

V&V Reference Report

L2 ASCDS Version : 7.6.7

Observation 5889 - L2 Version 002
Chandra X-Ray Center

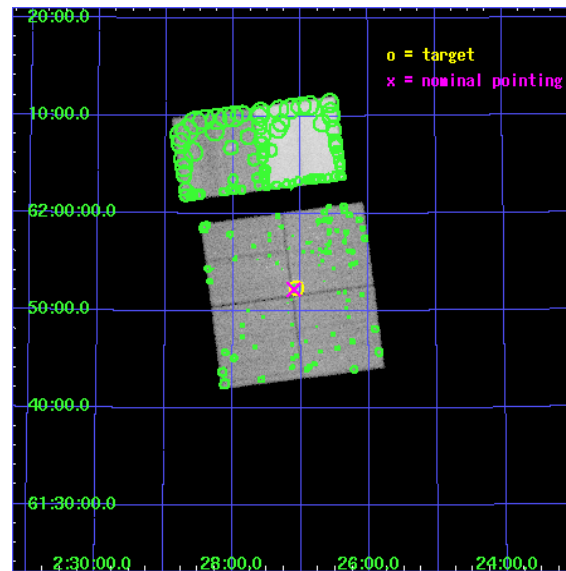
L2 Processing Date: Mar 2 2006

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1 Front

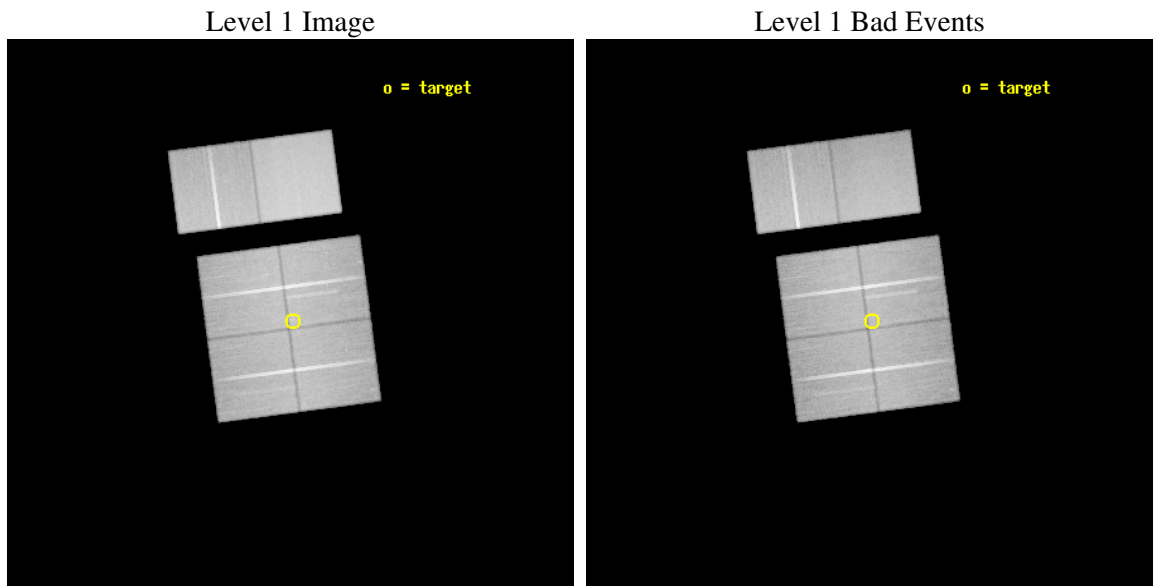
seq_num	900389
obs_id	5889
title	Massive Star Life, Death, and Rebirth in the Perseus Arm
observer	Dr. Leisa Townsley
object	W3(OH)
dtcycle	0
cycle	P
ra_targ	36.767083
dec_targ	61.872778
ra_nom	36.775544683687
dec_nom	61.870430685851
roll_nom	352.54679229833
revision	2
ontime	72156.717810601
livetime	71243.026002124
ontime0	72163.199731171
ontime1	72156.717750788
ontime2	72163.199731171
ontime3	72156.717810601
ontime6	72163.199731171
ontime7	72163.199731171
l2events	563022



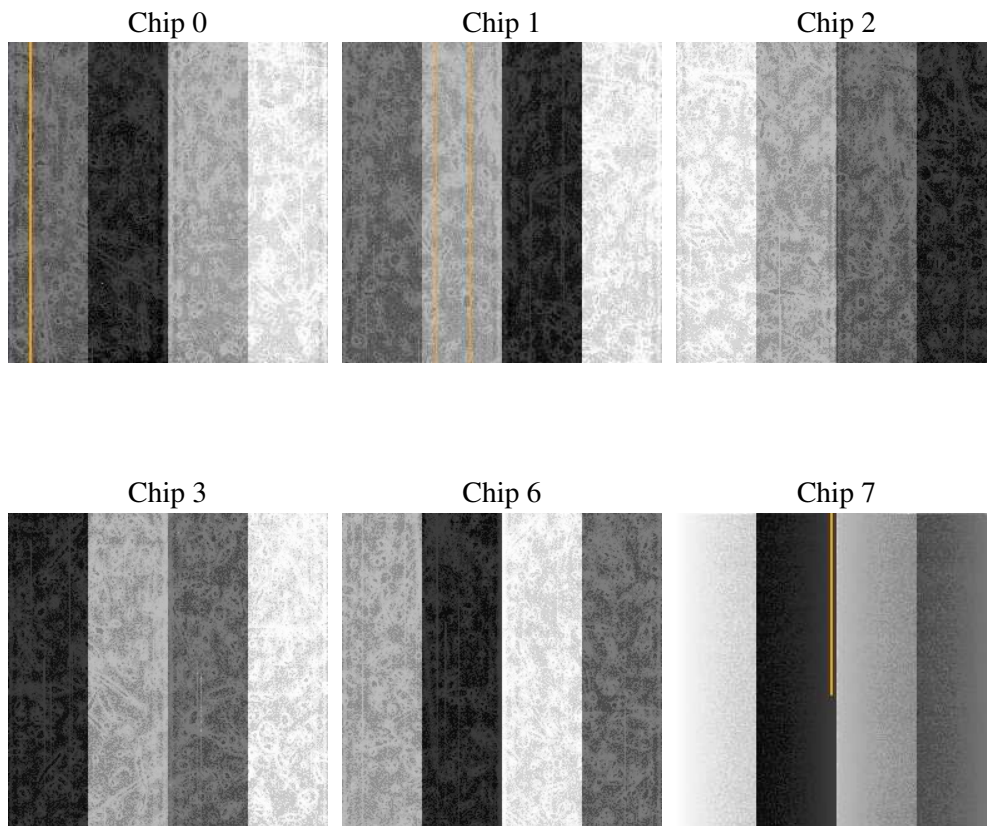
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.7
caldsver	3.2.1
date	2006-03-02T07:15:57
revision	2

sched_exp_time	72000.000000
ontime	72390.981932789
ontime0	72397.463853359
ontime1	72390.981872976
ontime2	72397.463823438
ontime3	72390.981932789
ontime6	72397.463823438
ontime7	72397.463853359
l1events	3370512

