

# V&V Reference Report

## L2 ASCDS Version : 7.6.8.1

Observation 3229 - L2 Version 001  
Chandra X-Ray Center

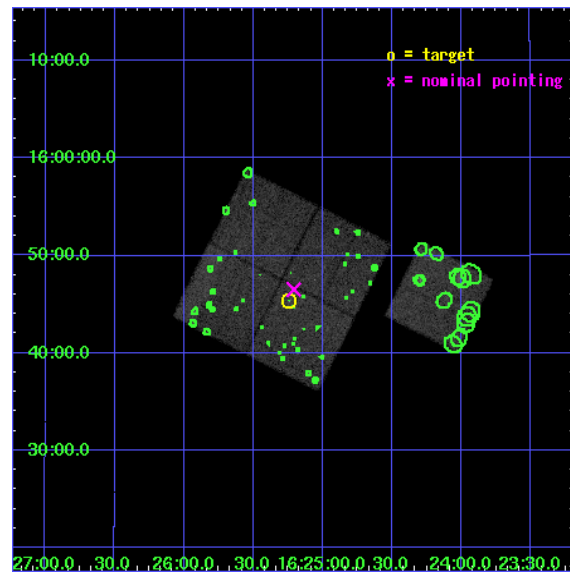
L2 Processing Date : Sep 11 2006

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# 1 Front

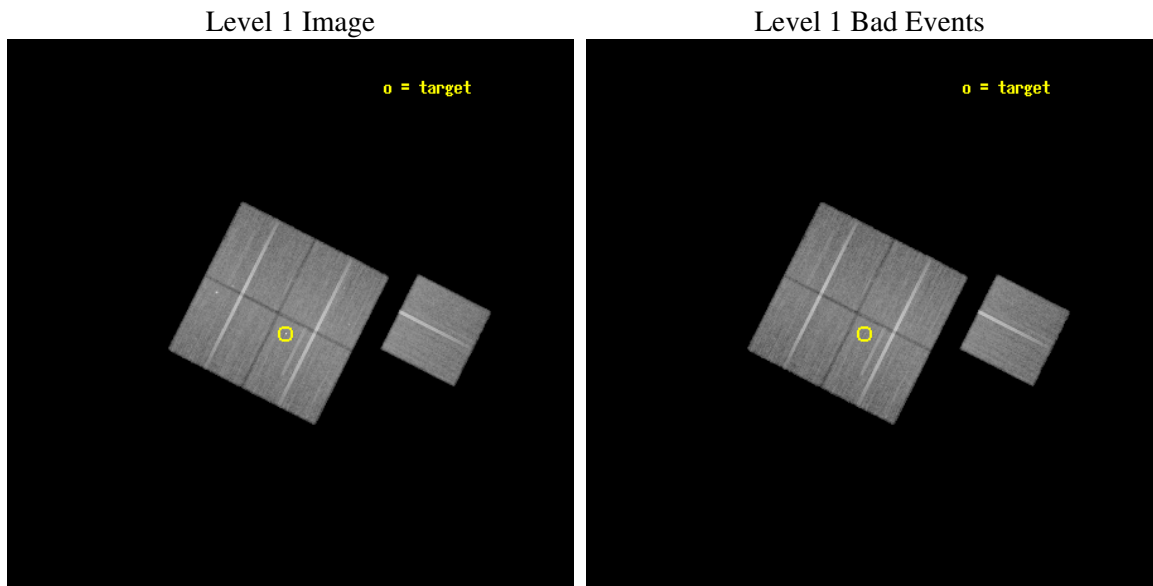
seq_num	800229
obs_id	3229
title	THE CLUSTER ENVIRONMENTS OF OLD GALAXIES IN QUASAR FIELDS AT Z ~ 1.5
observer	Dr Alan Stockton
object	4C 15.55 FIELD
dtcycle	0
cycle	P
ra_targ	246.31
dec_targ	15.756111
ra_nom	246.30190242105
dec_nom	15.775663610078
roll_nom	116.8701224061
revision	2
ontime	51834.813108623
livetime	51157.553115125
ontime0	51844.235999465
ontime1	51847.376979589
ontime2	51841.095049143
ontime3	51834.813108623
ontime6	51853.658900172
l2events	122862



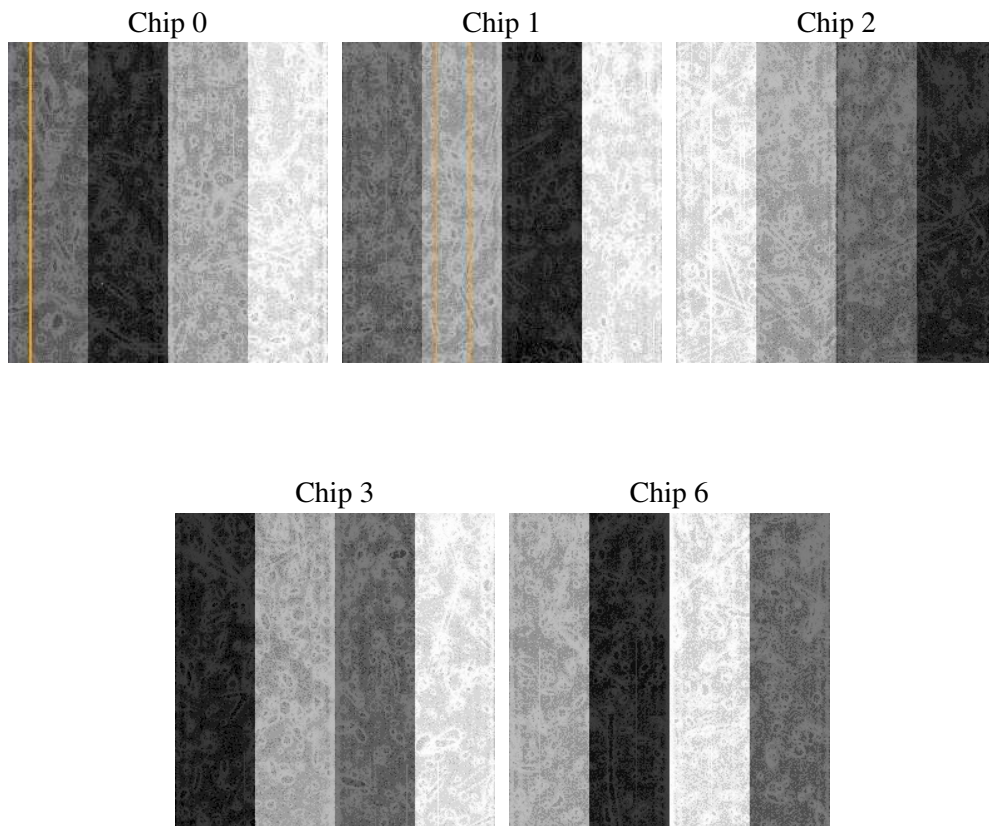
## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias



