

# V&V Reference Report

## L2 ASCDS Version : 7.6.9

Observation 3218 - L2 Version 001  
Chandra X-Ray Center

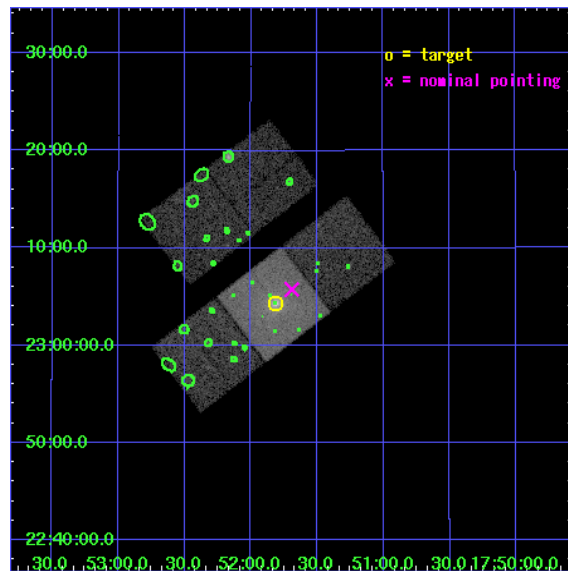
L2 Processing Date : Sep 16 2006

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# 1 Front

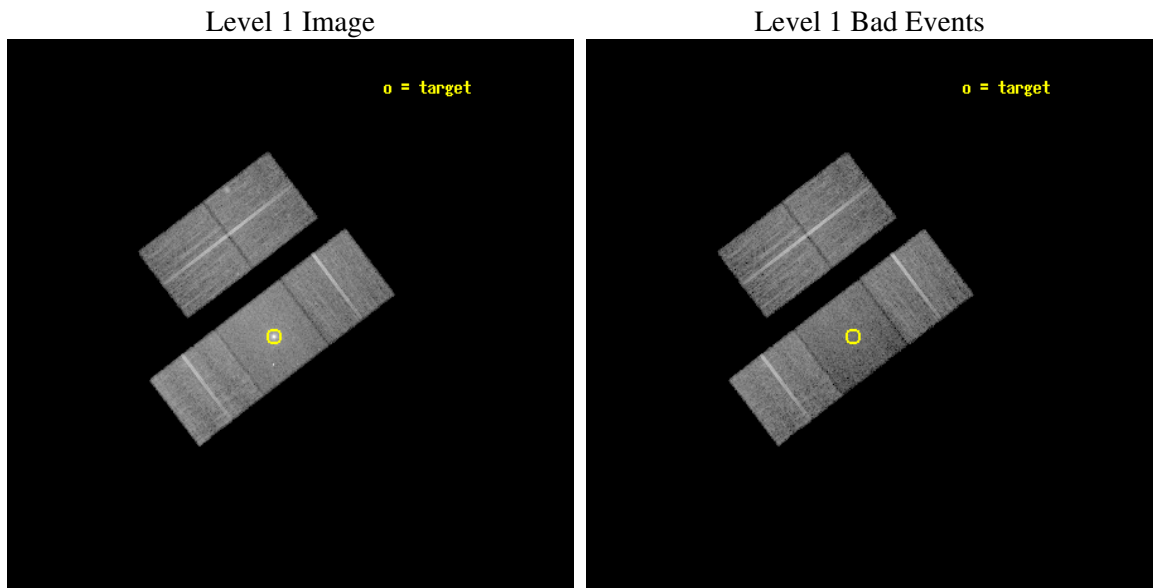
seq_num	800218
obs_id	3218
title	FOSSIL GROUPS IN THE LOCAL UNIVERSE
observer	Professor Trevor Ponman
object	NGC 6482
dtcycle	0
cycle	P
ra_targ	267.95375
dec_targ	23.071944
ra_nom	267.9226417626
dec_nom	23.096046904606
roll_nom	142.6264506571
revision	2
ontime	19604.399962306
livetime	19348.254044249
ontime2	19604.399962306
ontime3	19604.399962306
ontime6	19598.118021786
ontime7	19604.399962306
ontime8	19601.258992076
l2events	104893



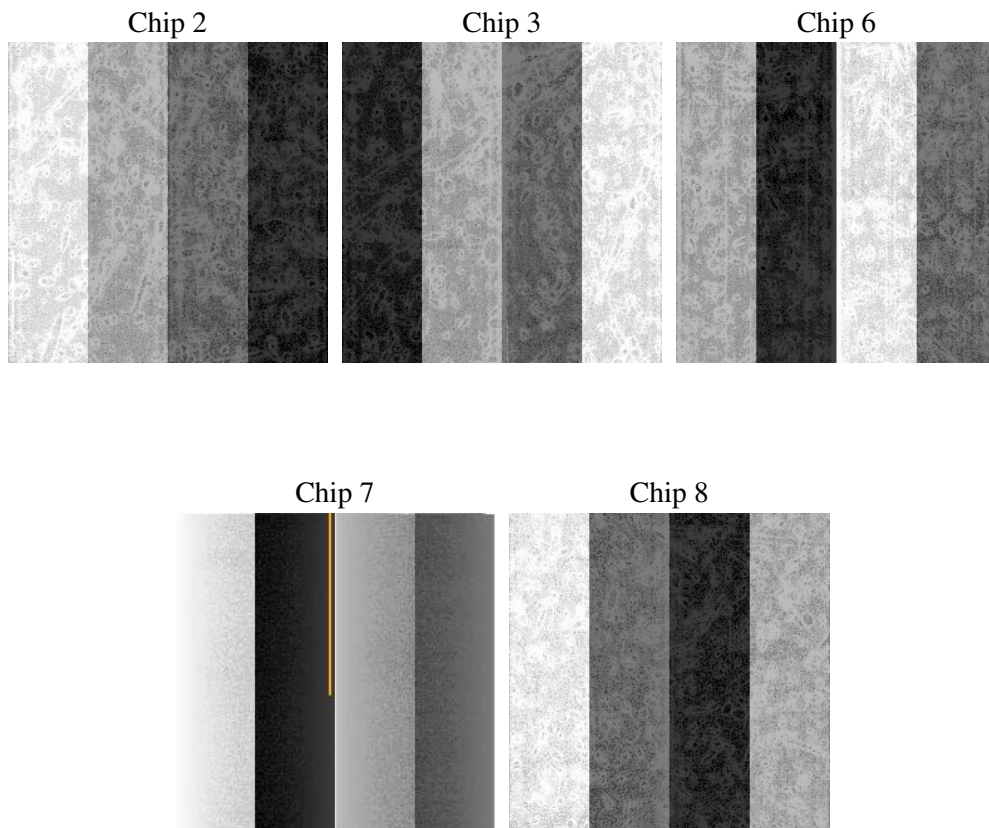
## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias



### 2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.3
date	2006-09-16T17:21:58
revision	2

sched_exp_time	19500.000000
ontime	19609.291690439
ontime2	19609.291690439
ontime3	19609.291690439
ontime6	19603.009729981
ontime7	19609.291690439
ontime8	19606.150720209
l1events	566117

### 2.1.4 Events

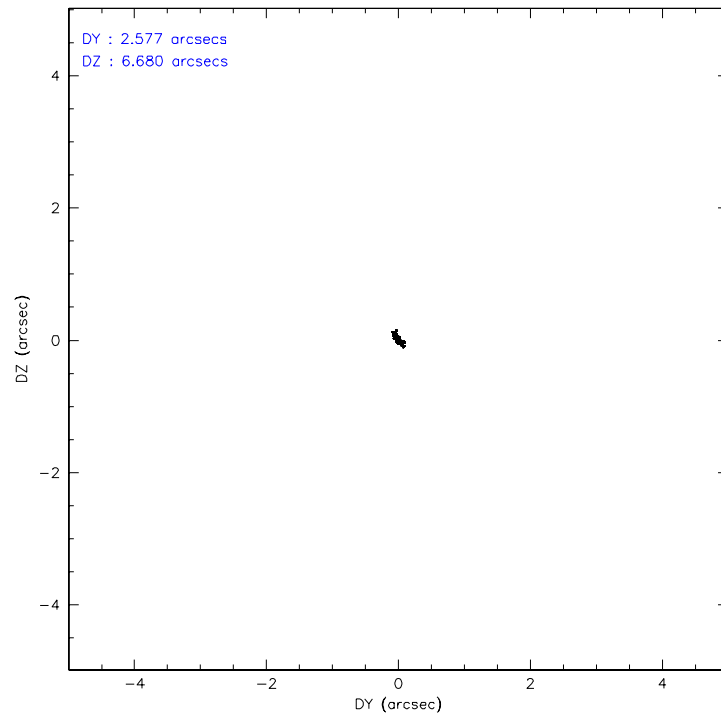
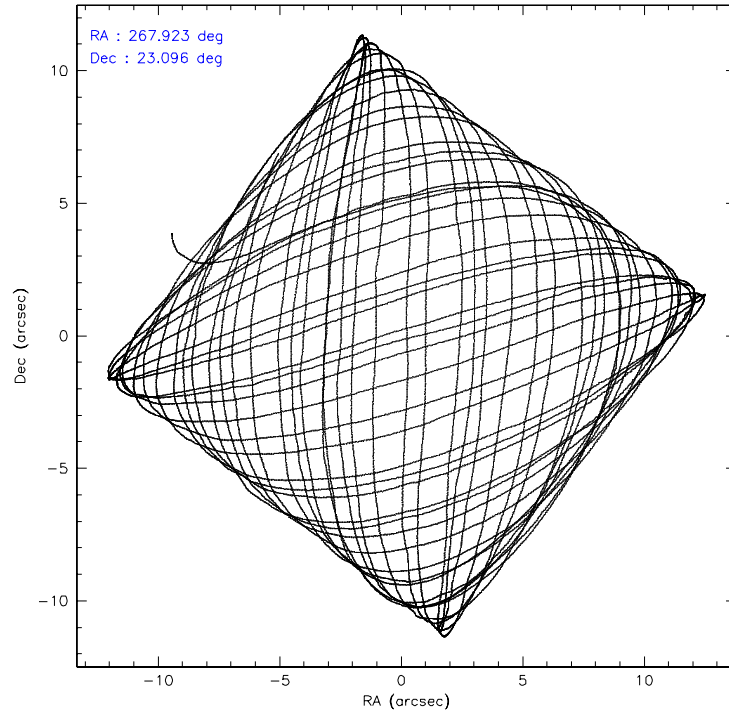
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
level 1 events	102886	103785	105257	123320	130869
rejected events	90032	91935	91855	63657	99848
rejected %	87%	88%	87%	51%	76%

