

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 2882 - L2 Version 001
Chandra X-Ray Center

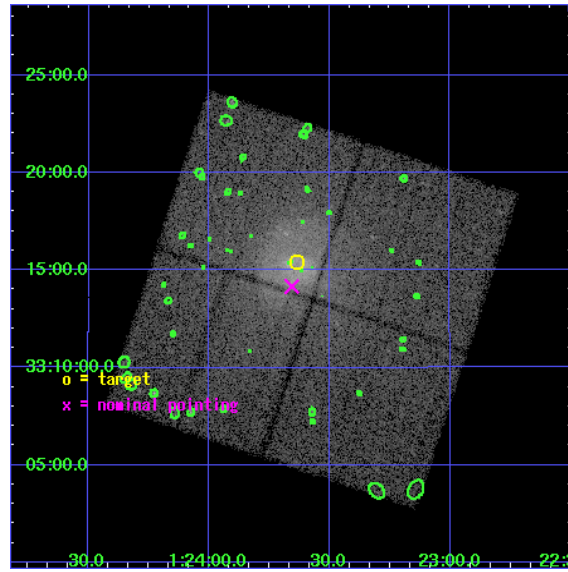
L2 Processing Date : Aug 26 2006

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1 Front

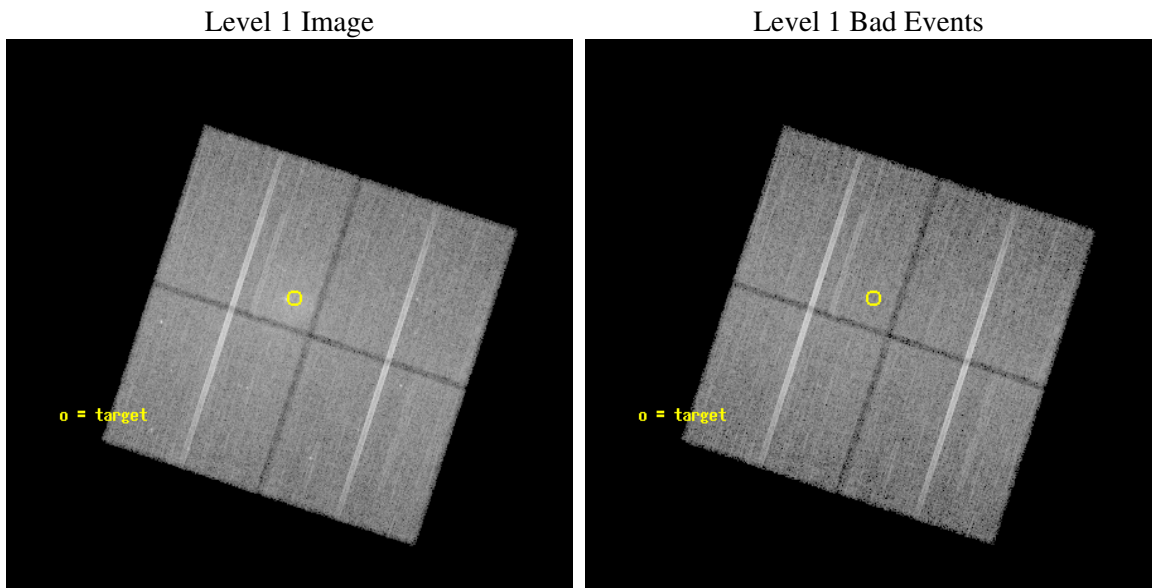
seq_num	600219
obs_id	2882
title	NGC507 -- A GALAXY IN THE ACT OF MERGING
observer	Dr. Stephen Murray
object	NGC507
dtcycle	0
cycle	P
ra_targ	20.908333
dec_targ	33.256667
ra_nom	20.914066094758
dec_nom	33.236151950772
roll_nom	288.29385253582
revision	2
ontime	44202.858944759
livetime	43625.316050974
ontime0	44199.717994511
ontime1	44202.858924836
ontime2	44199.717994511
ontime3	44202.858944759
l2events	181186



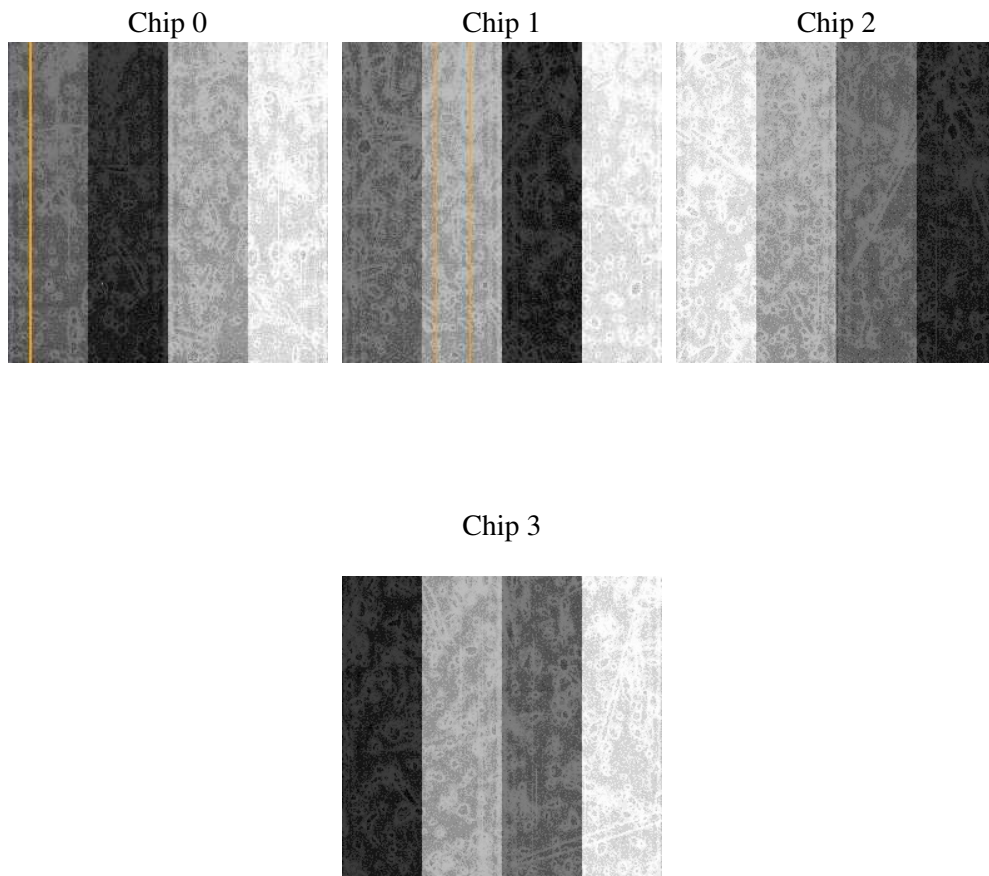
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.8.1
caldbver	3.2.3
date	2006-08-26T03:57:40
revision	2

