

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 6358 - L2 Version 002
Chandra X-Ray Center

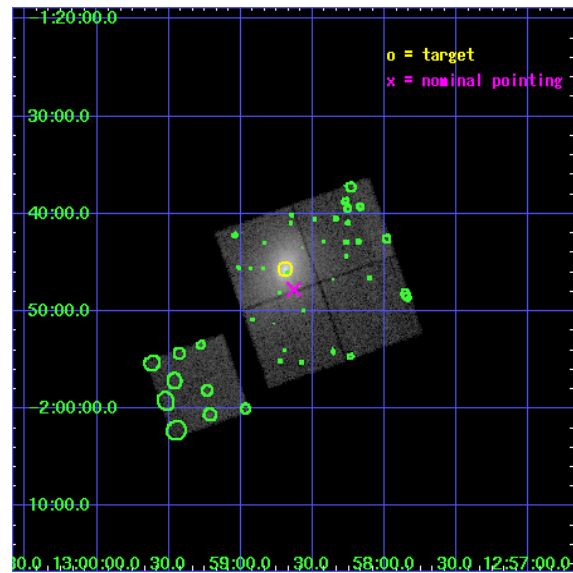
L2 Processing Date : Mar 19 2006

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1 Front

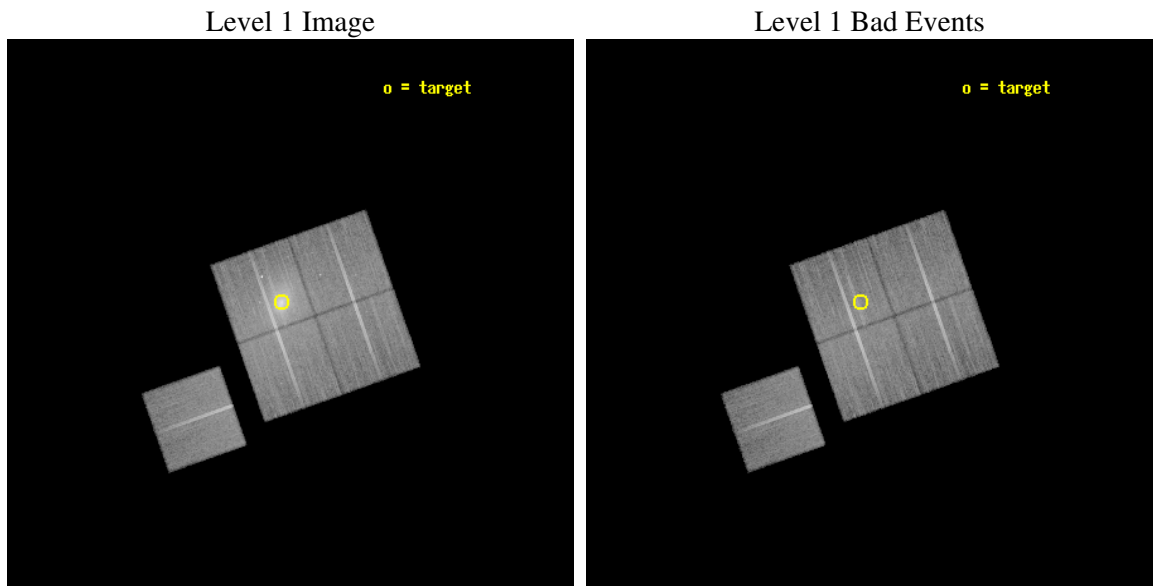
seq_num	800535
obs_id	6358
title	A Deep Observation of a Radio-Quiet Cooling Flow
observer	Dr. Megan Donahue
object	Abell 1650
dtcycle	0
cycle	P
ra_targ	194.672083
dec_targ	-1.761389
ra_nom	194.65777148123
dec_nom	-1.7962117452818
roll_nom	250.59507866747
revision	2
ontime	32221.358947873
livetime	31800.3631722
ontime0	32221.358967781
ontime1	32218.217957735
ontime2	32208.795126647
ontime3	32221.358947873
ontime6	32224.499938041
l2events	186635



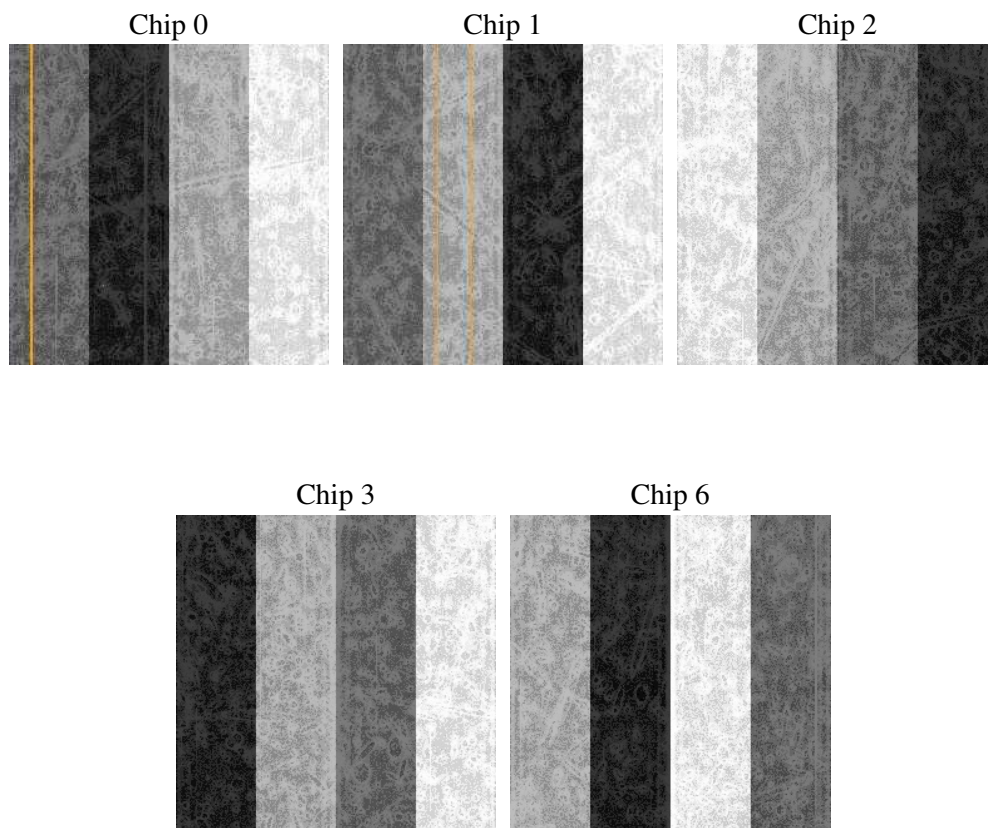
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.1
caldbver	3.2.1
date	2006-03-19T09:56:15
revision	2

sched_exp_time	32074.132000
ontime	32638.164027065
ontime0	32638.164046973
ontime1	32635.023036927
ontime2	32625.600205839
ontime3	32638.164027065
ontime6	32641.305017233
l1events	1078994

