

# V&V Reference Report

## L2 ASCDS Version : 7.6.7

Observation 6022 - L2 Version 002  
Chandra X-Ray Center

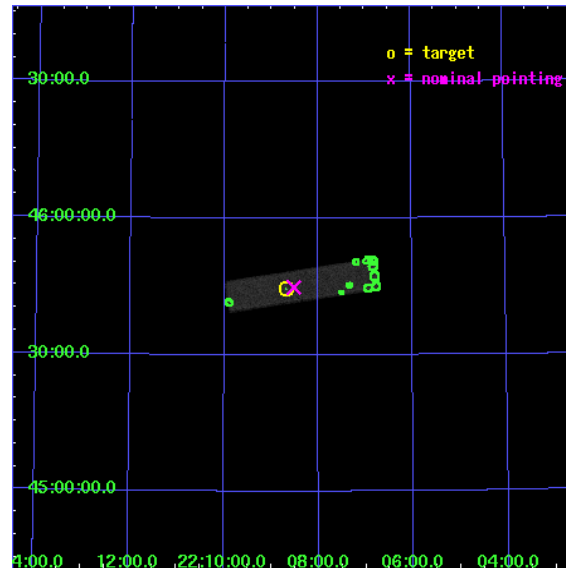
L2 Processing Date: Feb 22 2006

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# 1 Front

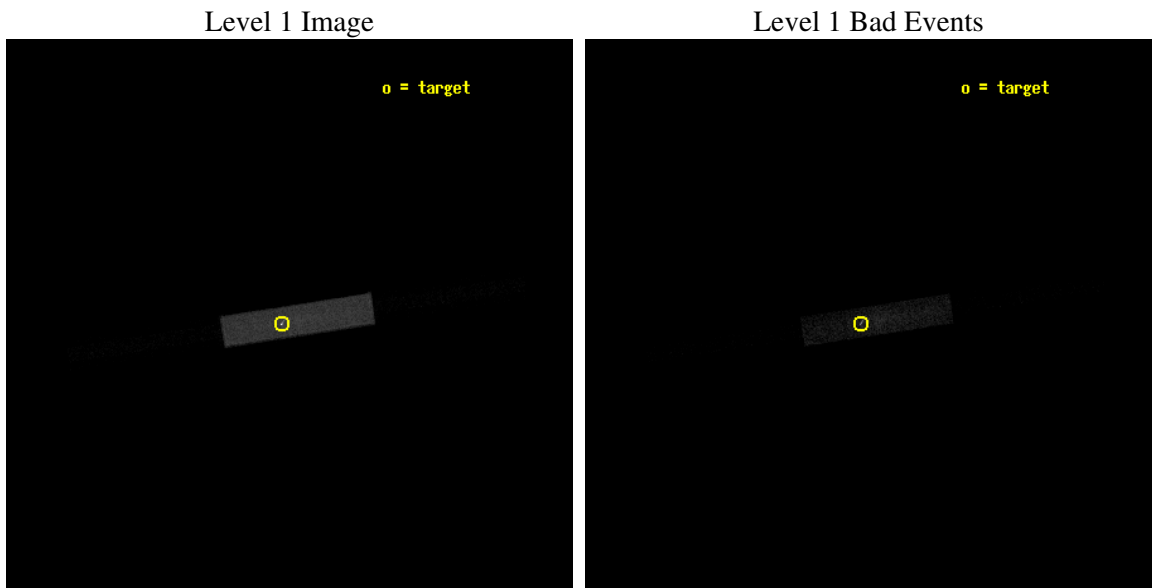
seq_num	290514
obs_id	6022
title	AO6A Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain
observer	Dr. CXC Calibration
object	ArLac
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.12922971737
dec_nom	45.747666822041
roll_nom	351.19716948108
revision	2
ontime	1151.3313020766
livetime	1144.3549869154
l2events	46616



## 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	2006-02-22T21:20:05
revision	2

sched_exp_time	1000.000000
ontime	1182.8500534594
l1events	79244

### 2.1.3 Events

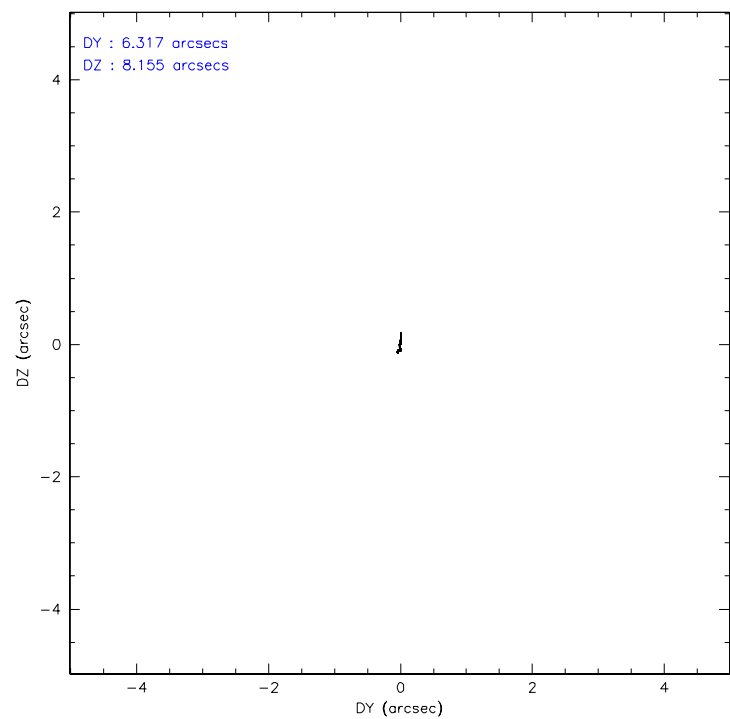
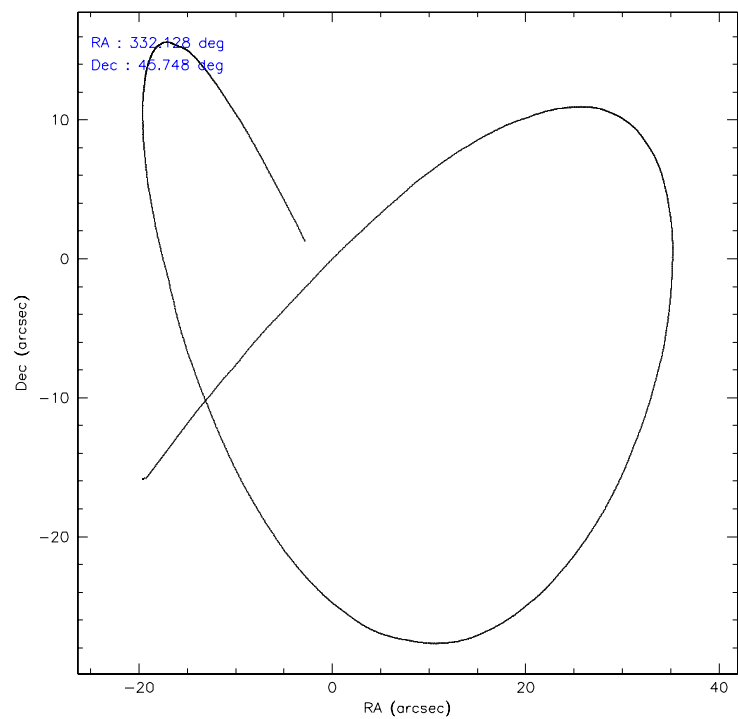
Level 1 Events

