

# V&V Reference Report

## L2 ASCDS Version : 7.6.8

Observation 4256 - L2 Version 001  
Chandra X-Ray Center

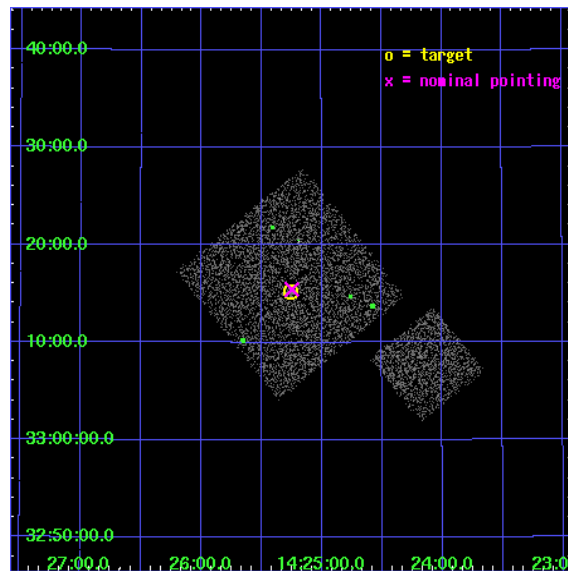
L2 Processing Date : Jul 25 2006

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# 1 Front

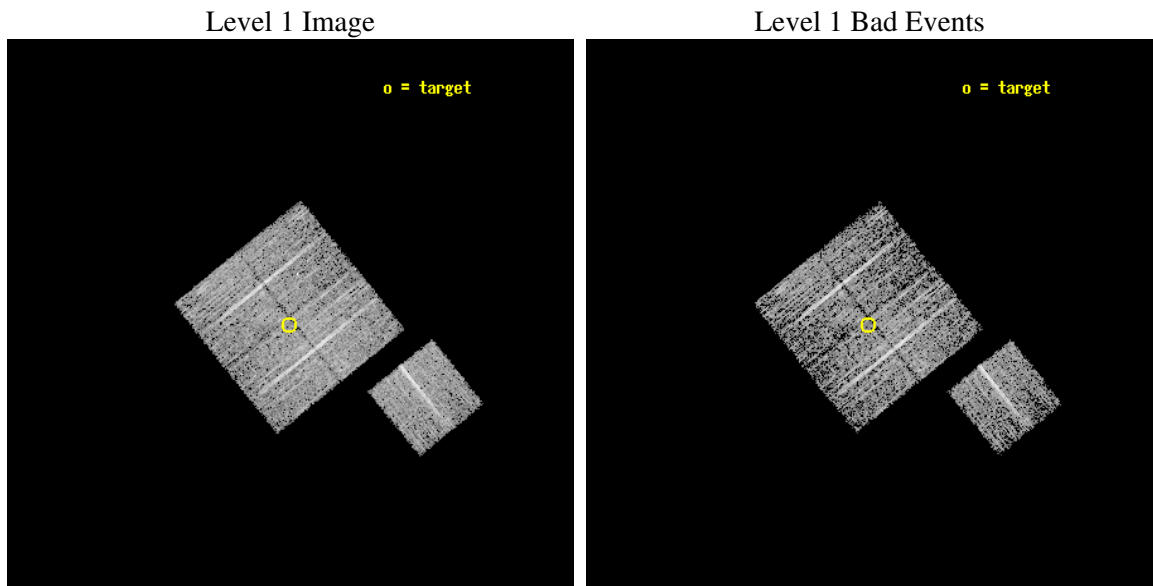
seq_num	900299
obs_id	4256
title	A CHANDRA WIDE-FIELD SURVEY TO MAP THE COSMIC WEB AND INVESTIGATE THE EVOLUTION OF NUCLEAR ACCRETION
observer	Dr. Christine Jones
object	SD41
dtcycle	0
cycle	P
ra_targ	216.314346
dec_targ	33.253224
ra_nom	216.31174931328
dec_nom	33.2573753425
roll_nom	141.01012477678
revision	2
ontime	4777.0999908149
livetime	4714.6836625851
ontime0	4777.0999908149
ontime1	4773.9590005577
ontime2	4777.0999908149
ontime3	4777.0999908149
ontime6	4773.9590005577
l2events	9946



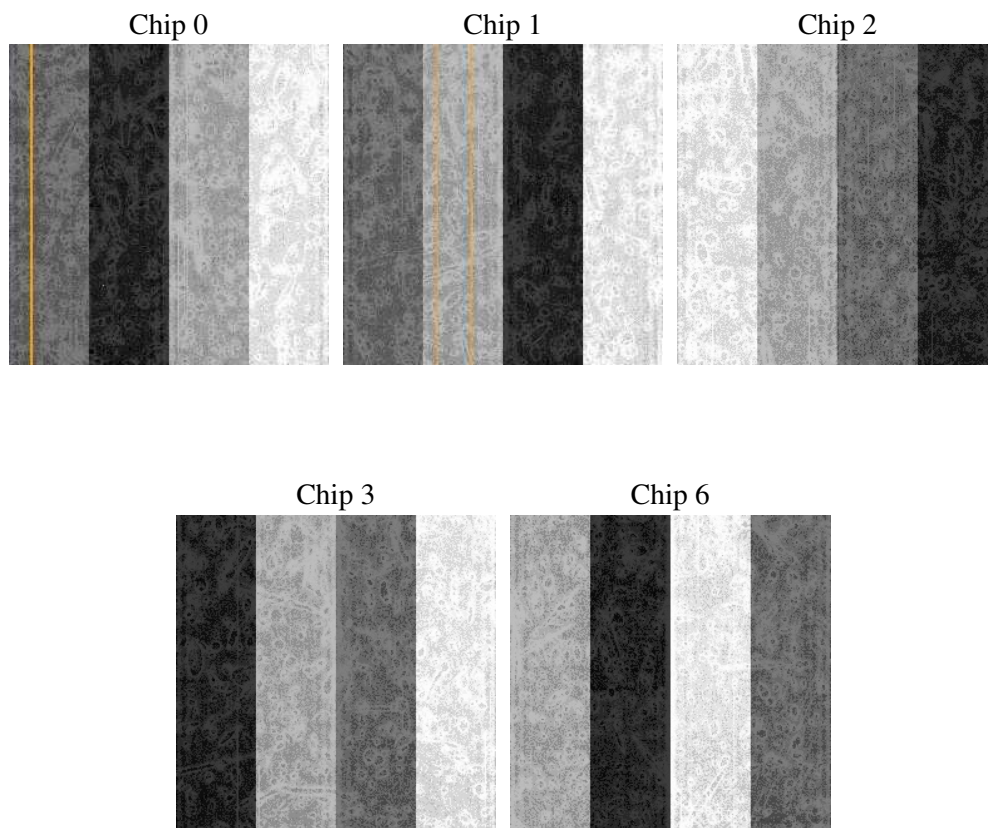
## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias



### 2.1.3 Parameters

obi_num	0
ascdsver	7.6.8
caldbver	3.2.2
date	2006-07-25T21:47:06
revision	2

sched_exp_time	5000.000000
ontime	4780.6231414378
ontime0	4780.6231513321
ontime1	4777.4821610749
ontime2	4780.6231414378
ontime3	4780.6231414378
ontime6	4777.4821511805
llevents	124007

### 2.1.4 Events

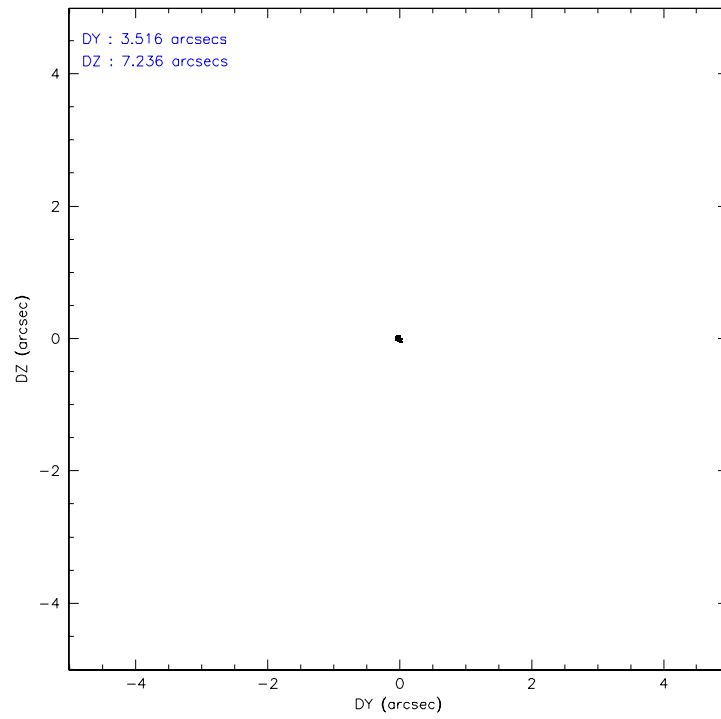
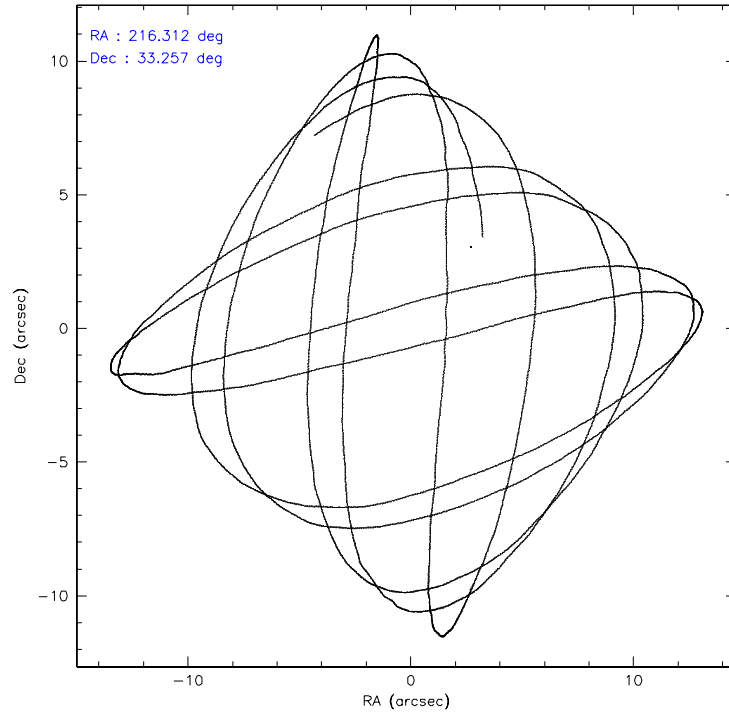
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	22066	25048	26993	24498	25402
rejected events	19561	22601	24565	22281	22891
rejected %	88%	90%	91%	90%	90%

