

# V&V Reference Report

## L2 ASCDS Version : 7.6.7

Observation 5804 - L2 Version 002  
Chandra X-Ray Center

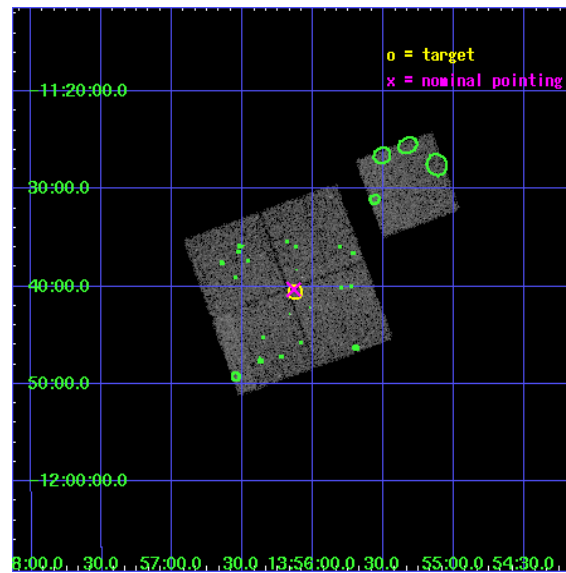
L2 Processing Date: Feb 27 2006

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# 1 Front

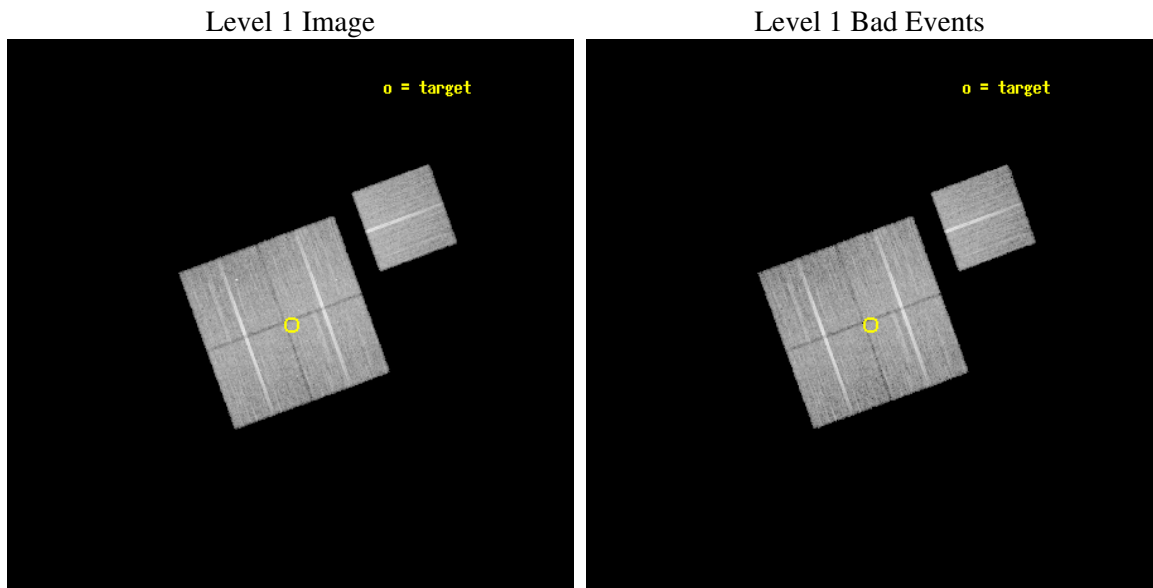
seq_num	800517
obs_id	5804
title	Chandra Observations of the DLS Shear-Selected Cluster Survey
observer	Prof. John Hughes
object	DLS J1356-1140
dtcycle	0
cycle	P
ra_targ	209.030833
dec_targ	-11.675556
ra_nom	209.03402269071
dec_nom	-11.672192848251
roll_nom	70.015631366276
revision	2
ontime	21479.8999587
livetime	21199.249252467
ontime0	21476.758978426
ontime1	21479.8999587
ontime2	21476.758948565
ontime3	21479.8999587
ontime6	21479.8999587
l2events	57670



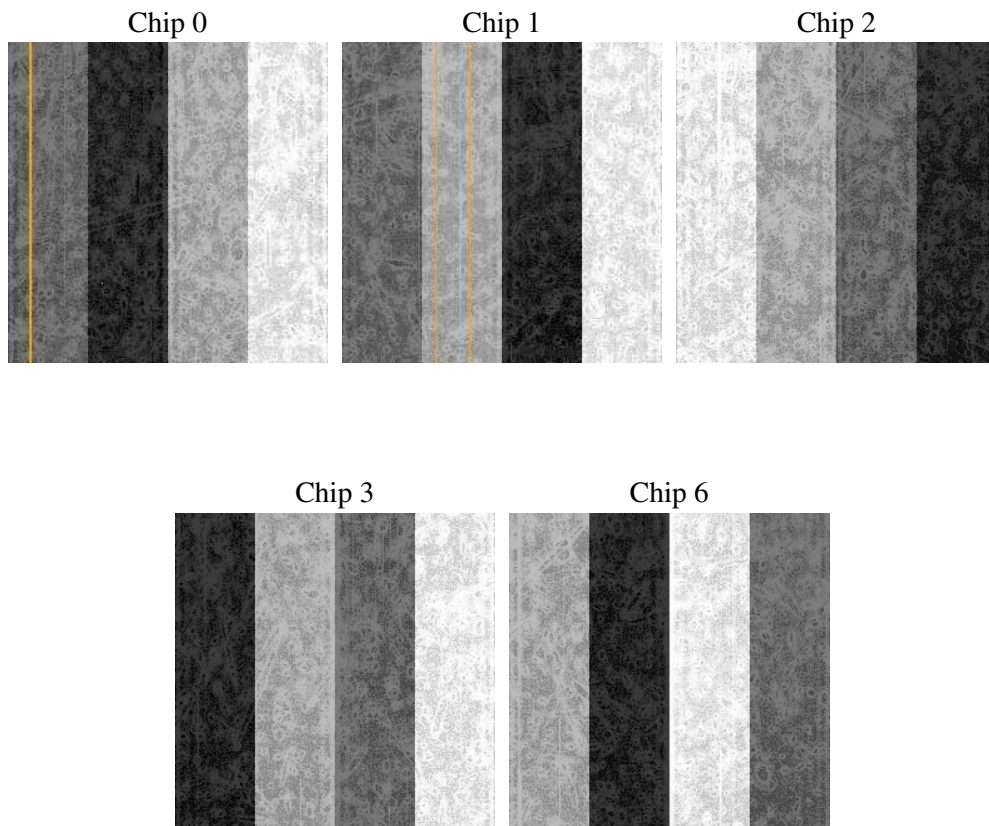
## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias



### 2.1.3 Parameters

obi_num	0
ascdsver	7.6.7
caldbver	3.2.1
date	2006-02-27T10:57:01
revision	2

sched_exp_time	21300.000000
ontime	21688.701593727
ontime0	21685.560613453
ontime1	21688.701593727
ontime2	21685.560583591
ontime3	21688.701593727
ontime6	21688.701593727
llevents	672201

### 2.1.4 Events

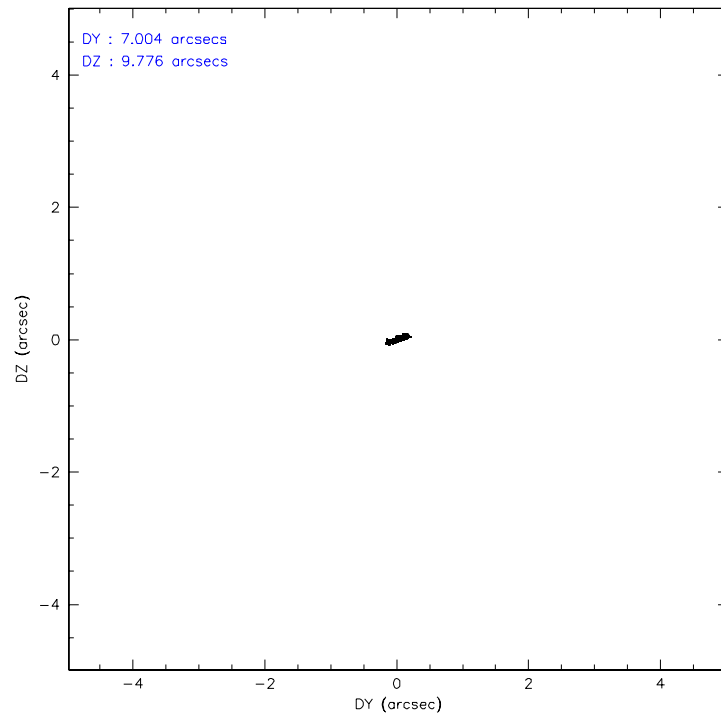
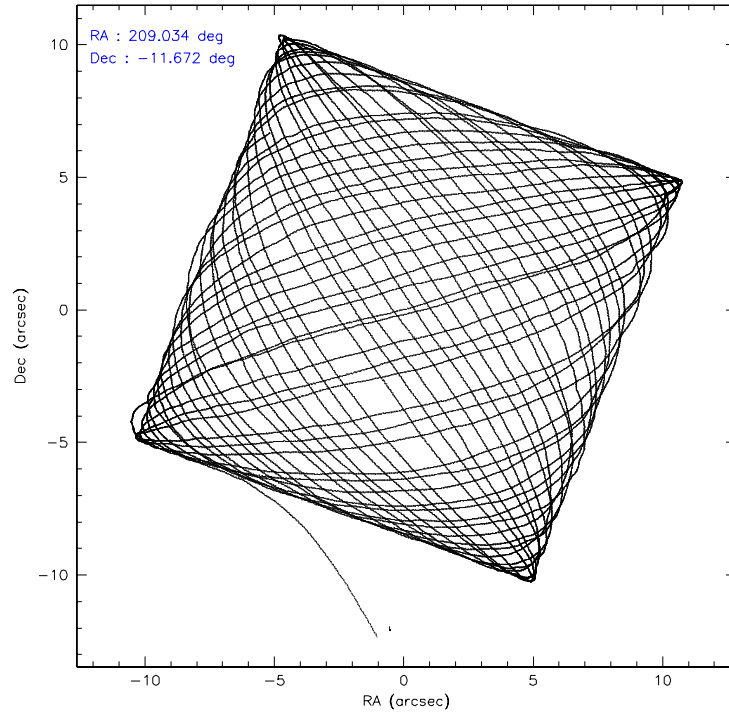
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	125347	126066	143994	137377	139417
rejected events	111594	110946	130518	124550	125522
rejected %	89%	88%	90%	90%	90%