2.1.4 Events

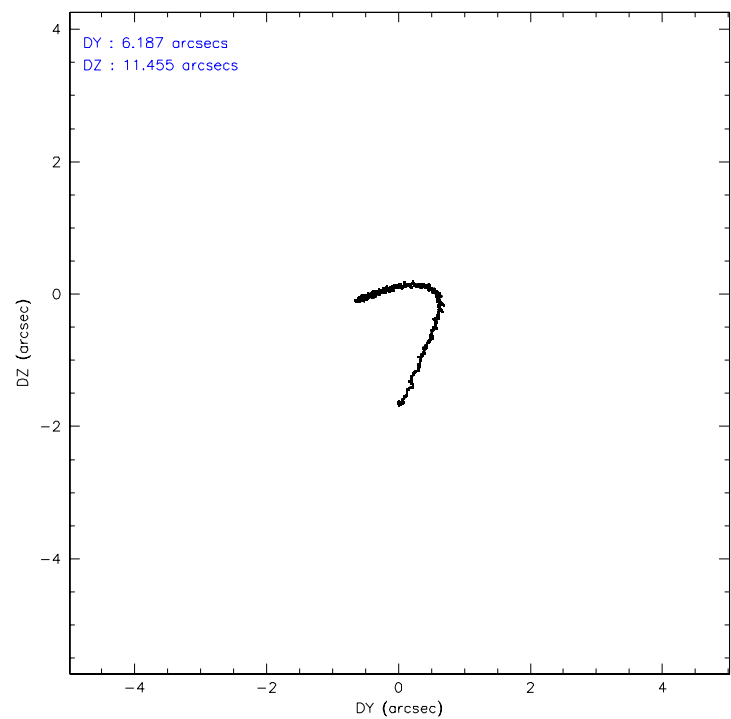
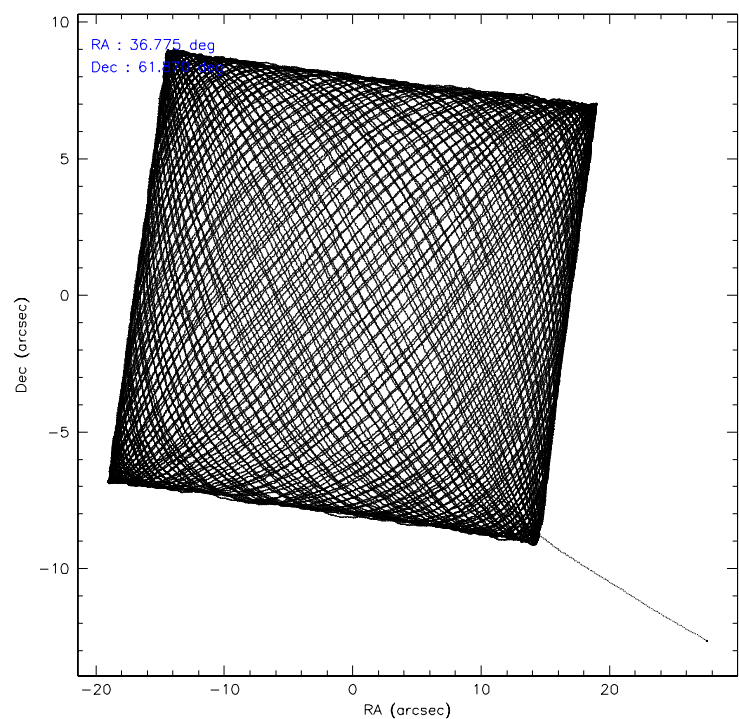
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	489047	497718	539607	536916	569192	738032
rejected events	423695	428114	474184	467217	503846	459641
rejected %	86%	86%	87%	87%	88%	62%

