

# V&V Reference Report

## L2 ASCDS Version : 7.6.7

Observation 6030 - L2 Version 002  
Chandra X-Ray Center

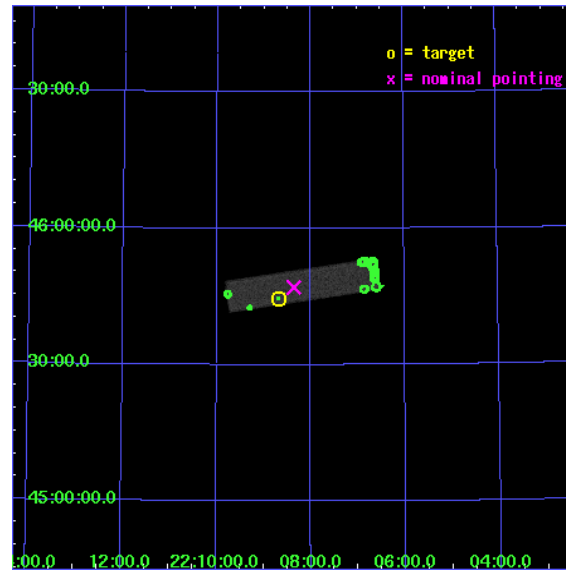
L2 Processing Date: Feb 22 2006

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# 1 Front

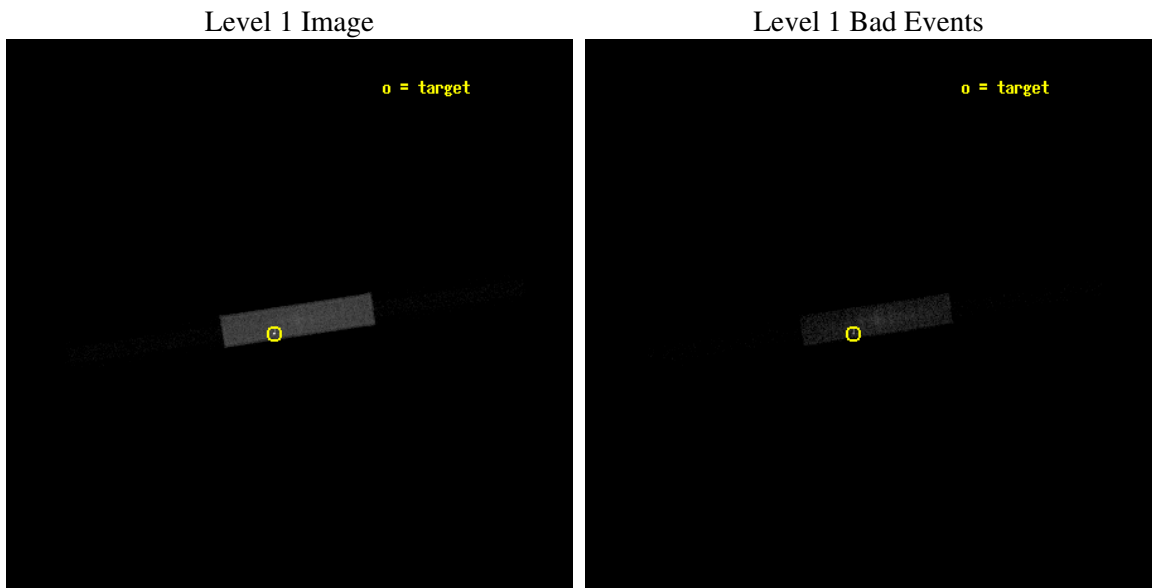
seq_num	290522
obs_id	6030
title	AO6A Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain
observer	Dr. CXC Calibration
object	ArLac
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.08922029889
dec_nom	45.783811376429
roll_nom	351.39978006915
revision	2
ontime	1155.4313022792
livetime	1148.5659270848
l2events	45114



## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



### 2.1.2 Parameters

obi_num	0
ascdsver	7.6.7
caldbver	3.2.1
date	2006-02-22T21:44:45
revision	2

sched_exp_time	1000.000000
ontime	1185.1563036442
l1events	77444

### 2.1.3 Events

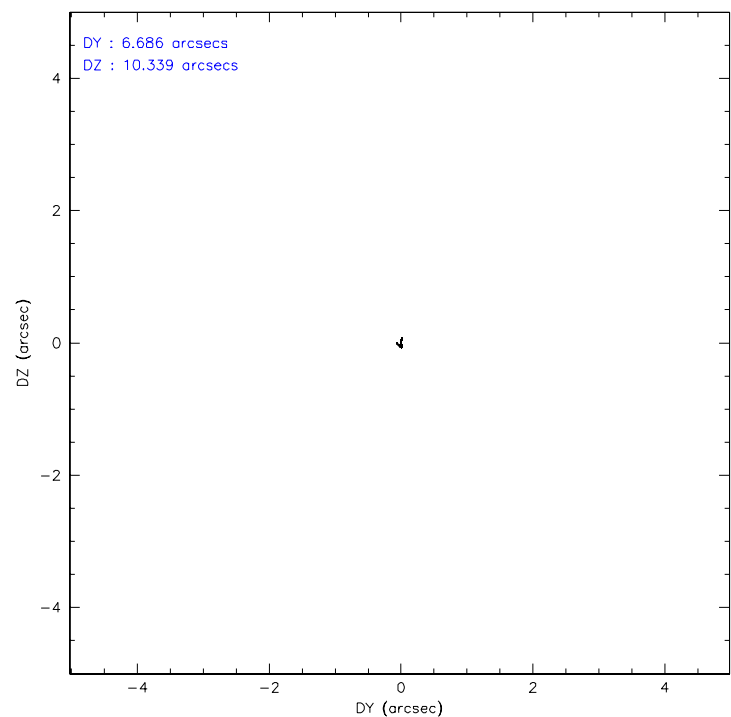
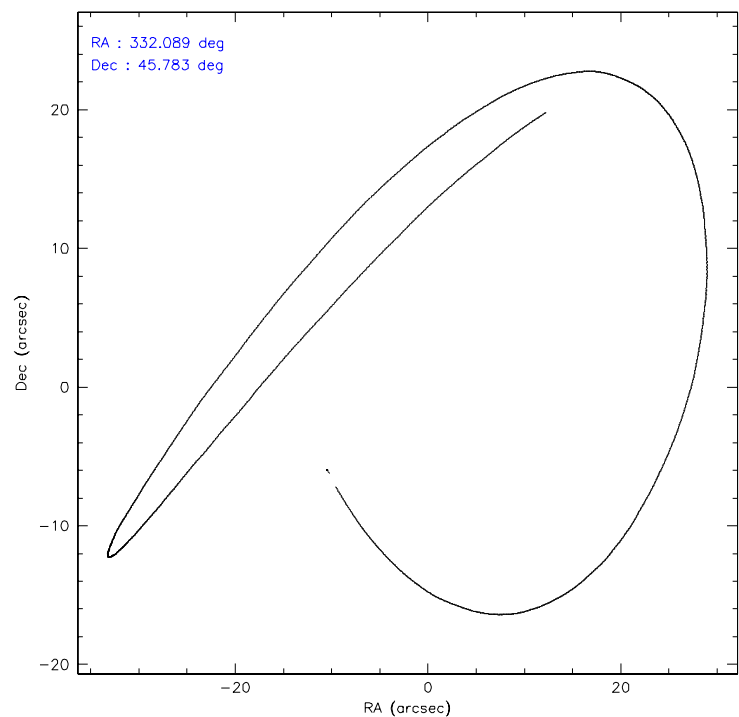
Level 1 Events

