

# V&V Reference Report

## L2 ASCDS Version : 7.6.8.1

Observation 3799 - L2 Version 001  
Chandra X-Ray Center

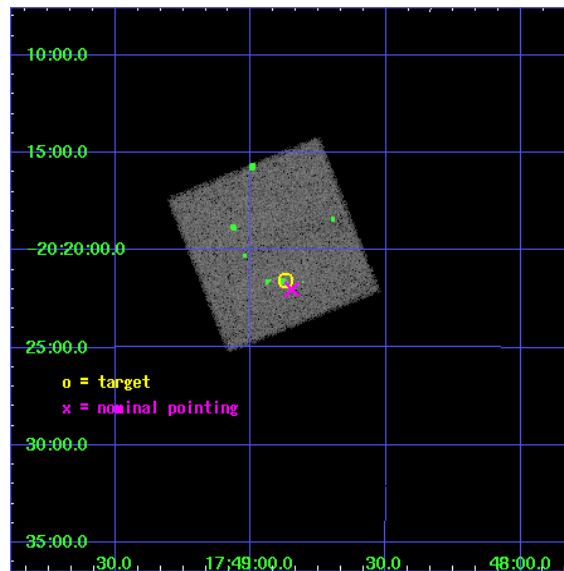
L2 Processing Date : Aug 10 2006

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# 1 Front

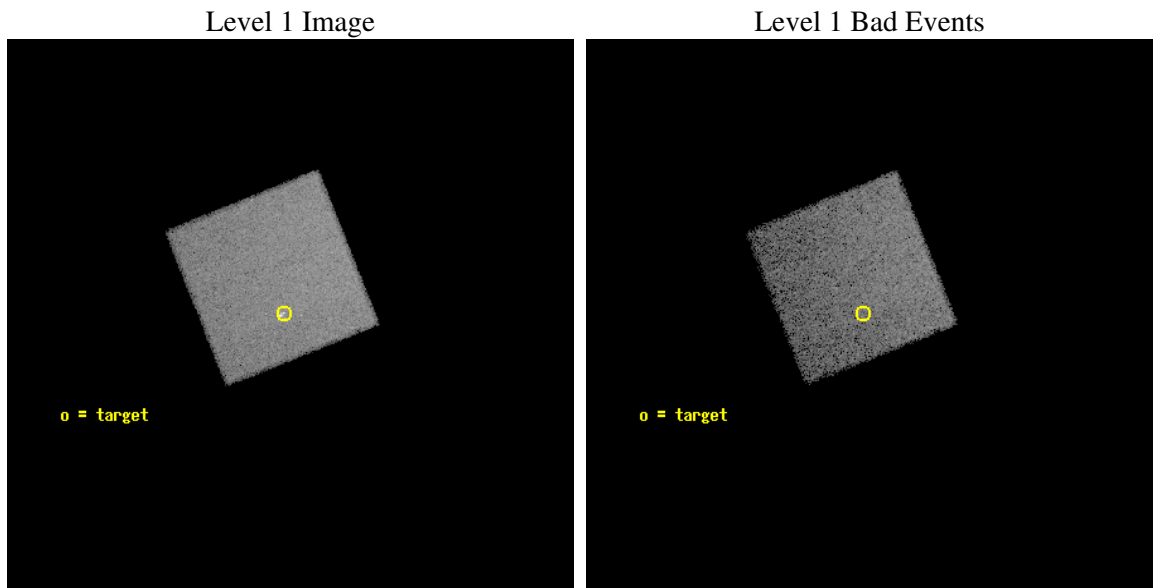
seq_num	400286
obs_id	3799
title	X-RAY QUIESCENT COUNTERPARTS OF THE GLOBULAR CLUSTER TRANSIENTS
observer	Dr. Rudy Wijnands
object	NGC 6440
dtcycle	0
cycle	P
ra_targ	267.2175
dec_targ	-20.358889
ra_nom	267.21206963733
dec_nom	-20.36710153872
roll_nom	248.15157001714
revision	2
ontime	24375.0
livetime	24046.050035514
ontime7	24375.0
l2events	72697



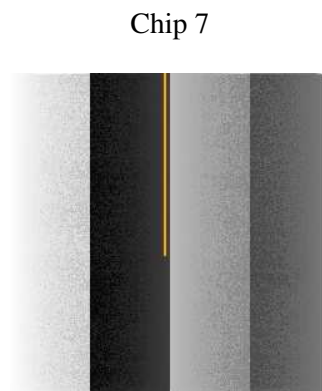
## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias



### 2.1.3 Parameters

obi_num	1
ascdsver	7.6.8.1
caldbver	3.2.2
date	2006-08-10T04:33:55
revision	2

sched_exp_time	24000.000000
ontime	24647.361218244
ontime7	24647.361218244
l1events	192433

