

# V&V Reference Report

## L2 ASCDS Version : 7.6.9

Observation 3330 - L2 Version 001  
Chandra X-Ray Center

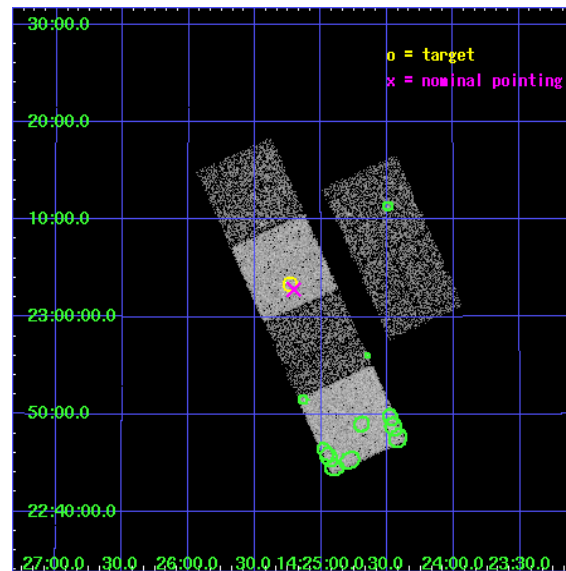
L2 Processing Date : Sep 22 2006

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# 1 Front

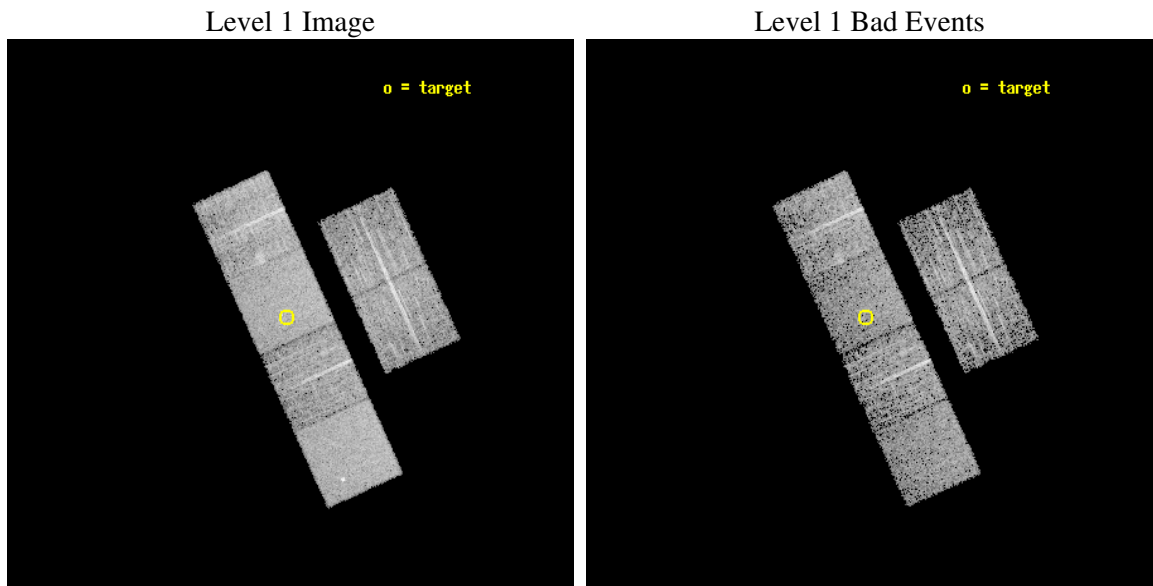
seq_num	900169
obs_id	3330
title	THE SHEEP SURVEY: WHAT KIND OF OBJECTS MAKE THE X-RAY BACKGROUND?
observer	Professor Kirpal Nandra
object	AX J1425.2+2303
dtcycle	0
cycle	P
ra_targ	216.307083
dec_targ	23.055278
ra_nom	216.30121001599
dec_nom	23.047330317566
roll_nom	245.64378040117
revision	2
ontime	4761.5999822617
livetime	4701.305736195
ontime2	4761.5999822617
ontime3	4761.5999822617
ontime5	4761.5999822617
ontime6	4761.5999822617
ontime7	4761.5999822617
ontime8	4758.359051913
l2events	47869



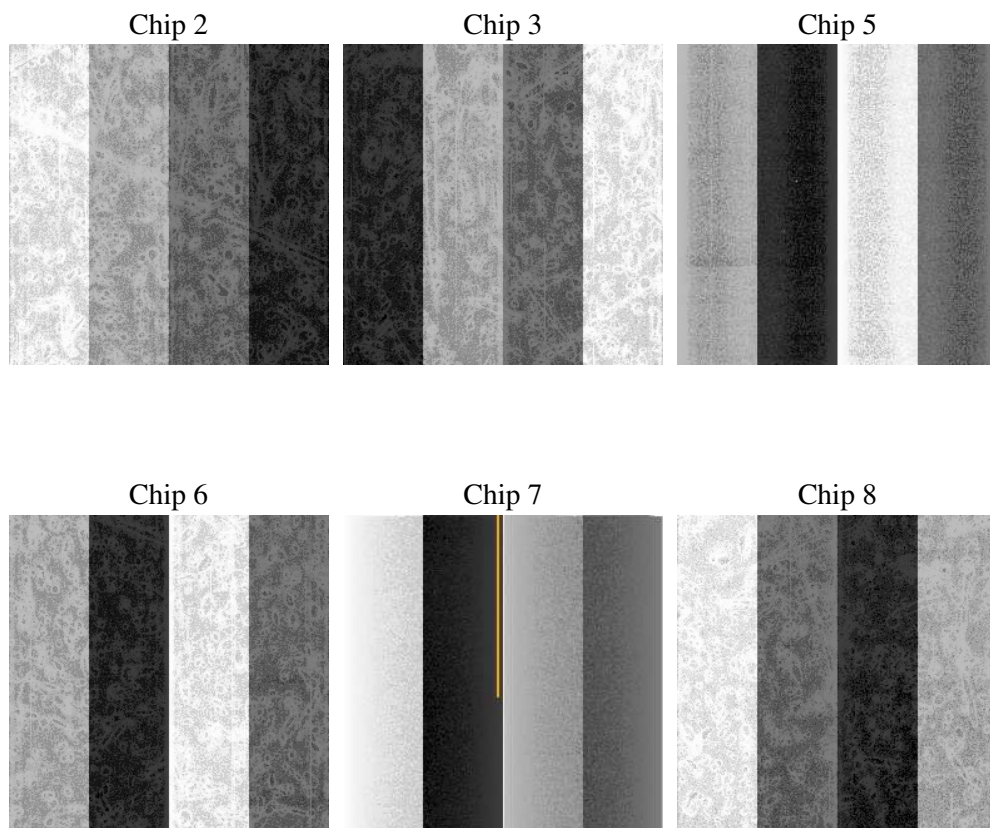
## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias



### 2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldsver	3.2.3
date	2006-09-22T23:25:43
revision	2

sched_exp_time	5000.000000
ontime	4764.2696154714
ontime2	4764.2695855498
ontime3	4764.2695855498
ontime5	4764.2696154714
ontime6	4764.2695855498
ontime7	4764.2696154714
ontime8	4761.02857548
l1events	228970

### 2.1.4 Events

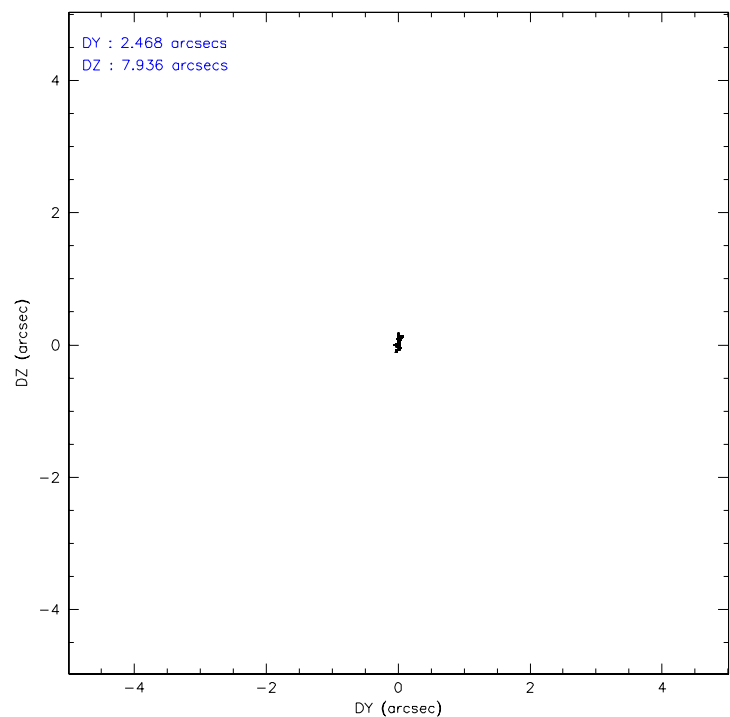
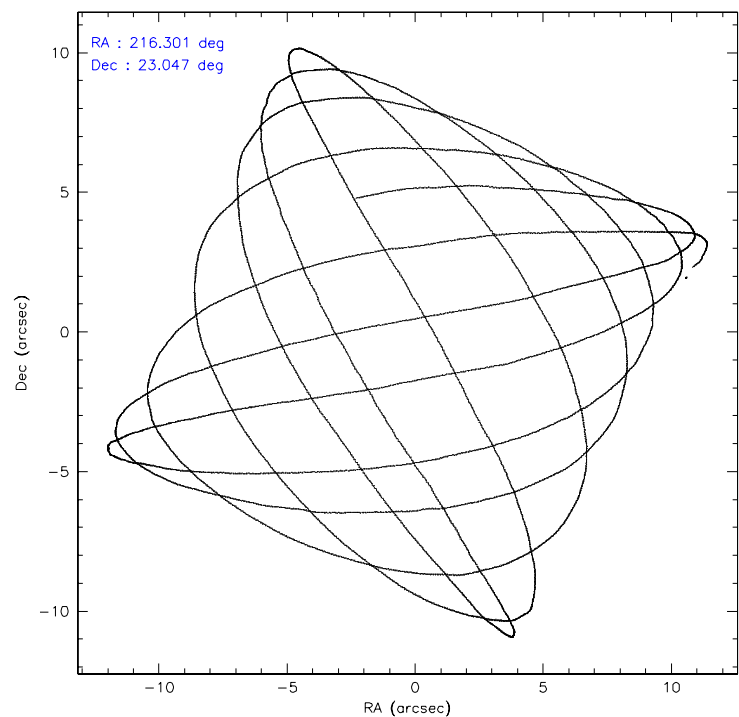
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	33607	32422	44957	32884	41720	43380
rejected events	29878	28659	25405	29188	25847	34571
rejected %	88%	88%	56%	88%	61%	79%

