

# V&V Reference Report

## L2 ASCDS Version : 7.6.9

Observation 3054 - L2 Version 001  
Chandra X-Ray Center

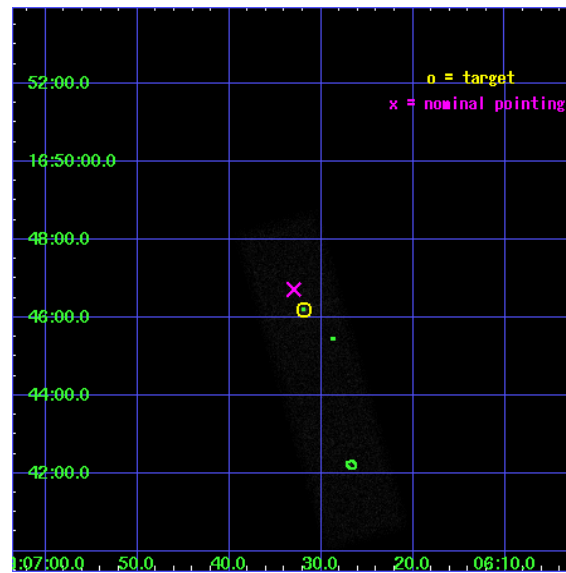
L2 Processing Date : Oct 18 2006

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# 1 Front

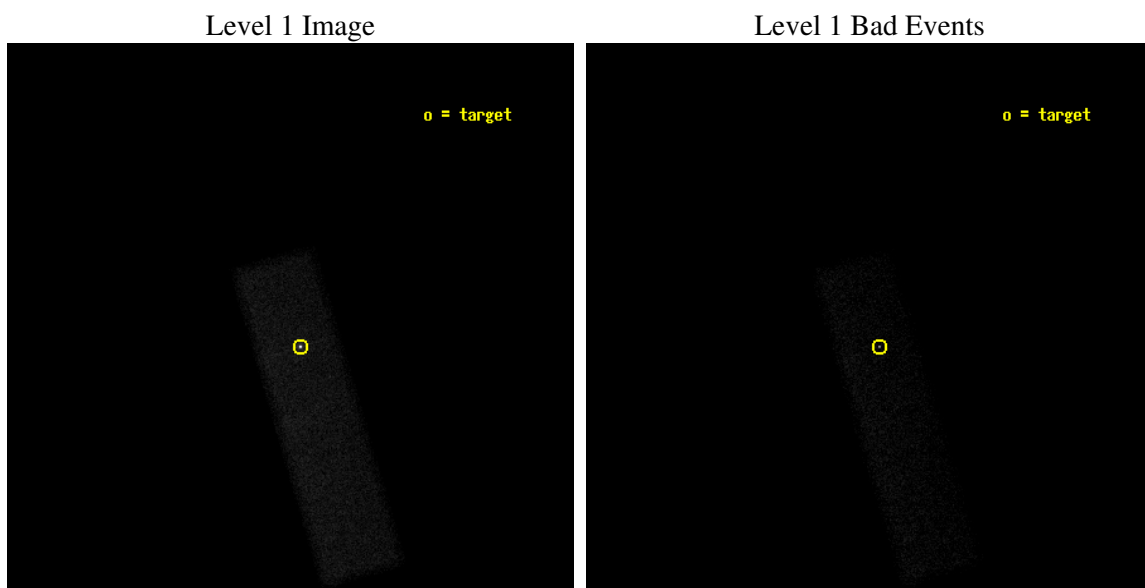
seq_num	700493
obs_id	3054
title	THE DYNAMICS OF CLASSICAL DOUBLE RADIO SOURCES: TESTING SELF-SIMILAR MODELS
observer	Dr Martin Hardcastle
object	3C215
dtcycle	0
cycle	P
ra_targ	136.632917
dec_targ	16.769917
ra_nom	136.63741102843
dec_nom	16.778557882301
roll_nom	73.583298492311
revision	2
ontime	35537.559509516
livetime	33803.442889295
ontime7	35537.559509516
l2events	45224



## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias

Chip 7



### 2.1.3 Parameters

obi_num	1
ascdsver	7.6.9
caldsver	3.2.3
date	2006-10-18T19:40:14
revision	2

sched_exp_time	35000.000000
ontime	35829.625547469
ontime7	35829.625547469
l1events	92108

### 2.1.4 Events

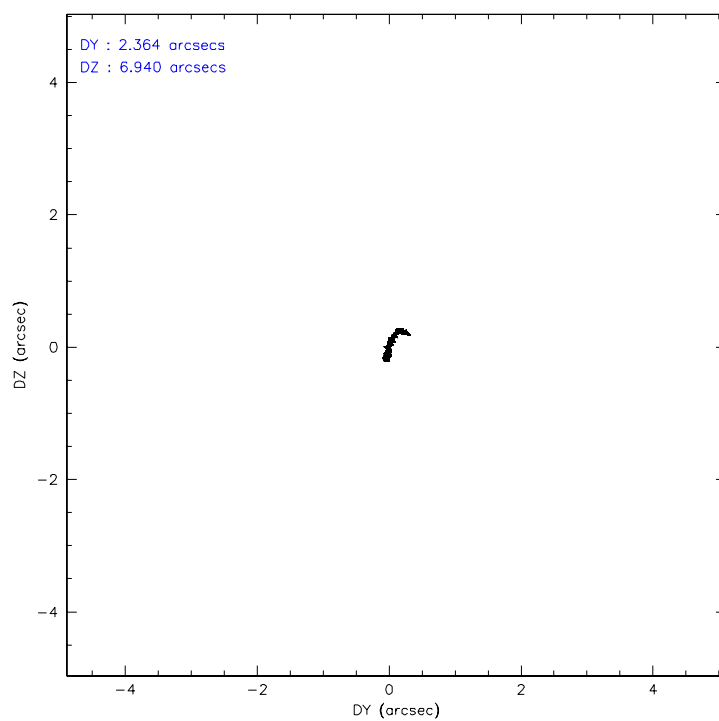
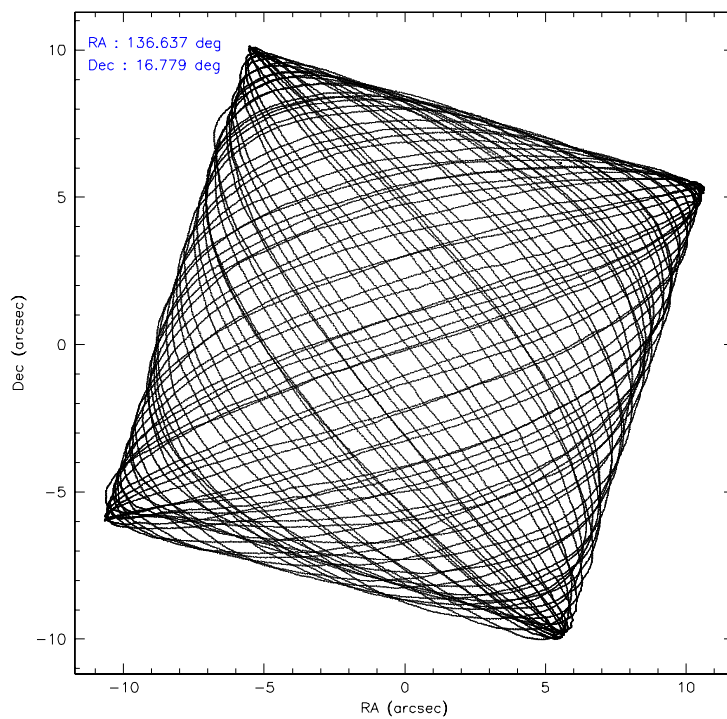
	<b>ccd 7</b>
level 1 events	92108
rejected events	45827
rejected %	49%