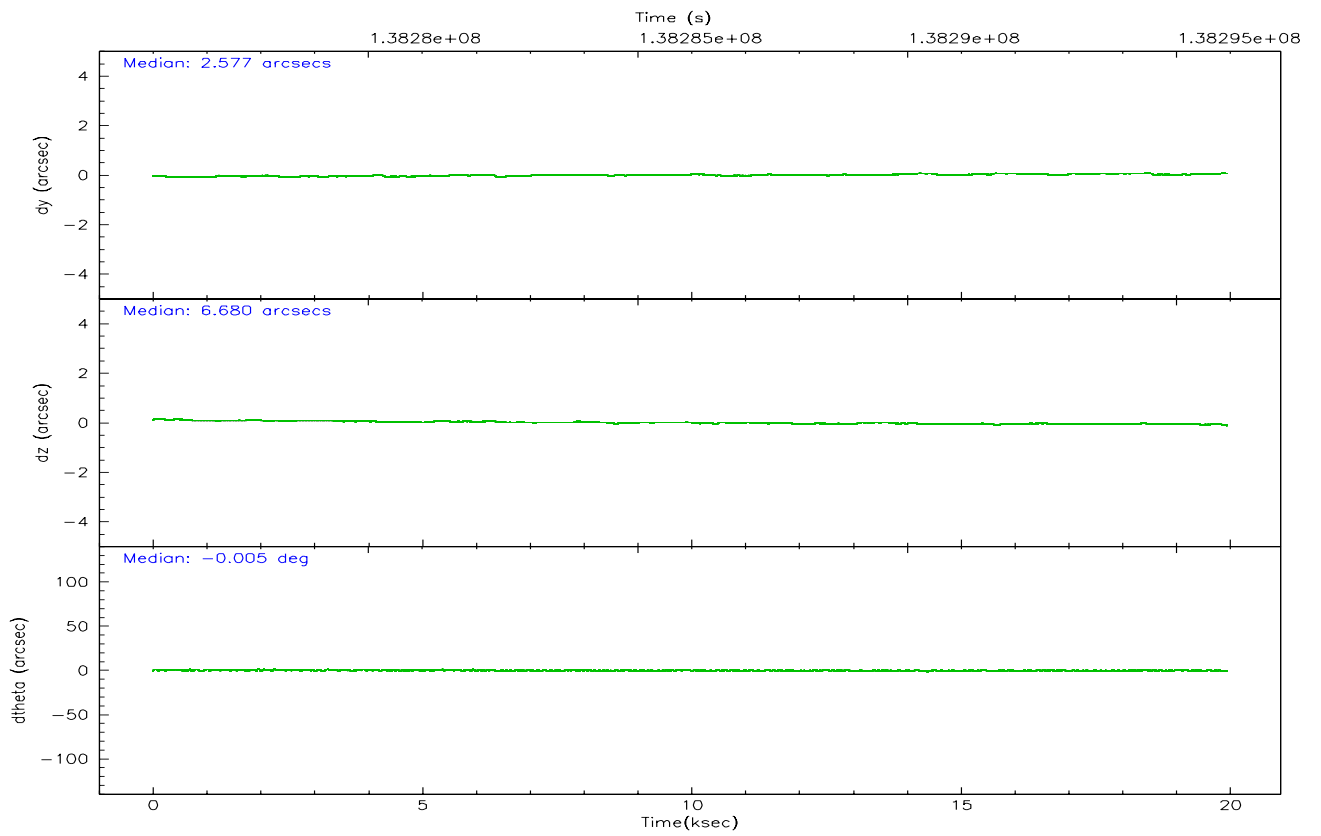
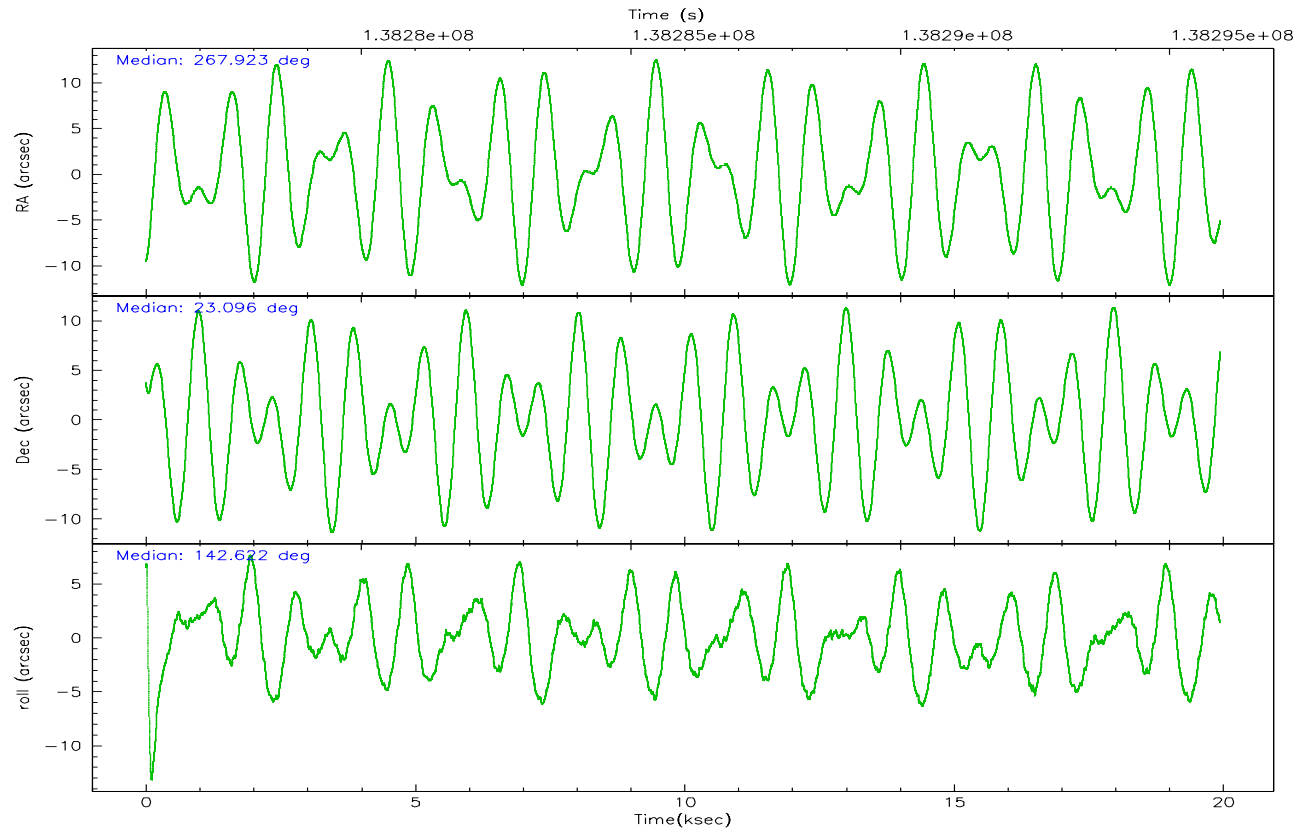
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
grade 0 events	5113	4365	4851	7405	9788
	4%	4%	4%	6%	7%
grade 1 events	44	45	50	54	87
	0%	0%	0%	0%	0%
grade 2 events	2594	2413	2634	15147	6485
	2%	2%	2%	12%	4%
grade 3 events	1239	1175	1303	4209	3372
	1%	1%	1%	3%	2%
grade 4 events	1245	1241	1357	4167	3082
	1%	1%	1%	3%	2%
grade 5 events	3050	3667	3869	8480	5231
	2%	3%	3%	6%	3%
grade 6 events	2666	2667	3266	28750	8330
	2%	2%	3%	23%	6%
grade 7 events	86935	88212	87927	55108	94494
	84%	84%	83%	44%	72%

## 2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-23678	ACIS-23678	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	267.952068	267.9226417625991	Subarray requested	NONE	NONE
Pointing Dec	23.092897	23.09604690460605	Alternating exposures requested	N	N
Pointing Roll	142.458263	142.626450657103	Primary exposure time	0.000000	3.1
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	138276436.184000	138275346.81204			
Observation start date	2002-05-20T10:06:12	2002-05-20T09:49:06			
Observation end time	138295936.184000	138296447.4629			
Observation end date	2002-05-20T15:31:12	2002-05-20T15:40:47			
Read mode	TIMED	TIMED			

