

# V&V Reference Report

## L2 ASCDS Version : 7.6.9

Observation 2967 - L2 Version 001  
Chandra X-Ray Center

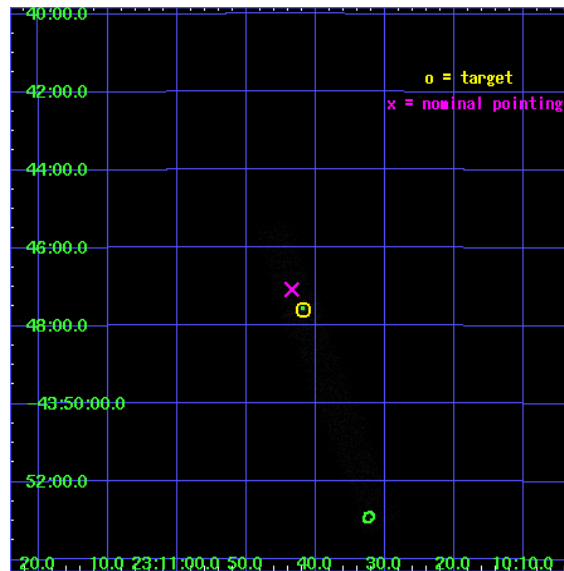
L2 Processing Date : Sep 26 2006

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# 1 Front

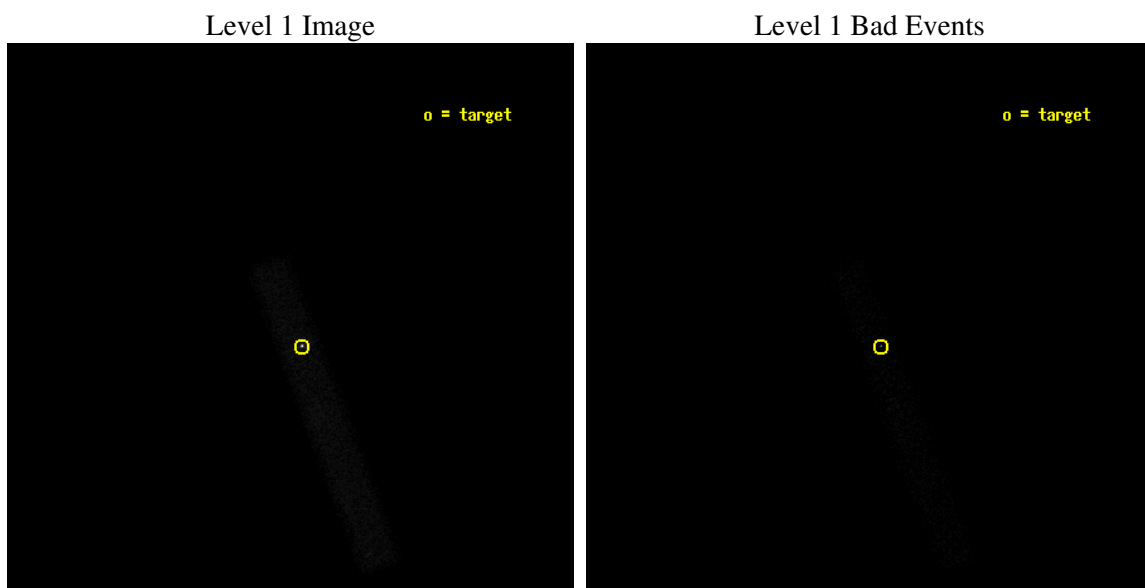
seq_num	700406
obs_id	2967
title	J2310-437, AN X-RAY BRIGHT, RADIO-LOUD,OPTICALLY DULL GALAXY
observer	Dr. Stephen Murray
object	J2310-437
dtcycle	0
cycle	P
ra_targ	347.674167
dec_targ	-43.792861
ra_nom	347.68109429377
dec_nom	-43.78455550708
roll_nom	69.126065020448
revision	2
ontime	29492.400439471
livedtime	26748.050462063
ontime7	29492.400439471
l2events	27942



## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias

Chip 7



### 2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.3
date	2006-09-26T13:57:48
revision	2

sched_exp_time	29000.000000
ontime	29859.835957319
ontime7	29859.835957319
l1events	47031

### 2.1.4 Events

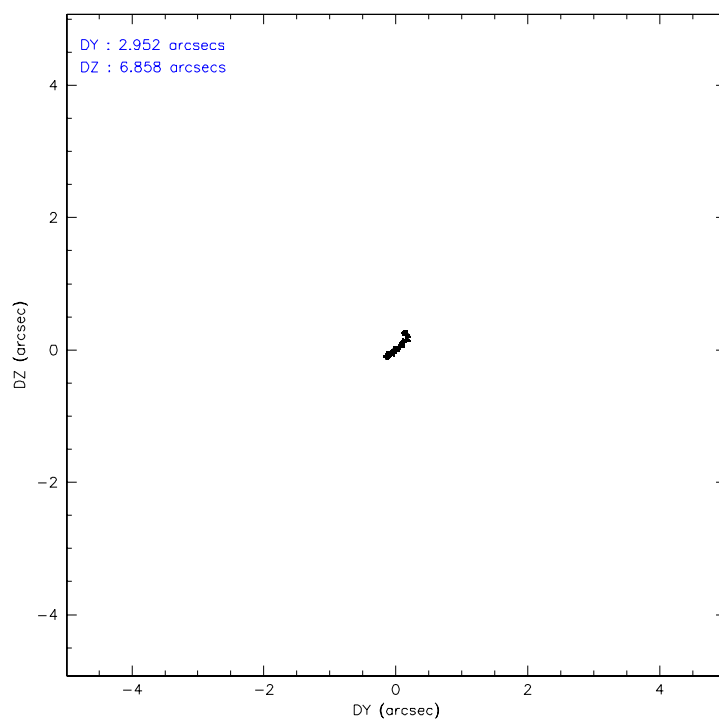
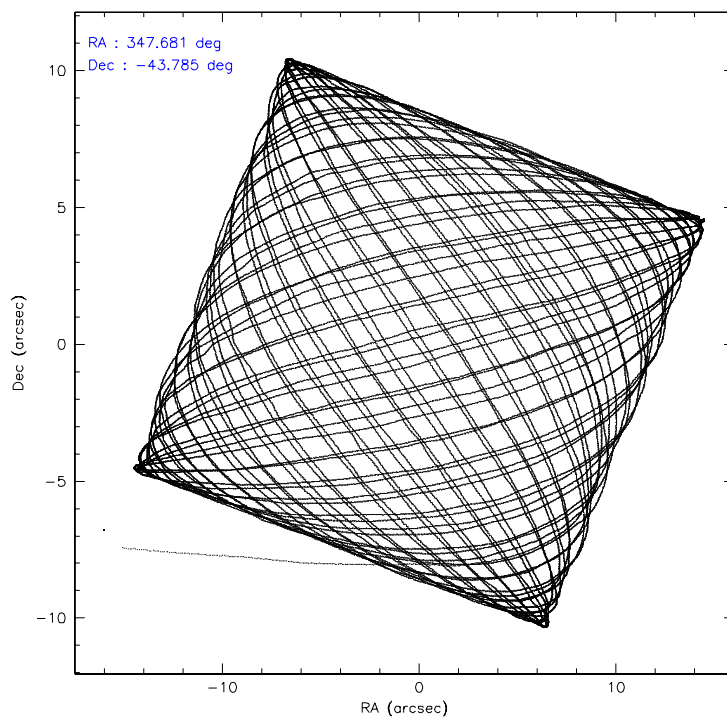
	<b>ccd 7</b>
level 1 events	47031
rejected events	18462
rejected %	39%

