

# V&V Reference Report

## L2 ASCDS Version : 7.6.8.1

Observation 3296 - L2 Version 001  
Chandra X-Ray Center

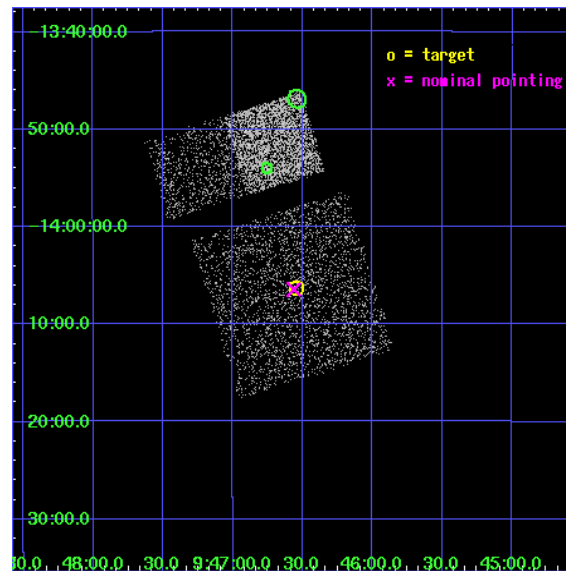
L2 Processing Date : Sep 2 2006

## Contents

<b>1</b>	<b>Front</b>	<b>2</b>
<b>2</b>	<b>OBI</b>	<b>3</b>
2.1	OBI . . . . .	3
2.1.1	Images . . . . .	3
2.1.2	Bias . . . . .	3
2.1.3	Parameters . . . . .	4
2.1.4	Events . . . . .	4
2.2	Compared Parameters . . . . .	5
2.3	Aspect . . . . .	6
2.4	Star Slots . . . . .	9
2.4.1	Slot 3 . . . . .	9
2.4.2	Slot 4 . . . . .	10
2.4.3	Slot 5 . . . . .	11
2.4.4	Slot 6 . . . . .	12
2.4.5	Slot 7 . . . . .	13
2.5	FID Slots . . . . .	14
2.5.1	Slot 0 . . . . .	14
2.5.2	Slot 1 . . . . .	15
2.5.3	Slot 2 . . . . .	16
<b>3</b>	<b>Point Sources</b>	<b>17</b>
<b>A</b>	<b>Summary</b>	<b>18</b>
A.1	Status . . . . .	18
A.2	Comments . . . . .	18

# 1 Front

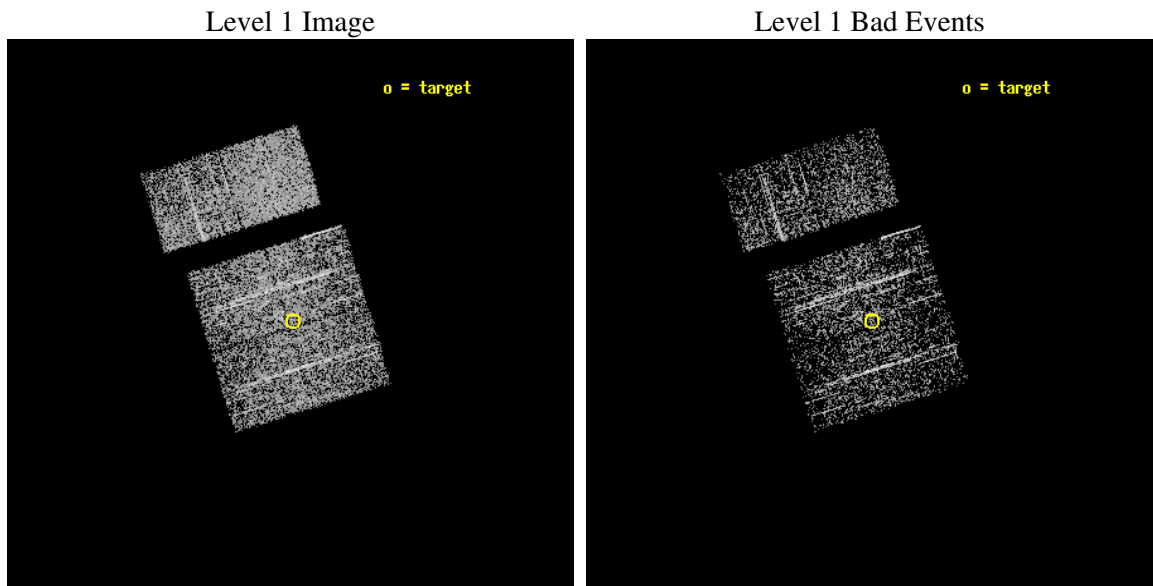
seq_num	900135
obs_id	3296
title	A CHEAP COMPLETE WIDE BRIGHT SURVEY
observer	DR. FABIO LA FRANCA
object	H094633
dtcycle	0
cycle	P
ra_targ	146.636667
dec_targ	-14.104278
ra_nom	146.64055842896
dec_nom	-14.107443781162
roll_nom	342.76509995313
revision	2
ontime	1139.200001061
livetime	1124.7747647036
ontime0	1139.200001061
ontime1	1139.200001061
ontime2	1139.200001061
ontime3	1139.200001061
ontime6	1139.200001061
ontime7	1139.200001061
l2events	7943



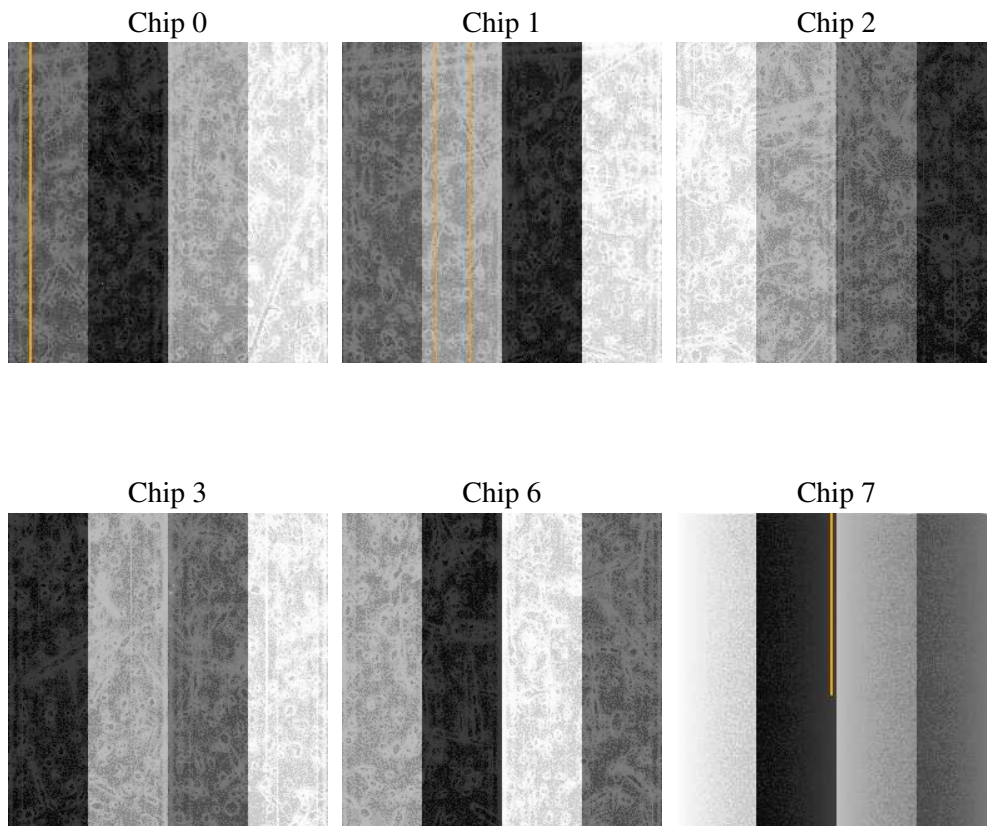
## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias



### 2.1.3 Parameters

obi_num	0
ascdsver	7.6.8.1
caldsver	3.2.3
date	2006-09-02T14:05:25
revision	2

sched_exp_time	1400.000000
ontime	1144.0747361183
ontime0	1144.0747560561
ontime1	1144.0747361183
ontime2	1144.0747361183
ontime3	1144.0747361183
ontime6	1144.0747560561
ontime7	1144.0747560561
llevents	47728

### 2.1.4 Events

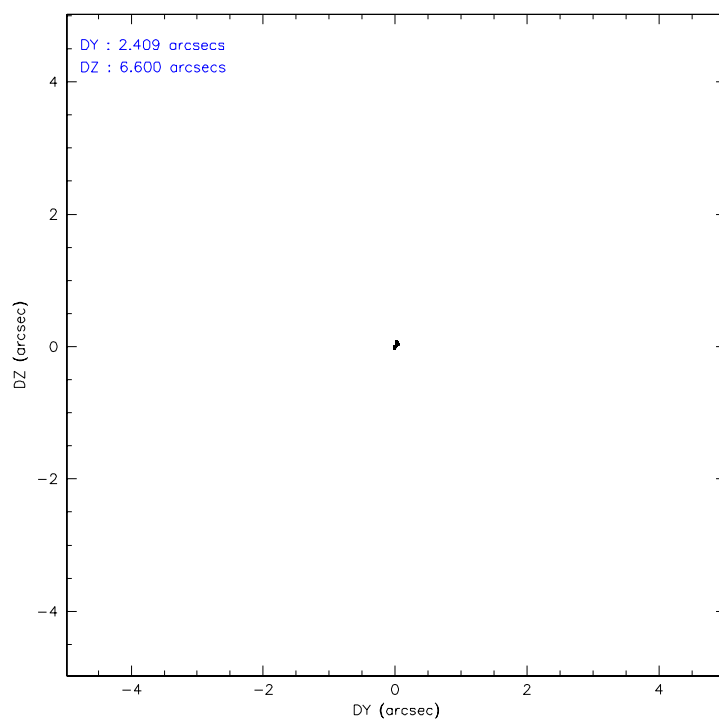
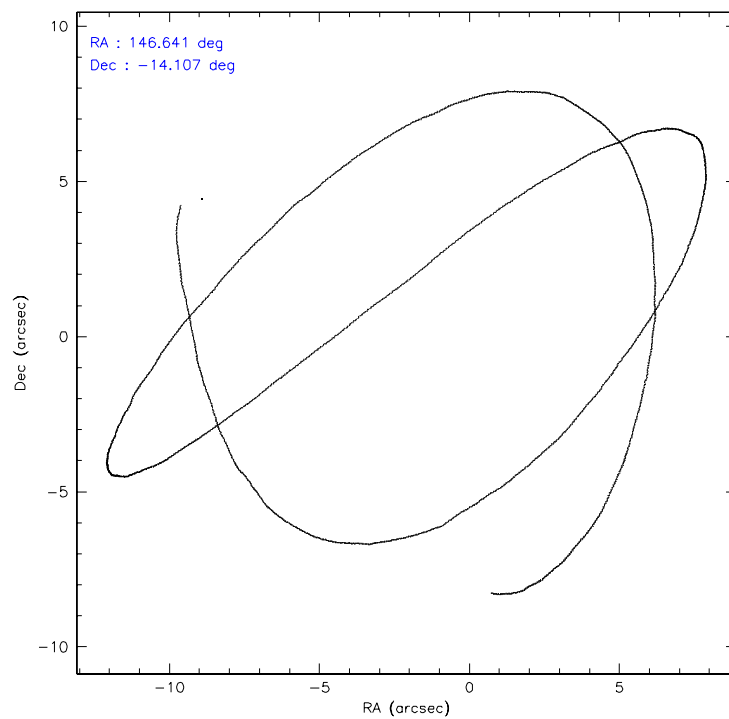
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	6850	6734	8222	8141	7603	10178
rejected events	5902	5734	7263	7195	6664	6194
rejected %	86%	85%	88%	88%	87%	60%

