

# V&V Reference Report

## L2 ASCDS Version : 7.6.9

Observation 3386 - L2 Version 001  
Chandra X-Ray Center

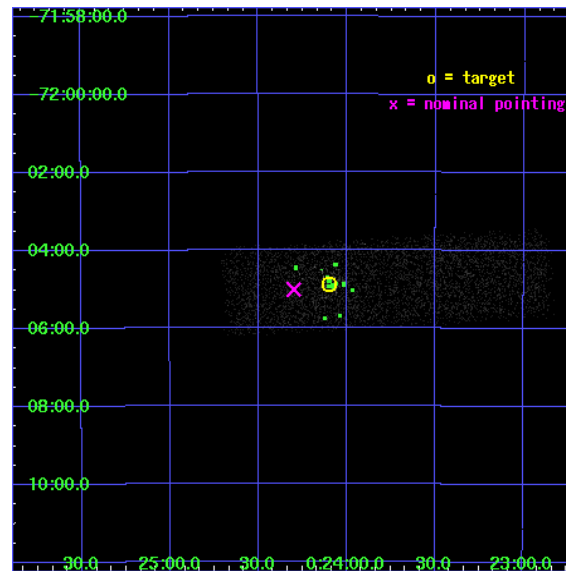
L2 Processing Date : Oct 5 2006

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# 1 Front

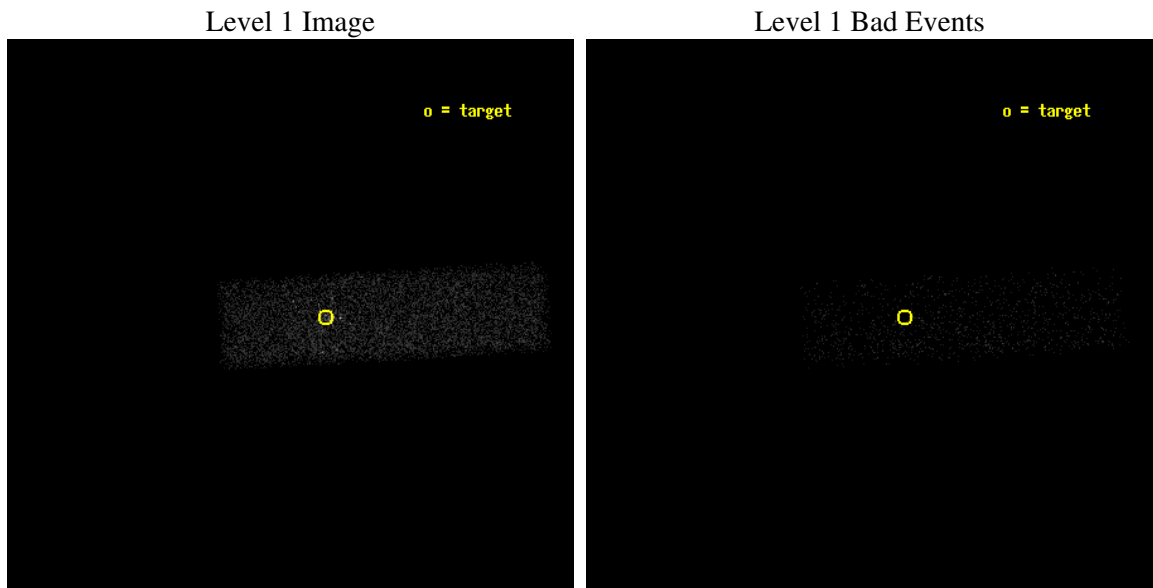
seq_num	400217
obs_id	3386
title	COMPLETE COMPACT OBJECT AND BINARY SURVEY OF 47TUC
observer	Prof. Jonathan Grindlay
object	47 TUCANAE
dtcycle	0
cycle	P
ra_targ	6.024167
dec_targ	-72.080889
ra_nom	6.07480350894
dec_nom	-72.083493002565
roll_nom	356.74588771886
revision	2
ontime	5829.6000868678
livetime	5545.134677892
ontime7	5829.6000868678
l2events	7276



## 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	2006-10-05T18:29:38
revision	2

sched_exp_time	5000.000000
ontime	5830.8599114418
ontime7	5830.8599114418
l1events	14560

### 2.1.4 Events

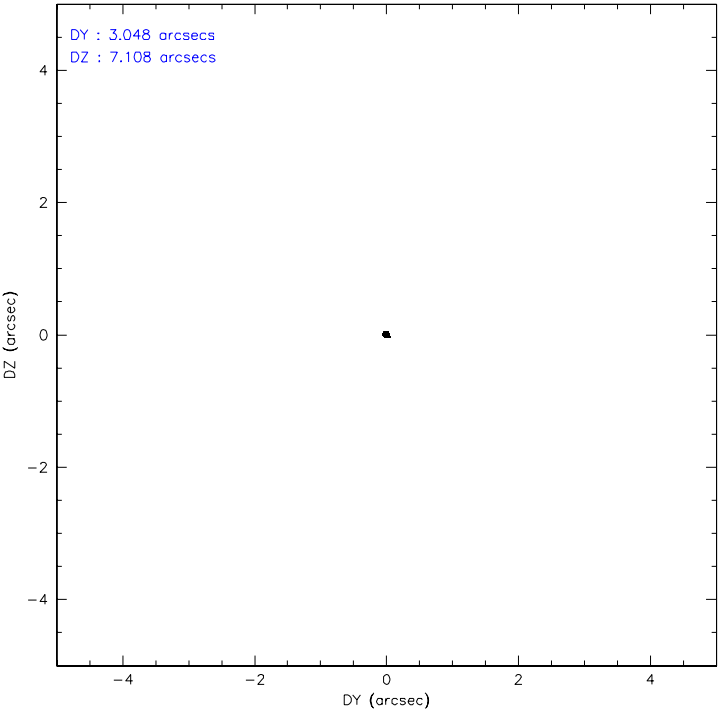
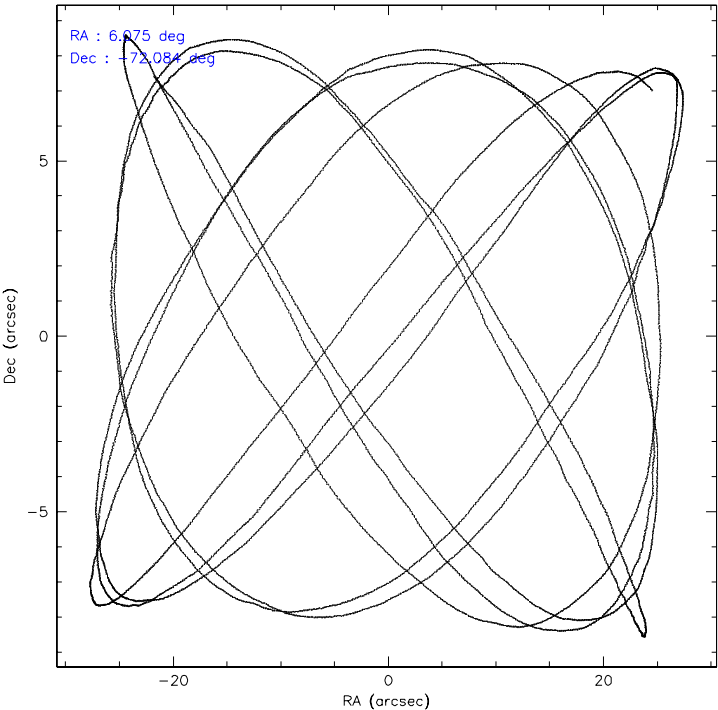
	<b>ccd 7</b>
level 1 events	14560
rejected events	7106
rejected %	48%

