

# V&V Reference Report

## L2 ASCDS Version : 7.6.7.1

Observation 5704 - L2 Version 002  
Chandra X-Ray Center

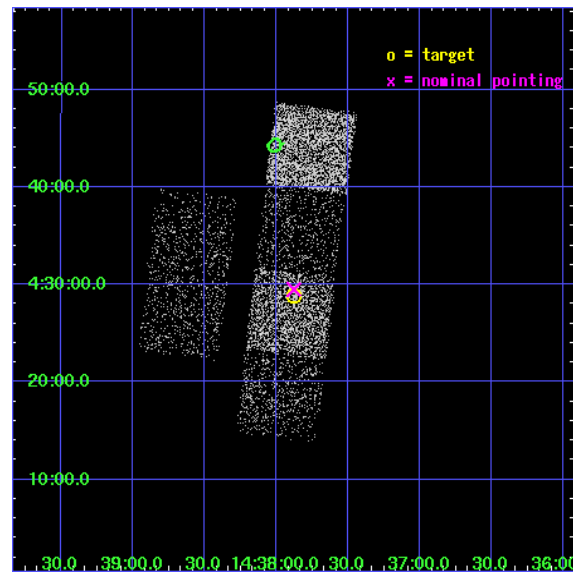
L2 Processing Date : Mar 17 2006

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# 1 Front

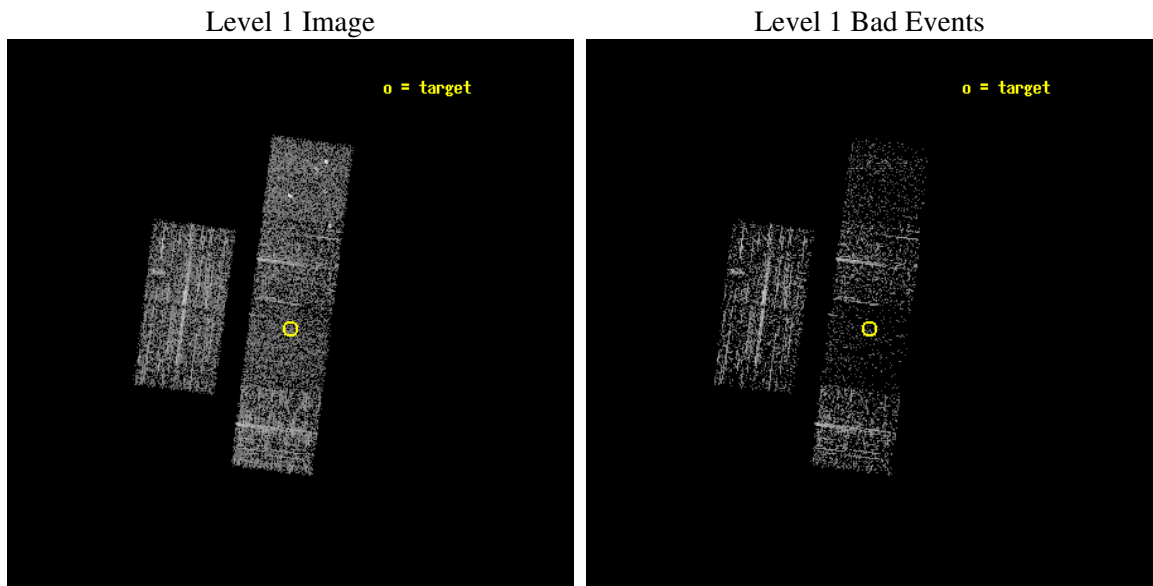
seq_num	701126
obs_id	5704
title	A Uniform Chandra Survey of the Brightest and Most Extreme SDSS BALQSOs
observer	Prof. Scott Anderson
object	SDSS J143752.76+042854.5
dtcycle	0
cycle	P
ra_targ	219.47
dec_targ	4.481806
ra_nom	219.47021503788
dec_nom	4.4915066769605
roll_nom	97.158508552075
revision	2
ontime	1545.5999942422
livetime	1526.0286764665
ontime2	1545.5999942422
ontime3	1545.5999942422
ontime5	1545.5999942422
ontime6	1545.5999942422
ontime7	1545.5999942422
ontime8	1545.5999942422
l2events	8376



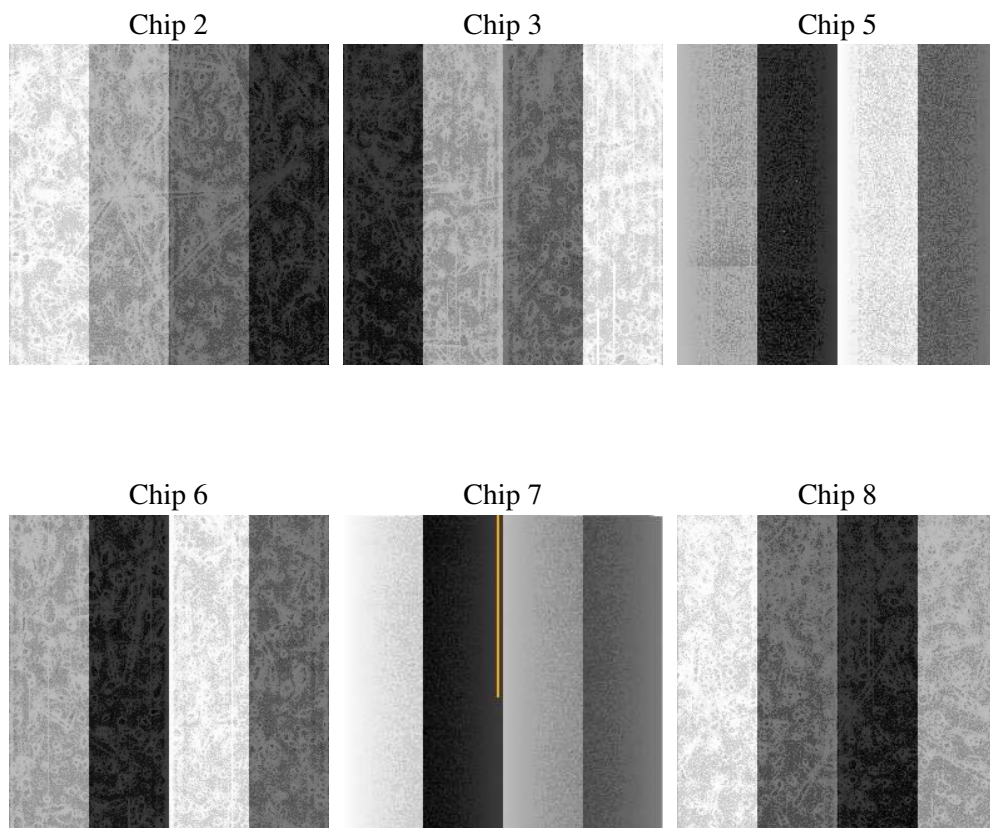
## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias



### 2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.1
caldsver	3.2.1
date	2006-03-17T12:22:09
revision	2

sched_exp_time	1500.000000
ontime	1552.4441005588
ontime2	1552.4440806806
ontime3	1552.4440806806
ontime5	1552.4441005588
ontime6	1552.4441005588
ontime7	1552.4441005588
ontime8	1552.4440806806
l1events	46273

### 2.1.4 Events

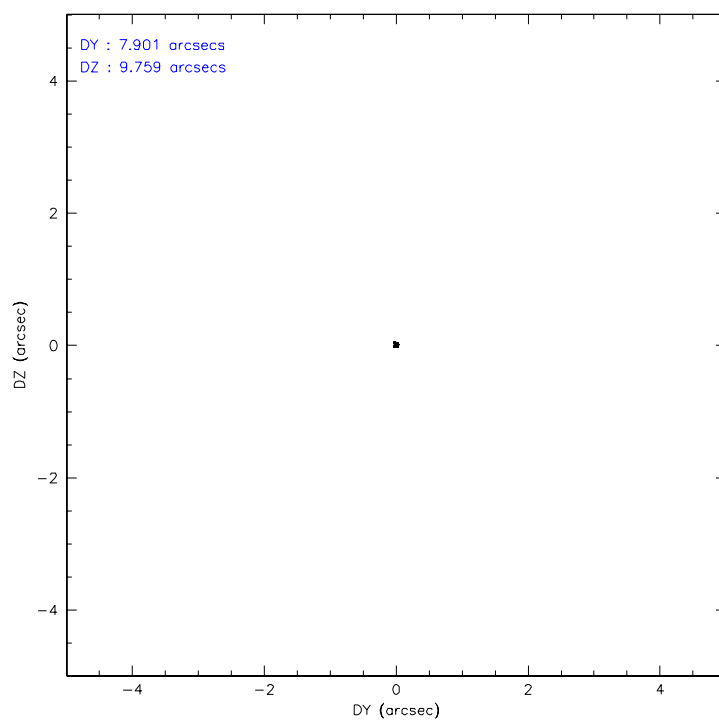
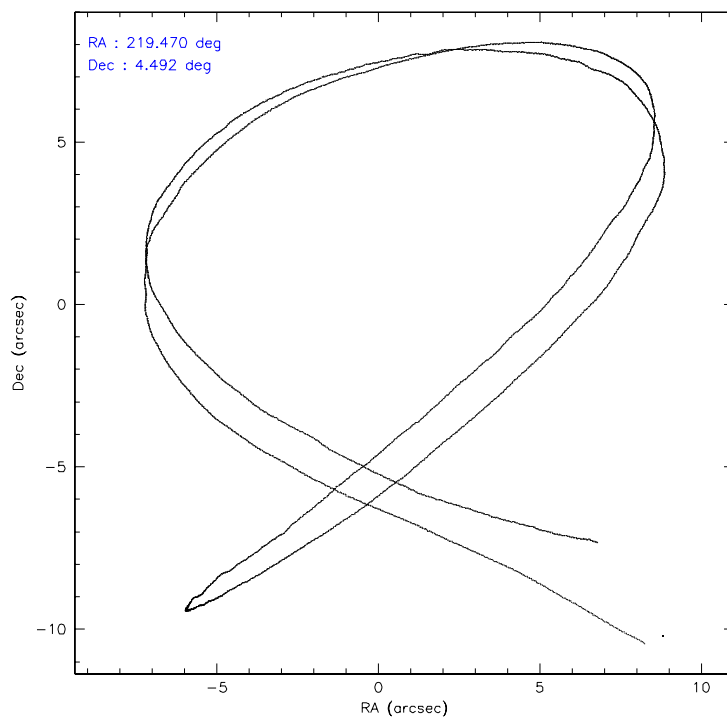
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	9617	7911	7496	7005	4602	9642
rejected events	8933	7267	2902	6307	2100	7573
rejected %	92%	91%	38%	90%	45%	78%

