

# V&V Reference Report

## L2 ASCDS Version : 7.6.8

Observation 3811 - L2 Version 001  
Chandra X-Ray Center

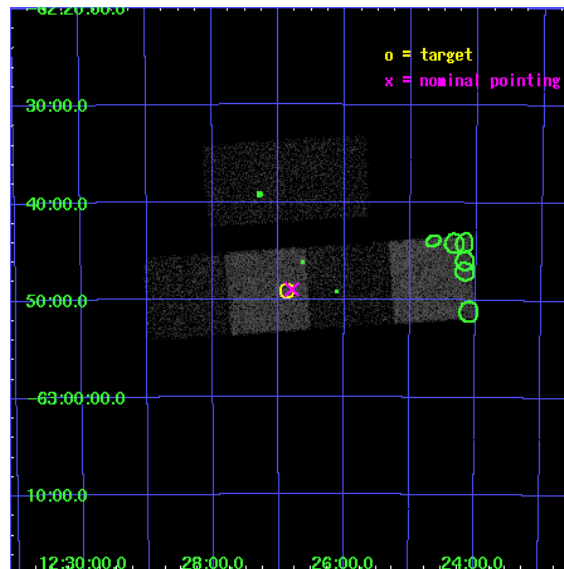
L2 Processing Date : Jul 1 2006

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# 1 Front

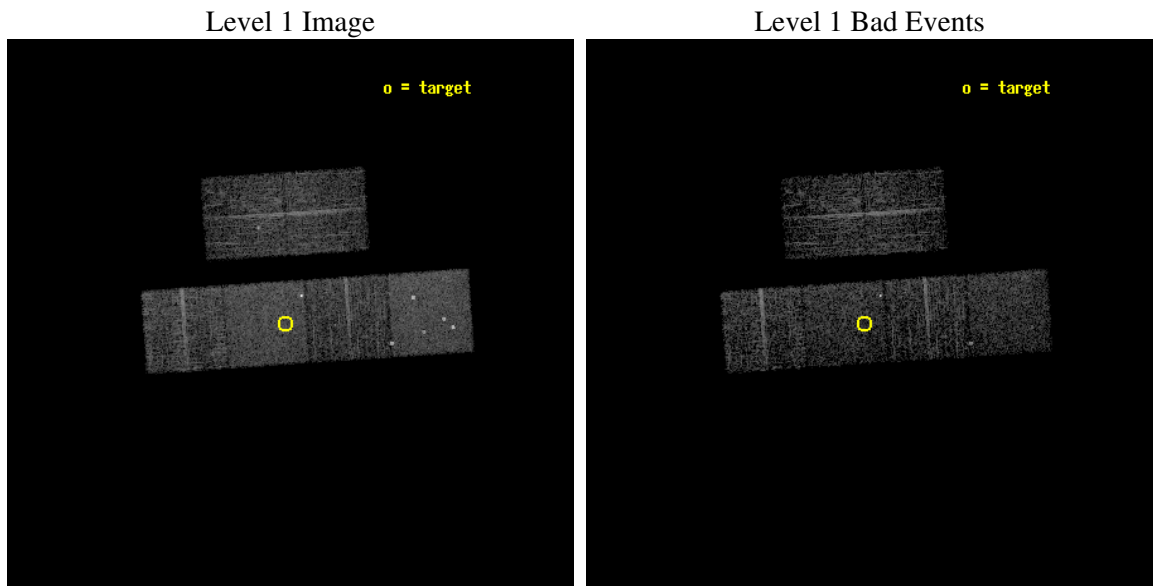
seq_num	400298
obs_id	3811
title	A CHANDRA SNAPSHOT OBSERVATION OF AX J1226.8--6249: A HIGH MASS X-RAY BINARY PRODUCING A BOW-SHOCK NEBULA ?
observer	Professor Stephen Eikenberry
object	AX J1226.8-6249
dtcycle	0
cycle	P
ra_targ	186.72
dec_targ	-62.818611
ra_nom	186.69937644421
dec_nom	-62.81618607071
roll_nom	176.11799222988
revision	2
ontime	3030.3999887109
livetime	2992.027239366
ontime2	3030.3999887109
ontime3	3030.3999887109
ontime5	3030.3999887109
ontime6	3030.3999887109
ontime7	3030.3999887109
ontime8	3030.3999887109
l2events	33133



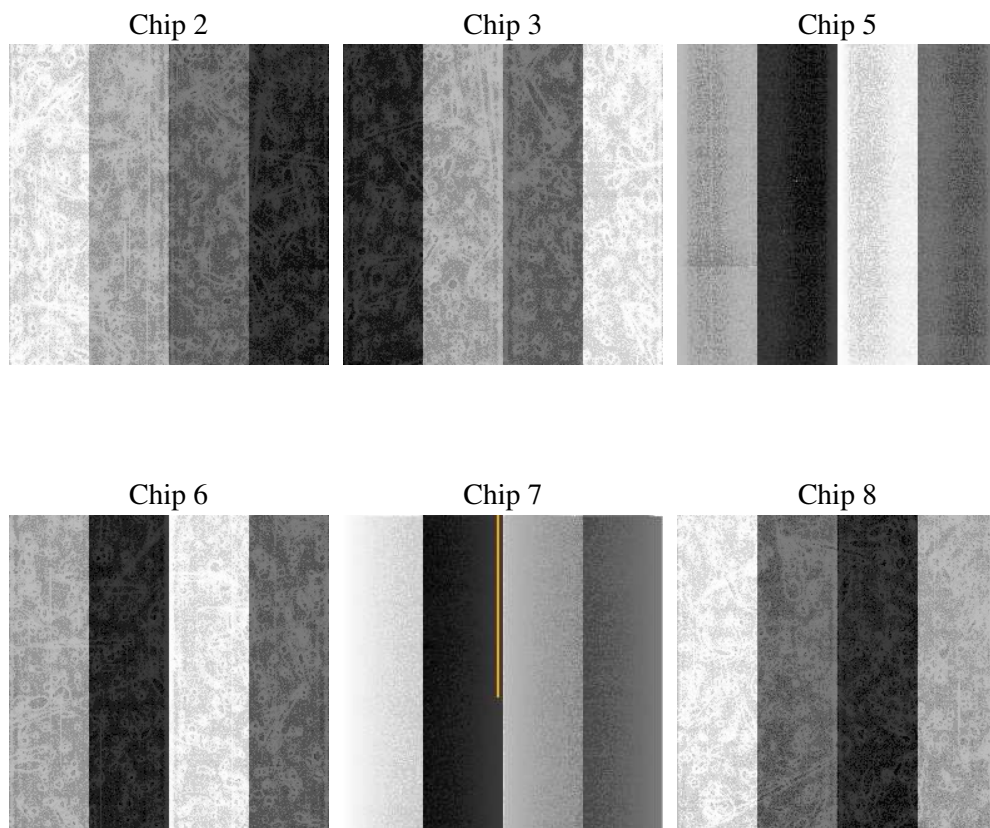
## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias



### 2.1.3 Parameters

obi_num	0
ascdsver	7.6.8
caldsver	3.2.2
date	2006-07-01T15:44:36
revision	2

sched_exp_time	3000.000000
ontime	3033.5768804252
ontime2	3033.5768604875
ontime3	3033.5768804252
ontime5	3033.5768804252
ontime6	3033.5768804252
ontime7	3033.5768804252
ontime8	3033.5768804252
l1events	147966

### 2.1.4 Events

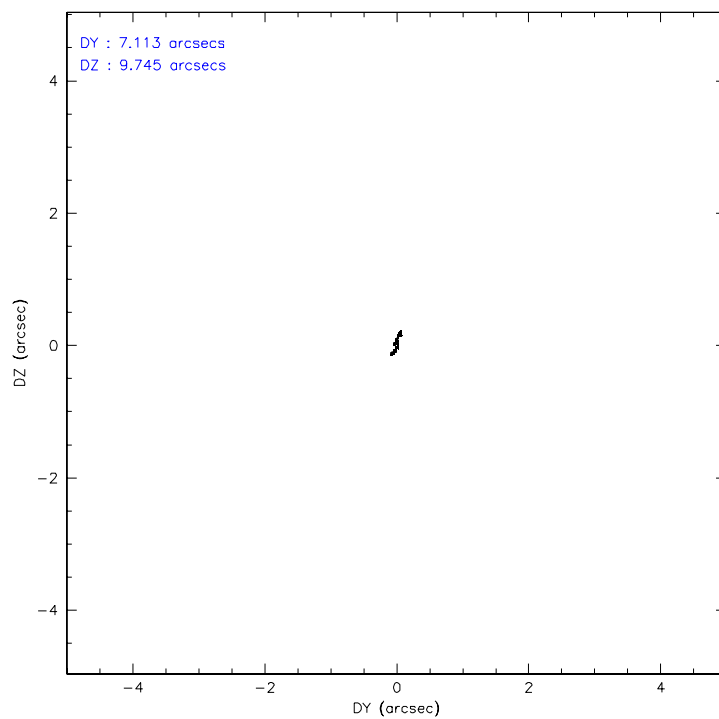
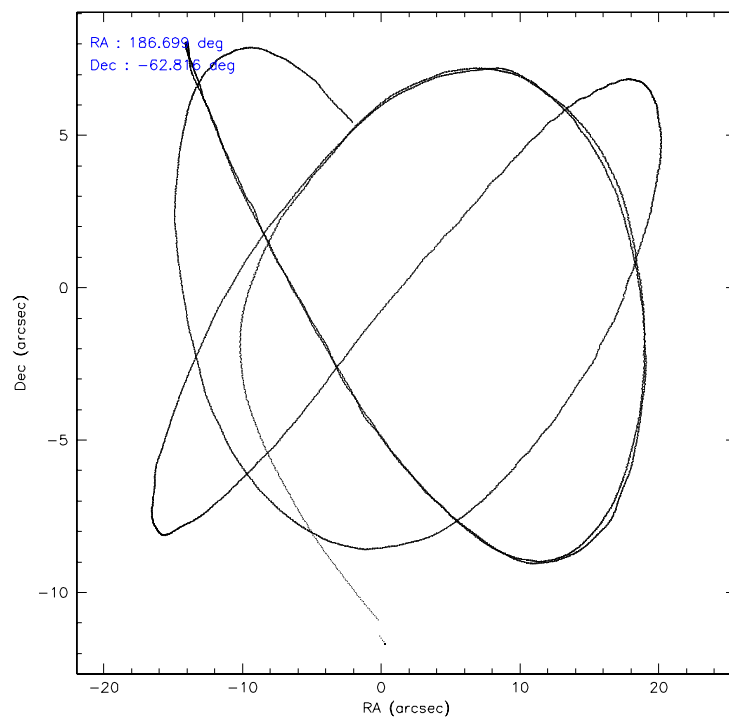
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	20692	20149	31855	20621	29081	25568
rejected events	18195	17503	16449	17919	17221	19995
rejected %	87%	86%	51%	86%	59%	78%