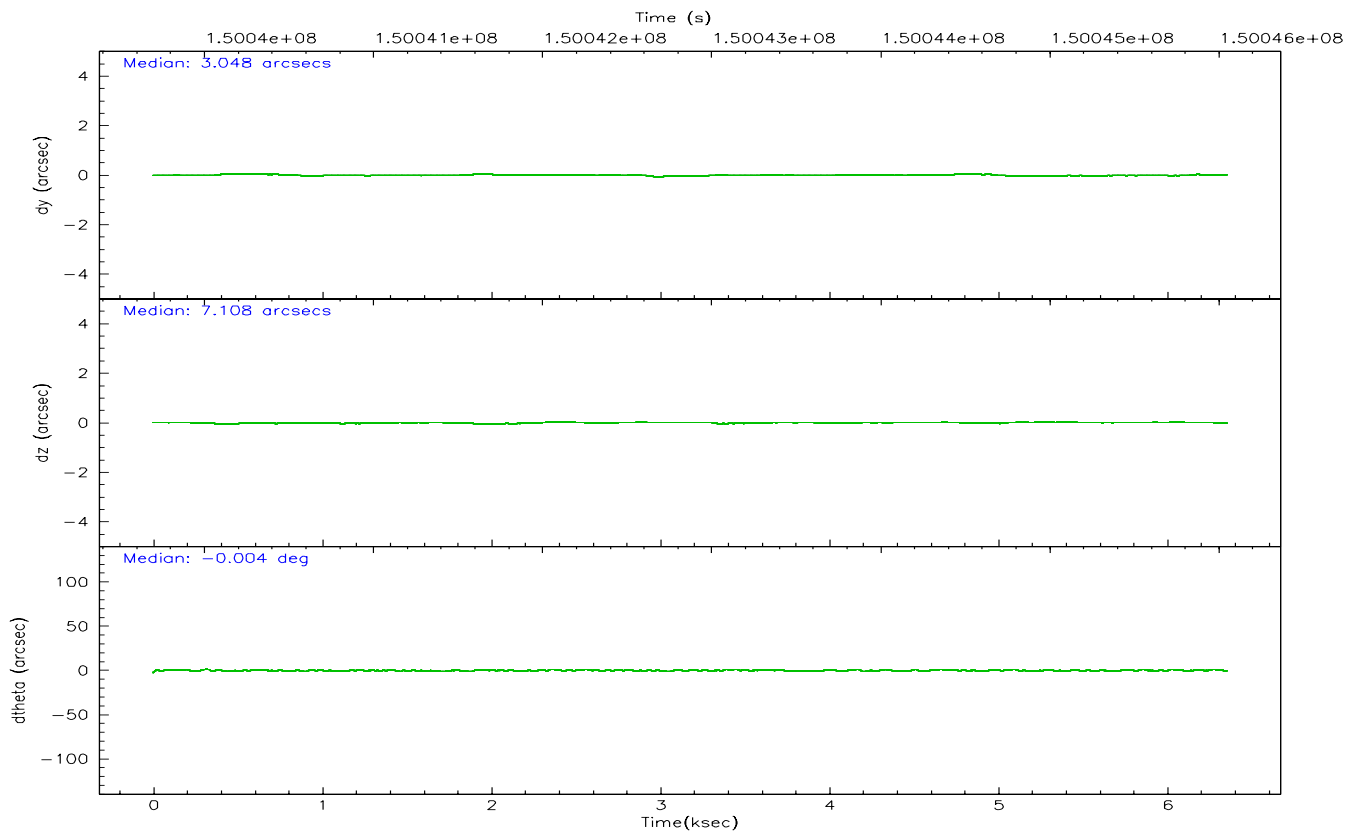
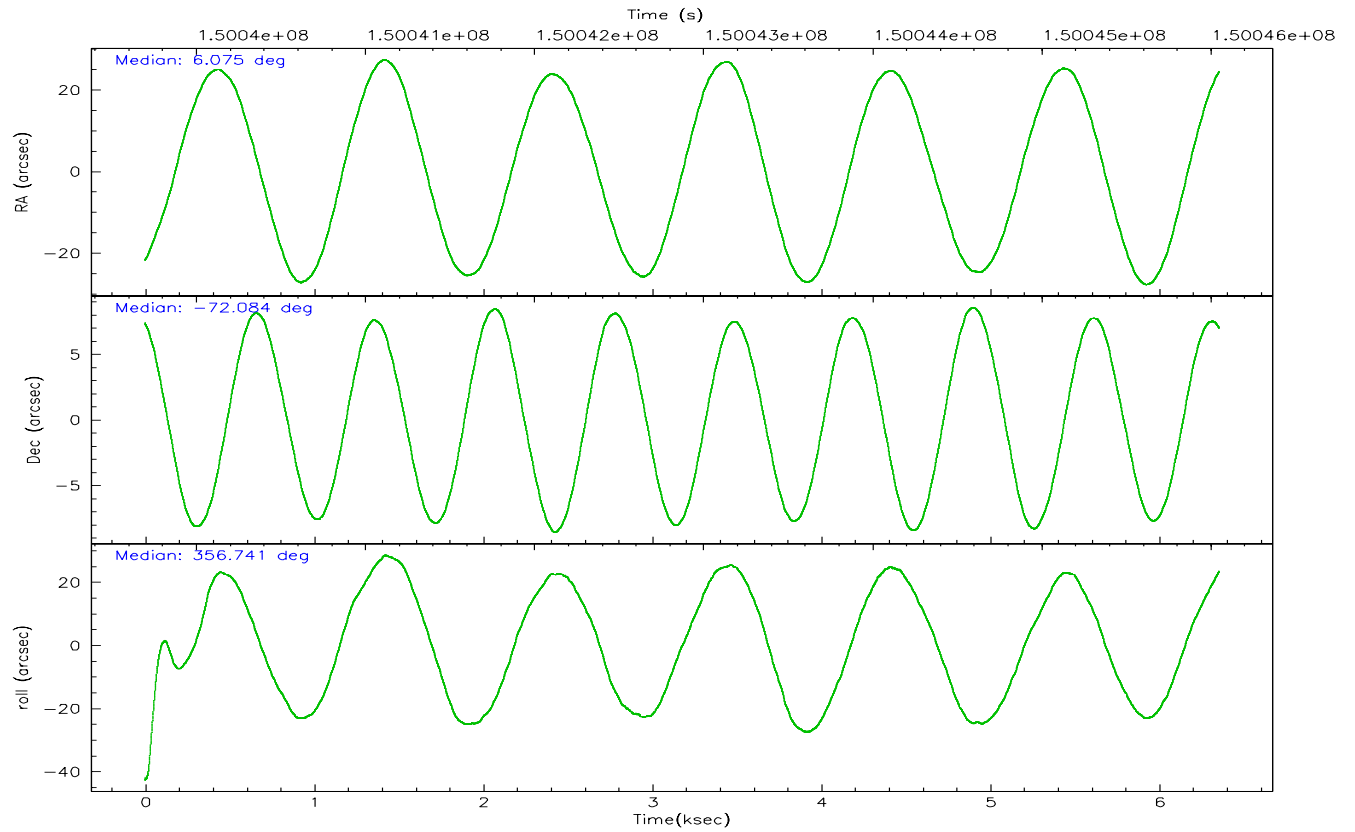
	<b>ccd 7</b>
grade 0 events	1157
	7%
grade 1 events	18
	0%
grade 2 events	1881
	12%
grade 3 events	647
	4%
grade 4 events	639
	4%
grade 5 events	886
	6%
grade 6 events	3130
	21%
grade 7 events	6202
	42%

