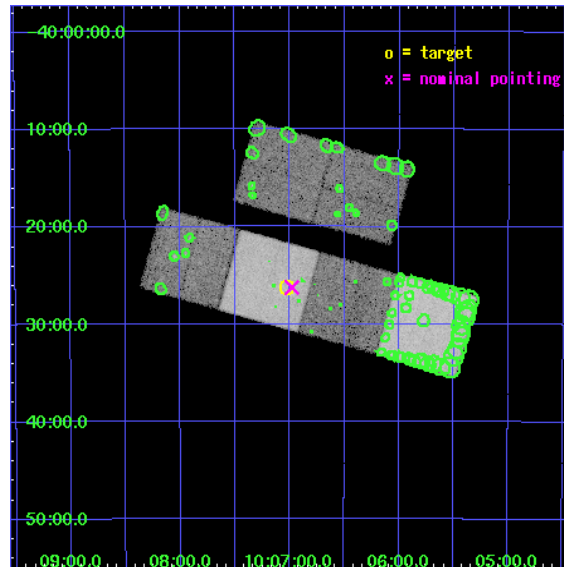
L2 Processing Date : Apr 26 2006

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1 Front

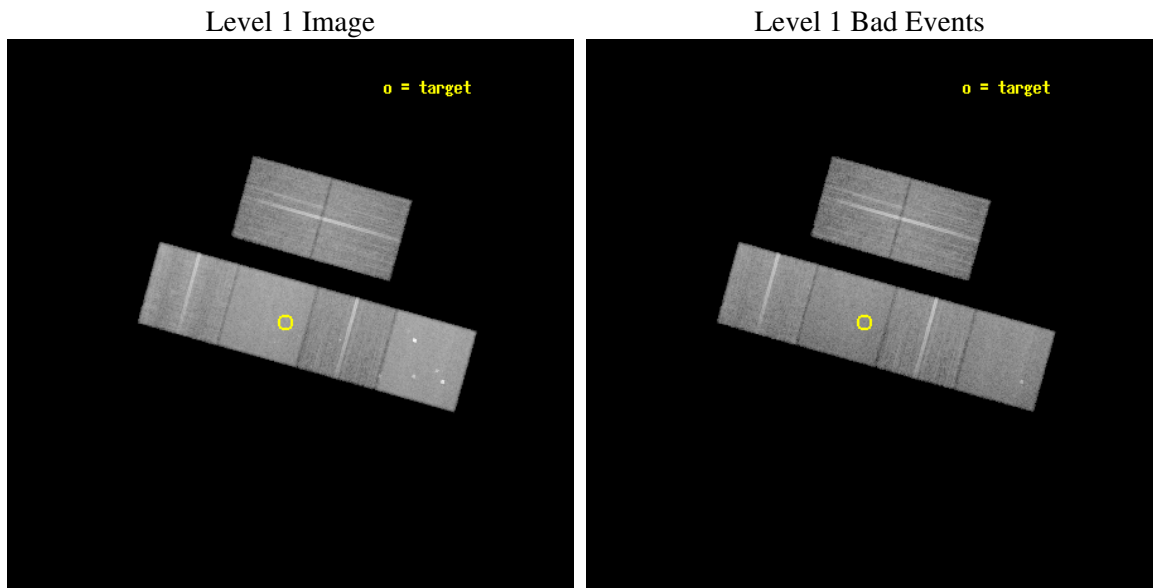
seq_num	200283
obs_id	4514
title	Probing Colliding Winds and Magnetised Stars in Young, Multipolar Planetary Nebulae
observer	Dr. Raghvendra Sahai
object	NGC3132
dtcycle	0
cycle	P
ra_targ	151.7575
dec_targ	-40.436389
ra_nom	151.74487847669
dec_nom	-40.437316428545
roll_nom	195.54824506751
revision	2
ontime	24281.599909544
livetime	23974.131670865
ontime2	24281.599909544
ontime3	24281.599909544
ontime5	24281.599909544
ontime6	24281.599909544
ontime7	24281.599909544
ontime8	24281.599909544
l2events	277935



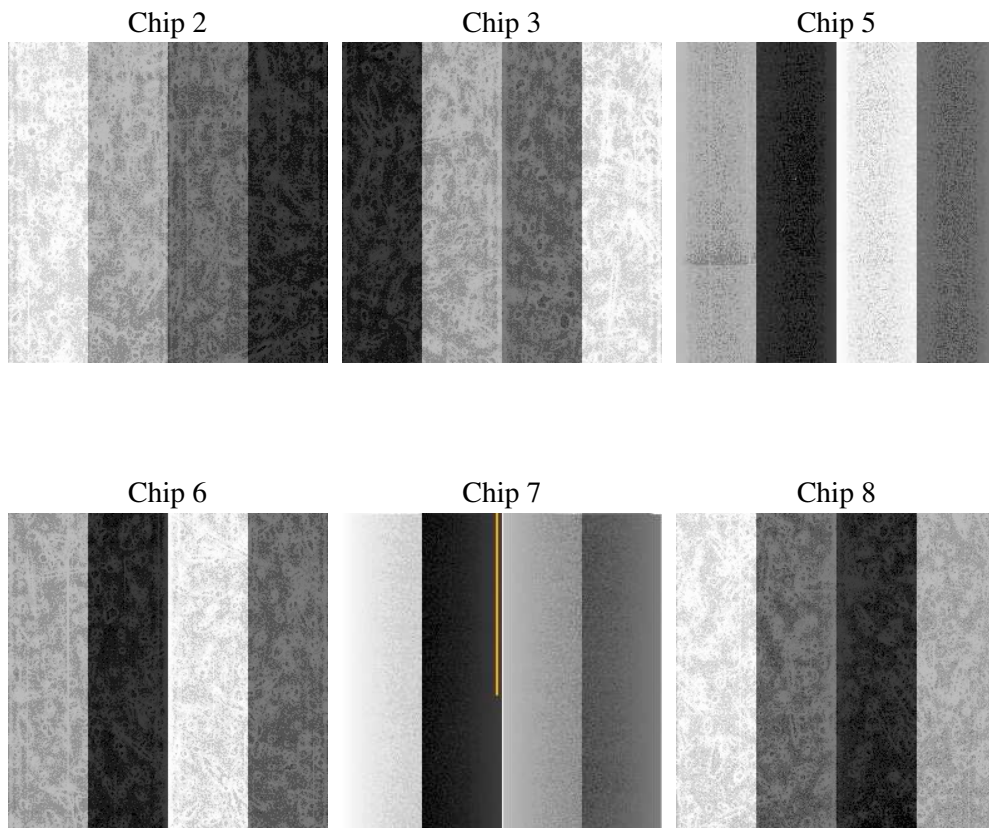
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	3
ascdsver	7.6.7.2
caldsver	3.2.1
date	2006-04-26T16:46:42
revision	2

sched_exp_time	24125.896000
ontime	24793.652362674
ontime2	24793.652332783
ontime3	24793.652332783
ontime5	24793.652362674
ontime6	24793.652332783
ontime7	24793.652362674
ontime8	24793.652332783
l1events	1271907