## 2.3 Aspect





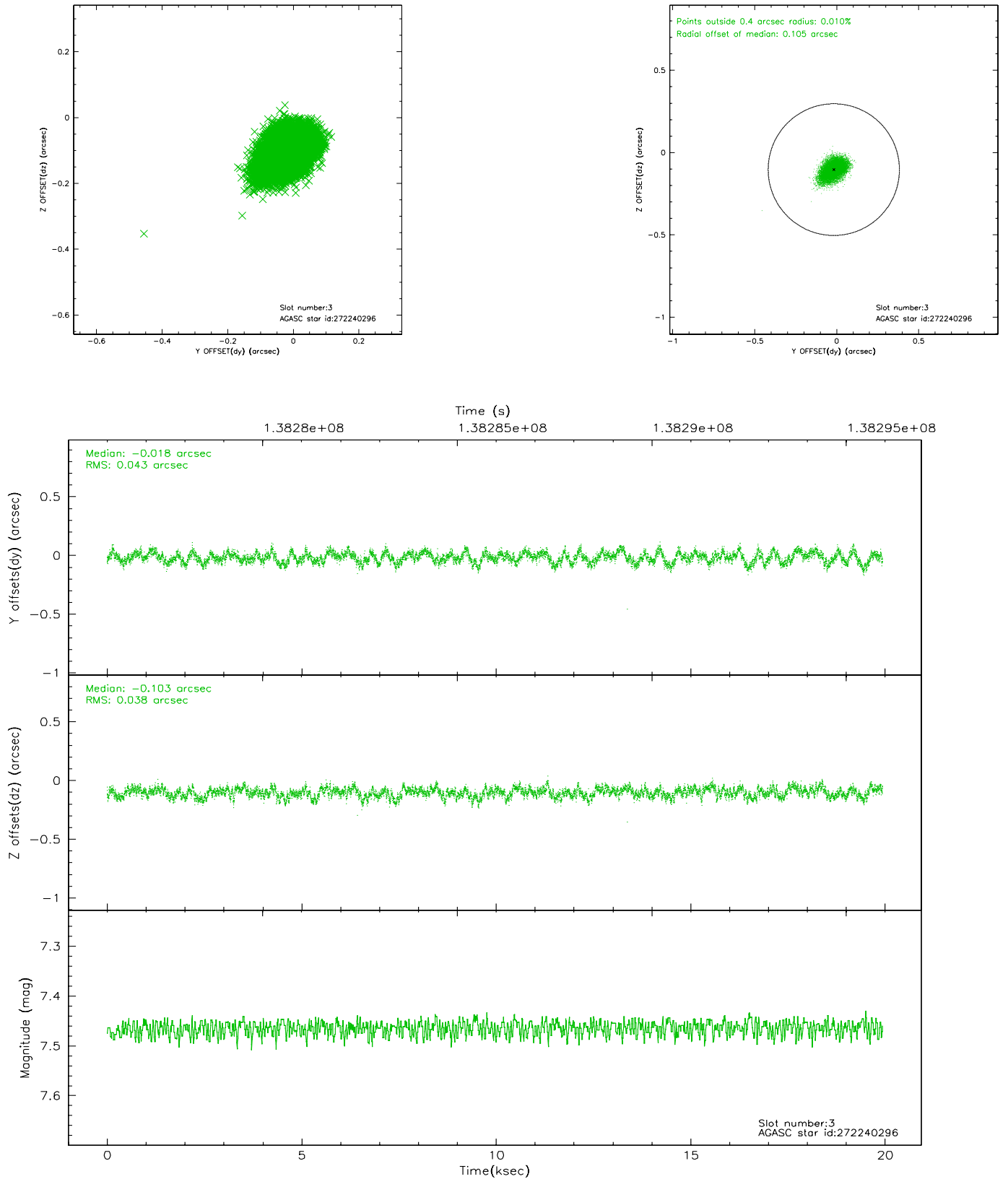
### Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.19	4864	0.002	-0.026	0.006	0.010	0.000000	0.000000	940.82	-1723.51
1	FID	ACIS-S-5	7.24	4865	0.031	0.018	0.006	0.010	0.000000	0.000000	-1808.03	173.92
2	FID	ACIS-S-6	7.35	4864	-0.055	0.019	0.007	0.012	0.000000	0.000000	406.13	818.08
3	GUIDE	272240296	7.46	9729	-0.018	-0.103	0.061	0.098	267.638660	23.255916	1180.09	165.46
4	GUIDE	272261632	8.37	9726	-0.188	-0.094	0.052	0.085	267.202505	22.973470	1711.53	1849.90
5	GUIDE	273947824	8.61	9726	-0.087	0.308	0.086	0.132	268.209705	23.776027	826.20	-2467.18
6	GUIDE	273948672	8.87	9726	0.076	0.120	0.085	0.136	268.631849	23.232305	-1473.93	-1772.56
7	GUIDE	205000152	9.81	9720	0.215	-0.228	0.141	0.229	267.973406	22.335042	-1719.03	2119.53