2.1.4 Events

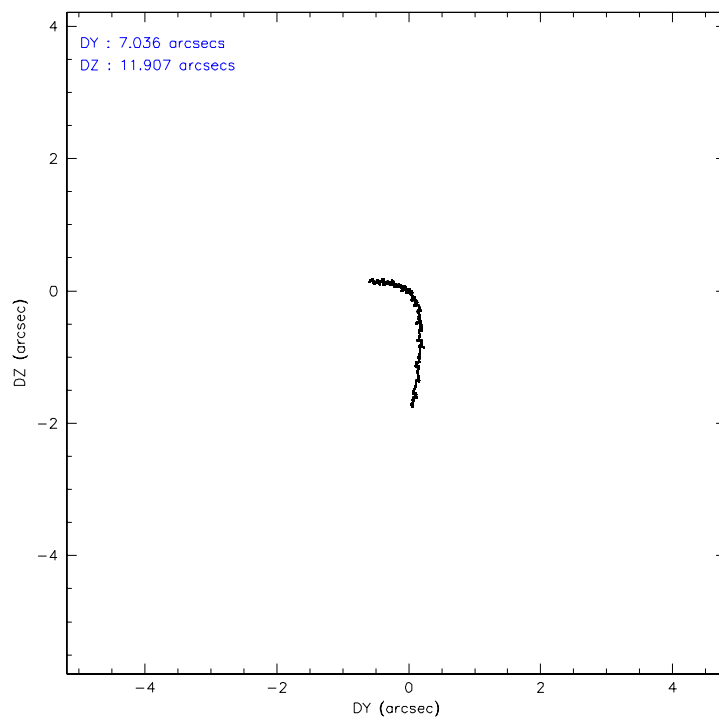
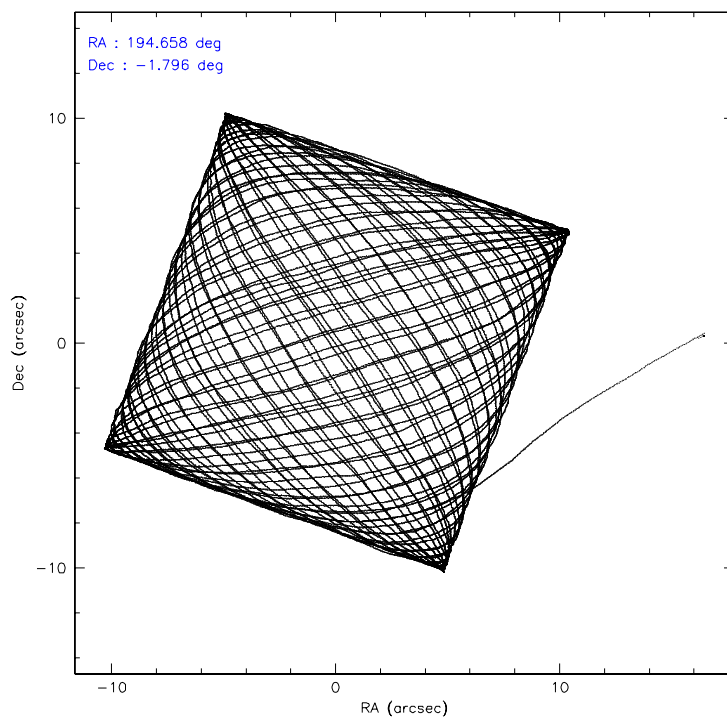
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	187351	194538	218867	285516	192722
rejected events	165925	165434	189289	180137	171492
rejected %	88%	85%	86%	63%	88%

