

# V&V Reference Report

## L2 ASCDS Version : 7.6.7.1

Observation 5799 - L2 Version 002  
Chandra X-Ray Center

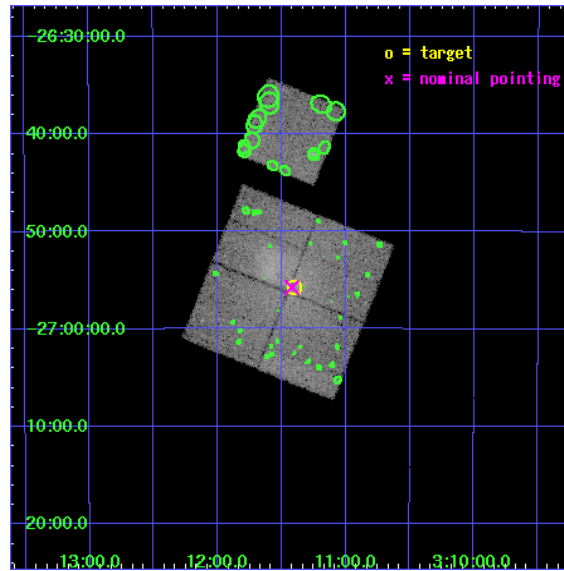
L2 Processing Date : Apr 2 2006

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# 1 Front

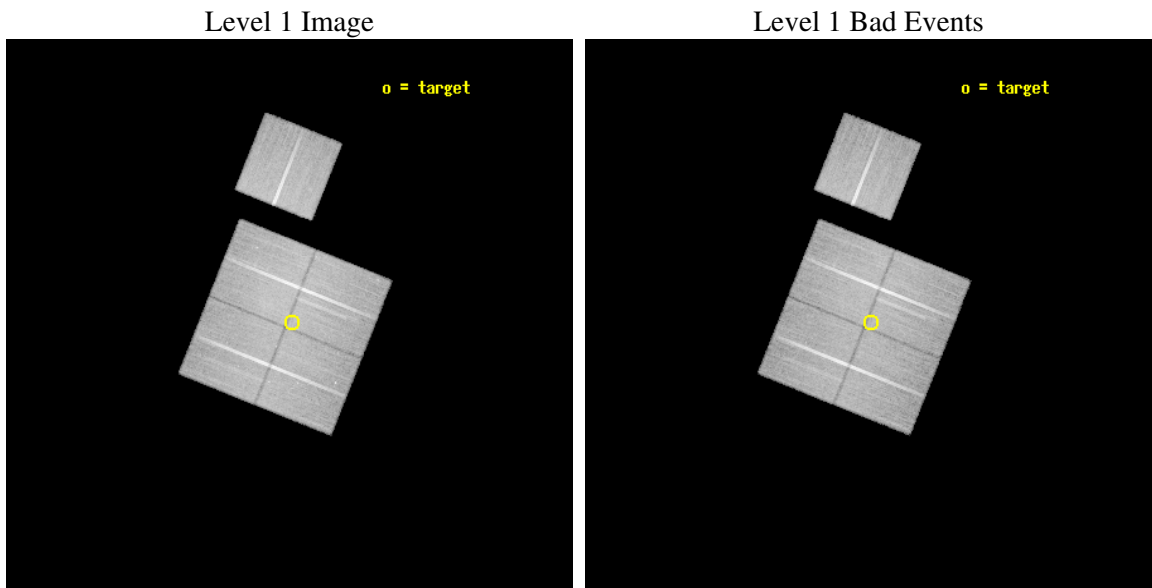
seq_num	800512
obs_id	5799
title	X-ray Properties of a Mass-Selected Group Catalog
observer	Dr Pasquale Mazzotta
object	2PIGGz0.068 J0311.8-2655
dtcycle	0
cycle	P
ra_targ	47.85
dec_targ	-26.929167
ra_nom	47.855178613343
dec_nom	-26.929252458535
roll_nom	21.858587561092
revision	2
ontime	40147.894941568
livetime	39623.333137707
ontime0	40157.317942291
ontime1	40157.317902476
ontime2	40154.176932096
ontime3	40147.894941568
ontime6	40157.317932278
l2events	129463



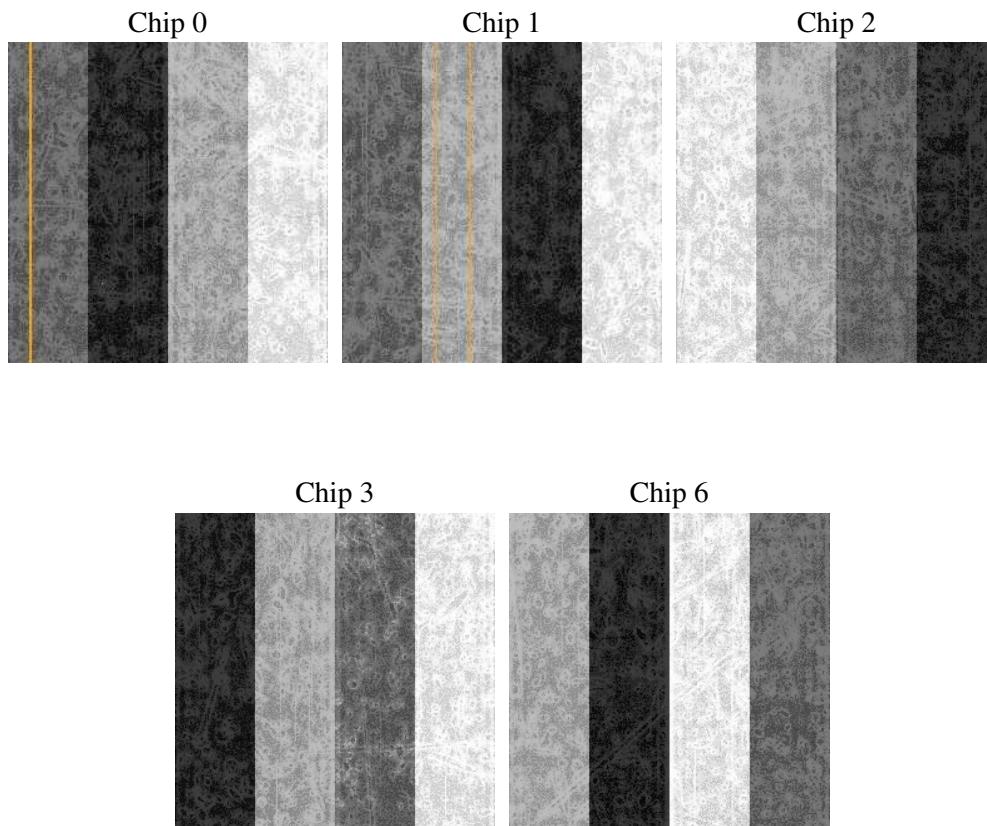
## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias



### 2.1.3 Parameters

obi_num	1
ascdsver	7.6.7.1
caldbver	3.2.1
date	2006-04-02T21:11:13
revision	2

sched_exp_time	40000.000000
ontime	40468.852215052
ontime0	40478.275215775
ontime1	40478.275175959
ontime2	40475.13420558
ontime3	40468.852215052
ontime6	40478.275205761
l1events	1341819