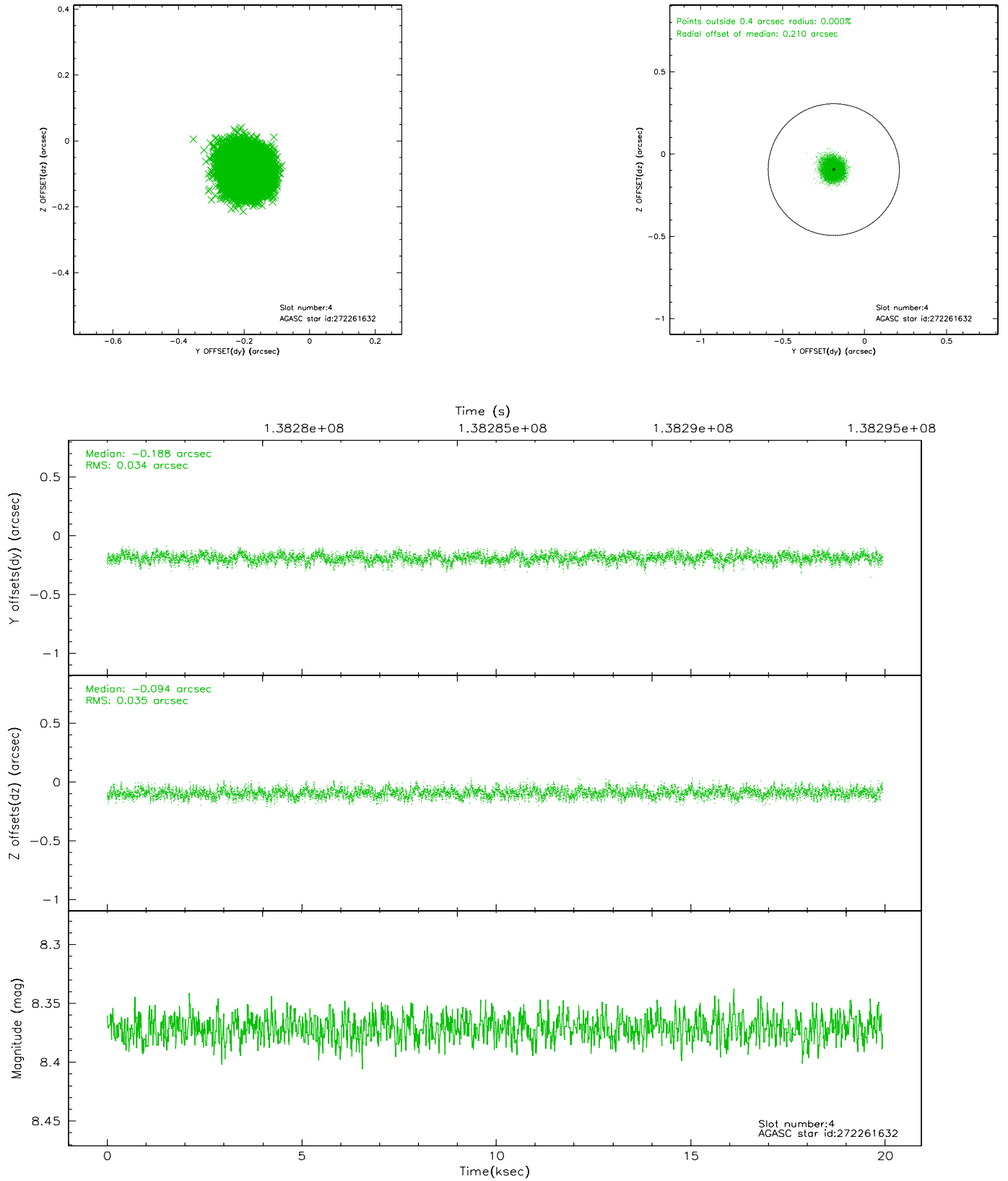


## 2.4 Star Slots

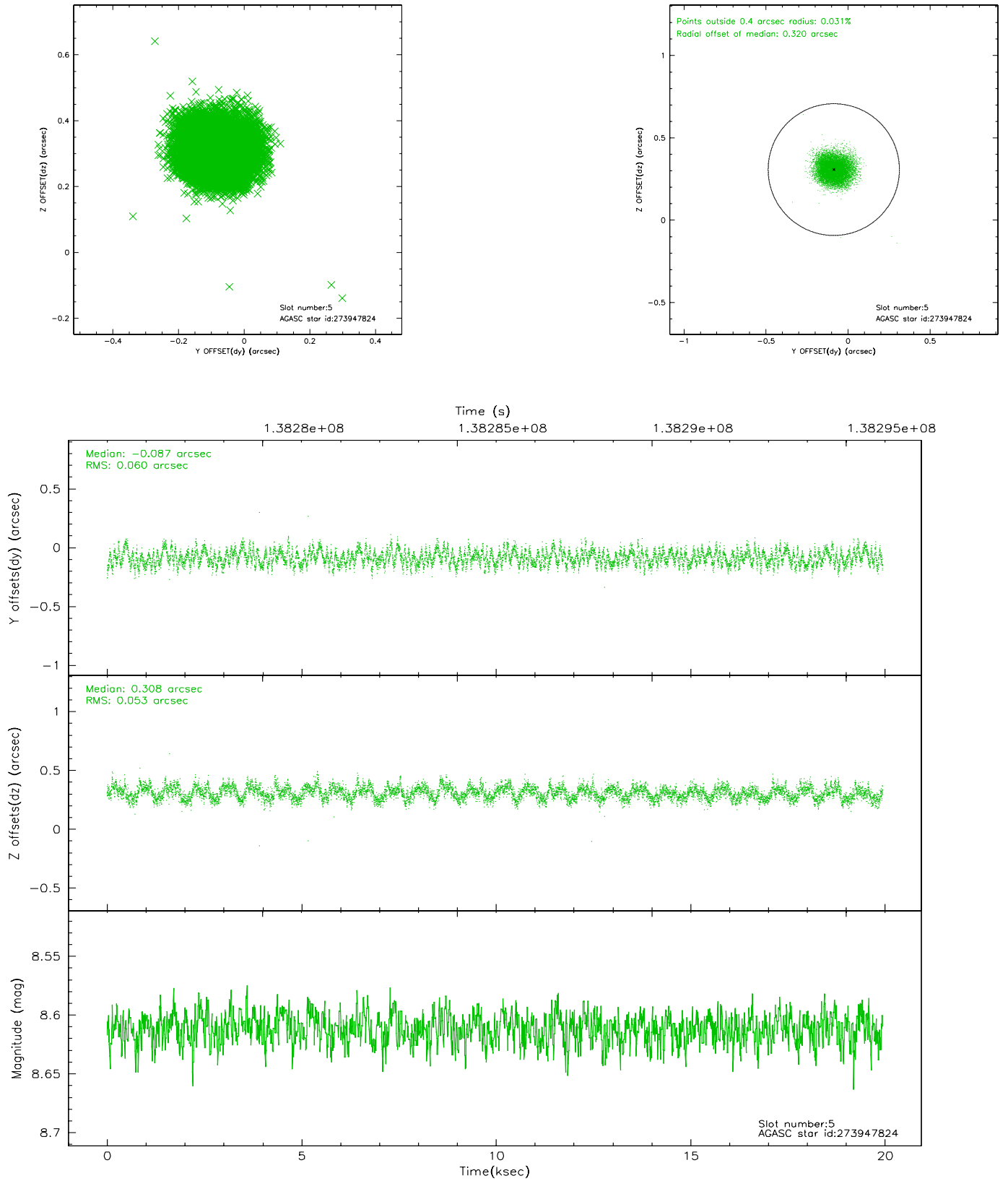
### 2.4.1 Slot 3



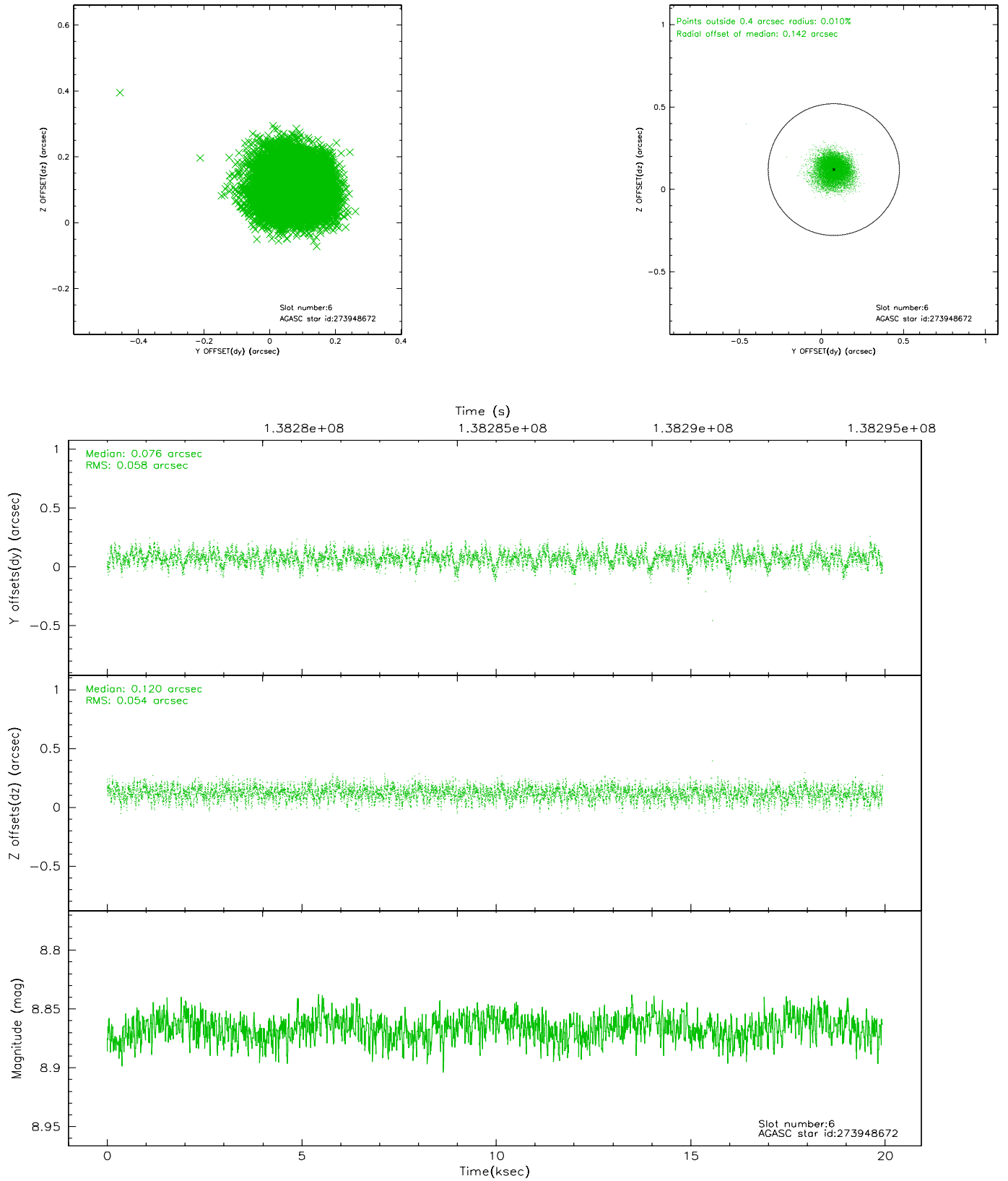
## 2.4.2 Slot 4



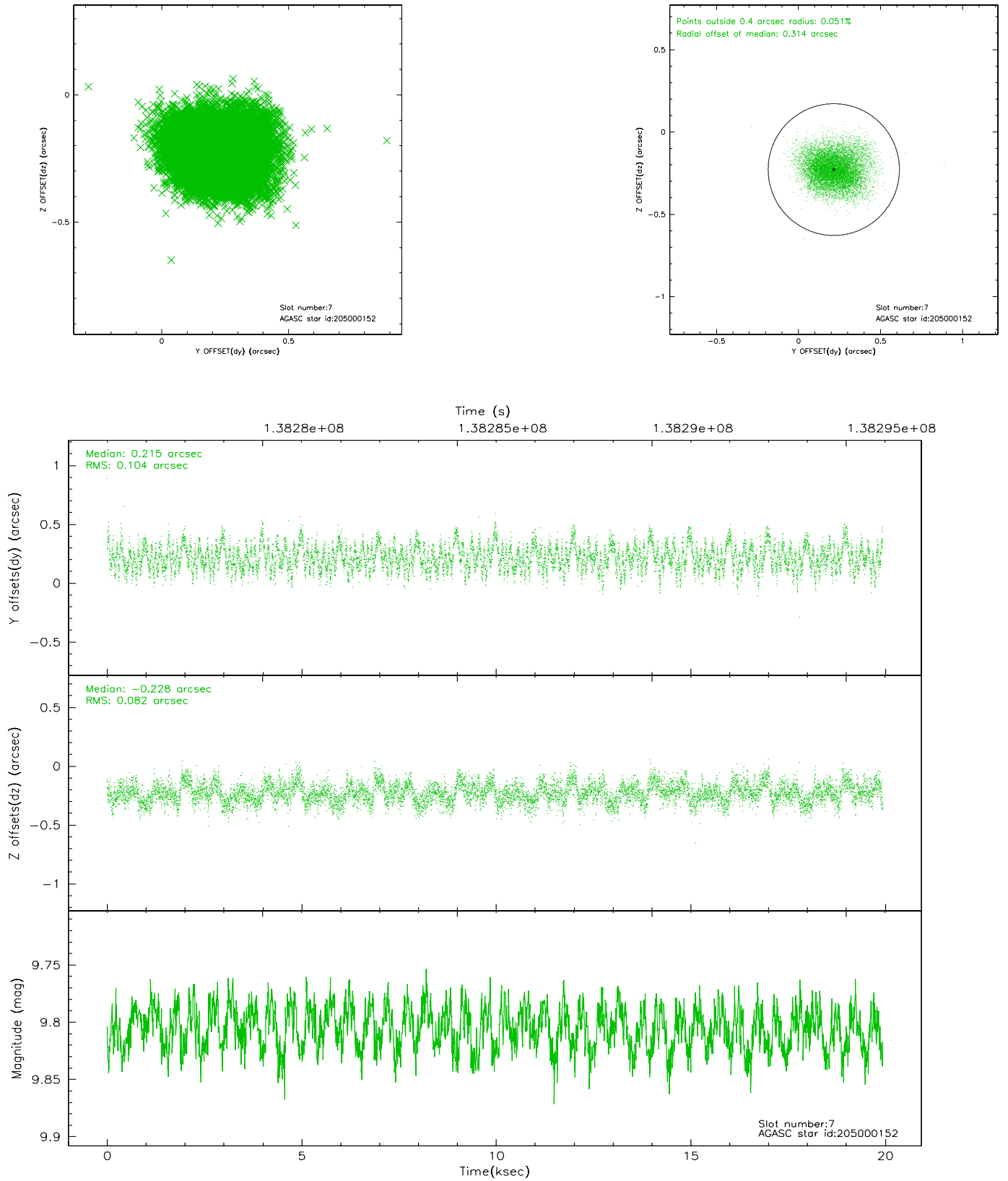