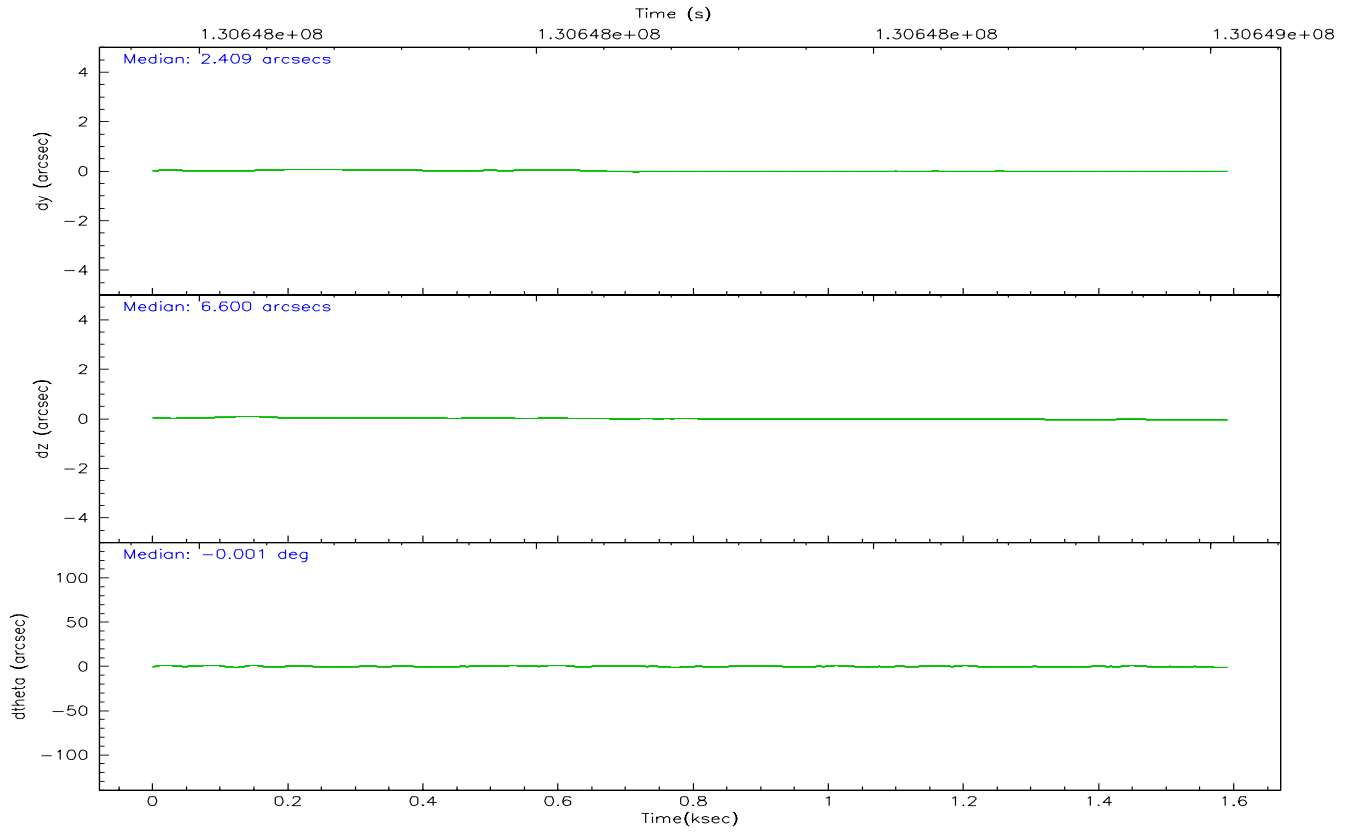
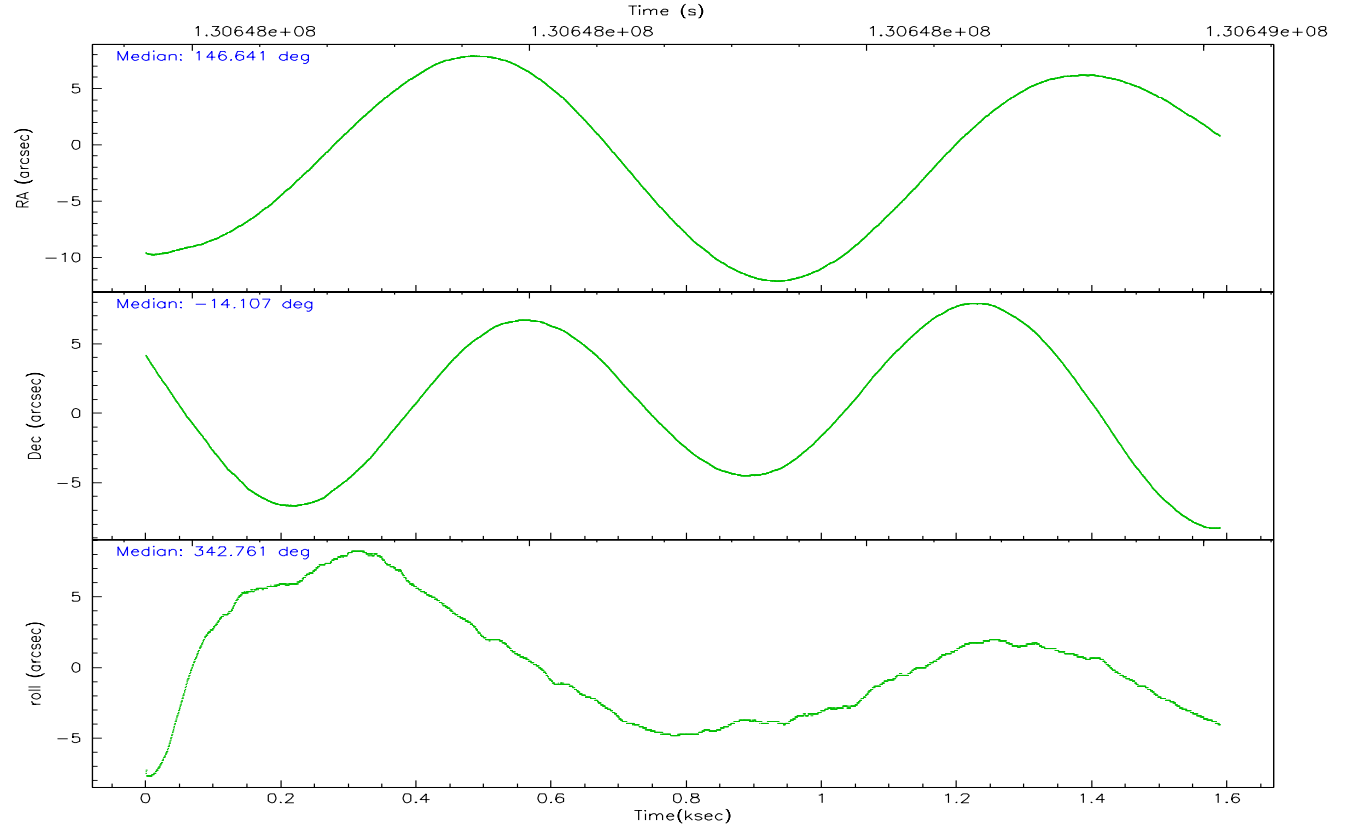
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	405	387	406	371	387	236
	5%	5%	4%	4%	5%	2%
grade 1 events	3	3	4	1	2	8
	0%	0%	0%	0%	0%	0%
grade 2 events	207	237	218	208	200	1019
	3%	3%	2%	2%	2%	10%
grade 3 events	82	95	83	96	96	185
	1%	1%	1%	1%	1%	1%
grade 4 events	85	99	96	86	80	188
	1%	1%	1%	1%	1%	1%
grade 5 events	251	304	251	331	343	670
	3%	4%	3%	4%	4%	6%
grade 6 events	174	185	165	191	183	2377
	2%	2%	2%	2%	2%	23%
grade 7 events	5643	5424	6999	6857	6312	5495
	82%	80%	85%	84%	83%	53%

## 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	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	146.612802	146.6405584289586	Alternating exposures requested	N	N
Pointing Dec	-14.113428	-14.10744378116209	Primary exposure time	0.000000	3.2
Pointing Roll	342.549604	342.7650999531317			
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	130647623.184000	130647247.81476			
Observation start date	2002-02-21T02:59:19	2002-02-21T02:54:07			
Observation end time	130649023.184000	130649603.26486			
Observation end date	2002-02-21T03:22:39	2002-02-21T03:33:23			
Read mode	TIMED	TIMED			