### 2.1.3 Parameters

obi_num	2
ascdsver	7.6.8.1
caldbver	3.2.3
date	2006-09-11T07:46:09
revision	2

sched_exp_time	52000.000000
ontime	51839.139877111
ontime0	51848.562767953
ontime1	51851.703768015
ontime2	51845.421837568
ontime3	51839.139877111
ontime6	51857.985688597
l1events	1398037

### 2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	265909	265904	294400	286253	285571
rejected events	237990	233797	266136	257282	255901
rejected %	89%	87%	90%	89%	89%

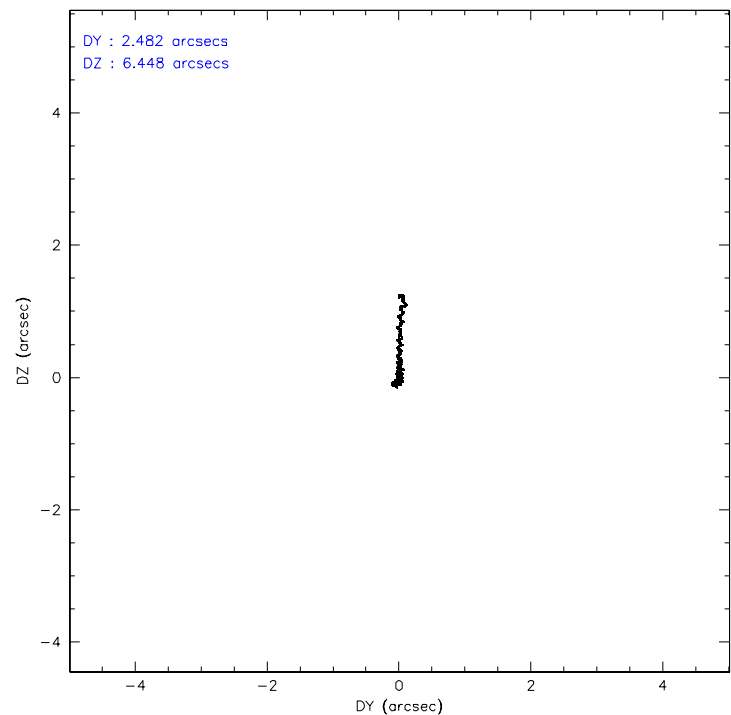
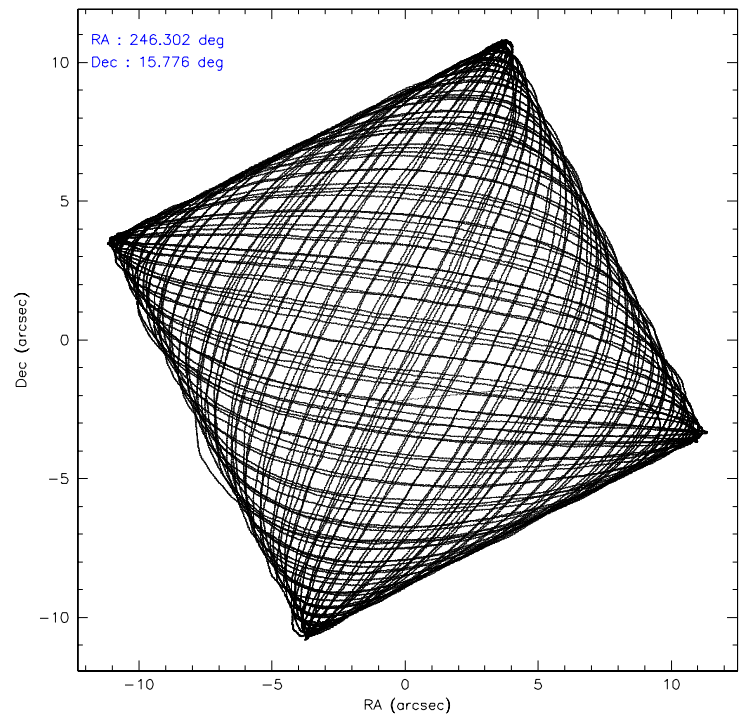
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	9933	12618	10668	11842	11149
	3%	4%	3%	4%	3%
grade 1 events	114	121	130	145	140
	0%	0%	0%	0%	0%
grade 2 events	6244	6418	6309	5704	5896
	2%	2%	2%	1%	2%
grade 3 events	3267	3608	3048	2938	3398
	1%	1%	1%	1%	1%
grade 4 events	2981	3522	2945	3029	3210
	1%	1%	1%	1%	1%
grade 5 events	9206	9930	8581	9898	10335
	3%	3%	2%	3%	3%
grade 6 events	5496	5945	5295	5460	6018
	2%	2%	1%	1%	2%
grade 7 events	228668	223742	257424	247237	245425
	85%	84%	87%	86%	85%