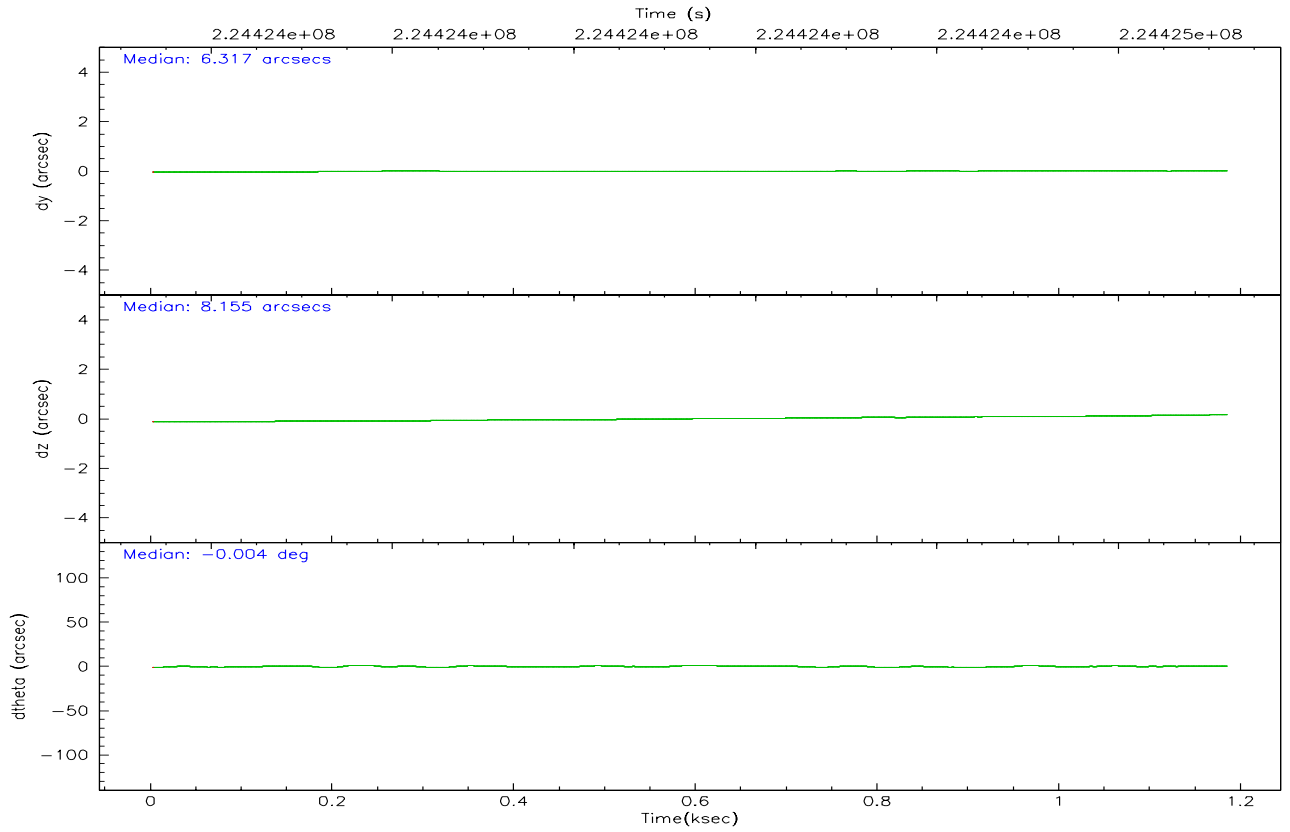
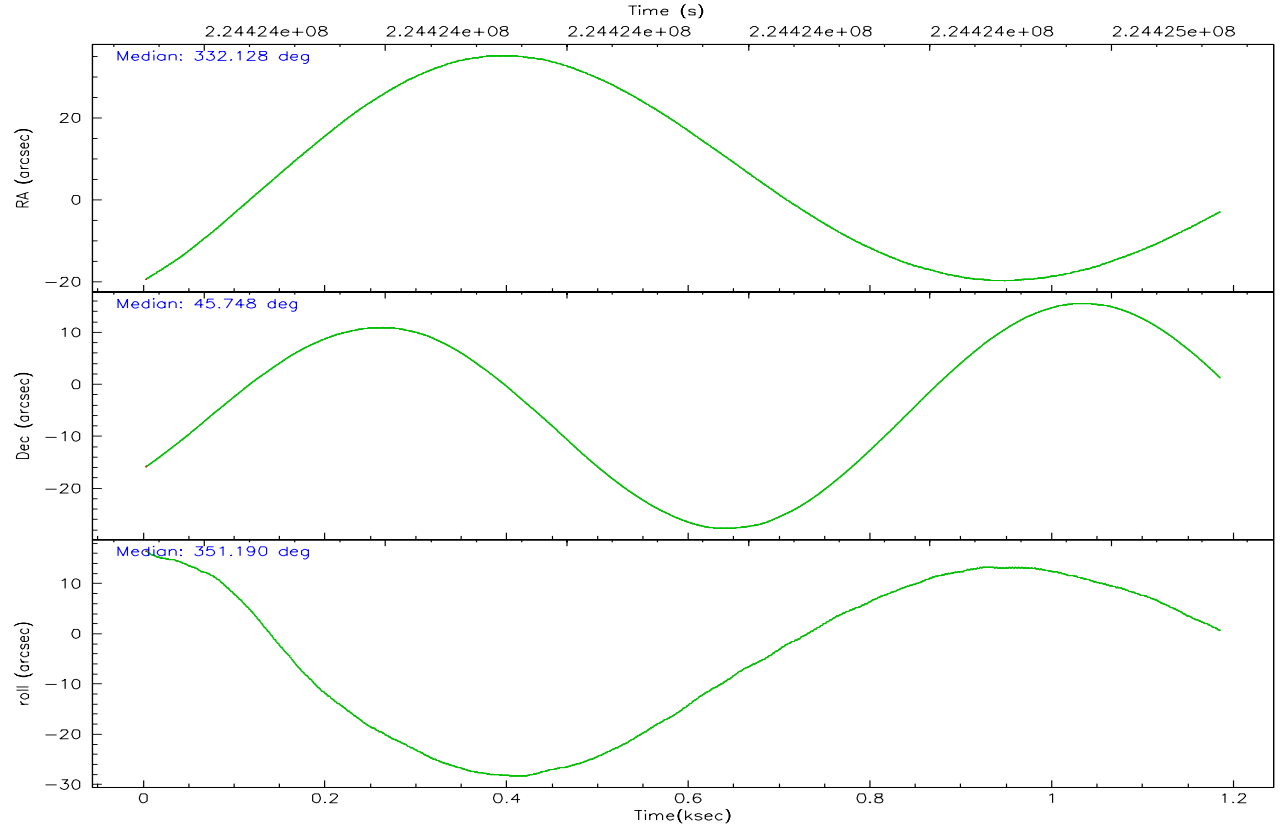
	<b>segment 1</b>	<b>segment 2</b>	<b>segment 3</b>
level 1 events	685	77910	649
rejected events	685	27982	649
rejected %	100%	35%	100%

