

# V&V Reference Report

## L2 ASCDS Version : 7.6.8

Observation 3997 - L2 Version 3  
Chandra X-Ray Center

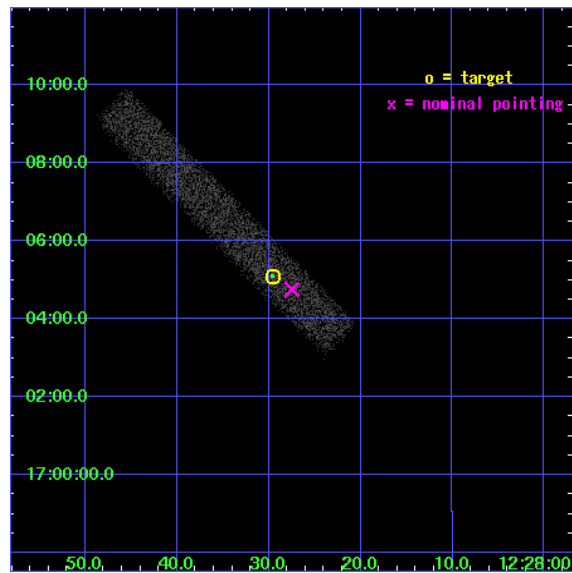
L2 Processing Date : Jan 14 2009

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# 1 Front

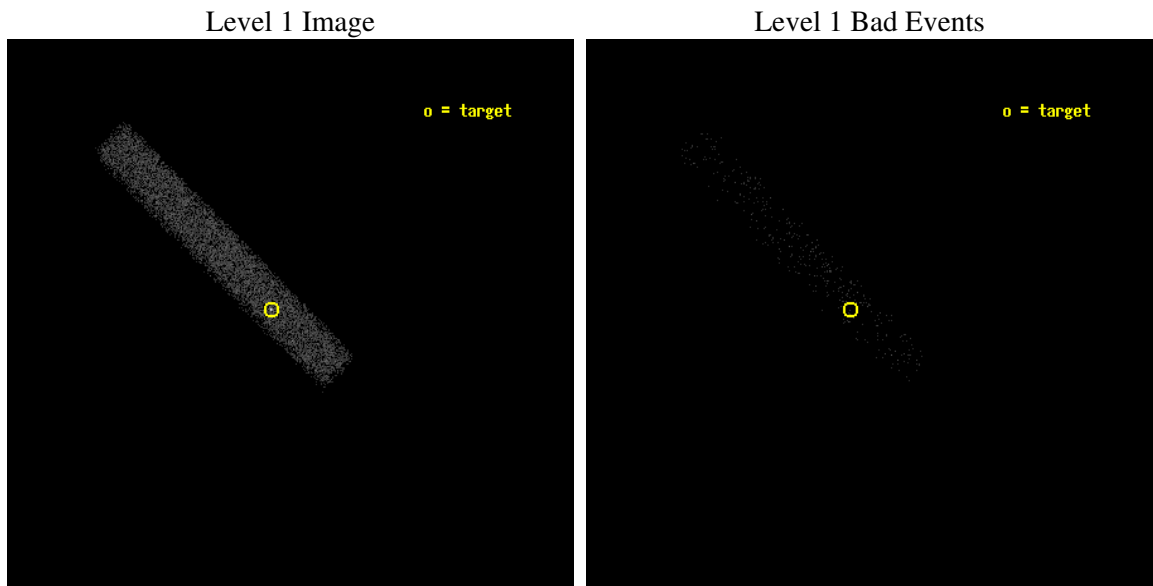
seq_num	700676
obs_id	3997
title	AN X-RAY SURVEY OF RADIO-SELECTED LOW-LUMINOSITY AGNS
observer	Dr. Yuichi Terashima
object	NGC 4450
dtcycle	0
cycle	P
ra_targ	187.122917
dec_targ	17.085
ra_nom	187.11461383126
dec_nom	17.079346098073
roll_nom	225.33456979353
revision	3
ontime	3697.2000550926
livetime	3353.1652957488
ontime7	3697.2000550926
l2events	8988



## 2 OBI

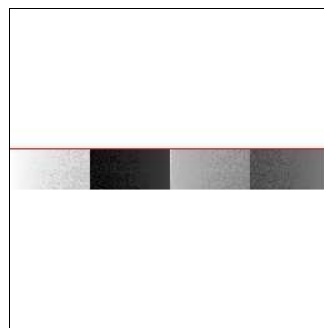
### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias

Chip 7



### 2.1.3 Parameters

obi_num	1
ascdsver	7.6.11.10
caldbver	3.5.1
date	2009-01-14T03:07:14
revision	3

sched_exp_time	4912.000000
ontime	3697.2000550926
ontime7	3697.2000550926
l1events	11849

### 2.1.4 Events

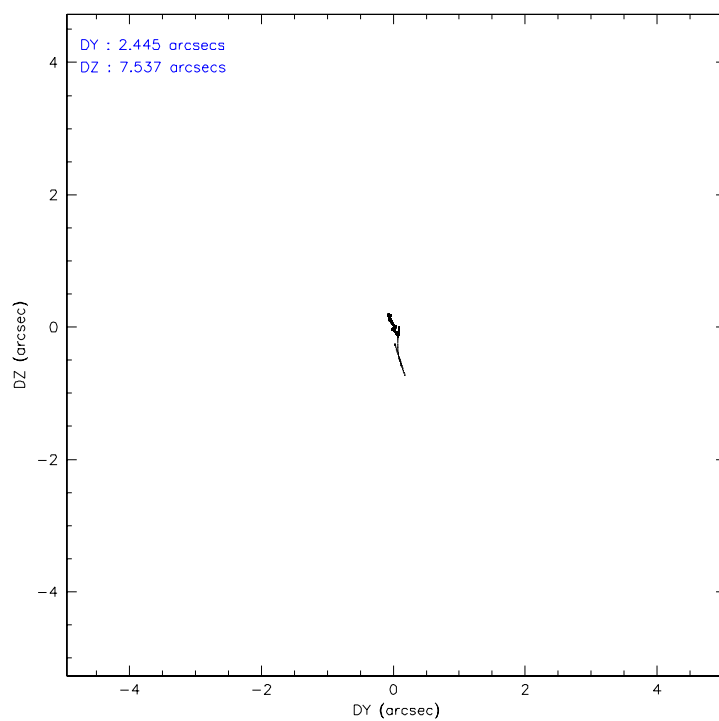
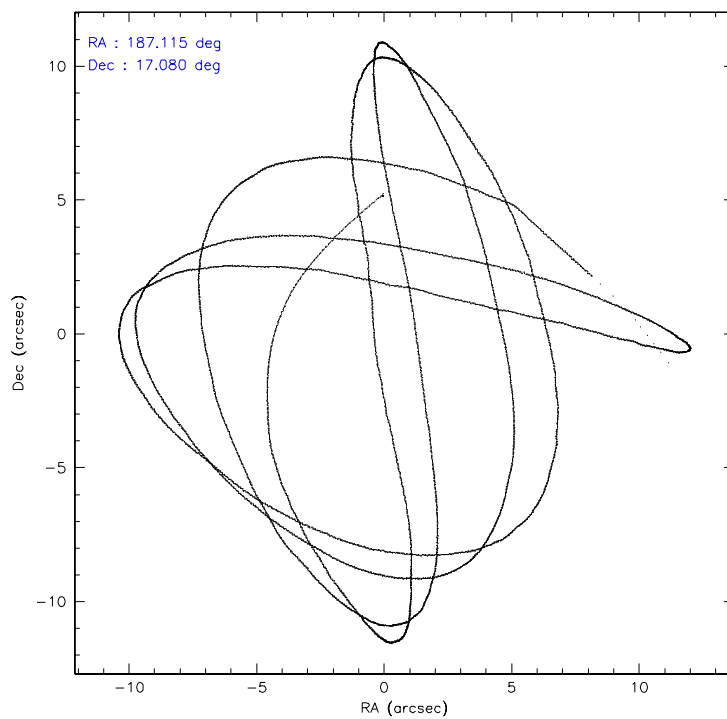
	<b>ccd 7</b>
level 1 events	11849
rejected events	2714
rejected %	22%