### 2.1.4 Events

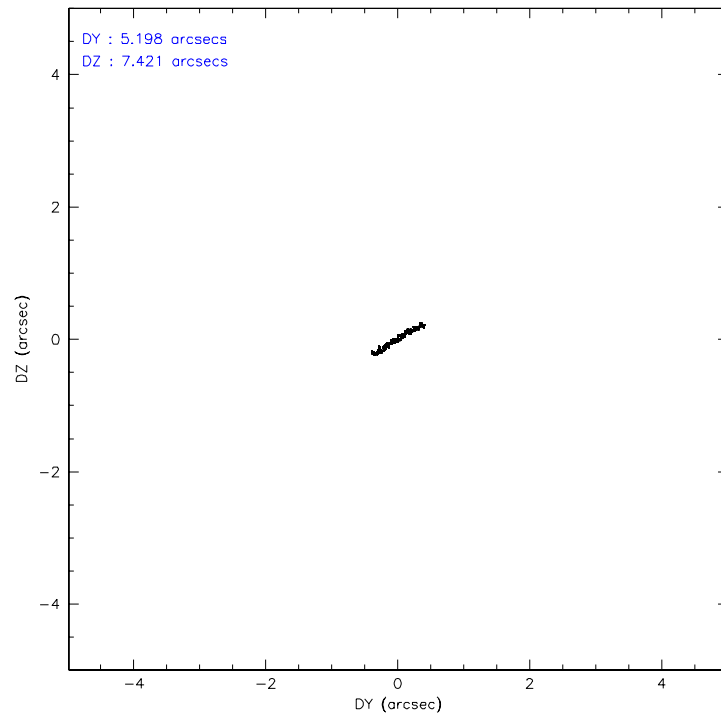
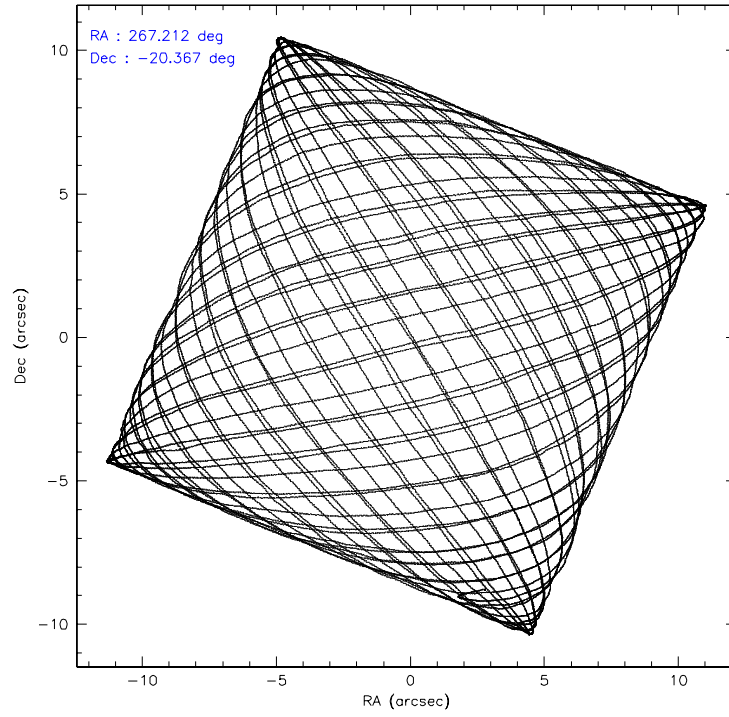
	<b>ccd 7</b>
level 1 events	192433
rejected events	117899
rejected %	61%

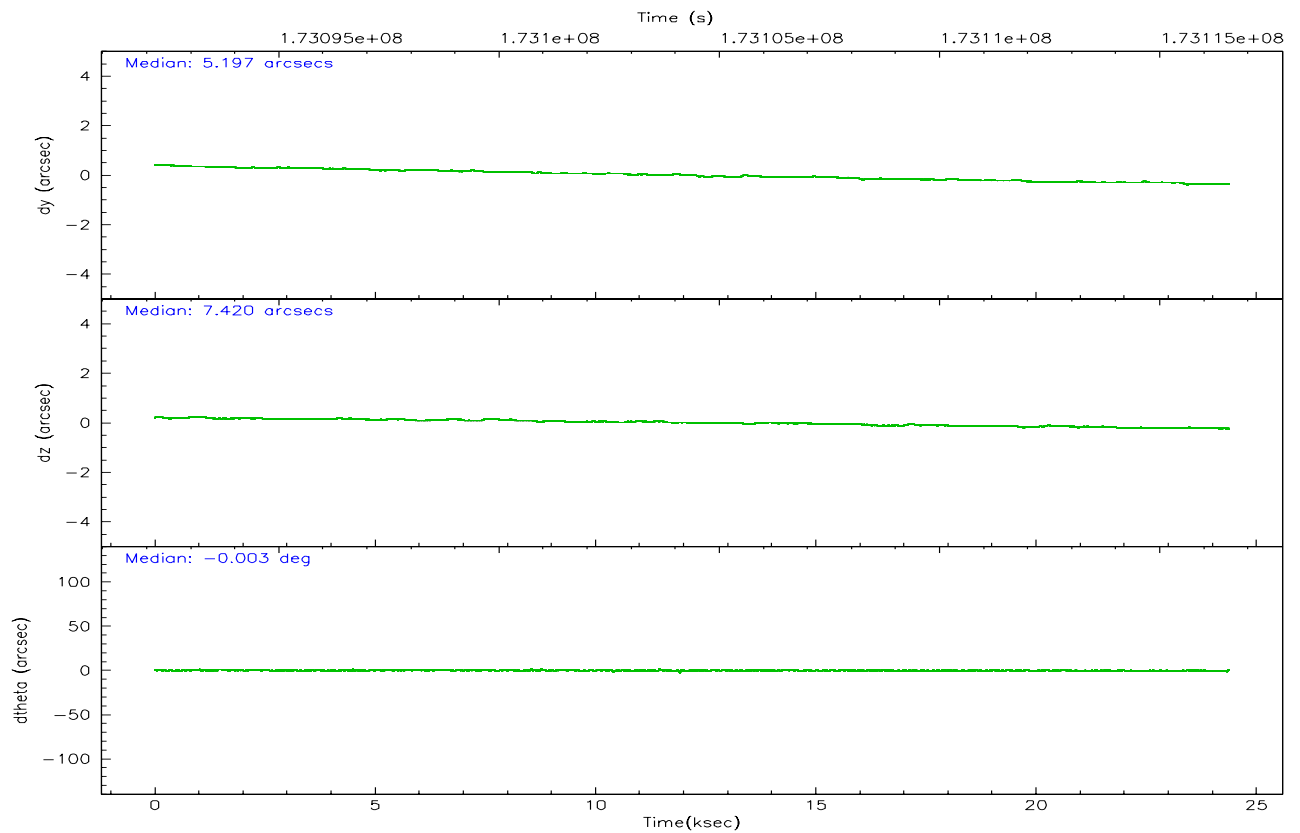
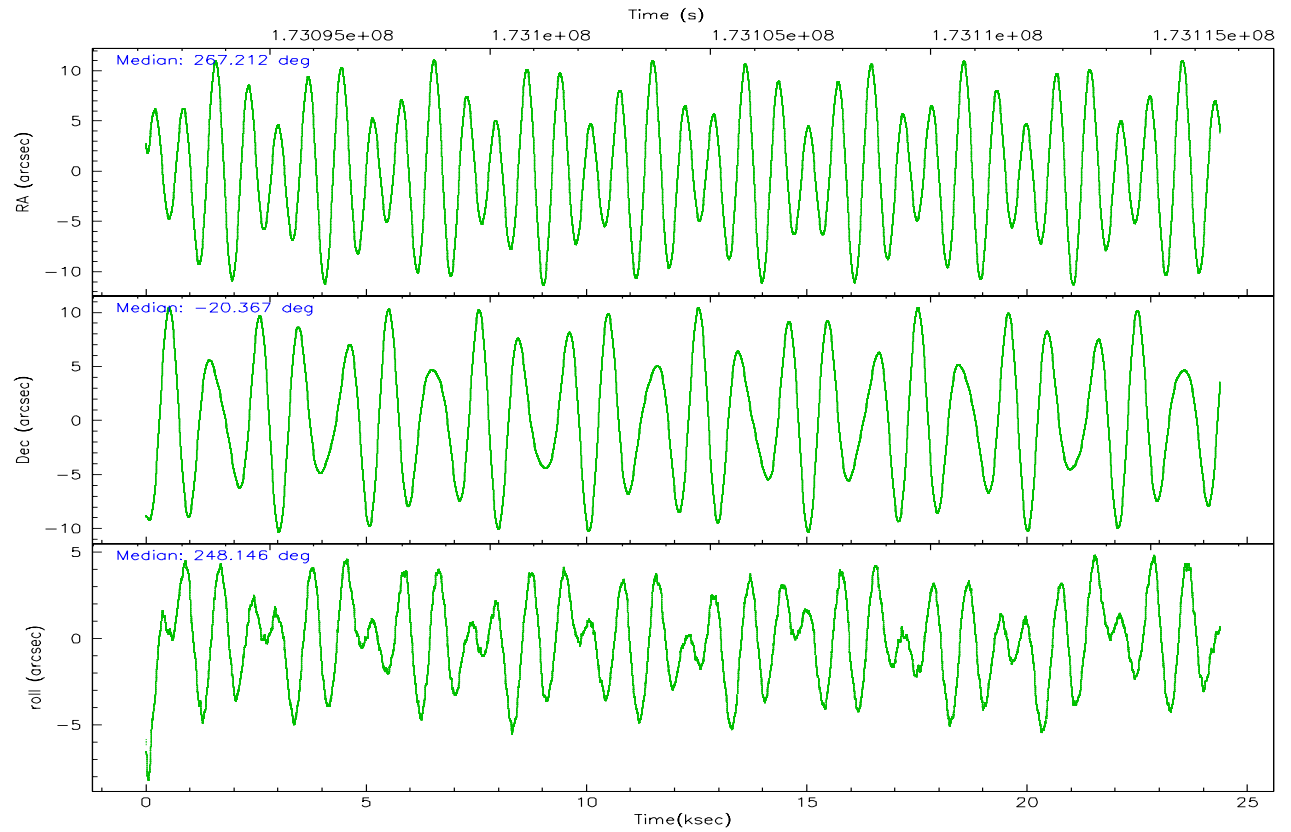
	<b>ccd 7</b>
grade 0 events	5014
	2%
grade 1 events	121
	0%
grade 2 events	18557
	9%
grade 3 events	4157
	2%
grade 4 events	4091
	2%
grade 5 events	12579
	6%
grade 6 events	43512
	22%
grade 7 events	104402
	54%

