

# V&V Reference Report

## L2 ASCDS Version : 7.6.8

Observation 4260 - L2 Version 001  
Chandra X-Ray Center

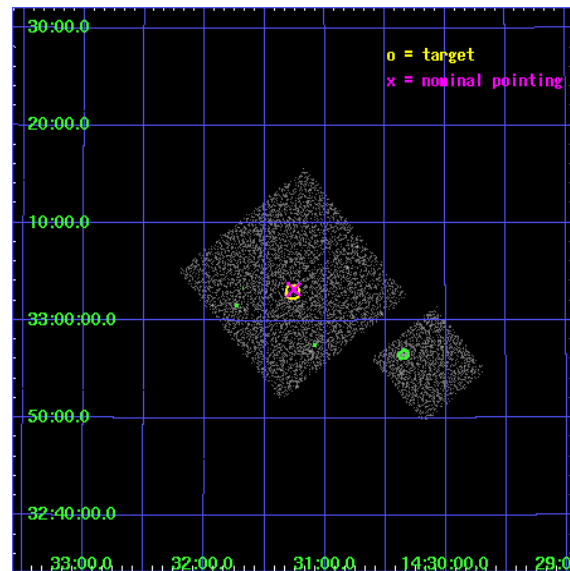
L2 Processing Date : Jul 29 2006

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# 1 Front

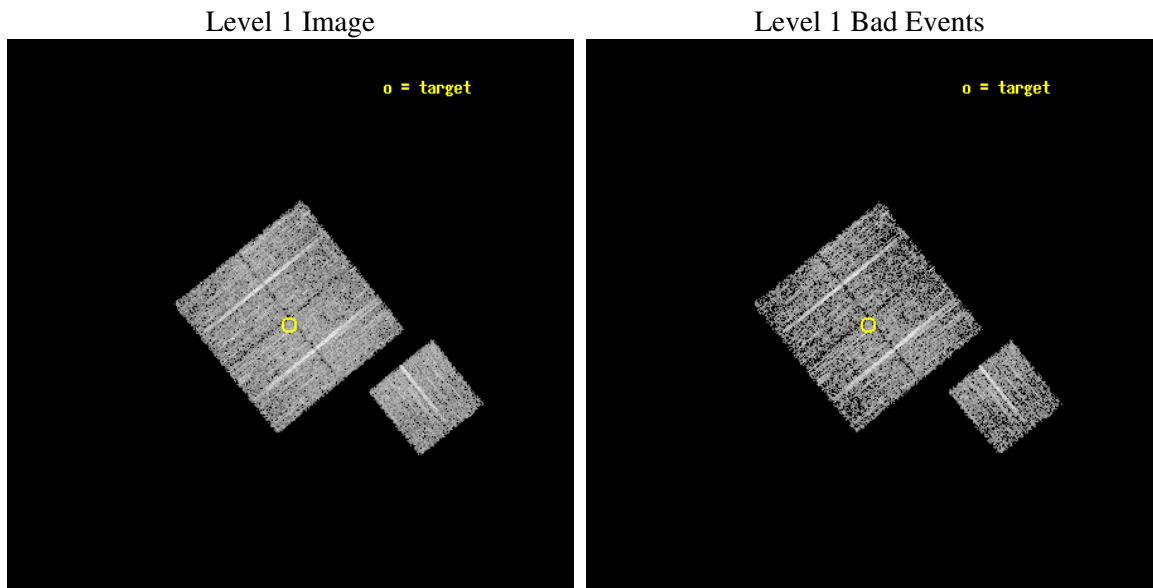
seq_num	900303
obs_id	4260
title	A CHANDRA WIDE-FIELD SURVEY TO MAP THE COSMIC WEB AND INVESTIGATE THE EVOLUTION OF NUCLEAR ACCRETION
observer	Dr. Christine Jones
object	SS31
dtcycle	0
cycle	P
ra_targ	217.816997
dec_targ	33.04953
ra_nom	217.81434523059
dec_nom	33.053593573823
roll_nom	141.01014109644
revision	2
ontime	4671.6999910176
livetime	4610.6607913794
ontime0	4671.6999910176
ontime1	4668.5590108037
ontime2	4671.6999910176
ontime3	4671.6999910176
ontime6	4671.6999910176
l2events	9467



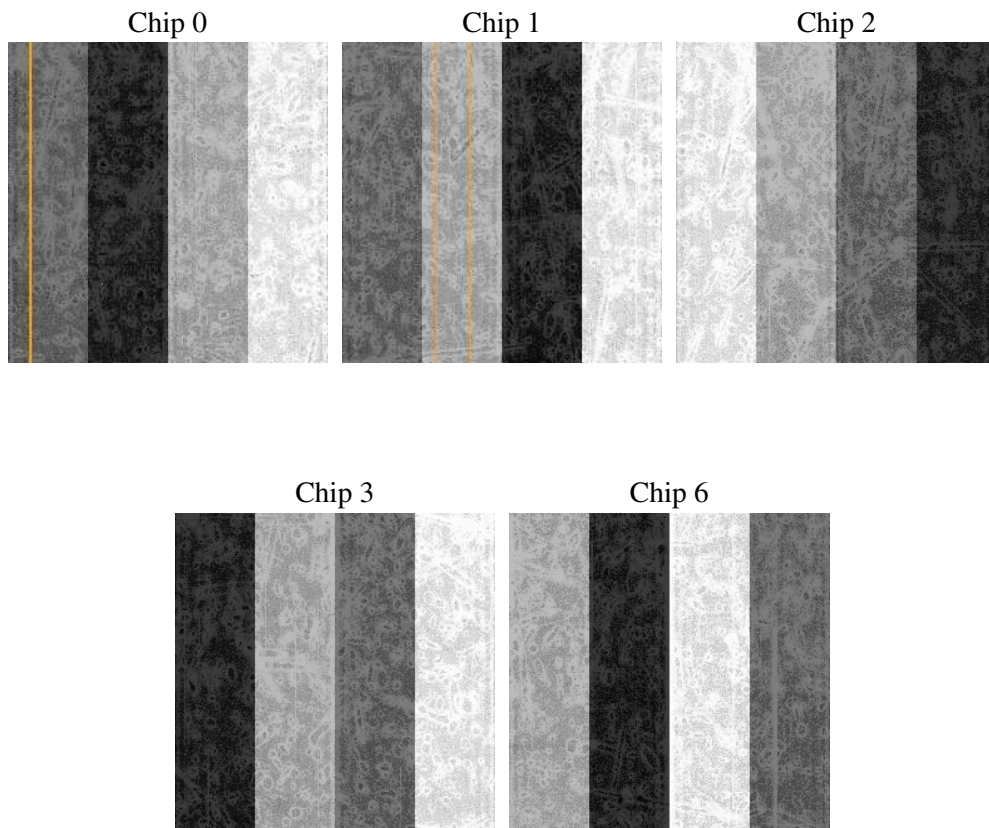
## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias



### 2.1.3 Parameters

obi_num	1
ascdsver	7.6.8
caldbver	3.2.2
date	2006-07-29T20:31:39
revision	2

sched_exp_time	4900.000000
ontime	4676.9653571248
ontime0	4676.9653472304
ontime1	4673.8243769109
ontime2	4676.9653571248
ontime3	4676.9653571248
ontime6	4676.9653571248
l1events	112113

### 2.1.4 Events

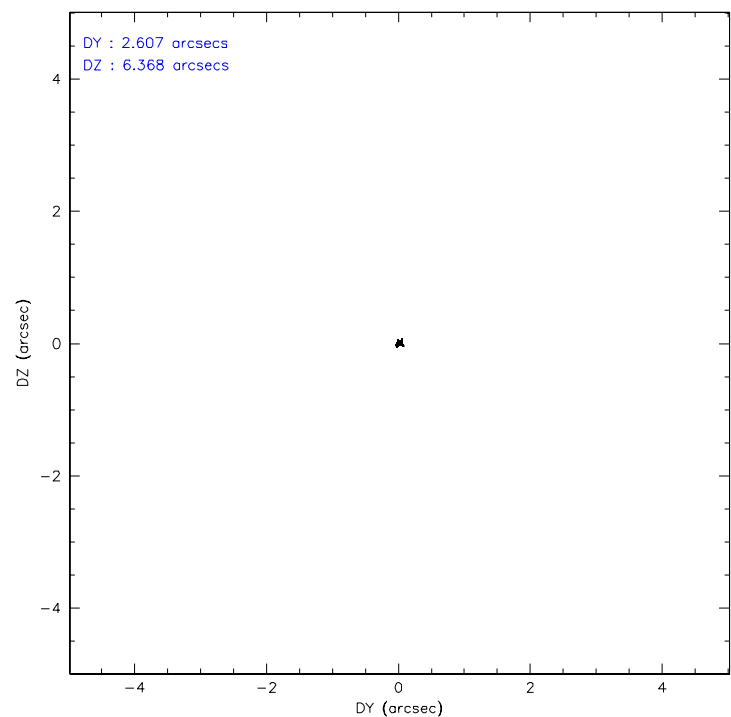
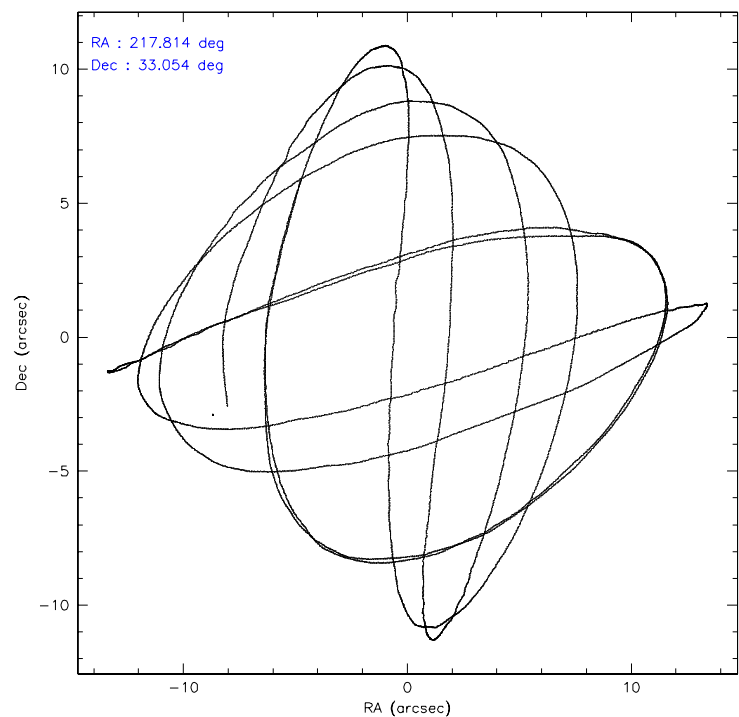
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	21235	20996	23697	23563	22622
rejected events	18959	18527	21496	21449	20246
rejected %	89%	88%	90%	91%	89%