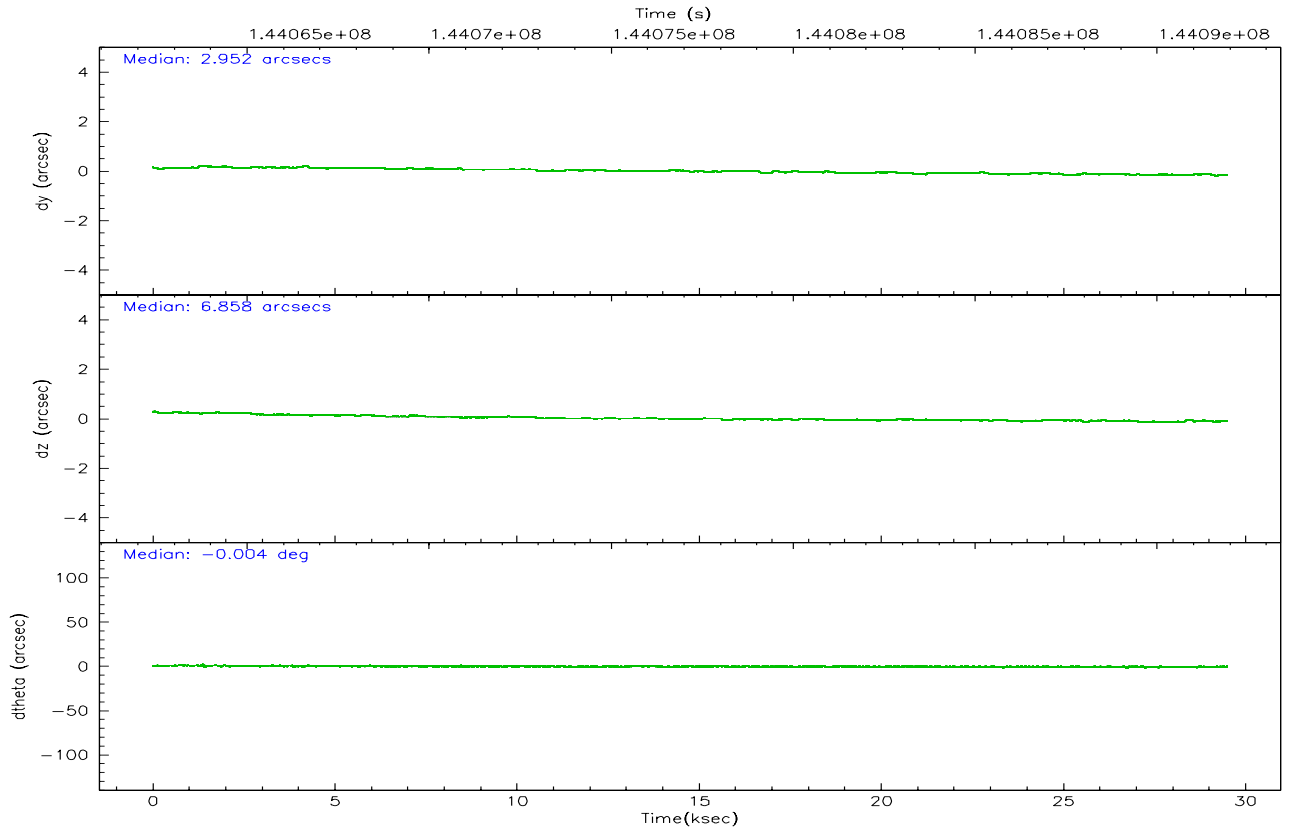
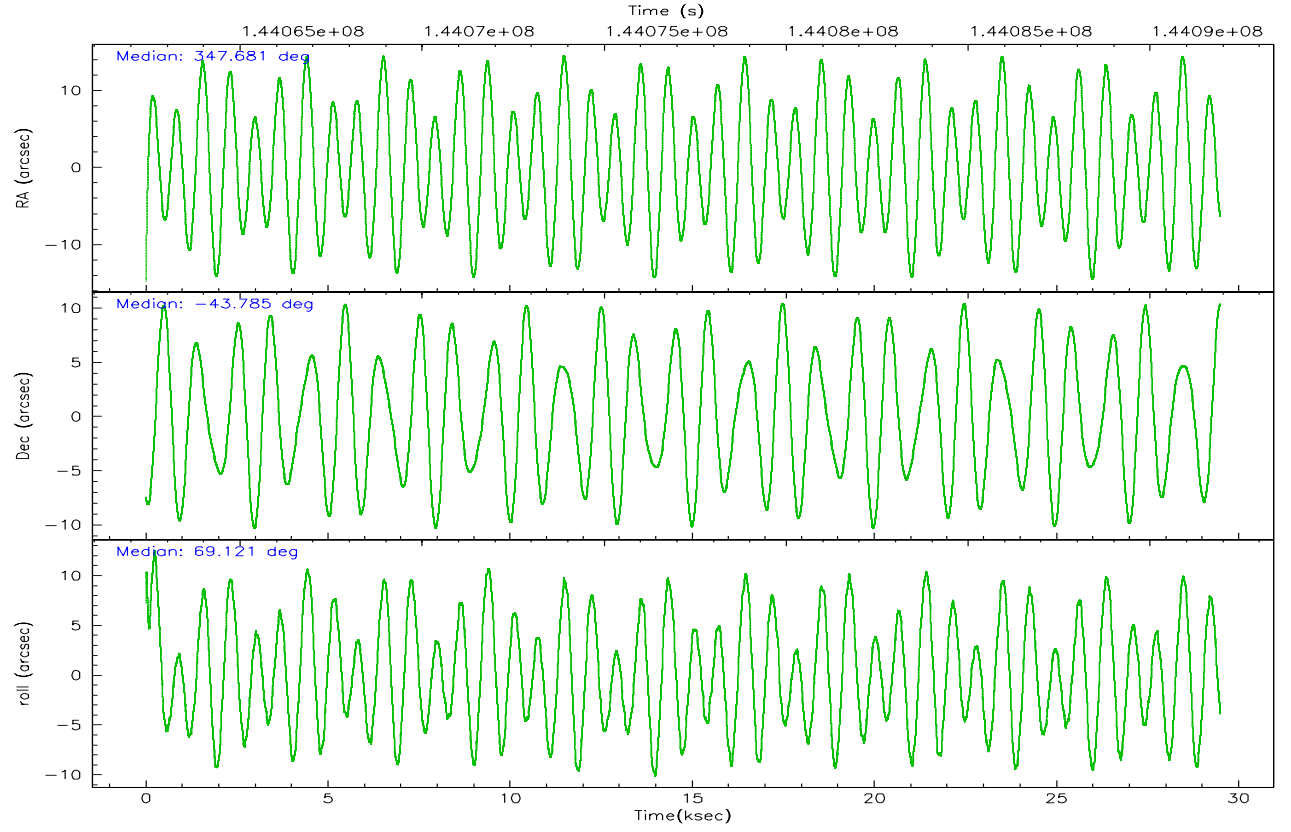
	<b>ccd 7</b>
grade 0 events	6342
	13%
grade 1 events	92
	0%
grade 2 events	6772
	14%
grade 3 events	3136
	6%
grade 4 events	2920
	6%
grade 5 events	2465
	5%
grade 6 events	9620
	20%
grade 7 events	15684
	33%