## 2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-7	ACIS-7	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	267.207534	267.2120696373287	Alternating exposures requested	N	N
Pointing Dec	-20.340196	-20.36710153871957	Primary exposure time	0.000000	3
Pointing Roll	247.993358	248.1515700171409			
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	173092576.184000	173091515.57605			
Observation start date	2003-06-27T09:15:12	2003-06-27T08:58:35			
Observation end time	173116576.184000	173117249.22715			
Observation end date	2003-06-27T15:55:12	2003-06-27T16:07:29			
Read mode	TIMED	TIMED			

## 2.3 Aspect





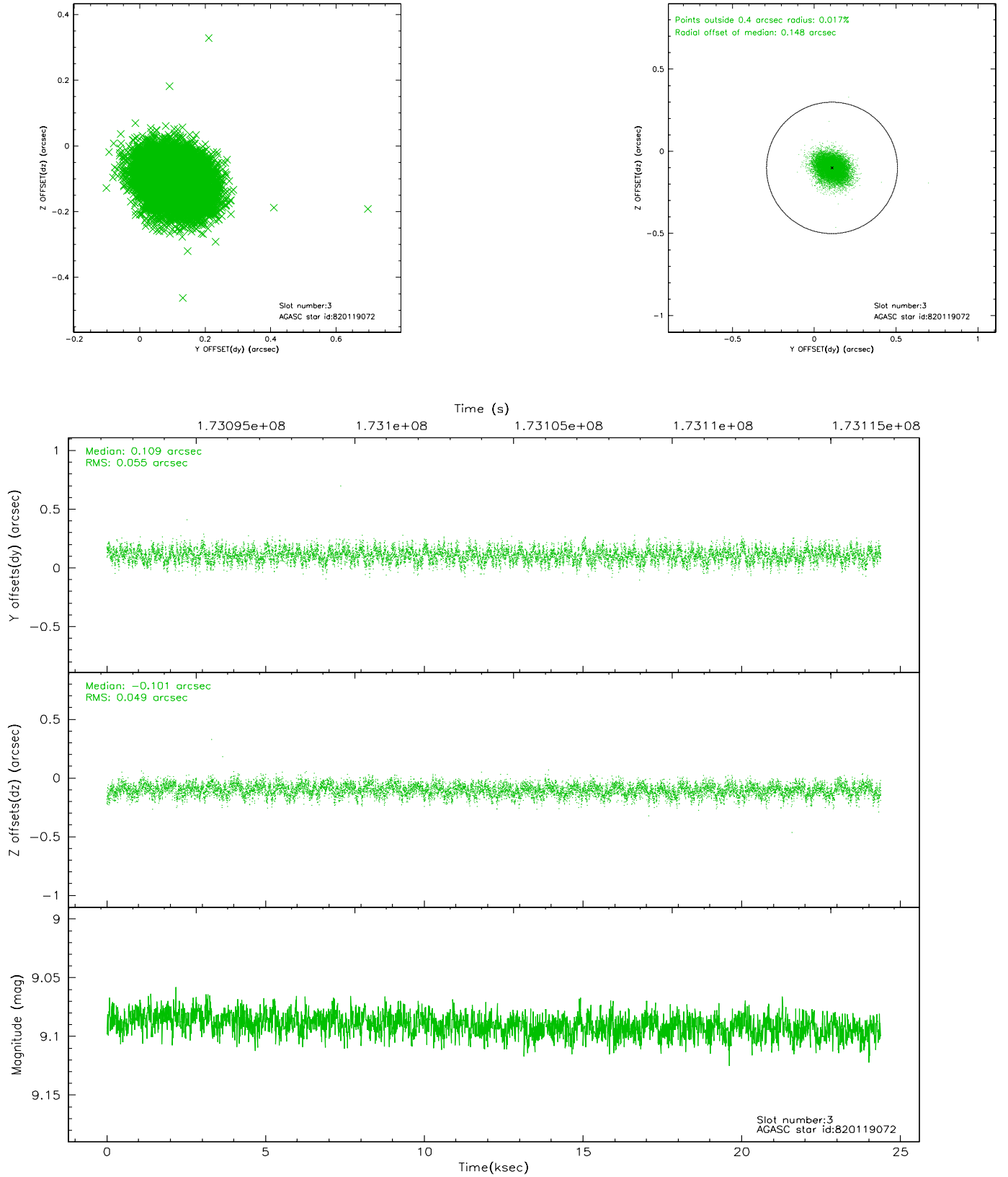
### Slot Statistics

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	5946	-0.041	-0.017	0.016	0.024	0.000000	0.000000	-757.97	-1728.55
1	FID	ACIS-S-4	7.20	5944	0.007	0.034	0.010	0.017	0.000000	0.000000	2155.33	179.80
2	FID	ACIS-S-6	7.36	5946	0.005	-0.012	0.011	0.017	0.000000	0.000000	404.26	817.32
3	GUIDE	820119072	9.09	11885	0.109	-0.101	0.079	0.126	267.464837	-19.906178	-1774.15	222.28
4	GUIDE	820119768	7.95	11891	0.031	-0.067	0.064	0.101	267.398392	-20.006729	-1354.54	148.99
5	GUIDE	820121744	6.73	11894	-0.063	0.206	0.050	0.083	267.173633	-19.779615	-1827.99	-862.39
6	GUIDE	820250968	8.28	11894	-0.012	-0.008	0.067	0.110	268.040879	-20.078647	-1922.56	2262.32
7	GUIDE	820645320	9.65	11889	-0.067	-0.024	0.105	0.169	267.808573	-20.646290	266.07	2292.03