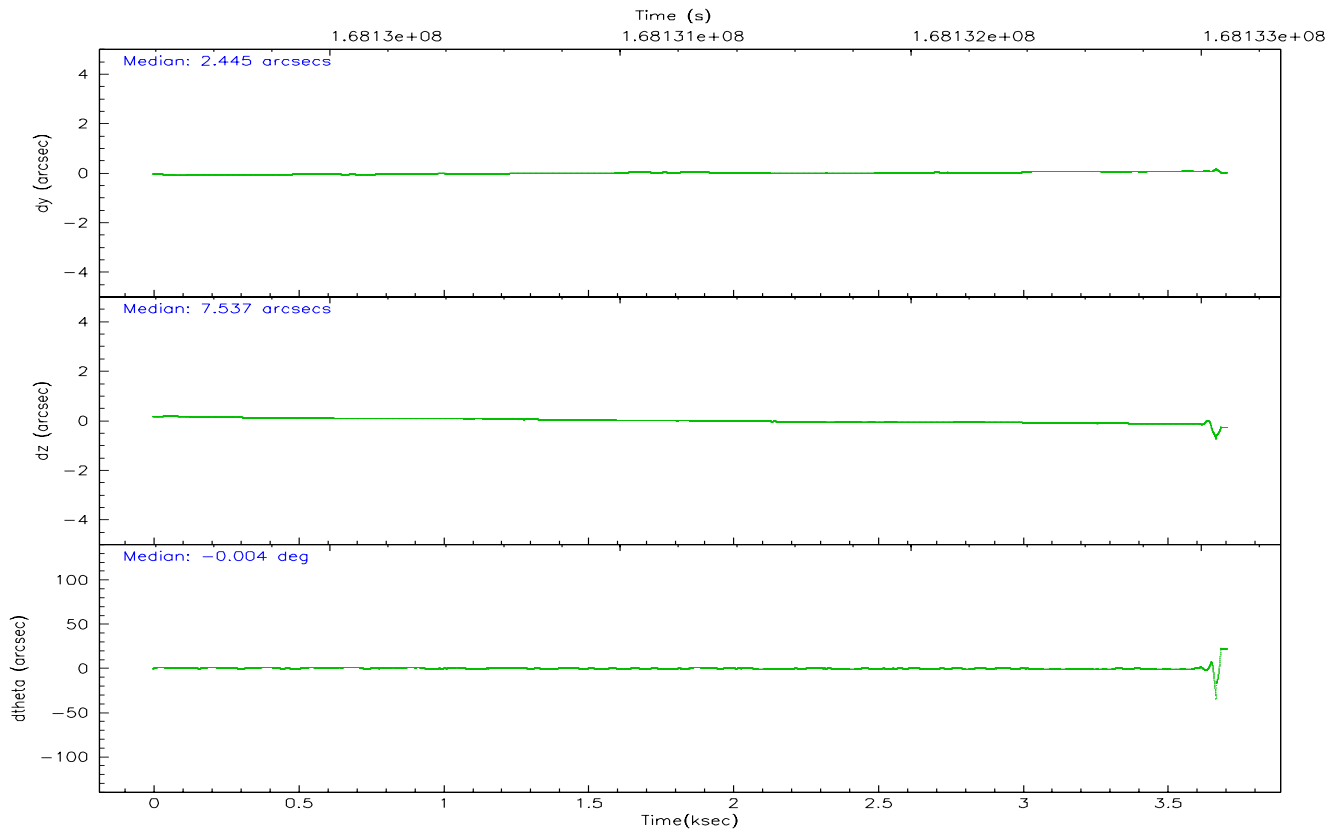
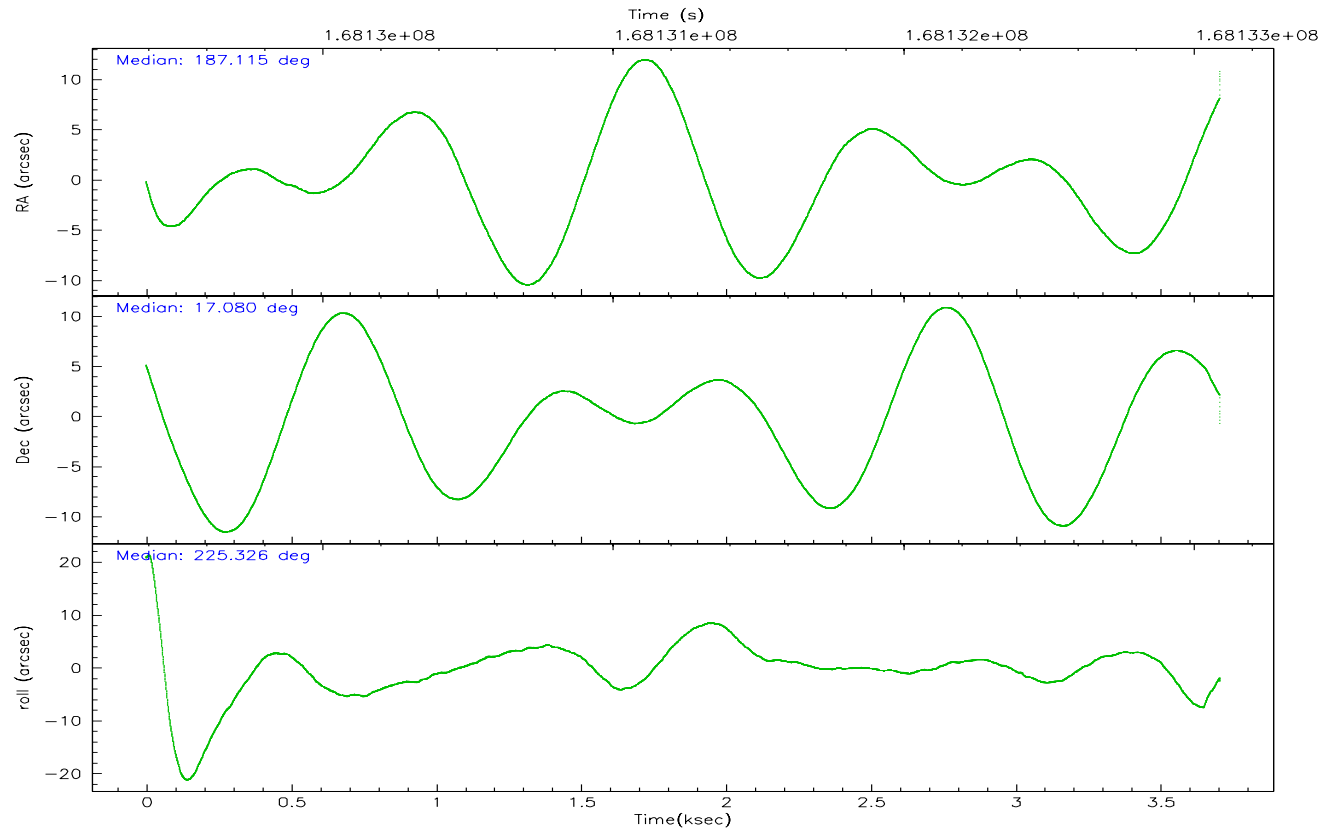
	<b>ccd 7</b>
grade 0 events	1212
	10%
grade 1 events	5
	0%
grade 2 events	1683
	14%
grade 3 events	865
	7%
grade 4 events	758
	6%
grade 5 events	449
	3%
grade 6 events	4783
	40%
grade 7 events	2094
	17%

