

# V&V Reference Report

## L2 ASCDS Version : 7.6.7

Observation 6028 - L2 Version 002  
Chandra X-Ray Center

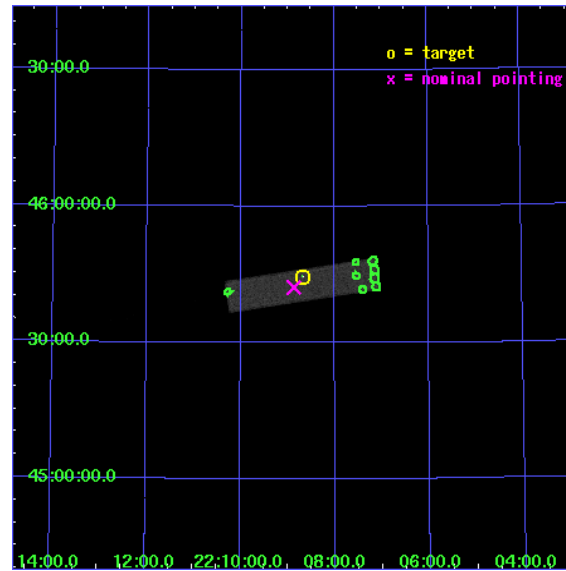
L2 Processing Date: Feb 22 2006

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# 1 Front

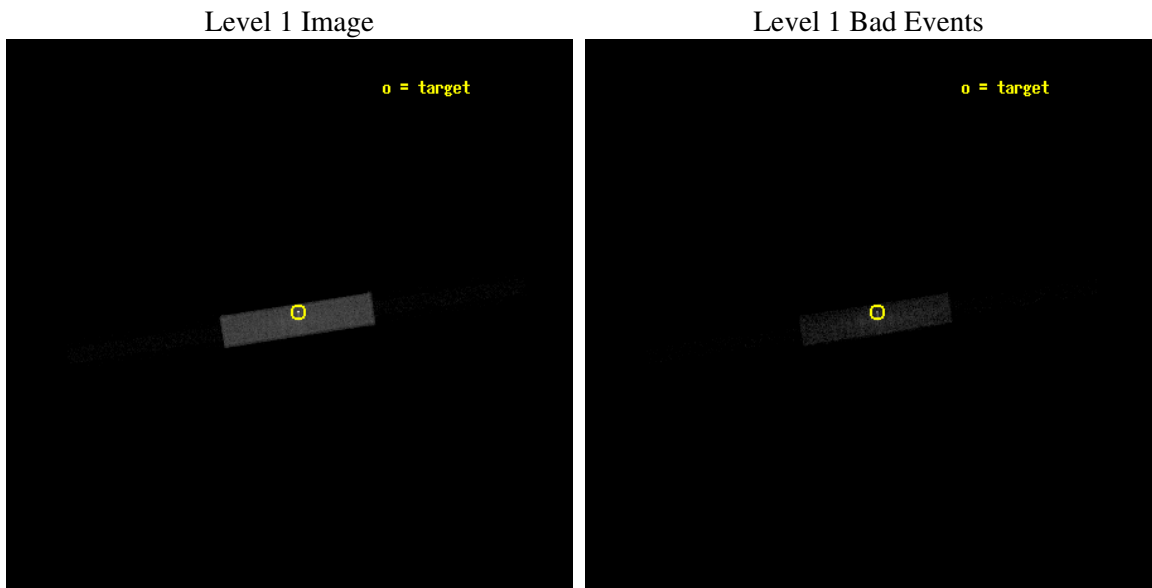
seq_num	290520
obs_id	6028
title	AO6A Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain
observer	Dr. CXC Calibration
object	ArLac
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.21701468002
dec_nom	45.703037127458
roll_nom	351.21277762926
revision	2
ontime	1161.5813025534
livetime	1154.6287730897
l2events	45620



## 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	2006-02-22T21:41:31
revision	2

sched_exp_time	1000.000000
ontime	1191.3063039184
l1events	78099

### 2.1.3 Events

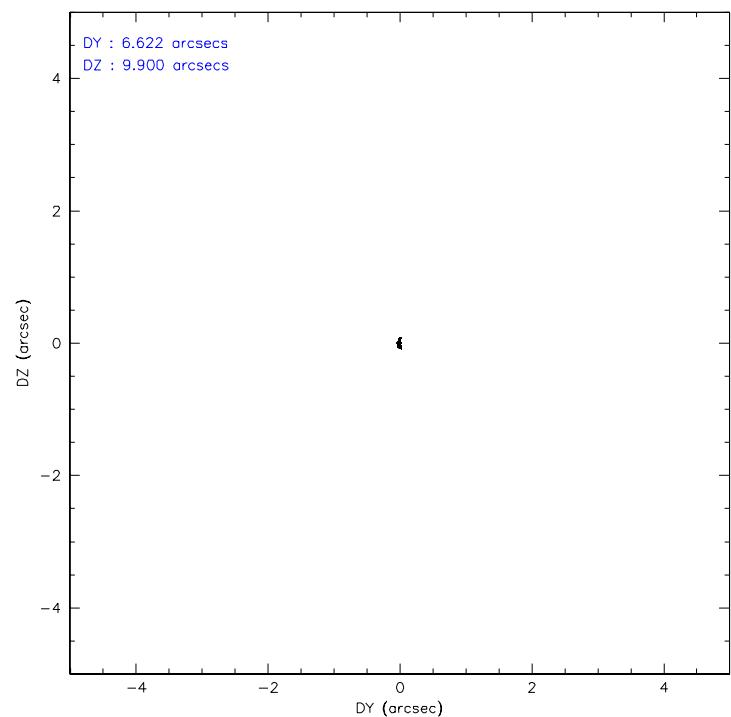
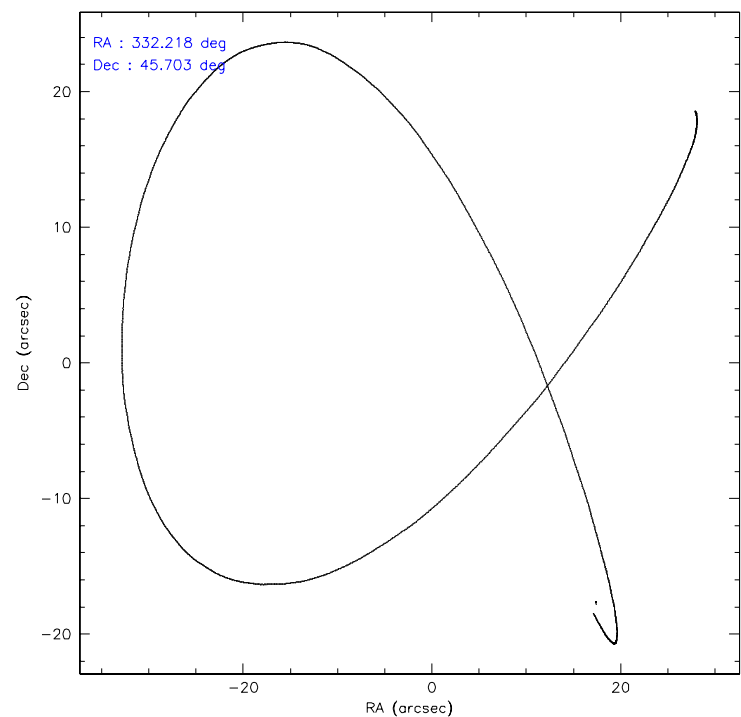
Level 1 Events

