

# V&V Reference Report

## L2 ASCDS Version : 7.6.7

Observation 6036 - L2 Version 002  
Chandra X-Ray Center

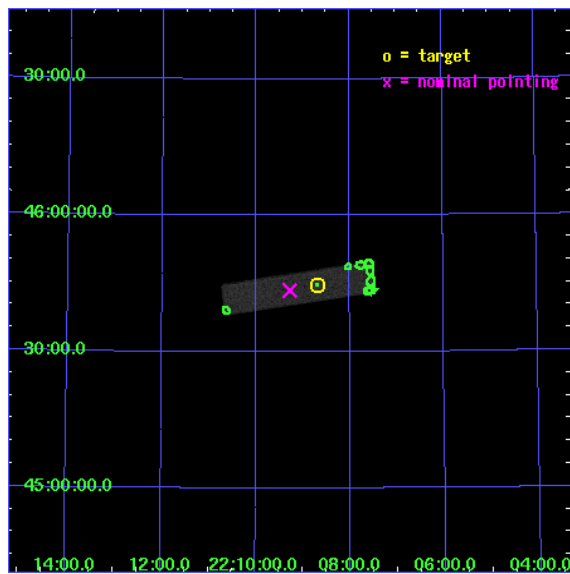
L2 Processing Date: Feb 22 2006

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# 1 Front

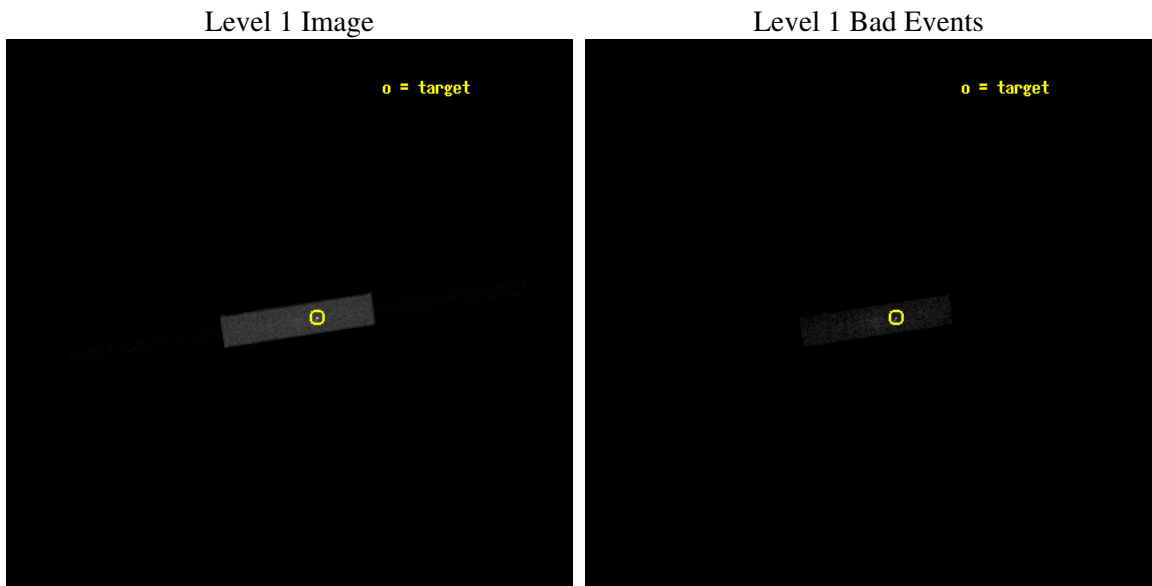
seq_num	290528
obs_id	6036
title	AO6A Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain
observer	Dr. CXC Calibration
object	ArLac
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.31847503776
dec_nom	45.725214718661
roll_nom	351.2562915894
revision	2
ontime	1151.3313021064
livetime	1143.9457786925
l2events	49913



## 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	2006-02-22T22:44:54
revision	2

sched_exp_time	1000.000000
ontime	1181.0563034415
l1events	84559

### 2.1.3 Events

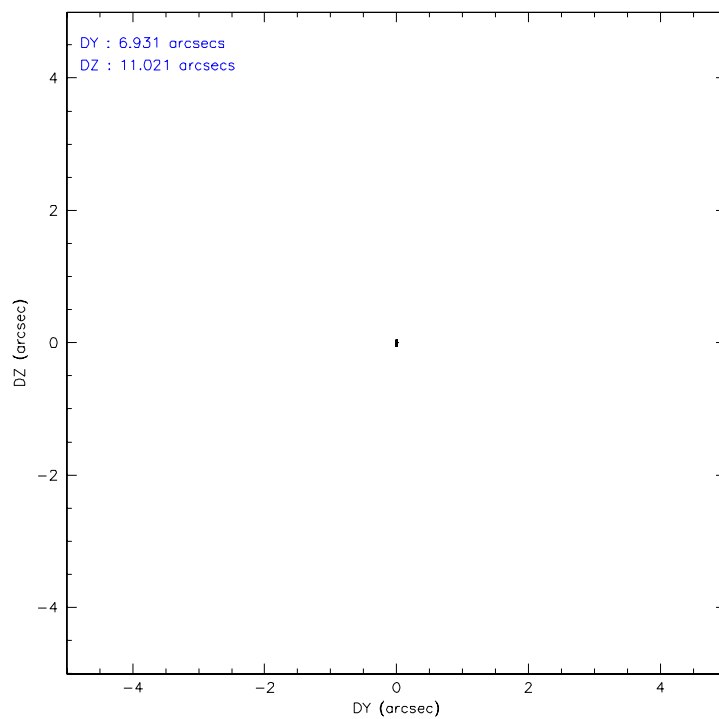
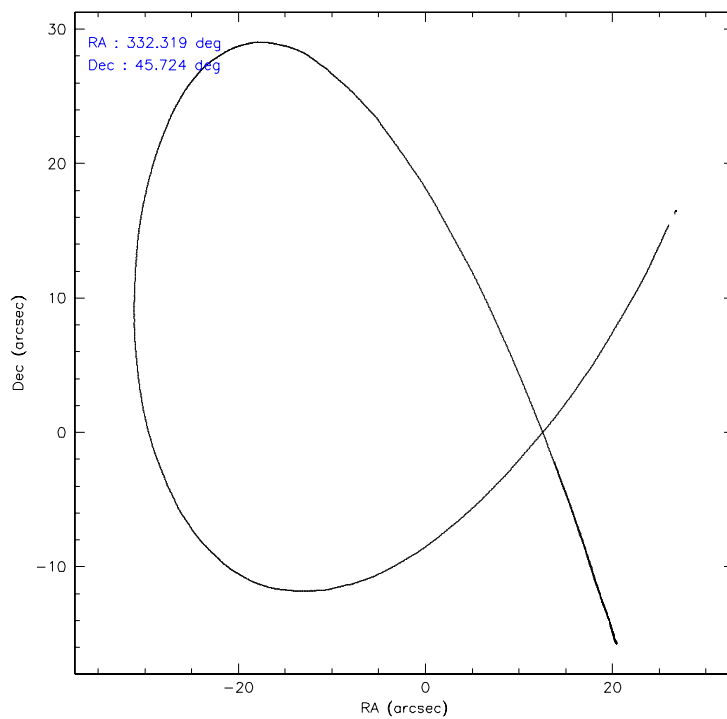
#### Level 1 Events