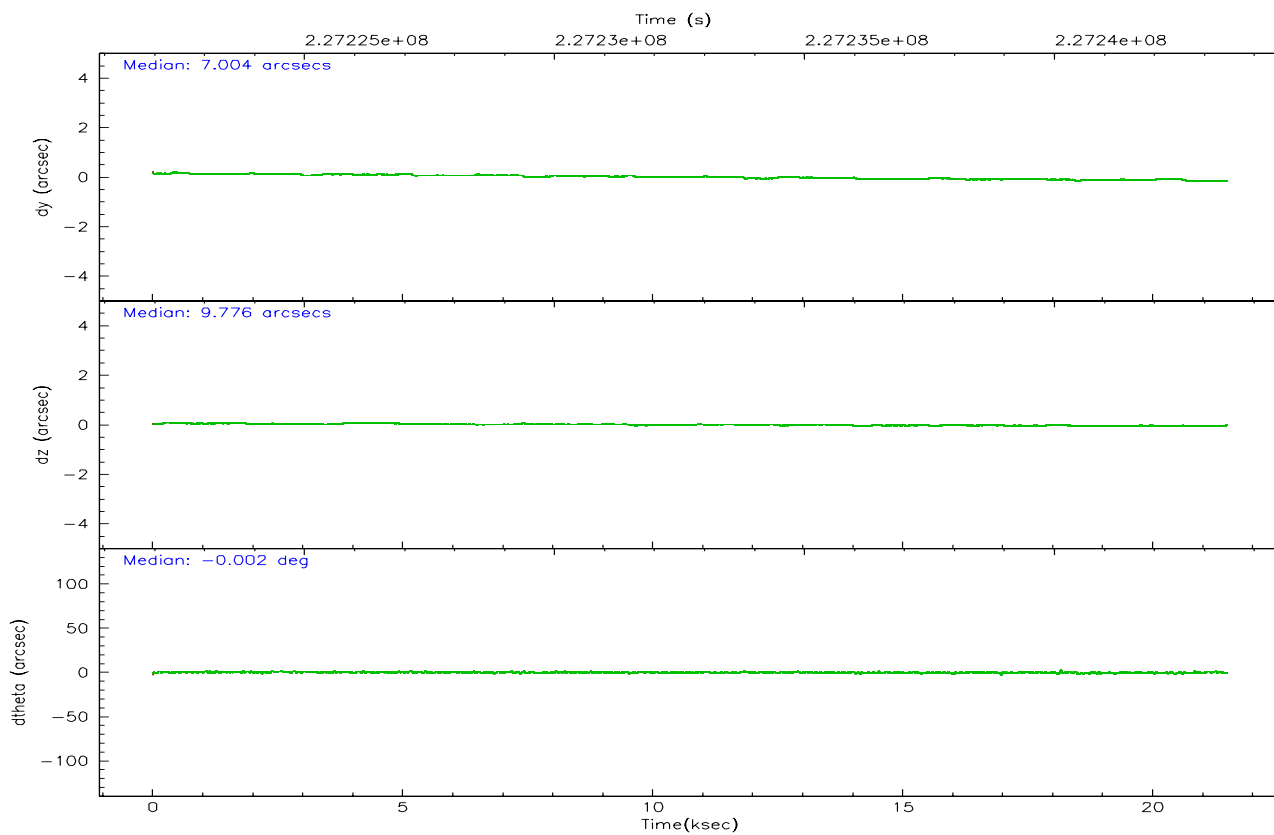
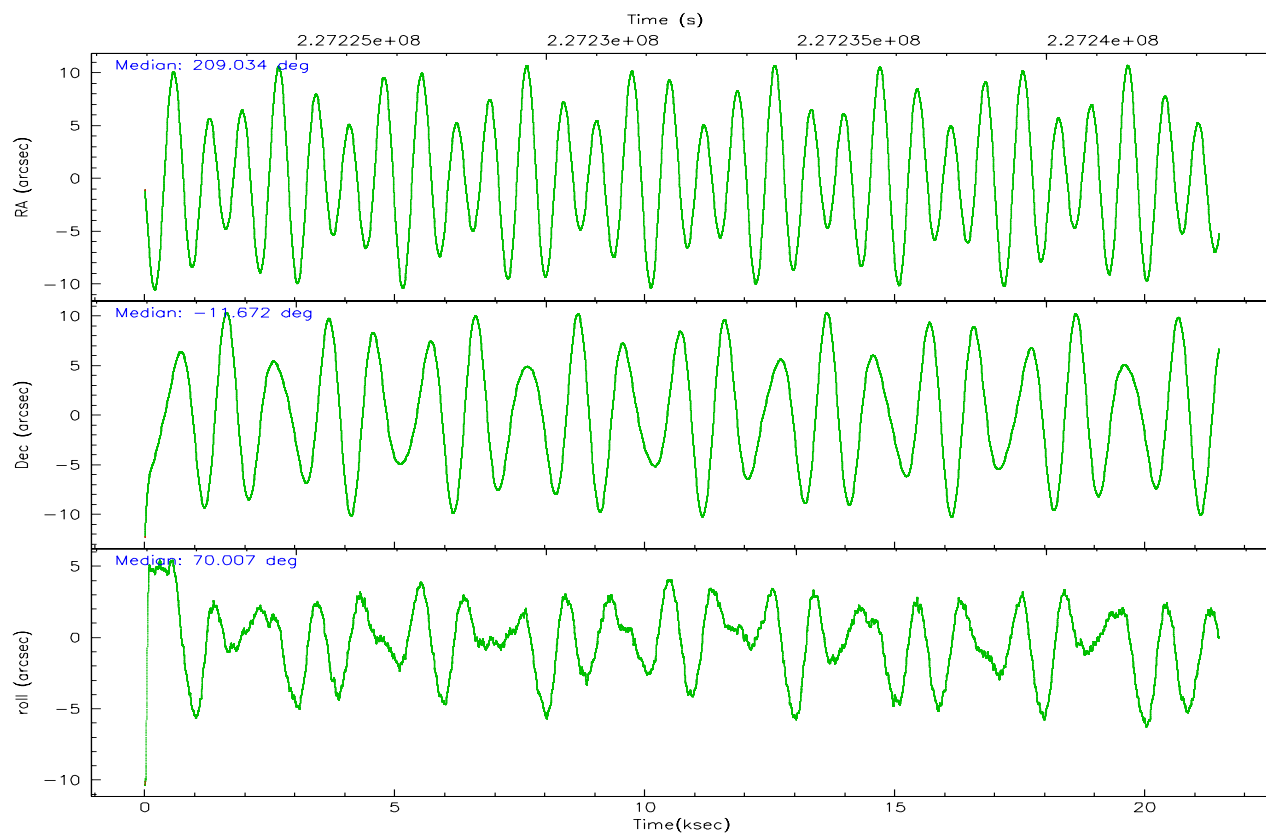
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	5115	5629	5117	4602	4805
	4%	4%	3%	3%	3%
grade 1 events	72	62	83	78	65
	0%	0%	0%	0%	0%
grade 2 events	3157	3357	3099	2839	3042
	2%	2%	2%	2%	2%
grade 3 events	1558	1739	1444	1493	1547
	1%	1%	1%	1%	1%
grade 4 events	1487	1638	1453	1446	1638
	1%	1%	1%	1%	1%
grade 5 events	4719	5077	4483	5560	5384
	3%	4%	3%	4%	3%
grade 6 events	2565	2910	2501	2585	2997
	2%	2%	1%	1%	2%
grade 7 events	106674	105654	125814	118774	119939
	85%	83%	87%	86%	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	209.039042	209.0340226907092	Alternating exposures requested	N	N
Pointing Dec	-11.699110	-11.67219284825096	Primary exposure time	0.000000	3.1
Pointing Roll	69.807972	70.01563136627601			
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	227222160.184000	227221065.83413			
Observation start date	2005-03-14T21:14:56	2005-03-14T20:57:45			
Observation end time	227243460.184000	227244681.3227			
Observation end date	2005-03-15T03:09:56	2005-03-15T03:31:21			
Read mode	TIMED	TIMED			

