

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 6293 - L2 Version 002
Chandra X-Ray Center

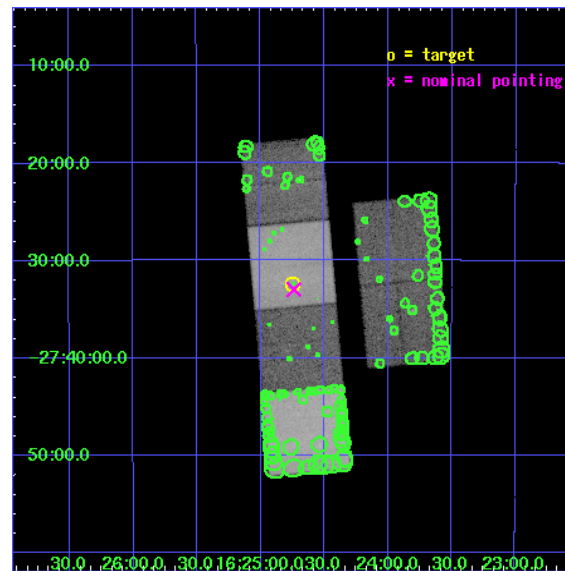
L2 Processing Date : Mar 15 2006

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1 Front

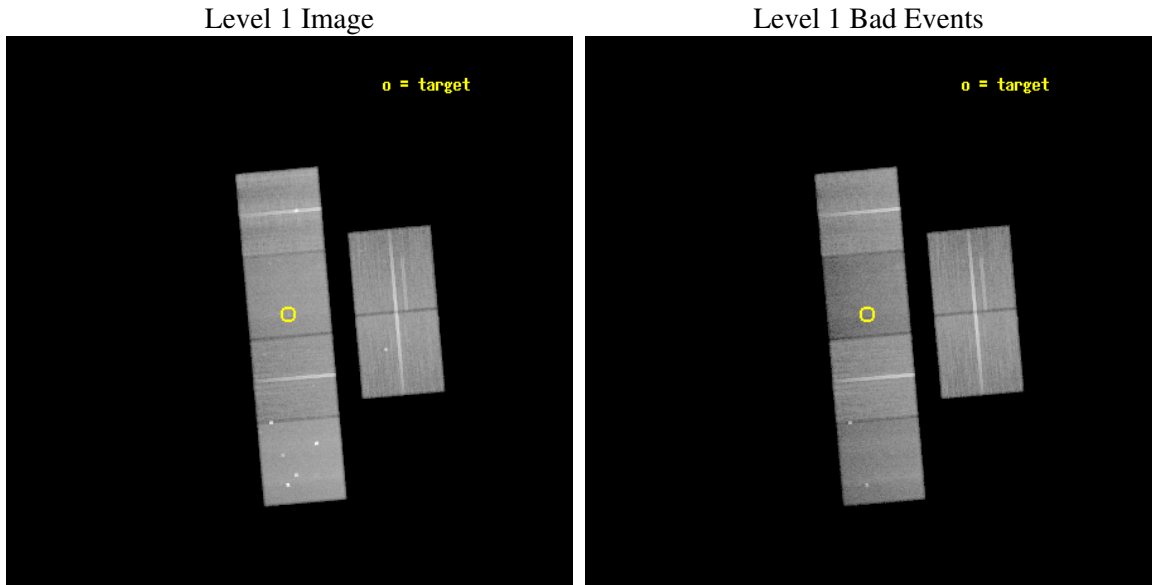
seq_num	500604
obs_id	6293
title	A Day in the Life of a Short Gamma-Ray Burst Afterglow
observer	Dr. David Burrows
object	GRB050724
dtcycle	0
cycle	P
ra_targ	246.1875
dec_targ	-27.540333
ra_nom	246.18464697
dec_nom	-27.549658361364
roll_nom	264.94385433546
revision	2
ontime	49955.199813902
livetime	49322.636994449
ontime2	49951.958823591
ontime3	49945.476952642
ontime5	49955.199813902
ontime6	49955.199813902
ontime7	49955.199813902
ontime8	49945.476942569
l2events	484820



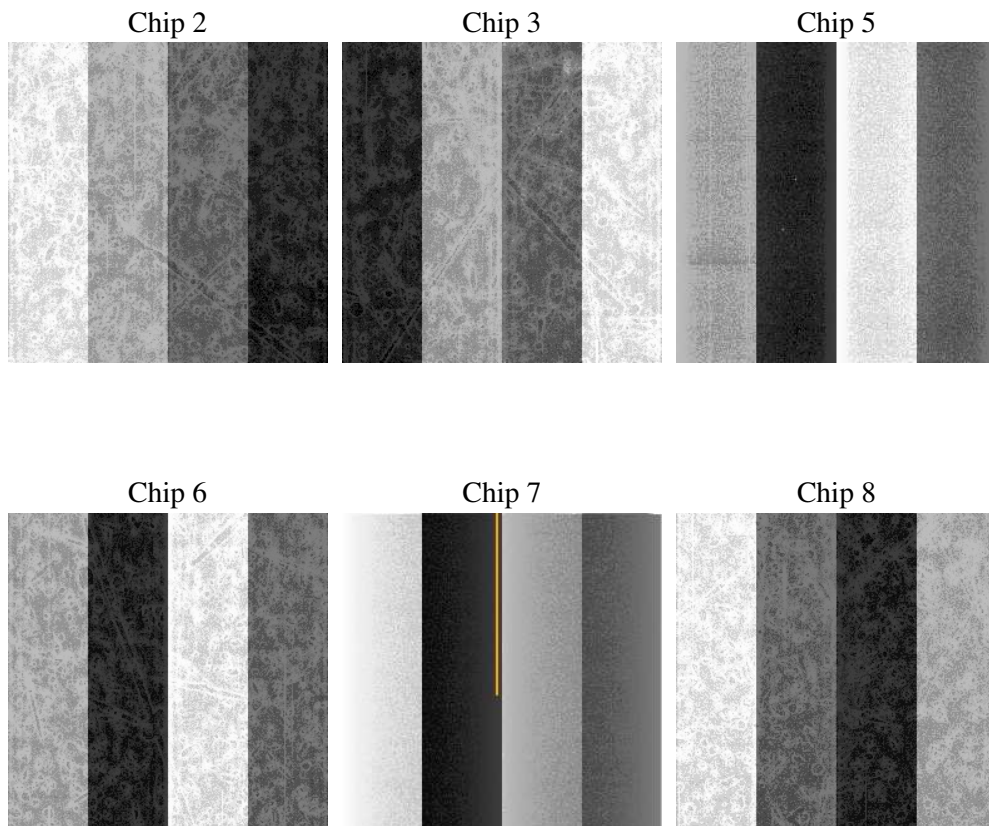
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.1
caldsver	3.2.1
date	2006-03-15T23:33:10
revision	2

sched_exp_time	50000.000000
ontime	49960.167096853
ontime2	49956.926106542
ontime3	49950.444235593
ontime5	49960.167096853
ontime6	49960.167096853
ontime7	49960.167096853
ontime8	49950.44422552
l1events	2132913