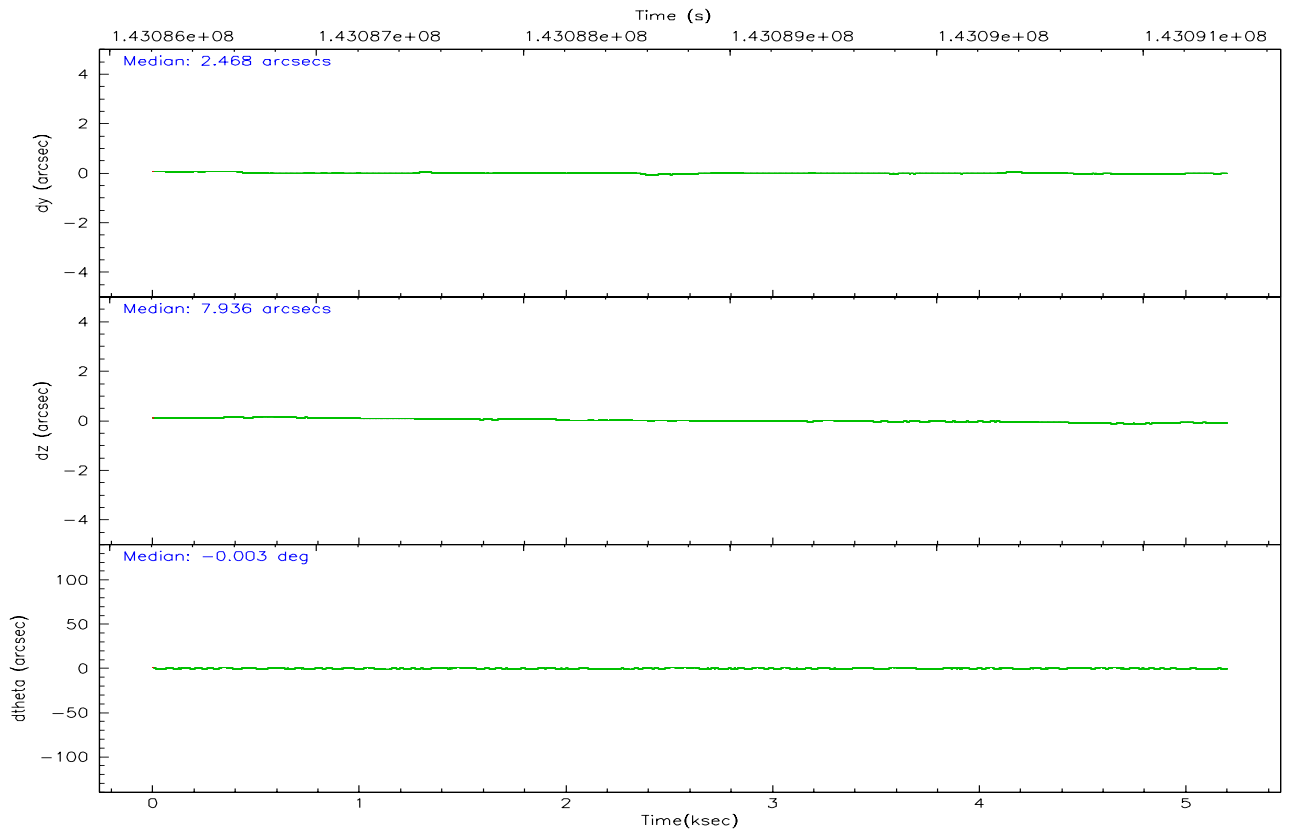
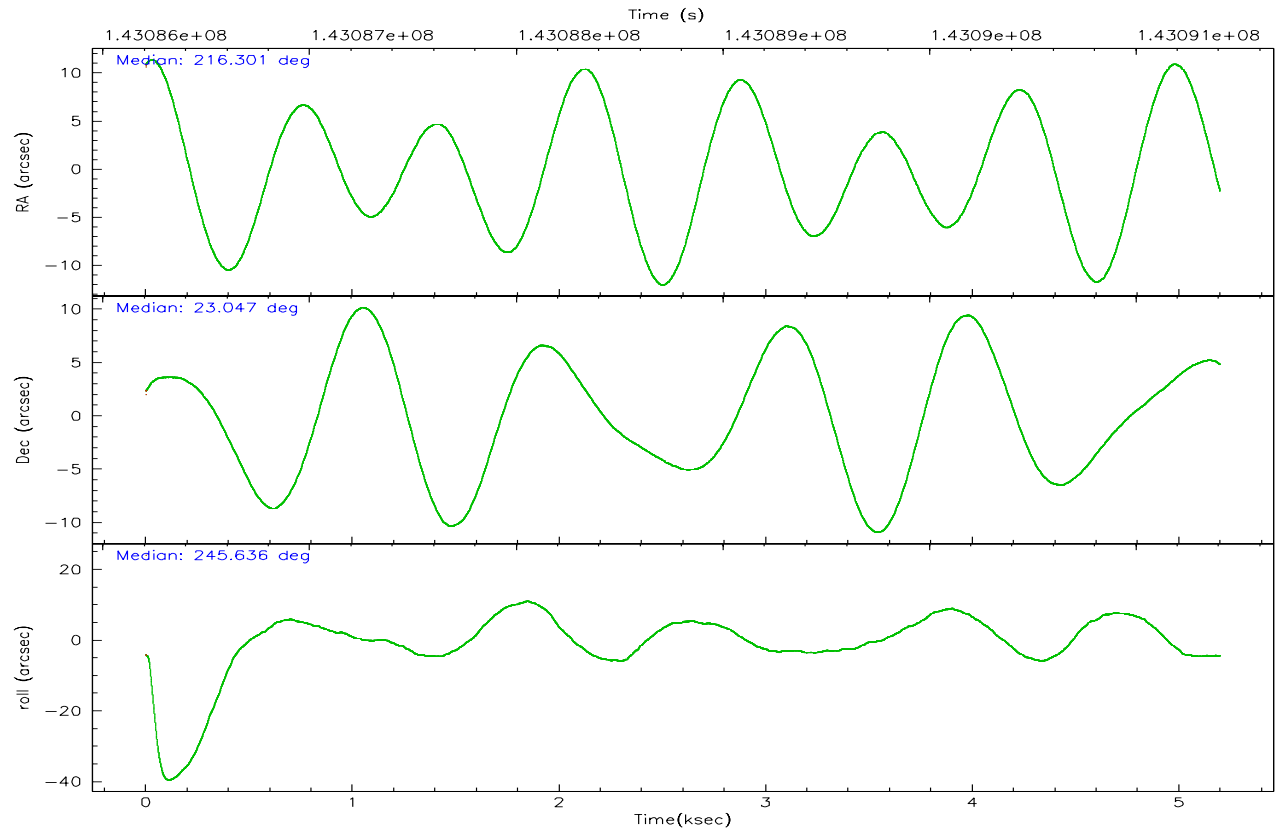
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	1546	1600	1033	1424	988	2504
	4%	4%	2%	4%	2%	5%
grade 1 events	16	18	25	14	24	37
	0%	0%	0%	0%	0%	0%
grade 2 events	803	771	6034	761	3972	1971
	2%	2%	13%	2%	9%	4%
grade 3 events	353	395	657	378	838	927
	1%	1%	1%	1%	2%	2%
grade 4 events	319	362	425	383	863	847
	0%	1%	0%	1%	2%	1%
grade 5 events	1153	1234	2187	1358	2640	1675
	3%	3%	4%	4%	6%	3%
grade 6 events	709	638	11418	751	9221	2564
	2%	1%	25%	2%	22%	5%
grade 7 events	28708	27404	23178	27815	23174	32855
	85%	84%	51%	84%	55%	75%

## 2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-235678	ACIS-235678	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	216.297822	216.3012100159947	Subarray requested	NONE	NONE
Pointing Dec	23.074363	23.0473303175659	Alternating exposures requested	N	N
Pointing Roll	245.488363	245.643780401171	Primary exposure time	0.000000	3.2
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	143086409.184000	143085932.87142			
Observation start date	2002-07-15T02:12:25	2002-07-15T02:05:32			
Observation end time	143091409.184000	143092226.88417			
Observation end date	2002-07-15T03:35:45	2002-07-15T03:50:26			
Read mode	TIMED	TIMED			