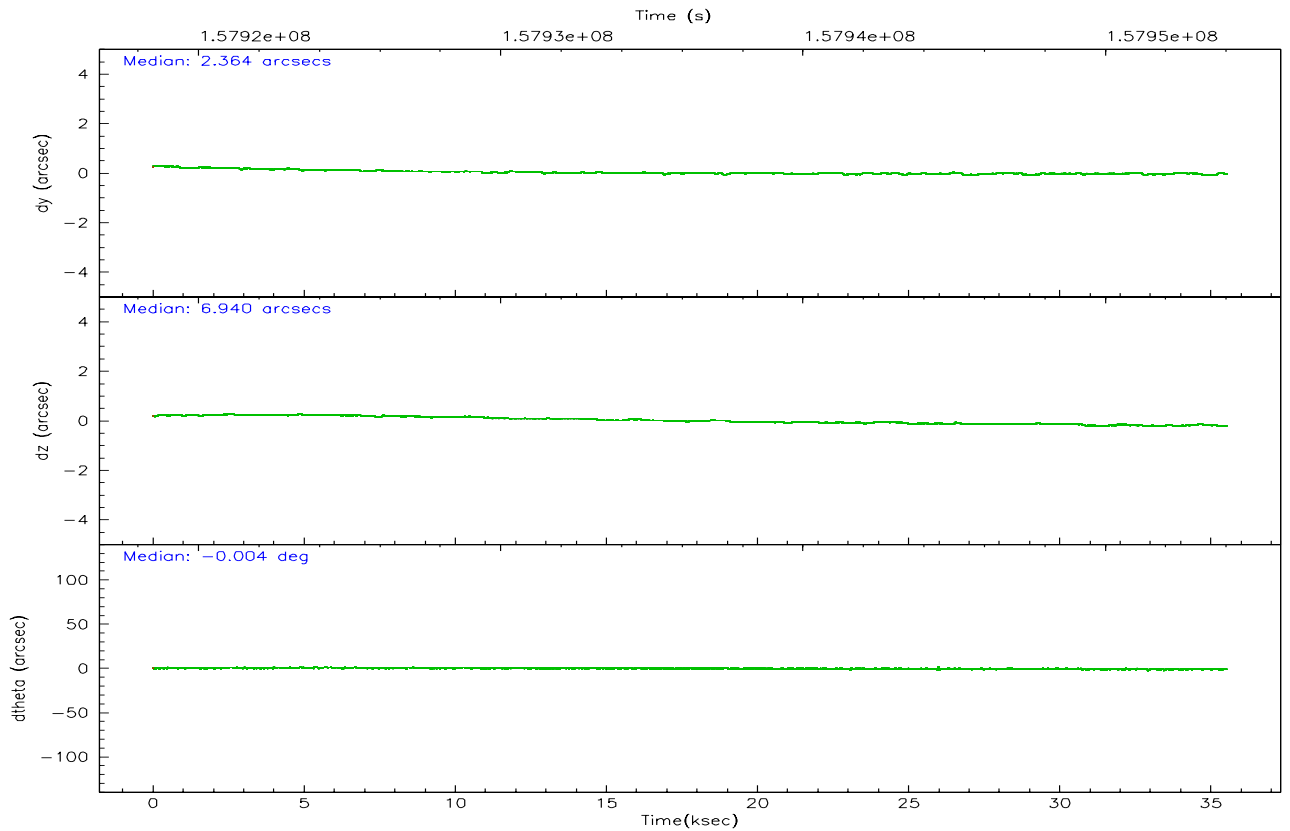
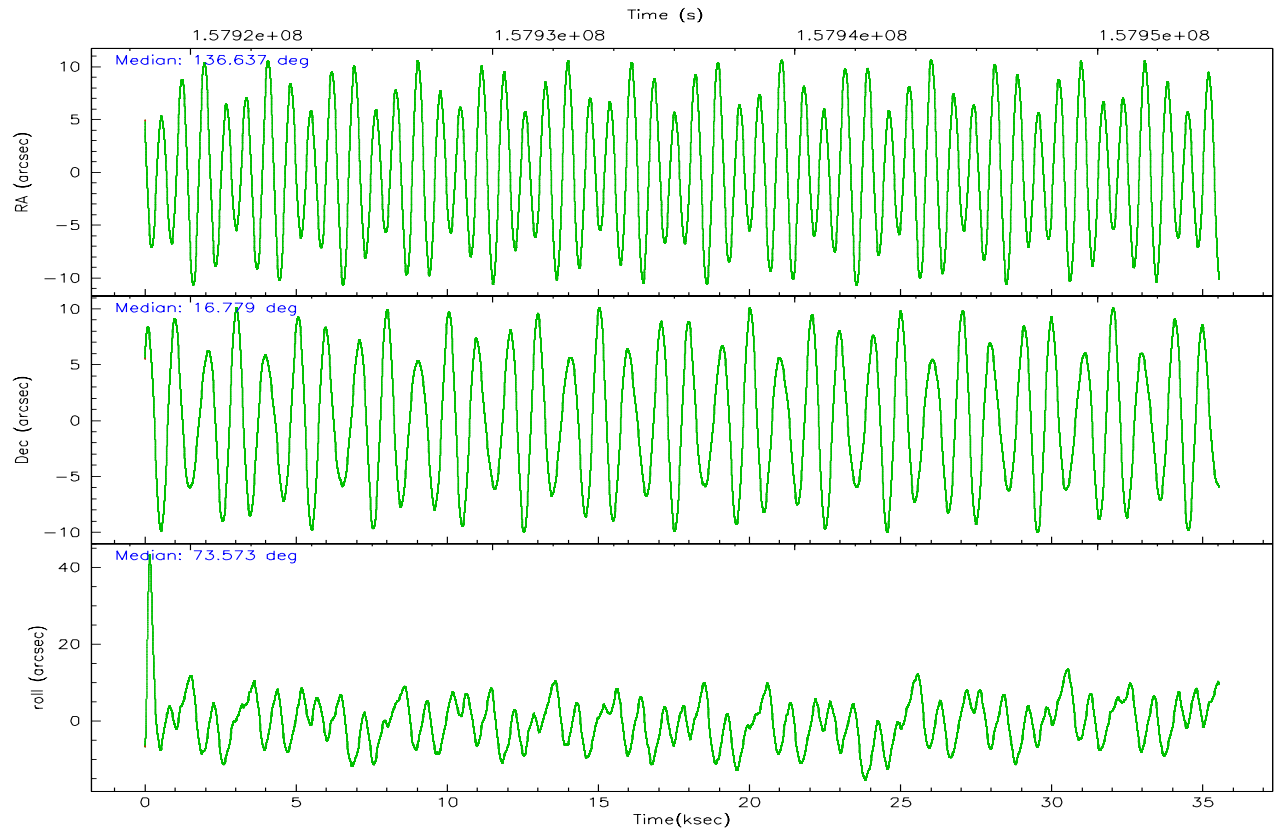
	<b>ccd 7</b>
grade 0 events	6458
	7%
grade 1 events	136
	0%
grade 2 events	11327
	12%
grade 3 events	4314
	4%
grade 4 events	4109
	4%
grade 5 events	5967
	6%
grade 6 events	20374
	22%
grade 7 events	39423
	42%

