

# V&V Reference Report

## L2 ASCDS Version : 7.6.7

Observation 6041 - L2 Version 002  
Chandra X-Ray Center

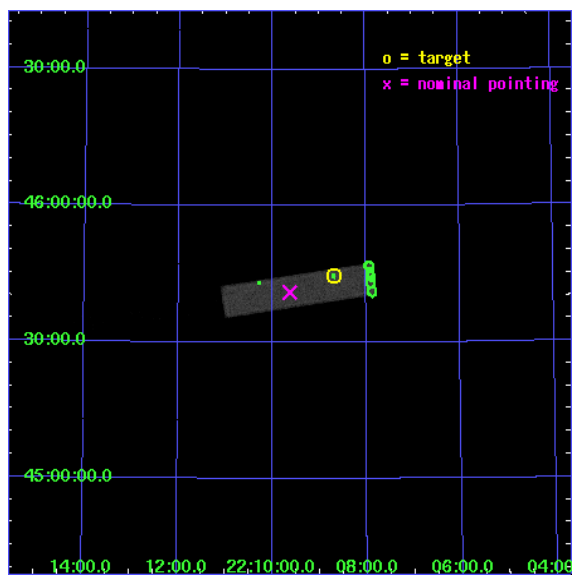
L2 Processing Date: Feb 22 2006

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# 1 Front

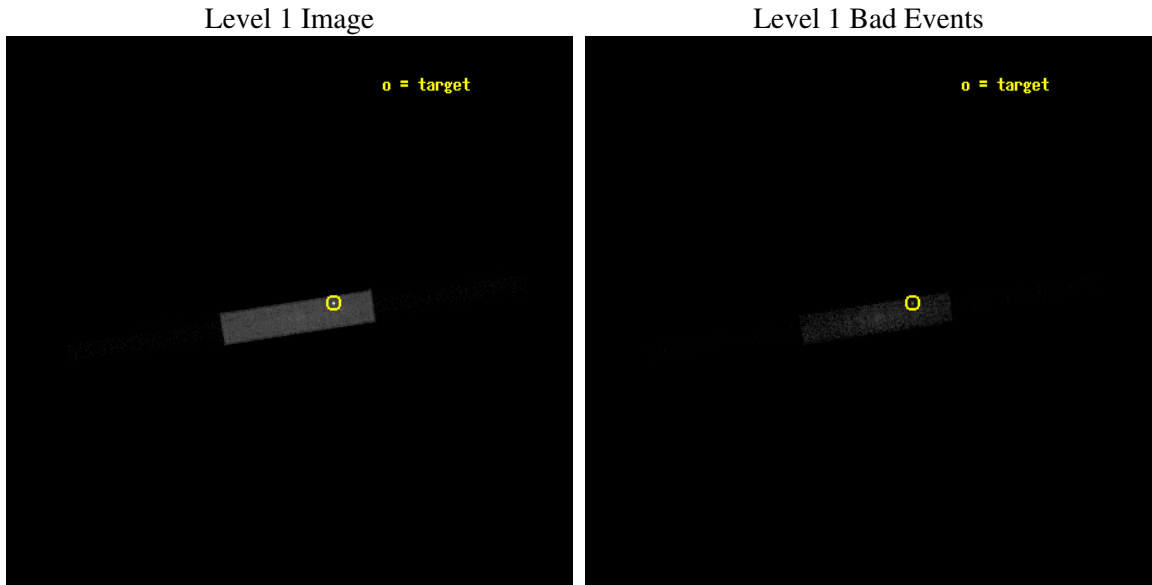
seq_num	290533
obs_id	6041
title	AO6A Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain
observer	Dr. CXC Calibration
object	ArLac
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.40590386031
dec_nom	45.683250962591
roll_nom	351.25143155007
revision	2
ontime	1157.2250523567
livetime	1154.6608077434
l2events	51317



## 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	2006-02-22T23:21:29
revision	2

sched_exp_time	1000.000000
ontime	1186.1813036501
l1events	81979

### 2.1.3 Events

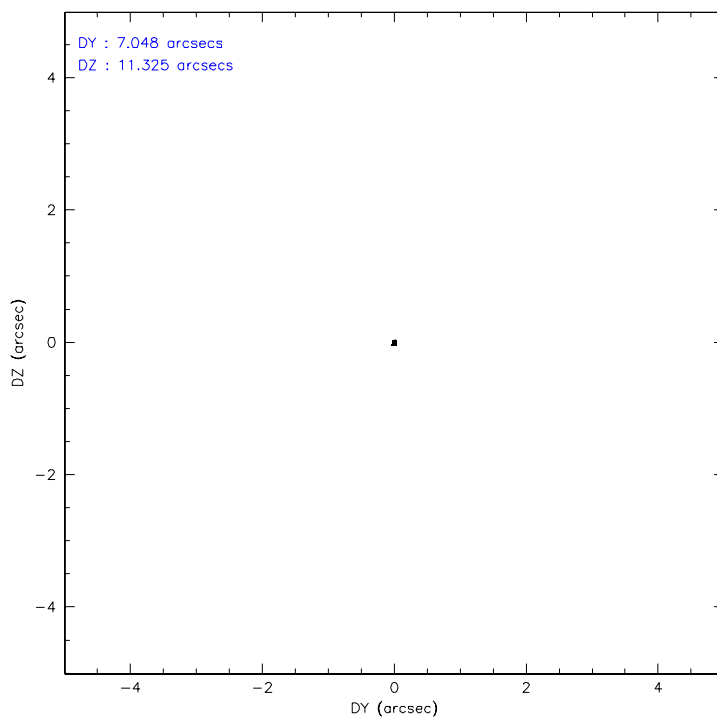
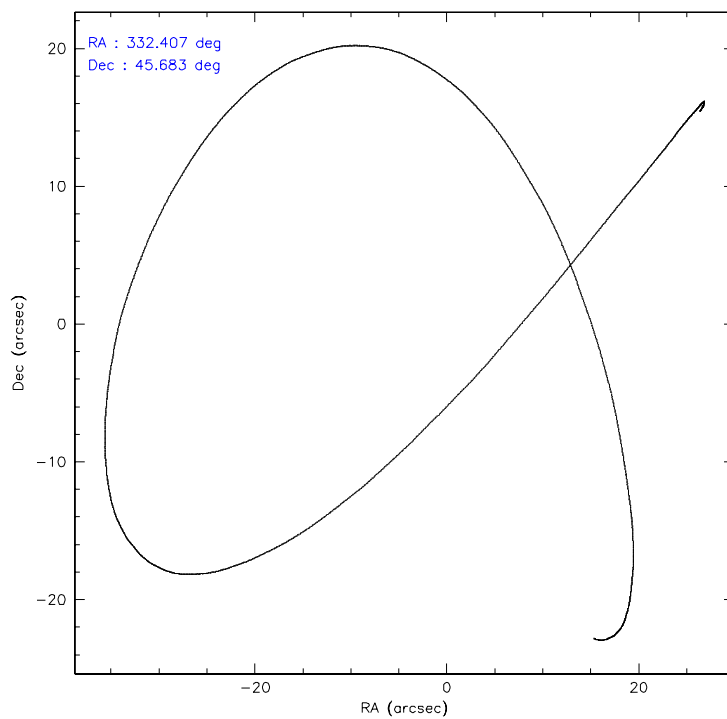
#### Level 1 Events