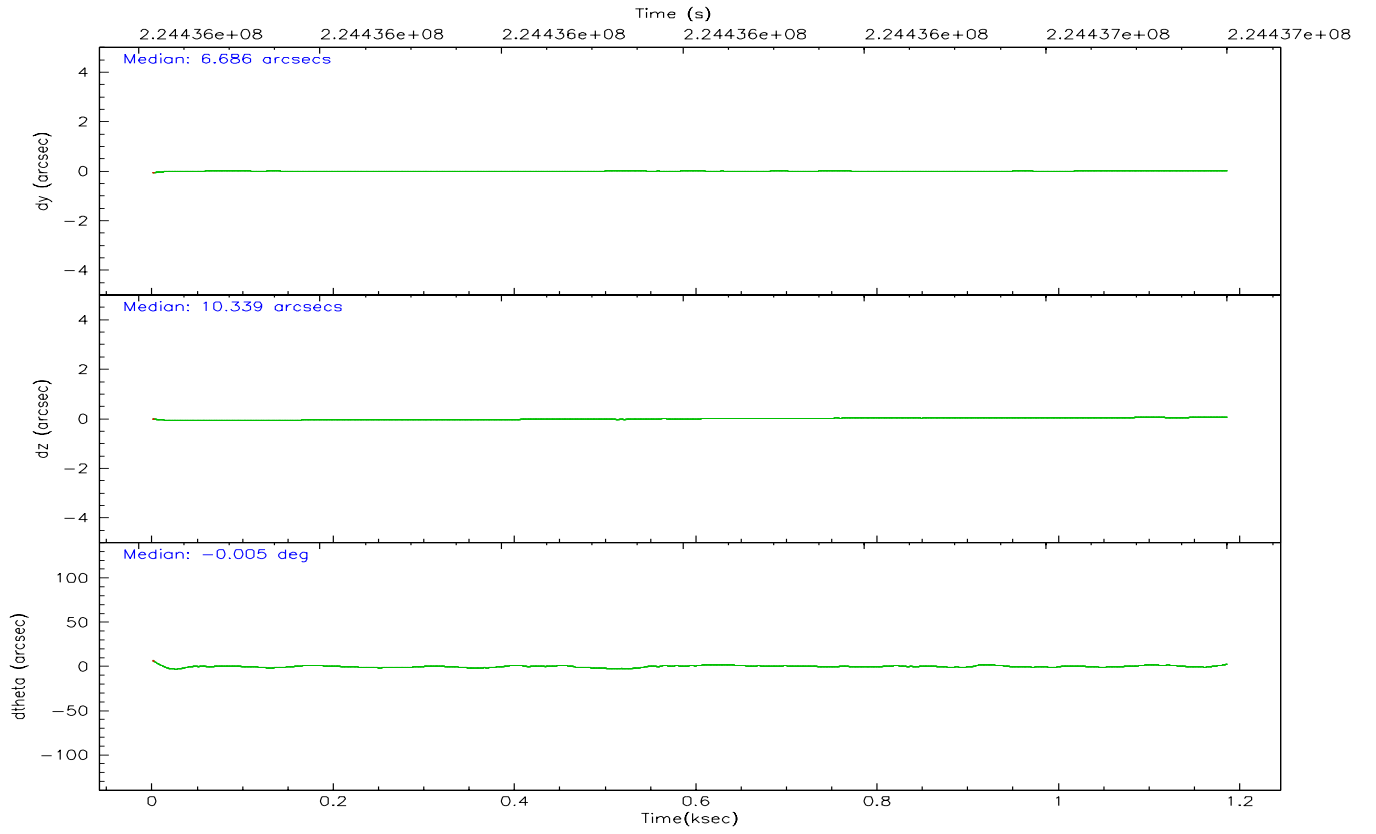
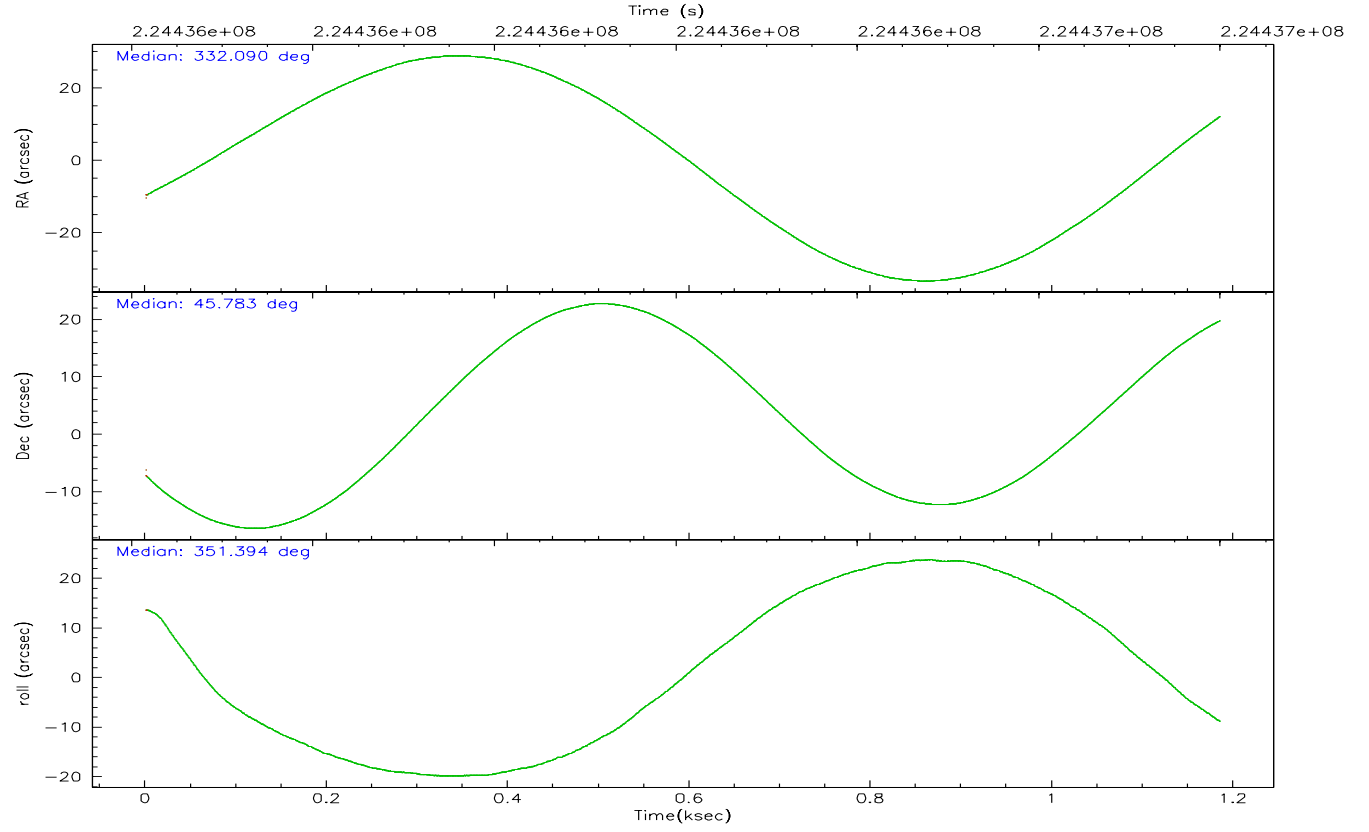
	<b>segment 1</b>	<b>segment 2</b>	<b>segment 3</b>
level 1 events	669	76120	655
rejected events	669	27689	655
rejected %	100%	36%	100%