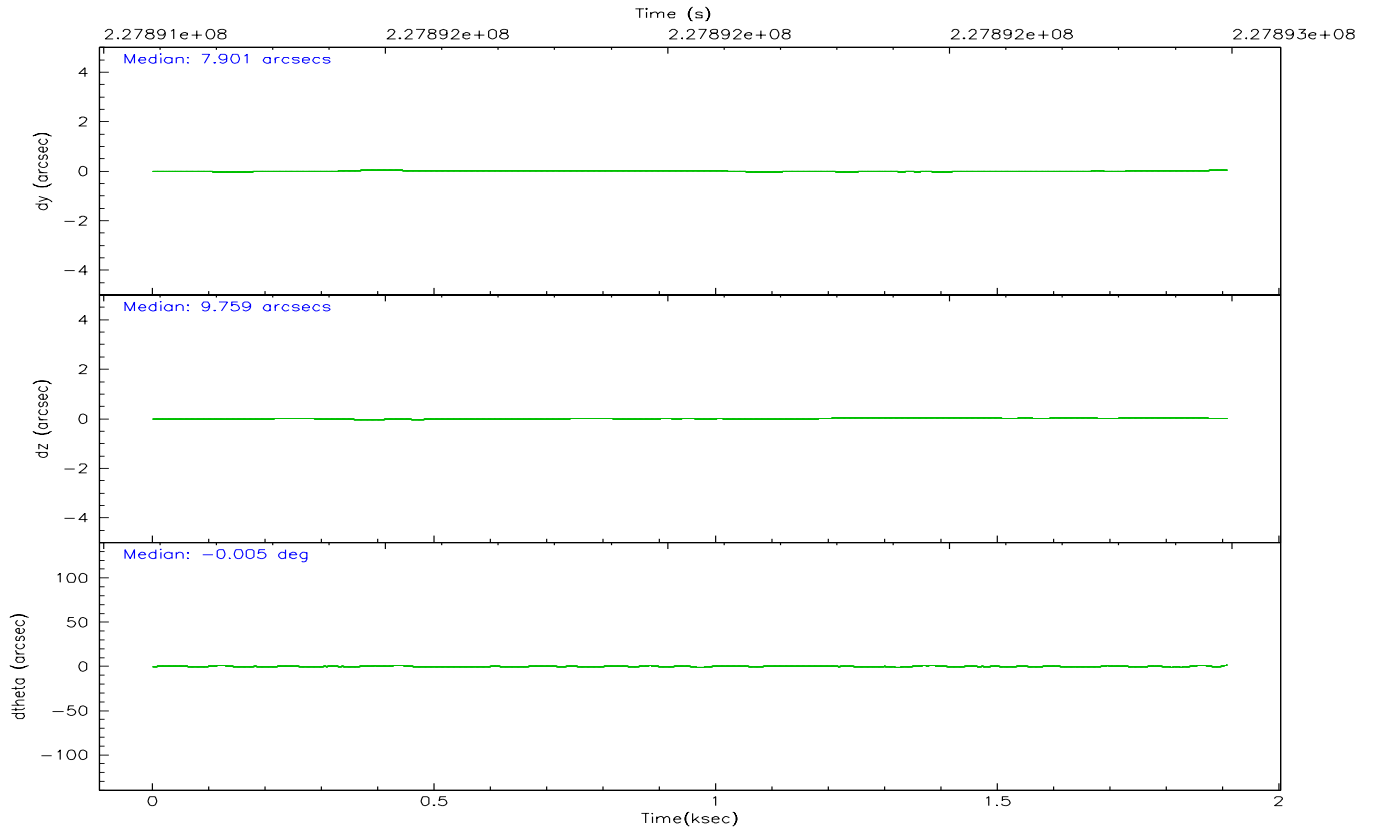
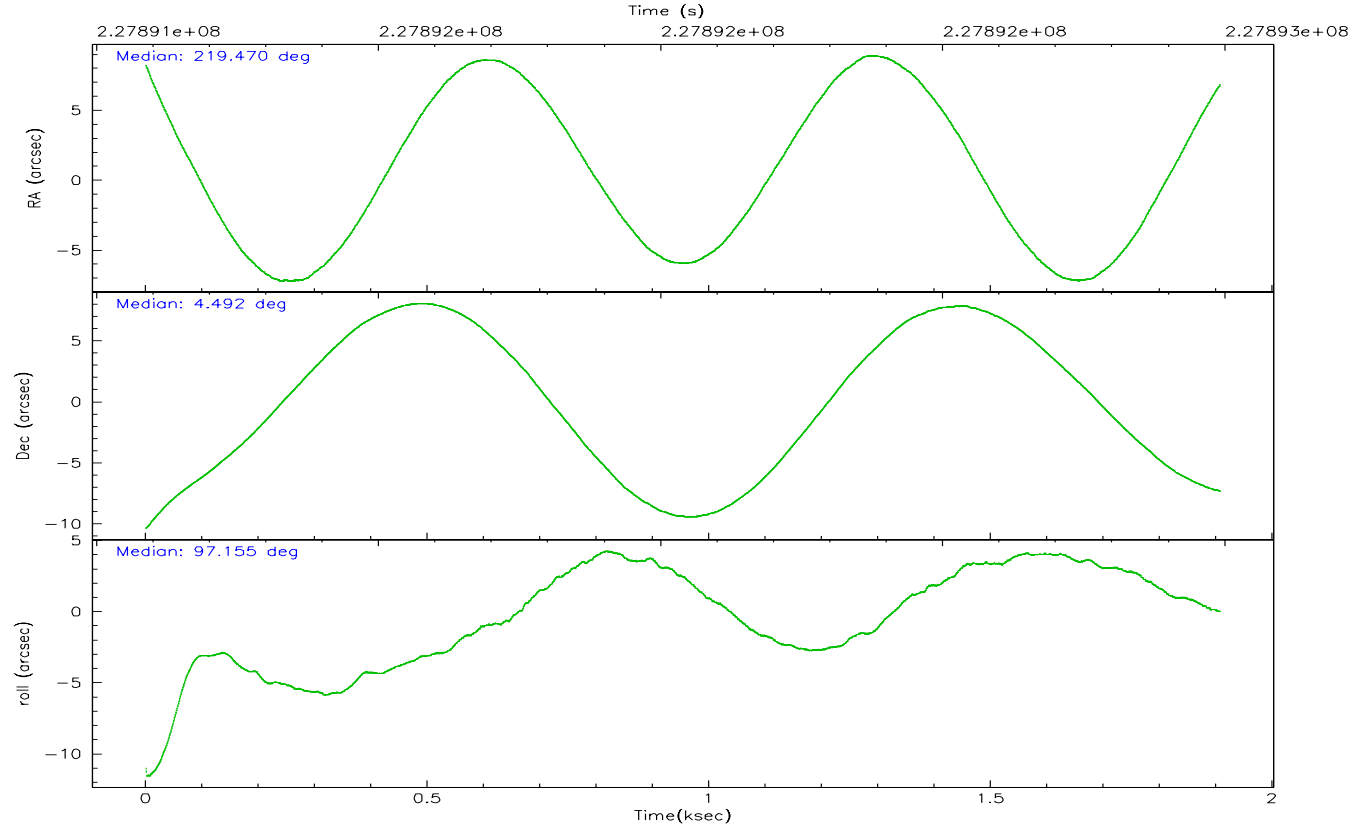
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	277	271	866	291	231	597
	2%	3%	11%	4%	5%	6%
grade 1 events	0	3	34	4	6	4
	0%	0%	0%	0%	0%	0%
grade 2 events	171	124	1541	143	755	502
	1%	1%	20%	2%	16%	5%
grade 3 events	81	74	129	82	164	262
	0%	0%	1%	1%	3%	2%
grade 4 events	62	75	139	81	189	211
	0%	0%	1%	1%	4%	2%
grade 5 events	120	146	427	152	365	251
	1%	1%	5%	2%	7%	2%
grade 6 events	96	102	1935	103	1179	504
	0%	1%	25%	1%	25%	5%
grade 7 events	8810	7116	2425	6149	1713	7311
	91%	89%	32%	87%	37%	75%

## 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	VFAINT	VFAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	219.487294	219.4702150378799	Alternating exposures requested	N	N
Pointing Dec	4.469988	4.491506676960467	Primary exposure time	0.000000	3.2
Pointing Roll	97.000549	97.15850855207452			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.145094680475			
SIM translation stage offset (mm)	0	0.01257209746719923			
Observation start time	227891496.184000	227890379.077			
Observation start date	2005-03-22T15:10:32	2005-03-22T14:52:59			
Observation end time	227892996.184000	227893529.92714			
Observation end date	2005-03-22T15:35:32	2005-03-22T15:45:29			
Read mode	TIMED	TIMED			

