

# V&V Reference Report

## L2 ASCDS Version : 7.6.7

Observation 5592 - L2 Version 002  
Chandra X-Ray Center

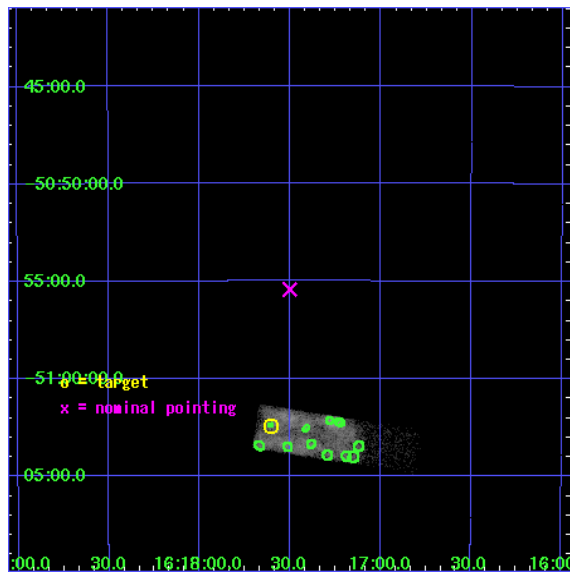
L2 Processing Date: Feb 18 2006

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# 1 Front

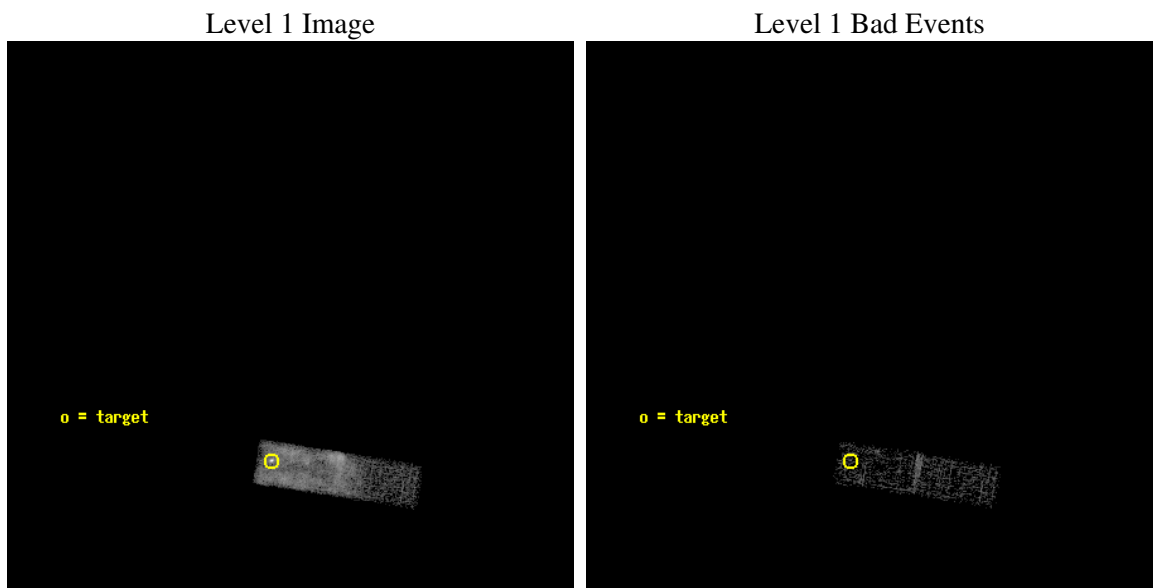
seq_num	500581
obs_id	5592
title	Monitoring of the Central Object in RCW103
observer	Prof. Gordon Garmire
object	RCW103
dtcycle	0
cycle	P
ra_targ	244.40125
dec_targ	-51.040278
ra_nom	244.37514334813
dec_nom	-50.923907238008
roll_nom	99.111520184027
revision	2
ontime	5676.000084579
livetime	5399.0298531143
ontime3	5676.000084579
l2events	22175



## 2 OBI

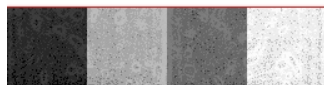
### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias

Chip 3



### 2.1.3 Parameters

obi_num	1
ascdsver	7.6.7
caldbver	3.2.1
date	2006-02-18T08:25:16
revision	2

sched_exp_time	5497.297000
ontime	7232.859046638
ontime3	7232.859046638
l1events	34540

### 2.1.4 Events

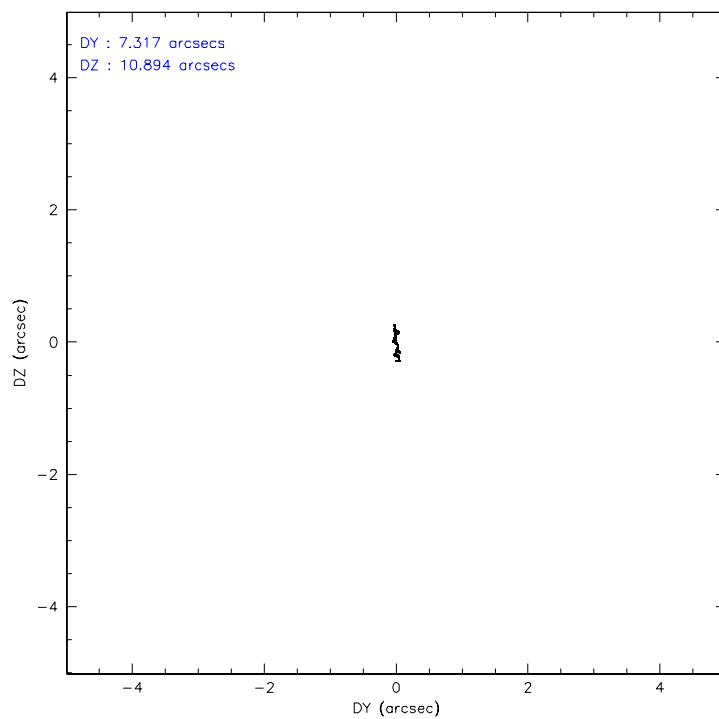
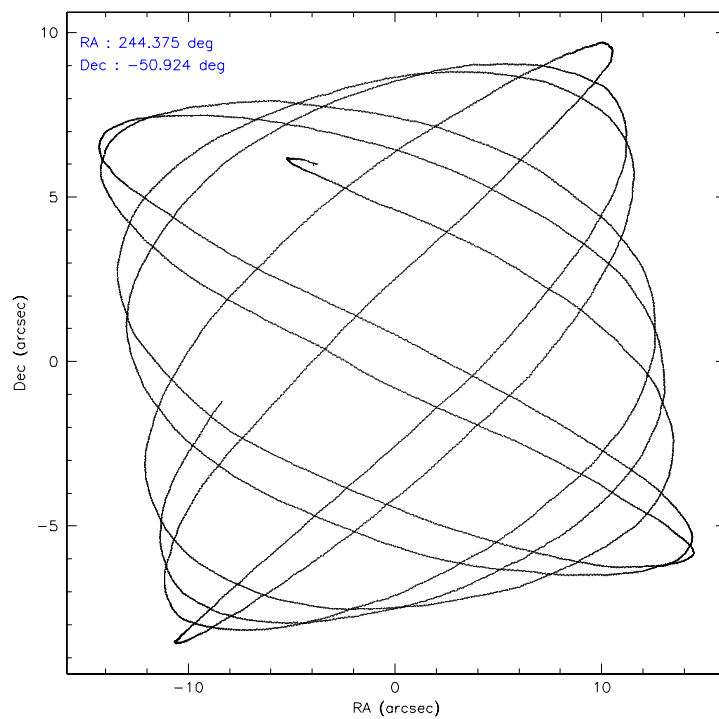
	<b>ccd 3</b>
level 1 events	34540
rejected events	11697
rejected %	33%

