

# V&V Reference Report

## L2 ASCDS Version : 8.4.5

Observation 2693 - L2 Version 4  
Chandra X-Ray Center

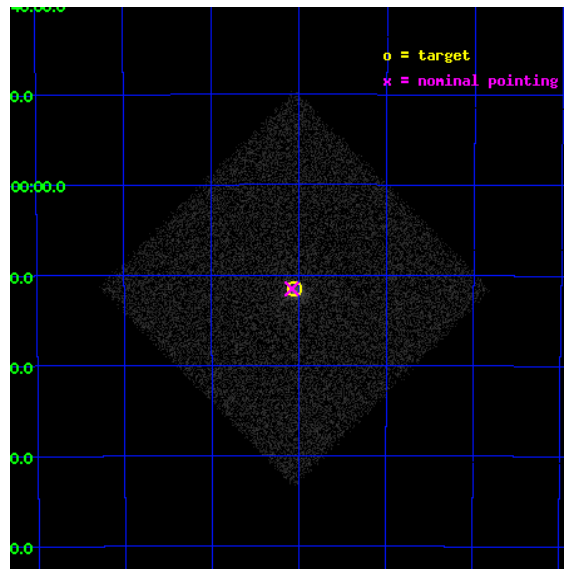
L2 Processing Date : Oct 8 2012

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# 1 Front

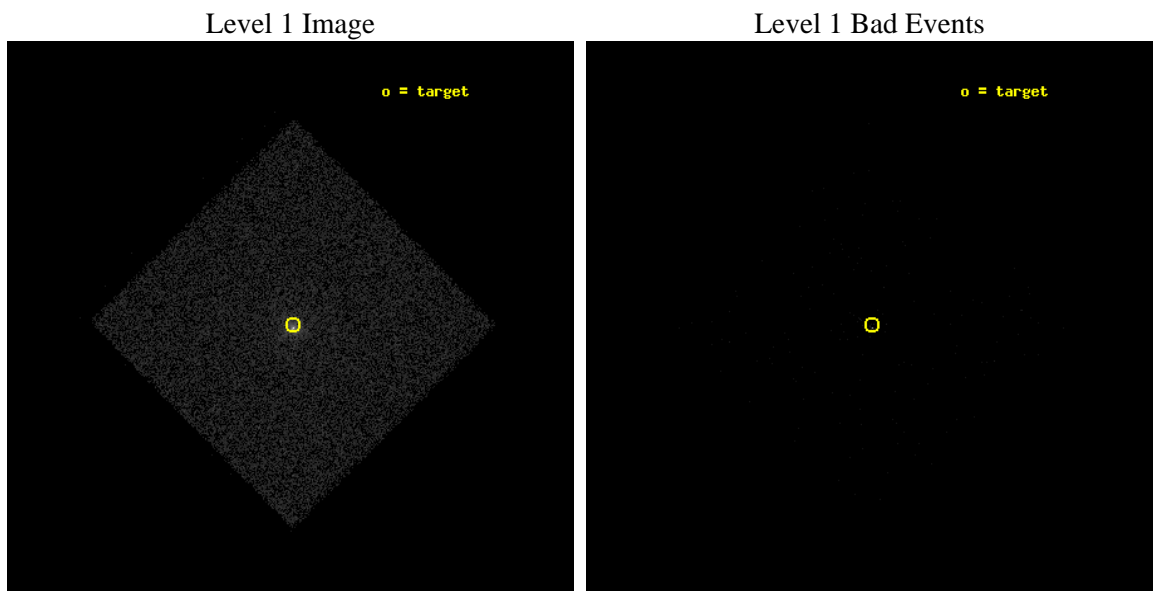
seq_num	400173	Sequence number
obs_id	2693	Observation id
title	LOCATING THE ELUSIVE COUNTERPART OF THE UNUSUAL X-RAY DIPPER X1624-490	Proposal title
observer	Dr. Stefanie Wachter	Principal investigator
object	X1624-490	Source name
ra_targ	247.01375	Observer's specified target RA [deg]
dec_targ	-49.19175	Observer's specified target Dec [deg]
ra_nom	247.020009044	Nominal RA [deg]
dec_nom	-49.192280524979	Nominal Dec [deg]
roll_nom	0.3246085415165	Nominal Roll [deg]
revision	4	Processing version of data
ontime	982.20629009604	[s]
livetime	976.33112770236	Ontime multiplied by DTCOR
l2events	35955	Number of level 2 events



## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



### 2.1.2 Parameters

obi_num	0	Obi number	sched_exp_time	1000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	982.20629009604	[s]
caldbver	4.5.2	&#160	l1events	54817	Number of level 1 events
date	2012-10-08T07:23:30	Date and time of file creation			
revision	4	Processing version of data			

