

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 908 - L2 Version 001
Chandra X-Ray Center

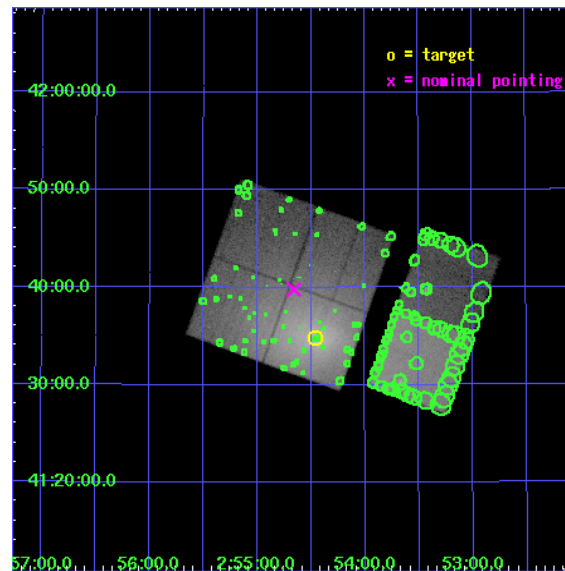
L2 Processing Date : Jun 5 2007

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1 Front

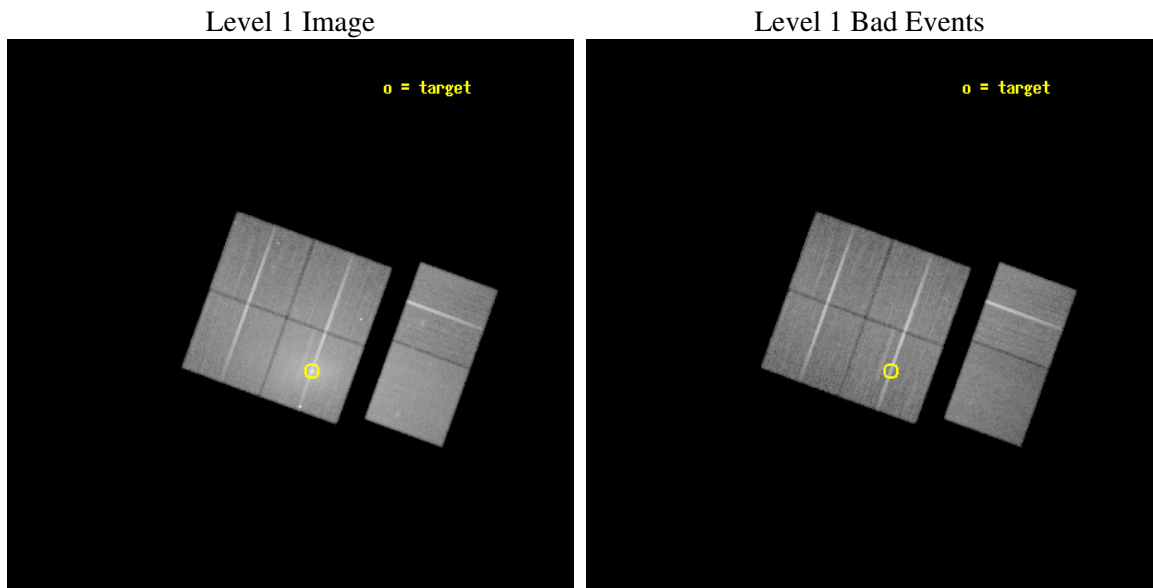
seq_num	800084
obs_id	908
title	GALAXY WINDS VS. COOLING FLOWS IN POOR CLUSTERS
observer	Professor Jack Burns
object	AWM 7
dtcycle	0
cycle	P
ra_targ	43.614583
dec_targ	41.579722
ra_nom	43.66491068674
dec_nom	41.663425065873
roll_nom	109.83572209726
revision	2
ontime	48467.200045139
livetime	47853.479174723
ontime0	48463.959054977
ontime1	48467.200045139
ontime2	48454.236174241
ontime3	48467.200045139
ontime6	48467.200045139
ontime7	48467.200045139
l2events	839896



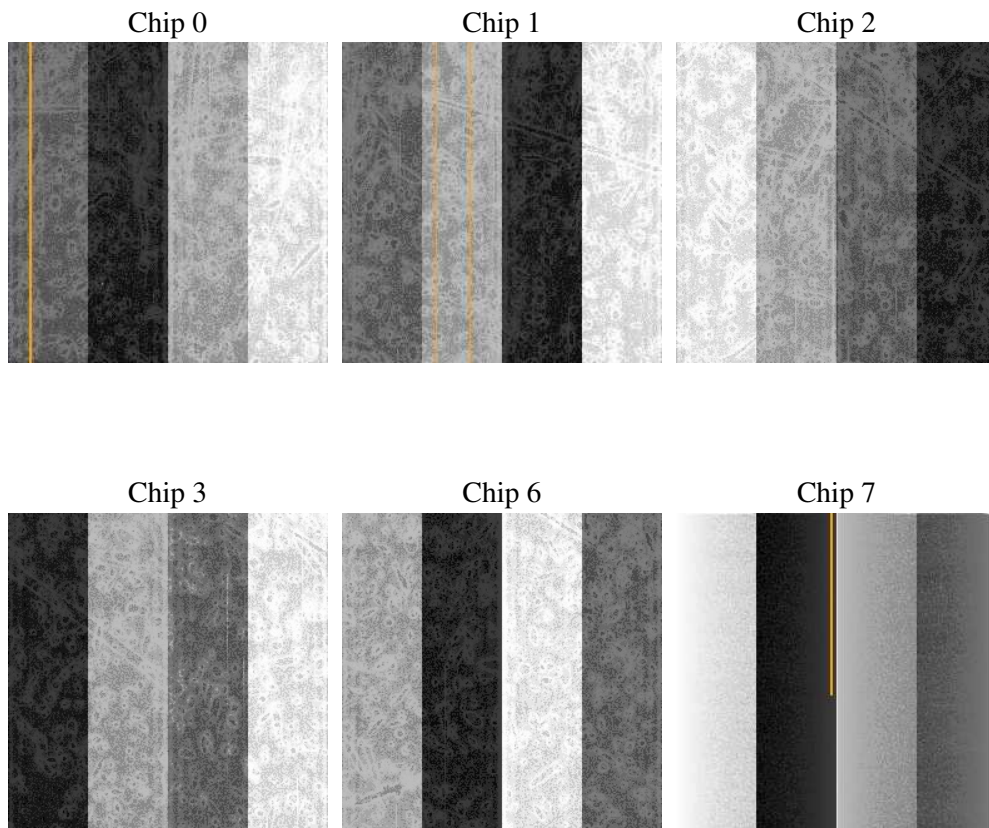
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.10
caldbver	3.4.0
date	2007-06-05T07:04:09
revision	2

sched_exp_time	48715.057000
ontime	48467.200045139
ontime0	48463.959054977
ontime1	48467.200045139
ontime2	48454.236174241
ontime3	48467.200045139
ontime6	48467.200045139
ontime7	48467.200045139
l1events	2375815