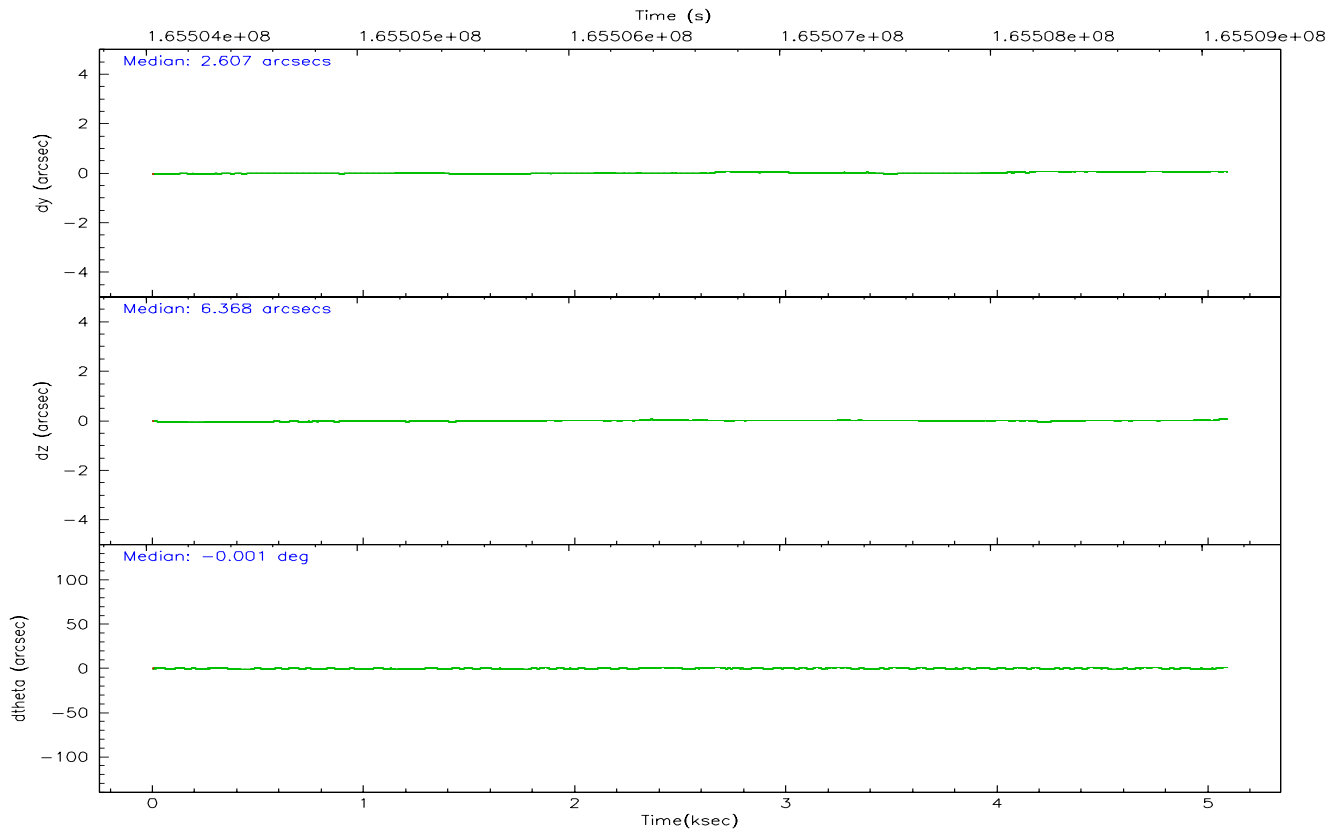
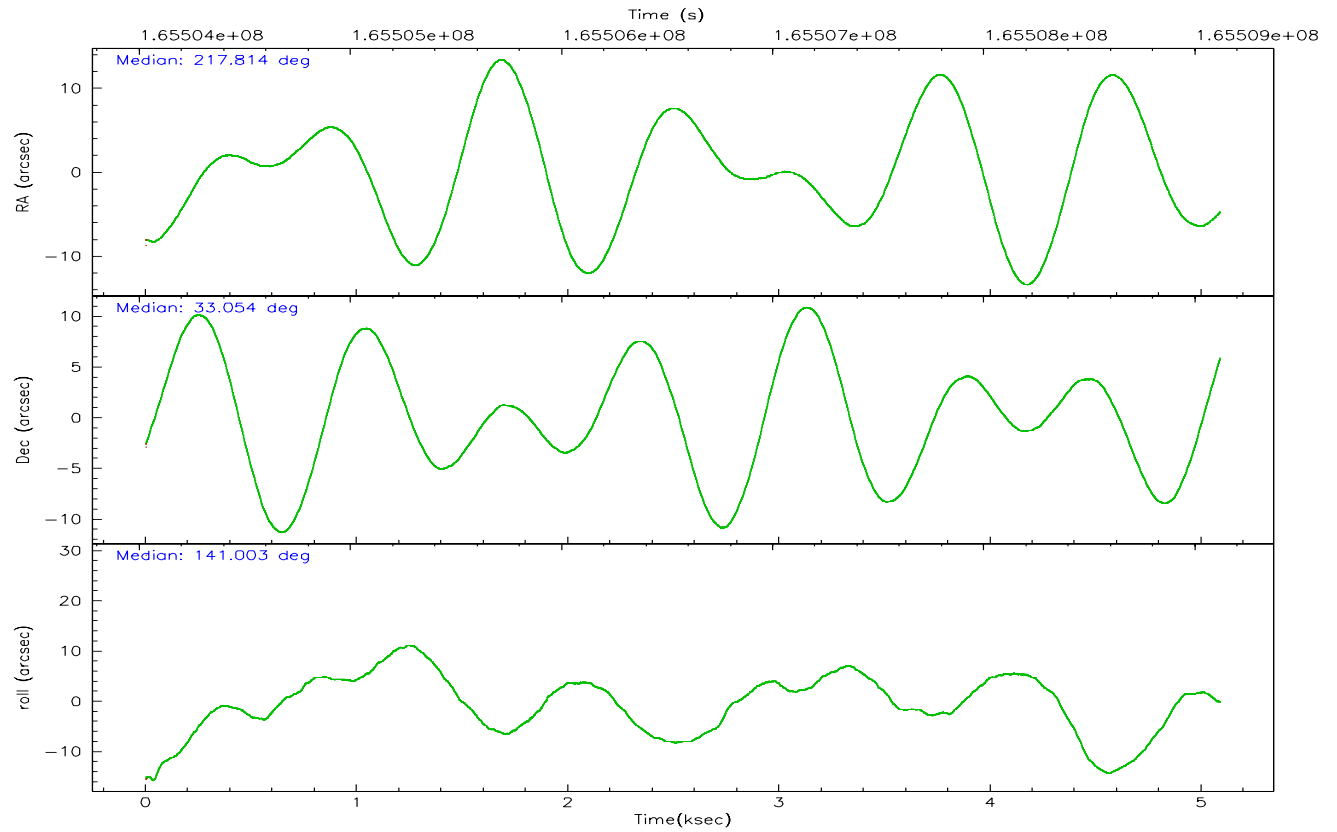
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	801	948	862	804	909
	3%	4%	3%	3%	4%
grade 1 events	14	7	9	15	9
	0%	0%	0%	0%	0%
grade 2 events	512	502	451	410	508
	2%	2%	1%	1%	2%
grade 3 events	277	263	239	254	267
	1%	1%	1%	1%	1%
grade 4 events	266	281	249	236	276
	1%	1%	1%	1%	1%
grade 5 events	651	721	651	751	738
	3%	3%	2%	3%	3%
grade 6 events	424	479	402	411	419
	1%	2%	1%	1%	1%
grade 7 events	18290	17795	20834	20682	19496
	86%	84%	87%	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	217.846682	217.8143452305911	Alternating exposures requested	N	N
Pointing Dec	33.049455	33.05359357382267	Primary exposure time	0.000000	3.1
Pointing Roll	140.783811	141.0101410964432			
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	165504224.184000	165503848.20472			
Observation start date	2003-03-31T13:22:40	2003-03-31T13:17:28			
Observation end time	165509124.184000	165509258.15494			
Observation end date	2003-03-31T14:44:20	2003-03-31T14:47:38			
Read mode	TIMED	TIMED			