## 2.3 Aspect





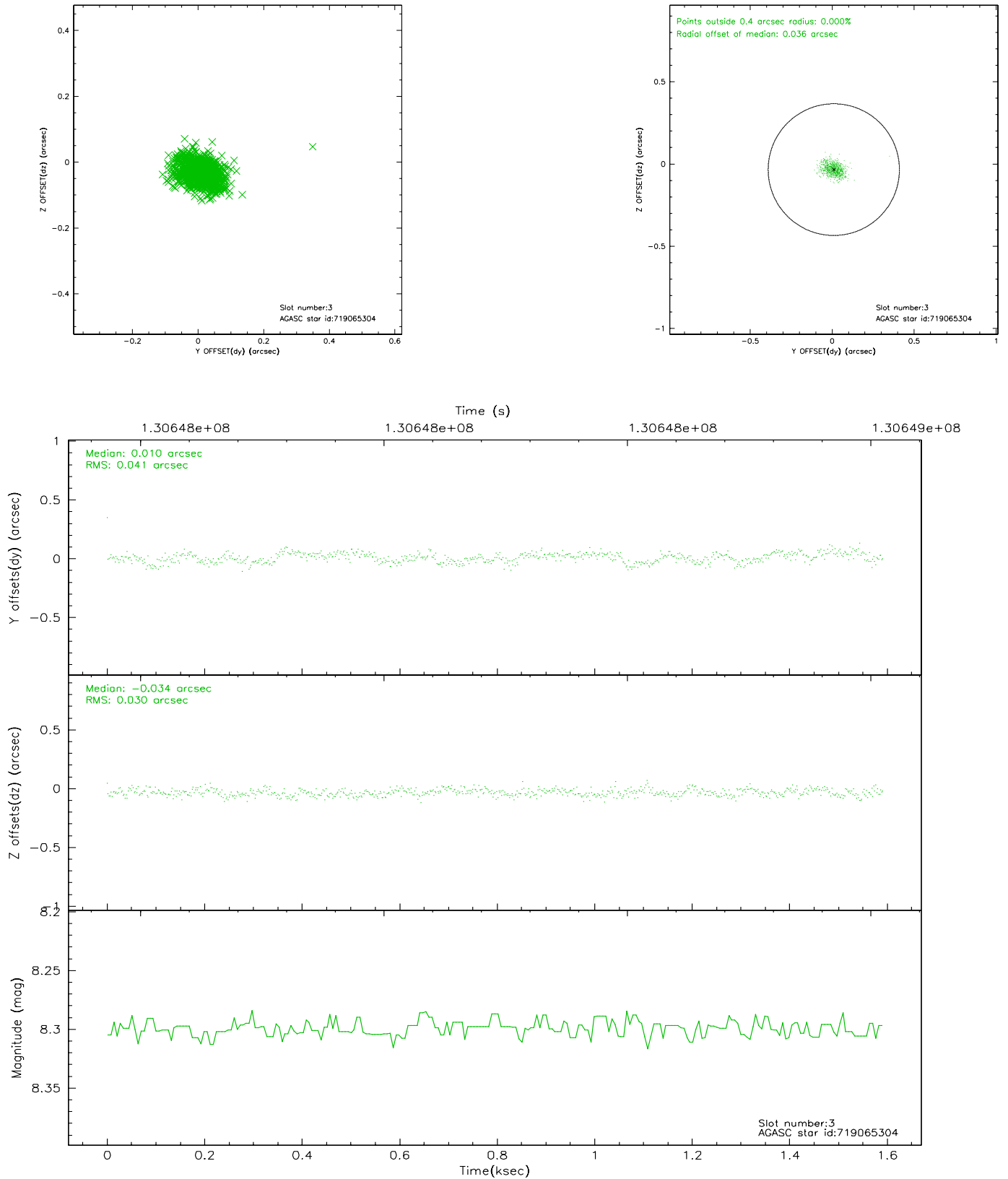
### Slot Statistics

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	388	-0.028	0.041	0.006	0.009	0.000000	0.000000	937.34	-829.97
1	FID	ACIS-I-5	7.24	389	-0.010	0.037	0.006	0.009	0.000000	0.000000	-1808.38	1065.52
2	FID	ACIS-I-6	7.26	388	-0.053	-0.007	0.007	0.011	0.000000	0.000000	398.43	1714.63
3	GUIDE	719065304	8.30	777	0.010	-0.034	0.052	0.086	146.031410	-13.723490	-2361.02	726.53
4	GUIDE	719070552	8.55	777	-0.058	0.059	0.055	0.094	146.989897	-14.294542	1446.70	-227.77
5	GUIDE	719072336	8.76	777	0.040	0.186	0.055	0.094	146.032024	-14.033089	-2020.21	-335.41
6	GUIDE	719062168	8.71	777	0.068	-0.047	0.106	0.173	146.982073	-14.934546	2108.91	-2436.54
7	GUIDE	719061936	9.45	775	-0.065	-0.164	0.116	0.181	146.907752	-13.519256	345.16	2345.89