### 2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	256536	253692	292385	271883	267323
rejected events	227432	220753	256932	243128	240800
rejected %	88%	87%	87%	89%	90%

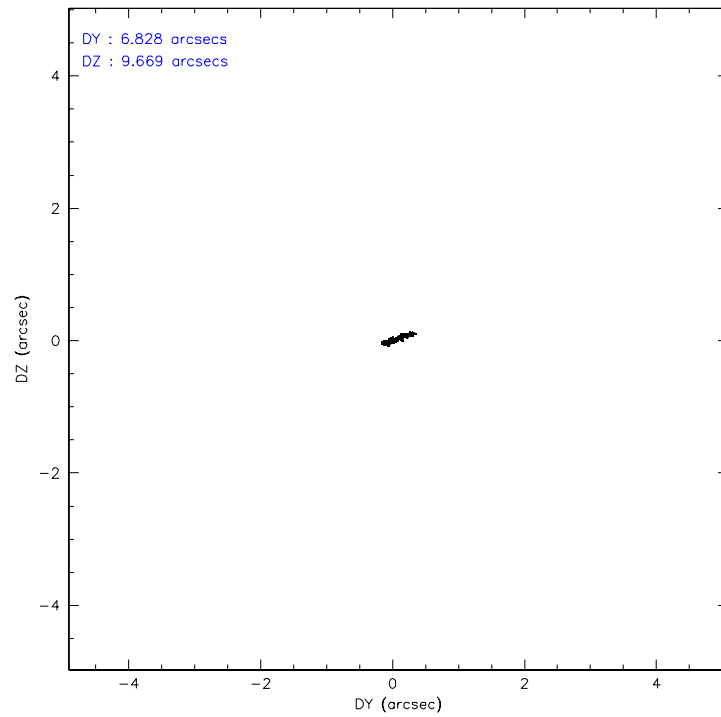
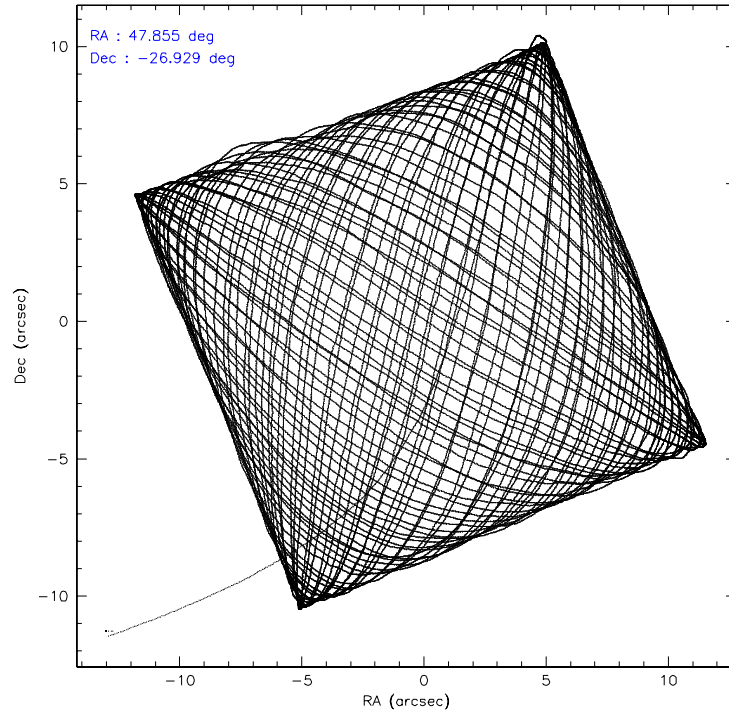
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	11679	13598	17686	12116	9153
	4%	5%	6%	4%	3%
grade 1 events	147	122	181	146	119
	0%	0%	0%	0%	0%
grade 2 events	6609	6867	6991	5828	5689
	2%	2%	2%	2%	2%
grade 3 events	3221	3437	3060	2961	3074
	1%	1%	1%	1%	1%
grade 4 events	2829	3333	3164	3023	2970
	1%	1%	1%	1%	1%
grade 5 events	9226	10165	8615	10704	10582
	3%	4%	2%	3%	3%
grade 6 events	4998	5989	4816	5056	5835
	1%	2%	1%	1%	2%
grade 7 events	217827	210181	247872	232049	229901
	84%	82%	84%	85%	86%