## 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	332.091991	332.1292297173665			
Pointing Dec	45.734956	45.7476668220409			
Pointing Roll	351.156514	351.1971694810794			
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	224423723.184000	224423346.65744			
Observation start date	2005-02-10T11:54:19	2005-02-10T11:49:06			
Observation end time	224424723.184000	224424856.48251			
Observation end date	2005-02-10T12:10:59	2005-02-10T12:14:16			

2.3 Aspect





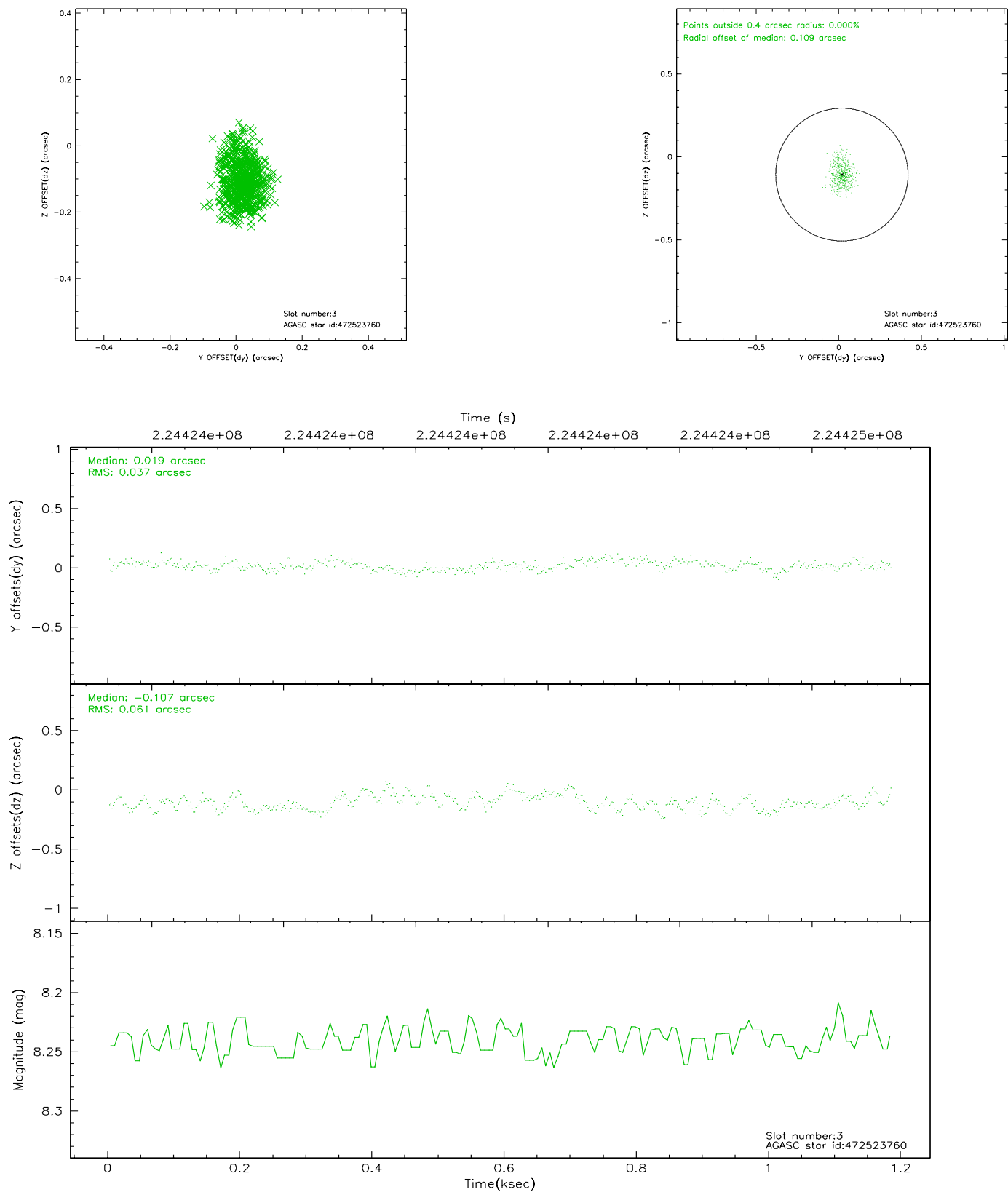
### Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.04	289	0.109	-0.129	0.007	0.012	0.000000	0.000000	-1160.46	-456.76
1	FID	HRC-S-2	7.04	289	0.167	-0.107	0.006	0.010	0.000000	0.000000	1235.26	-450.95
2	FID	HRC-S-3	7.05	289	0.114	-0.066	0.007	0.015	0.000000	0.000000	-1158.91	571.27
3	GUIDE	472523760	8.24	578	0.019	-0.107	0.077	0.124	331.645363	45.403260	-931.25	-1353.92
4	GUIDE	472536328	8.14	578	-0.009	-0.029	0.071	0.116	331.496671	46.454831	-1859.25	2333.35
5	GUIDE	472665256	9.01	578	-0.021	0.028	0.091	0.141	332.808125	46.195041	1505.01	1919.90
6	GUIDE	472537064	8.95	578	0.002	0.140	0.095	0.152	331.323423	46.483499	-2295.05	2378.86
7	GUIDE	472527720	6.99	577	0.004	-0.041	0.068	0.107	331.460205	45.112509	-1245.23	-2454.10