## 2.3 Aspect





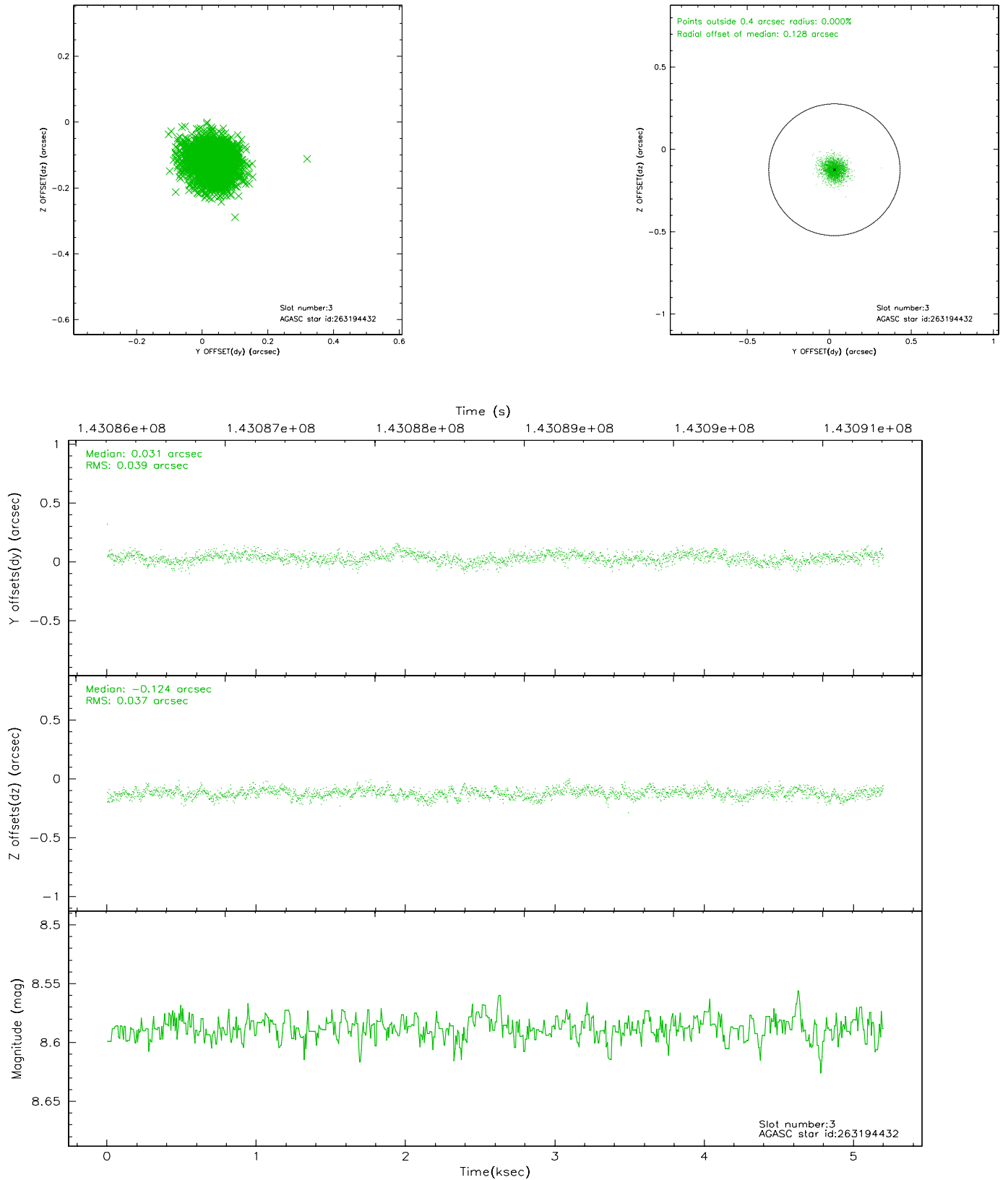
### Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	1269	0.004	0.026	0.006	0.010	0.000000	0.000000	-755.11	-1729.11
1	FID	ACIS-S-4	7.20	1269	-0.083	-0.009	0.005	0.009	0.000000	0.000000	2157.57	178.10
2	FID	ACIS-S-5	7.23	1269	0.047	-0.008	0.006	0.011	0.000000	0.000000	-1806.39	173.14
3	GUIDE	263194432	8.59	2534	0.031	-0.124	0.057	0.095	216.192636	22.671847	1463.28	283.98
4	GUIDE	263196048	8.69	2537	-0.060	0.040	0.061	0.099	216.468737	22.828170	571.20	884.52
5	GUIDE	194250128	9.09	2535	0.050	0.074	0.077	0.122	216.438086	22.290634	2373.10	1596.90
6	GUIDE	263200008	9.52	2534	0.081	0.077	0.113	0.175	215.773312	22.628922	2180.72	-920.38
7	GUIDE	263200584	9.66	2532	-0.099	-0.065	0.115	0.185	215.715152	23.220906	317.23	-1974.06

