

# V&V Reference Report

## L2 ASCDS Version : 7.6.8.1

Observation 3019 - L2 Version 001  
Chandra X-Ray Center

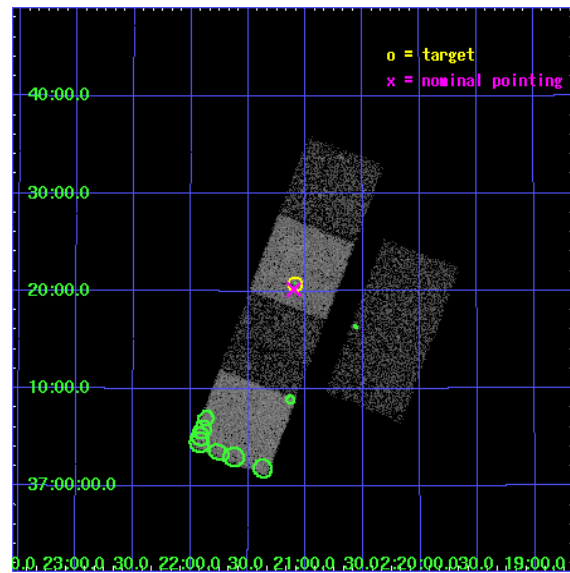
L2 Processing Date : Aug 31 2006

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# 1 Front

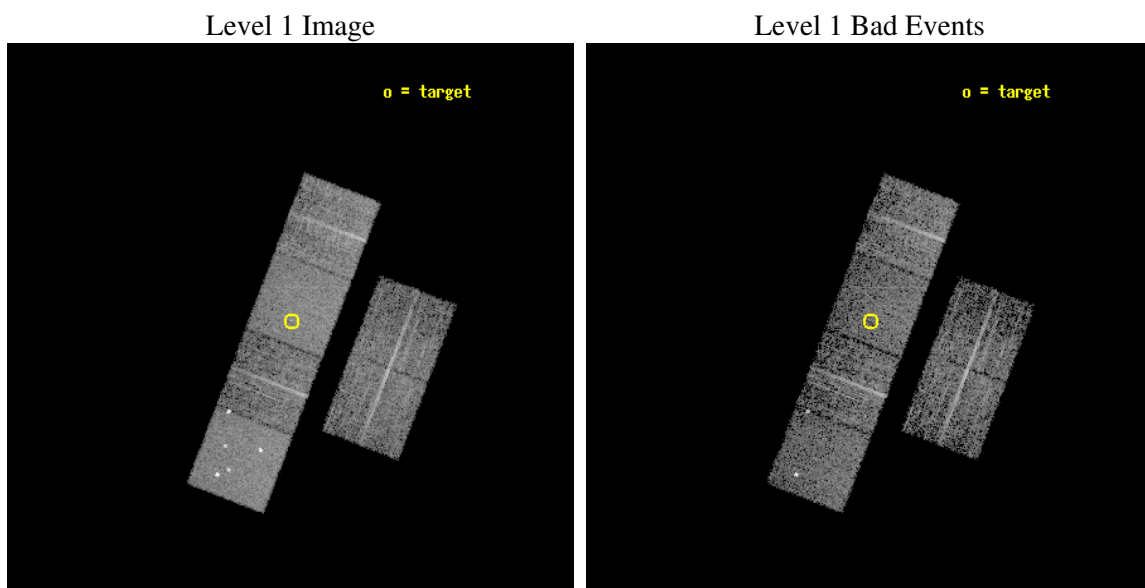
seq_num	700458
obs_id	3019
title	A SYSTEMATIC X-RAY SURVEY OF SUBMILLIMETRE-LUMINOUS QUASARS
observer	Dr Robert Priddey
object	HS0218+3707
dtcycle	0
cycle	P
ra_targ	35.273
dec_targ	37.346167
ra_nom	35.275322178591
dec_nom	37.336610161944
roll_nom	290.97504220545
revision	2
ontime	4582.4000042677
livetime	4524.3748962236
ontime2	4582.4000042677
ontime3	4582.4000042677
ontime5	4582.4000042677
ontime6	4582.4000042677
ontime7	4582.4000042677
ontime8	4579.1591635942
l2events	44019



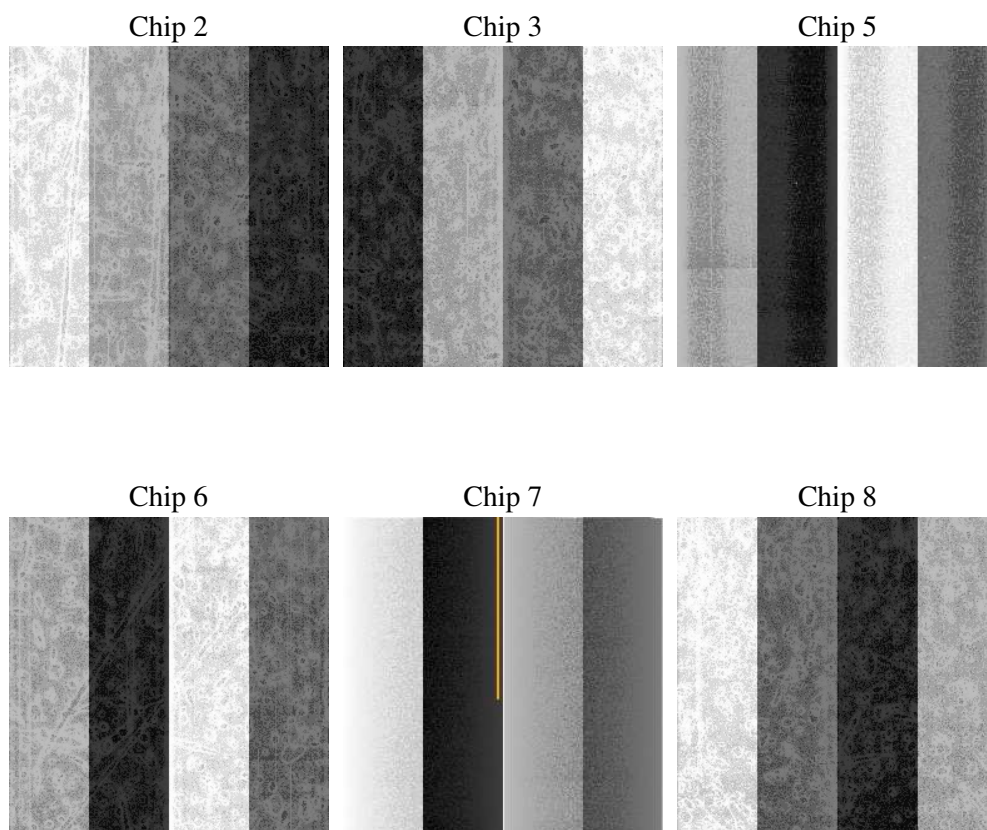
## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias



### 2.1.3 Parameters

obi_num	4
ascdsver	7.6.8.1
caldsver	3.2.3
date	2006-08-31T08:44:04
revision	2

sched_exp_time	4828.133000
ontime	4589.255274877
ontime2	4589.2552449554
ontime3	4589.255274877
ontime5	4589.255274877
ontime6	4589.255274877
ontime7	4589.255274877
ontime8	4586.0143345296
l1events	210232

### 2.1.4 Events

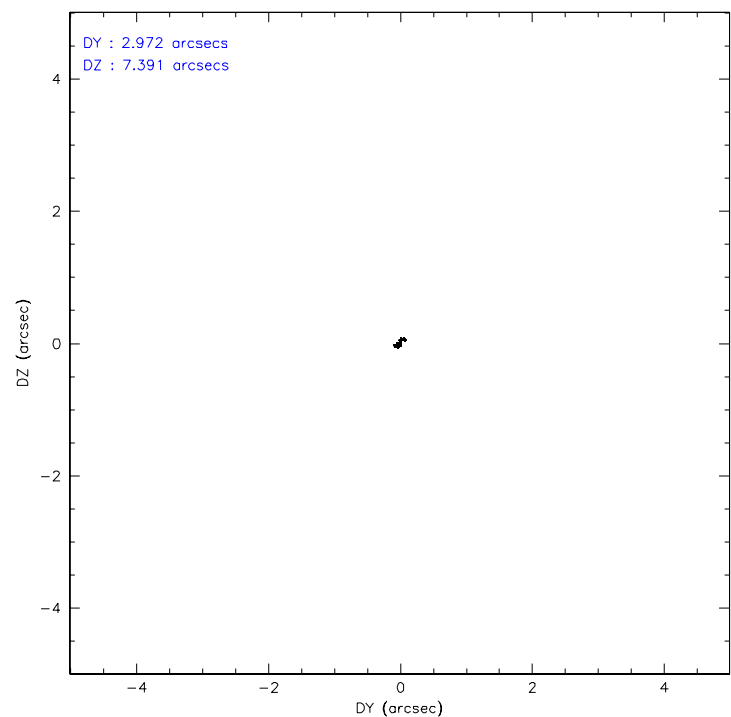
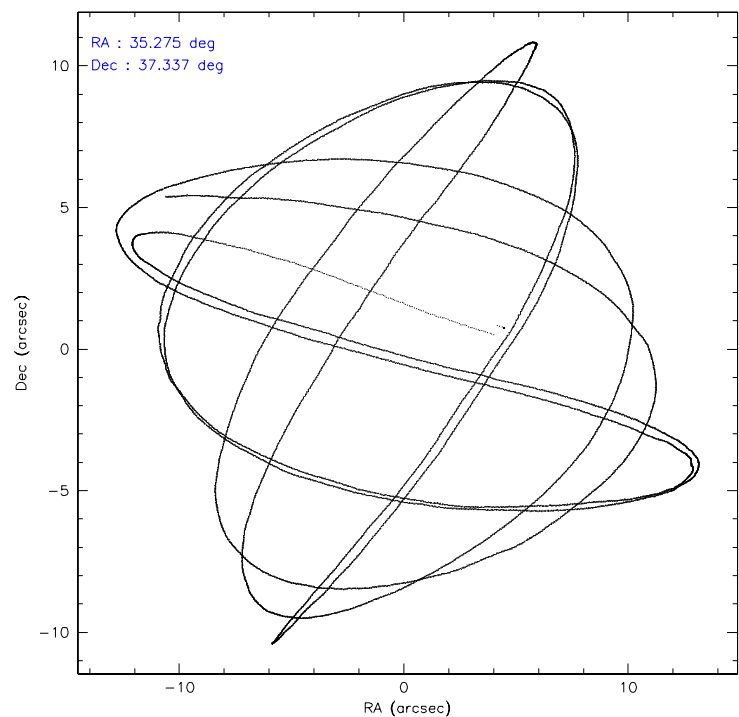
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	29479	26620	45913	29095	39506	39619
rejected events	26003	23307	24813	25732	24403	32030
rejected %	88%	87%	54%	88%	61%	80%