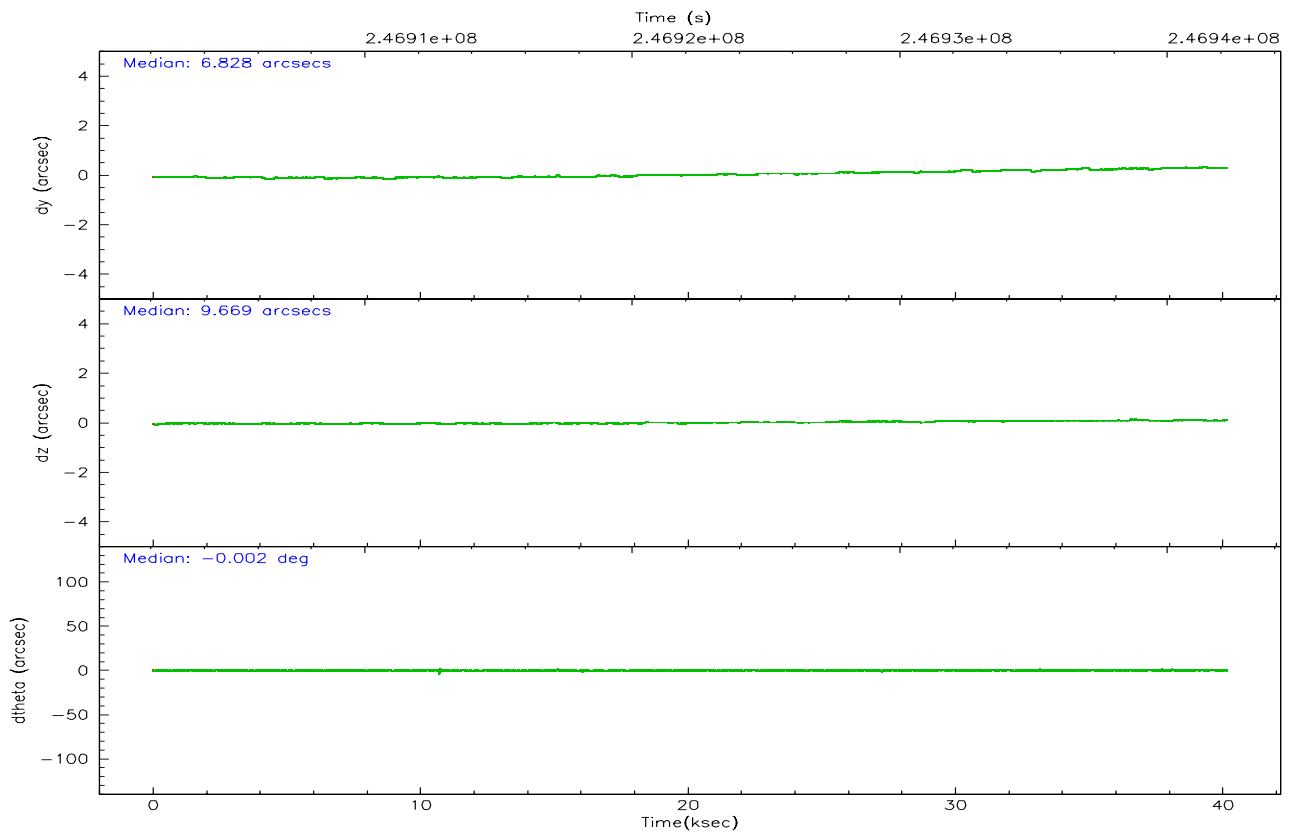
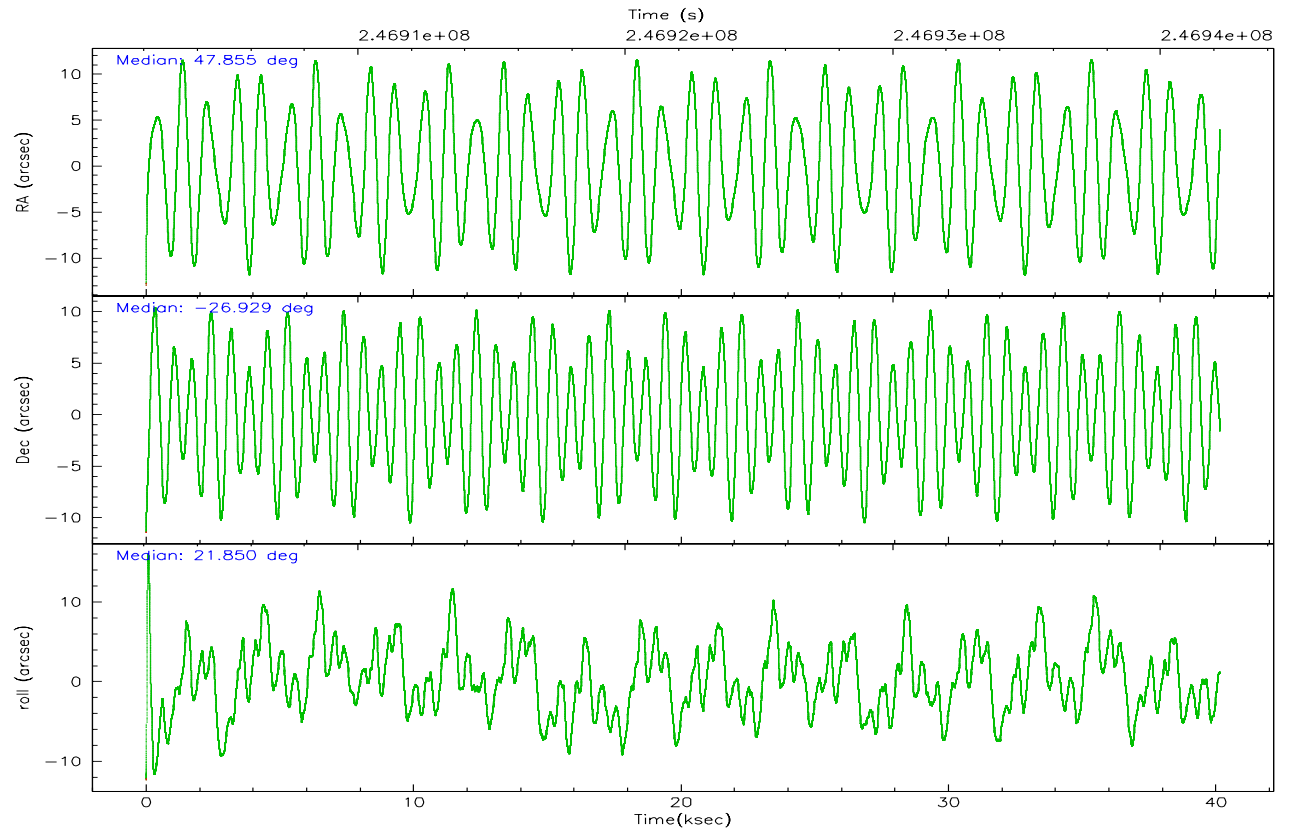


## 2.2 Compared Parameters

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	47.836327	47.85517861334296	Alternating exposures requested	N	N
Pointing Dec	-26.950856	-26.92925245853472	Primary exposure time	0.000000	3.1
Pointing Roll	21.641370	21.85858756109185			
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	246902243.184000	246901099.53401			
Observation start date	2005-10-28T15:56:19	2005-10-28T15:38:19			
Observation end time	246942243.184000	246943766.69848			
Observation end date	2005-10-29T03:02:59	2005-10-29T03:29:26			
Read mode	TIMED	TIMED			

