

# V&V Reference Report

## L2 ASCDS Version : 7.6.7

Observation 5915 - L2 Version 002  
Chandra X-Ray Center

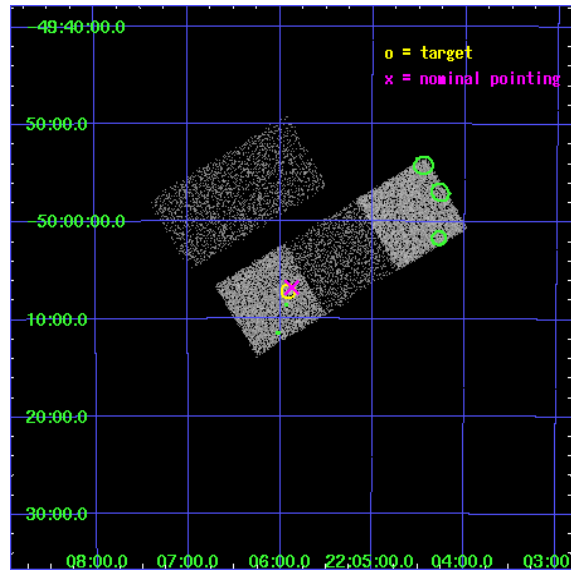
L2 Processing Date: Feb 27 2006

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# 1 Front

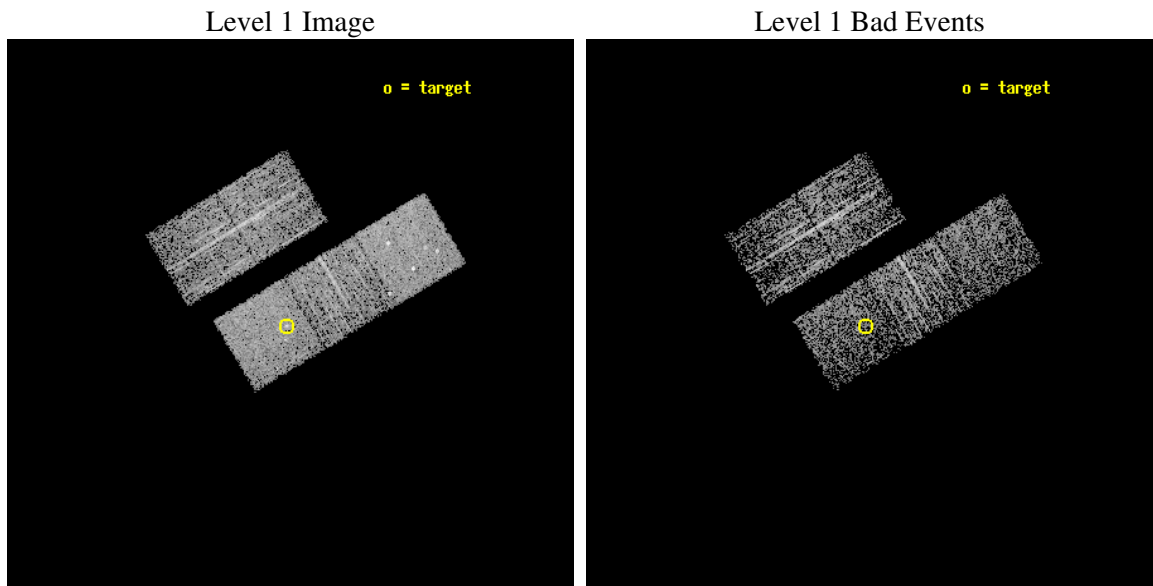
seq_num	600434
obs_id	5915
title	A Chandra Snapshot Survey of X-ray Bright Early-type Galaxies
observer	Dr. Steven Murray
object	NGC7196
dtcycle	0
cycle	P
ra_targ	331.479583
dec_targ	-50.119722
ra_nom	331.46828058906
dec_nom	-50.113342840467
roll_nom	148.97560525803
revision	2
ontime	2235.0999957025
livetime	2205.896768802
ontime2	2235.0999957025
ontime3	2235.0999957025
ontime5	2235.0999957025
ontime6	2235.0999957025
ontime7	2235.0999957025
l2events	20806



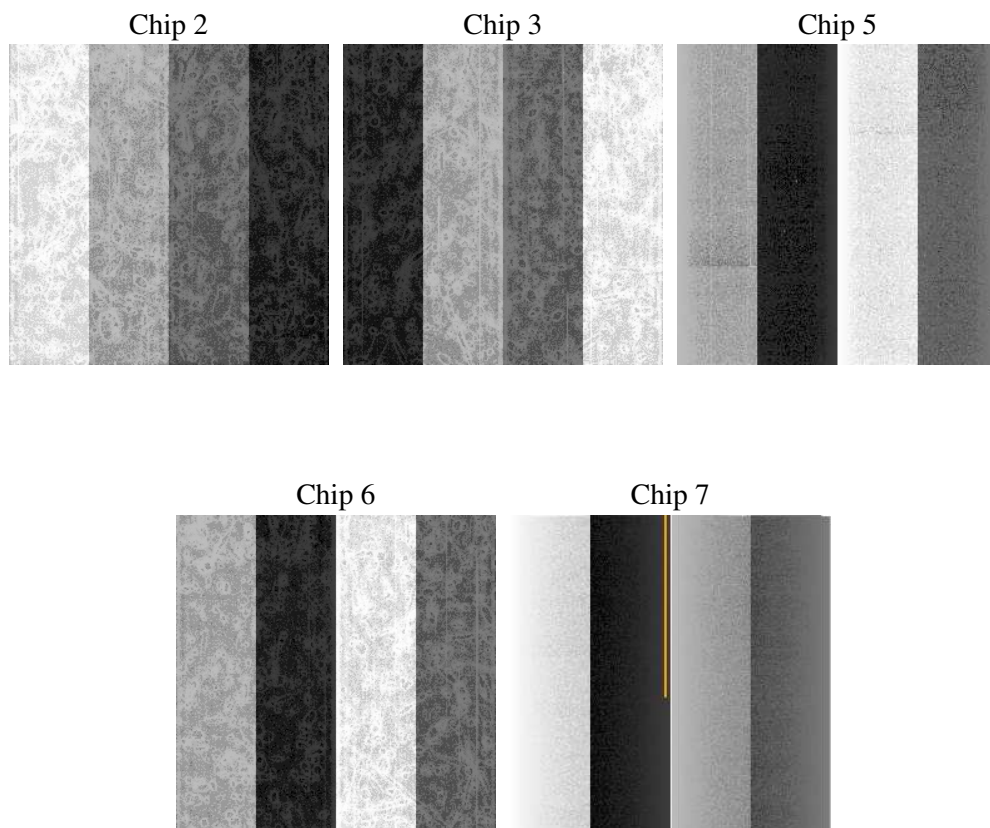
## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias



### 2.1.3 Parameters

obi_num	0
ascdsver	7.6.7
caldsver	3.2.1
date	2006-02-27T11:24:54
revision	2

sched_exp_time	2066.118000
ontime	2852.0292995572
ontime2	2852.0292995572
ontime3	2852.0292995572
ontime5	2852.0292995572
ontime6	2852.0292995572
ontime7	2852.0292995572
l1events	102573

### 2.1.4 Events

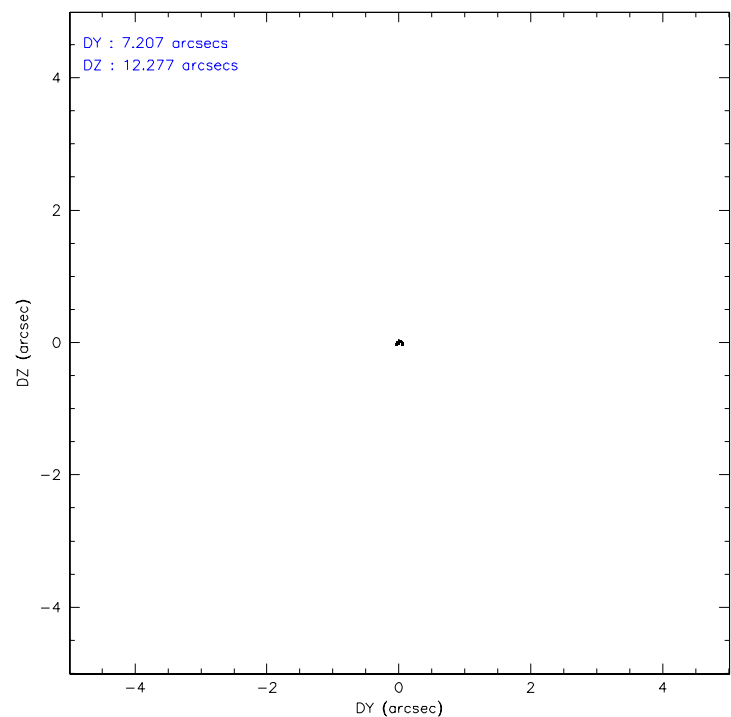
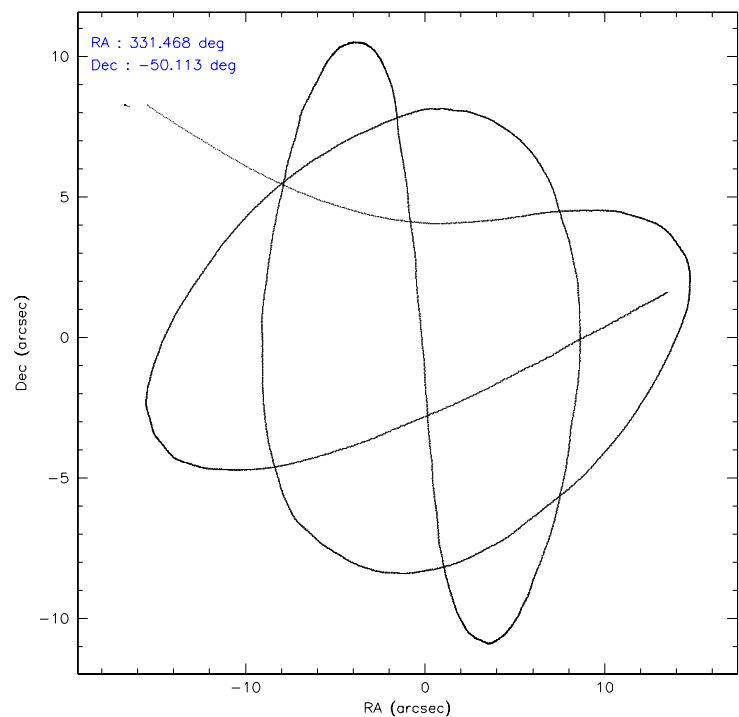
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7
level 1 events	19150	16974	25623	19133	21693
rejected events	17522	15361	15637	17326	14053
rejected %	91%	90%	61%	90%	64%