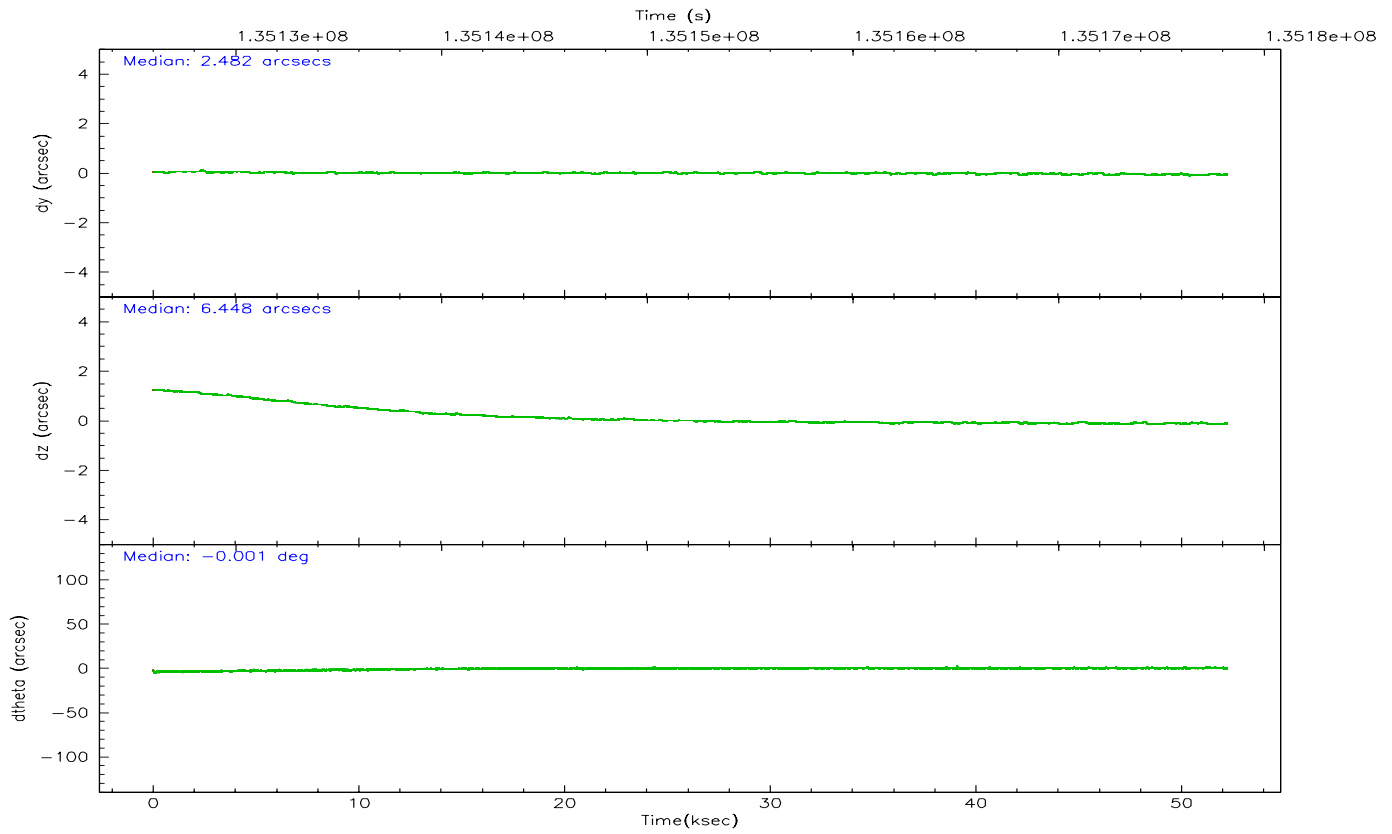
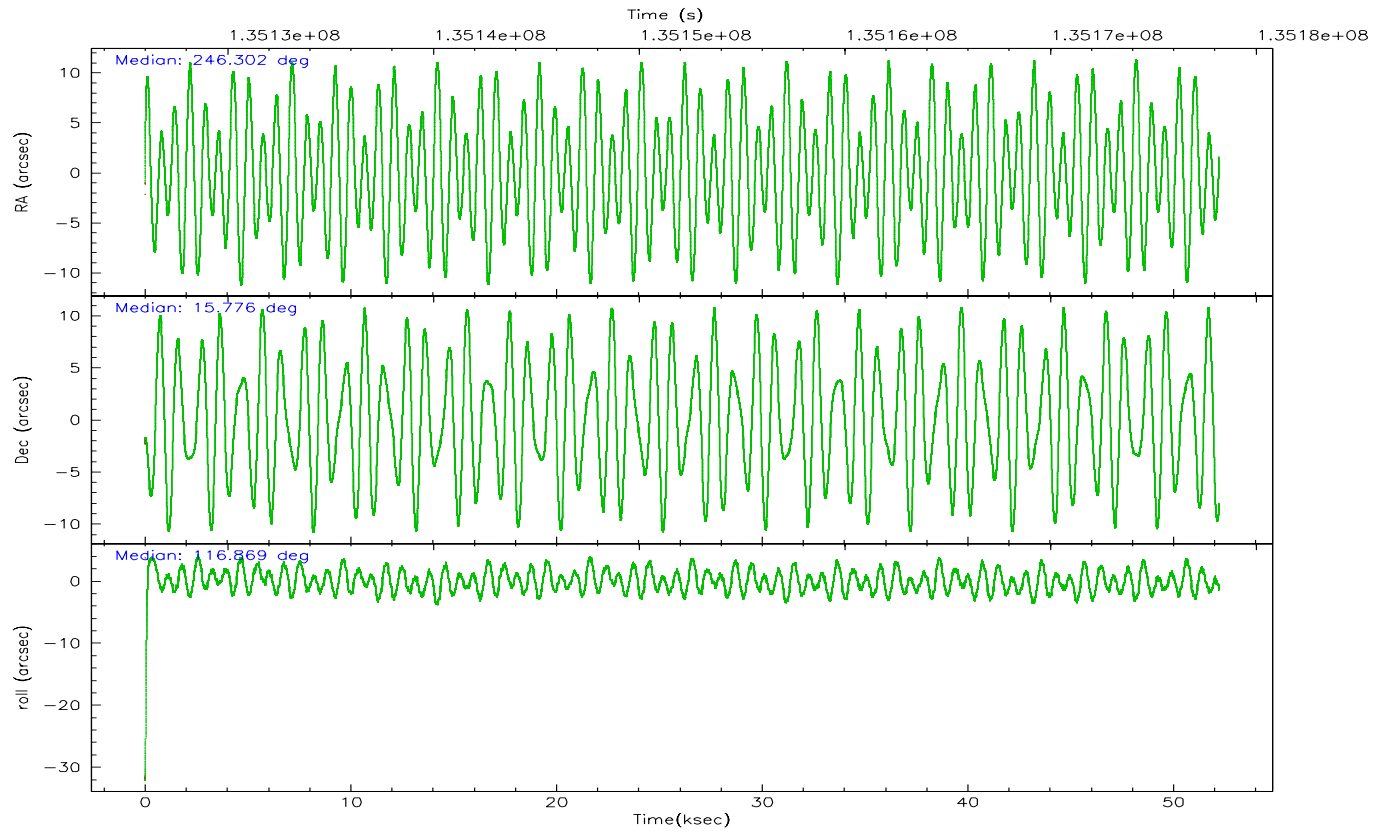


## 2.2 Compared Parameters

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	246.325787	246.3019024210462	Alternating exposures requested	N	N
Pointing Dec	15.760765	15.77566361007805	Primary exposure time	0.000000	3.1
Pointing Roll	116.654955	116.8701224060959			
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-230.632463	-230.6305996661941			
SIM translation stage offset (mm)	-2.96	-2.961853336735572			
Observation start time	135126202.184000	135125207.52118			
Observation start date	2002-04-13T23:02:18	2002-04-13T22:46:47			
Observation end time	135178202.184000	135179143.02337			
Observation end date	2002-04-14T13:28:58	2002-04-14T13:45:43			
Read mode	TIMED	TIMED			