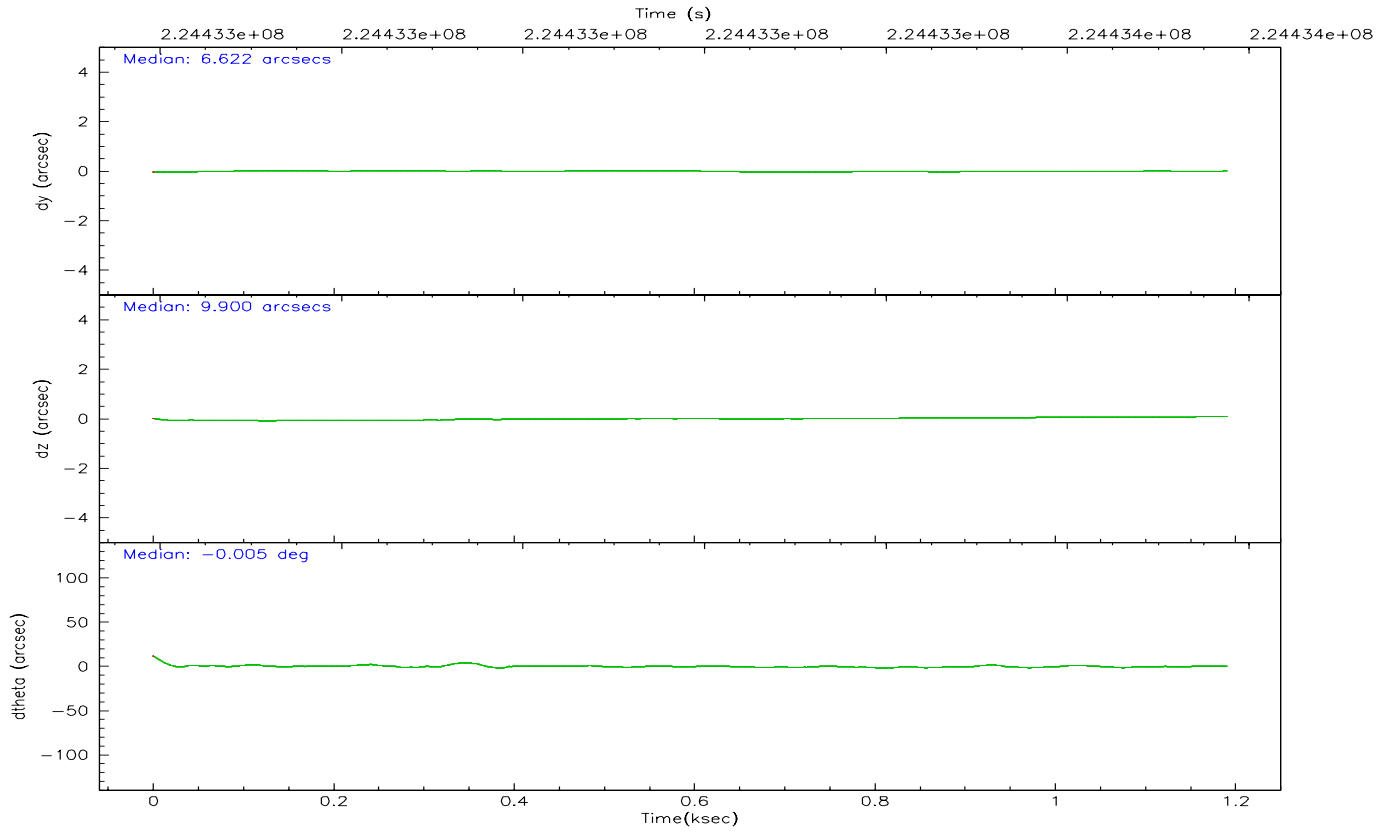
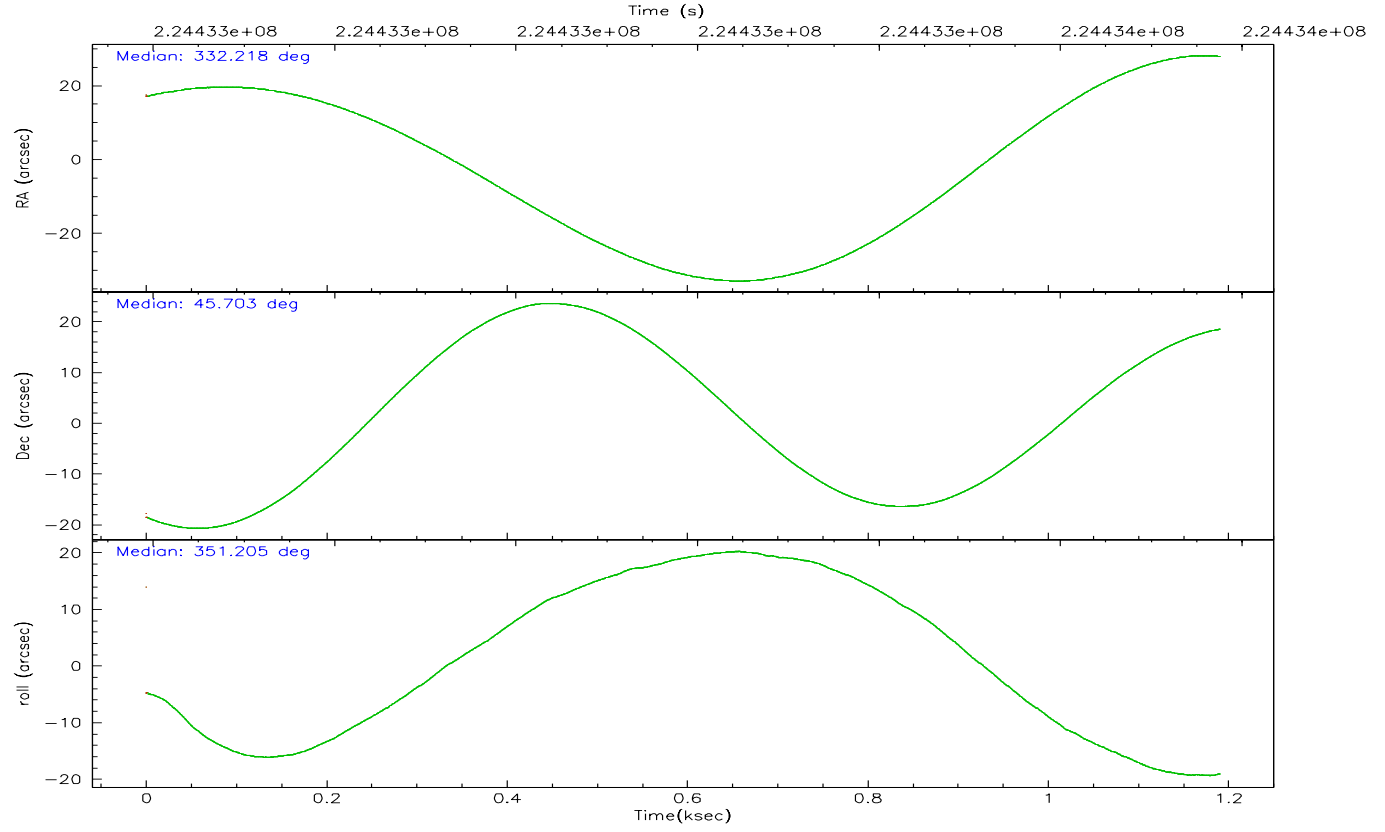
	<b>segment 1</b>	<b>segment 2</b>	<b>segment 3</b>
level 1 events	690	76681	728
rejected events	690	27697	723
rejected %	100%	36%	99%