### 2.1.3 Events

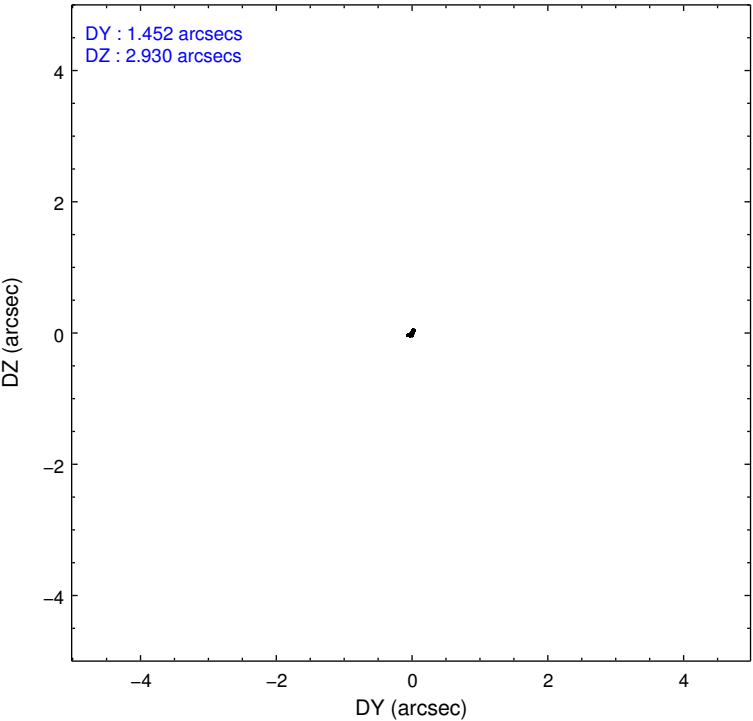
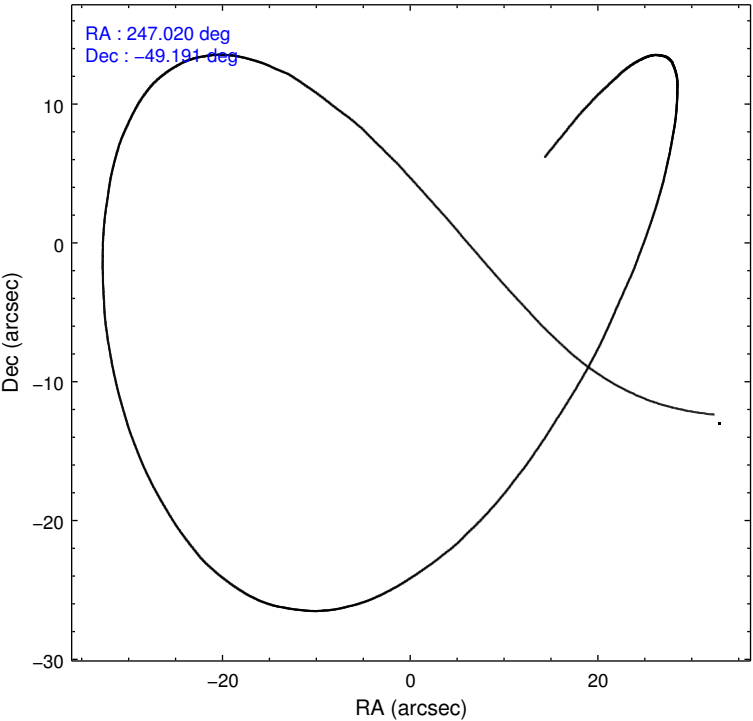
#### Level 1 Events