## 2.3 Aspect





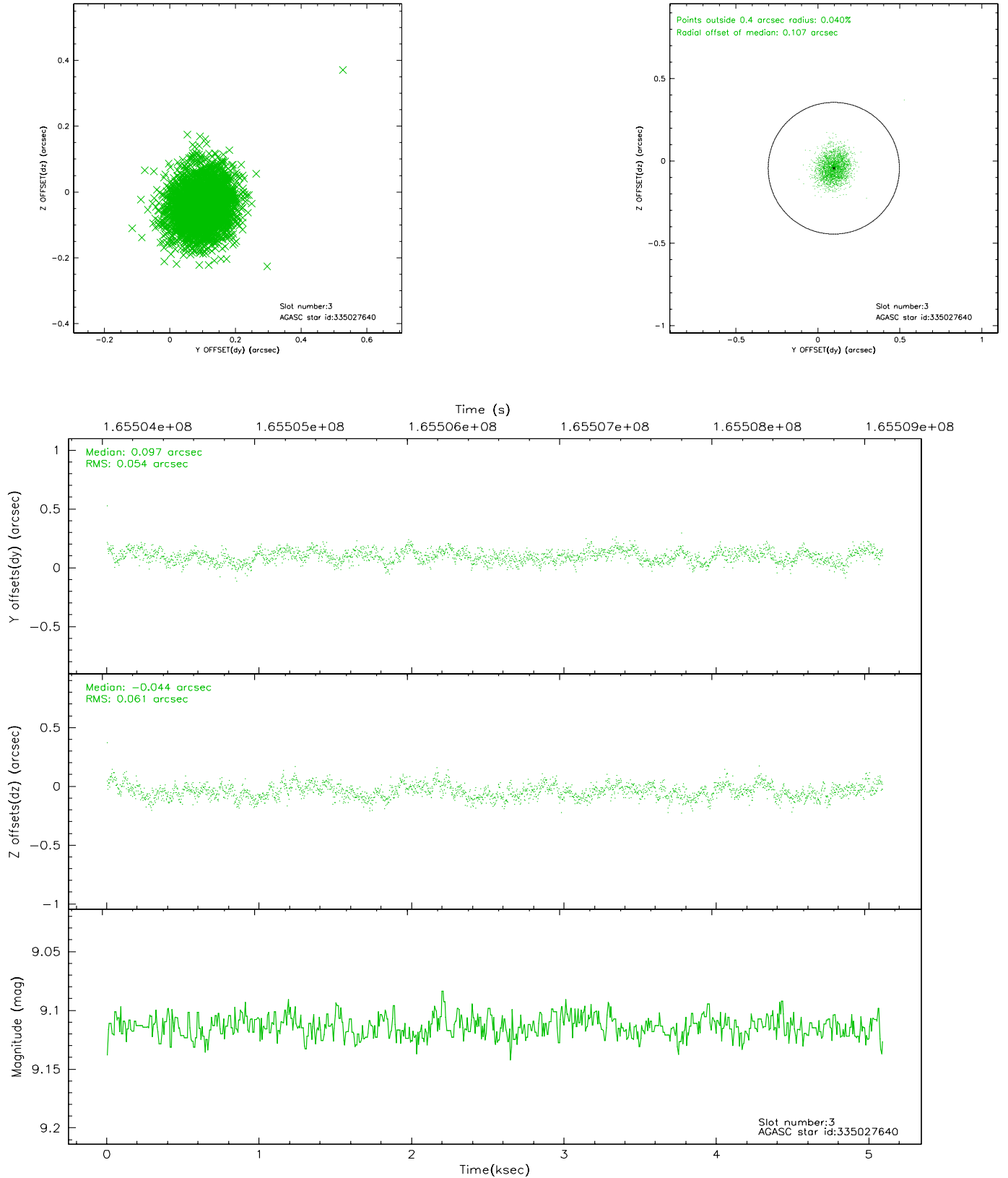
### Slot Statistics

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	1242	-0.010	0.022	0.006	0.009	0.000000	0.000000	937.16	-829.73
1	FID	ACIS-I-5	7.24	1242	-0.049	0.042	0.006	0.010	0.000000	0.000000	-1810.29	1067.22
2	FID	ACIS-I-6	7.26	1242	-0.033	0.007	0.006	0.010	0.000000	0.000000	401.43	1713.01
3	GUIDE	335027640	9.11	2483	0.097	-0.044	0.086	0.137	218.092211	33.193770	-243.64	-870.96