## 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	332.179047	332.2170146800244			
Pointing Dec	45.691731	45.70303712745813			
Pointing Roll	351.172610	351.2127776292623			
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	224432783.184000	224432406.63285			
Observation start date	2005-02-10T14:25:19	2005-02-10T14:20:06			
Observation end time	224433783.184000	224433916.45792			
Observation end date	2005-02-10T14:41:59	2005-02-10T14:45:16			

2.3 Aspect





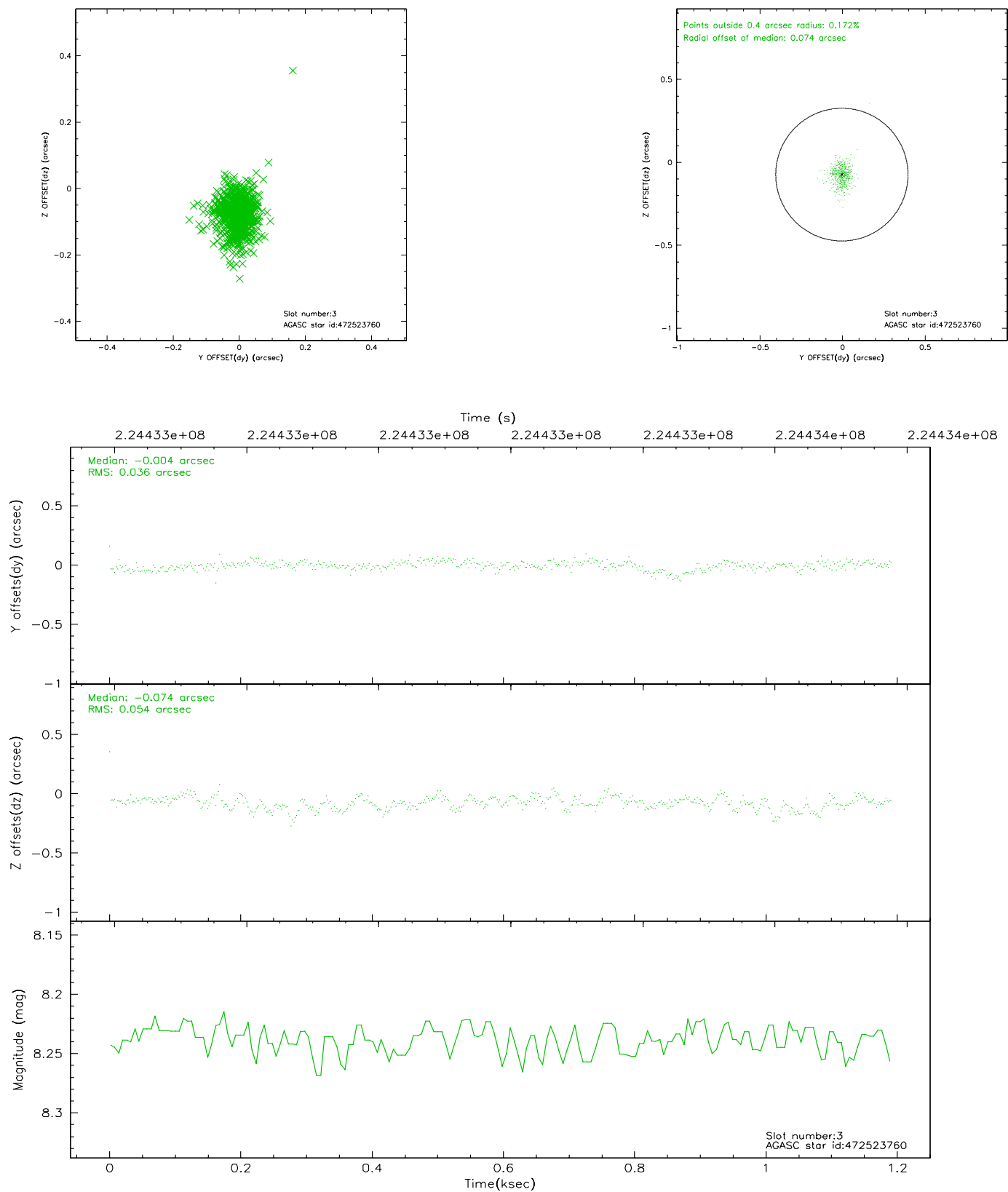
### Slot Statistics

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	291	0.095	-0.209	0.007	0.012	0.000000	0.000000	-1160.77	-458.66
1	FID	HRC-S-3	7.04	289	0.115	-0.003	0.008	0.013	0.000000	0.000000	-1167.52	569.49
2	FID	HRC-S-4	6.99	291	0.179	-0.085	0.004	0.009	0.000000	0.000000	1233.53	575.57
3	GUIDE	472523760	8.24	582	-0.004	-0.074	0.064	0.112	331.645363	45.403260	-1175.86	-1227.68
4	GUIDE	472527720	6.98	582	0.005	-0.064	0.066	0.096	331.460205	45.112509	-1489.36	-2333.72
5	GUIDE	472533912	9.17	582	0.112	0.066	0.121	0.185	331.791136	46.368695	-1331.01	2259.93
6	GUIDE	472535576	7.86	582	-0.027	0.041	0.058	0.093	331.438373	46.291802	-2157.75	1865.46
7	GUIDE	472665256	9.02	578	-0.086	0.023	0.093	0.143	332.808125	46.195041	1264.28	2042.05

