

# V&V Reference Report

## L2 ASCDS Version : 7.6.9

Observation 3303 - L2 Version 001  
Chandra X-Ray Center

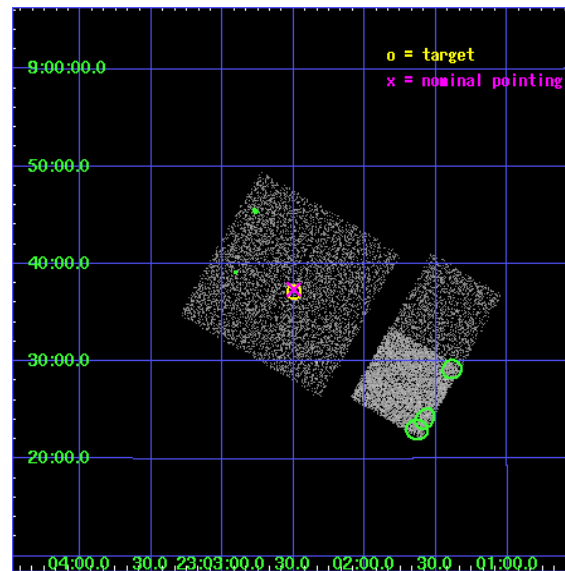
L2 Processing Date : Sep 22 2006

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# 1 Front

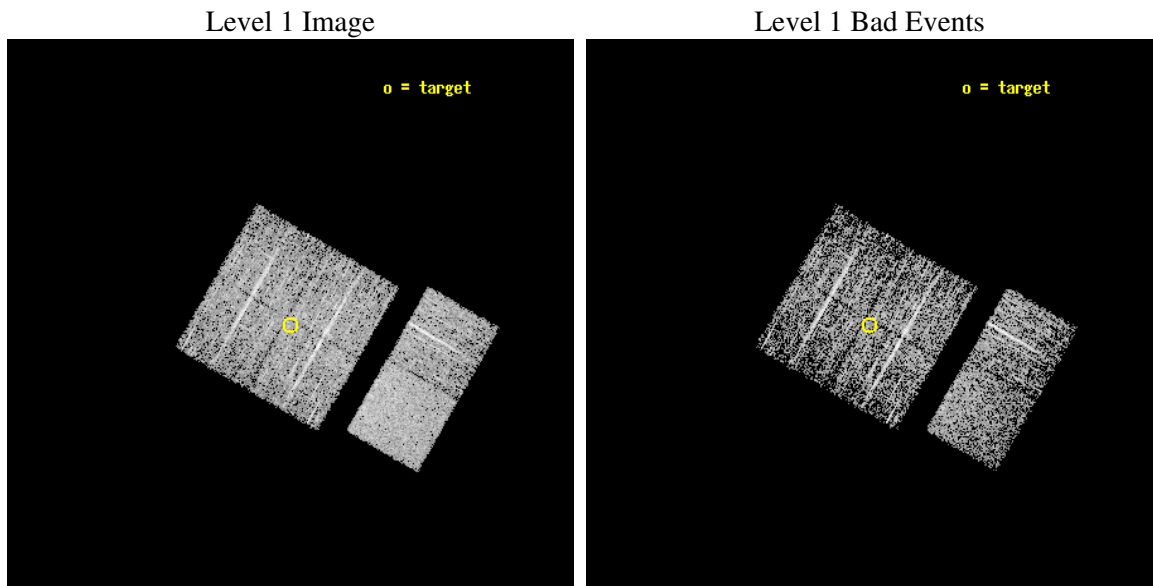
seq_num	900142
obs_id	3303
title	A CHEAP COMPLETE WIDE BRIGHT SURVEY
observer	DR. FABIO LA FRANCA
object	H230230
dtcycle	0
cycle	P
ra_targ	345.625417
dec_targ	8.618333
ra_nom	345.62468181019
dec_nom	8.623064751054
roll_nom	120.01745047863
revision	2
ontime	2463.9999908209
livetime	2432.7993392944
ontime0	2463.9999908209
ontime1	2463.9999908209
ontime2	2463.9999908209
ontime3	2463.9999908209
ontime6	2463.9999908209
ontime7	2463.9999908209
l2events	17437



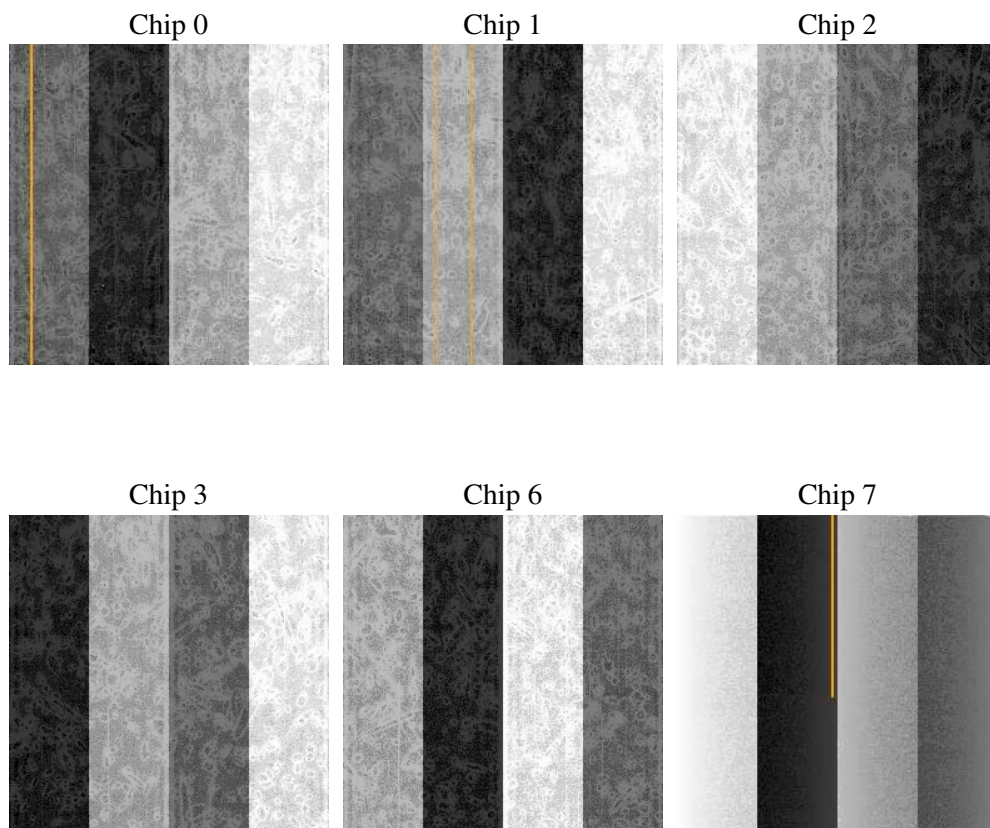
## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias