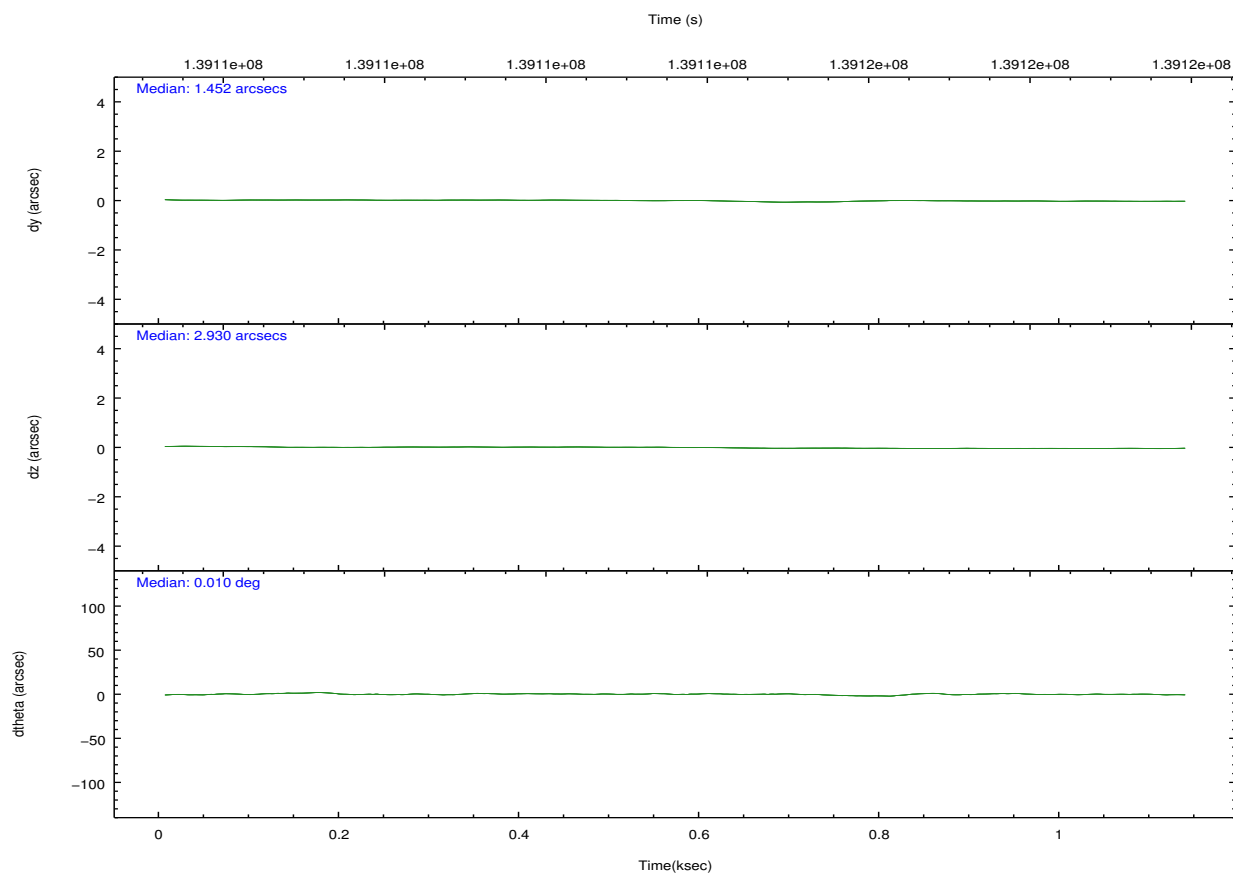
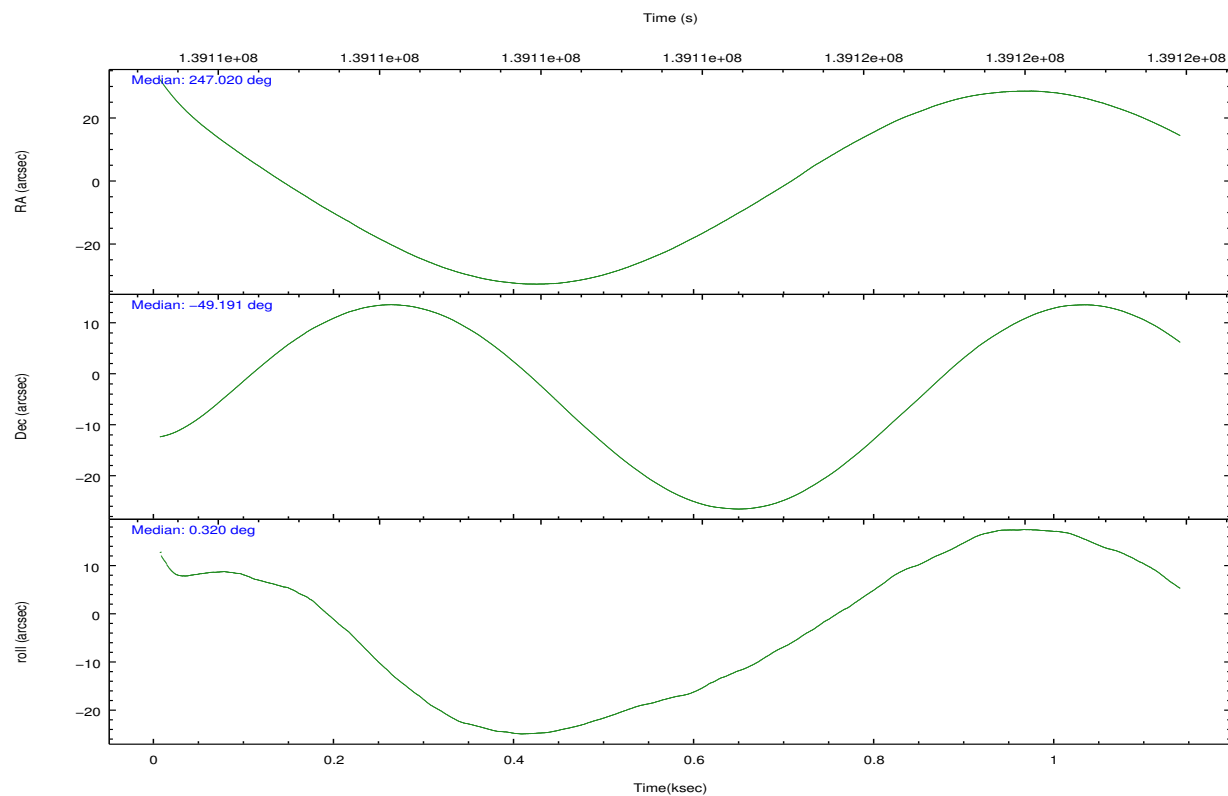
	<b>segment 0</b>
level 1 events	54817
rejected events	4304
rejected %	7%

## 2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	7	7
Detector	HRC-I	HRC-I	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
[deg] Pointing RA	246.984335	247.0200090439955			
[deg] Pointing Dec	-49.207553	-49.19228052497906			
[deg] Pointing Roll	0.393163	0.3246085415164958			
[mm] SIM focus pos	-1.040293	-1.038866356238299			
[mm] SIM defocus	0	0.001426264420575141			
[mm] SIM translation stage pos	126.985494	126.9804656746847			
[mm] SIM translation stage offset	0	0.005023216916882234			
[s] Observation start time (MET)	139114333.184000	139113313.04622			
Observation start date	2002-05-30T02:51:09	2002-05-30T02:35:13			
[s] Observation end time (MET)	139115333.184000	139115722.30882			
Observation end date	2002-05-30T03:07:49	2002-05-30T03:15:22			