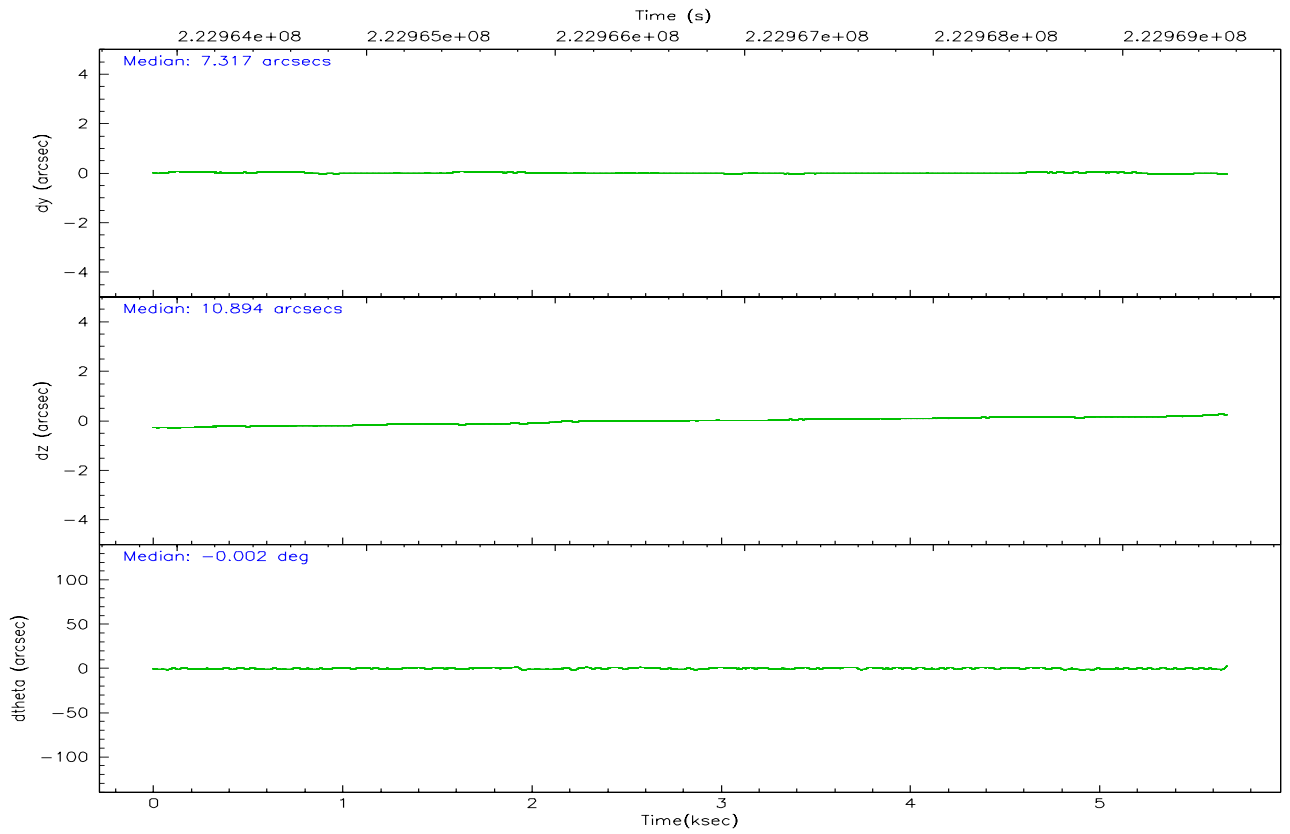
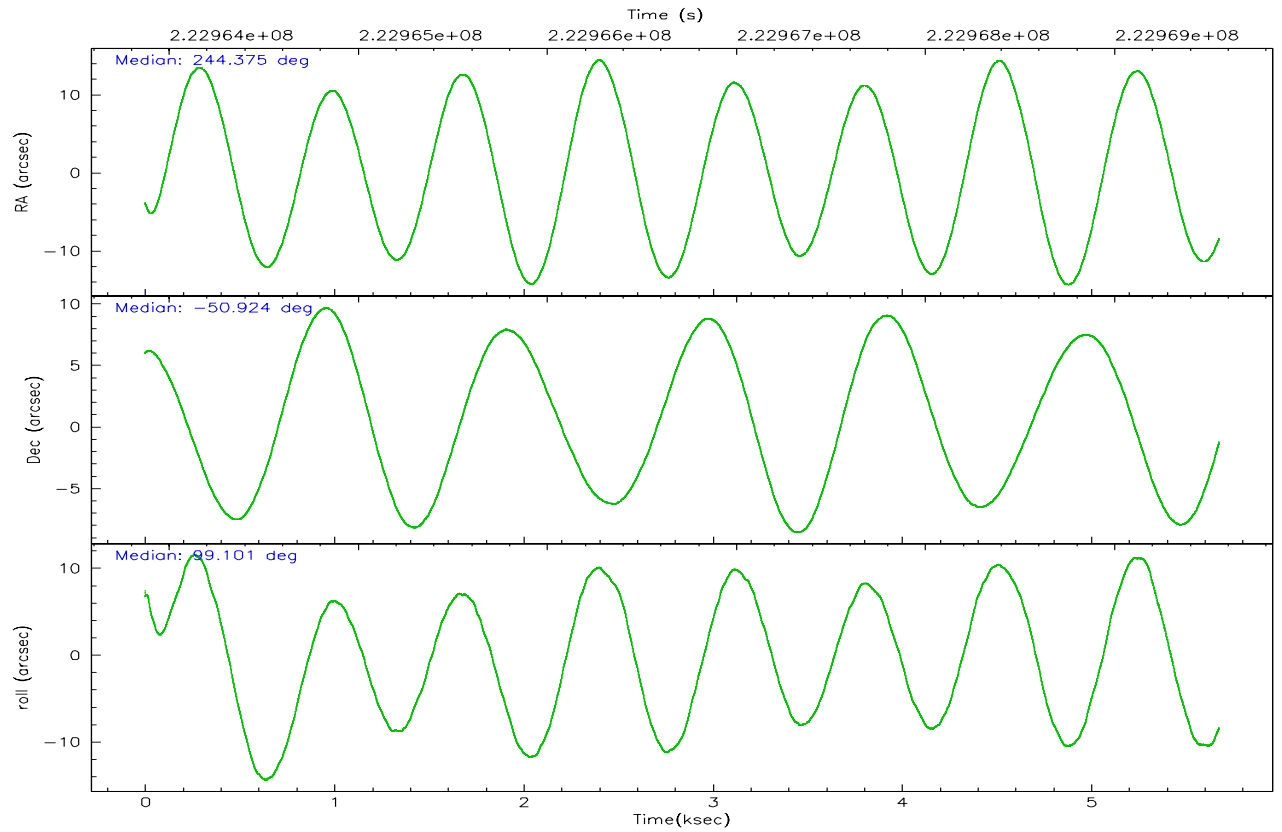
	<b>ccd 3</b>
grade 0 events	19739
	57%
grade 1 events	37
	0%
grade 2 events	2055
	5%
grade 3 events	748
	2%
grade 4 events	711
	2%
grade 5 events	203
	0%
grade 6 events	406
	1%
grade 7 events	10641
	30%