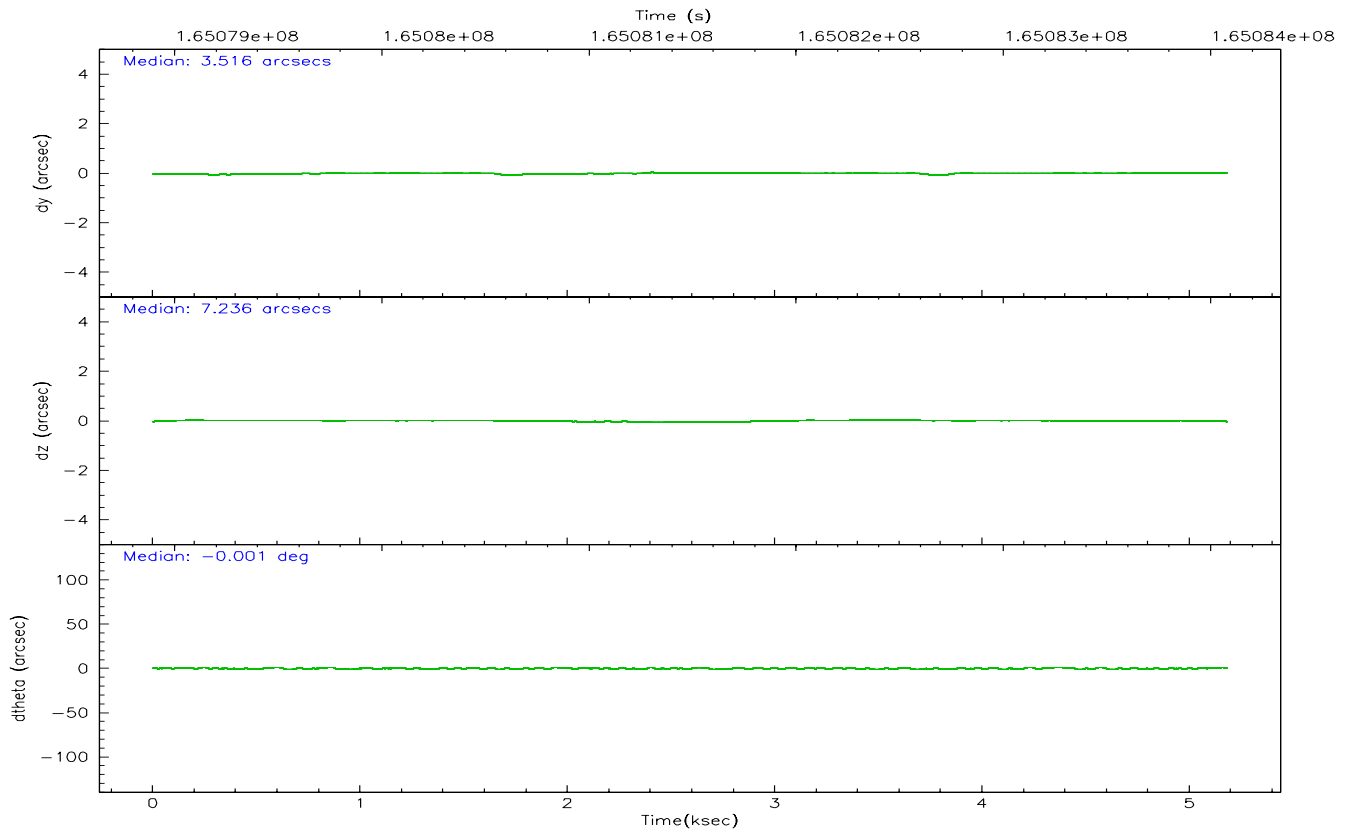
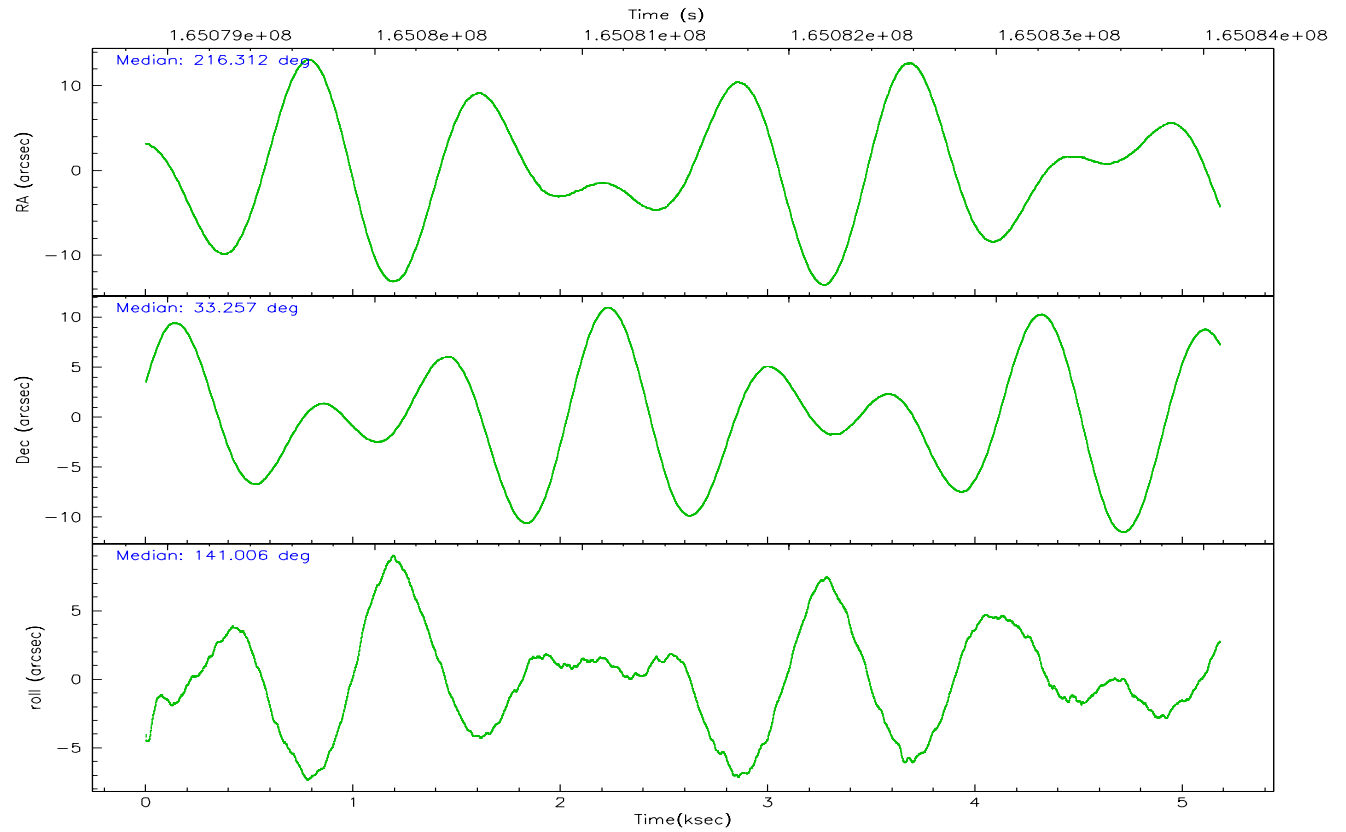
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	980	810	921	814	919
	4%	3%	3%	3%	3%
grade 1 events	5	13	16	12	10
	0%	0%	0%	0%	0%
grade 2 events	559	529	524	487	512
	2%	2%	1%	1%	2%
grade 3 events	283	328	266	272	275
	1%	1%	0%	1%	1%
grade 4 events	262	289	264	233	307
	1%	1%	0%	0%	1%
grade 5 events	719	794	676	784	796
	3%	3%	2%	3%	3%
grade 6 events	422	493	454	413	501
	1%	1%	1%	1%	1%
grade 7 events	18836	21792	23872	21483	22082
	85%	87%	88%	87%	86%

## 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	VFAINT	VFAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	216.344102	216.311749313277	Alternating exposures requested	N	N
Pointing Dec	33.253139	33.25737534250043	Primary exposure time	0.000000	3.1
Pointing Roll	140.783686	141.0101247767786			
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	165079079.184000	165078703.81179			
Observation start date	2003-03-26T15:16:55	2003-03-26T15:11:43			
Observation end time	165084079.184000	165084213.69953			
Observation end date	2003-03-26T16:40:15	2003-03-26T16:43:33			
Read mode	TIMED	TIMED			