2.3 Aspect



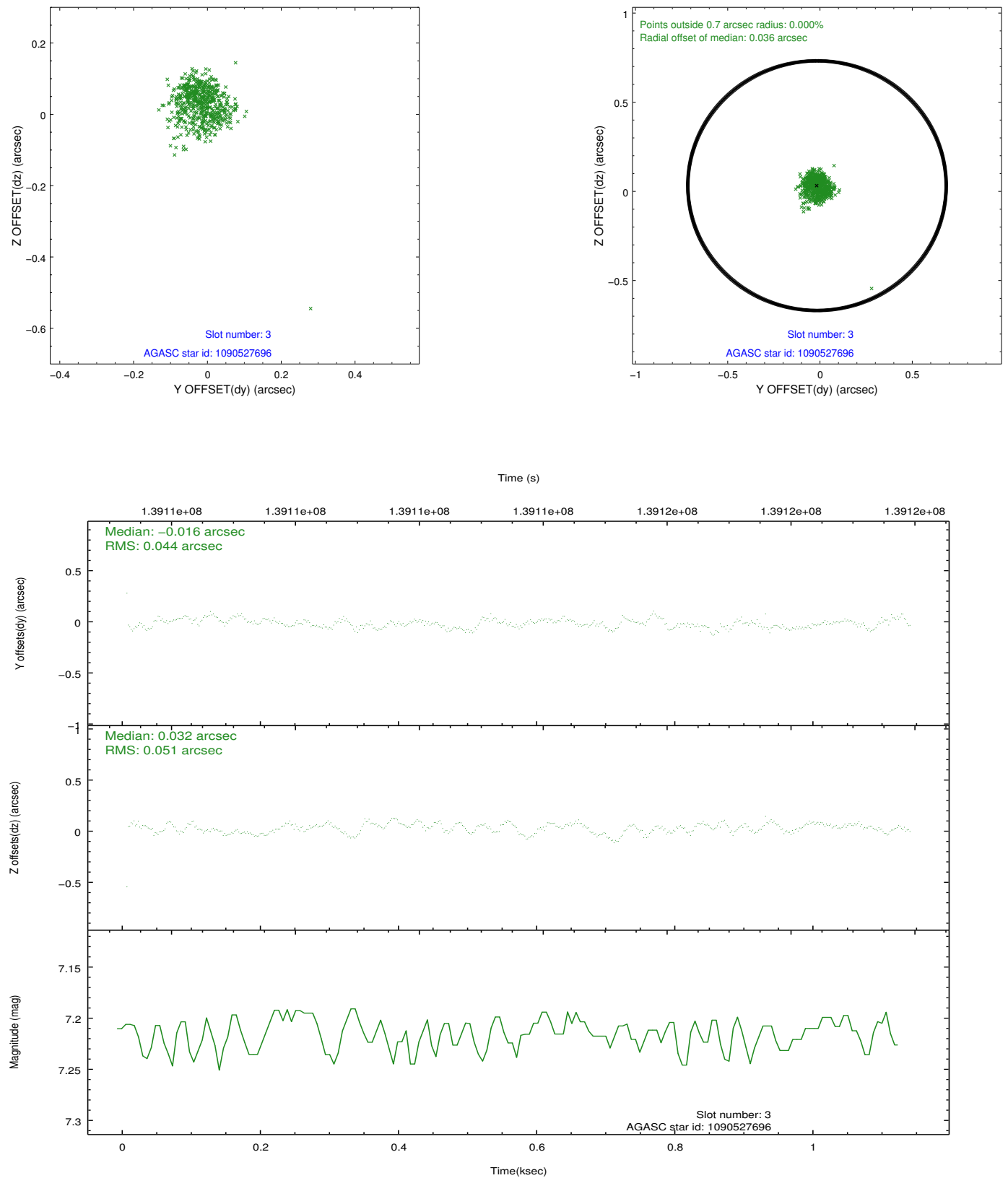


Slot Statistics

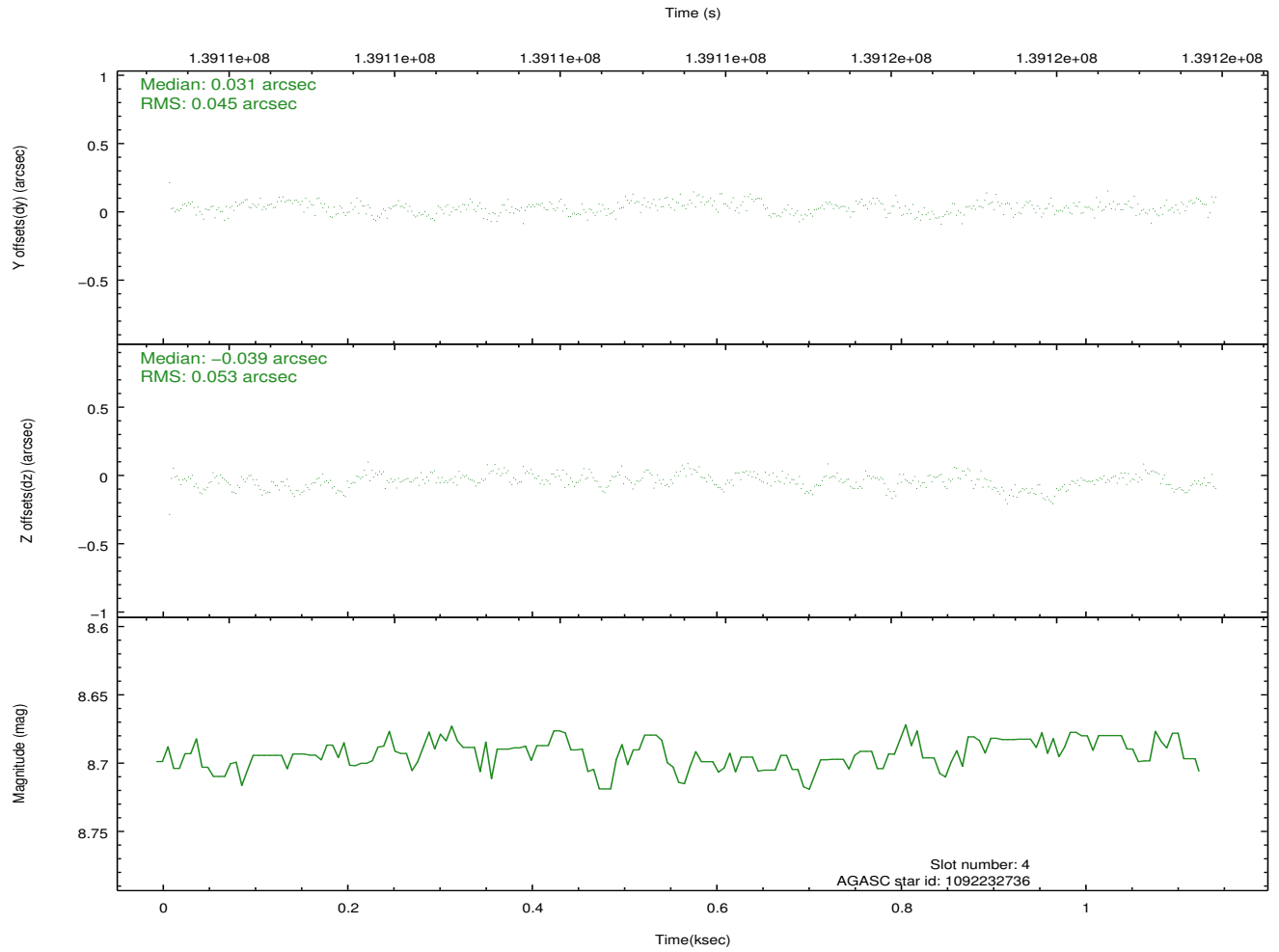
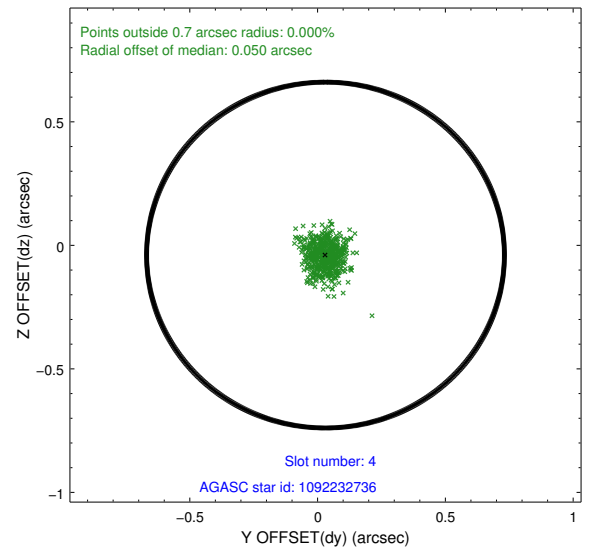
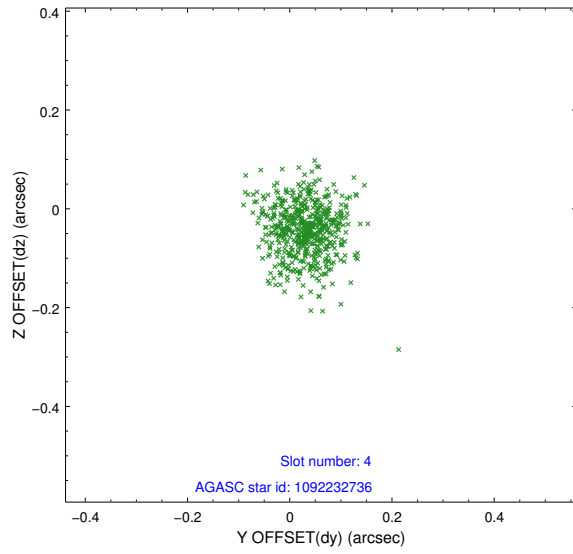
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.97	277	0.048	0.008	0.013	0.042	0.000000	0.000000	-756.87	-1290.57
1	FID	HRC-I-2	7.01	277	0.063	-0.074	0.009	0.018	0.000000	0.000000	853.05	-1296.92
2	FID	HRC-I-3	7.06	277	0.008	-0.023	0.010	0.029	0.000000	0.000000	-1182.26	1009.29
3	GUIDE	1090527696	7.21	554	-0.016	0.032	0.067	0.099	246.414931	-49.424565	-1339.34	-782.18
4	GUIDE	1092232736	8.69	554	0.031	-0.039	0.074	0.123	247.882340	-49.129503	2114.08	247.75
5	GUIDE	1090027336	8.54	554	-0.034	-0.094	0.090	0.155	246.243090	-48.601393	-1746.88	2180.86
6	GUIDE	1092232544	9.84	550	0.082	0.016	0.161	0.252	247.981672	-49.536798	2318.11	-1217.43
7	GUIDE	1090534328	9.43	549	-0.057	0.073	0.133	0.212	246.493470	-49.854293	-1151.66	-2331.40