sched_exp_time	44000.000000
ontime	44250.419539139
ontime0	44247.278588891
ontime1	44250.419519216
ontime2	44247.278588891
ontime3	44250.419539139
l1events	1156171

2.1.4 Events

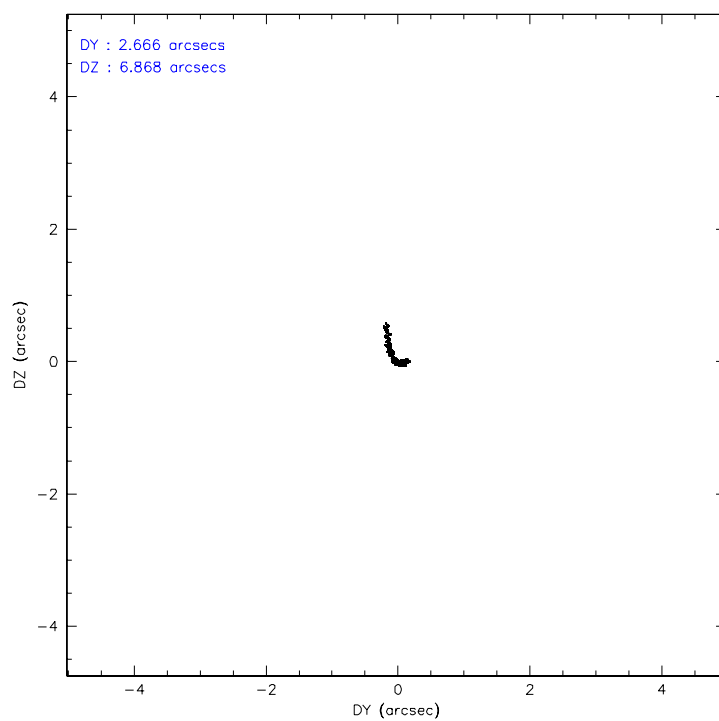
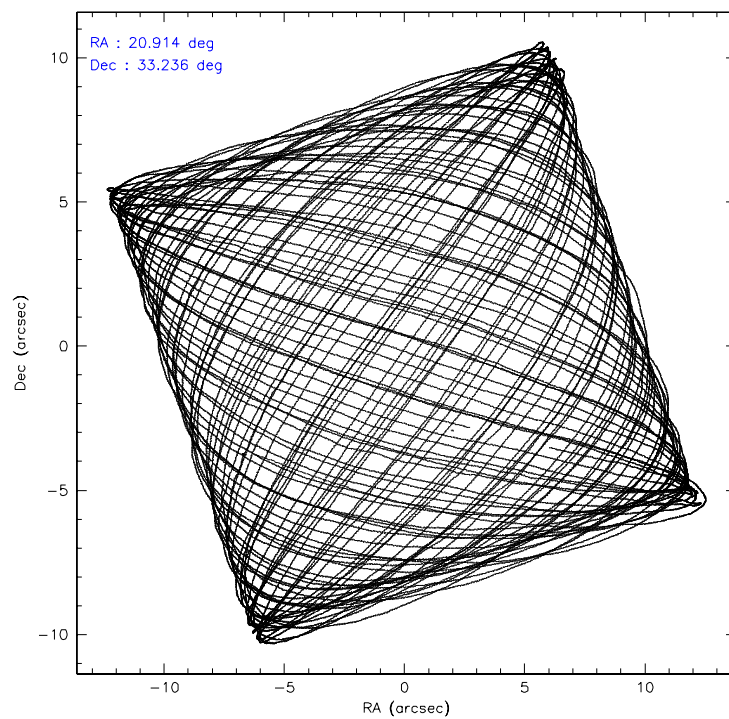
	ccd 0	ccd 1	ccd 2	ccd 3
level 1 events	265099	273804	300765	316503
rejected events	224518	225429	254173	247435
rejected %	84%	82%	84%	78%

