

# V&V Reference Report

## L2 ASCDS Version : 7.6.8.1

Observation 3236 - L2 Version 001  
Chandra X-Ray Center

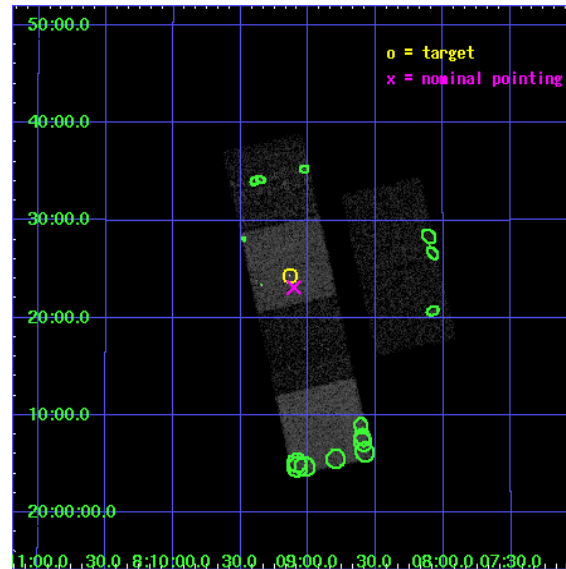
L2 Processing Date : Sep 2 2006

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# 1 Front

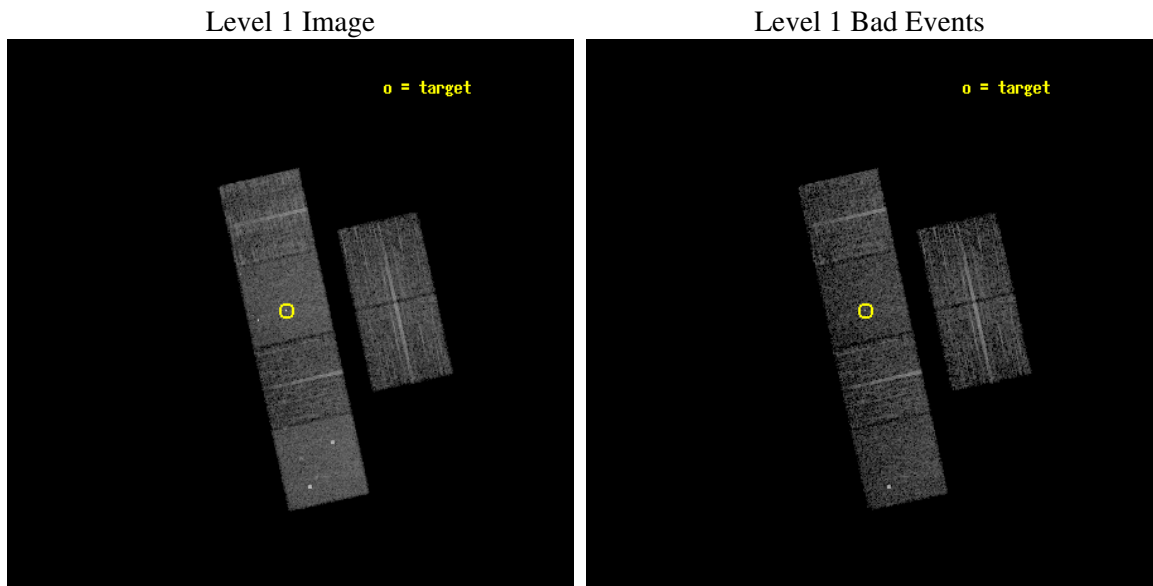
seq_num	800236
obs_id	3236
title	SEARCH FOR HOT PRIMORDIAL GAS IN A FAILED CLUSTER OF GALAXIES CANDIDATE 0806+20
observer	DR KIYOSHI HAYASHIDA
object	0806+20
dtcycle	0
cycle	P
ra_targ	122.283333
dec_targ	20.405556
ra_nom	122.27662084033
dec_nom	20.38554914932
roll_nom	257.51969474374
revision	2
ontime	4588.8000042737
livetime	4530.6938555759
ontime2	4588.8000042737
ontime3	4588.8000042737
ontime5	4588.8000042737
ontime6	4588.8000042737
ontime7	4588.8000042737
ontime8	4588.8000042737
l2events	50802



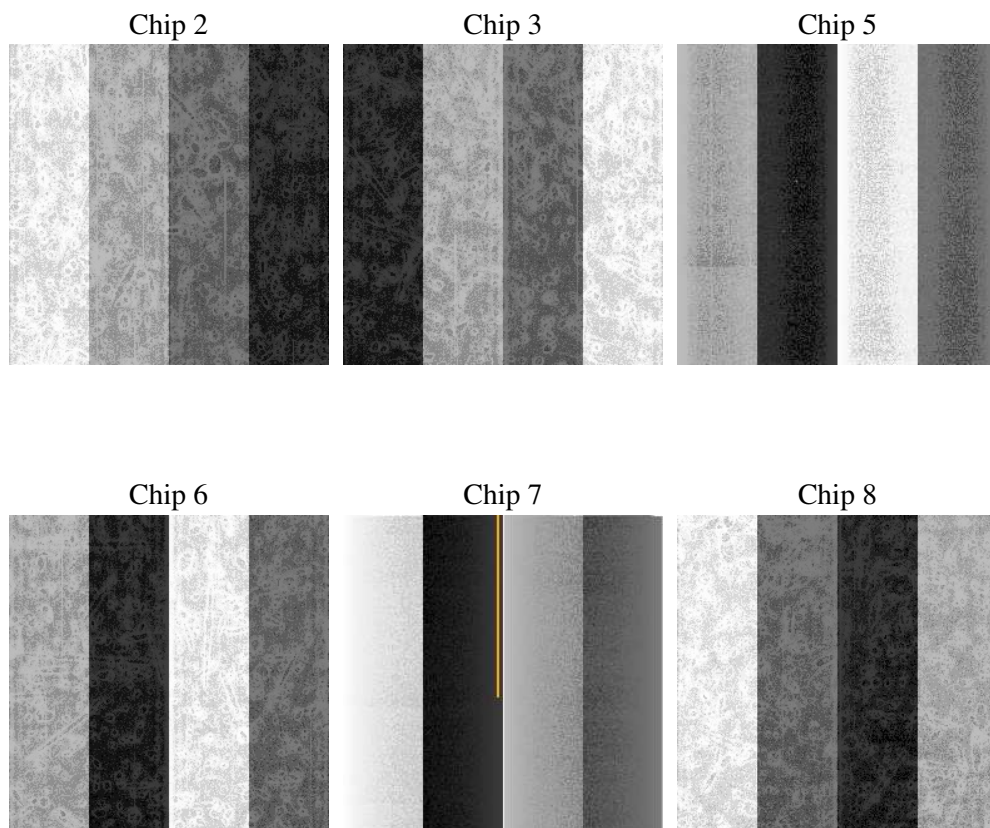
## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias



### 2.1.3 Parameters

obi_num	0
ascdsver	7.6.8.1
caldsver	3.2.3
date	2006-09-02T14:05:42
revision	2

sched_exp_time	4600.000000
ontime	4592.4971656501
ontime2	4592.4971656501
ontime3	4592.4971656501
ontime5	4592.4971656501
ontime6	4592.4971656501
ontime7	4592.4971656501
ontime8	4592.4971656501
l1events	231200

### 2.1.4 Events

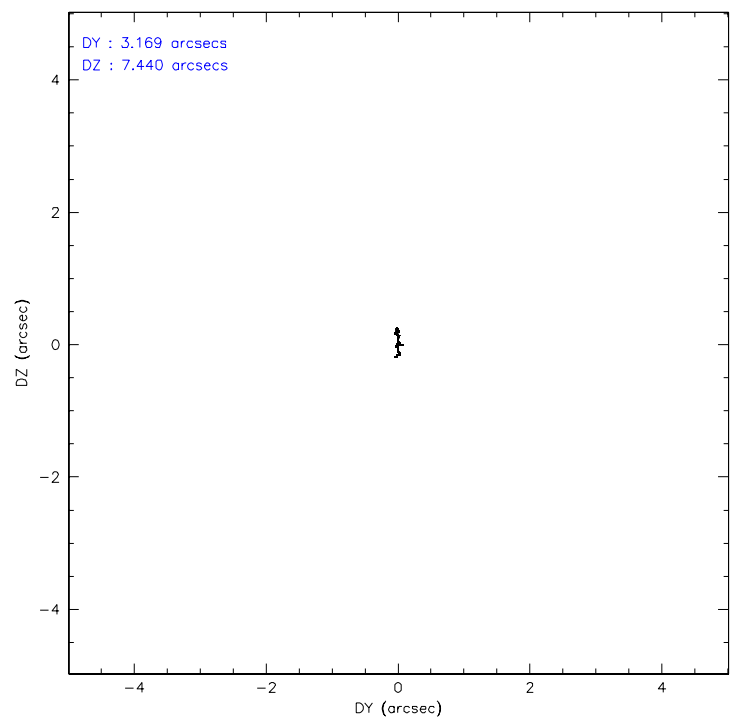
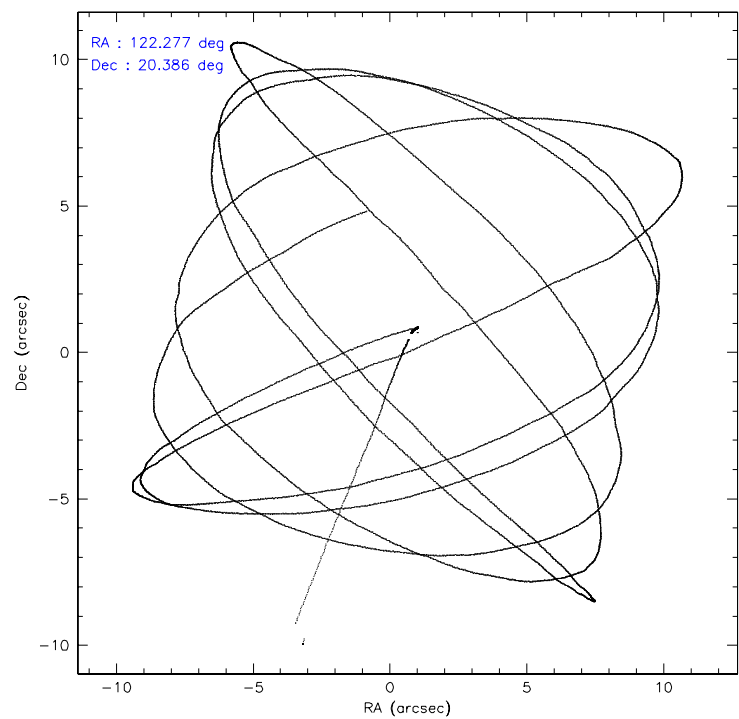
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	34013	32424	46688	31813	42862	43400
rejected events	29986	28578	25959	27723	25412	32066
rejected %	88%	88%	55%	87%	59%	73%