## 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	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	1/8	1/8
Pointing RA	187.121493	187.1146138312644	Subarray start row	0	449
Pointing Dec	17.105856	17.07934609807326	Subarray row count	1024	128
Pointing Roll	225.175720	225.334569793534	Alternating exposures requested	N	N
SIM focus pos (mm)	-0.684267	-0.6828225247311905	Primary exposure time	0.000000	0.4
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1425803651734			
SIM translation stage offset (mm)	0	0.01005778216563158			
Observation start time	168130169.184000	168128906.62814			
Observation start date	2003-04-30T22:48:25	2003-04-30T22:28:26			
Observation end time	168135081.184000	168133113.74082			
Observation end date	2003-05-01T00:10:17	2003-04-30T23:38:33			
Read mode	TIMED	TIMED			

## 2.3 Aspect





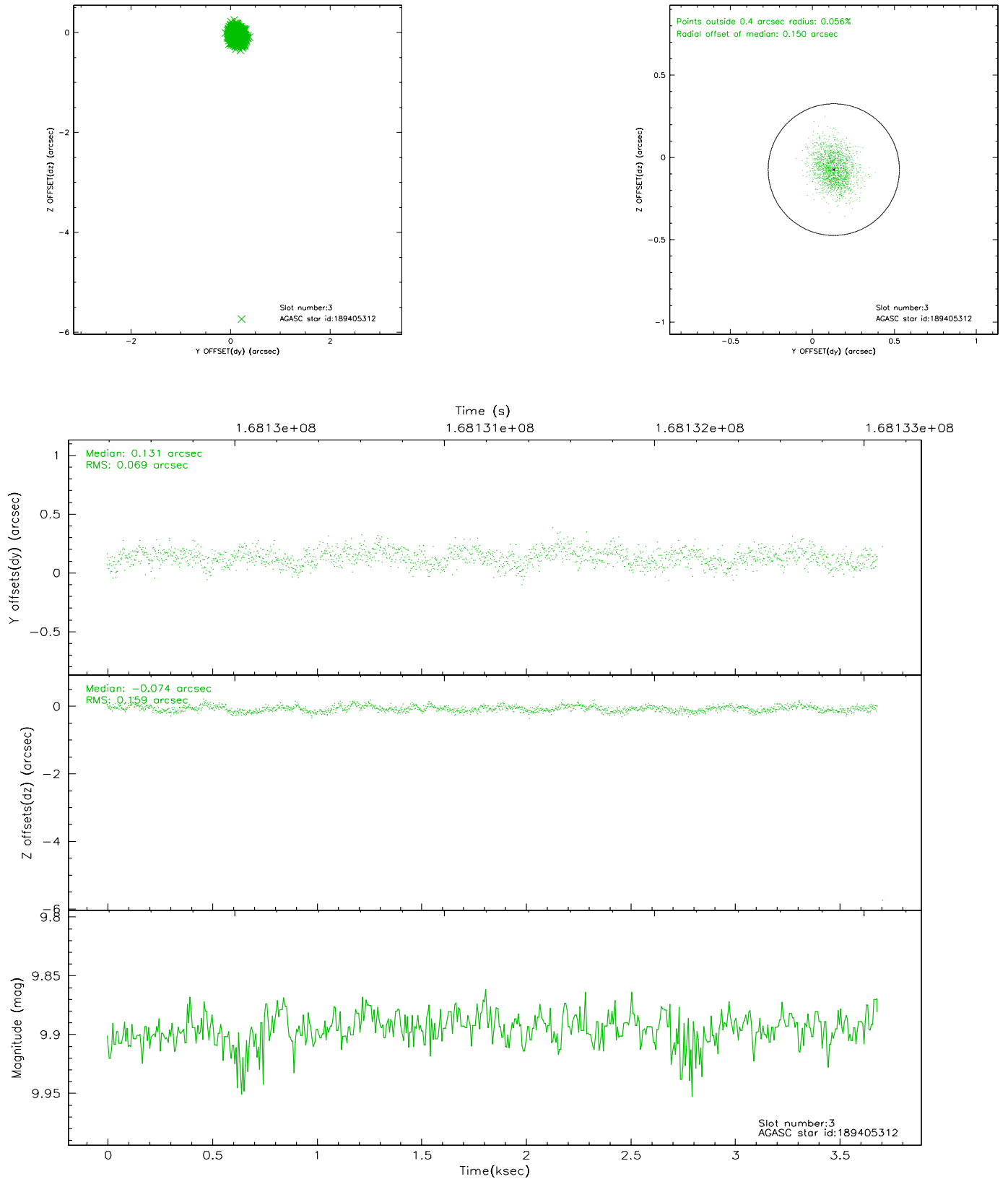
### Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	893	-0.022	-0.005	0.008	0.013	0.000000	0.000000	-755.10	-1728.68
1	FID	ACIS-S-4	7.21	895	-0.017	0.012	0.006	0.010	0.000000	0.000000	2157.41	178.05
2	FID	ACIS-S-5	7.24	892	0.008	0.002	0.006	0.010	0.000000	0.000000	-1805.69	173.66
3	GUIDE	189405312	9.89	1789	0.131	-0.074	0.115	0.193	186.879292	17.292641	109.82	-1064.60
4	GUIDE	189406520	7.84	1800	-0.064	0.004	0.064	0.099	187.149770	16.768407	792.60	925.28
5	GUIDE	189406736	10.39	1776	0.039	0.102	0.166	0.258	187.138812	16.565326	1338.37	1415.21
6	GUIDE	189408664	10.13	1799	0.006	0.068	0.127	0.199	187.335967	17.509082	-1548.27	-500.37
7	GUIDE	189405064	7.35	1799	-0.118	-0.095	0.054	0.092	186.887888	17.834342	-1296.84	-2417.30