## 2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	6	6
Detector	HRC-S	HRC-S	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
Pointing RA	332.051974	332.0892202988949			
Pointing Dec	45.772749	45.78381137642941			
Pointing Roll	351.359089	351.3997800691468			
SIM focus pos (mm)	-1.429586	-1.428180813131781			
SIM defocus (mm)	0.1037507710433287	0.1051558262725154			
SIM translation stage pos (mm)	250.455976	250.466033080201			
SIM translation stage offset (mm)	0	-0.01005468664627074			
Observation start time	224435803.184000	224435427.30798			
Observation start date	2005-02-10T15:15:39	2005-02-10T15:10:27			
Observation end time	224436803.184000	224436937.13305			
Observation end date	2005-02-10T15:32:19	2005-02-10T15:35:37			

2.3 Aspect





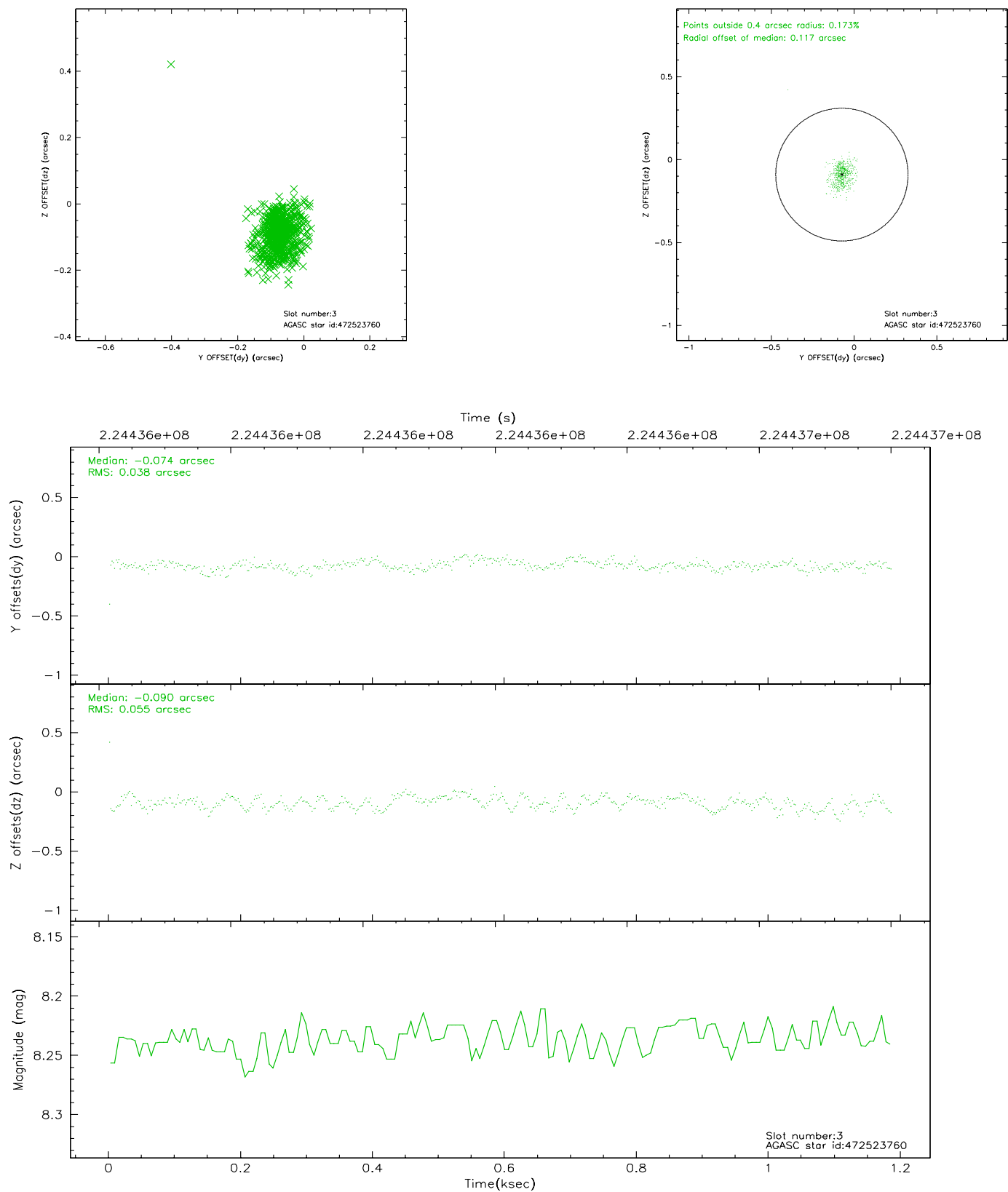
### Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.03	290	0.081	-0.122	0.005	0.008	0.000000	0.000000	-1160.86	-459.03
1	FID	HRC-S-2	7.03	290	0.142	-0.150	0.010	0.019	0.000000	0.000000	1234.88	-453.21
2	FID	HRC-S-4	6.99	290	0.180	-0.032	0.009	0.018	0.000000	0.000000	1241.73	571.66
3	GUIDE	472523760	8.24	579	-0.074	-0.090	0.068	0.106	331.645363	45.403260	-816.70	-1464.36
4	GUIDE	472535576	7.85	579	-0.040	0.083	0.055	0.087	331.438373	46.291802	-1792.36	1624.05
5	GUIDE	472536328	8.13	579	-0.035	-0.008	0.064	0.101	331.496671	46.454831	-1734.71	2230.90
6	GUIDE	472665256	9.01	579	-0.081	0.010	0.097	0.169	332.808125	46.195041	1629.88	1801.72
7	GUIDE	472655152	9.43	576	0.223	-0.000	0.094	0.155	332.504239	45.862991	1074.62	500.67