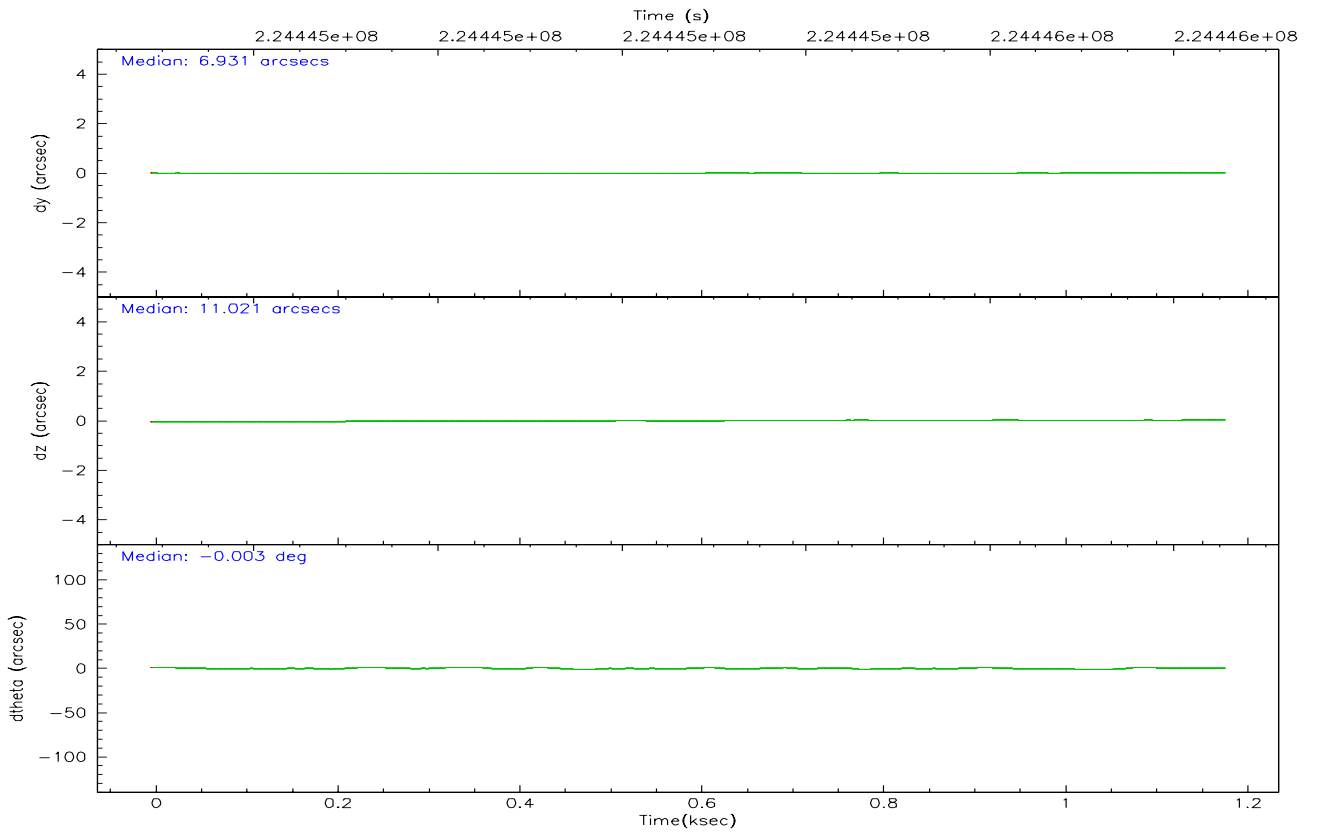
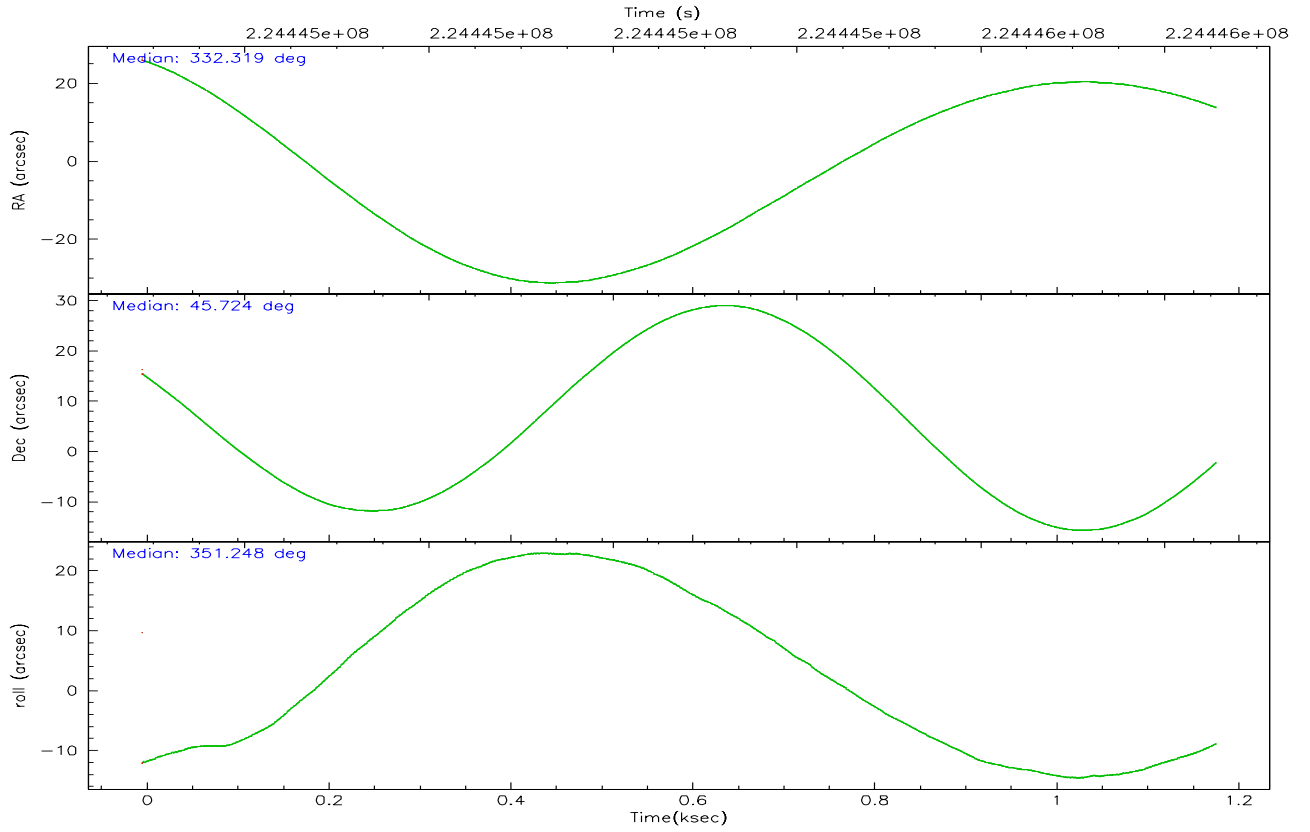
	<b>segment 1</b>	<b>segment 2</b>	<b>segment 3</b>
level 1 events	812	83037	710
rejected events	812	29753	693
rejected %	100%	35%	97%

## 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	332.280808	332.3184750377645			
Pointing Dec	45.714566	45.72521471866082			
Pointing Roll	351.215925	351.2562915893989			
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	224444863.184000	224444486.77089			
Observation start date	2005-02-10T17:46:39	2005-02-10T17:41:26			
Observation end time	224445863.184000	224445997.10846			
Observation end date	2005-02-10T18:03:19	2005-02-10T18:06:37			