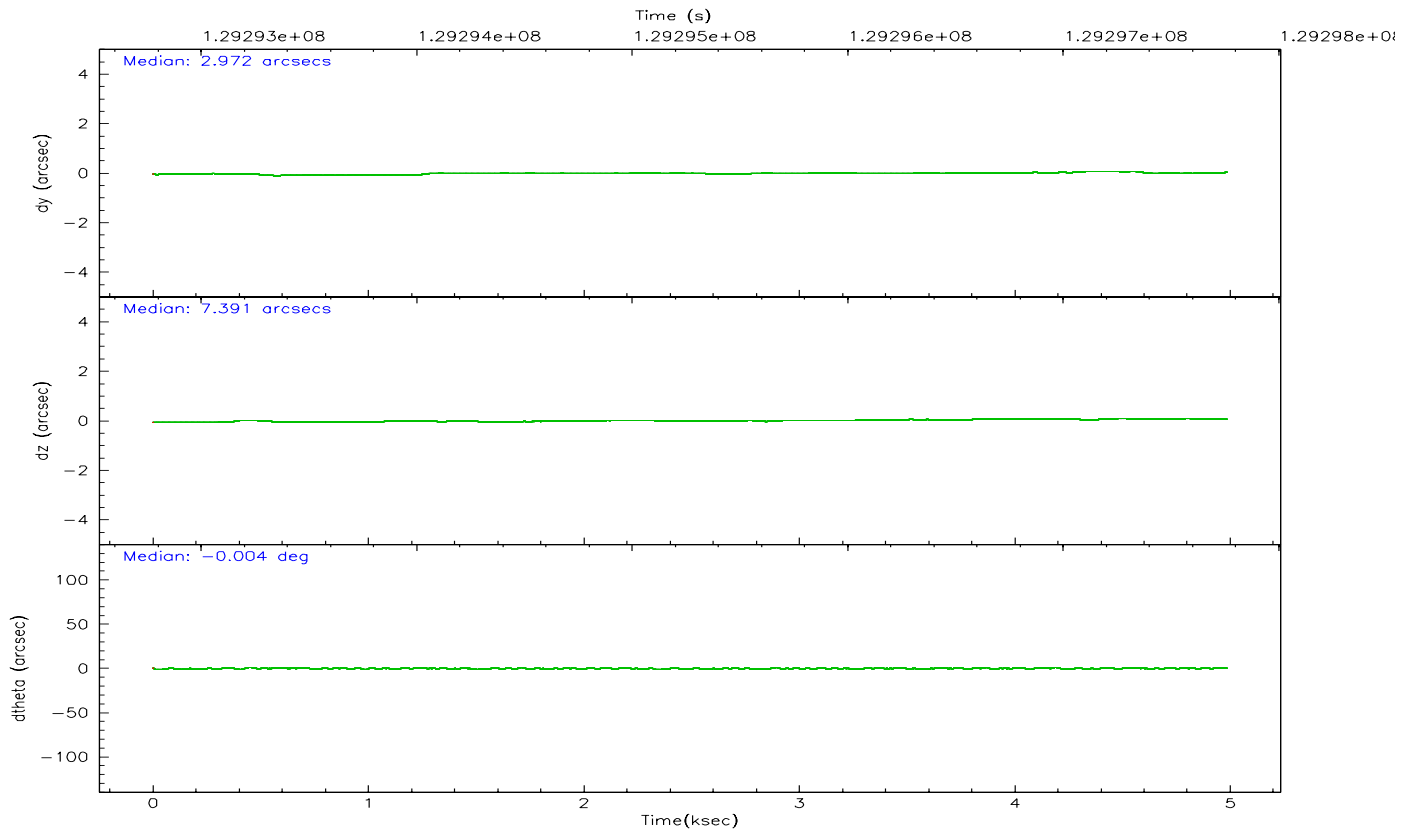
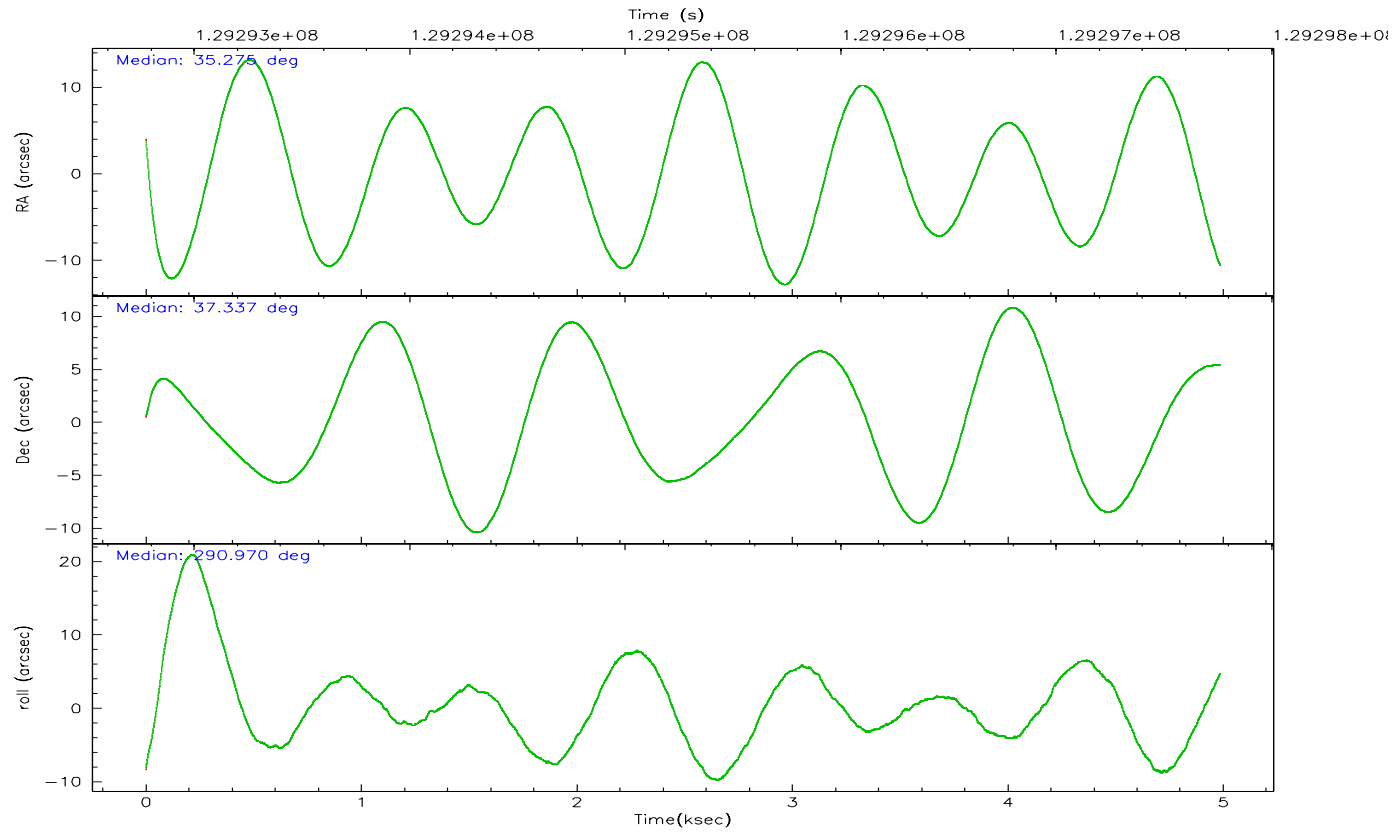
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	1559	1403	3411	1350	1082	2439
	5%	5%	7%	4%	2%	6%
grade 1 events	14	9	168	15	22	34
	0%	0%	0%	0%	0%	0%
grade 2 events	734	675	6105	675	3714	1661
	2%	2%	13%	2%	9%	4%
grade 3 events	315	334	497	349	828	820
	1%	1%	1%	1%	2%	2%
grade 4 events	271	319	465	336	791	737
	0%	1%	1%	1%	2%	1%
grade 5 events	979	1124	2365	1186	2586	1520
	3%	4%	5%	4%	6%	3%
grade 6 events	602	587	10650	659	8711	1935
	2%	2%	23%	2%	22%	4%
grade 7 events	25005	22169	22252	24525	21772	30473
	84%	83%	48%	84%	55%	76%

## 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	35.248391	35.27532217859113	Alternating exposures requested	N	N
Pointing Dec	37.353523	37.33661016194436	Primary exposure time	0.000000	3.2
Pointing Roll	290.834771	290.975042205453			
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	129292934.184000	129291934.84756			
Observation start date	2002-02-05T10:41:10	2002-02-05T10:25:34			
Observation end time	129297762.184000	129298076.64781			
Observation end date	2002-02-05T12:01:38	2002-02-05T12:07:56			
Read mode	TIMED	TIMED			