2.1.4 Events

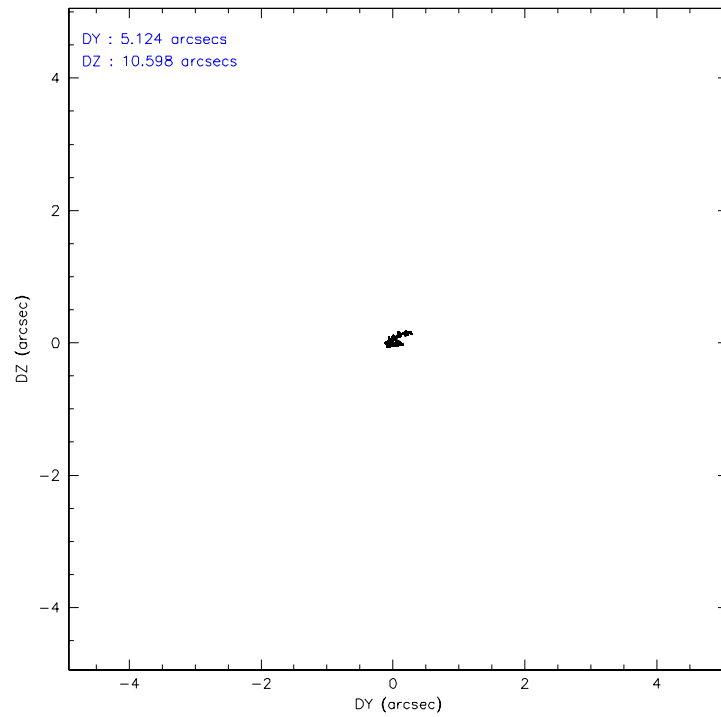
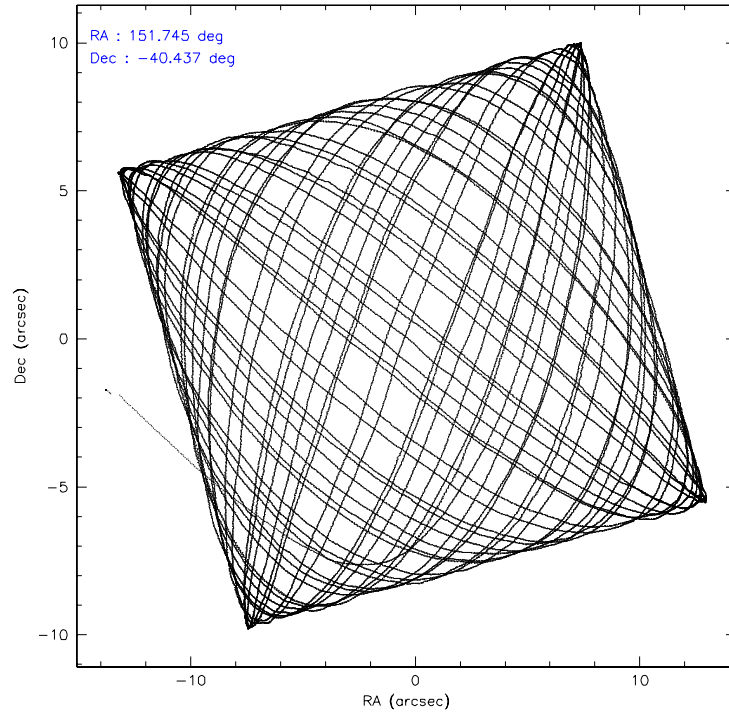
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	181293	171763	270610	178188	242934	227119
rejected events	159666	150740	150388	156409	150910	177687
rejected %	88%	87%	55%	87%	62%	78%