## 2.3 Aspect



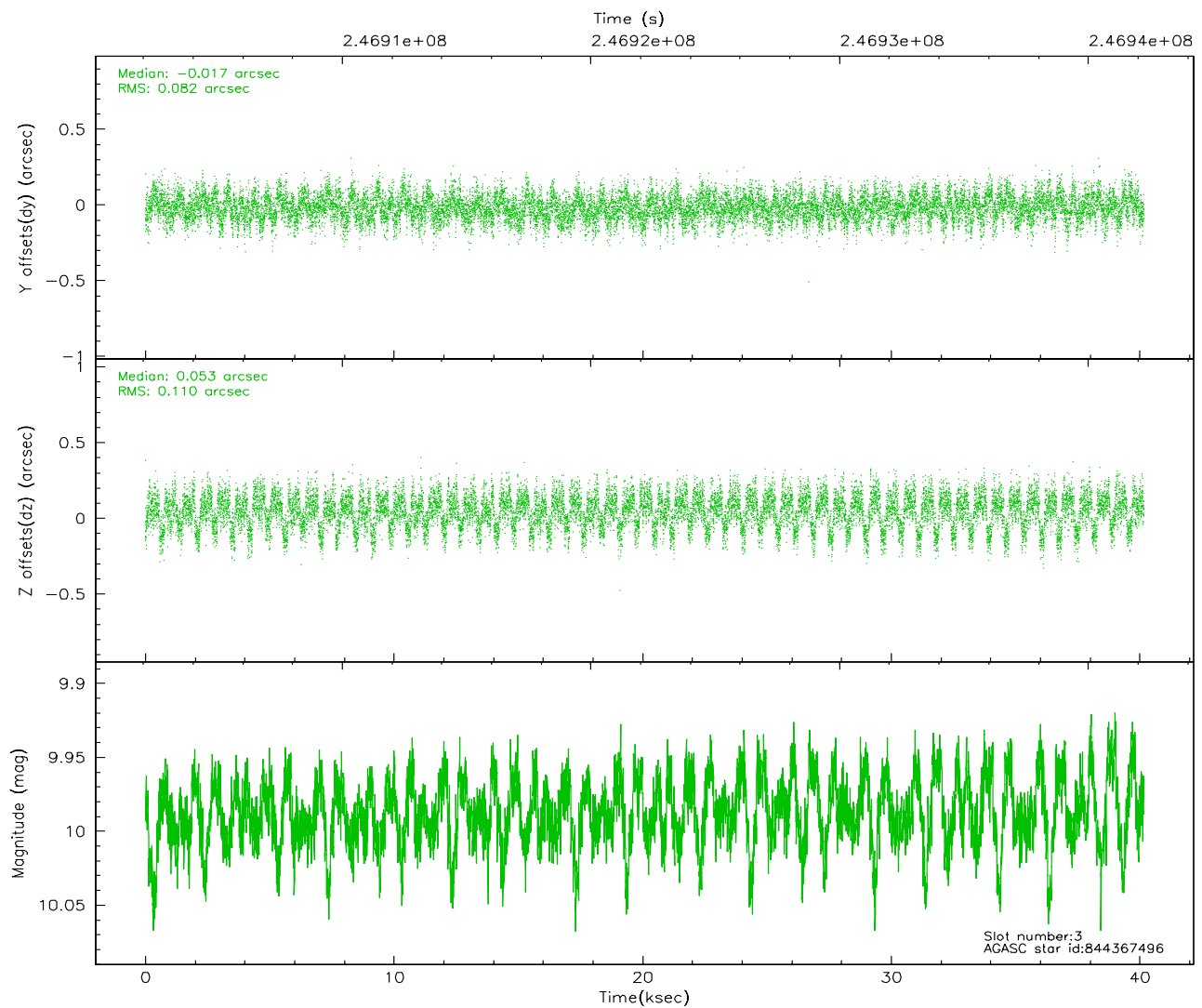
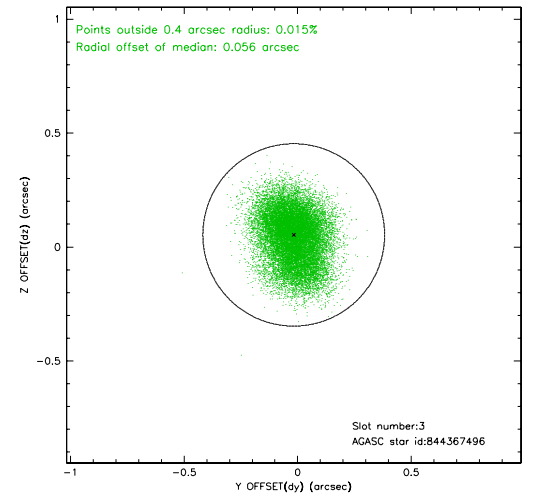
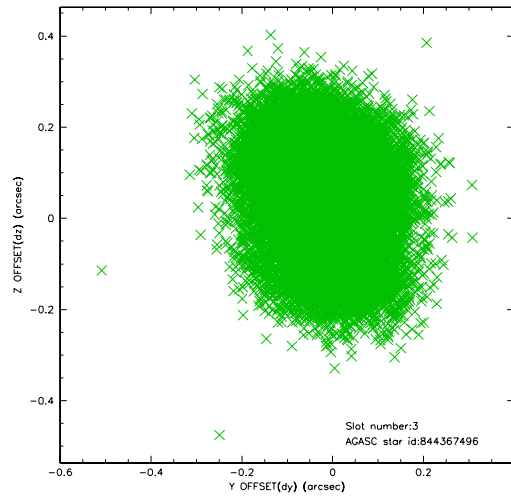


### Slot Statistics

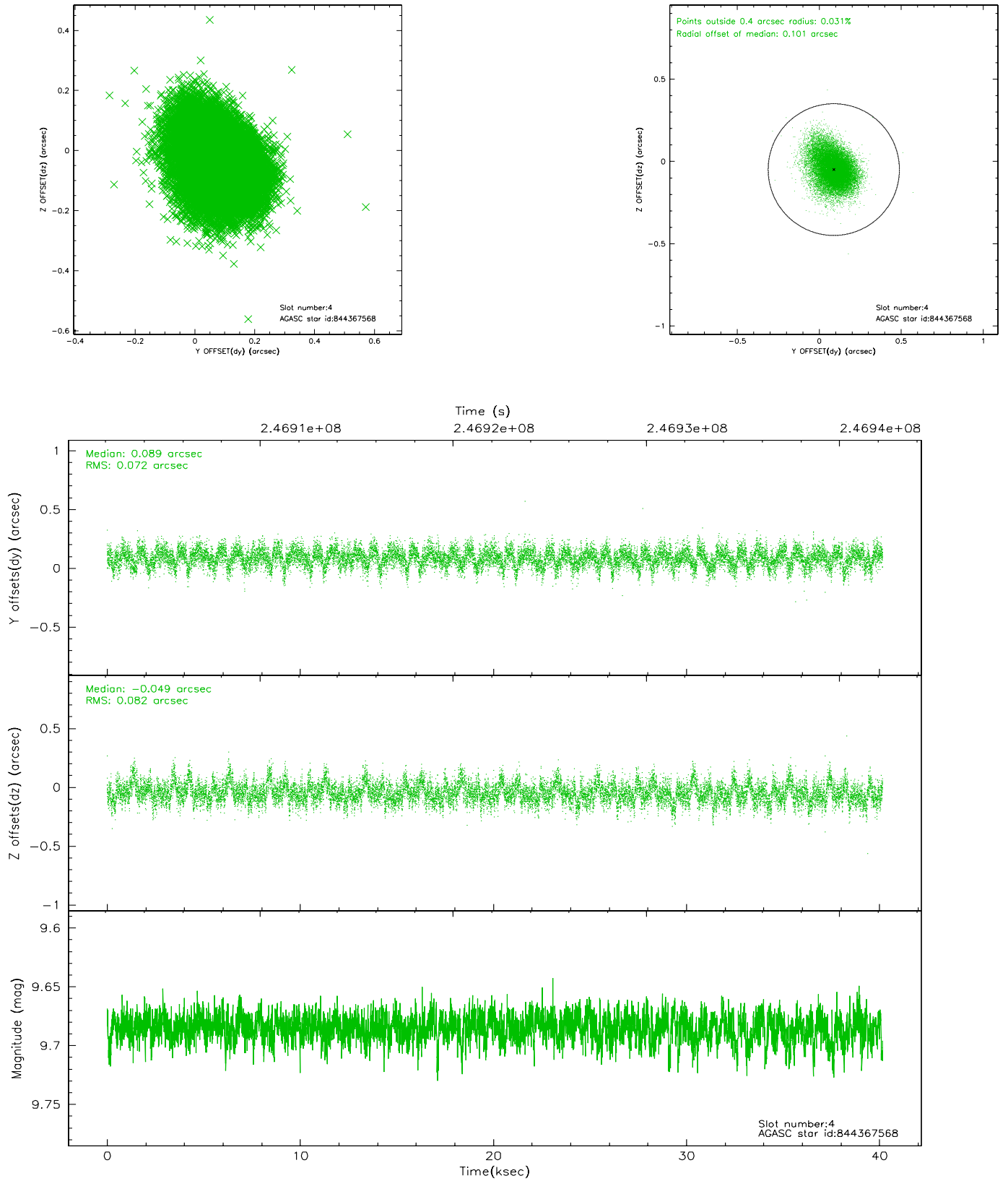
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	9797	-0.013	0.043	0.011	0.017	0.000000	0.000000	932.81	-833.10
1	FID	ACIS-I-5	7.23	9795	-0.129	0.020	0.011	0.017	0.000000	0.000000	-1815.42	1064.34
2	FID	ACIS-I-6	7.26	9797	0.050	0.007	0.009	0.014	0.000000	0.000000	398.39	1708.86
3	GUIDE	844367496	9.99	19570	-0.017	0.053	0.148	0.237	48.457244	-27.056190	1708.46	-1091.44
4	GUIDE	844367568	9.69	19569	0.089	-0.049	0.114	0.193	48.140300	-26.953489	903.22	-369.66
5	GUIDE	844374376	10.33	19445	-0.026	-0.012	0.194	0.317	48.127669	-26.234520	1825.21	2049.29
6	GUIDE	844762088	9.92	19580	-0.025	-0.004	0.140	0.221	47.754474	-27.567808	-1060.97	-1968.18
7	GUIDE	844762352	9.11	19584	-0.017	0.006	0.110	0.175	48.021704	-27.578048	-282.47	-2317.58