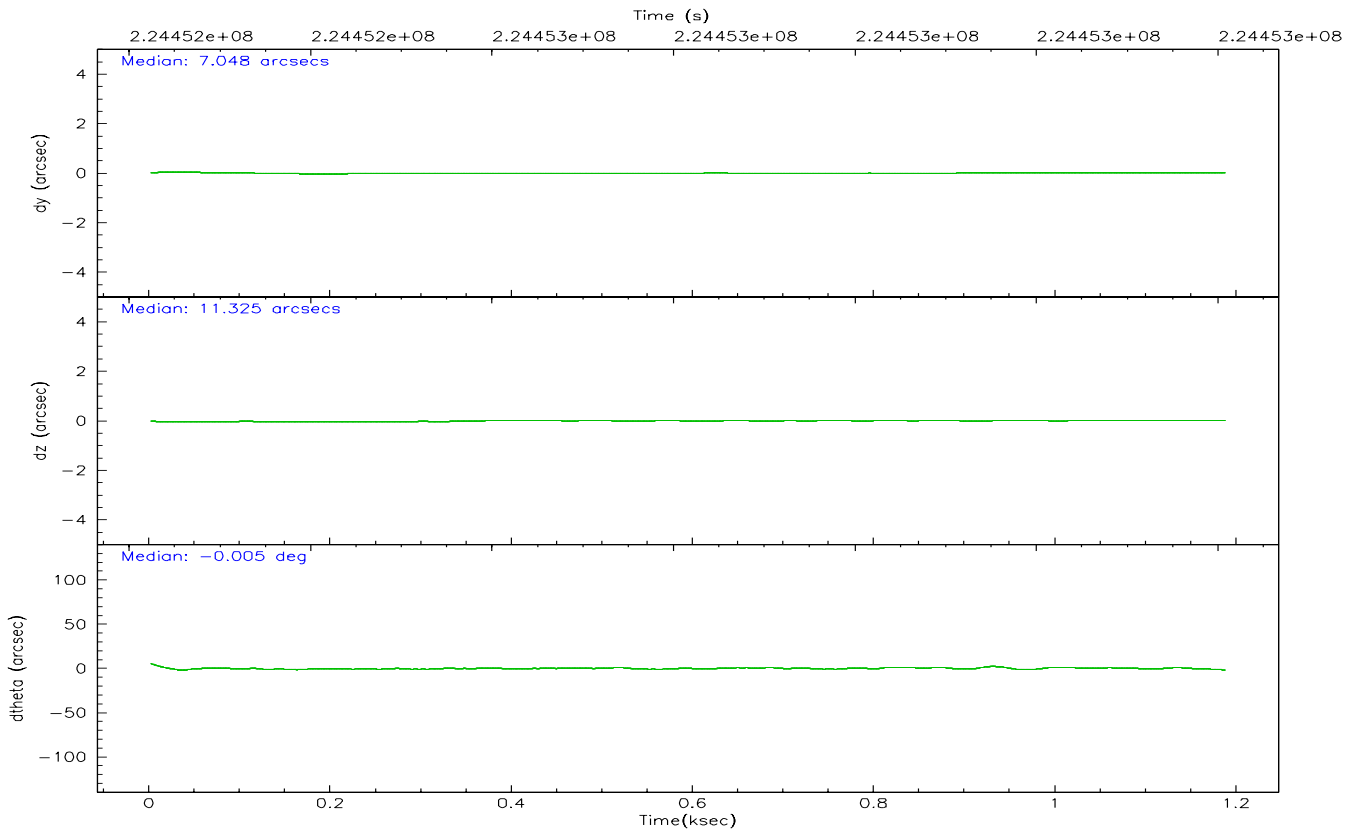
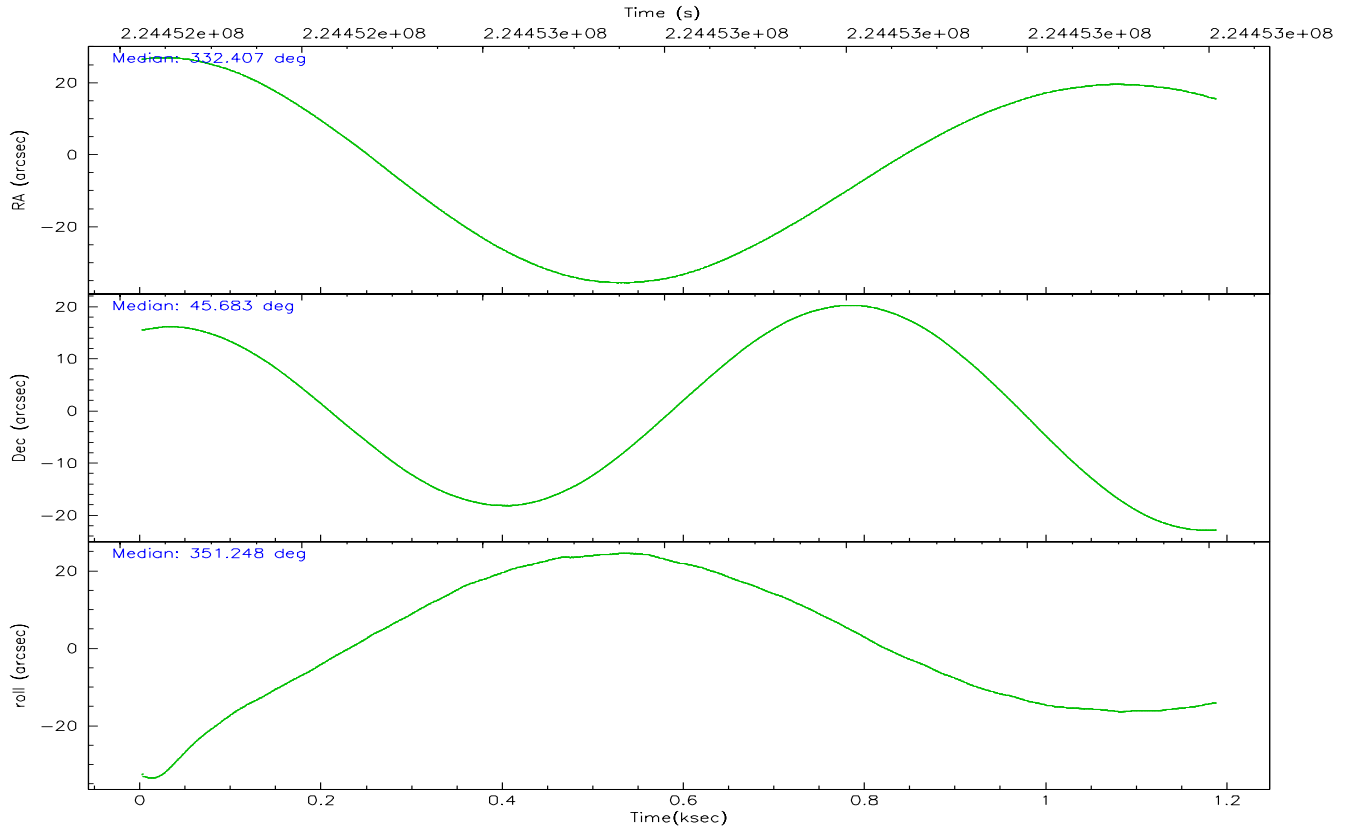
	<b>segment 1</b>	<b>segment 2</b>	<b>segment 3</b>
level 1 events	673	80660	646
rejected events	673	26008	628
rejected %	100%	32%	97%

## 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	332.367912	332.4059038603094			
Pointing Dec	45.671549	45.68325096259071			
Pointing Roll	351.211323	351.2514315500705			
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	224452413.184000	224452036.40874			
Observation start date	2005-02-10T19:52:29	2005-02-10T19:47:16			
Observation end time	224453413.184000	224454264.24634			
Observation end date	2005-02-10T20:09:09	2005-02-10T20:24:24			