## 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	5.996206	6.074803508940049	Subarray requested	CUSTOM	1/4
Pointing Dec	-72.096066	-72.08349300256458	Subarray start row	384	384
Pointing Roll	356.514472	356.7458877188554	Subarray row count	256	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	-190.1425803651734			
SIM translation stage offset (mm)	0	0.01005778216563158			
Observation start time	150041048.184000	150039501.89569			
Observation start date	2002-10-03T14:03:04	2002-10-03T13:38:21			
Observation end time	150046048.184000	150047192.47101			
Observation end date	2002-10-03T15:26:24	2002-10-03T15:46:32			
Read mode	TIMED	TIMED			

2.3 Aspect





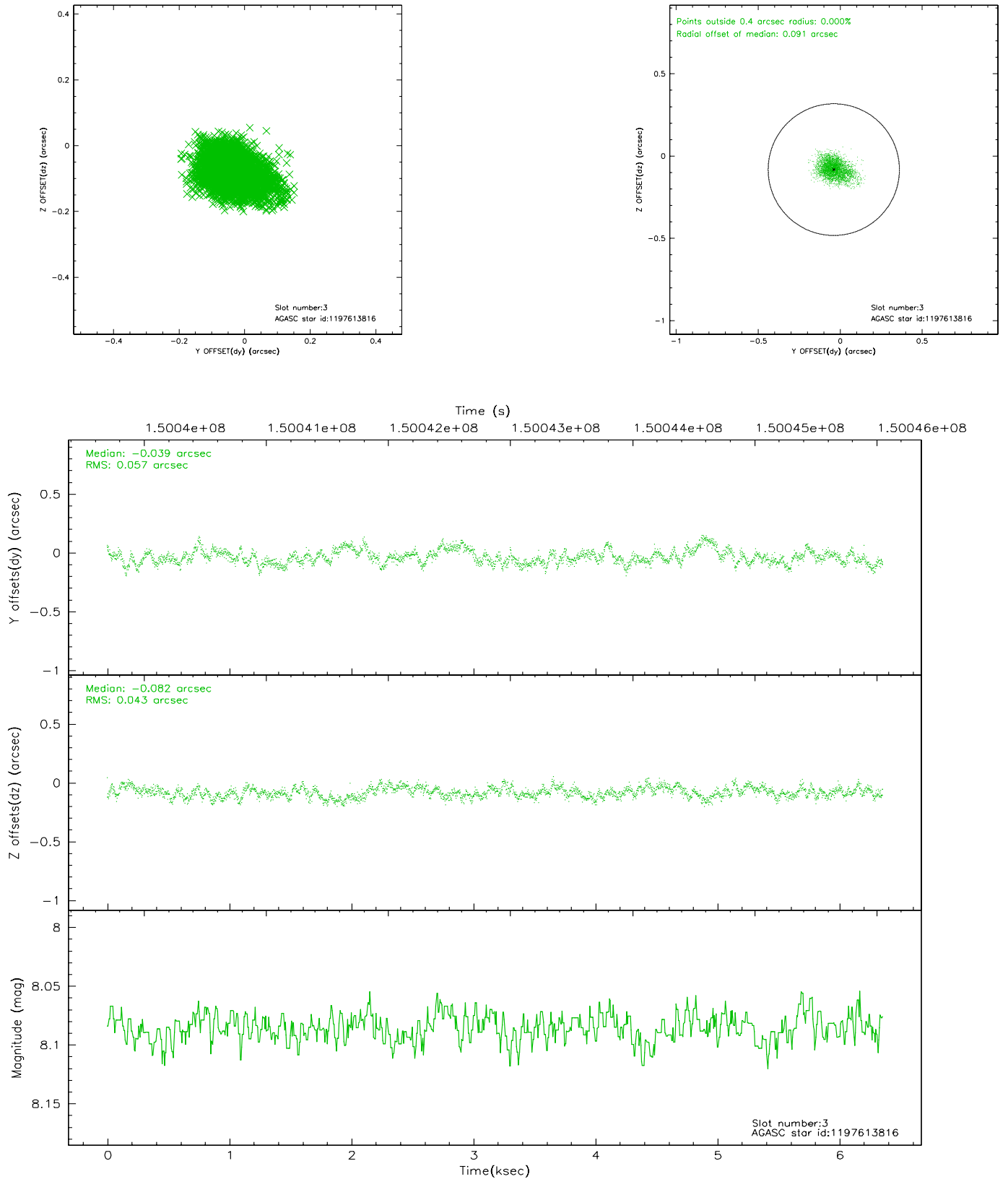
### Slot Statistics

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	1551	0.011	0.020	0.005	0.009	0.000000	0.000000	-755.67	-1728.21
1	FID	ACIS-S-4	7.20	1551	-0.022	-0.006	0.006	0.009	0.000000	0.000000	2157.15	179.31
2	FID	ACIS-S-6	7.35	1551	-0.016	-0.007	0.006	0.011	0.000000	0.000000	407.46	817.75
3	GUIDE	1197613816	8.09	3102	-0.039	-0.082	0.075	0.125	5.181461	-71.977993	-930.87	363.14
4	GUIDE	1197607928	9.62	3101	0.157	0.075	0.110	0.178	7.837743	-72.165759	2043.67	-157.36
5	GUIDE	1197619752	10.02	3064	-0.025	-0.048	0.122	0.196	4.510721	-71.856694	-1712.12	738.44
6	GUIDE	1197615656	8.66	3101	0.043	-0.013	0.068	0.111	6.909375	-71.882658	973.84	821.81
7	GUIDE	1197998392	9.77	3087	-0.148	0.066	0.154	0.240	6.367452	-72.761261	541.63	-2366.76