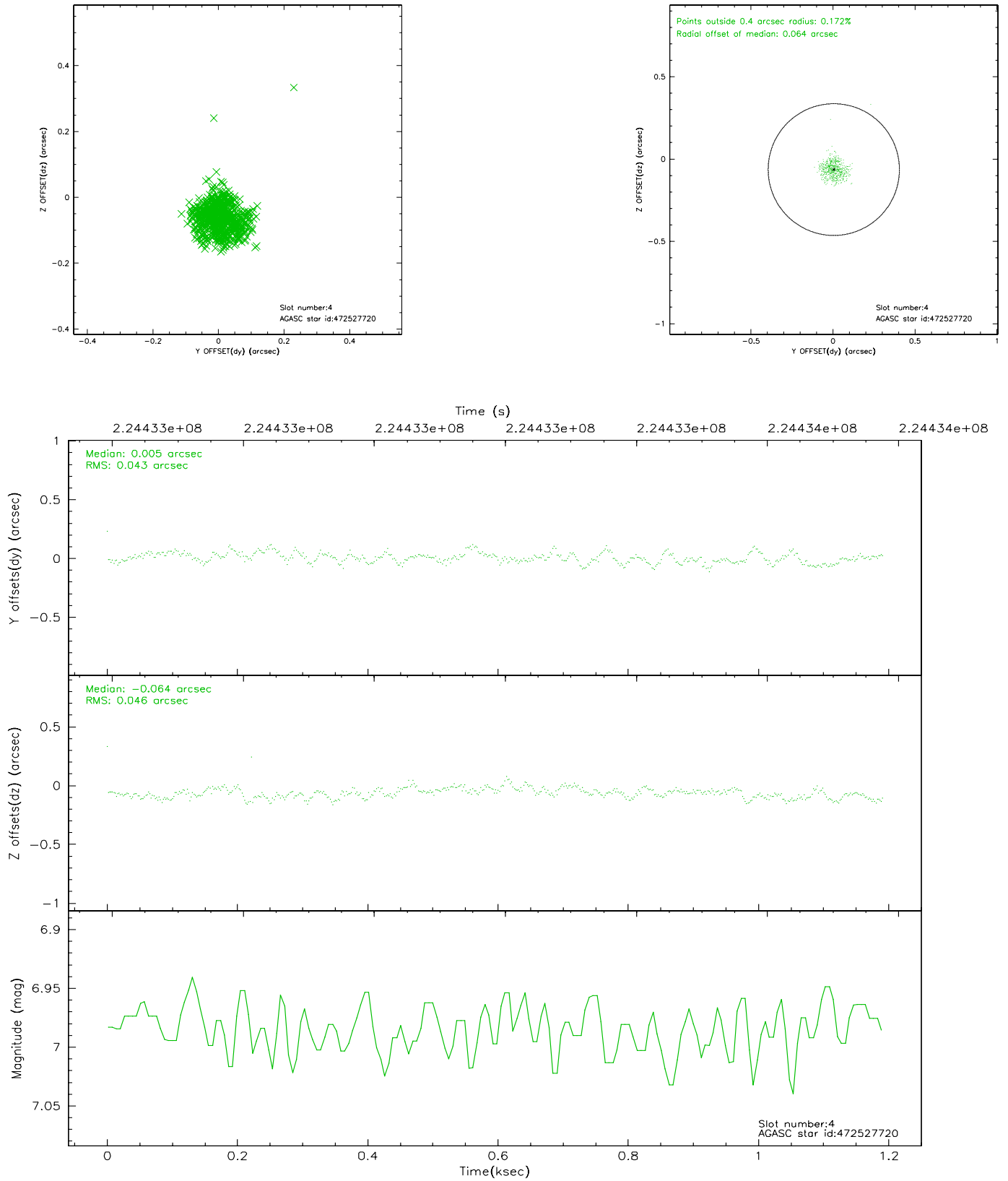


## 2.4 Star Slots

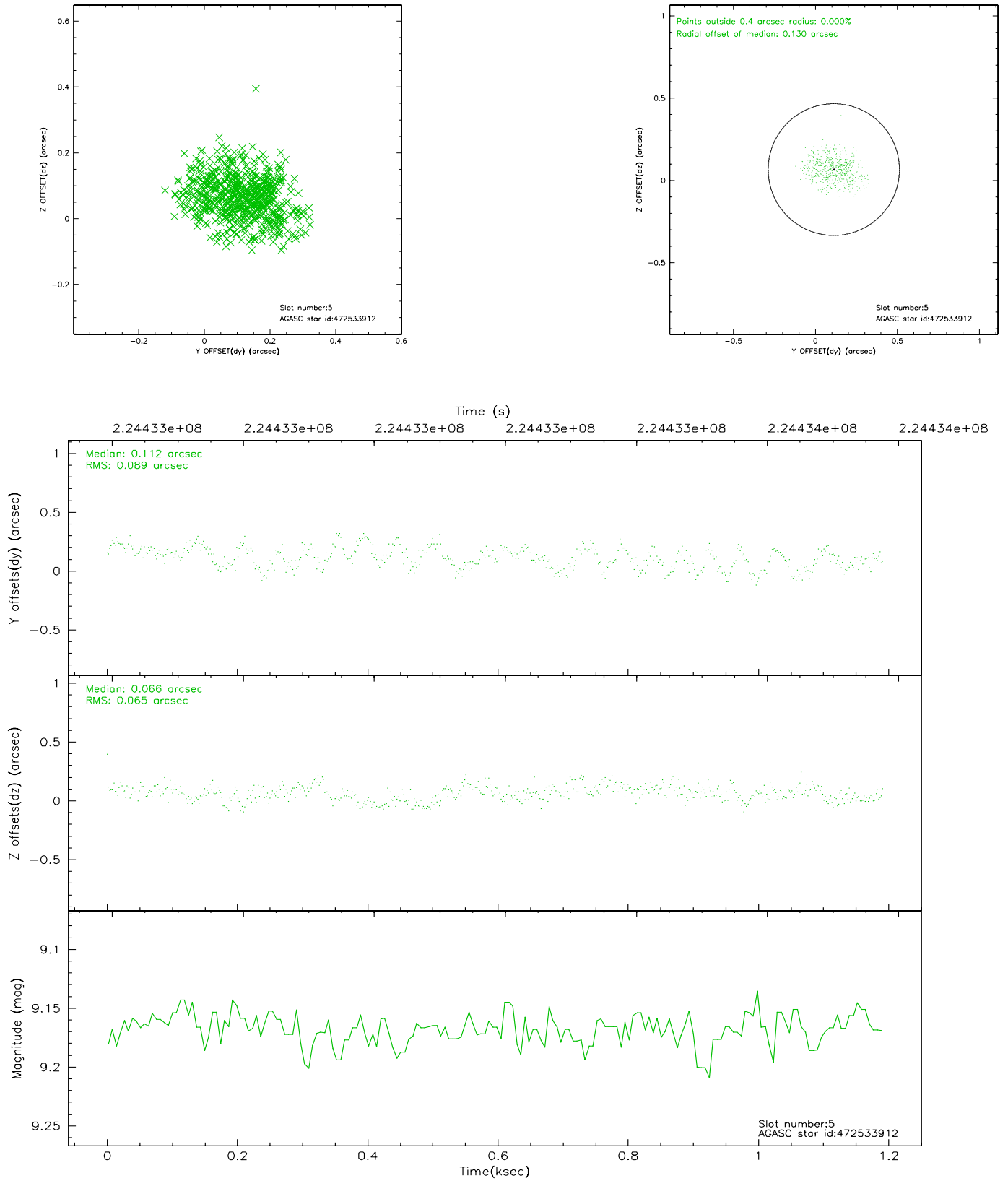
### 2.4.1 Slot 3