2.3 Aspect





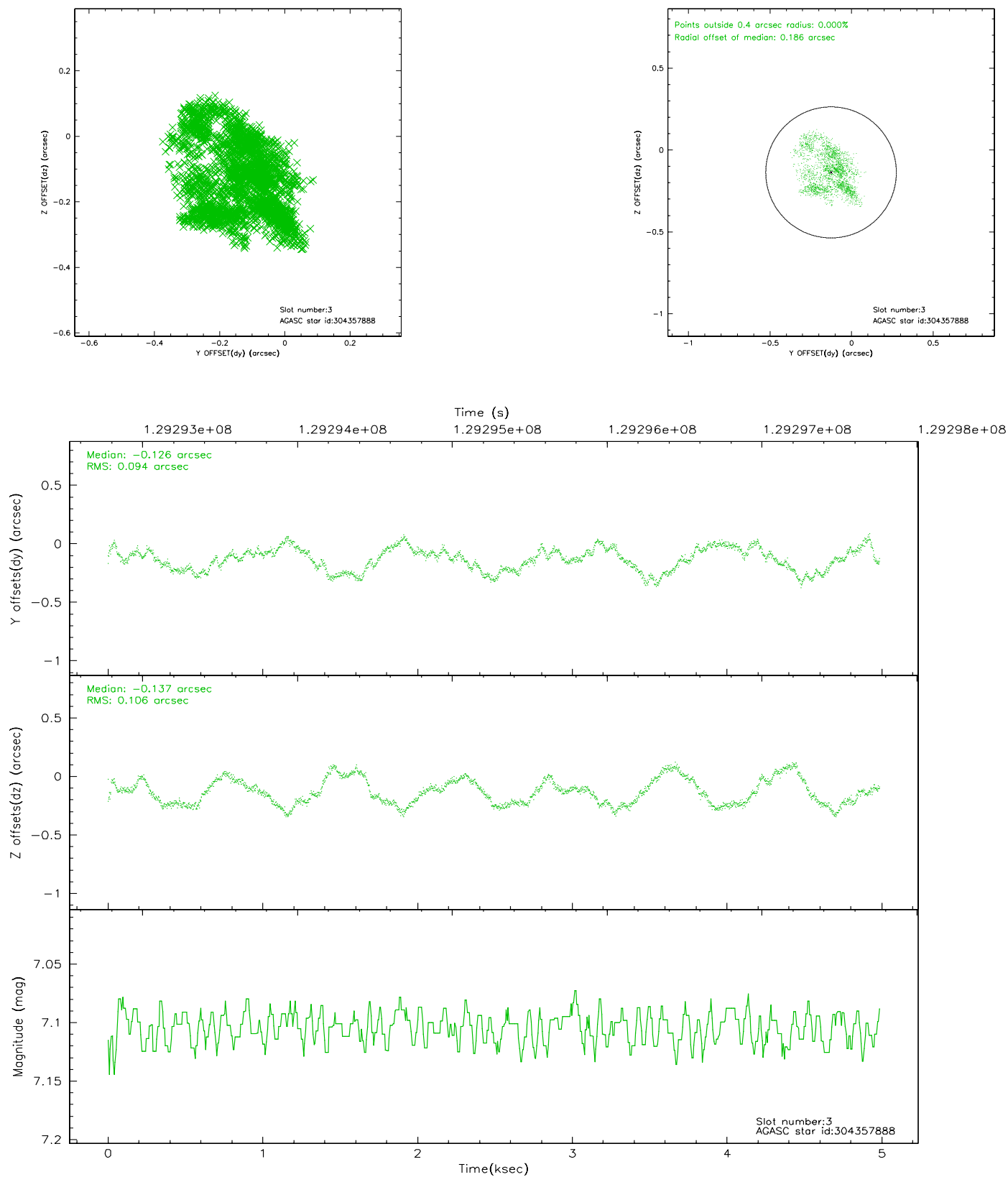
### Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.12	1217	0.003	0.025	0.007	0.012	0.000000	0.000000	-755.60	-1728.50
1	FID	ACIS-S-4	7.20	1217	-0.078	-0.008	0.005	0.009	0.000000	0.000000	2157.04	178.69
2	FID	ACIS-S-5	7.24	1217	0.043	-0.008	0.007	0.011	0.000000	0.000000	-1806.83	173.75
3	GUIDE	304357888	7.10	2433	-0.126	-0.137	0.153	0.240	34.650127	37.067057	348.91	-1970.55
4	GUIDE	371073232	7.76	2433	-0.077	0.022	0.056	0.089	35.597997	37.698775	-807.89	1373.22
5	GUIDE	304356192	7.90	2433	0.155	-0.025	0.061	0.103	35.260114	37.070157	966.72	-329.98
6	GUIDE	371081536	8.81	2433	-0.099	-0.003	0.087	0.148	35.642582	37.930390	-1543.59	1785.93
7	GUIDE	304354912	9.66	2432	0.157	0.144	0.141	0.222	35.936140	37.051881	1711.72	1464.74

