

# V&V Reference Report

## L2 ASCDS Version : 7.6.8.1

Observation 3549 - L2 Version 001  
Chandra X-Ray Center

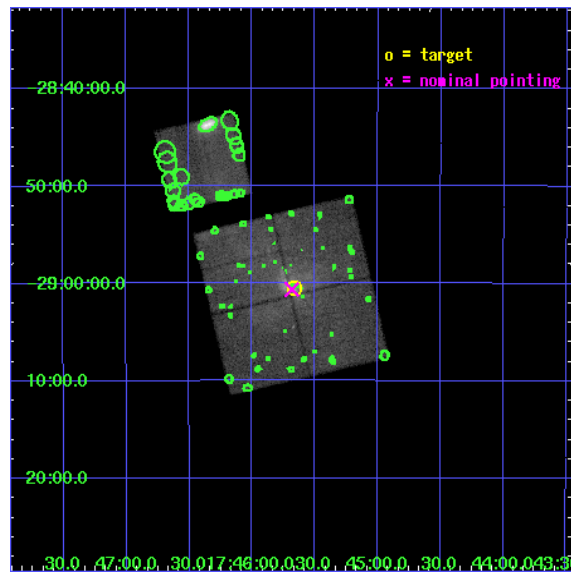
L2 Processing Date : Aug 8 2006

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# 1 Front

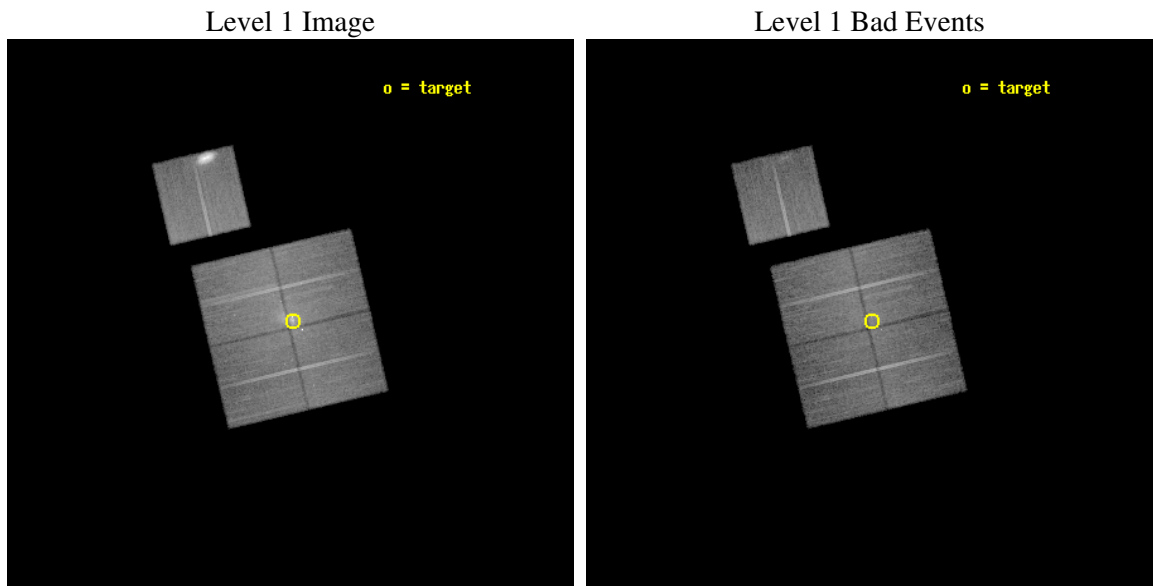
seq_num	600294
obs_id	3549
title	X-RAY MONITORING OF SAGITTARIUS A* AND THE GALACTIC CENTER
observer	Professor Gordon Garmire
object	SGR A*
dtcycle	0
cycle	P
ra_targ	266.416667
dec_targ	-29.007778
ra_nom	266.42091980886
dec_nom	-29.01051530696
roll_nom	346.82013531644
revision	2
ontime	25116.199951708
livetime	24788.038309062
ontime0	25116.199951708
ontime1	25116.199951708
ontime2	25116.199951708
ontime3	25116.199951708
ontime6	25116.199951708
l2events	271463



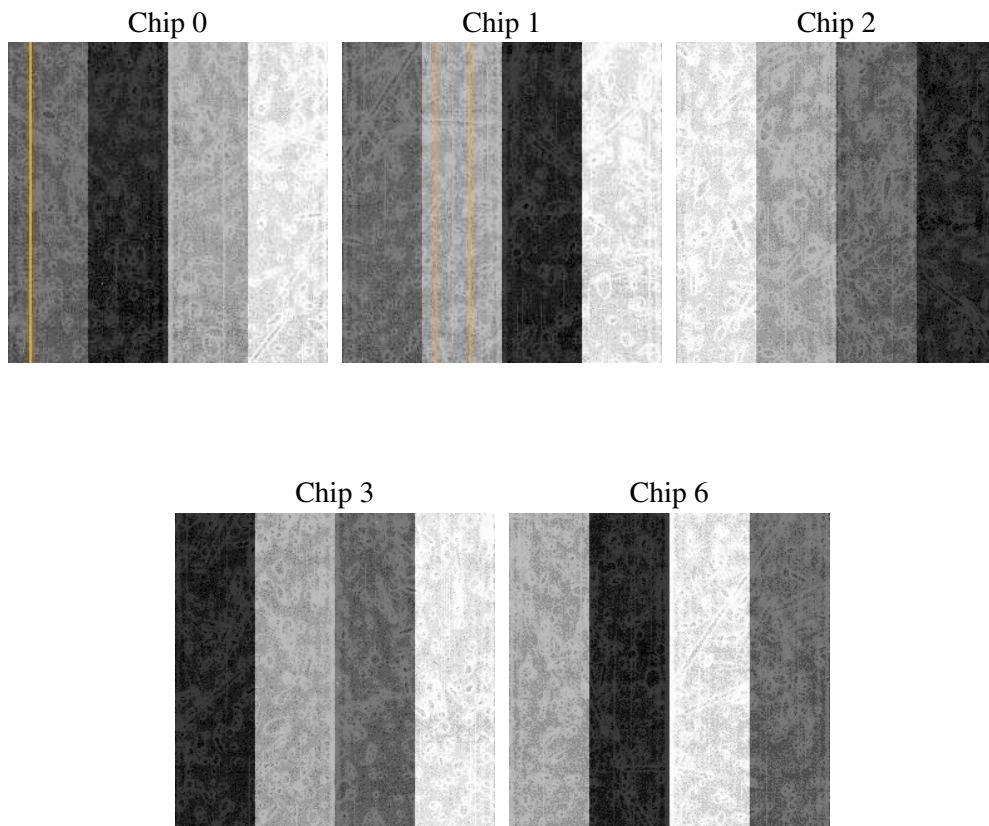
## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias



### 2.1.3 Parameters

obi_num	0
ascdsver	7.6.8.1
caldsver	3.2.2
date	2006-08-08T22:36:21
revision	2

sched_exp_time	25000.000000
ontime	25121.76022777
ontime0	25121.76022777
ontime1	25121.76022777
ontime2	25121.76022777
ontime3	25121.76022777
ontime6	25121.76022777
l1events	1091822

### 2.1.4 Events

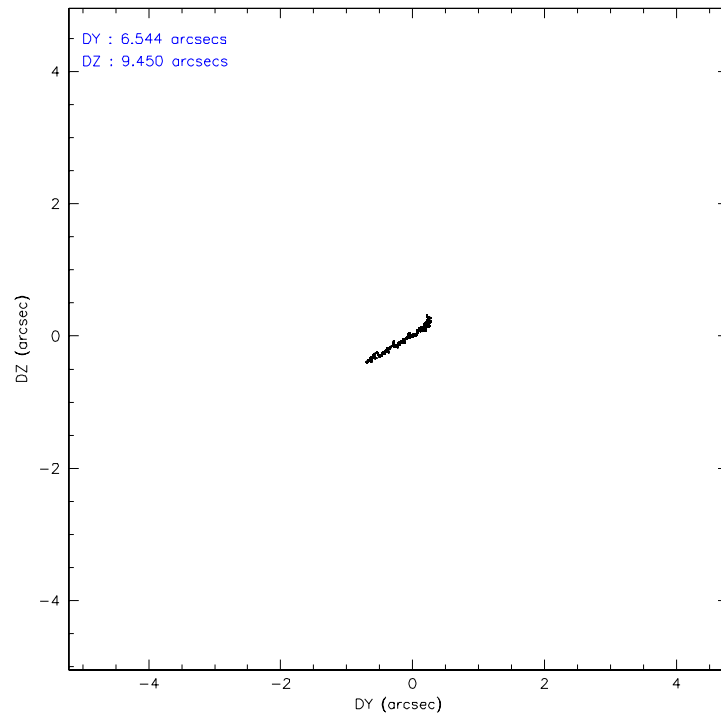
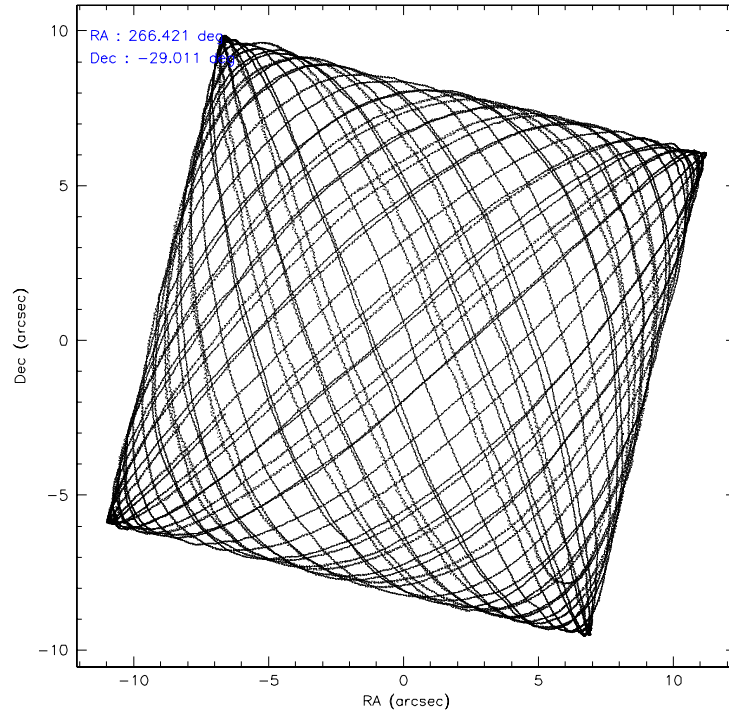
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	182257	192835	238990	219191	258549
rejected events	135982	145861	169633	162486	168324
rejected %	74%	75%	70%	74%	65%