### 2.3 Aspect



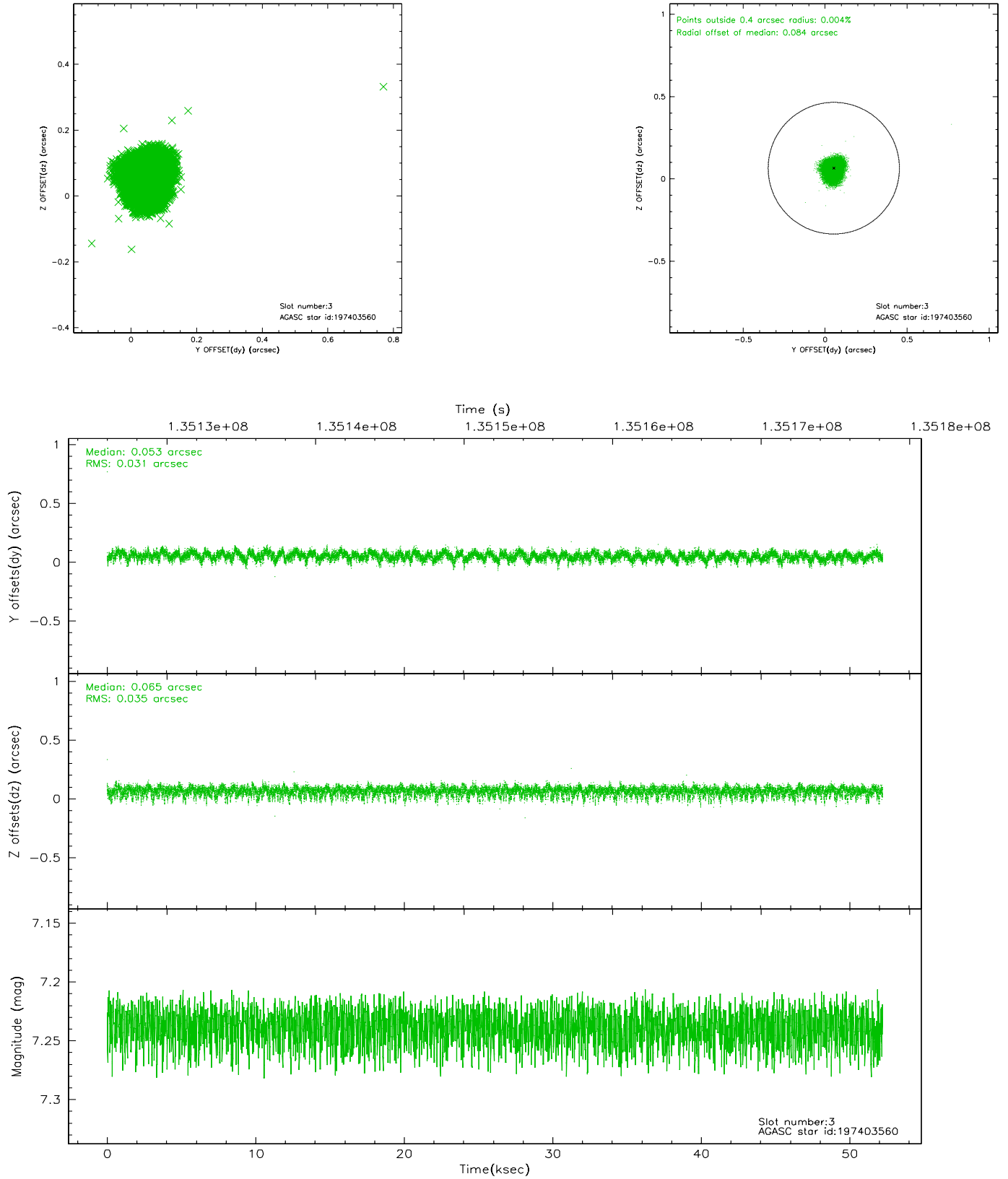


### Slot Statistics

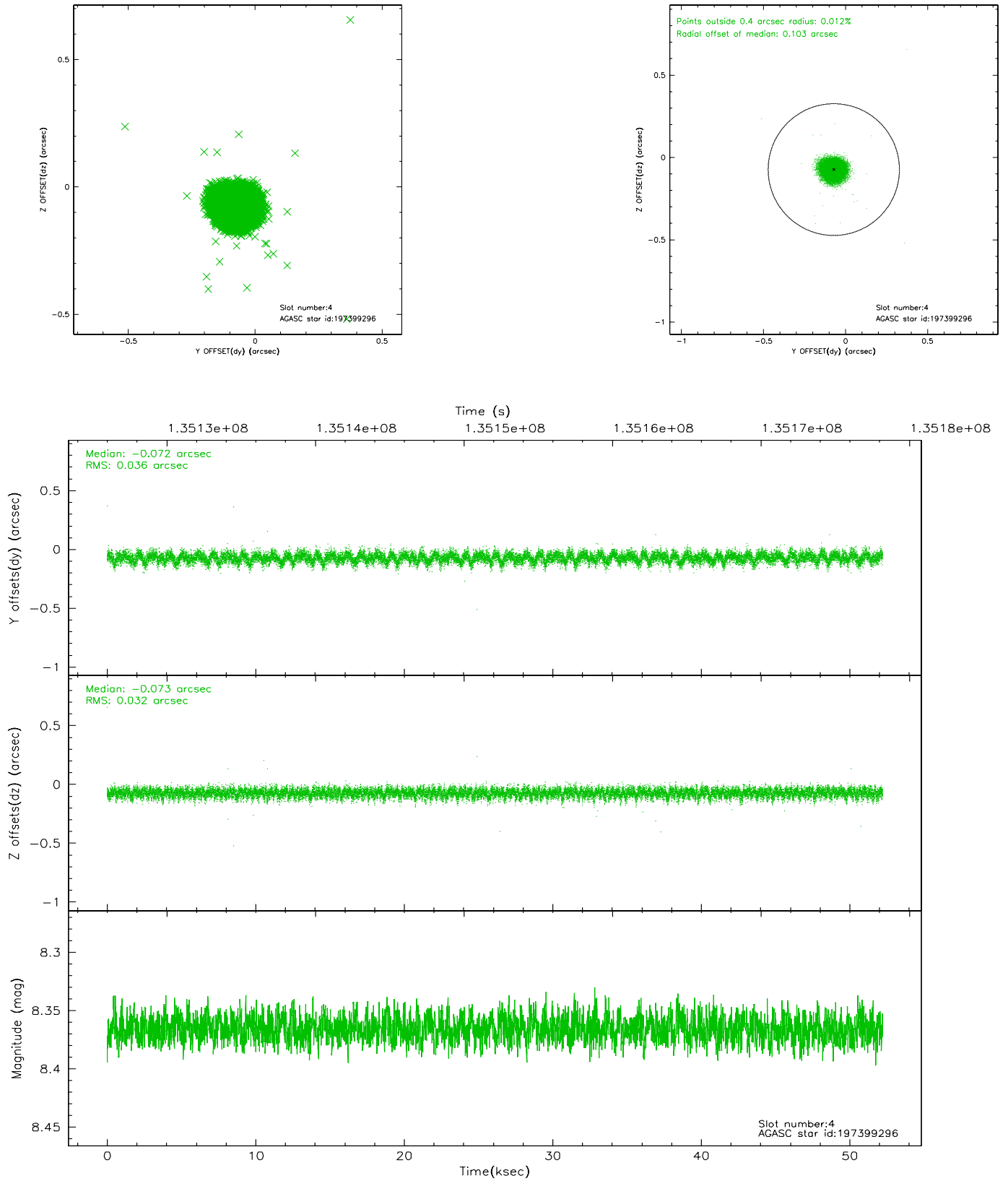
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	12737	-0.007	0.041	0.013	0.043	0.000000	0.000000	937.25	-890.73
1	FID	ACIS-I-5	7.23	12736	-0.091	0.037	0.010	0.023	0.000000	0.000000	-1810.93	1006.80
2	FID	ACIS-I-6	7.25	12737	0.008	-0.010	0.010	0.020	0.000000	0.000000	402.87	1651.19
3	GUIDE	197403560	7.24	25473	0.053	0.065	0.049	0.082	247.100683	15.431301	-2262.23	-1873.73
4	GUIDE	197399296	8.37	25470	-0.072	-0.073	0.051	0.082	246.037833	16.156078	1718.77	250.71
5	GUIDE	197270480	8.59	25461	0.009	-0.084	0.058	0.093	245.969352	16.100949	1648.26	551.62
6	GUIDE	197402112	8.97	25466	0.127	0.076	0.076	0.119	246.961206	15.656172	-1321.79	-1801.28
7	GUIDE	197270376	9.32	25457	-0.116	0.021	0.071	0.117	245.811914	16.093771	1870.34	1049.46