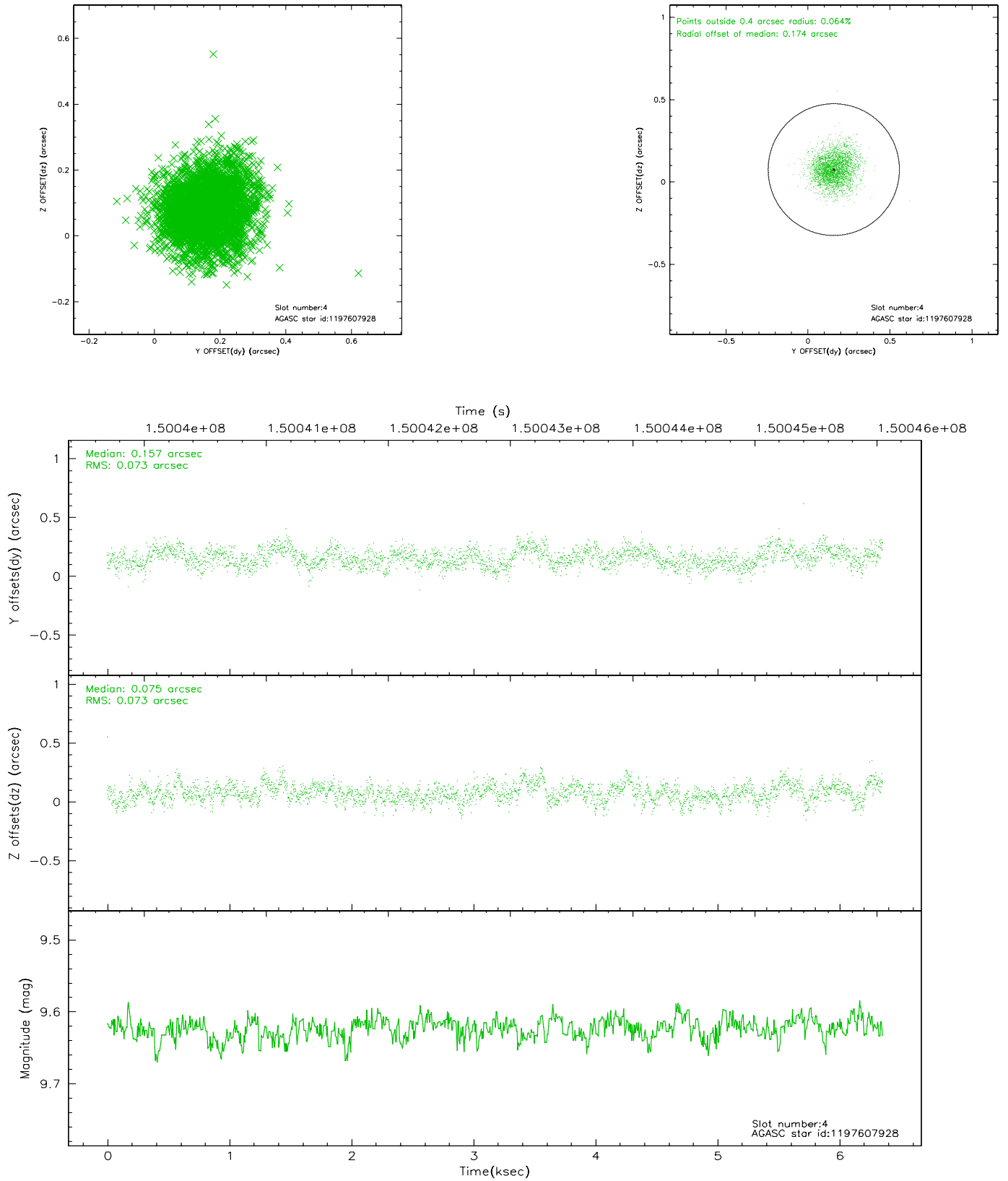


## 2.4 Star Slots

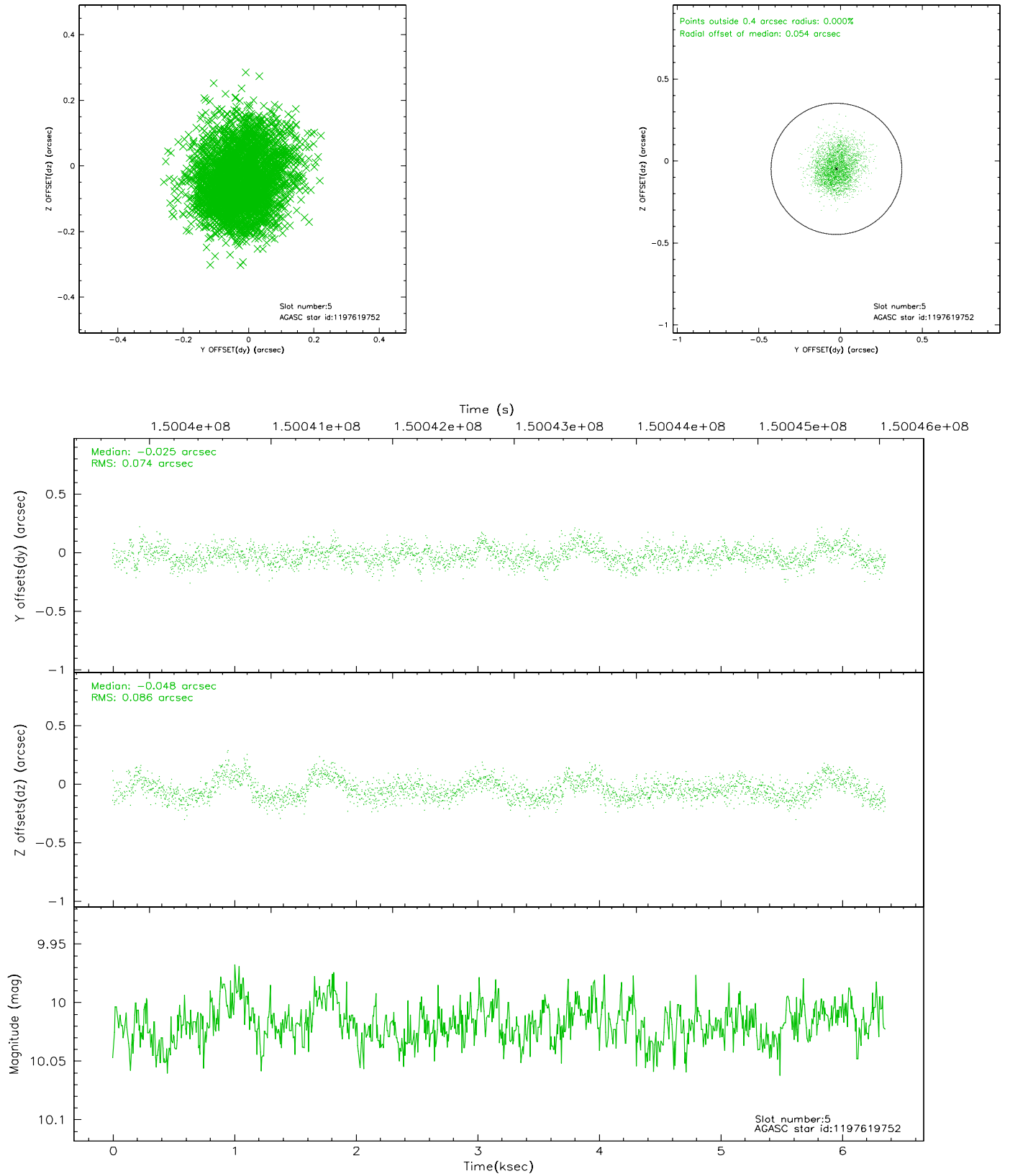