## 2.4 Star Slots

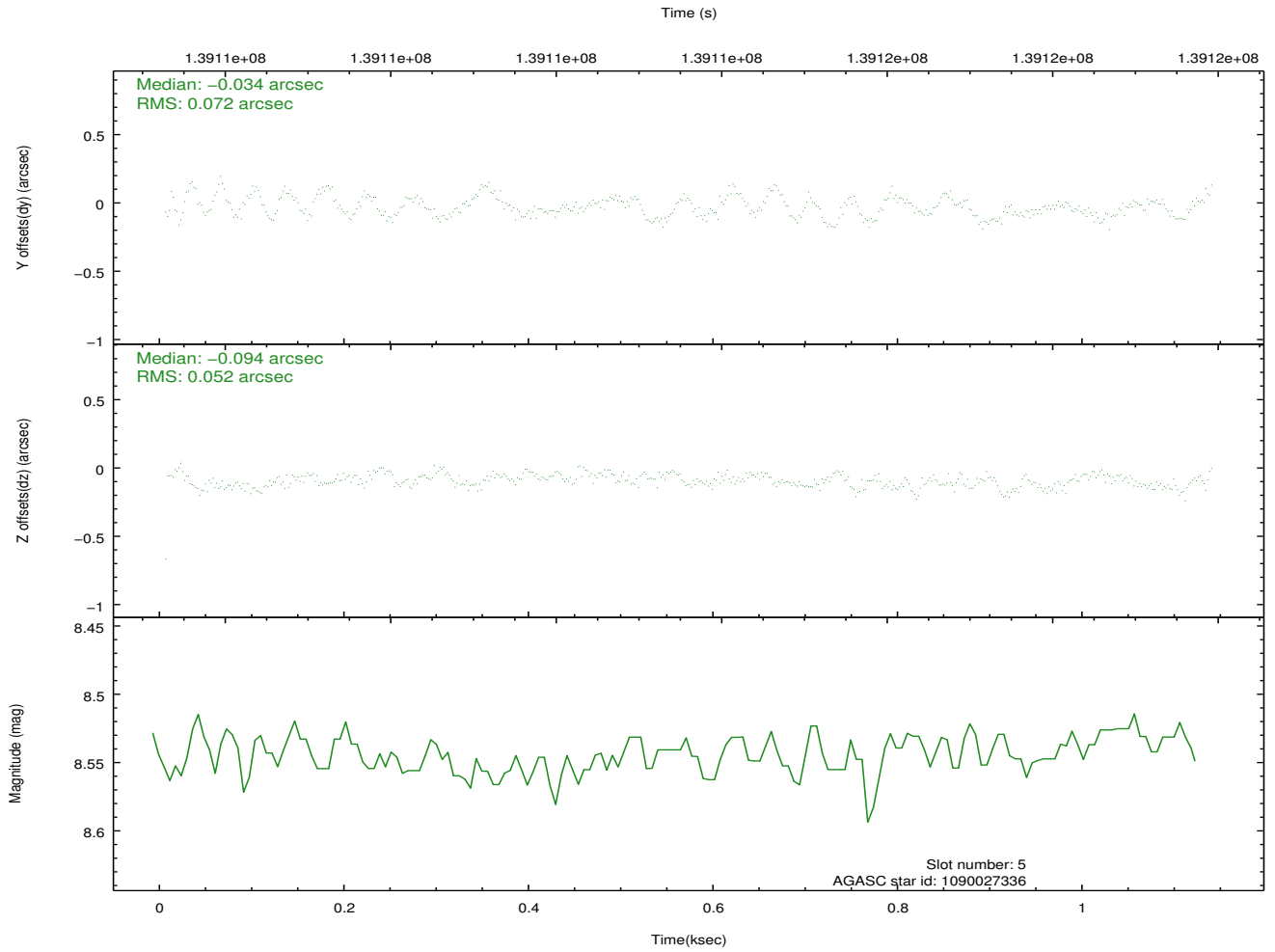
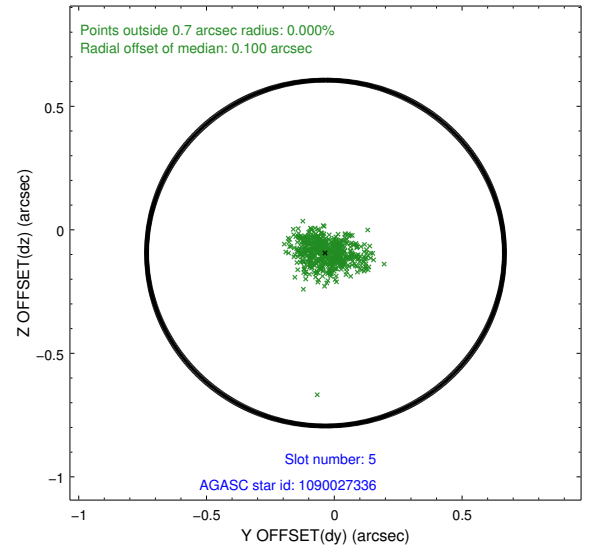
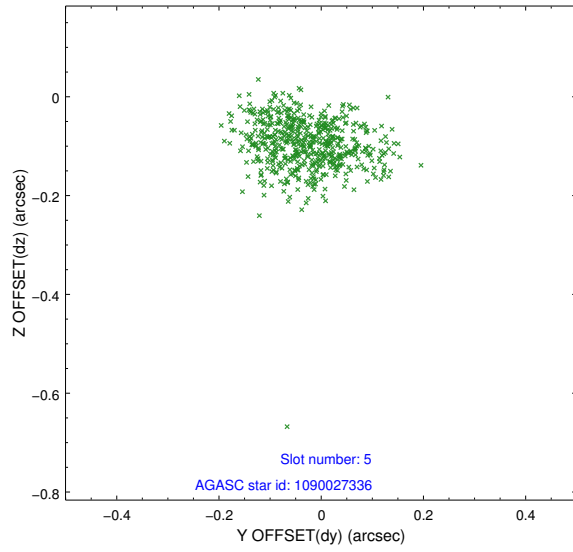
### 2.4.1 Slot 3