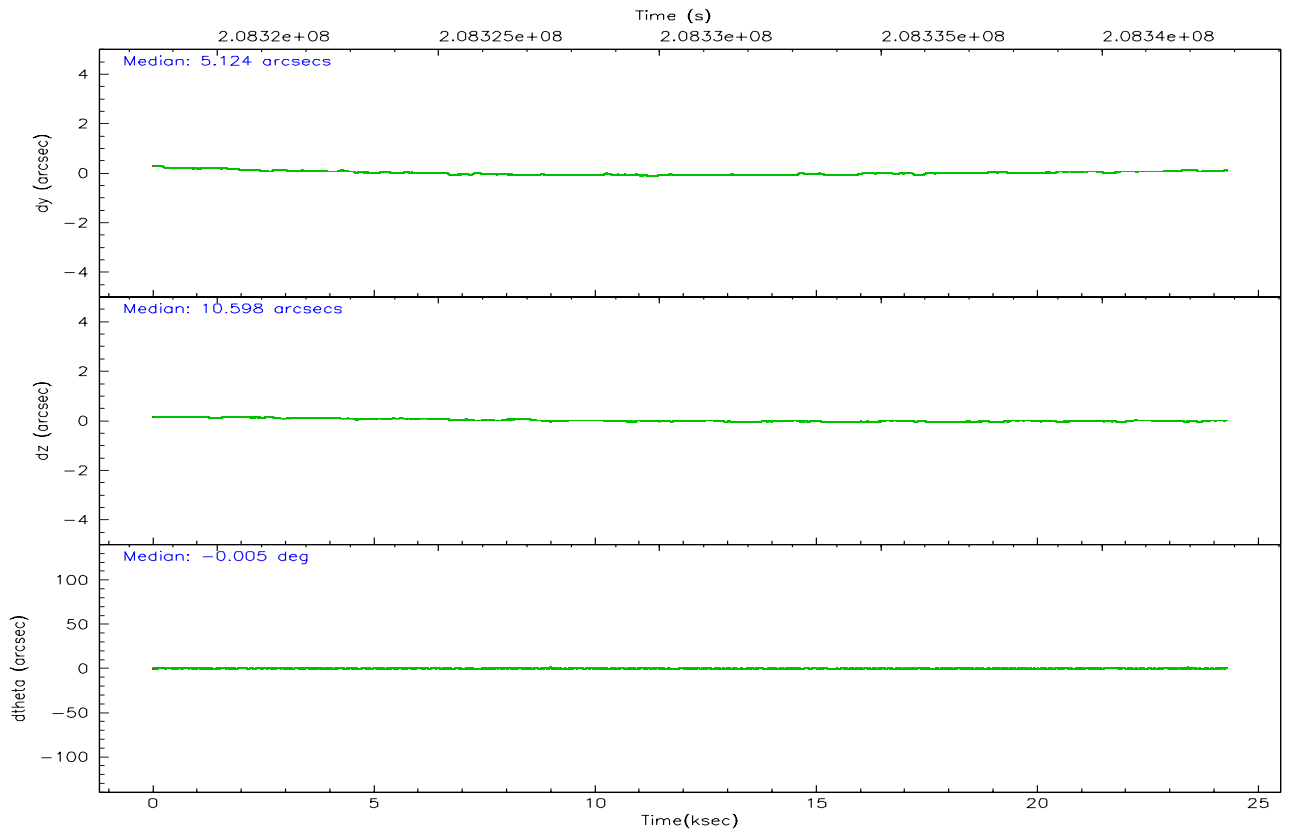
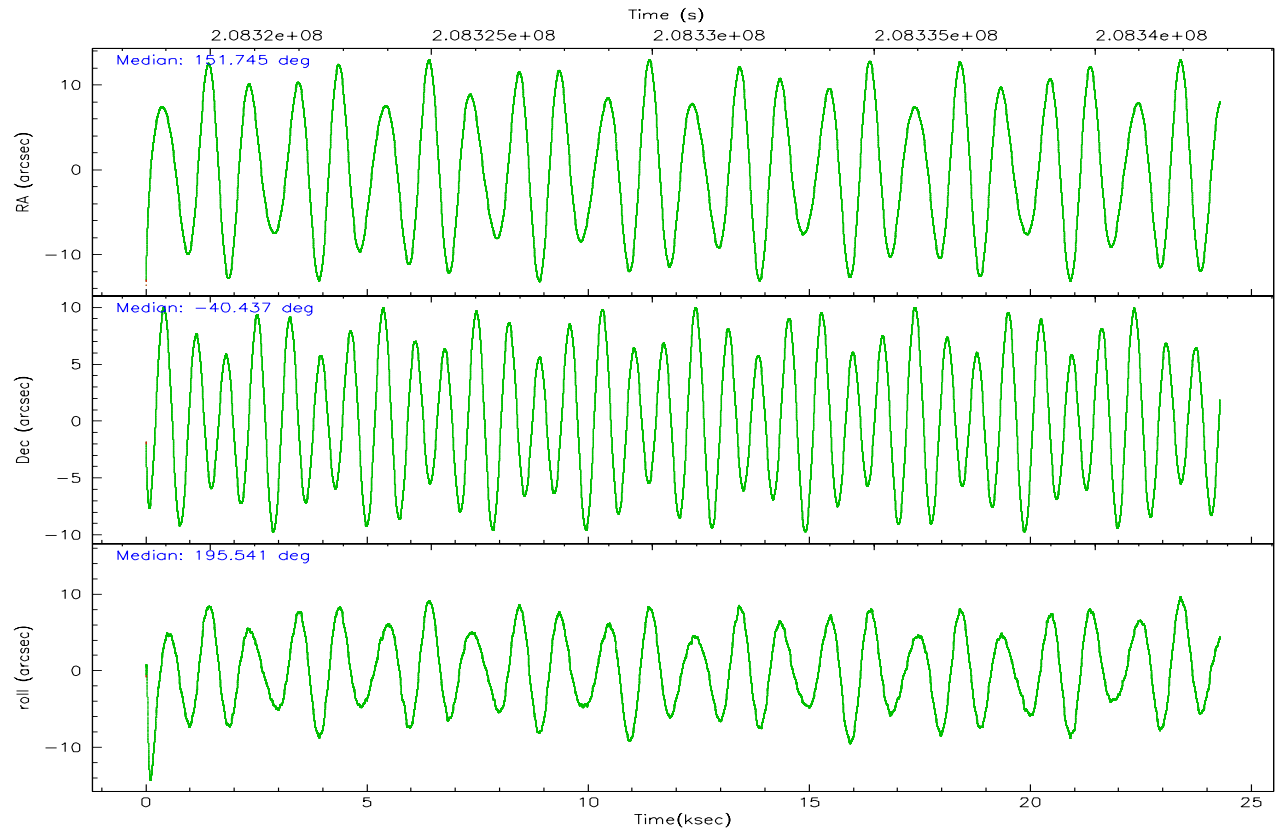
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	10193	9667	11866	9397	5488	16456
	5%	5%	4%	5%	2%	7%
grade 1 events	103	108	207	97	149	135
	0%	0%	0%	0%	0%	0%
grade 2 events	4513	4070	38275	4495	23303	10924
	2%	2%	14%	2%	9%	4%
grade 3 events	1937	2080	2599	2027	4558	5154
	1%	1%	0%	1%	1%	2%
grade 4 events	1897	2063	2453	2126	4429	4832
	1%	1%	0%	1%	1%	2%
grade 5 events	7123	7804	12725	8073	15767	10655
	3%	4%	4%	4%	6%	4%
grade 6 events	3543	3593	67571	4211	56207	13173
	1%	2%	24%	2%	23%	5%
grade 7 events	151984	142378	134914	147762	133033	165790
	83%	82%	49%	82%	54%	72%

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	NONE	NONE
Pointing RA	151.769548	151.7448784766863	Alternating exposures requested	N	N
Pointing Dec	-40.417610	-40.4373164285449	Primary exposure time	0.000000	3.2
Pointing Roll	195.407605	195.5482450675057			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
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	208318714.184000	208317401.01006			
Observation start date	2004-08-08T02:17:30	2004-08-08T01:56:41			
Observation end time	208342840.184000	208343062.91121			
Observation end date	2004-08-08T08:59:36	2004-08-08T09:04:22			
Read mode	TIMED	TIMED			