## 2.3 Aspect





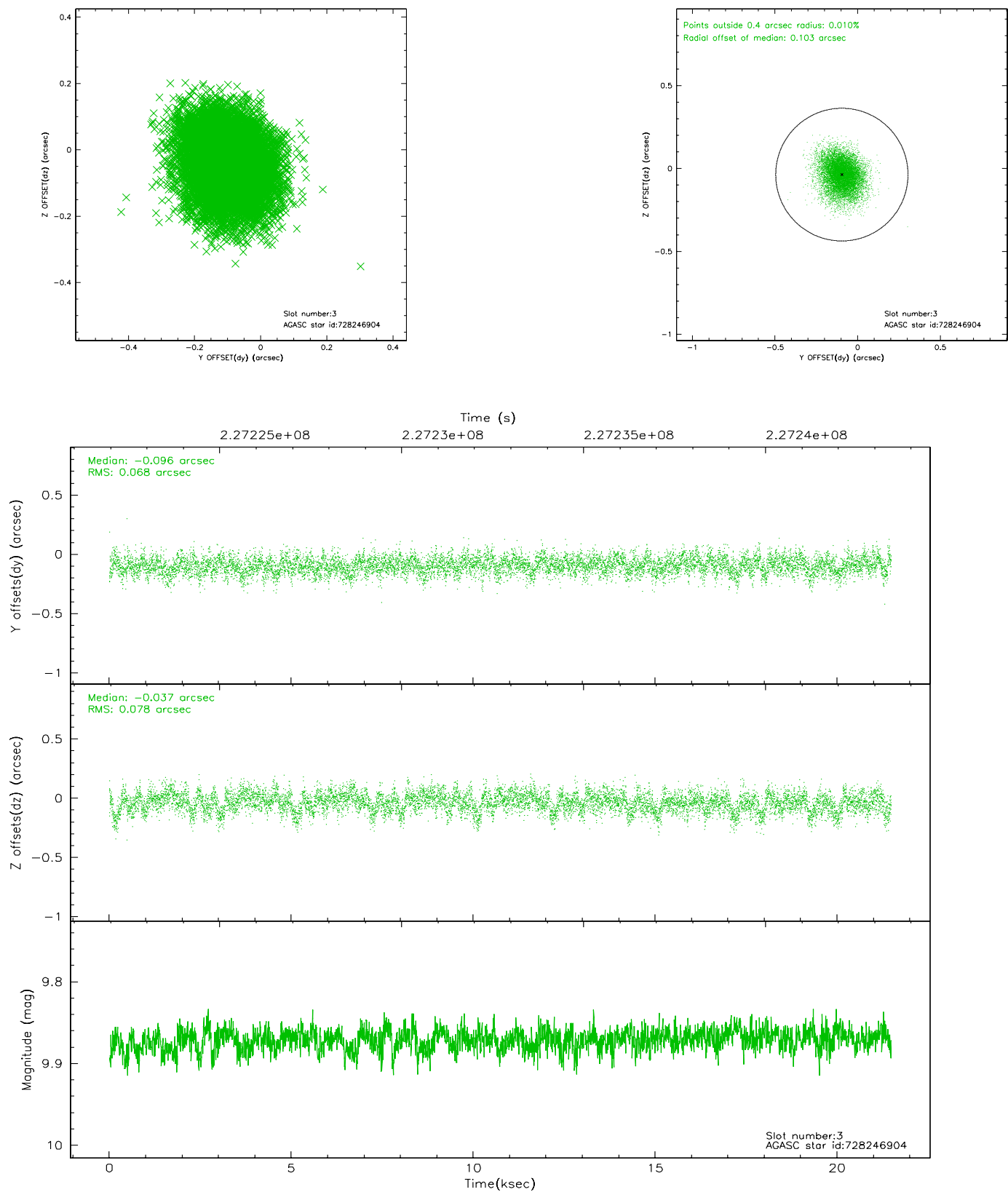
# Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-4	7.18	5239	0.087	0.019	0.010	0.016	0.000000	0.000000	2152.73	1066.64
1	FID	ACIS-I-5	7.23	5240	-0.184	0.017	0.010	0.018	0.000000	0.000000	-1815.29	1064.55
2	FID	ACIS-I-6	7.26	5240	-0.004	0.031	0.009	0.015	0.000000	0.000000	398.05	1708.88
3	GUIDE	728246904	9.87	10456	-0.096	-0.037	0.110	0.181	208.922180	-11.454653	683.64	690.88
4	GUIDE	728247816	9.66	10477	0.020	-0.141	0.100	0.167	208.940266	-11.917686	-858.37	54.87
5	GUIDE	728248504	7.83	10481	0.078	0.327	0.069	0.108	208.881327	-12.223064	-1961.73	-130.16
6	GUIDE	728378760	8.44	10482	-0.014	0.152	0.072	0.115	209.447556	-11.536817	1044.91	-1150.51
7	GUIDE	728243160	10.06	10467	0.017	-0.290	0.138	0.227	208.309960	-11.797392	-1222.01	2287.61