## 2.3 Aspect



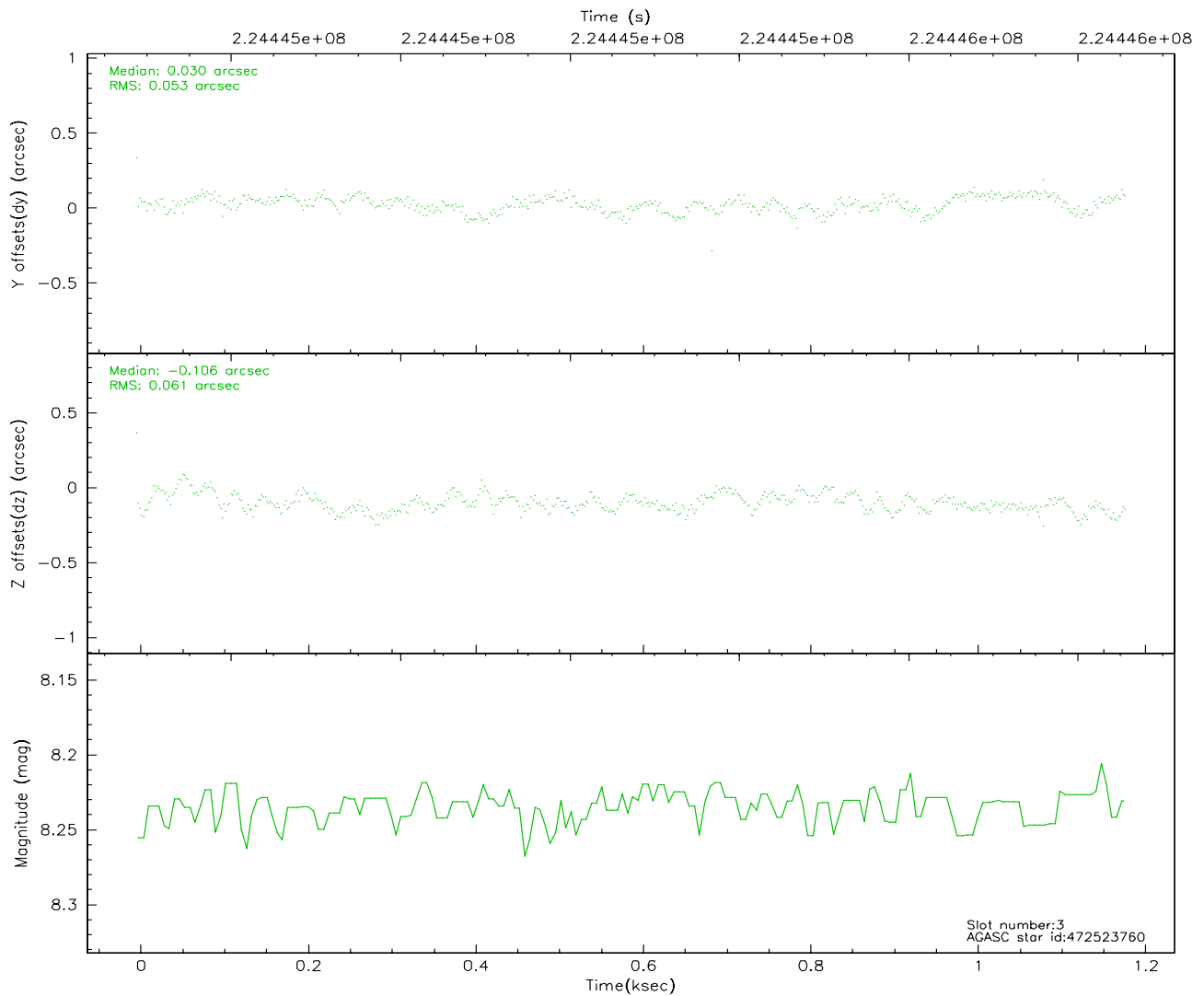
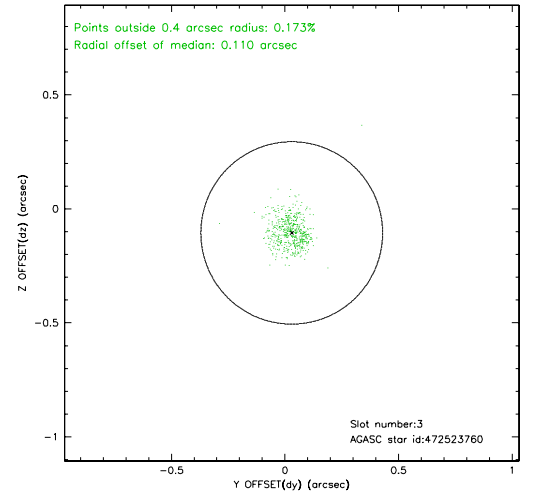
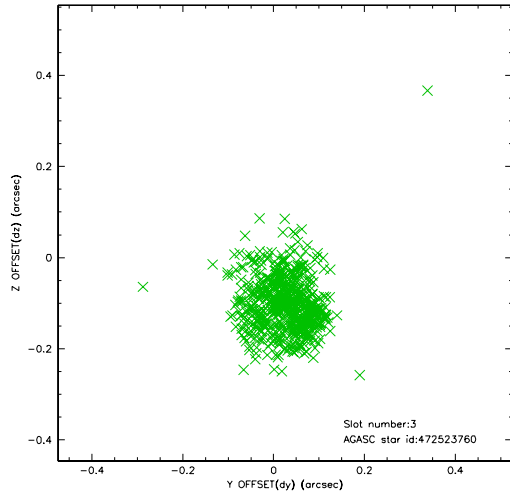