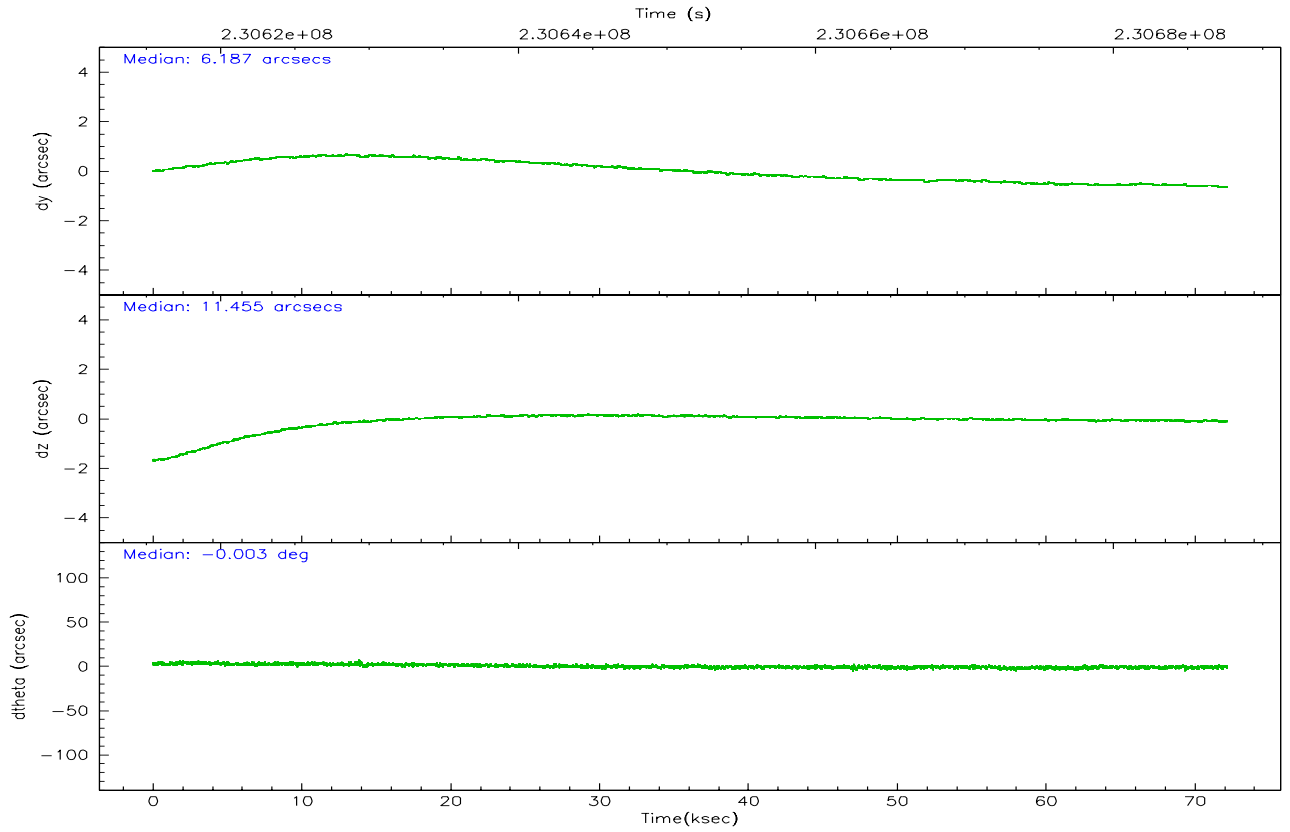
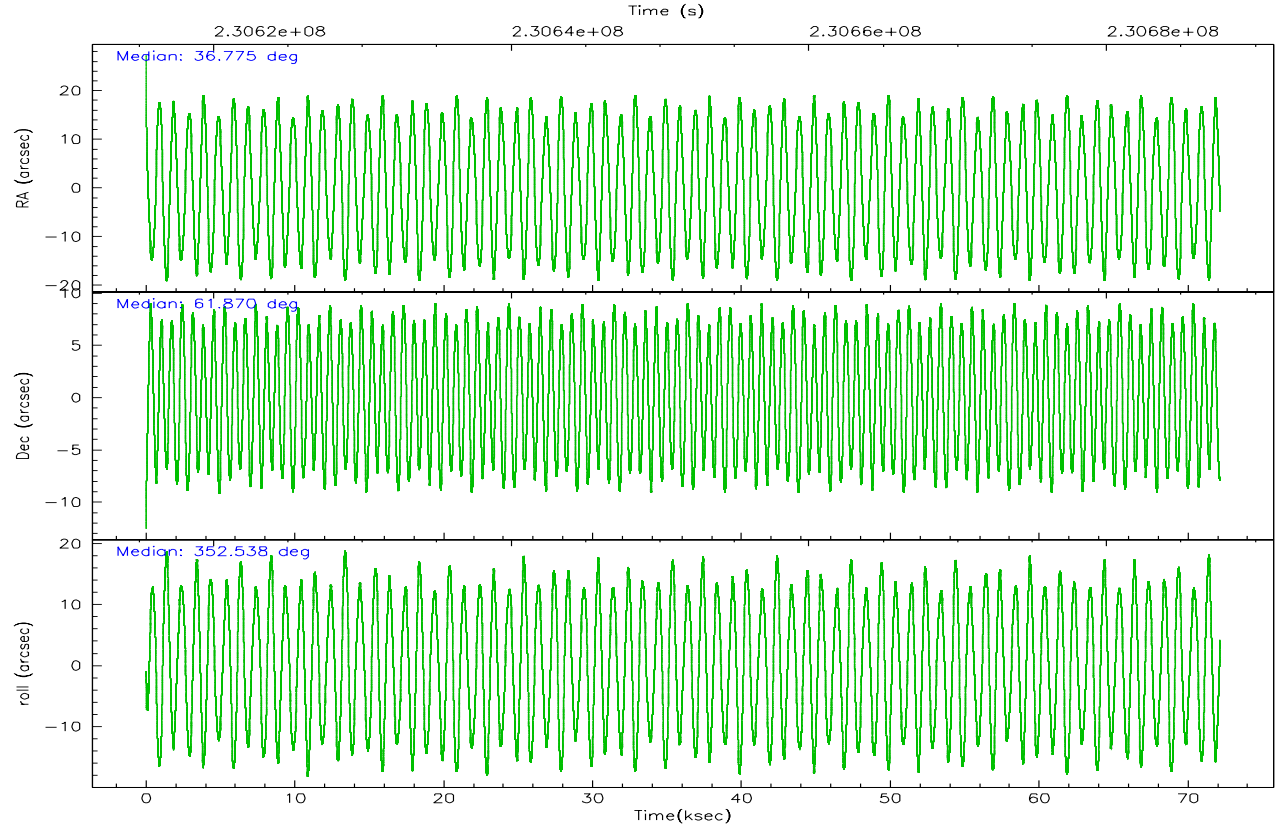
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	27722	27635	29715	32445	25597	14522
	5%	5%	5%	6%	4%	1%
grade 1 events	273	278	311	352	265	440
	0%	0%	0%	0%	0%	0%
grade 2 events	14208	15288	13407	13121	13906	69792
	2%	3%	2%	2%	2%	9%
grade 3 events	6408	6672	6059	6531	6249	13546
	1%	1%	1%	1%	1%	1%
grade 4 events	5939	6652	6027	6511	6203	13202
	1%	1%	1%	1%	1%	1%
grade 5 events	22127	23127	21605	24956	25957	48327
	4%	4%	4%	4%	4%	6%
grade 6 events	11317	13567	10453	11305	13603	168236
	2%	2%	1%	2%	2%	22%
grade 7 events	401053	404499	452030	441695	477412	409967
	82%	81%	83%	82%	83%	55%

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	VFAINT	VFAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	36.722032	36.77554468368722	Alternating exposures requested	N	N
Pointing Dec	61.859827	61.87043068585134	Primary exposure time	0.000000	3.2
Pointing Roll	352.385287	352.546792298331			
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-233.592463	-233.5874344608287			
SIM translation stage offset (mm)	0	-0.005018542100998502			
Observation start time	230615635.184000	230614458.66324			
Observation start date	2005-04-23T03:52:51	2005-04-23T03:34:18			
Observation end time	230687635.184000	230688665.59162			
Observation end date	2005-04-23T23:52:51	2005-04-24T00:11:05			
Read mode	TIMED	TIMED			