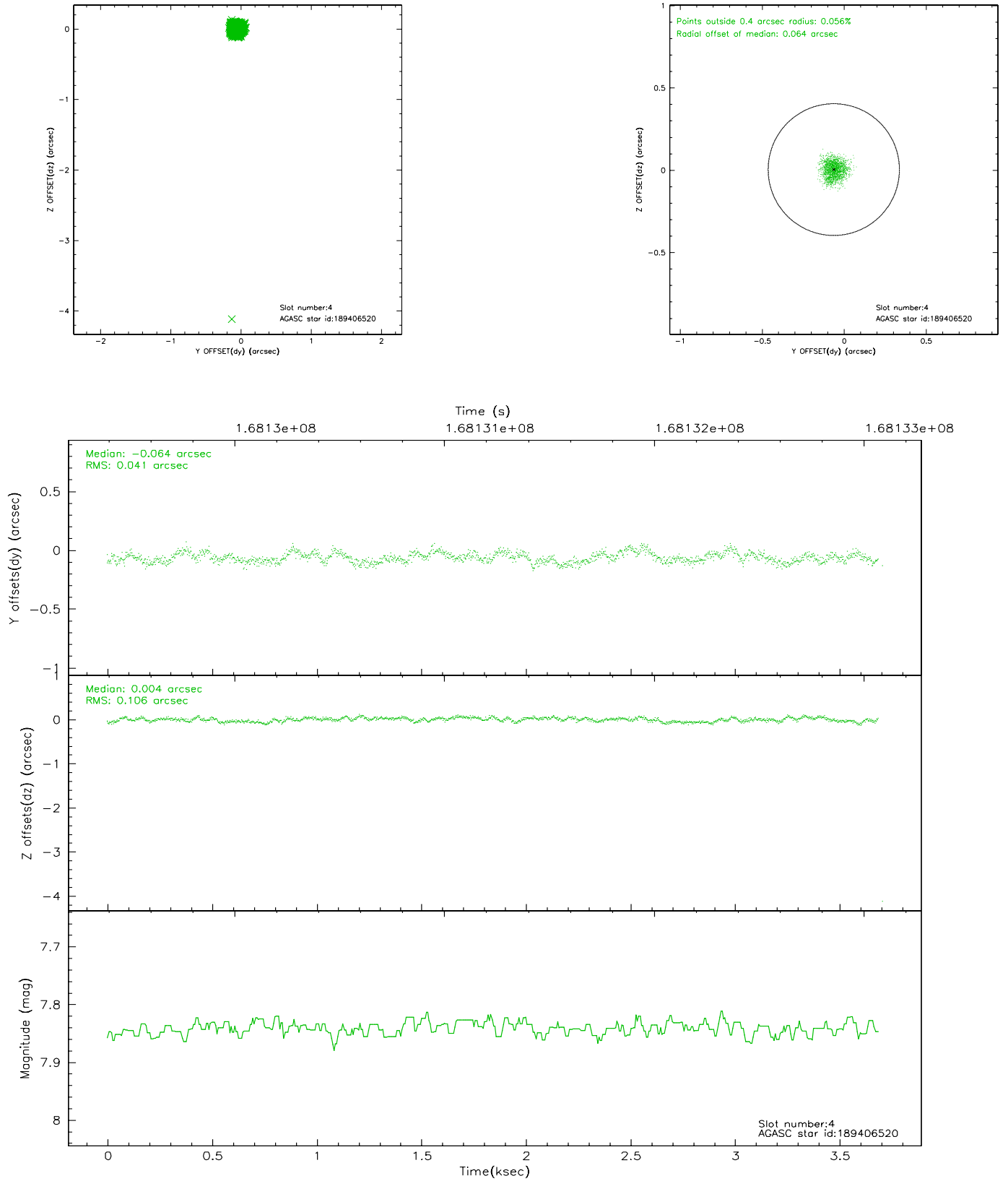


## 2.4 Star Slots

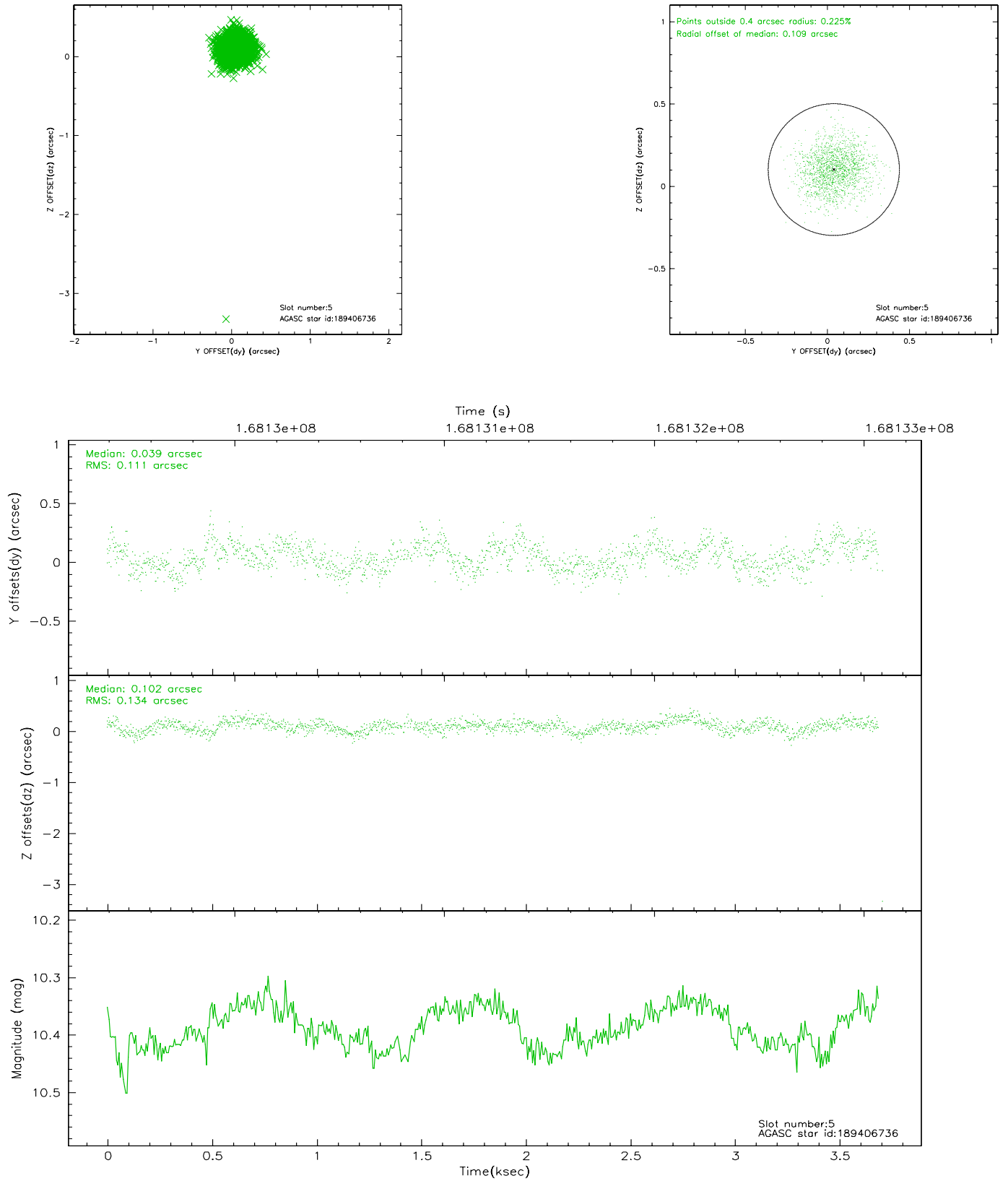
### 2.4.1 Slot 3



