

# V&V Reference Report

## L2 ASCDS Version : 7.6.7.2

Observation 4784 - L2 Version 001  
Chandra X-Ray Center

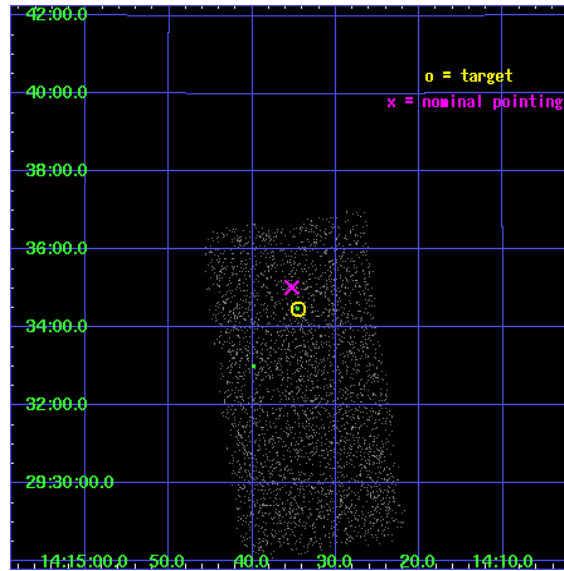
L2 Processing Date : Jun 4 2006

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# 1 Front

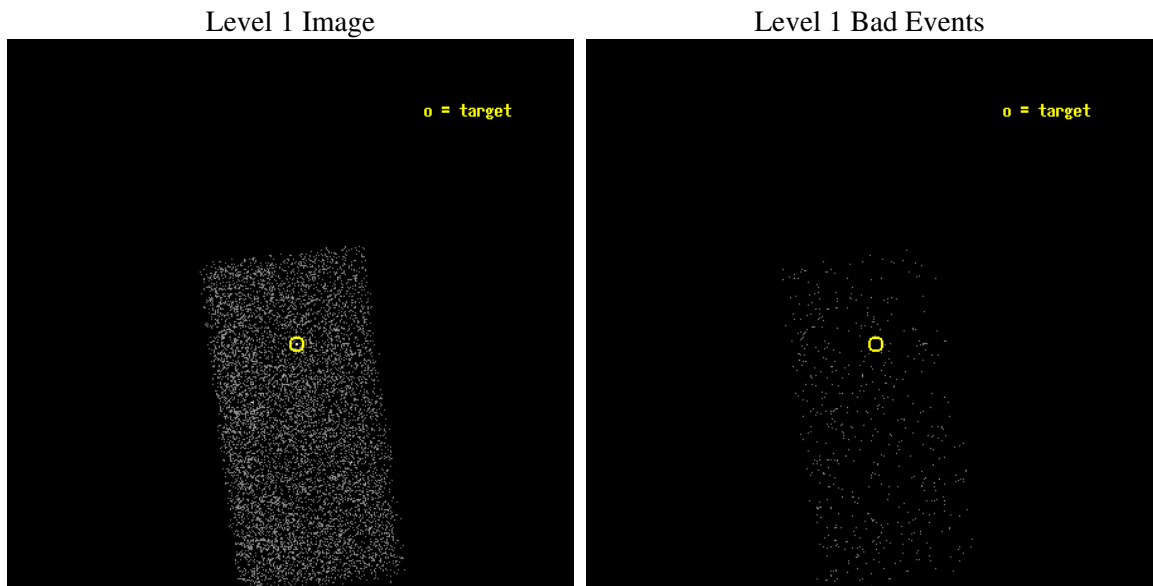
seq_num	700867
obs_id	4784
title	Anchoring the AGN X-ray Luminosity Function
observer	Dr. JOHN SALZER
object	F1410-276
dtcycle	0
cycle	P
ra_targ	213.64375
dec_targ	29.574639
ra_nom	213.64705295795
dec_nom	29.583790063489
roll_nom	82.674650702096
revision	2
ontime	2211.0
livetime	2152.1180501479
ontime7	2211.0
l2events	3902



## 2 OBI

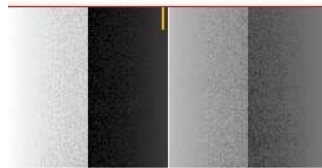
### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias

Chip 7



### 2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.2
caldbver	3.2.2
date	2006-06-04T11:25:39
revision	2

sched_exp_time	2004.036000
ontime	2795.4124622345
ontime7	2795.4124622345
l1events	11947