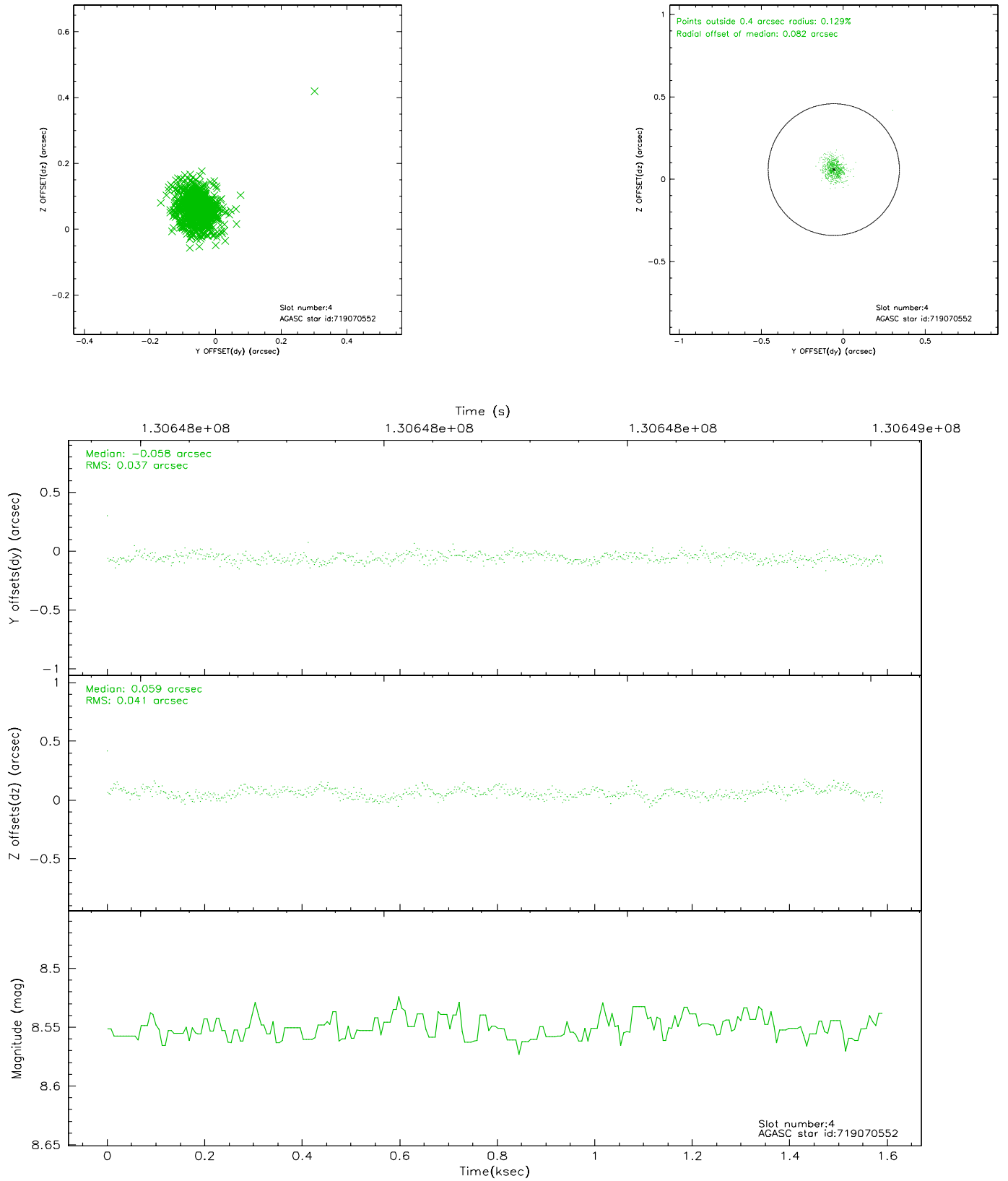


## 2.4 Star Slots

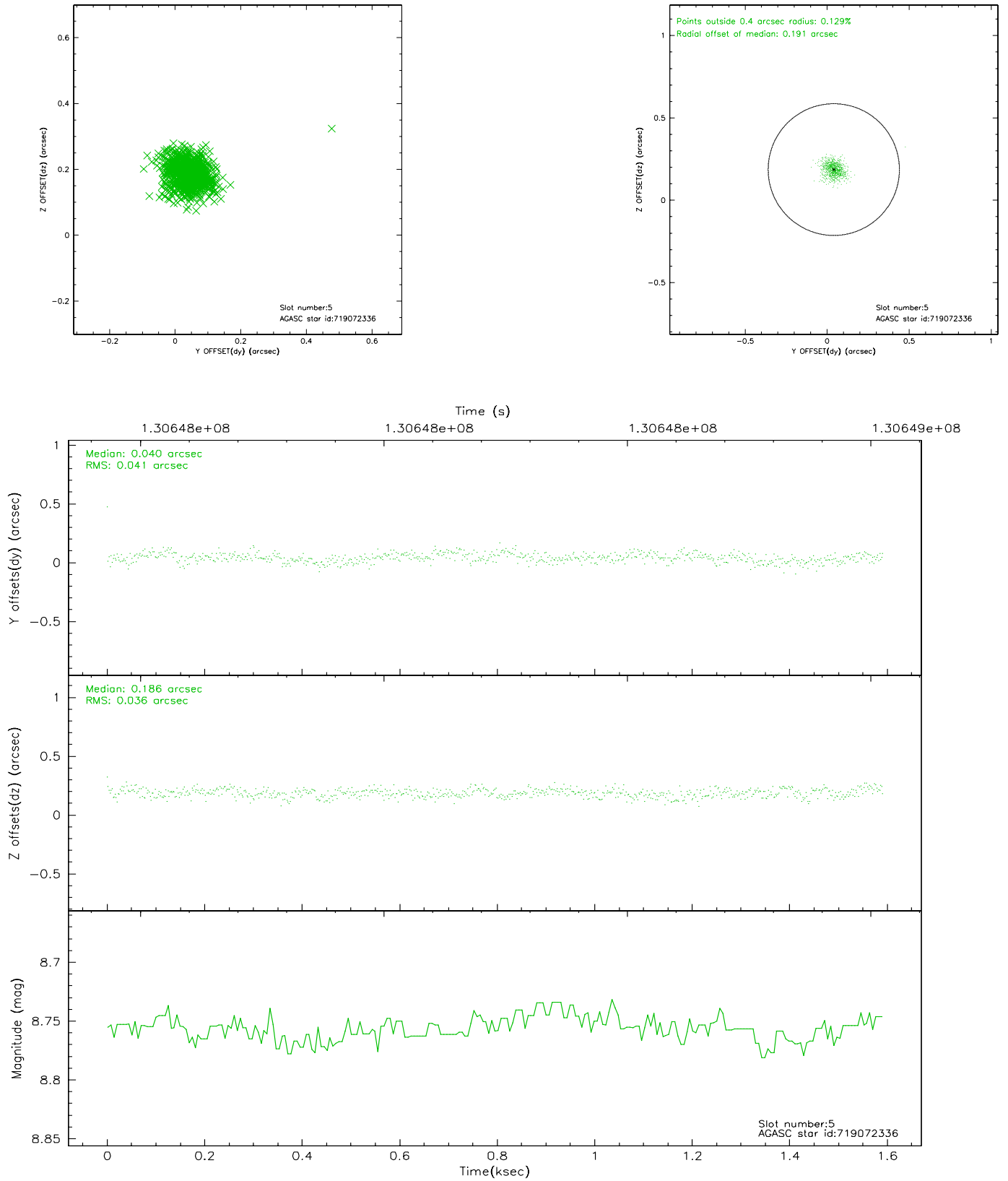
### 2.4.1 Slot 3



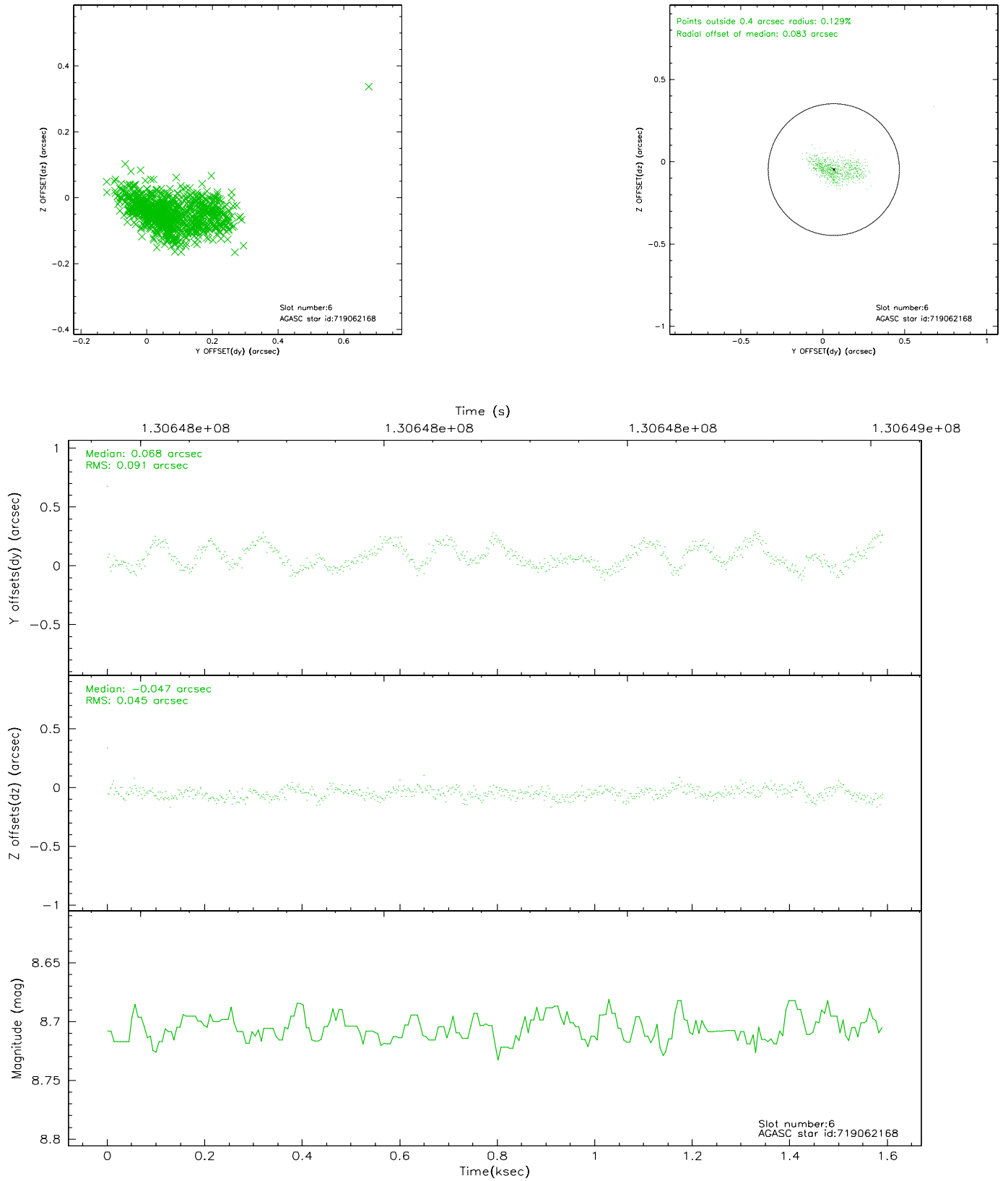