2.3 Aspect



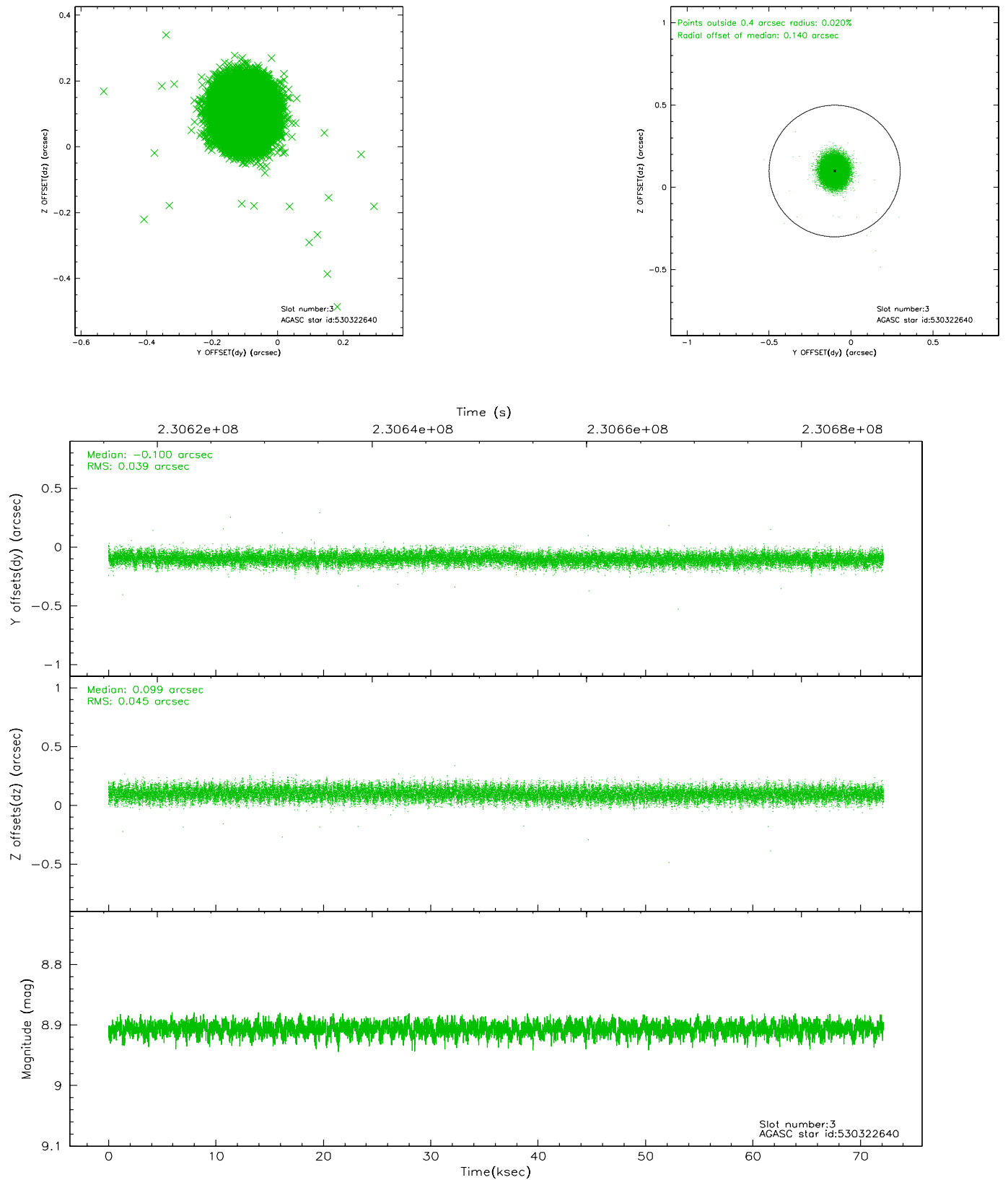


Slot Statistics

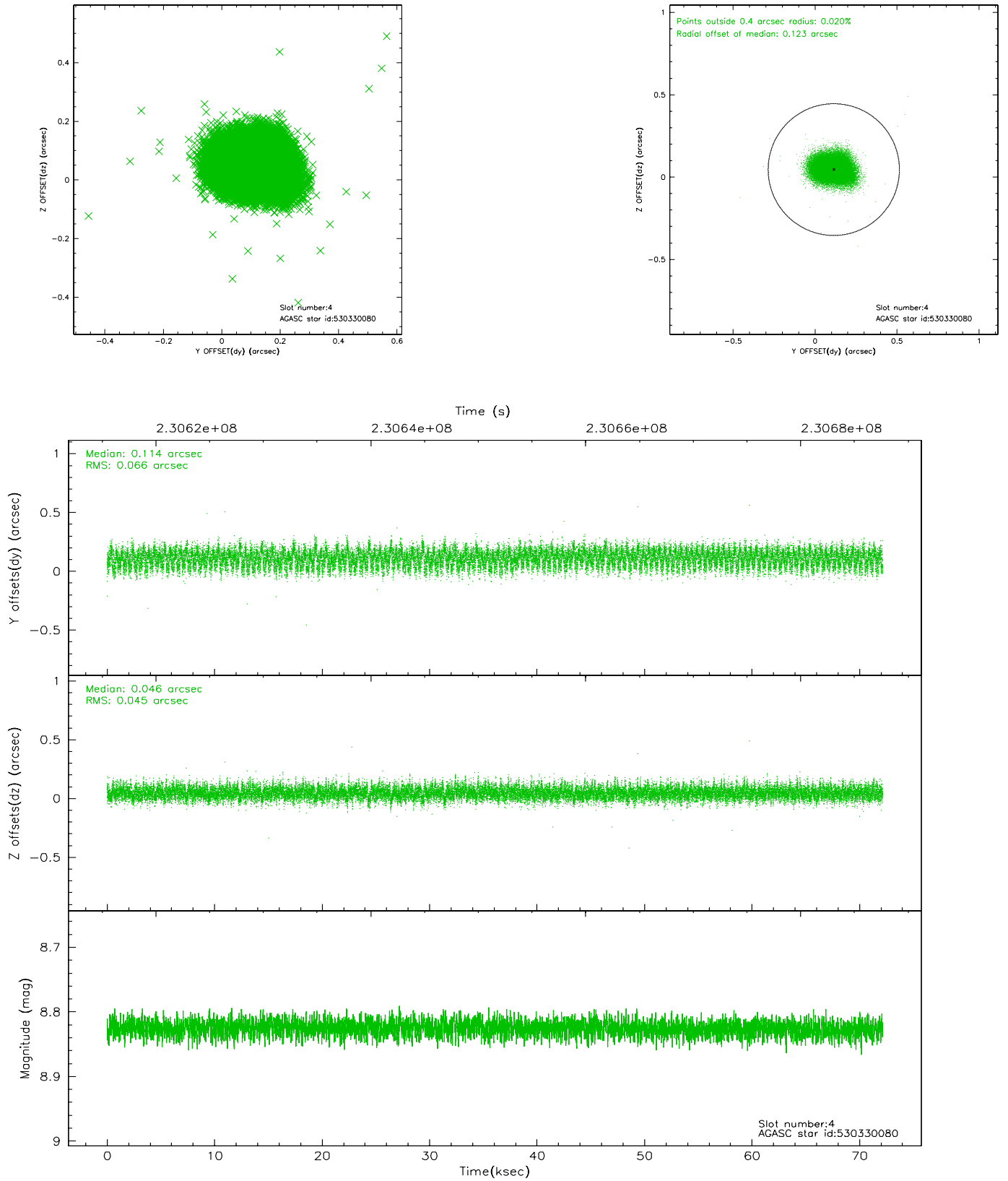
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	17601	-0.042	0.001	0.014	0.058	0.000000	0.000000	933.48	-834.82
1	FID	ACIS-I-2	7.15	17601	-0.101	-0.022	0.011	0.028	0.000000	0.000000	-760.70	-841.28
2	FID	ACIS-I-4	7.17	17602	0.043	0.088	0.010	0.044	0.000000	0.000000	2153.46	1065.10
3	GUIDE	530322640	8.91	35188	-0.100	0.099	0.063	0.102	35.878914	61.773652	-1382.59	-488.58
4	GUIDE	530330080	8.83	35187	0.114	0.046	0.085	0.137	37.987862	61.612207	2262.97	-575.08
5	GUIDE	530331872	8.29	35195	0.025	-0.062	0.069	0.111	37.713971	61.177762	2030.62	-2192.34
6	GUIDE	530852736	7.84	35149	-0.064	-0.025	0.062	0.103	37.086329	62.219010	435.12	1364.87
7	GUIDE	530862272	8.85	35193	0.020	-0.058	0.085	0.136	36.216069	62.475924	-1128.73	2090.40