### 2.1.4 Events

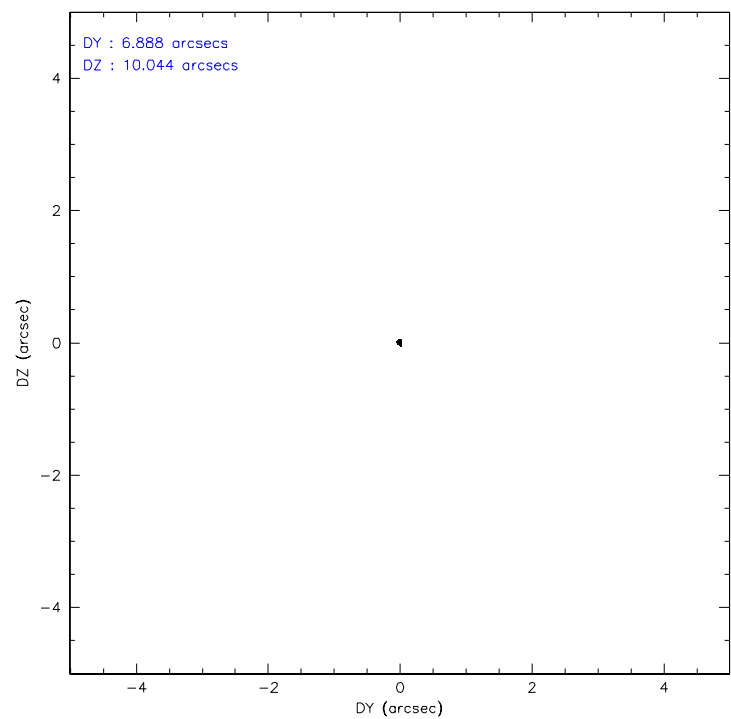
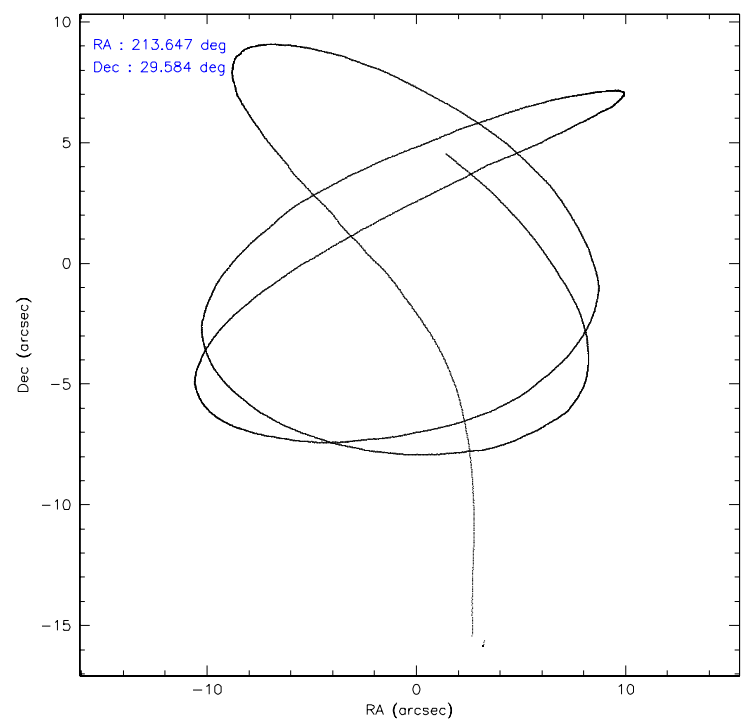
	<b>ccd 7</b>
level 1 events	11947
rejected events	7936
rejected %	66%

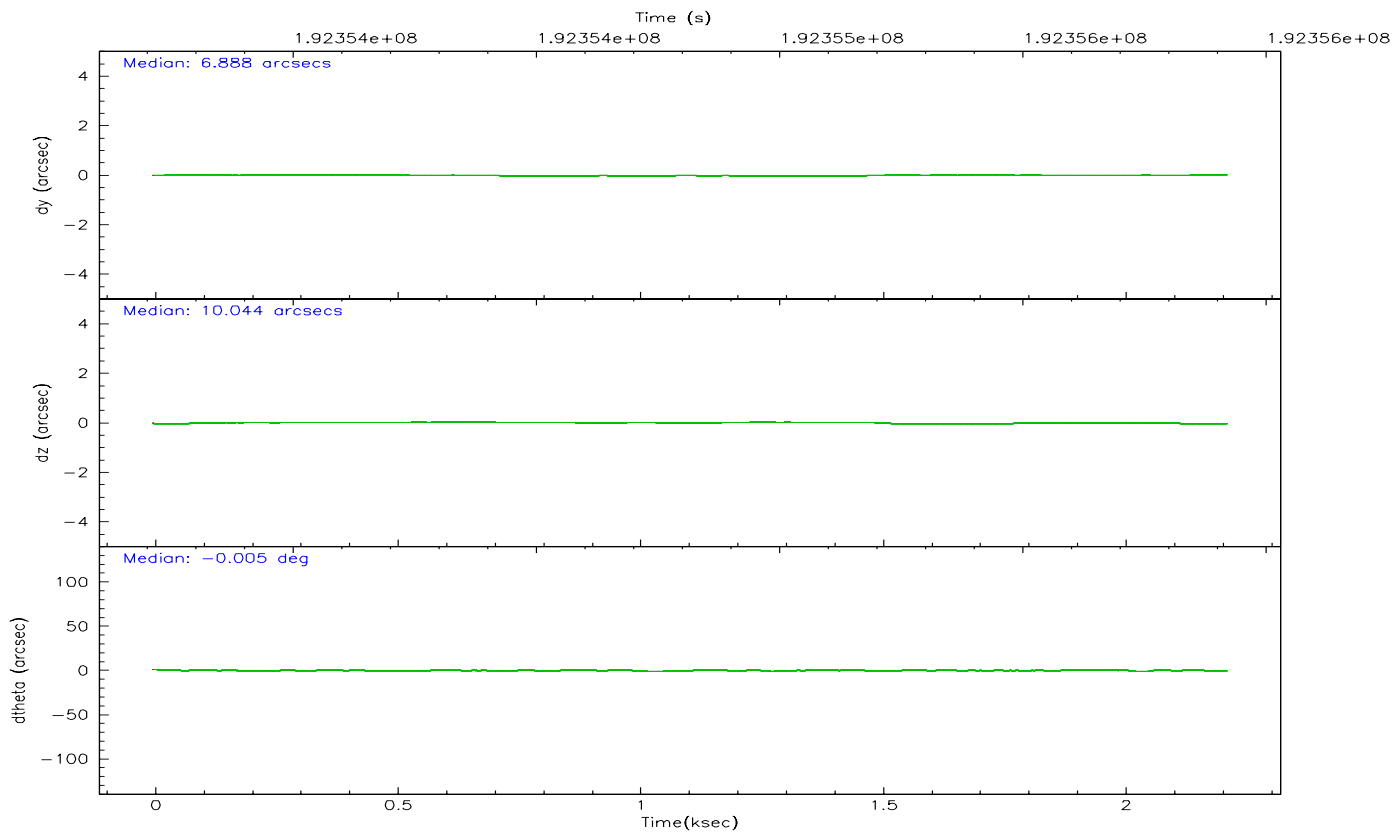