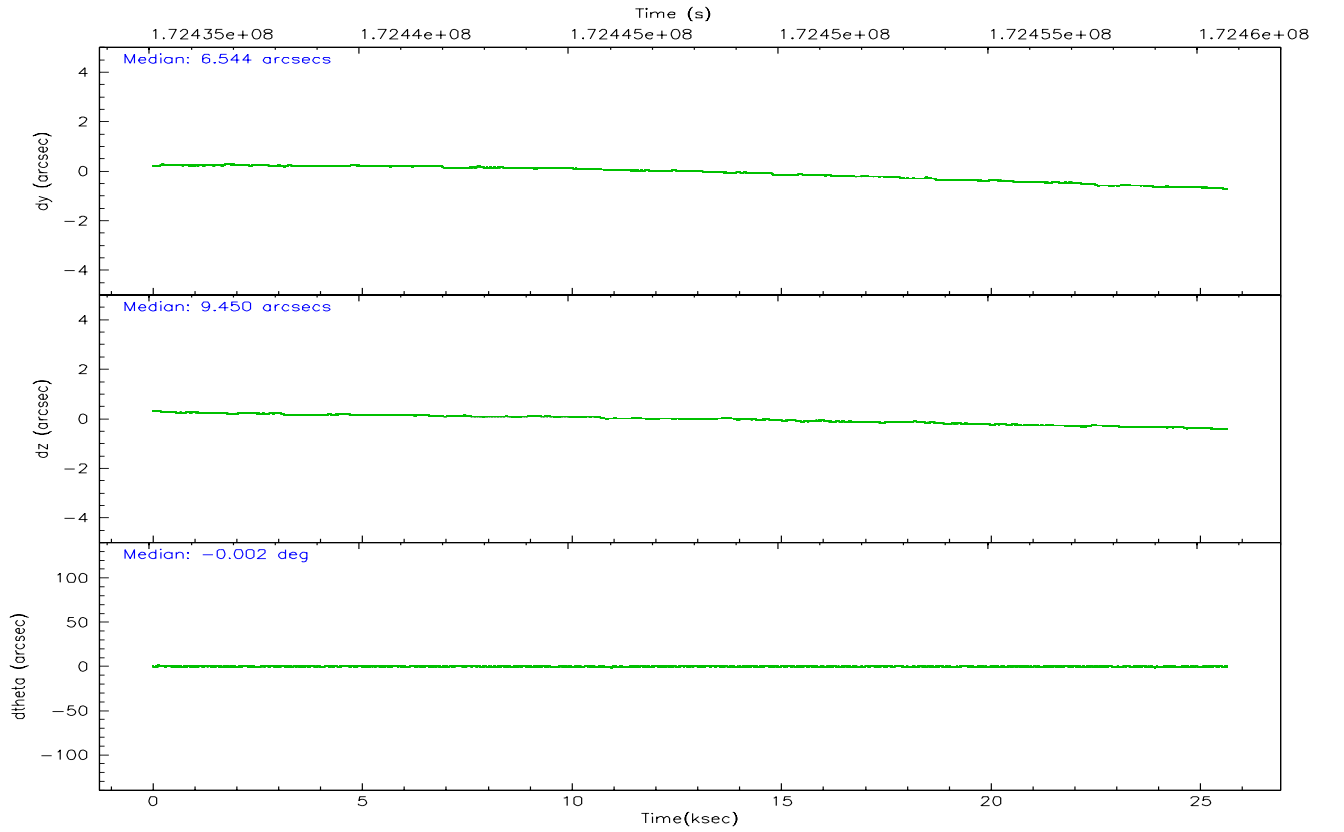
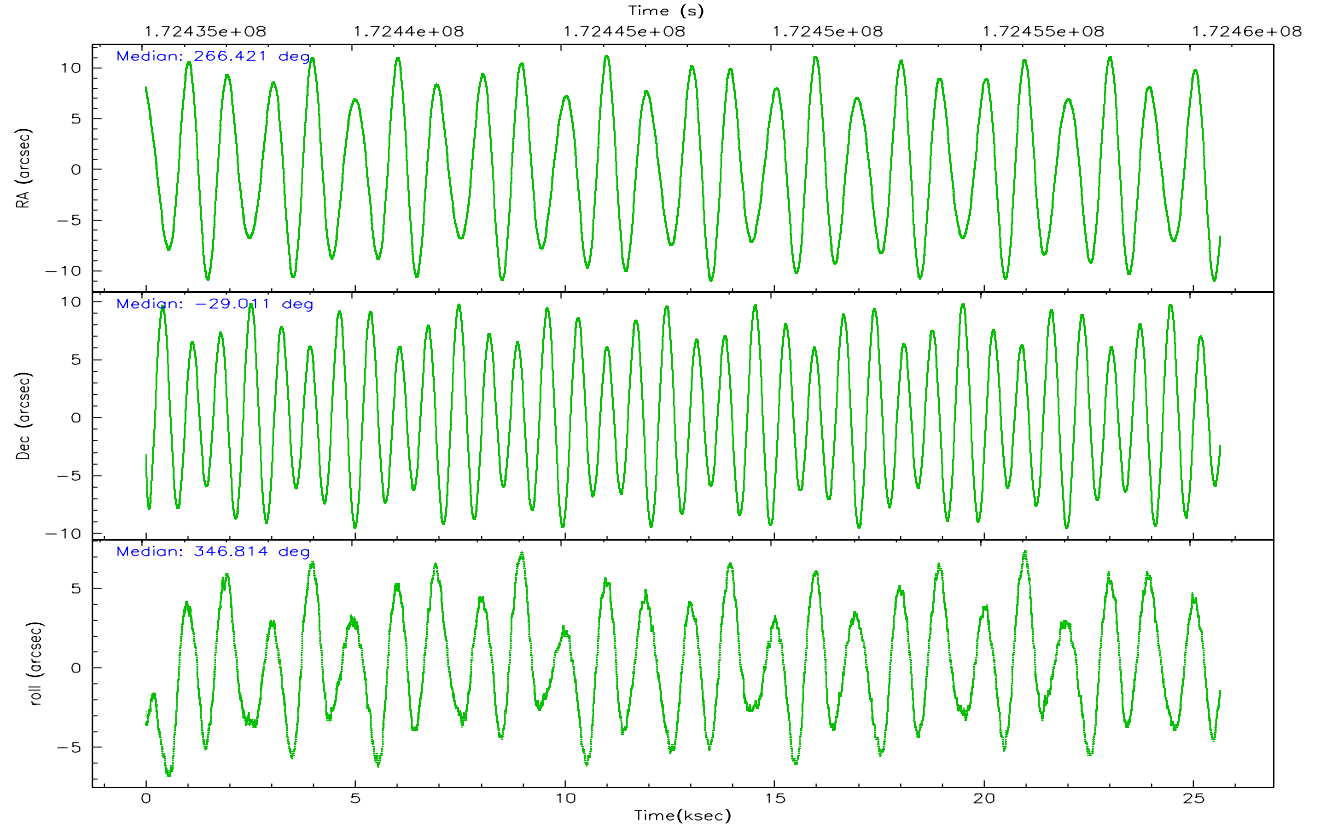
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	24485	23492	41393	32308	51289
	13%	12%	17%	14%	19%
grade 1 events	134	161	309	250	282
	0%	0%	0%	0%	0%
grade 2 events	9999	10163	12627	10146	17082
	5%	5%	5%	4%	6%
grade 3 events	2668	3015	3579	3409	5238
	1%	1%	1%	1%	2%
grade 4 events	2757	2924	4258	3443	5120
	1%	1%	1%	1%	1%
grade 5 events	5854	6380	6153	6710	6875
	3%	3%	2%	3%	2%
grade 6 events	6380	7391	7519	7408	11519
	3%	3%	3%	3%	4%
grade 7 events	129980	139309	163152	155517	161144
	71%	72%	68%	70%	62%

## 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	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	266.391003	266.420919808859	Alternating exposures requested	N	N
Pointing Dec	-29.018535	-29.01051530695982	Primary exposure time	0.000000	3.1
Pointing Roll	346.596939	346.8201353164363			
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	172435719.184000	172434535.64813			
Observation start date	2003-06-19T18:47:35	2003-06-19T18:28:55			
Observation end time	172460719.184000	172461298.91176			
Observation end date	2003-06-20T01:44:15	2003-06-20T01:54:58			
Read mode	TIMED	TIMED			