## 2.3 Aspect



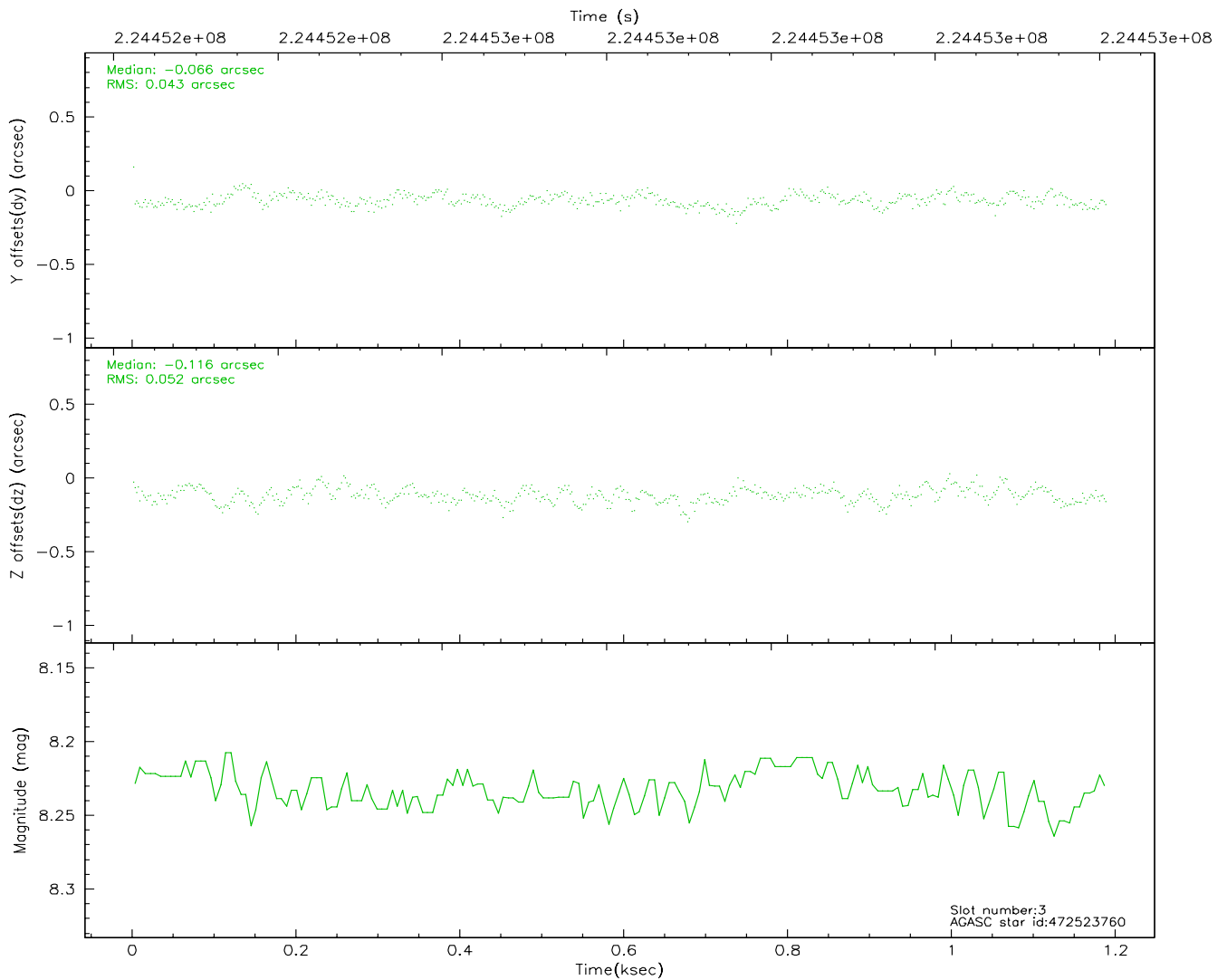
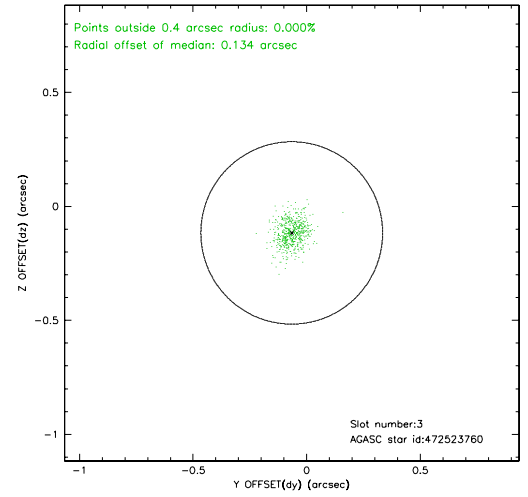
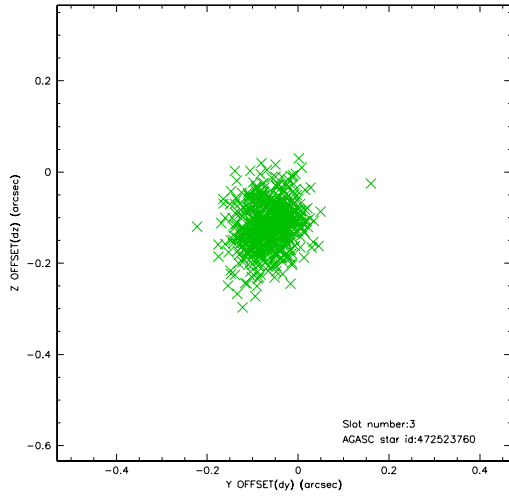