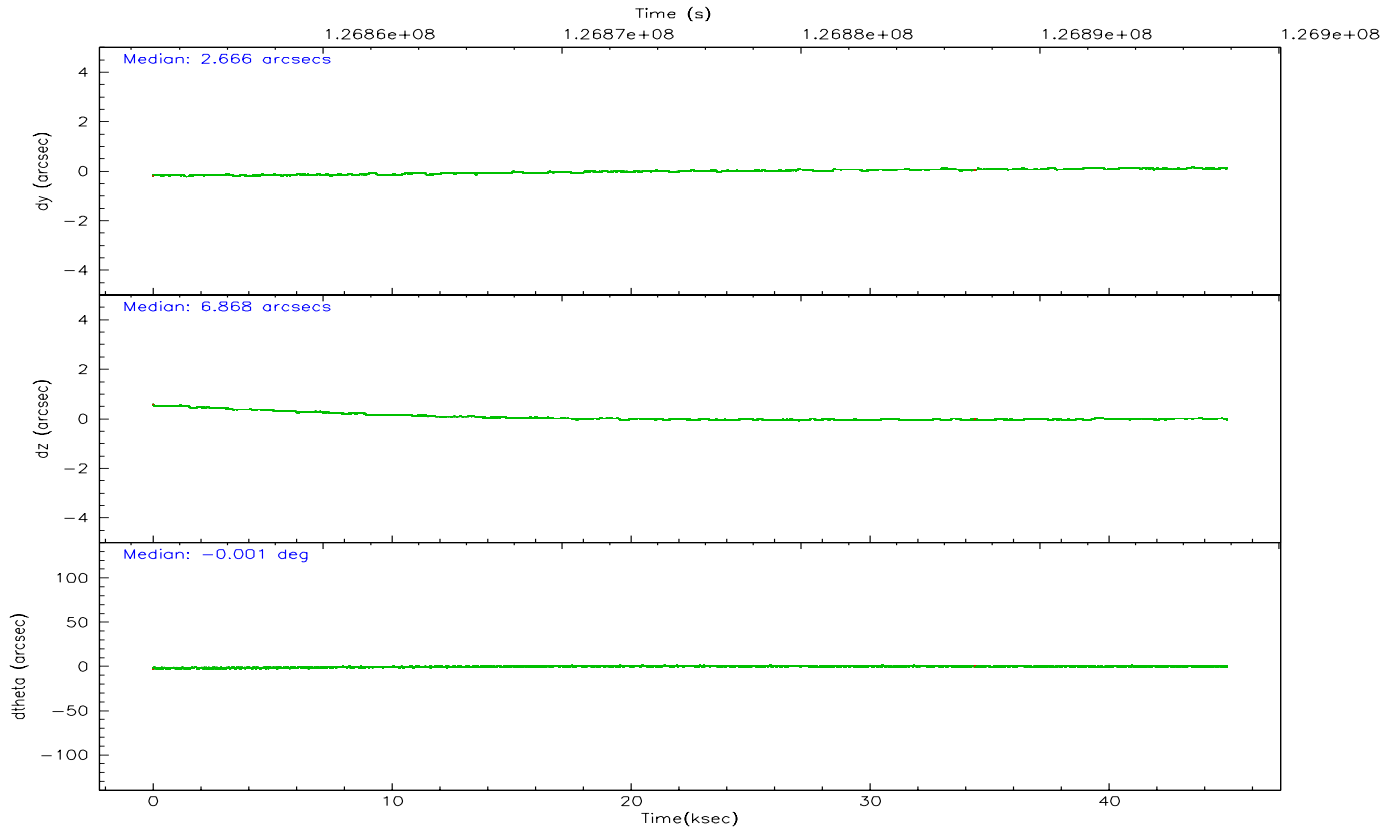
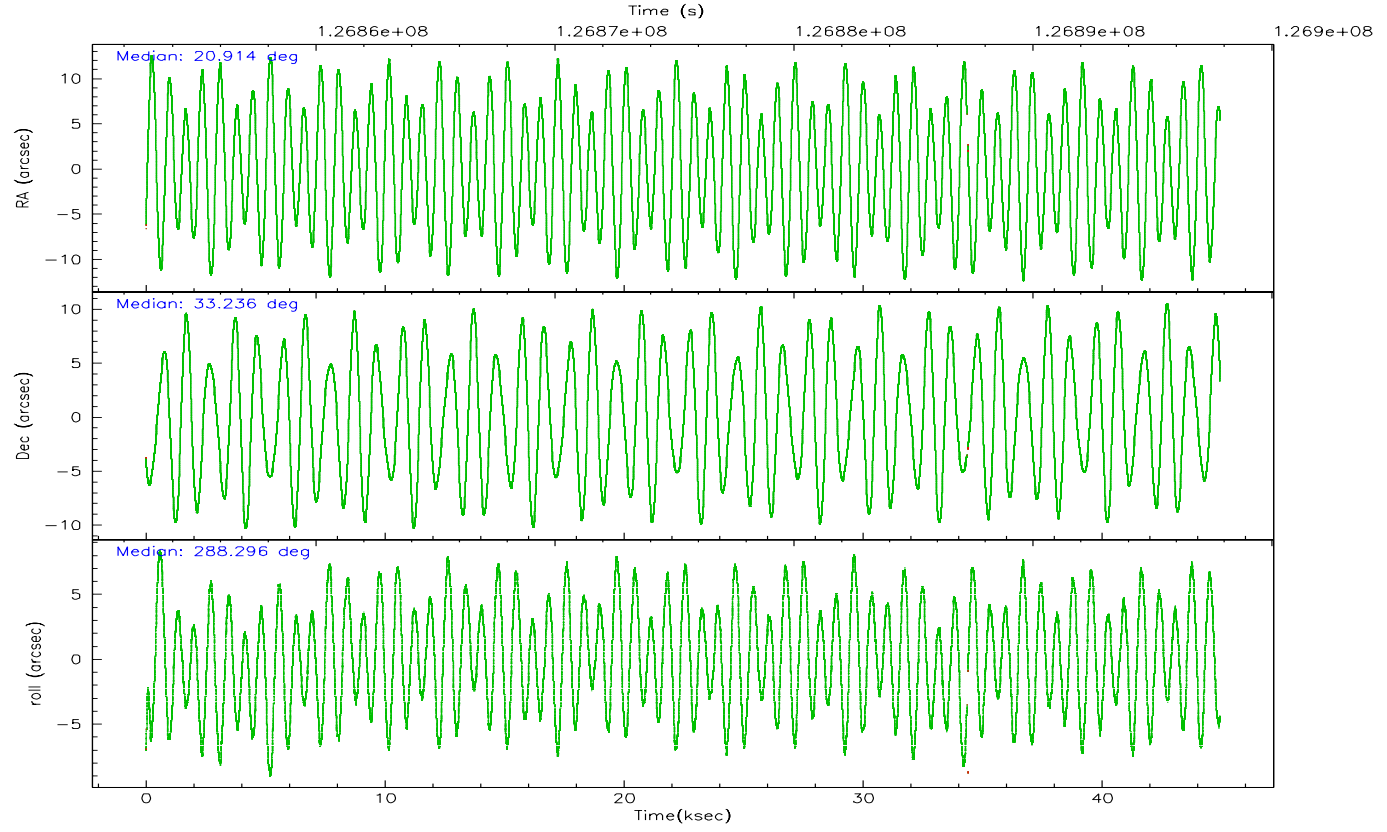
	ccd 0	ccd 1	ccd 2	ccd 3
grade 0 events	19746	24965	25483	45067
	7%	9%	8%	14%
grade 1 events	155	161	157	257
	0%	0%	0%	0%
grade 2 events	7972	8780	8466	9801
	3%	3%	2%	3%
grade 3 events	3549	3960	3339	3868
	1%	1%	1%	1%
grade 4 events	3214	3762	3357	3852
	1%	1%	1%	1%
grade 5 events	10333	11342	10028	11203
	3%	4%	3%	3%
grade 6 events	6155	6952	5995	6547
	2%	2%	1%	2%
grade 7 events	213975	213882	243940	235908
	80%	78%	81%	74%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-0123	ACIS-0123	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	20.889535	20.91406609475793	Alternating exposures requested	N	N
Pointing Dec	33.254329	33.23615195077181	Primary exposure time	0.000000	3.1
Pointing Roll	288.098615	288.2938525358151			
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-231.592463	-231.5986110572947			
SIM translation stage offset (mm)	-2	-1.993841945634955			
Observation start time	126853831.184000	126852500.34934			
Observation start date	2002-01-08T05:09:27	2002-01-08T04:48:20			
Observation end time	126897831.184000	126898553.08869			
Observation end date	2002-01-08T17:22:47	2002-01-08T17:35:53			
Read mode	TIMED	TIMED			