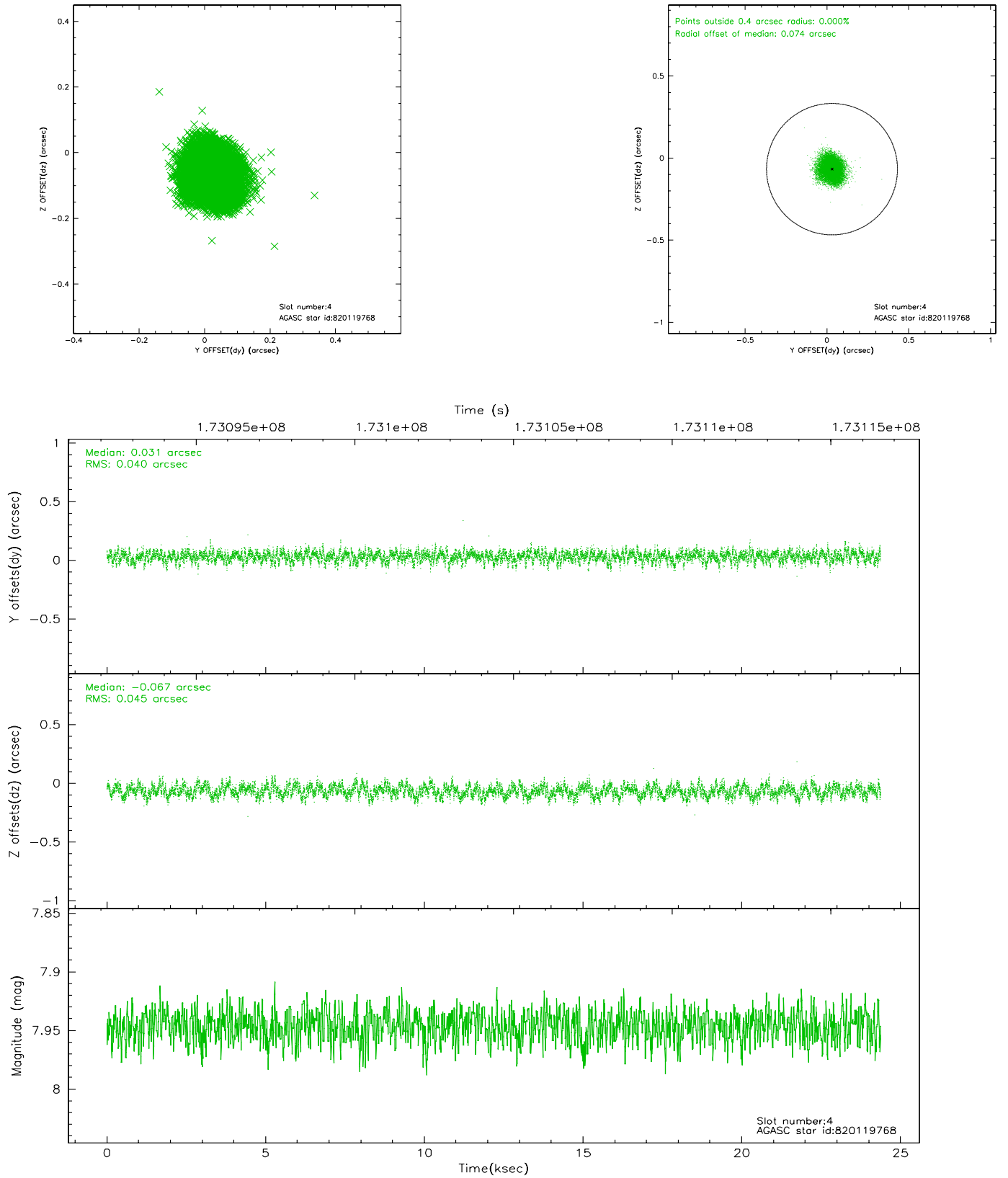


## 2.4 Star Slots

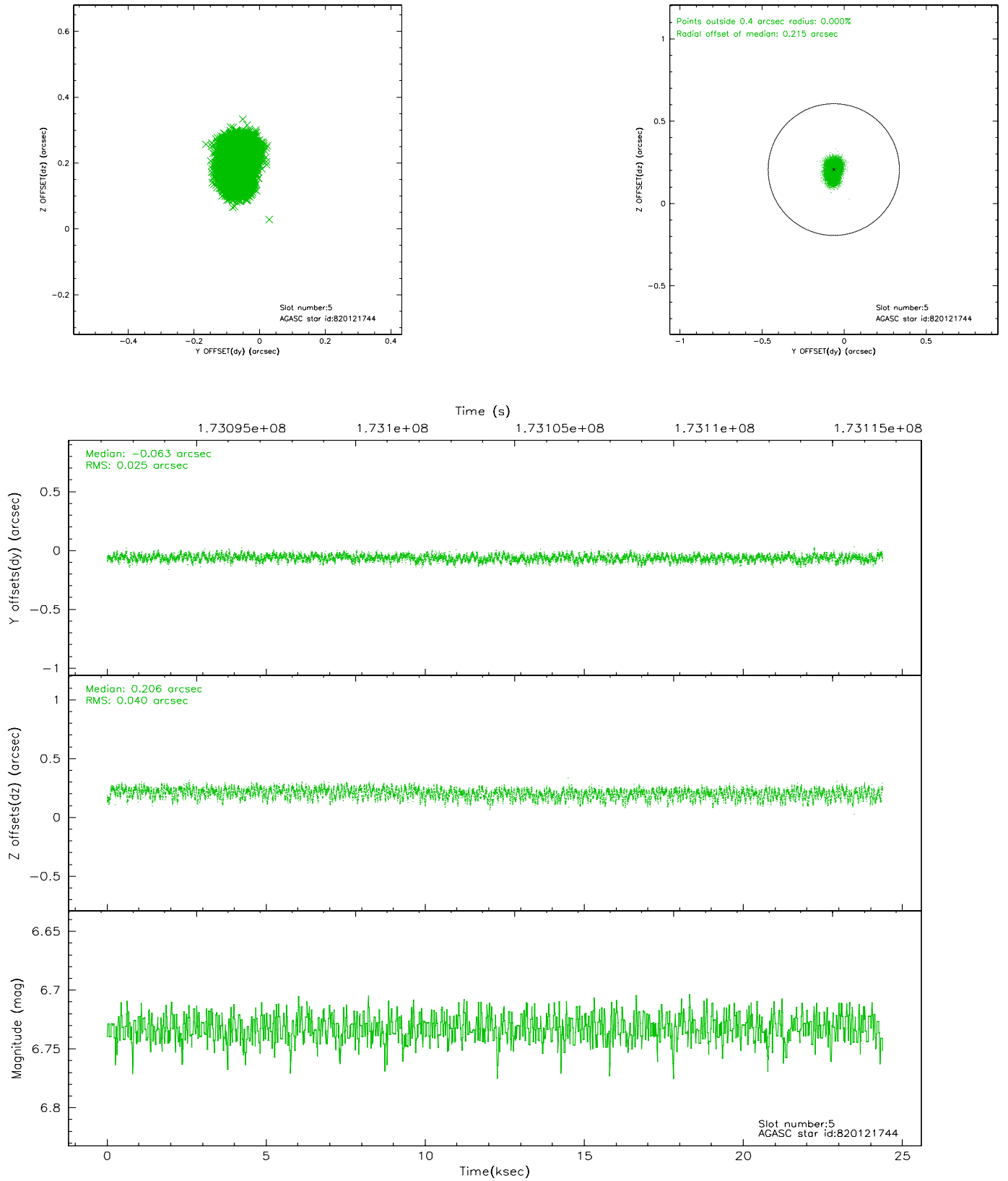