### Slot Statistics

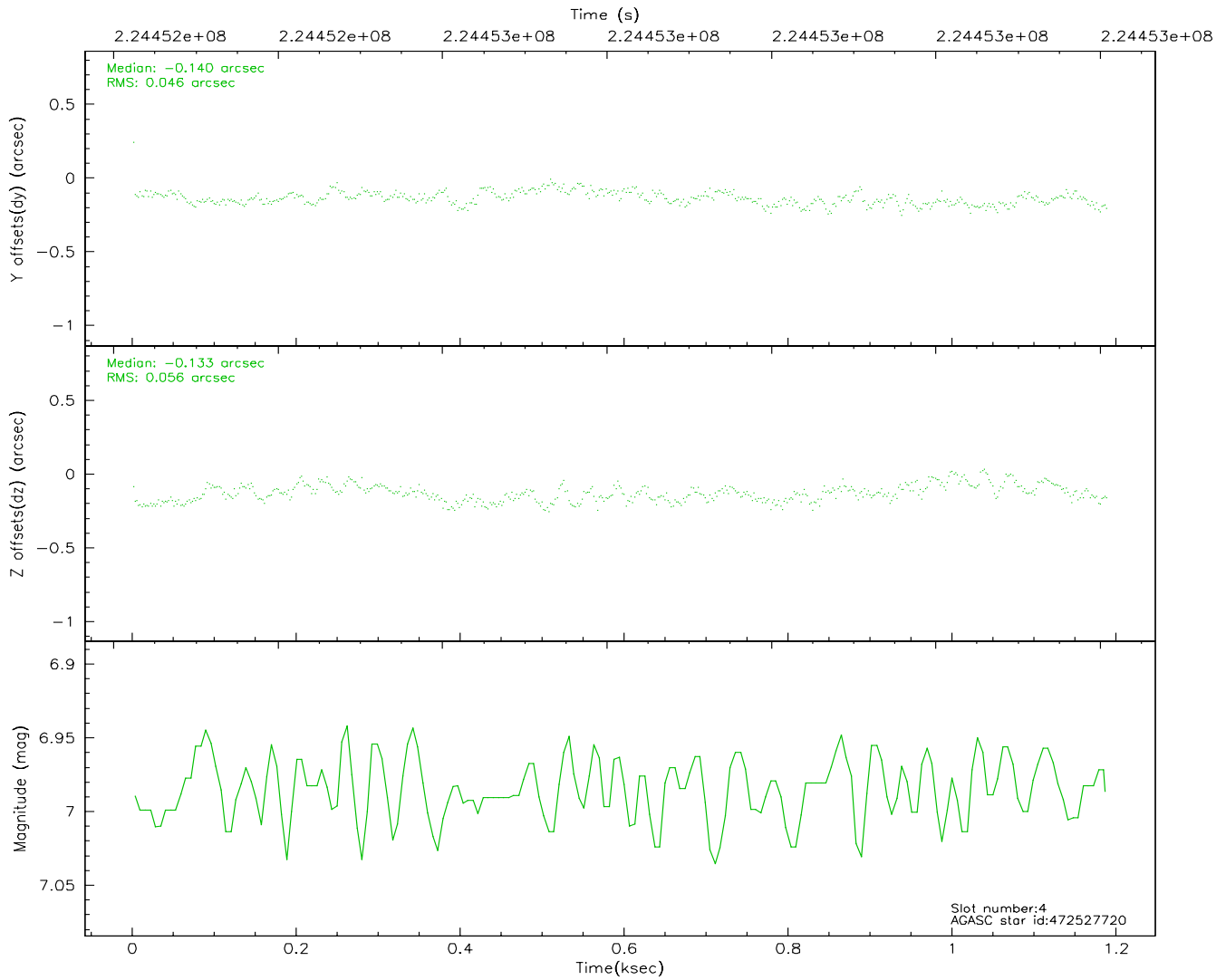
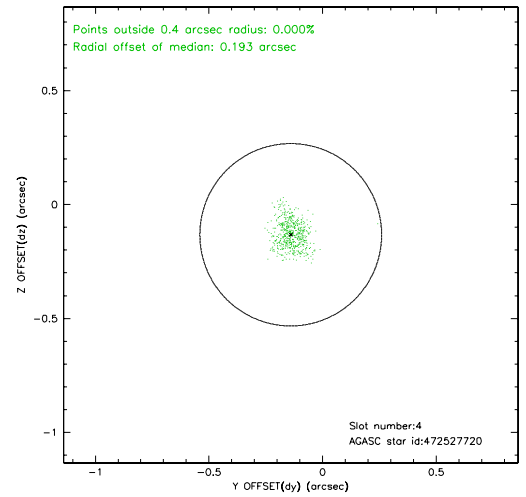
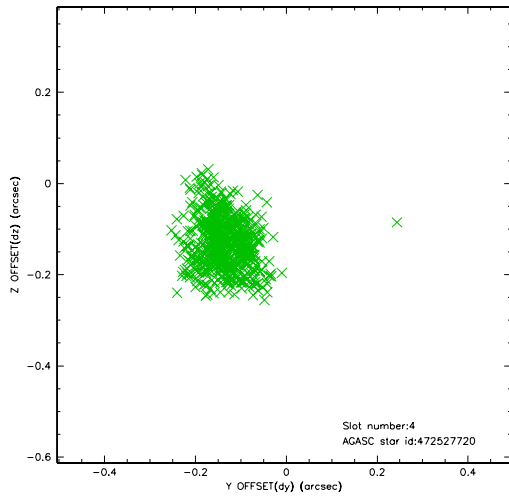
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.02	290	0.081	-0.124	0.008	0.016	0.000000	0.000000	-1161.22	-460.04
1	FID	HRC-S-2	7.01	290	0.138	-0.188	0.009	0.018	0.000000	0.000000	1234.51	-454.25
2	FID	HRC-S-4	6.97	290	0.186	0.008	0.011	0.017	0.000000	0.000000	1241.36	570.69
3	GUIDE	472523760	8.23	579	-0.066	-0.116	0.069	0.119	331.645363	45.403260	-1660.21	-1225.87
4	GUIDE	472527720	6.98	580	-0.140	-0.133	0.076	0.128	331.460205	45.112509	-1978.05	-2331.04
5	GUIDE	472533912	9.17	579	0.066	0.058	0.123	0.186	331.791136	46.368695	-1805.37	2262.25
6	GUIDE	472660976	8.61	578	0.263	0.236	0.063	0.108	333.433329	46.196713	2327.67	2295.85
7	GUIDE	472665256	9.01	576	-0.114	-0.021	0.113	0.182	332.808125	46.195041	798.00	2036.86

## 2.4 Star Slots

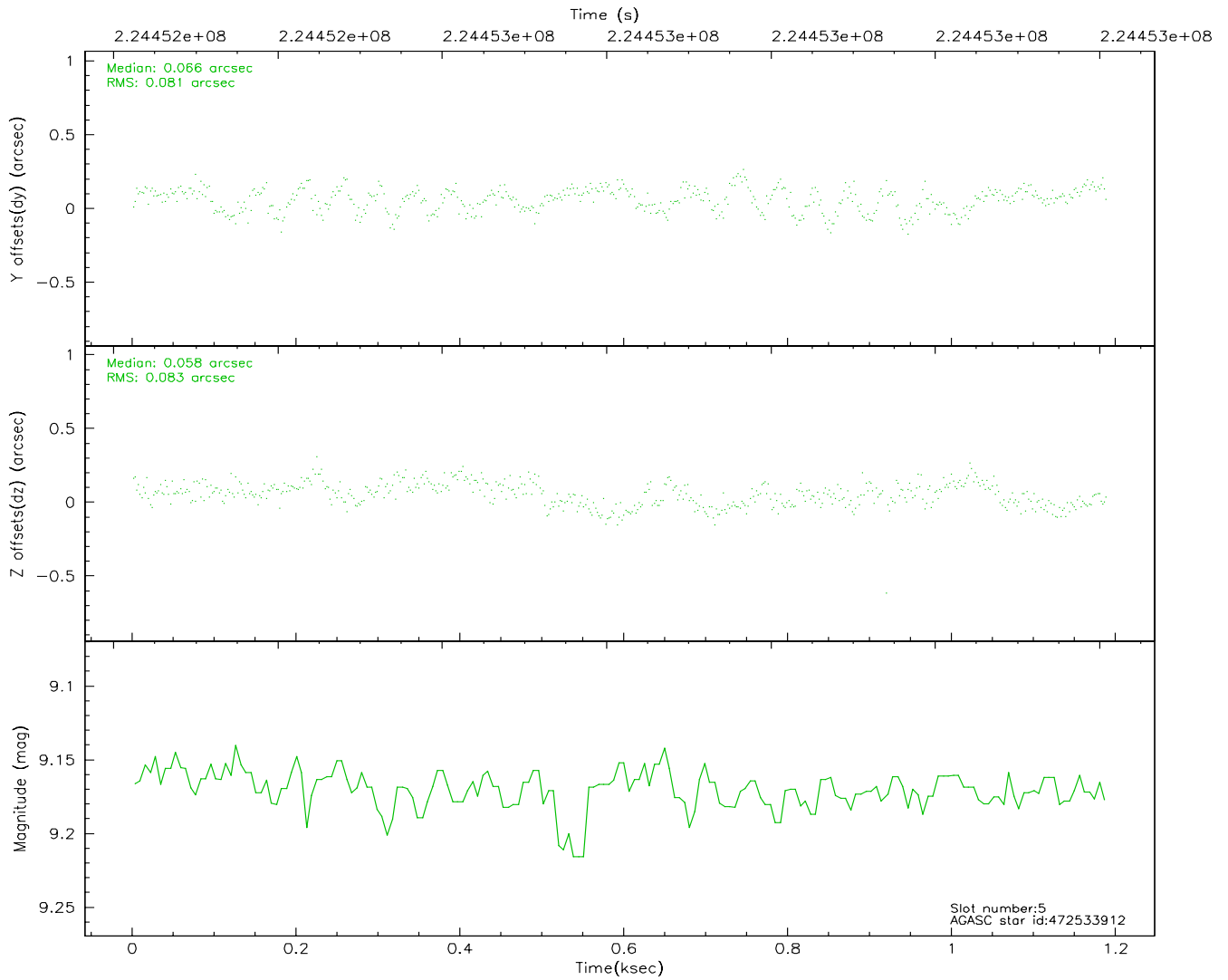
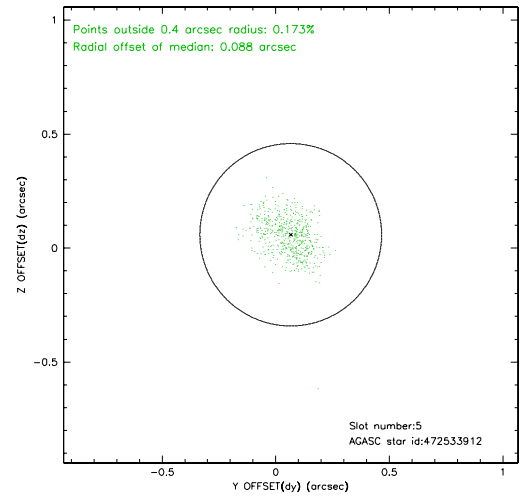
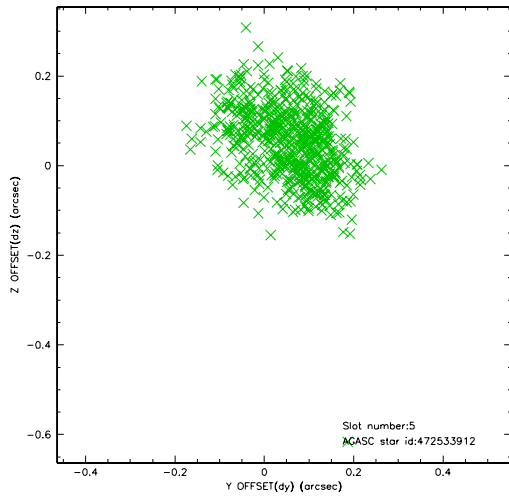
### 2.4.1 Slot 3