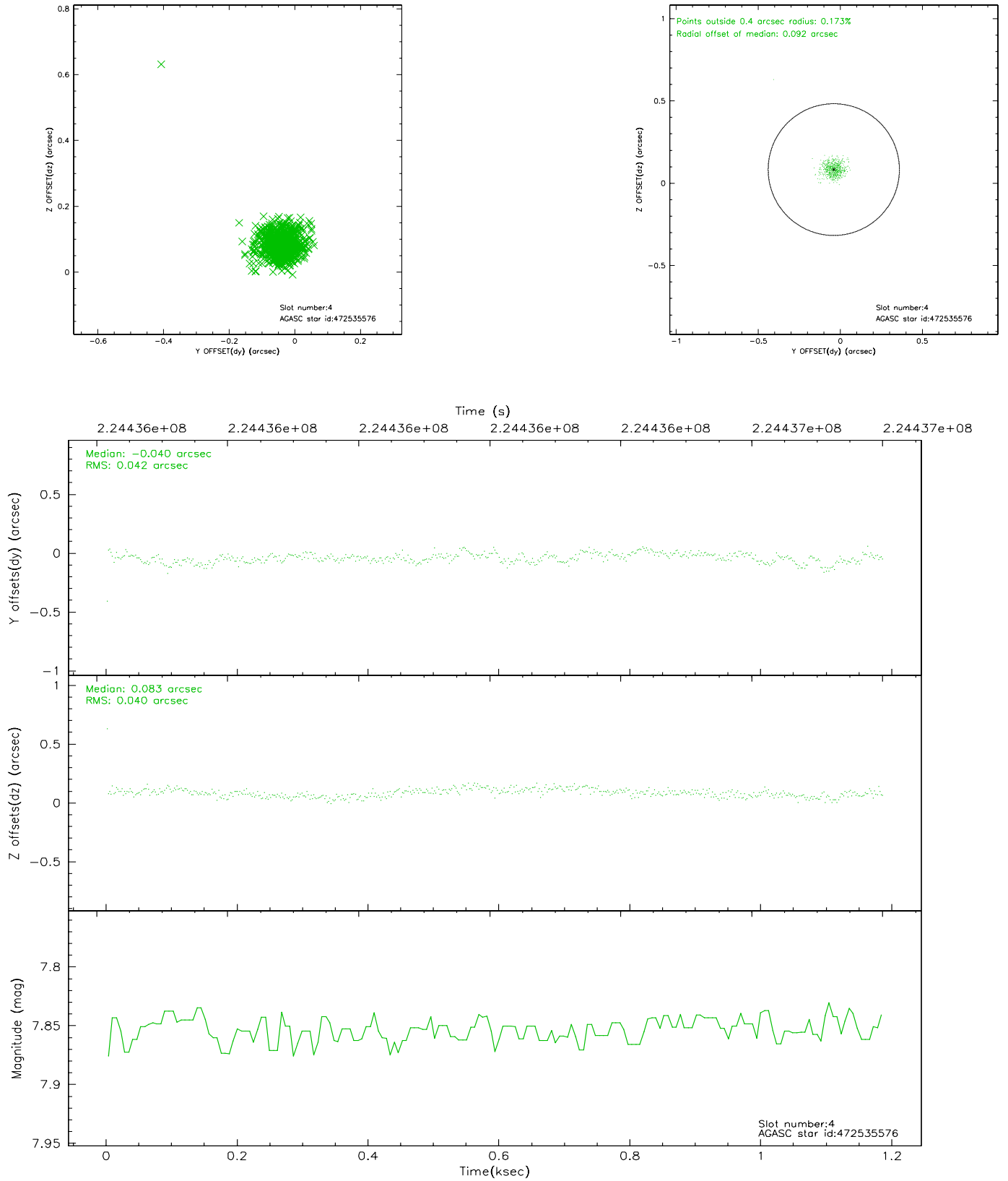


## 2.4 Star Slots

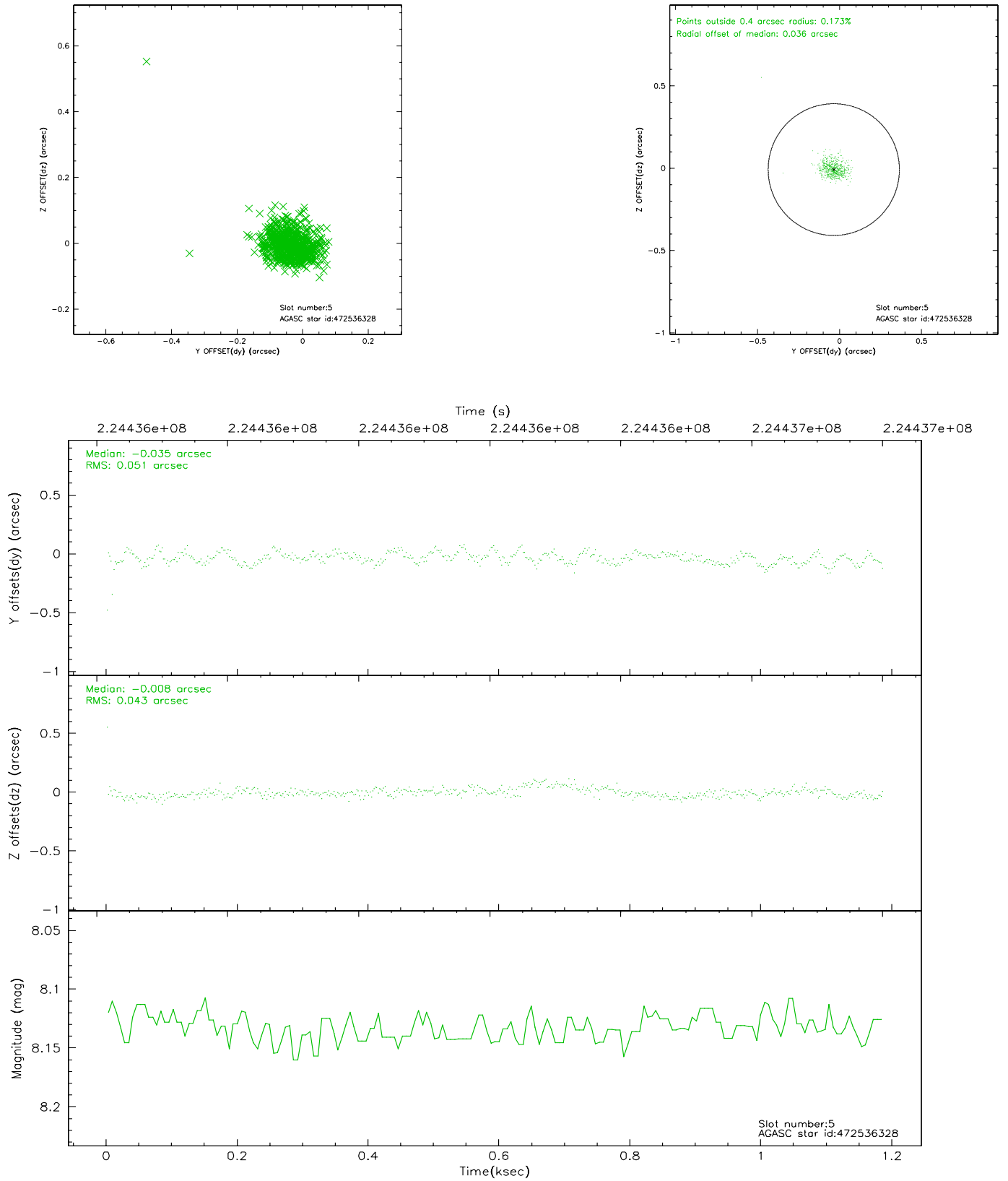
### 2.4.1 Slot 3