2.3 Aspect



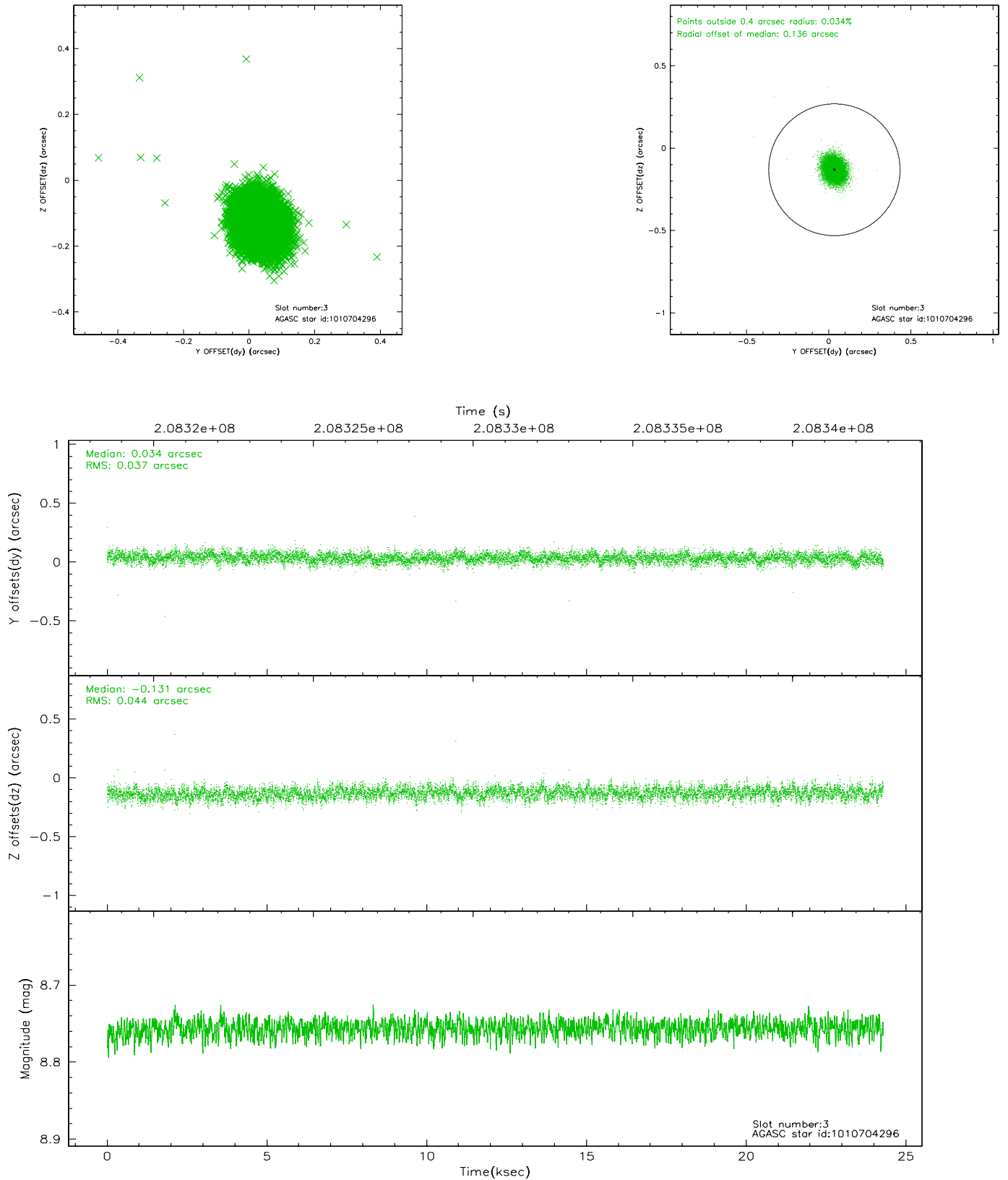


Slot Statistics

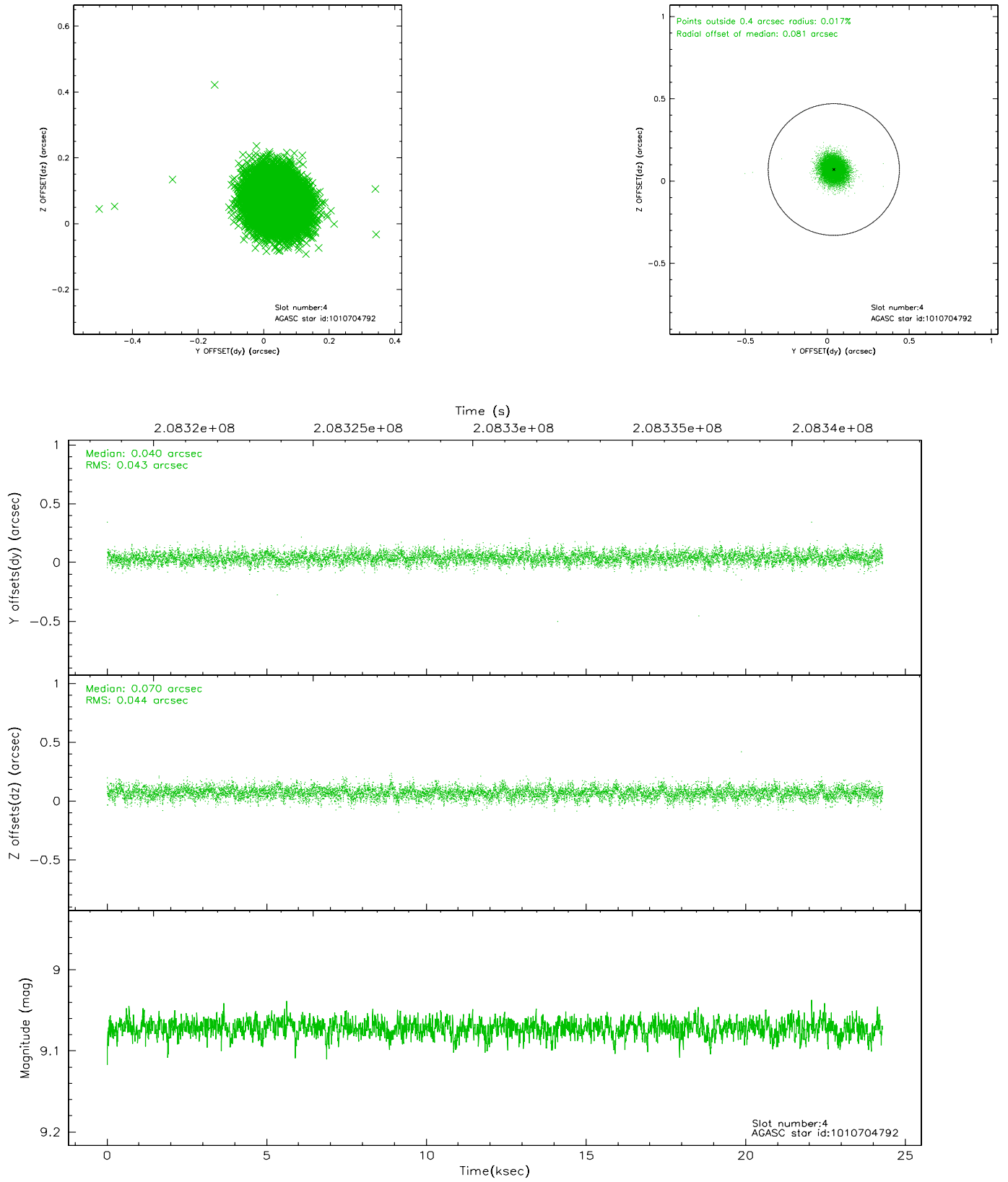
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	5924	-0.061	-0.007	0.006	0.010	0.000000	0.000000	-757.87	-1731.85
1	FID	ACIS-S-4	7.21	5924	0.079	0.031	0.005	0.009	0.000000	0.000000	2155.45	176.58
2	FID	ACIS-S-5	7.23	5925	-0.049	-0.015	0.006	0.010	0.000000	0.000000	-1810.57	170.29
3	GUIDE	1010704296	8.76	11845	0.034	-0.131	0.059	0.097	151.499489	-40.072904	388.29	-1392.57
4	GUIDE	1010704792	9.07	11843	0.040	0.070	0.065	0.105	151.848656	-40.281198	-339.55	-415.61
5	GUIDE	1010705480	9.18	11846	-0.044	0.083	0.073	0.118	152.127932	-40.624919	-745.21	981.68
6	GUIDE	1010717488	8.07	11846	-0.011	-0.015	0.062	0.096	151.500093	-40.864808	1135.26	1358.60
7	GUIDE	1010714816	8.83	11846	-0.017	-0.008	0.068	0.114	152.364715	-40.473995	-1515.51	633.93