2.1.4 Events

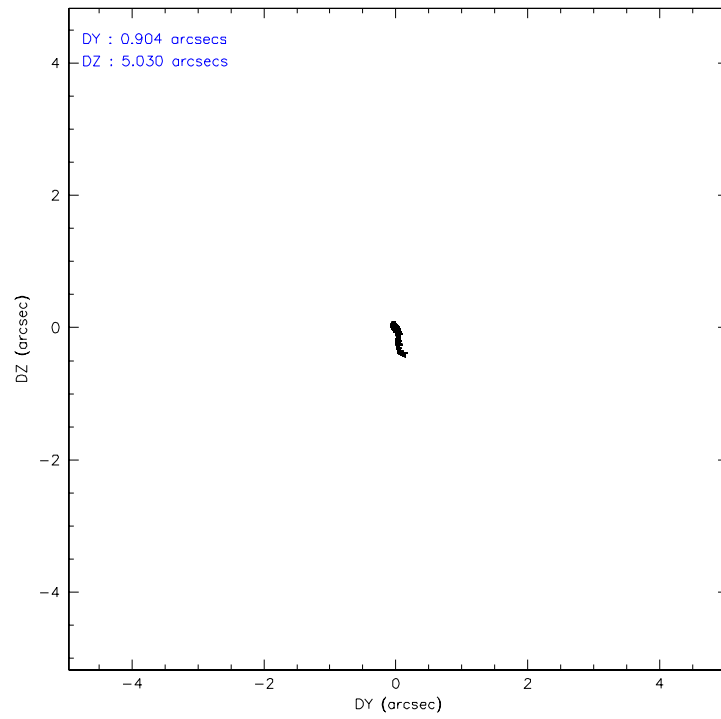
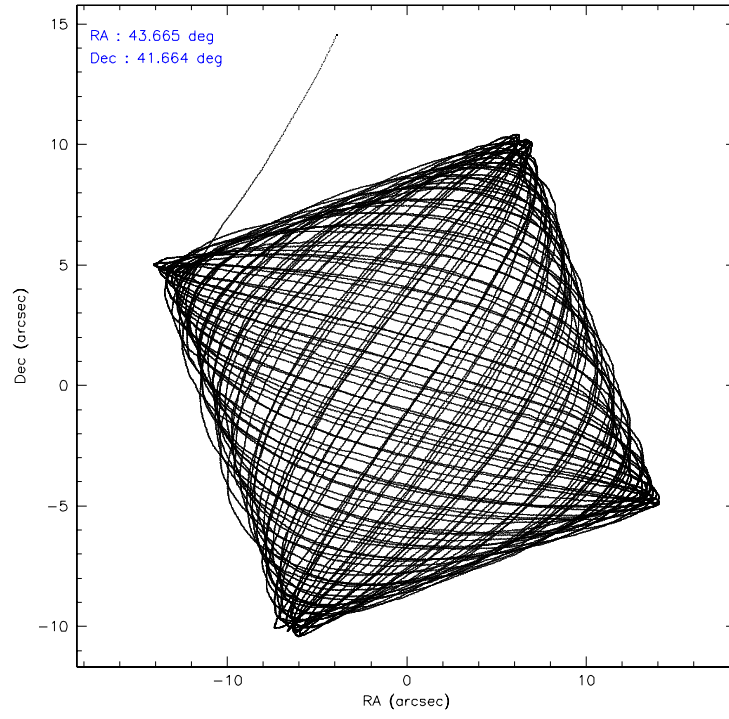
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	298694	373901	353533	606967	323575	419145
rejected events	234946	238359	265326	265996	271395	208553
rejected %	78%	63%	75%	43%	83%	49%