2.4 Star Slots

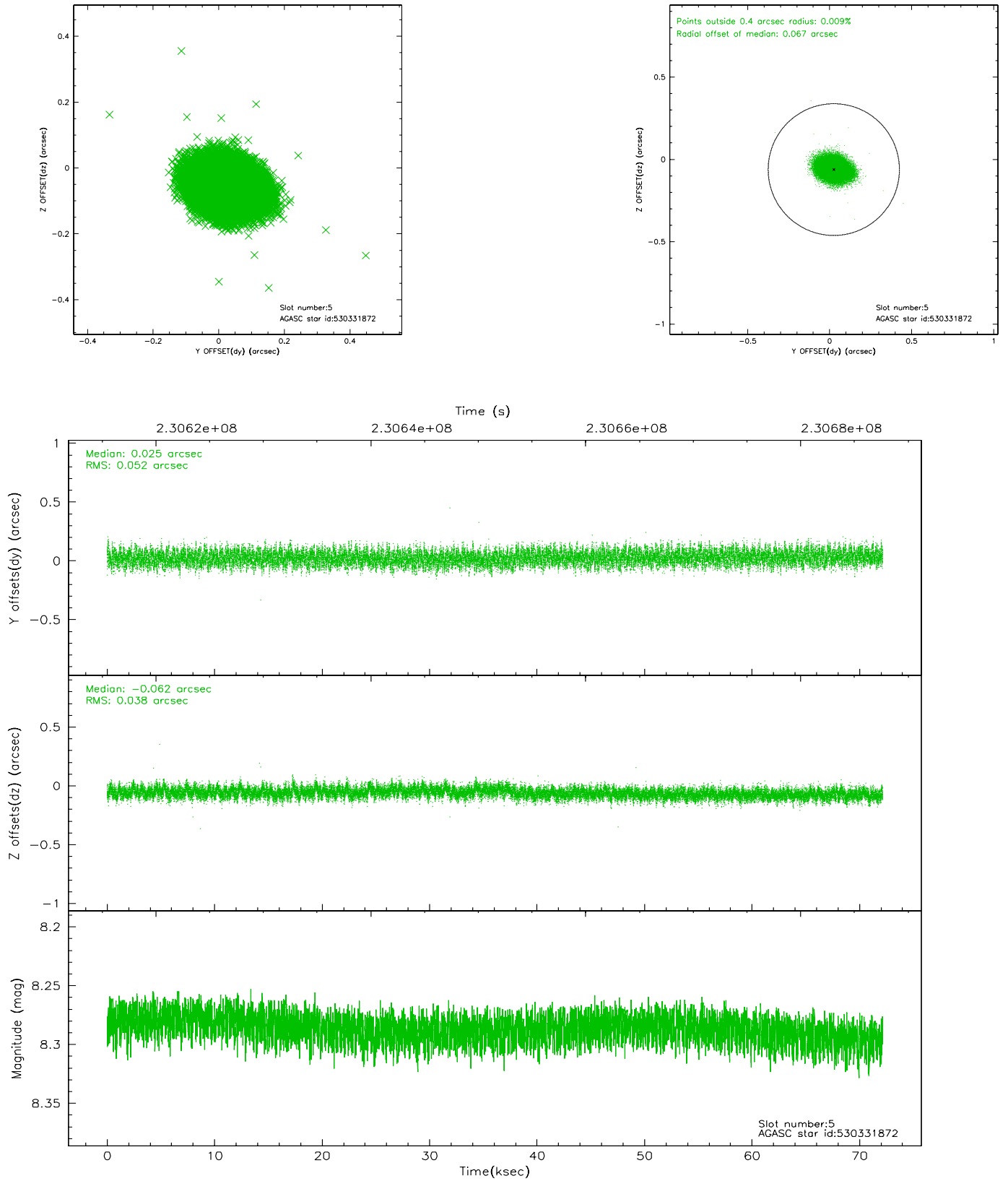
2.4.1 Slot 3



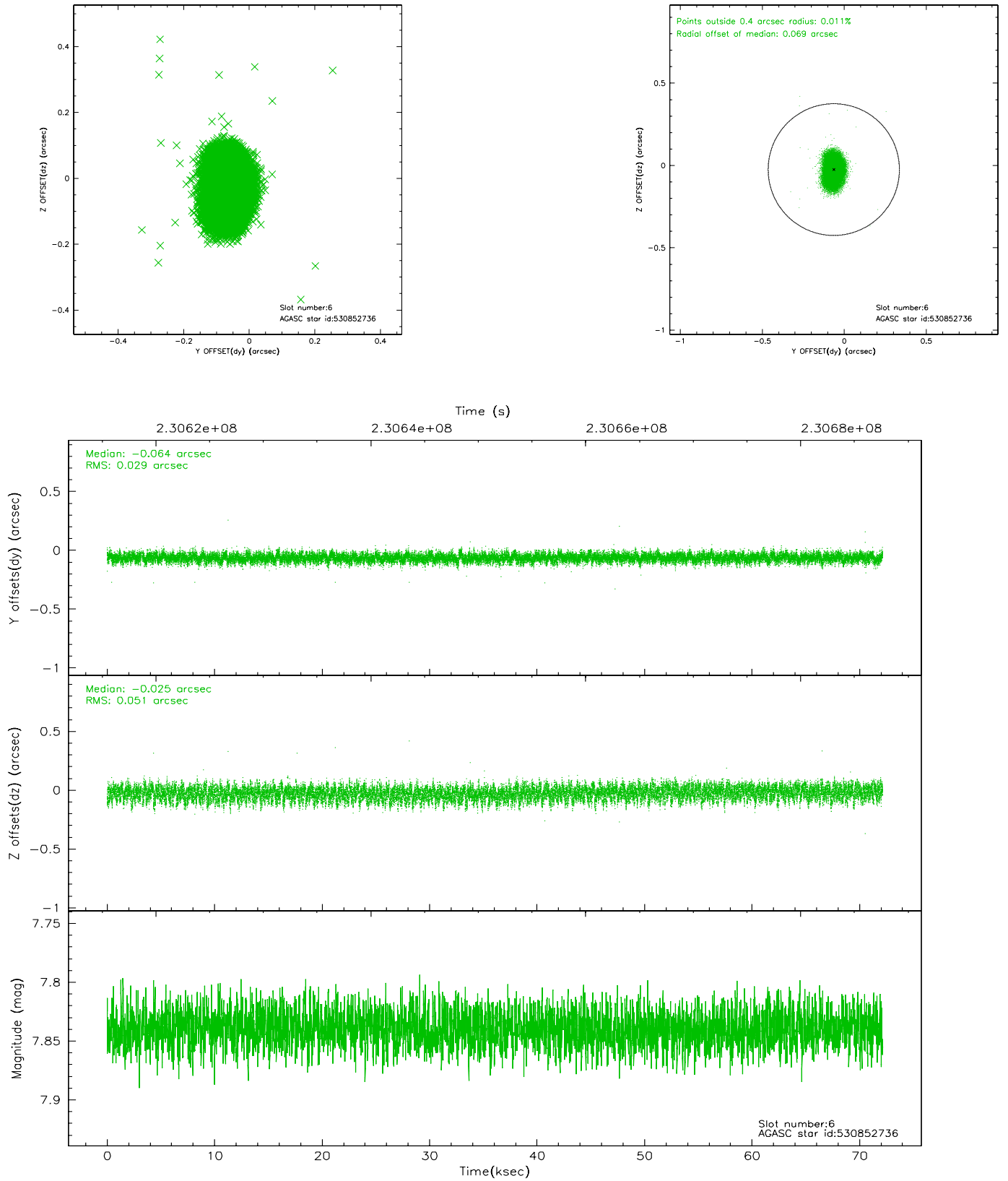
2.4.2 Slot 4



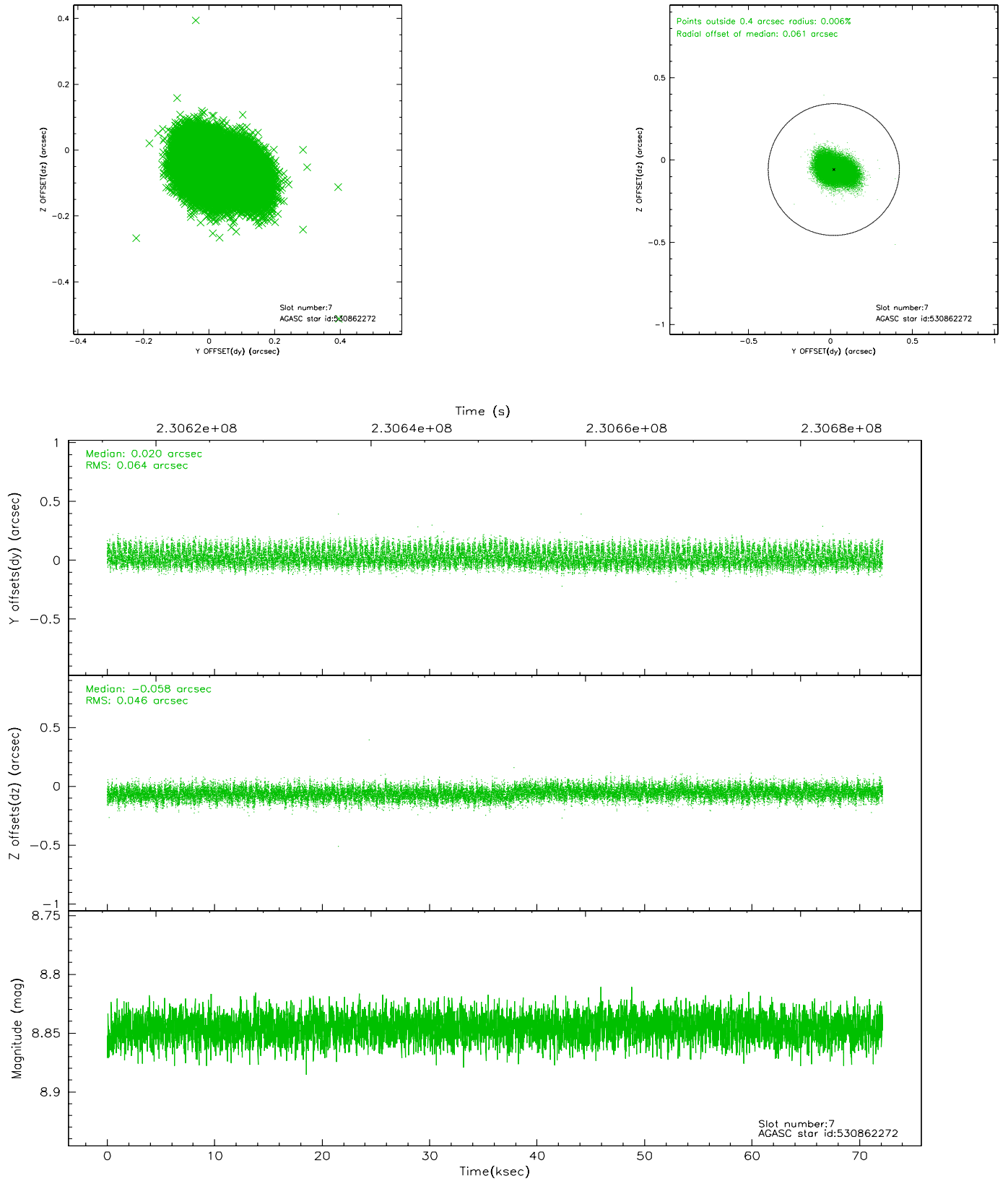