## 2.4 Star Slots

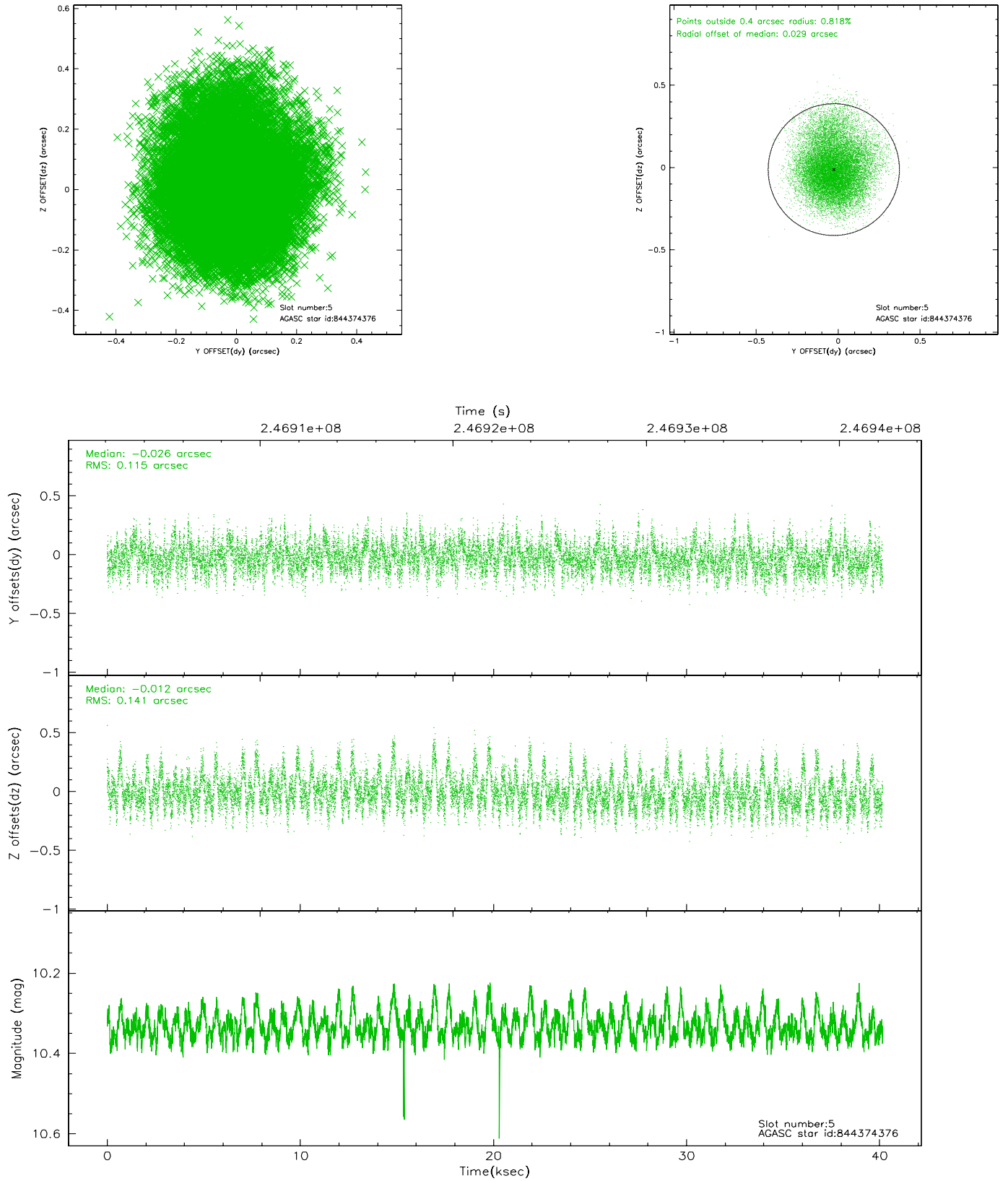
### 2.4.1 Slot 3



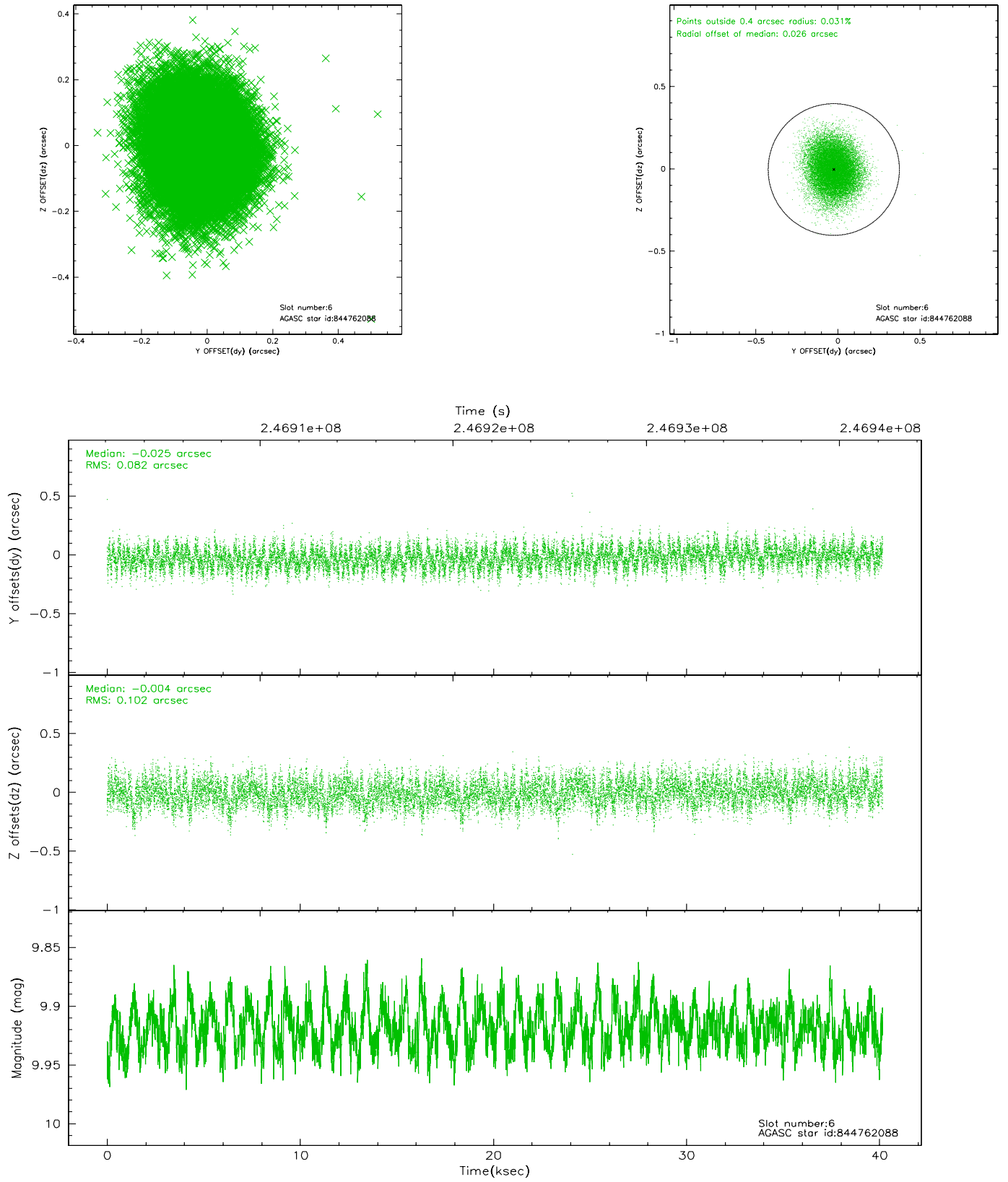