## 2.3 Aspect





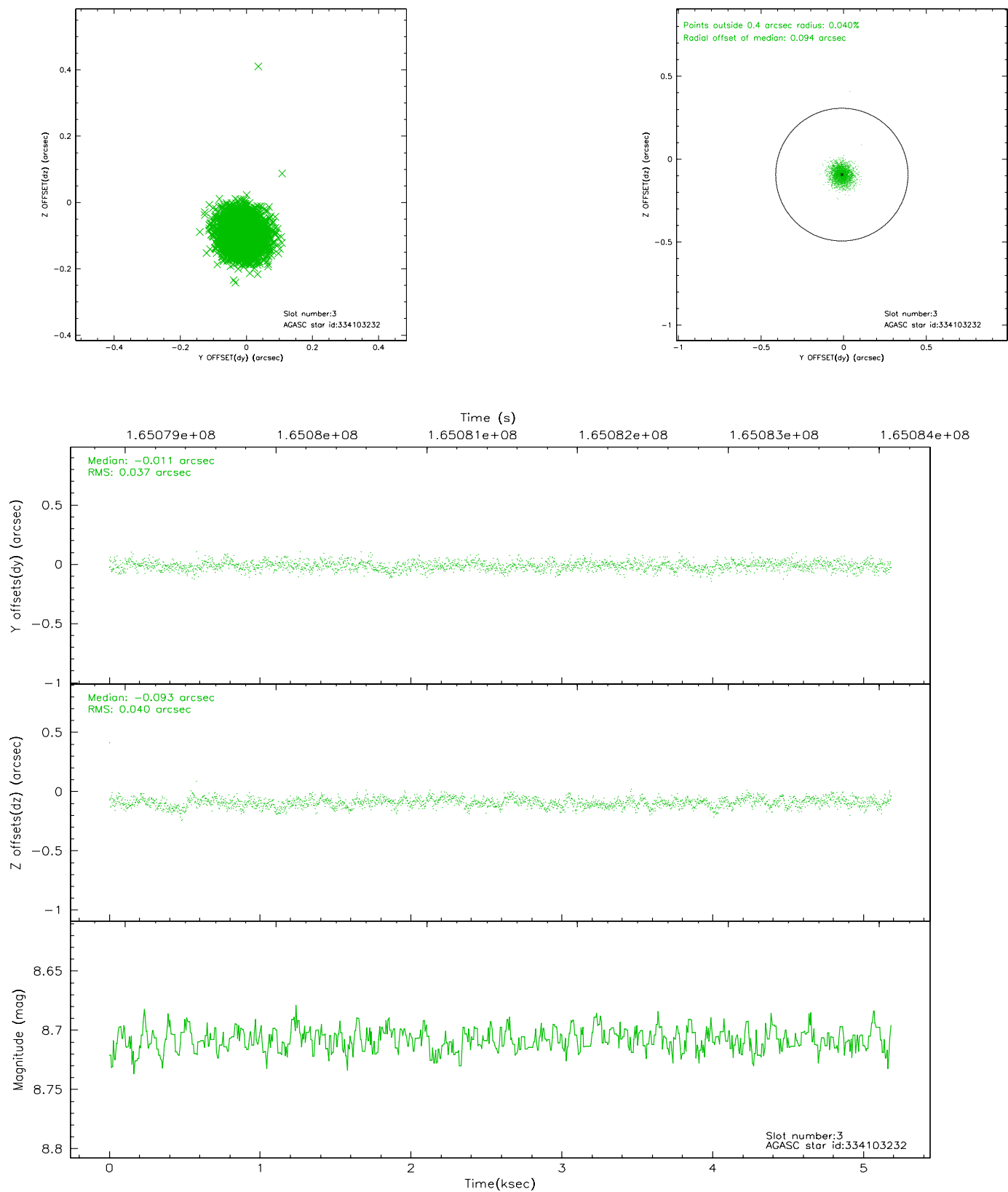
### Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	1264	0.002	0.043	0.006	0.012	0.000000	0.000000	936.26	-830.60
1	FID	ACIS-I-5	7.24	1264	-0.066	0.056	0.006	0.010	0.000000	0.000000	-1811.23	1066.36
2	FID	ACIS-I-6	7.26	1264	-0.027	-0.029	0.007	0.011	0.000000	0.000000	400.55	1712.07
3	GUIDE	334103232	8.71	2529	-0.011	-0.093	0.057	0.093	215.850271	33.571936	1875.33	45.10
4	GUIDE	334106080	9.14	2529	-0.161	0.005	0.085	0.144	215.767785	32.987168	746.30	1839.00
5	GUIDE	335021200	8.87	2529	0.037	0.010	0.068	0.112	216.377257	32.627867	-1500.81	1681.58
6	GUIDE	335022112	9.22	2529	0.062	0.041	0.077	0.132	216.659296	32.794758	-1782.24	675.43
7	GUIDE	335028240	9.17	2524	0.074	0.038	0.080	0.128	216.746851	33.385009	-636.77	-1134.33