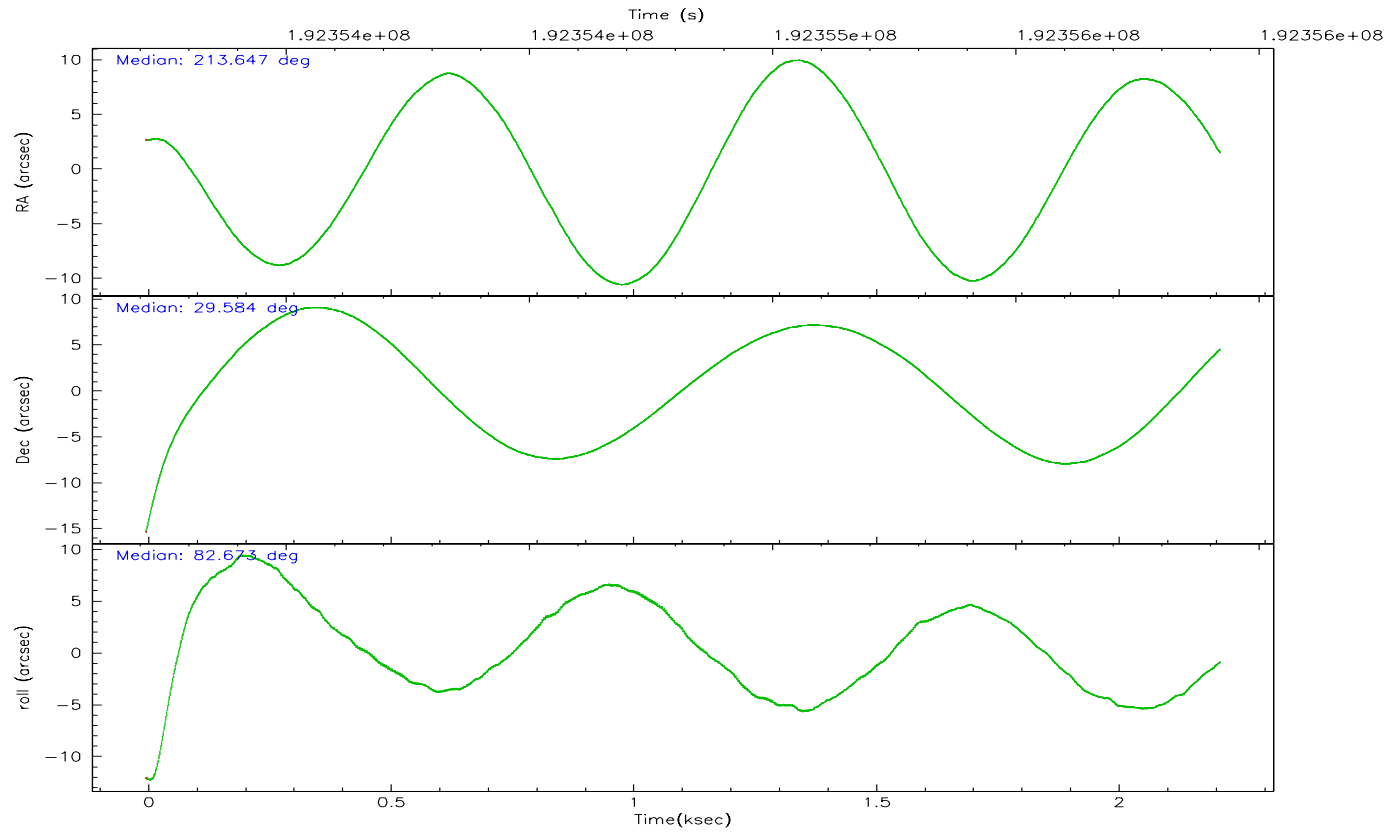
	<b>ccd 7</b>
grade 0 events	375
	3%
grade 1 events	10
	0%
grade 2 events	1214
	10%
grade 3 events	304
	2%
grade 4 events	283
	2%
grade 5 events	817
	6%
grade 6 events	2825
	23%
grade 7 events	6119
	51%