## 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	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	136.644473	136.6374110284259	Subarray requested	1/4	1/4
Pointing Dec	16.752190	16.77855788230112	Subarray start row	0	385
Pointing Roll	73.424651	73.58329849231107	Subarray row count	1024	256
SIM focus pos (mm)	-0.684267	-0.6828225247311905	Alternating exposures requested	N	N
SIM defocus (mm)	0	0.001444936568705701	Primary exposure time	0.000000	0.8
SIM translation stage pos (mm)	-190.132523	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	157919038.184000	157917902.32362			
Observation start date	2003-01-02T18:22:54	2003-01-02T18:05:02			
Observation end time	157954038.184000	157954898.16266			
Observation end date	2003-01-03T04:06:14	2003-01-03T04:21:38			
Read mode	TIMED	TIMED			

## 2.3 Aspect





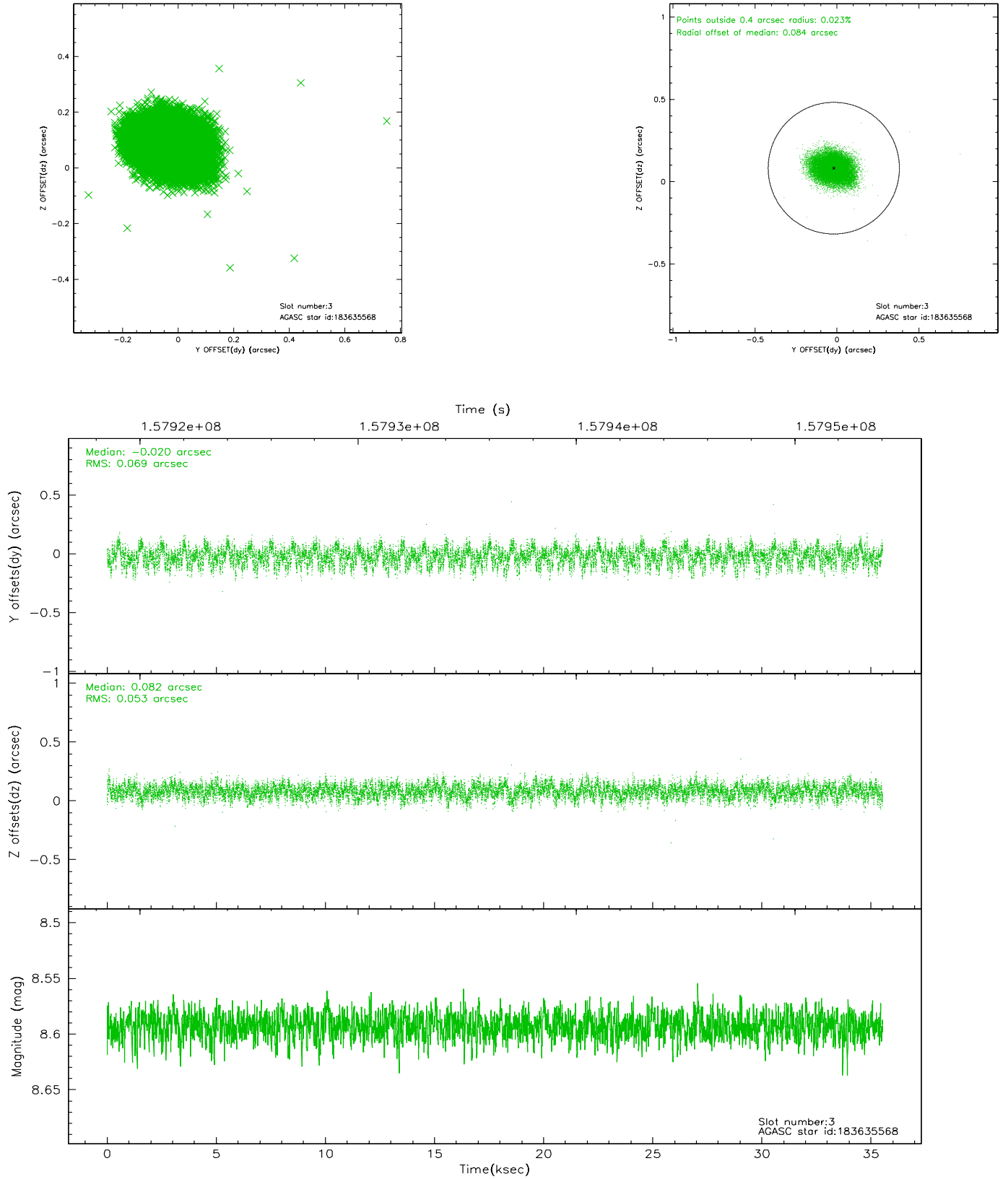
### Slot Statistics

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	8669	-0.021	0.022	0.008	0.012	0.000000	0.000000	-755.04	-1728.11
1	FID	ACIS-S-4	7.20	8669	-0.055	0.004	0.005	0.009	0.000000	0.000000	2158.18	180.33
2	FID	ACIS-S-5	7.24	8669	0.044	-0.017	0.008	0.014	0.000000	0.000000	-1807.77	174.01
3	GUIDE	183635568	8.59	17332	-0.020	0.082	0.093	0.146	137.226478	17.234255	2237.30	-1421.46
4	GUIDE	183638448	9.48	17054	-0.102	0.143	0.127	0.203	137.310621	16.674120	390.24	-2280.73
5	GUIDE	183640504	9.76	16944	0.033	-0.149	0.124	0.200	136.133104	16.834453	-216.56	1773.75
6	GUIDE	183640984	8.47	17330	-0.067	-0.078	0.069	0.109	136.439691	17.390131	2000.66	1330.14
7	GUIDE	183645736	9.77	17328	0.151	0.010	0.126	0.196	136.797375	16.346106	-1249.67	-923.30