## 2.4.2 Slot 4



### 2.4.3 Slot 5

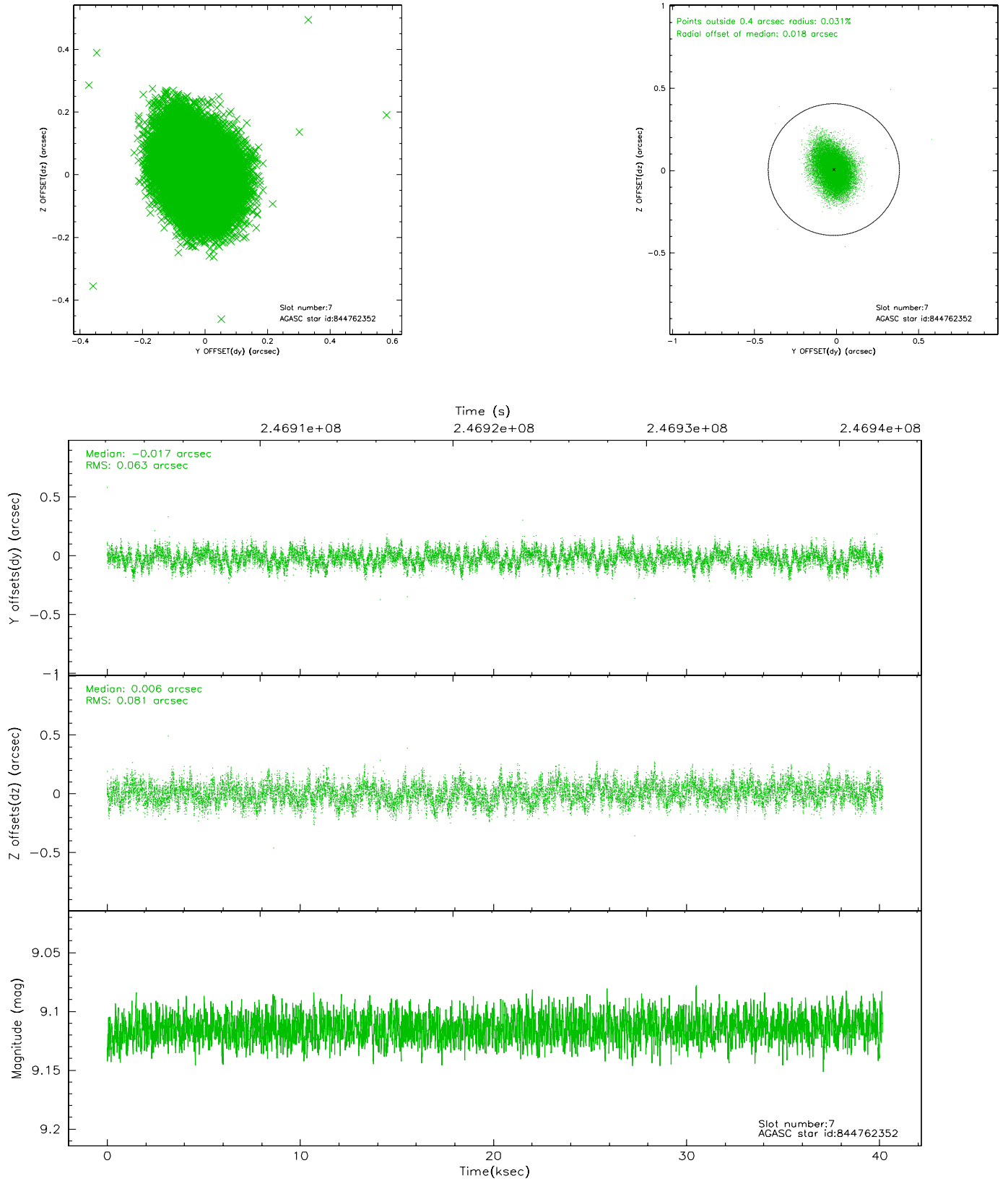


## 2.4.4 Slot 6



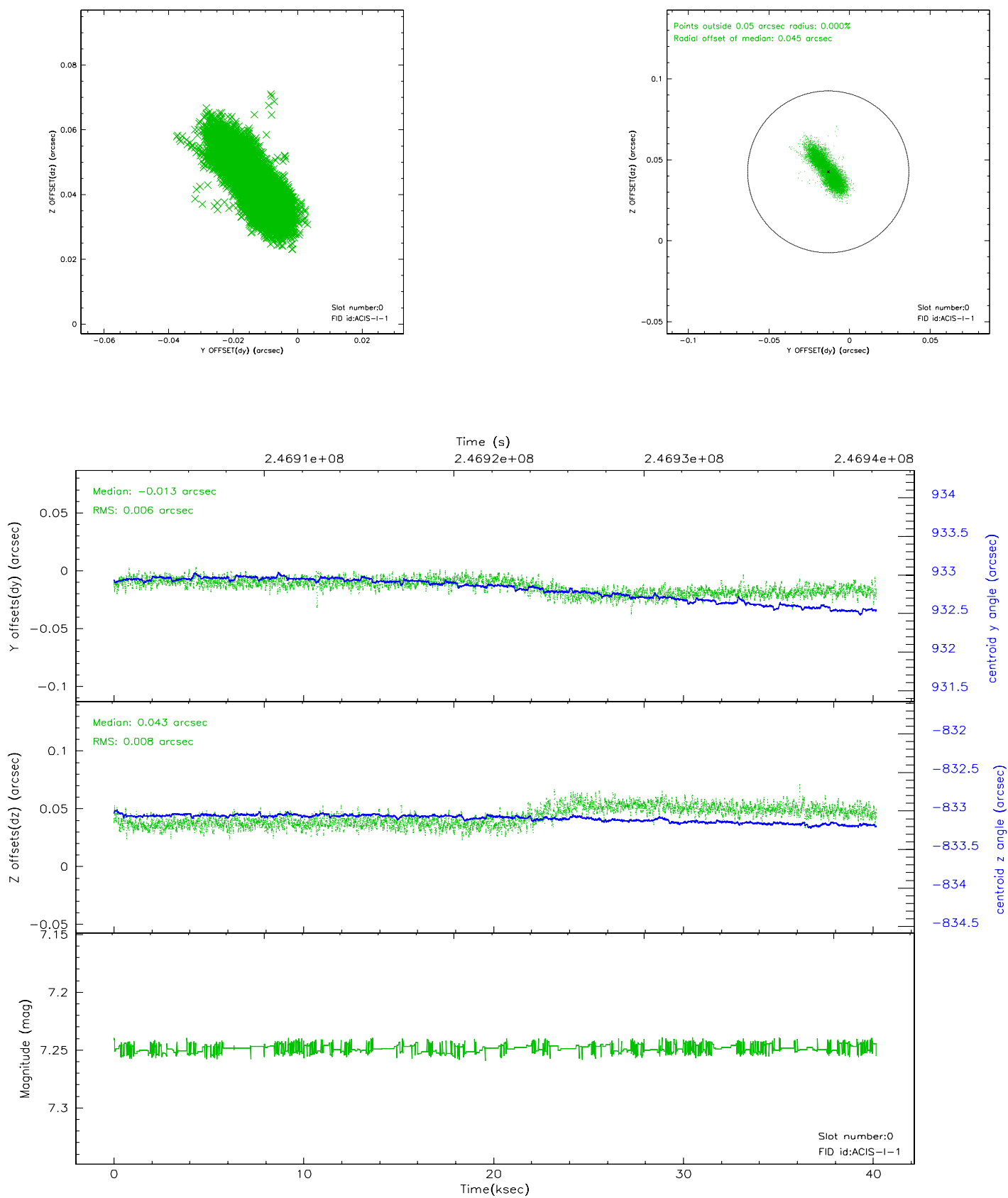