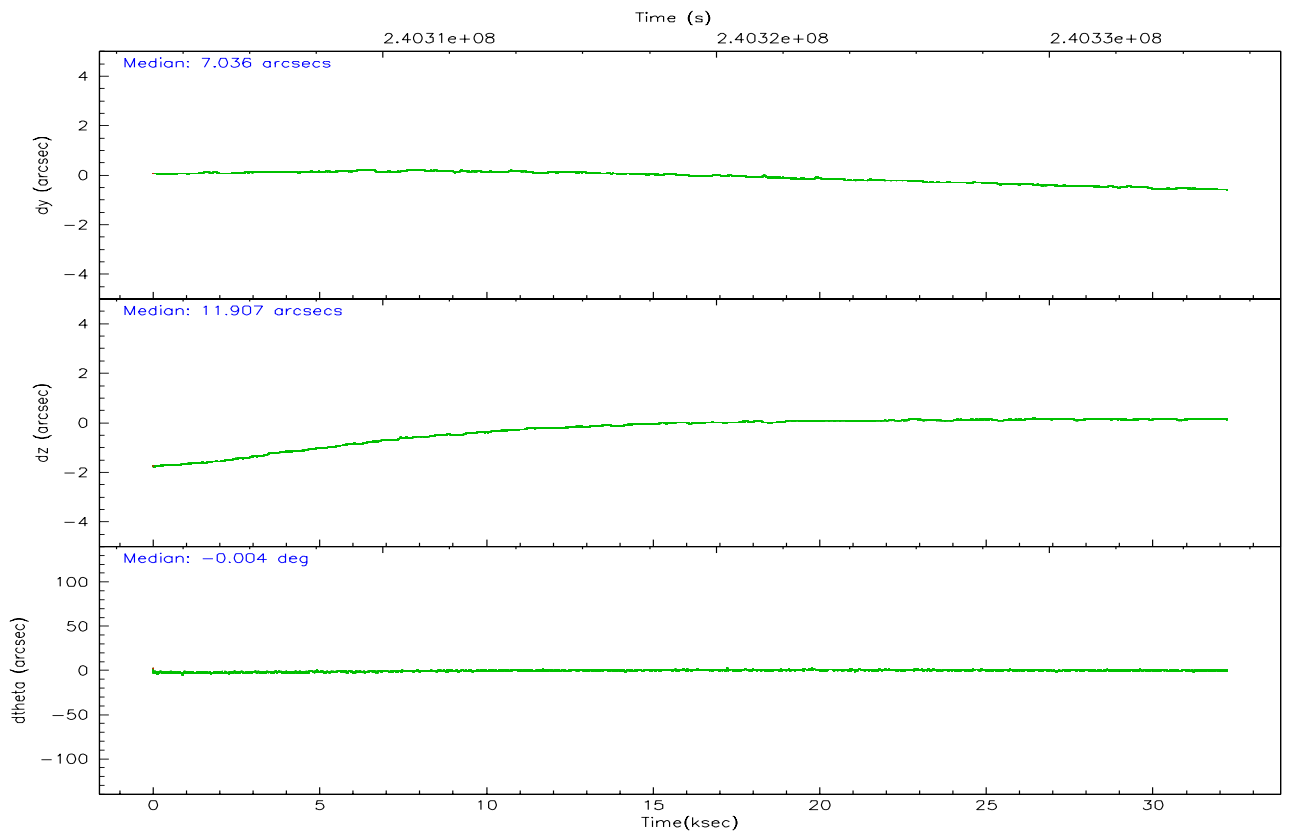
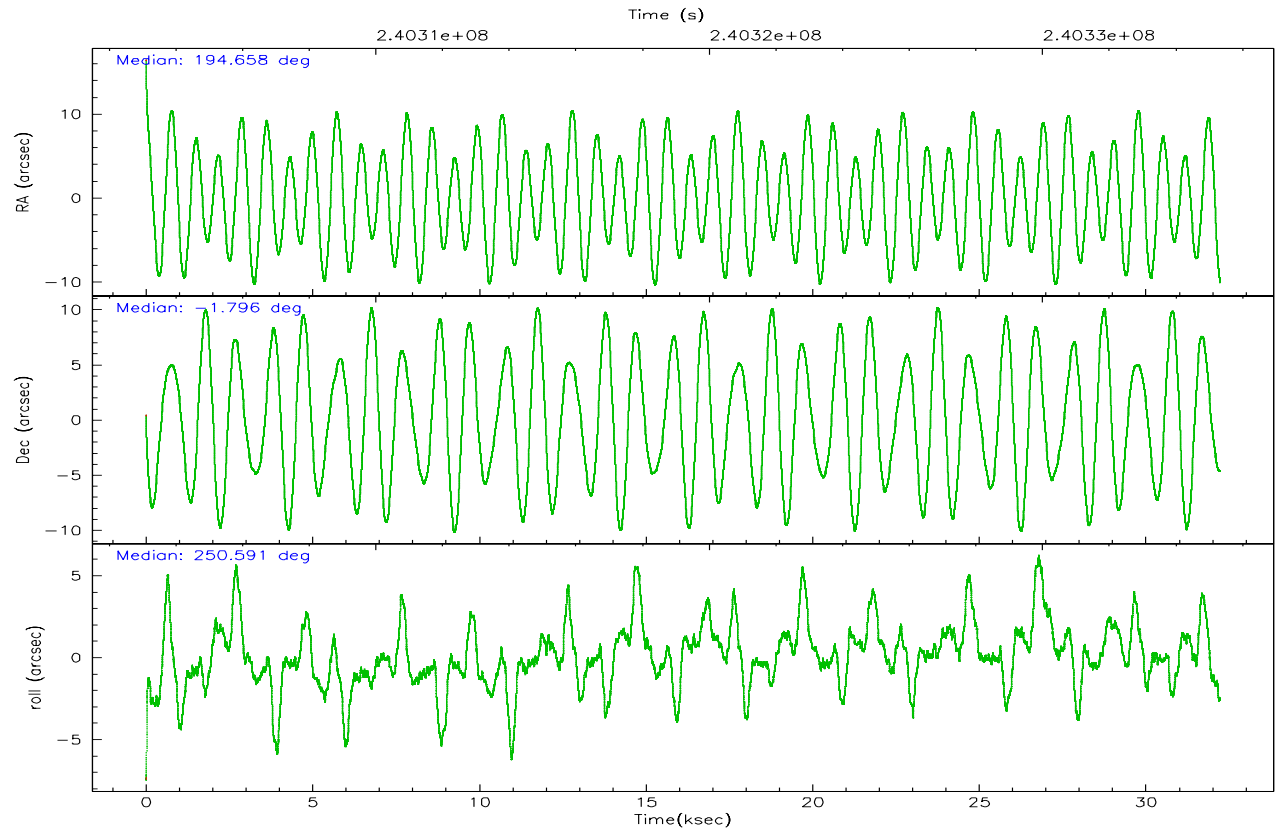
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	8354	13978	15395	78698	7881
	4%	7%	7%	27%	4%
grade 1 events	109	114	151	506	86
	0%	0%	0%	0%	0%
grade 2 events	4979	5646	5642	12187	4416
	2%	2%	2%	4%	2%
grade 3 events	2285	2618	2486	4727	2355
	1%	1%	1%	1%	1%
grade 4 events	2146	2651	2442	4744	2334
	1%	1%	1%	1%	1%
grade 5 events	6900	7652	6601	8322	7968
	3%	3%	3%	2%	4%
grade 6 events	3940	4653	3912	5691	4531
	2%	2%	1%	1%	2%
grade 7 events	158638	157226	182238	170641	163151
	84%	80%	83%	59%	84%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-01236	ACIS-01236	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	194.652611	194.6577714812343	Alternating exposures requested	N	N
Pointing Dec	-1.769317	-1.796211745281755	Primary exposure time	0.000000	3.1
Pointing Roll	250.386231	250.5950786674716			
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-227.592463	-227.5958210972112			
SIM translation stage offset (mm)	-6	-5.996631905718488			
Observation start time	240303256.184000	240302072.35563			
Observation start date	2005-08-13T06:53:12	2005-08-13T06:34:32			
Observation end time	240335330.184000	240335557.56967			
Observation end date	2005-08-13T15:47:46	2005-08-13T15:52:37			
Read mode	TIMED	TIMED			