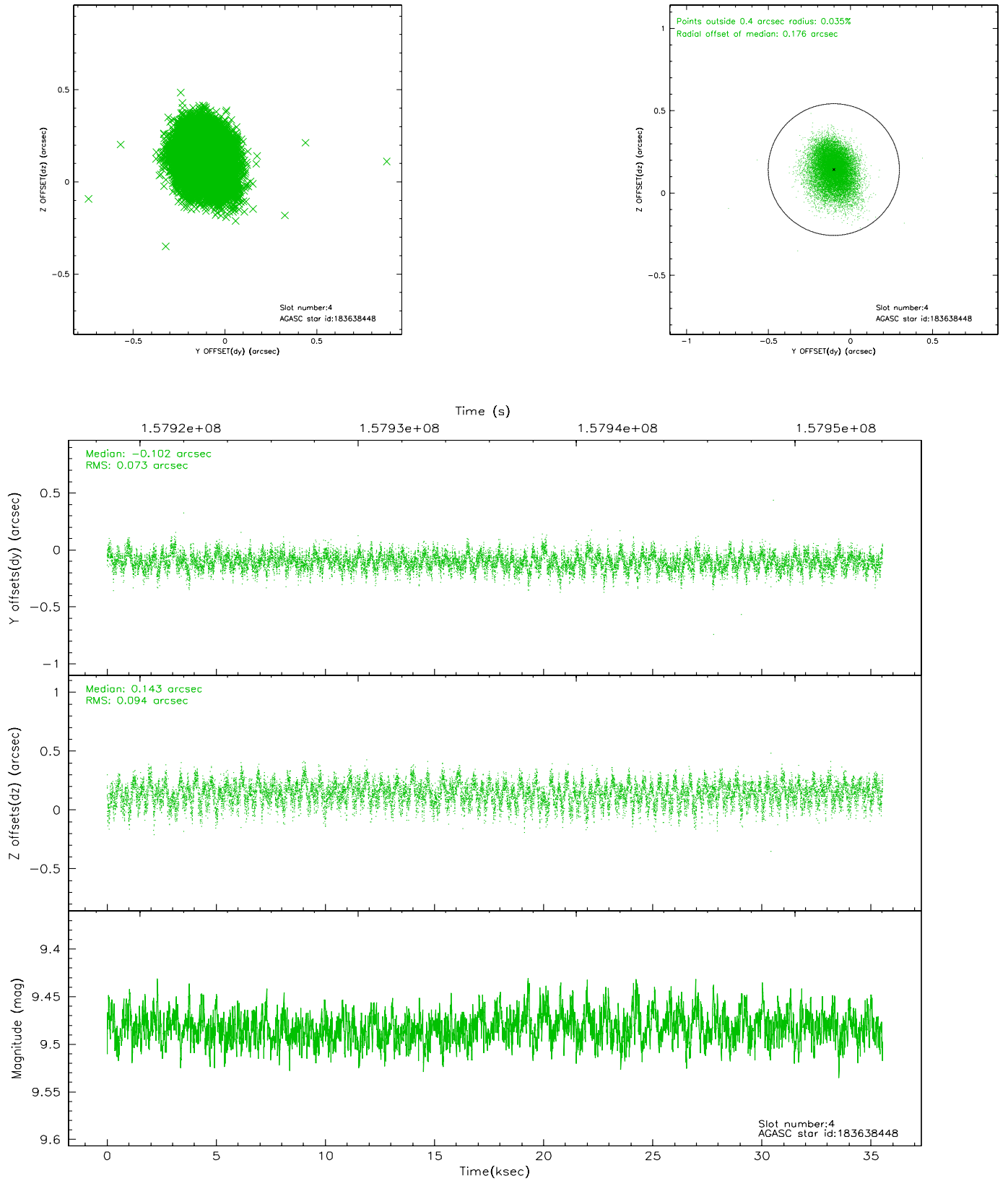


## 2.4 Star Slots

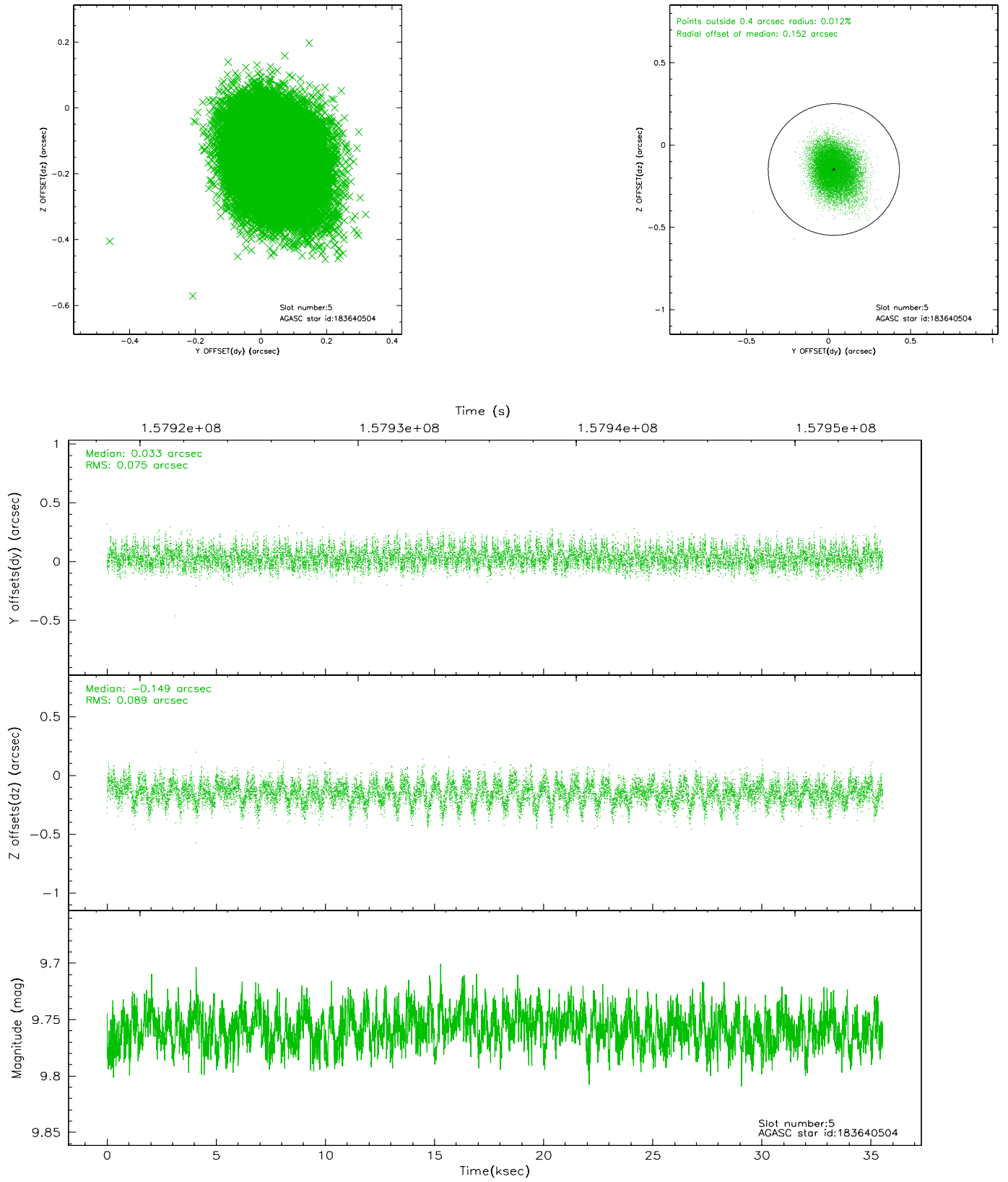
### 2.4.1 Slot 3