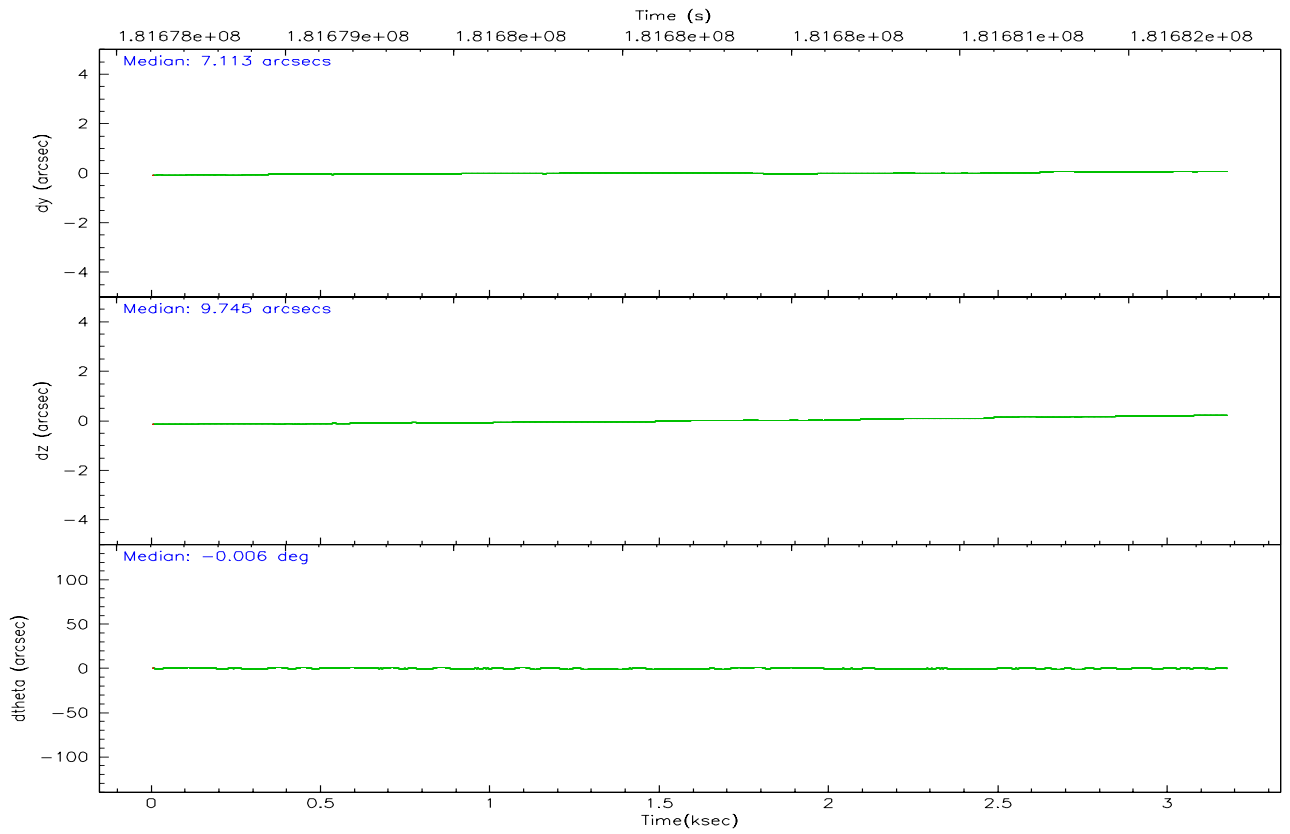
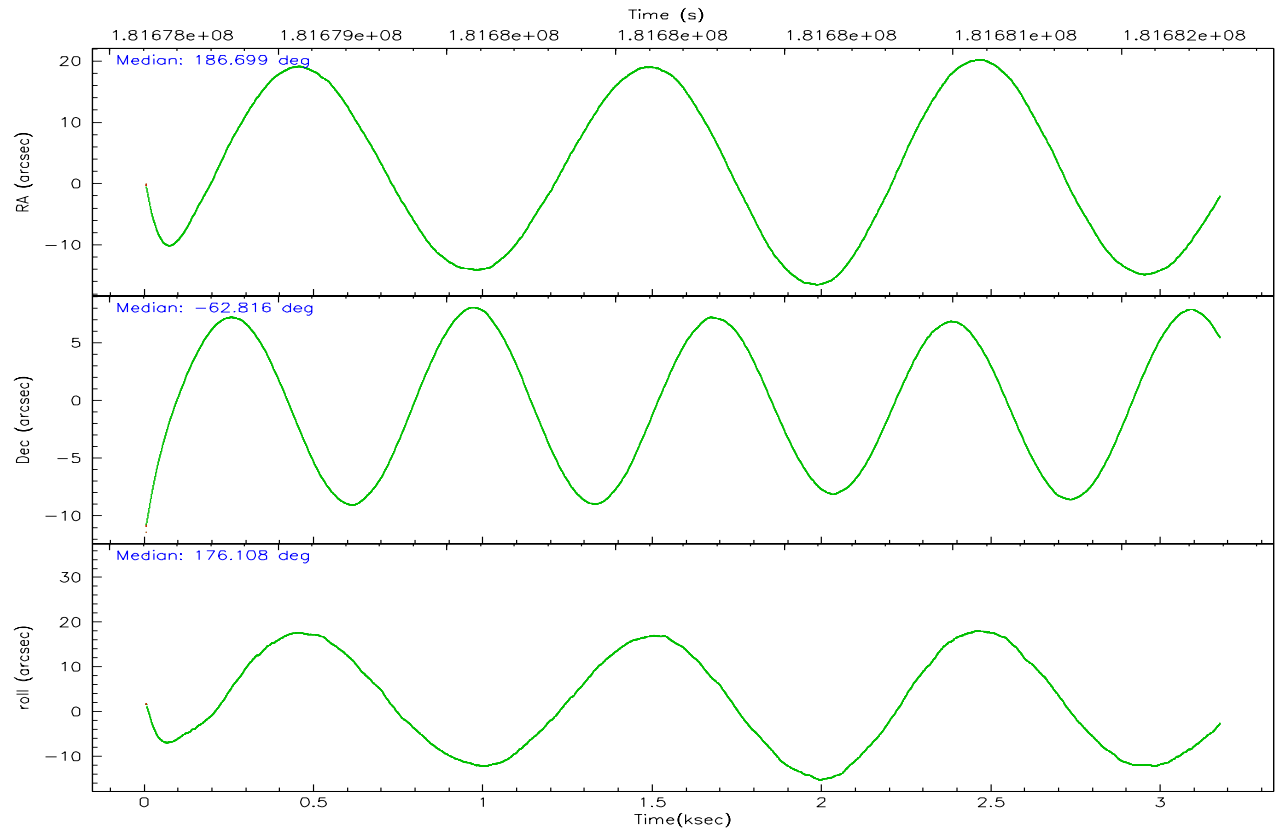
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	1130	1288	3009	1099	743	1908
	5%	6%	9%	5%	2%	7%
grade 1 events	13	12	233	12	22	18
	0%	0%	0%	0%	0%	0%
grade 2 events	523	431	4282	577	3047	1147
	2%	2%	13%	2%	10%	4%
grade 3 events	222	240	321	233	610	627
	1%	1%	1%	1%	2%	2%
grade 4 events	232	259	261	268	588	610
	1%	1%	0%	1%	2%	2%
grade 5 events	722	833	1450	926	1819	1115
	3%	4%	4%	4%	6%	4%
grade 6 events	391	431	7552	525	6886	1283
	1%	2%	23%	2%	23%	5%
grade 7 events	17459	16655	14747	16981	15366	18860
	84%	82%	46%	82%	52%	73%

## 2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-235678	ACIS-235678	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	186.752594	186.6993764442094	Alternating exposures requested	N	N
Pointing Dec	-62.803953	-62.81618607070992	Primary exposure time	0.000000	3.2
Pointing Roll	176.008709	176.1179922298806			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	181678784.184000	181677791.29305			
Observation start date	2003-10-04T18:18:40	2003-10-04T18:03:11			
Observation end time	181681784.184000	181682505.78075			
Observation end date	2003-10-04T19:08:40	2003-10-04T19:21:45			
Read mode	TIMED	TIMED			