## 2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-7	ACIS-7	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	347.687556	347.6810942937739	Subarray requested	CUSTOM	1/8
Pointing Dec	-43.811400	-43.78455550707962	Subarray start row	449	449
Pointing Roll	68.973902	69.12606502044815	Subarray row count	128	128
SIM focus pos (mm)	-0.684267	-0.6828225247311905	Alternating exposures requested	N	N
SIM defocus (mm)	0	0.001444936568705701	Primary exposure time	0.000000	0.4
SIM translation stage pos (mm)	-190.132523	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	144062914.184000	144061794.41152			
Observation start date	2002-07-26T09:27:30	2002-07-26T09:09:54			
Observation end time	144091914.184000	144092608.98779			
Observation end date	2002-07-26T17:30:50	2002-07-26T17:43:28			
Read mode	TIMED	TIMED			

## 2.3 Aspect





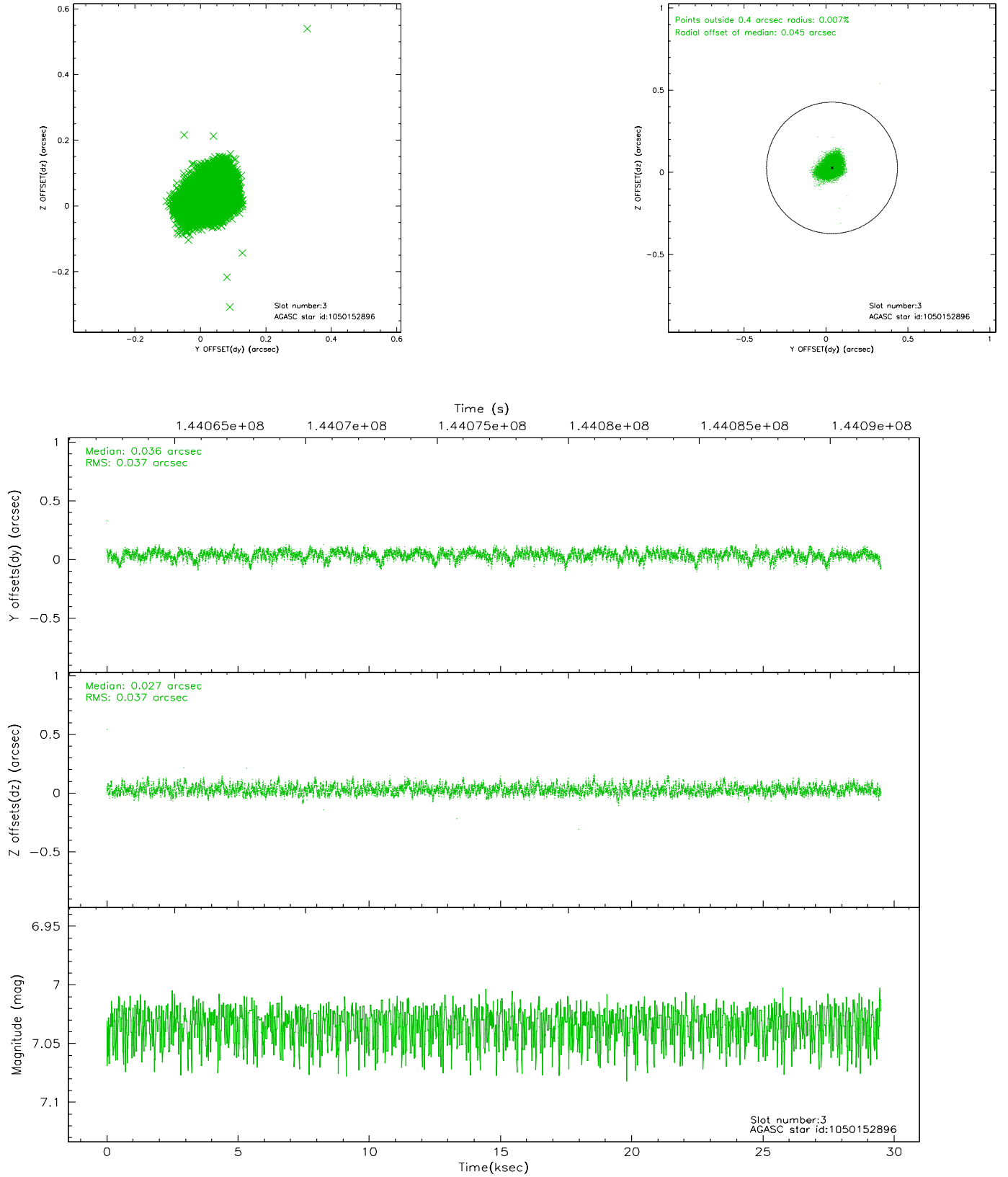
### Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.12	7194	-0.010	0.030	0.008	0.013	0.000000	0.000000	-755.60	-1728.02
1	FID	ACIS-S-4	7.20	7193	-0.053	-0.003	0.005	0.010	0.000000	0.000000	2157.59	180.37
2	FID	ACIS-S-5	7.24	7194	0.032	-0.018	0.009	0.014	0.000000	0.000000	-1808.31	174.09
3	GUIDE	1050152896	7.03	14388	0.036	0.027	0.055	0.091	348.012597	-43.987770	-291.72	-1014.06
4	GUIDE	1050153320	8.20	14387	-0.004	0.087	0.056	0.095	348.248017	-44.061220	-323.40	-1677.64
5	GUIDE	1050150016	9.26	14382	0.022	-0.104	0.084	0.133	346.895537	-43.920404	-1112.25	1772.57
6	GUIDE	1050153488	9.20	14381	-0.036	-0.034	0.072	0.117	347.145599	-43.014711	2160.96	2359.57
7	GUIDE	1050150808	9.96	14380	-0.020	0.025	0.113	0.179	348.126587	-44.416555	-1630.57	-1836.52