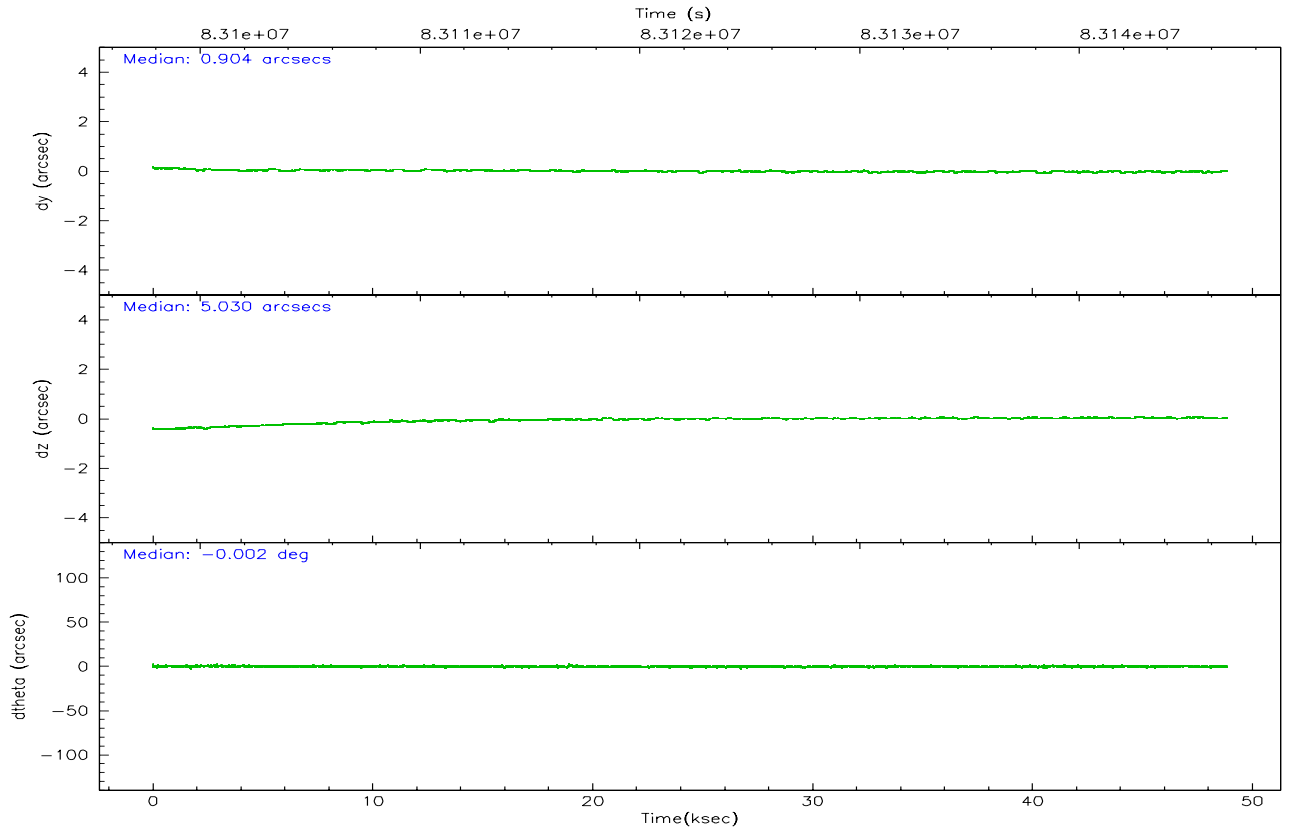
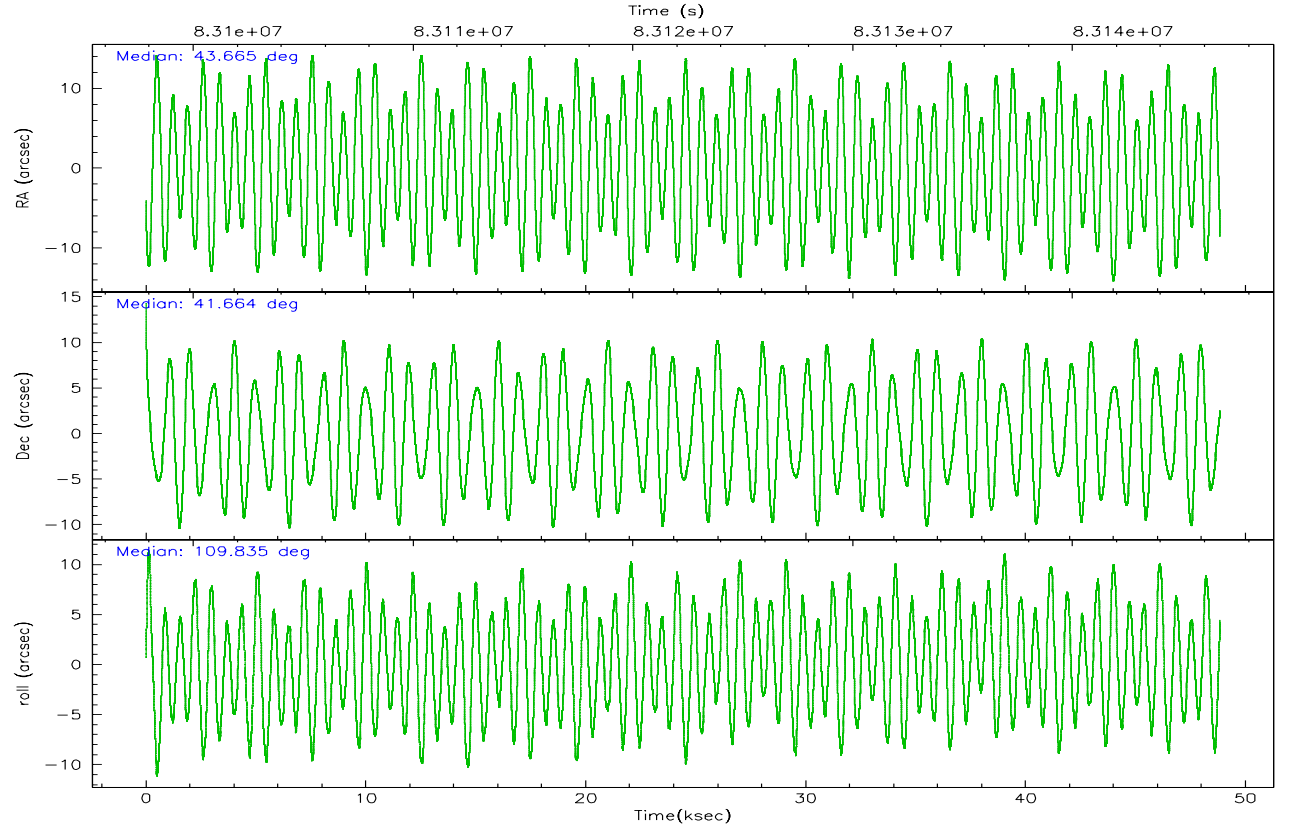
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	39349	97260	60127	268631	29676	32114
	13%	26%	17%	44%	9%	7%
grade 1 events	199	413	317	1036	198	394
	0%	0%	0%	0%	0%	0%
grade 2 events	9808	16694	12144	36413	8345	45052
	3%	4%	3%	5%	2%	10%
grade 3 events	4289	6557	4642	11886	3782	21059
	1%	1%	1%	1%	1%	5%
grade 4 events	4059	6423	4578	11959	3863	21004
	1%	1%	1%	1%	1%	5%
grade 5 events	10155	10927	9723	11456	11961	34848
	3%	2%	2%	1%	3%	8%
grade 6 events	6256	8634	6737	12149	6523	91413
	2%	2%	1%	2%	2%	21%
grade 7 events	224579	226993	255265	253437	259227	173261
	75%	60%	72%	41%	80%	41%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-012367	ACIS-012367	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	43.692972	43.66491068674038	Subarray requested	NONE	NONE
Pointing Dec	41.645577	41.66342506587348	Alternating exposures requested	N	N
Pointing Roll	109.608383	109.8357220972591	Primary exposure time	3.200000	3.2
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-233.592463	-233.5899487761303			
SIM translation stage offset (mm)	0	-0.002504226799430853			
Observation start time	83098007.184000	83097001.39946			
Observation start date	2000-08-19T18:45:43	2000-08-19T18:30:01			
Observation end time	83146722.184000	83147031.651334			
Observation end date	2000-08-20T08:17:38	2000-08-20T08:23:51			
Read mode	TIMED	TIMED			