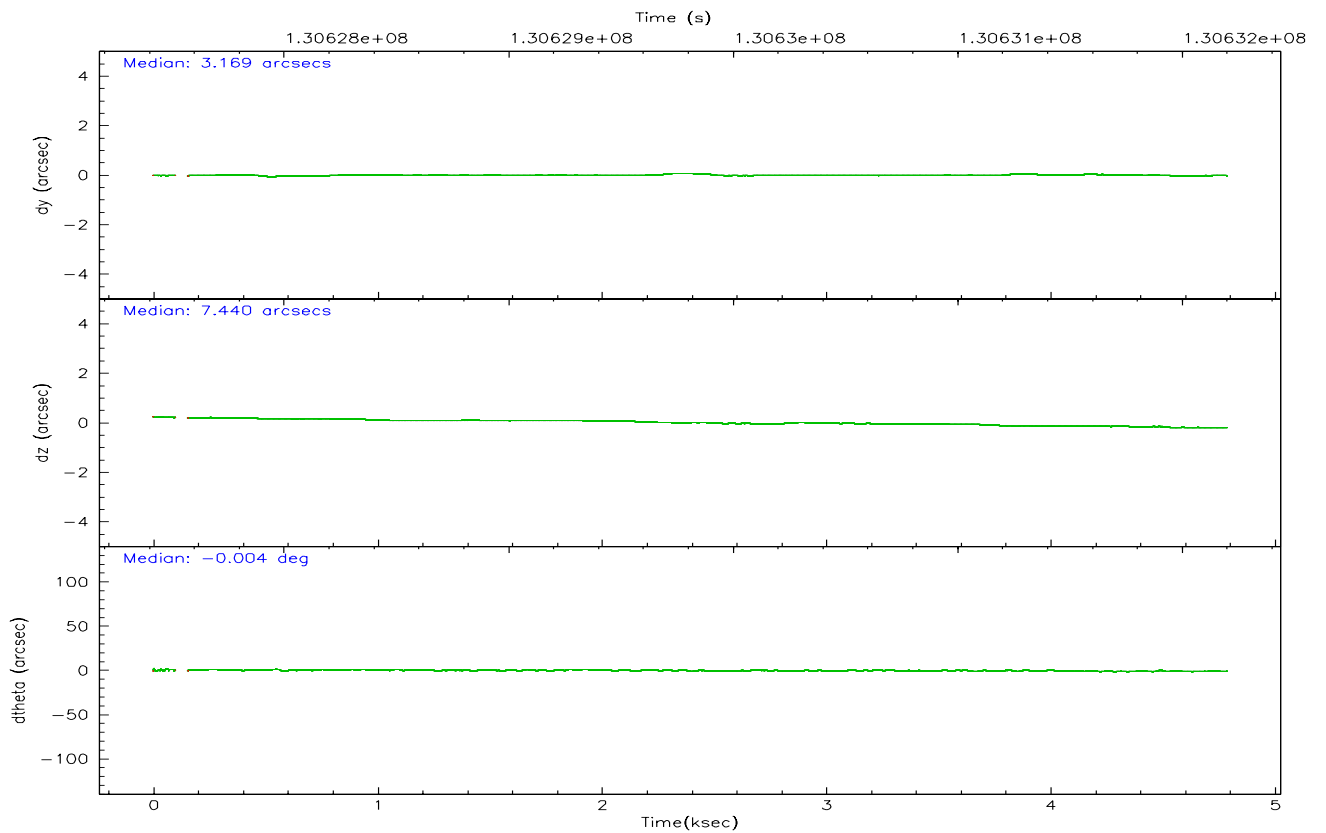
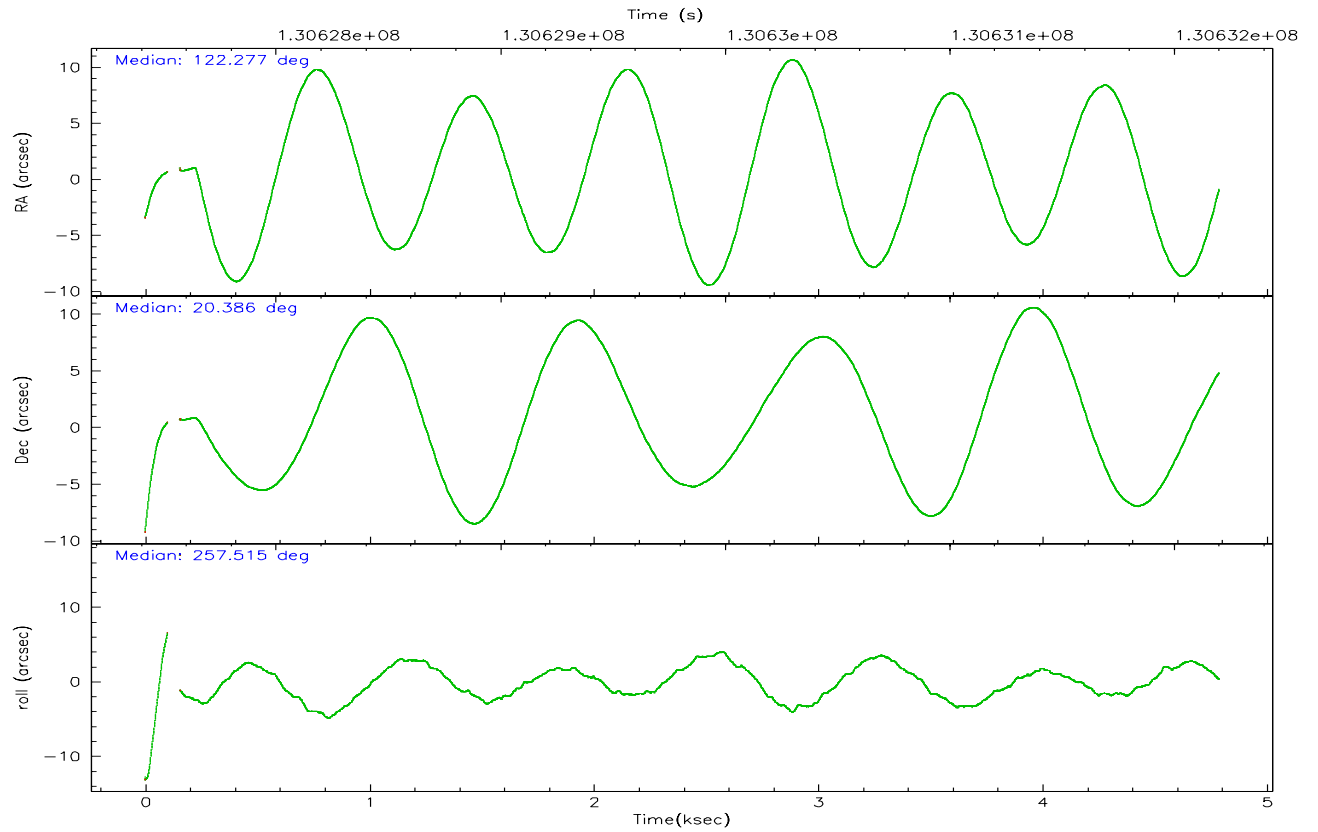
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	1738	1605	2063	1613	1441	3759
	5%	4%	4%	5%	3%	8%
grade 1 events	14	19	41	10	42	39
	0%	0%	0%	0%	0%	0%
grade 2 events	865	836	6524	929	4309	2124
	2%	2%	13%	2%	10%	4%
grade 3 events	337	347	458	365	979	1542
	0%	1%	0%	1%	2%	3%
grade 4 events	354	331	488	375	924	1371
	1%	1%	1%	1%	2%	3%
grade 5 events	1092	1123	2824	1348	2857	1774
	3%	3%	6%	4%	6%	4%
grade 6 events	735	728	11215	813	9811	2538
	2%	2%	24%	2%	22%	5%
grade 7 events	28878	27435	23075	26360	22499	30253
	84%	84%	49%	82%	52%	69%