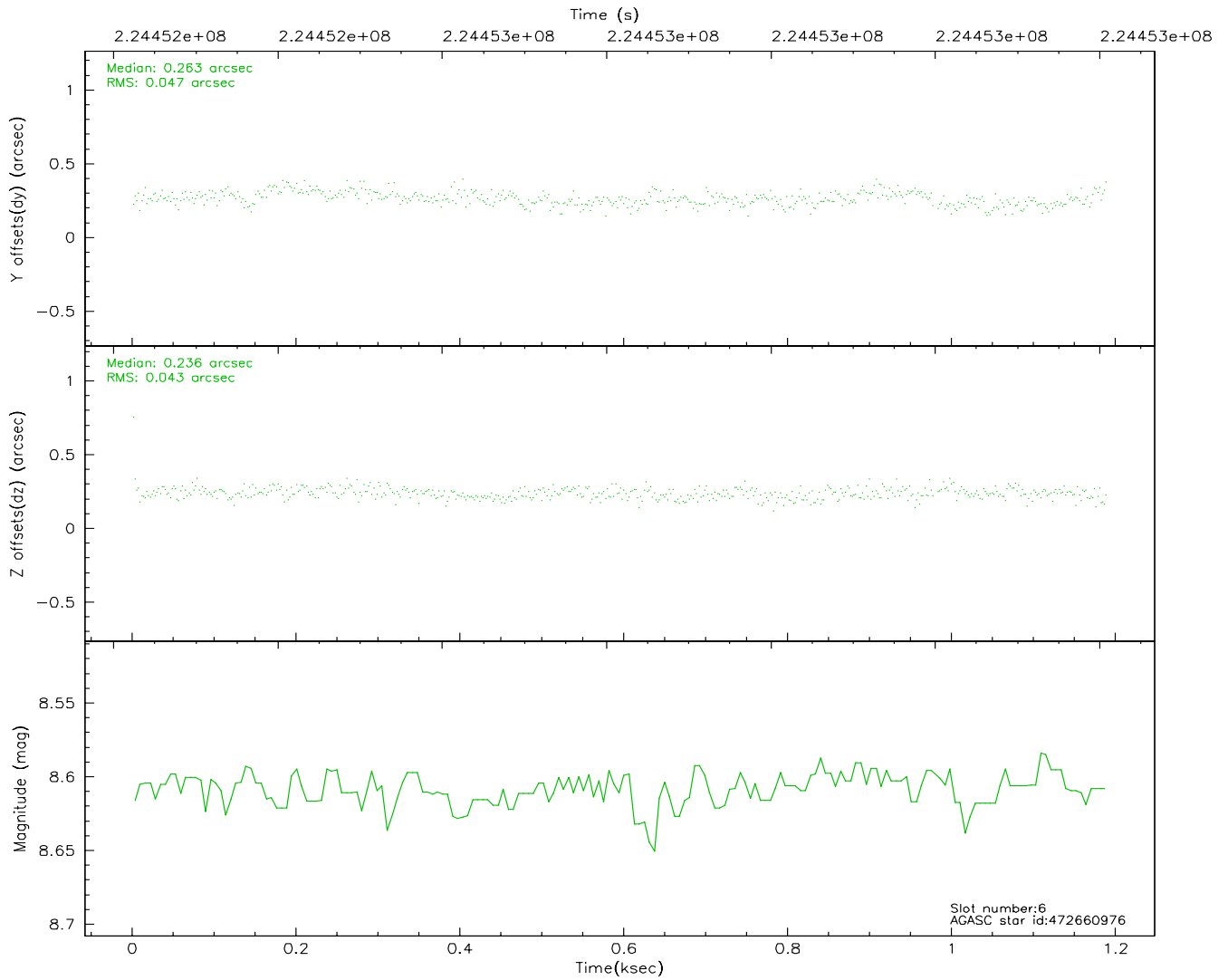
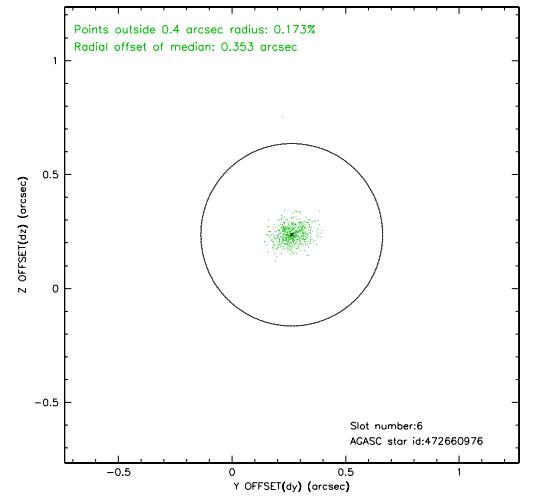
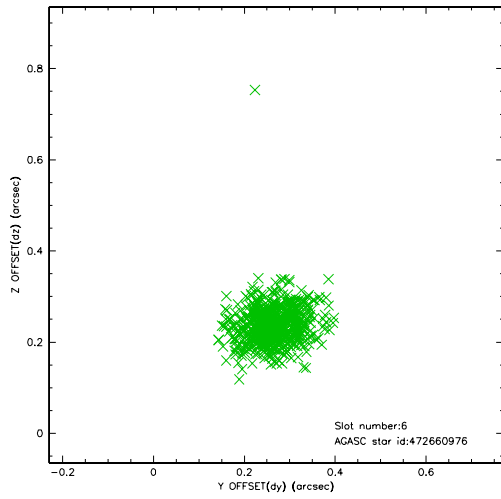
## 2.4.2 Slot 4