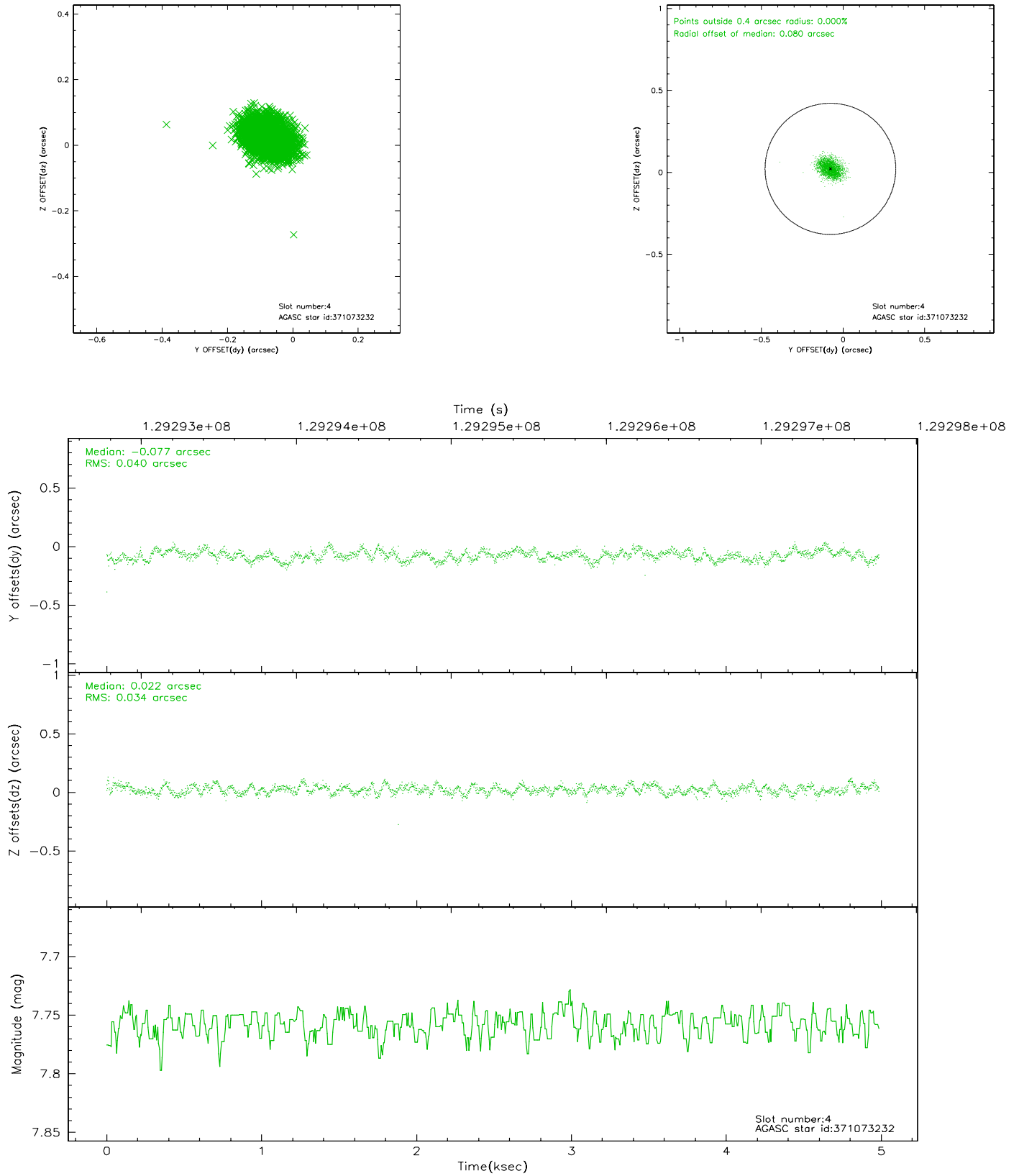


## 2.4 Star Slots

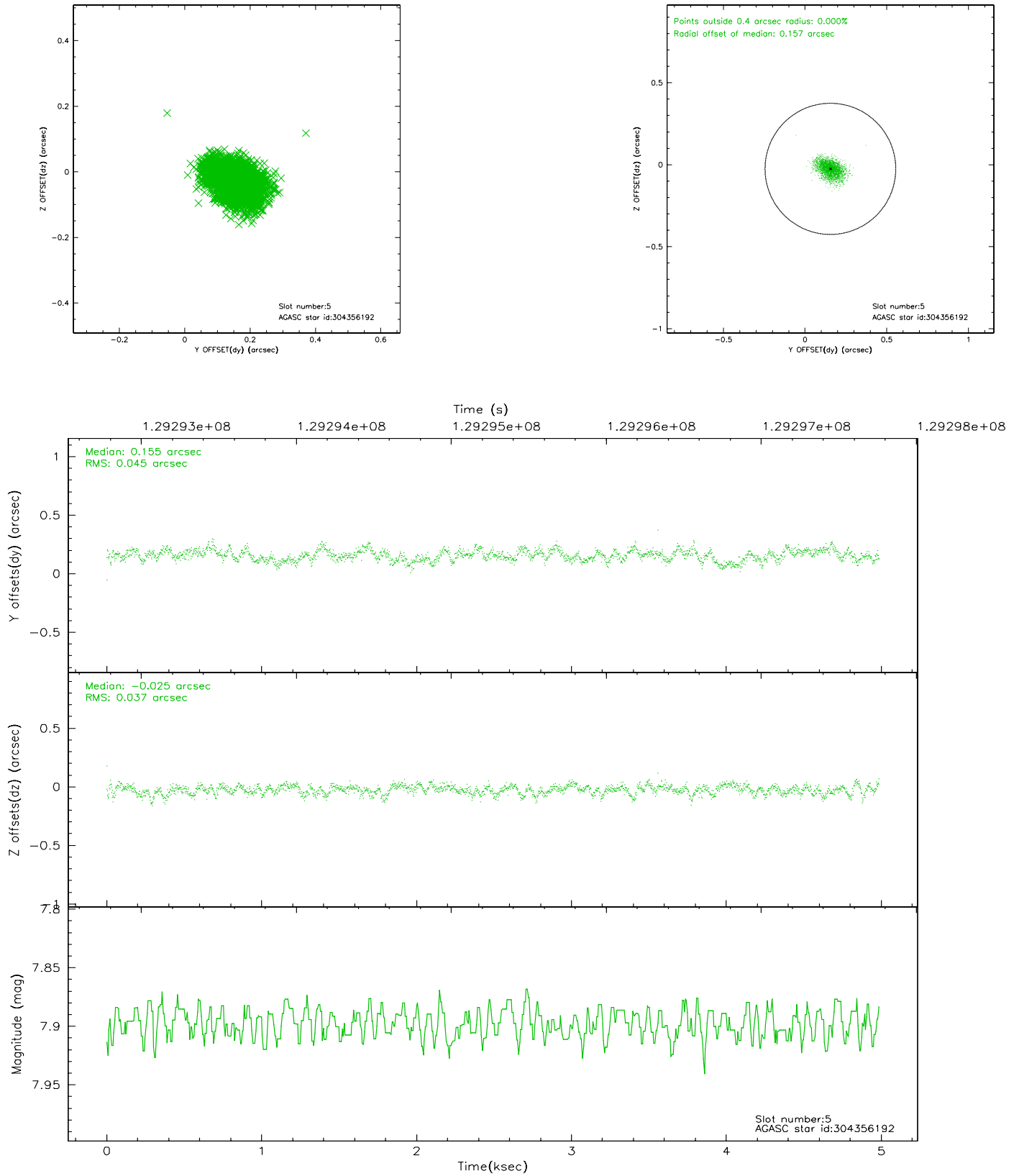
### 2.4.1 Slot 3