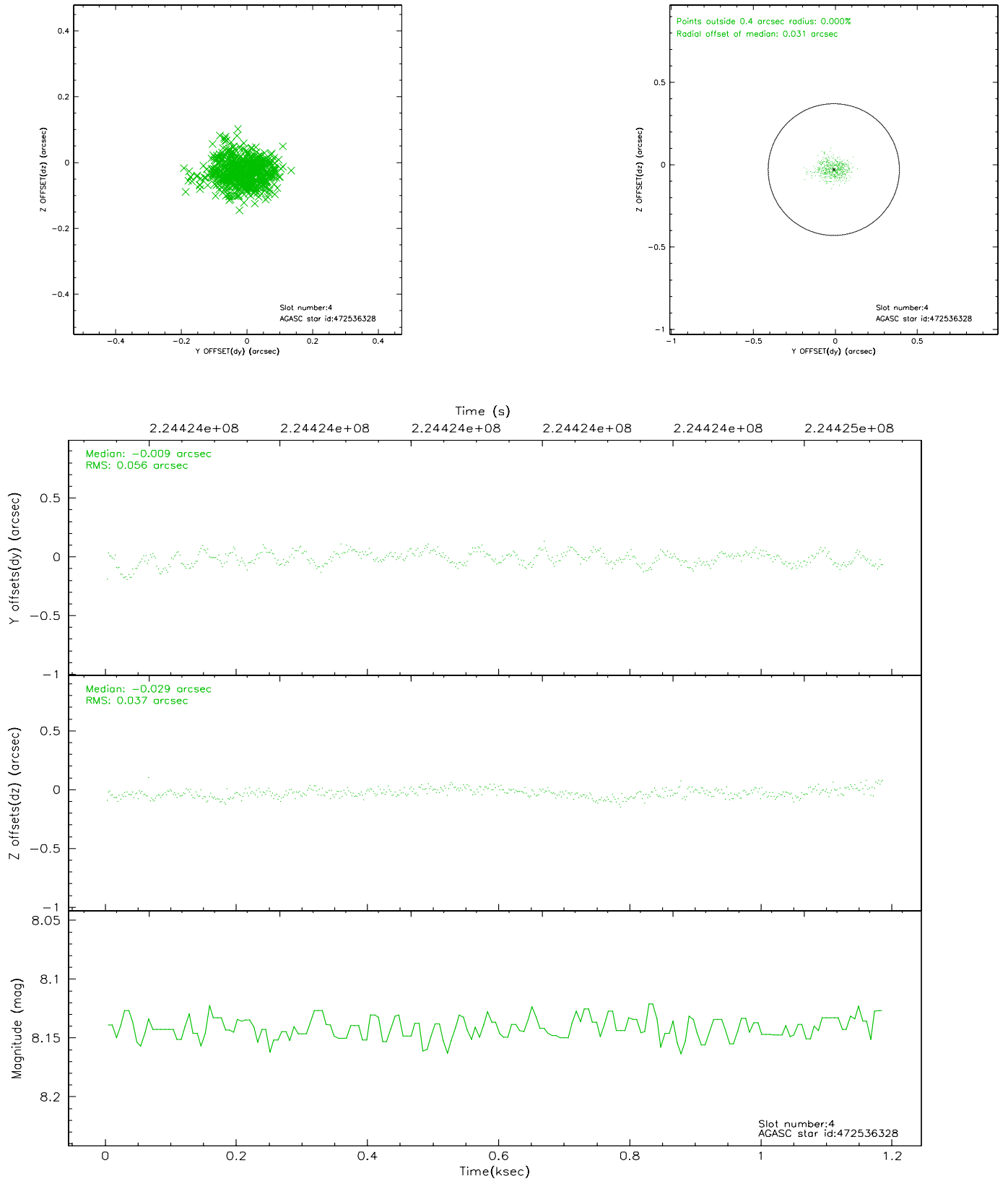


## 2.4 Star Slots

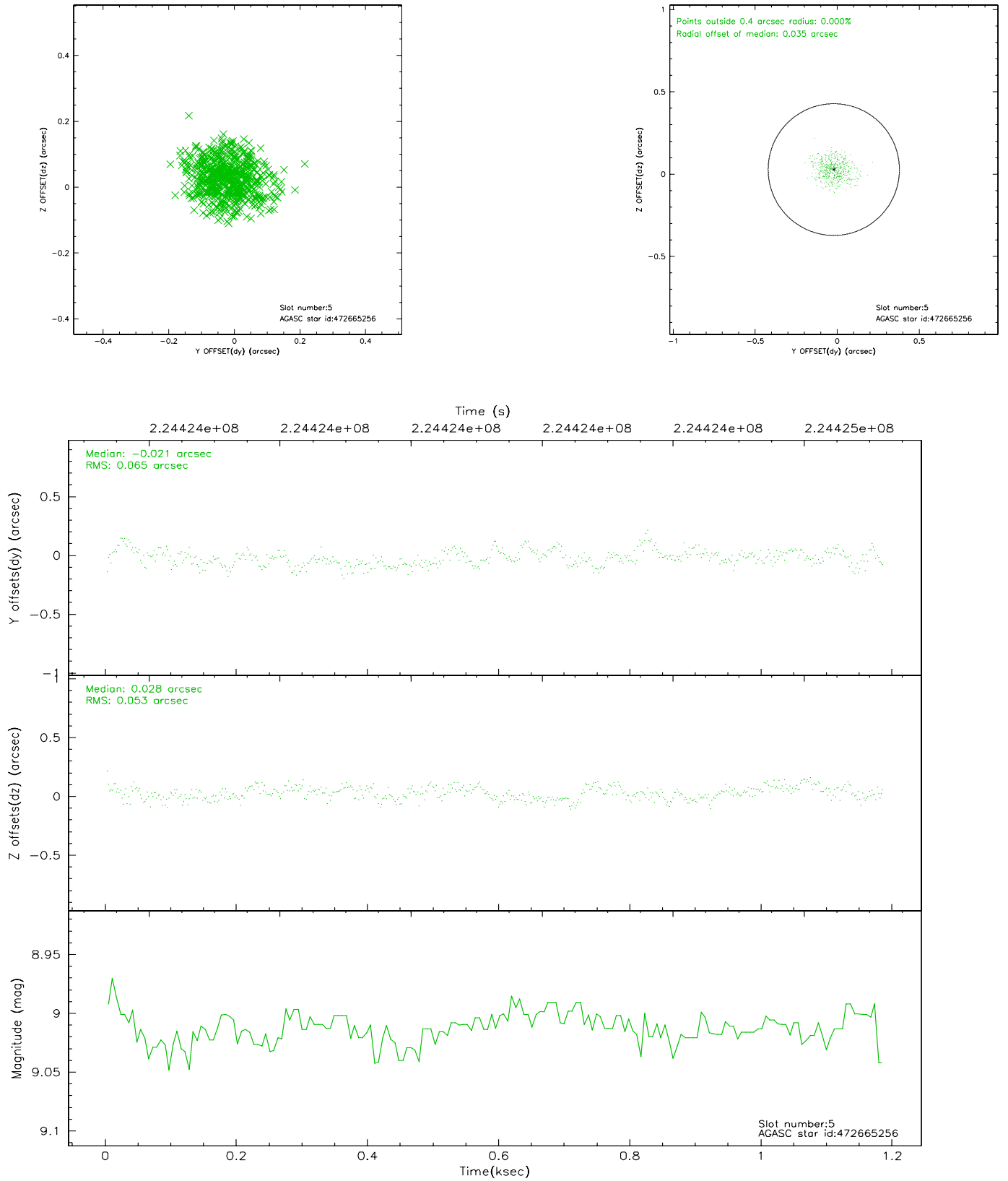