2.1.4 Events

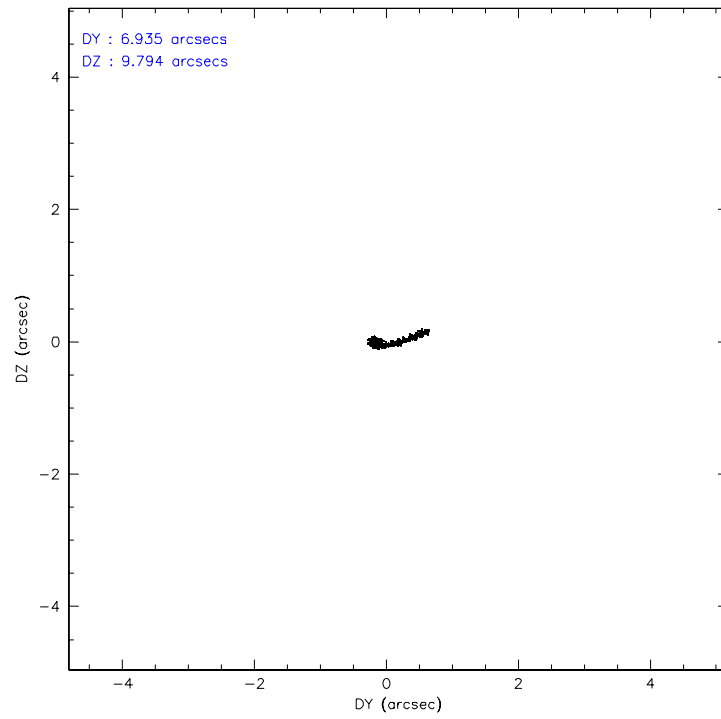
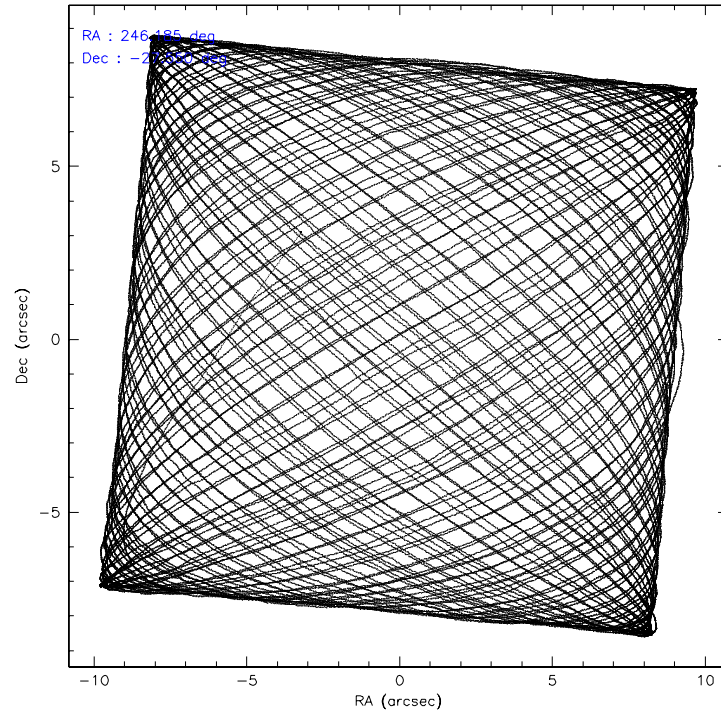
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	348031	317907	418477	330413	322103	395982
rejected events	312160	284767	196671	292313	168056	298447
rejected %	89%	89%	46%	88%	52%	75%