4	GUIDE	335028616	9.96	2482	-0.021	0.058	0.120	0.194	218.529874	33.175085	-1304.74	-1657.47
5	GUIDE	335029368	10.16	2481	-0.074	-0.024	0.112	0.182	217.181018	33.065030	1594.90	1220.86
6	GUIDE	335029384	8.49	2483	-0.024	0.036	0.079	0.130	217.848061	33.088477	86.30	-110.93
7	GUIDE	335025848	9.72	2479	0.019	-0.031	0.129	0.206	217.530531	33.778292	2393.25	-1435.70

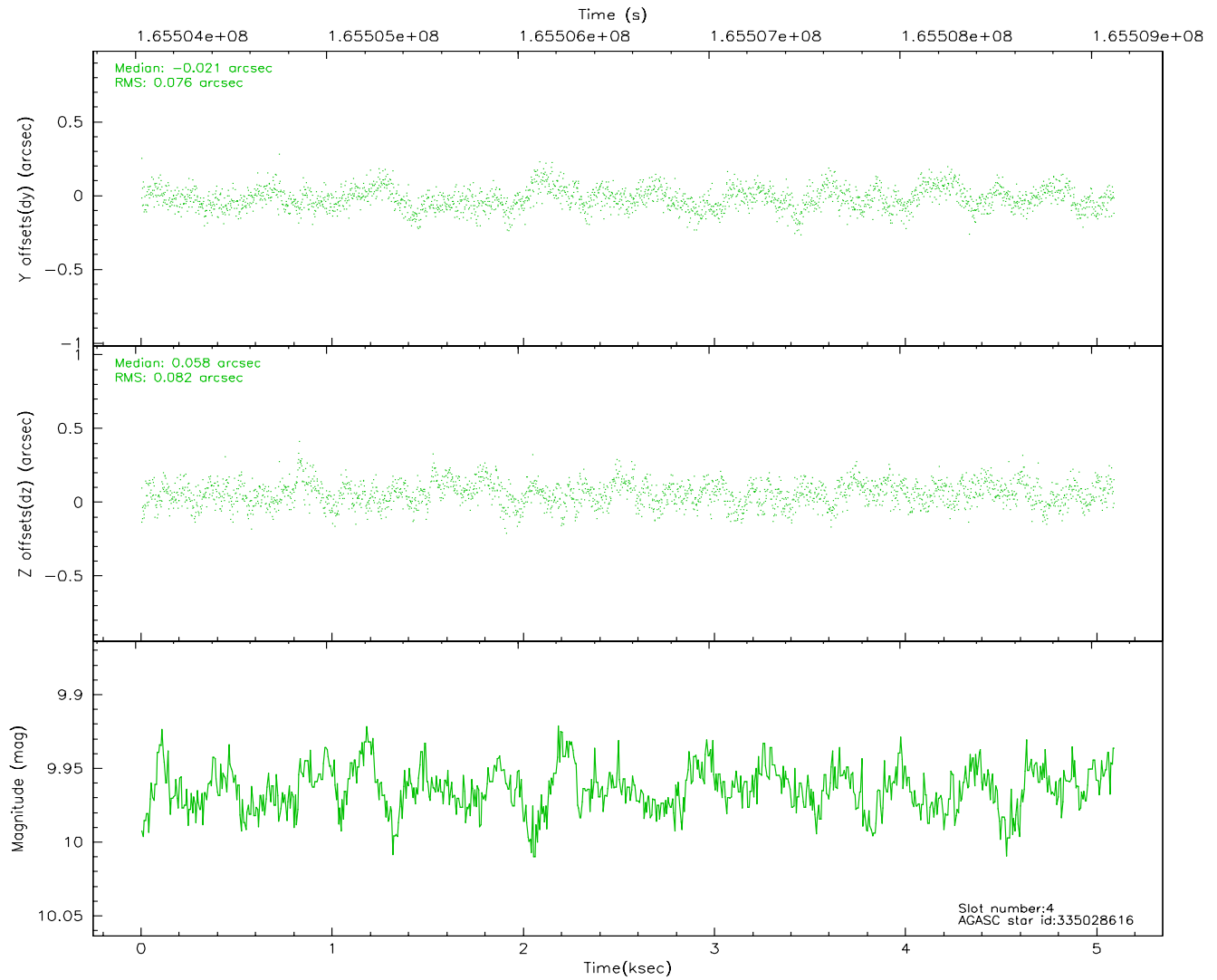
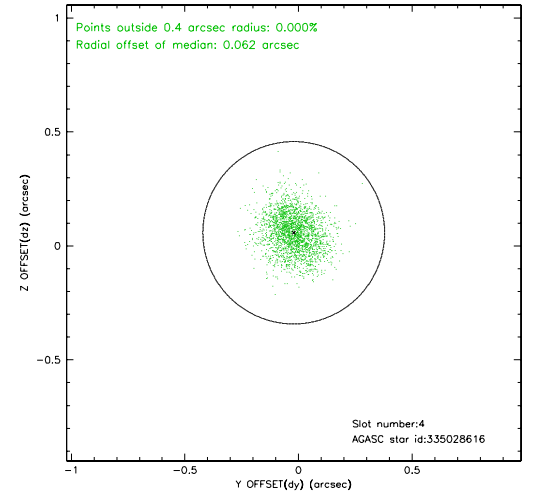
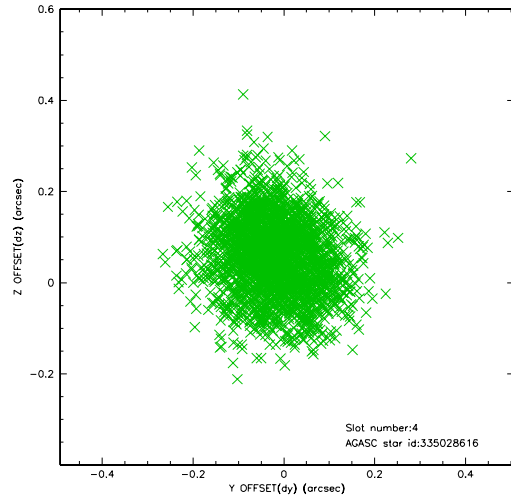