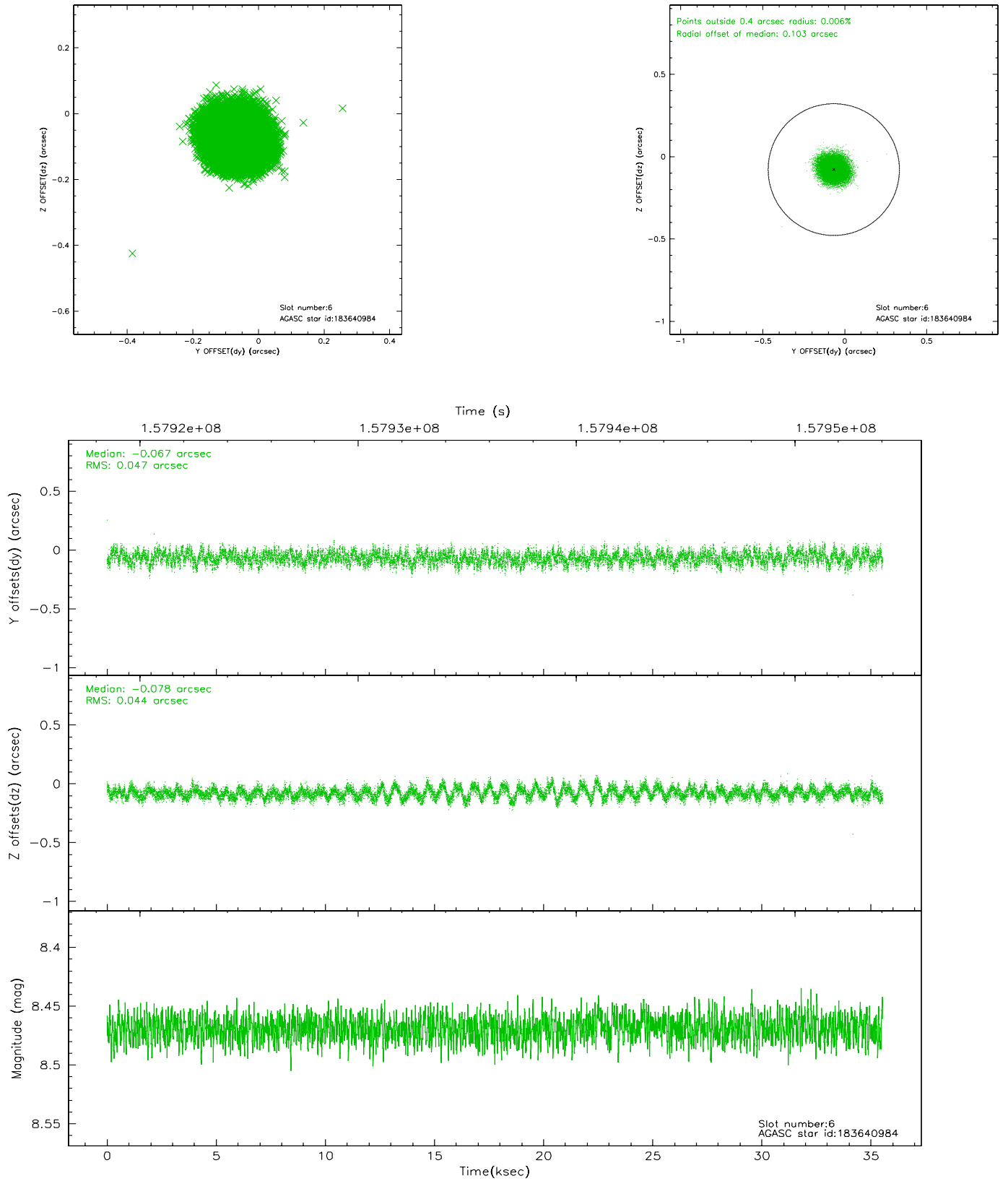
## 2.4.2 Slot 4



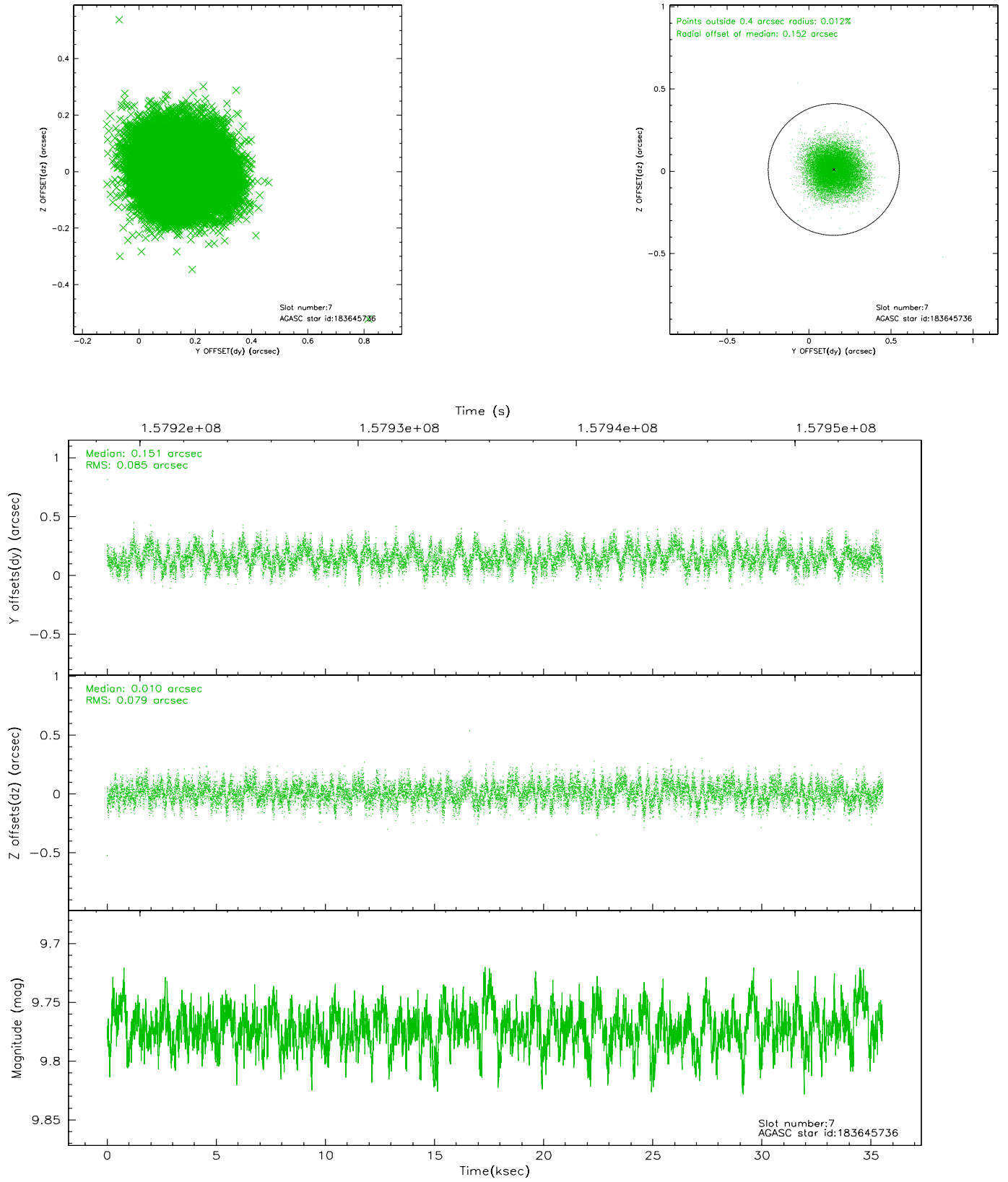
### 2.4.3 Slot 5



## 2.4.4 Slot 