2.3 Aspect



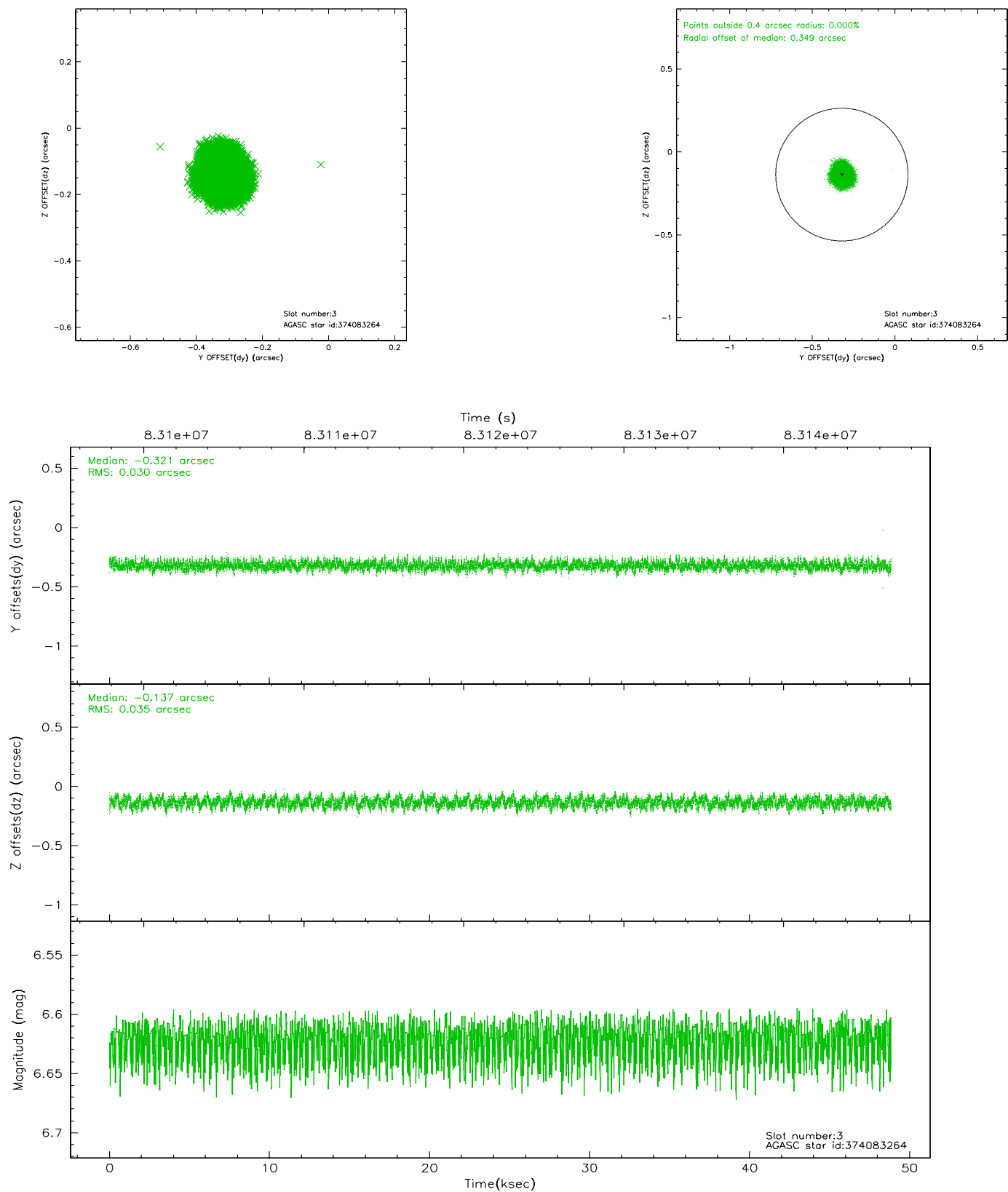


Slot Statistics

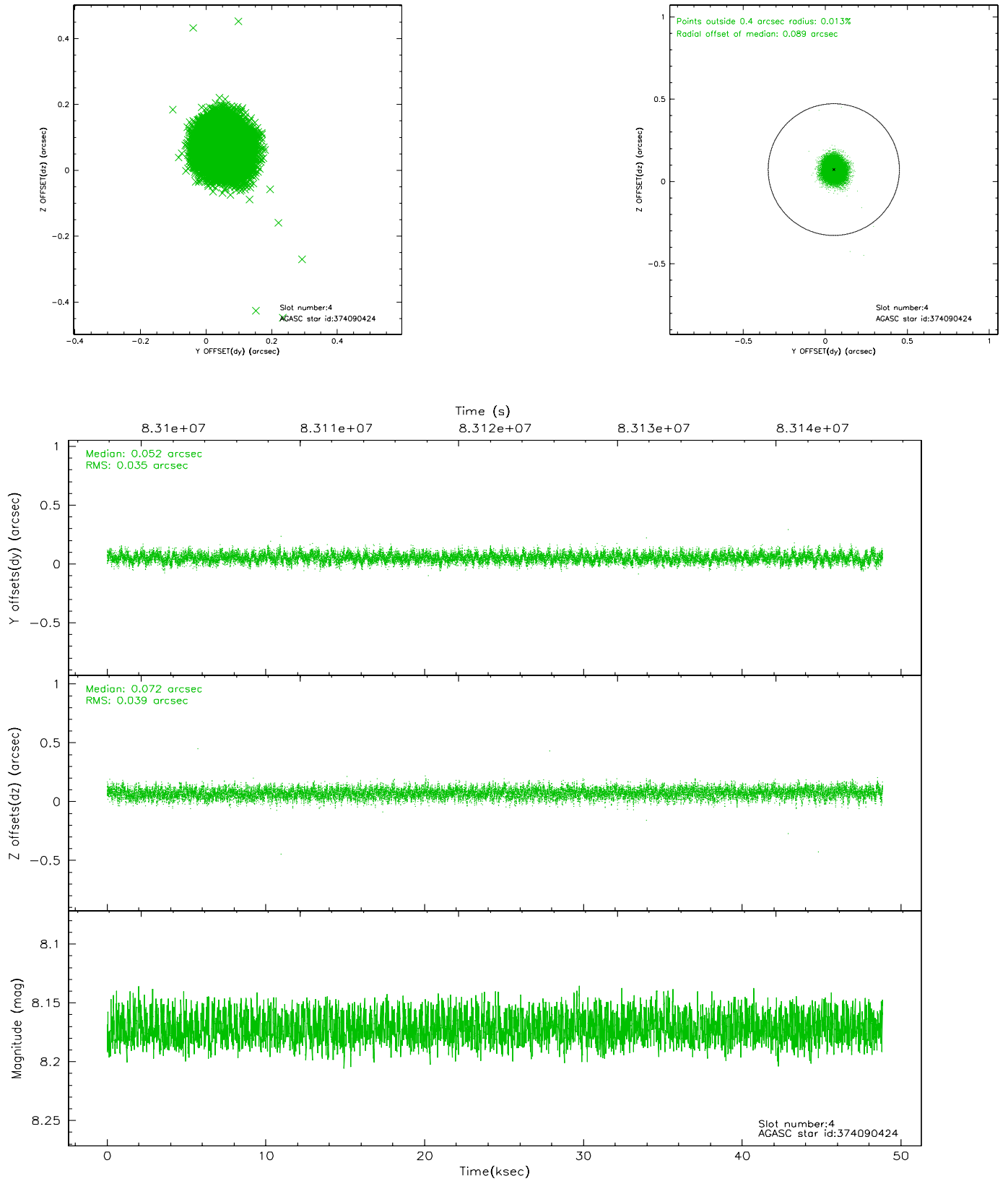
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-2	7.15	11914	-0.019	-0.006	0.008	0.015	0.000000	0.000000	-755.25	-834.64
1	FID	ACIS-I-4	7.19	11915	-0.081	0.022	0.006	0.011	0.000000	0.000000	2158.75	1071.58
2	FID	ACIS-I-5	7.23	11915	-0.001	0.053	0.009	0.015	0.000000	0.000000	-1809.08	1069.43
3	GUIDE	374083264	6.62	23833	-0.321	-0.137	0.050	0.077	43.093662	42.020961	1815.18	1054.42
4	GUIDE	374090424	8.17	23833	0.052	0.072	0.056	0.089	43.980798	41.806798	288.22	-922.63
5	GUIDE	374087680	9.00	23815	-0.094	-0.124	0.062	0.103	43.266373	41.841880	1051.57	839.53
6	GUIDE	373560576	8.91	23825	0.202	0.090	0.064	0.103	44.009880	41.184081	-1852.16	-251.71
7	GUIDE	374082320	9.53	23821	0.159	0.099	0.088	0.143	43.767683	41.614672	-172.79	-151.99