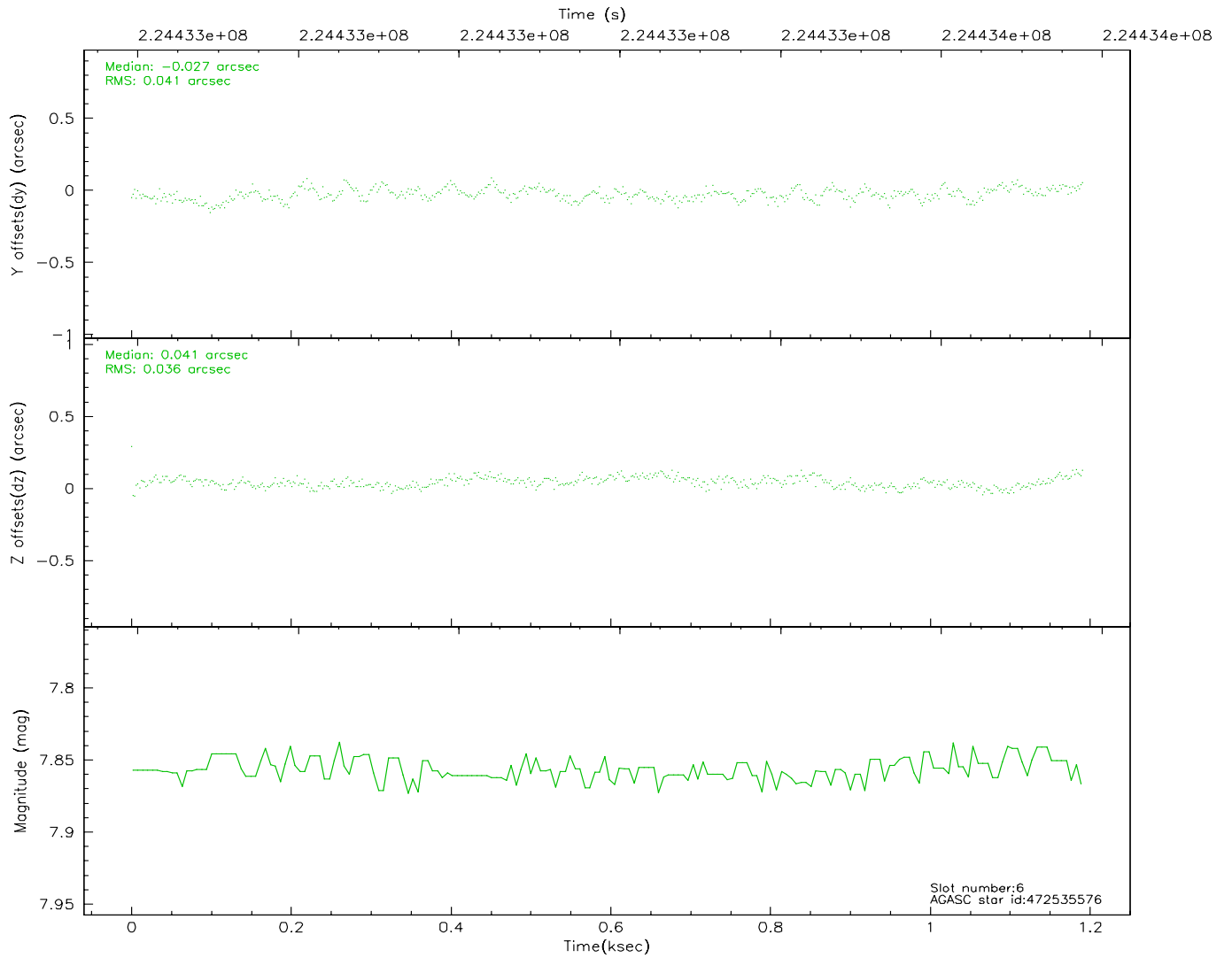
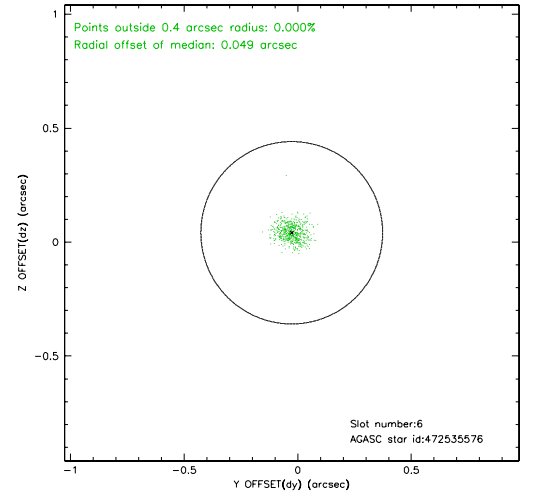
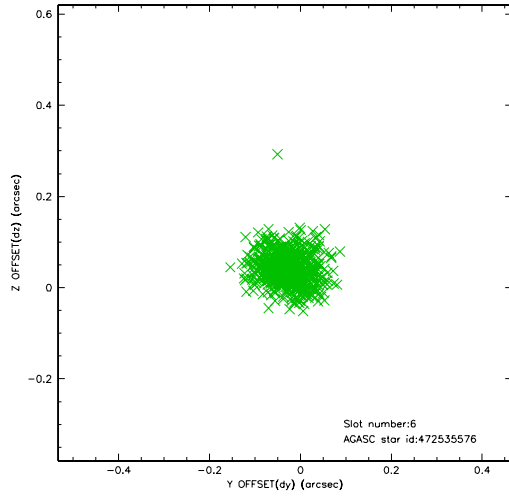
## 2.4.2 Slot 4