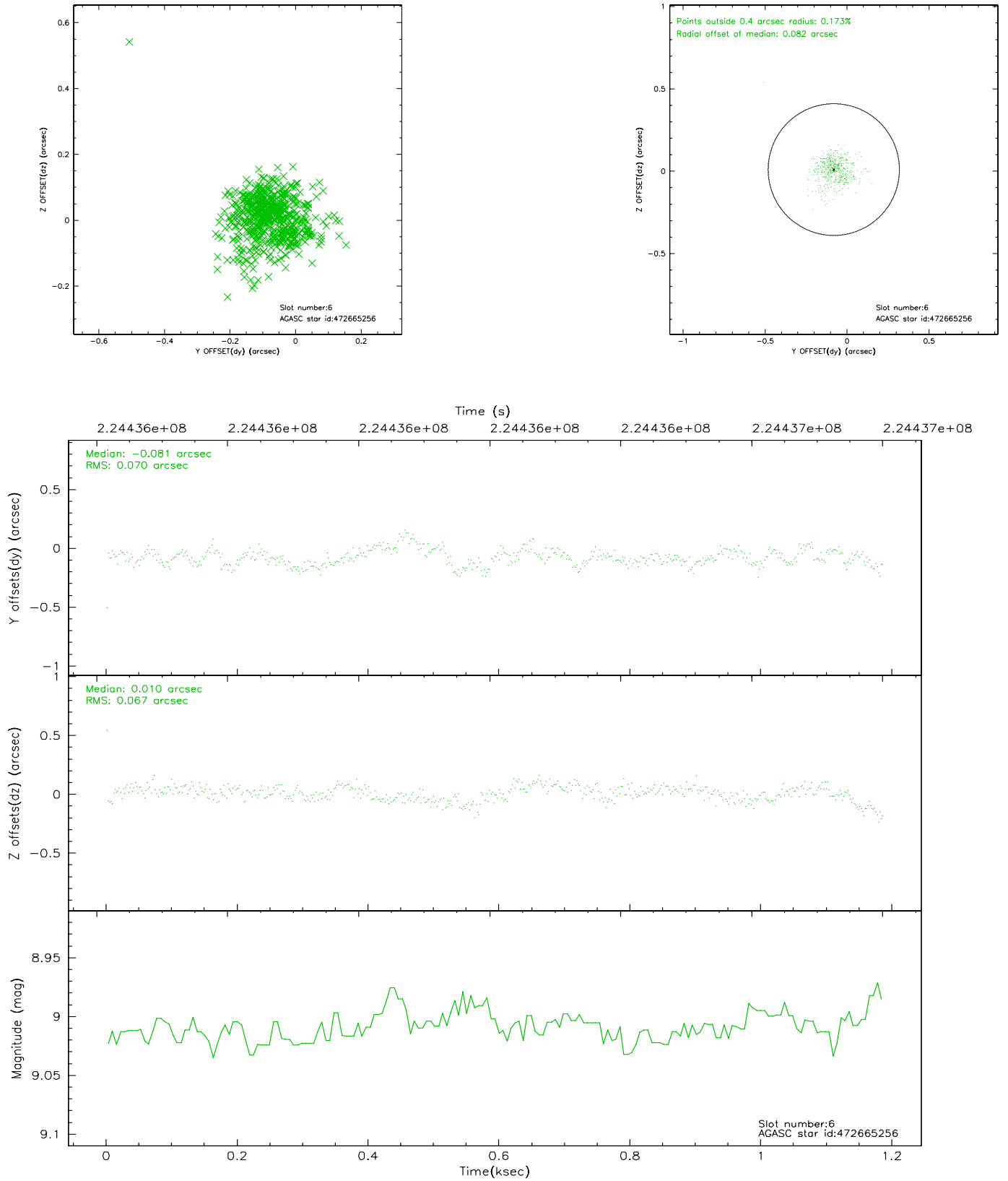
## 2.4.2 Slot 4



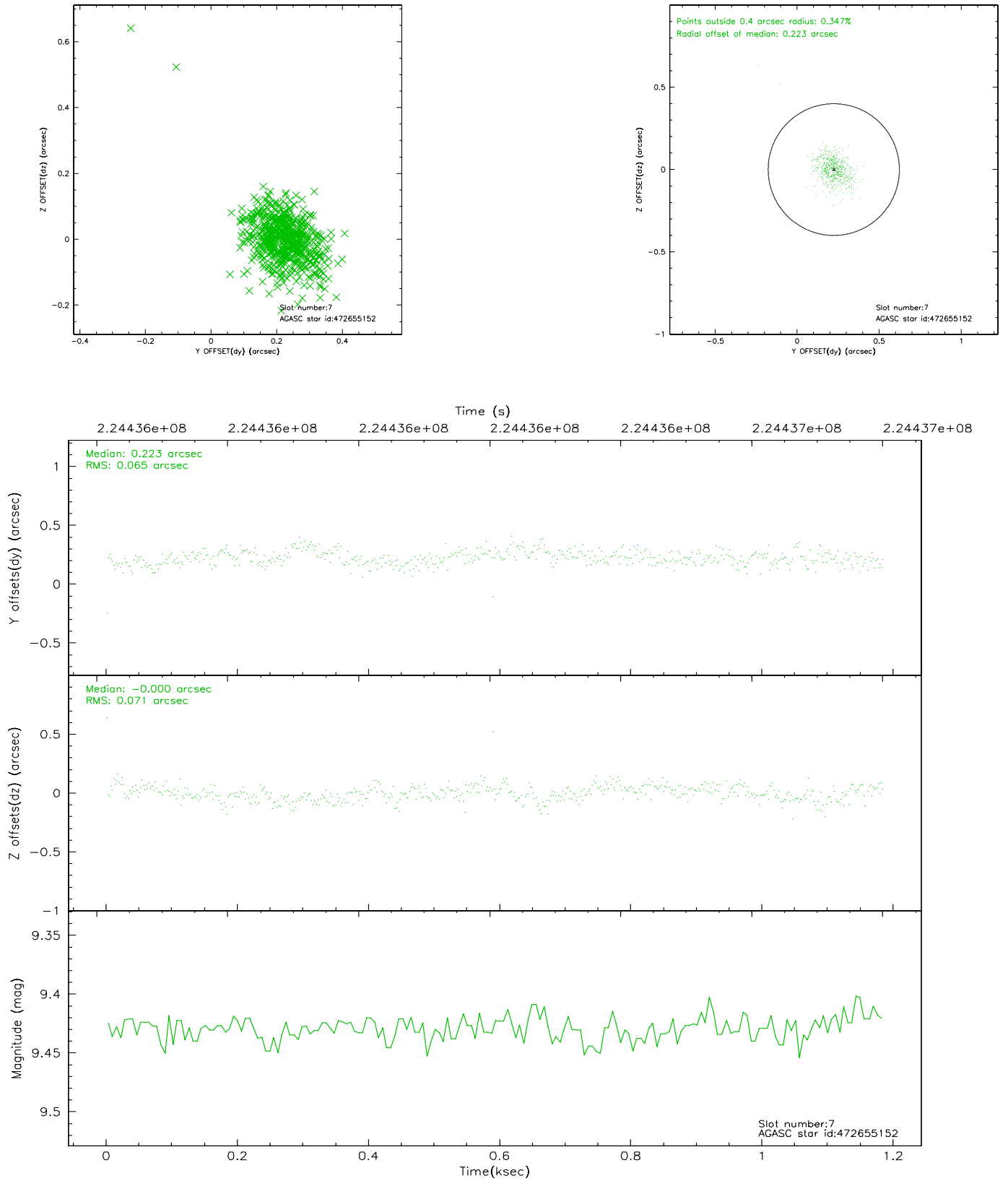
### 2.4.3 Slot 5



## 2.4.4 Slot 