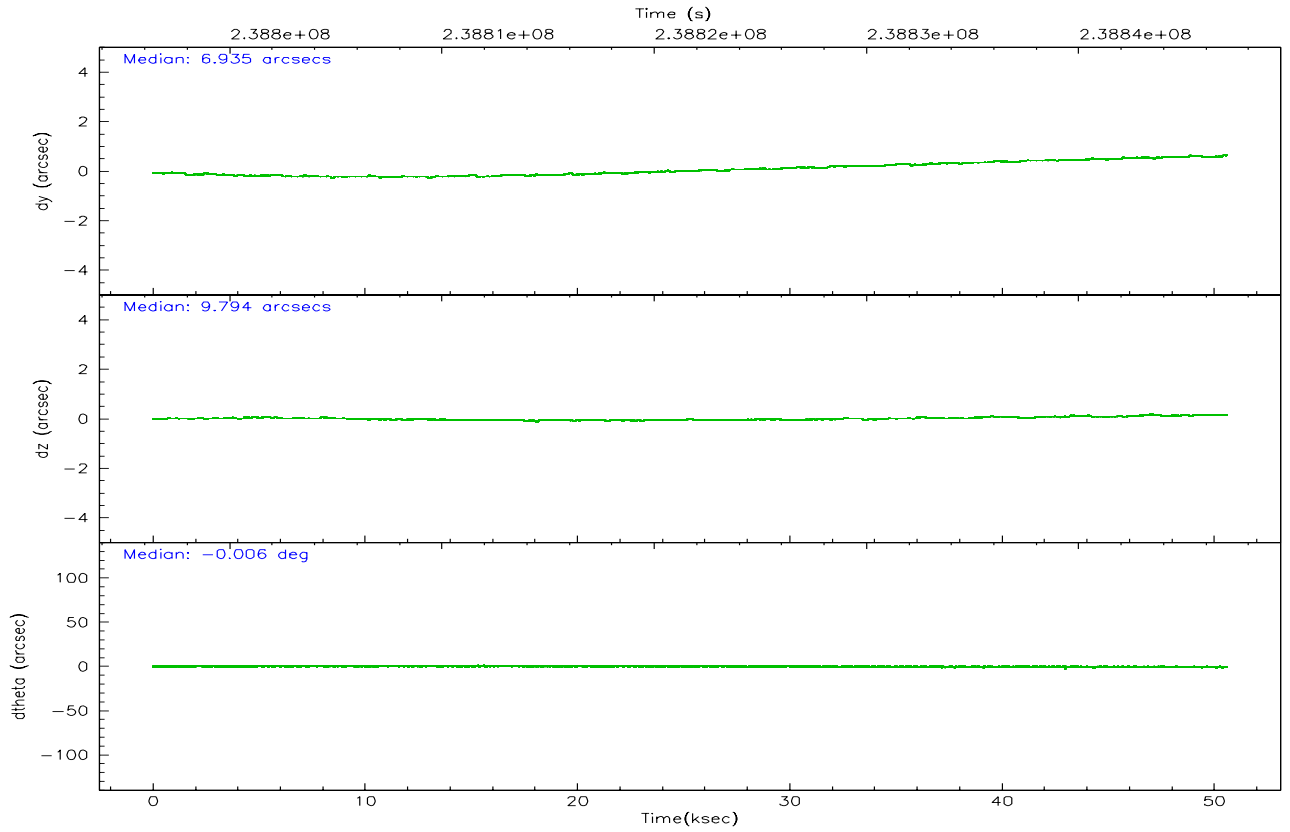
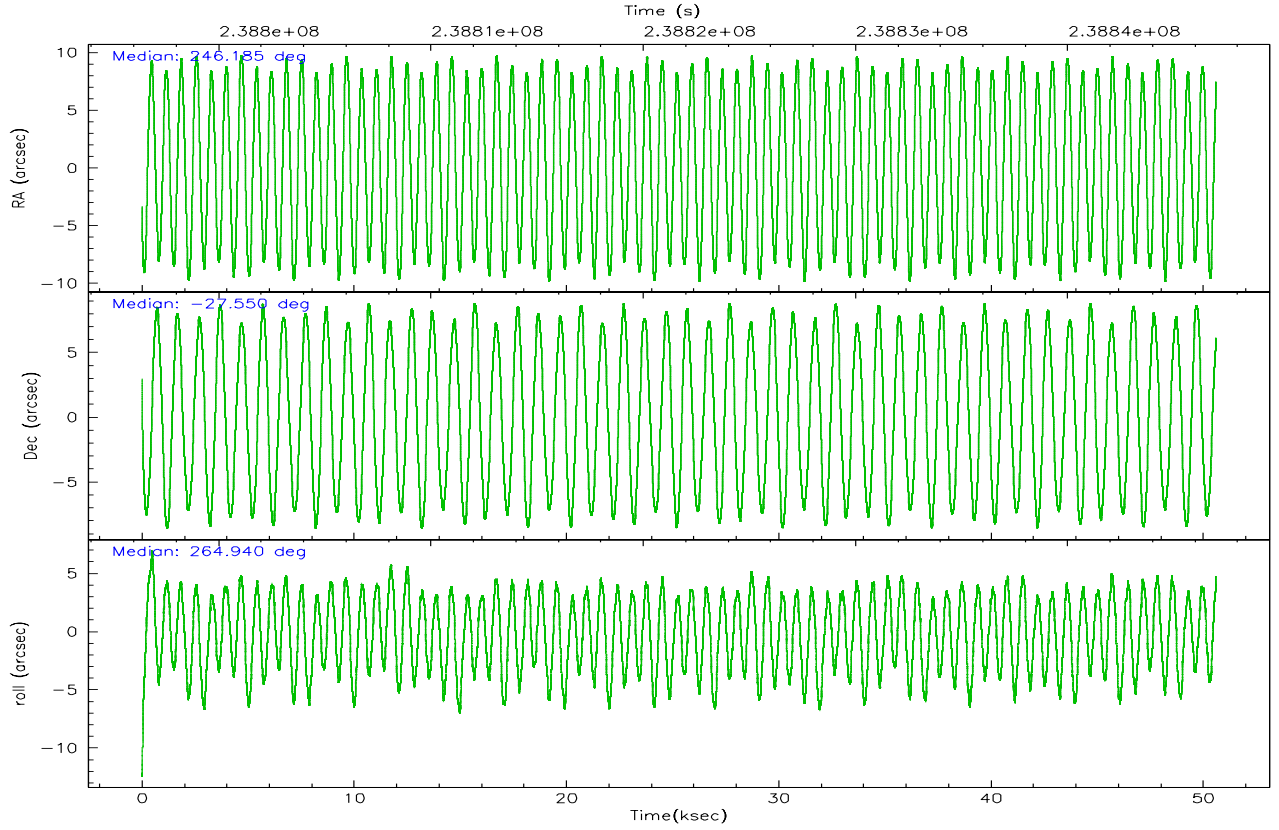
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	14678	13099	19851	15119	10215	27447
	4%	4%	4%	4%	3%	6%
grade 1 events	190	182	1418	175	175	294
	0%	0%	0%	0%	0%	0%
grade 2 events	7852	6692	72222	7751	39290	22033
	2%	2%	17%	2%	12%	5%
grade 3 events	3541	3548	4009	3913	8115	11319
	1%	1%	0%	1%	2%	2%
grade 4 events	3640	3504	3881	3741	7906	10616
	1%	1%	0%	1%	2%	2%
grade 5 events	9146	10429	21860	10579	24025	16150
	2%	3%	5%	3%	7%	4%
grade 6 events	6167	6299	121867	7578	88542	26127
	1%	1%	29%	2%	27%	6%
grade 7 events	302817	274154	173369	281557	143835	281996
	87%	86%	41%	85%	44%	71%

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	VFAINT	VFAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	246.171317	246.184646969996	Alternating exposures requested	N	N
Pointing Dec	-27.525132	-27.54965836136406	Primary exposure time	0.000000	3.2
Pointing Roll	264.781061	264.9438543354643			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	238796991.184000	238795816.33663			
Observation start date	2005-07-26T20:28:47	2005-07-26T20:10:16			
Observation end time	238846991.184000	238848344.00153			
Observation end date	2005-07-27T10:22:07	2005-07-27T10:45:44			
Read mode	TIMED	TIMED			