## 2.3 Aspect





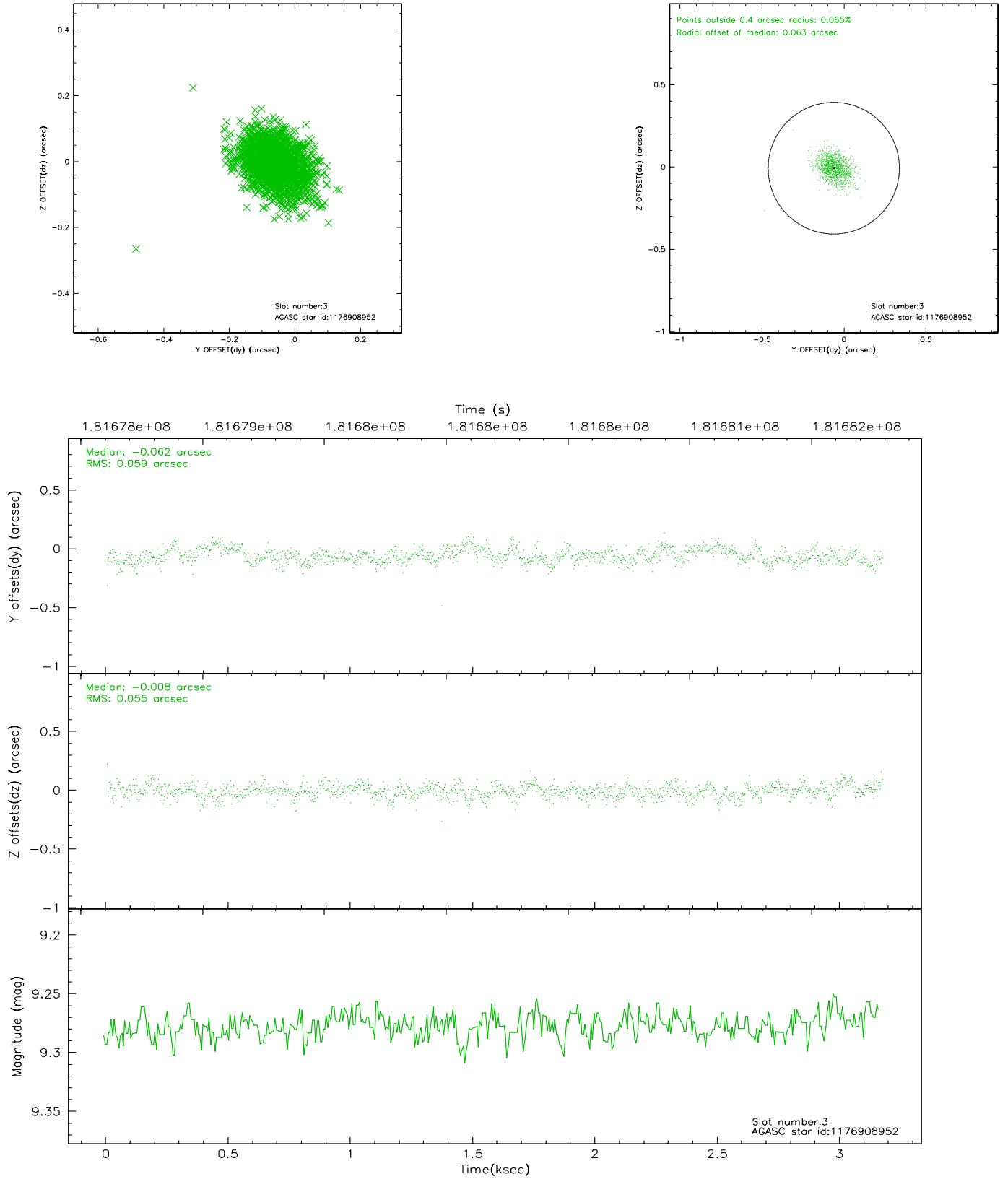
### Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.18	774	0.000	0.016	0.008	0.013	0.000000	0.000000	936.18	-1726.61
1	FID	ACIS-S-5	7.23	774	-0.007	0.015	0.006	0.010	0.000000	0.000000	-1811.71	168.87
2	FID	ACIS-S-6	7.34	774	-0.014	-0.020	0.010	0.016	0.000000	0.000000	399.54	815.07
3	GUIDE	1176908952	9.28	1548	-0.062	-0.008	0.085	0.137	187.105821	-63.349650	-706.10	1921.93
4	GUIDE	1176909928	9.30	1535	0.071	0.068	0.102	0.159	185.710247	-63.375063	1532.84	2183.66
5	GUIDE	1176910784	9.27	1547	-0.032	0.031	0.074	0.122	187.406095	-63.272390	-1172.58	1615.66
6	GUIDE	1176896096	8.74	1547	0.056	-0.071	0.070	0.125	185.653077	-62.215982	1986.52	-1965.81
7	GUIDE	1176895568	9.28	1545	-0.033	-0.013	0.085	0.134	186.914170	-62.470395	-183.01	-1217.12