### 2.4.1 Slot 3



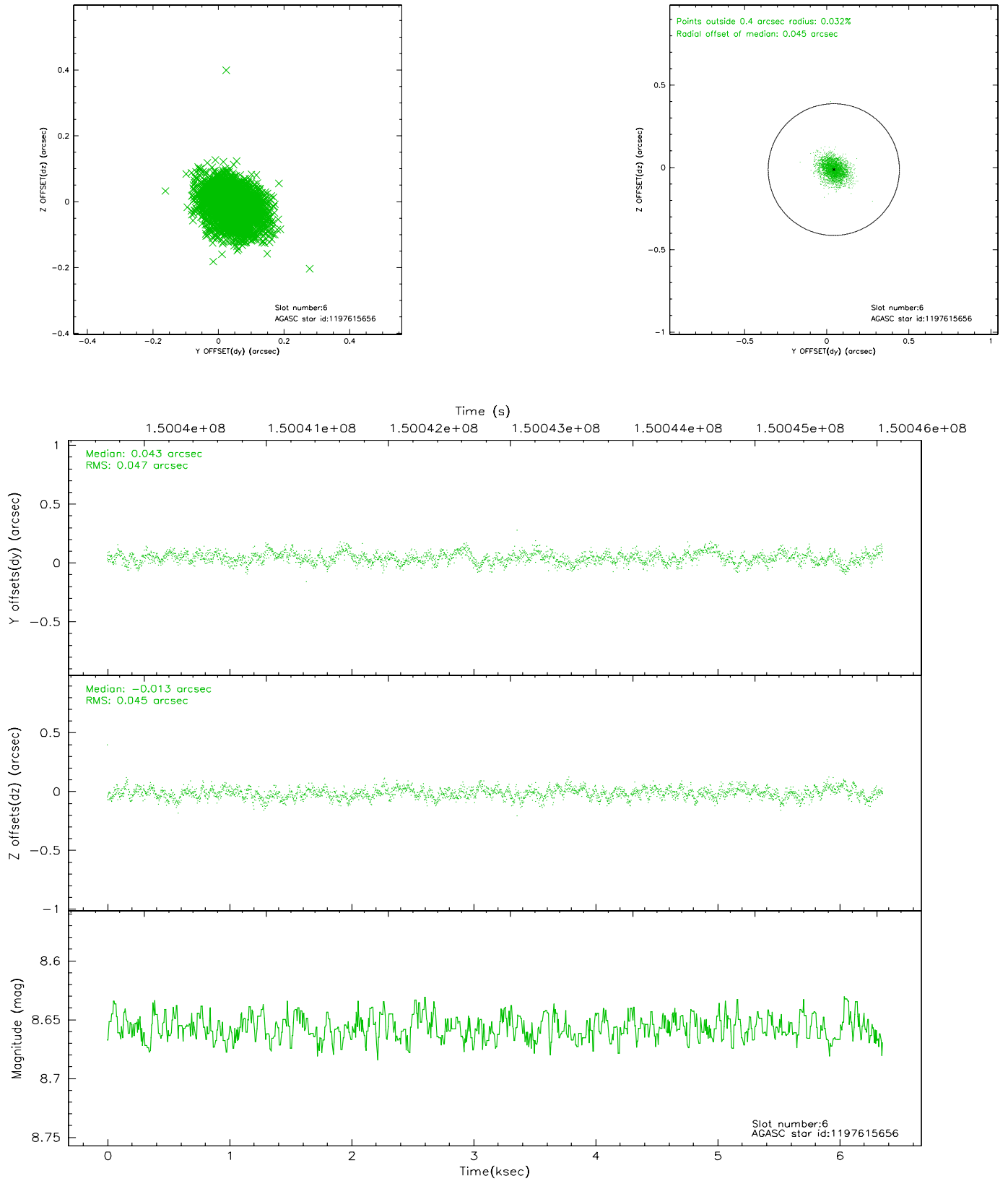
## 2.4.2 Slot 4



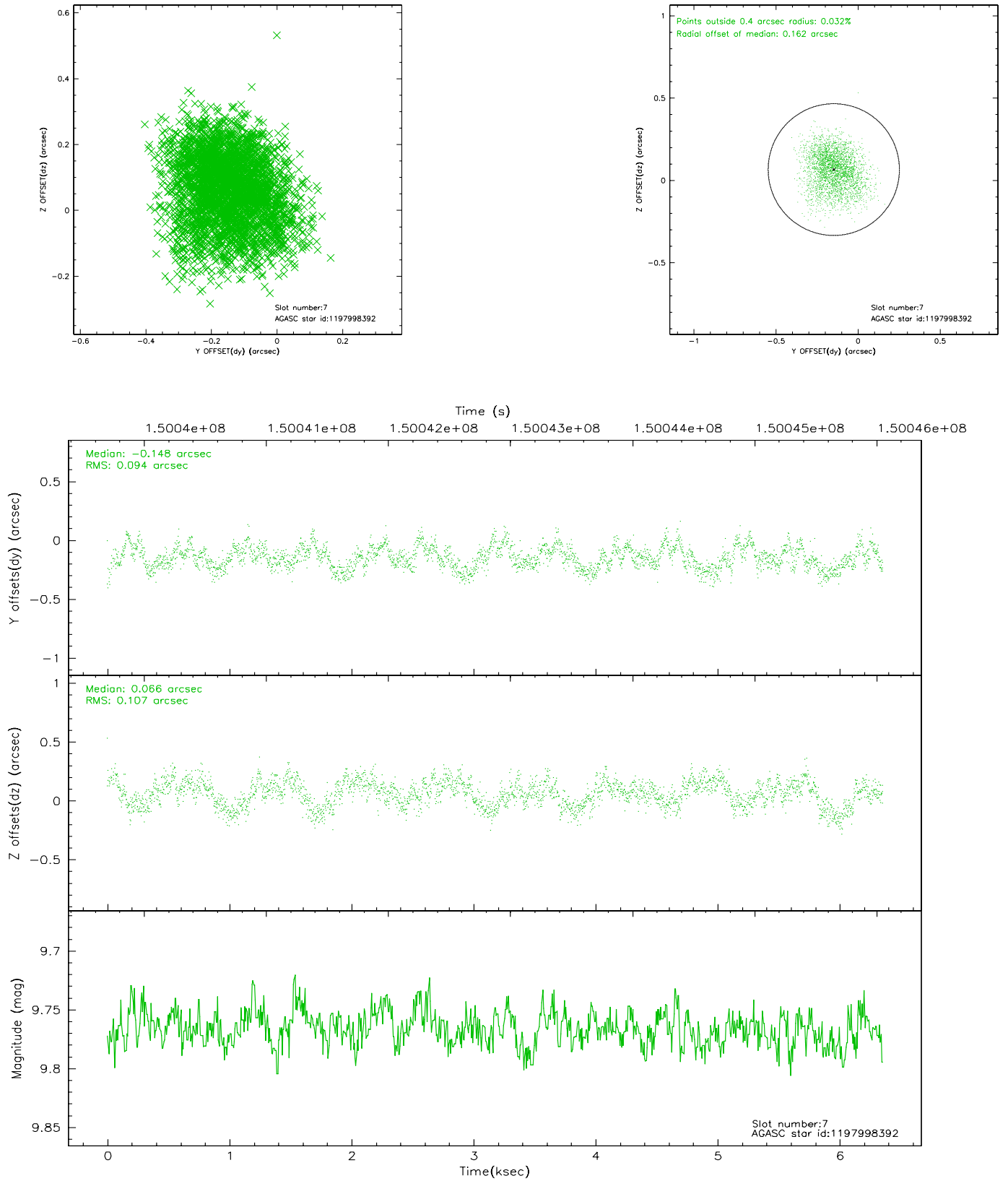