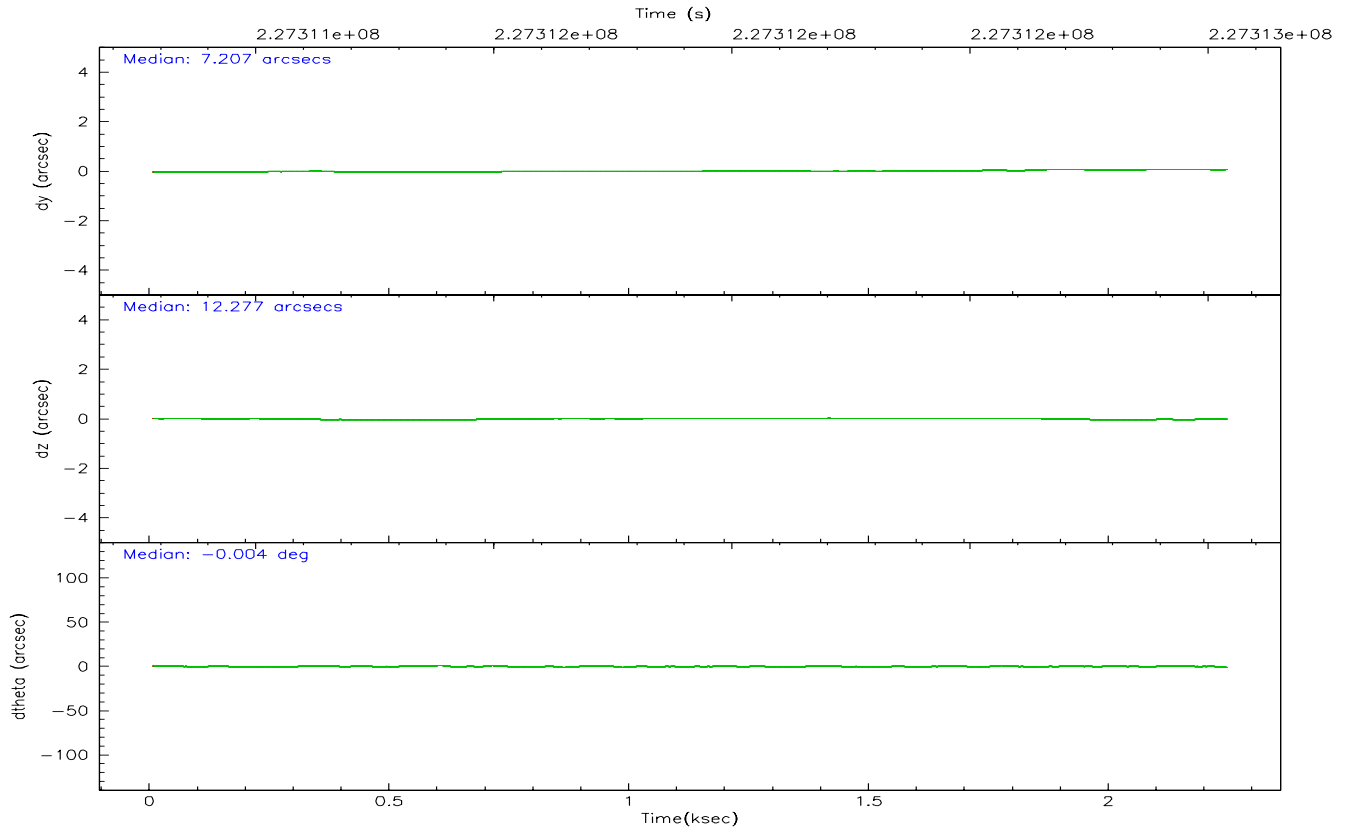
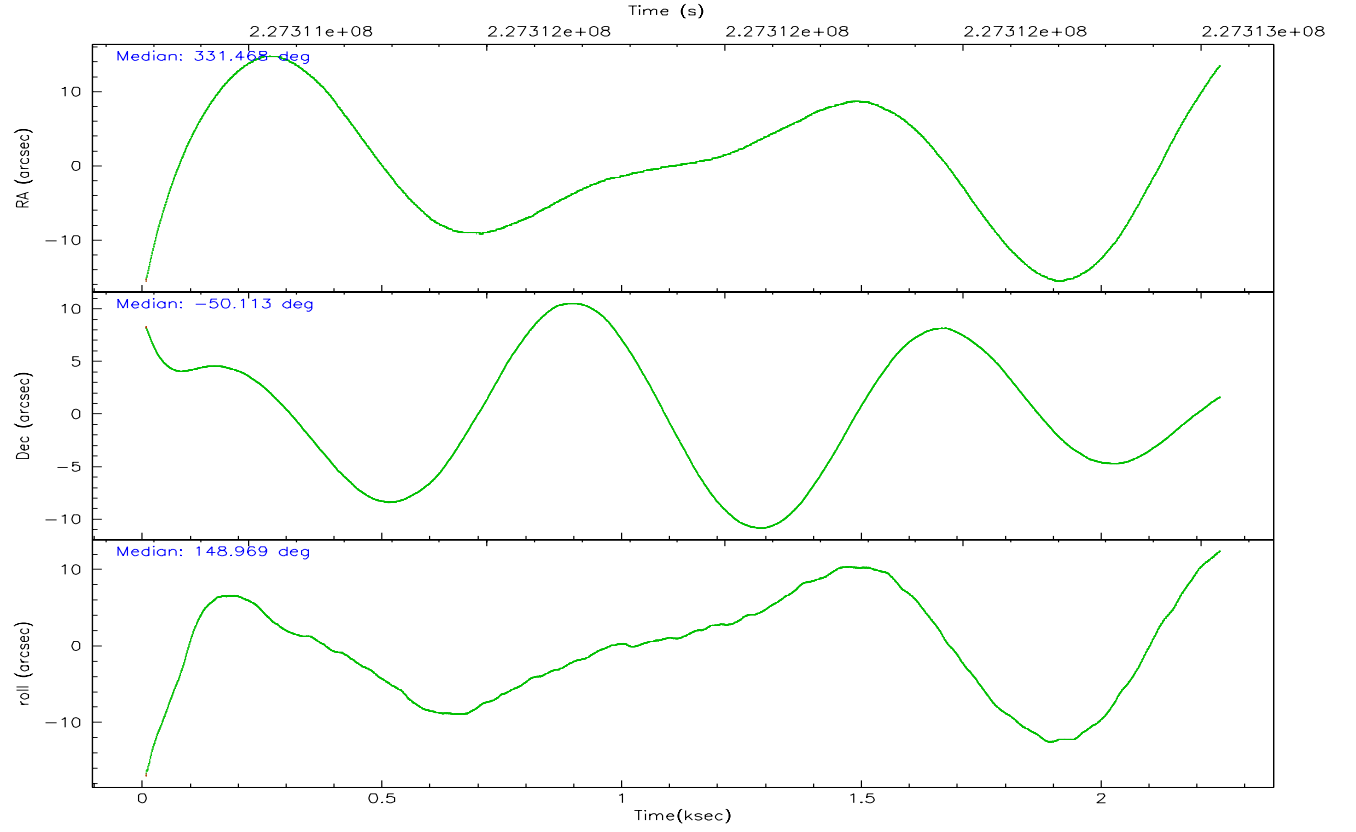
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7
grade 0 events	838	852	1346	918	785
	4%	5%	5%	4%	3%
grade 1 events	11	9	46	8	7
	0%	0%	0%	0%	0%
grade 2 events	436	361	3803	506	2421
	2%	2%	14%	2%	11%
grade 3 events	197	227	334	211	555
	1%	1%	1%	1%	2%
grade 4 events	222	215	327	209	510
	1%	1%	1%	1%	2%
grade 5 events	569	721	1357	728	1546
	2%	4%	5%	3%	7%
grade 6 events	339	334	6890	414	5281
	1%	1%	26%	2%	24%
grade 7 events	16538	14255	11520	16139	10588
	86%	83%	44%	84%	48%

## 2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-23567	ACIS-23567	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	331.510688	331.4682805890586	Alternating exposures requested	N	N
Pointing Dec	-50.113479	-50.11334284046699	Primary exposure time	0.000000	3.1
Pointing Roll	148.851553	148.9756052580322			
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	227310965.184000	227309665.81315			
Observation start date	2005-03-15T21:55:01	2005-03-15T21:34:25			
Observation end time	227313031.184000	227313254.33831			
Observation end date	2005-03-15T22:29:27	2005-03-15T22:34:14			
Read mode	TIMED	TIMED			