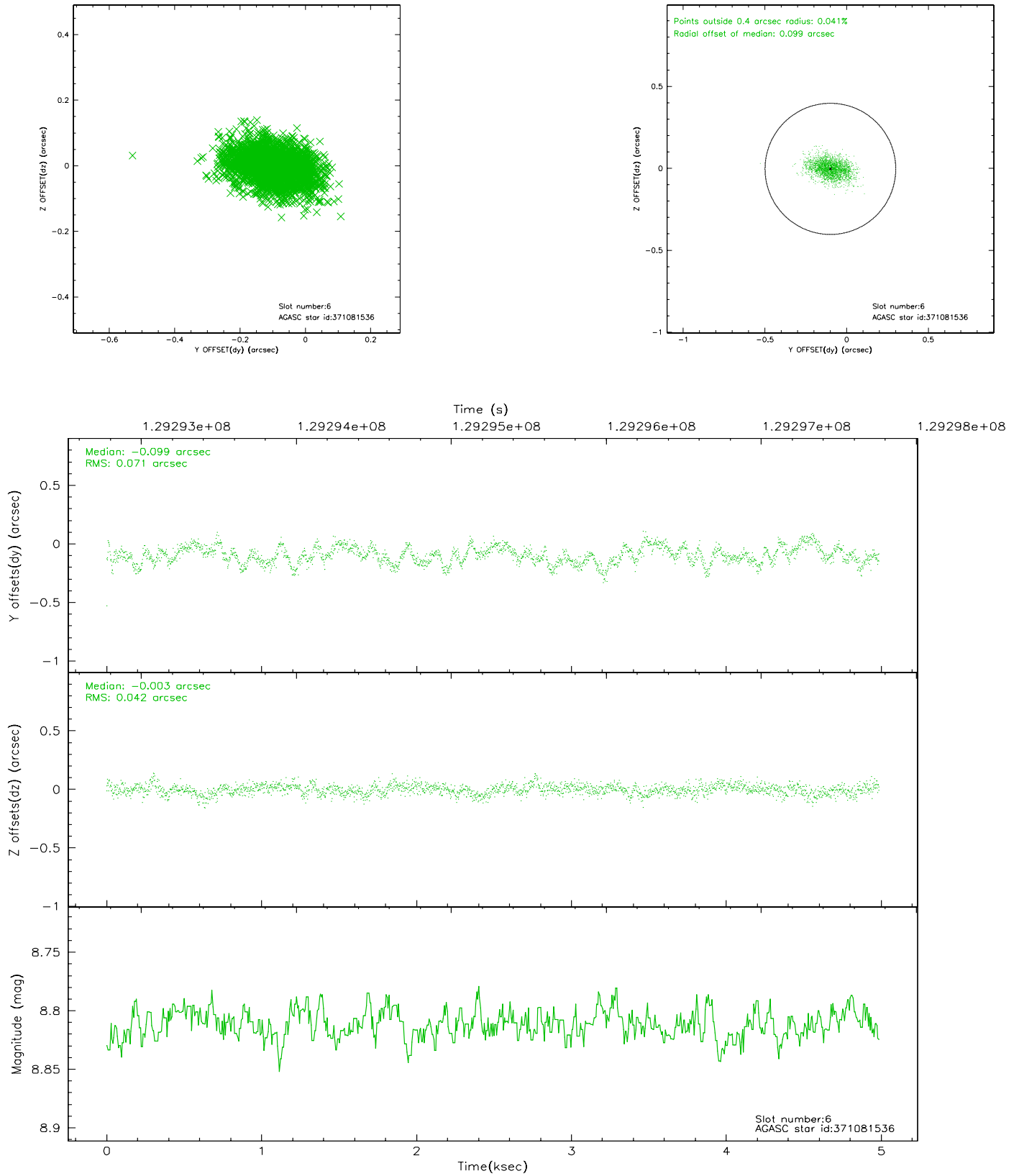
## 2.4.2 Slot 4



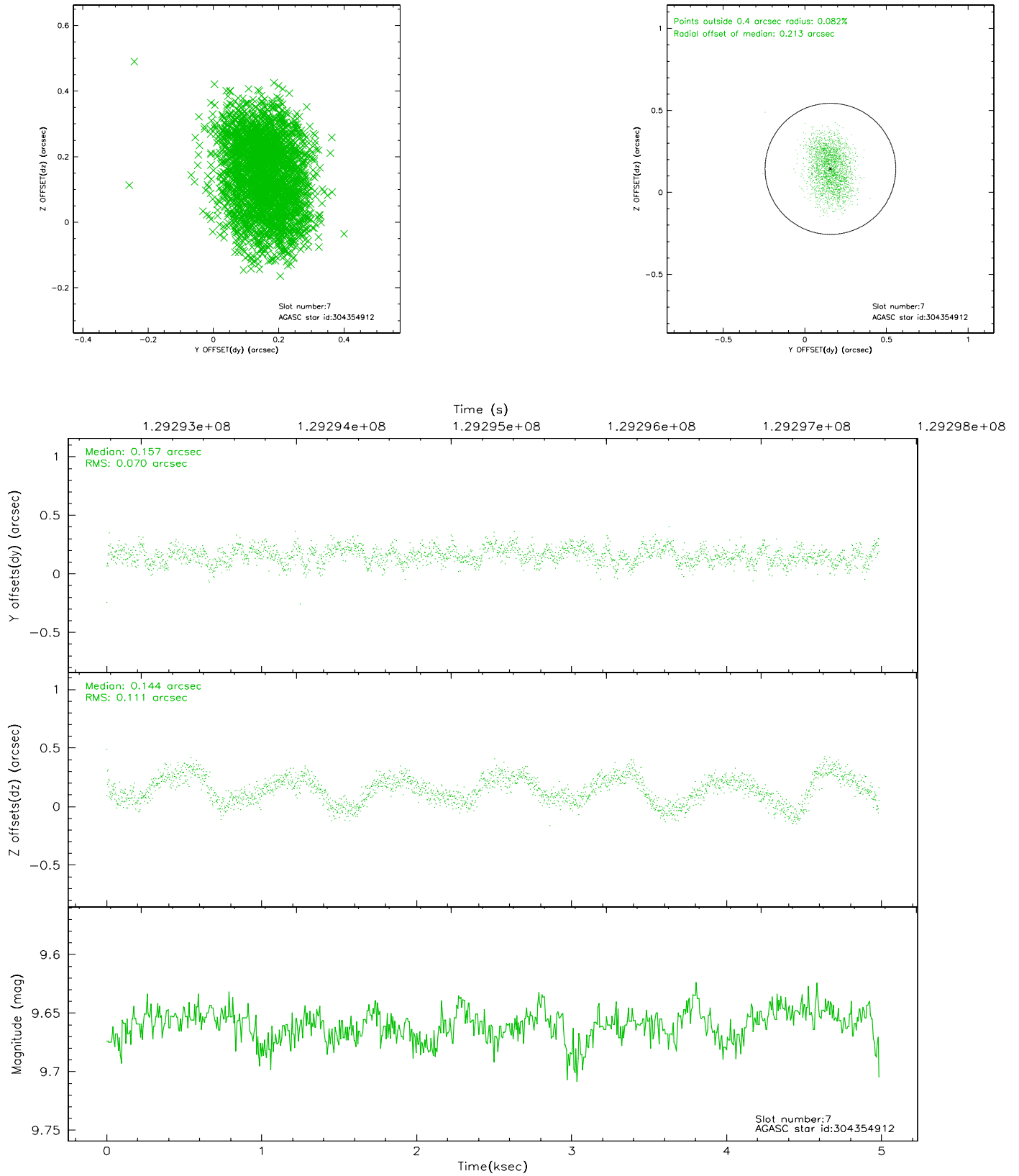
### 2.4.3 Slot 5



## 2.4.4 Slot 