2.4.3 Slot 5



2.4.4 Slot 6

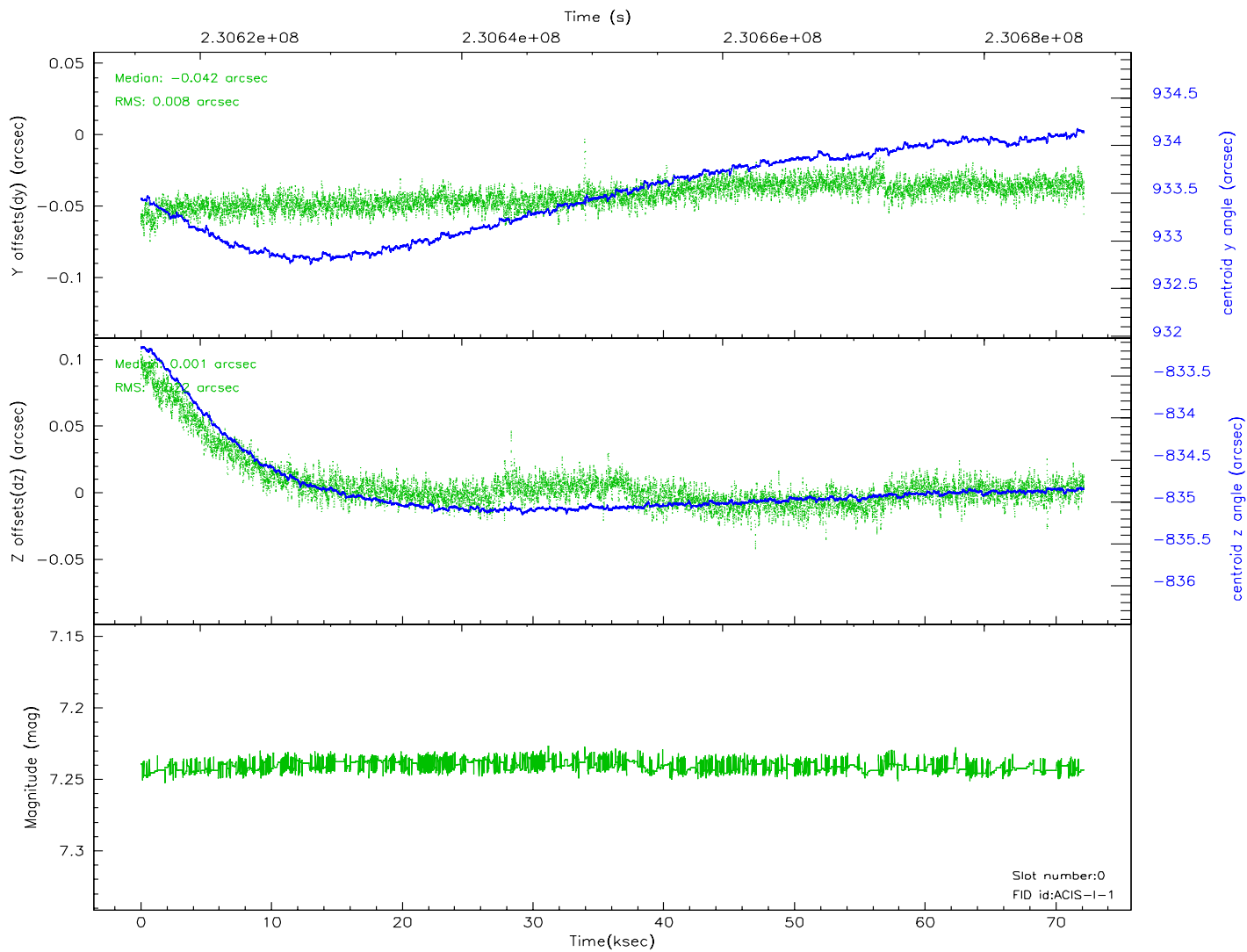
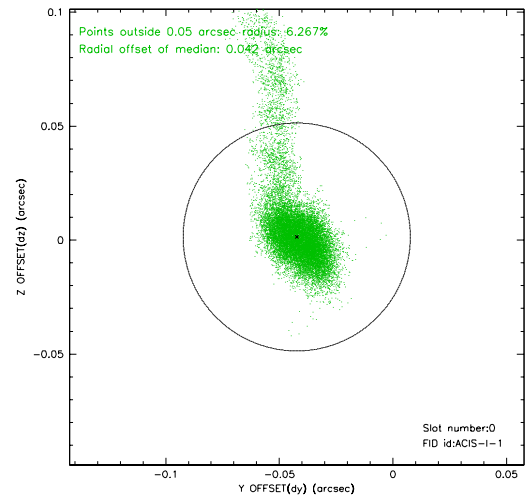
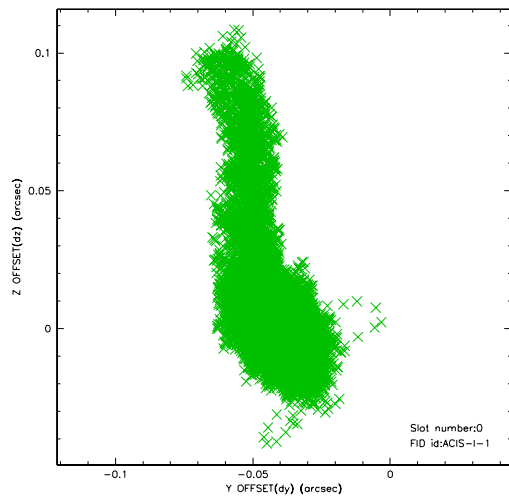