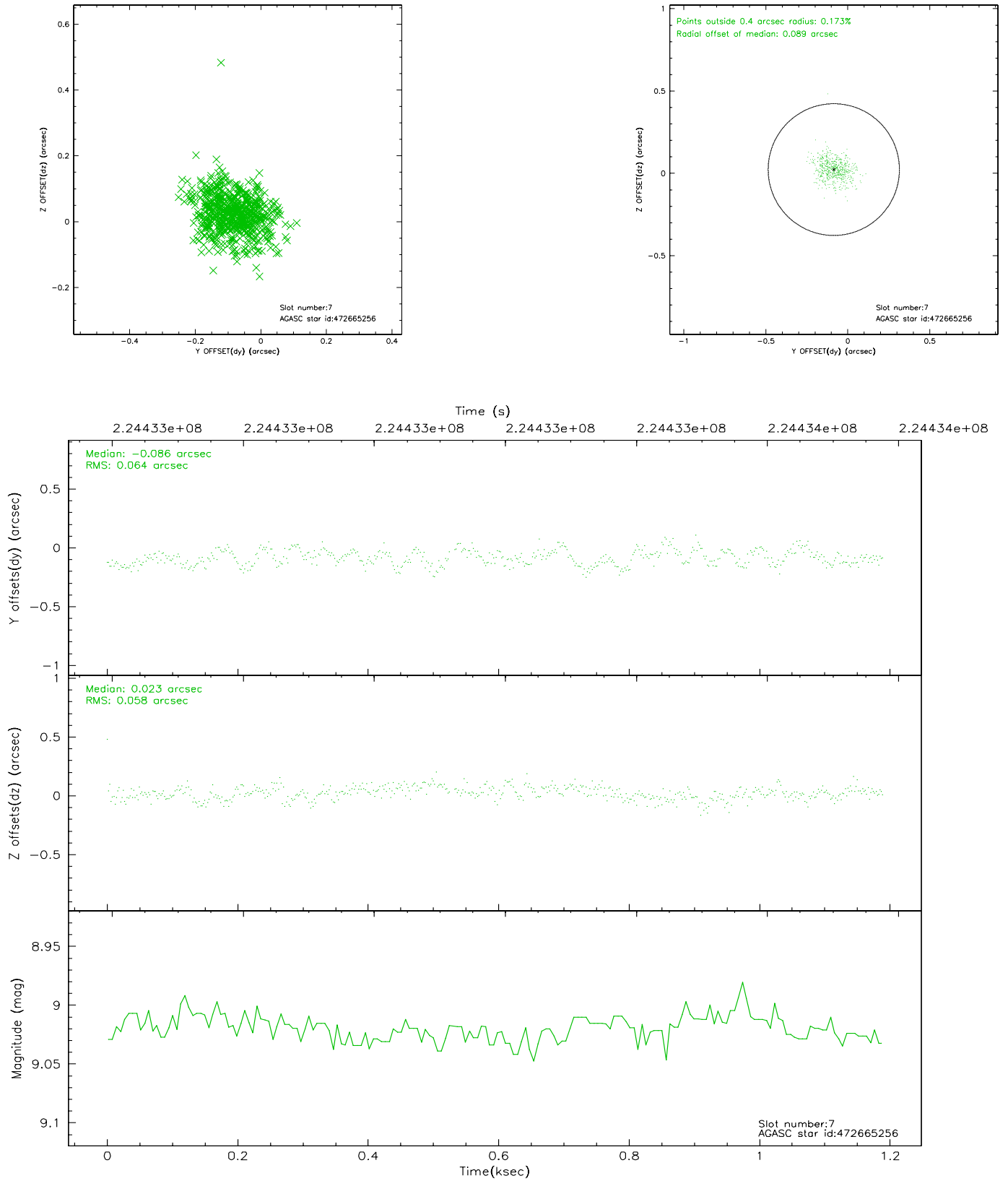
### 2.4.3 Slot 5



## 2.4.4 Slot 6

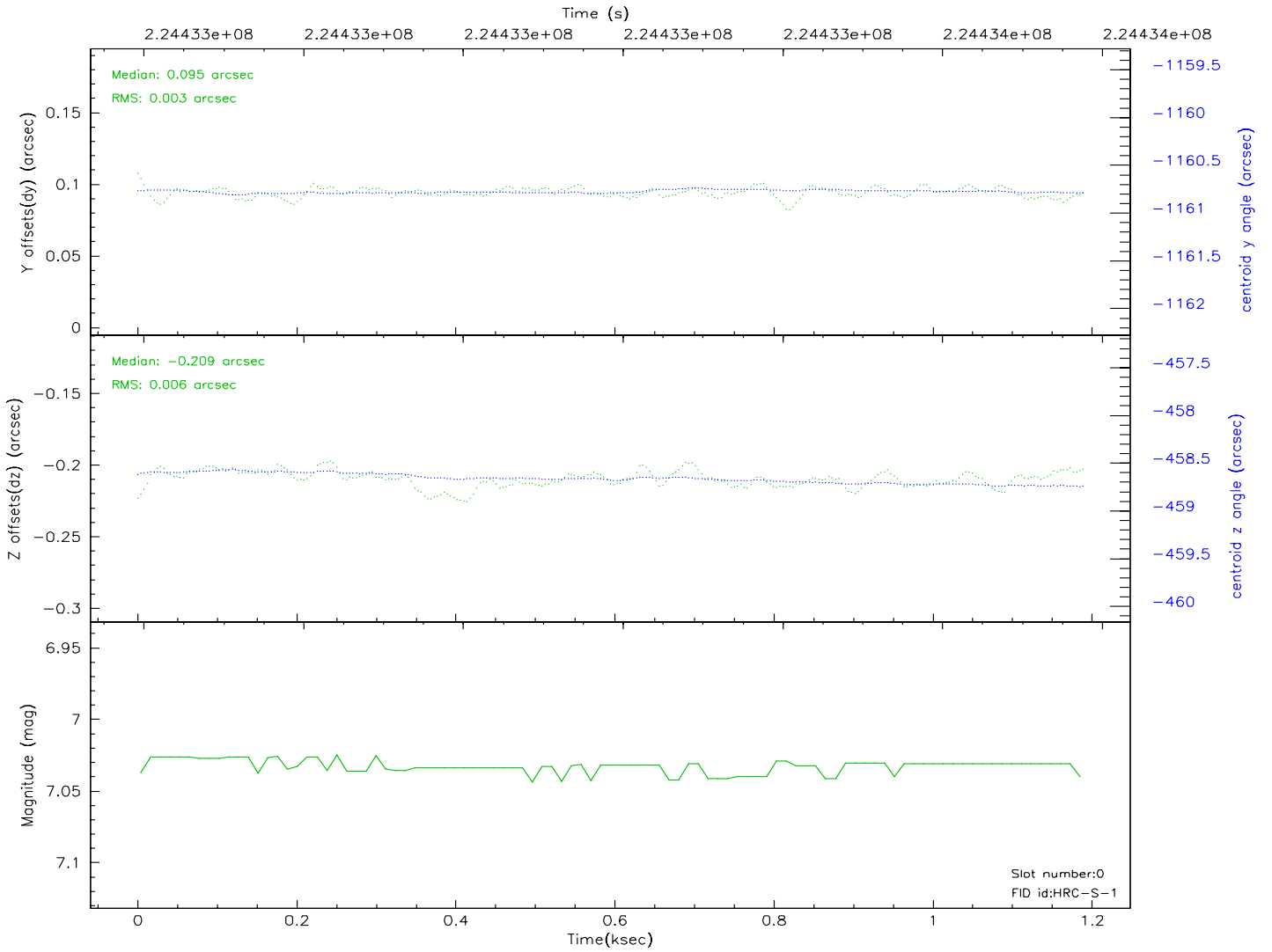