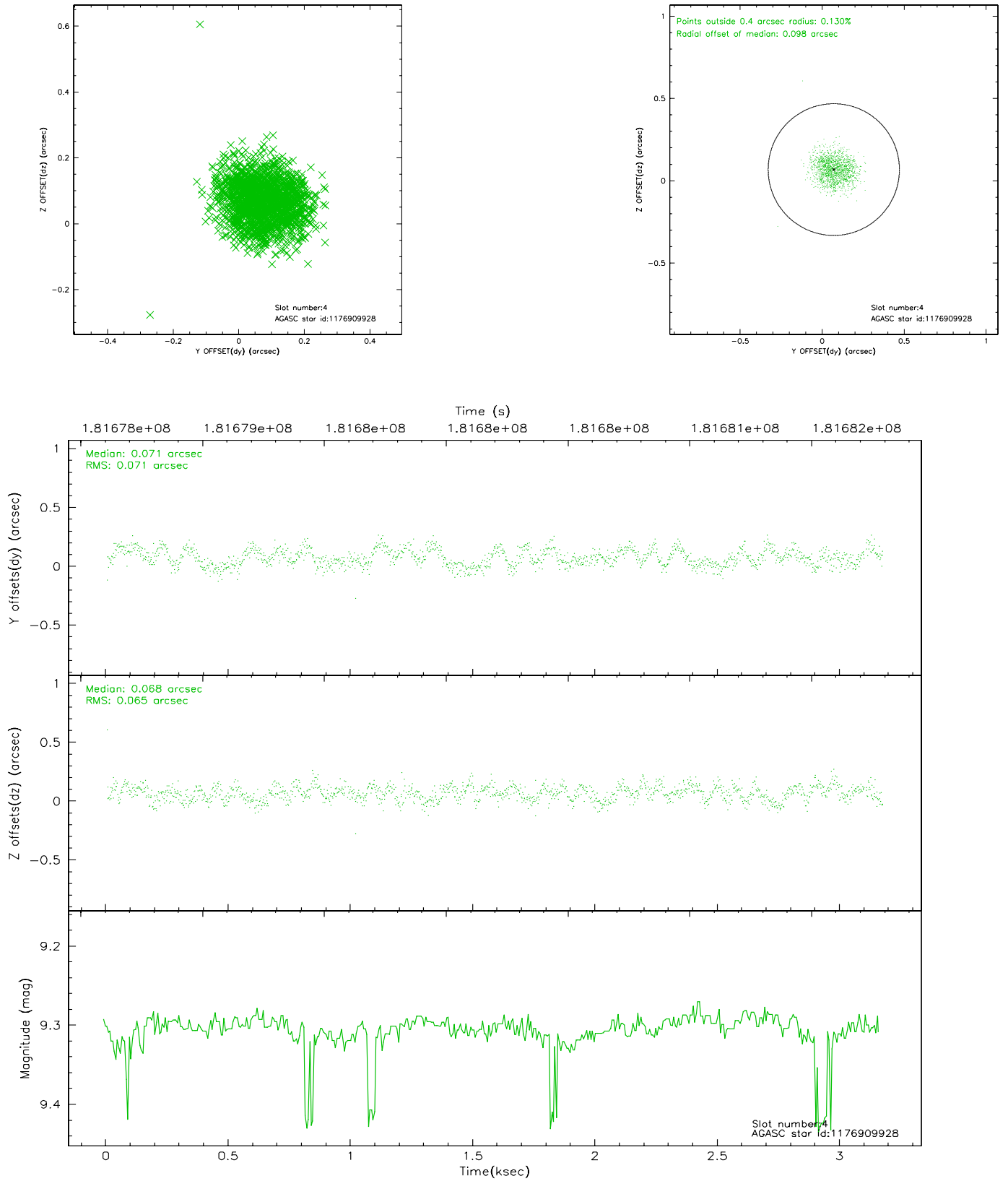


## 2.4 Star Slots

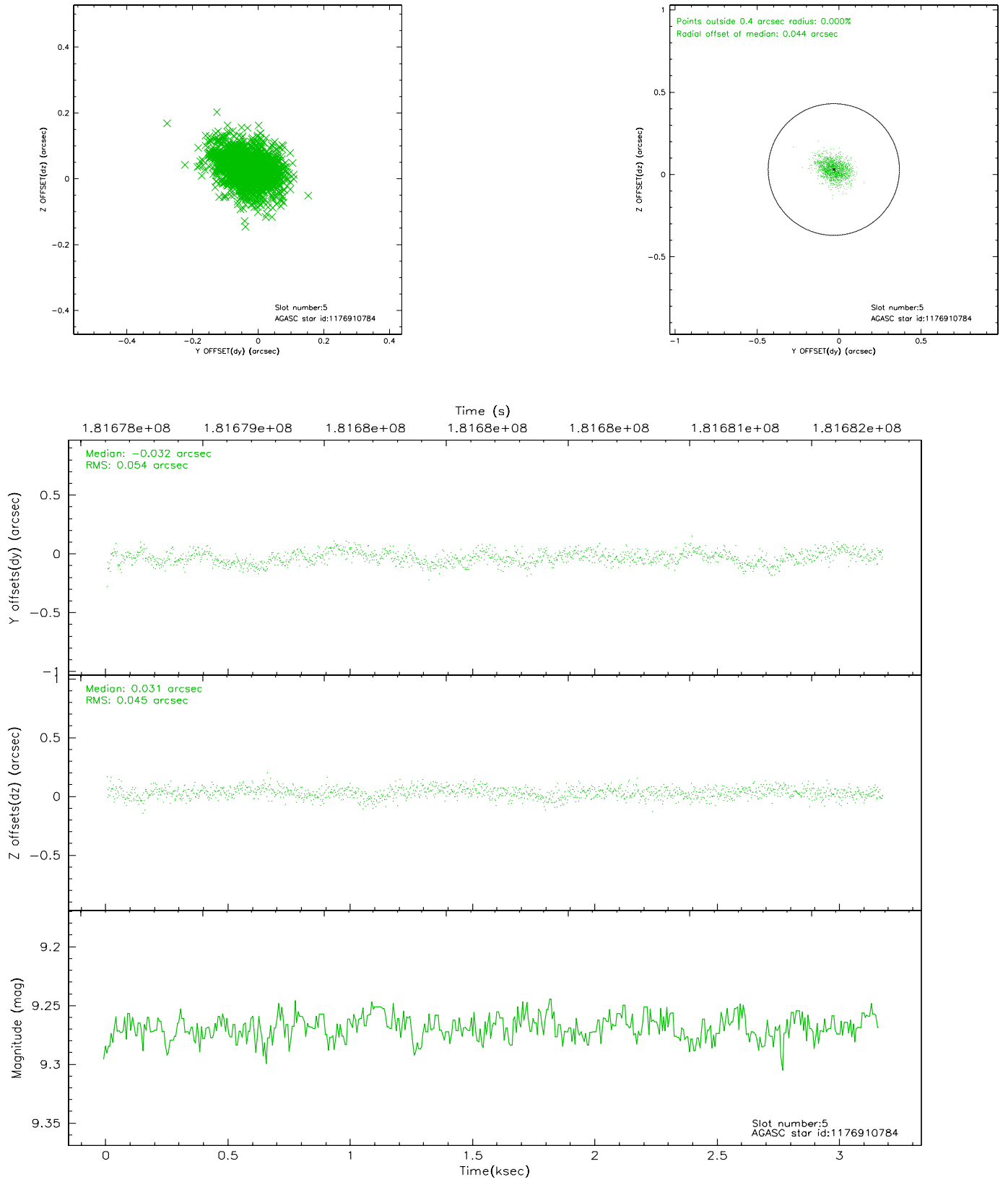
### 2.4.1 Slot 3



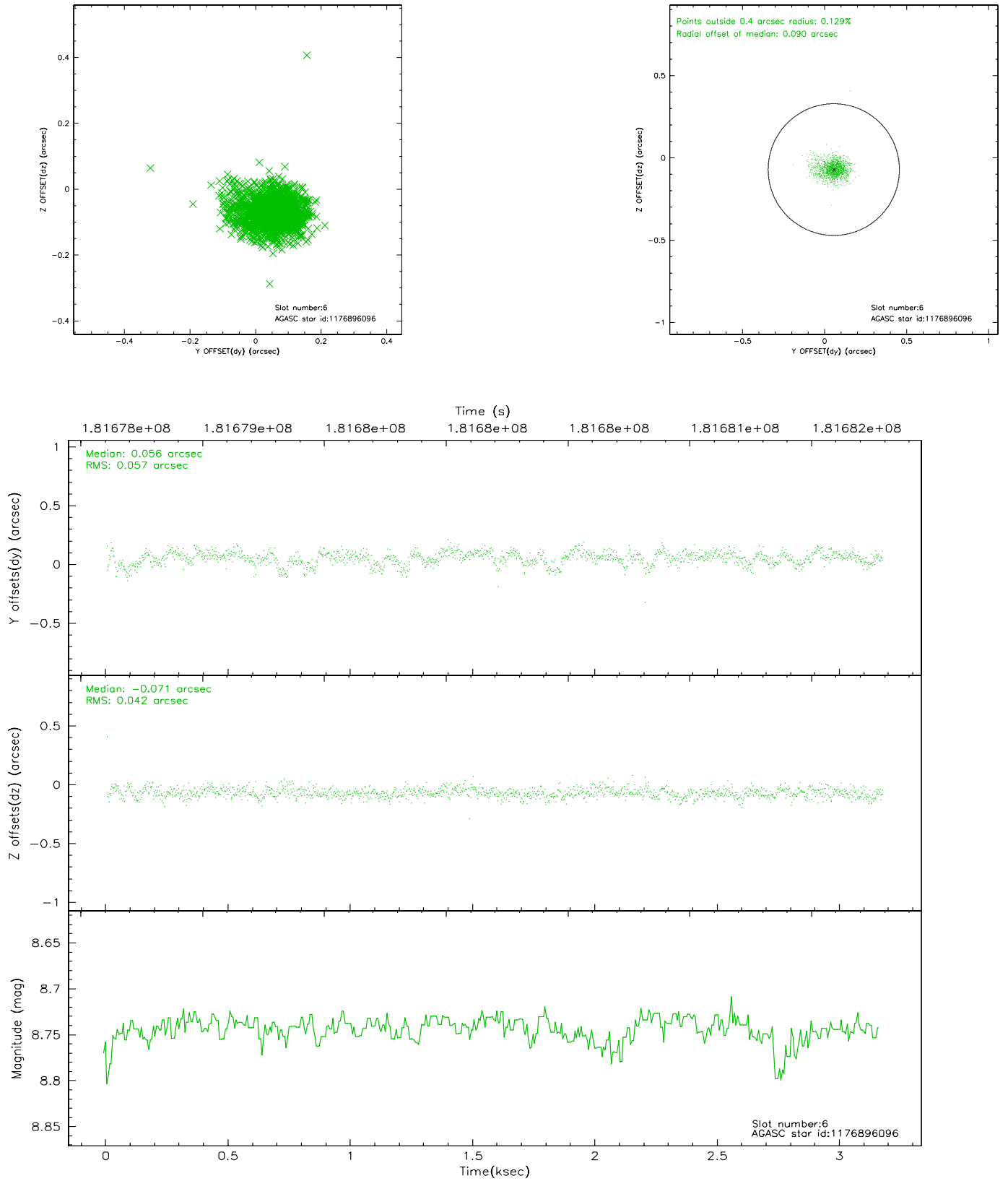
## 2.4.2 Slot 4



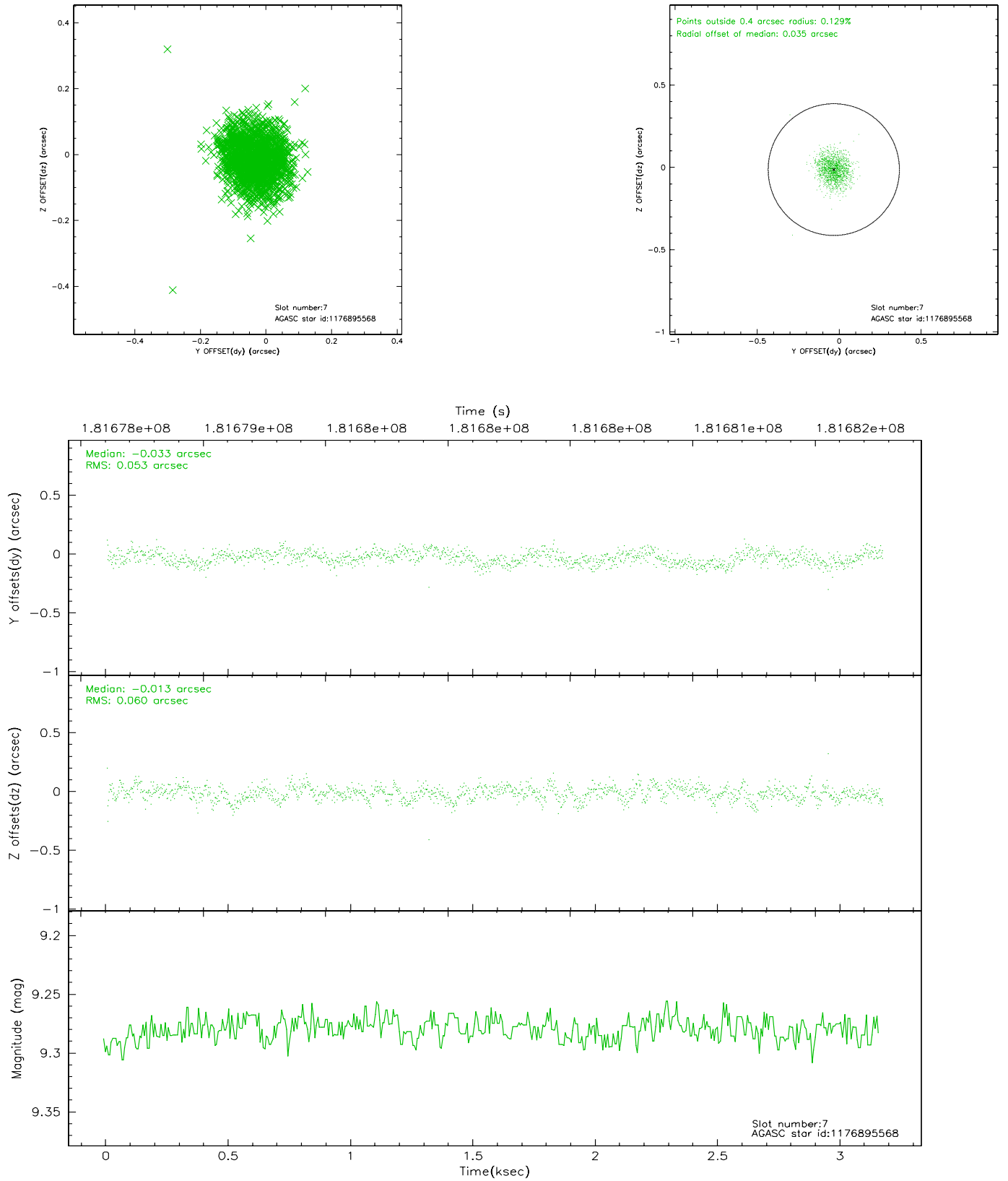