2.3 Aspect



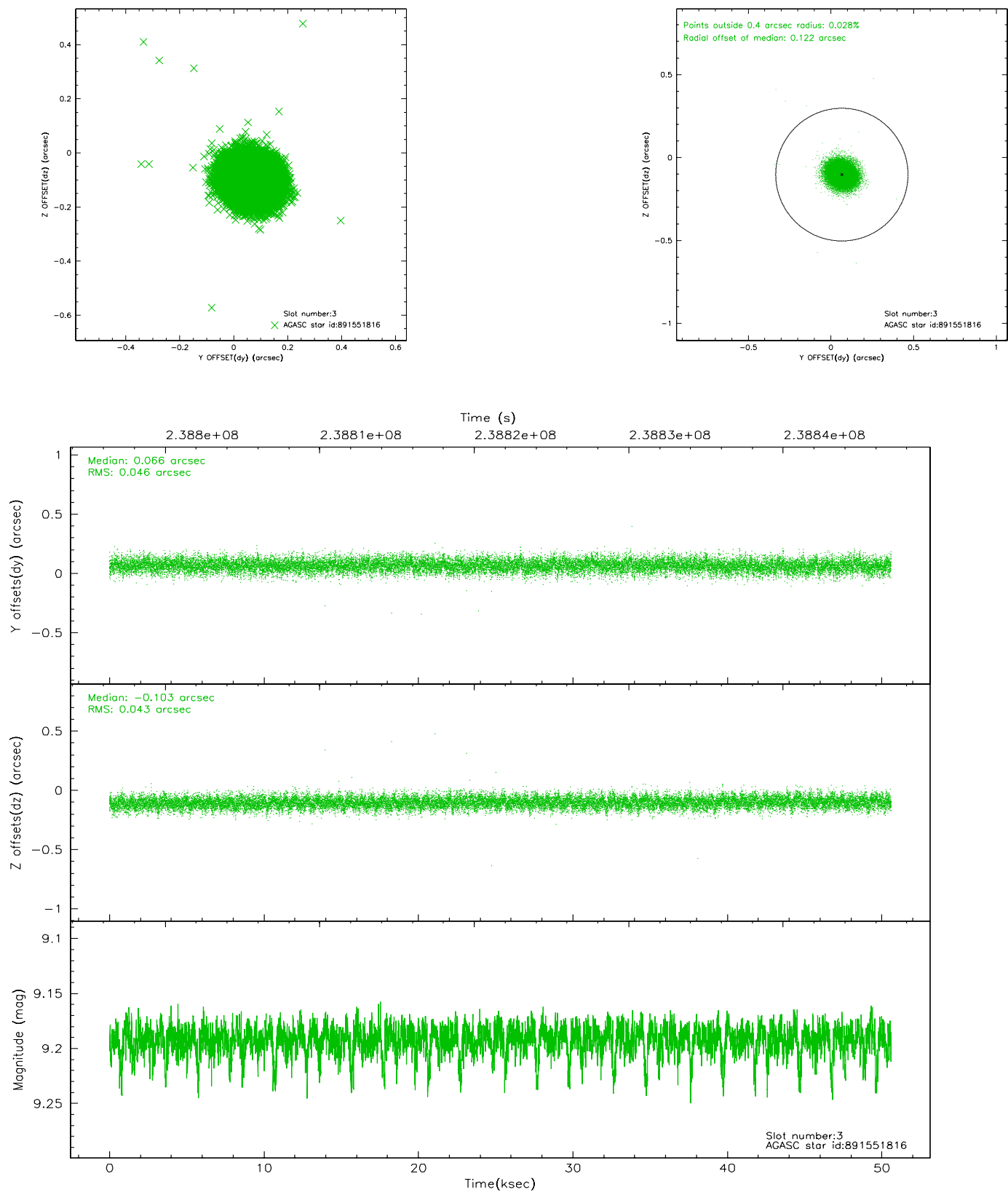


Slot Statistics

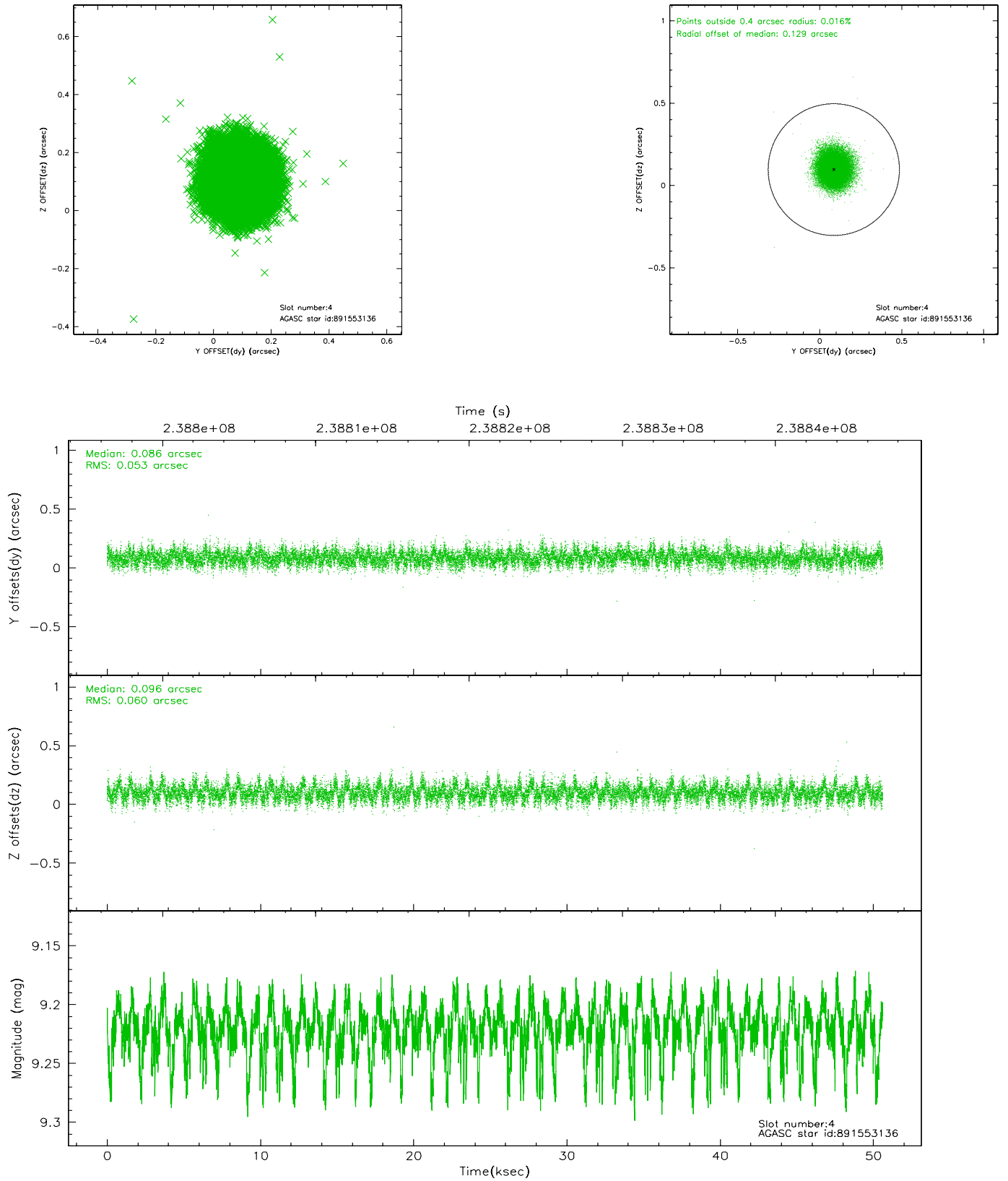
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.19	12342	-0.001	-0.006	0.009	0.014	0.000000	0.000000	936.27	-1726.68
1	FID	ACIS-S-4	7.21	12342	0.049	0.009	0.008	0.015	0.000000	0.000000	2153.70	177.53
2	FID	ACIS-S-5	7.23	12342	-0.074	0.010	0.008	0.016	0.000000	0.000000	-1812.72	171.06
3	GUIDE	891551816	9.19	24669	0.066	-0.103	0.066	0.108	246.153106	-27.968763	1596.08	87.61
4	GUIDE	891553136	9.22	24631	0.086	0.096	0.085	0.137	246.454955	-27.819225	973.78	995.59
5	GUIDE	891560800	7.93	24686	-0.037	-0.115	0.061	0.098	246.296971	-27.667531	474.73	445.45
6	GUIDE	891561680	7.80	24681	-0.068	0.002	0.070	0.110	246.126760	-27.151147	-1327.36	-264.72
7	GUIDE	891552176	8.99	24669	-0.049	0.116	0.090	0.143	246.804004	-27.854109	1001.39	2113.91