### 2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.3
date	2006-09-22T17:54:49
revision	2

sched_exp_time	2500.000000
ontime	2469.6451215446
ontime0	2469.6451215446
ontime1	2469.6451215446
ontime2	2469.6451215446
ontime3	2469.6451215446
ontime6	2469.6451215446
ontime7	2469.6451215446
l1events	103630

### 2.1.4 Events

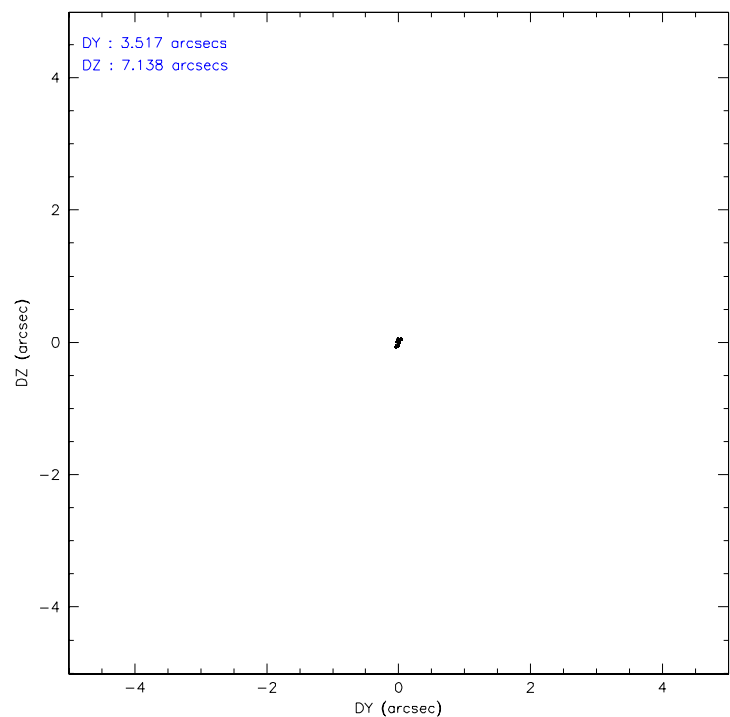
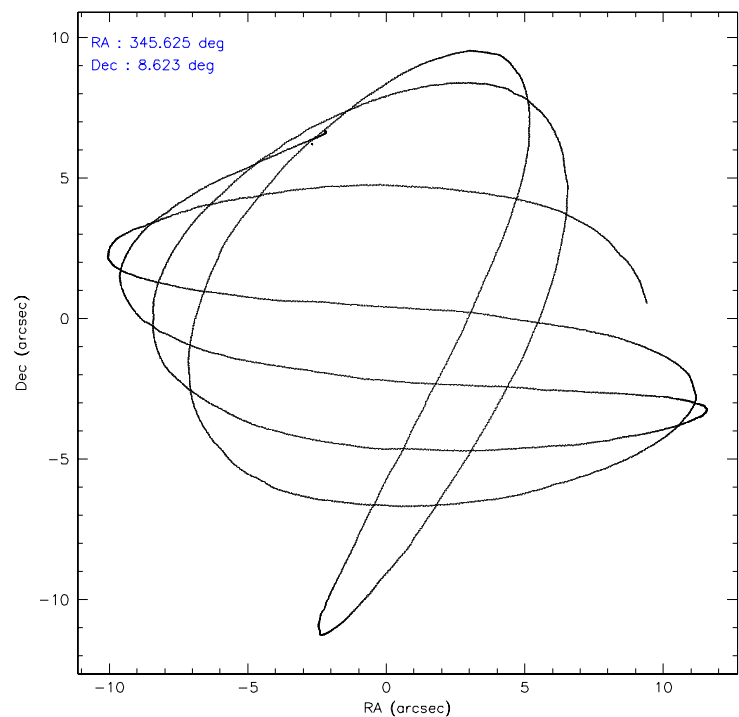
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	15641	15006	17237	16719	17402	21625
rejected events	13376	12687	15112	14605	15312	13362
rejected %	85%	84%	87%	87%	87%	61%