## 2.4 Star Slots

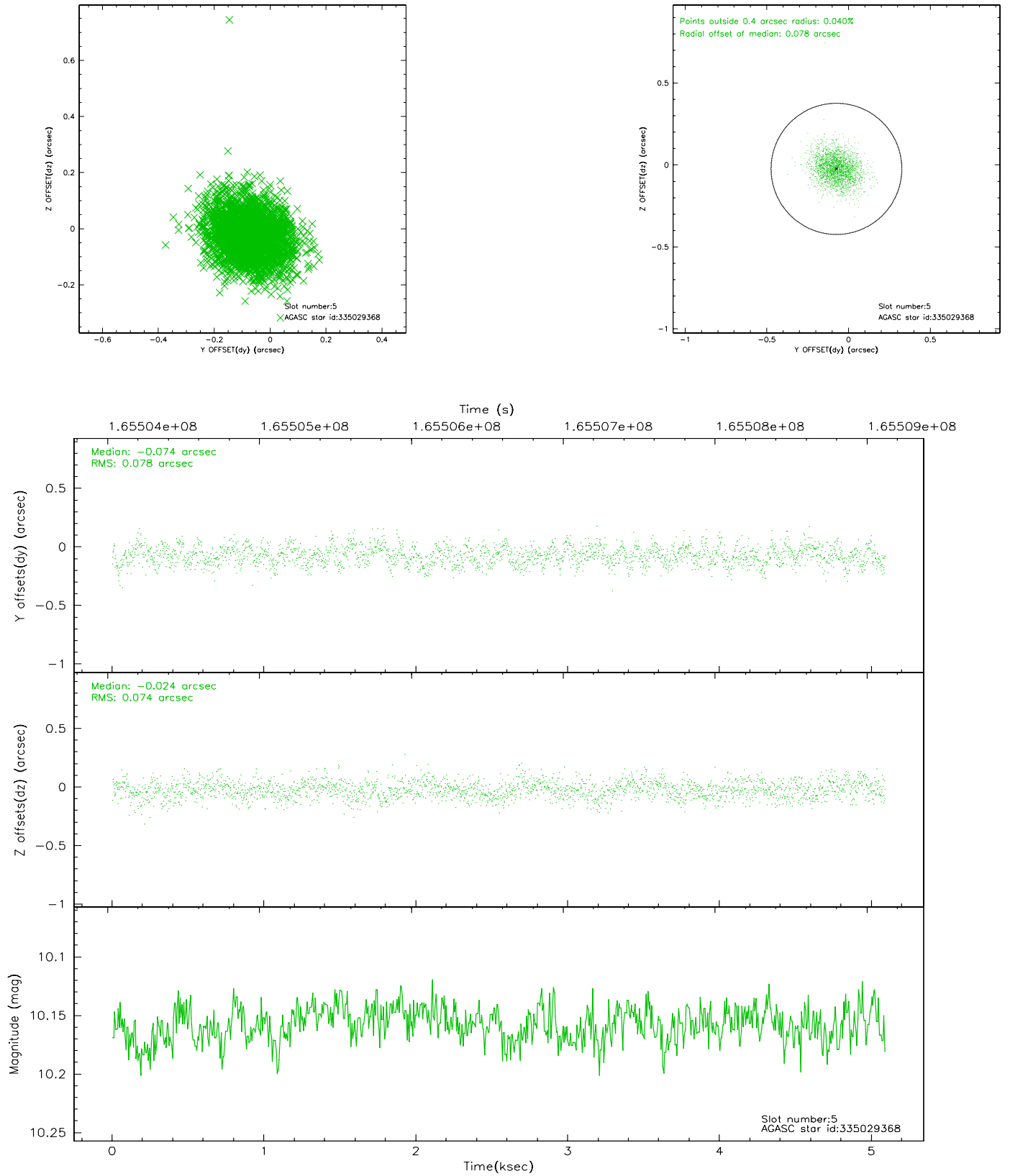
### 2.4.1 Slot 3



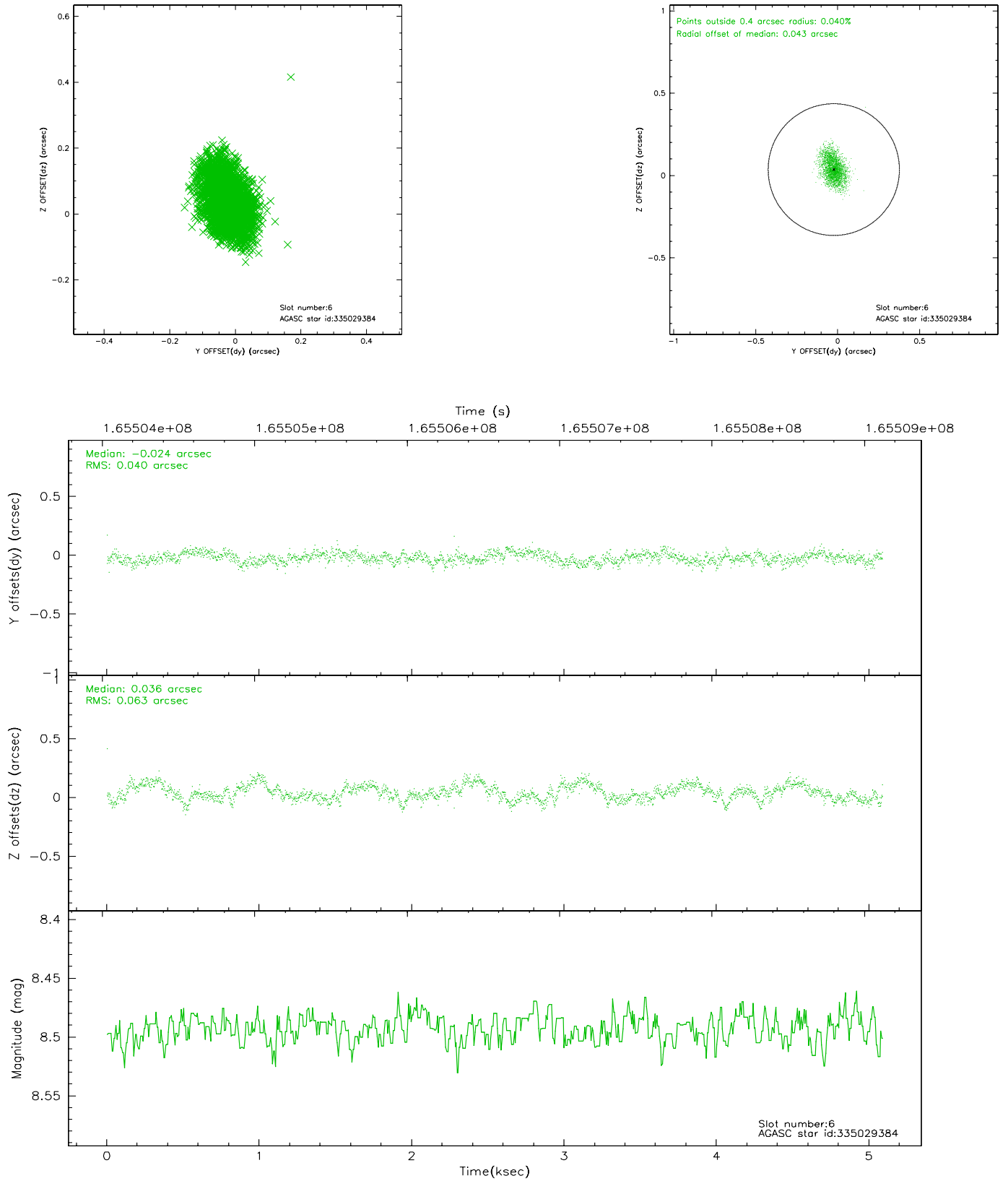
## 2.4.2 Slot 4



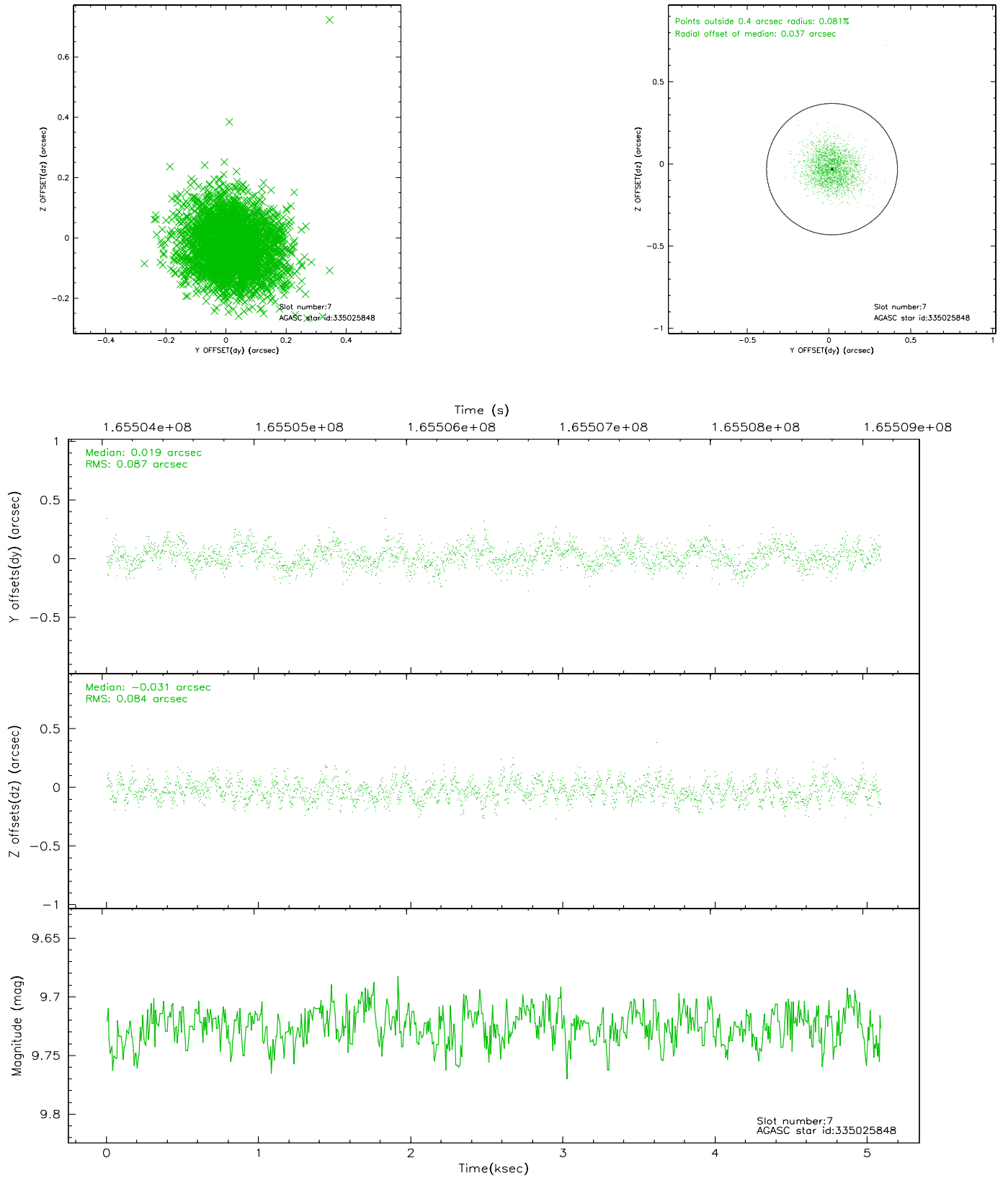