2.3 Aspect



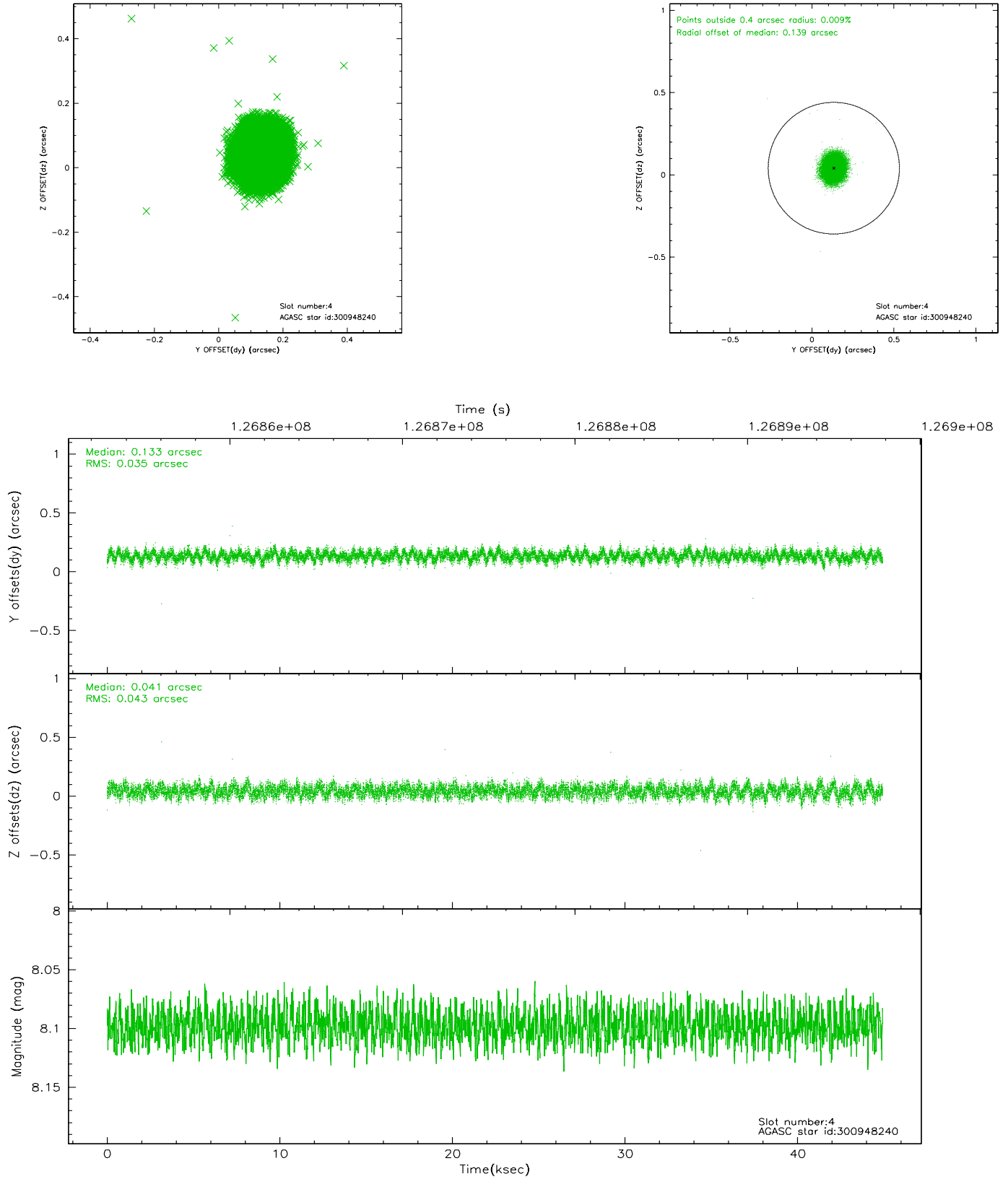


Slot Statistics

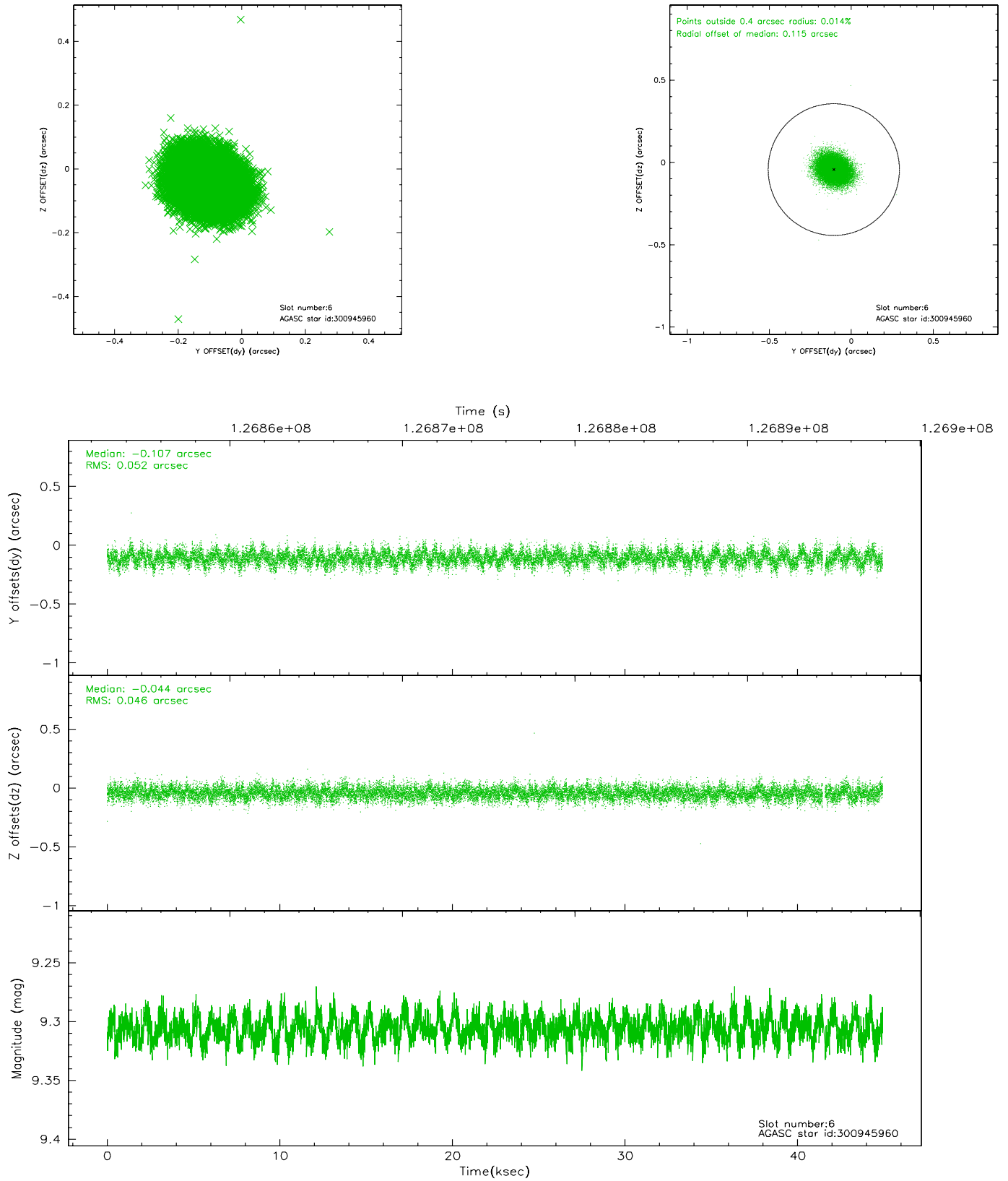
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	10949	-0.031	0.096	0.009	0.021	0.000000	0.000000	937.07	-871.11
1	FID	ACIS-I-5	7.23	10947	-0.046	0.036	0.011	0.021	0.000000	0.000000	-1811.03	1026.36
2	FID	ACIS-I-6	7.24	10950	-0.013	-0.061	0.008	0.013	0.000000	0.000000	402.67	1670.73
3	UNUSED		0.00	0	0.000	0.000	0.000	0.000	0.000000	0.000000	0.00	0.00
4	GUIDE	300948240	8.10	21898	0.133	0.041	0.059	0.093	21.318271	32.949093	1444.16	889.74
5	UNUSED		0.00	0	0.000	0.000	0.000	0.000	0.000000	0.000000	0.00	0.00
6	GUIDE	300945960	9.31	21819	-0.107	-0.044	0.074	0.120	20.665202	33.720044	-1803.36	-118.25
7	GUIDE	300943032	6.93	21896	-0.027	0.001	0.049	0.080	20.800487	33.289899	-205.52	-215.73