## 2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-3	ACIS-3	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	CUSTOM	1/4
Pointing RA	244.402672	244.3751433481304	Subarray start row	1	1
Pointing Dec	-50.944979	-50.92390723800845	Subarray row count	256	256
Pointing Roll	98.924203	99.1115201840271	Alternating exposures requested	N	N
SIM focus pos (mm)	-0.782348	-0.7809083437167272	Primary exposure time	0.000000	0.8
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	222964048.184000	222962313.64137			
Observation start date	2005-01-24T14:26:24	2005-01-24T13:58:33			
Observation end time	222969546.184000	222969781.7917			
Observation end date	2005-01-24T15:58:02	2005-01-24T16:03:01			
Read mode	TIMED	TIMED			

## 2.3 Aspect





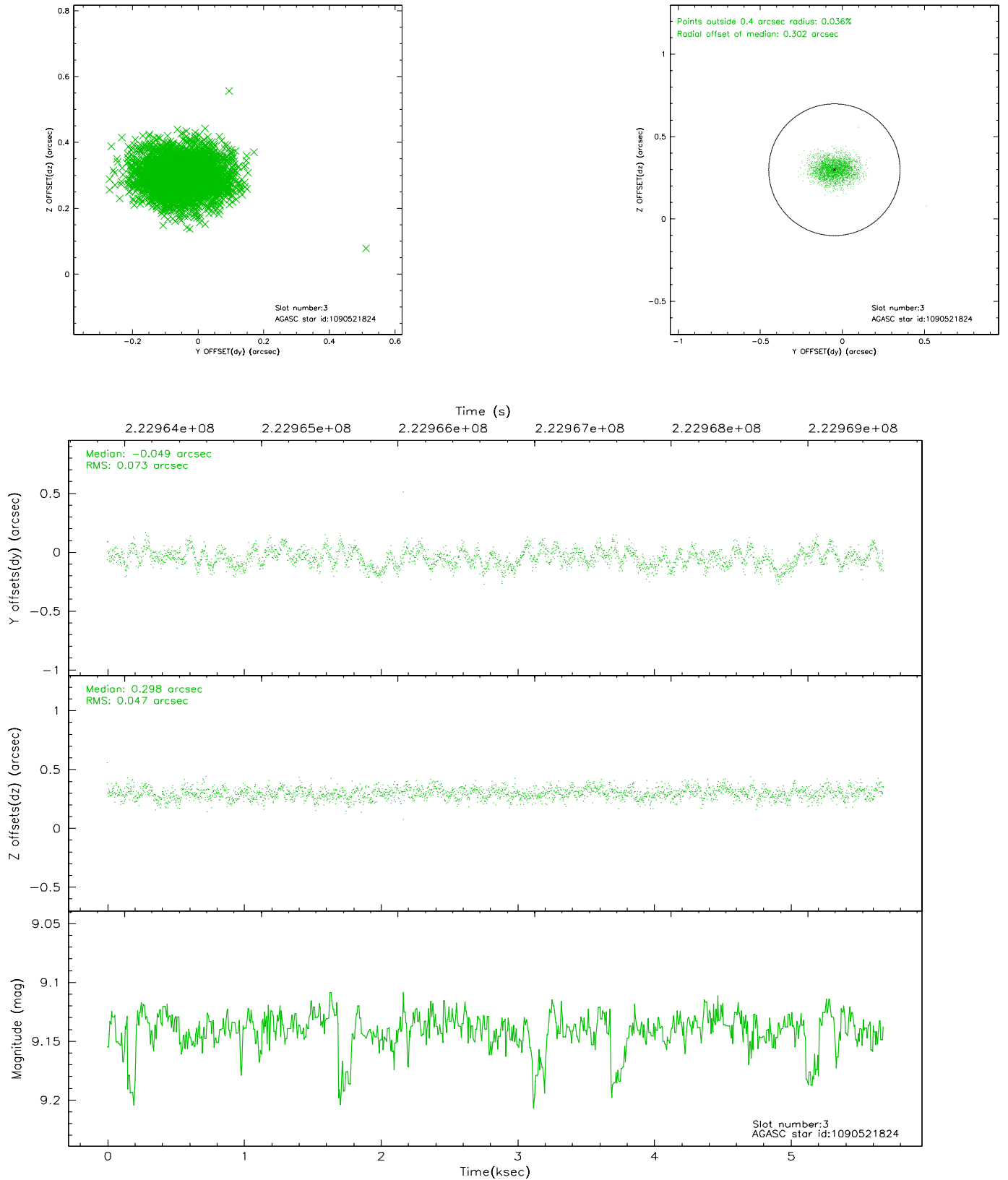
### Slot Statistics

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	1384	-0.023	-0.028	0.013	0.022	0.000000	0.000000	932.32	-834.40
1	FID	ACIS-I-4	7.18	1385	0.098	0.053	0.010	0.016	0.000000	0.000000	2153.09	1064.95
2	FID	ACIS-I-5	7.22	1386	-0.173	0.044	0.007	0.011	0.000000	0.000000	-1814.46	1064.01
3	GUIDE	1090521824	9.14	2765	-0.049	0.298	0.091	0.149	244.711253	-50.470098	1578.41	-963.04
4	GUIDE	1090924096	8.06	2771	0.059	-0.010	0.059	0.093	243.849549	-51.016855	-65.03	1277.86
5	GUIDE	1091059112	9.05	2768	-0.020	0.249	0.106	0.164	245.180420	-50.736664	457.58	-1864.69
6	GUIDE	1090921440	8.94	2770	0.021	-0.247	0.091	0.147	243.292741	-50.752608	1057.78	2392.07
7	GUIDE	1090924384	8.06	2770	0.002	-0.287	0.071	0.111	243.330505	-50.934017	399.29	2400.32