2.4 Star Slots

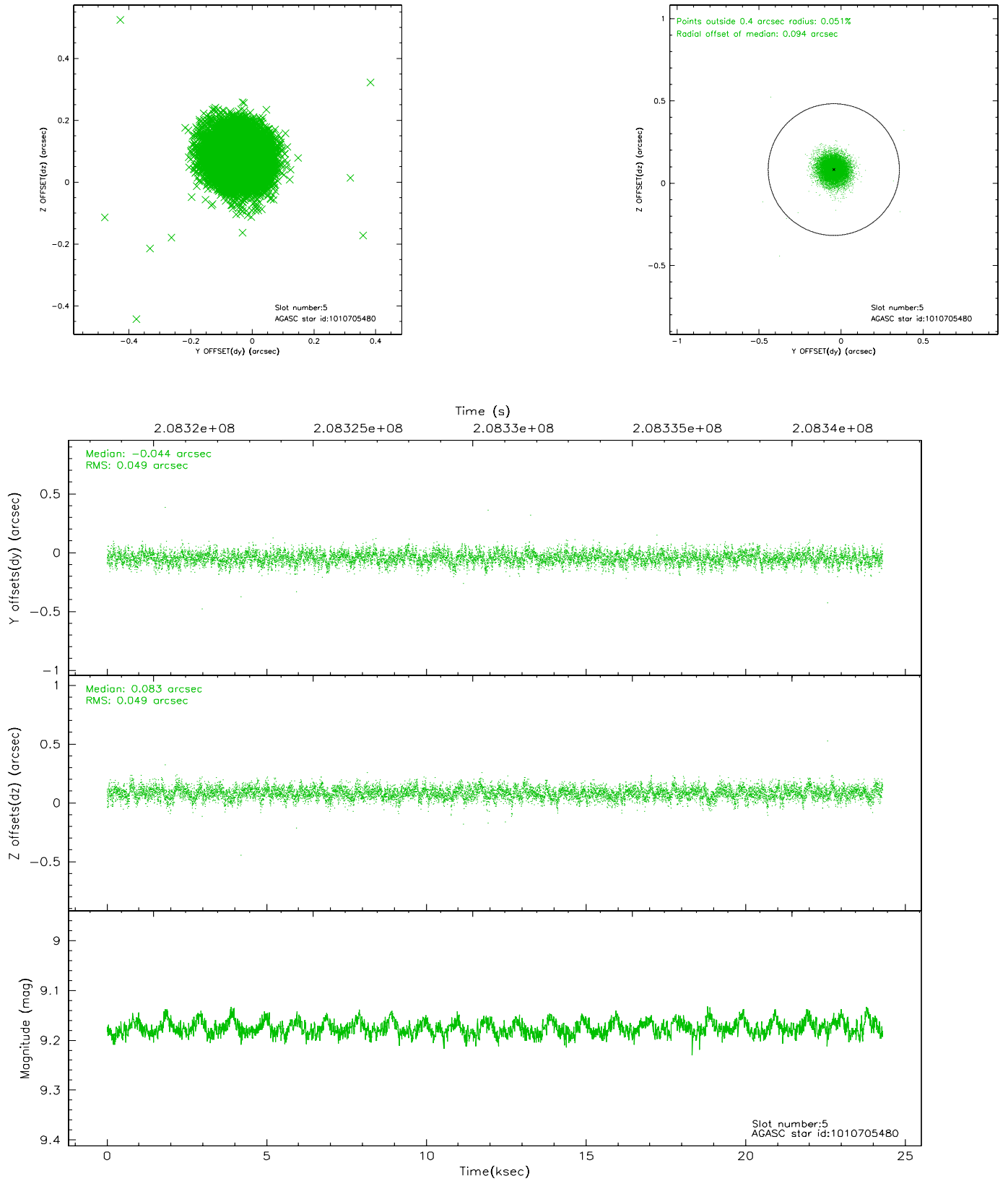
2.4.1 Slot 3



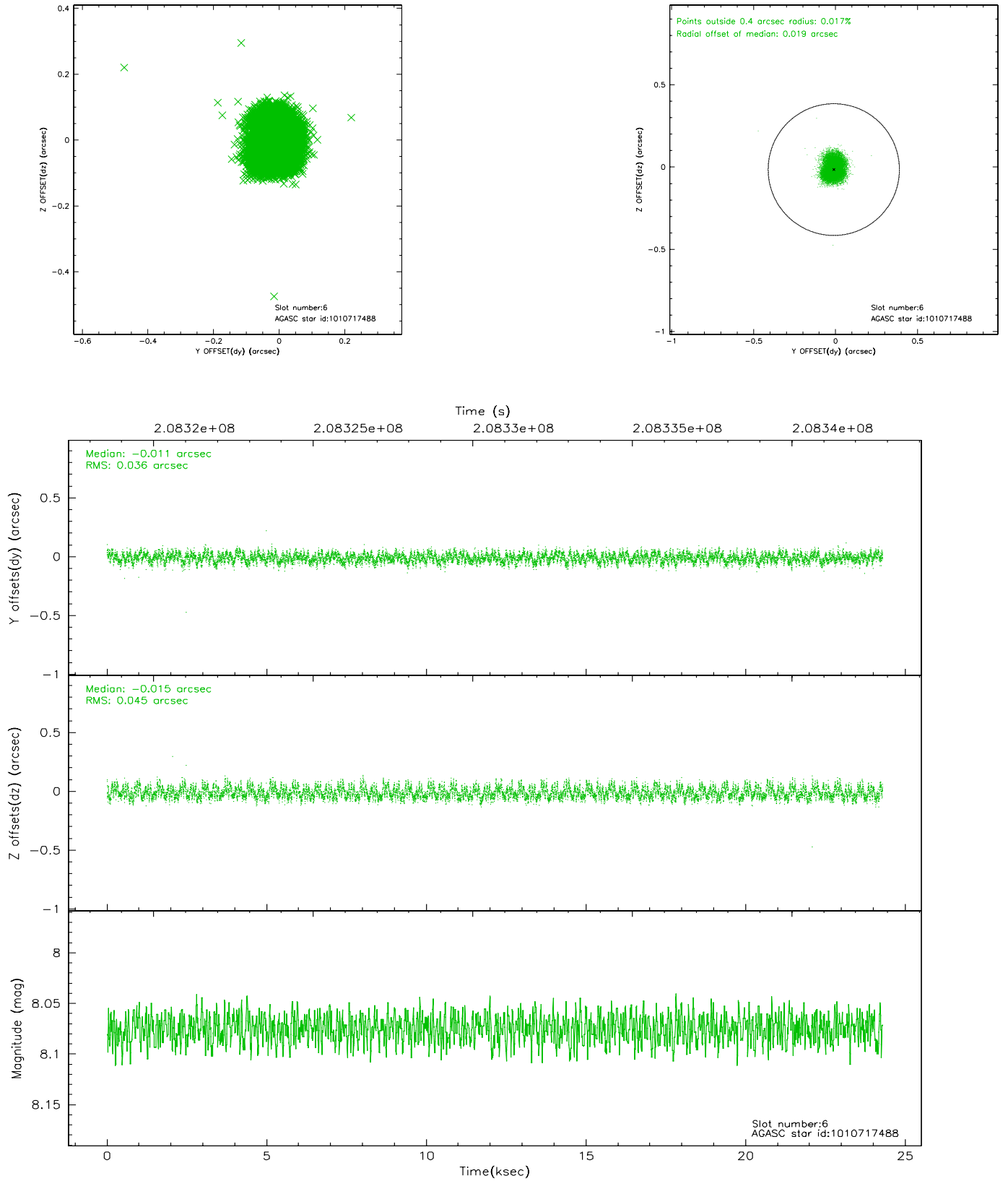
2.4.2 Slot 4