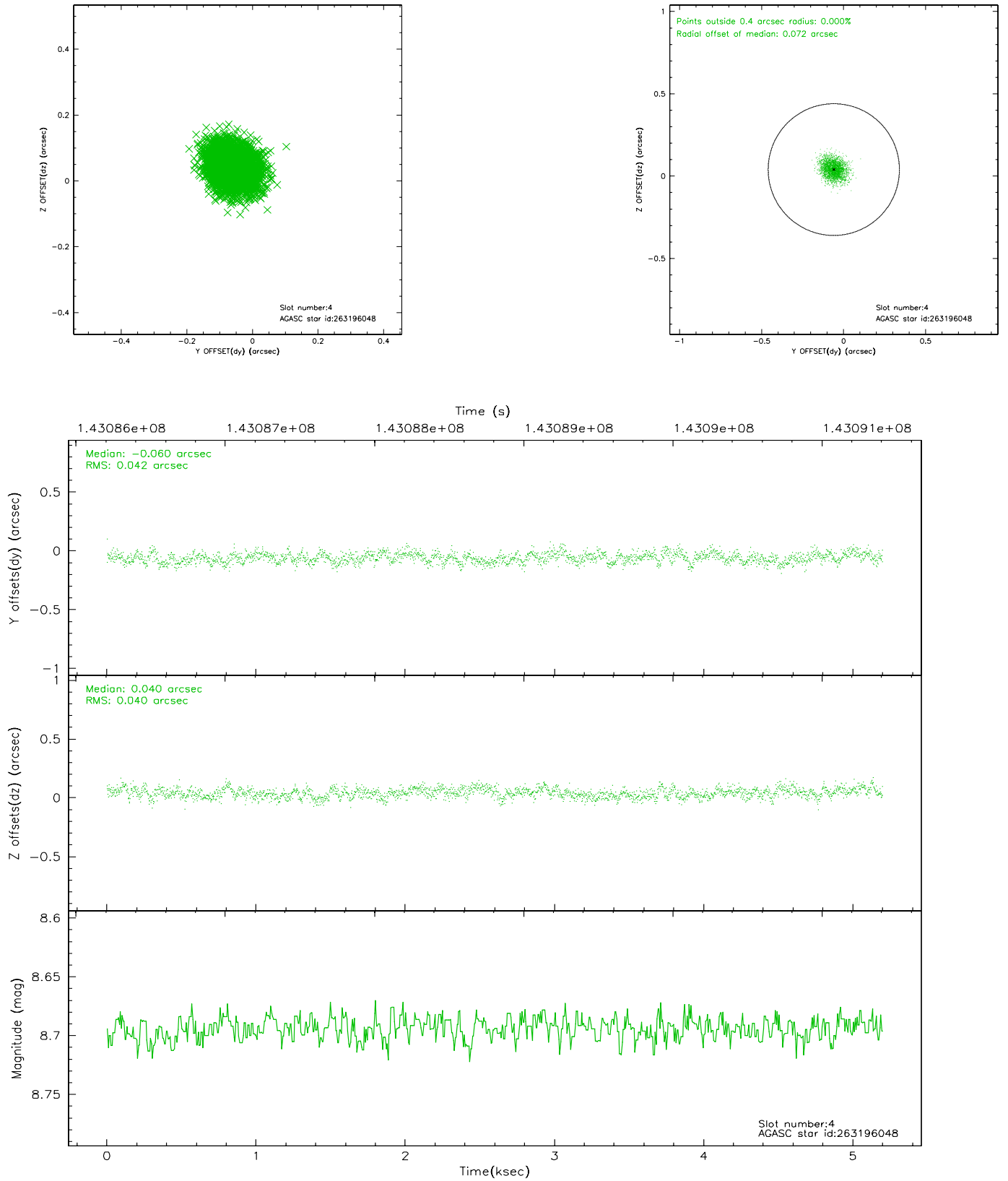


## 2.4 Star Slots

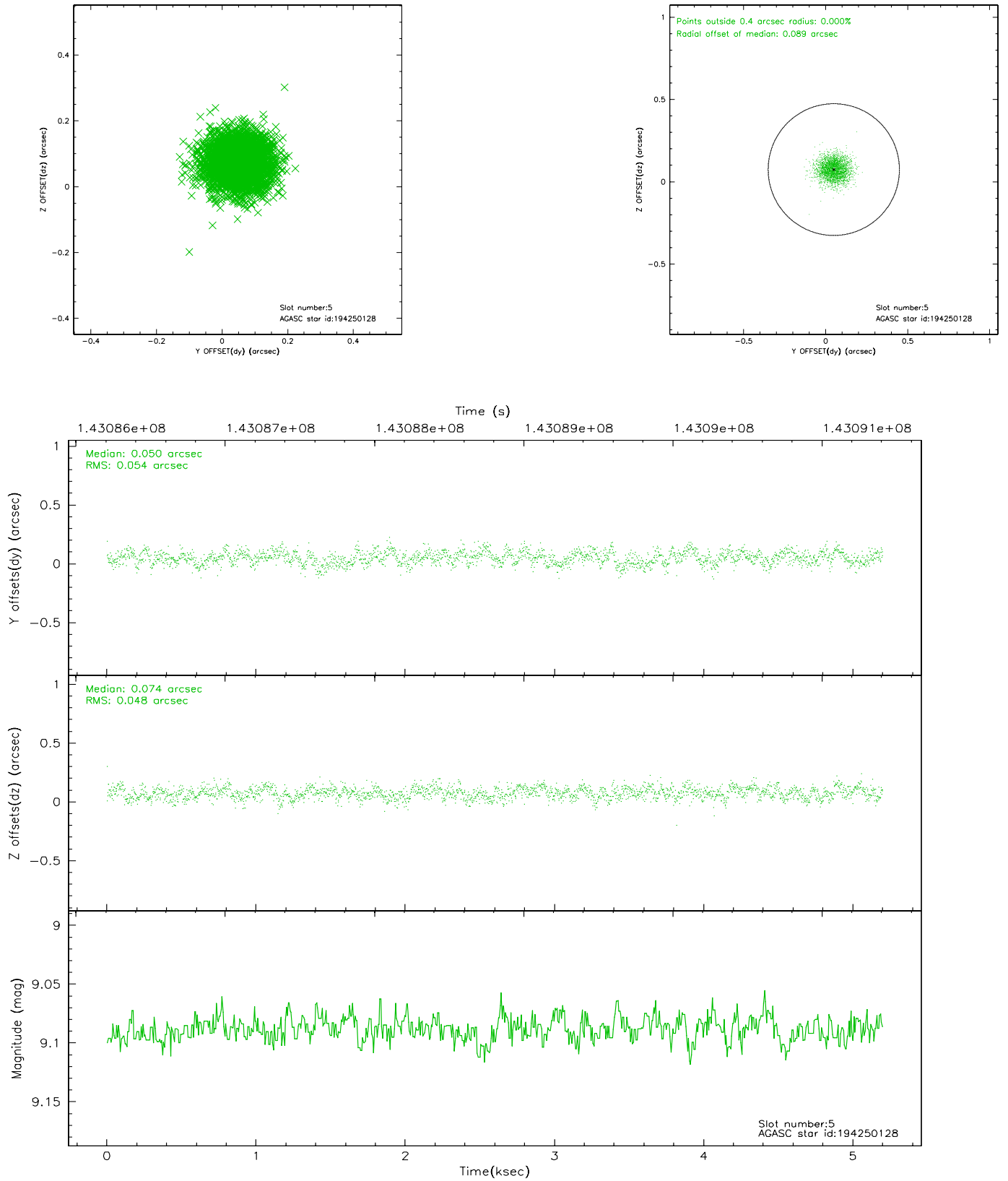
### 2.4.1 Slot 3