2.3 Aspect





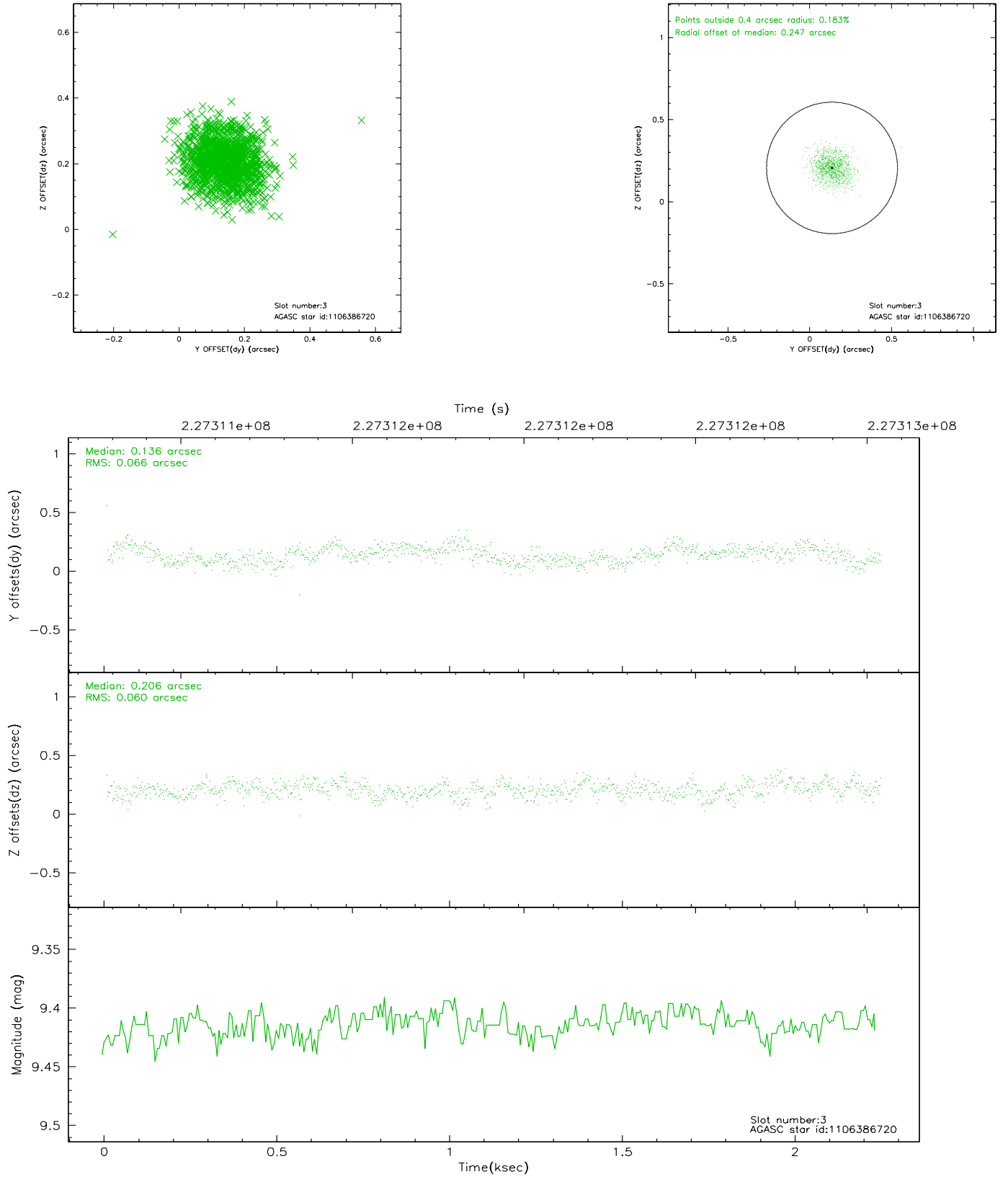
### Slot Statistics

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	547	-0.008	-0.006	0.006	0.010	0.000000	0.000000	-759.99	-1733.53
1	FID	ACIS-S-4	7.20	547	0.018	0.006	0.005	0.008	0.000000	0.000000	2152.01	171.94
2	FID	ACIS-S-5	7.23	547	-0.042	0.009	0.006	0.010	0.000000	0.000000	-1809.12	168.94
3	GUIDE	1106386720	9.41	1090	0.136	0.206	0.096	0.151	332.255624	-49.886675	-1060.53	-1584.56
4	GUIDE	1106386968	8.31	1094	-0.061	0.060	0.068	0.113	331.530717	-49.686244	754.88	-1341.30
5	GUIDE	1106781000	9.49	1093	-0.151	-0.043	0.112	0.183	330.334845	-50.169904	2204.92	1593.97
6	GUIDE	1106782200	8.16	1094	0.091	0.103	0.083	0.128	332.072999	-50.105429	-1096.10	-690.42
7	GUIDE	1106780672	10.18	1092	-0.003	-0.316	0.174	0.286	330.884578	-50.630874	256.07	2338.27