6

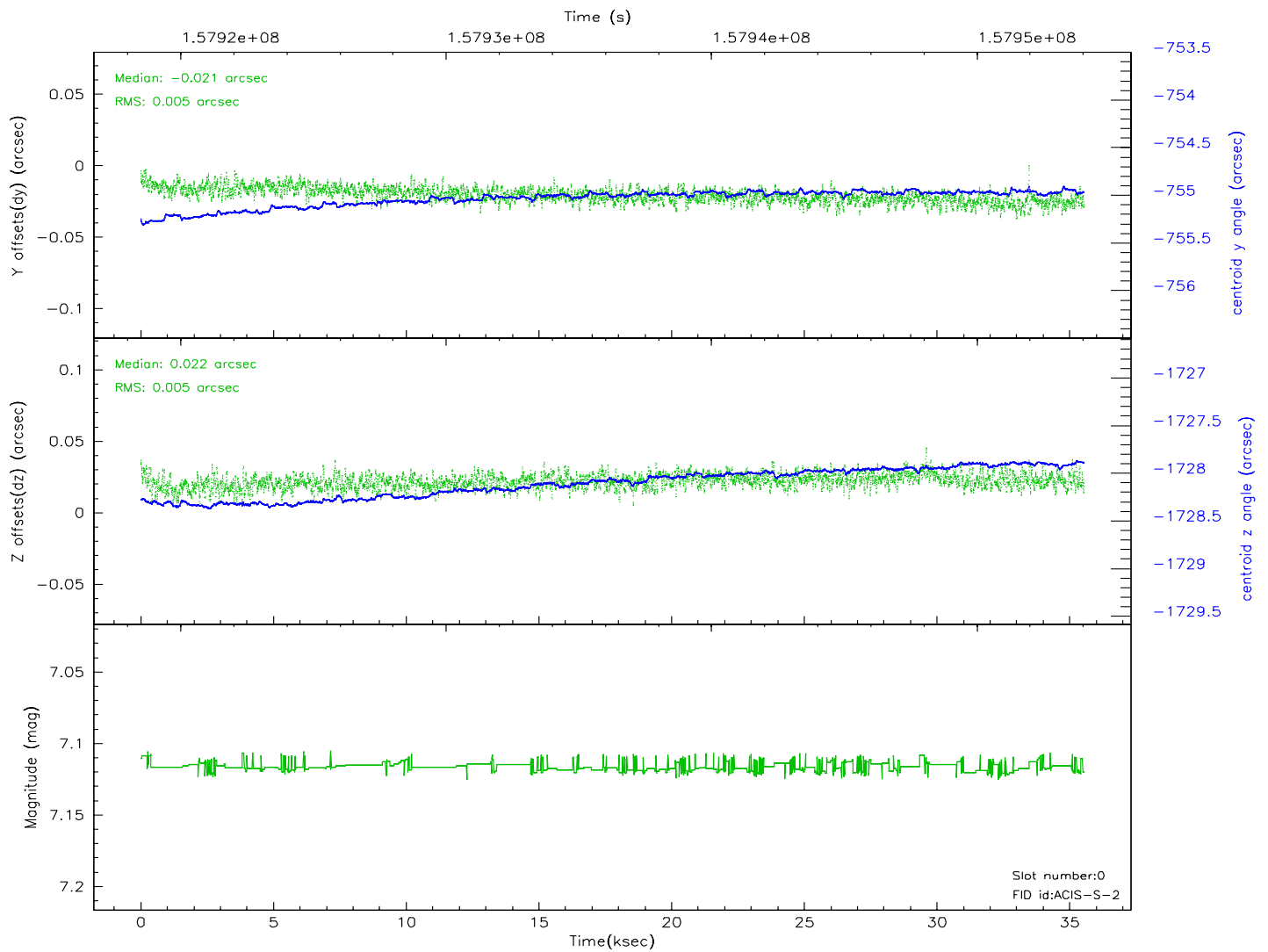
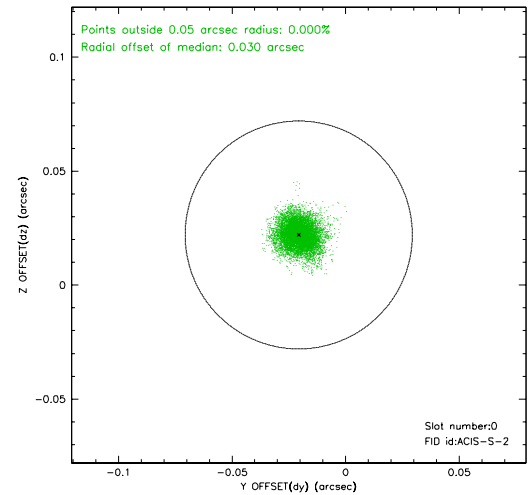
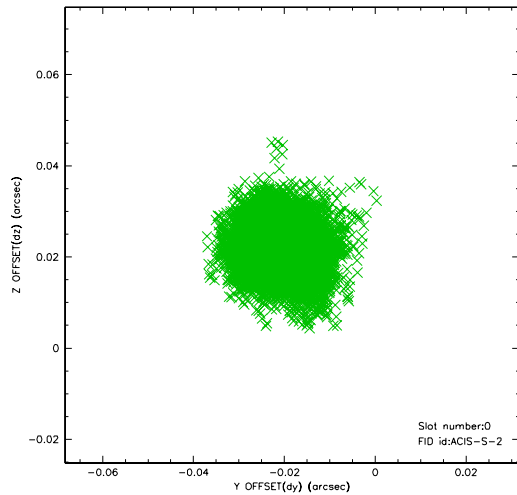