6

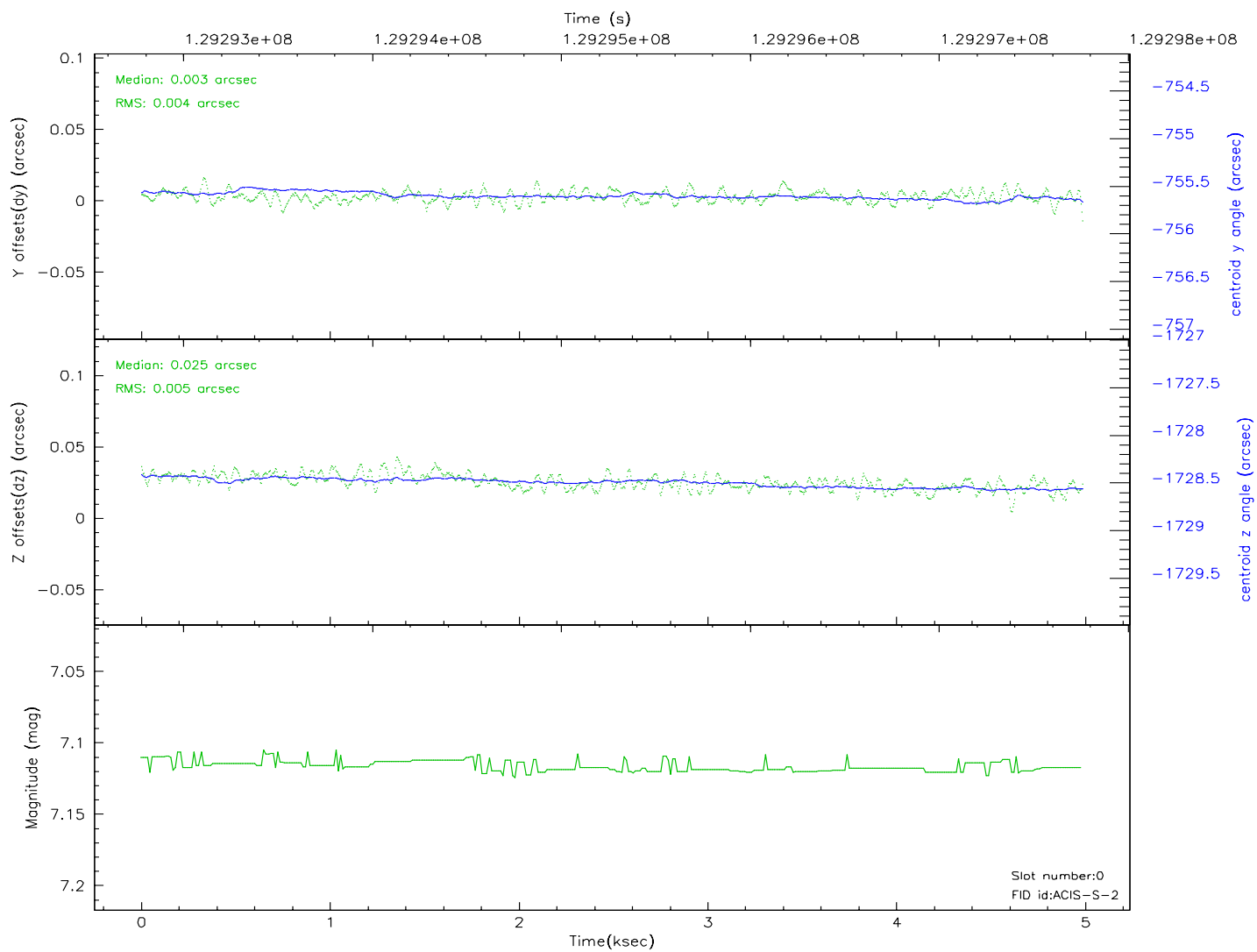
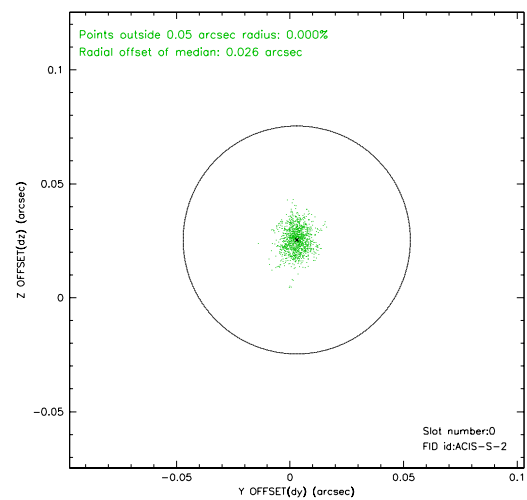
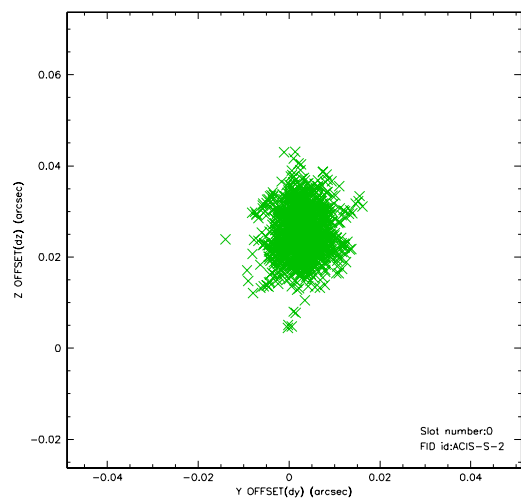