### 2.4.3 Slot 5



## 2.4.4 Slot 6

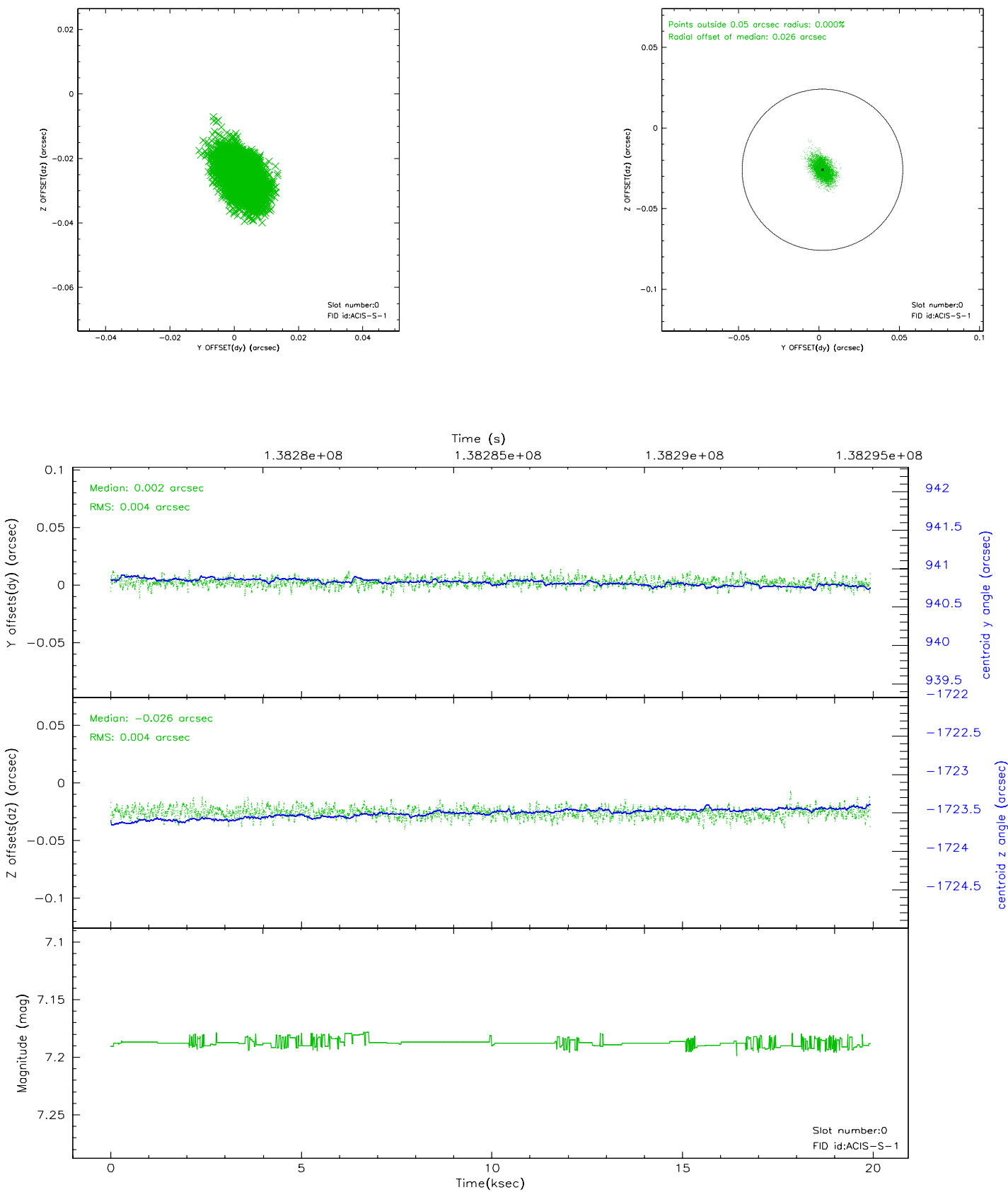


## 2.4.5 Slot 7

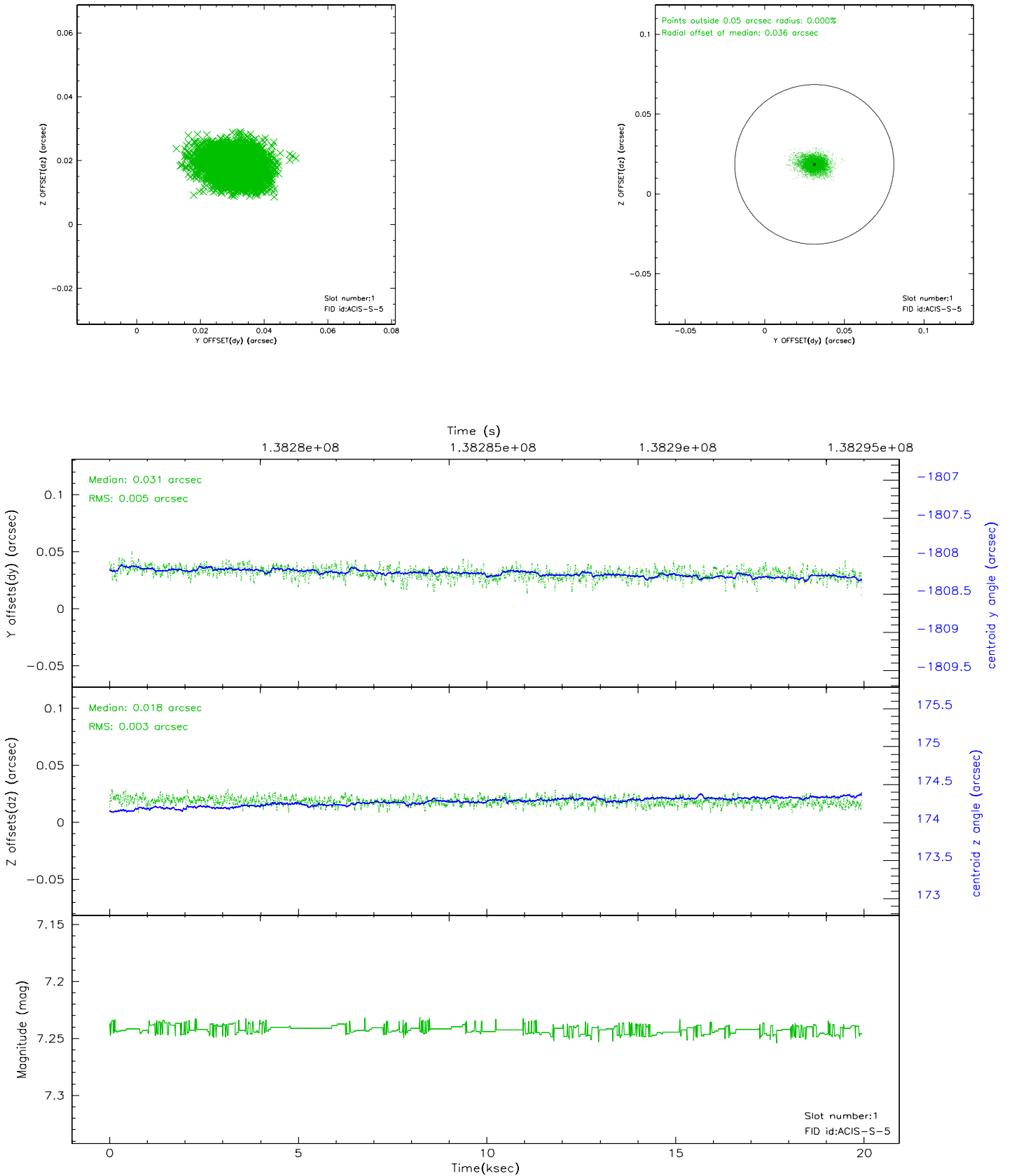