2.4 Star Slots

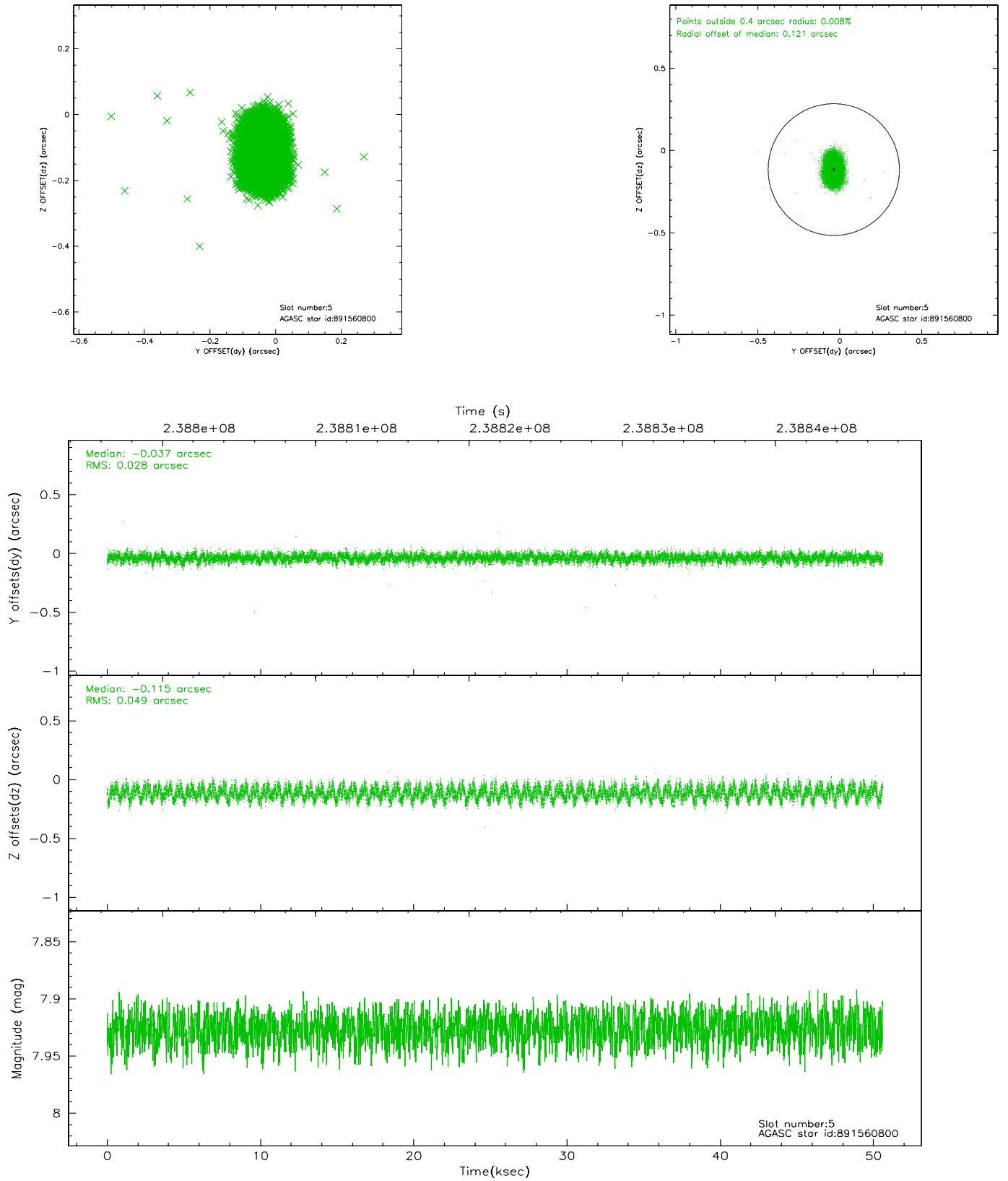
2.4.1 Slot 3



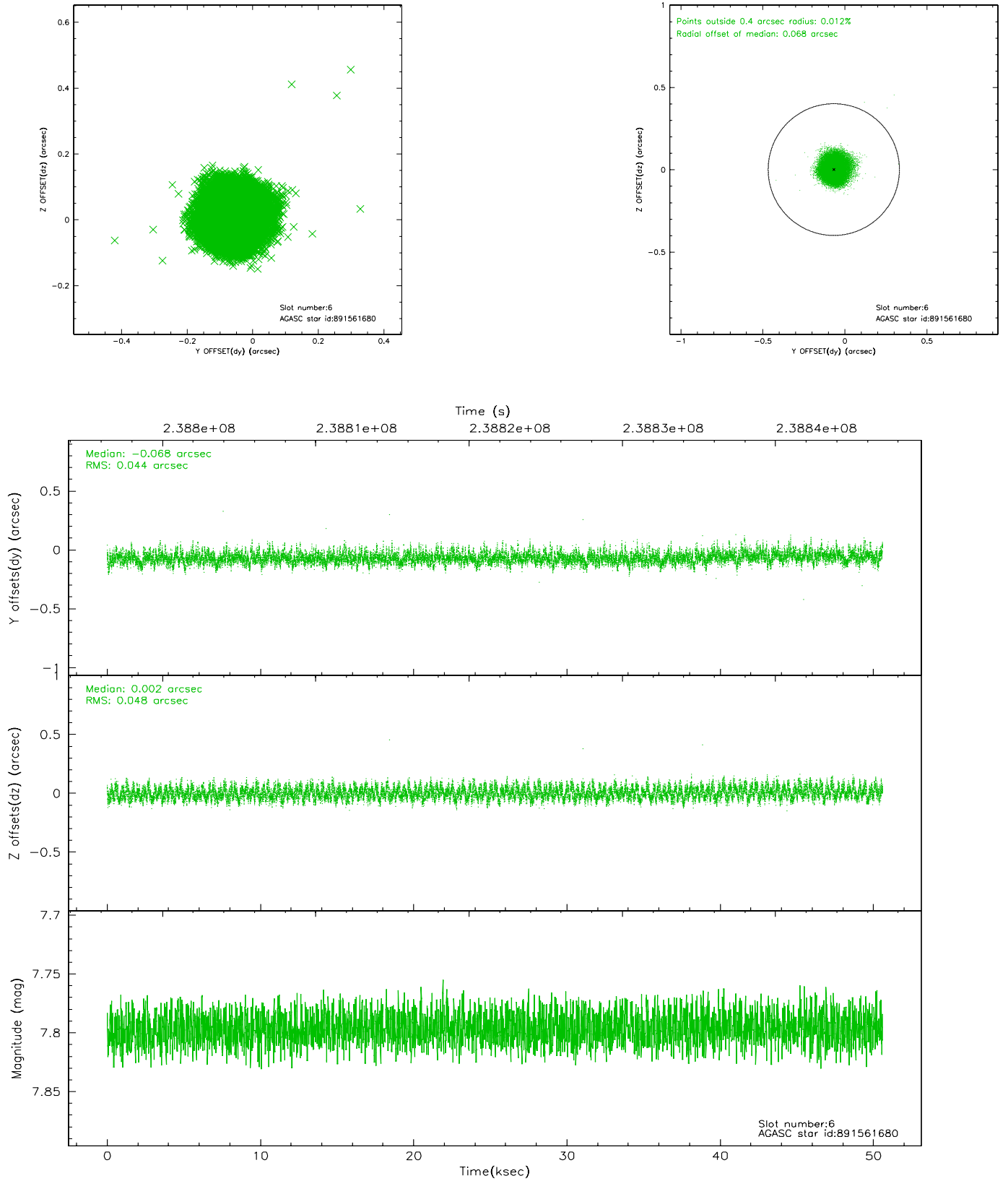
2.4.2 Slot 4