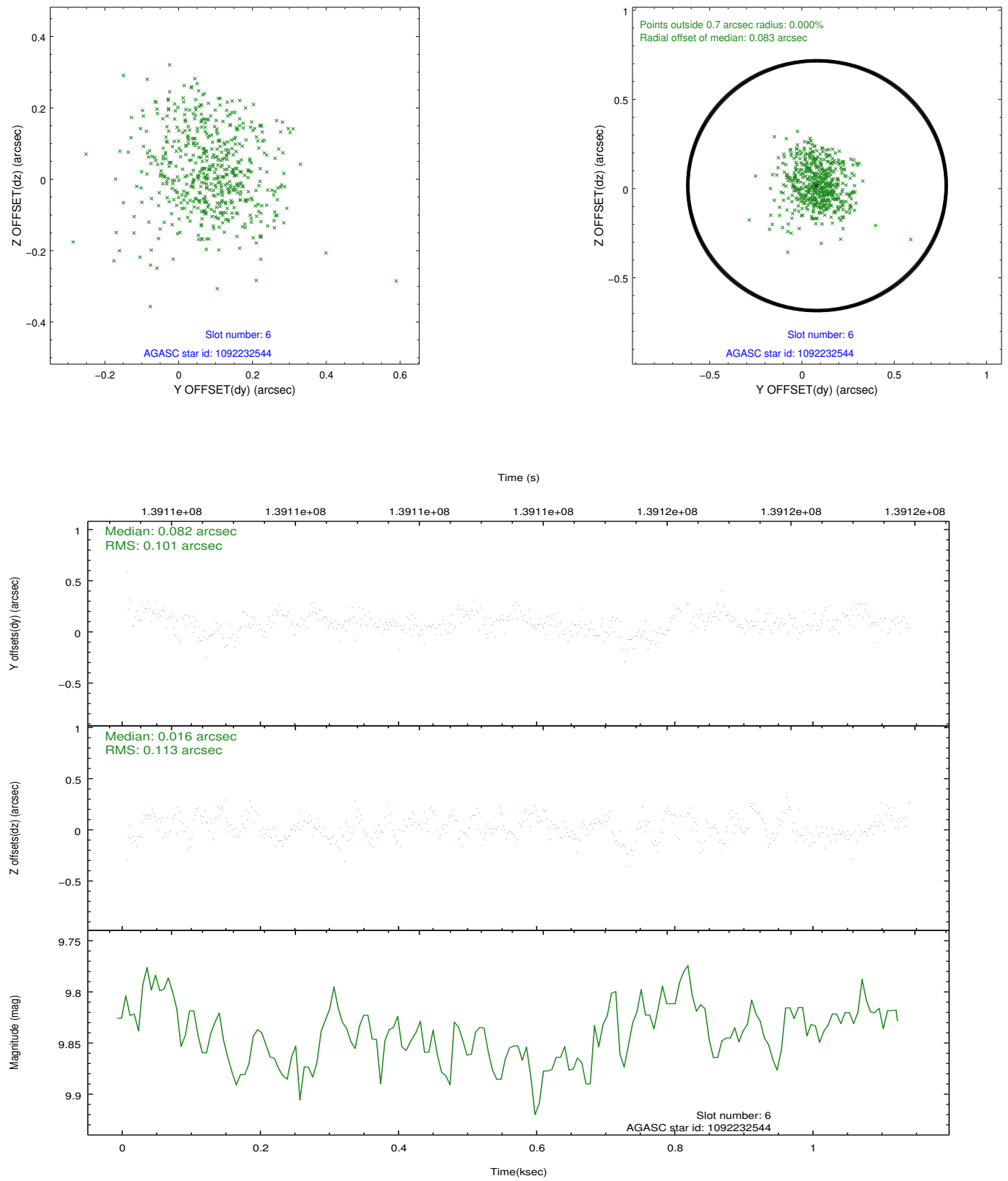
## 2.4.2 Slot 4



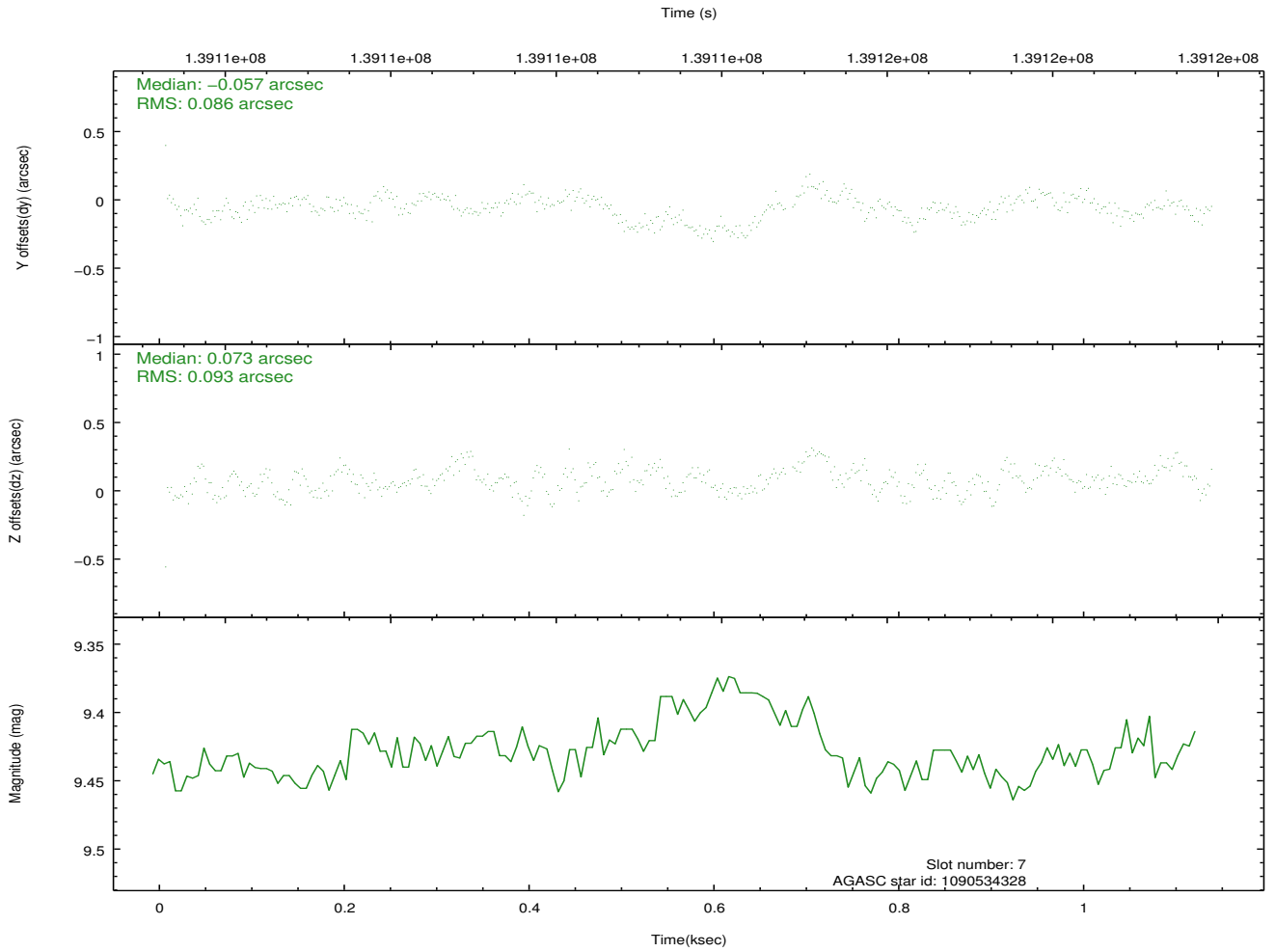