2.4 Star Slots

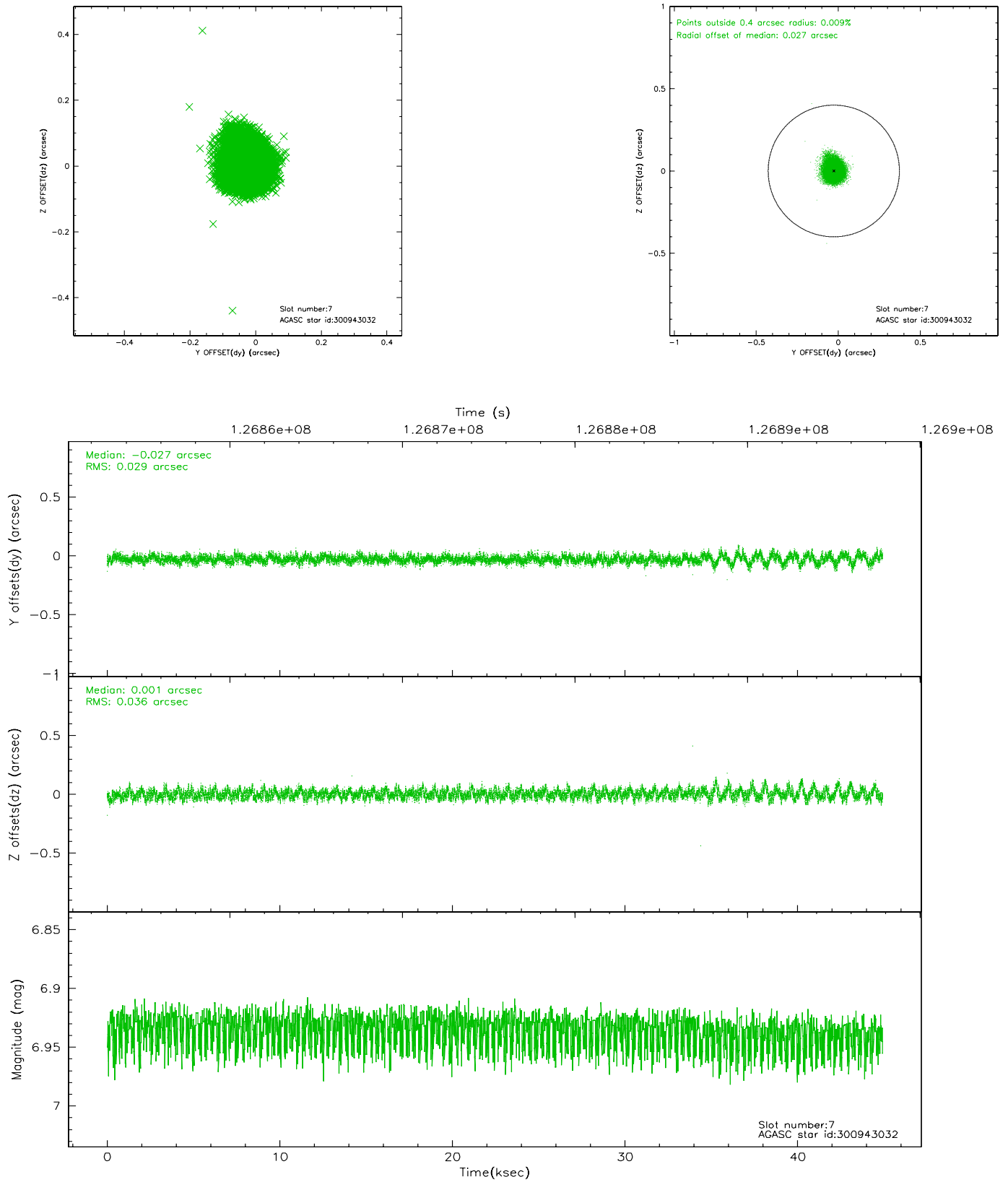
2.4.1 Slot 4



2.4.2 Slot 6

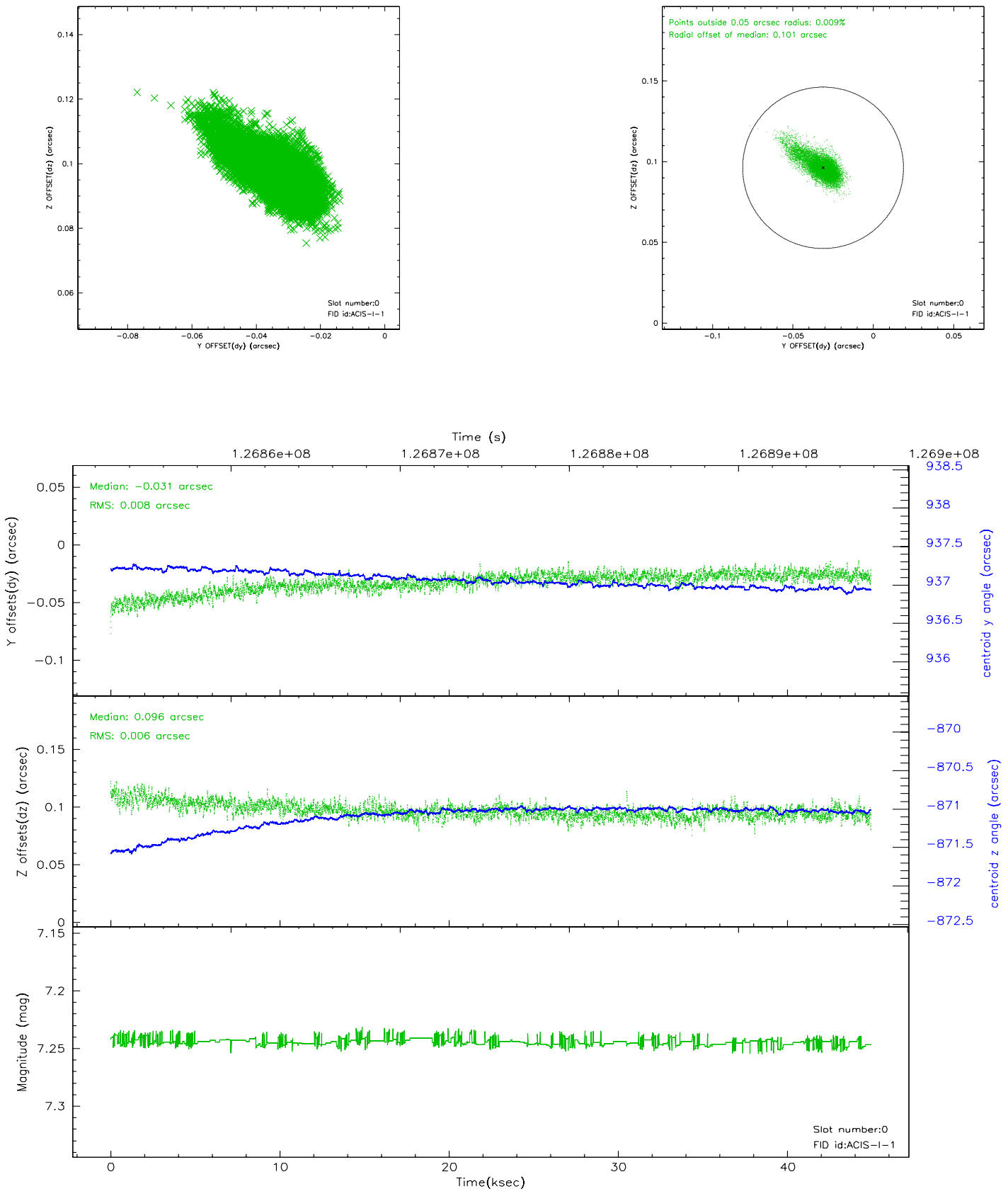


2.4.3 Slot 7

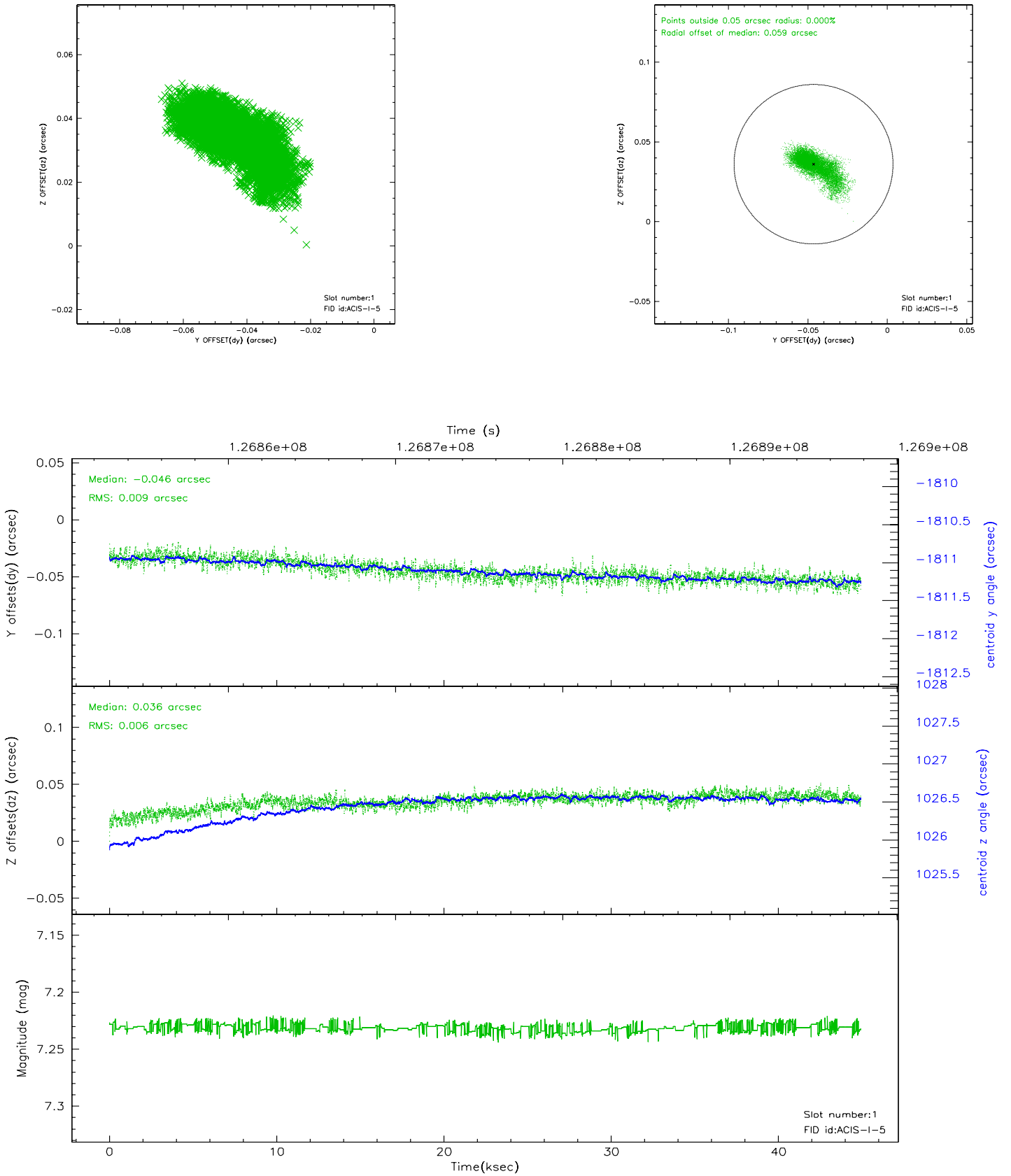