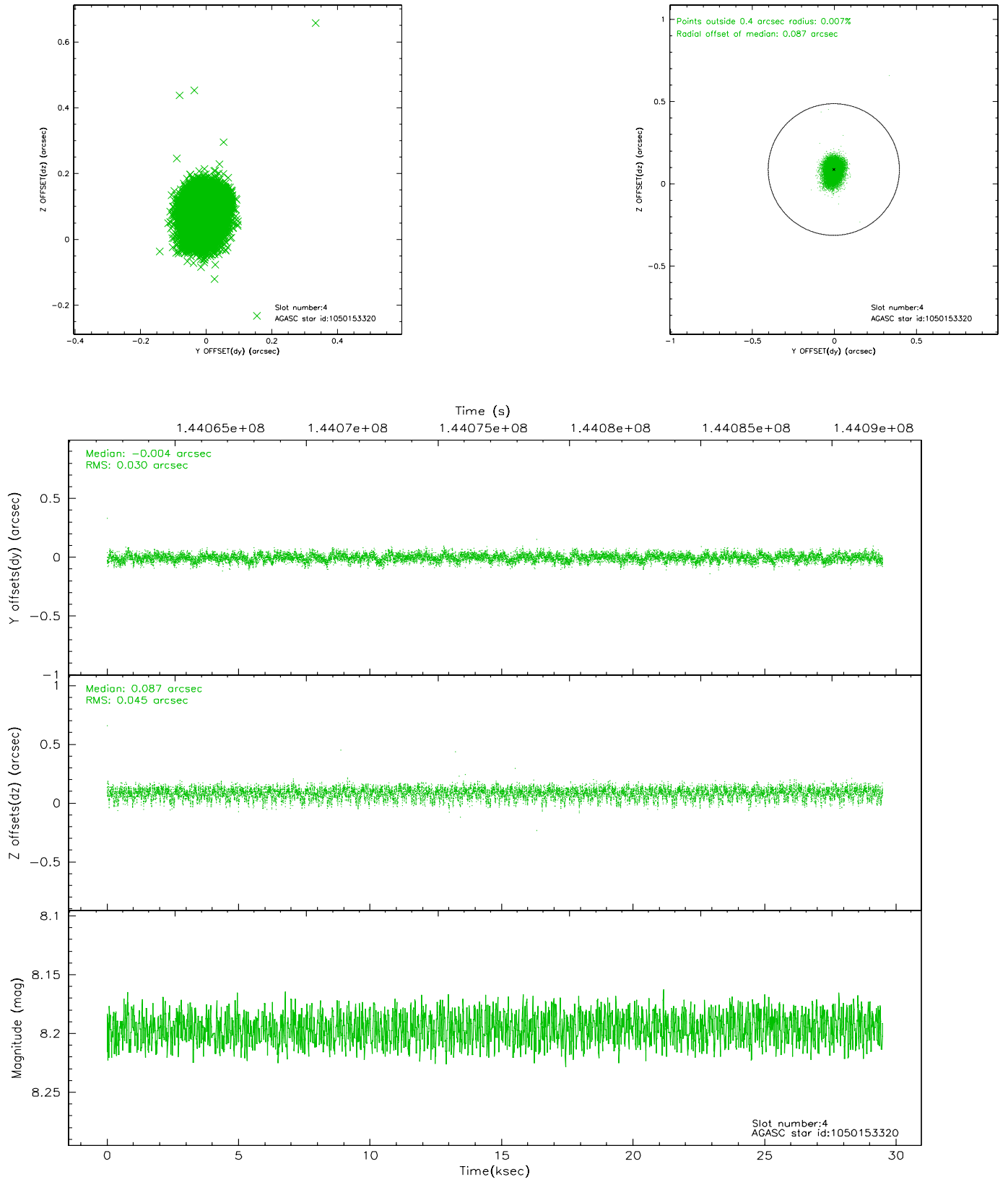


## 2.4 Star Slots

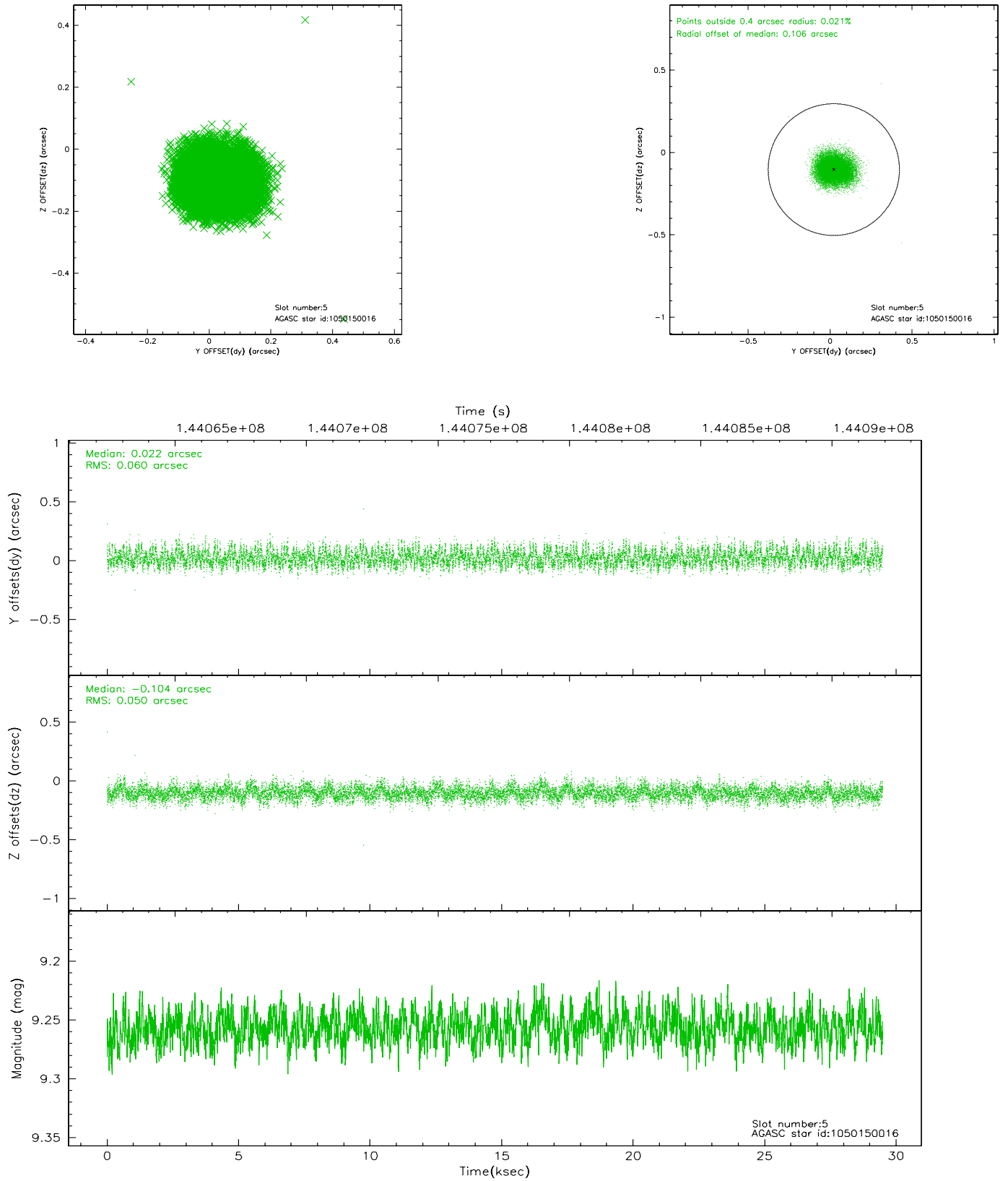