## 2.3 Aspect





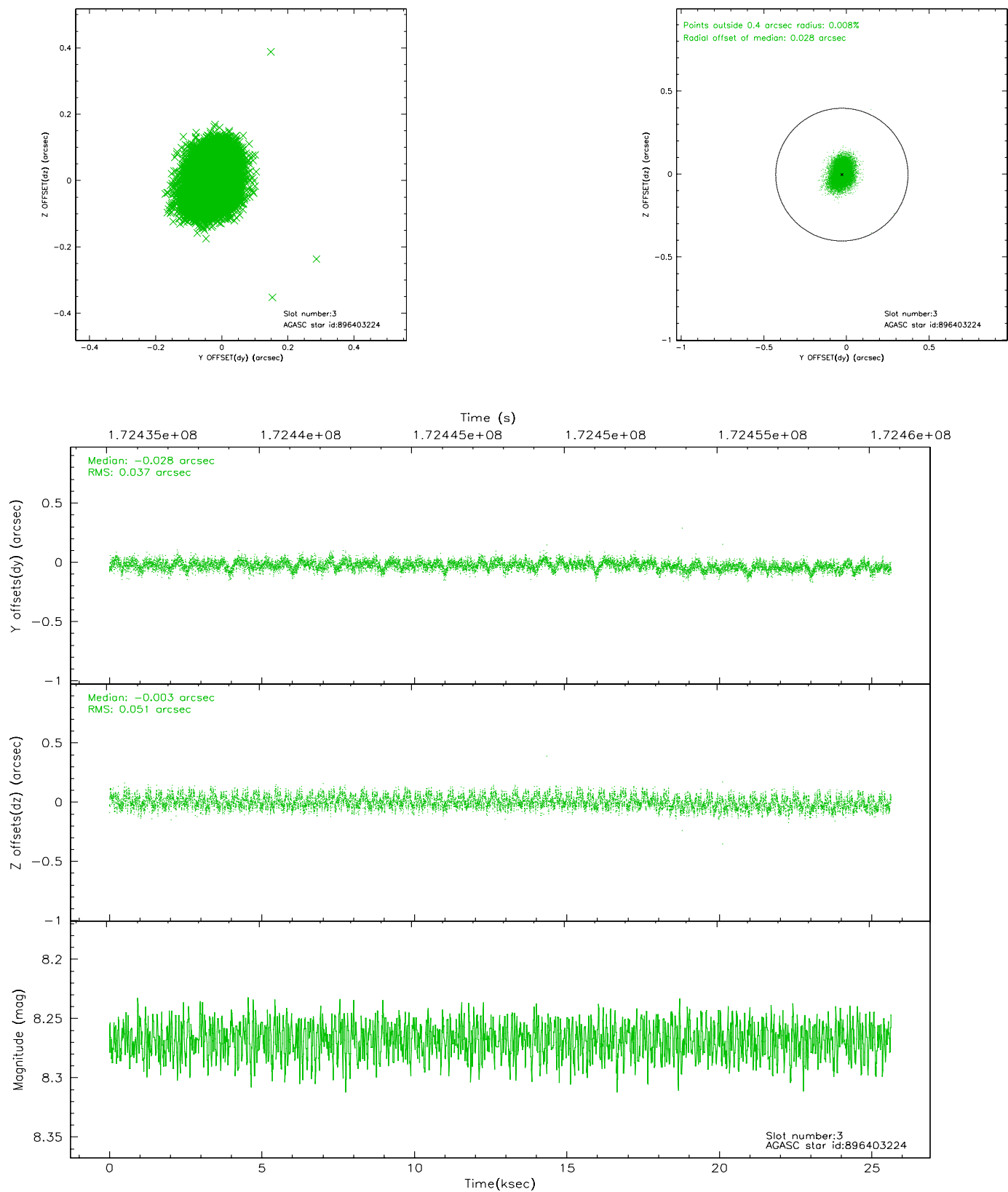
### Slot Statistics

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	6252	-0.034	0.076	0.011	0.019	0.000000	0.000000	933.22	-832.79
1	FID	ACIS-I-5	7.24	6252	-0.088	0.017	0.011	0.024	0.000000	0.000000	-1814.90	1064.56
2	FID	ACIS-I-6	7.26	6252	0.032	-0.024	0.008	0.013	0.000000	0.000000	398.69	1709.16
3	GUIDE	896403224	8.27	12504	-0.028	-0.003	0.068	0.109	265.612825	-29.438915	-2020.24	-2045.70
4	GUIDE	896541576	8.17	12502	-0.044	0.030	0.063	0.100	267.051055	-28.762912	1814.18	1372.64
5	GUIDE	896544560	9.02	12499	0.158	-0.028	0.080	0.134	265.902975	-28.371895	-2042.41	1903.18
6	GUIDE	896539920	8.79	12497	-0.015	0.062	0.079	0.129	266.848347	-29.638887	1910.65	-1842.90
7	GUIDE	896538840	8.91	12499	-0.070	-0.063	0.088	0.144	266.920426	-28.466925	1170.65	2316.28