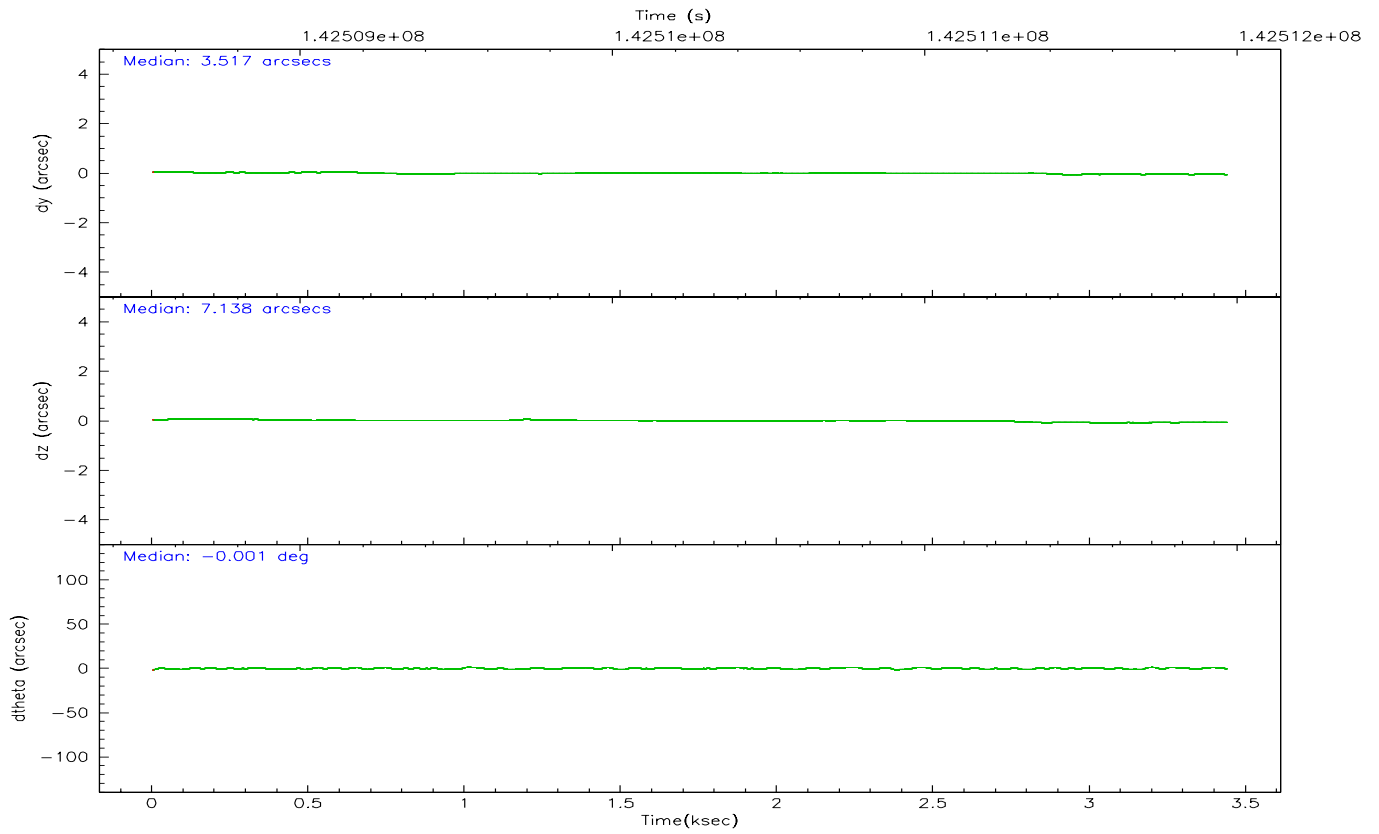
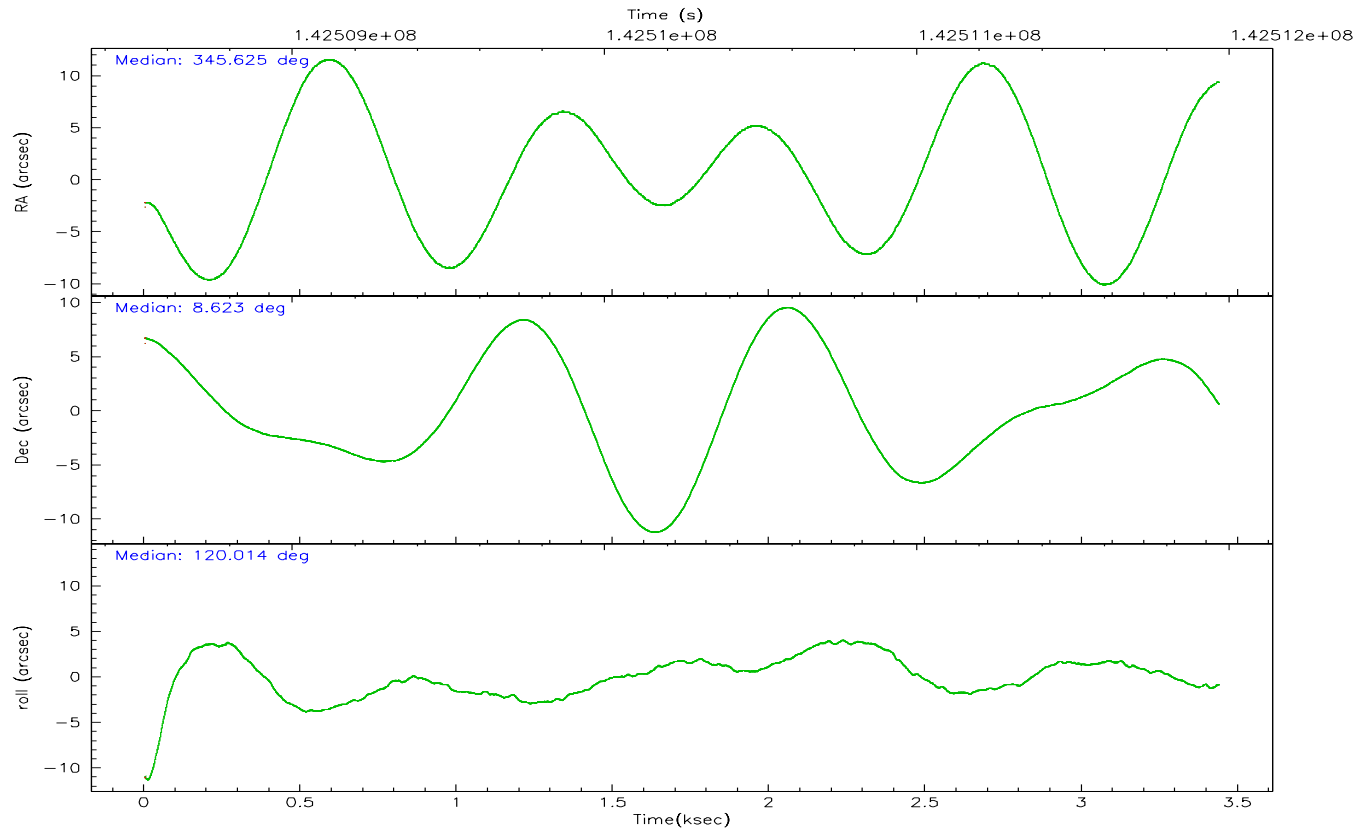
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	962	1008	949	867	829	429
	6%	6%	5%	5%	4%	1%
grade 1 events	6	7	9	10	6	9
	0%	0%	0%	0%	0%	0%
grade 2 events	523	528	479	464	496	2041
	3%	3%	2%	2%	2%	9%
grade 3 events	178	191	183	178	172	465
	1%	1%	1%	1%	0%	2%
grade 4 events	191	183	168	189	171	406
	1%	1%	0%	1%	0%	1%
grade 5 events	588	590	561	652	719	1412
	3%	3%	3%	3%	4%	6%
grade 6 events	413	411	349	419	429	4948
	2%	2%	2%	2%	2%	22%
grade 7 events	12780	12088	14539	13940	14580	11915
	81%	80%	84%	83%	83%	55%

## 2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-012367	ACIS-012367	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	345.648889	345.6246818101922	Subarray requested	NONE	NONE
Pointing Dec	8.609350	8.623064751054022	Alternating exposures requested	N	N
Pointing Roll	119.805147	120.0174504786307	Primary exposure time	0.000000	3.2
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	142509471.184000	142508140.34769			
Observation start date	2002-07-08T09:56:47	2002-07-08T09:35:40			
Observation end time	142511971.184000	142512338.74787			
Observation end date	2002-07-08T10:38:27	2002-07-08T10:45:38			
Read mode	TIMED	TIMED			