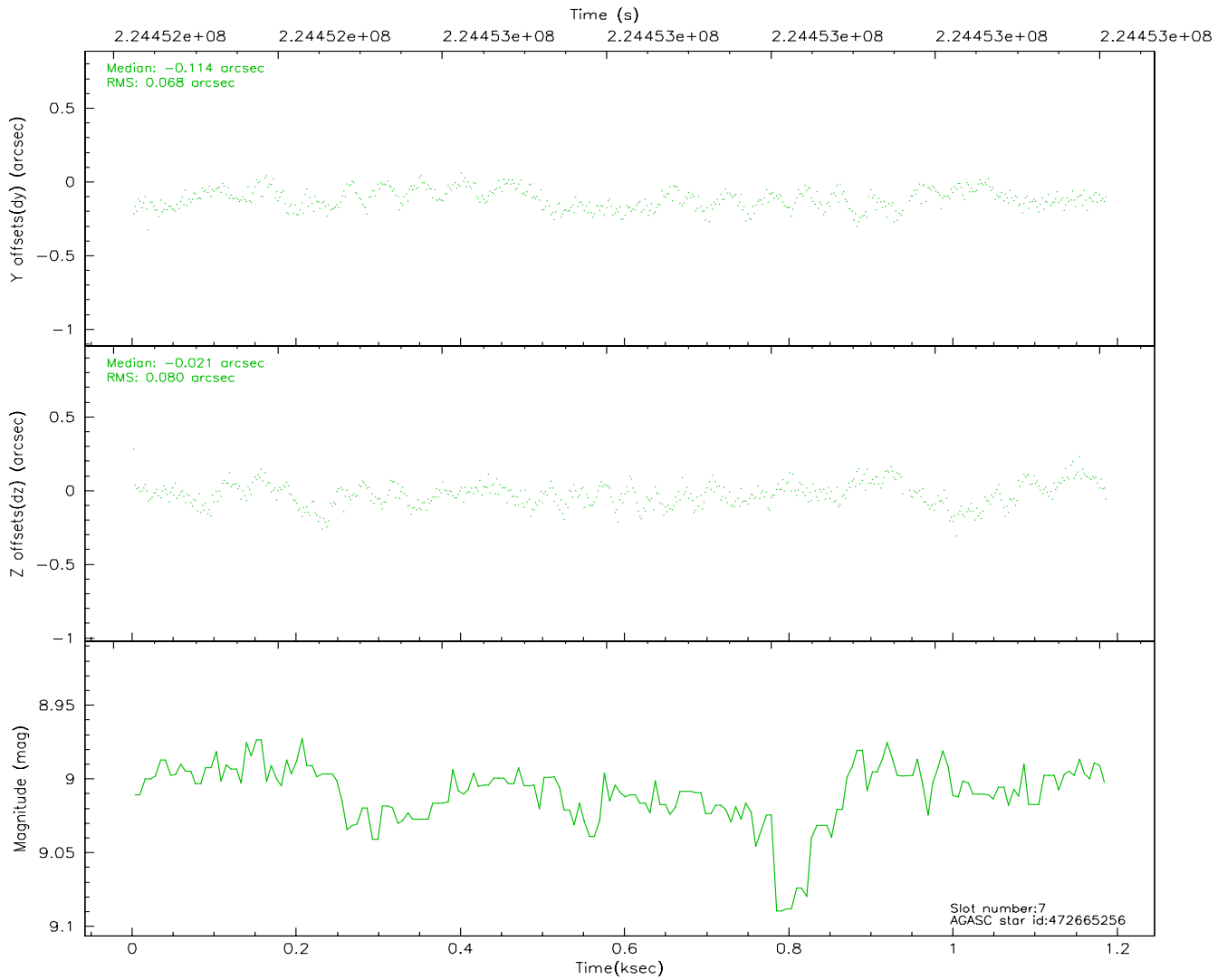
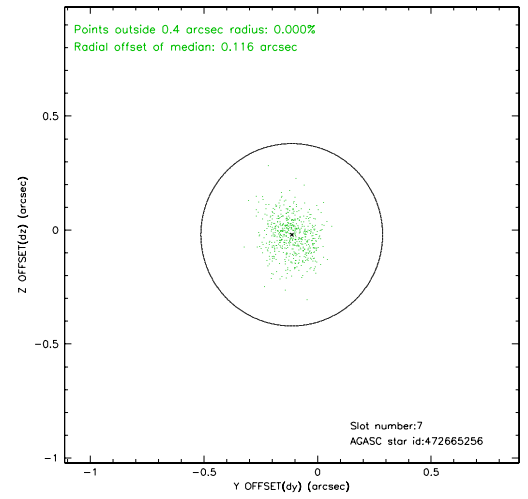
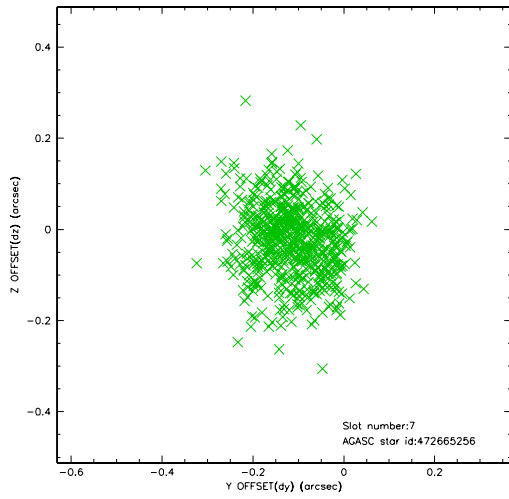
### 2.4.3 Slot 5