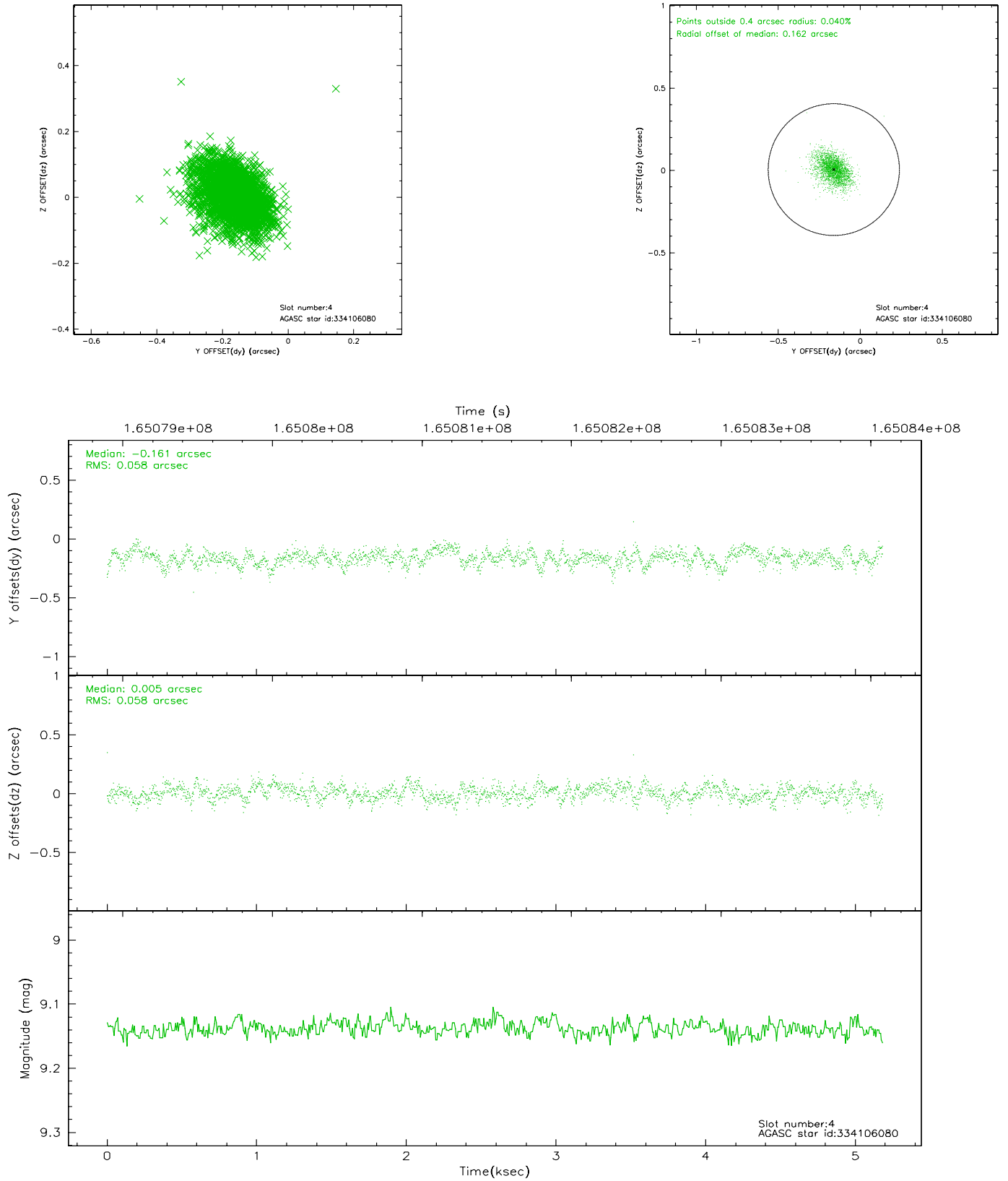


## 2.4 Star Slots

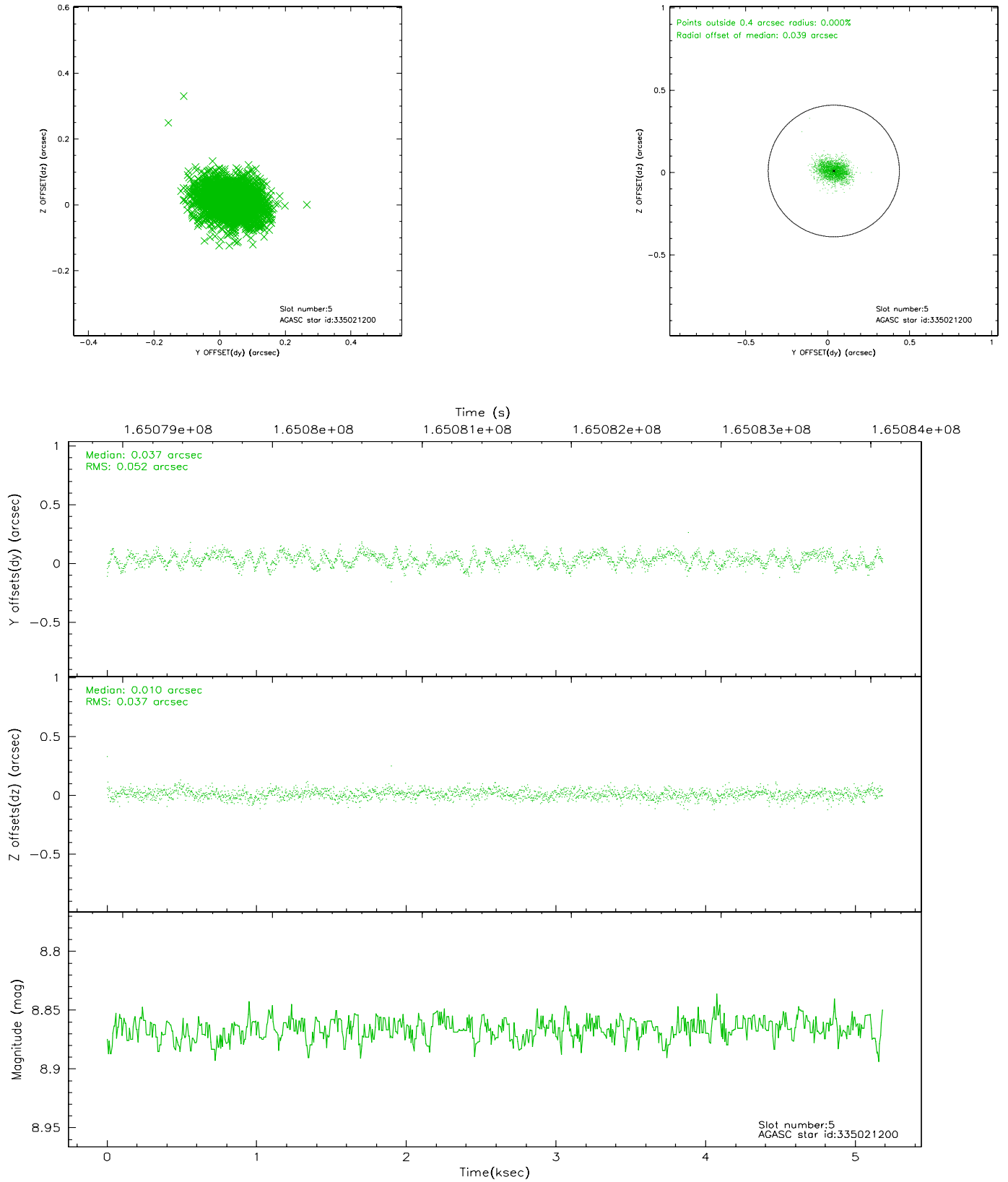
### 2.4.1 Slot 3