## 2.3 Aspect





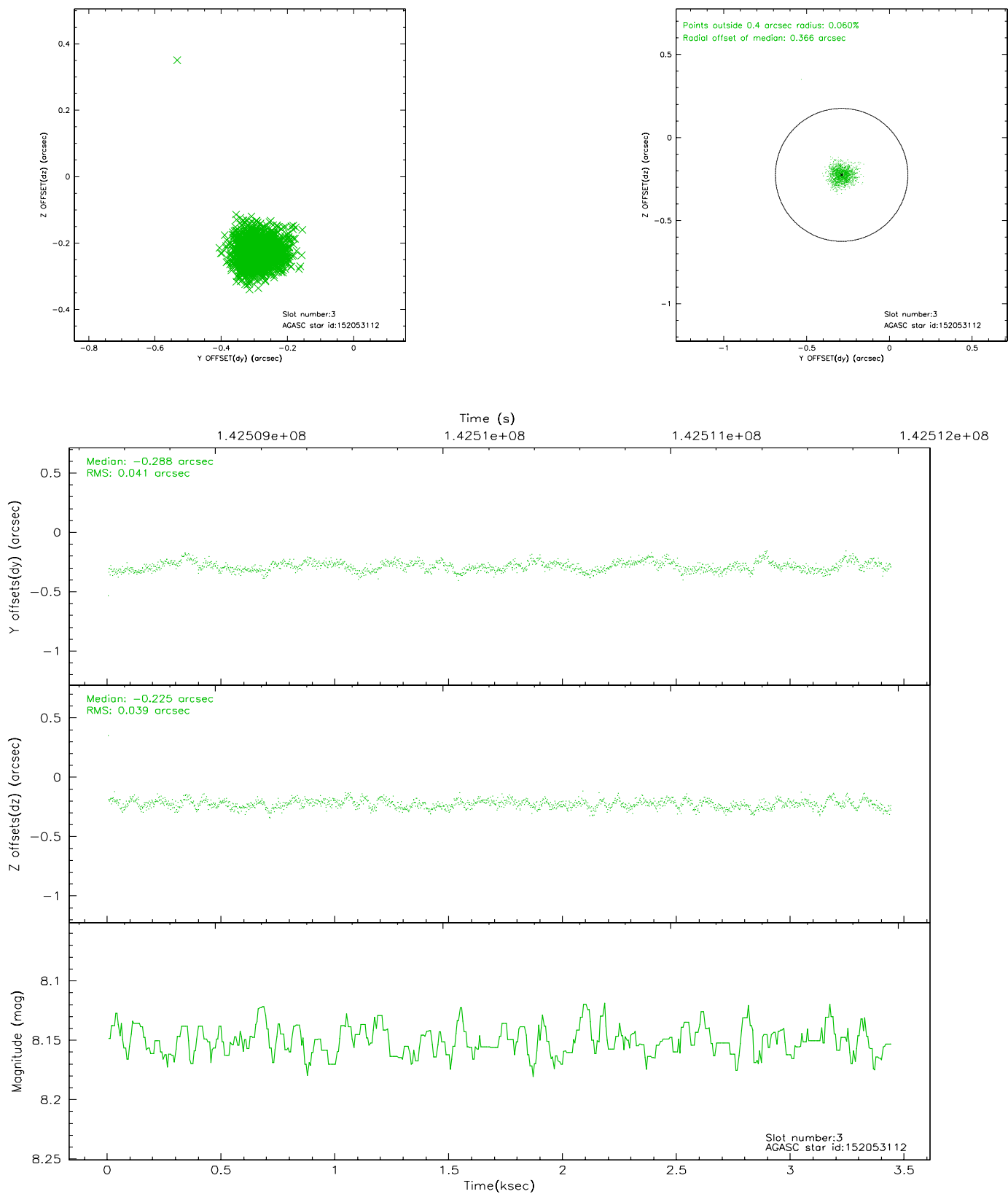
### Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	839	-0.041	-0.033	0.007	0.011	0.000000	0.000000	936.21	-830.58
1	FID	ACIS-I-3	7.45	839	0.015	0.190	0.007	0.012	0.000000	0.000000	54.79	-964.56
2	FID	ACIS-I-6	7.26	839	-0.063	-0.091	0.006	0.012	0.000000	0.000000	402.01	1710.12
3	GUIDE	152053112	8.15	1678	-0.288	-0.225	0.057	0.094	345.154715	8.750450	1314.17	1272.39
4	GUIDE	152047032	8.37	1677	0.133	0.142	0.056	0.090	346.097703	8.190159	-2103.85	-637.49
5	GUIDE	152054384	8.46	1678	0.124	-0.294	0.073	0.116	345.304255	7.996626	-1305.45	2161.28
6	GUIDE	152047512	9.24	1678	-0.124	0.188	0.092	0.149	345.446790	9.155873	2062.28	-353.36
7	GUIDE	152051744	9.31	1677	0.154	0.195	0.083	0.137	346.125530	8.193913	-2140.86	-731.16