2.3 Aspect



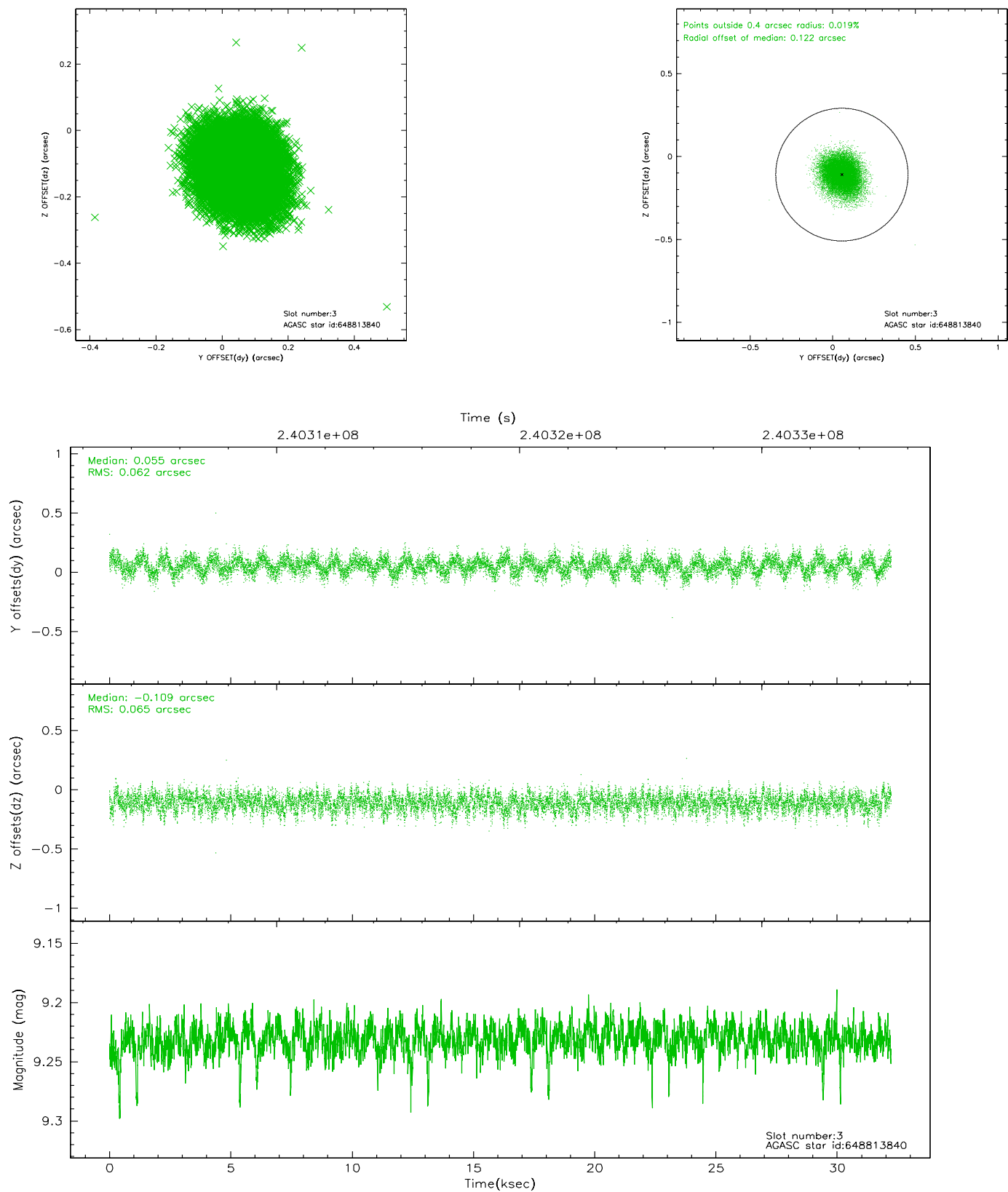


Slot Statistics

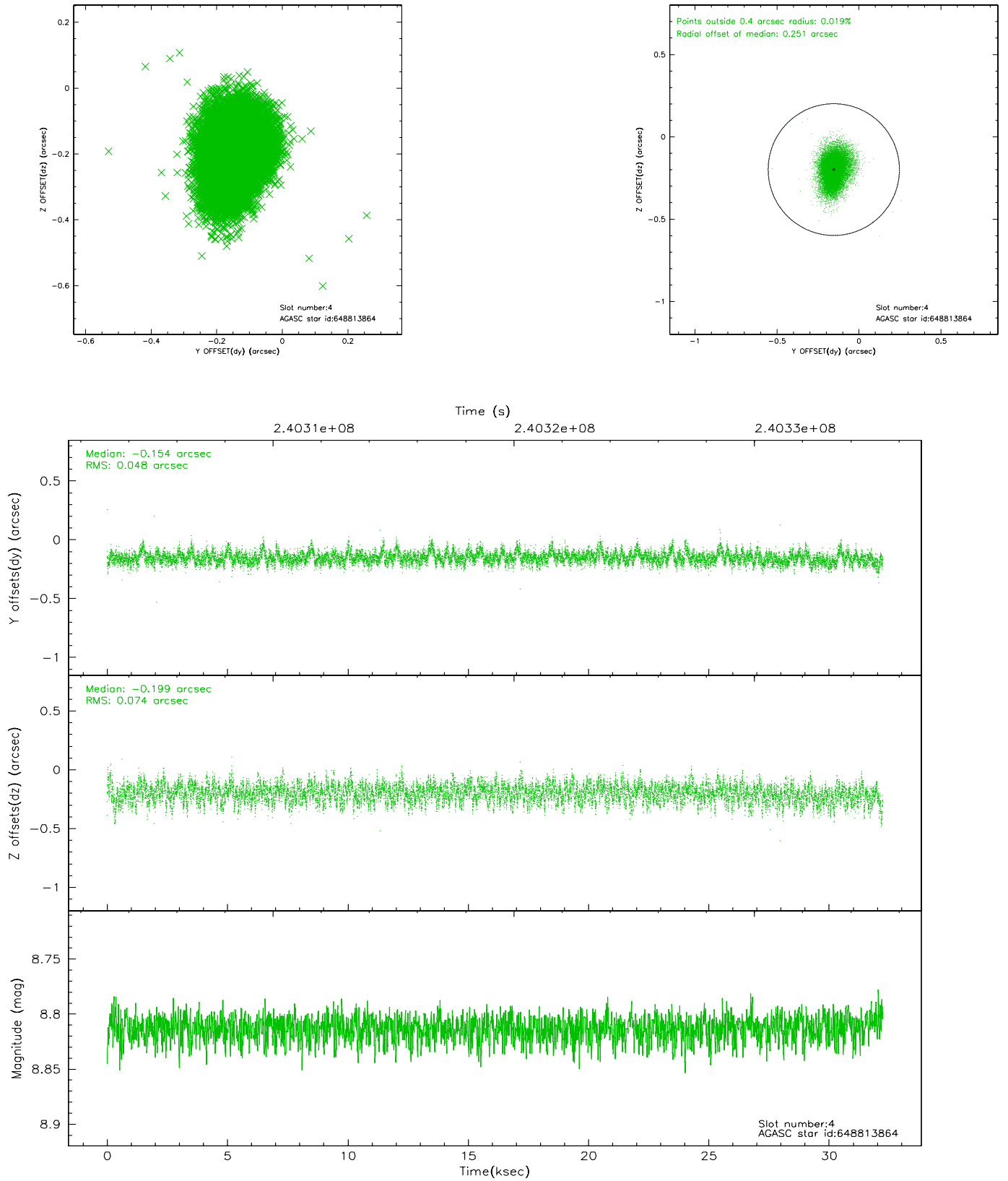
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.23	7858	0.060	-0.134	0.029	0.055	0.000000	0.000000	932.71	-958.30
1	FID	ACIS-I-4	7.15	7862	-0.015	0.088	0.021	0.039	0.000000	0.000000	2152.32	942.46
2	FID	ACIS-I-5	7.22	7862	-0.145	0.117	0.017	0.027	0.000000	0.000000	-1815.47	939.55
3	GUIDE	648813840	9.23	15718	0.055	-0.109	0.096	0.154	194.717621	-1.945504	519.44	433.68
4	GUIDE	648813864	8.81	15721	-0.154	-0.199	0.092	0.154	194.235605	-1.103465	-1753.89	-2218.61
5	GUIDE	648815800	9.56	15710	0.201	0.049	0.108	0.183	194.475560	-2.052849	1175.42	-257.36
6	GUIDE	649731776	10.04	15713	-0.128	0.129	0.143	0.232	195.271404	-1.336449	-2215.23	1575.04
7	GUIDE	649732632	9.76	15710	0.020	0.135	0.154	0.239	195.023958	-2.038250	463.99	1584.64