### 2.4.1 Slot 3



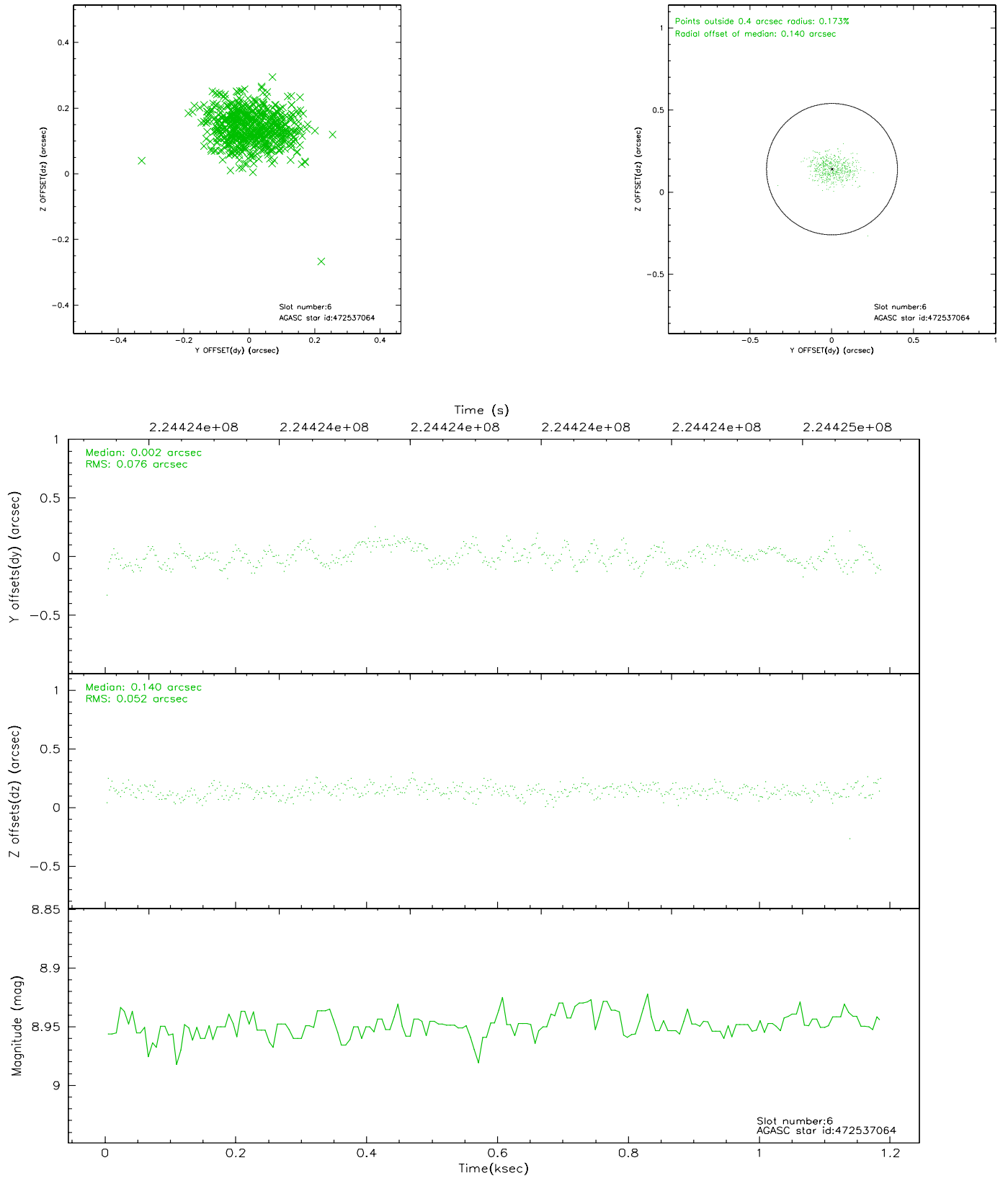
## 2.4.2 Slot 4



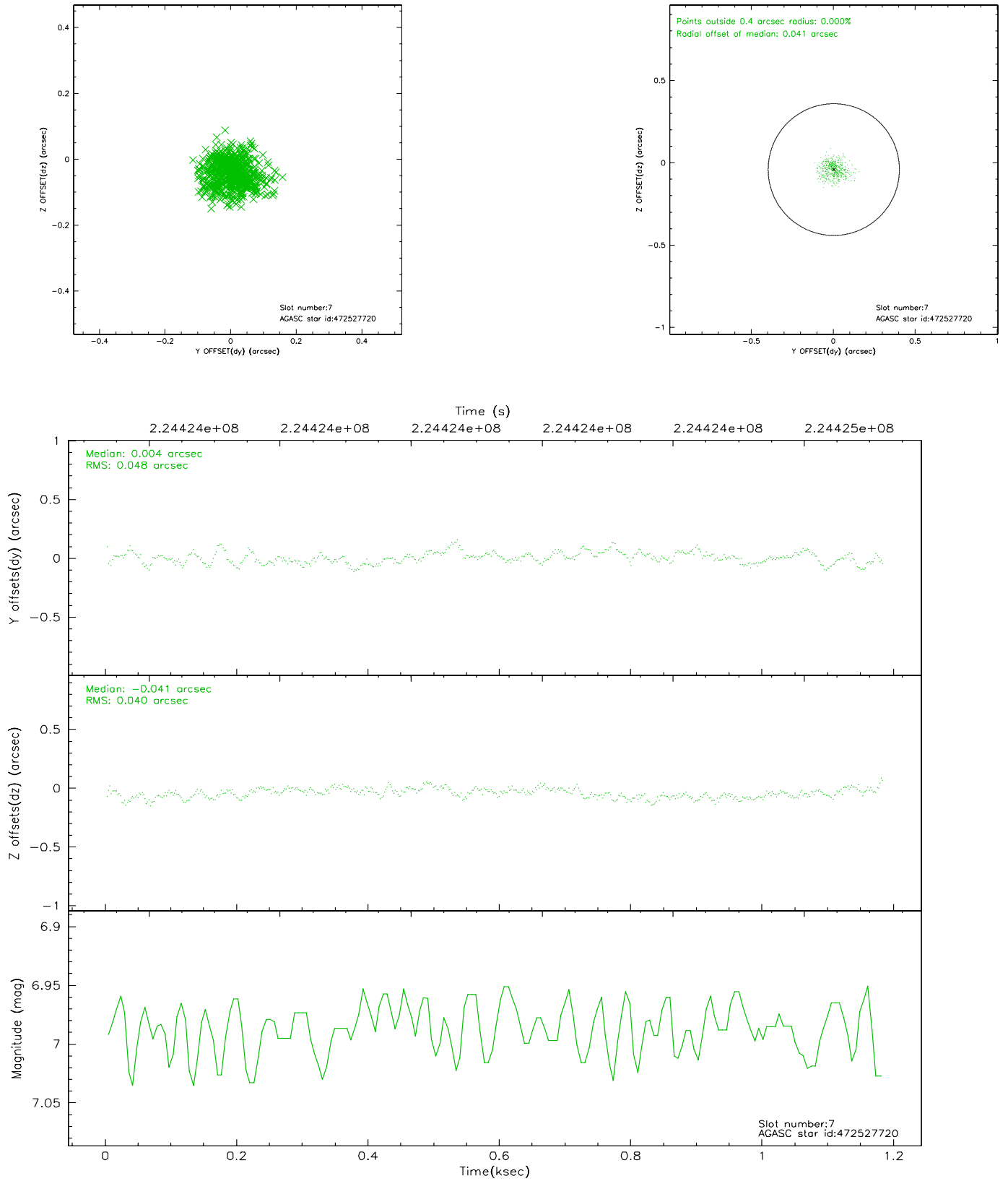