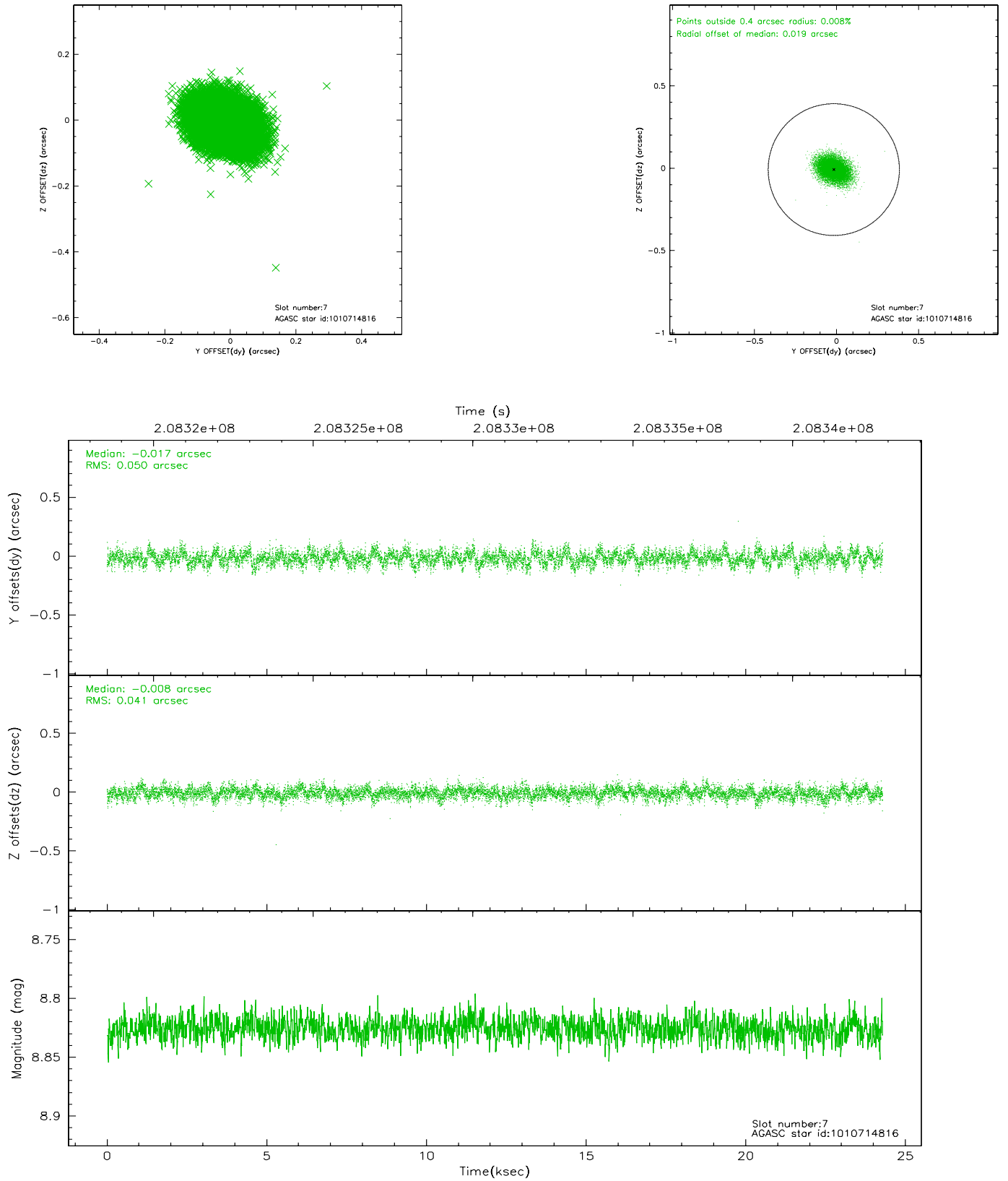
2.4.3 Slot 5



2.4.4 Slot 6

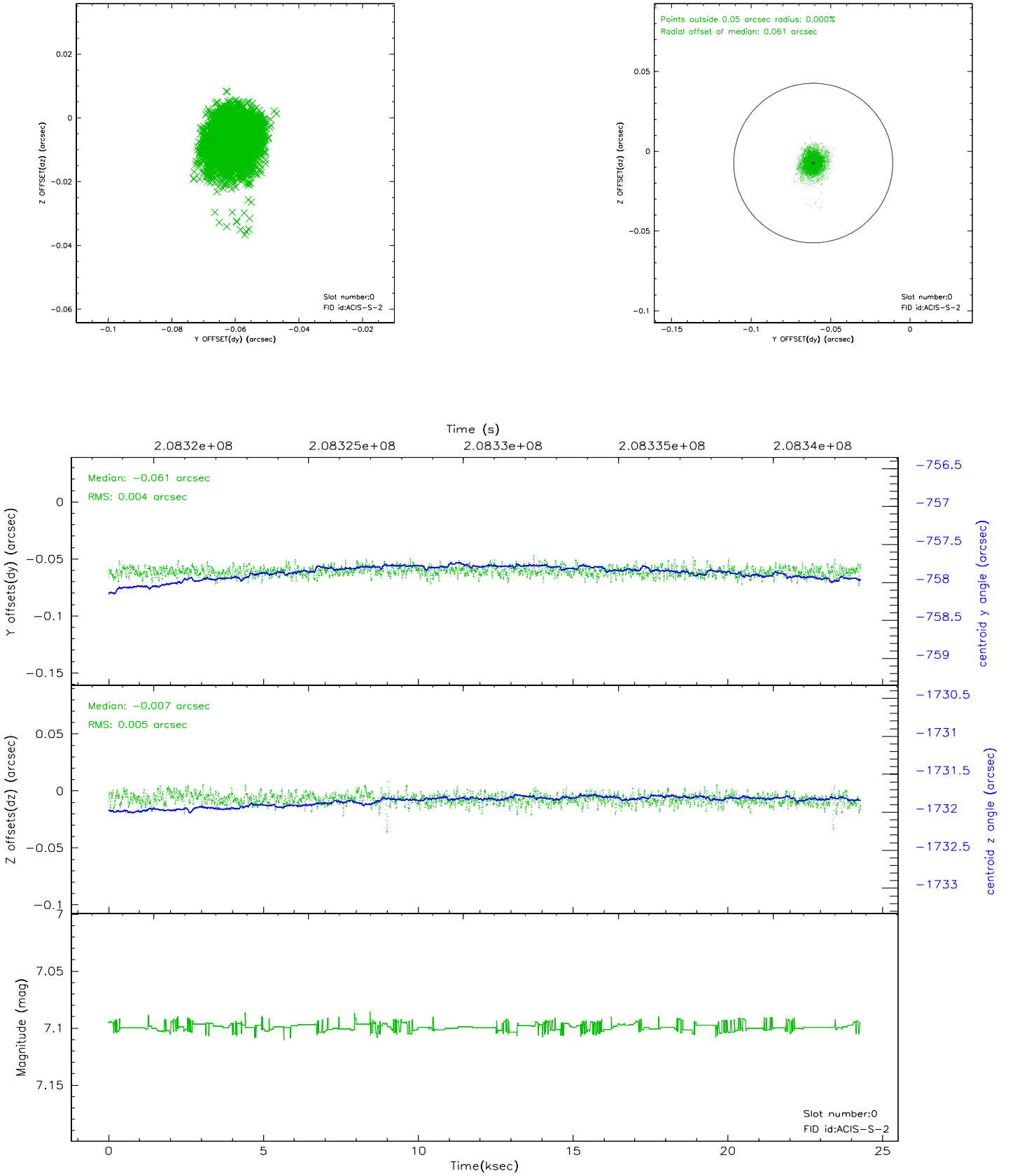


2.4.5 Slot 7