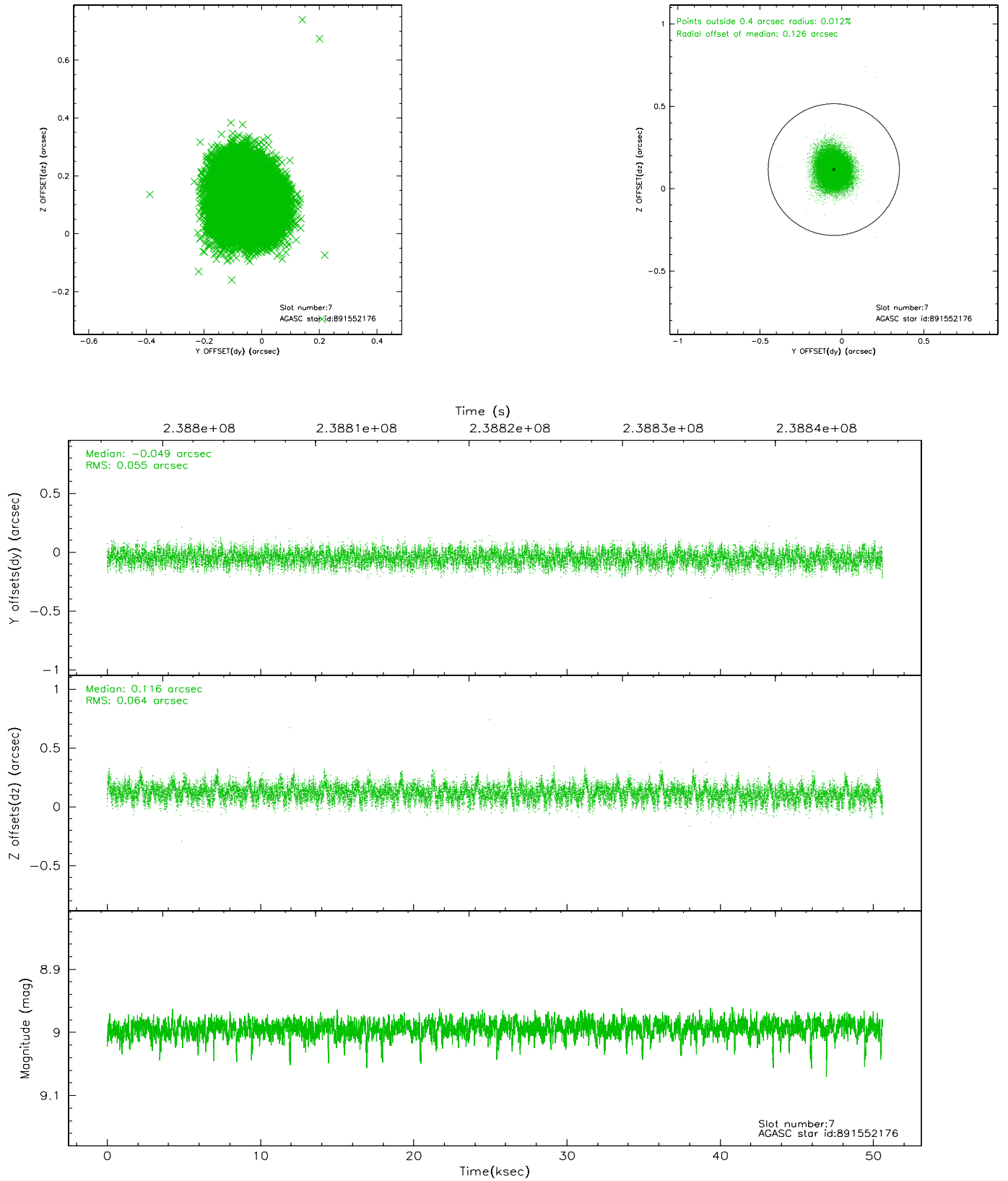
2.4.3 Slot 5



2.4.4 Slot 6

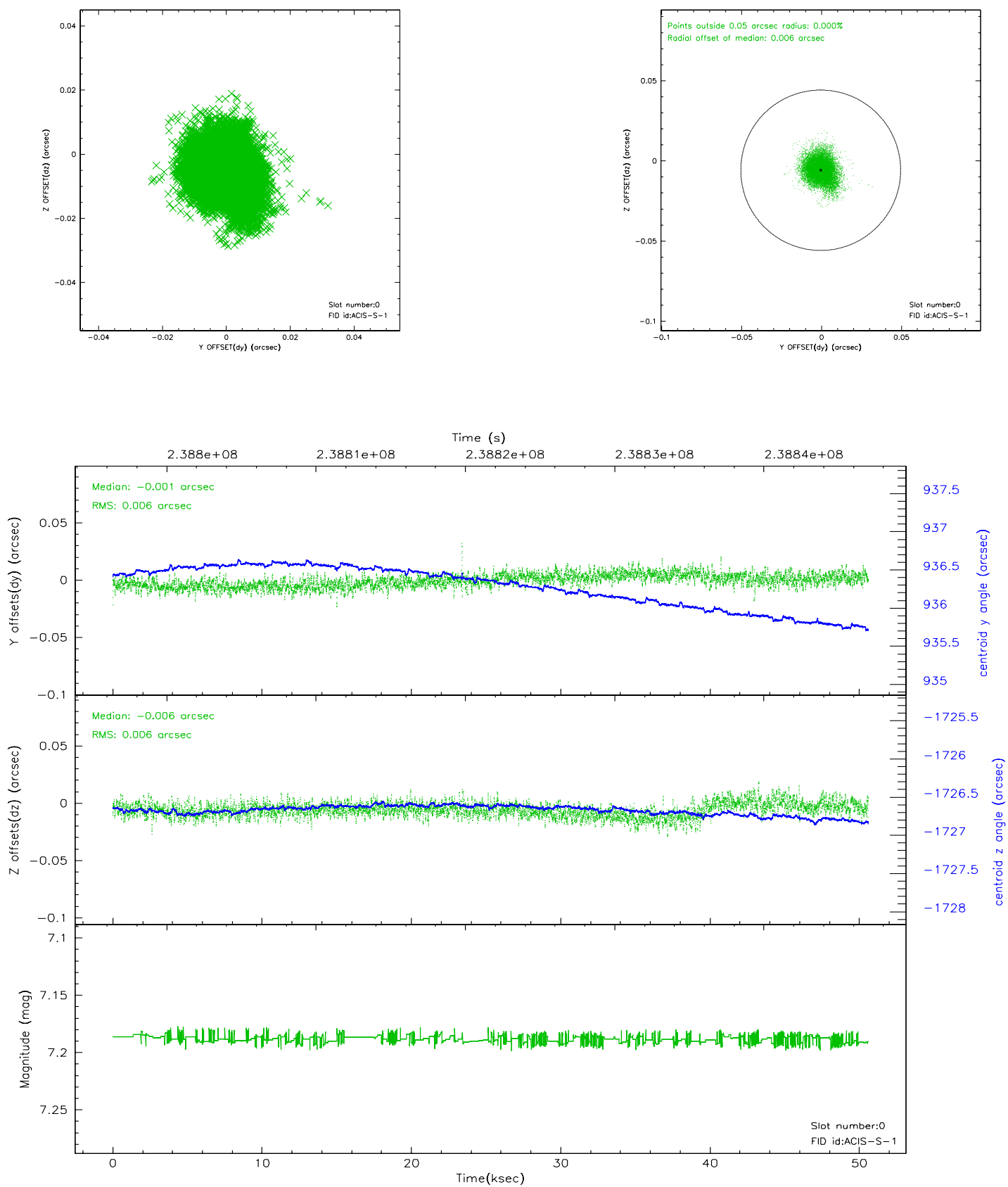


2.4.5 Slot 7