### 2.4.1 Slot 3



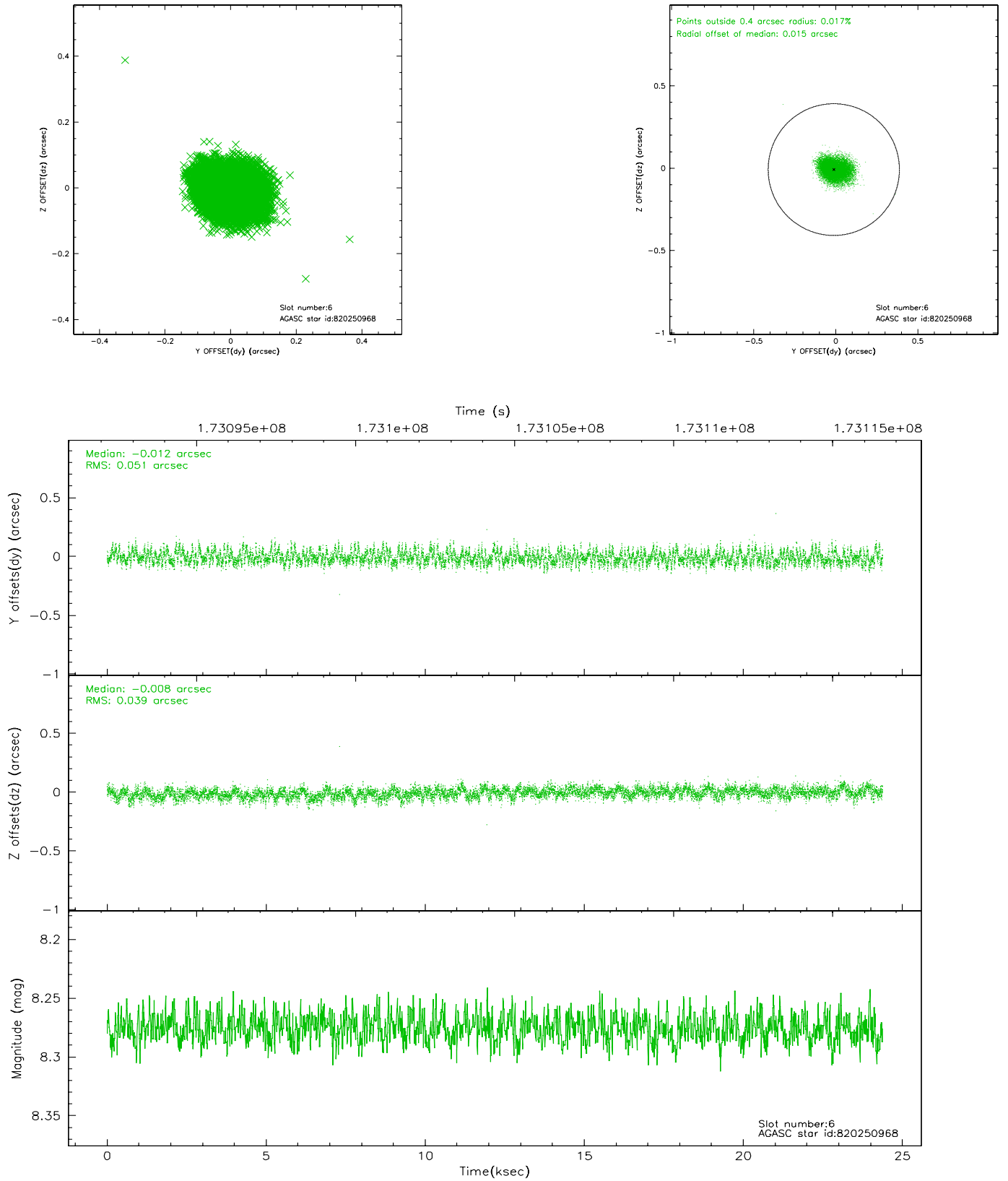
## 2.4.2 Slot 4



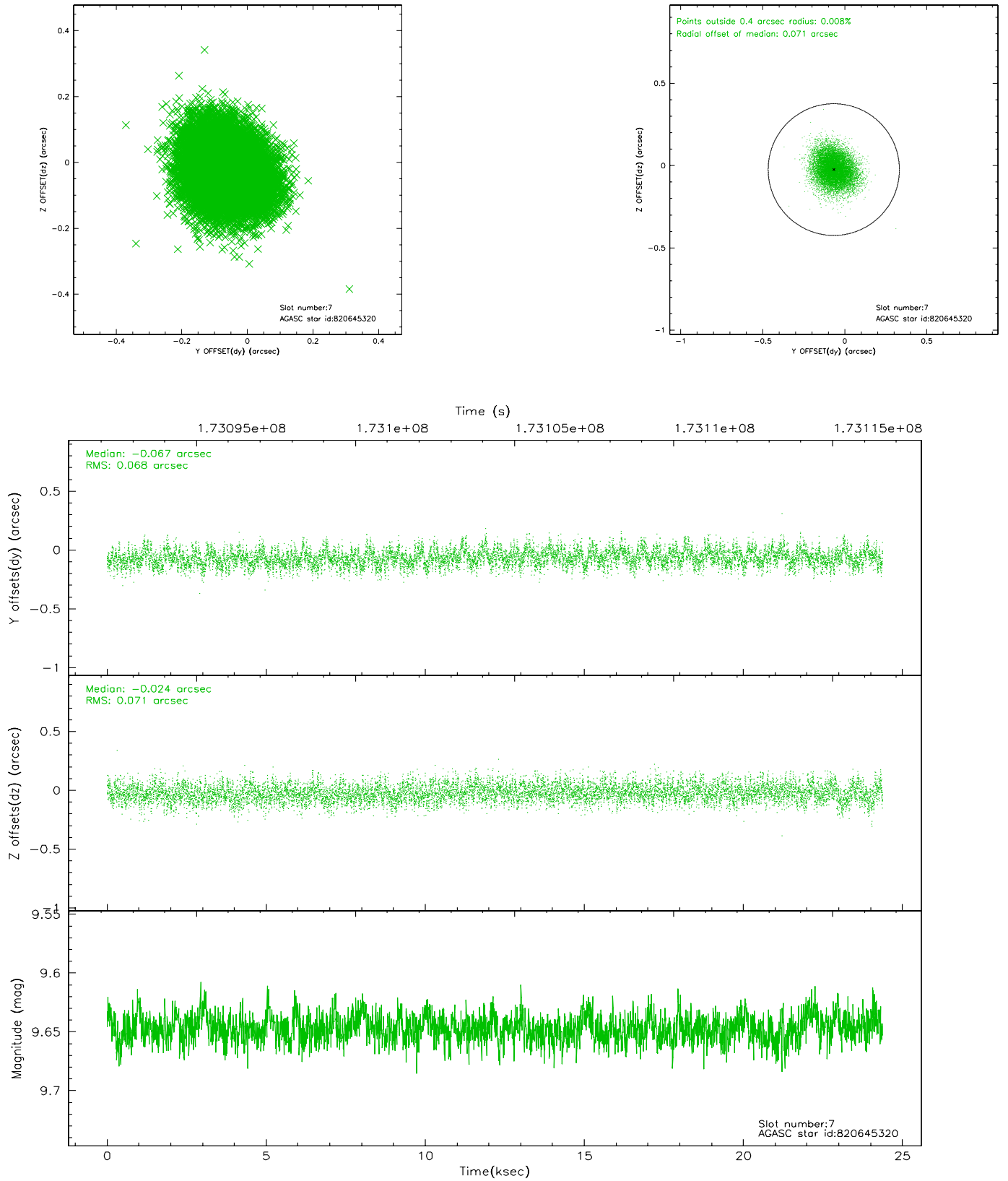