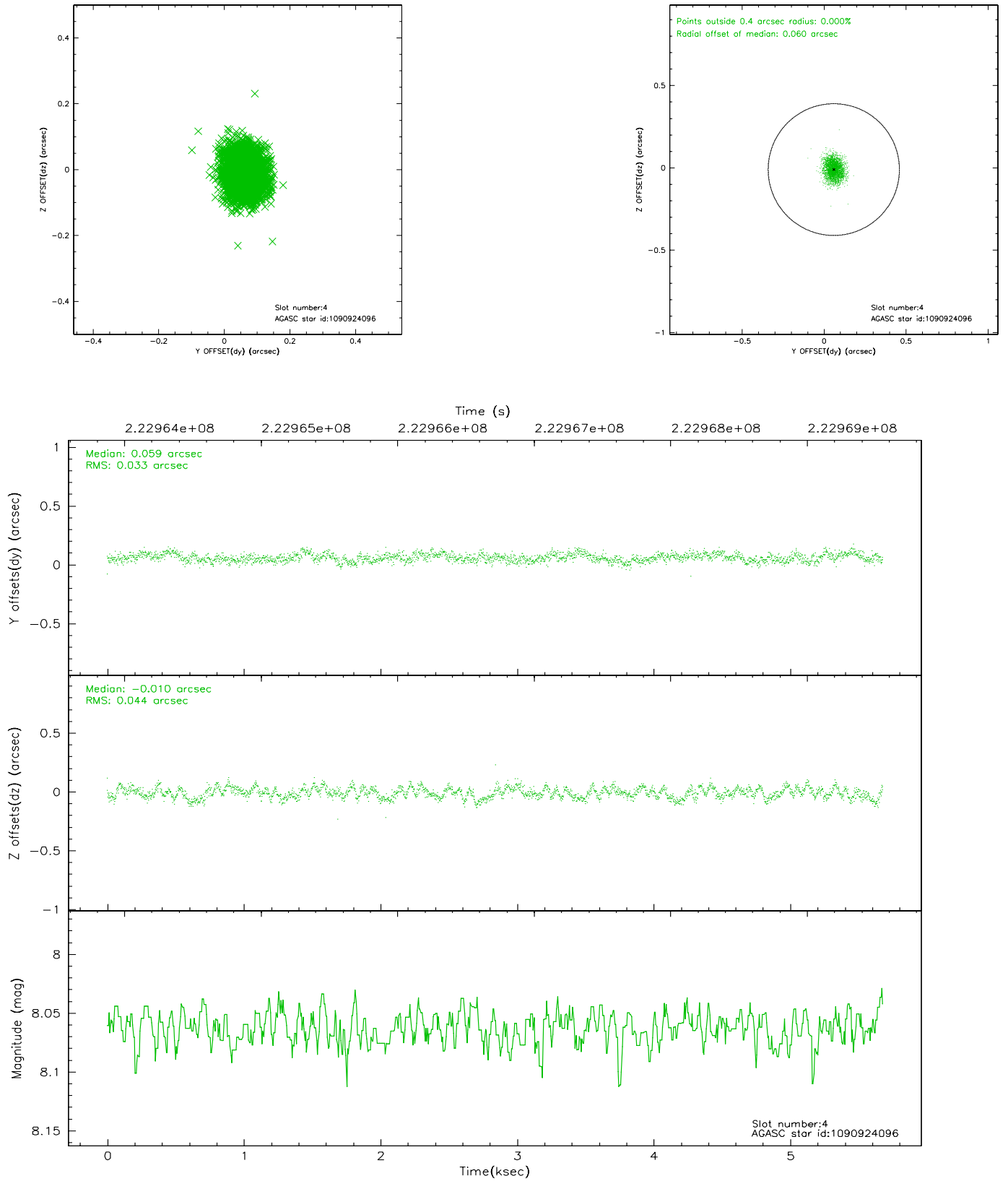


## 2.4 Star Slots

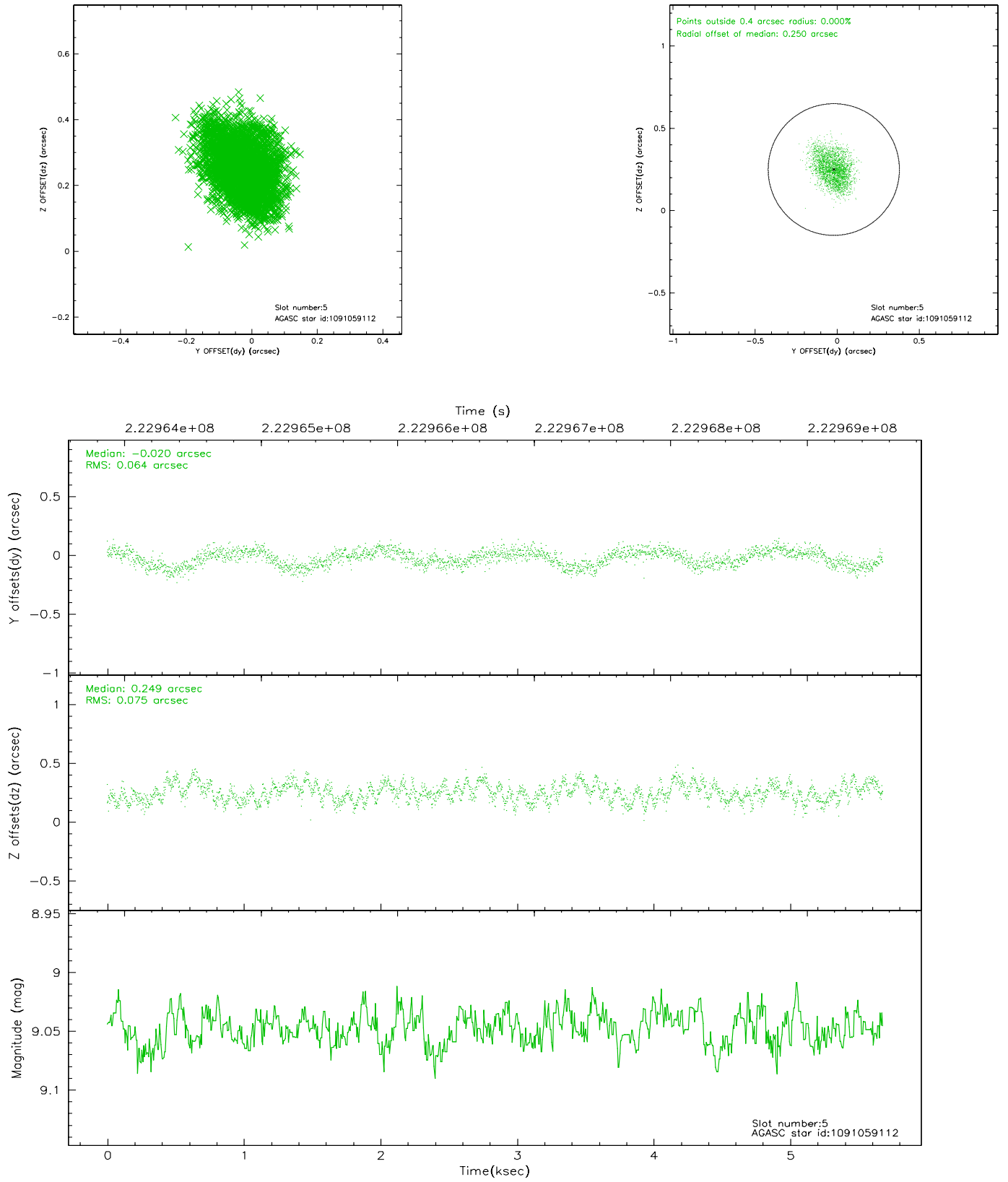
### 2.4.1 Slot 3