### Slot Statistics

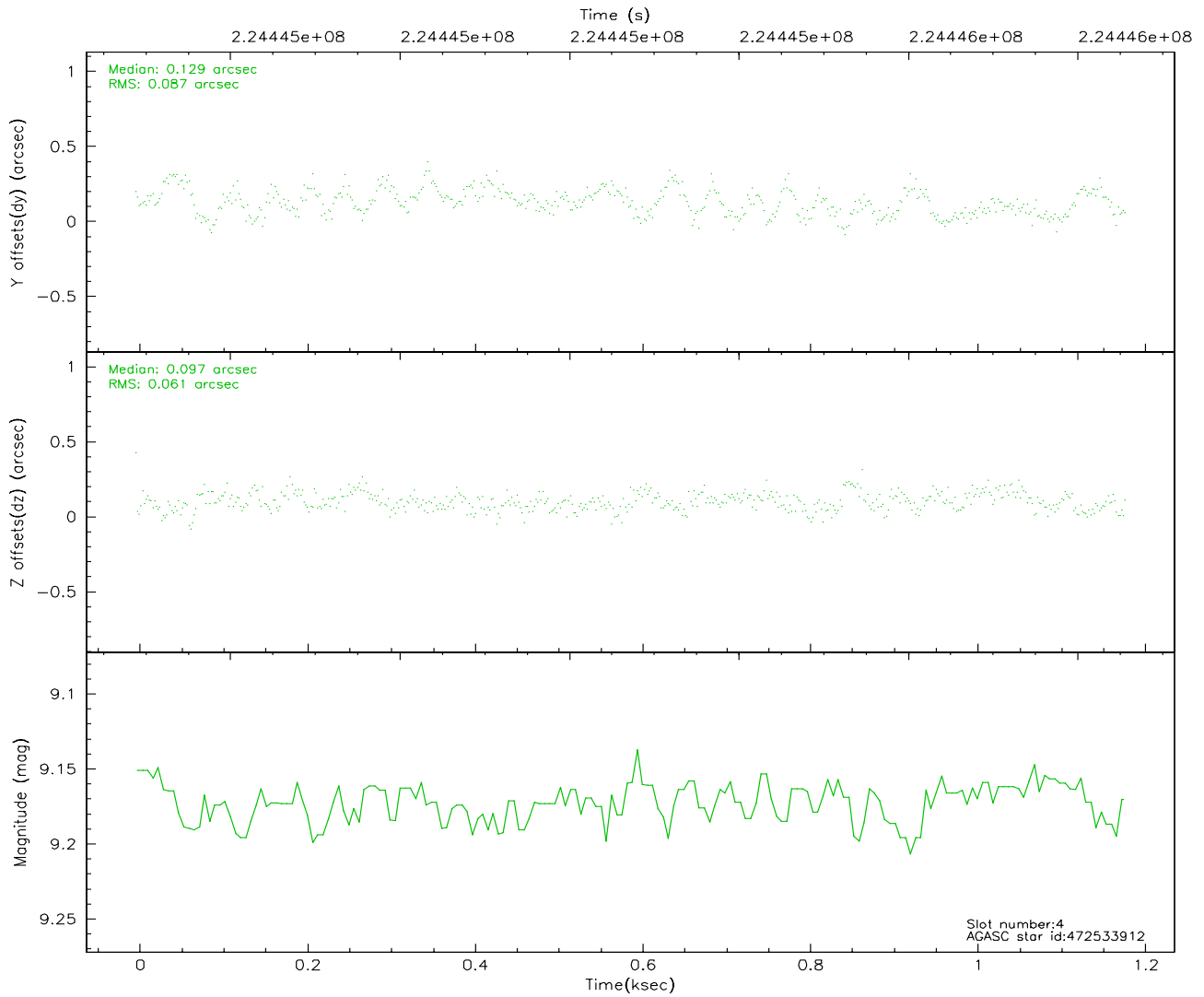
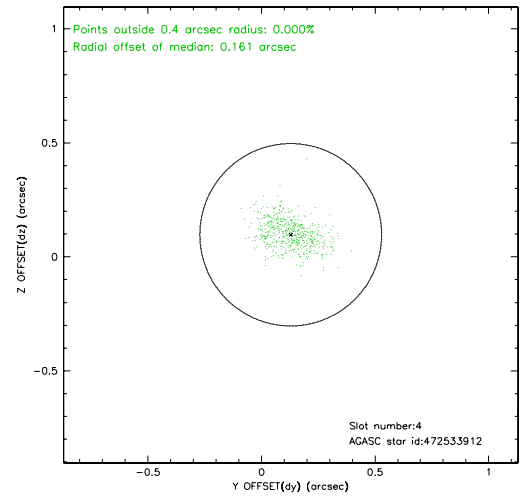
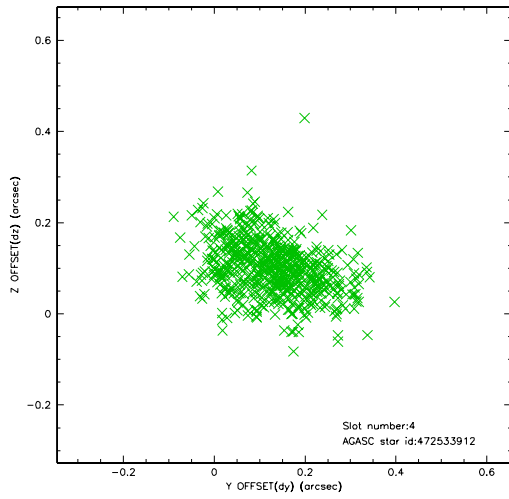
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.02	289	0.113	-0.161	0.007	0.011	0.000000	0.000000	-1161.09	-459.72
1	FID	HRC-S-2	7.02	289	0.187	-0.118	0.006	0.010	0.000000	0.000000	1234.64	-453.93
2	FID	HRC-S-3	7.03	289	0.090	-0.024	0.007	0.011	0.000000	0.000000	-1159.55	568.37
3	GUIDE	472523760	8.23	577	0.030	-0.106	0.080	0.132	331.645363	45.403260	-1418.29	-1342.87
4	GUIDE	472533912	9.17	577	0.129	0.097	0.111	0.186	331.791136	46.368695	-1566.28	2146.81
5	GUIDE	472665256	9.02	577	-0.035	0.044	0.089	0.148	332.808125	46.195041	1029.56	1922.33
6	GUIDE	472527720	6.99	577	-0.036	-0.084	0.058	0.107	331.460205	45.112509	-1730.29	-2442.86
7	GUIDE	472536328	8.14	576	-0.085	0.052	0.074	0.124	331.496671	46.454831	-2335.18	2345.78

## 2.4 Star Slots

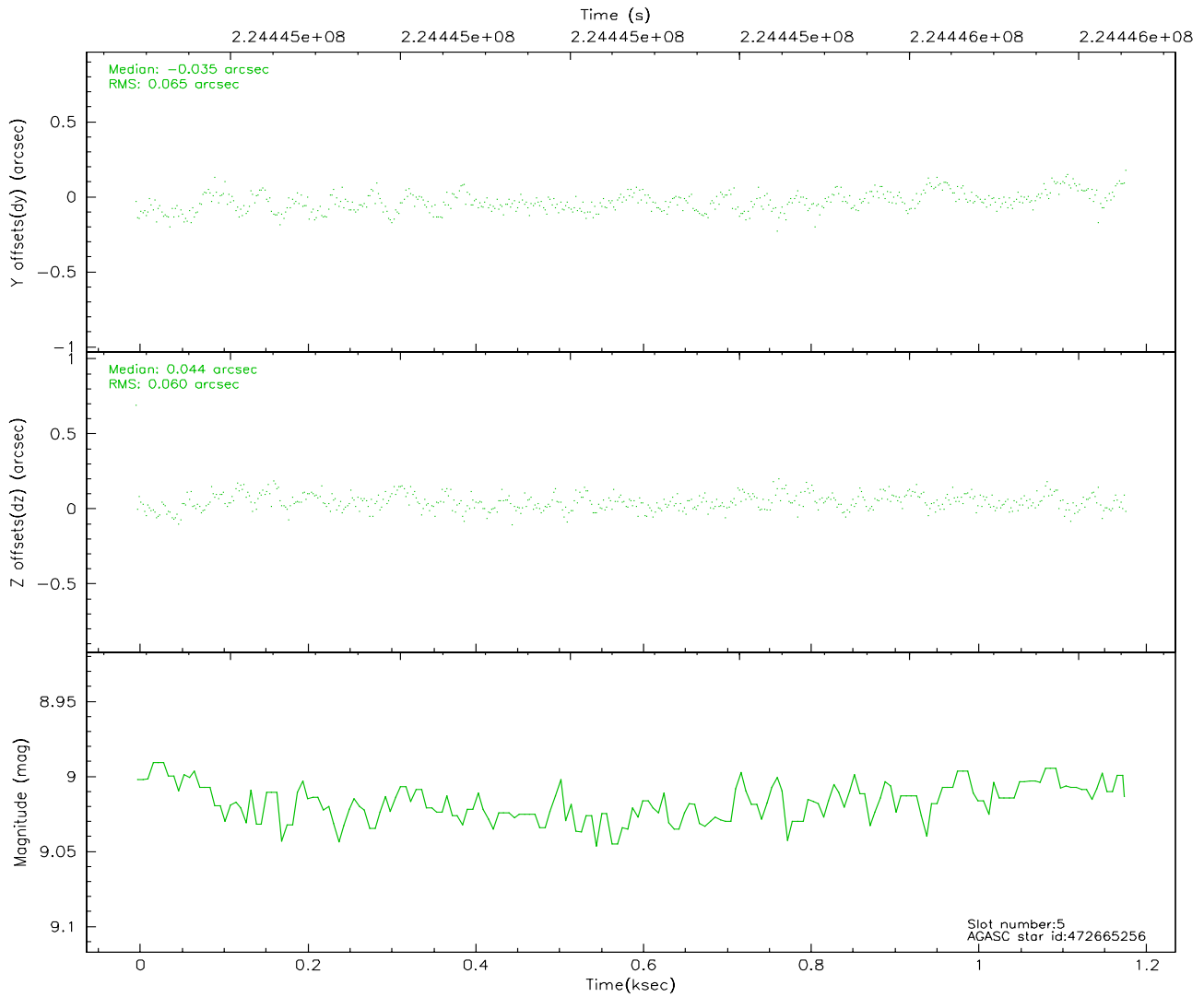
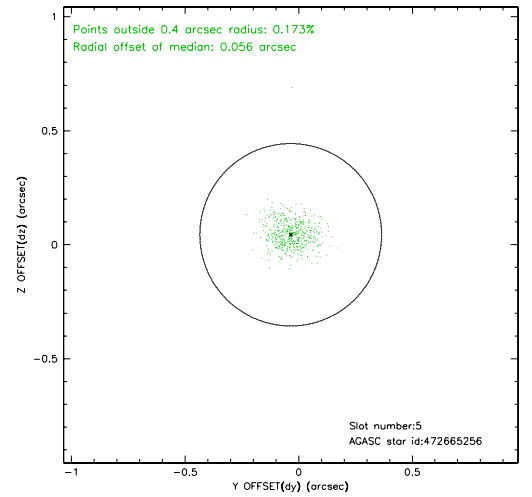
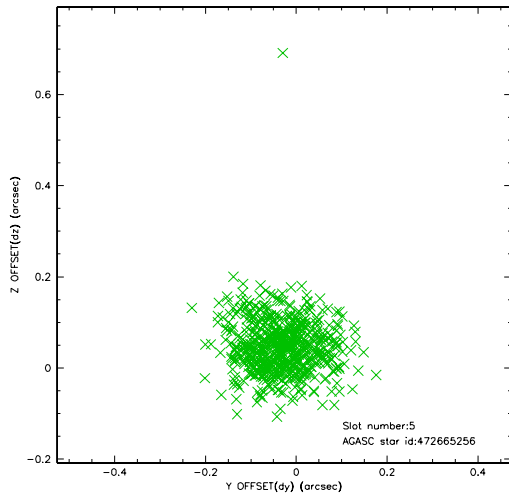
### 2.4.1 Slot 3