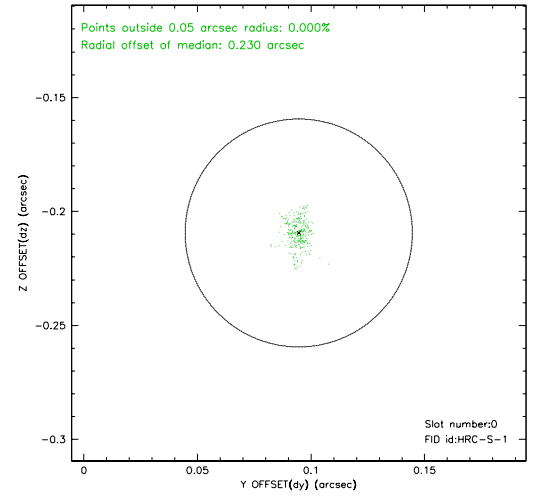
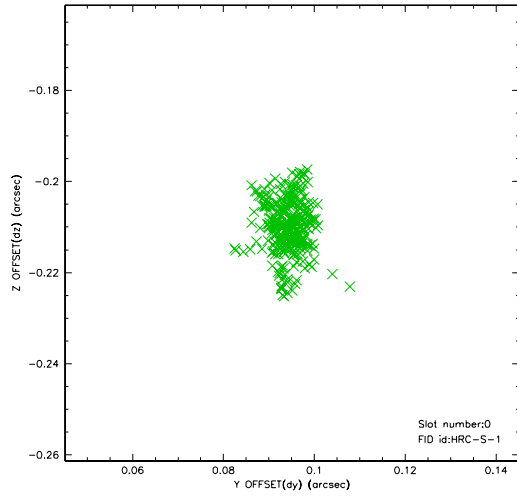