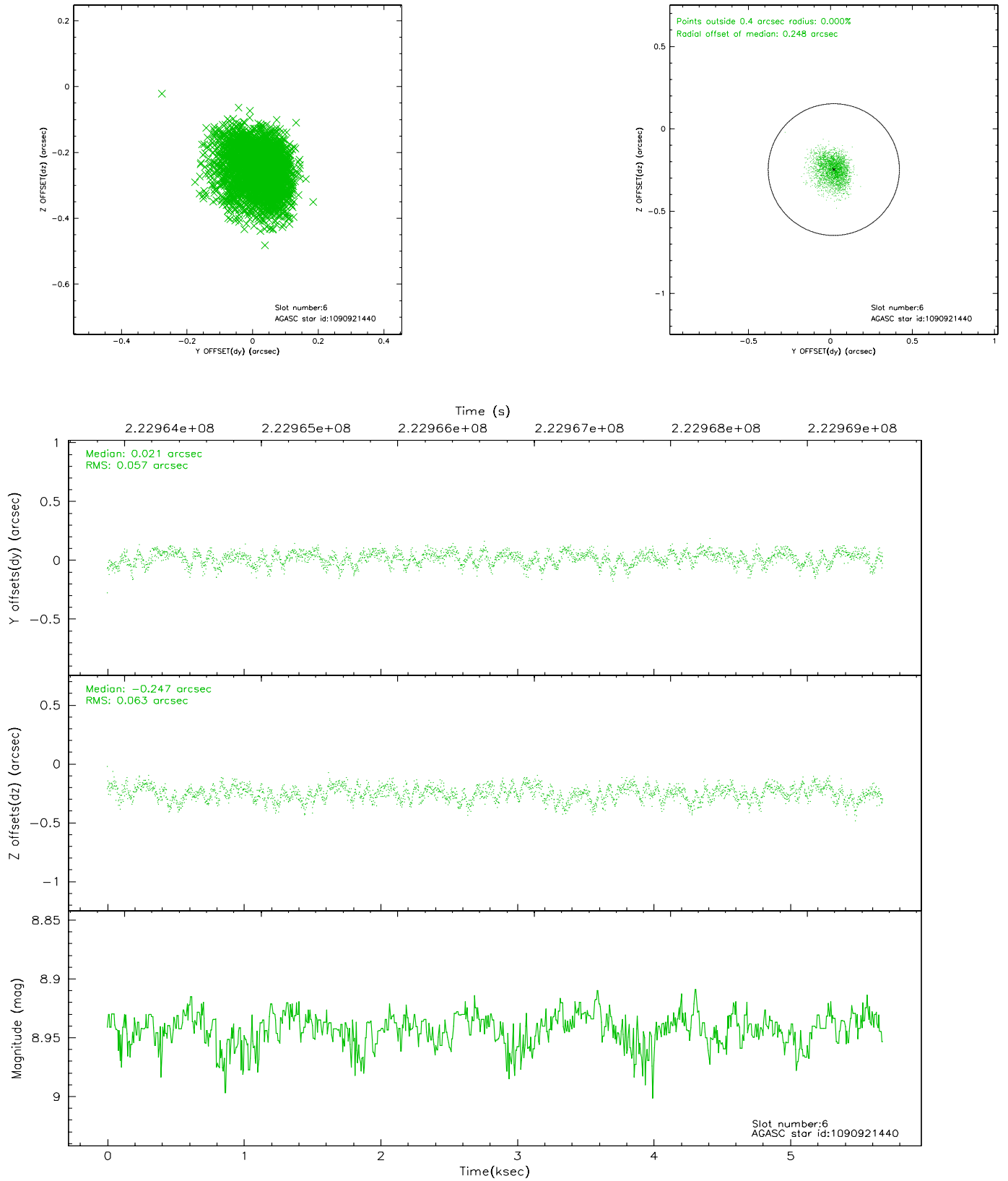
## 2.4.2 Slot 4



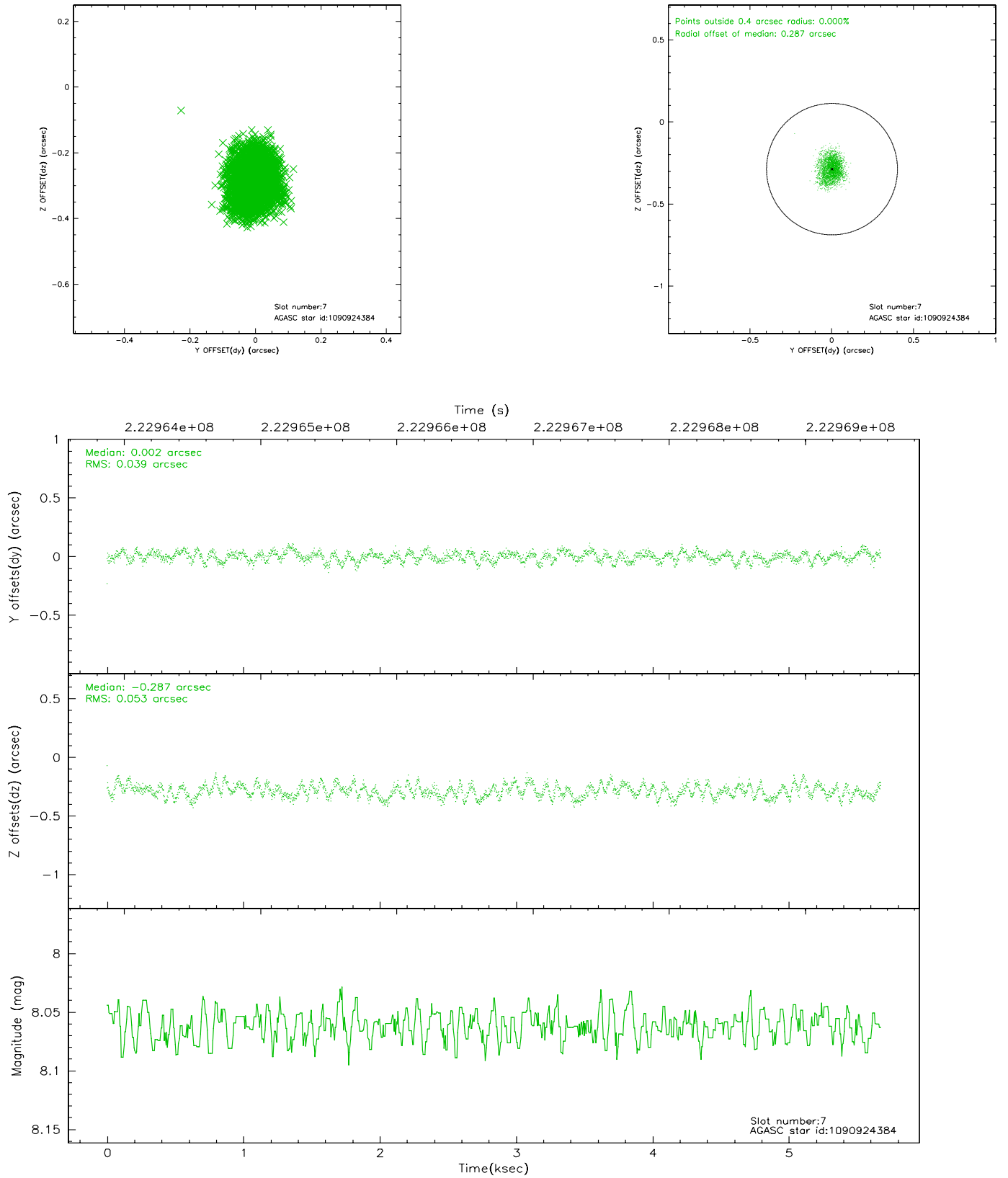
### 2.4.3 Slot 5



## 2.4.4 Slot 6