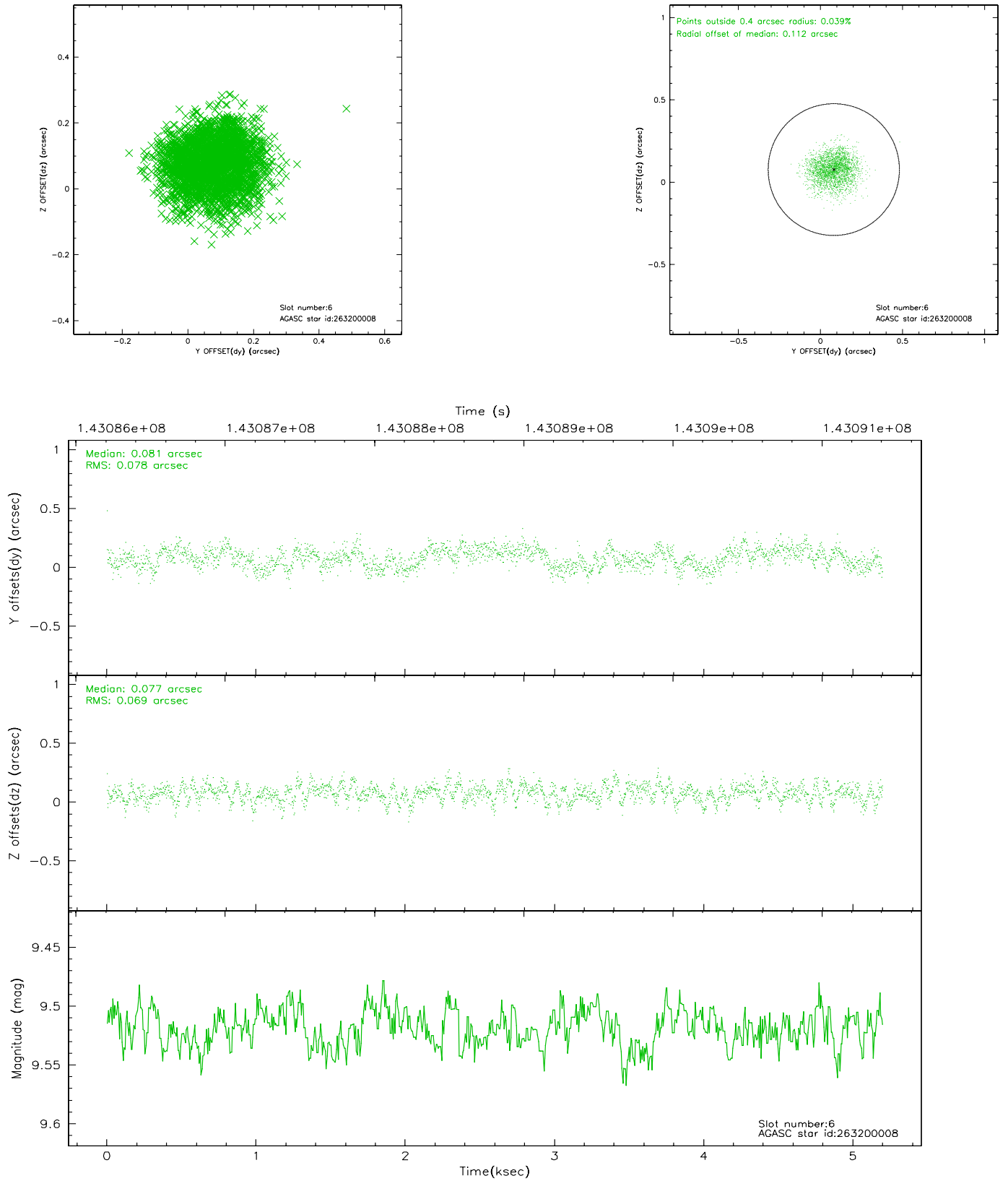
## 2.4.2 Slot 4



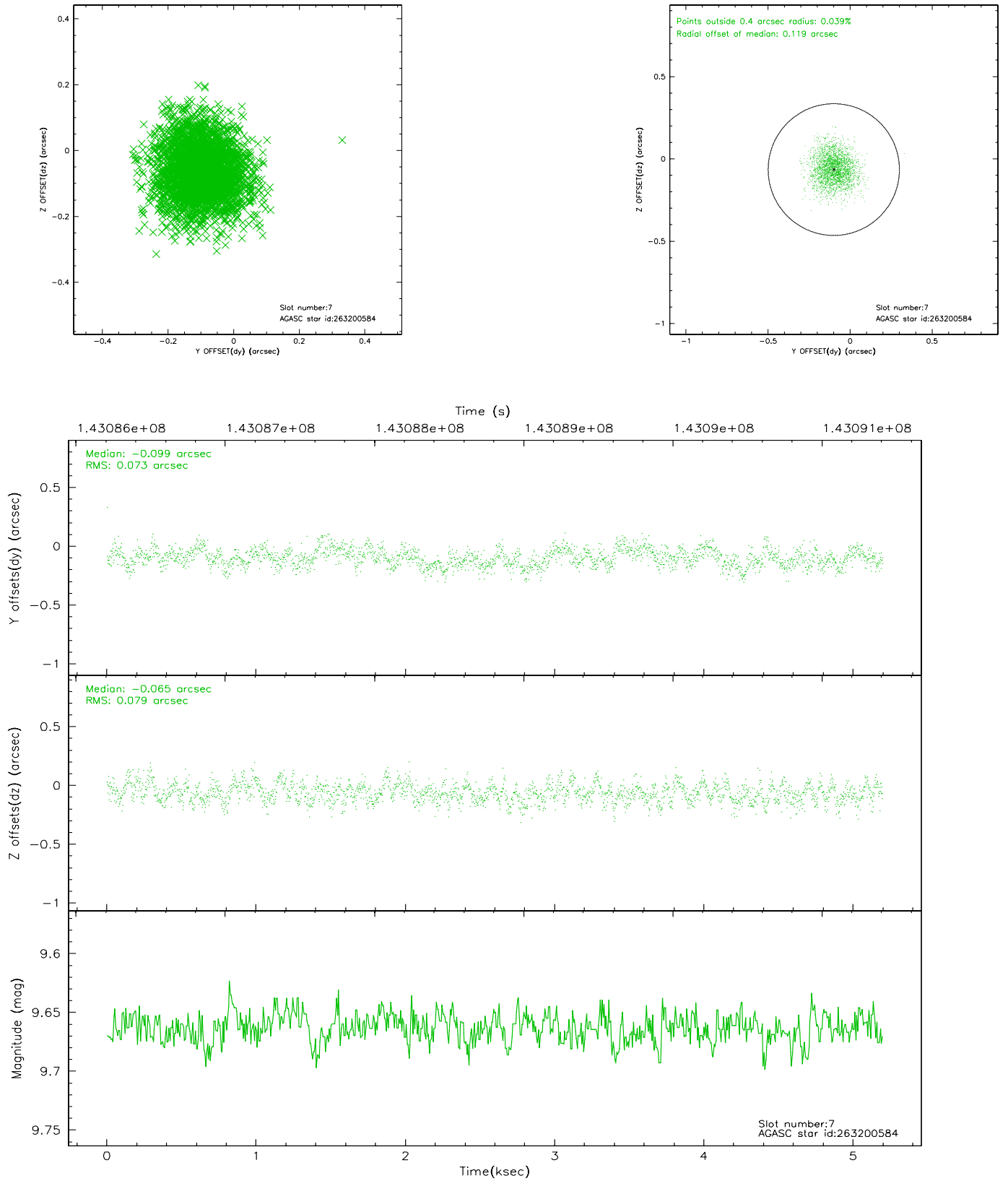
### 2.4.3 Slot 5



## 2.4.4 Slot 