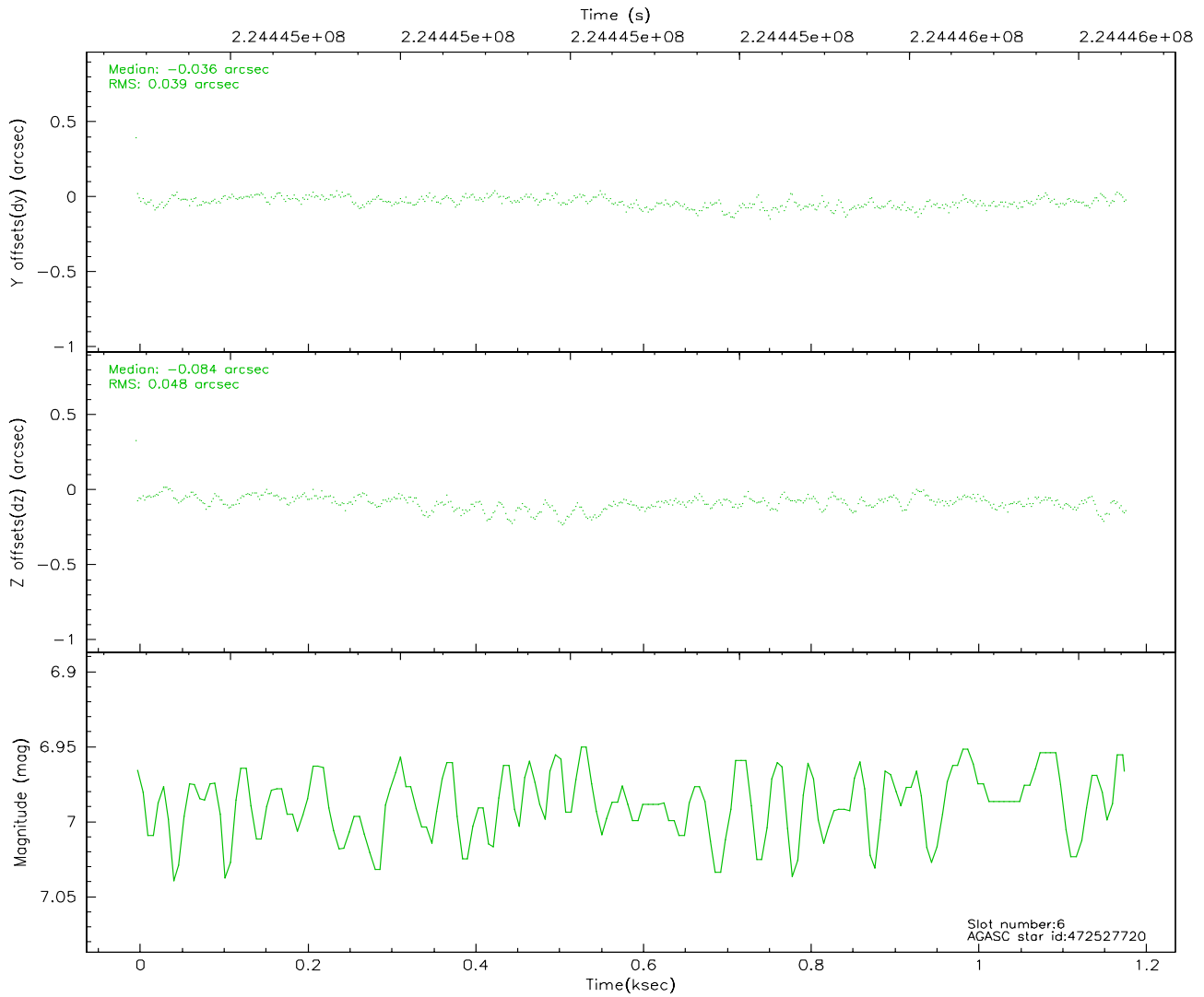
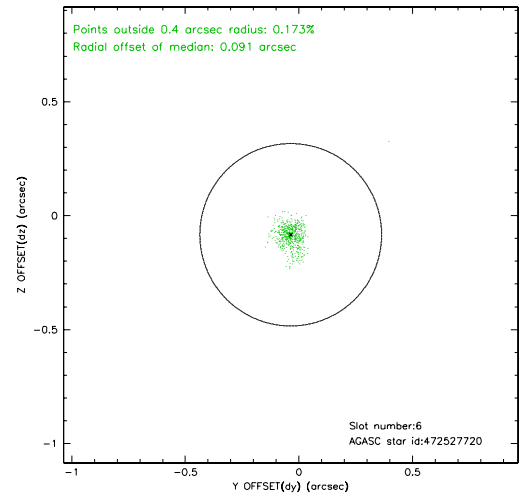
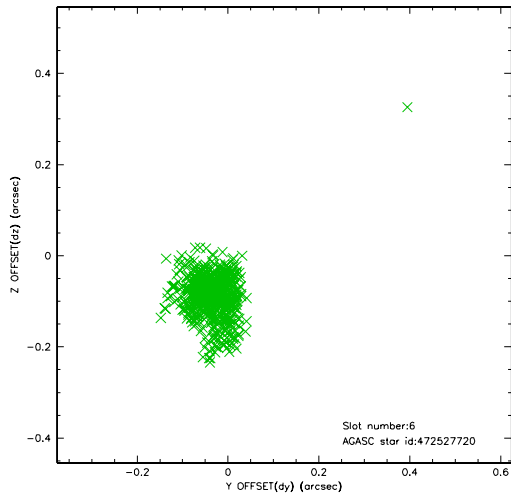
### 2.4.2 Slot 4