## 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	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	122.267648	122.2766208403265	Alternating exposures requested	N	N
Pointing Dec	20.411580	20.38554914931958	Primary exposure time	0.000000	3.2
Pointing Roll	257.366234	257.5196947437398			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1425803651734			
SIM translation stage offset (mm)	0	0.01005778216563158			
Observation start time	130627602.184000	130626619.68893			
Observation start date	2002-02-20T21:25:38	2002-02-20T21:10:19			
Observation end time	130632202.184000	130632947.01419			
Observation end date	2002-02-20T22:42:18	2002-02-20T22:55:47			
Read mode	TIMED	TIMED			

## 2.3 Aspect





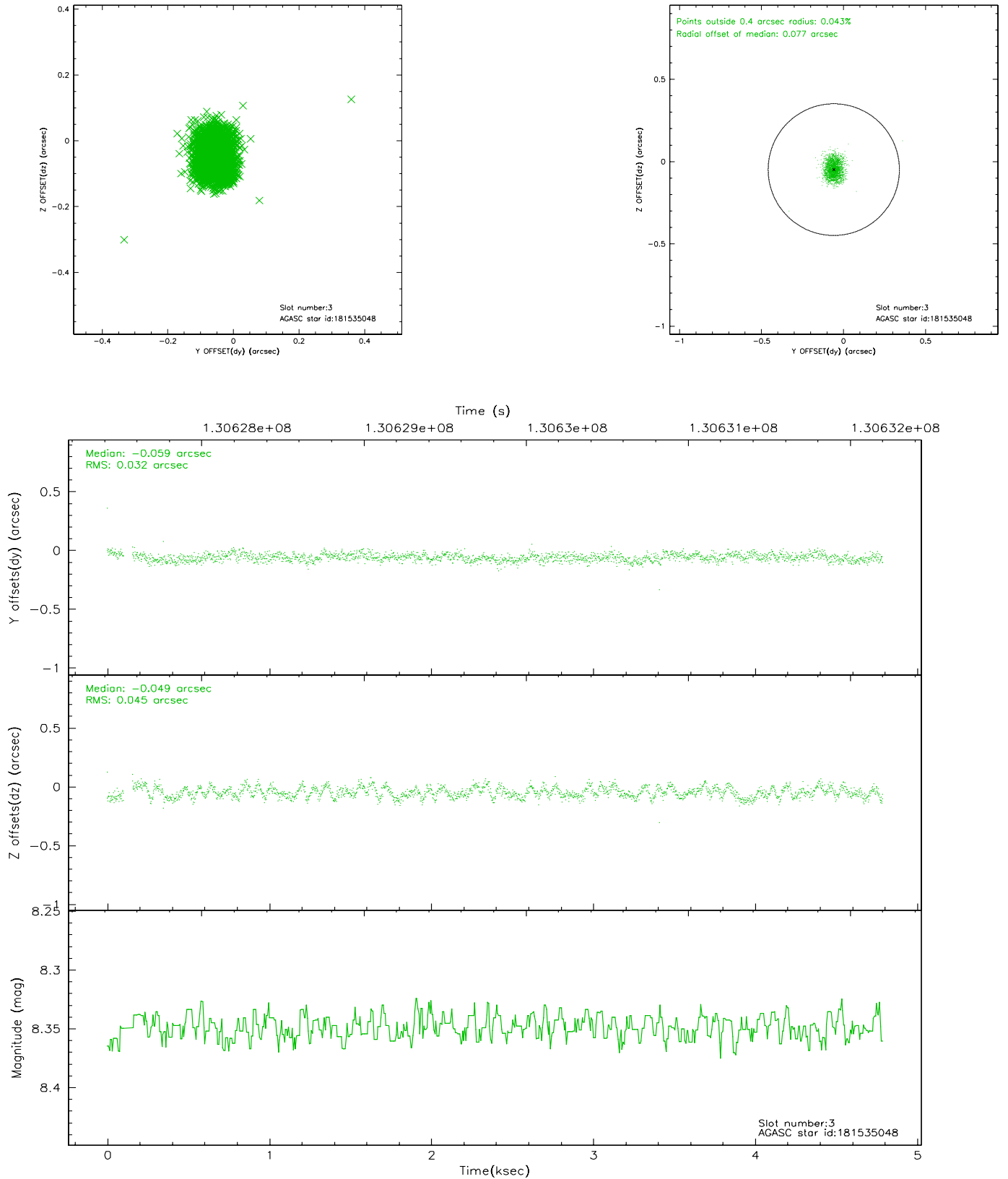
### Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	1156	0.007	0.029	0.007	0.012	0.000000	0.000000	-755.81	-1728.55
1	FID	ACIS-S-4	7.20	1155	-0.075	-0.011	0.005	0.010	0.000000	0.000000	2156.80	178.55
2	FID	ACIS-S-5	7.24	1155	0.036	-0.008	0.006	0.011	0.000000	0.000000	-1806.95	173.71
3	GUIDE	181535048	8.35	2310	-0.059	-0.049	0.058	0.092	122.122321	20.599673	-553.52	-625.92
4	GUIDE	182074520	9.08	2310	-0.099	0.060	0.074	0.122	122.724004	20.779022	-1628.91	1208.96
5	GUIDE	181541704	8.92	2310	0.117	-0.073	0.073	0.115	122.163663	19.770719	2327.92	161.65
6	GUIDE	181412272	7.83	2310	0.040	0.061	0.060	0.095	121.858630	19.817658	2389.26	-884.19
7	MONITOR		0.00	0	0.000	0.000	0.000	0.000	0.000000	0.000000	0.00	0.00