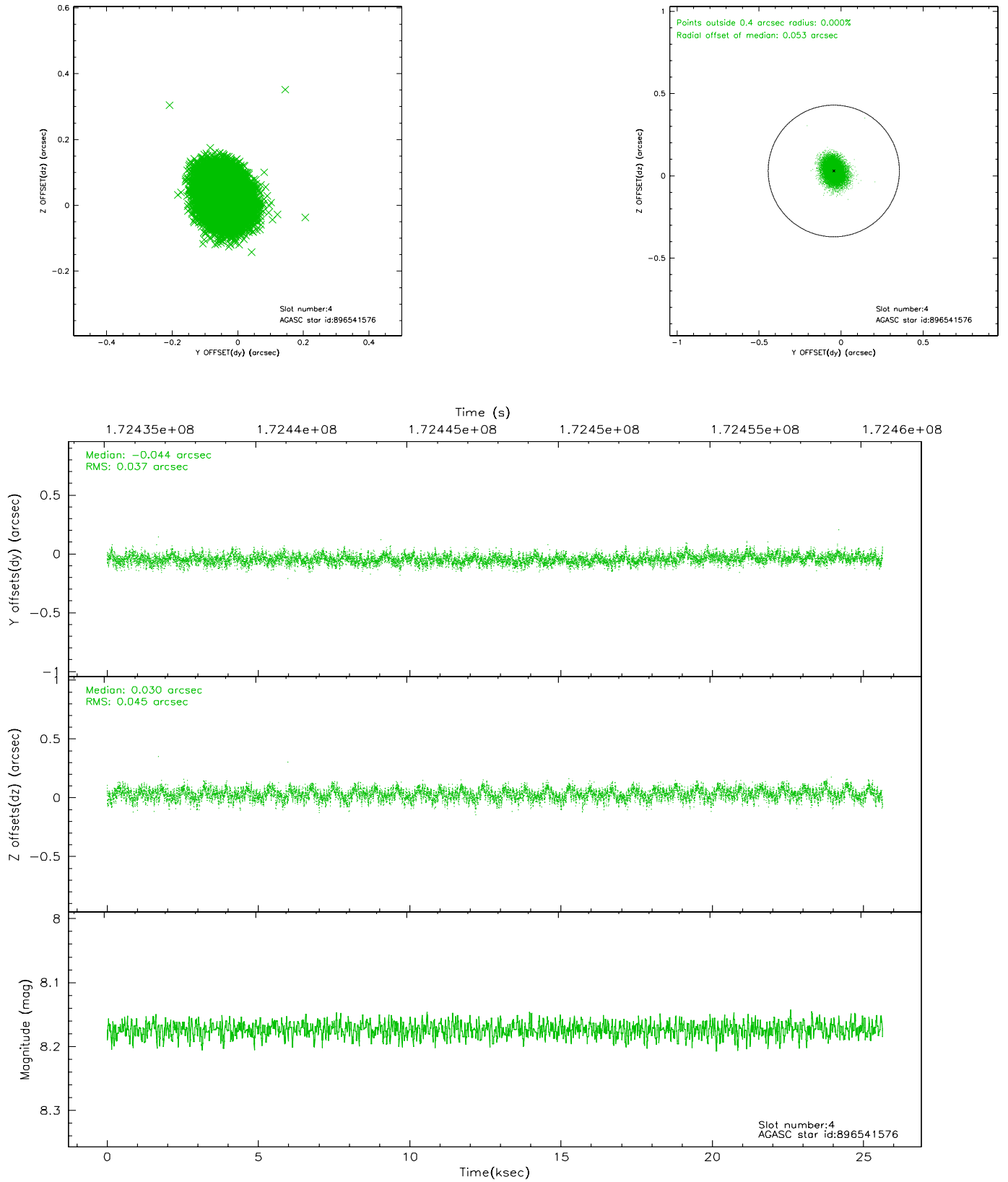


## 2.4 Star Slots

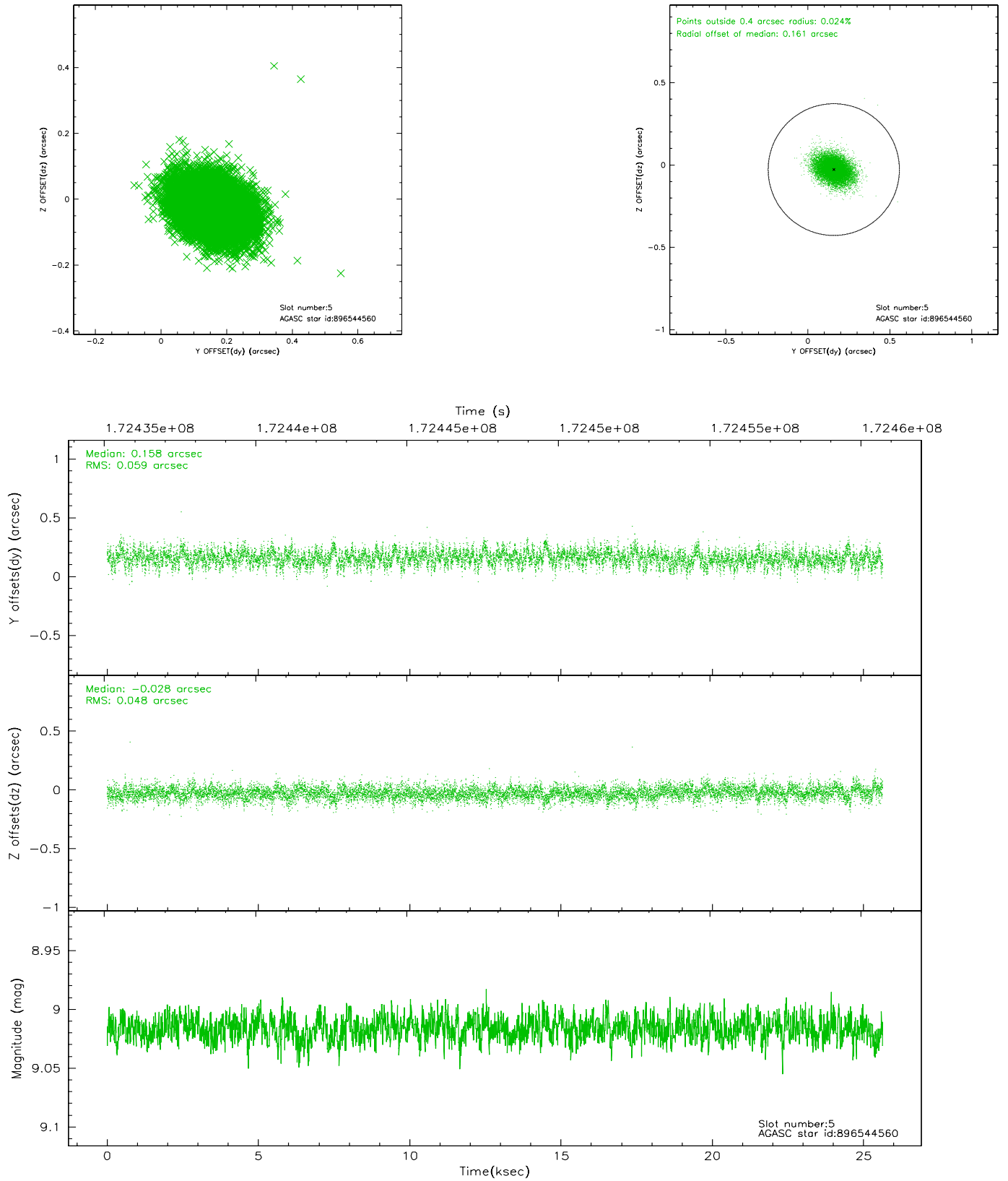
### 2.4.1 Slot 3



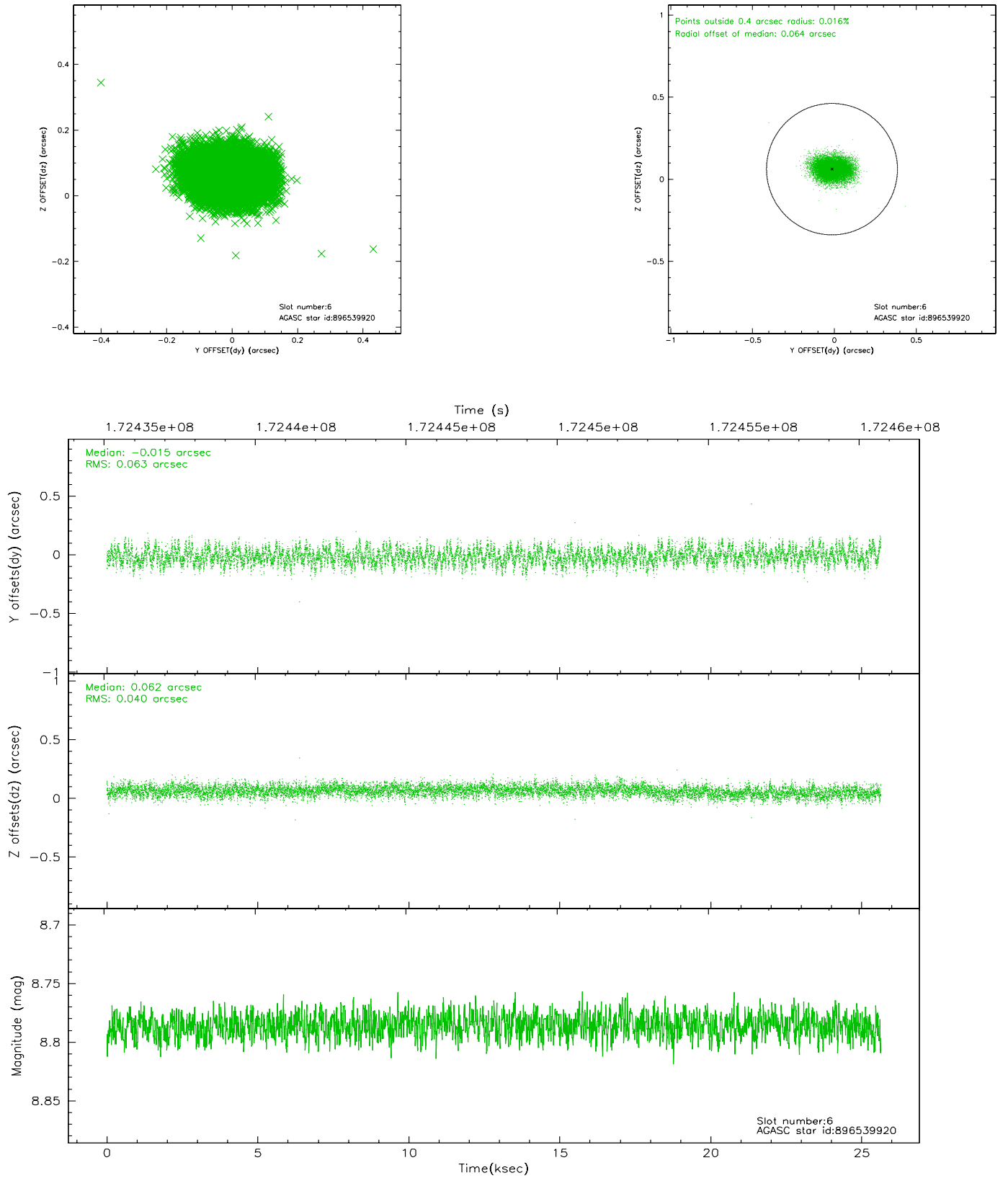