## 2.3 Aspect





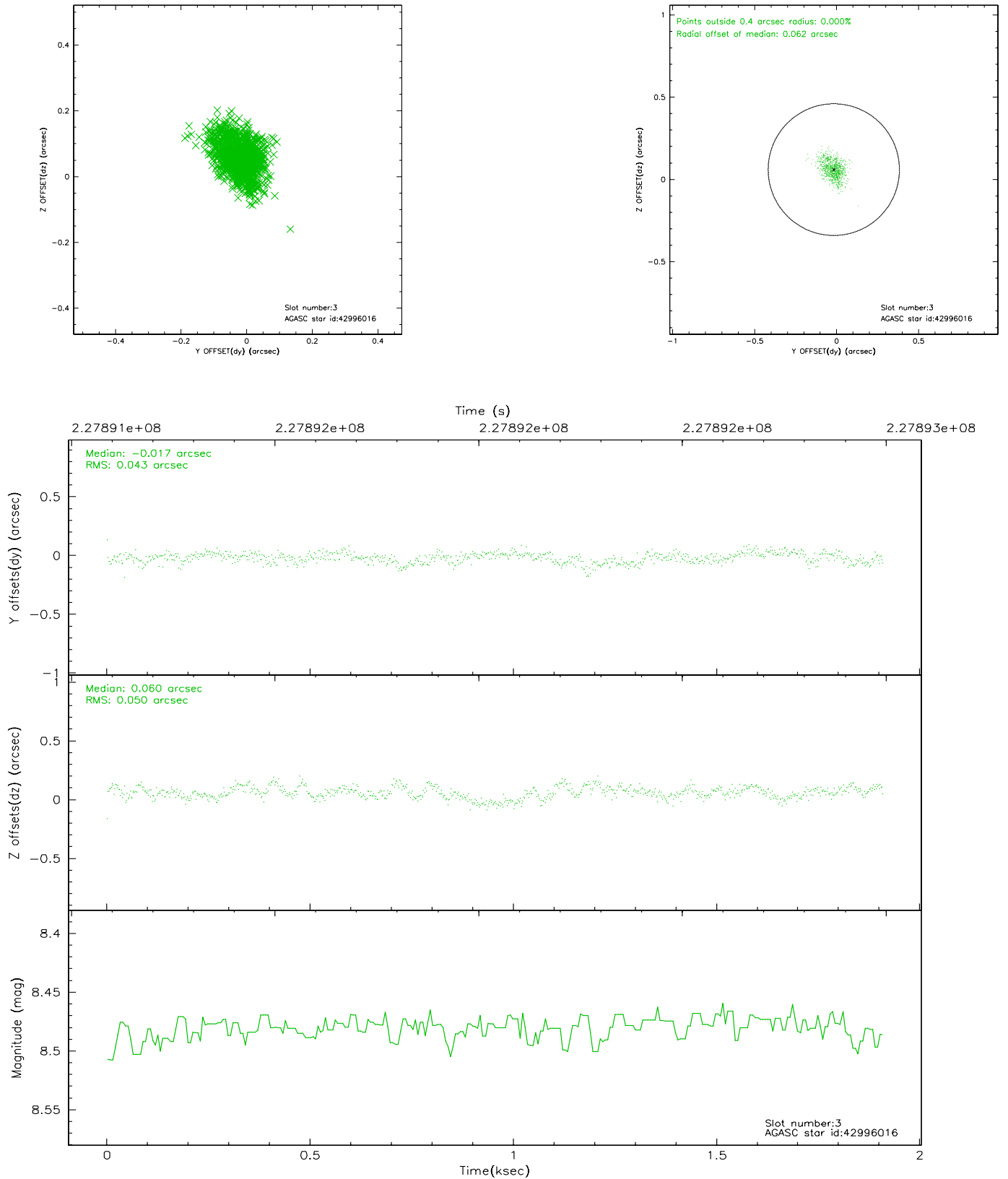
### Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	466	-0.022	-0.005	0.006	0.010	0.000000	0.000000	-760.66	-1730.92
1	FID	ACIS-S-4	7.21	466	0.060	0.012	0.005	0.008	0.000000	0.000000	2151.10	174.08
2	FID	ACIS-S-5	7.24	466	-0.069	0.001	0.006	0.011	0.000000	0.000000	-1809.17	171.57
3	GUIDE	42996016	8.48	932	-0.017	0.060	0.069	0.114	219.603215	4.854192	1321.89	-582.14
4	GUIDE	43000784	9.80	932	0.043	0.081	0.179	0.389	219.989925	4.620386	319.73	-1857.18
5	GUIDE	43387248	9.11	930	-0.010	-0.047	0.090	0.146	218.877208	5.050430	2341.40	1913.98
6	GUIDE	42994240	8.22	932	-0.212	-0.180	0.095	0.153	219.305733	4.467762	73.62	648.86
7	GUIDE	43006240	9.33	929	0.205	0.057	0.095	0.151	219.423959	3.924387	-1921.64	464.91