2.4 Star Slots

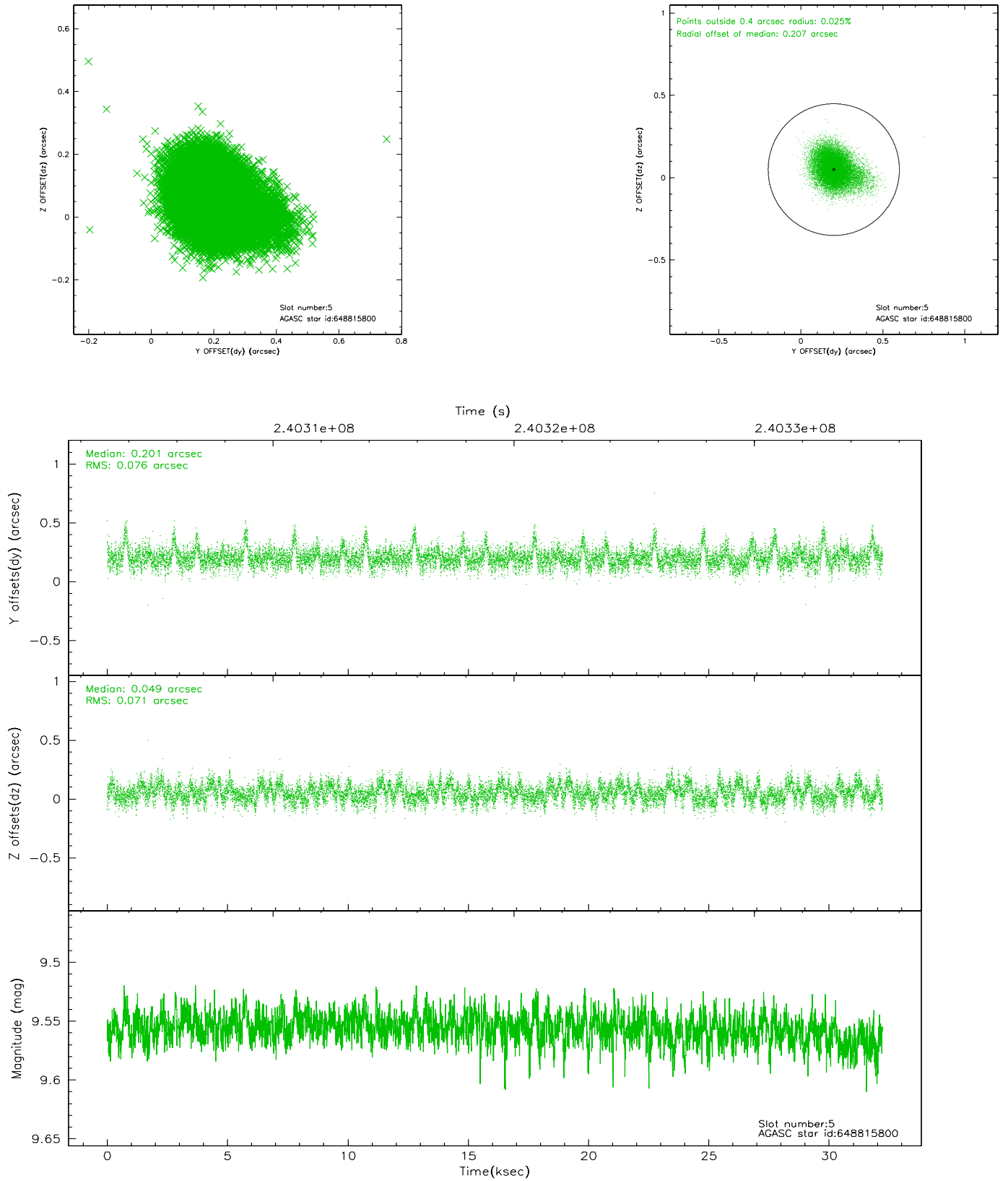
2.4.1 Slot 3



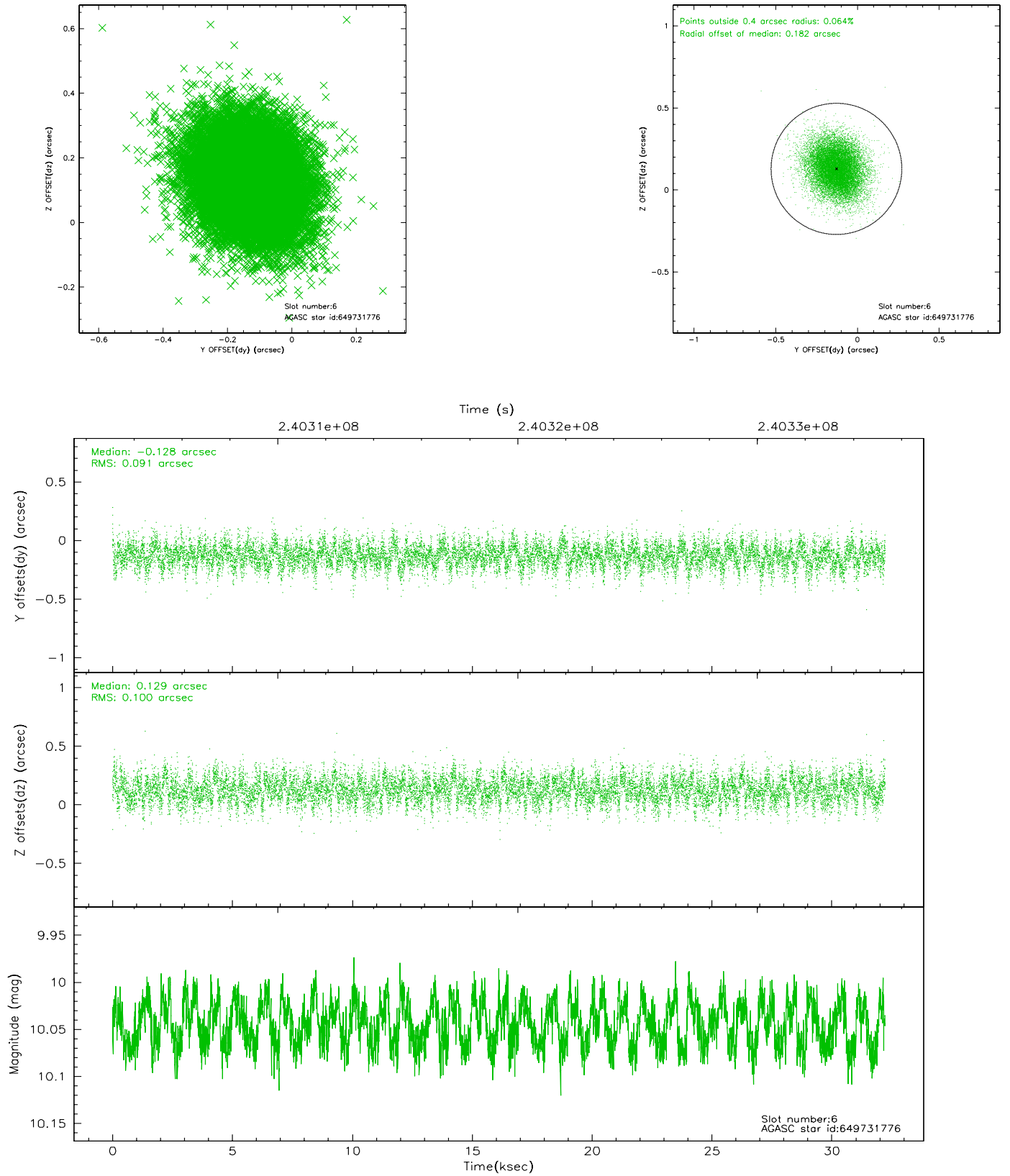
2.4.2 Slot 4