## 2.4.2 Slot 4



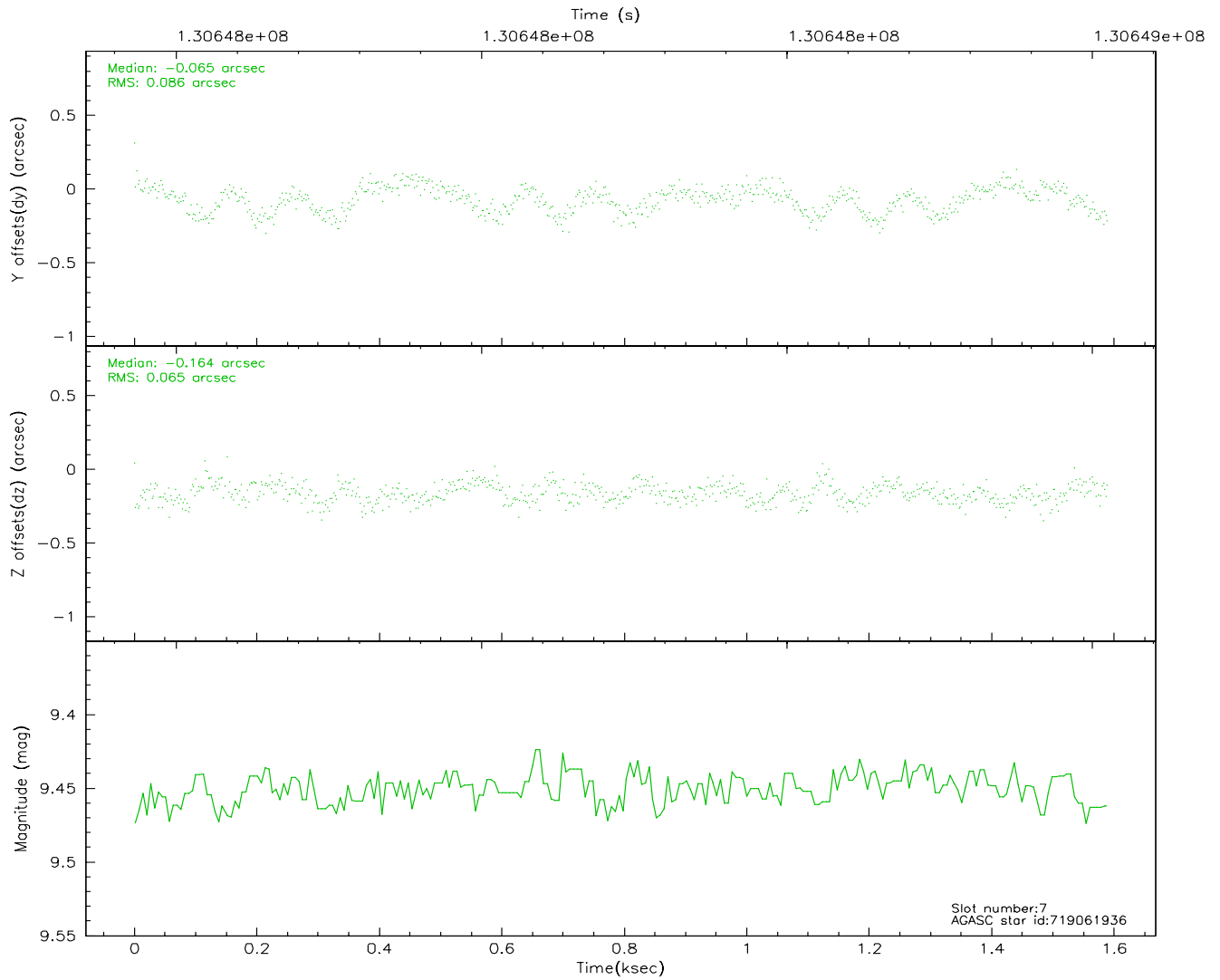
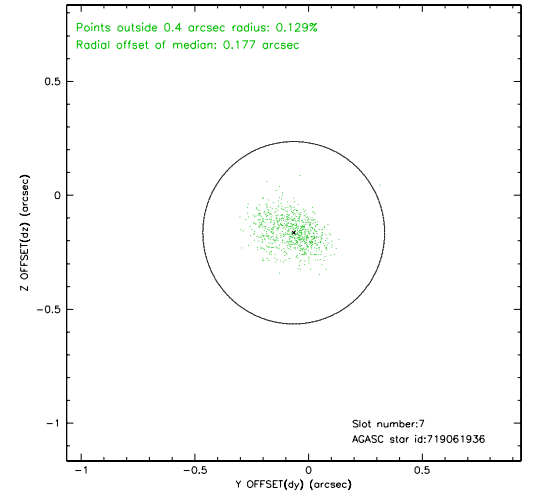
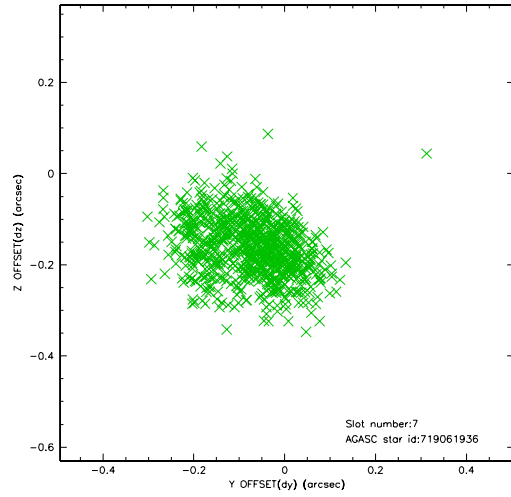
### 2.4.3 Slot 5