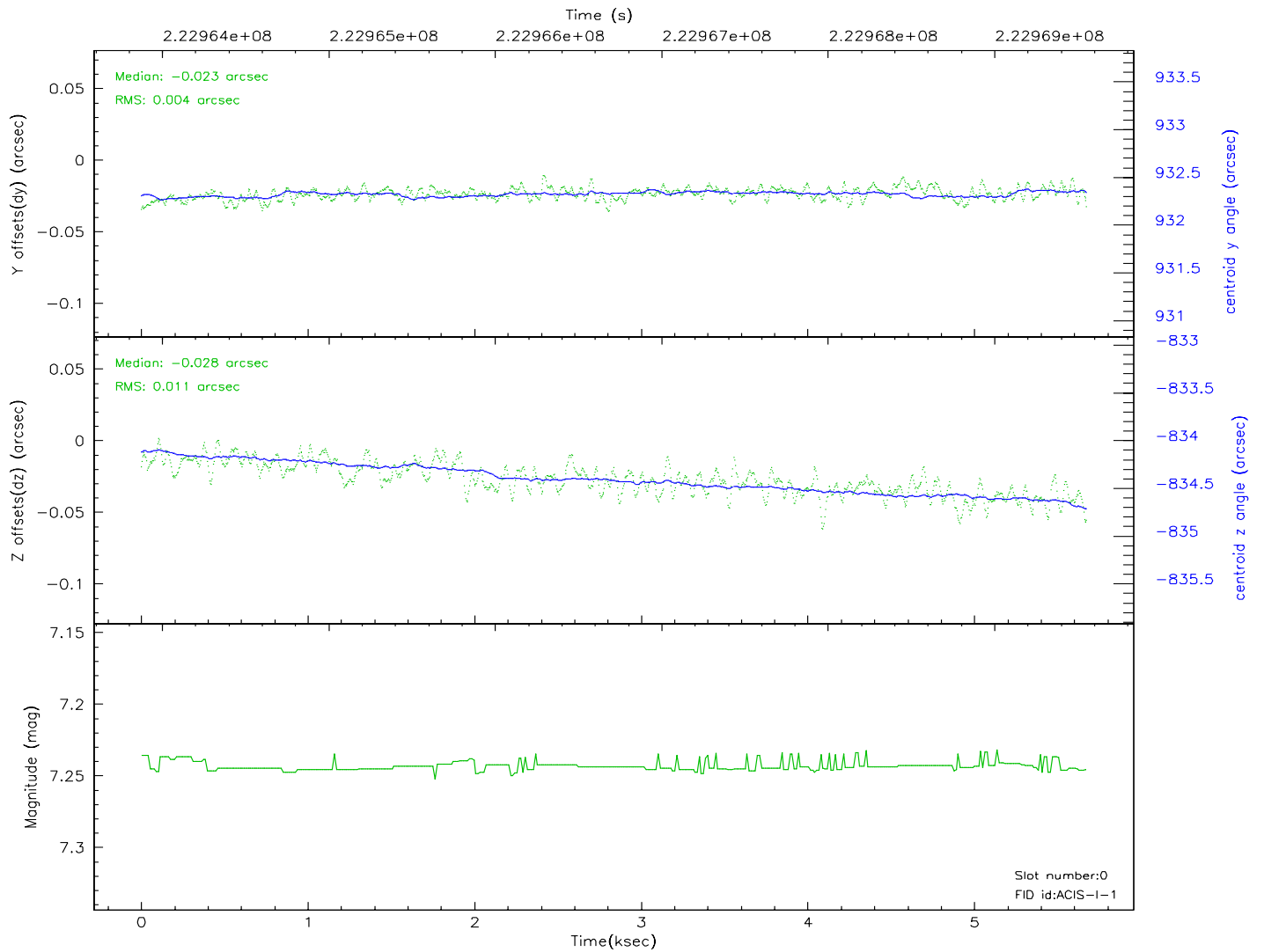
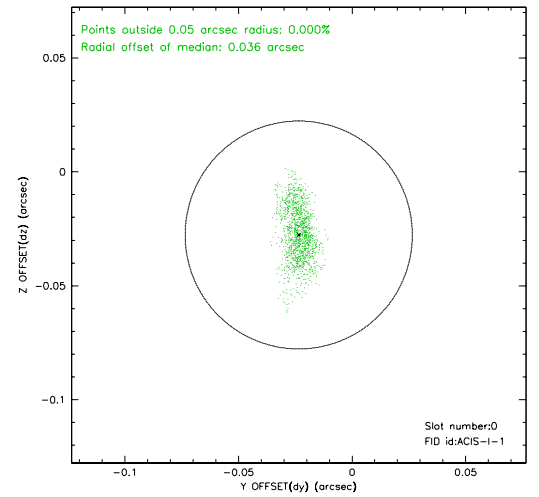
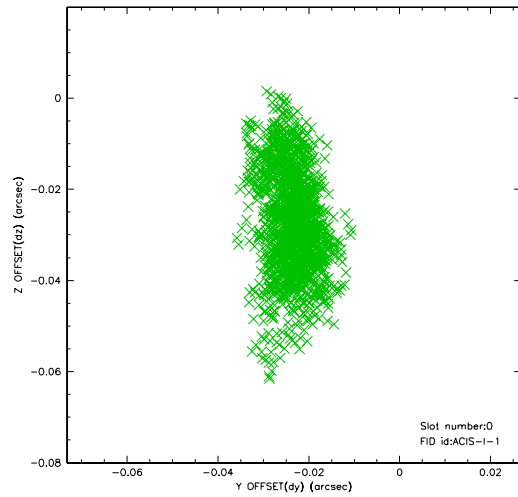