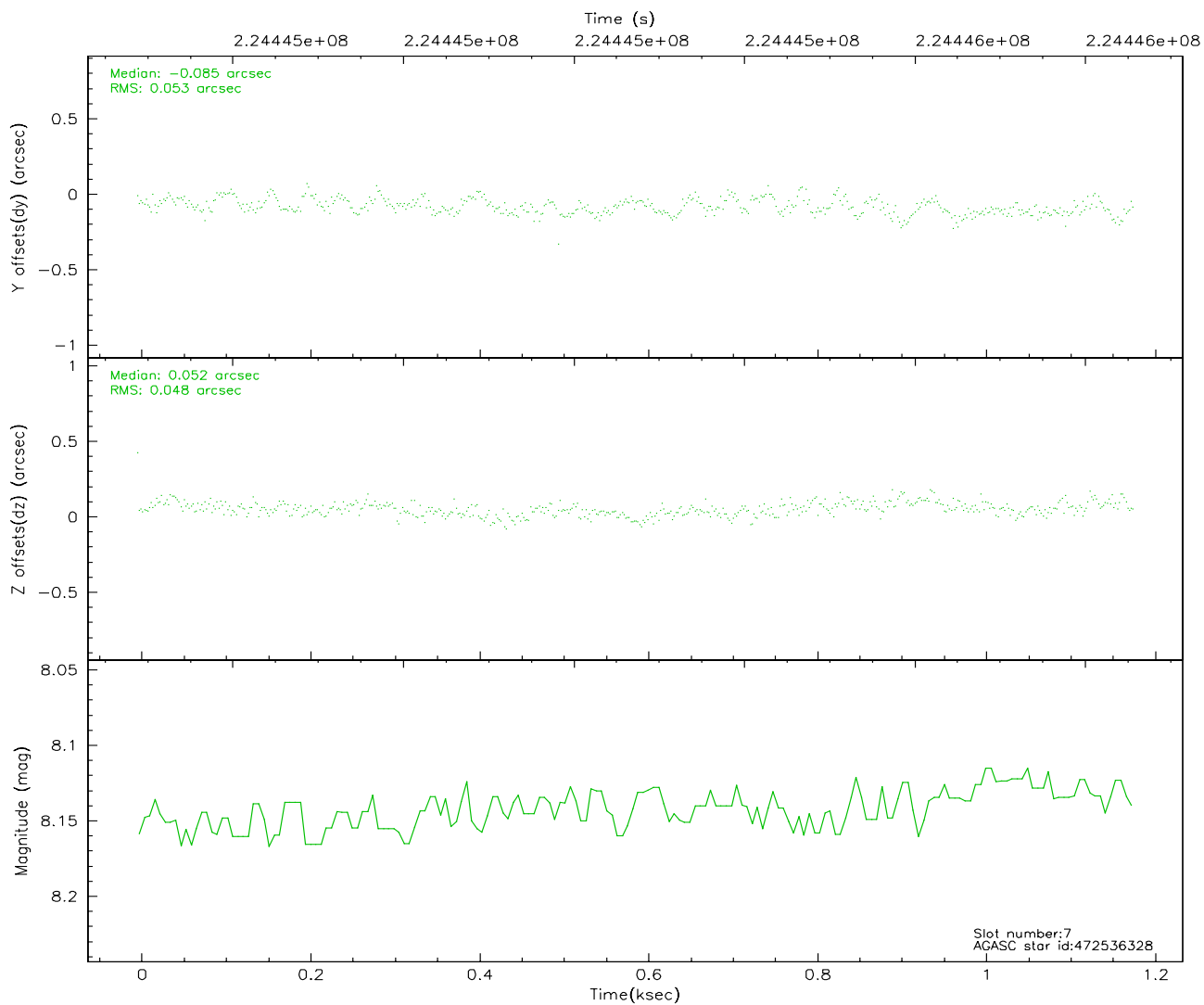
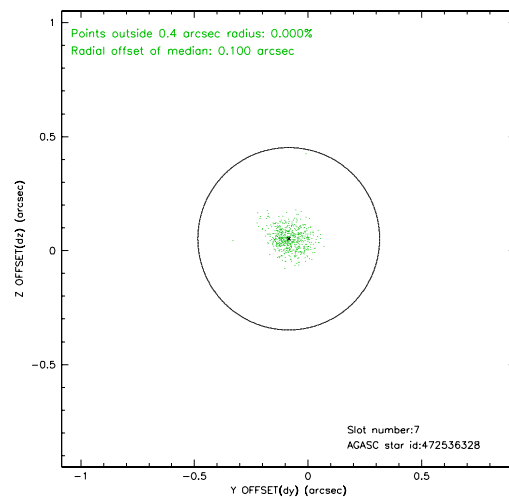
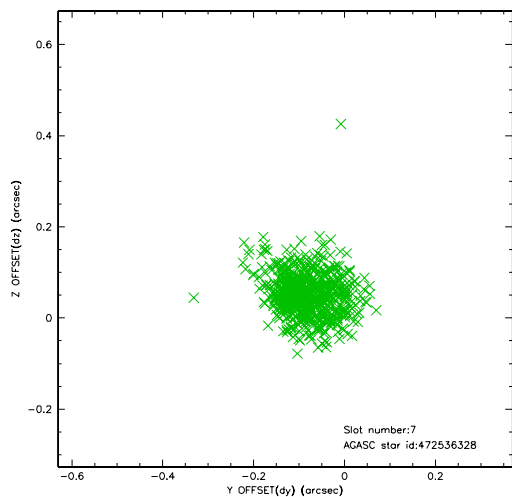
### 2.4.3 Slot 5