## 2.4.5 Slot 7

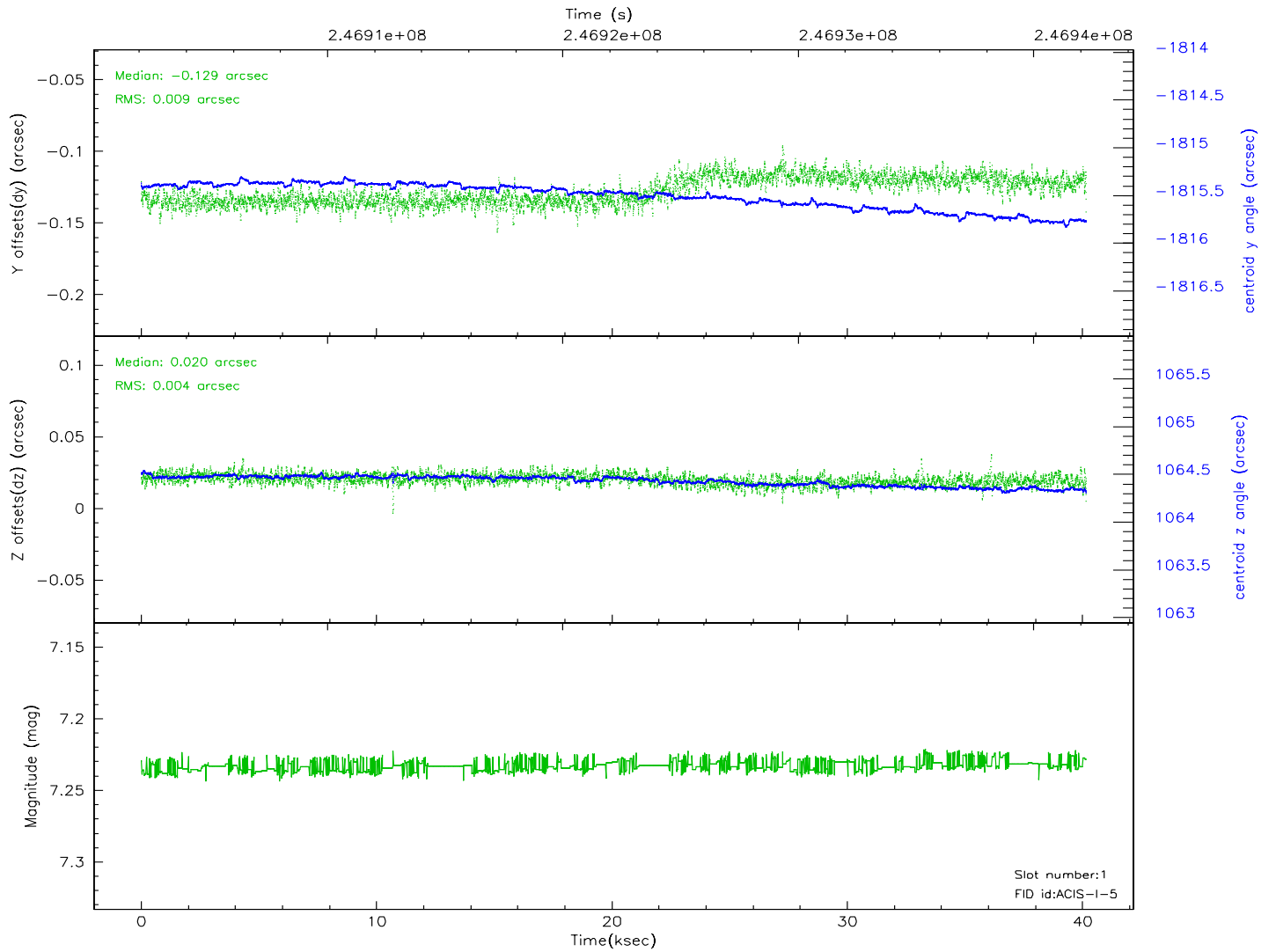
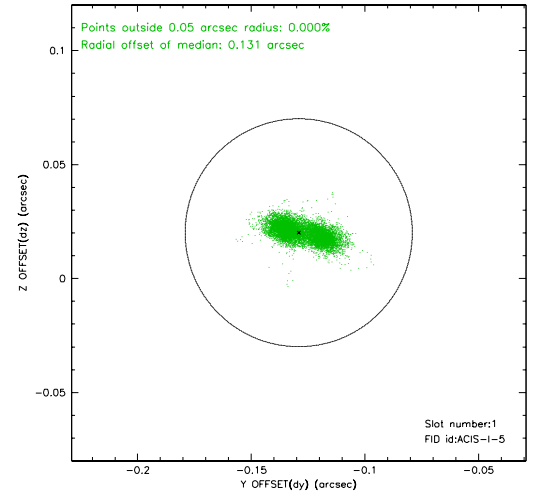
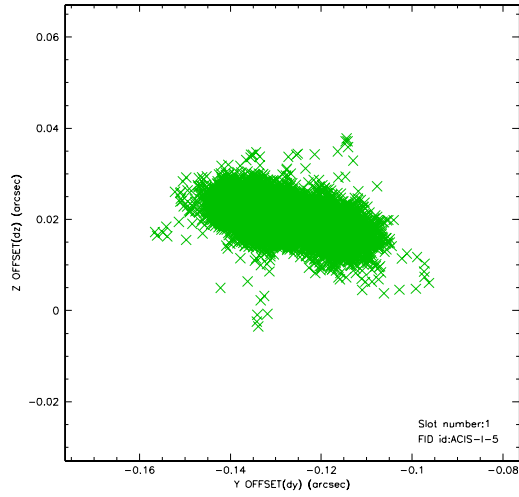