## 2.4.5 Slot 7

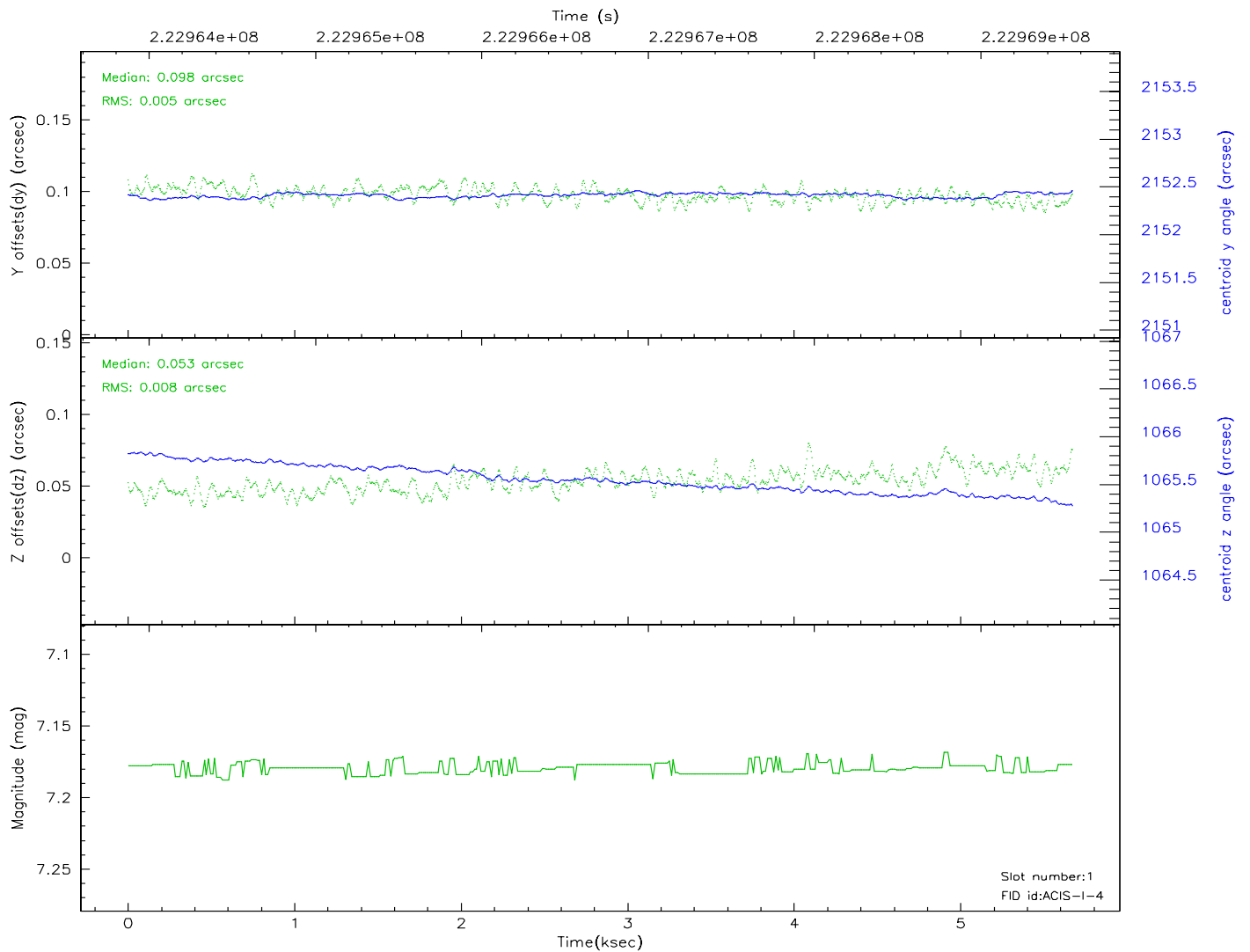
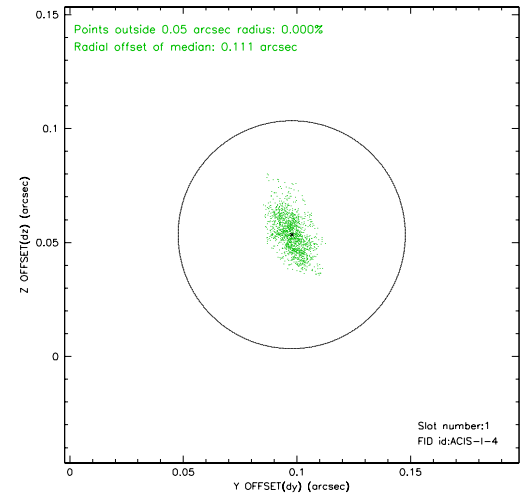
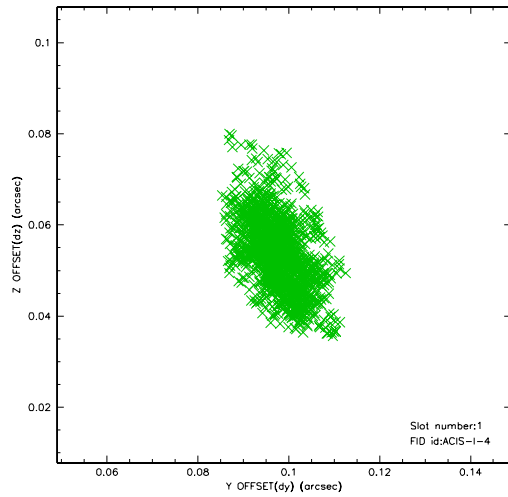