6

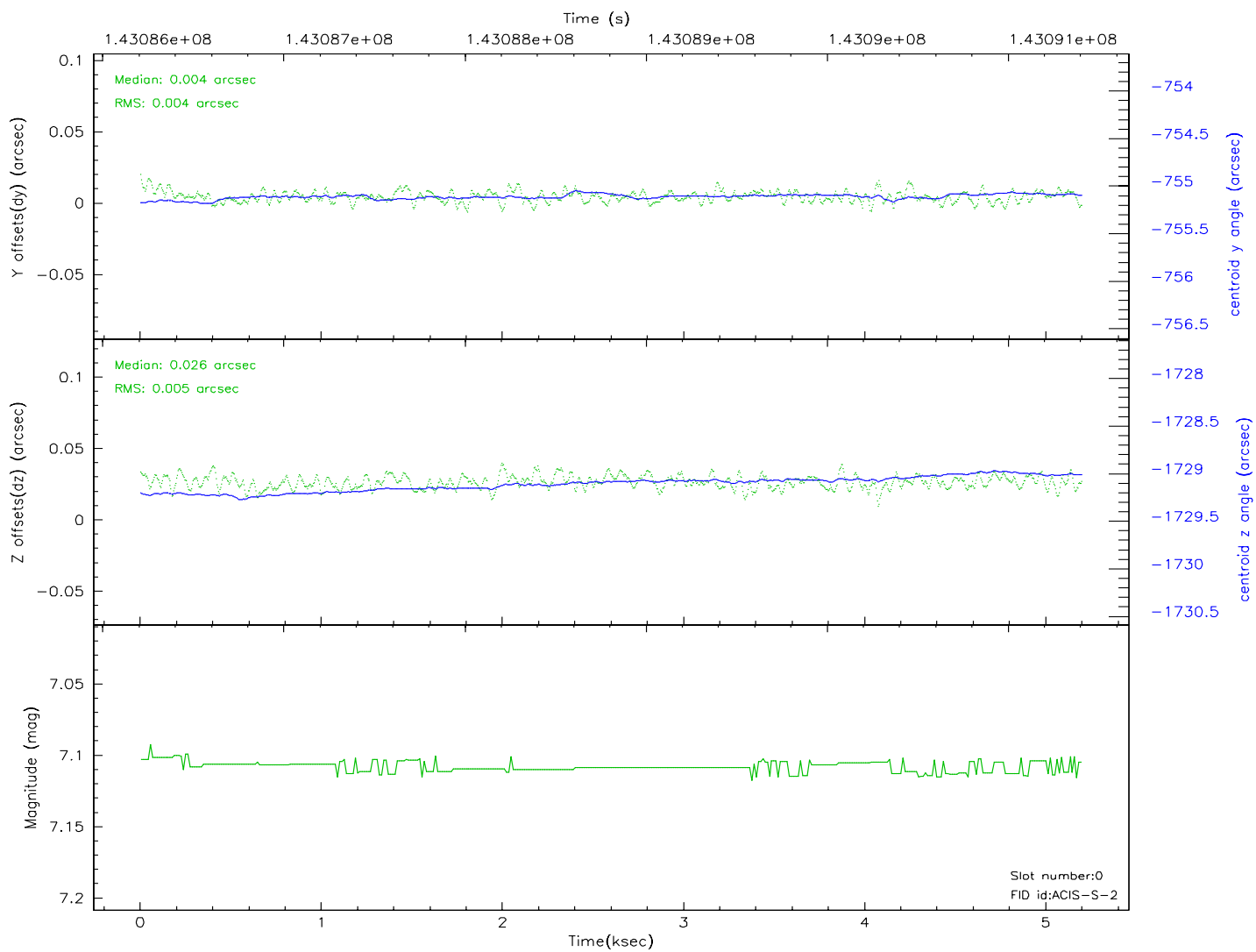
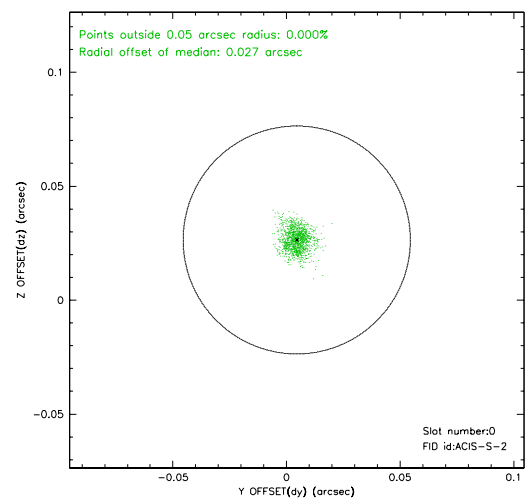
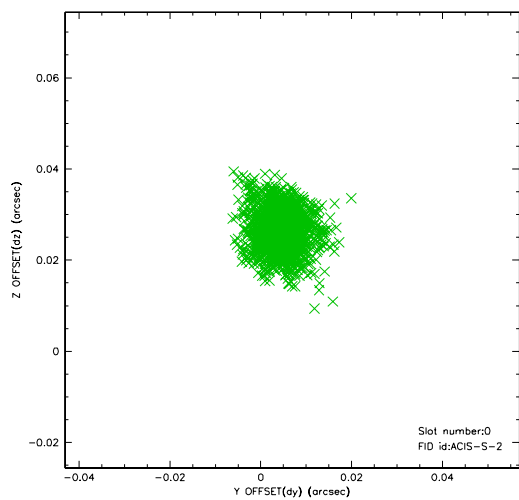