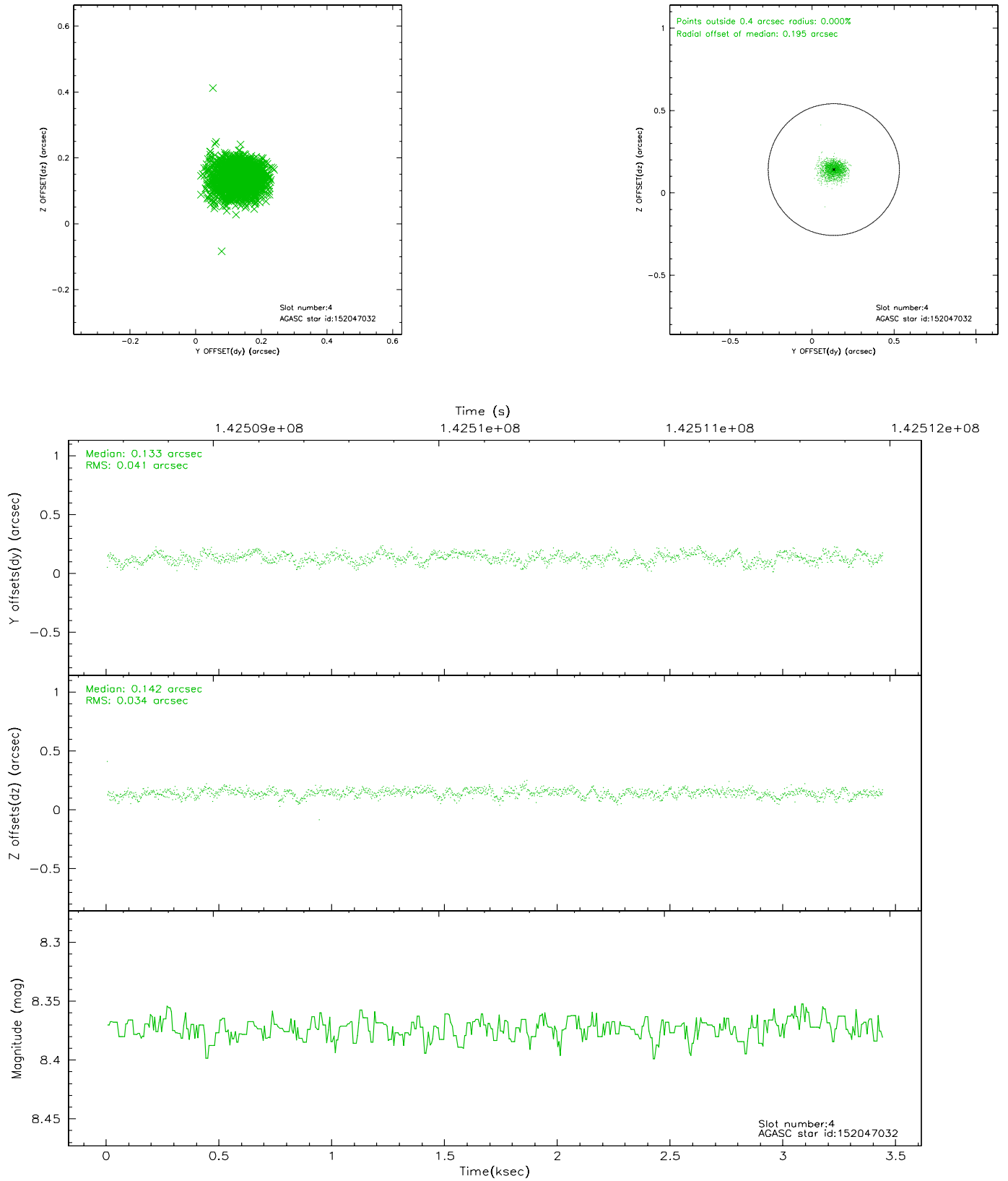


## 2.4 Star Slots

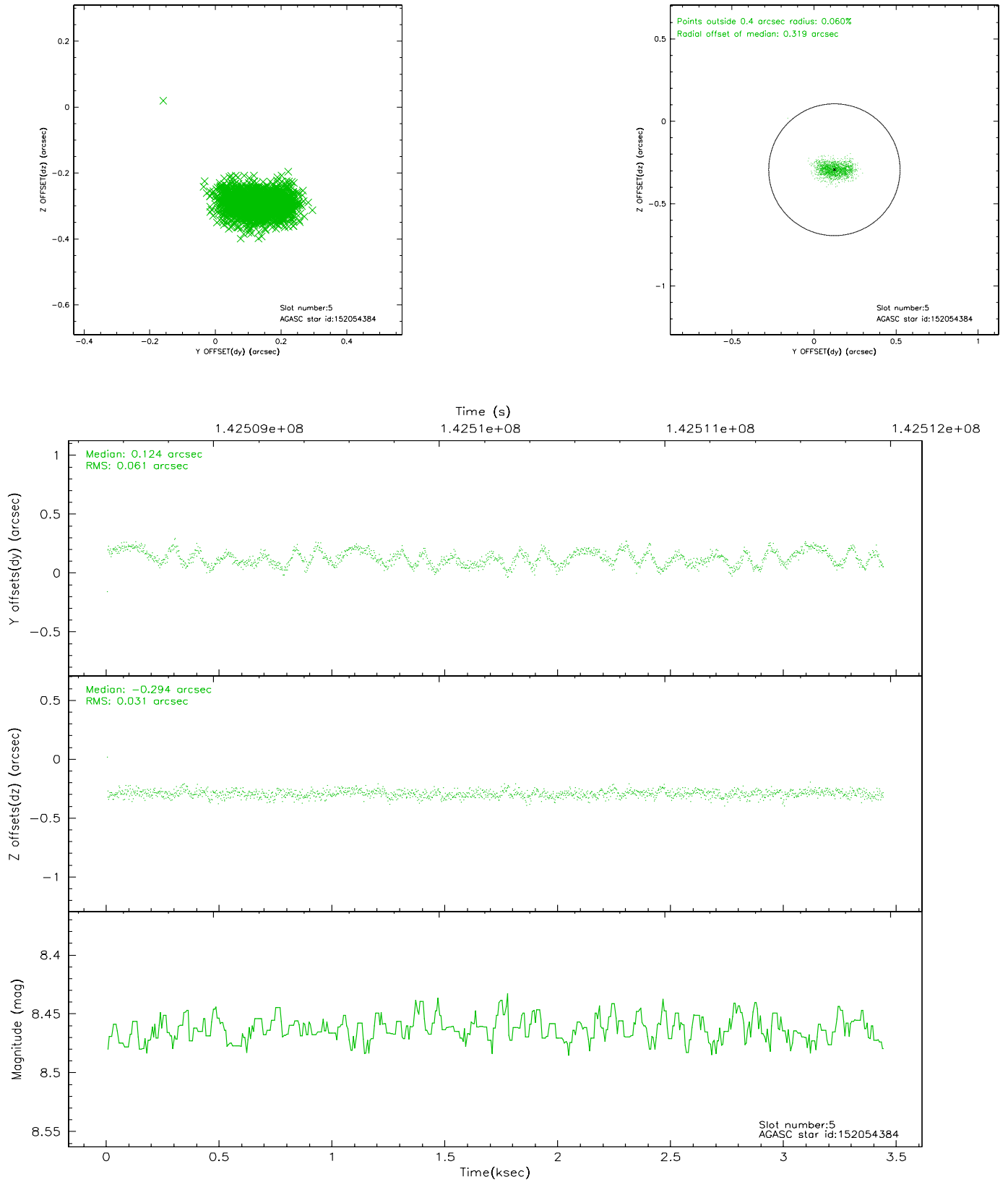
### 2.4.1 Slot 3



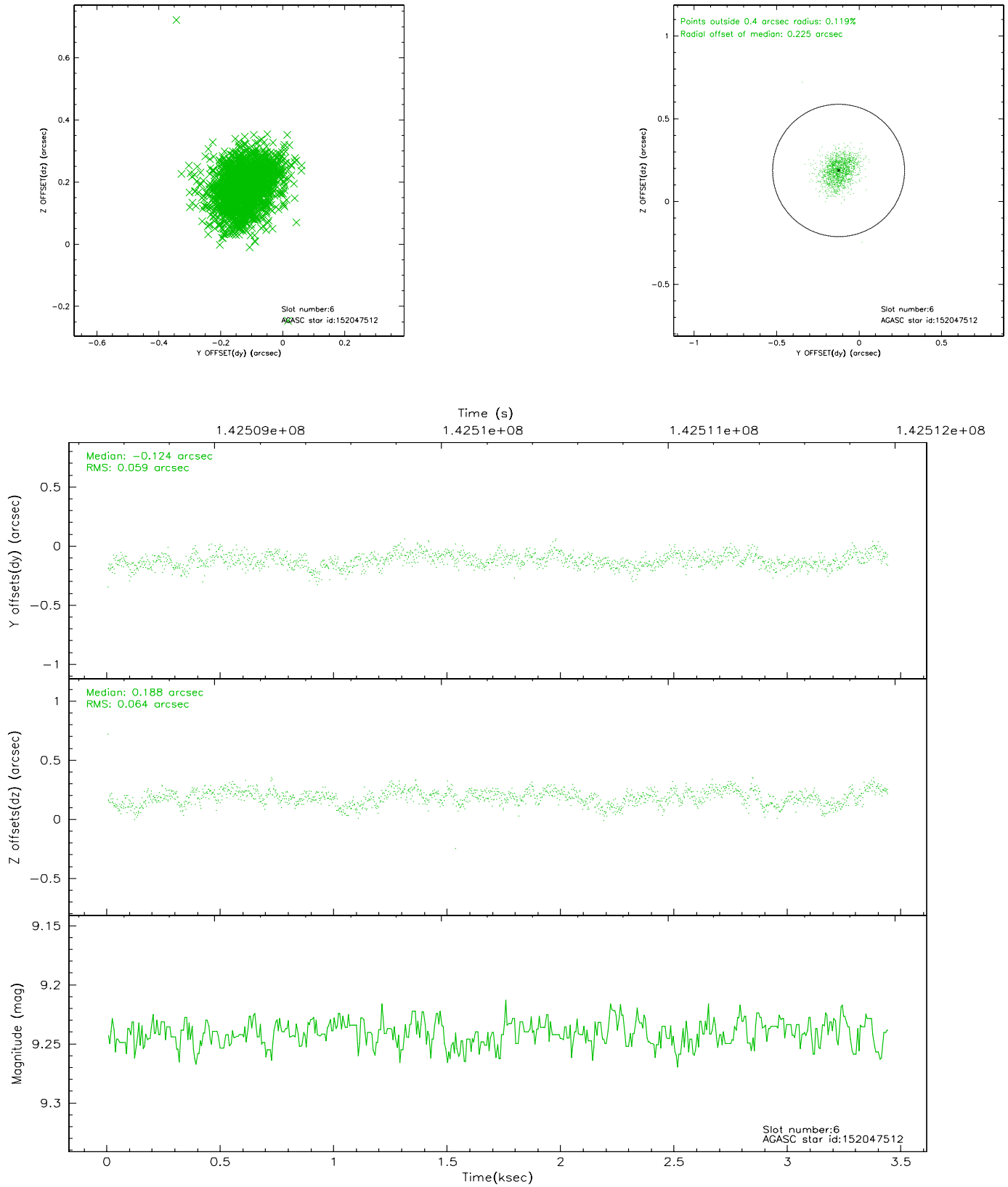
## 2.4.2 Slot 4