## 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	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	1/2	1/2
Pointing RA	213.659541	213.6470529579459	Subarray start row	0	257
Pointing Dec	29.558884	29.58379006348932	Subarray row count	1024	512
Pointing Roll	82.511956	82.67465070209613	Alternating exposures requested	N	N
SIM focus pos (mm)	-0.684267	-0.6828225247311905	Primary exposure time	0.000000	1.5
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	192353916.184000	192352939.71848			
Observation start date	2004-02-05T07:37:32	2004-02-05T07:22:19			
Observation end time	192355920.184000	192356234.58112			
Observation end date	2004-02-05T08:10:56	2004-02-05T08:17:14			
Read mode	TIMED	TIMED			

2.3 Aspect





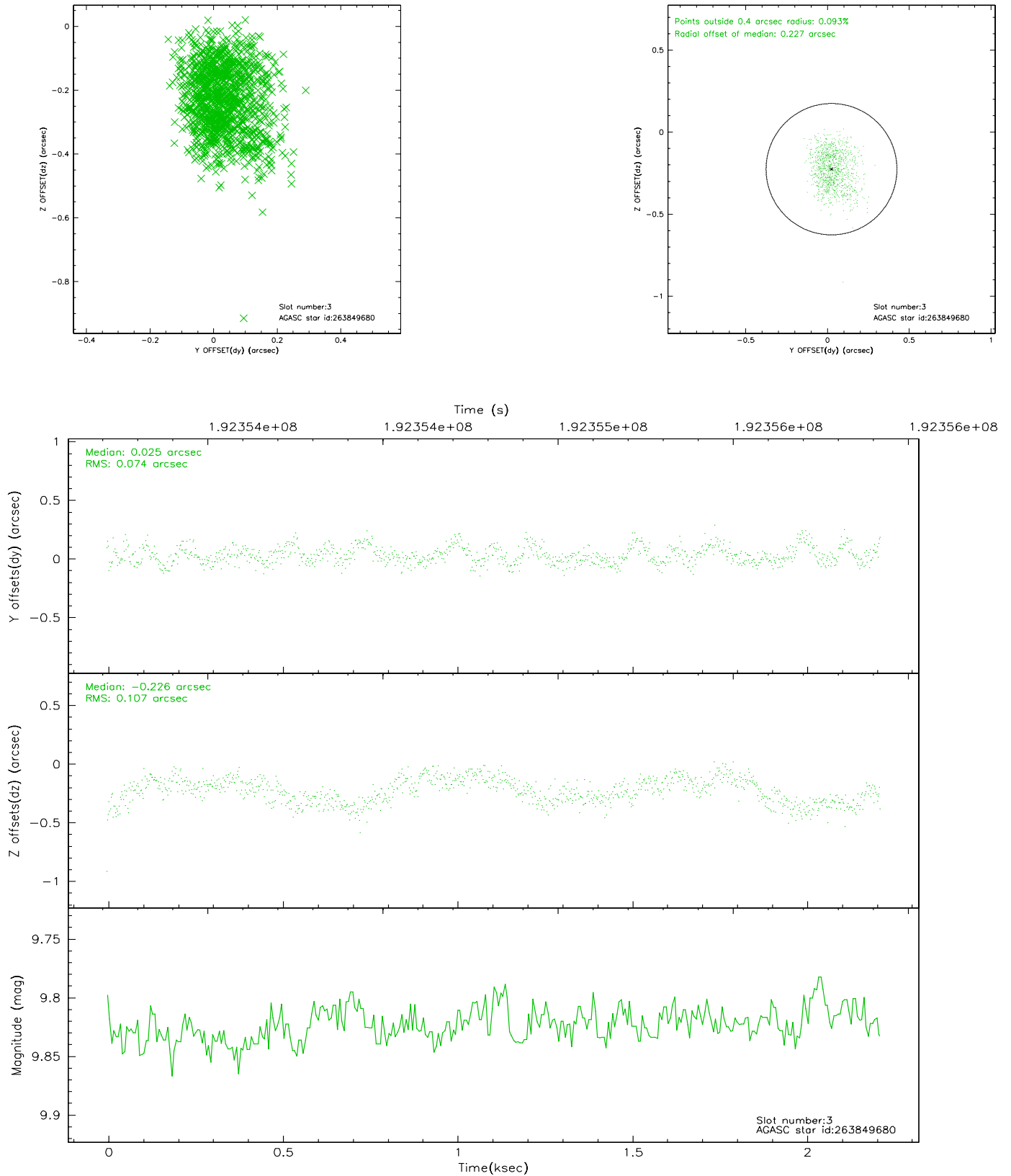
### Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.09	541	-0.036	0.001	0.007	0.010	0.000000	0.000000	-759.63	-1731.25
1	FID	ACIS-S-4	7.20	541	0.036	0.017	0.005	0.009	0.000000	0.000000	2152.35	174.27
2	FID	ACIS-S-5	7.23	541	-0.031	-0.010	0.006	0.010	0.000000	0.000000	-1808.73	171.17
3	GUIDE	263849680	9.82	1081	0.025	-0.226	0.137	0.218	212.915056	29.396640	-875.79	2239.81
4	GUIDE	263852096	9.63	1080	0.079	-0.070	0.090	0.154	213.680237	29.769267	758.87	36.65
5	GUIDE	263855264	8.75	1081	0.149	0.250	0.067	0.108	213.623938	29.084947	-1705.12	-111.14
6	GUIDE	333716008	8.96	1081	-0.052	0.070	0.084	0.133	213.233857	30.110972	1798.90	1574.11
7	GUIDE	333717496	7.82	1080	-0.217	-0.023	0.056	0.088	213.487823	30.217182	2282.64	841.82