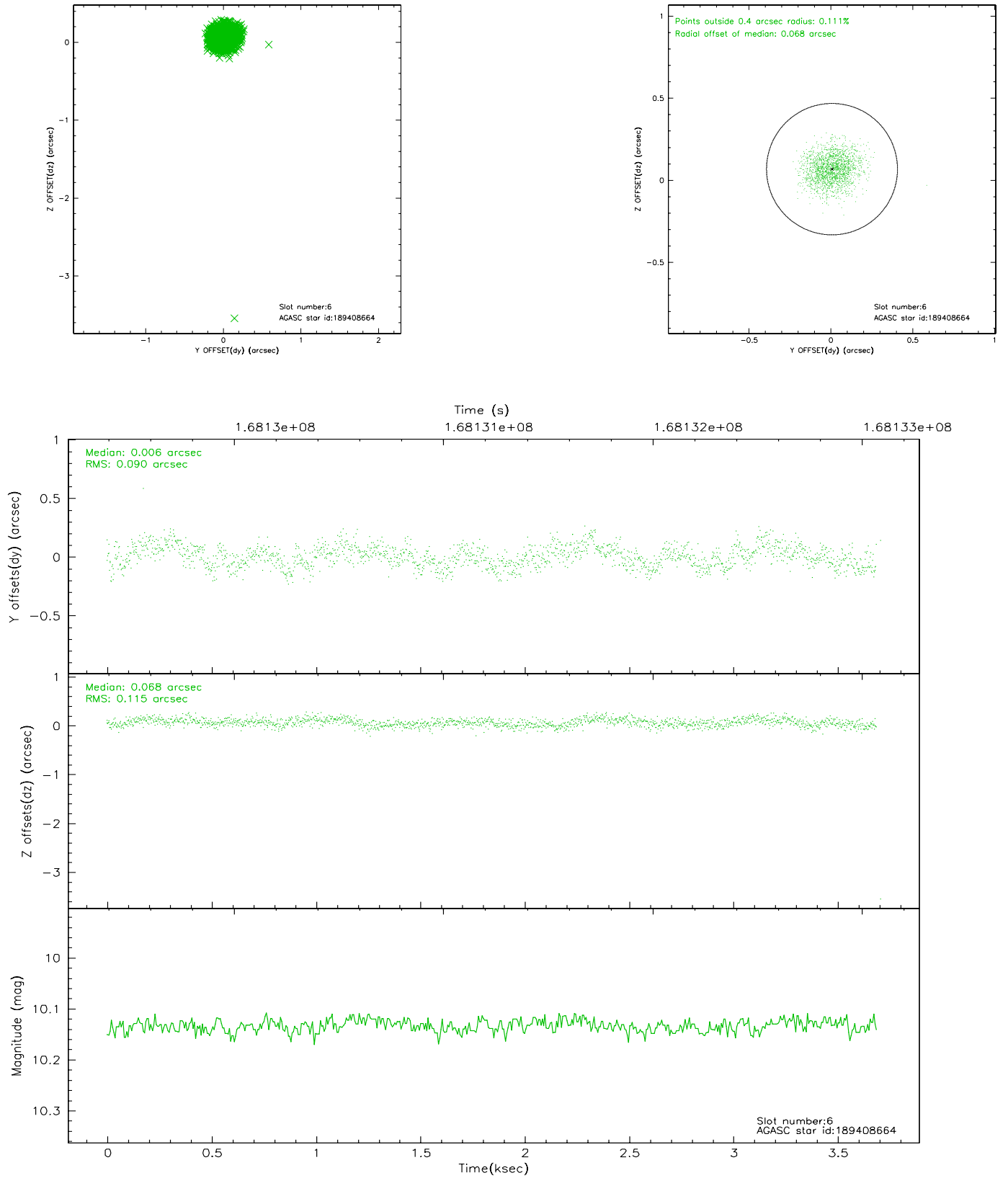
## 2.4.2 Slot 4



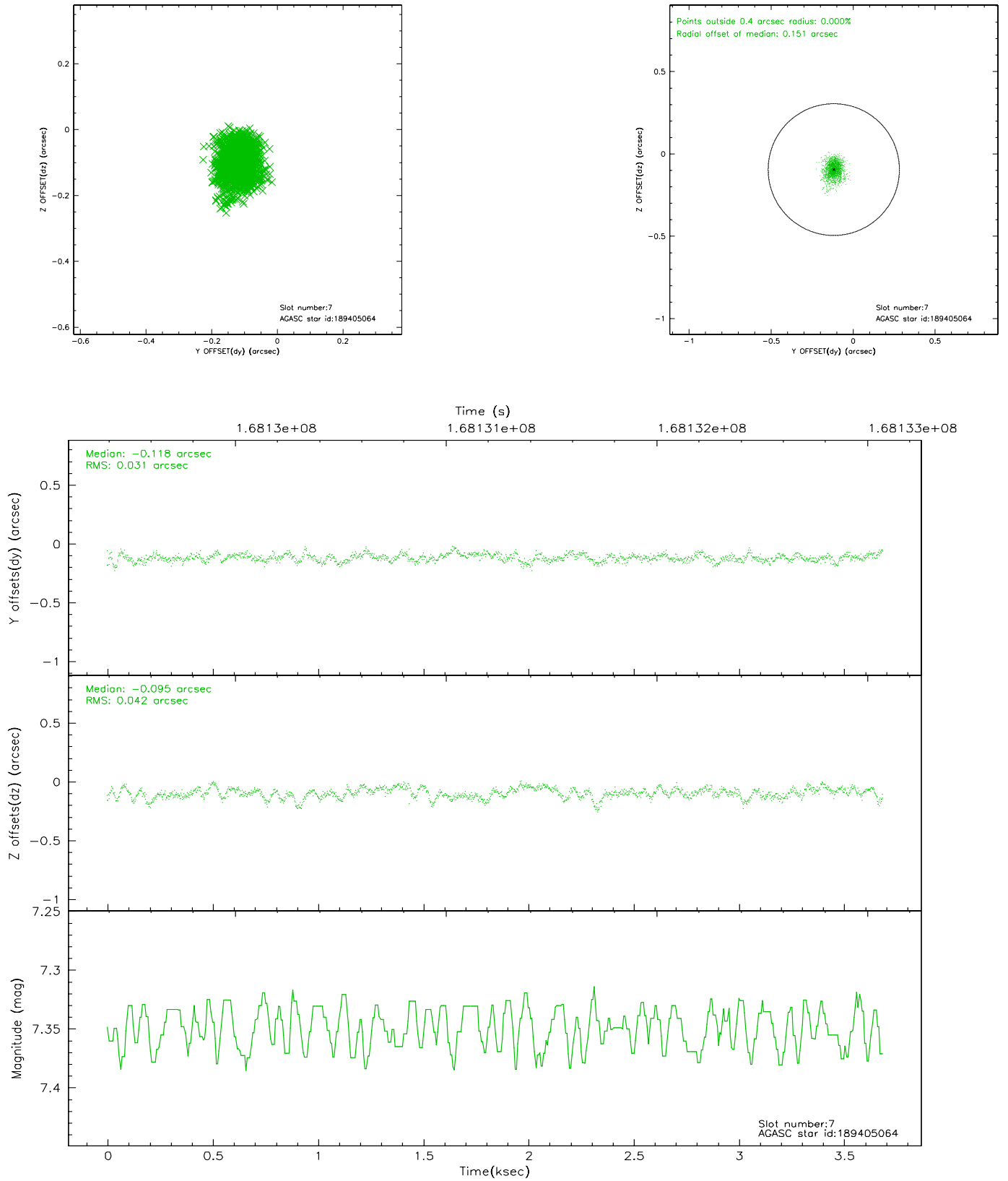
### 2.4.3 Slot 5



## 2.4.4 Slot 