2.4.5 Slot 7

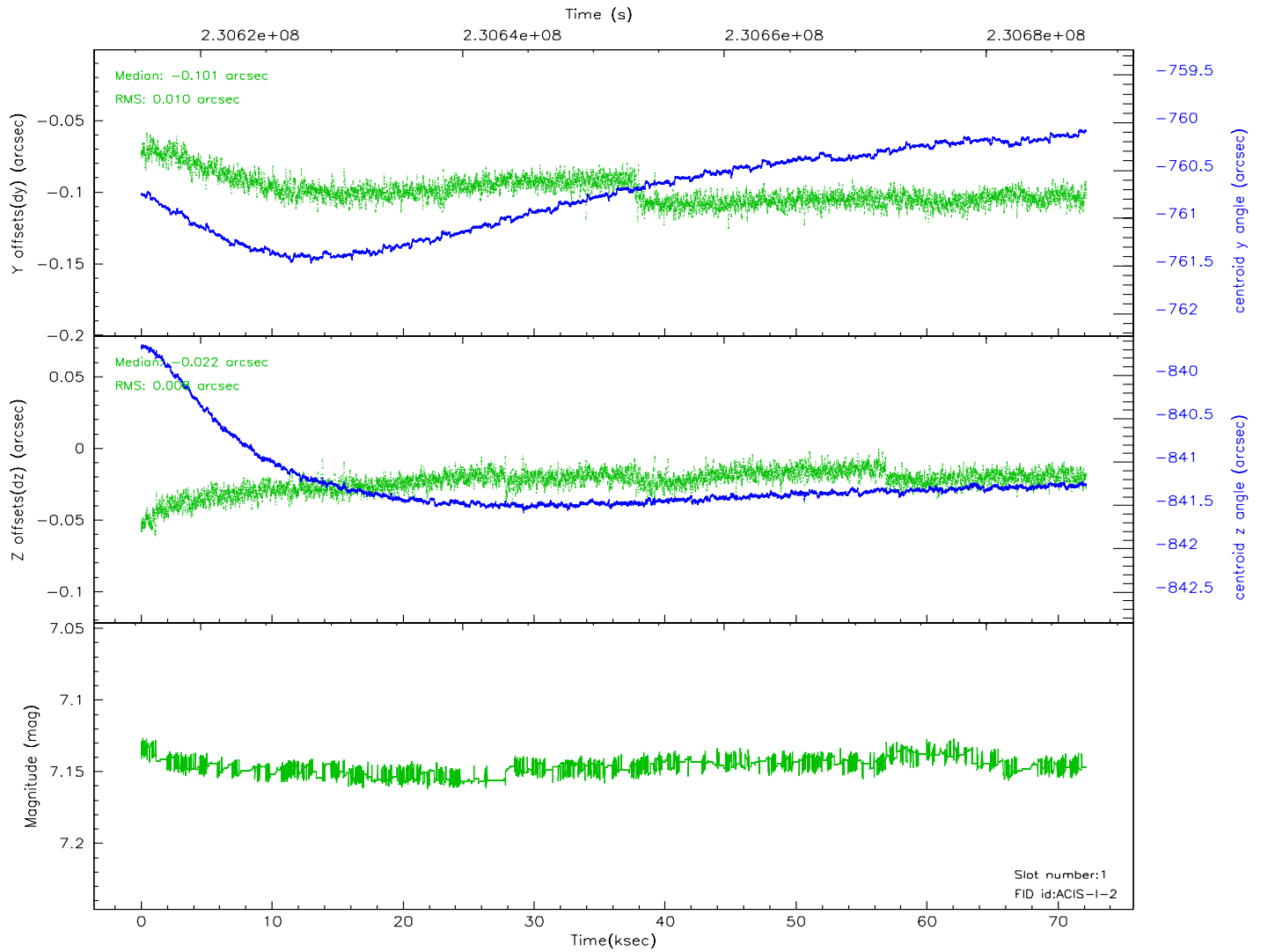
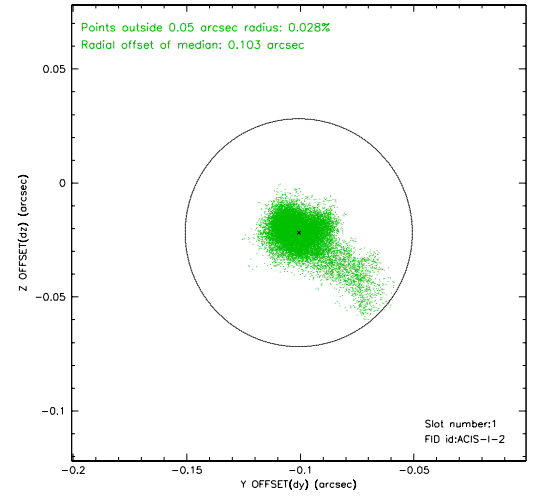
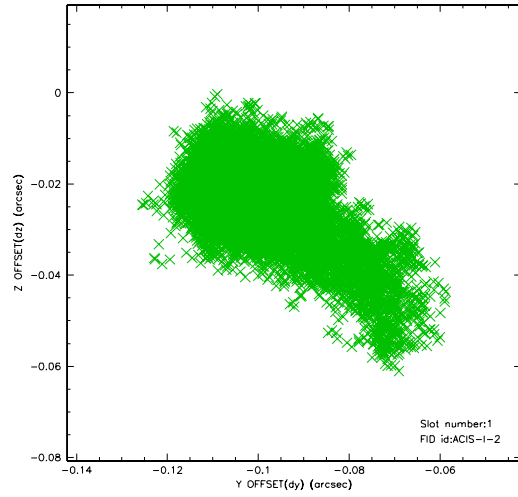