## 2.4 Star Slots

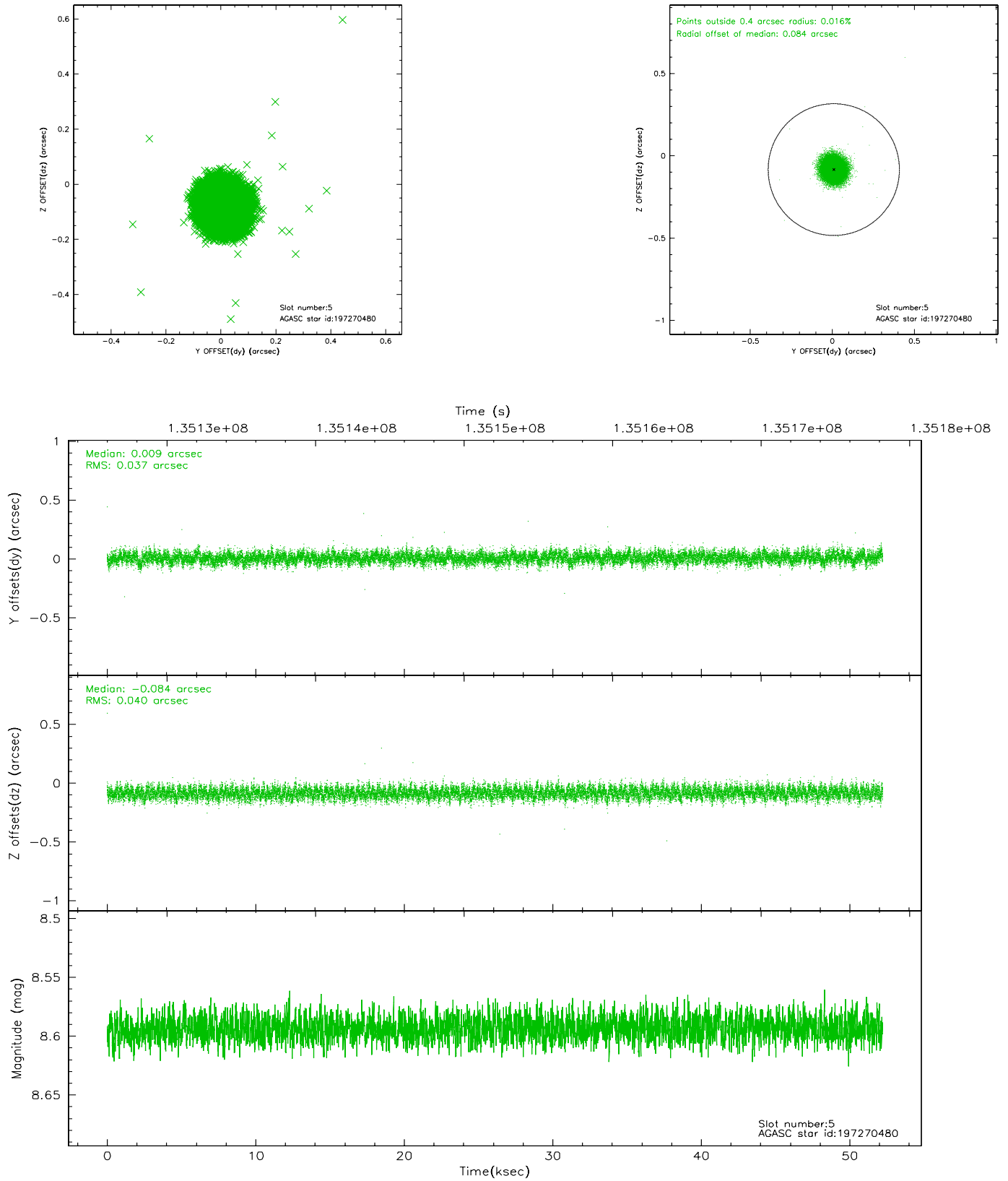
### 2.4.1 Slot 3



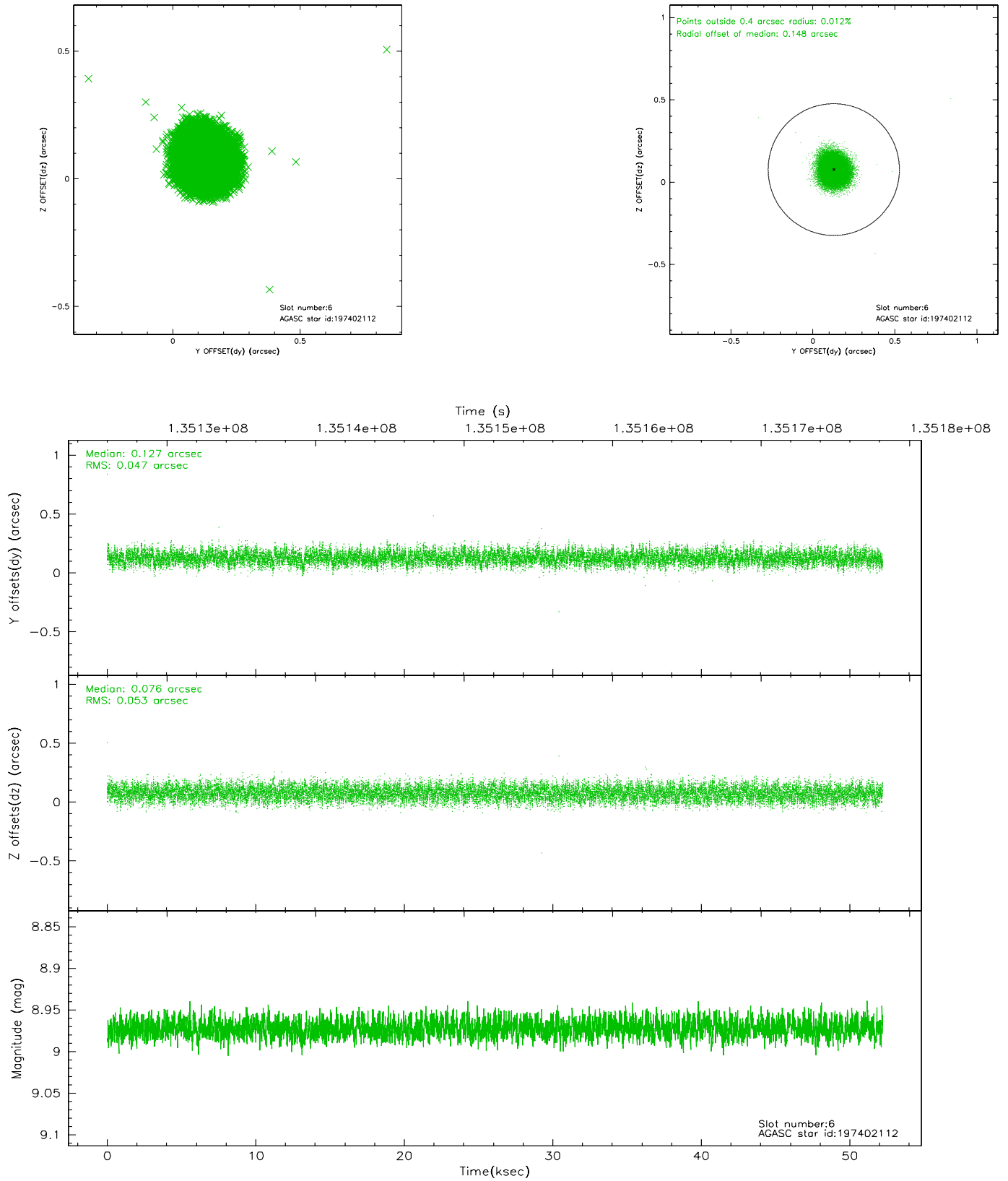