2.4 Star Slots

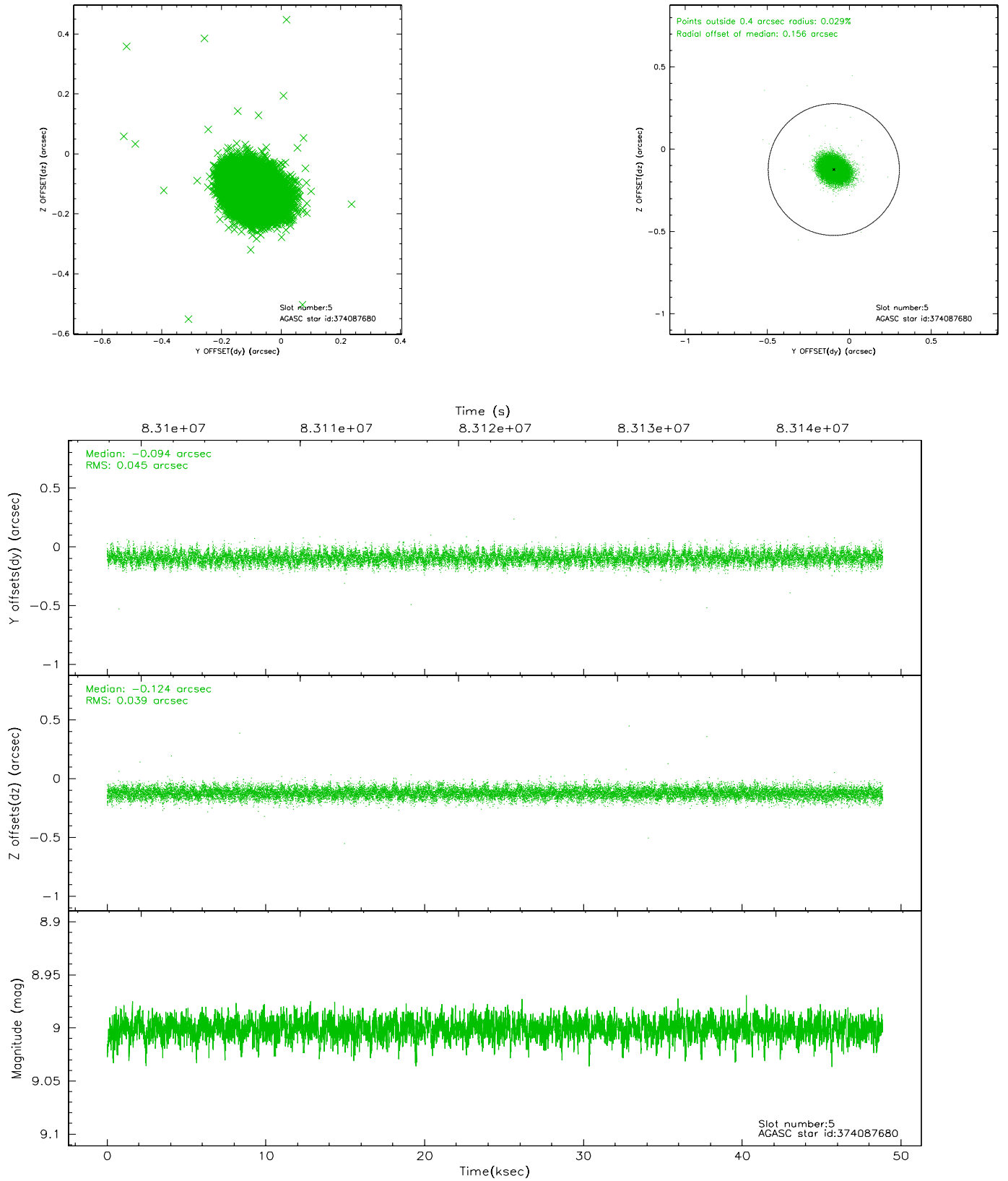
2.4.1 Slot 3



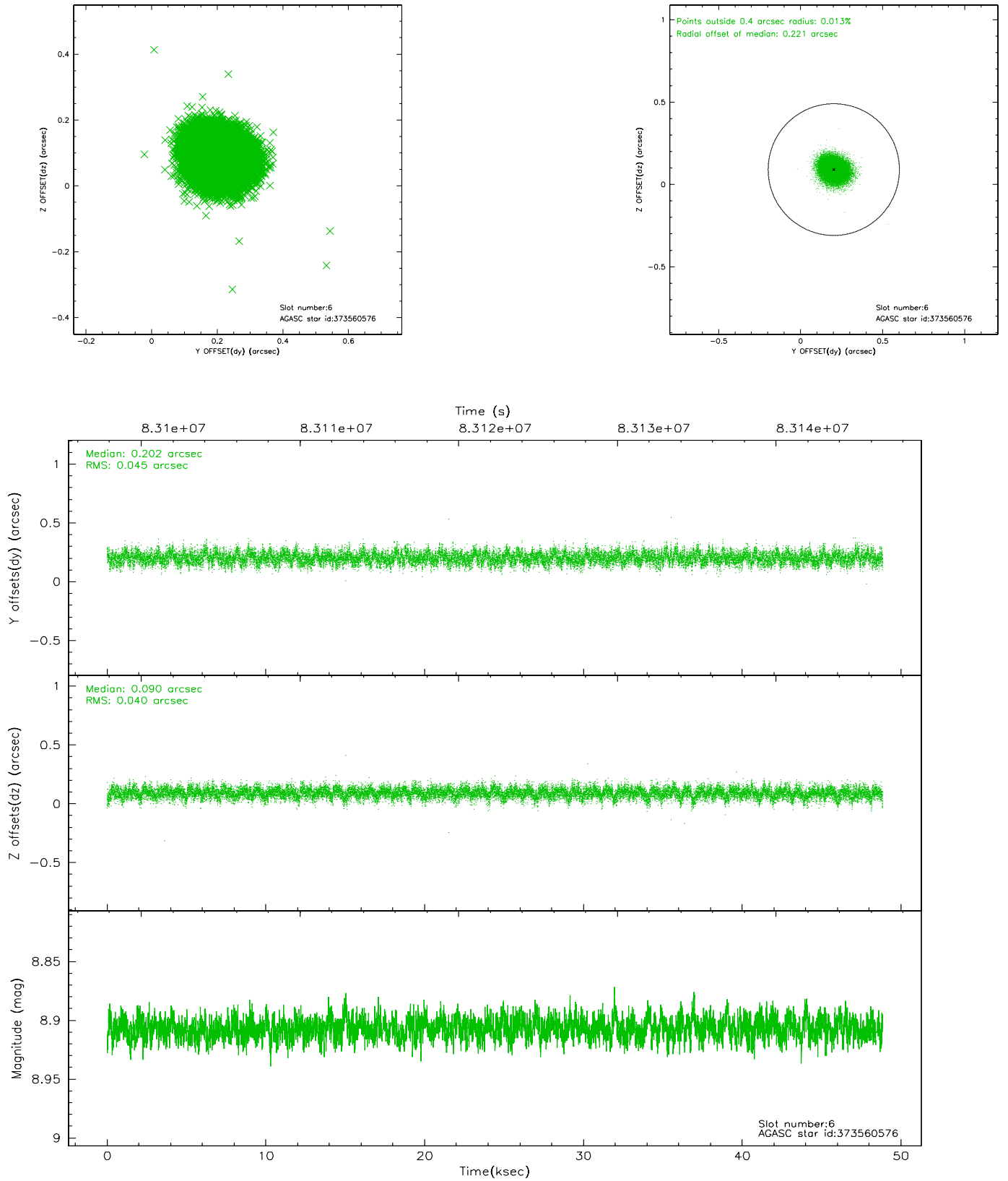
2.4.2 Slot 4



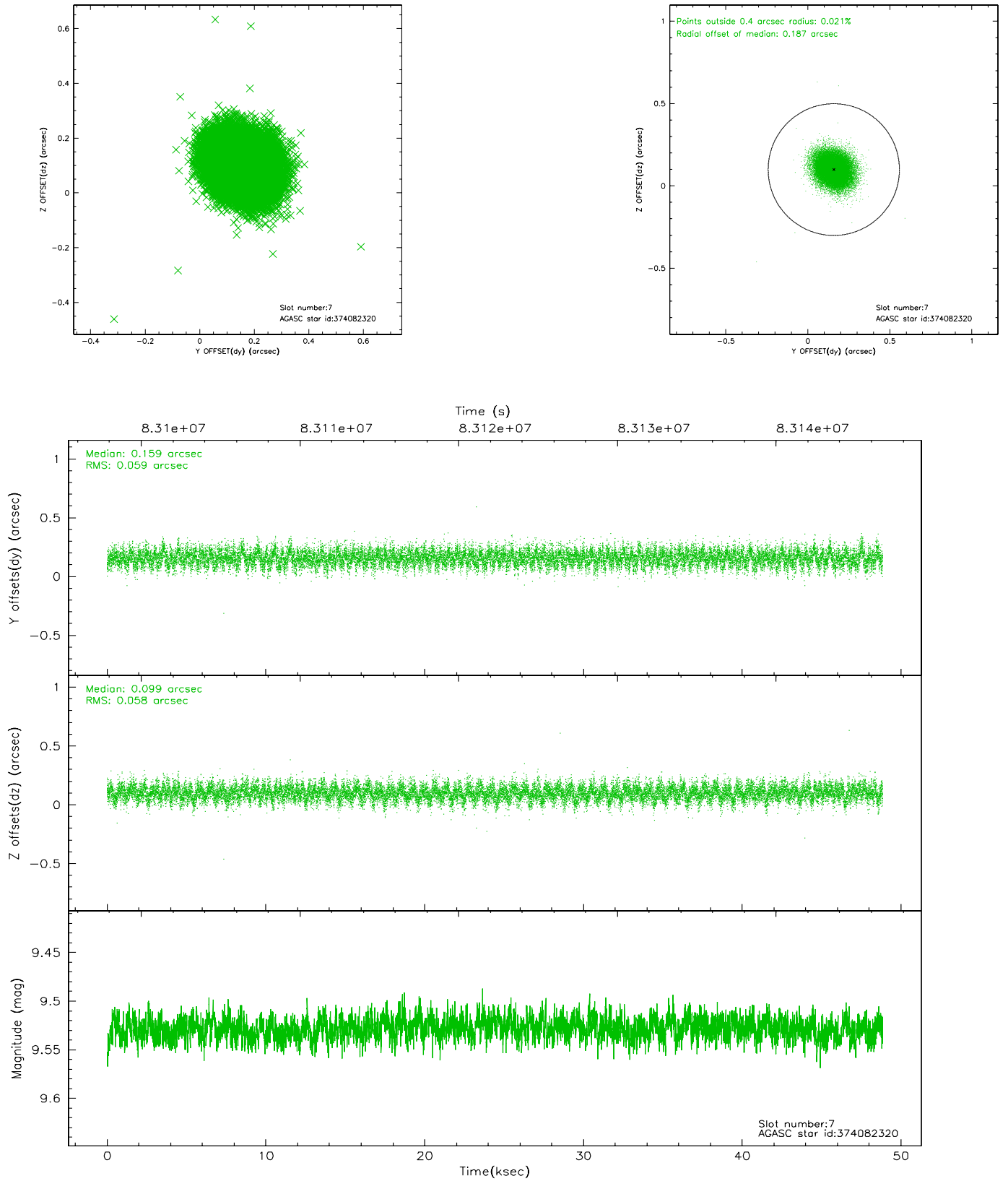