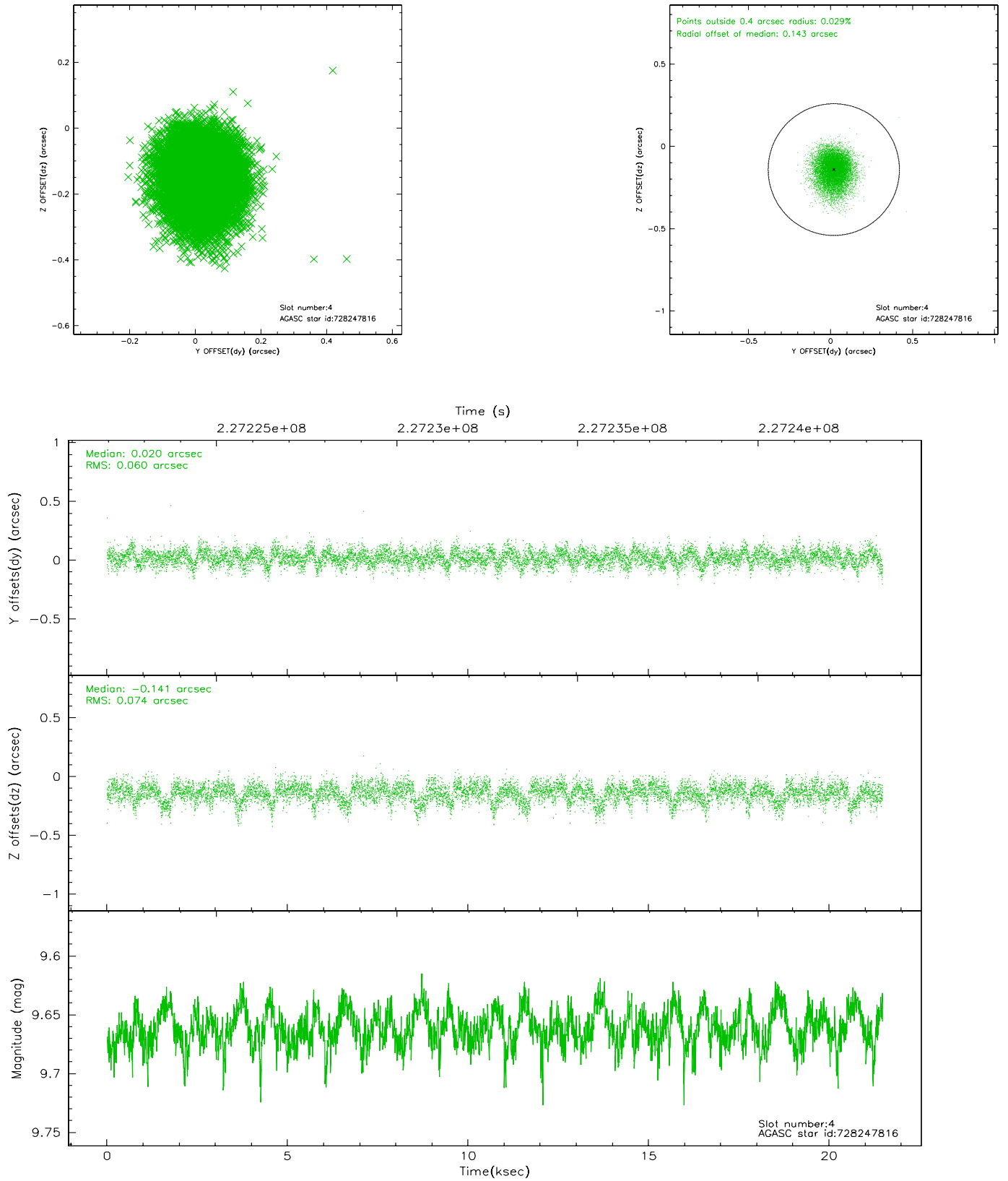


## 2.4 Star Slots

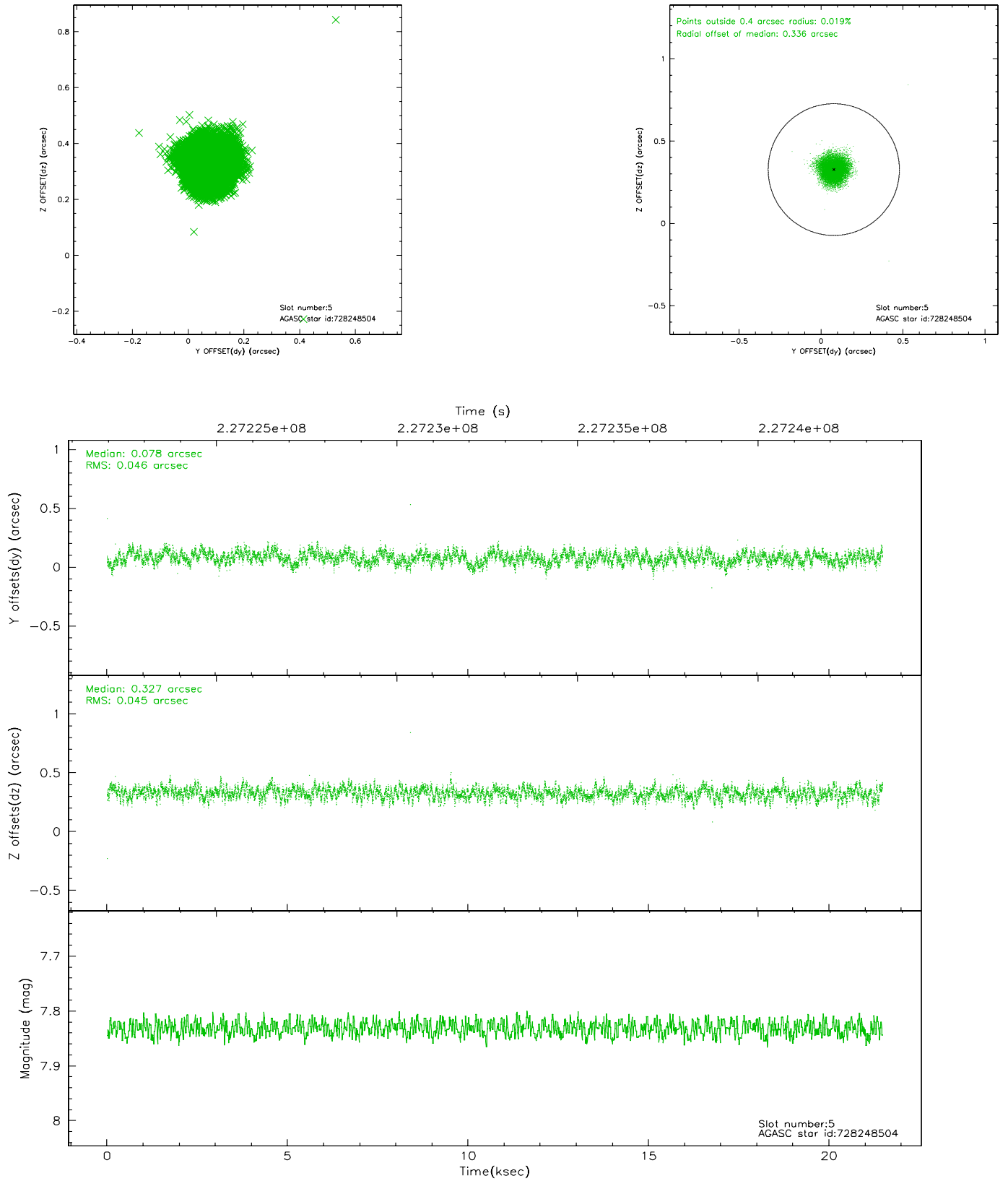
### 2.4.1 Slot 3



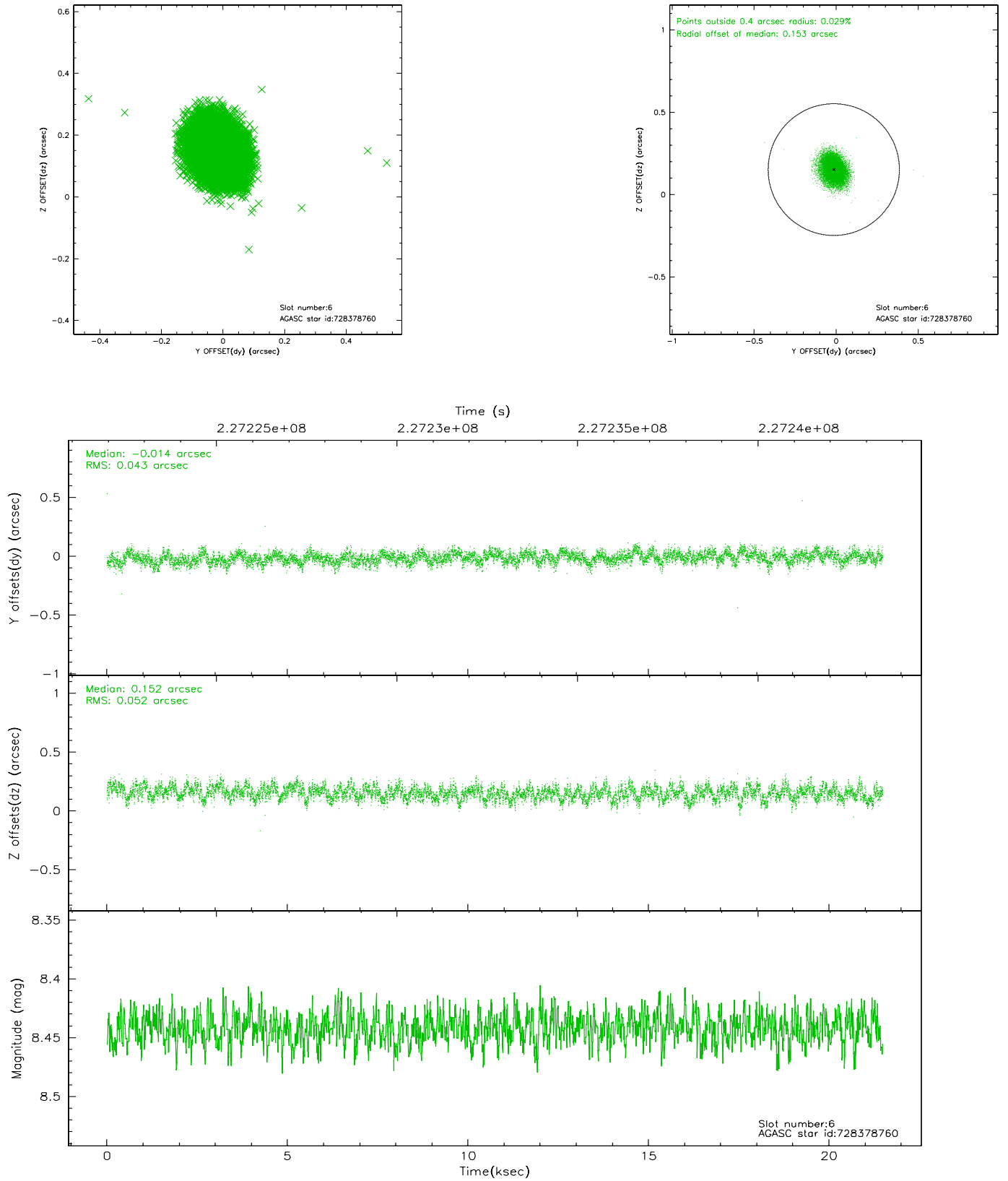