## 2.4.2 Slot 4



### 2.4.3 Slot 5

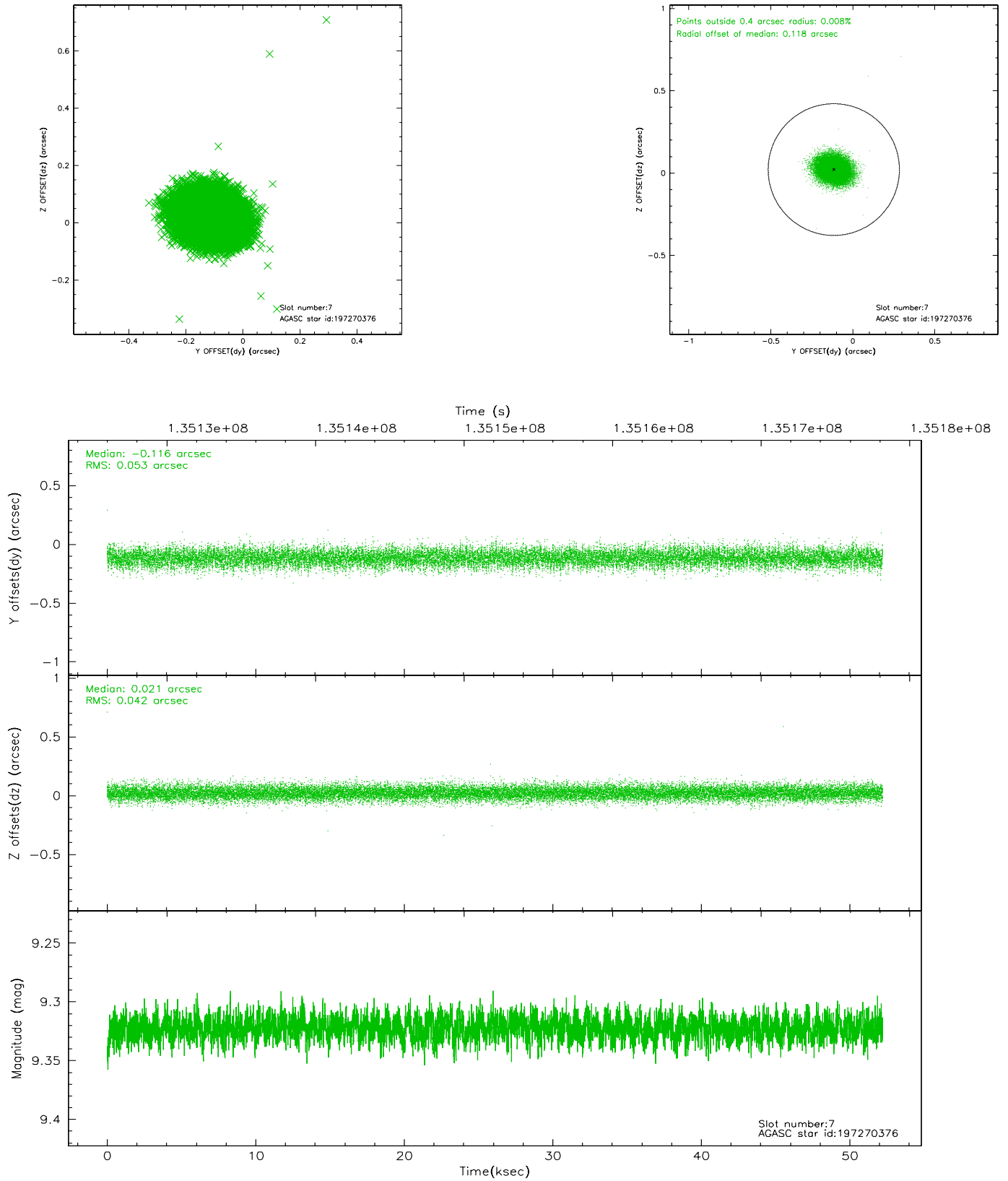


## 2.4.4 Slot 6