### 2.4.3 Slot 5



## 2.4.4 Slot 6

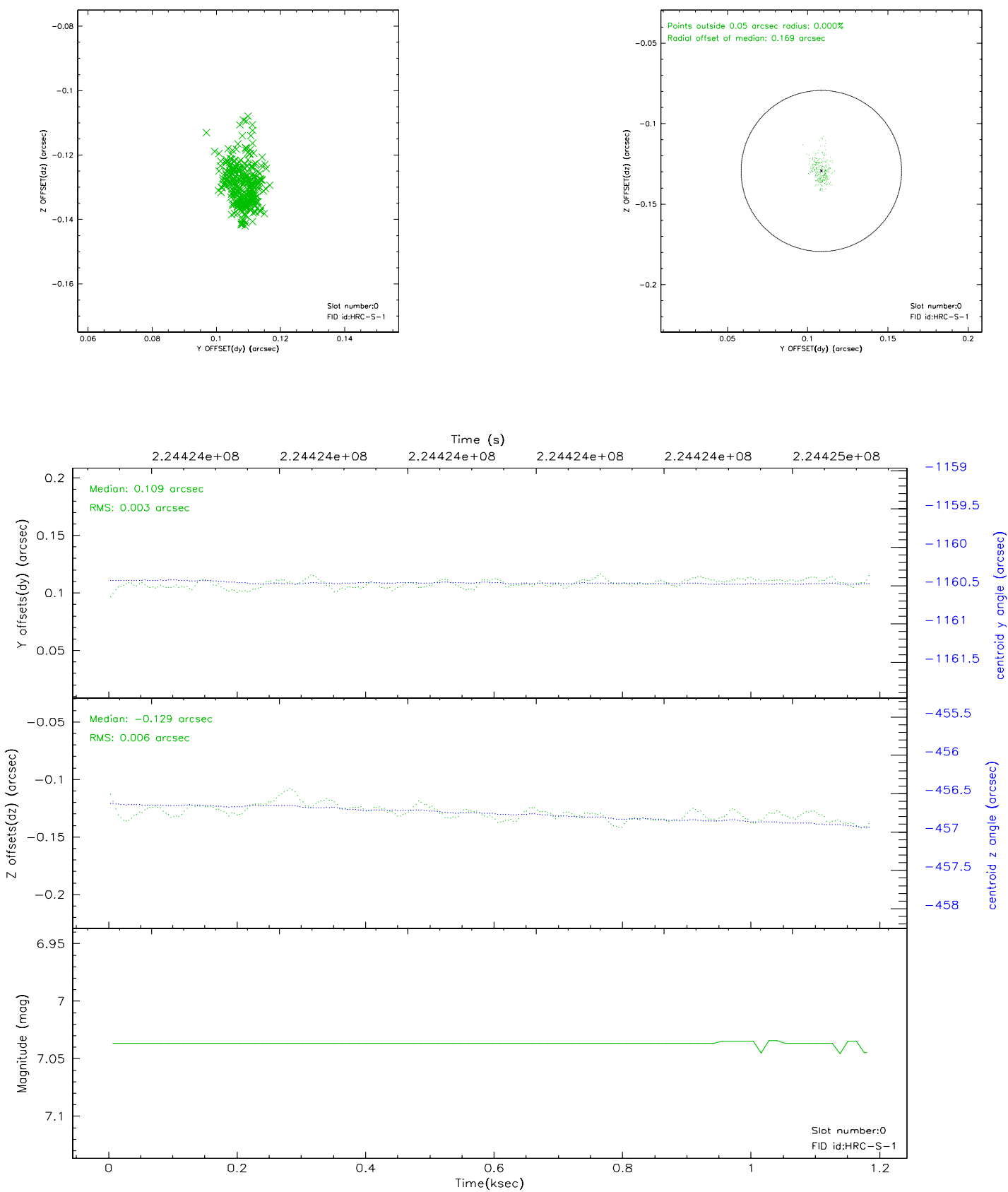


## 2.4.5 Slot 7