### 2.4.3 Slot 5



## 2.4.4 Slot 6

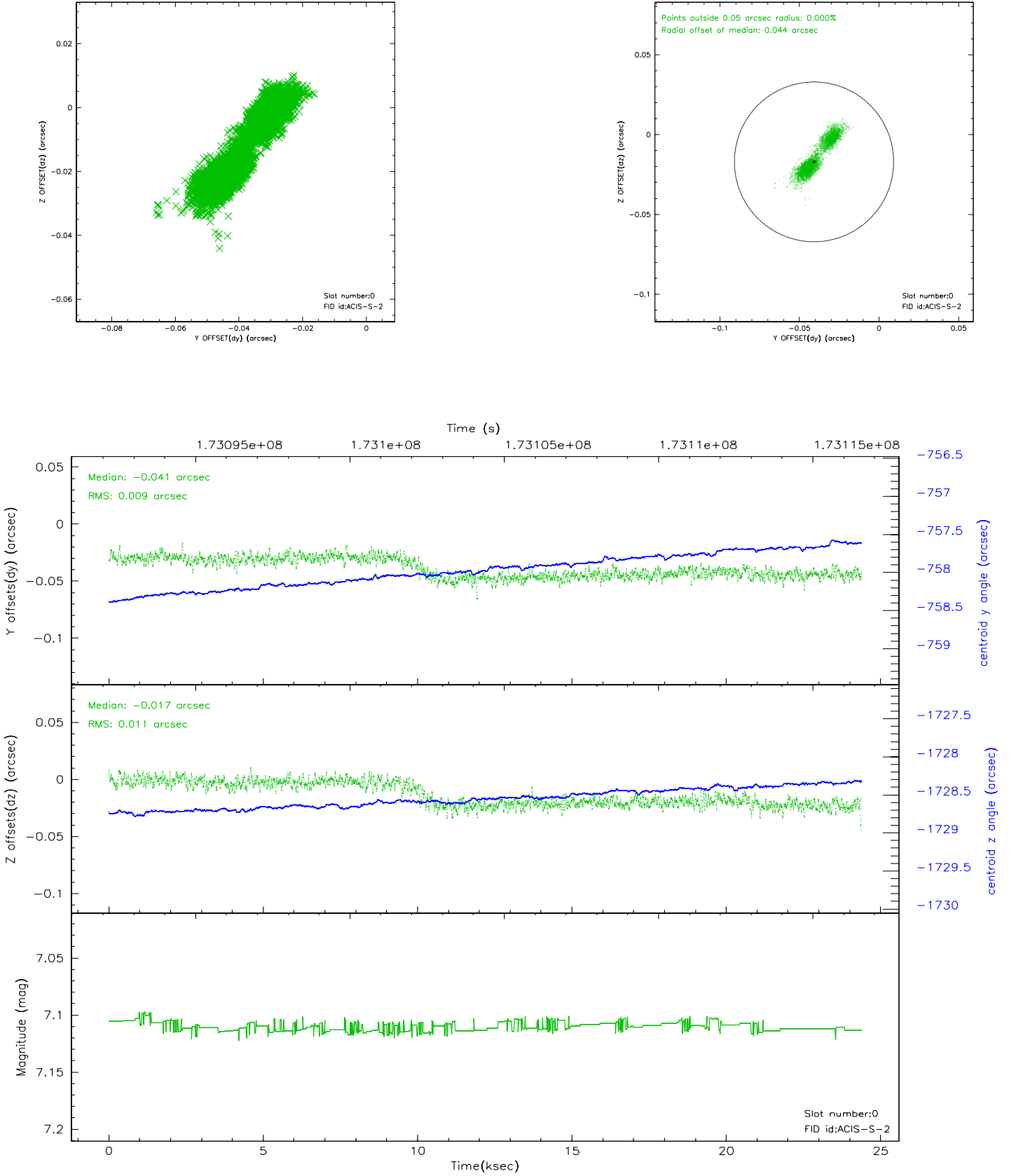


## 2.4.5 Slot 7