## 2.4.5 Slot 7

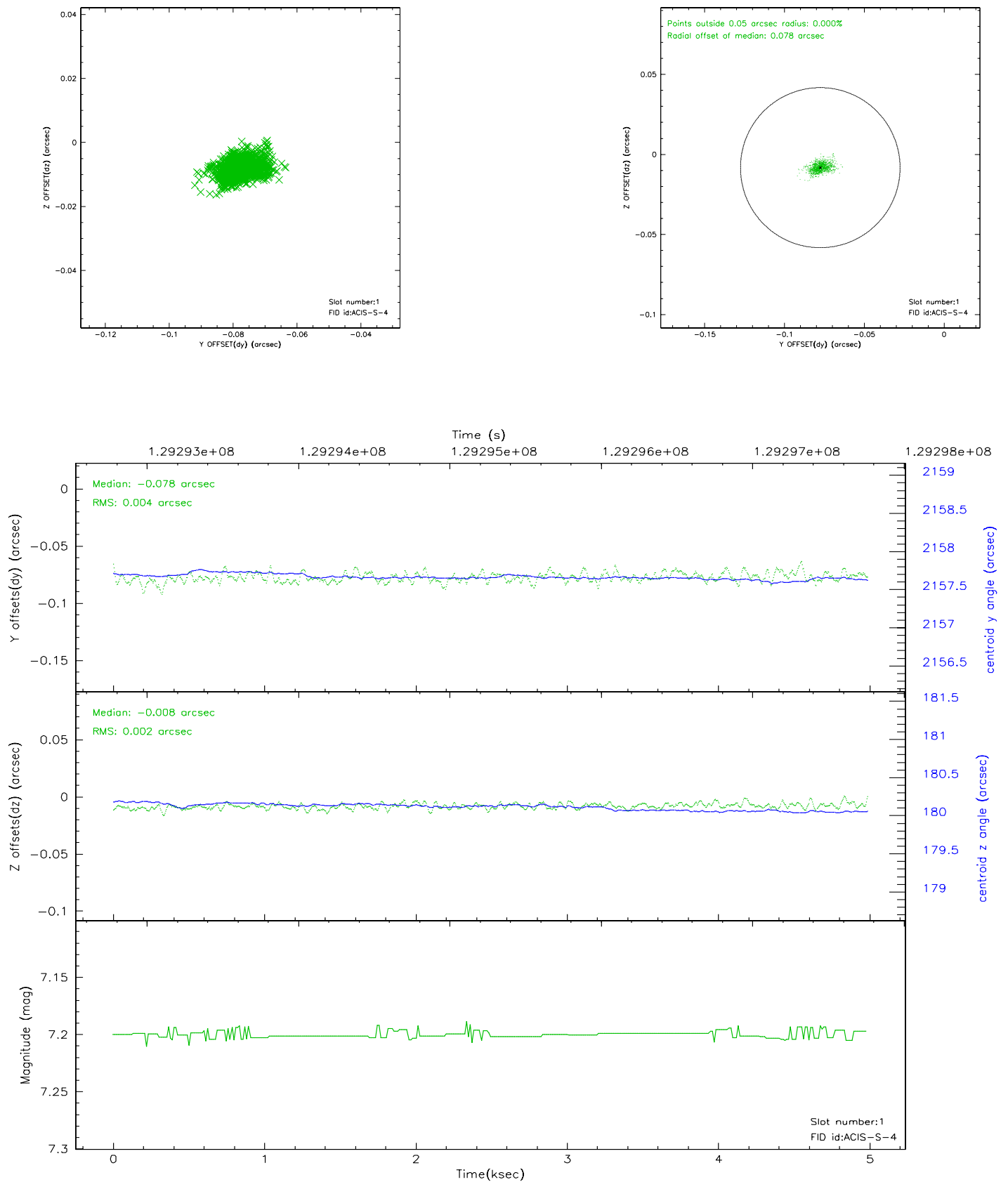


## 2.5 FID Slots

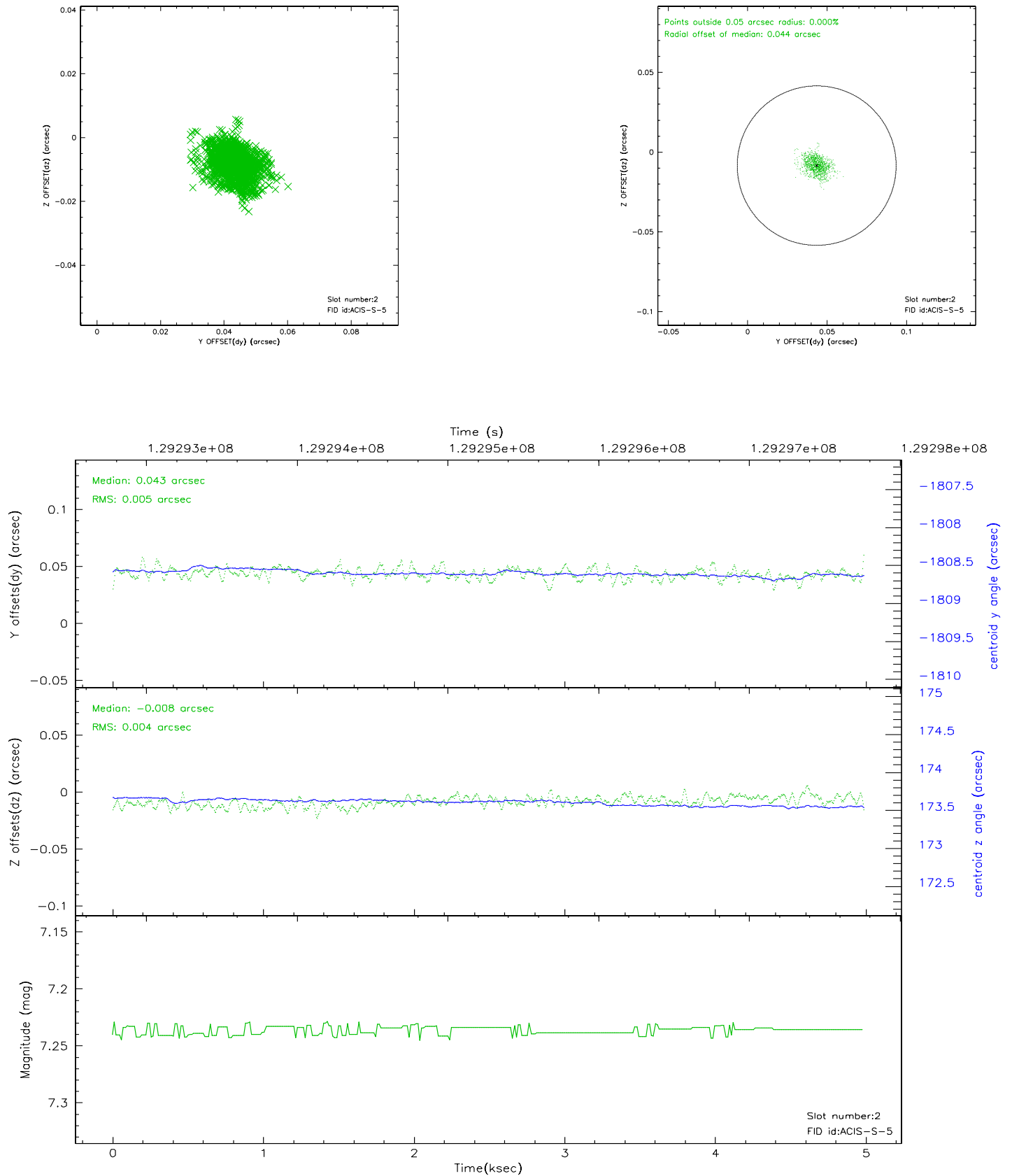
### 2.5.1 Slot 0



## 2.5.2 Slot 1

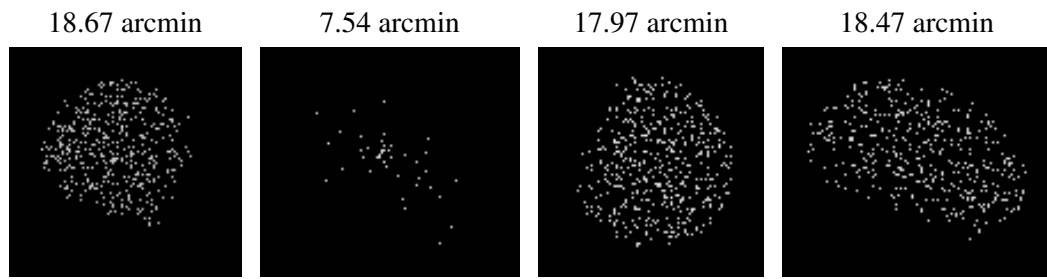


### 2.5.3 Slot 2





### 3 Point Sources



## A Summary

### A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.08.31
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.585

### A.2 Comments