## 2.4.4 Slot 6

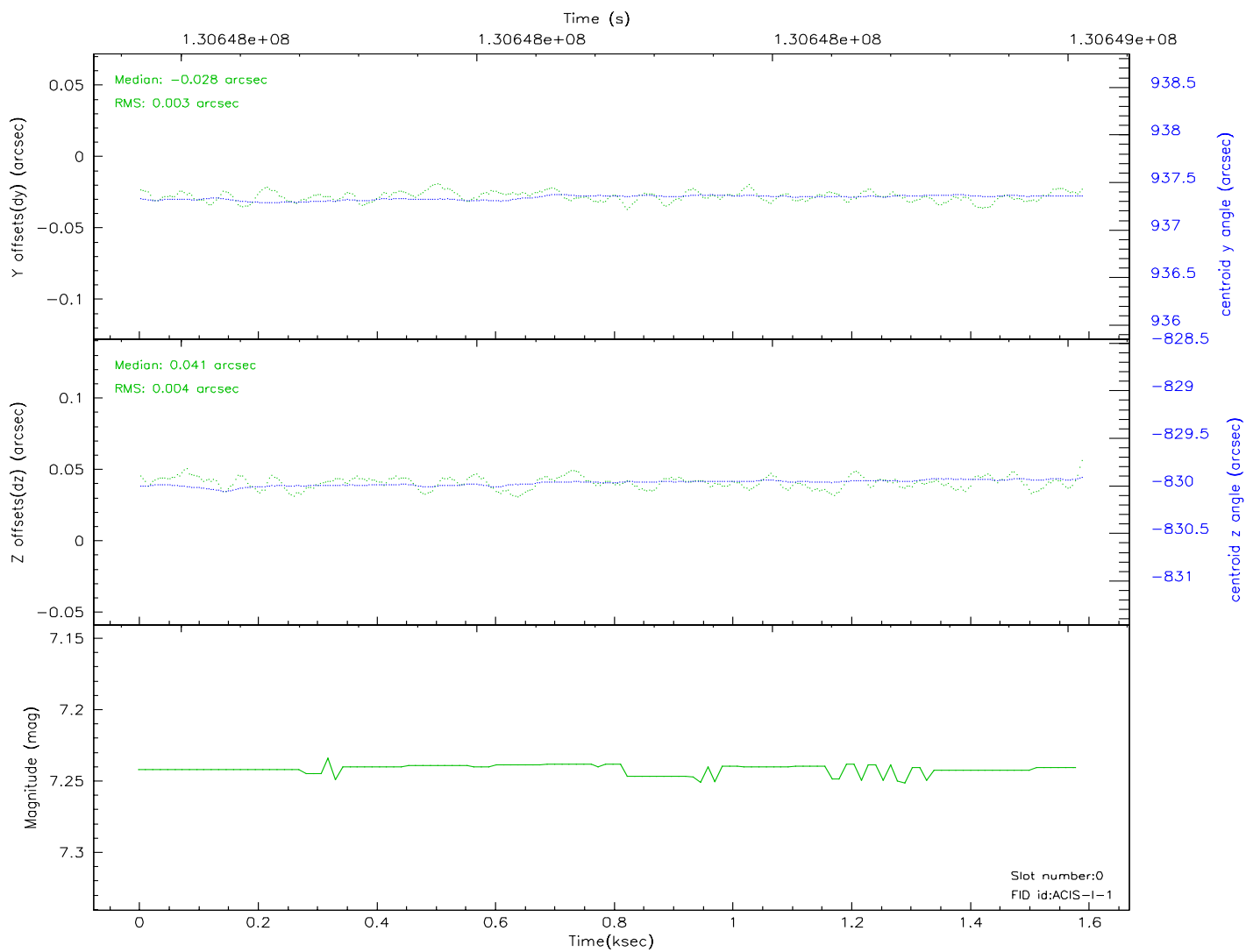
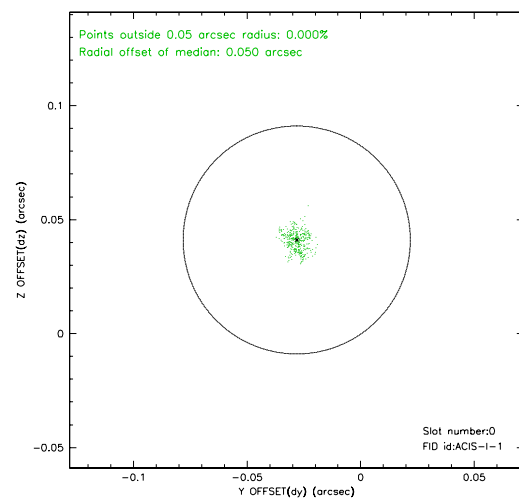
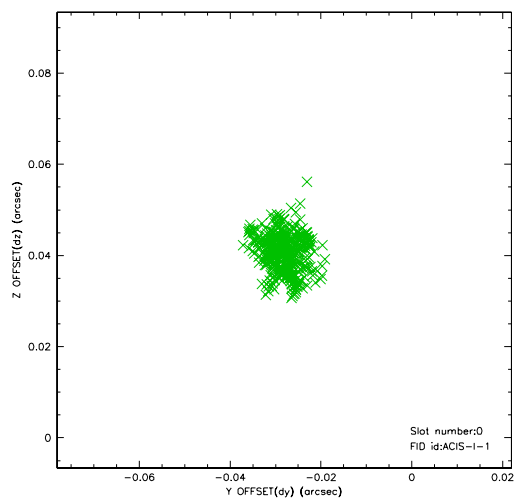