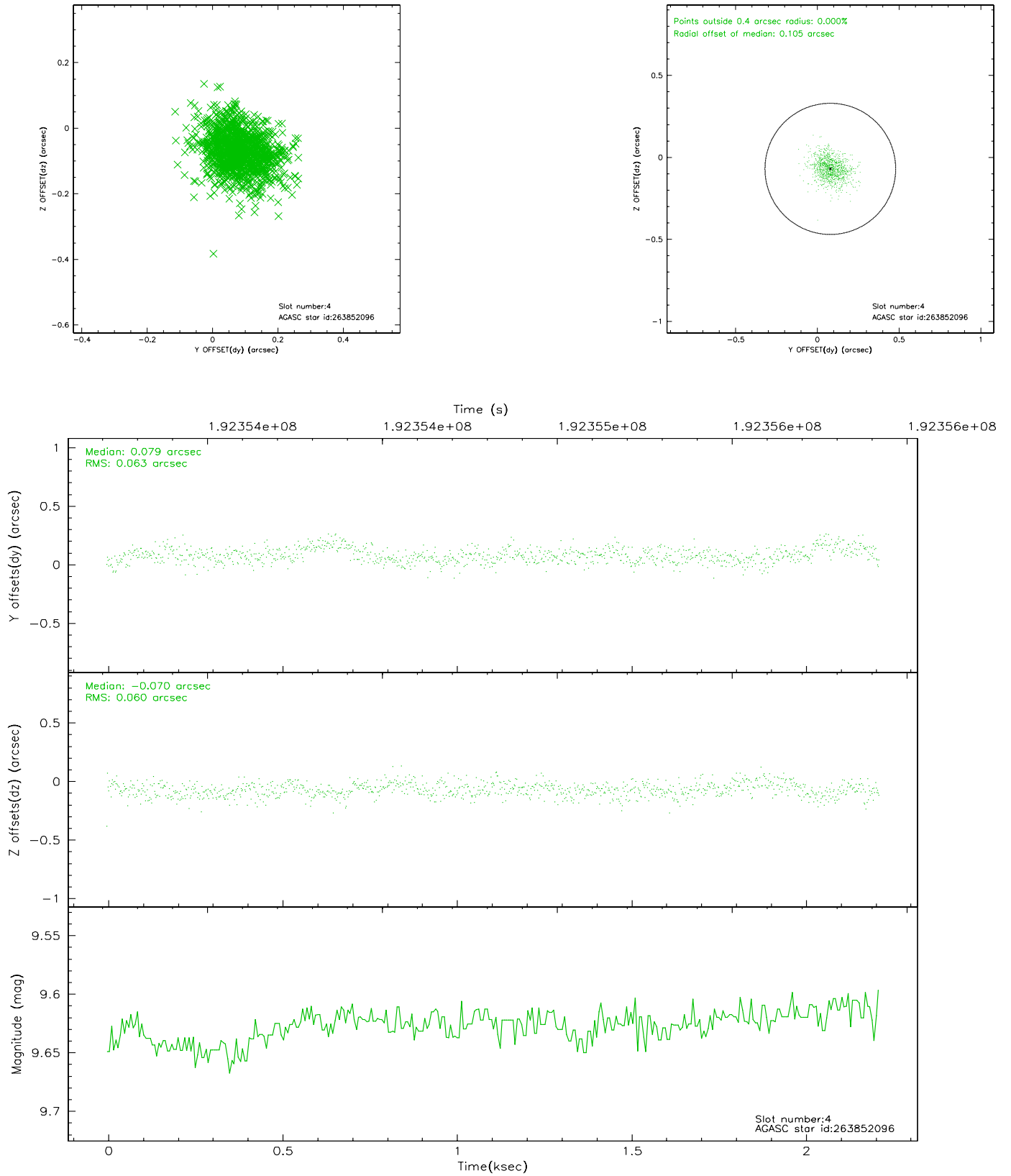


## 2.4 Star Slots

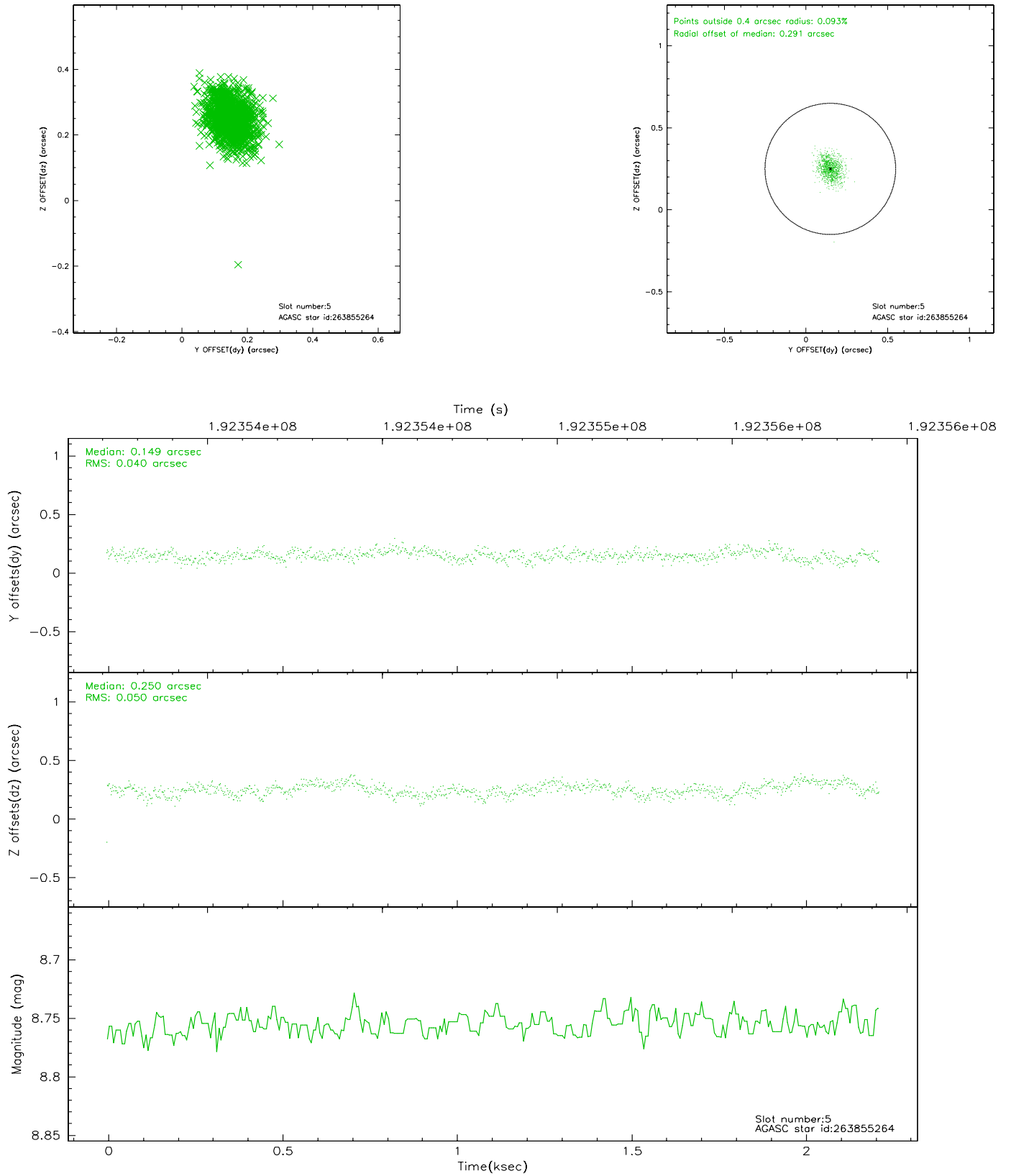
### 2.4.1 Slot 3



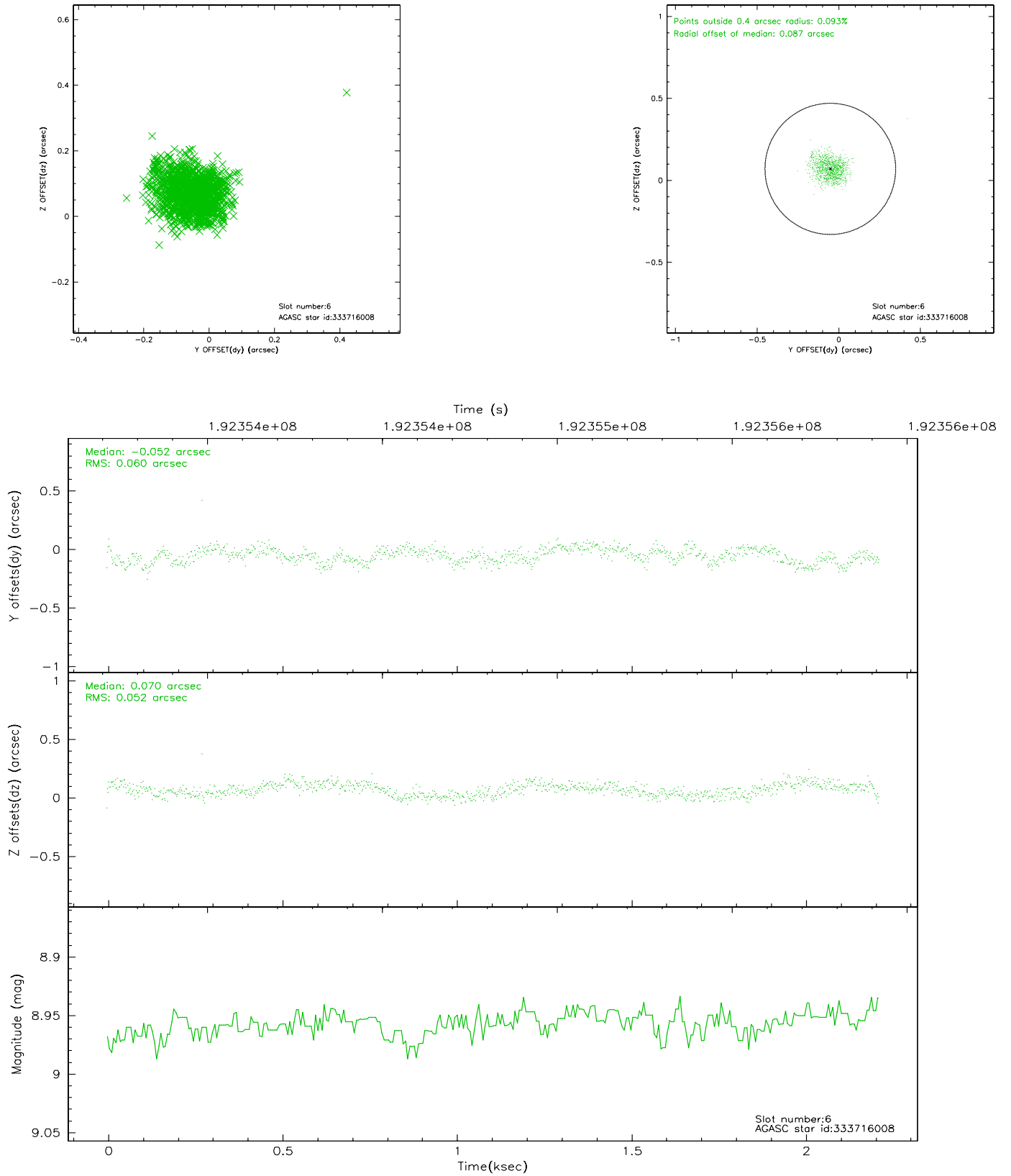