6

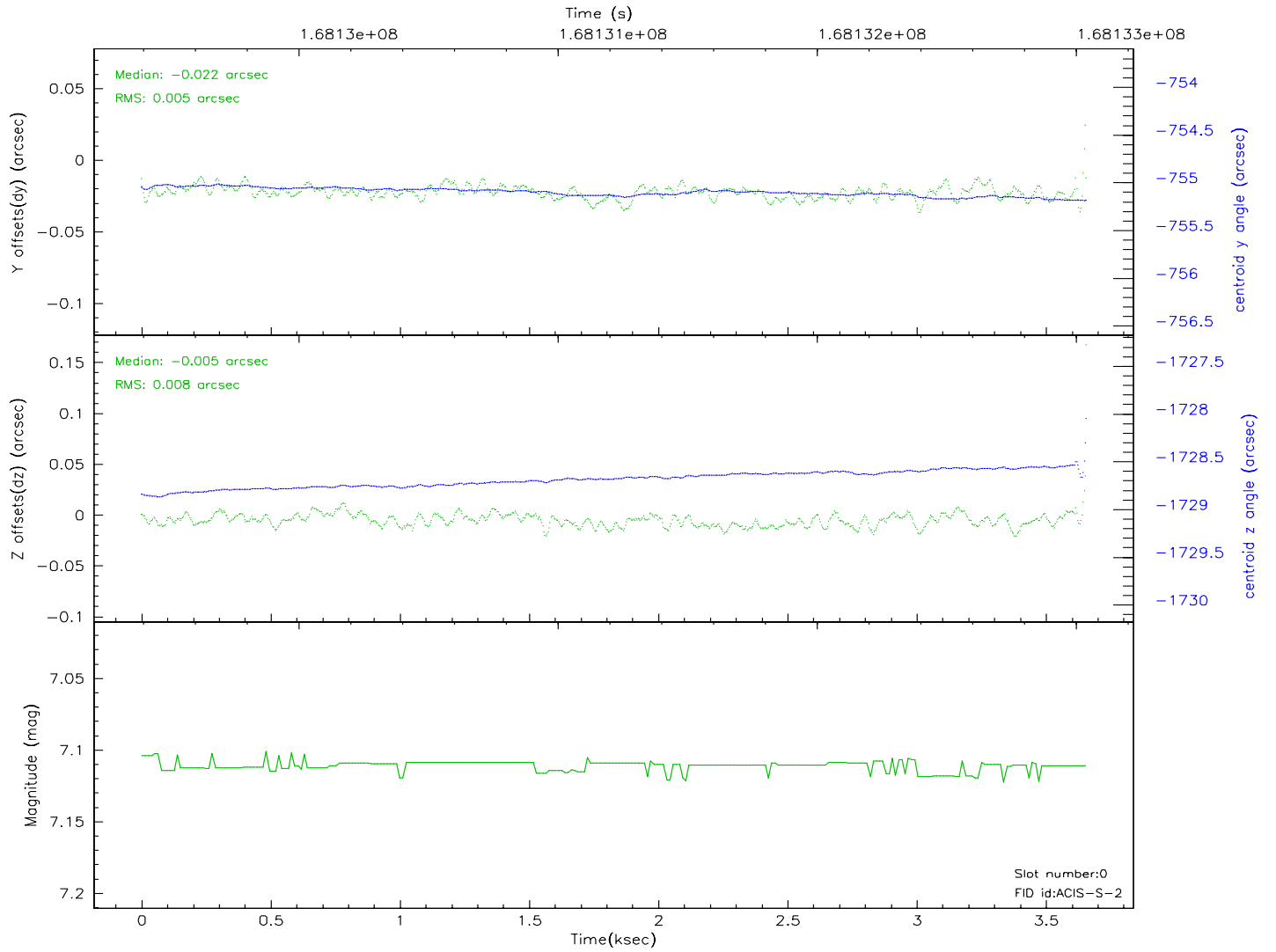
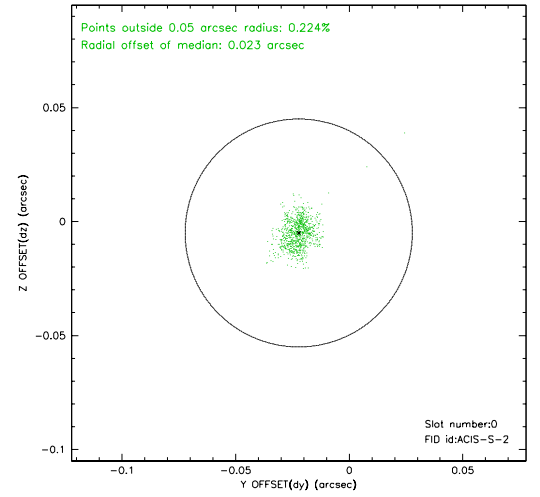
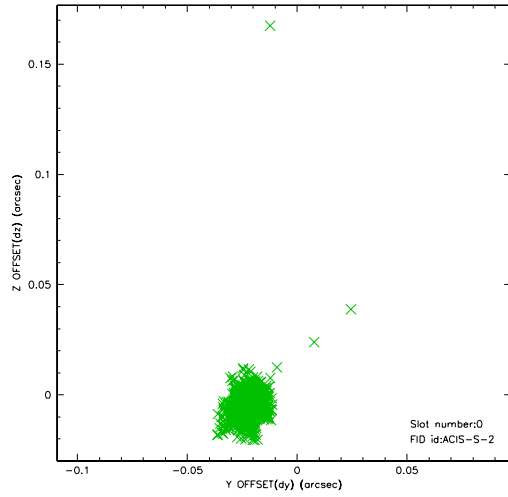