## 2.4.2 Slot 4



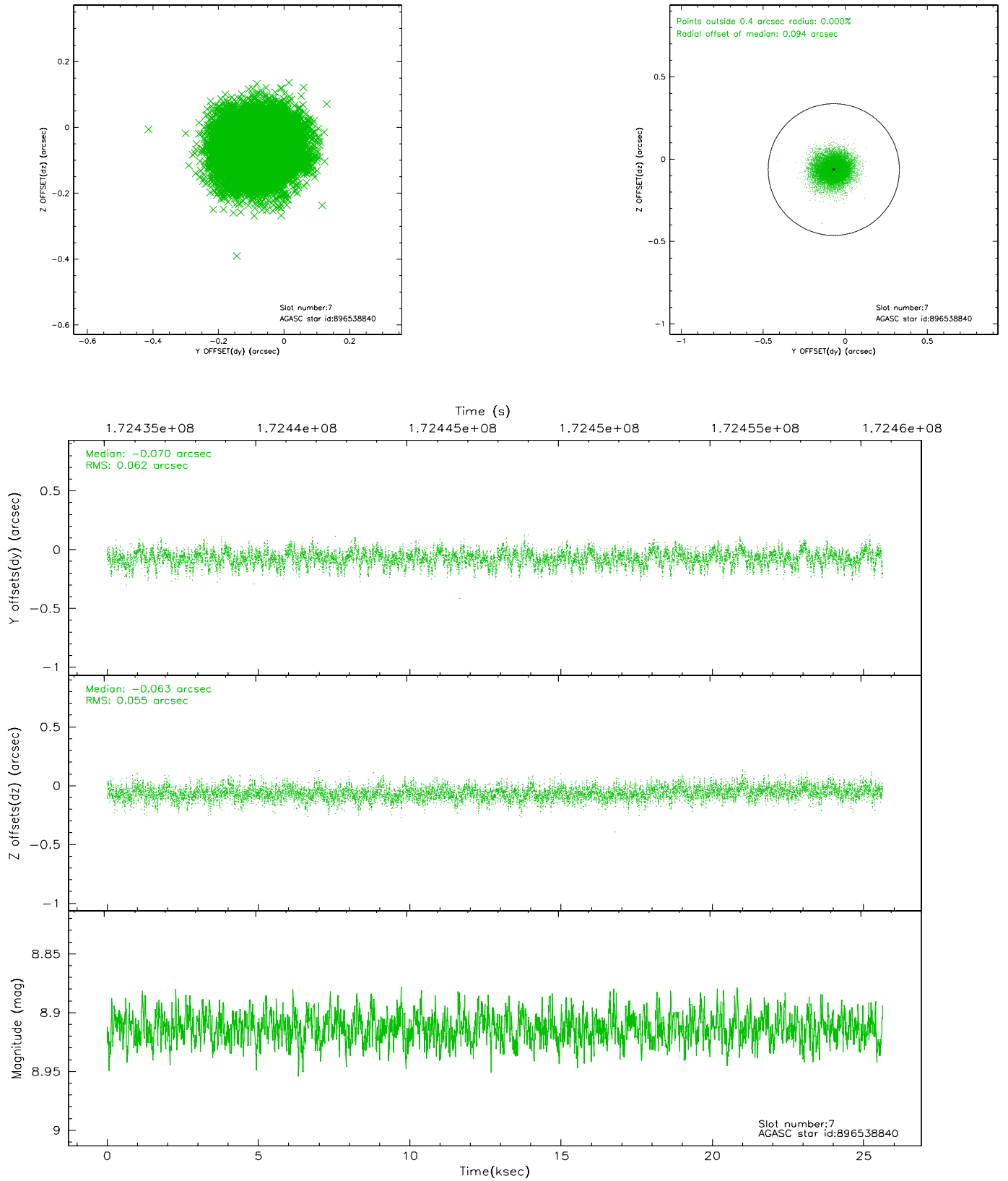
### 2.4.3 Slot 5



## 2.4.4 Slot 6

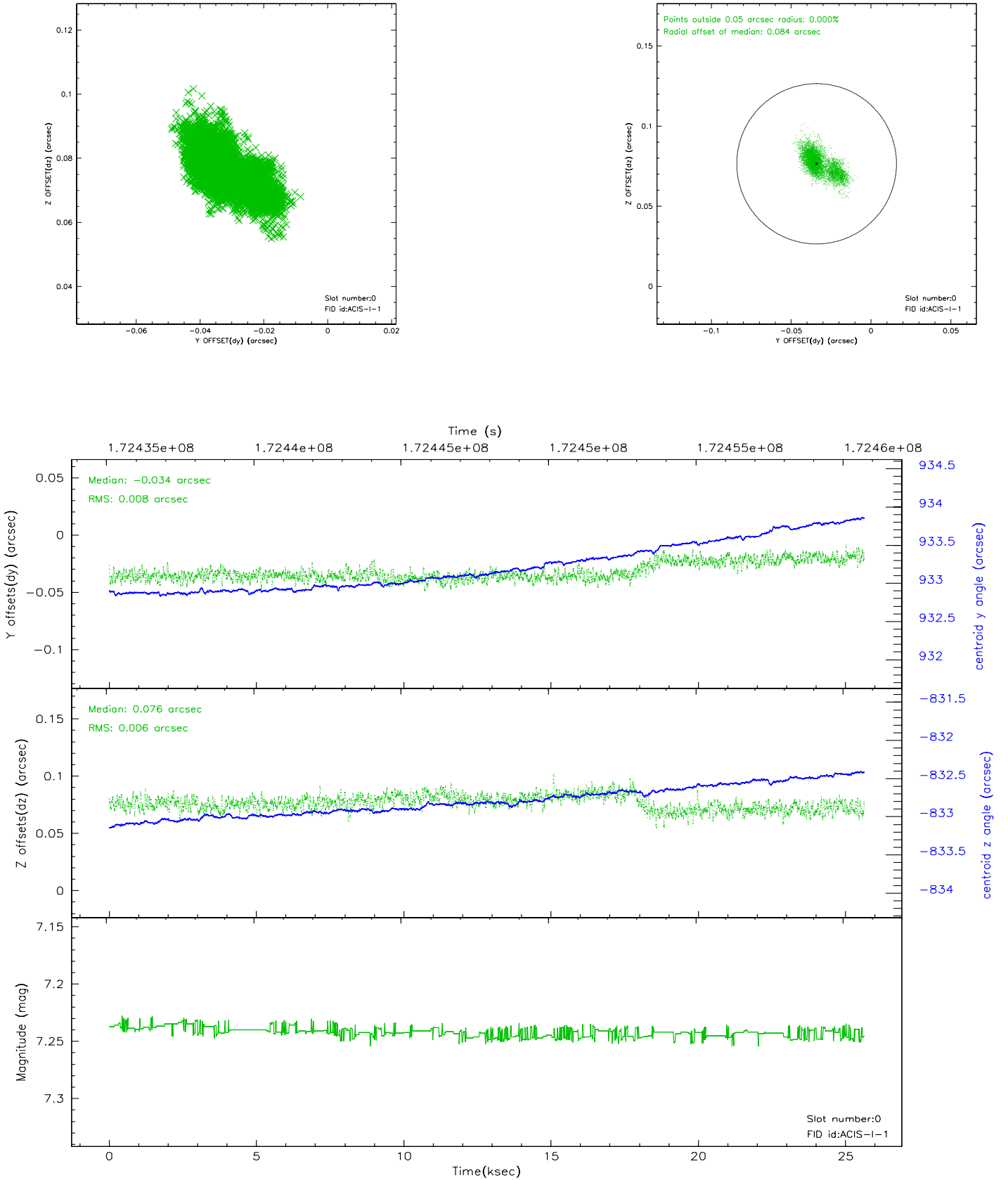


## 2.4.5 Slot 7

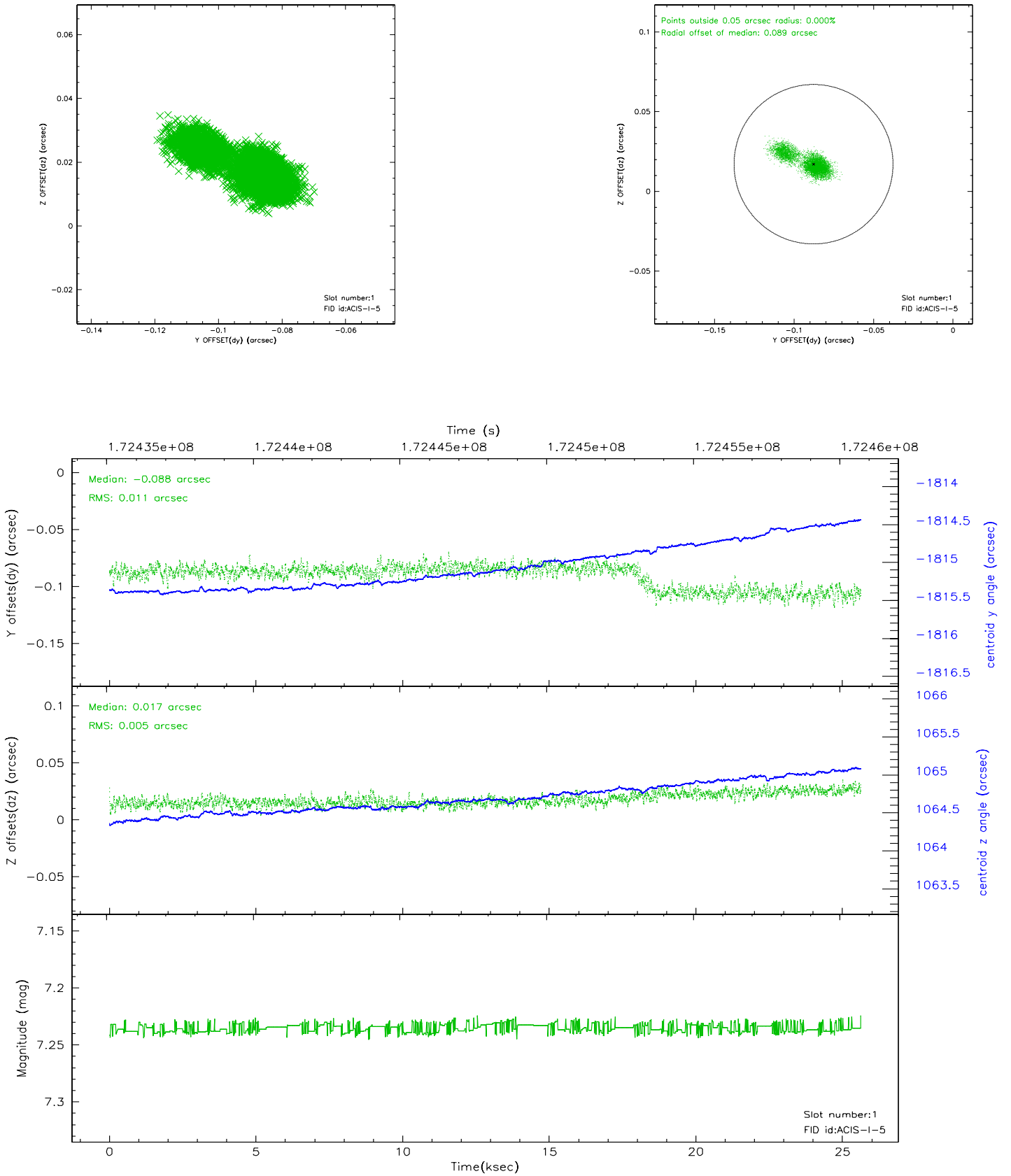