### 2.4.4 Slot 6

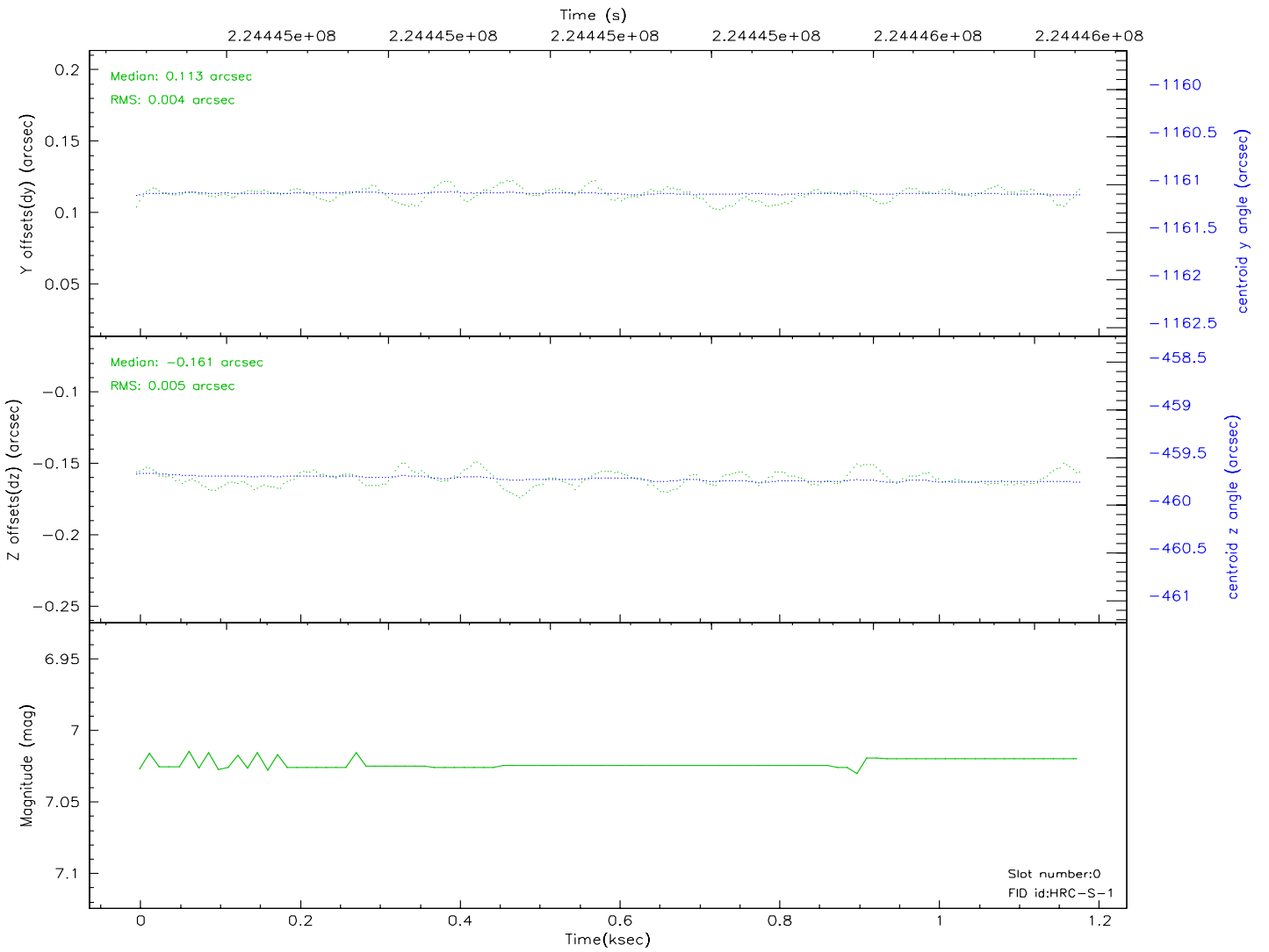
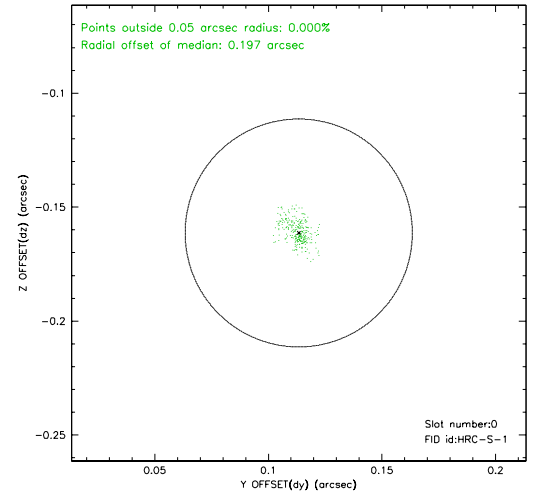
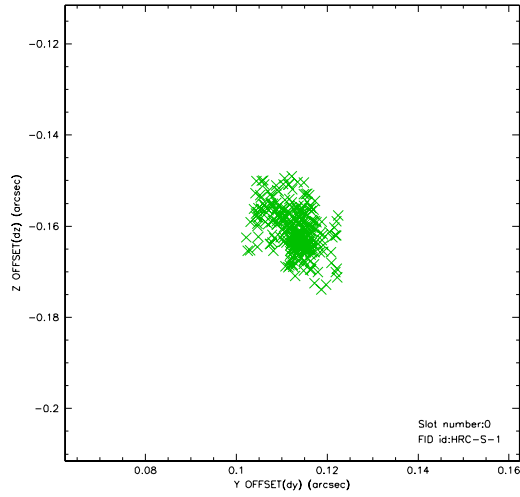


## 2.4.5 Slot 7

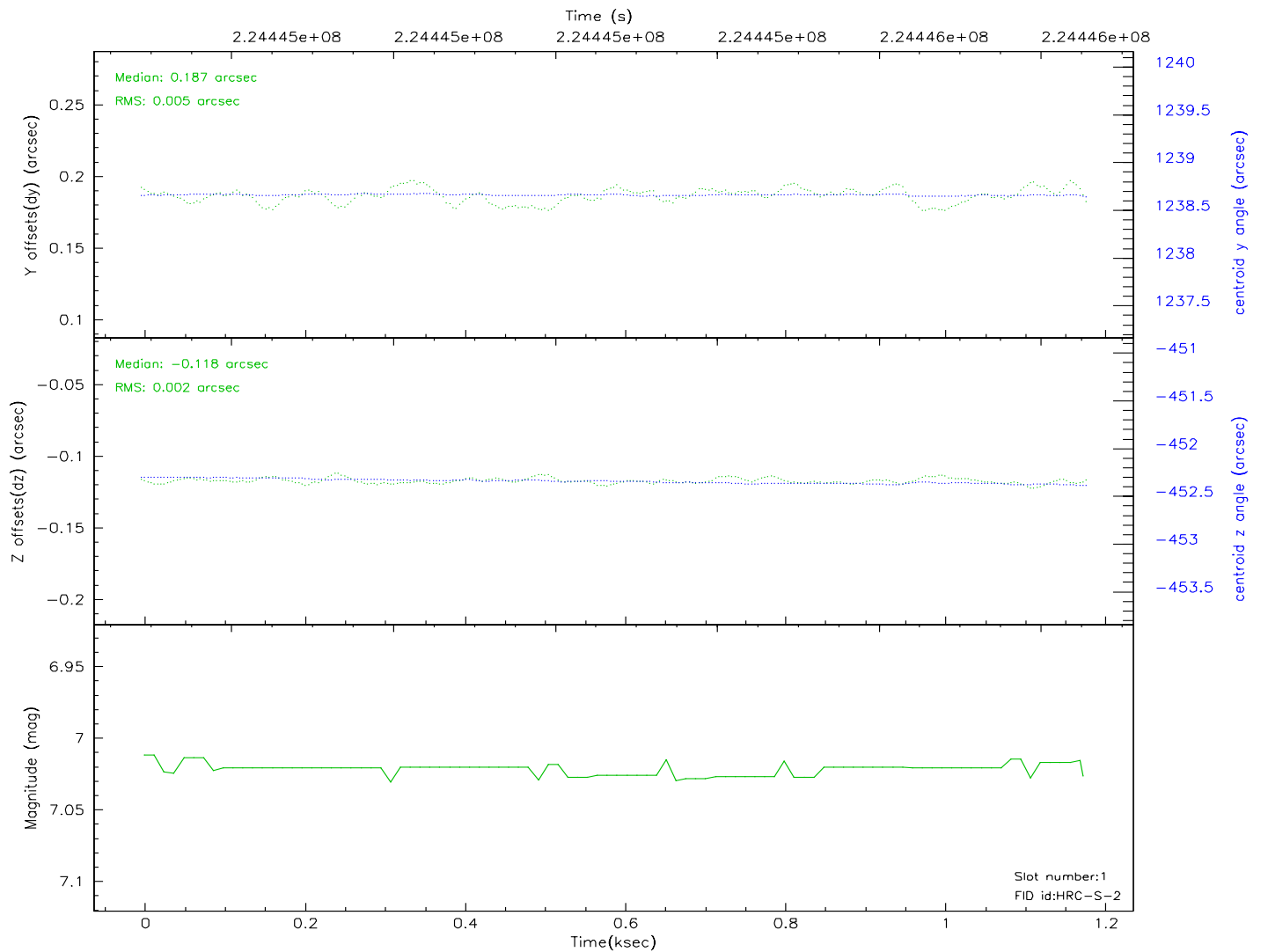
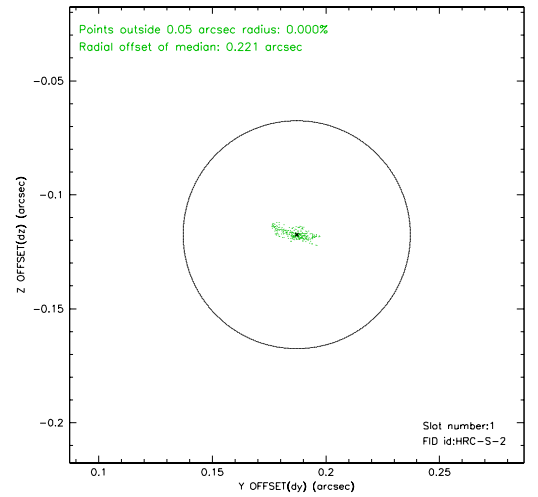
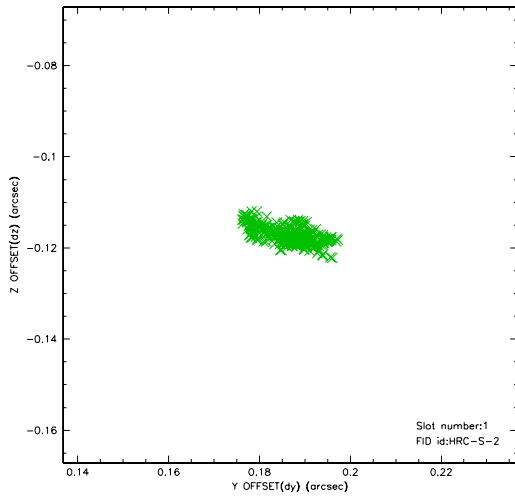