### 2.4.3 Slot 5



## 2.4.4 Slot 6

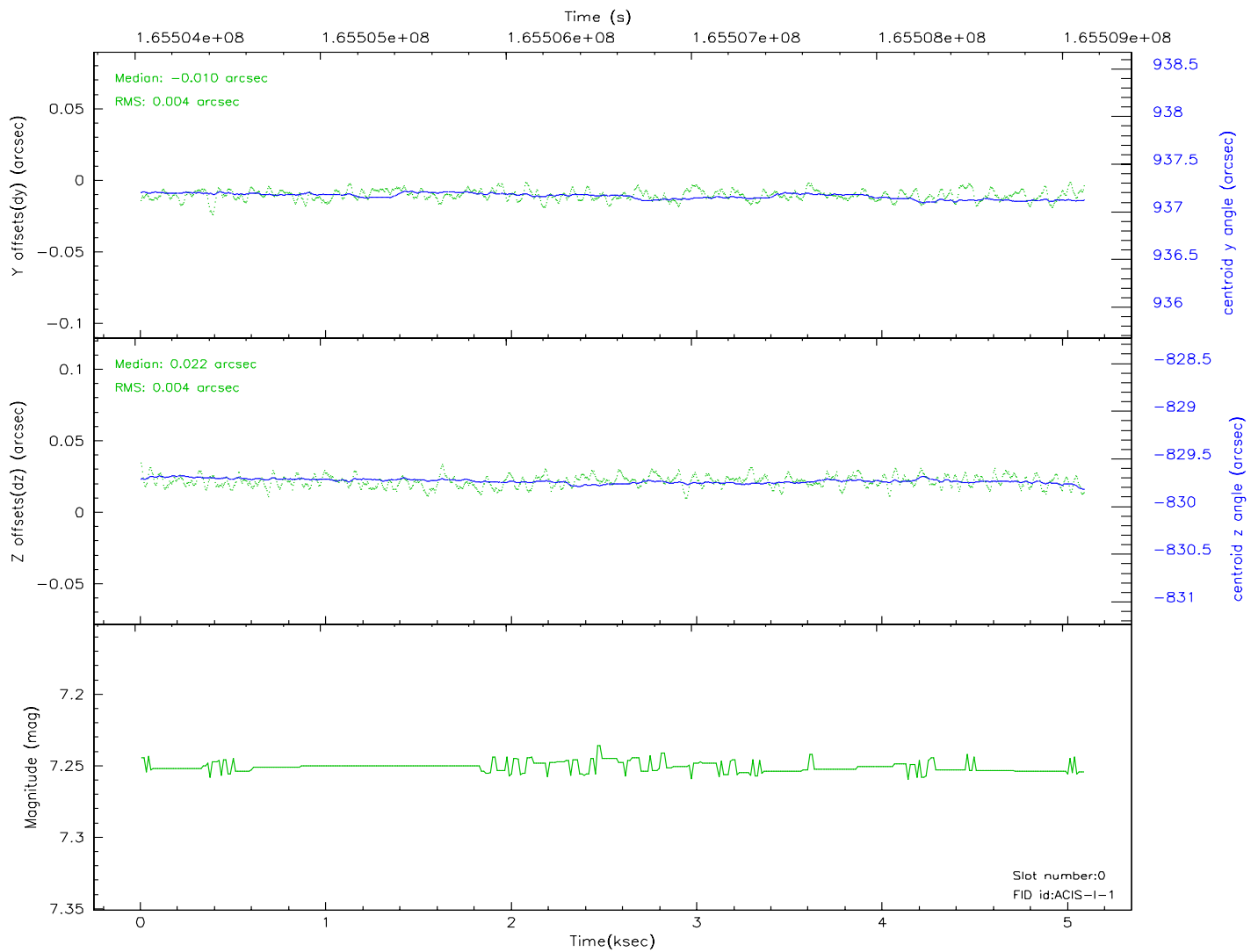
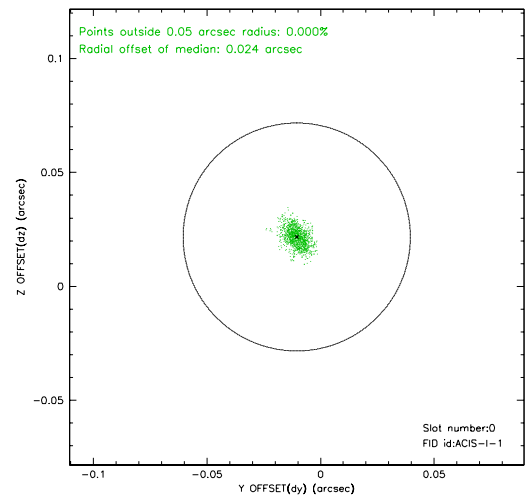
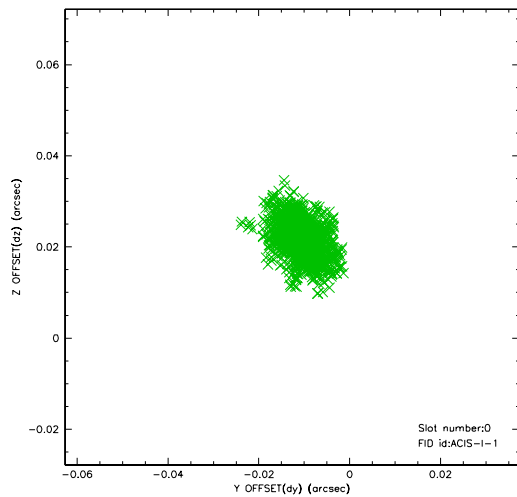