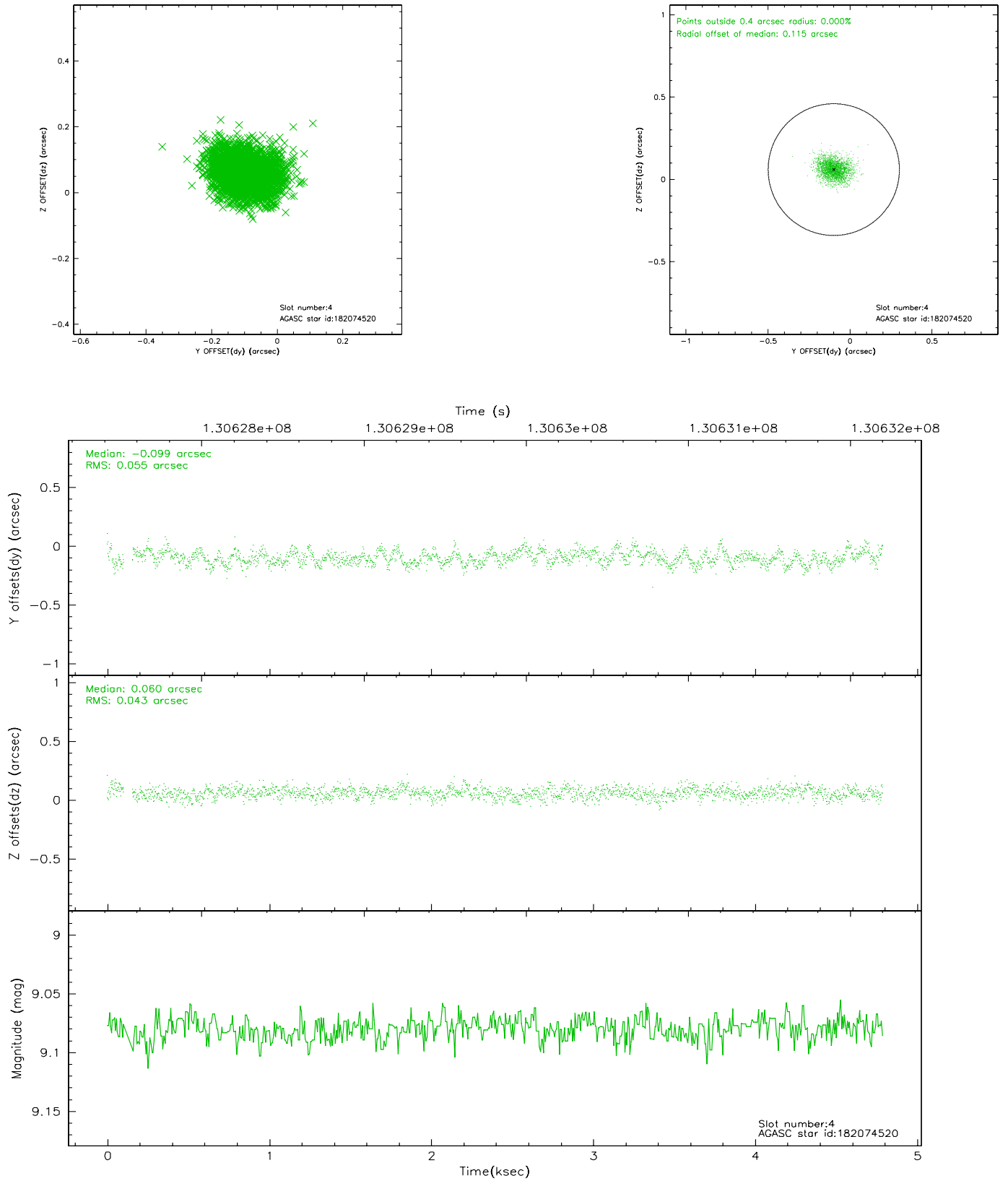


## 2.4 Star Slots

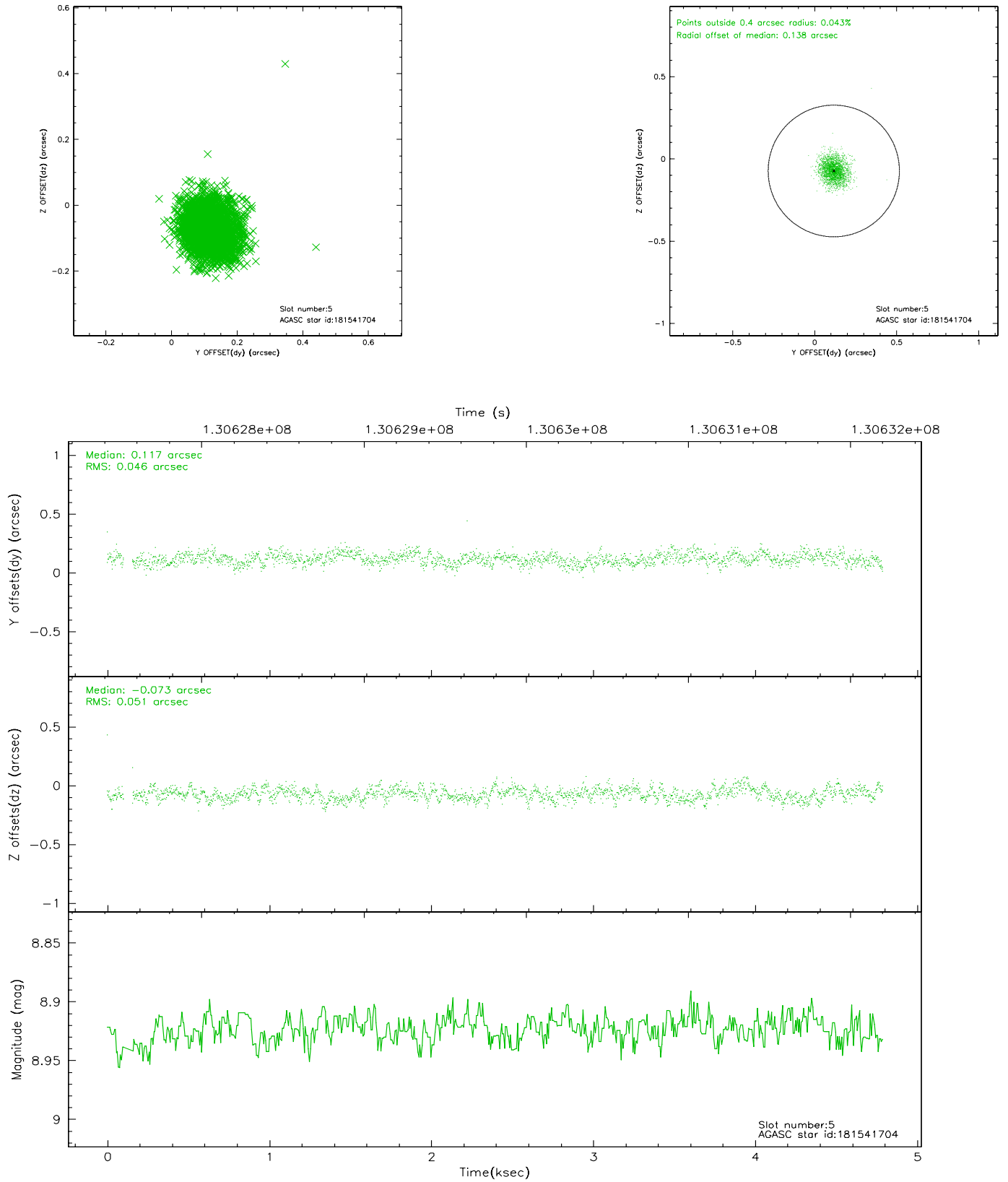
### 2.4.1 Slot 3



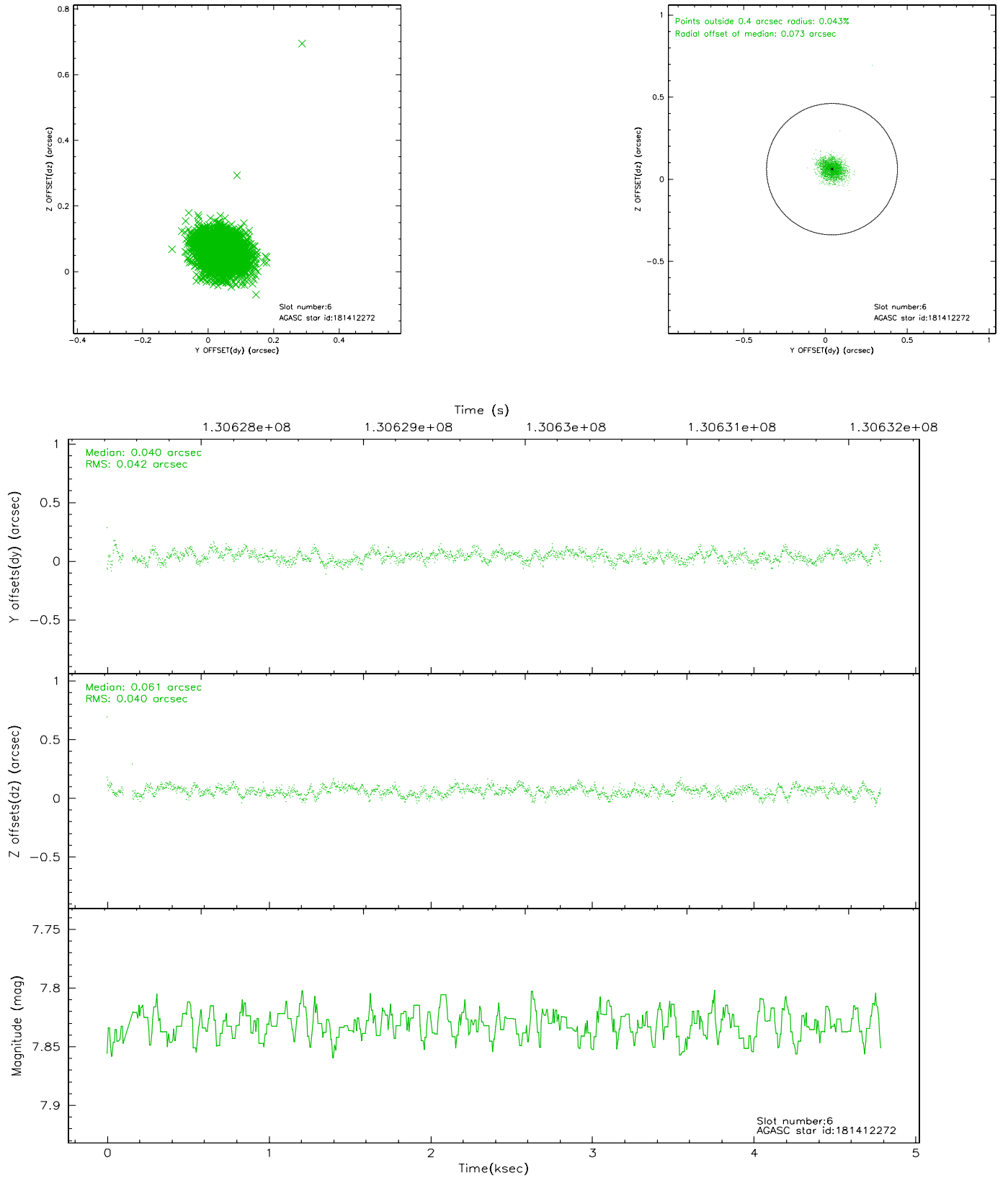