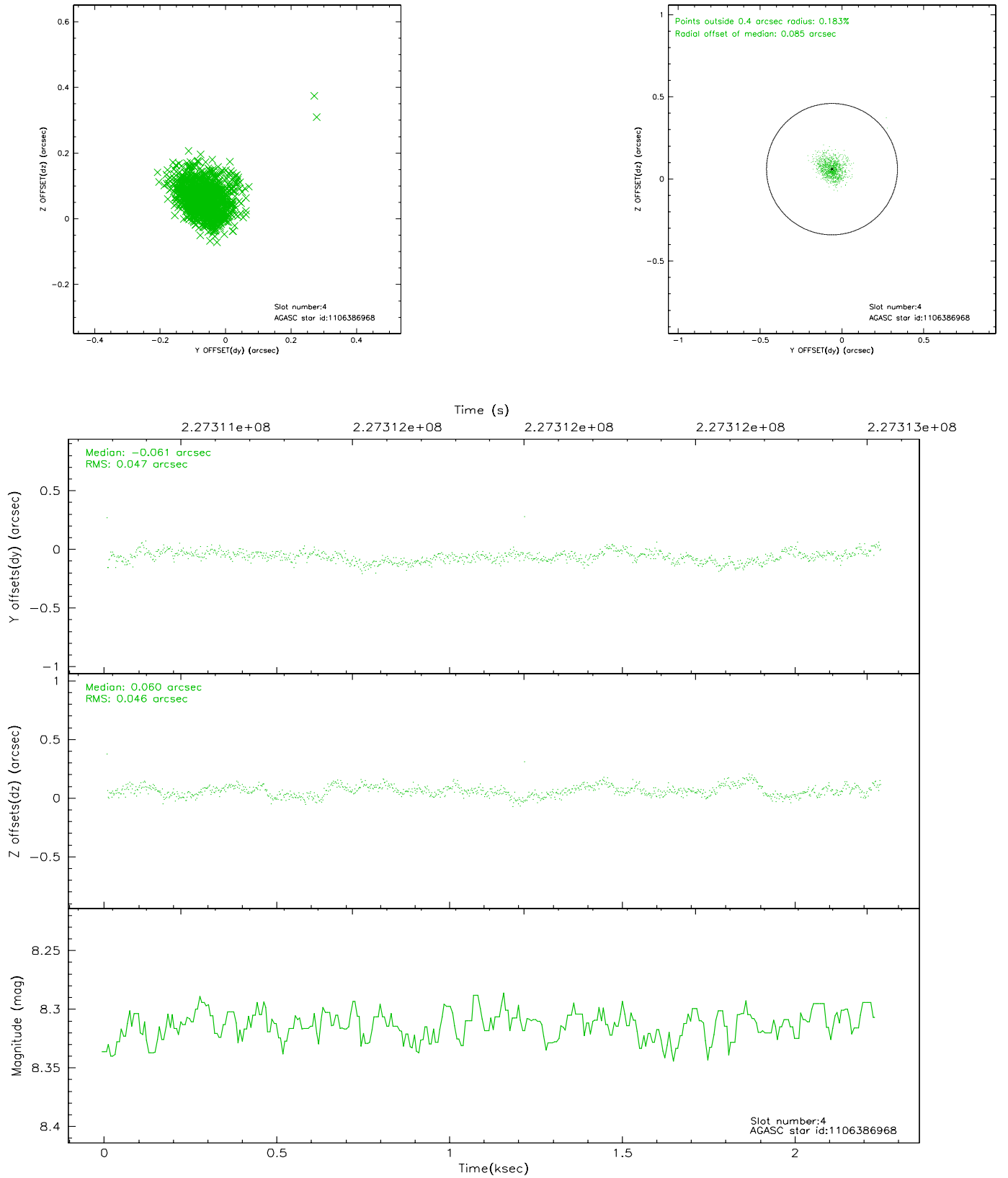


## 2.4 Star Slots

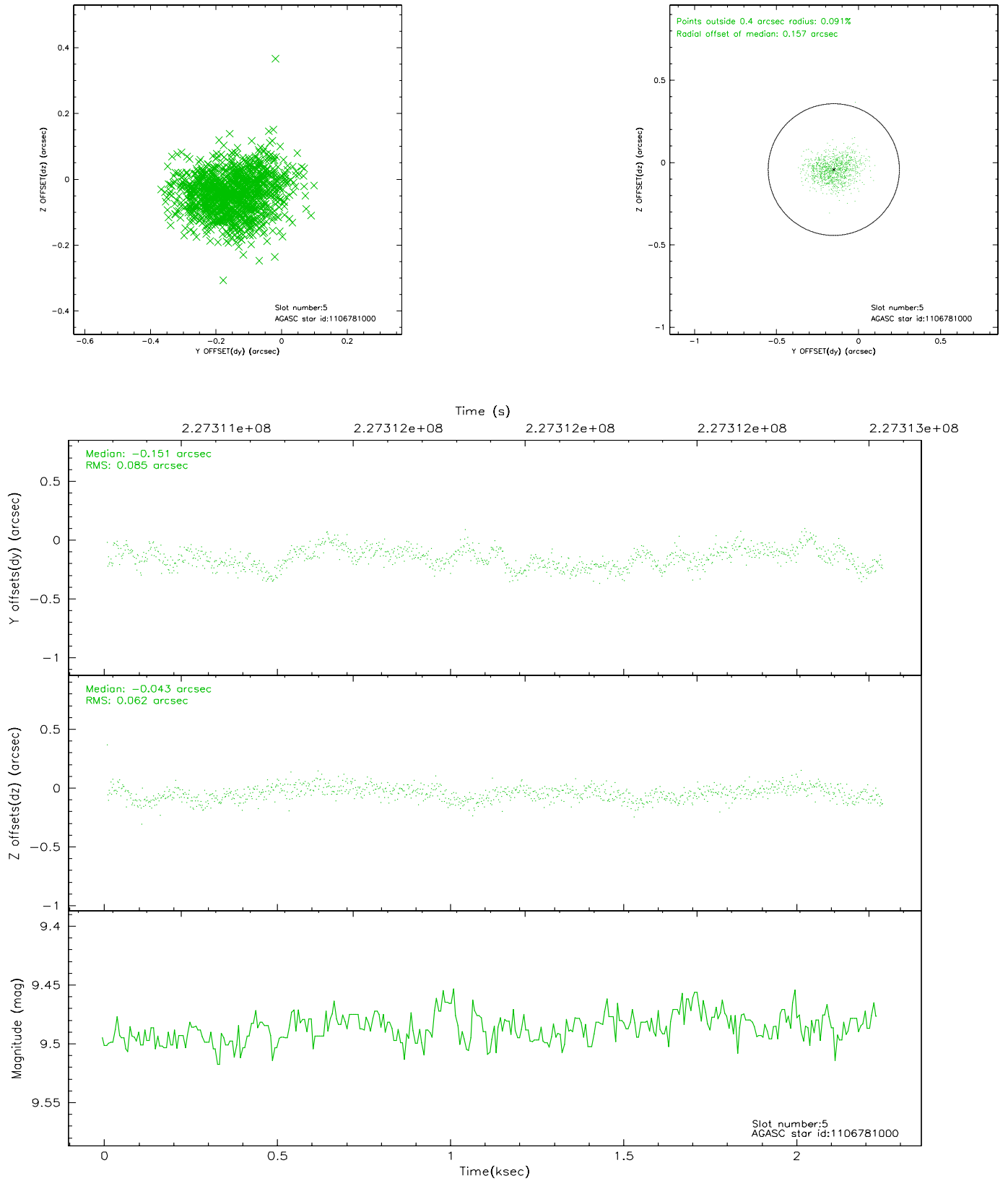
### 2.4.1 Slot 3



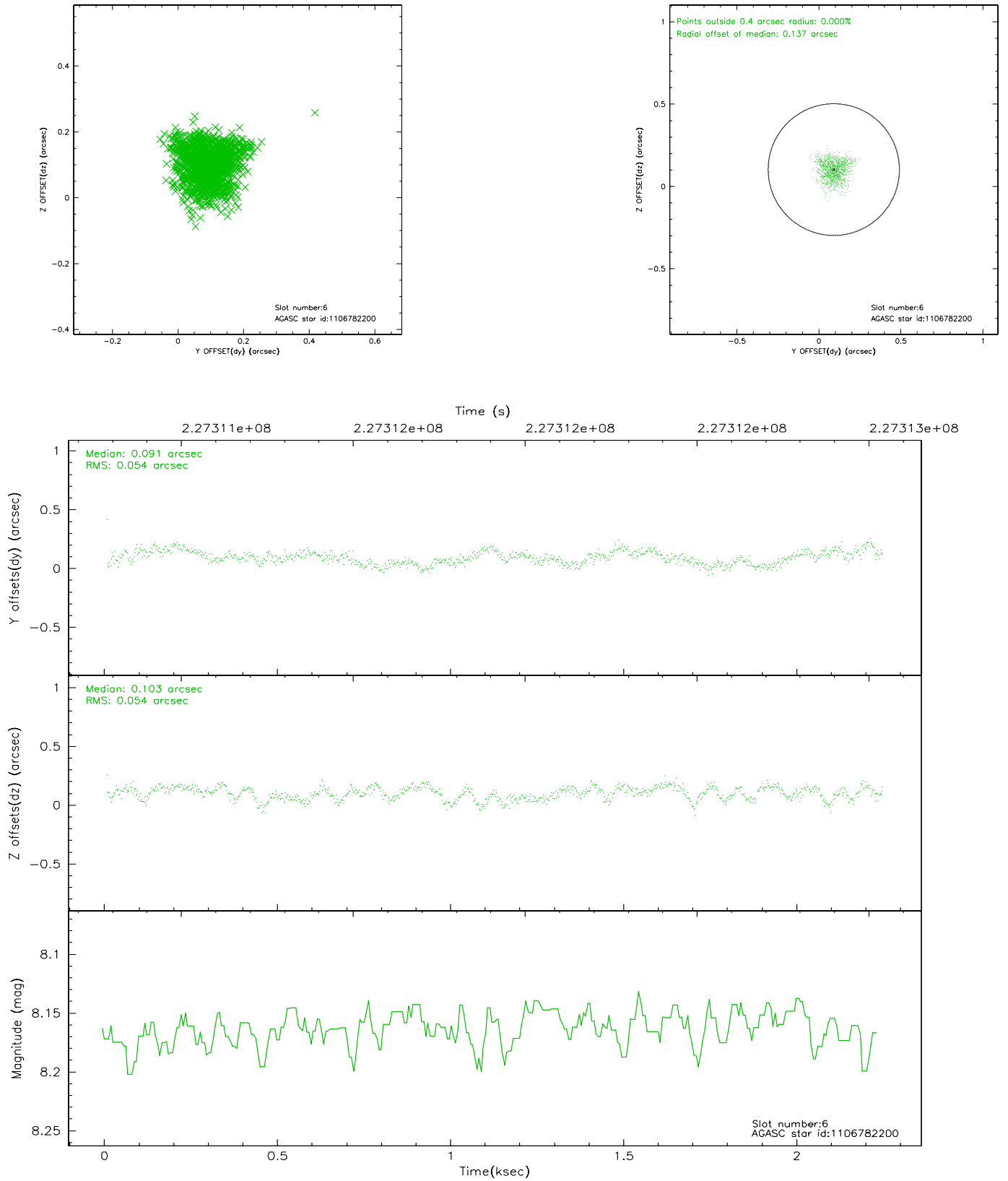