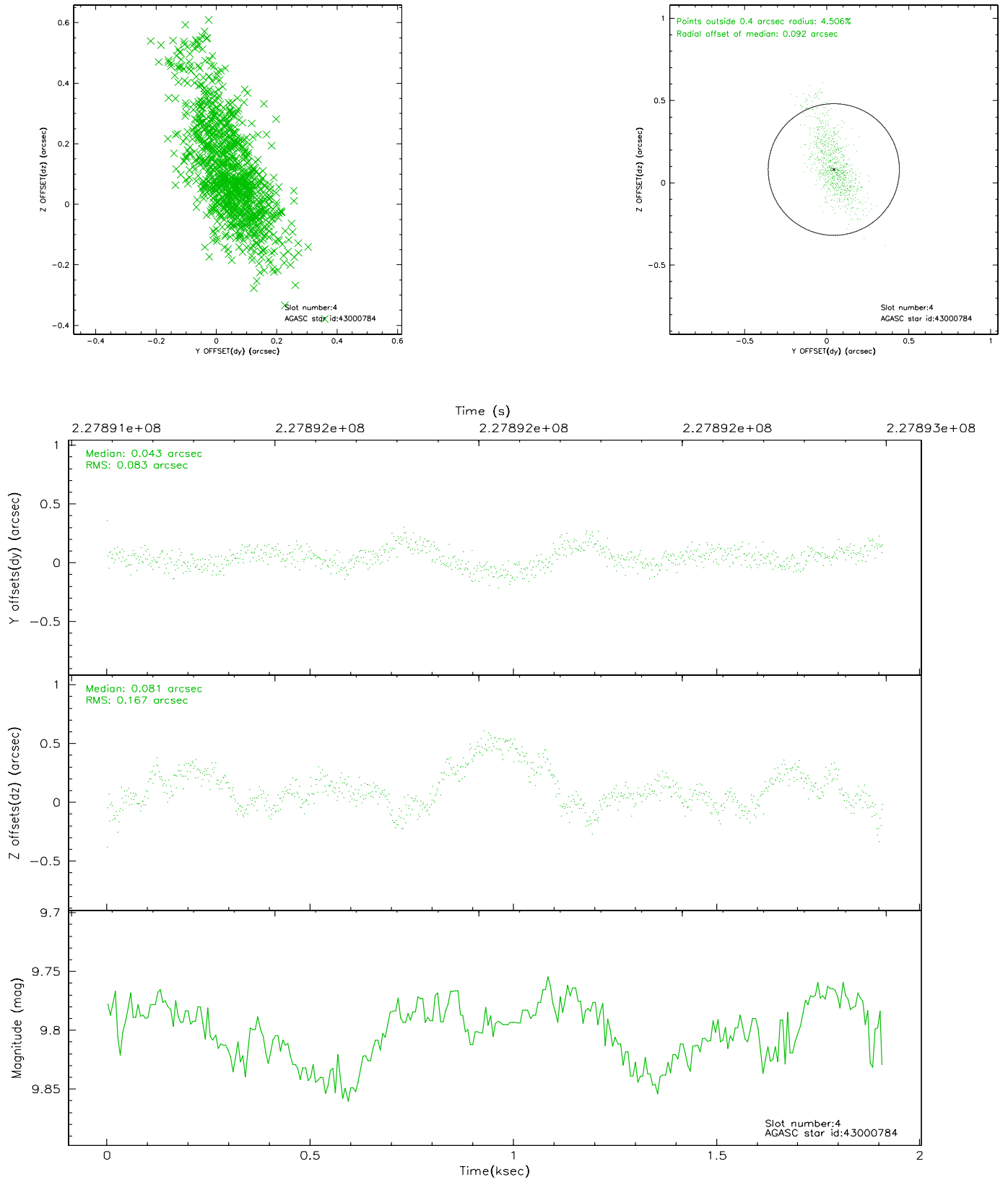


## 2.4 Star Slots

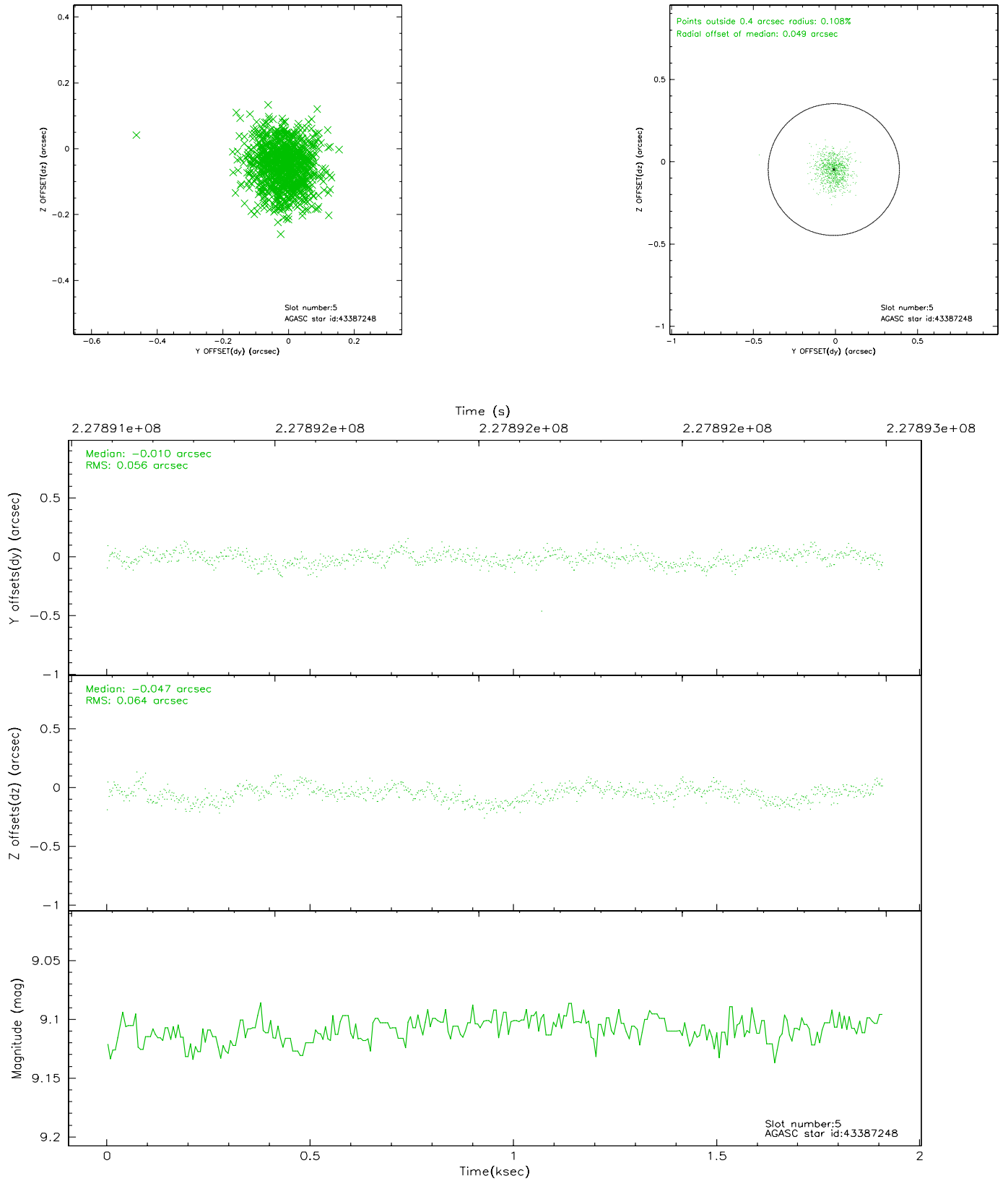
### 2.4.1 Slot 3