### 2.4.4 Slot 6

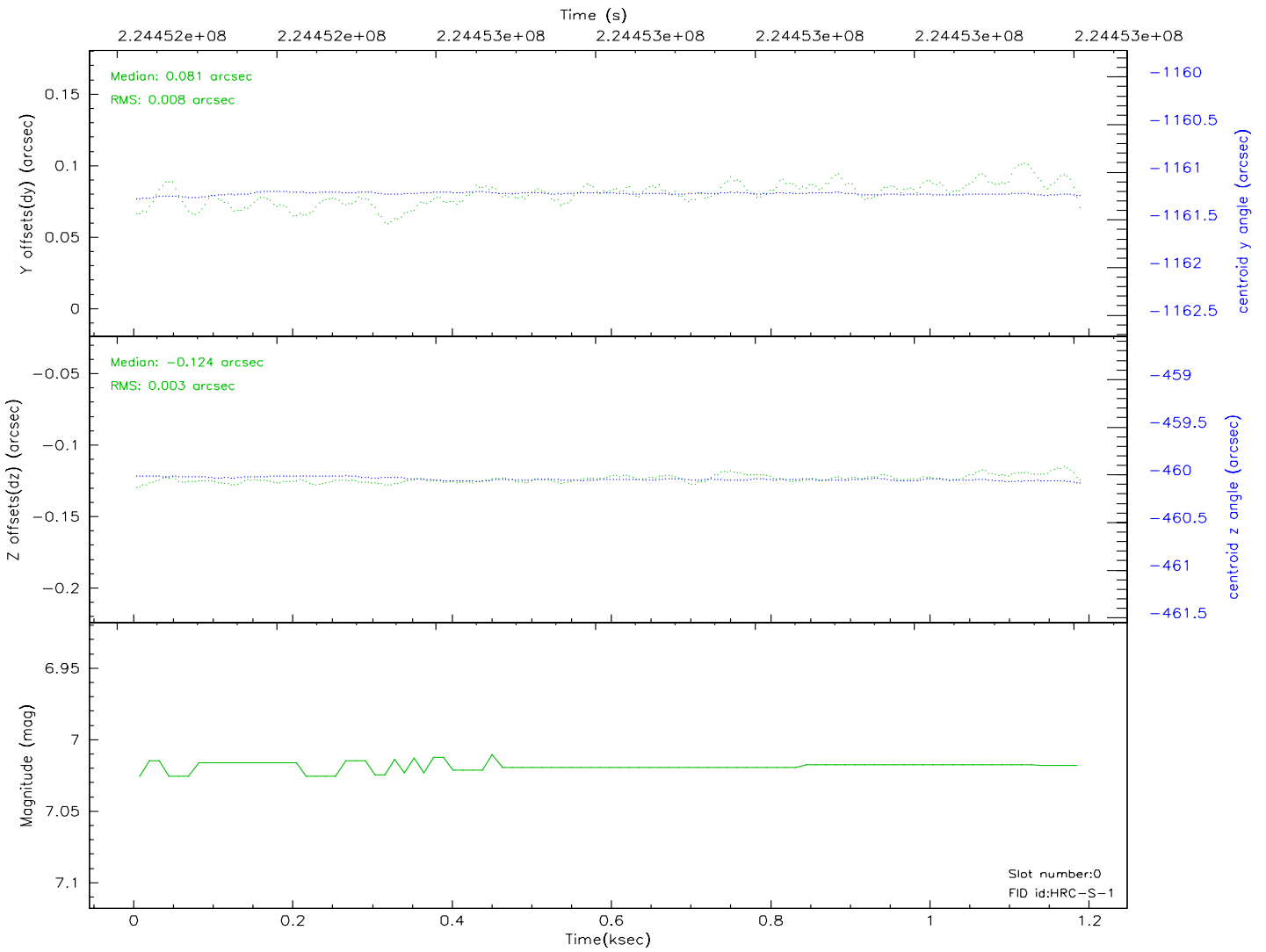
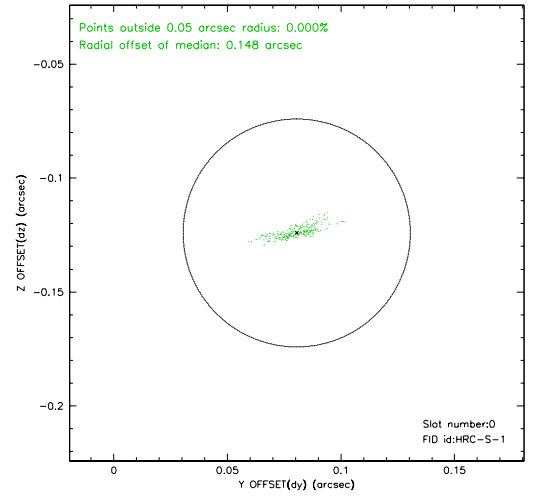
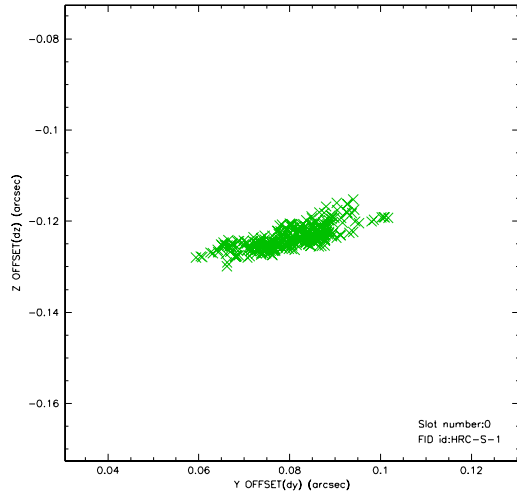


### 2.4.5 Slot 7

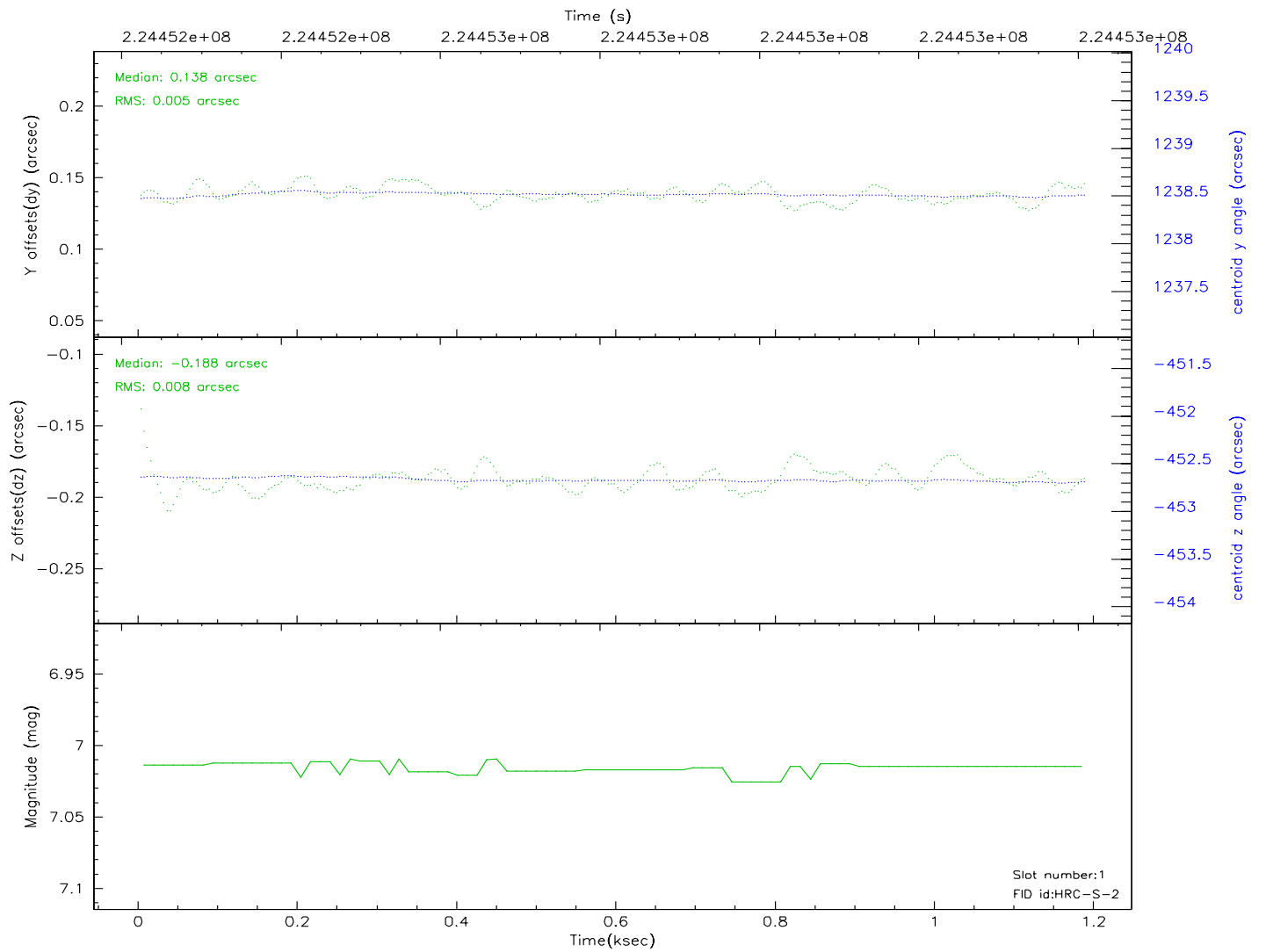
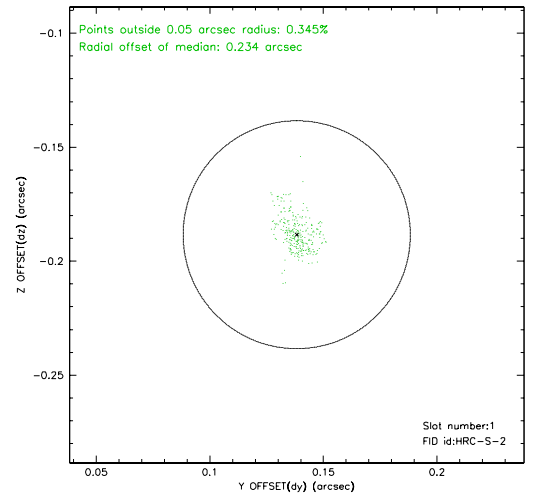
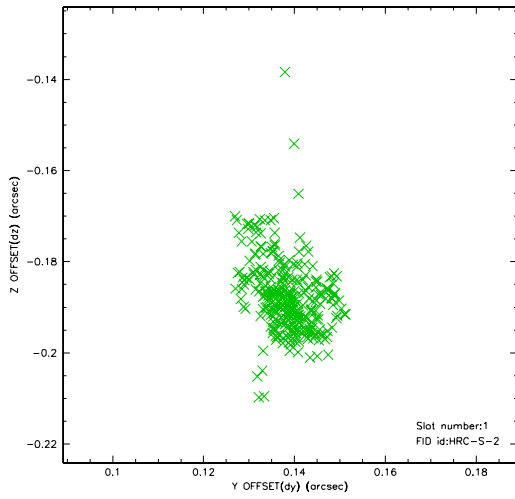