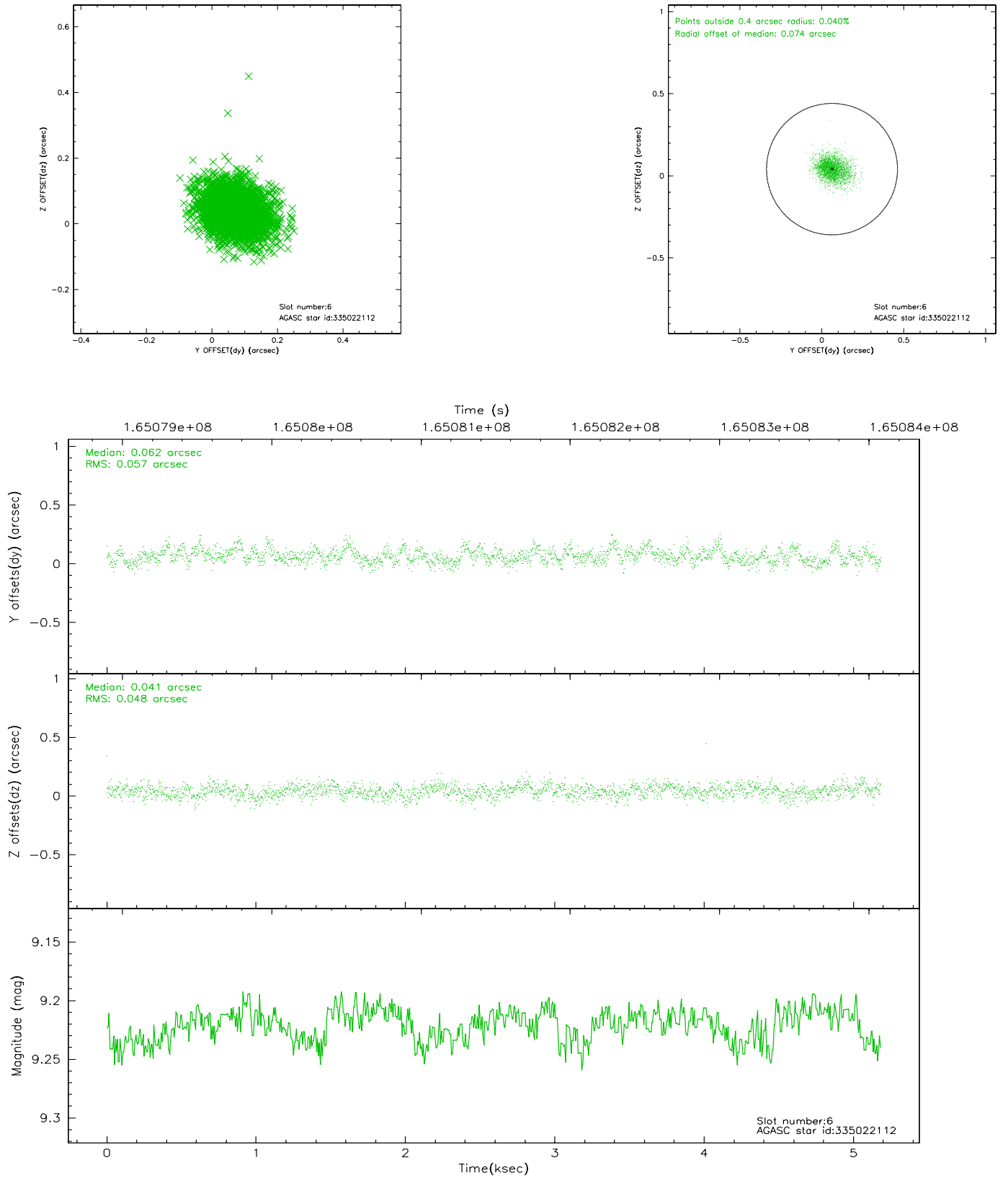
## 2.4.2 Slot 4



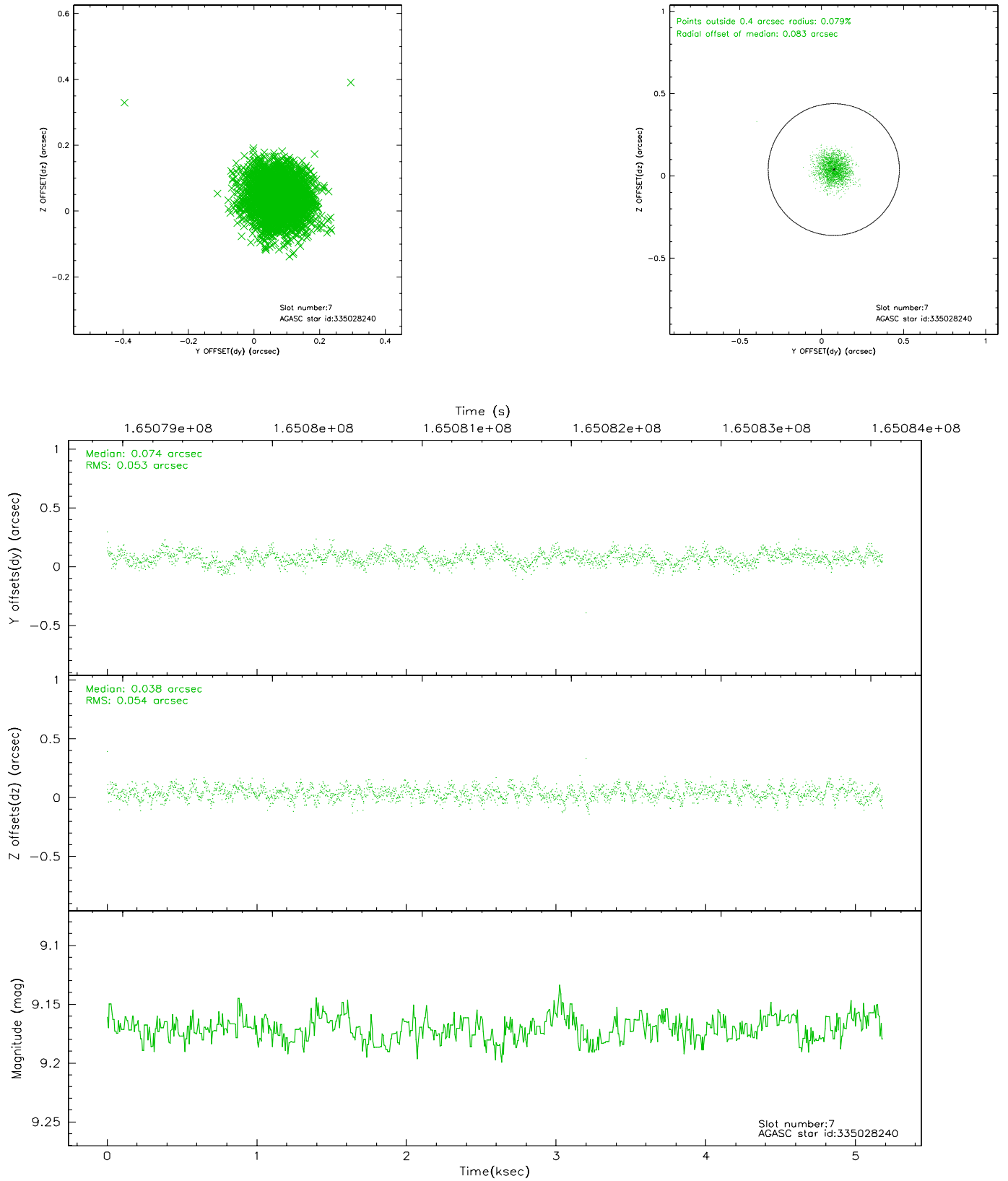
### 2.4.3 Slot 5



## 2.4.4 Slot 