## 2.4.2 Slot 4



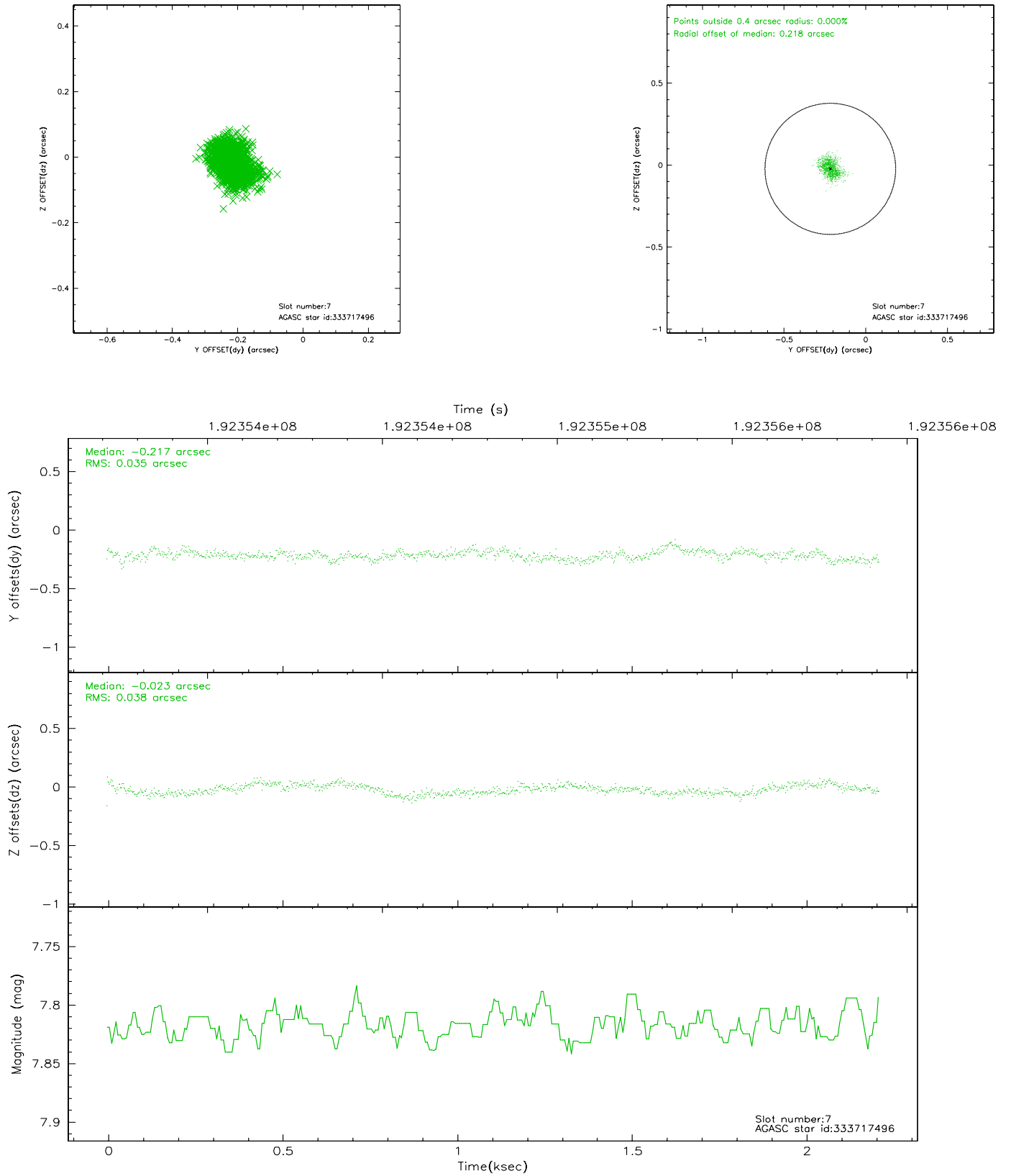
### 2.4.3 Slot 5



## 2.4.4 Slot 6

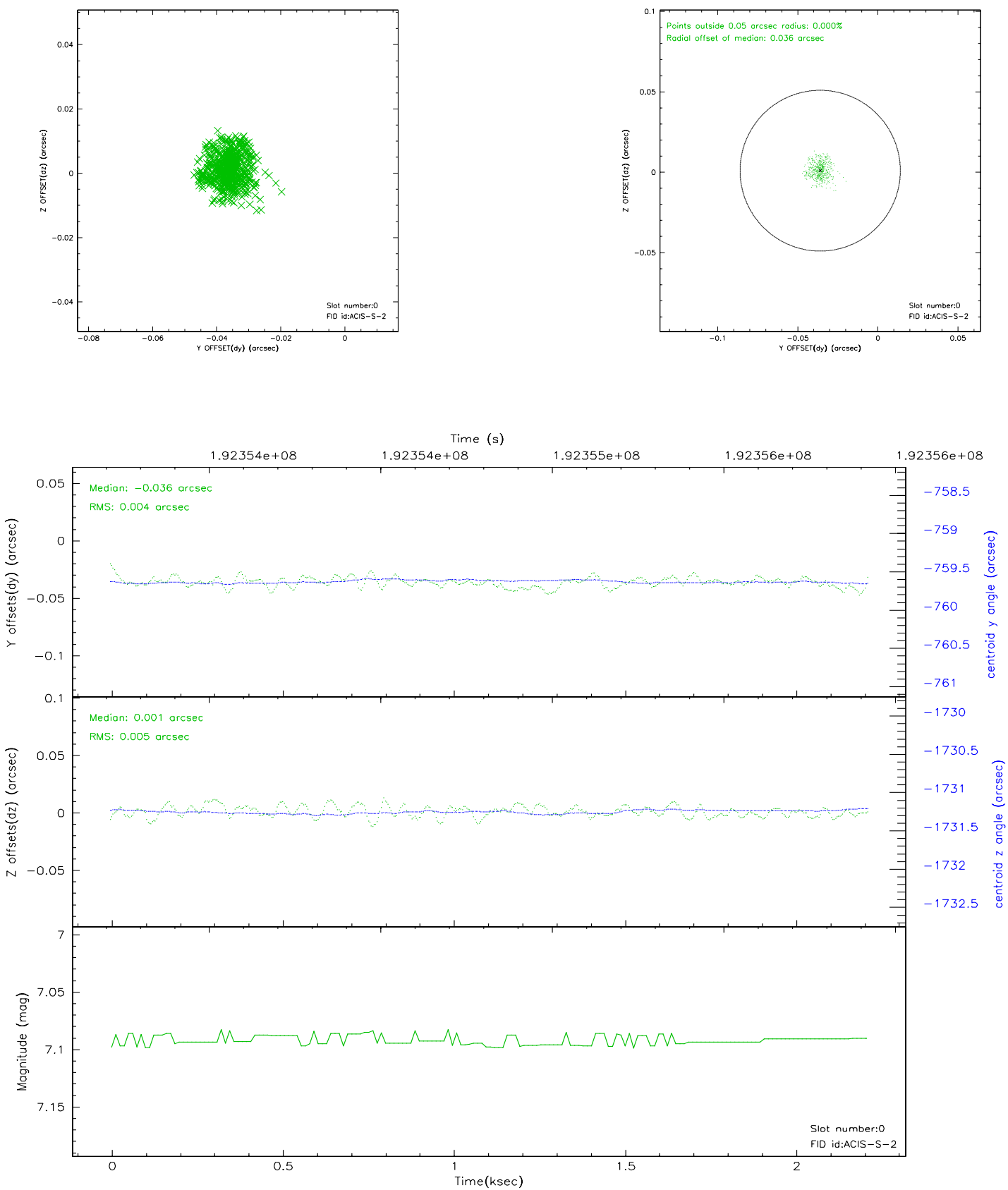