## 2.5 FID Slots

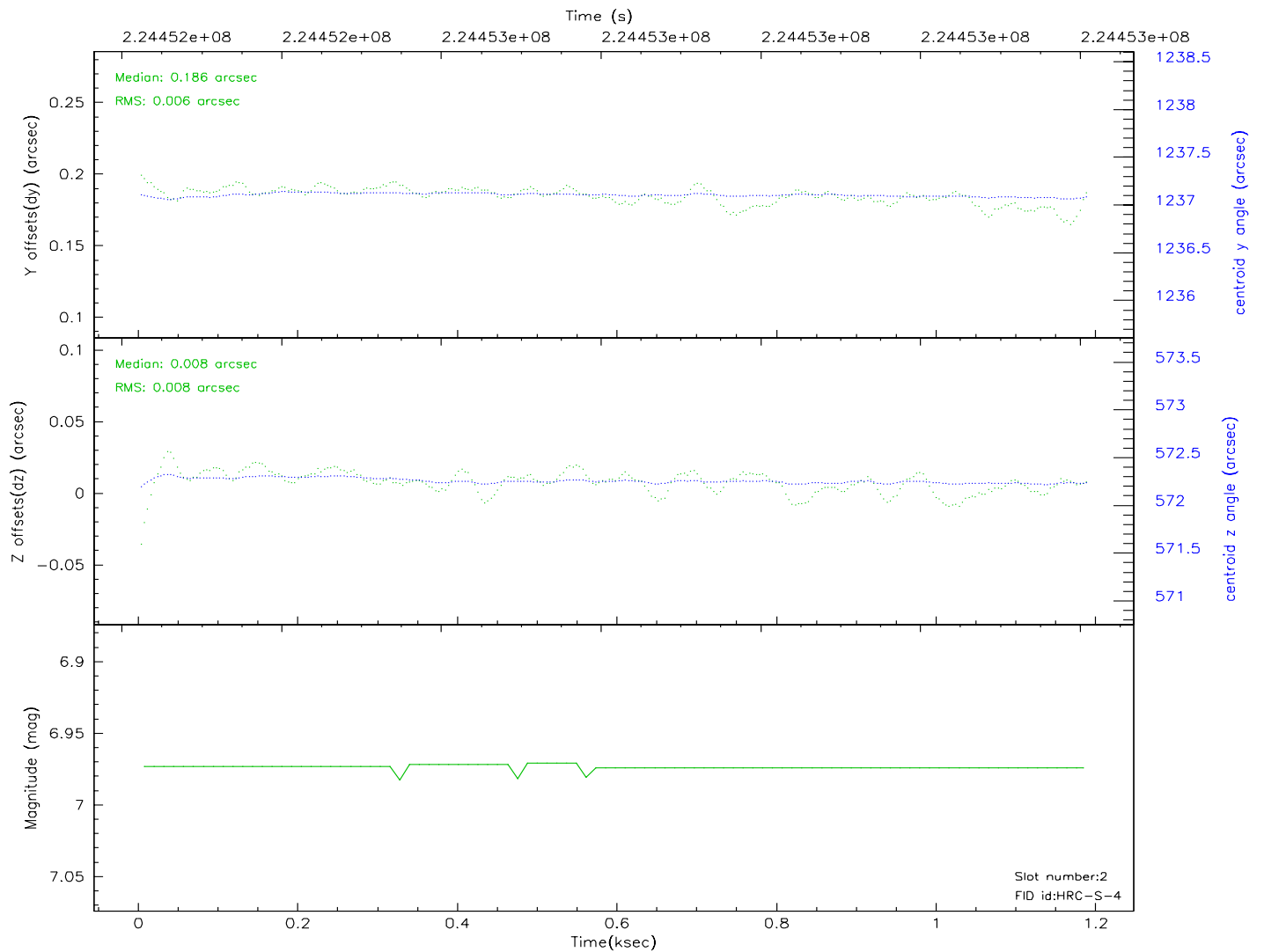
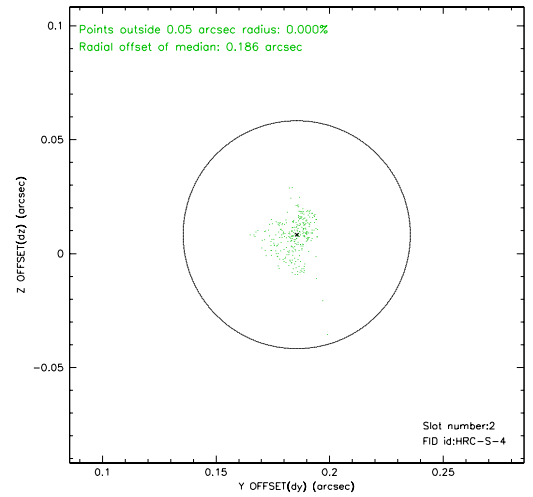
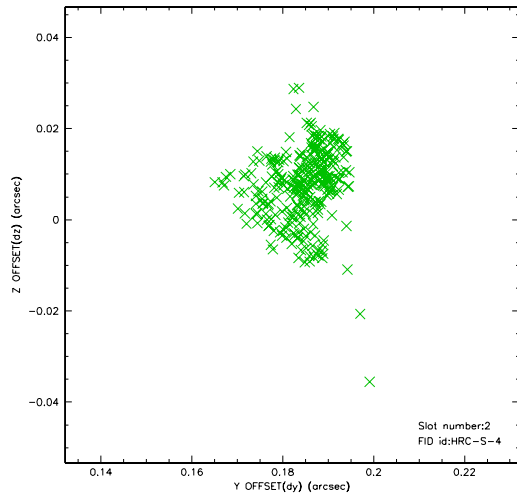
### 2.5.1 Slot 0



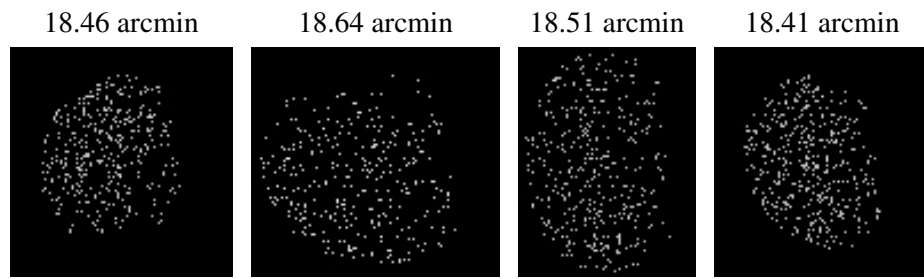
## 2.5.2 Slot 1



### 2.5.3 Slot 2



### 3 Point Sources



# A Summary

## A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.02.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.157225

## A.2 Comments