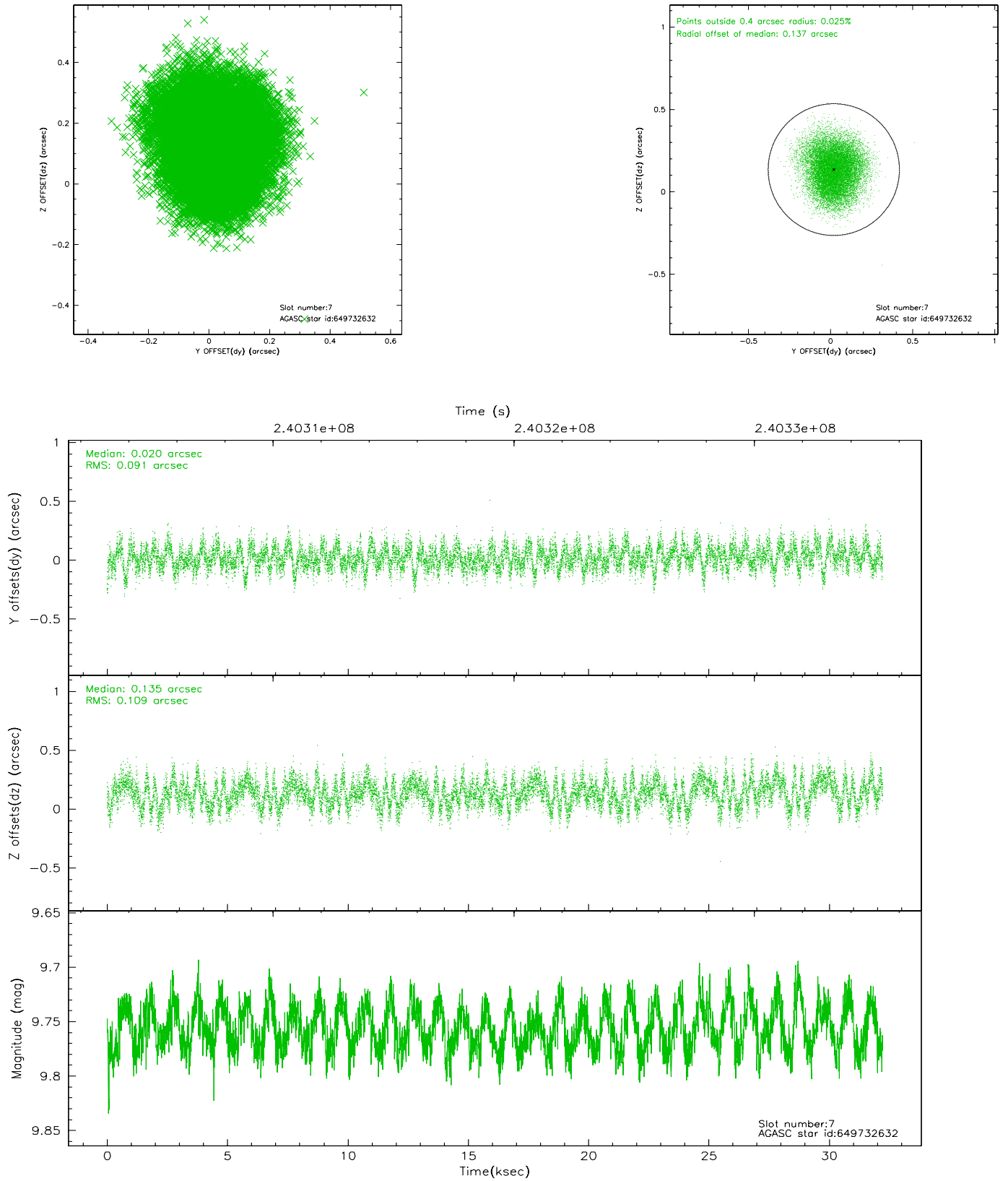
2.4.3 Slot 5



2.4.4 Slot 6

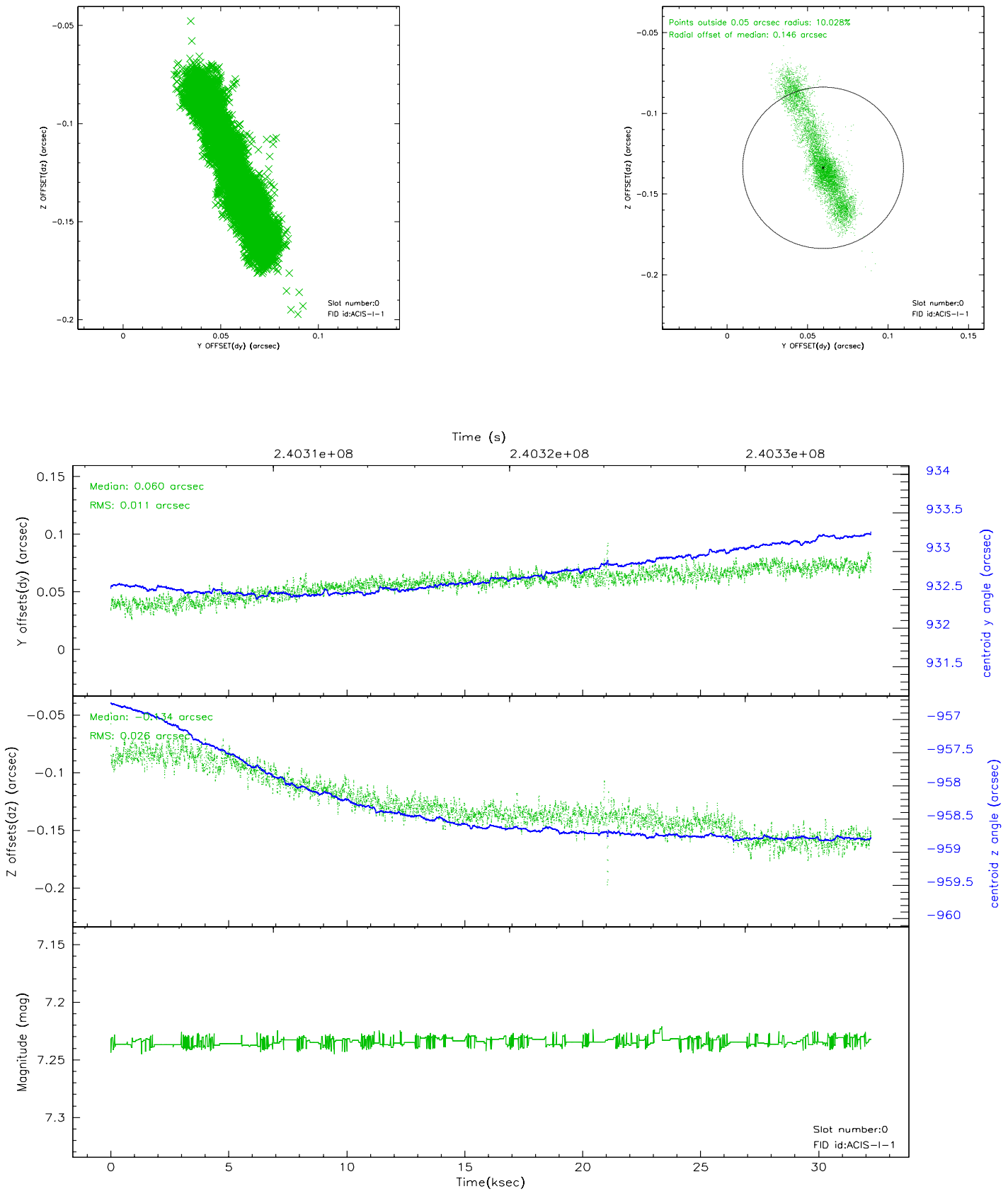


2.4.5 Slot 7