### 2.4.3 Slot 5



## 2.4.4 Slot 6

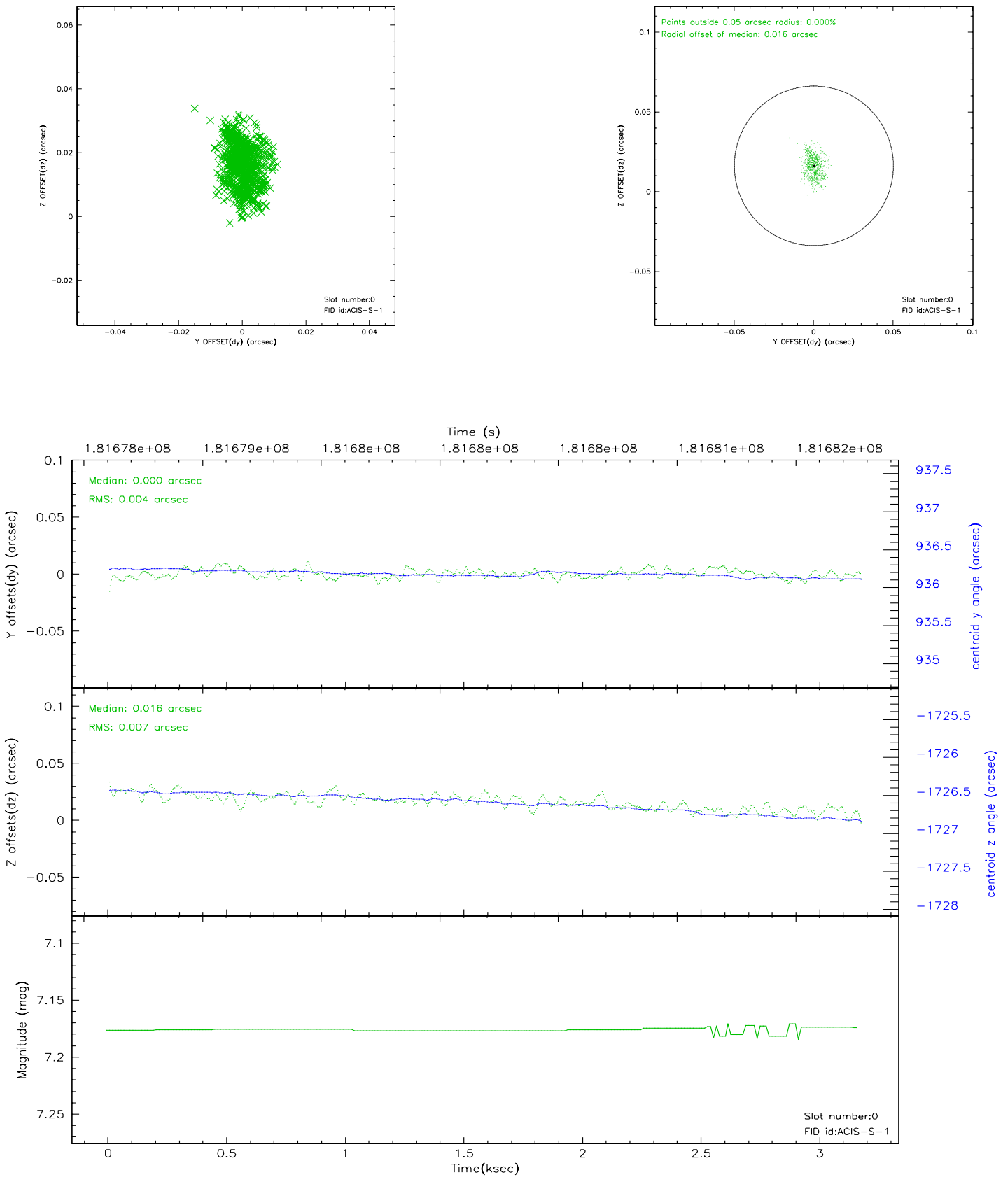


## 2.4.5 Slot 7

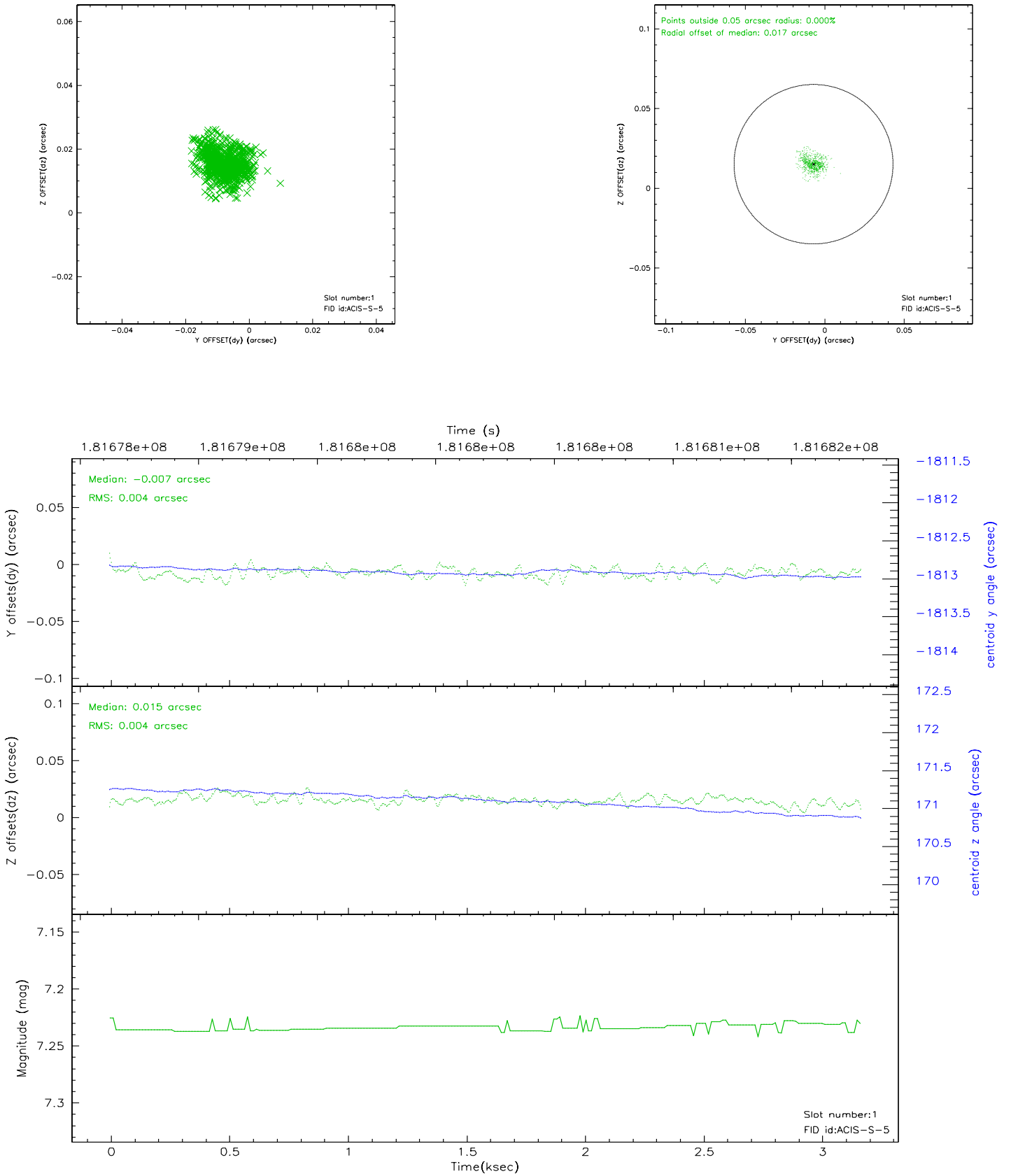