6

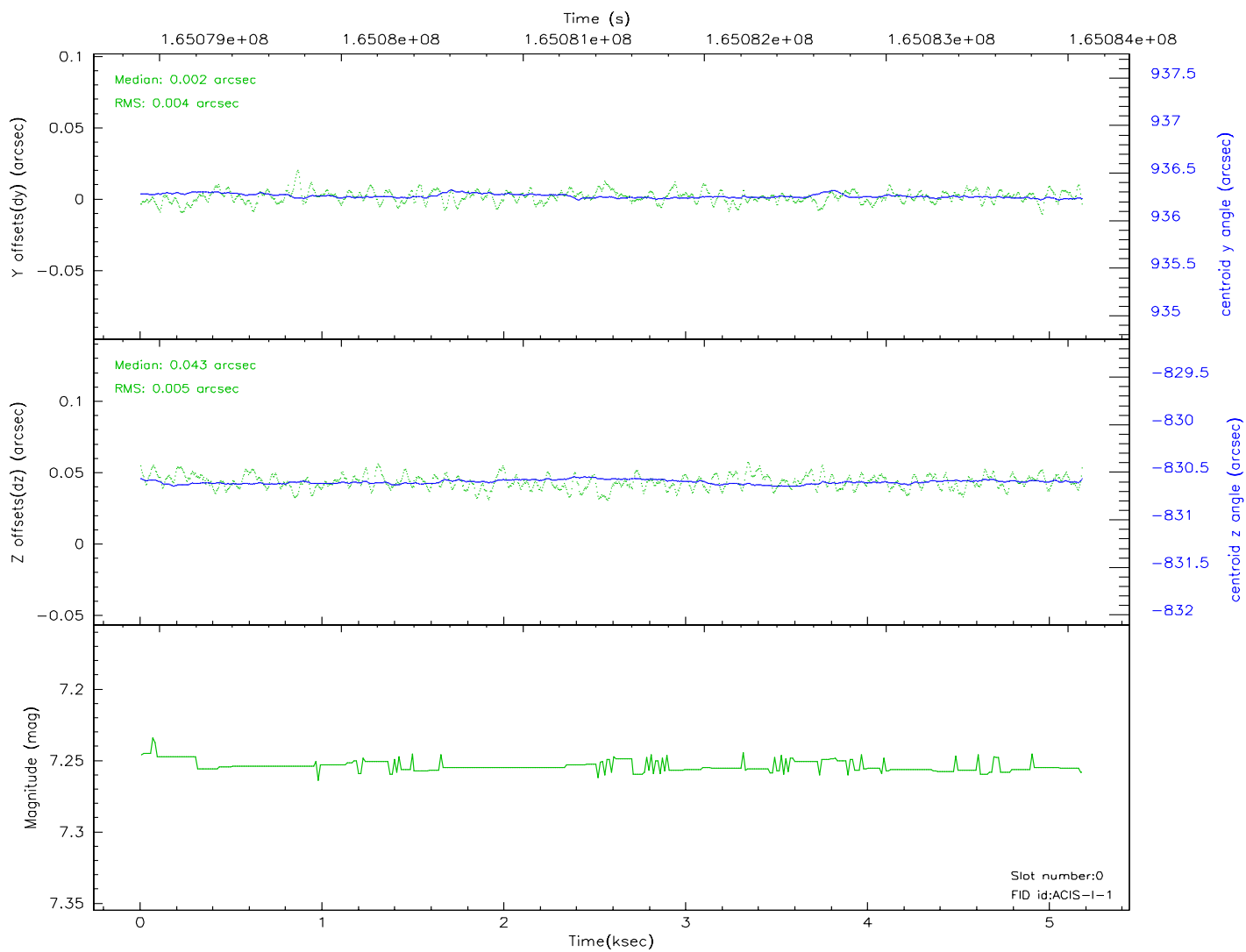
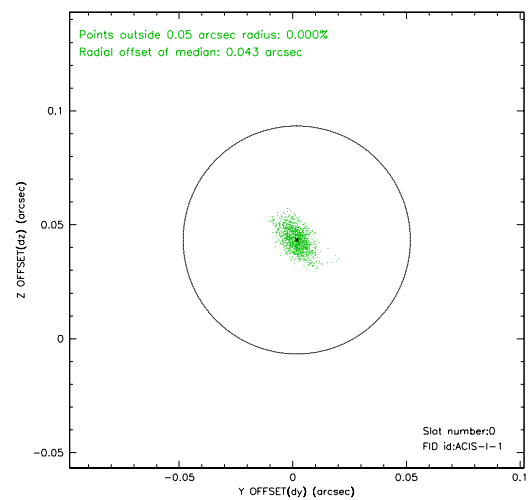
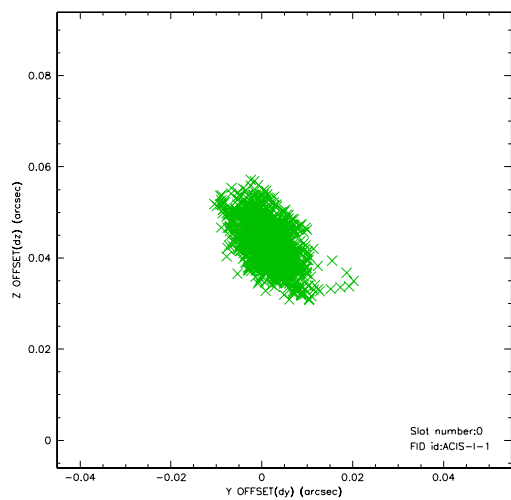