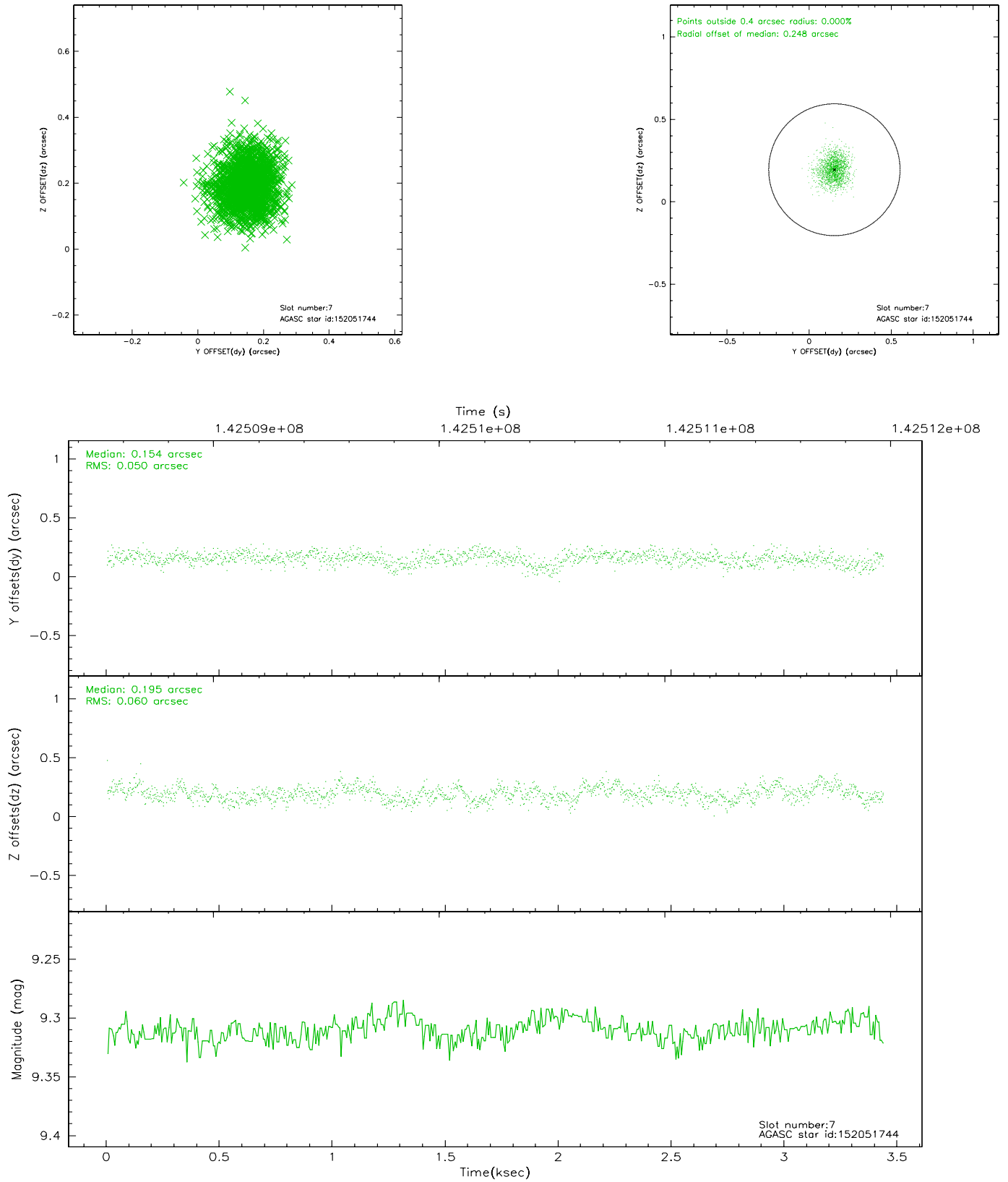
### 2.4.3 Slot 5



## 2.4.4 Slot 6

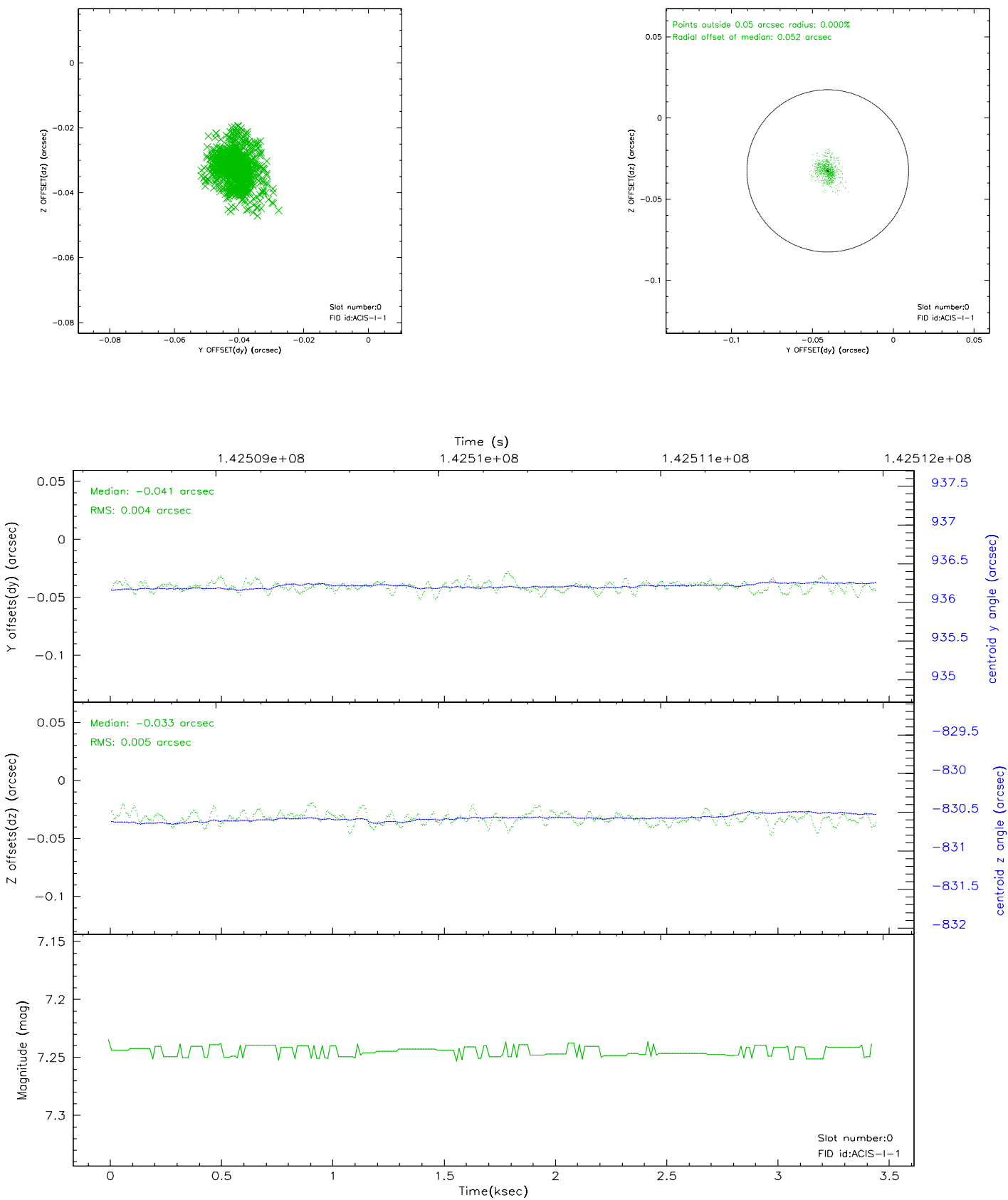


## 2.4.5 Slot 7

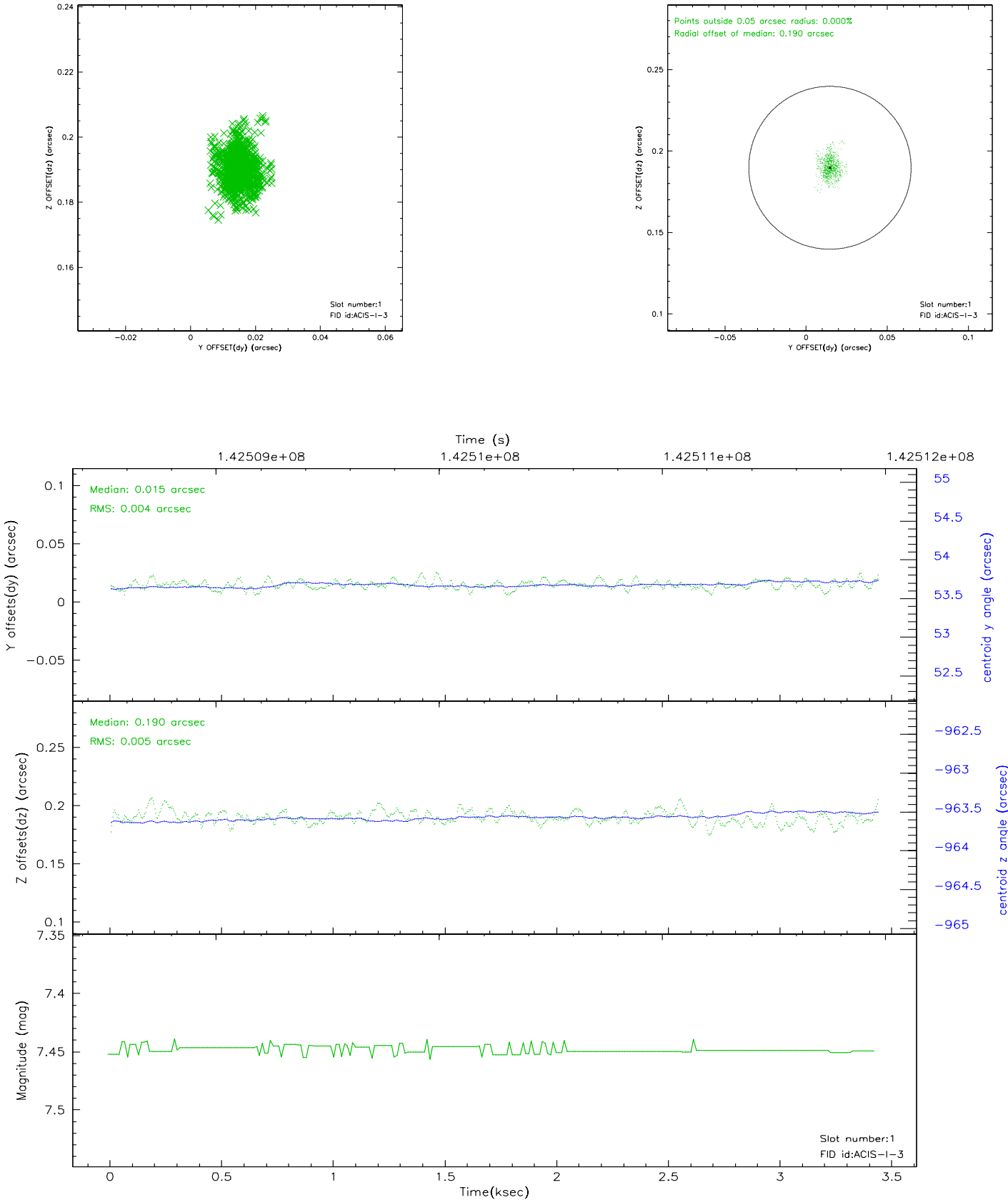