## 2.5 FID Slots

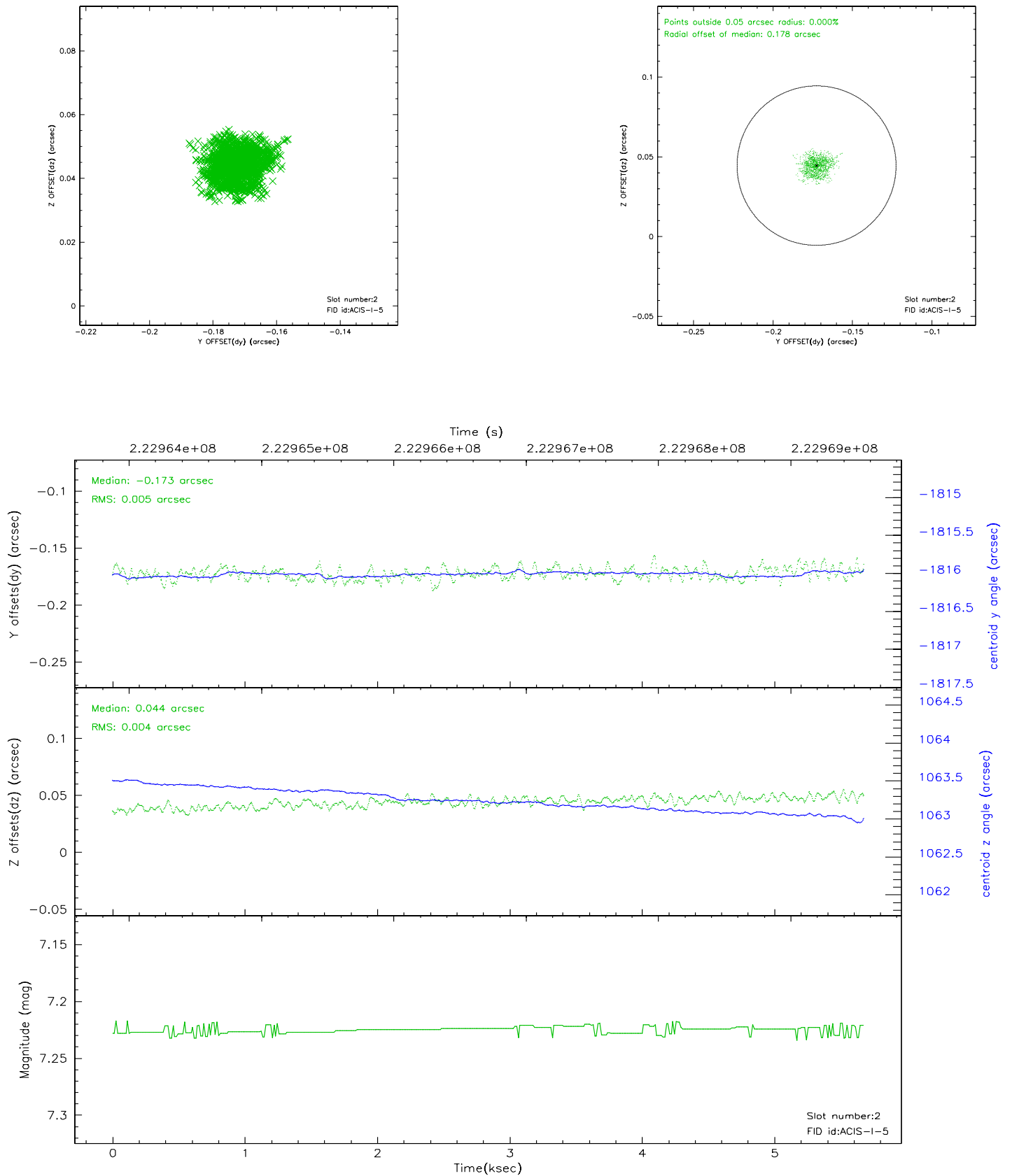
### 2.5.1 Slot 0



## 2.5.2 Slot 1



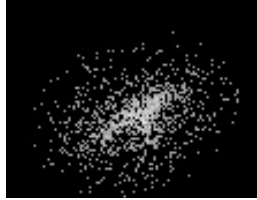
### 2.5.3 Slot 2





### 3 Point Sources

7.04 arcmin



## A Summary

### A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.02.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.676

### A.2 Comments