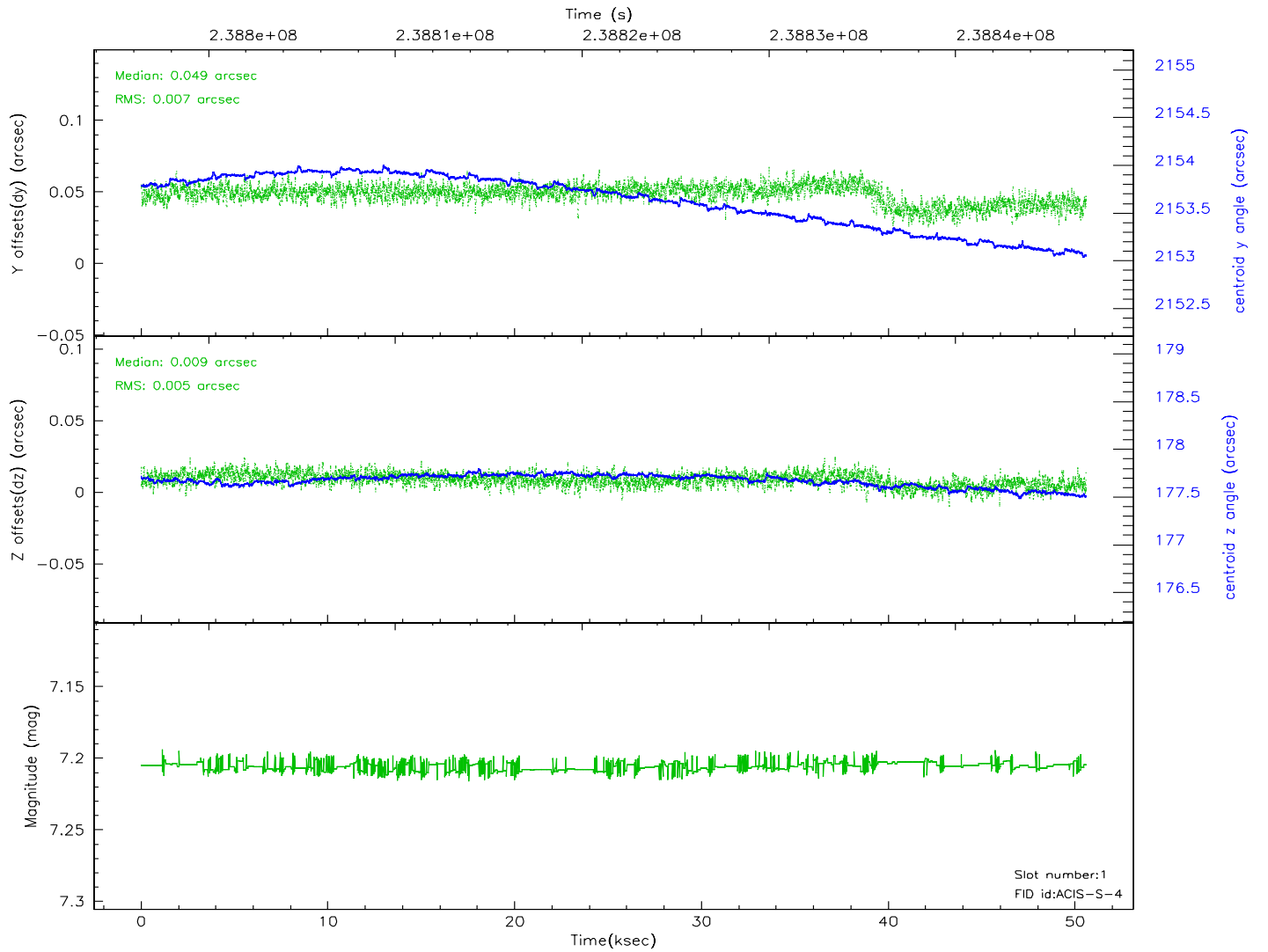
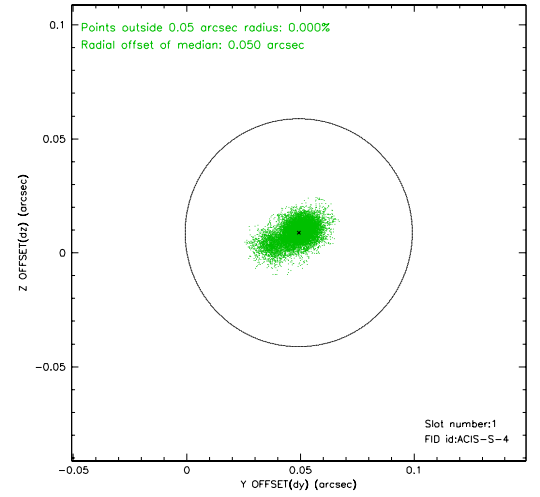
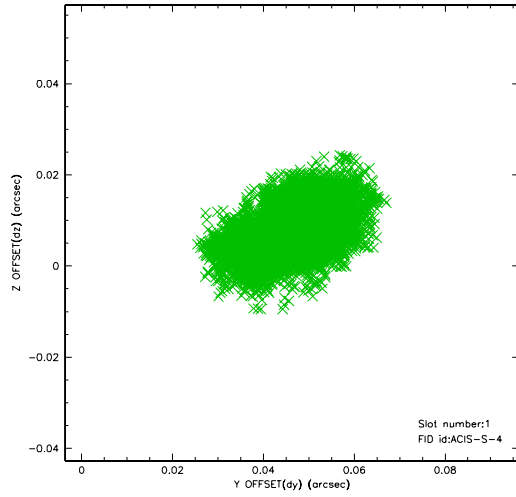