## 2.5 FID Slots

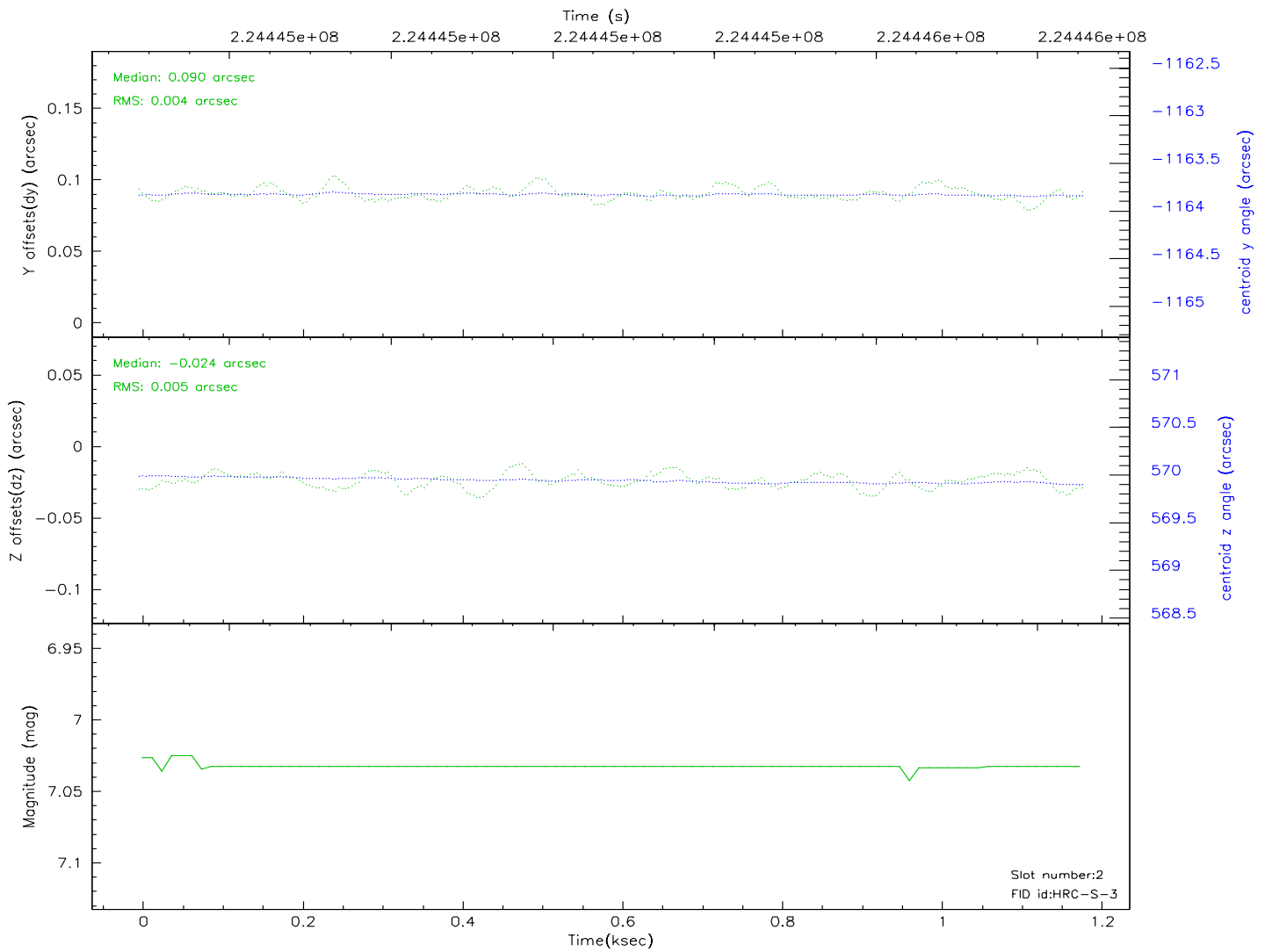
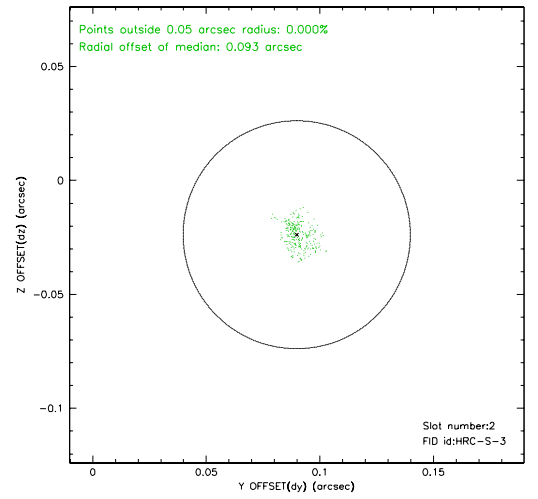
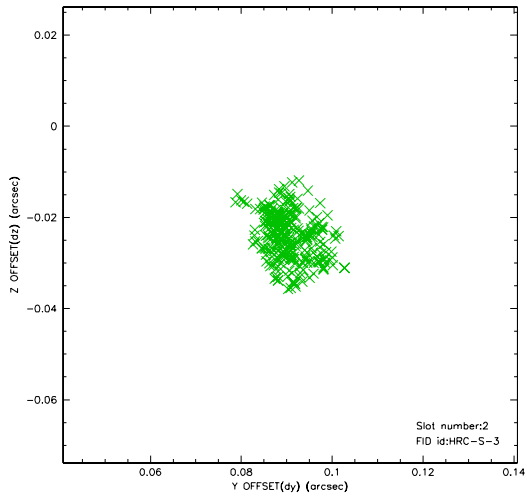
### 2.5.1 Slot 0



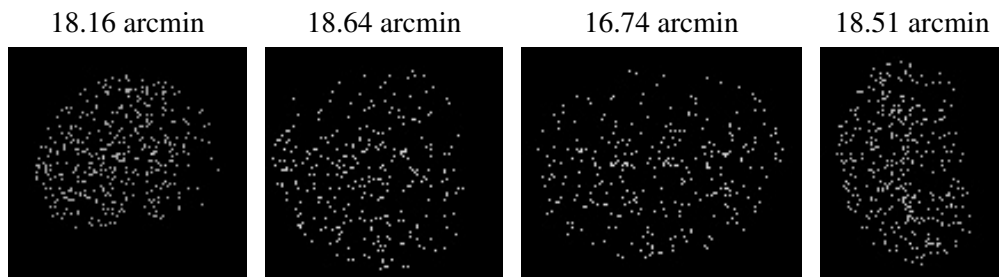
## 2.5.2 Slot 1



### 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	1.151331

## A.2 Comments