### 2.4.1 Slot 3



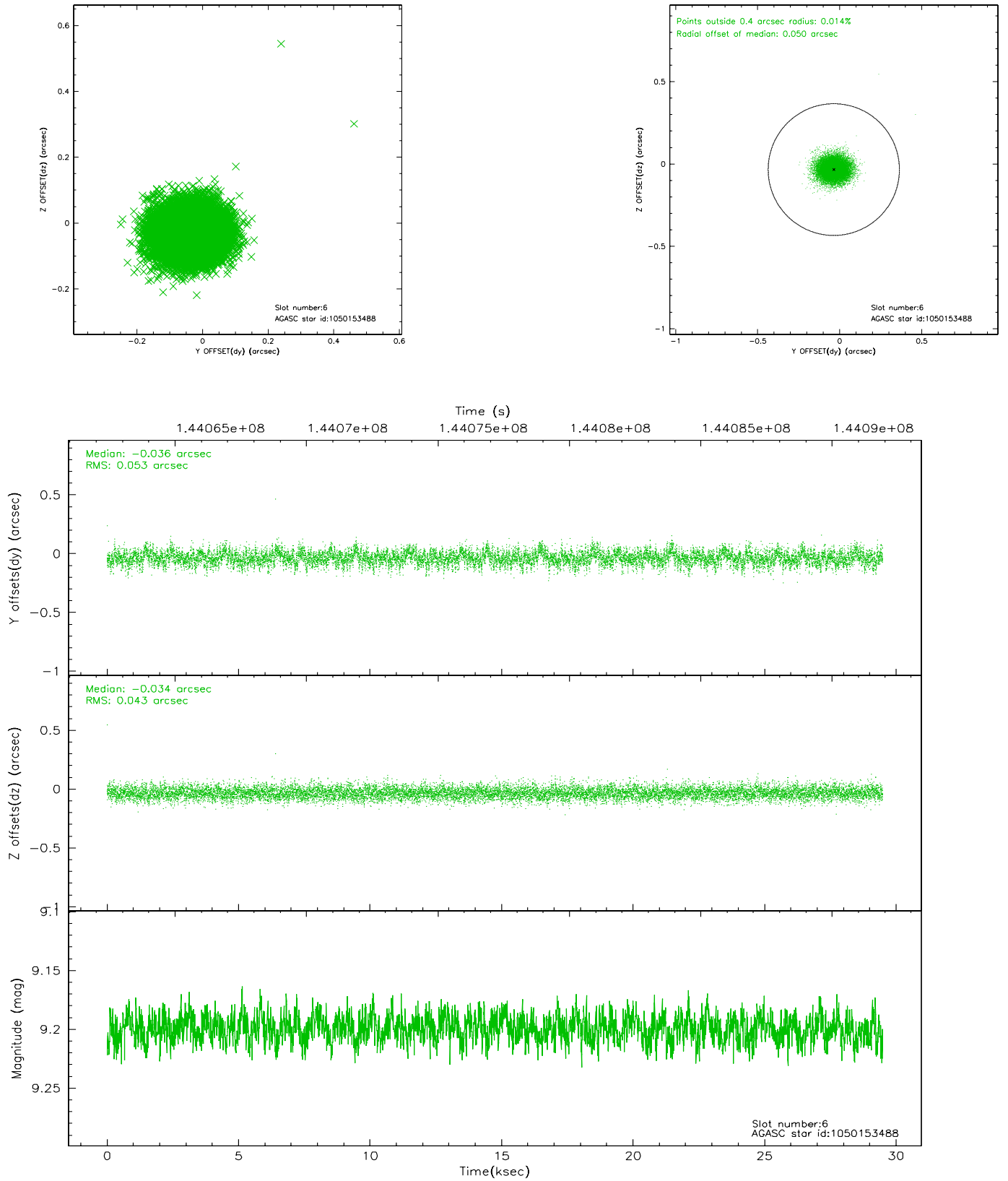
## 2.4.2 Slot 4



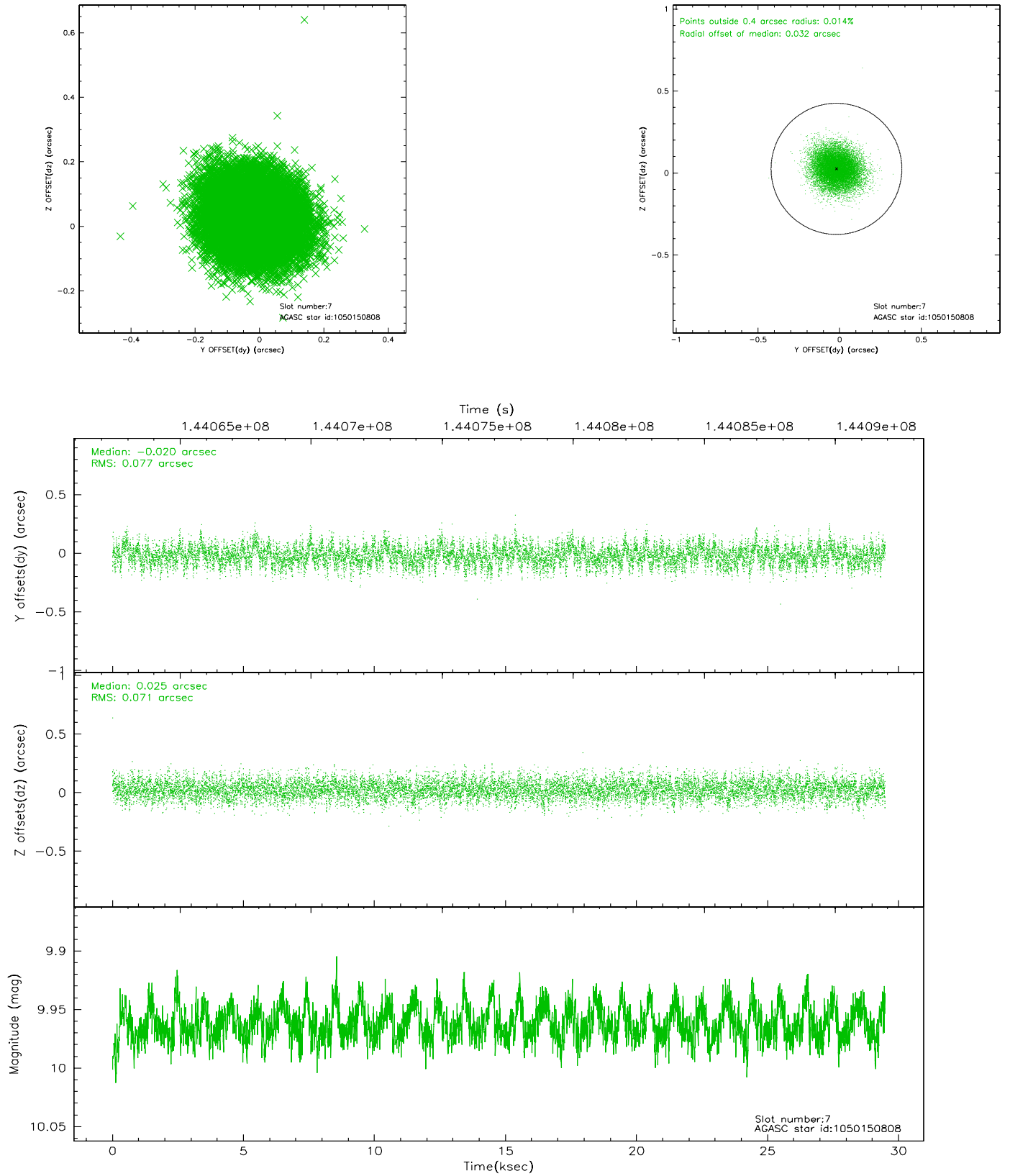