### 2.4.3 Slot 5



## 2.4.4 Slot 6

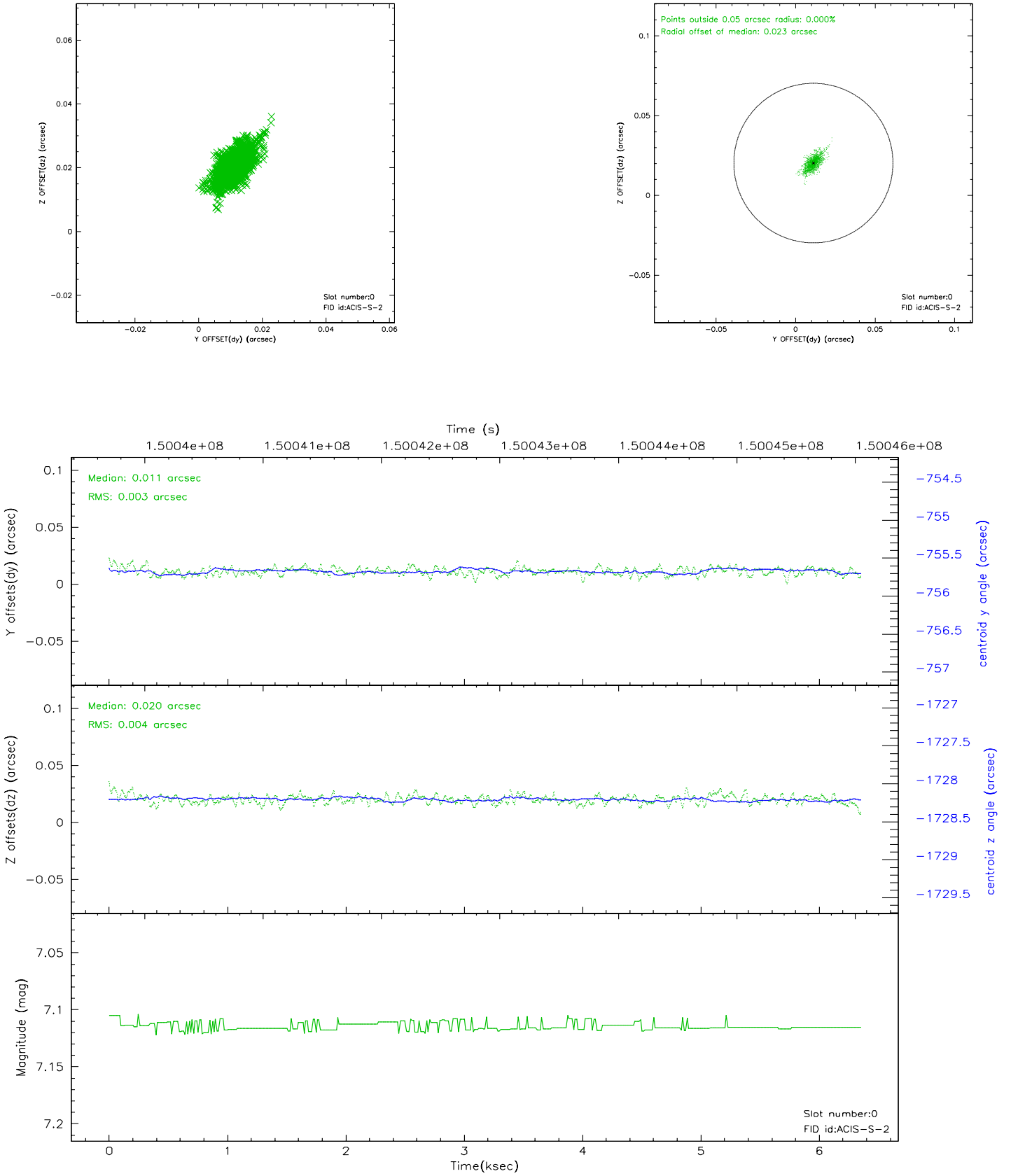


## 2.4.5 Slot 7

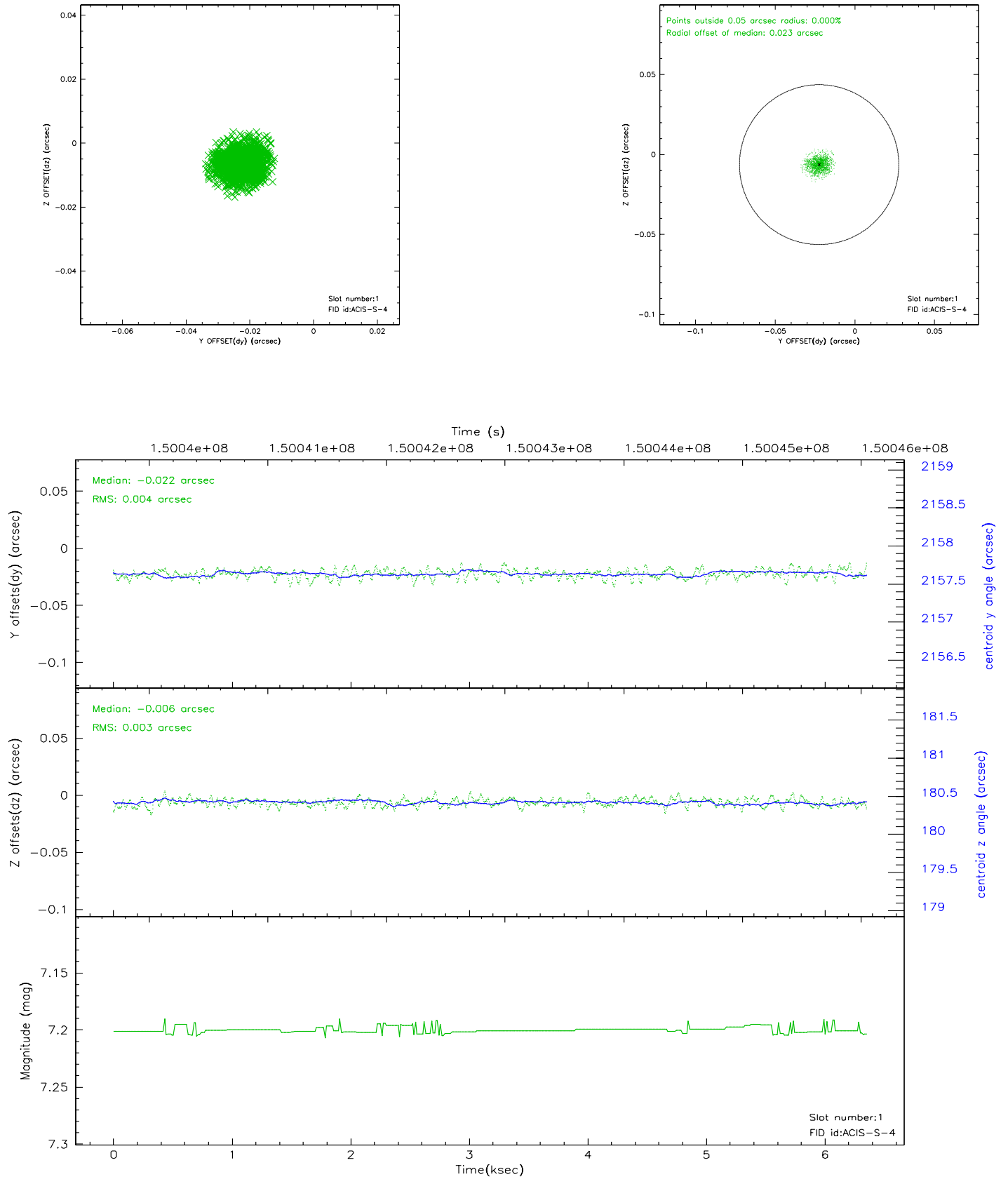