## 2.4.5 Slot 7

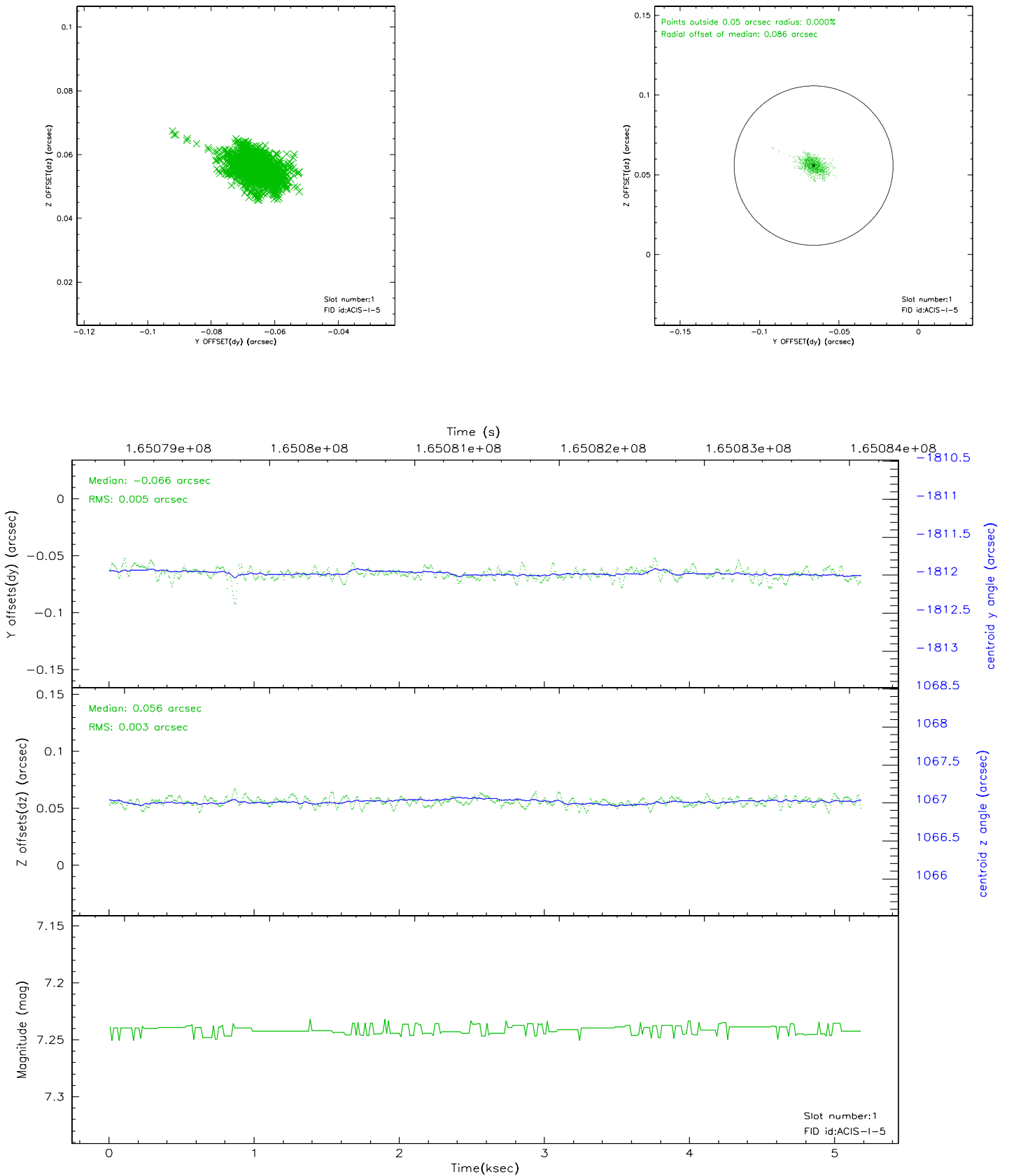


## 2.5 FID Slots

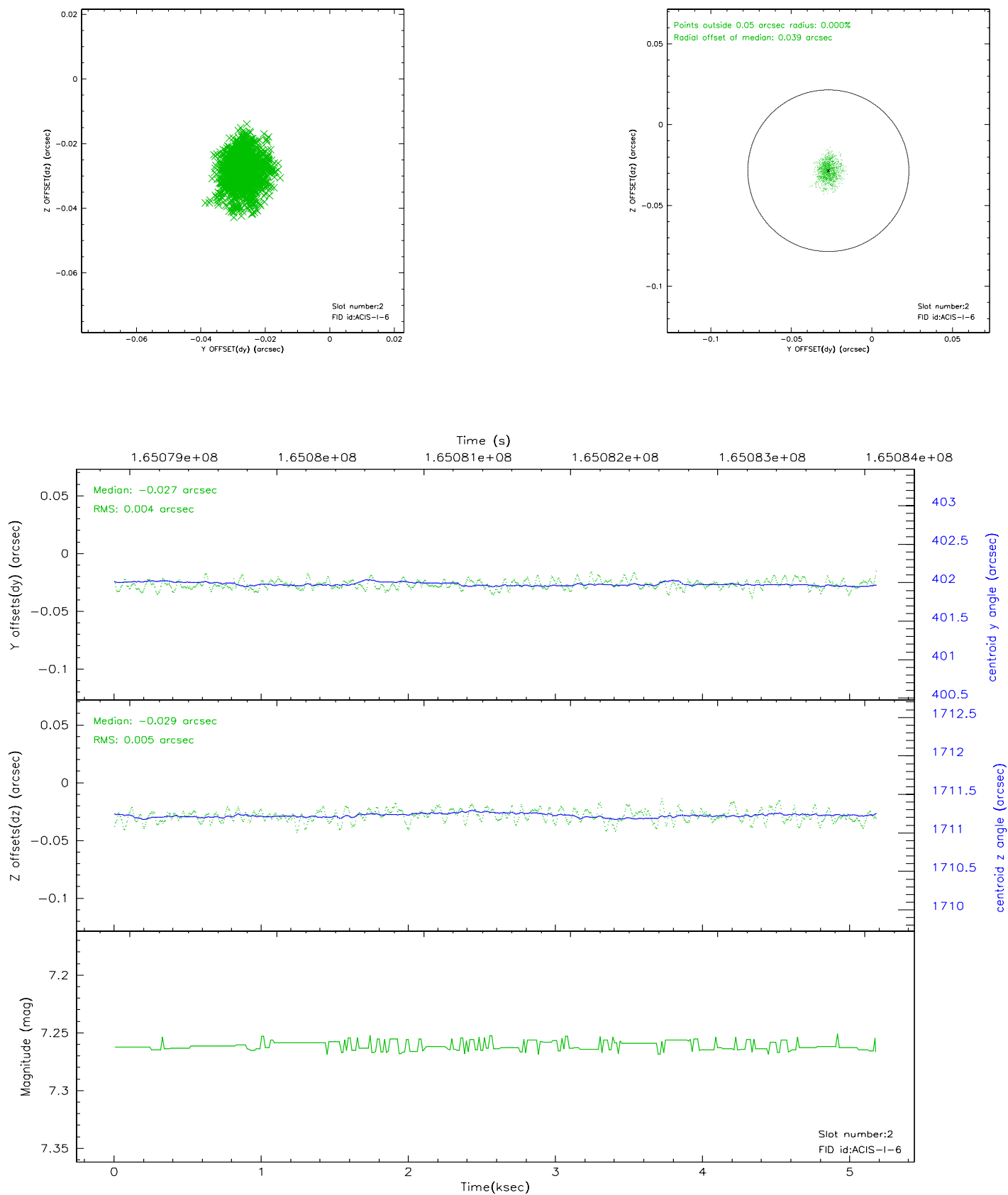
### 2.5.1 Slot 0



## 2.5.2 Slot 1

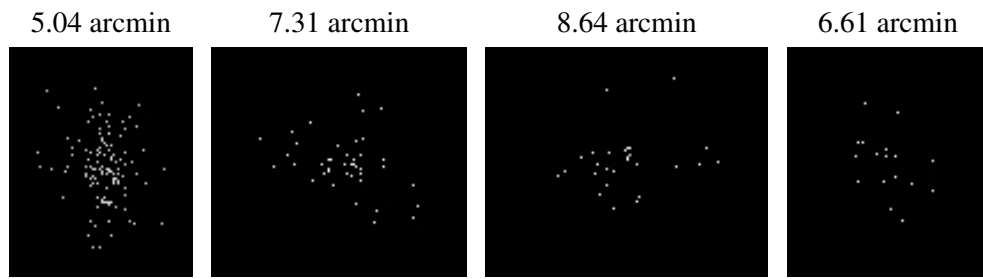


### 2.5.3 Slot 2





### 3 Point Sources



## A Summary

### A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.07.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.777

### A.2 Comments