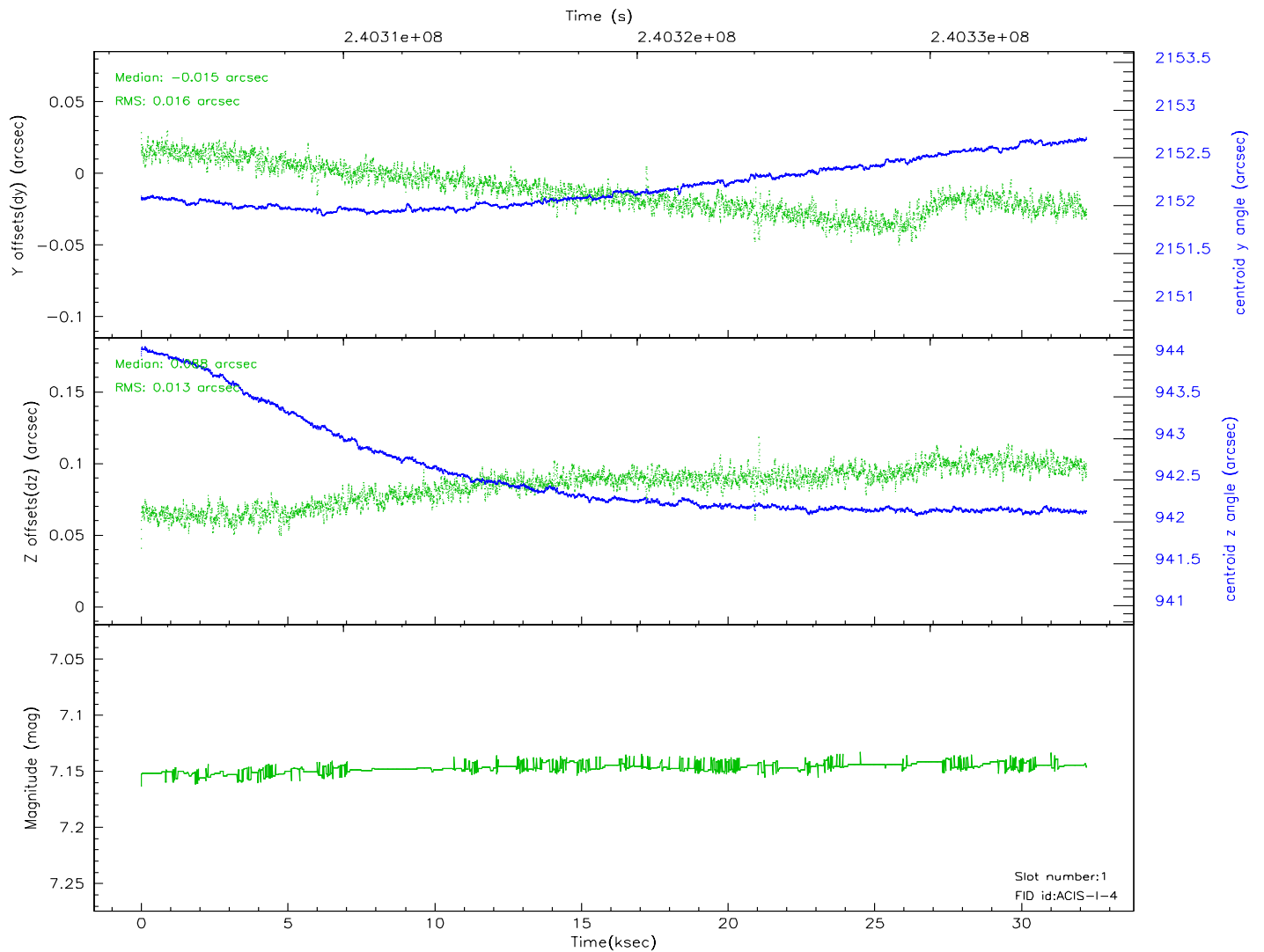
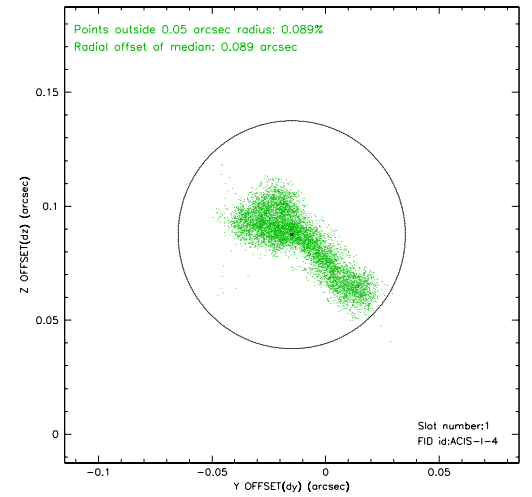
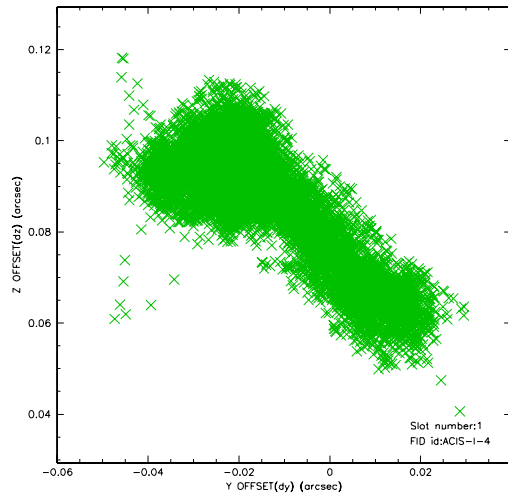