## 2.4.5 Slot 7

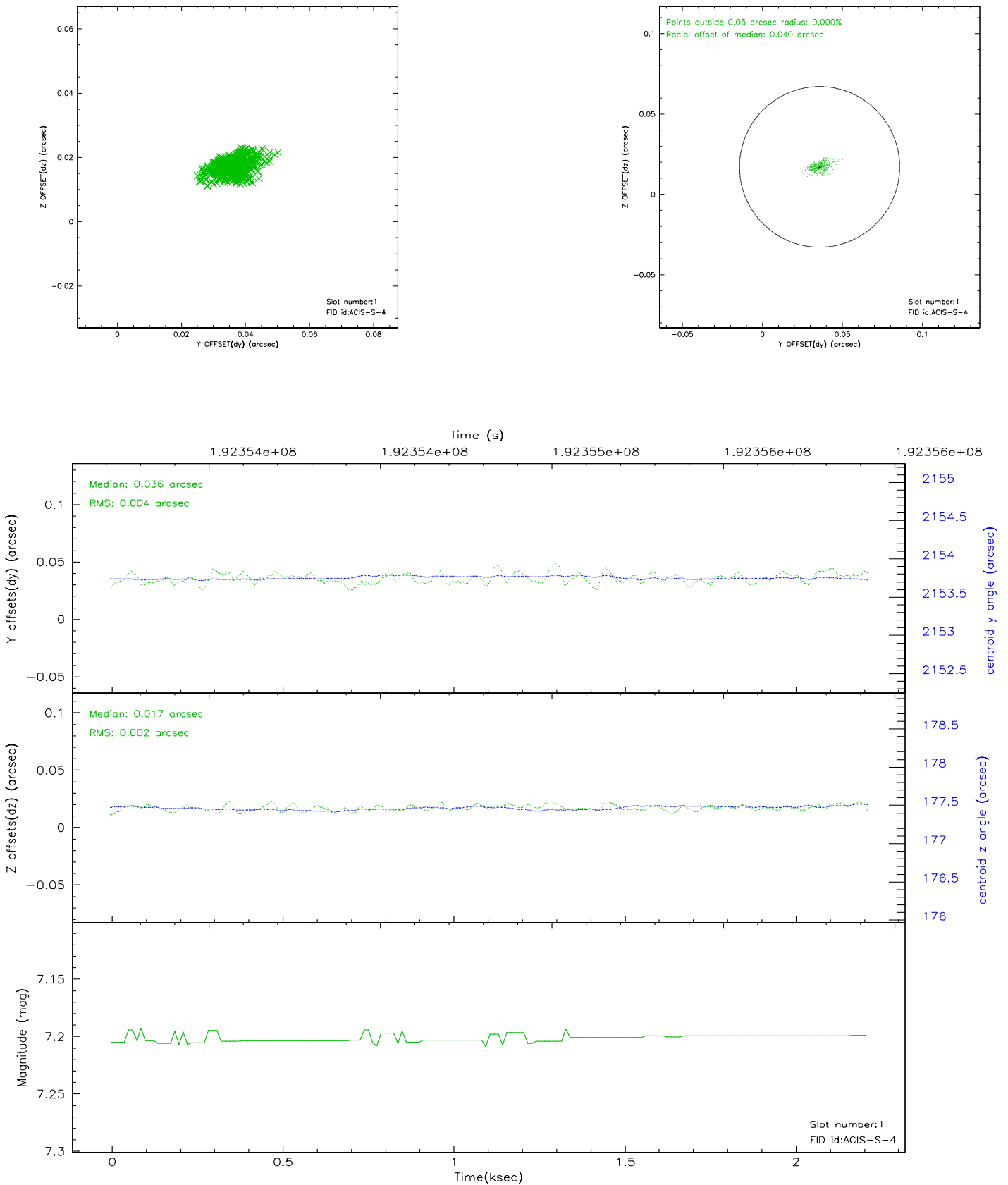


## 2.5 FID Slots

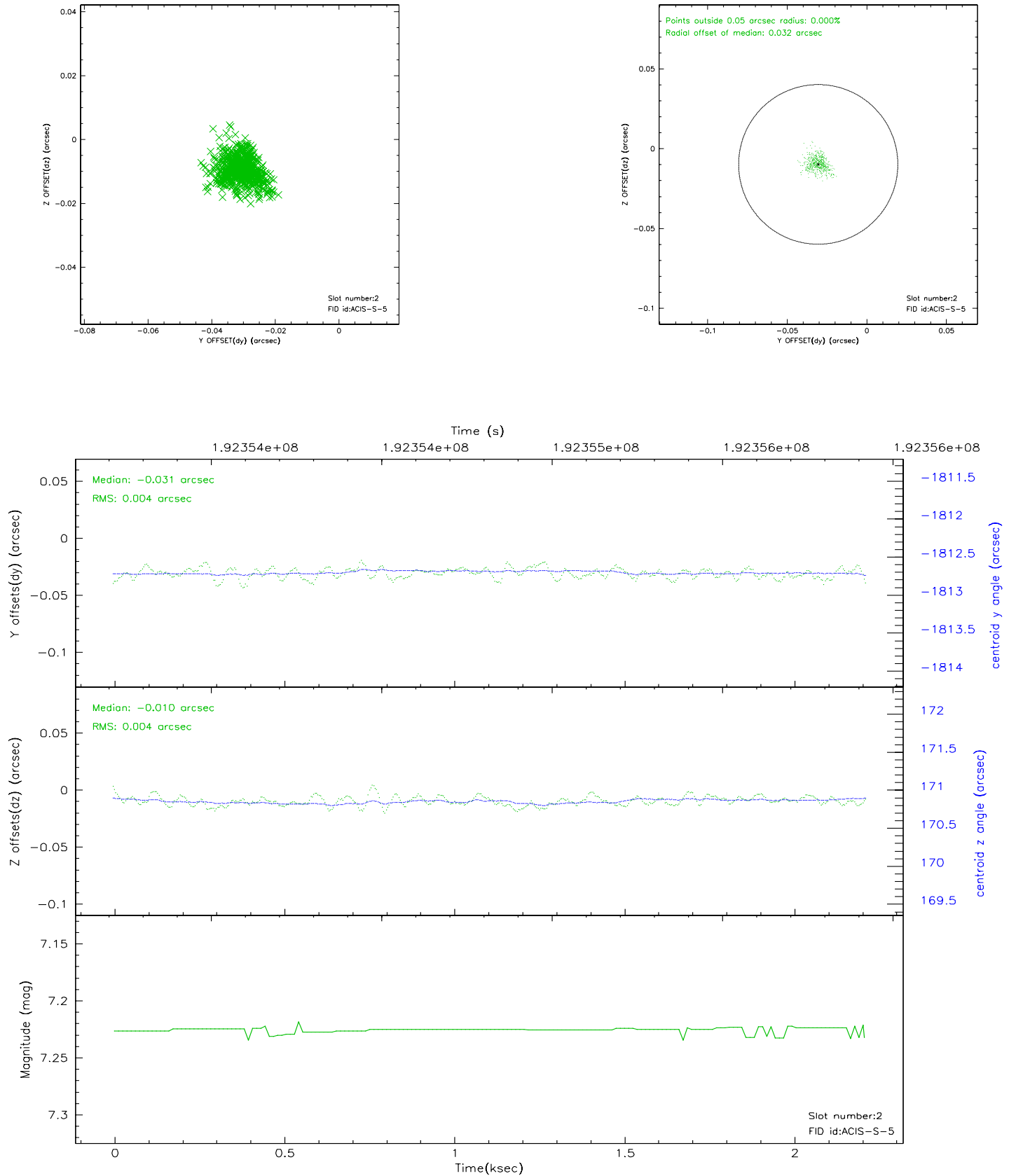
### 2.5.1 Slot 0



## 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)	2006.06.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.211

### A.2 Comments