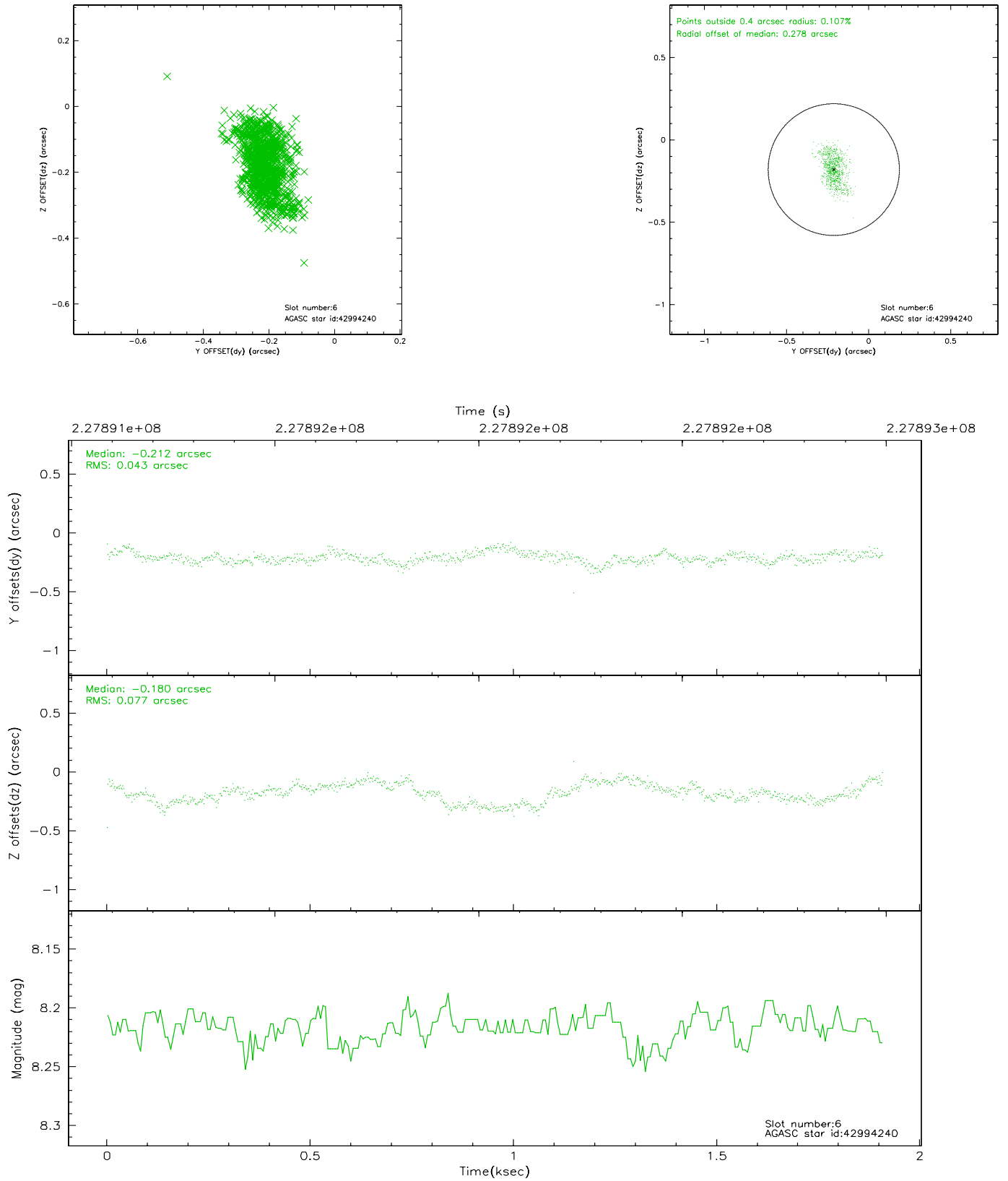
## 2.4.2 Slot 4



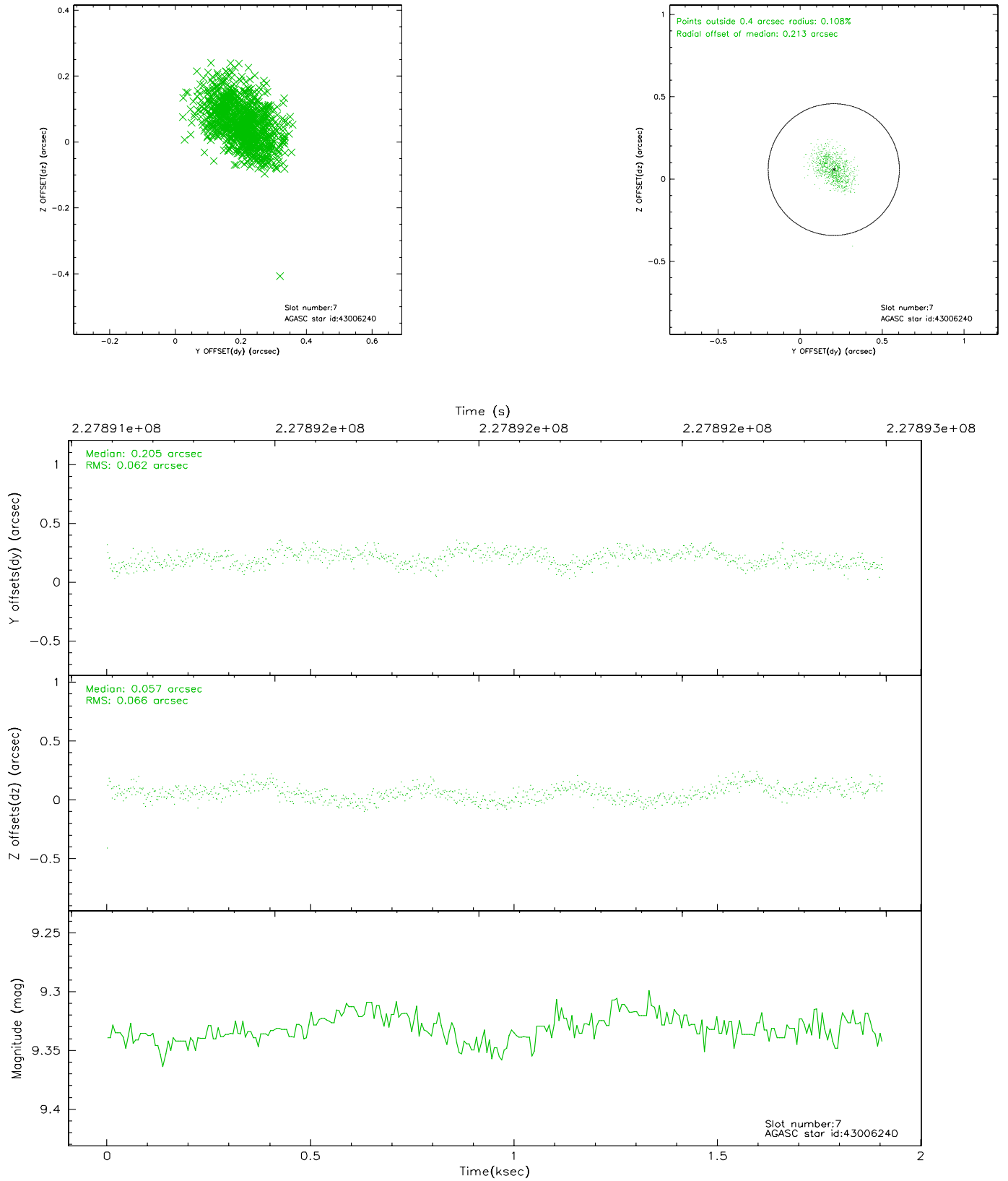
### 2.4.3 Slot 5



## 2.4.4 Slot 