2.5 FID Slots

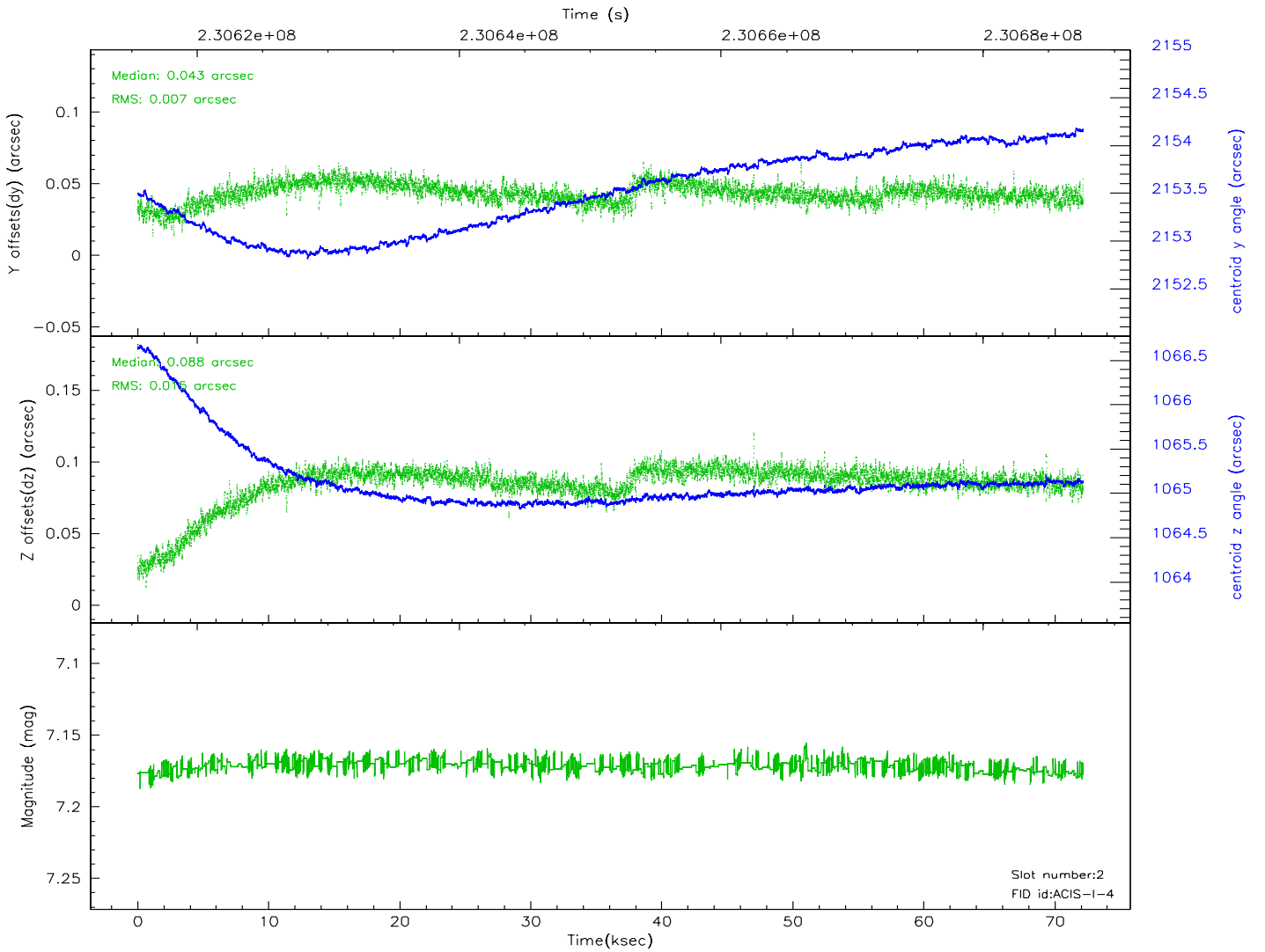
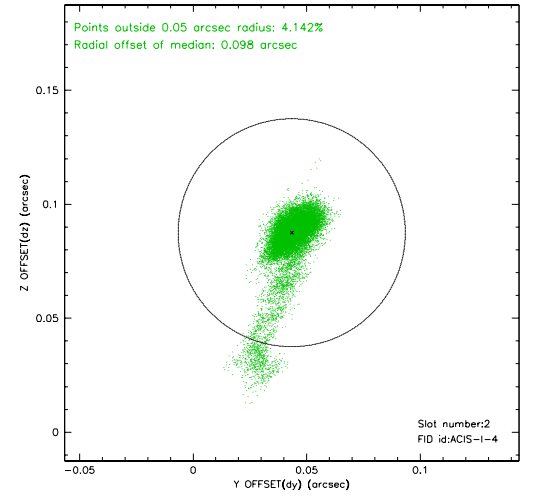
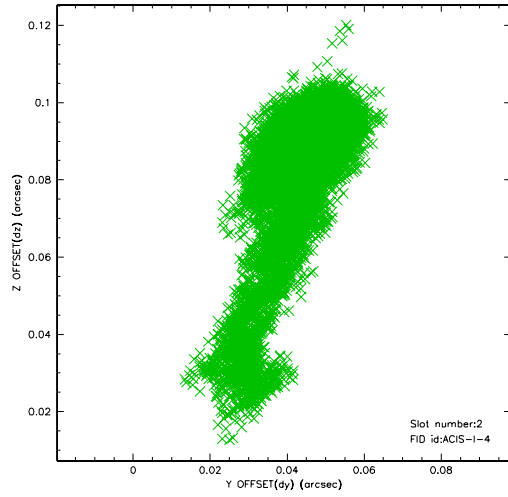
2.5.1 Slot 0



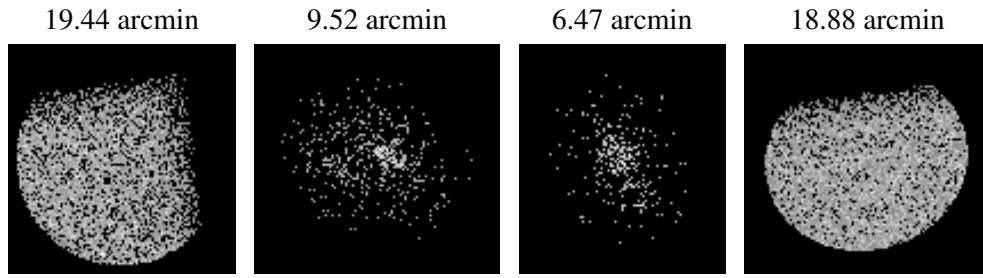
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.03.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	72.15671

A.2 Comments