6

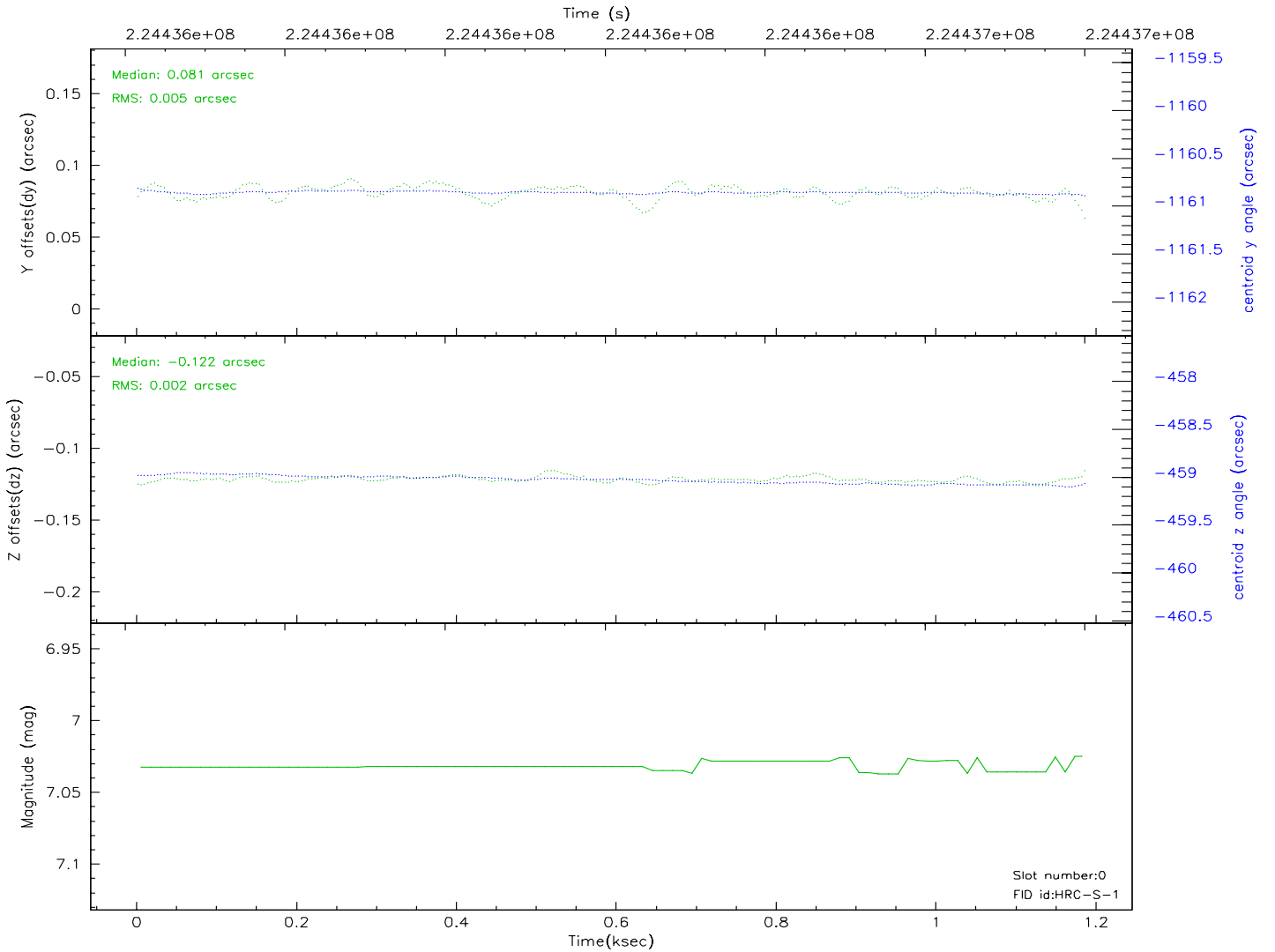
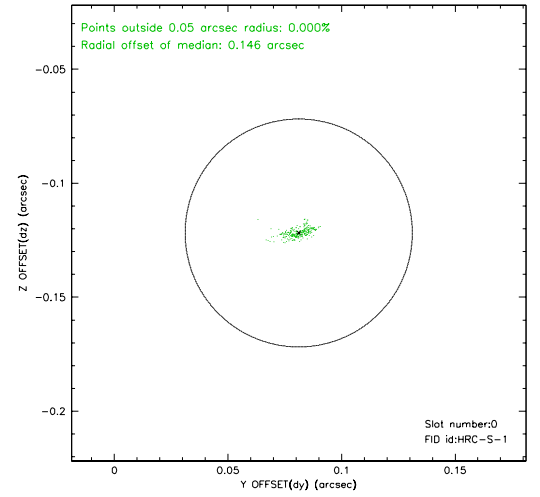
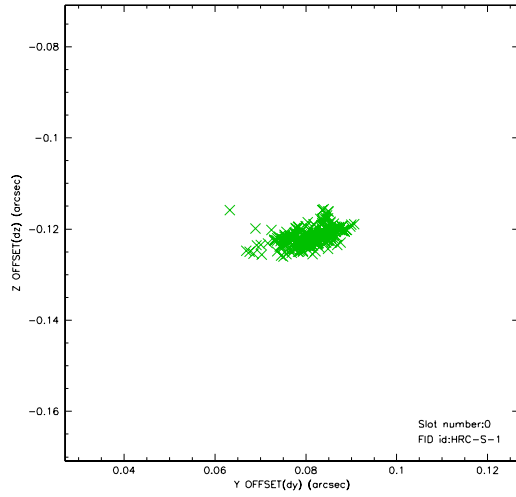