## 2.4.2 Slot 4



### 2.4.3 Slot 5

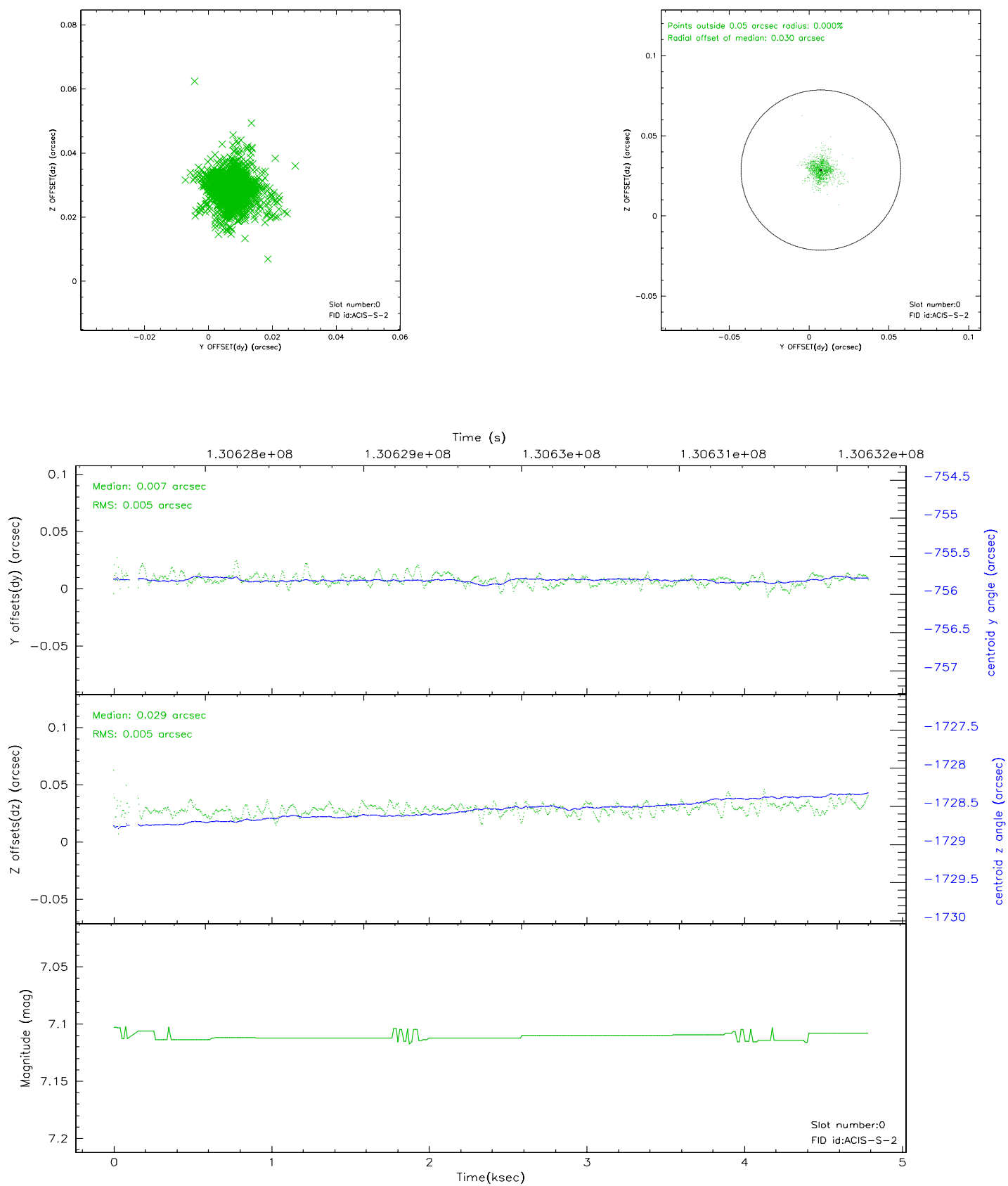


## 2.4.4 Slot 6

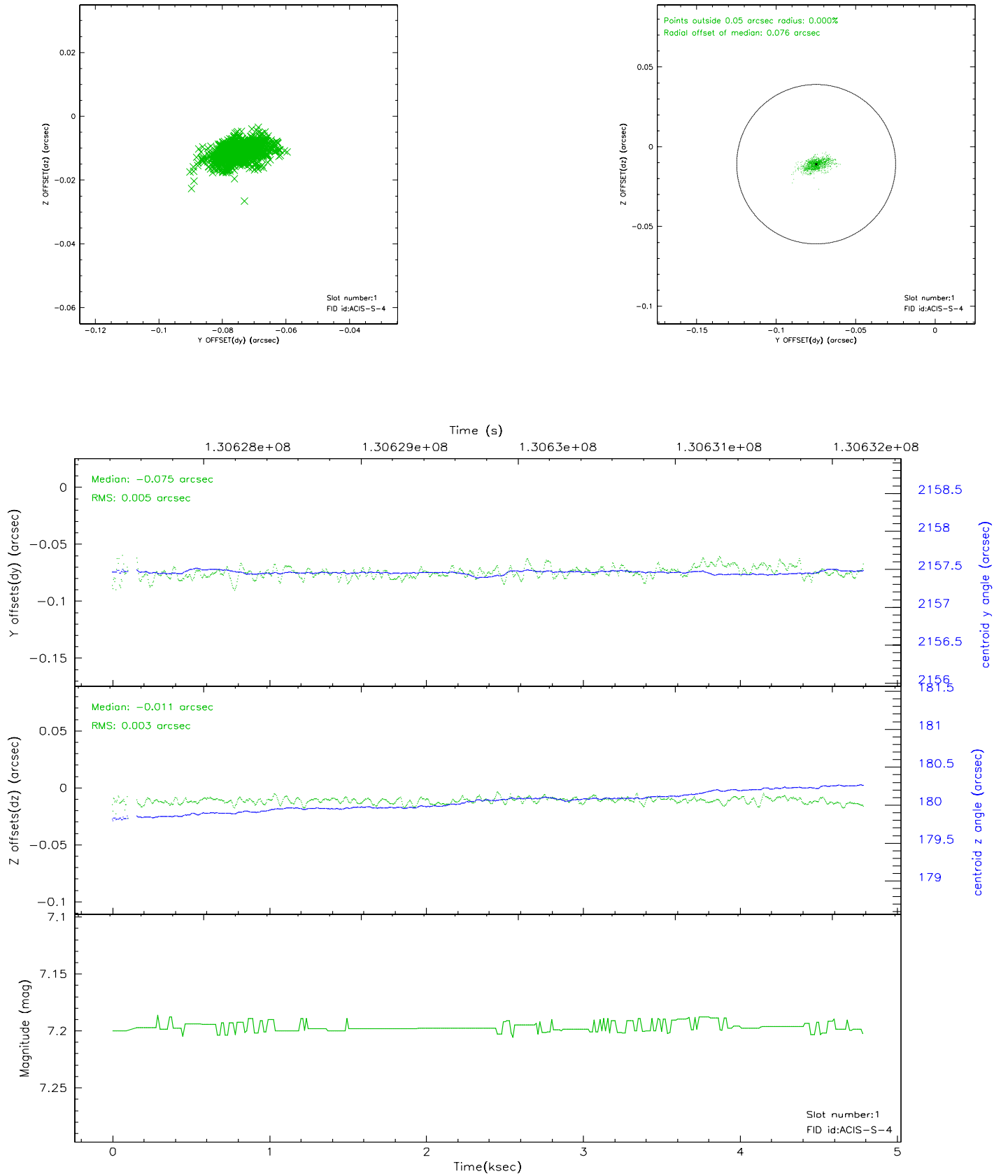