## 2.4.2 Slot 4



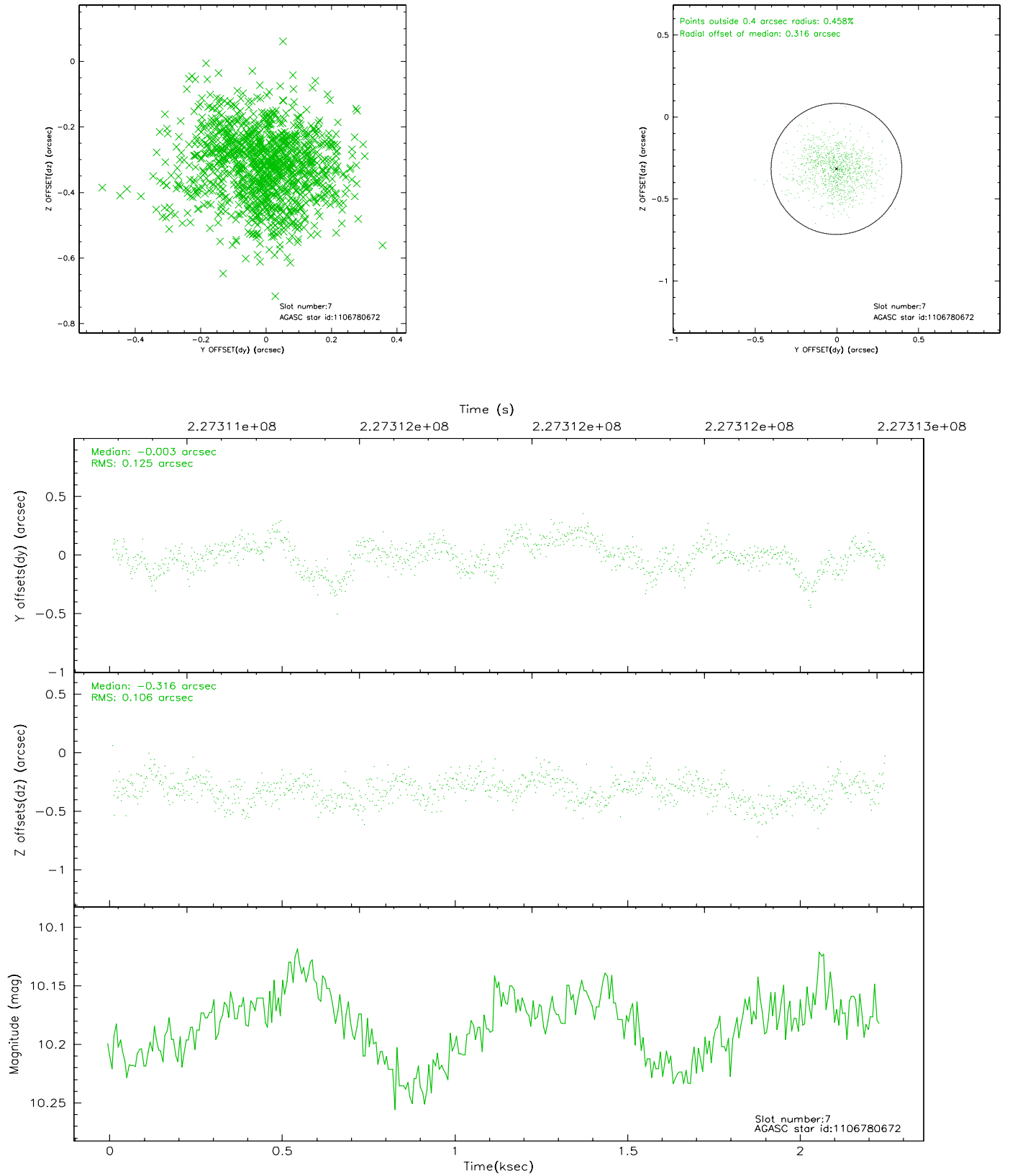
### 2.4.3 Slot 5



## 2.4.4 Slot 6

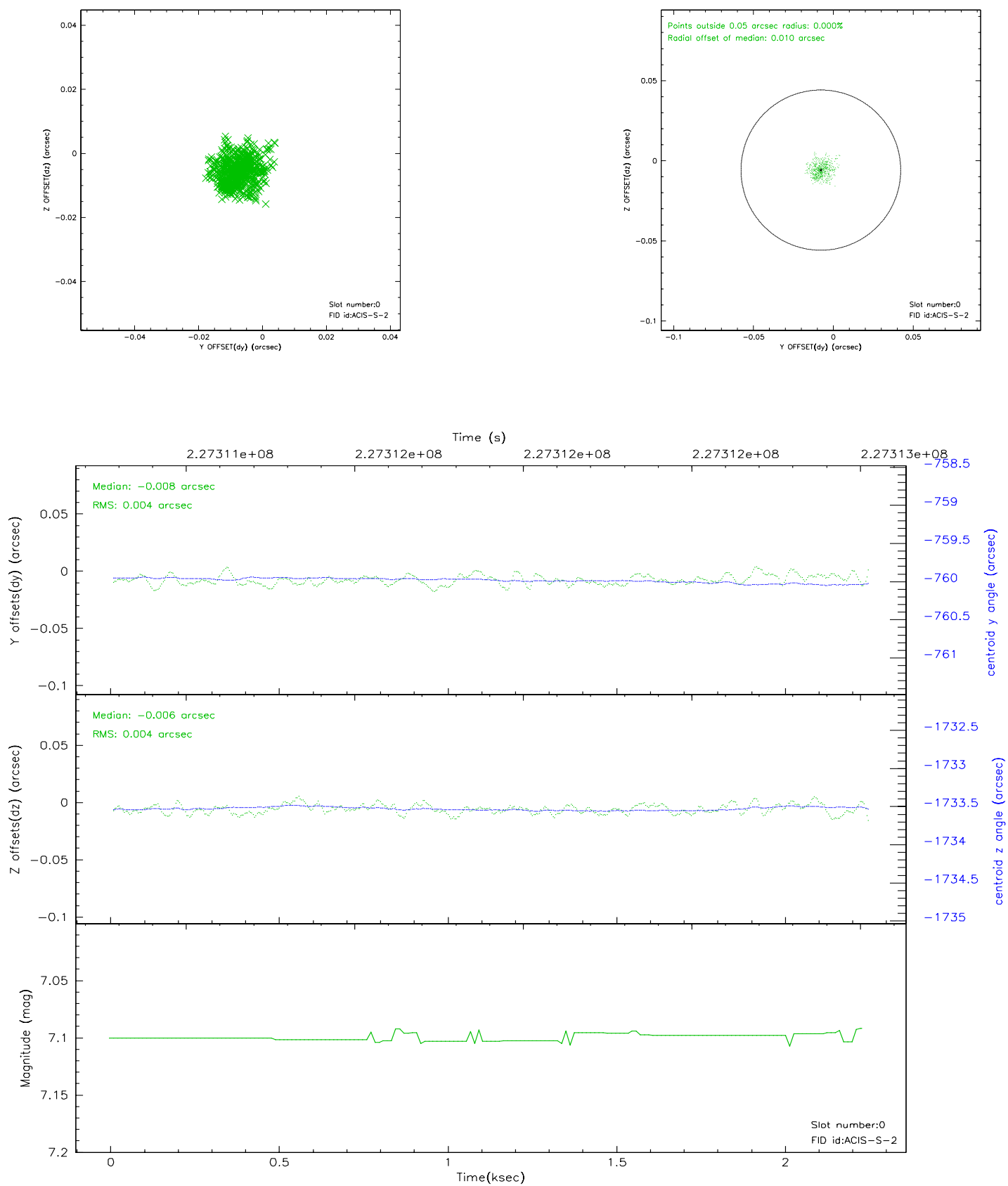


## 2.4.5 Slot 7

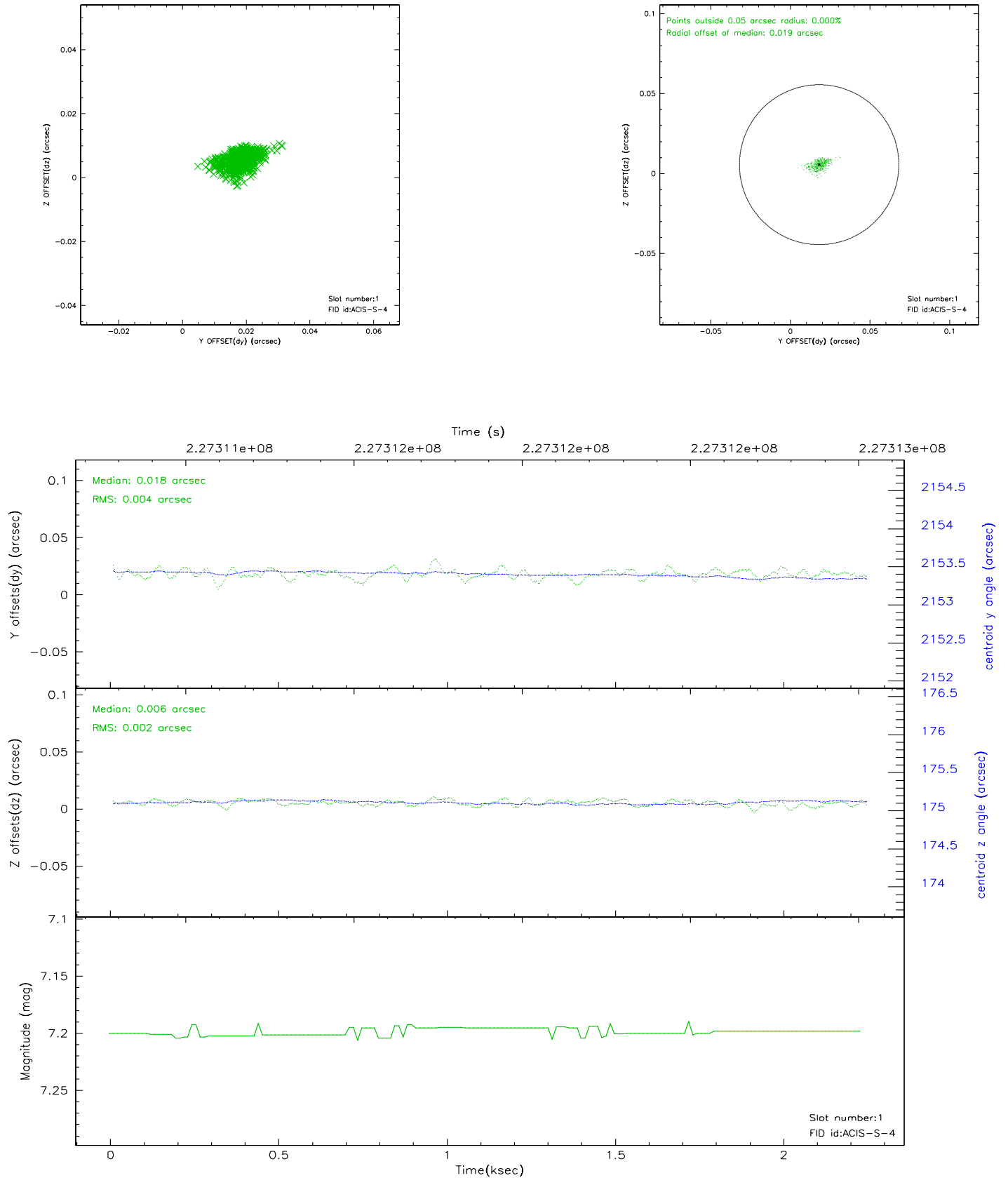