## 2.4.5 Slot 7

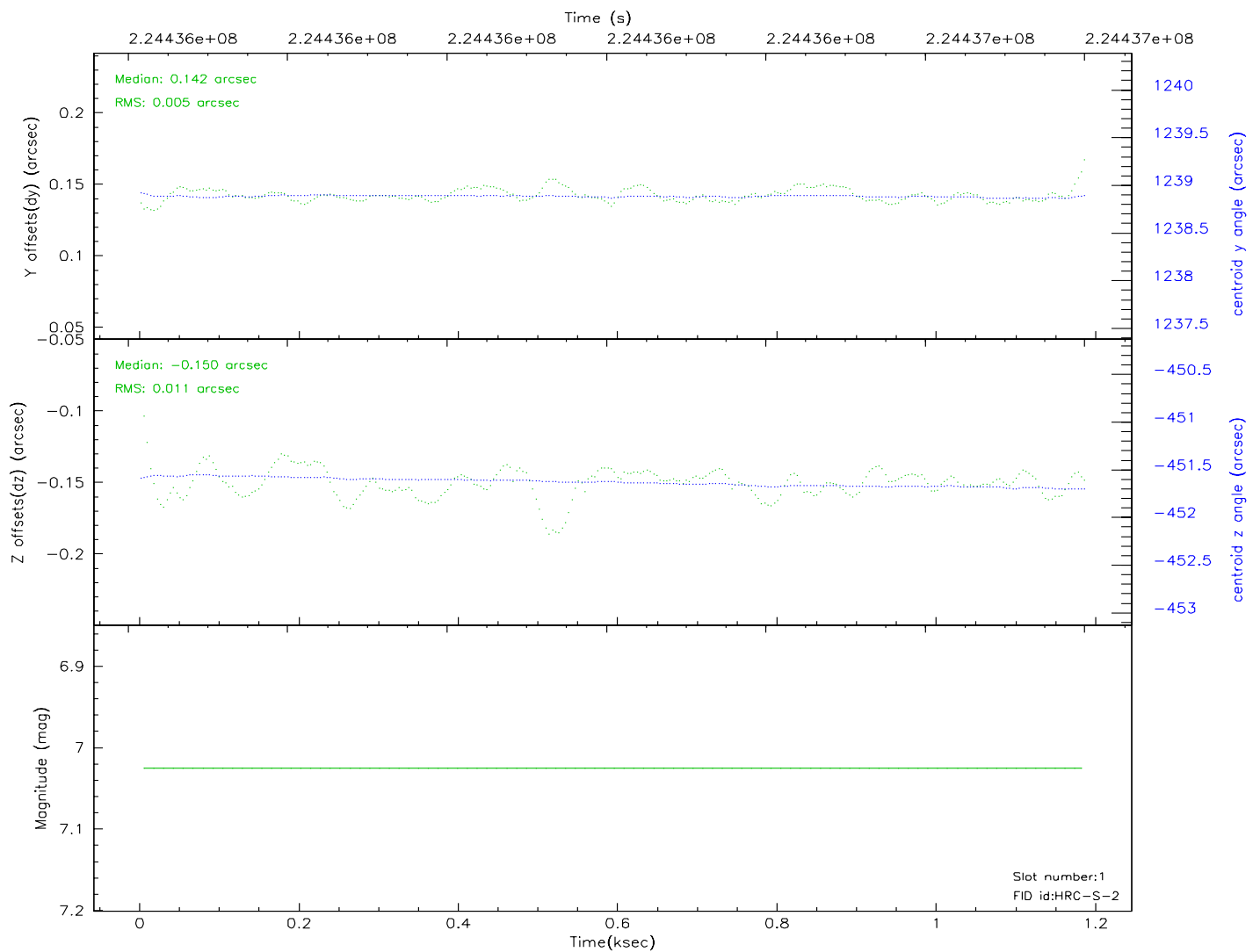
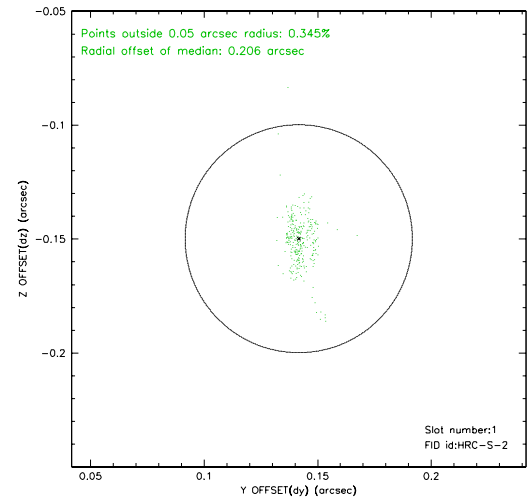
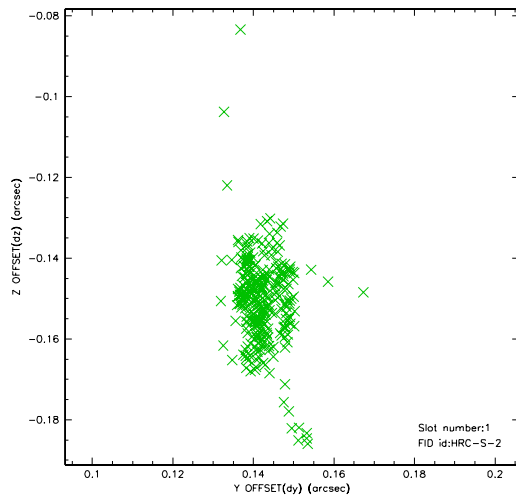