2.5 FID Slots

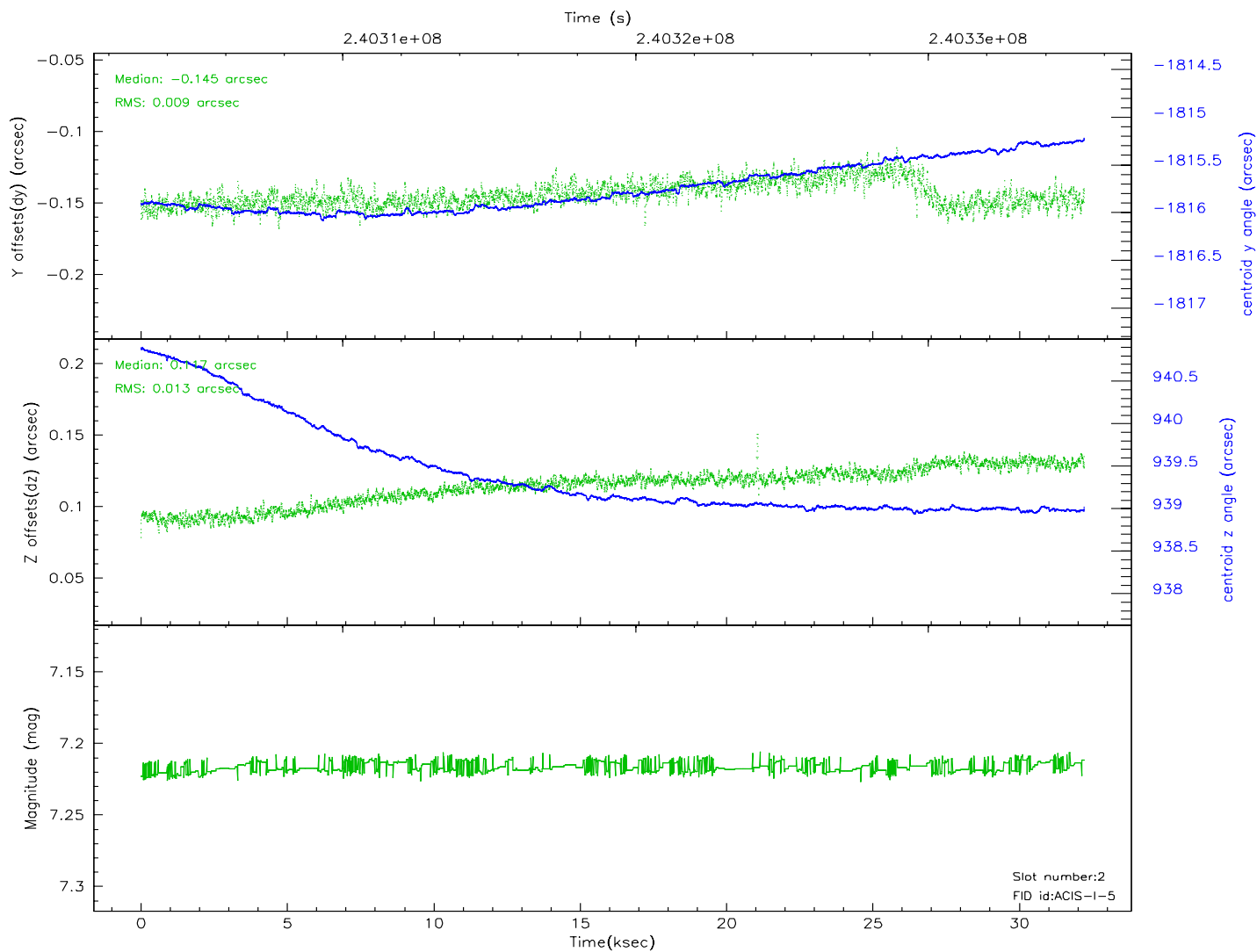
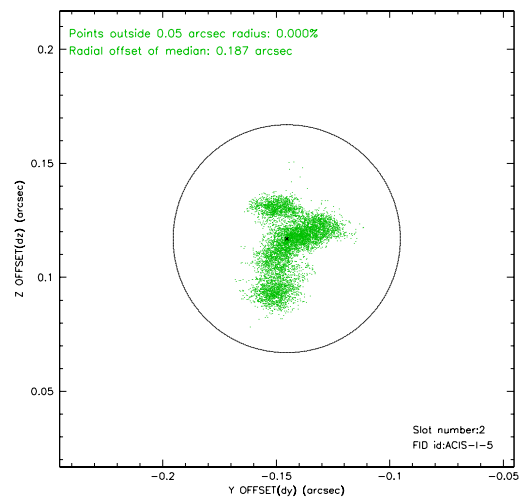
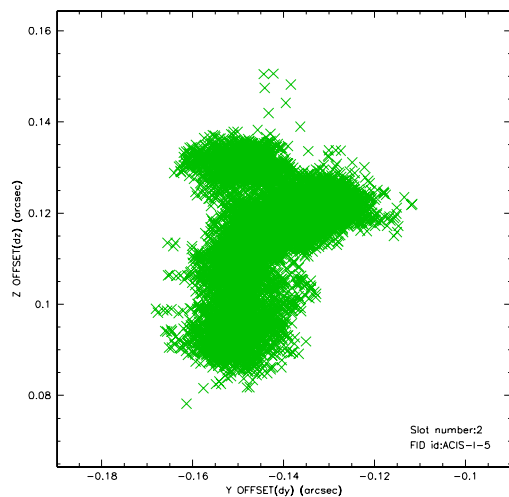
2.5.1 Slot 0



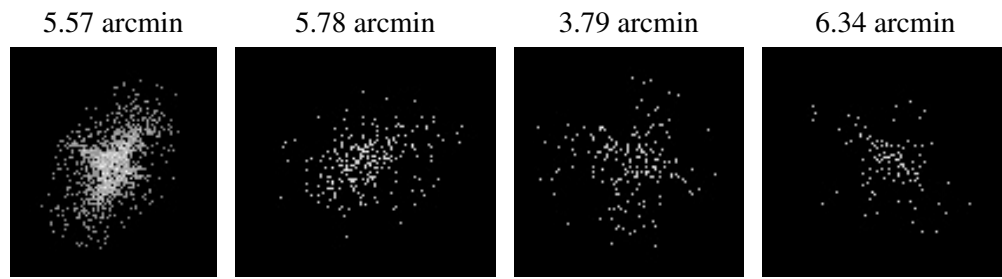
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.03.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	32.22135

A.2 Comments