## 2.4.5 Slot 7

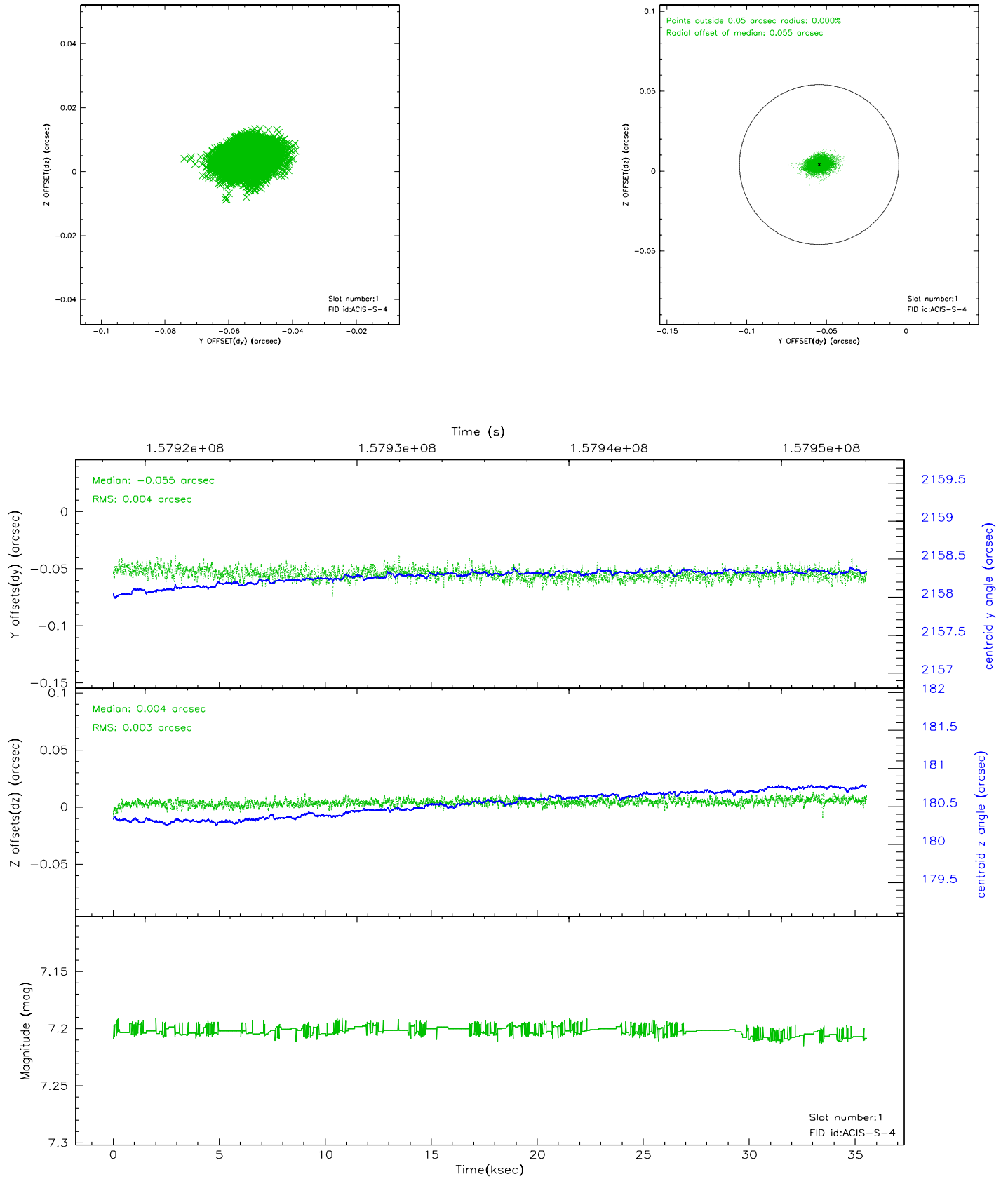


## 2.5 FID Slots

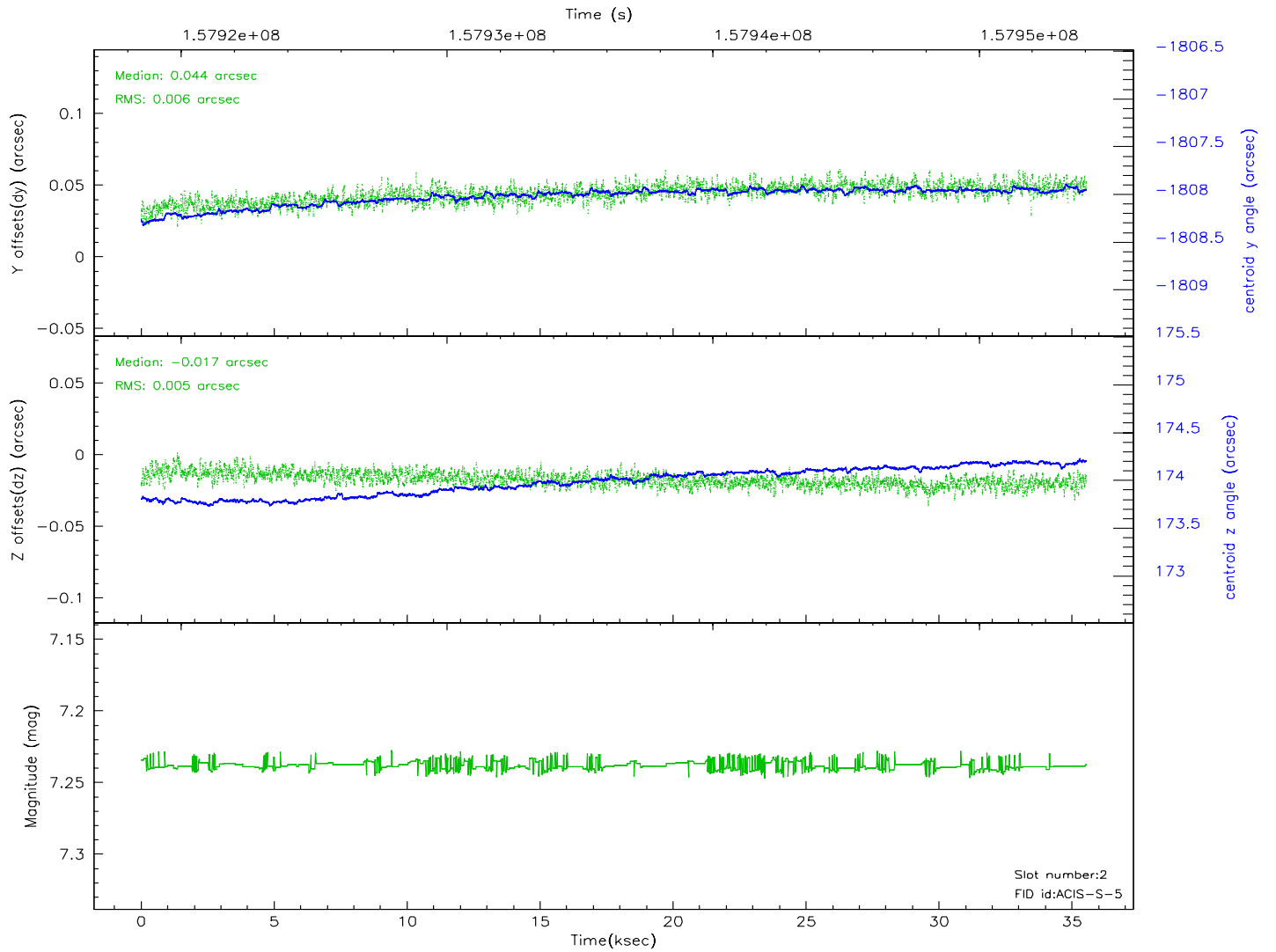
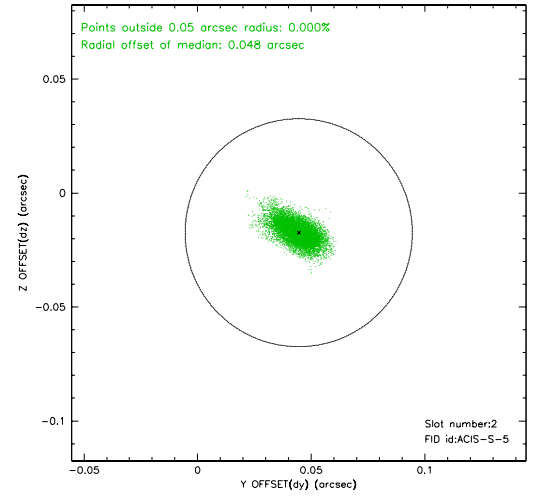
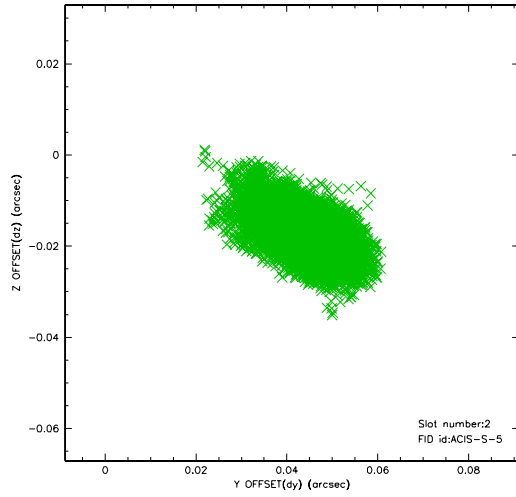
### 2.5.1 Slot 0



## 2.5.2 Slot 1



### 2.5.3 Slot 2





### 3 Point Sources

## A Summary

### A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.10.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	35.537

### A.2 Comments