## 2.4.5 Slot 7

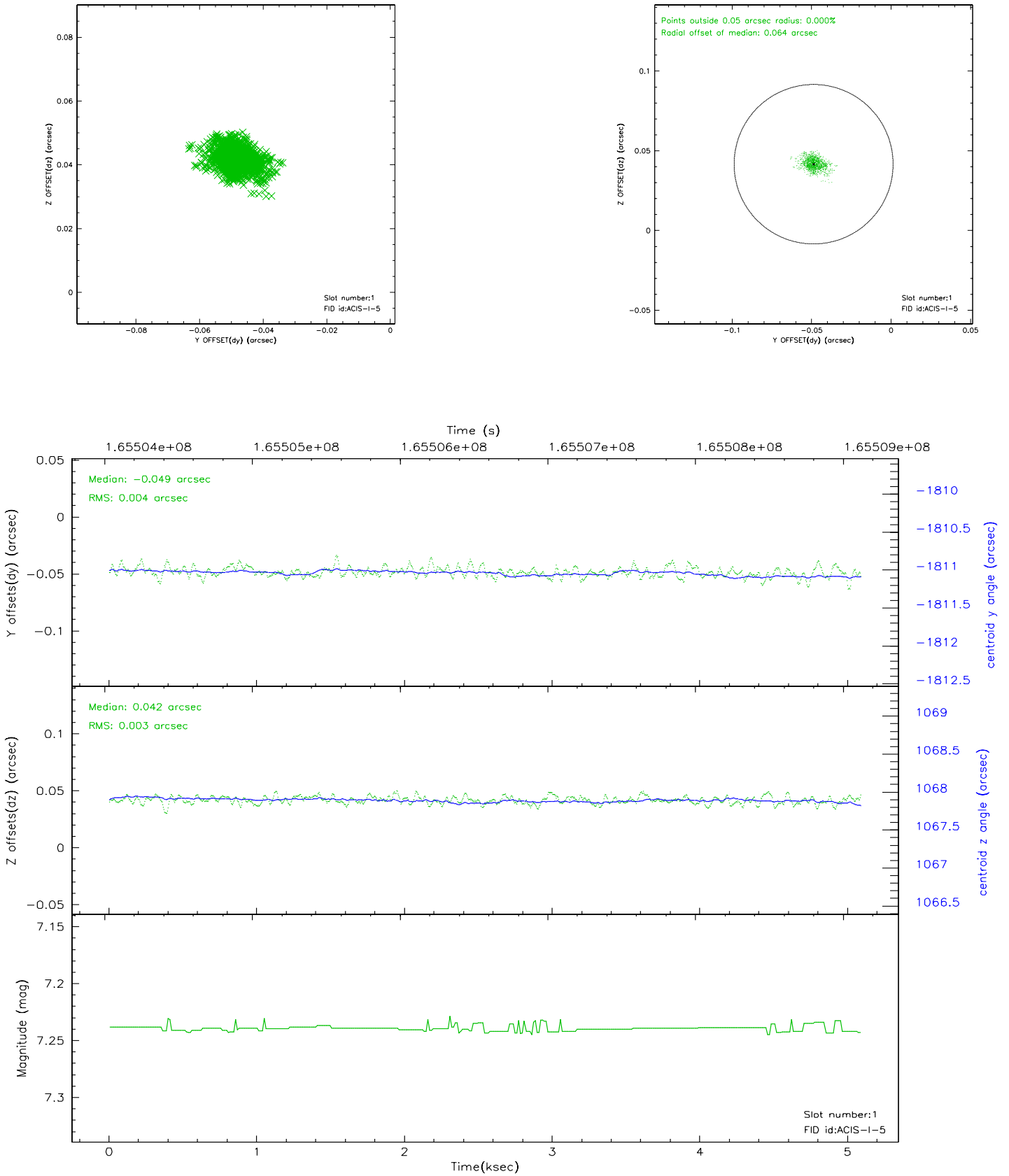


## 2.5 FID Slots

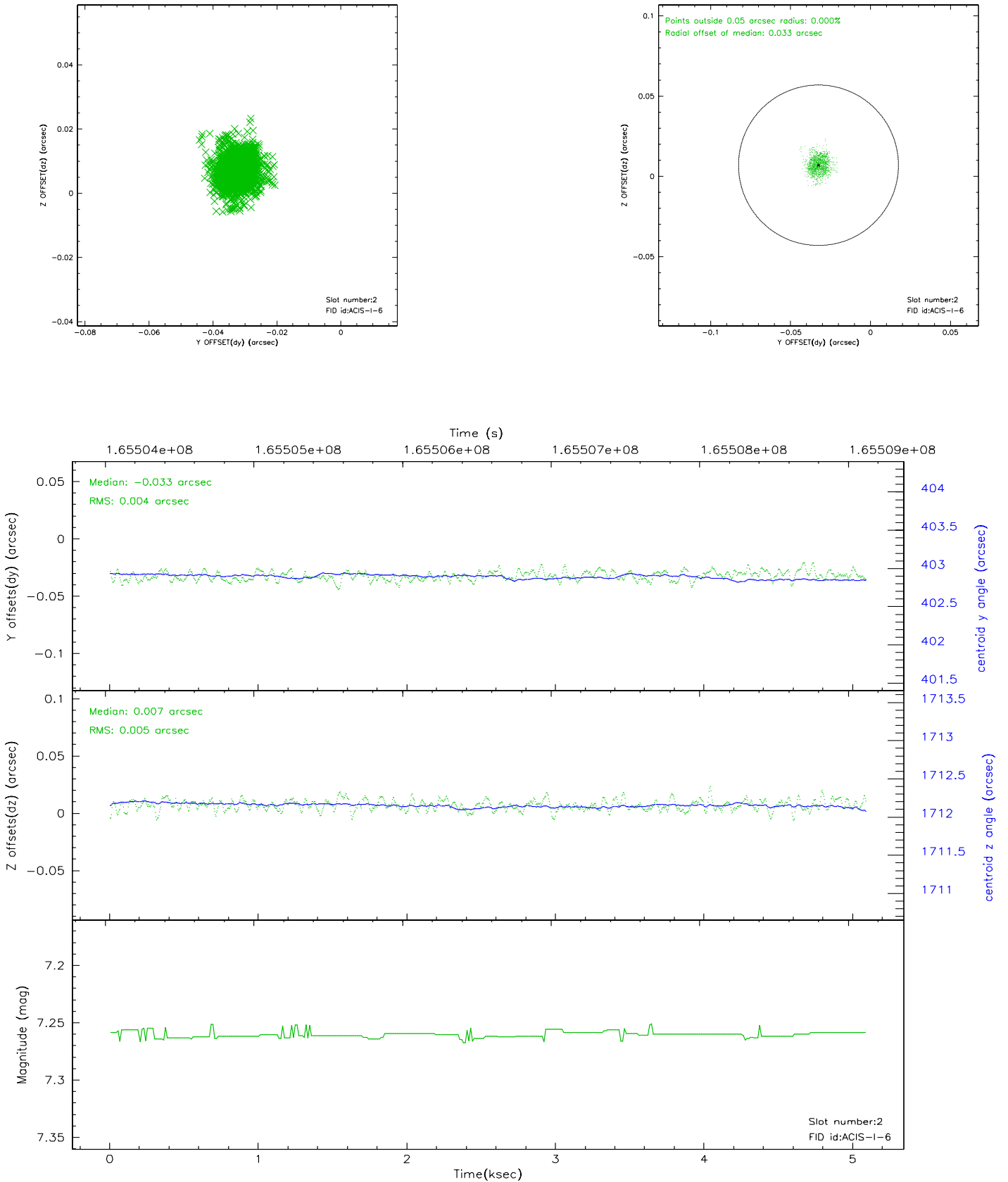
### 2.5.1 Slot 0



## 2.5.2 Slot 1

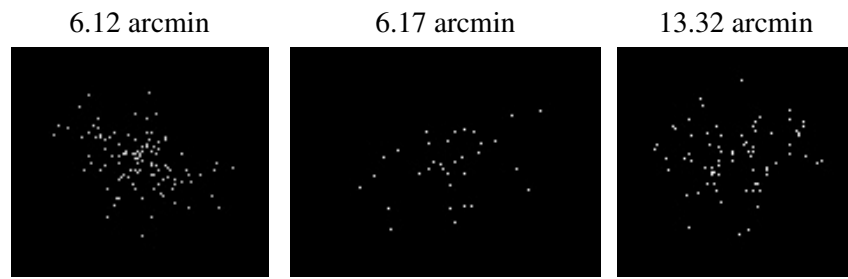


### 2.5.3 Slot 2





### 3 Point Sources



## A Summary

### A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.07.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.671

### A.2 Comments