6

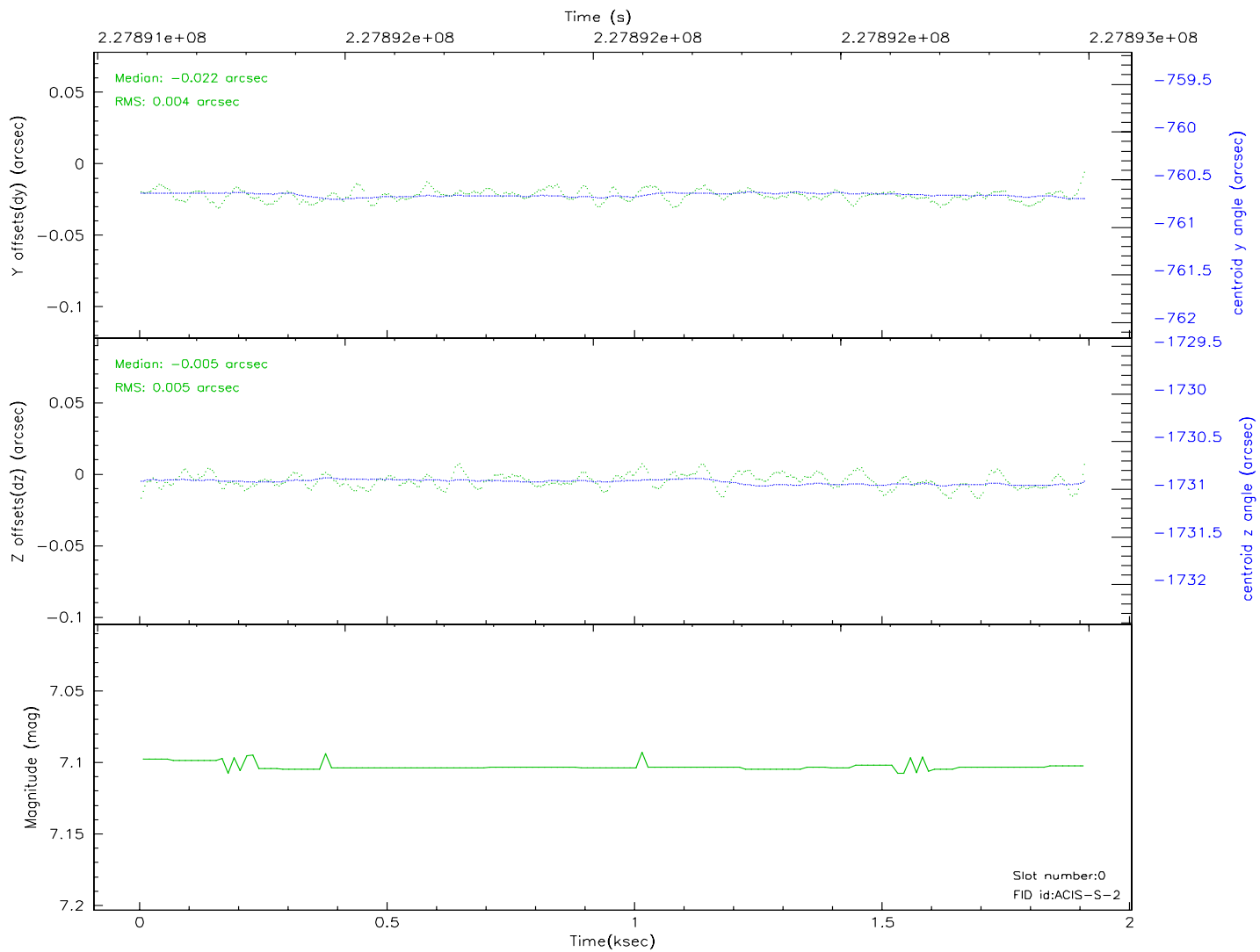
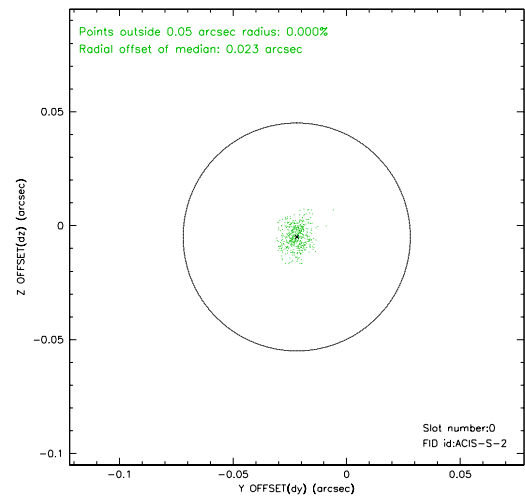
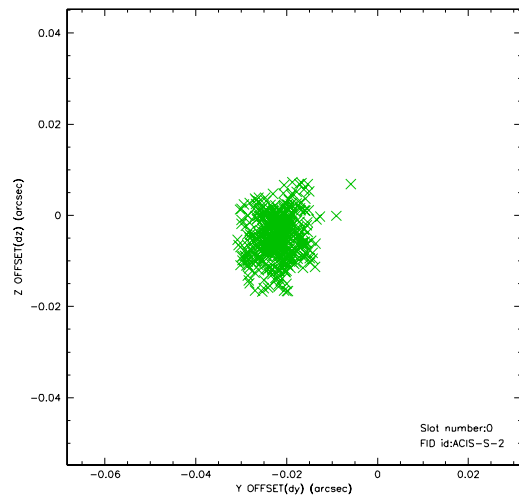