## 2.4.5 Slot 7

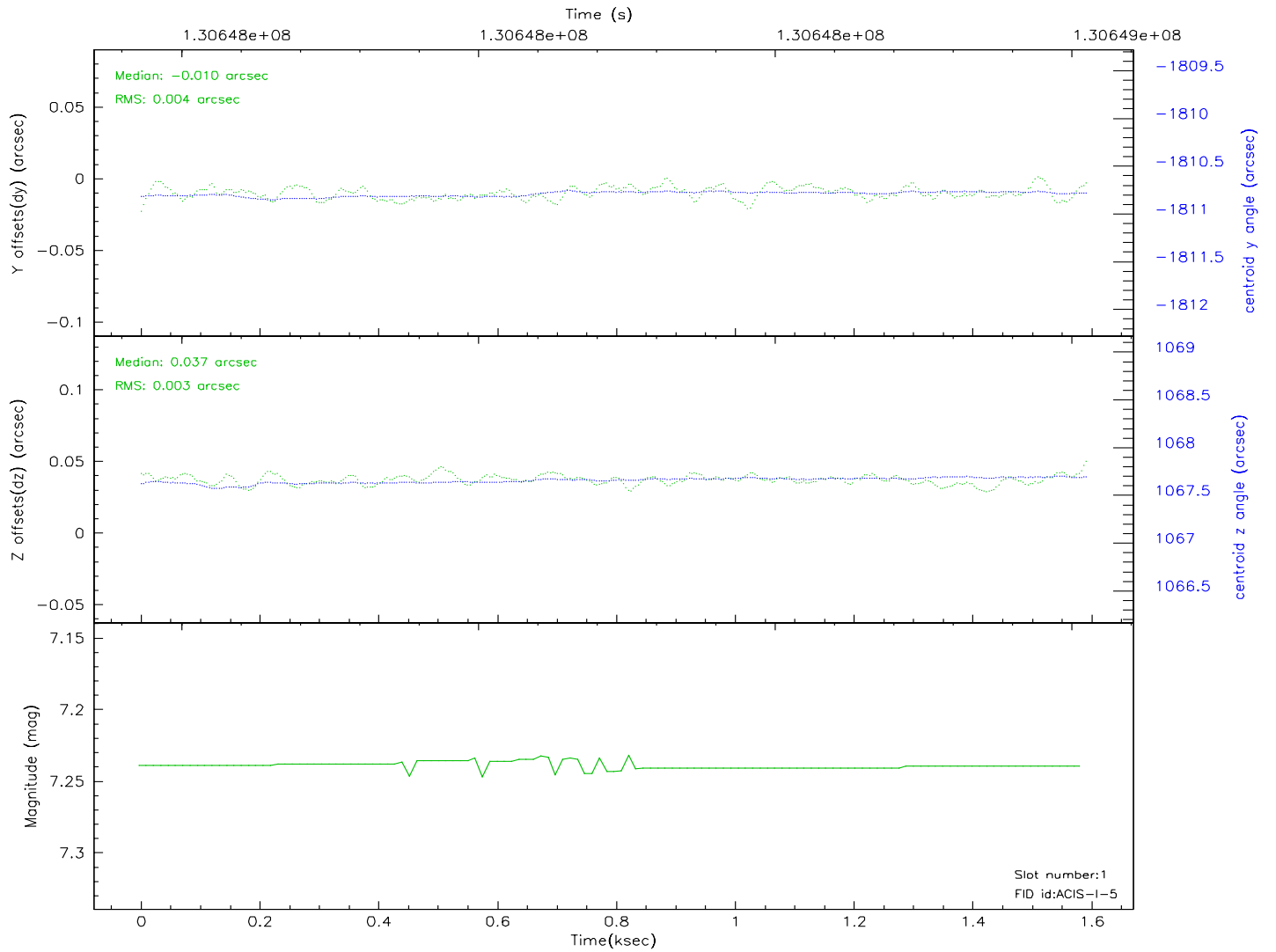
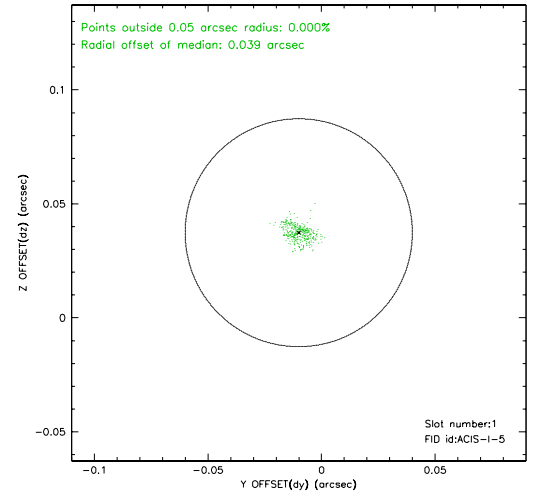
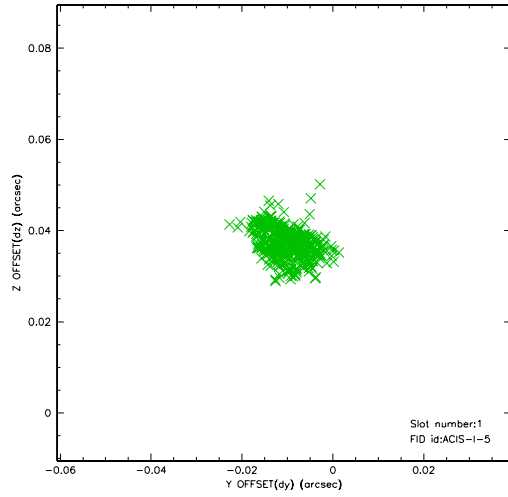


## 2.5 FID Slots

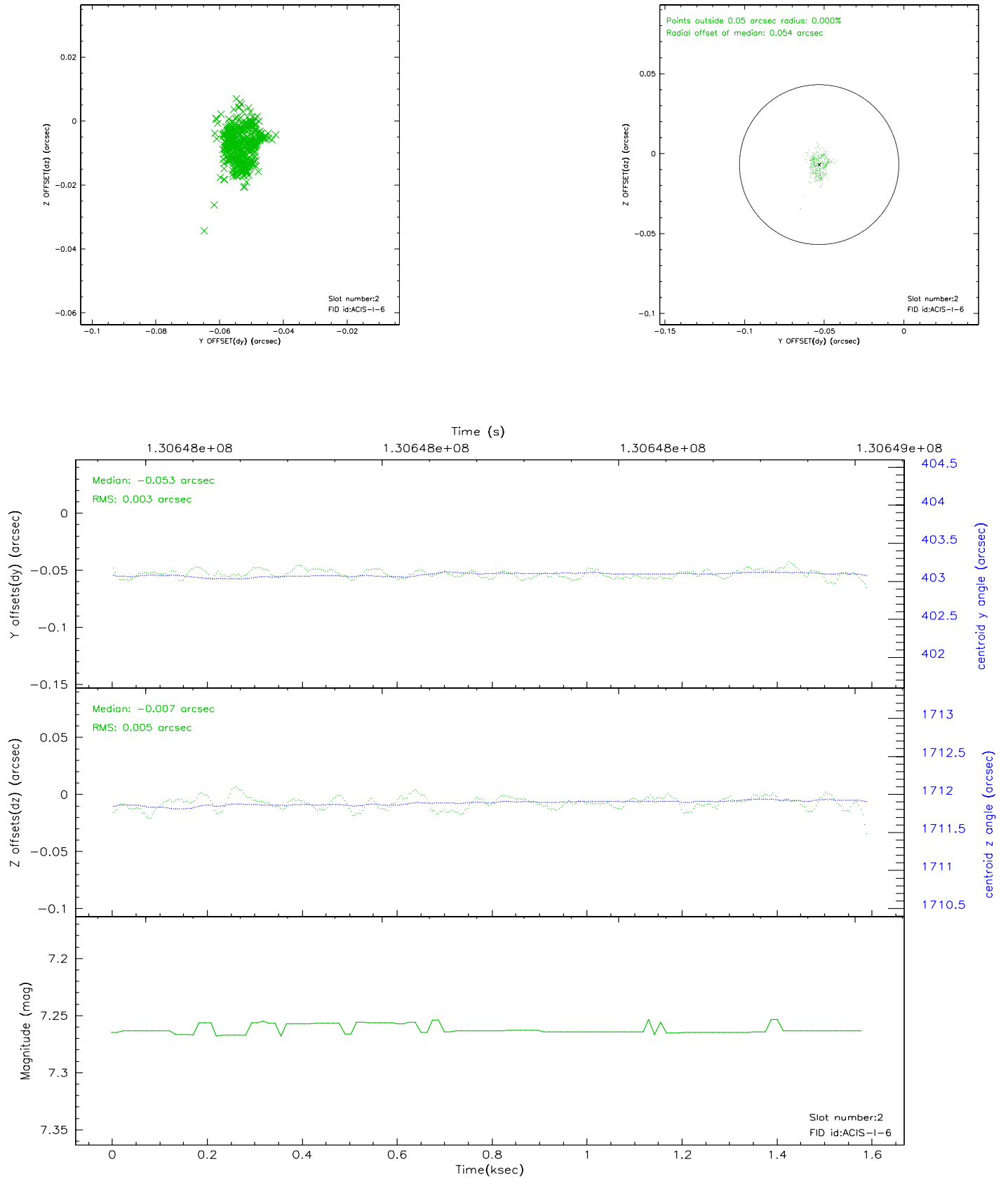
### 2.5.1 Slot 0



## 2.5.2 Slot 1



### 2.5.3 Slot 2





### 3 Point Sources

19.52 arcmin



## A Summary

### A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.09.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.142

### A.2 Comments