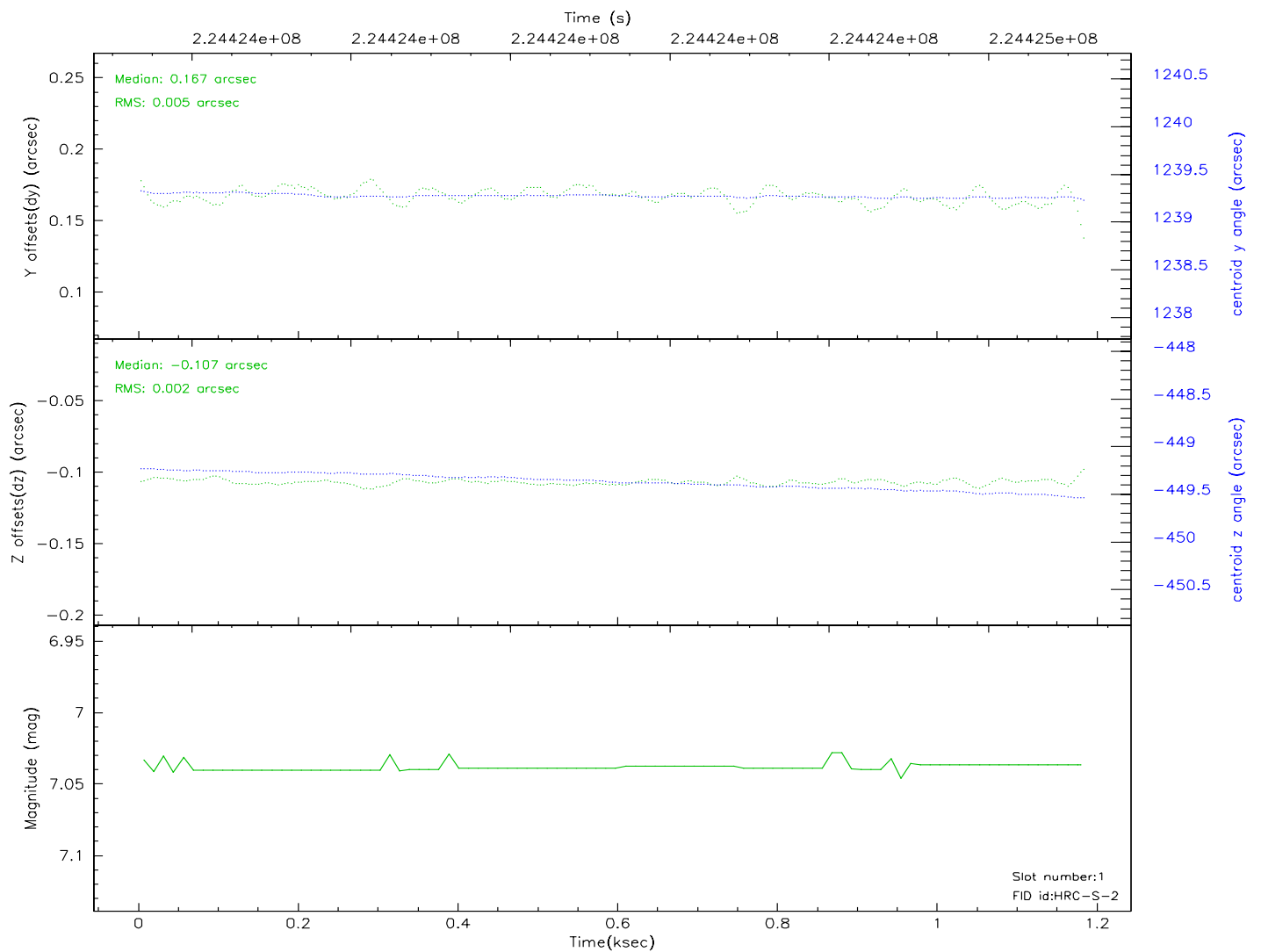
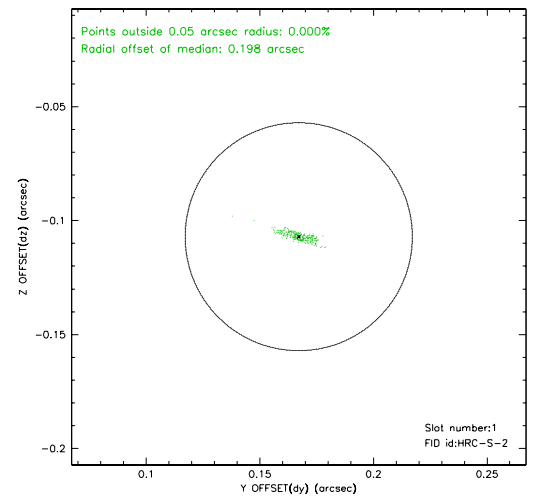
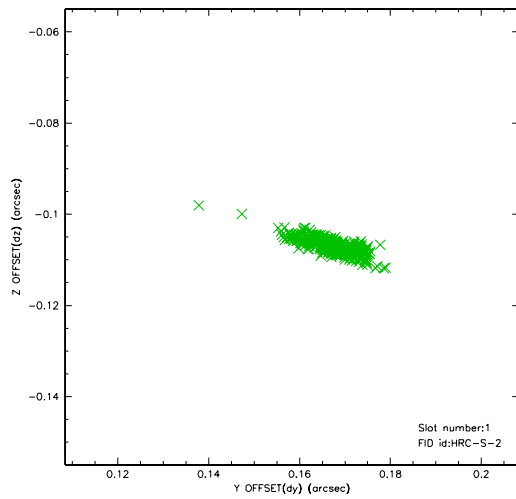