2.4.3 Slot 5



2.4.4 Slot 6

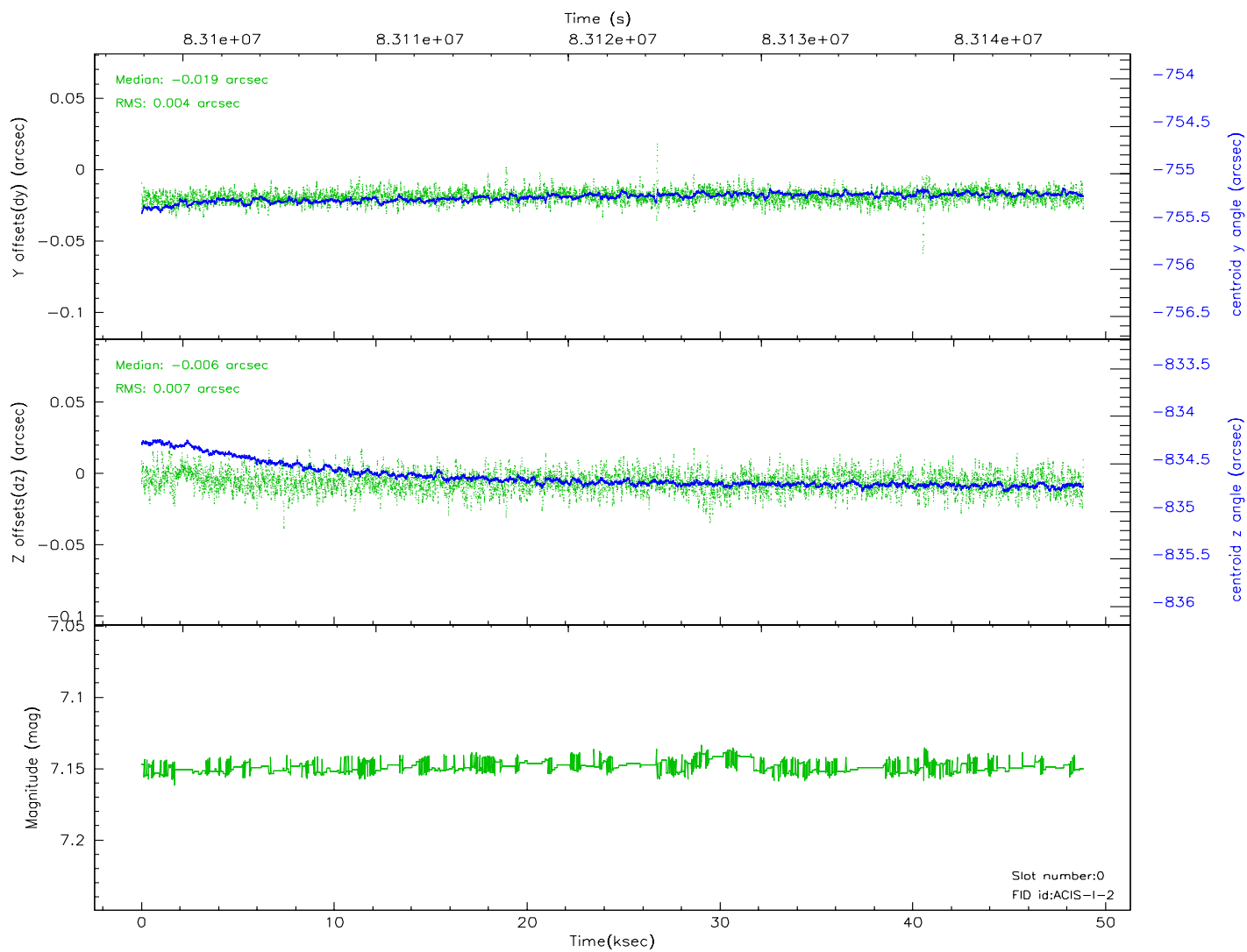
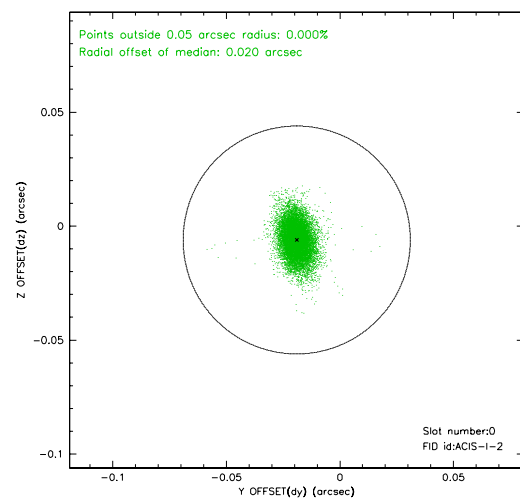
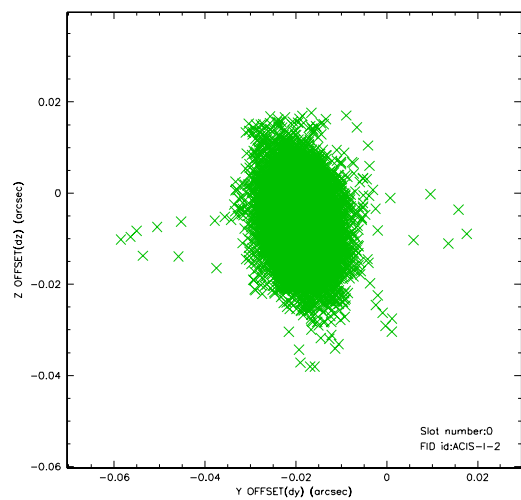