## 2.4.2 Slot 4



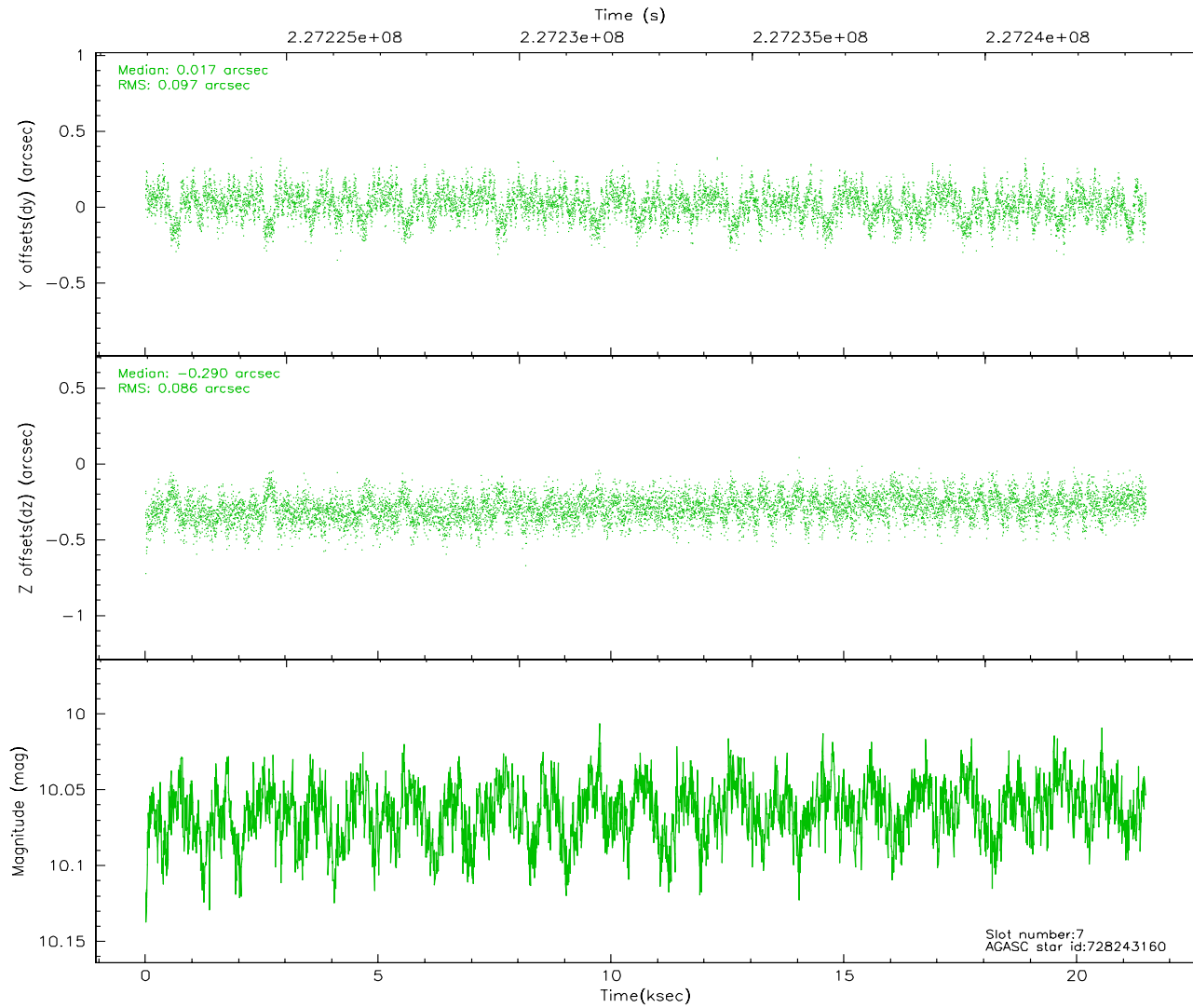
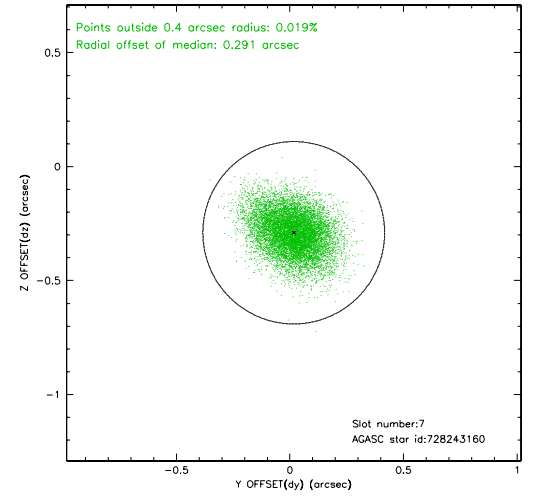
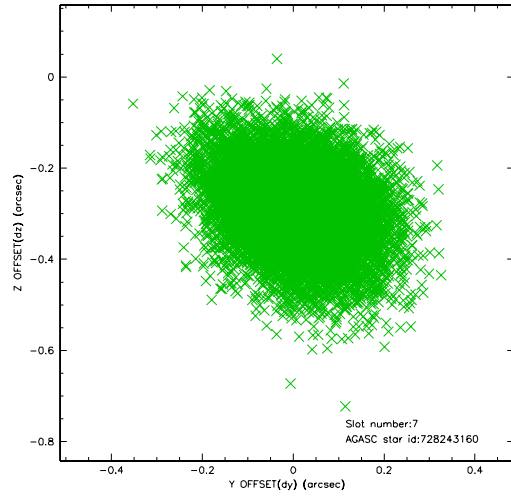
### 2.4.3 Slot 5