## 2.5 FID Slots

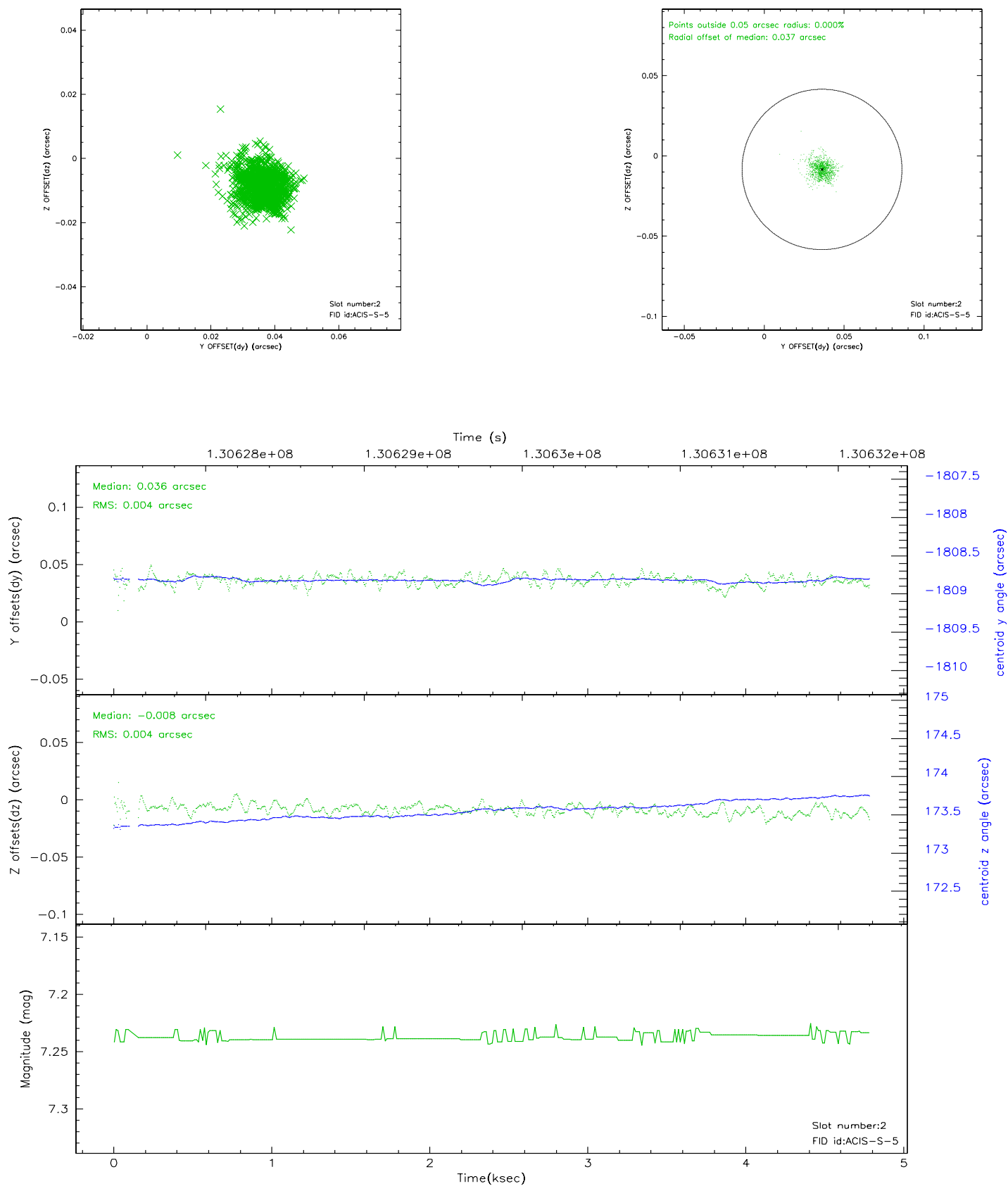
### 2.5.1 Slot 0



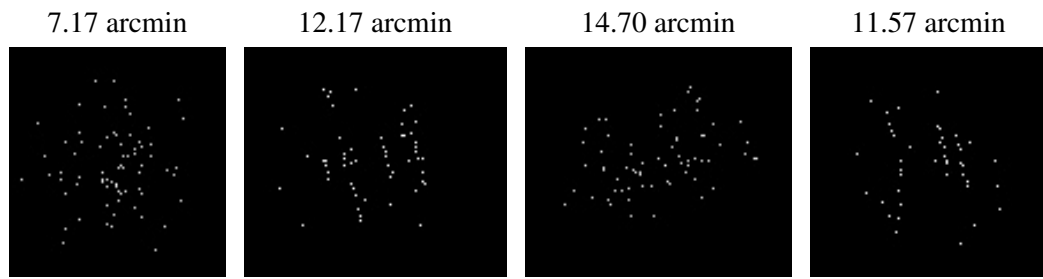
## 2.5.2 Slot 1



### 2.5.3 Slot 2



### 3 Point Sources





## A Summary

### A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.09.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.588

### A.2 Comments