2.5 FID Slots

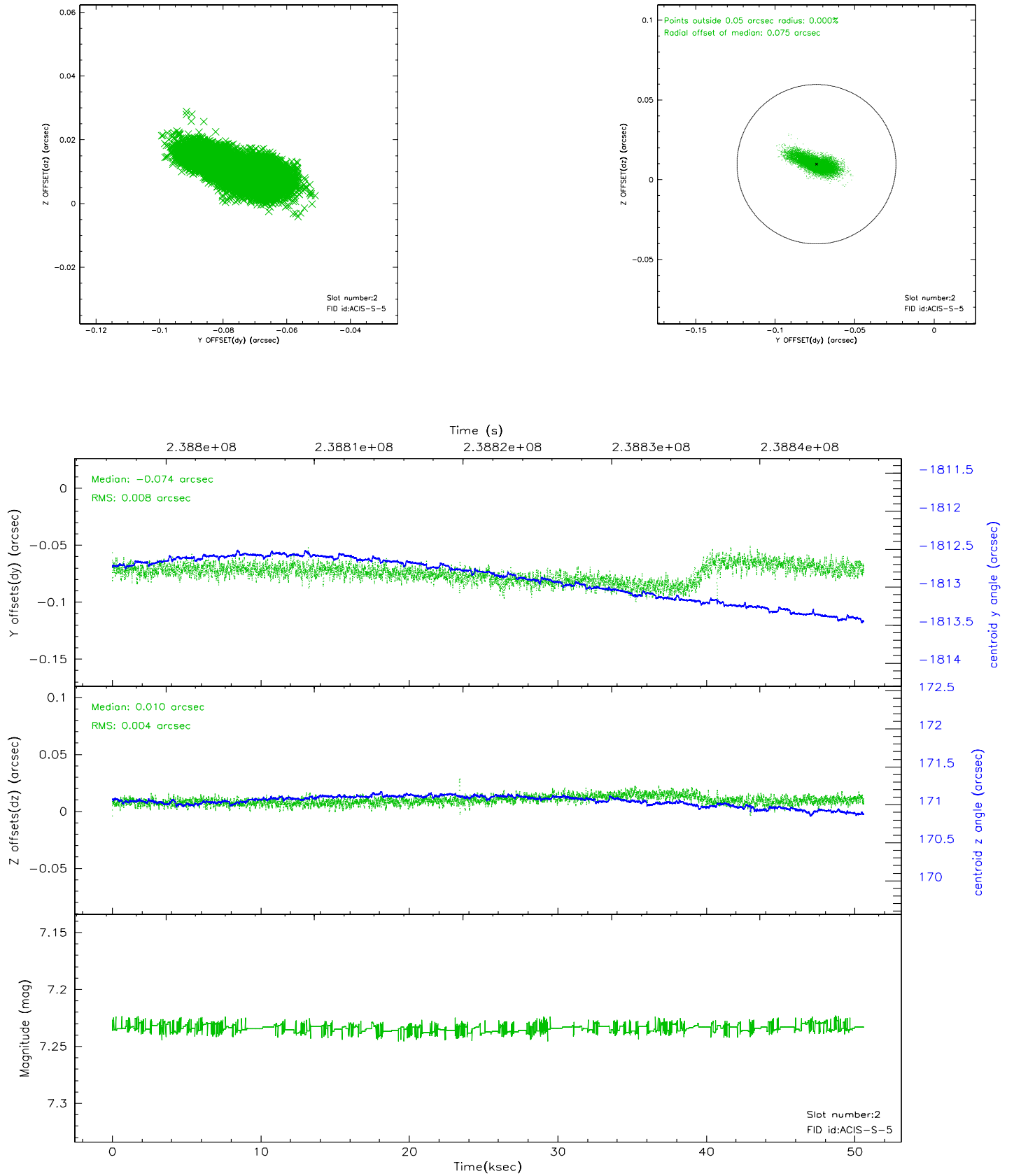
2.5.1 Slot 0



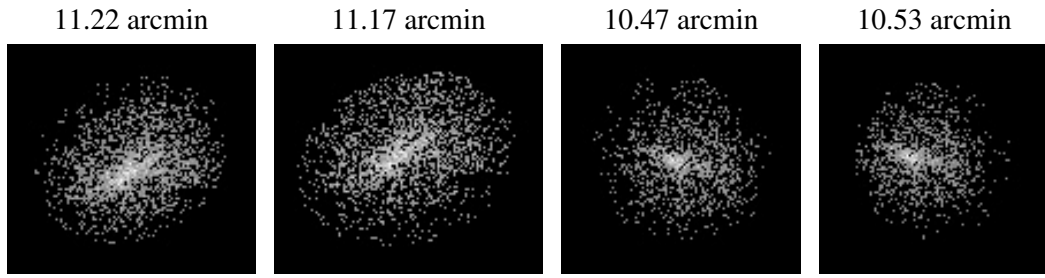
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.03.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	49.96016

A.2 Comments

The ACIS focal plane temperature was above calibration limits for the first 20ksec of the observation.