## 2.5 FID Slots

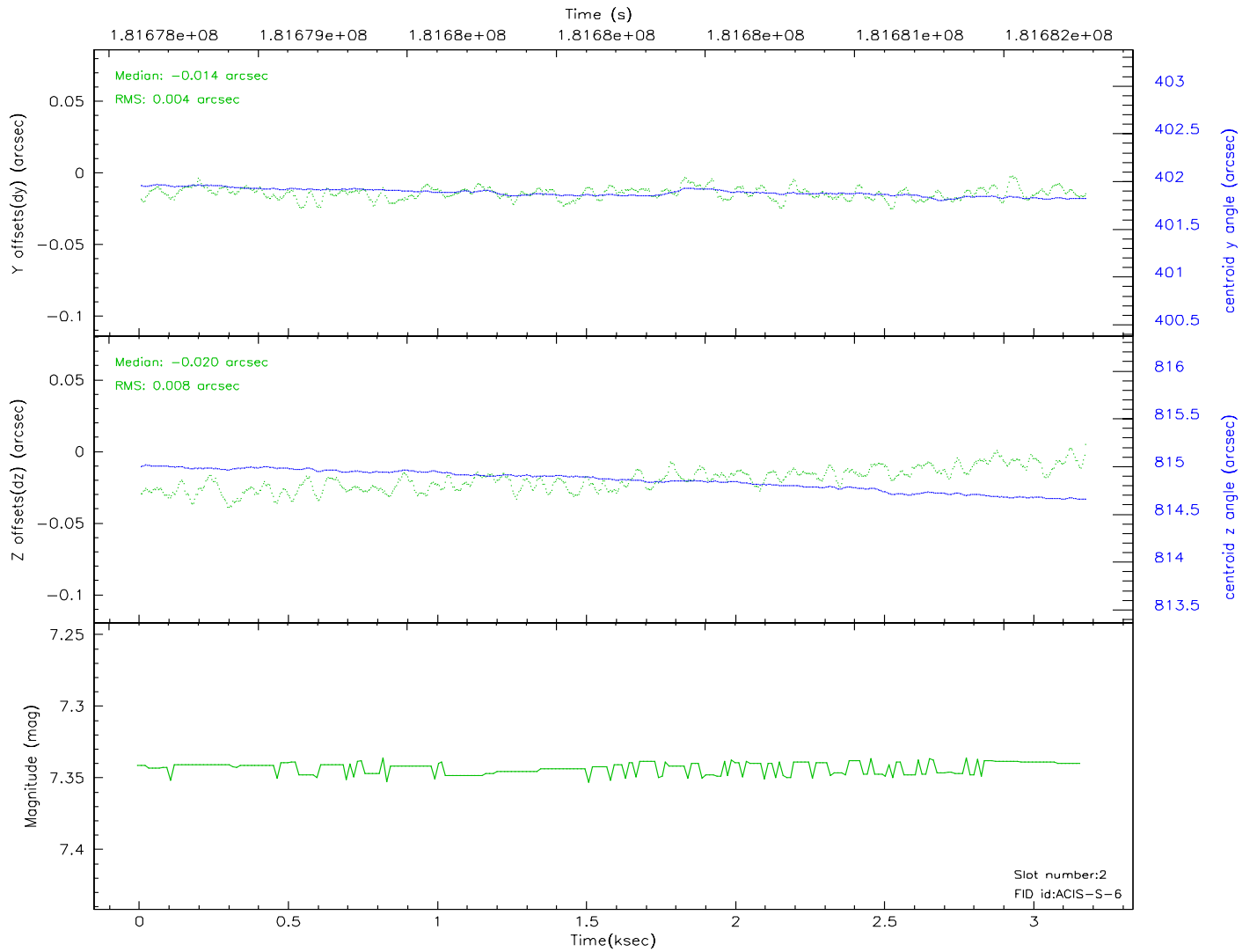
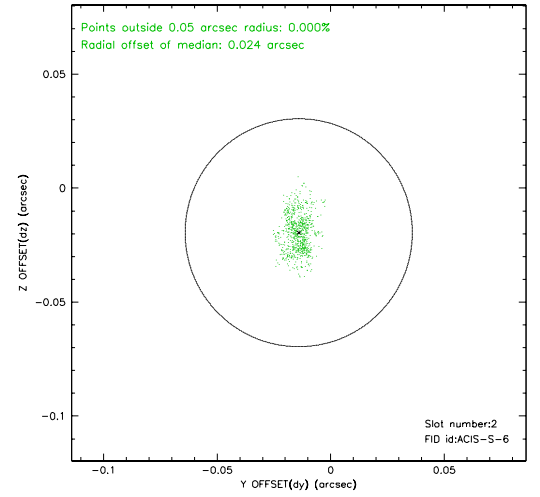
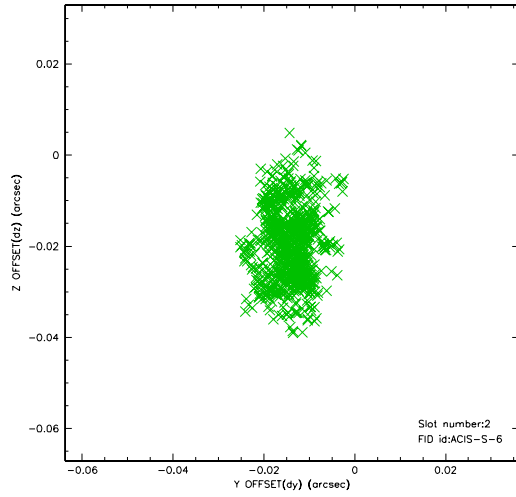
### 2.5.1 Slot 0



## 2.5.2 Slot 1

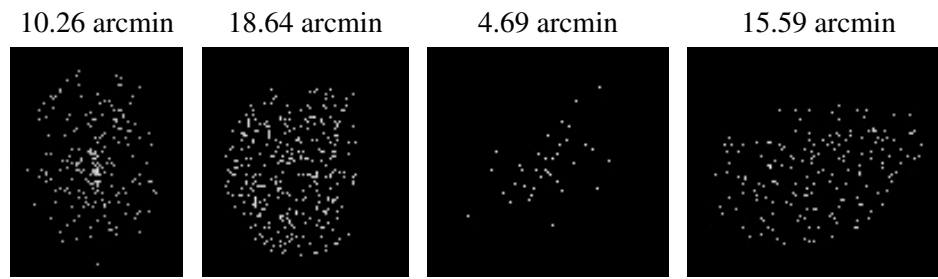


### 2.5.3 Slot 2





### 3 Point Sources



## A Summary

### A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.07.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.03

### A.2 Comments