## 2.5 FID Slots

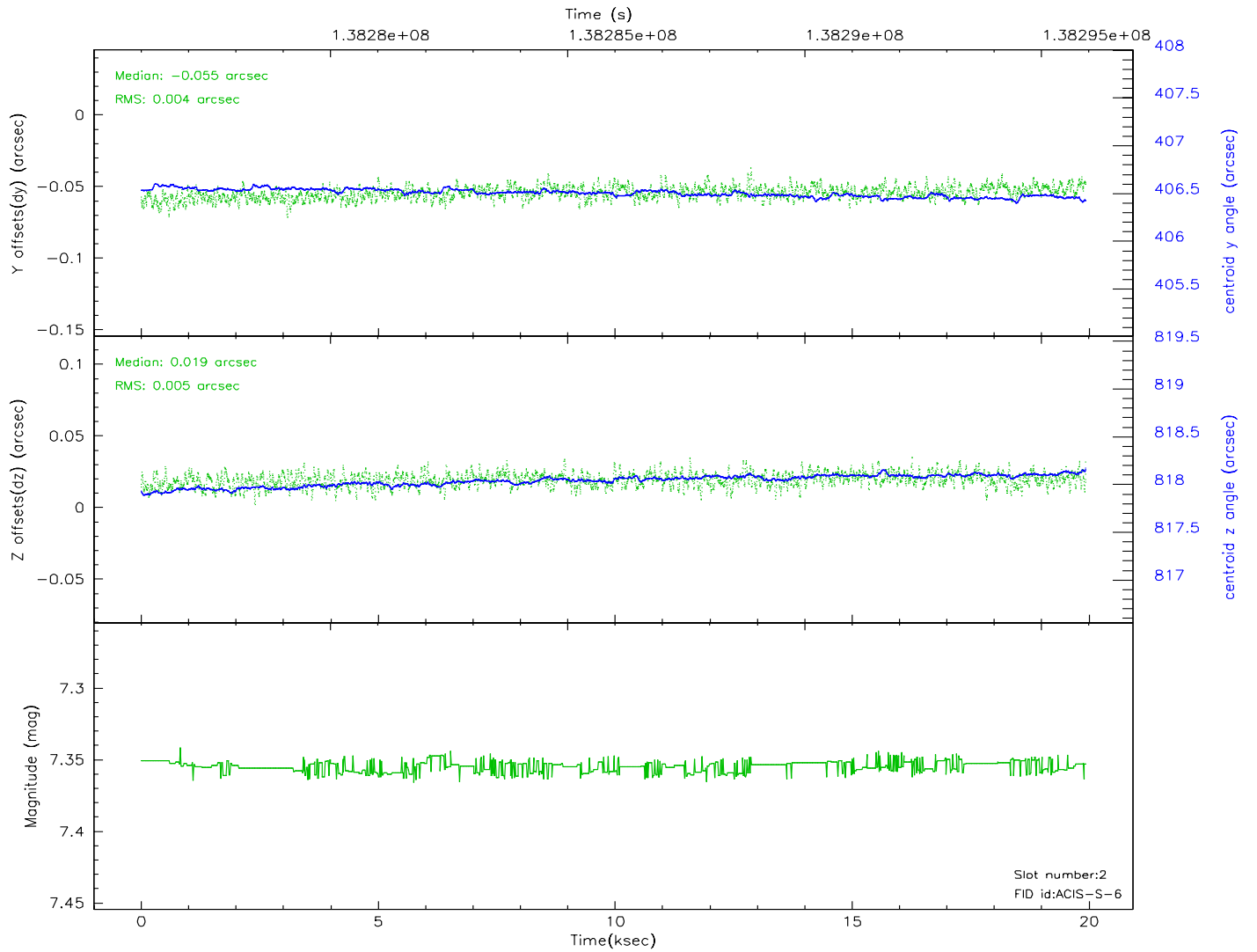
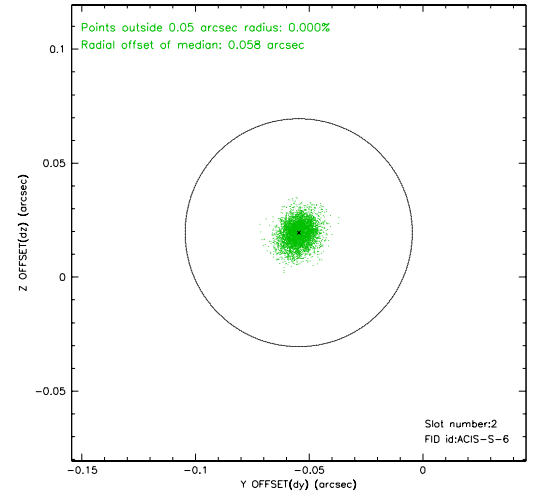
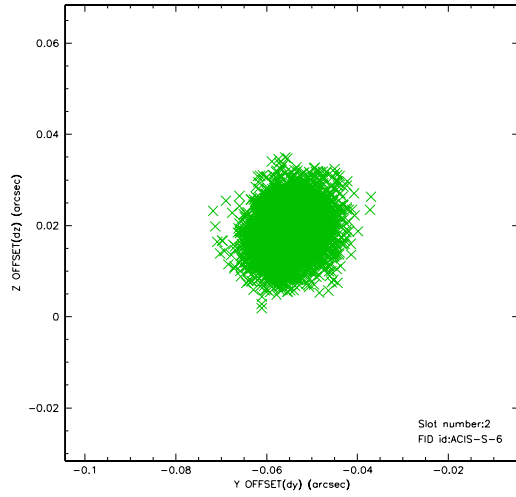
### 2.5.1 Slot 0



## 2.5.2 Slot 1

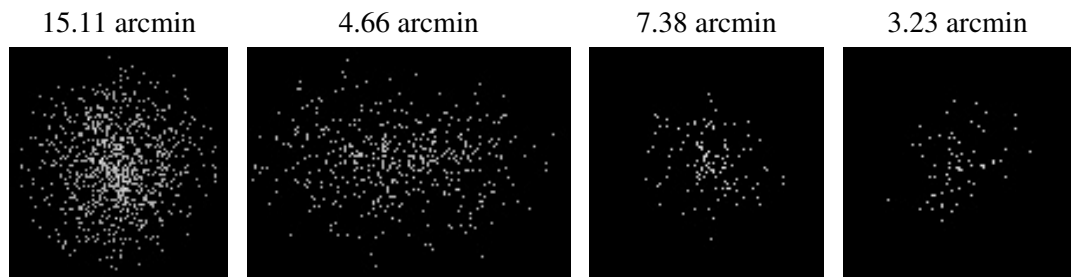


### 2.5.3 Slot 2





### 3 Point Sources



## A Summary

### A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.09.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	19.607

### A.2 Comments