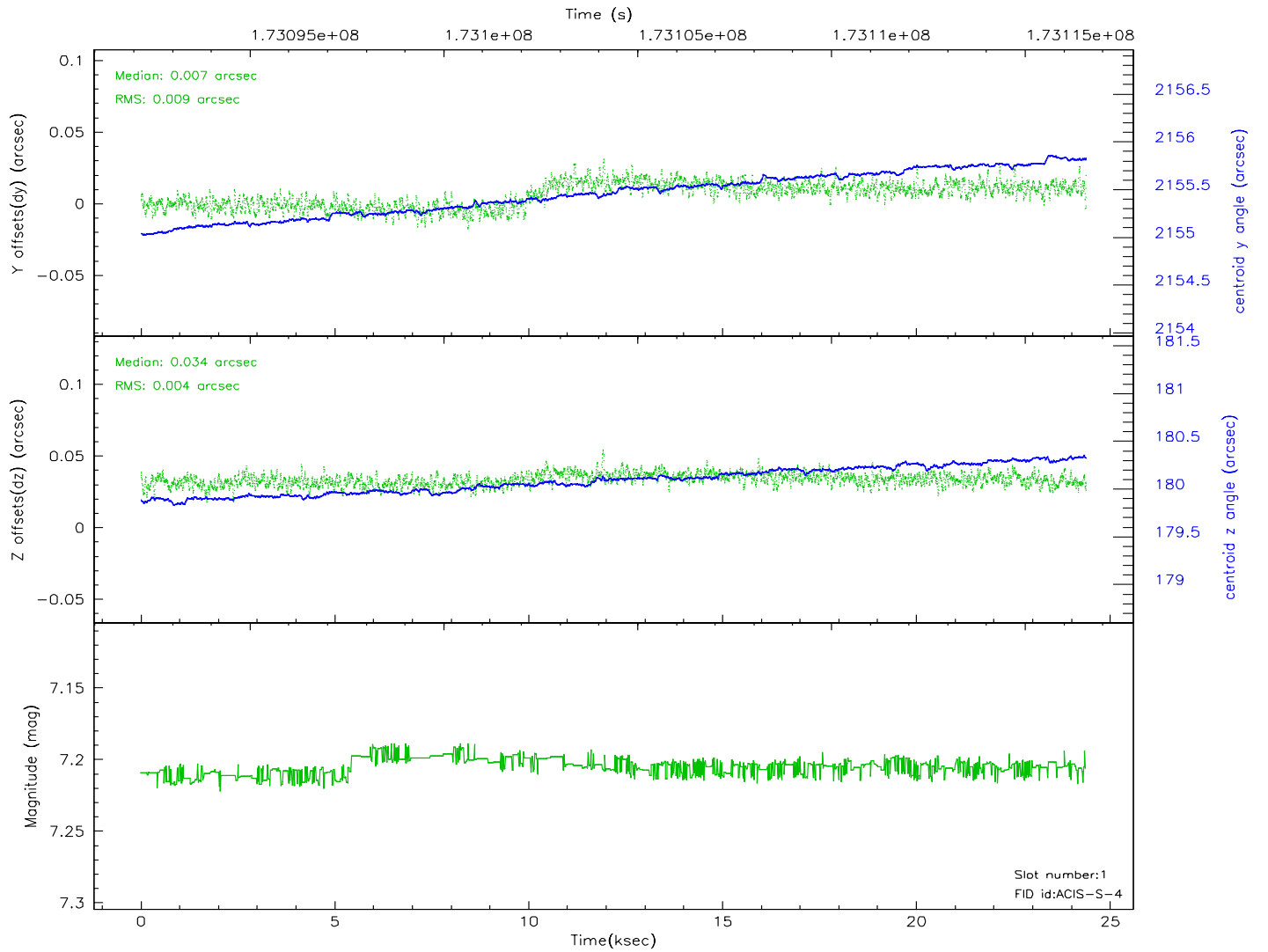
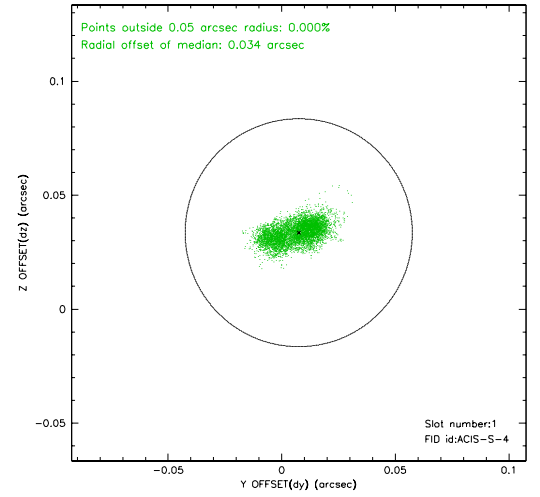
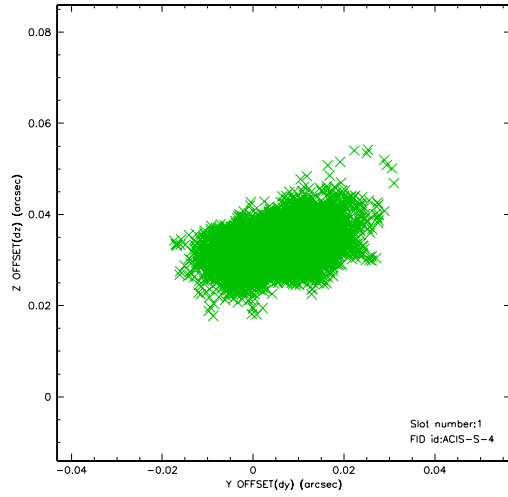