## 2.4.4 Slot 6

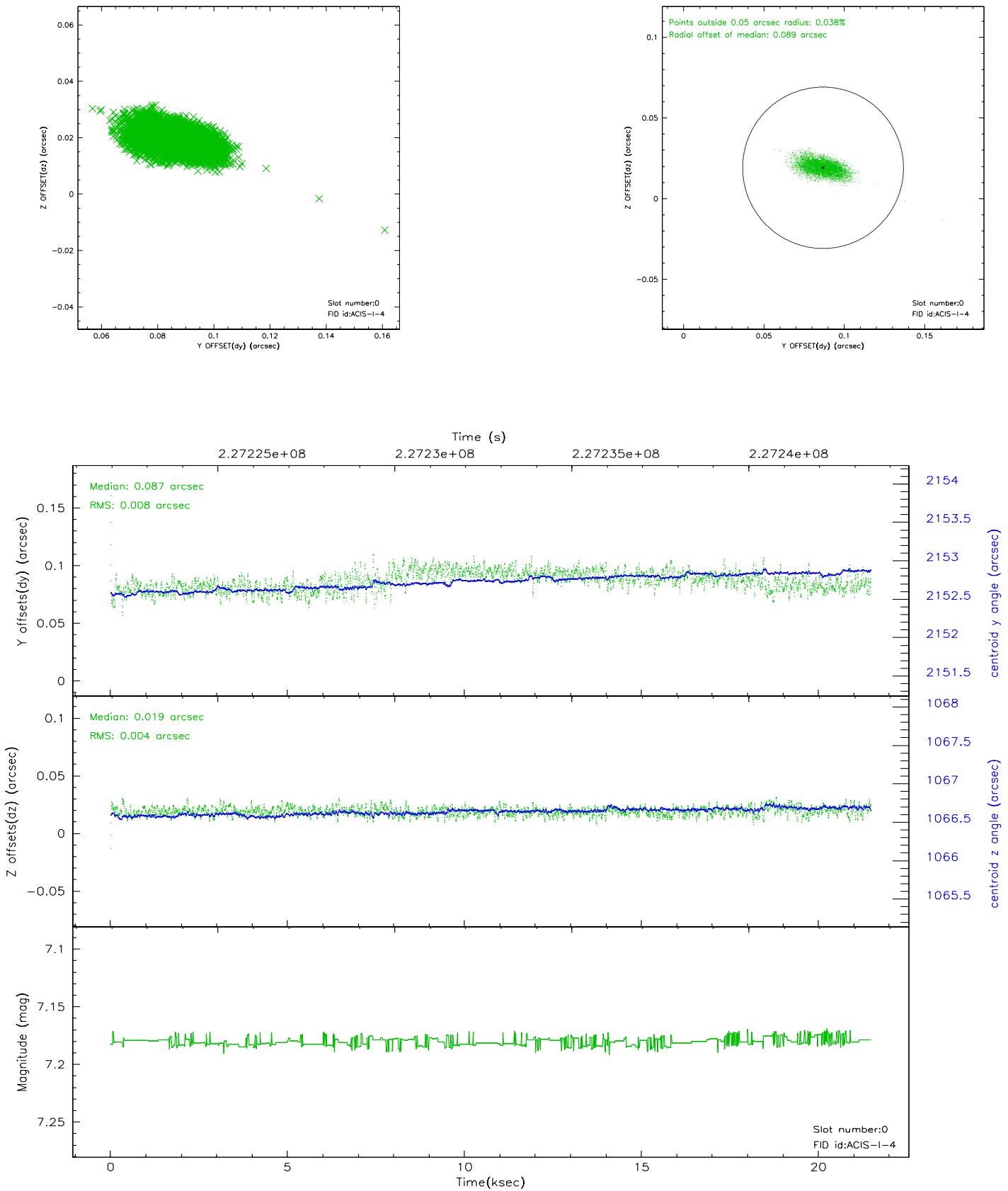


## 2.4.5 Slot 7

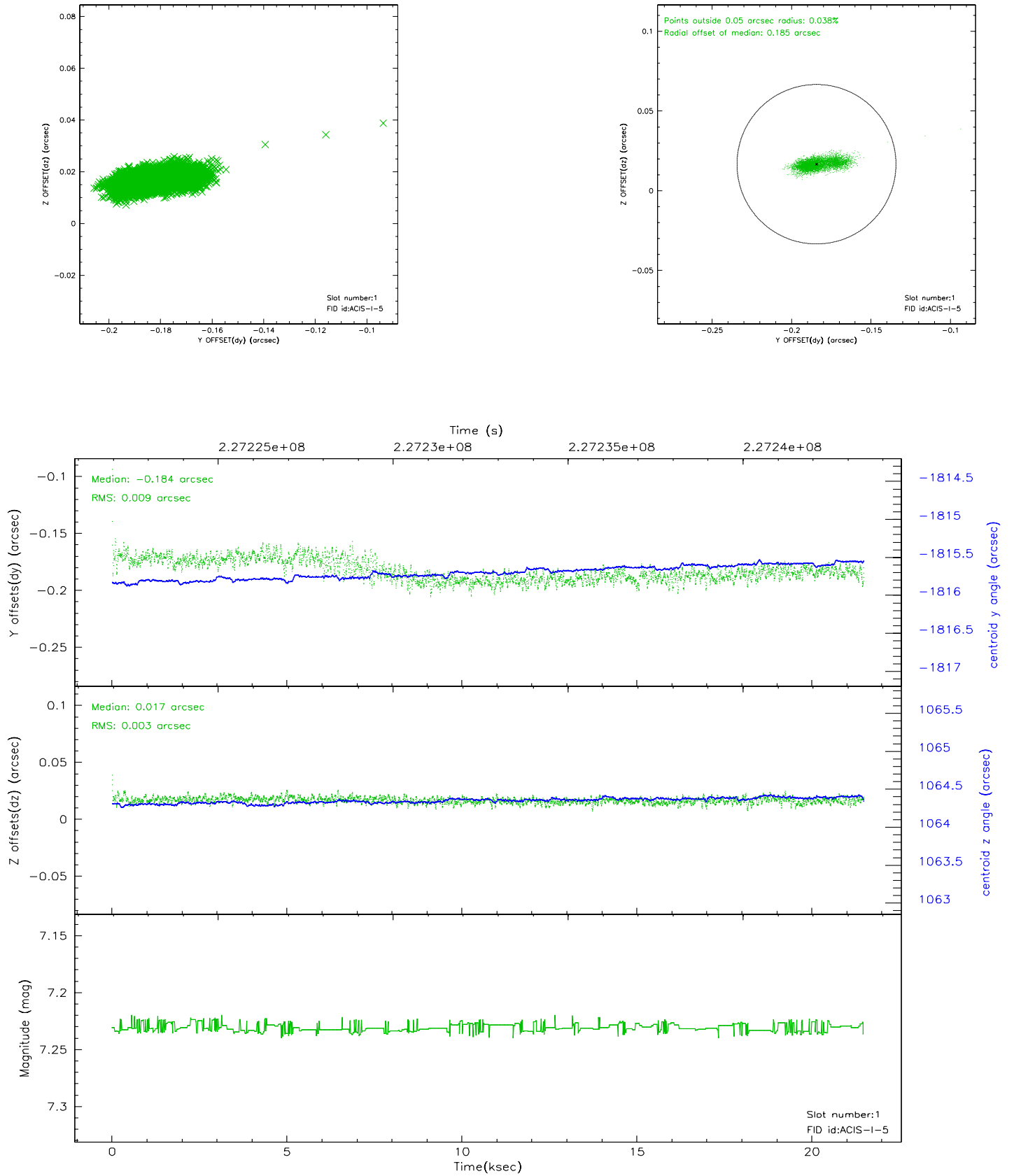


## 2.5 FID Slots

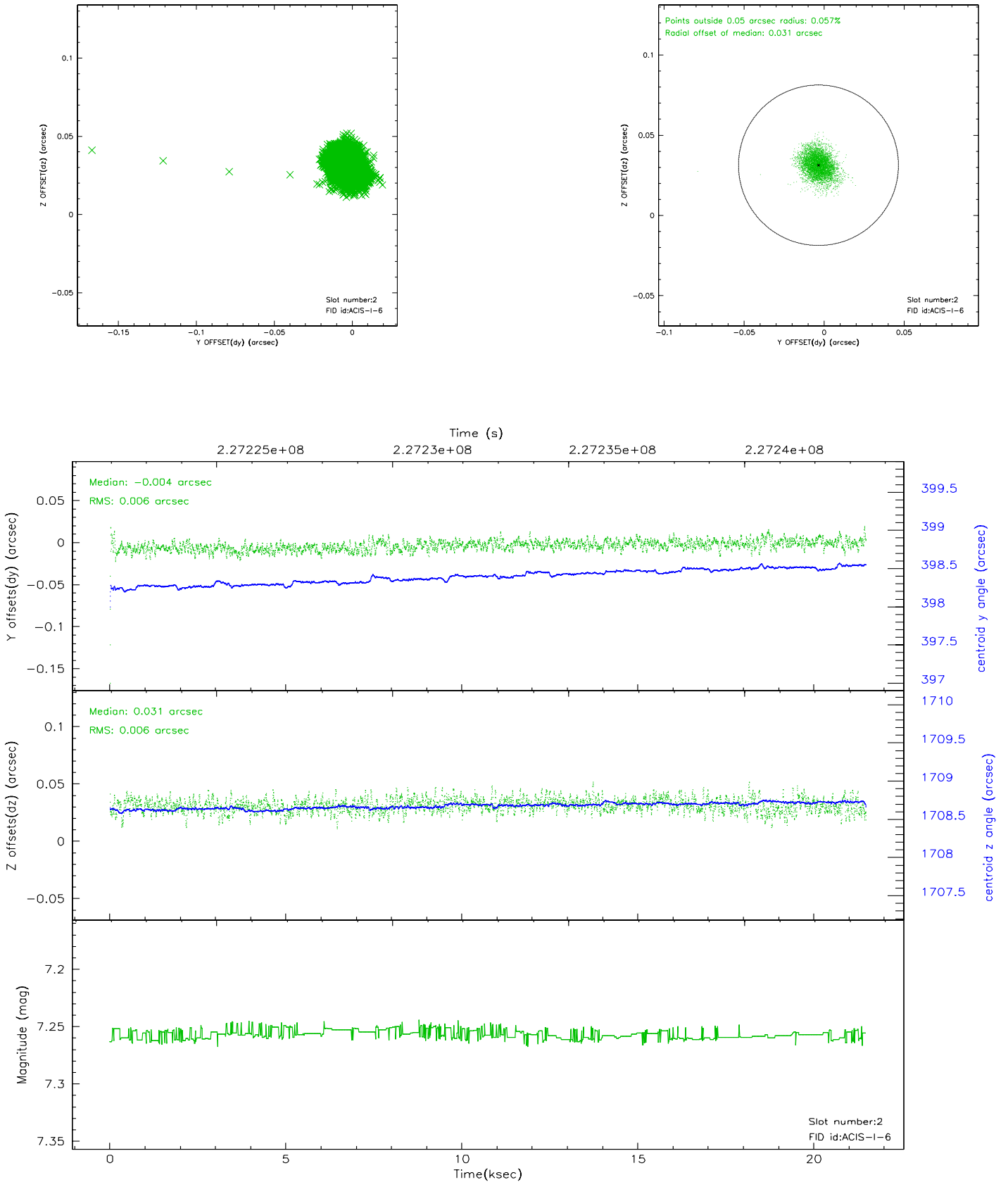
### 2.5.1 Slot 0



## 2.5.2 Slot 1

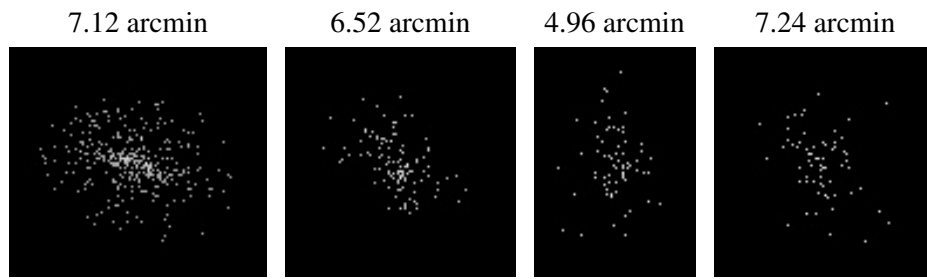


### 2.5.3 Slot 2





### 3 Point Sources



## A Summary

### A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.02.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	21.47989

### A.2 Comments