2.4.5 Slot 7

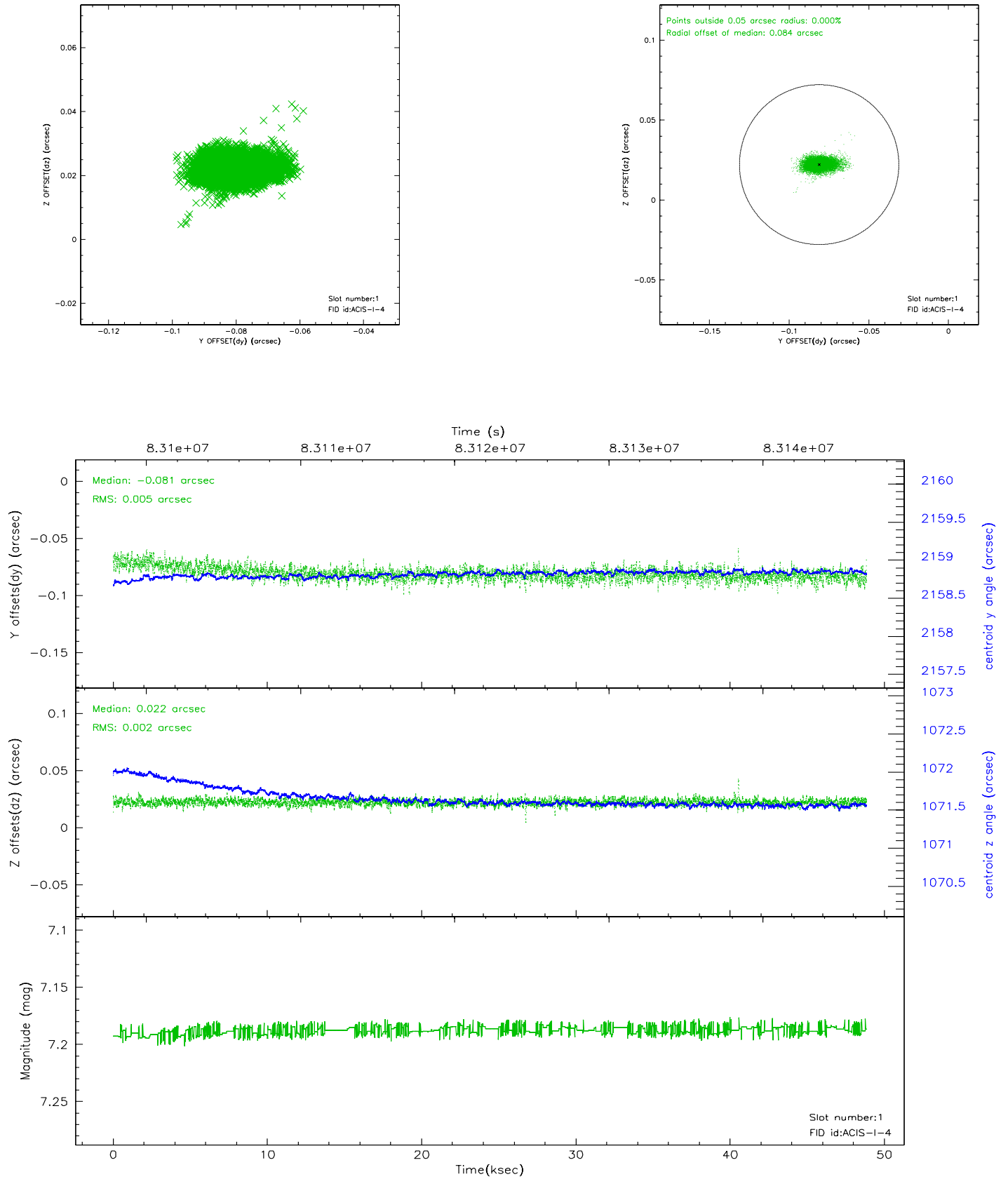


2.5 FID Slots

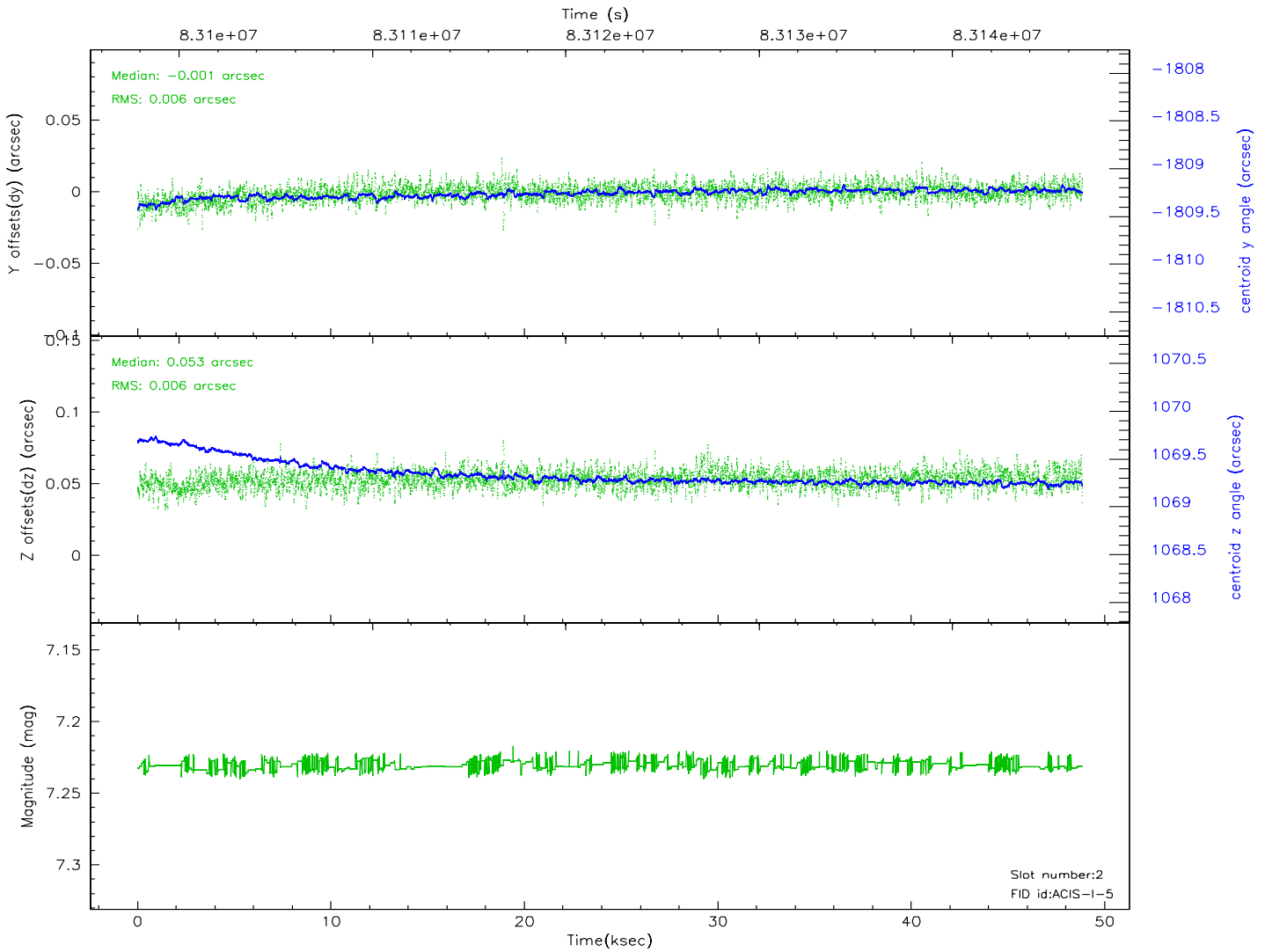
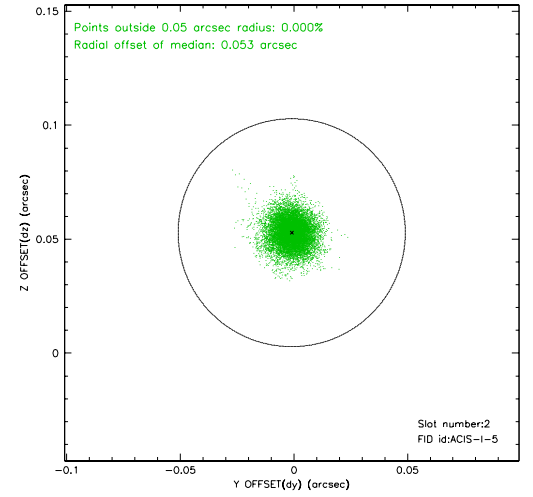
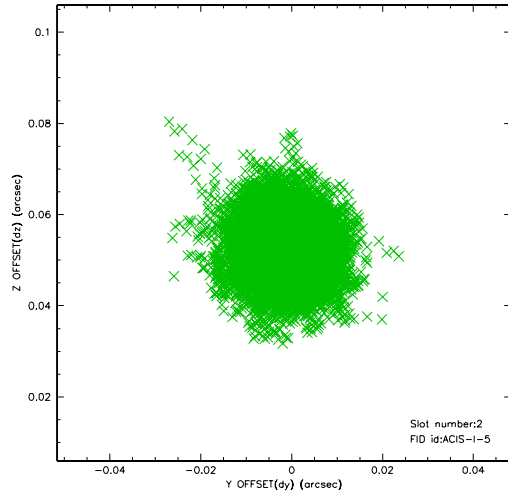
2.5.1 Slot 0



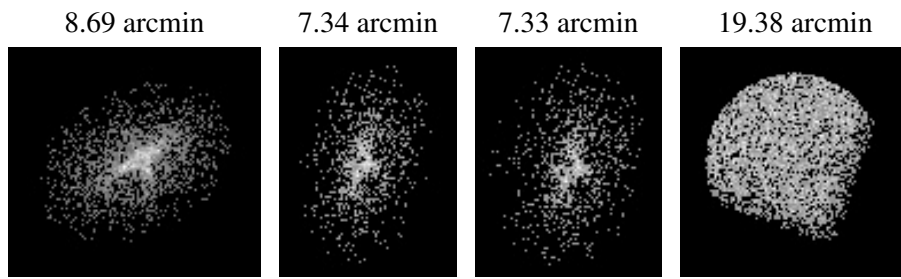
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.06.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	48.464

A.2 Comments