## 2.5 FID Slots

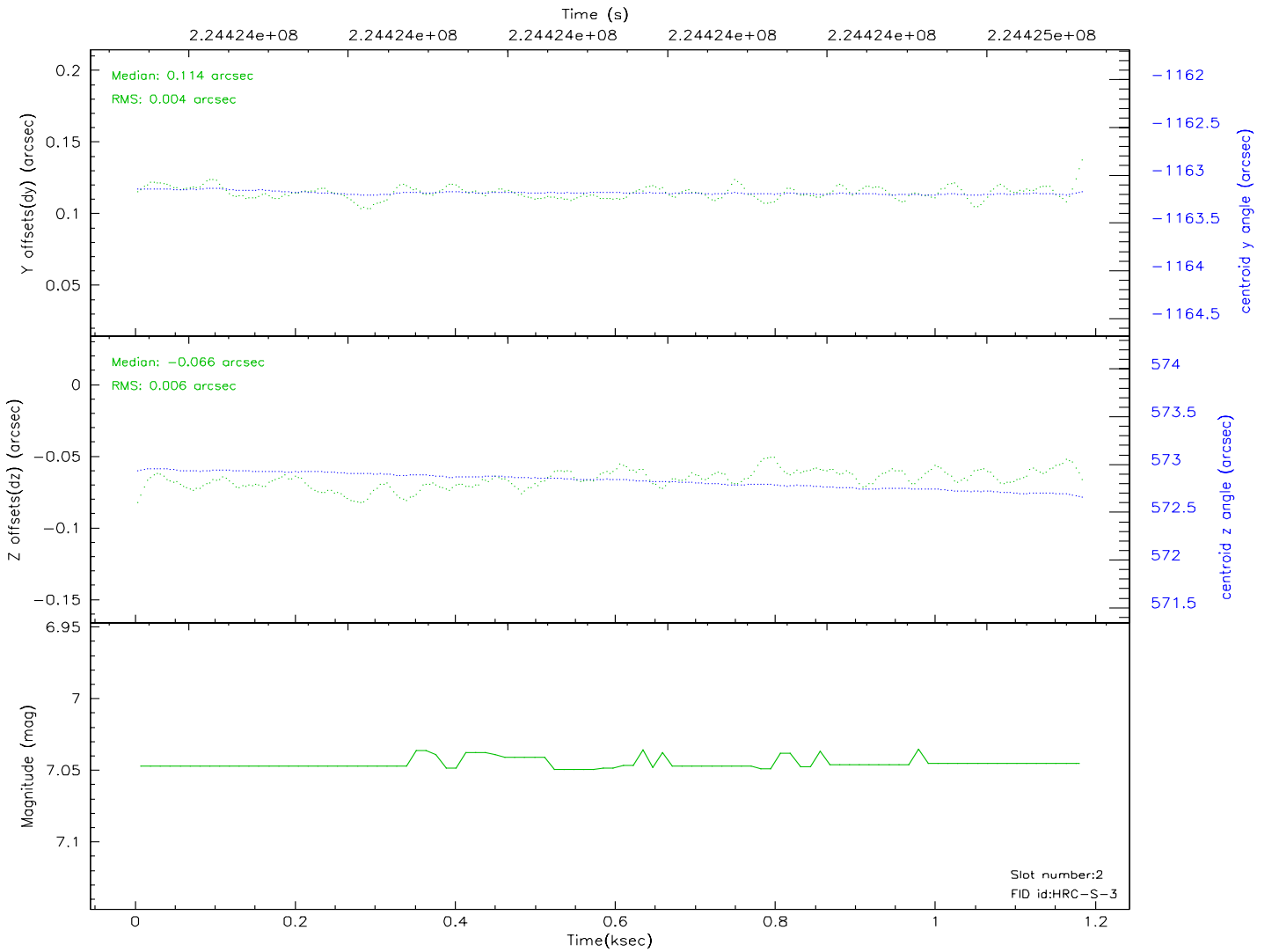
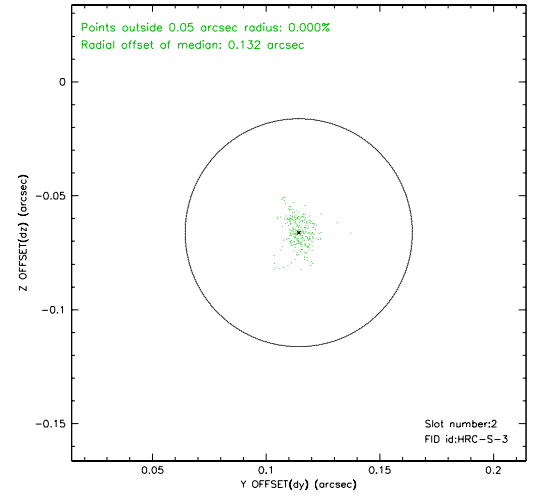
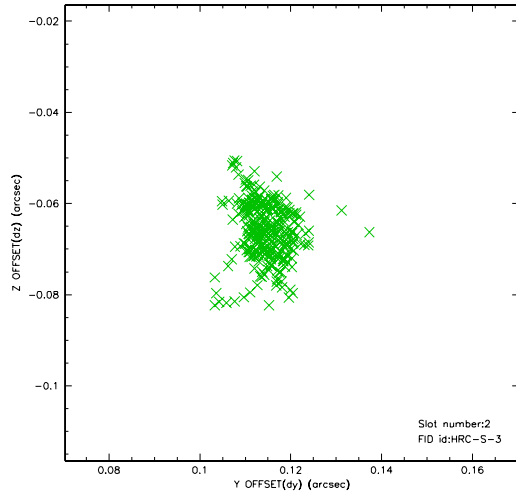
### 2.5.1 Slot 0



### 2.5.2 Slot 1

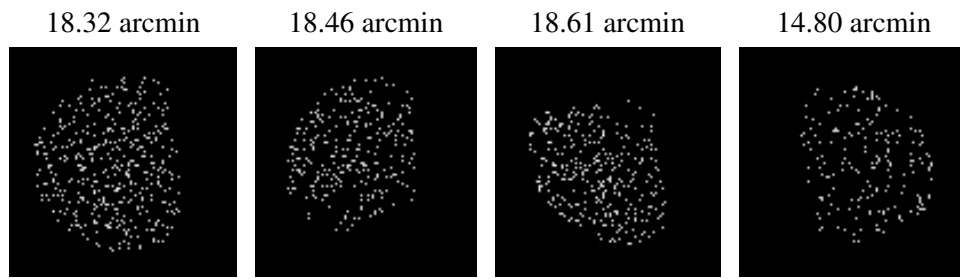


### 2.5.3 Slot 2





### 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	1.151331

### A.2 Comments