## 2.5 FID Slots

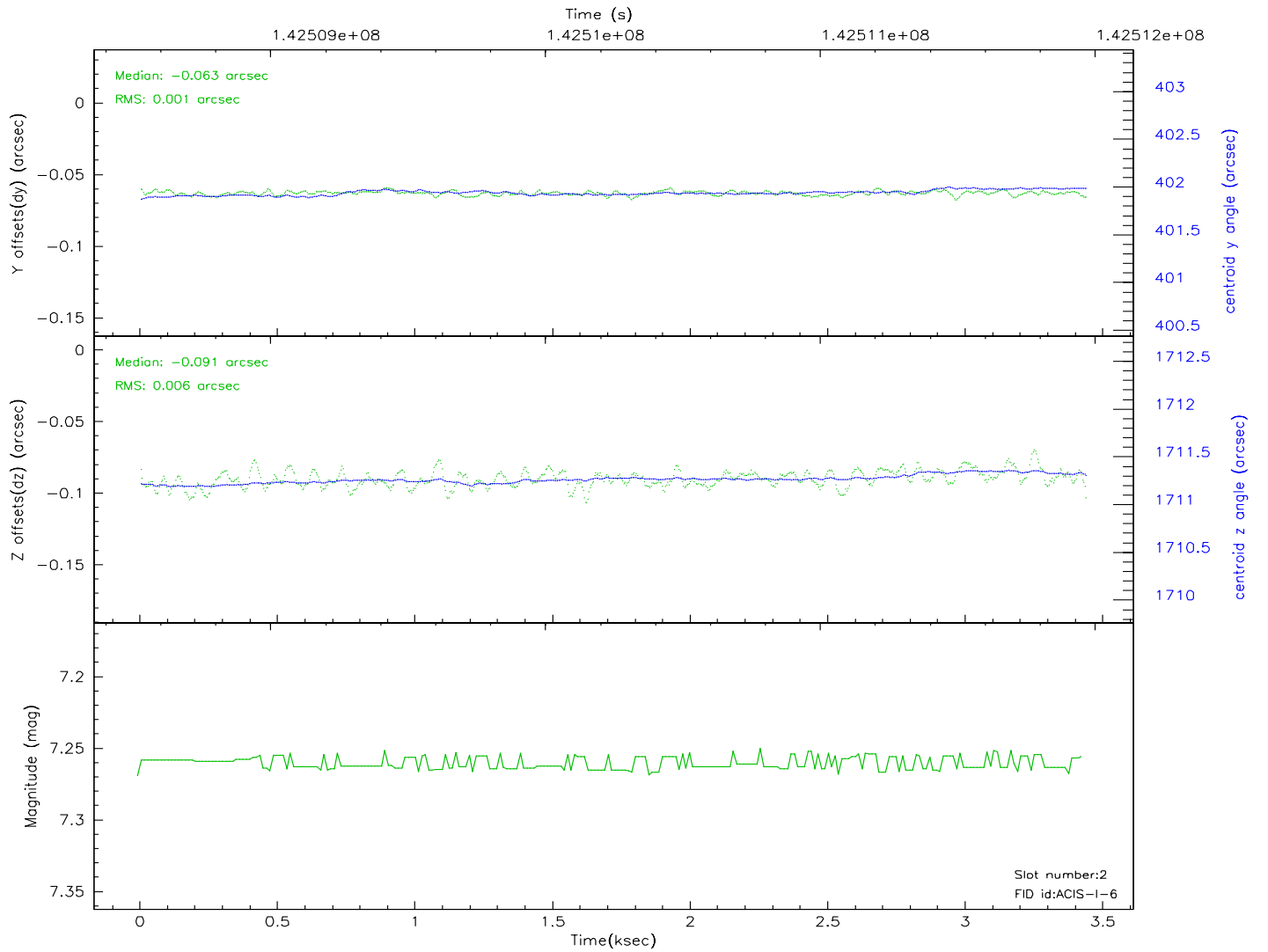
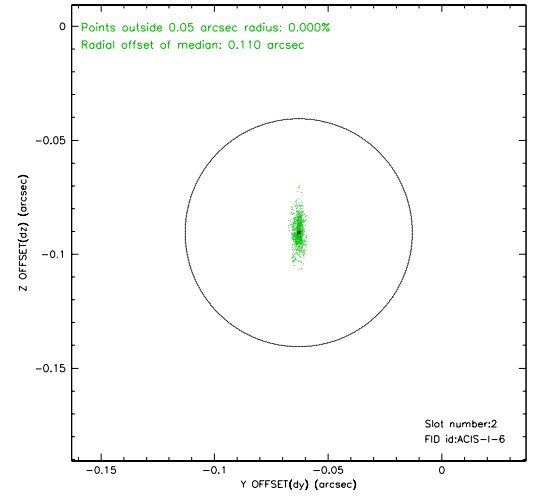
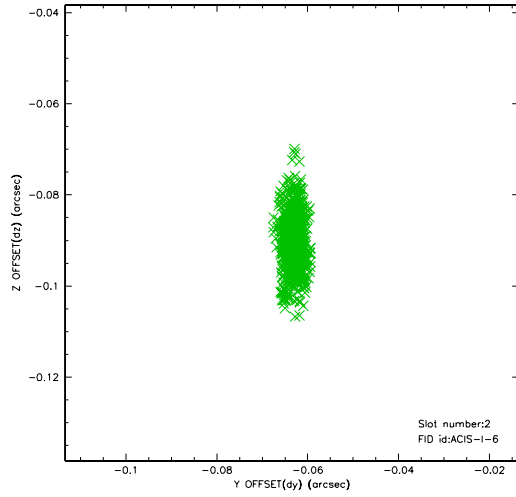
### 2.5.1 Slot 0



2.5.2 Slot 1

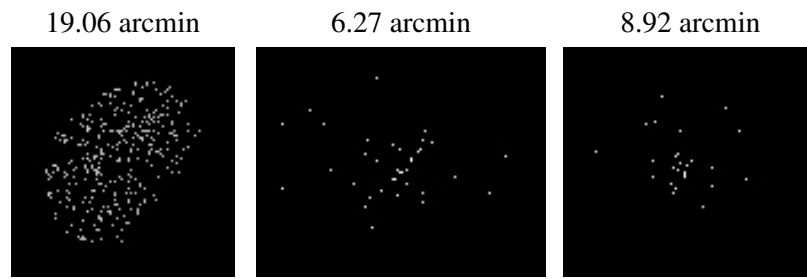


### 2.5.3 Slot 2





### 3 Point Sources



## A Summary

### A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.09.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.463

### A.2 Comments