## 2.5 FID Slots

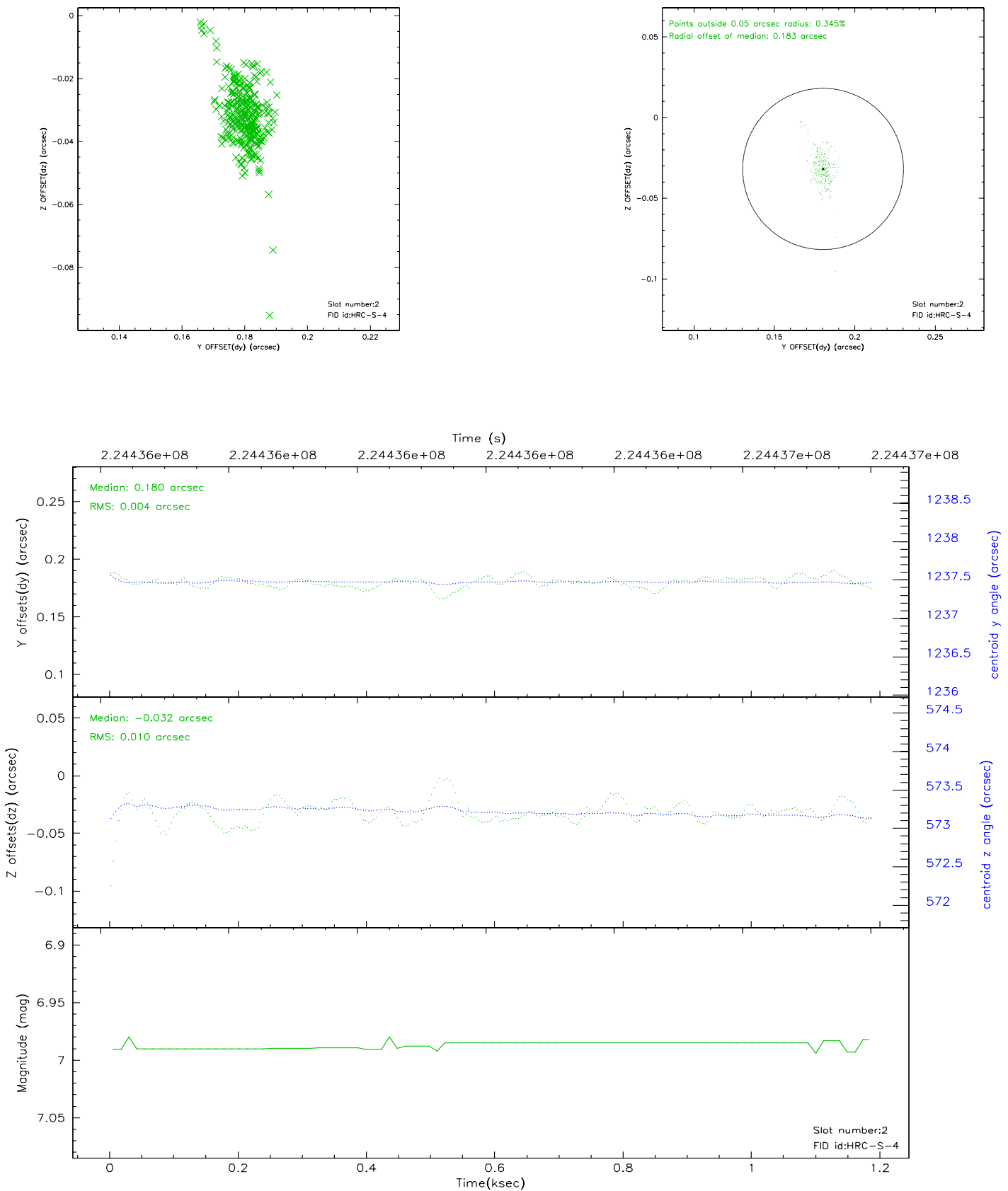
### 2.5.1 Slot 0



### 2.5.2 Slot 1

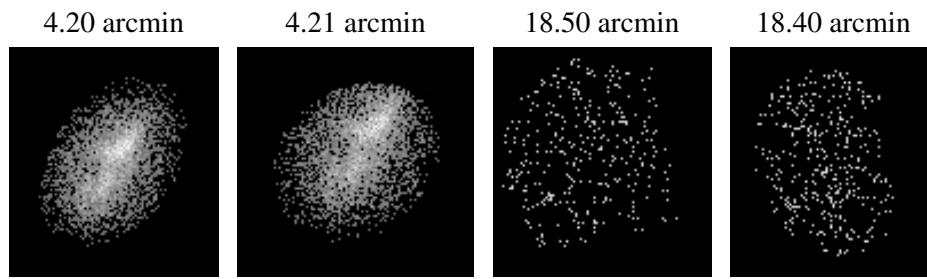


### 2.5.3 Slot 2





### 3 Point Sources



## A Summary

### A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.02.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.155431

### A.2 Comments