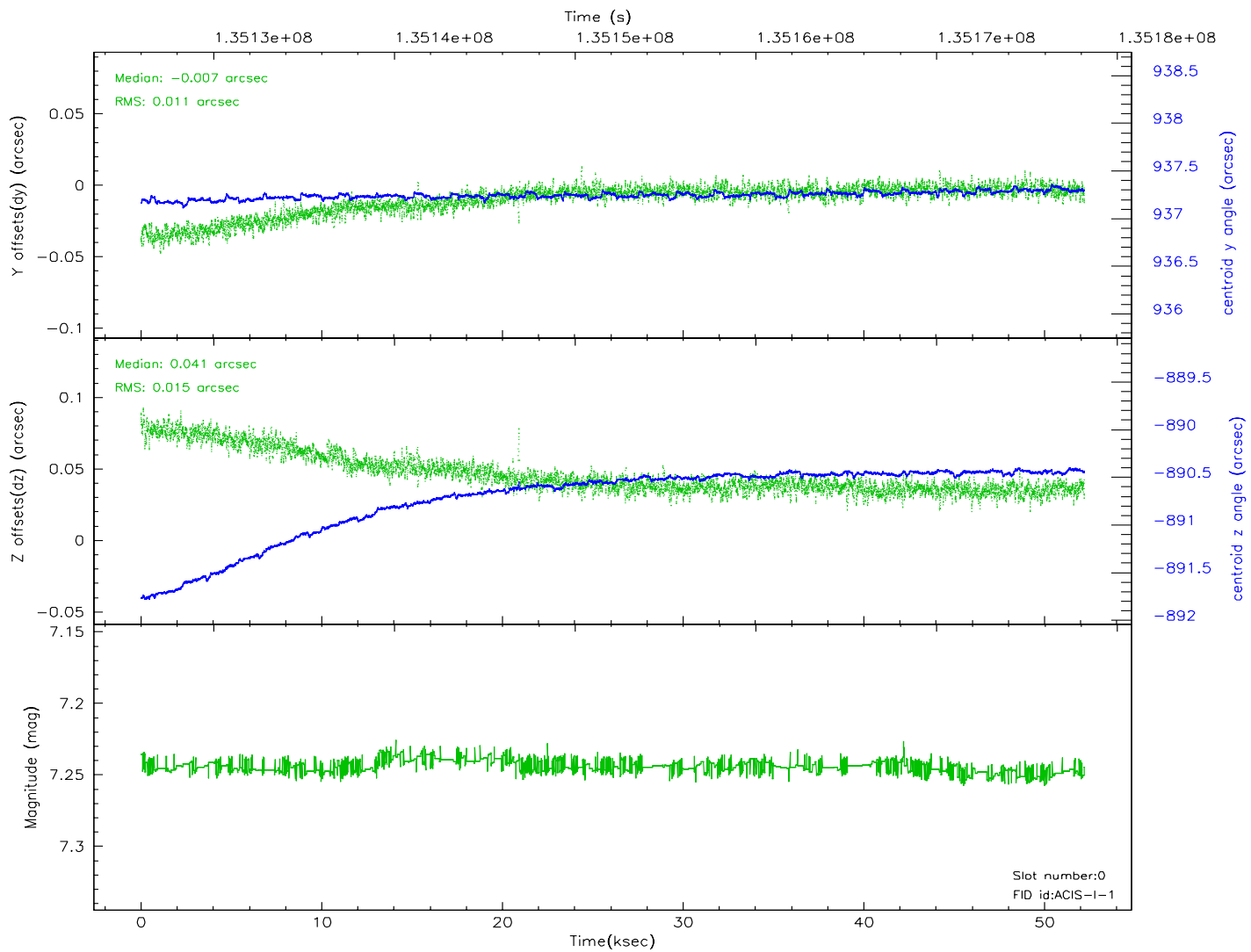
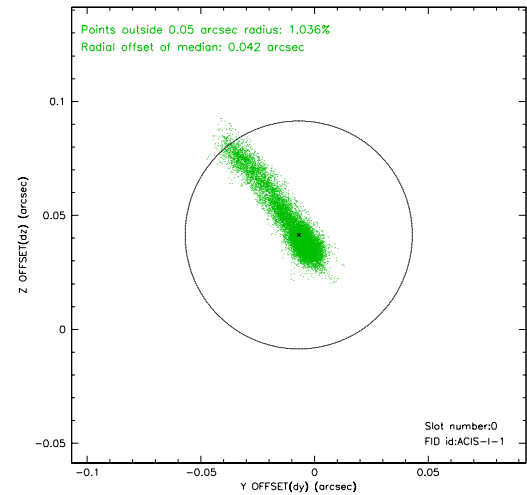
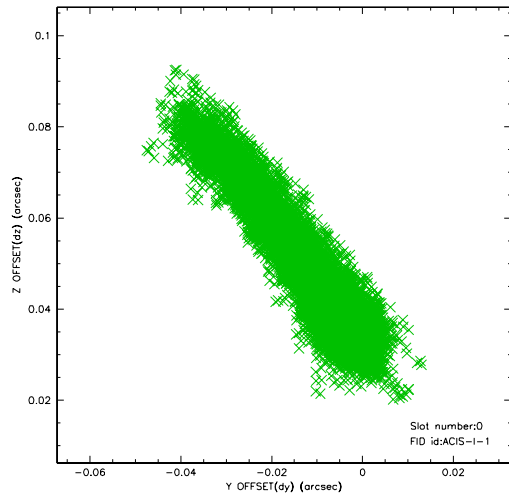