### 2.4.3 Slot 5



## 2.4.4 Slot 6

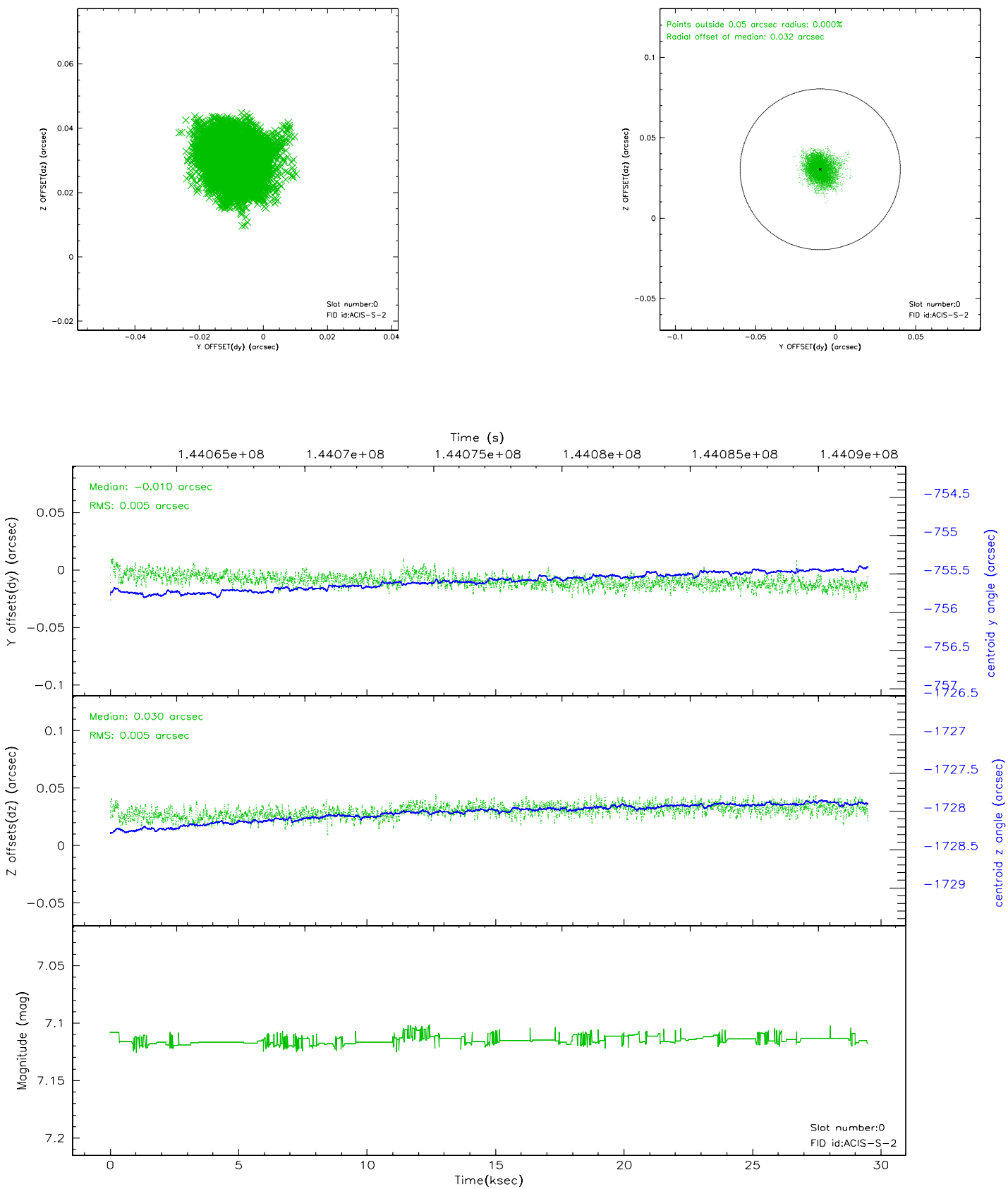


## 2.4.5 Slot 7

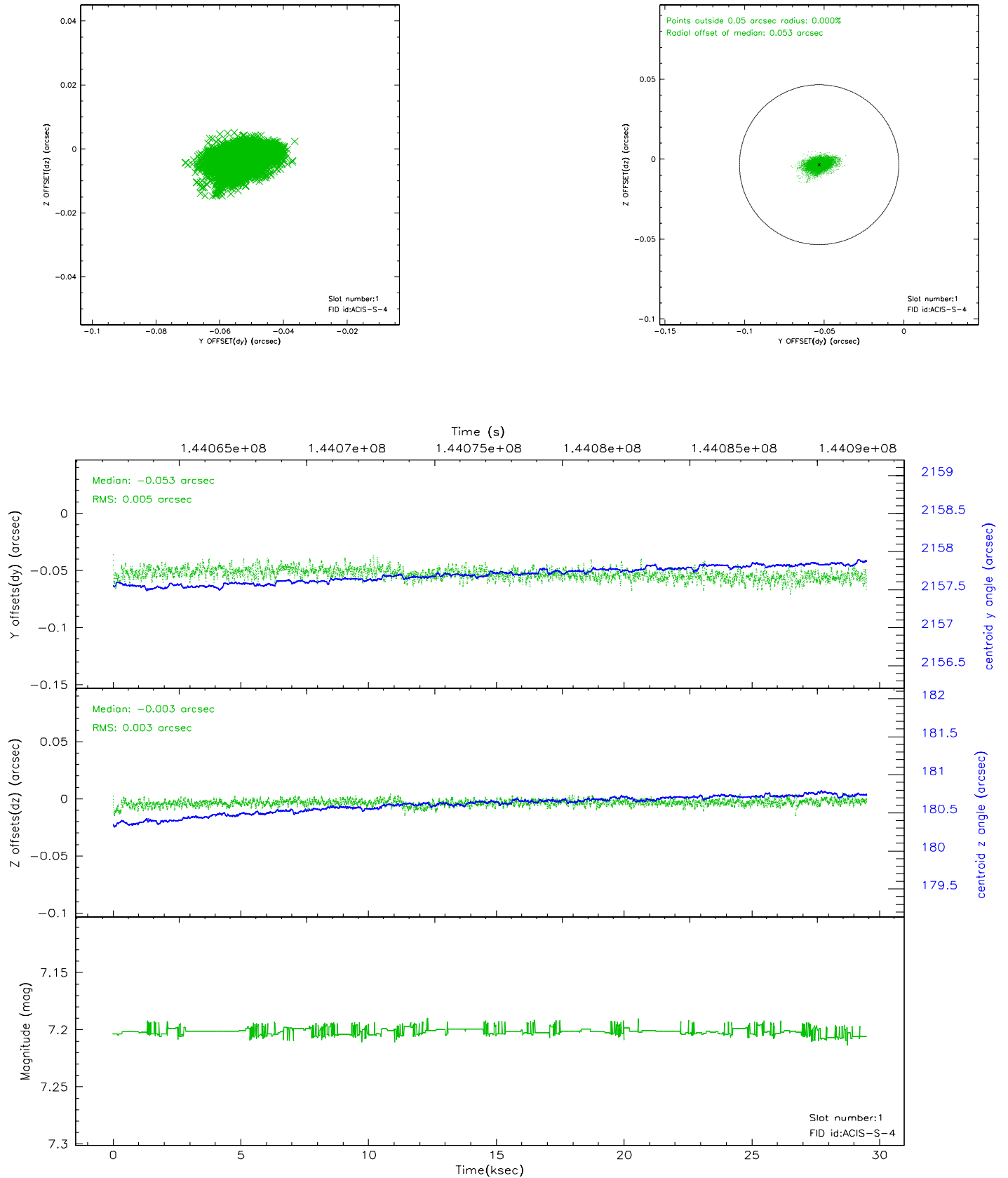