## 2.5 FID Slots

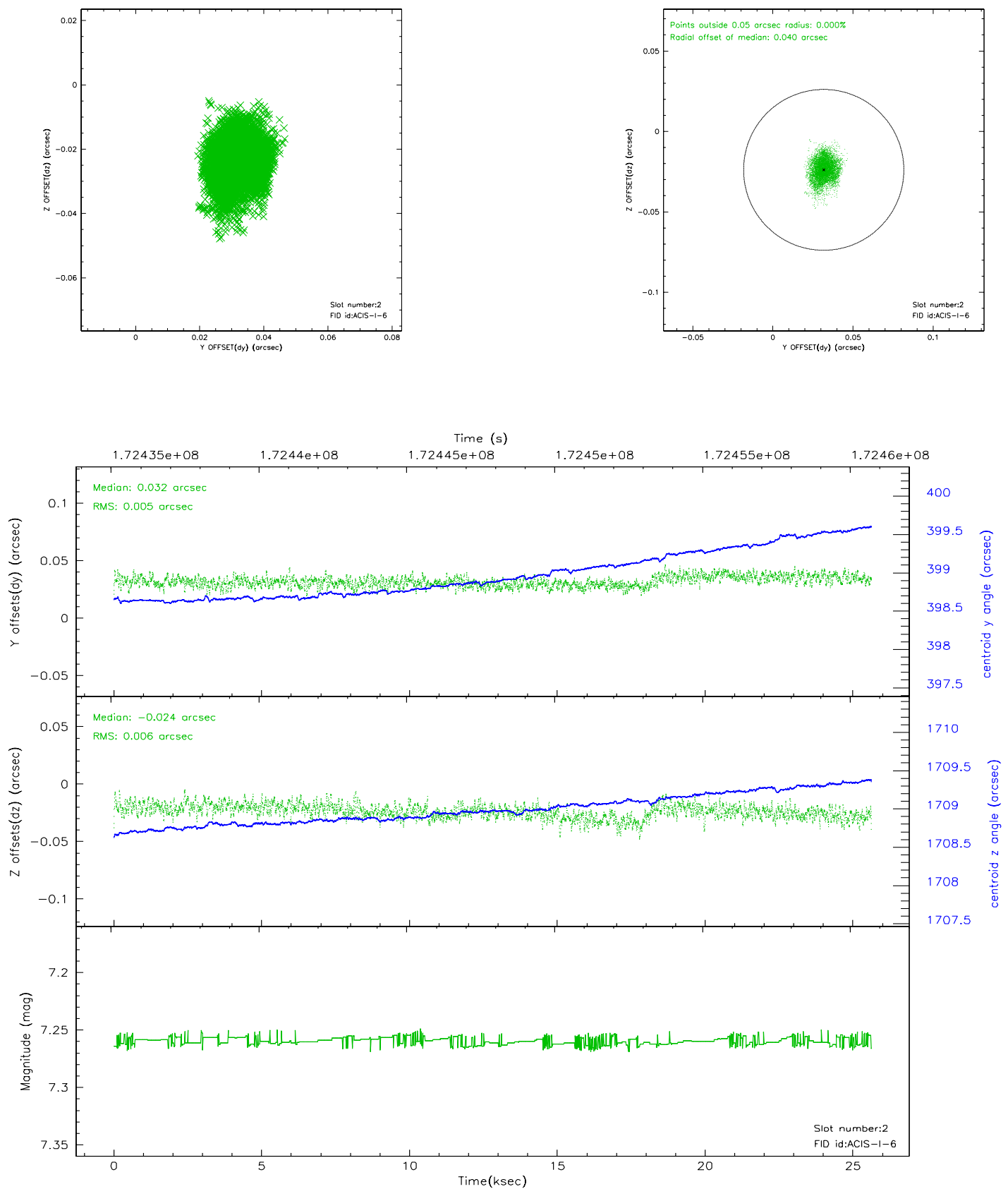
### 2.5.1 Slot 0



## 2.5.2 Slot 1

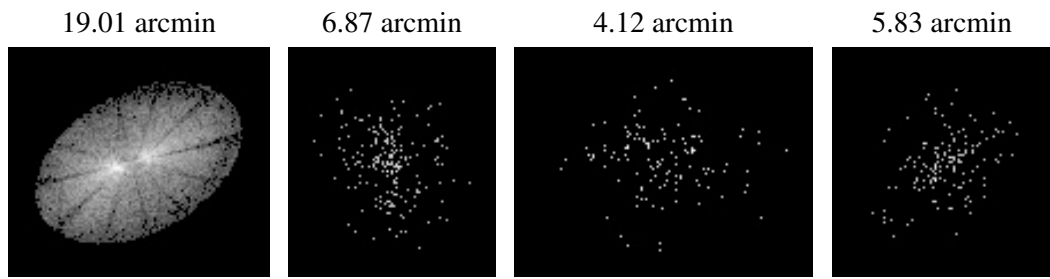


### 2.5.3 Slot 2





### 3 Point Sources



## A Summary

### A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.08.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	25.119

### A.2 Comments