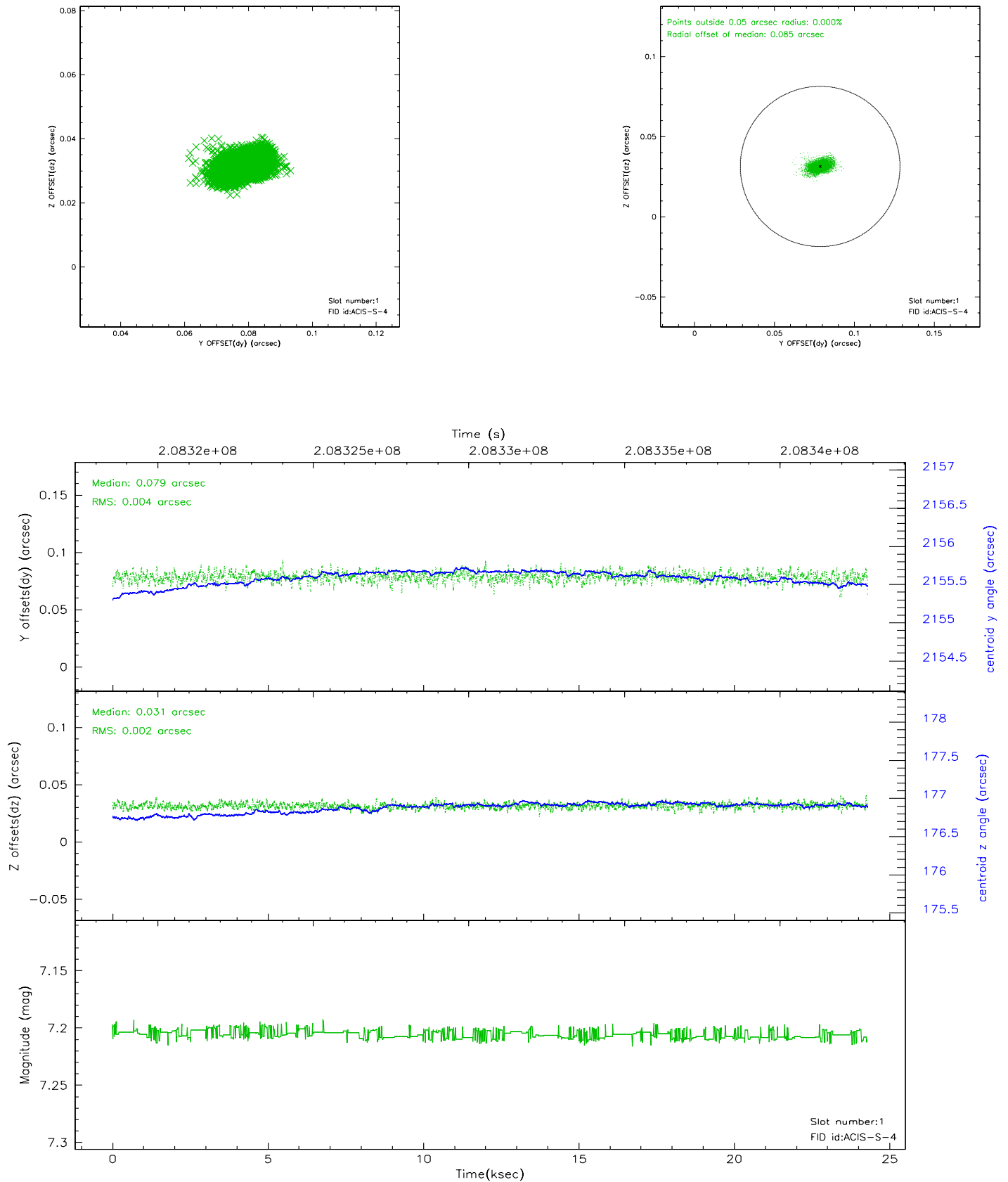


2.5 FID Slots

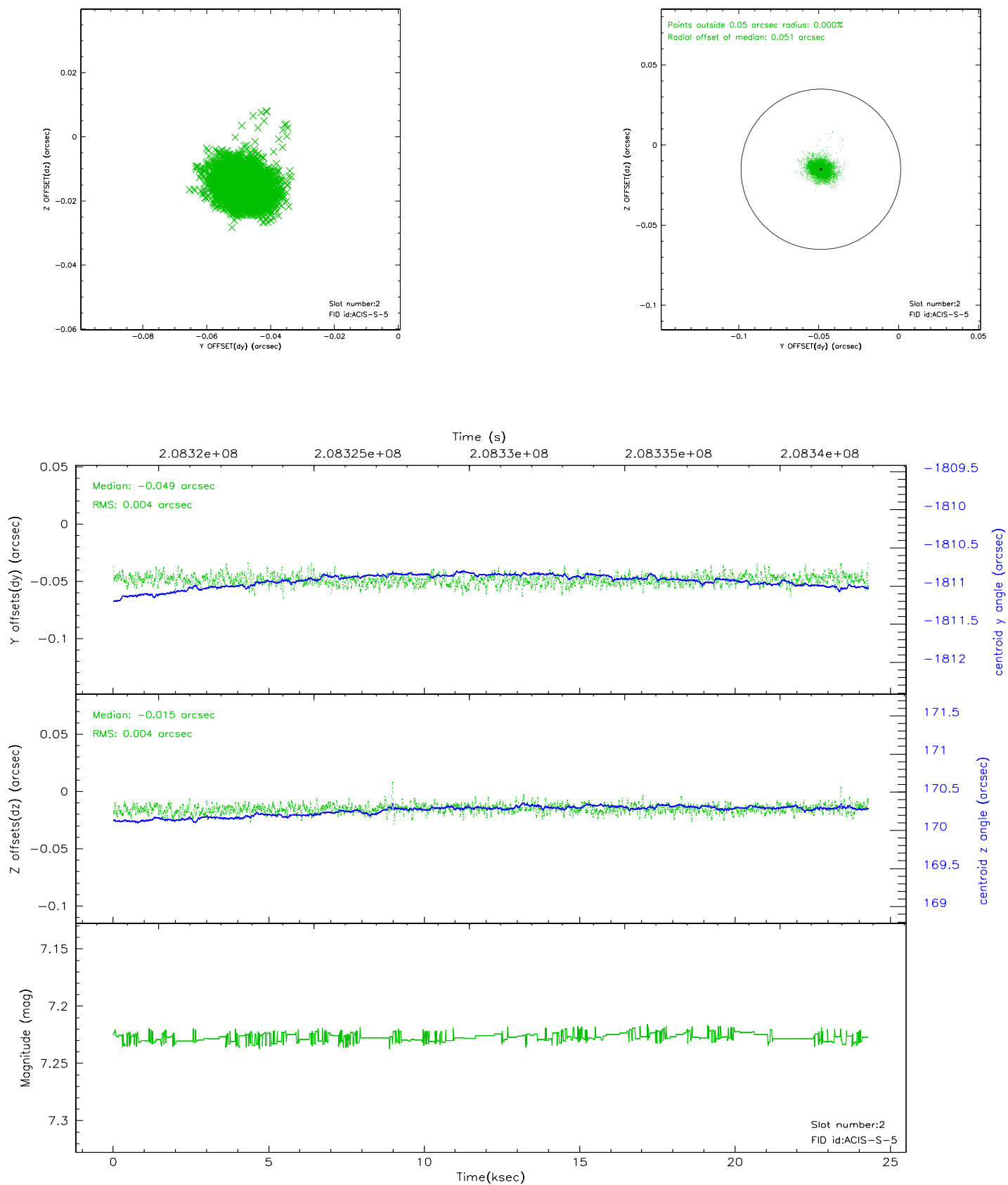
2.5.1 Slot 0



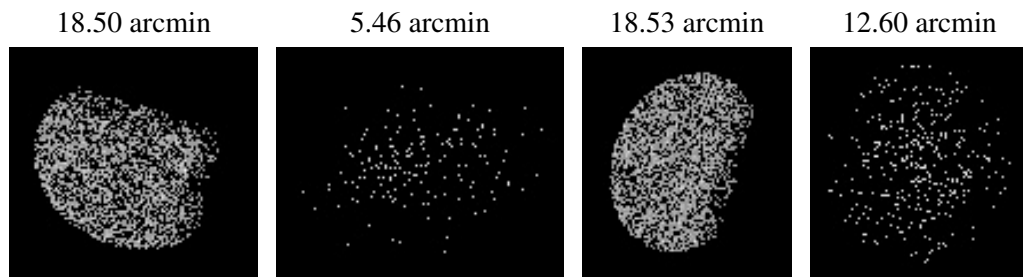
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.04.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	24.281

A.2 Comments