## 2.5 FID Slots

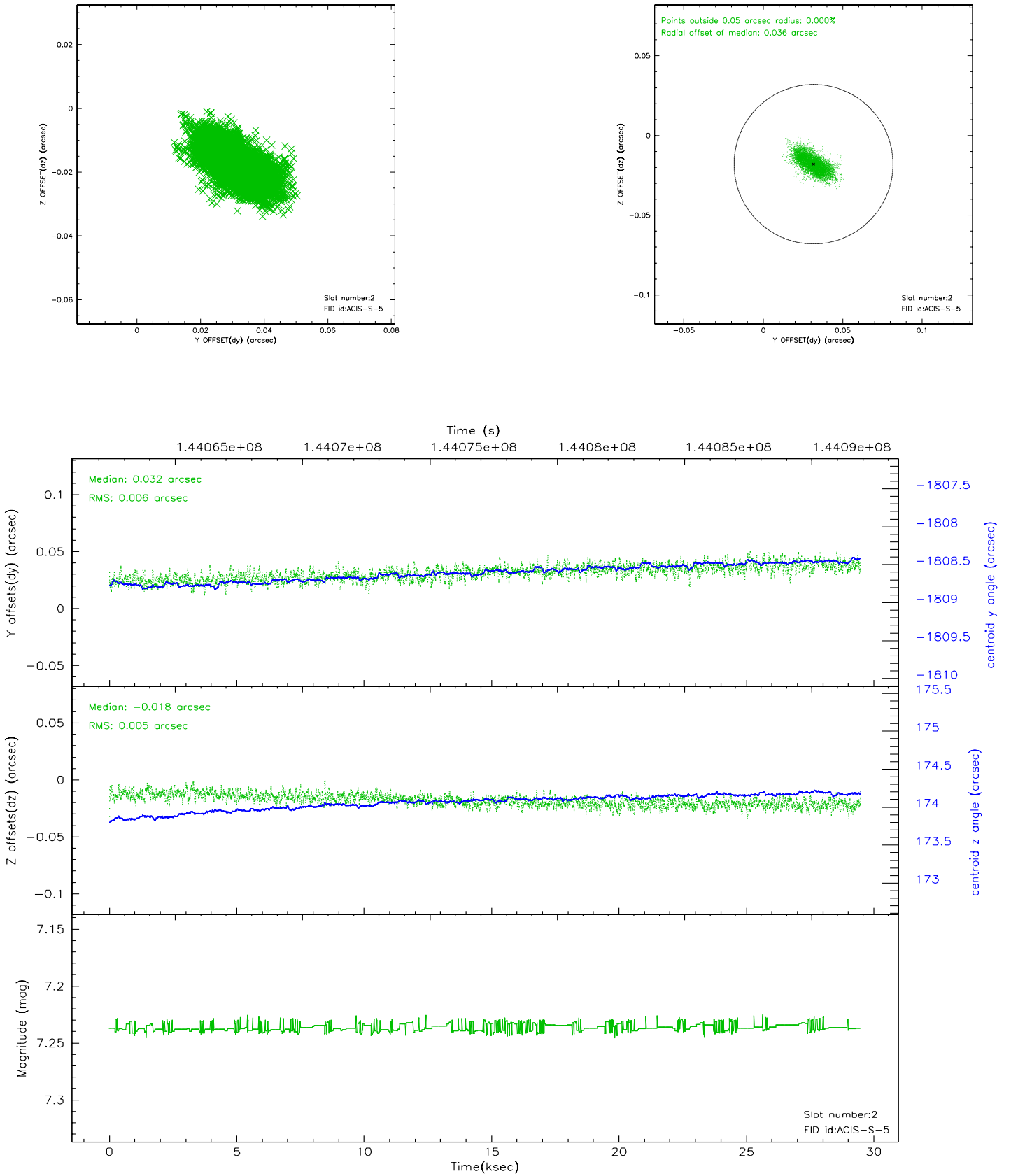
### 2.5.1 Slot 0



## 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)	2006.09.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	29.492

### A.2 Comments