## 2.5 FID Slots

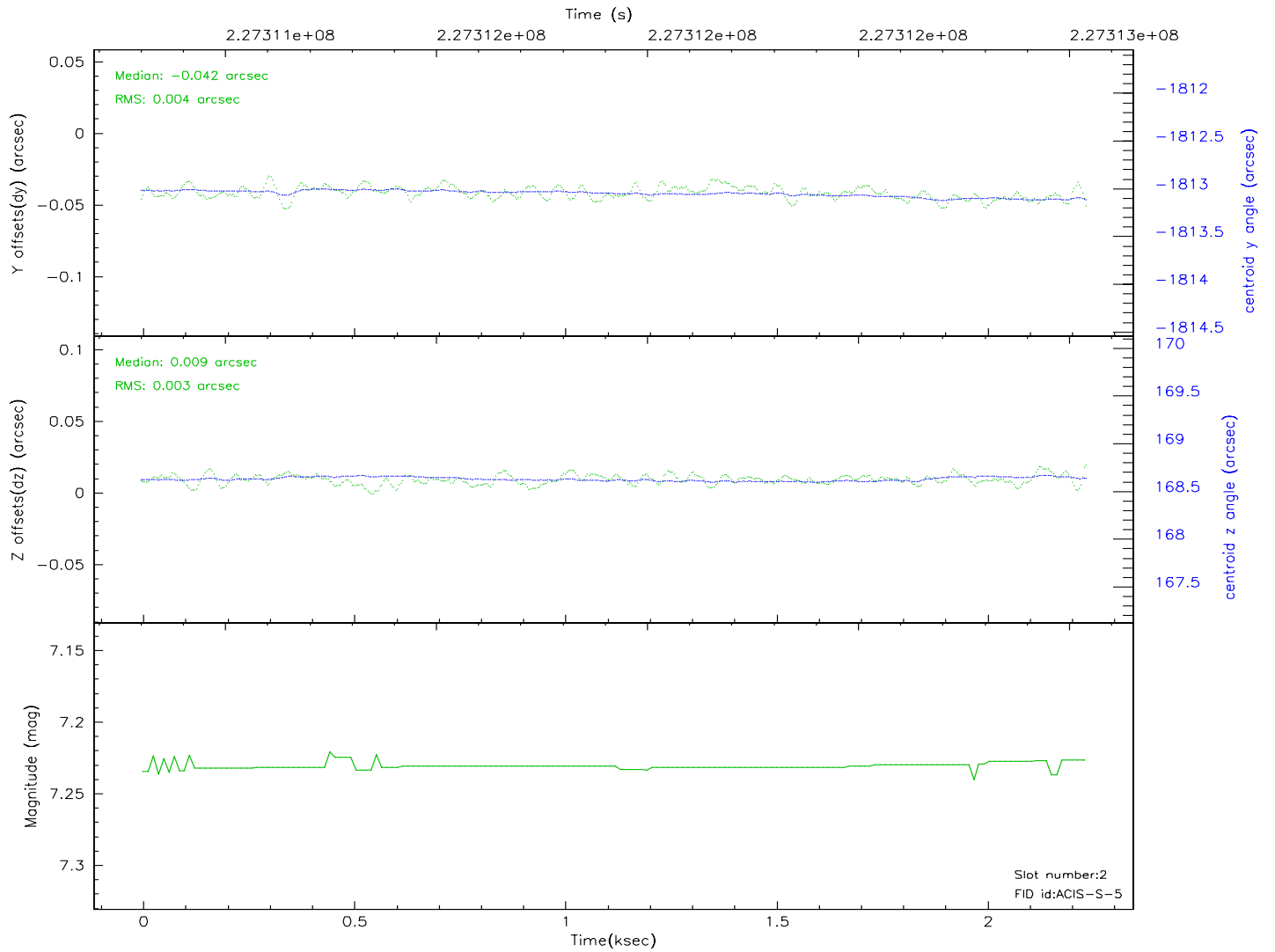
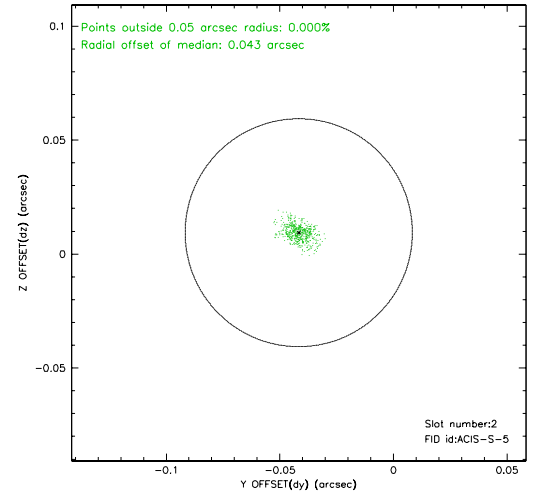
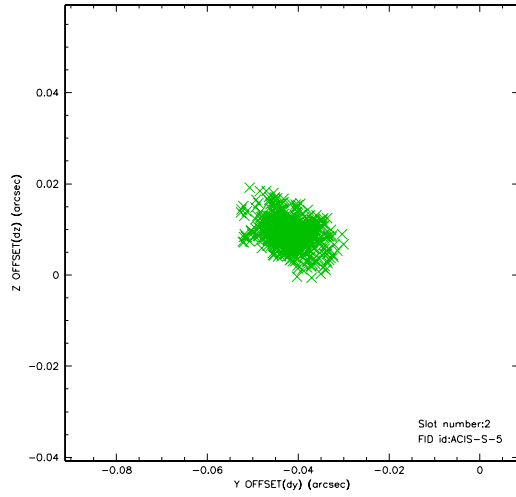
### 2.5.1 Slot 0



## 2.5.2 Slot 1

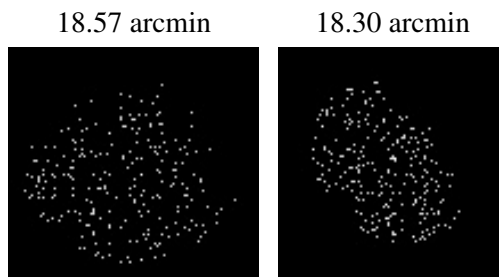


### 2.5.3 Slot 2





### 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	2.235099

### A.2 Comments