## 2.4.5 Slot 7

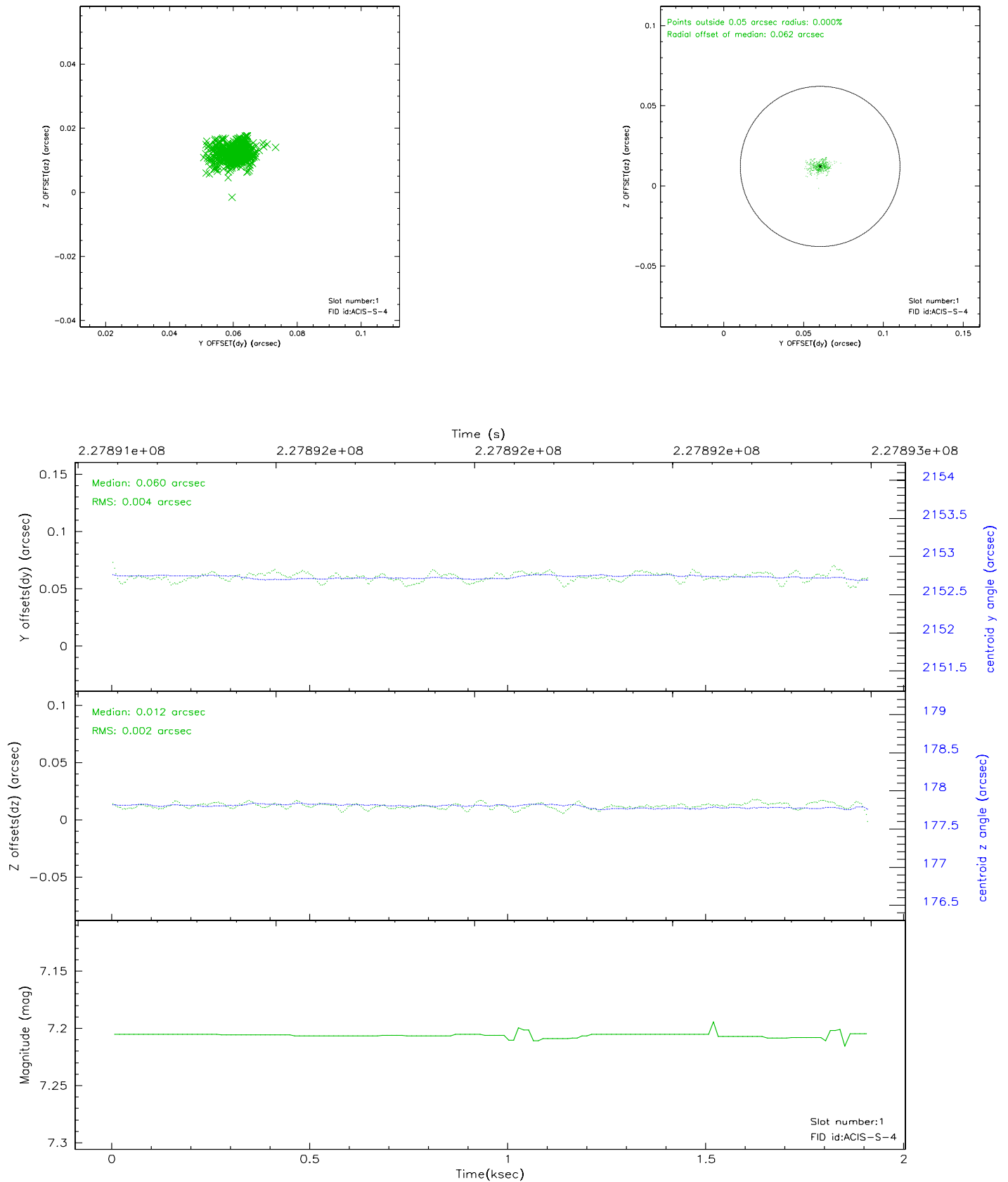


## 2.5 FID Slots

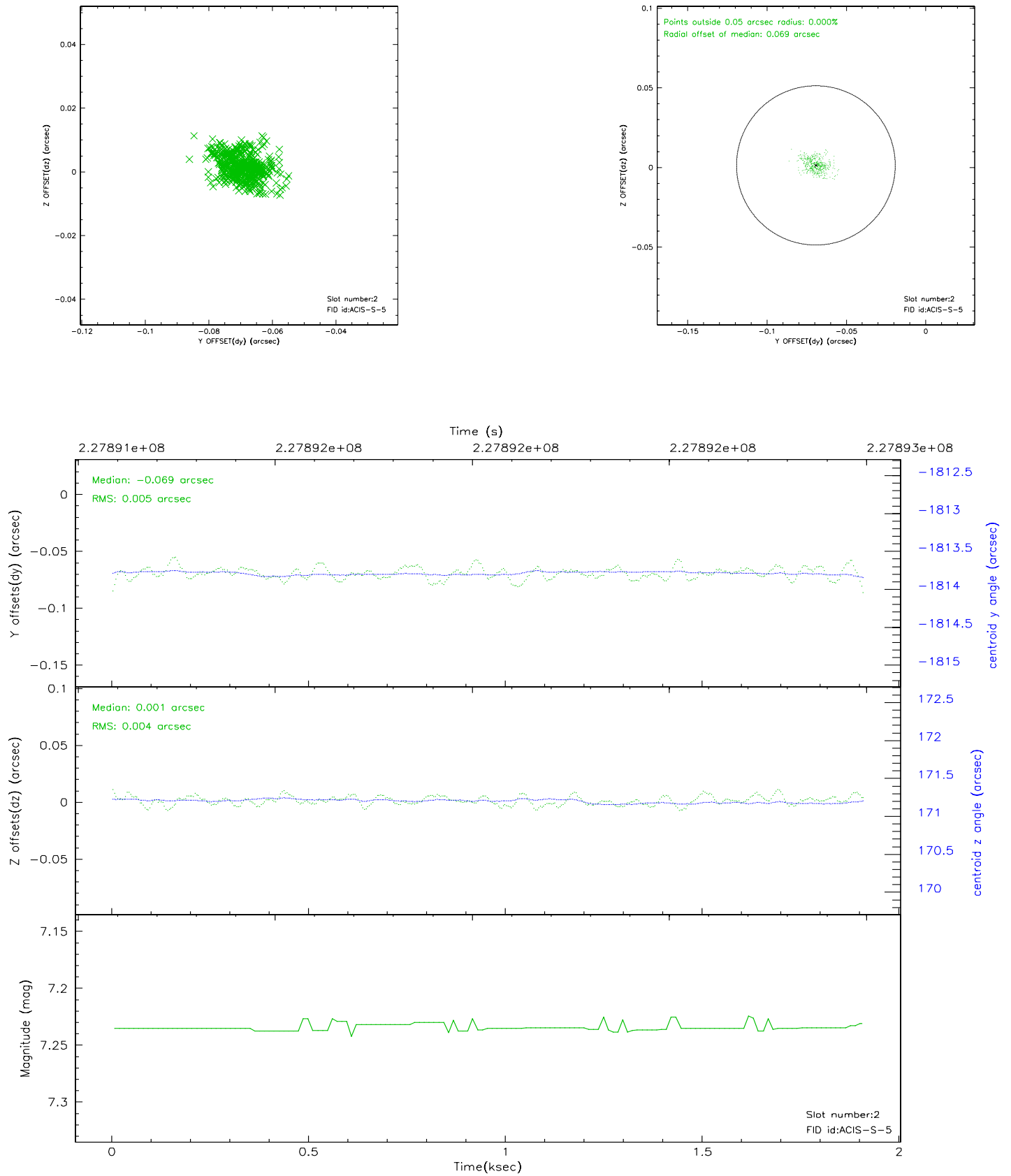
### 2.5.1 Slot 0



## 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)	2006.03.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.545599

### A.2 Comments