## 2.5 FID Slots

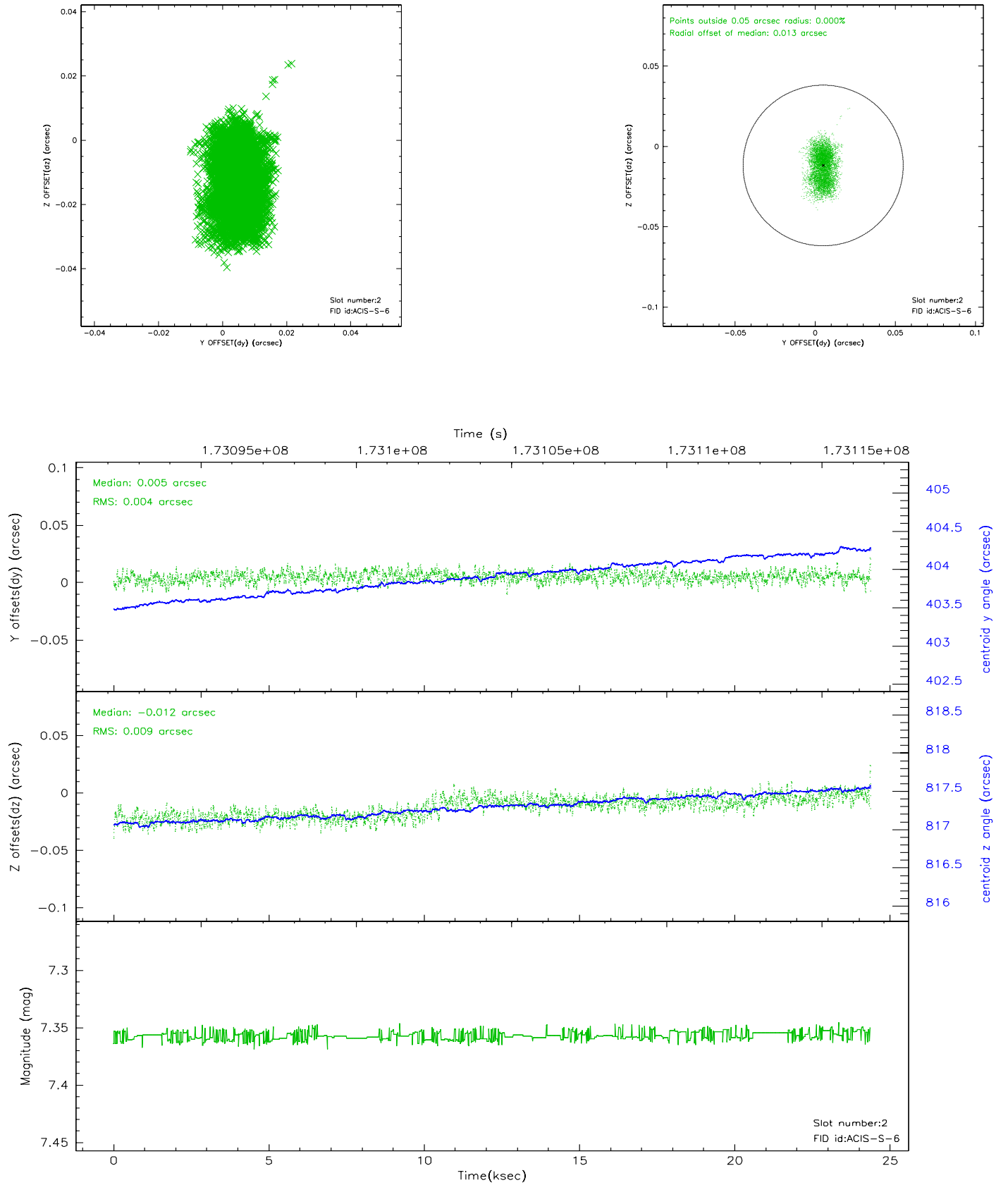
### 2.5.1 Slot 0



## 2.5.2 Slot 1

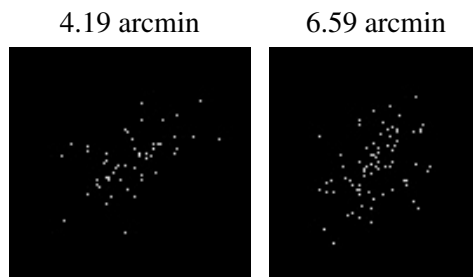


### 2.5.3 Slot 2





### 3 Point Sources



## A Summary

### A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.08.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	24.375

### A.2 Comments