## 2.4.5 Slot 7

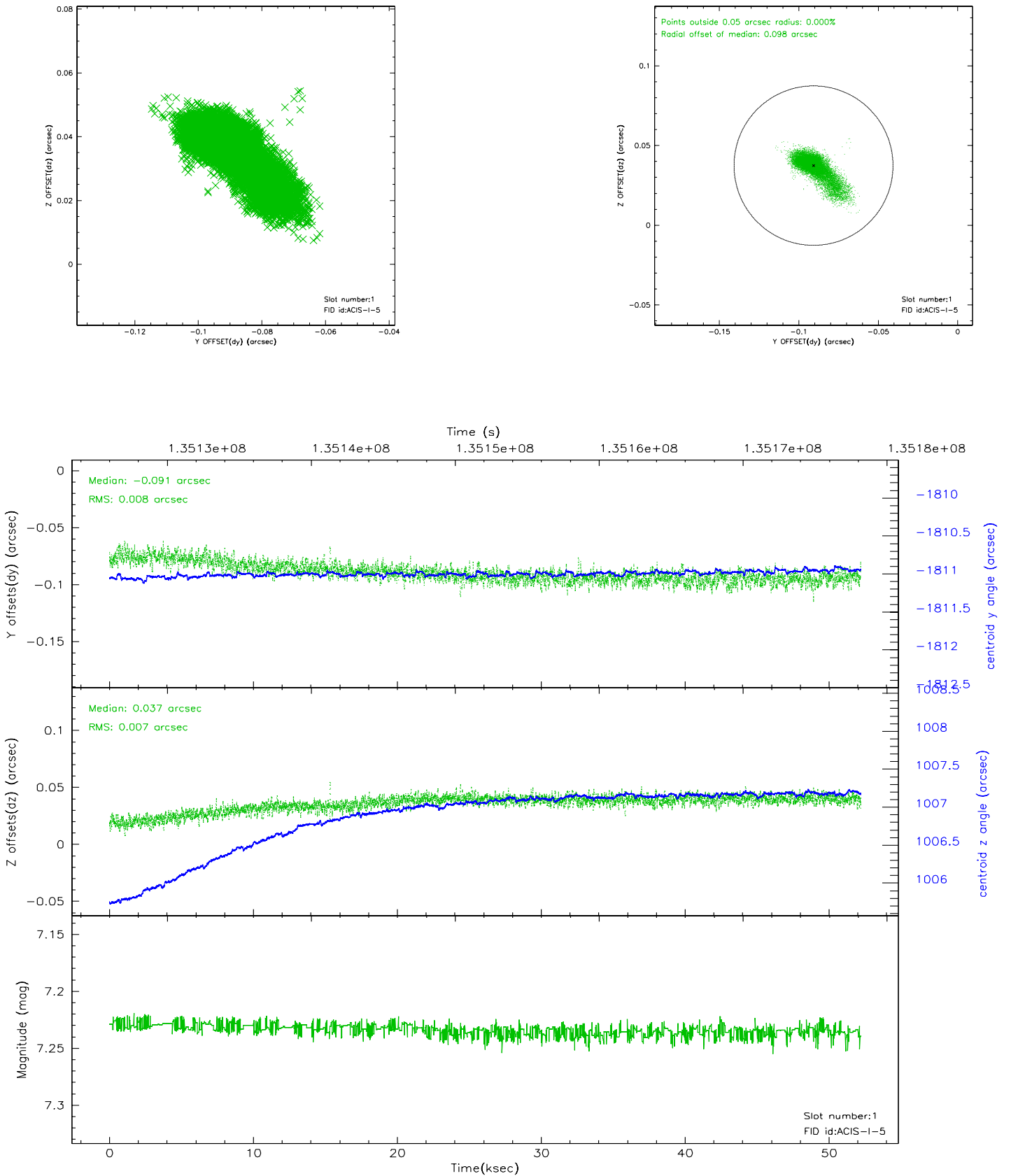


## 2.5 FID Slots

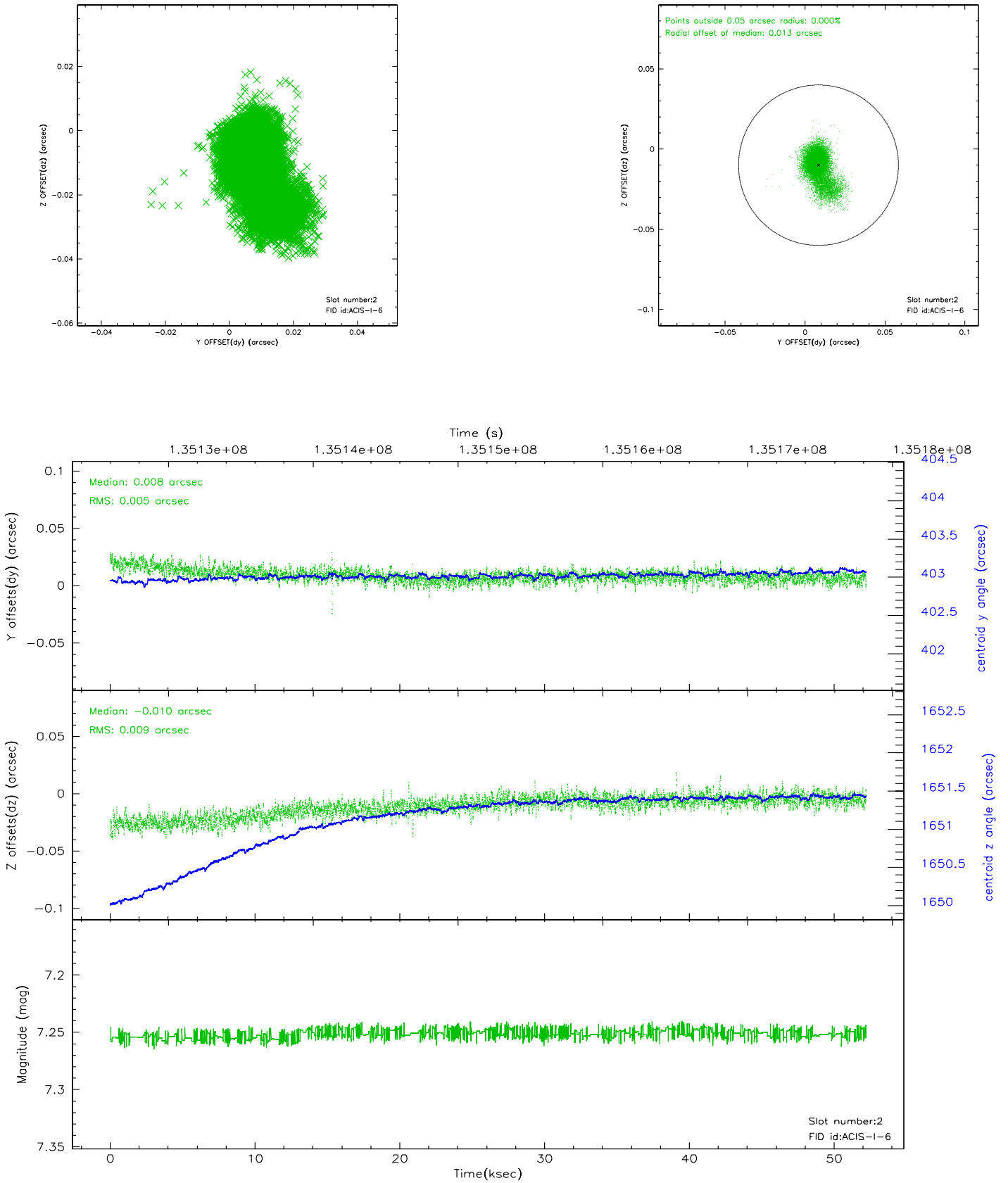
### 2.5.1 Slot 0



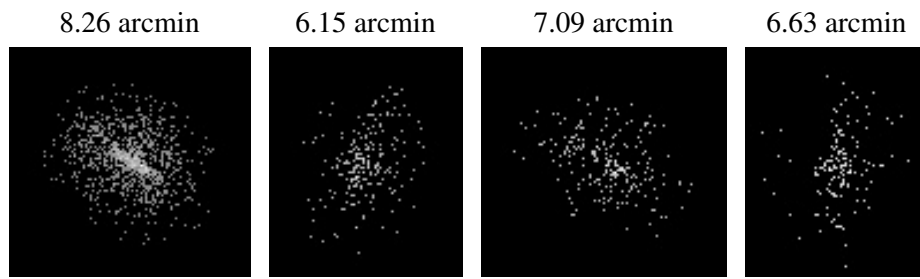
## 2.5.2 Slot 1



### 2.5.3 Slot 2



### 3 Point Sources



## A Summary

### A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.09.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	51.834

### A.2 Comments