2.5 FID Slots

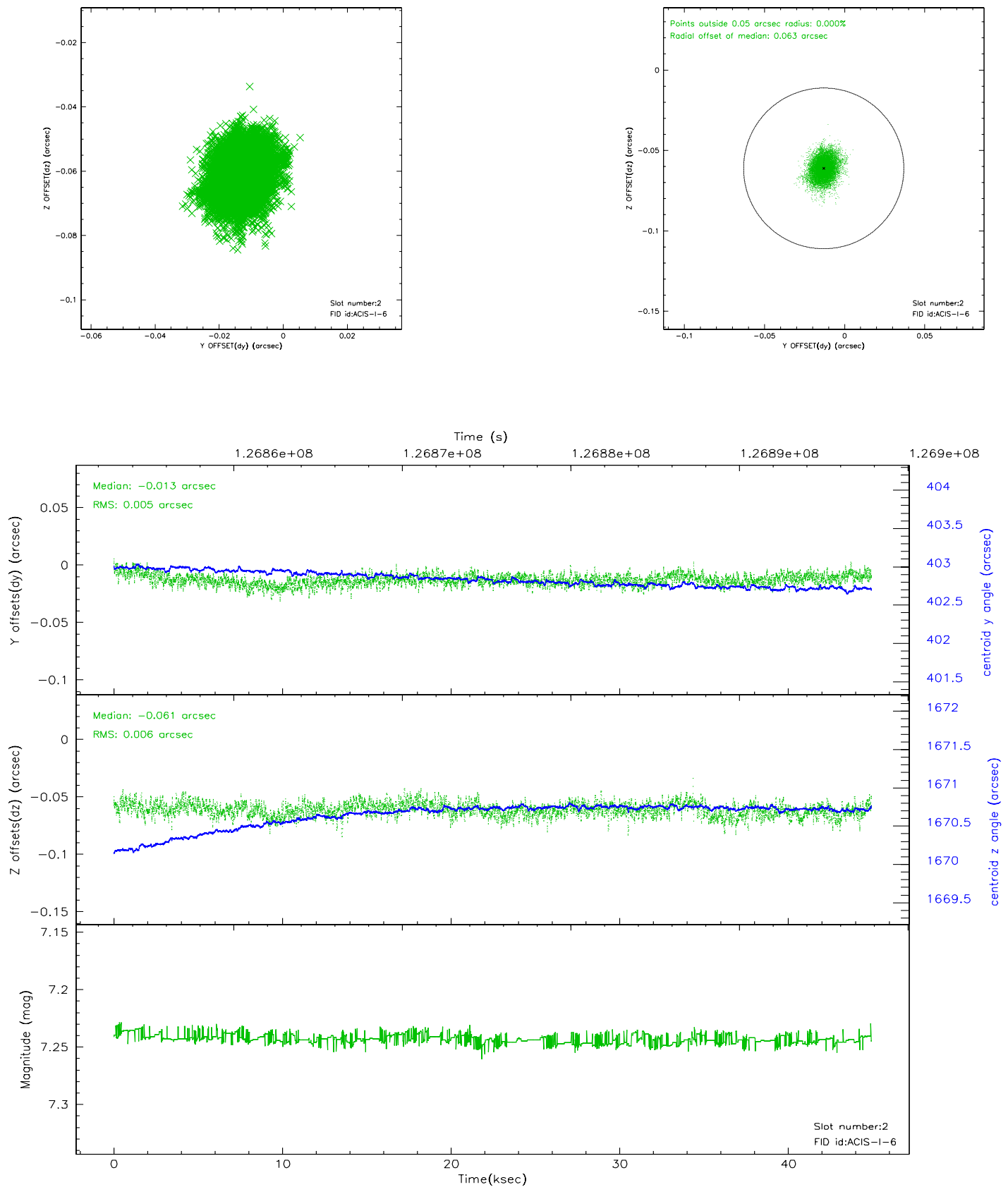
2.5.1 Slot 0



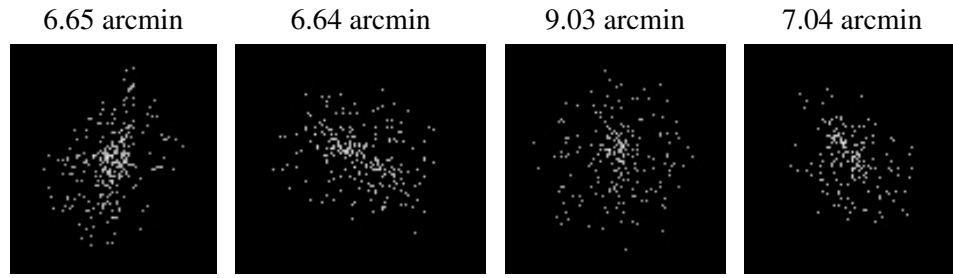
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.08.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	44.206

A.2 Comments

Two guide stars were not acquired. This did not have an impact on the aspect solution.