## 2.4.5 Slot 7

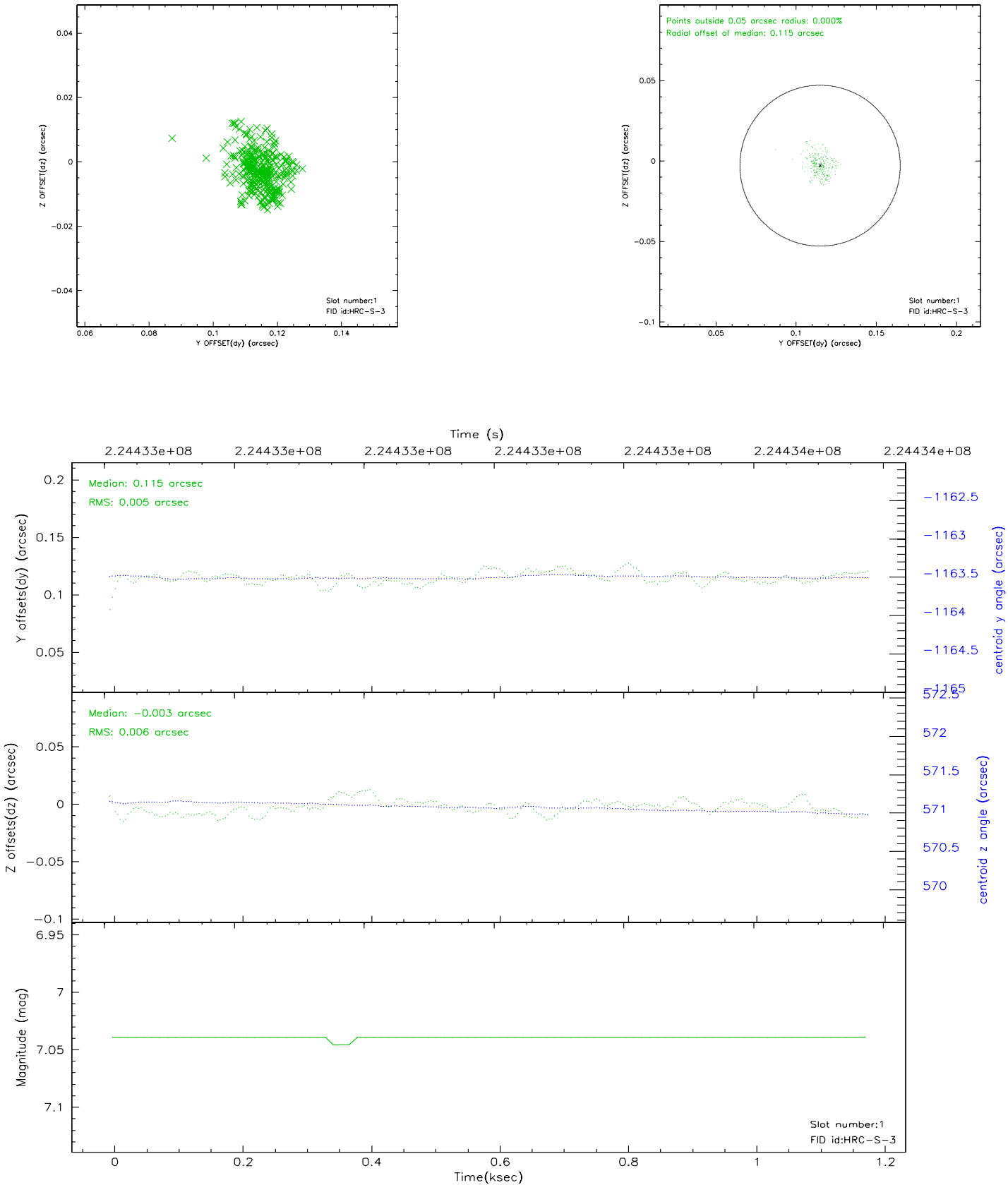


## 2.5 FID Slots

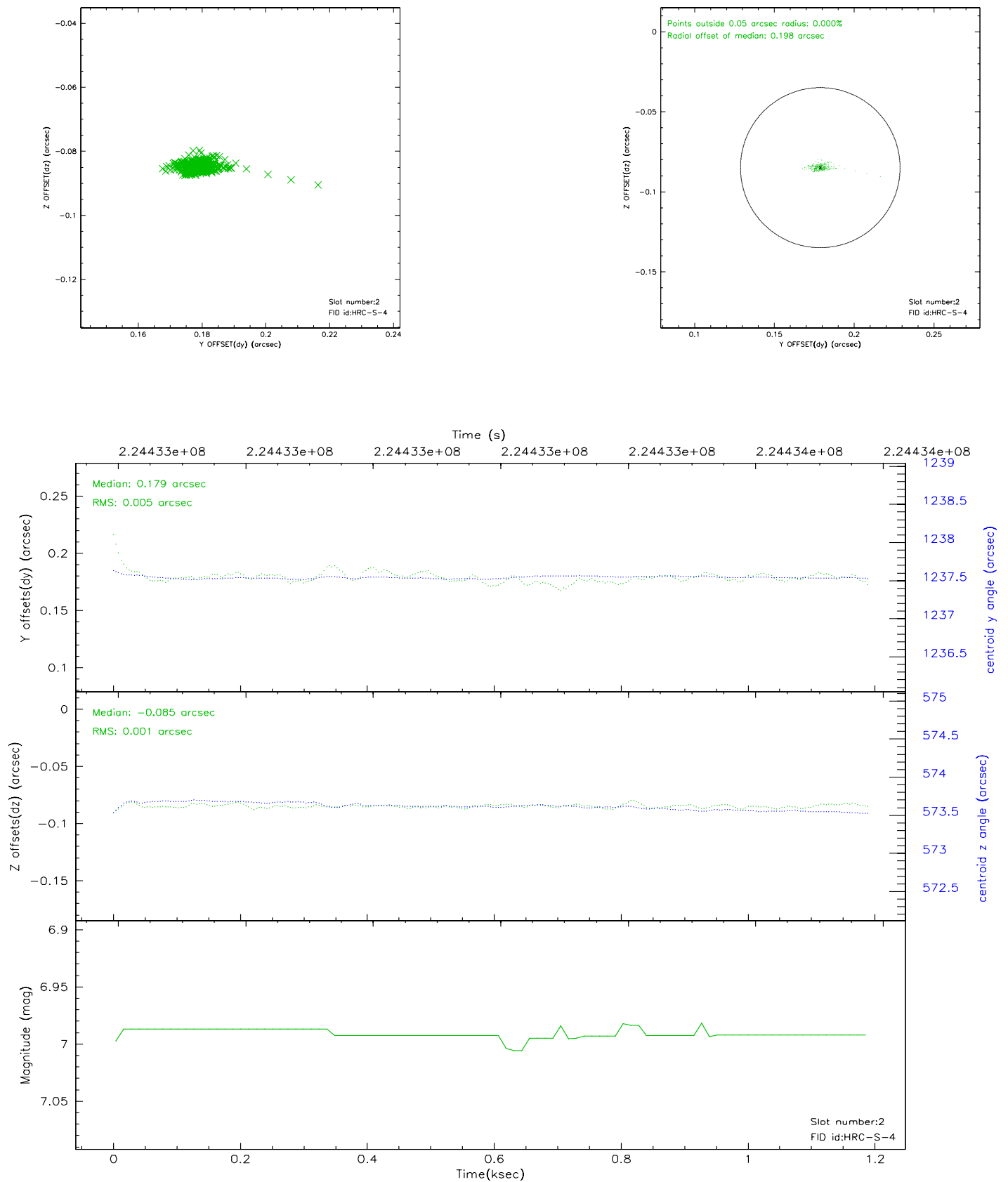
### 2.5.1 Slot 0



2.5.2 Slot 1

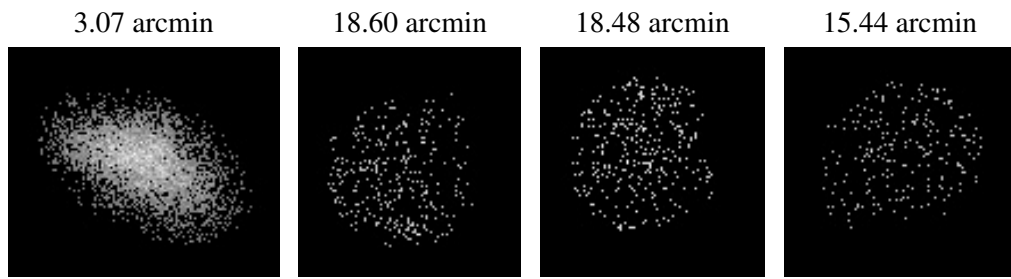


### 2.5.3 Slot 2





### 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	1.161581

### A.2 Comments