## 2.5 FID Slots

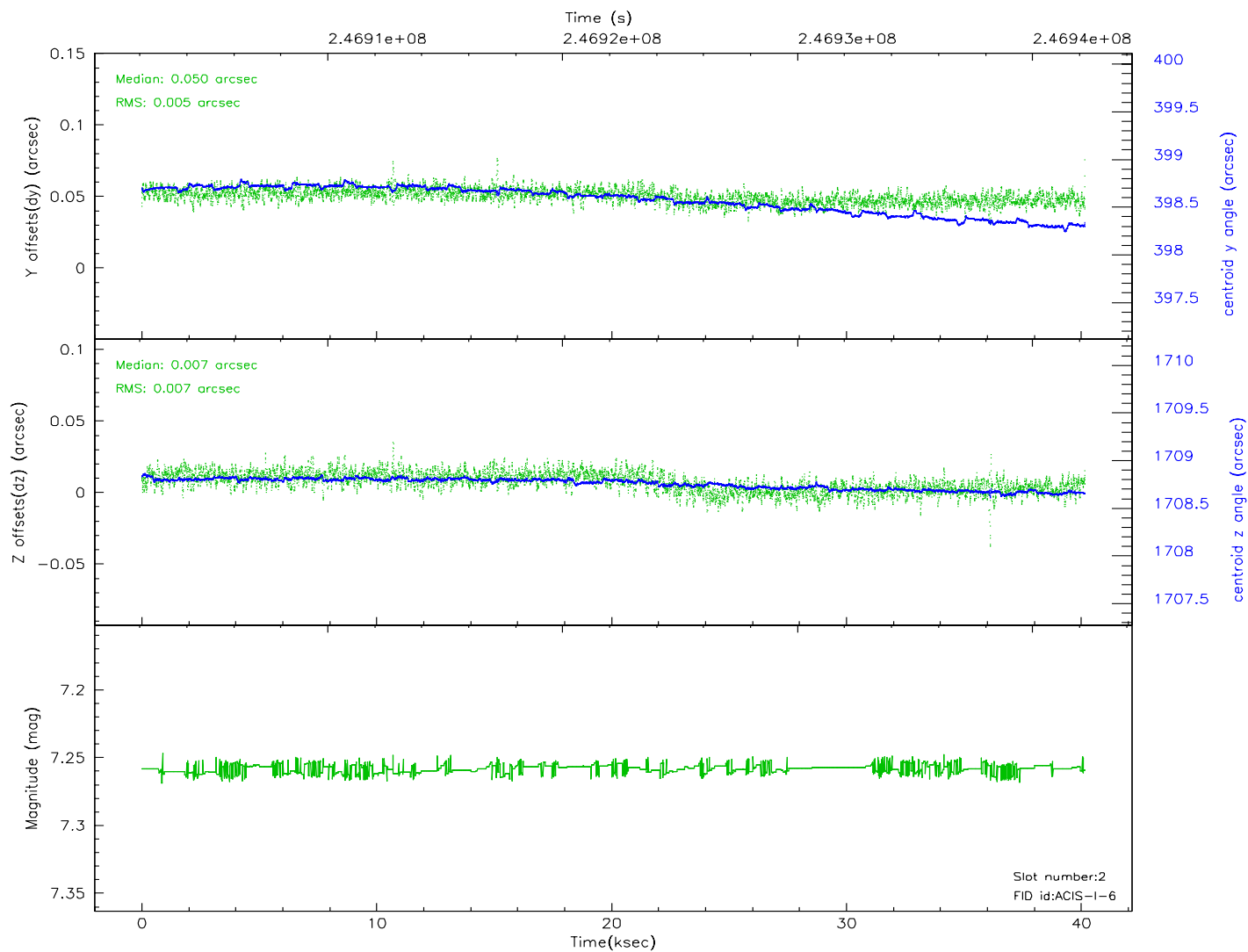
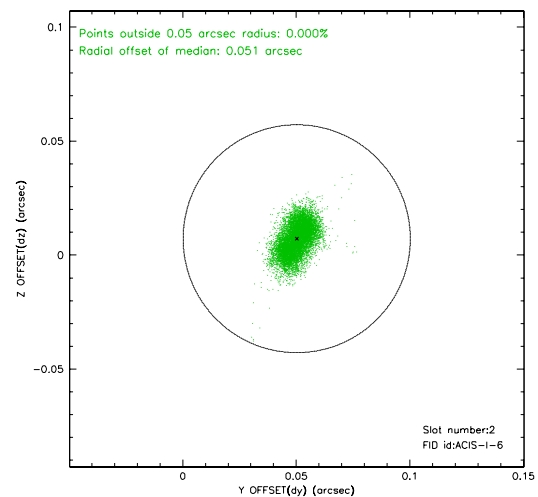
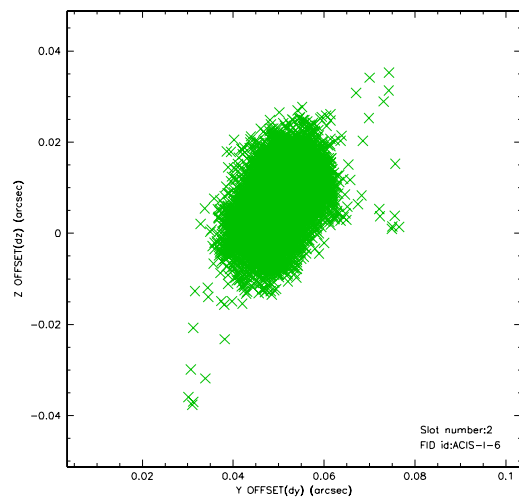
### 2.5.1 Slot 0



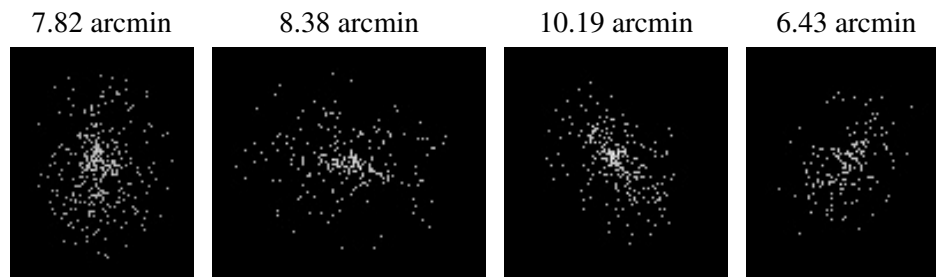
## 2.5.2 Slot 1



### 2.5.3 Slot 2



### 3 Point Sources



## A Summary

### A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.04.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	40.14789

### A.2 Comments