## 2.4.5 Slot 7

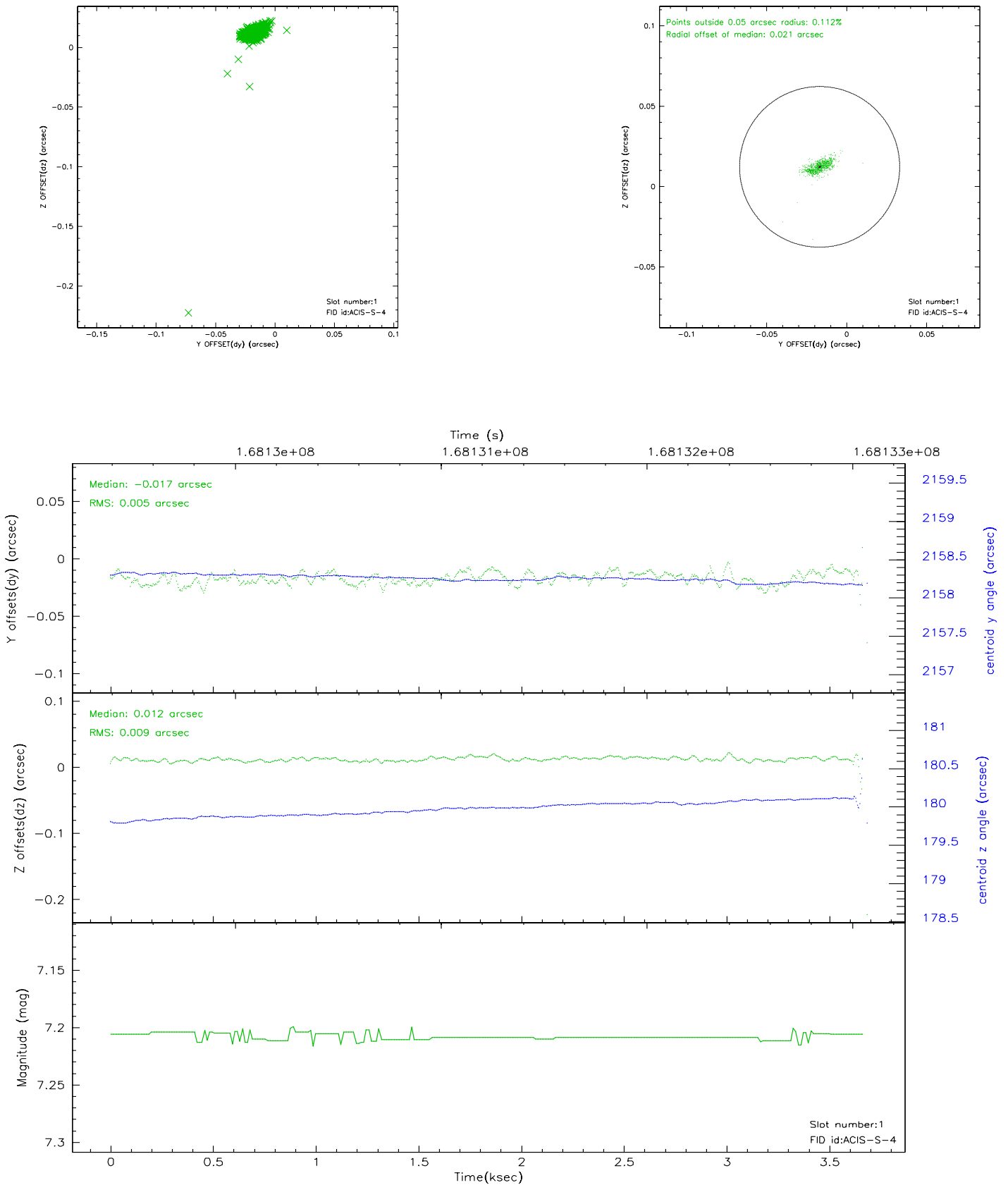


## 2.5 FID Slots

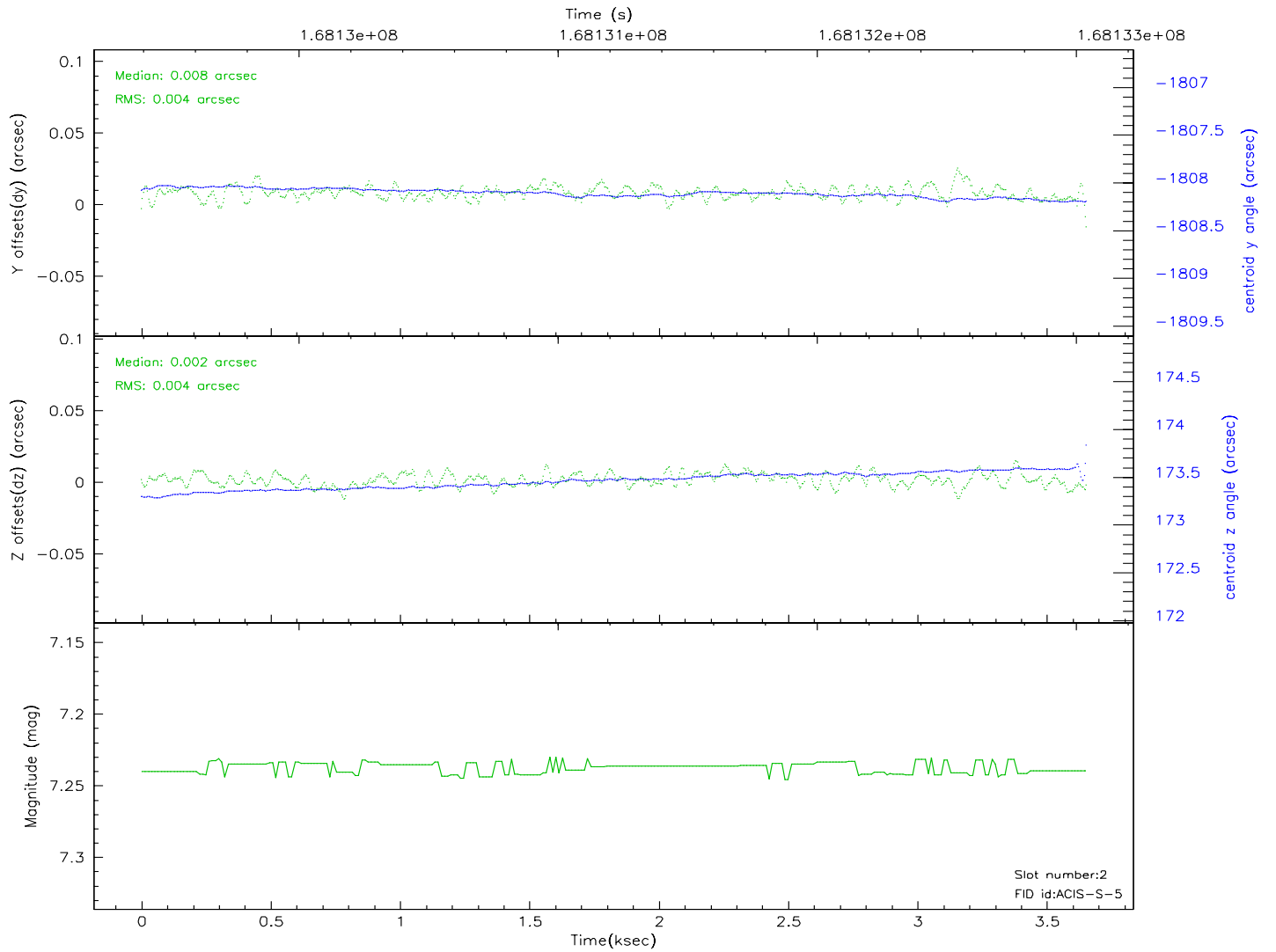
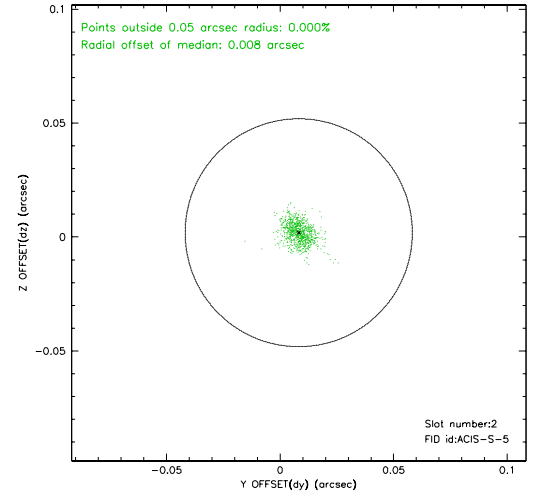
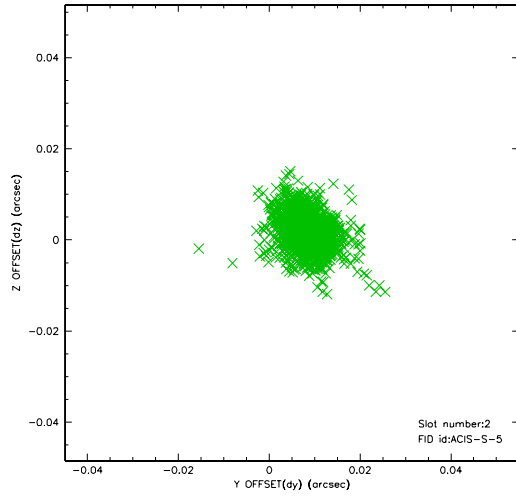
### 2.5.1 Slot 0



## 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)	2009.01.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.697

### A.2 Comments

This observation was interrupted by safing of the science instruments due to high solar radiation environment. The observation was interrupted at 2003:120:23:37:13.