## 2.5 FID Slots

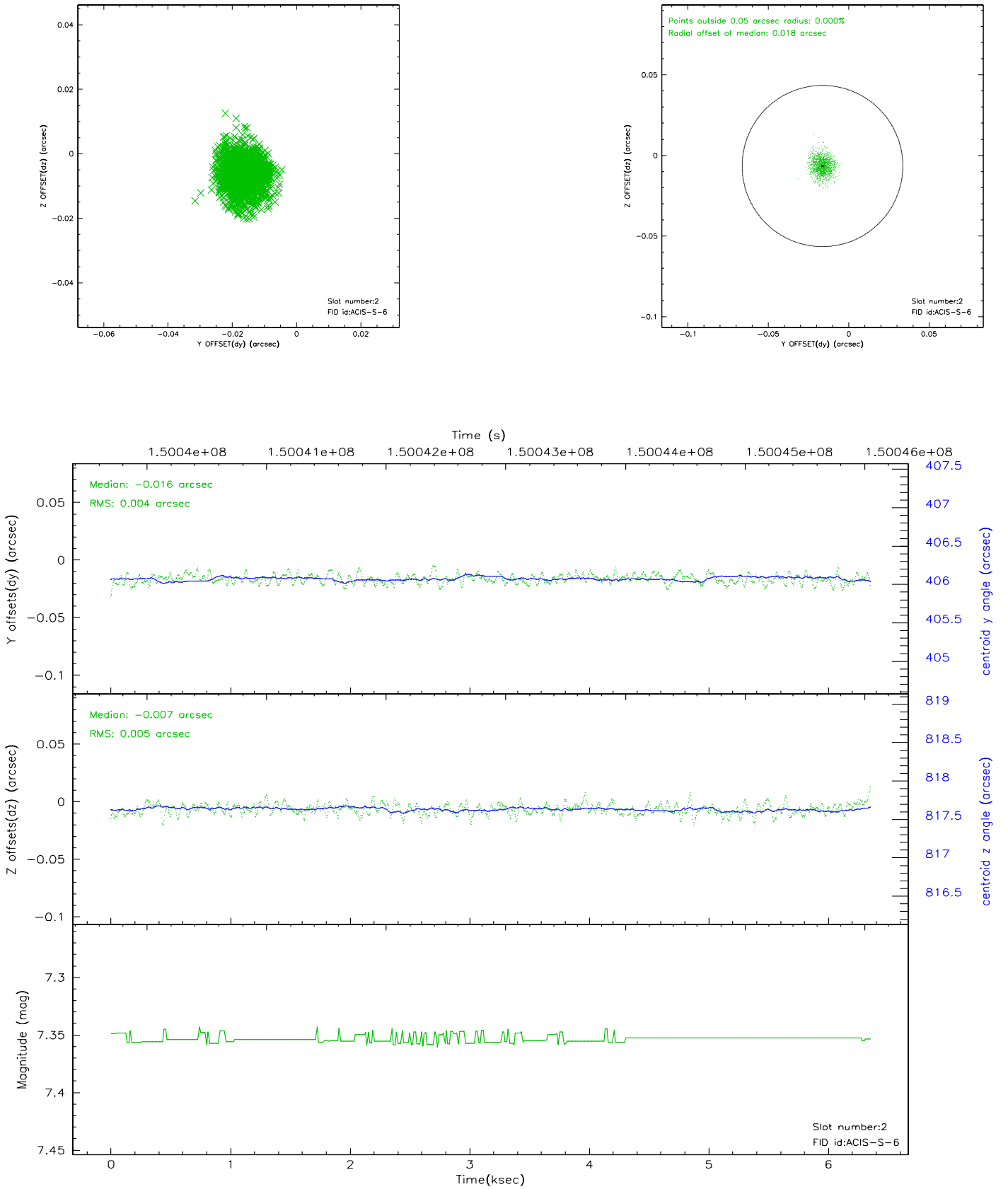
### 2.5.1 Slot 0



## 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)	2006.10.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.829

### A.2 Comments