## 2.4.5 Slot 7

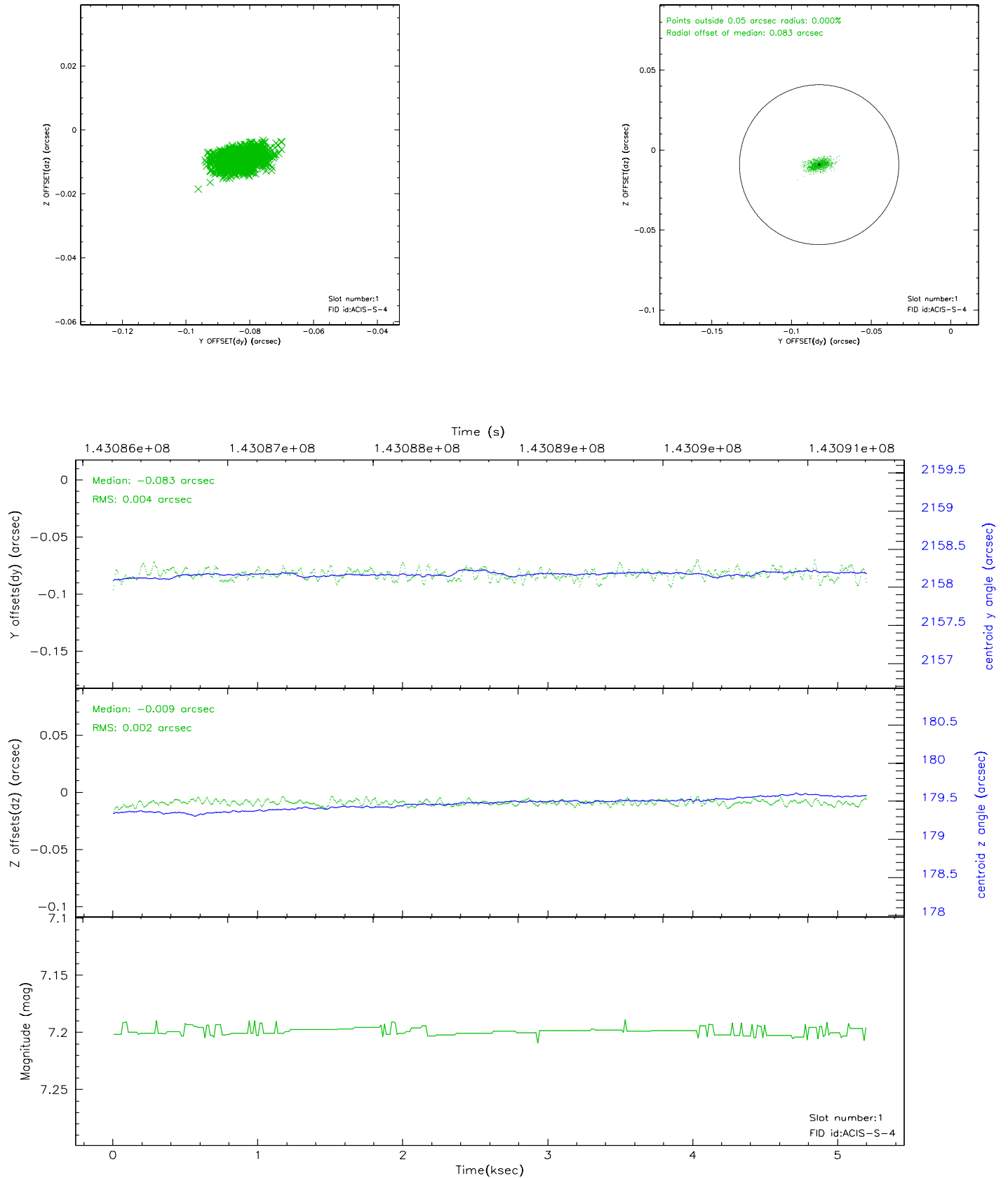


## 2.5 FID Slots

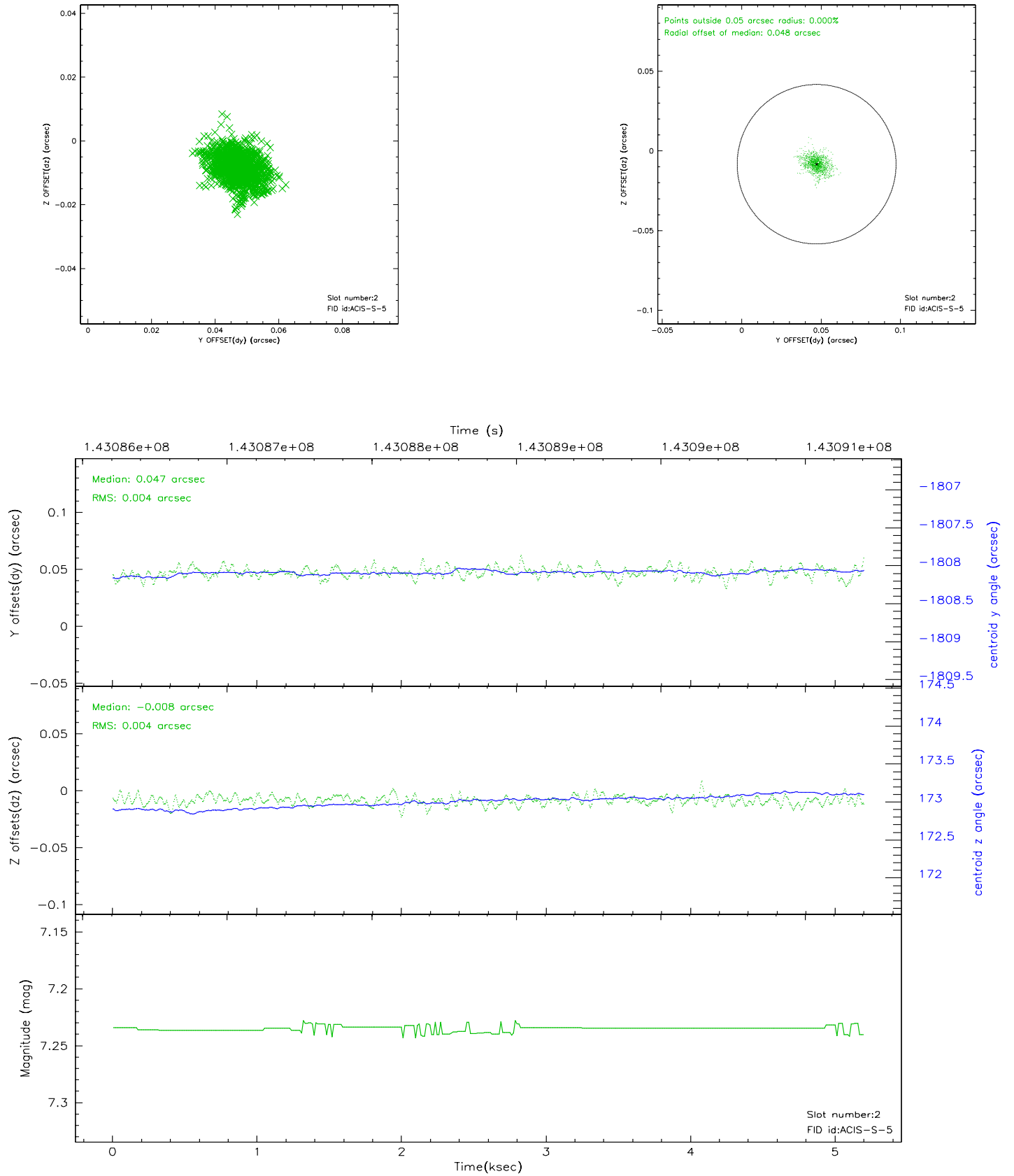
### 2.5.1 Slot 0



## 2.5.2 Slot 1

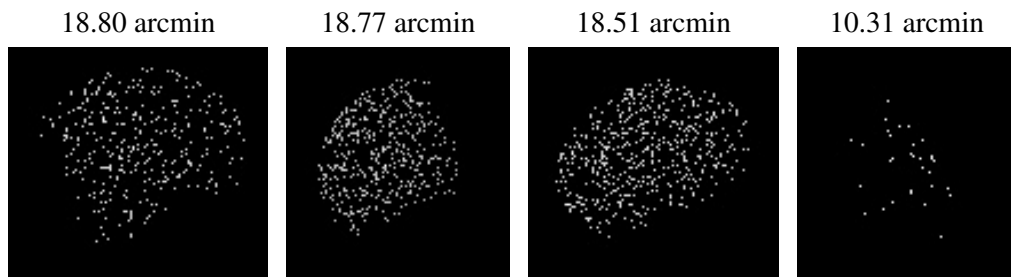


### 2.5.3 Slot 2





### 3 Point Sources



## A Summary

### A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.09.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.761

### A.2 Comments