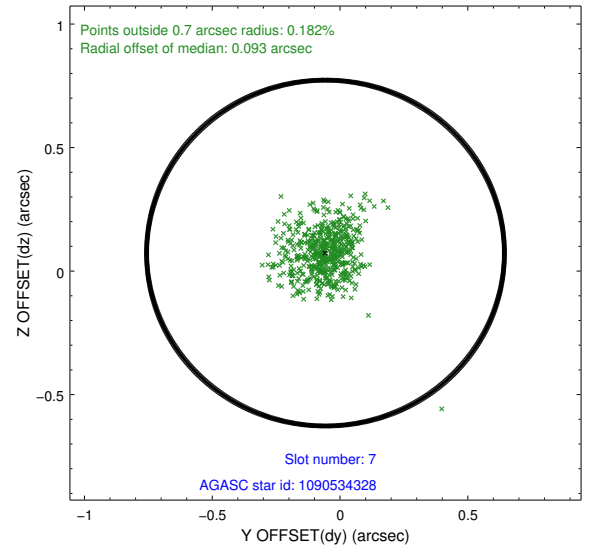
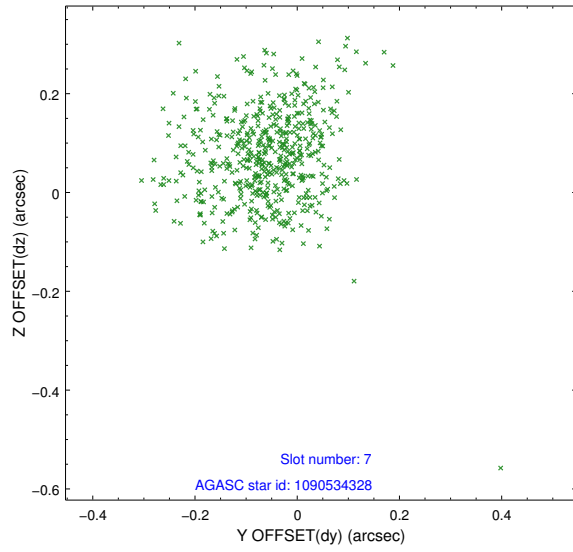
### 2.4.3 Slot 5



## 2.4.4 Slot 6

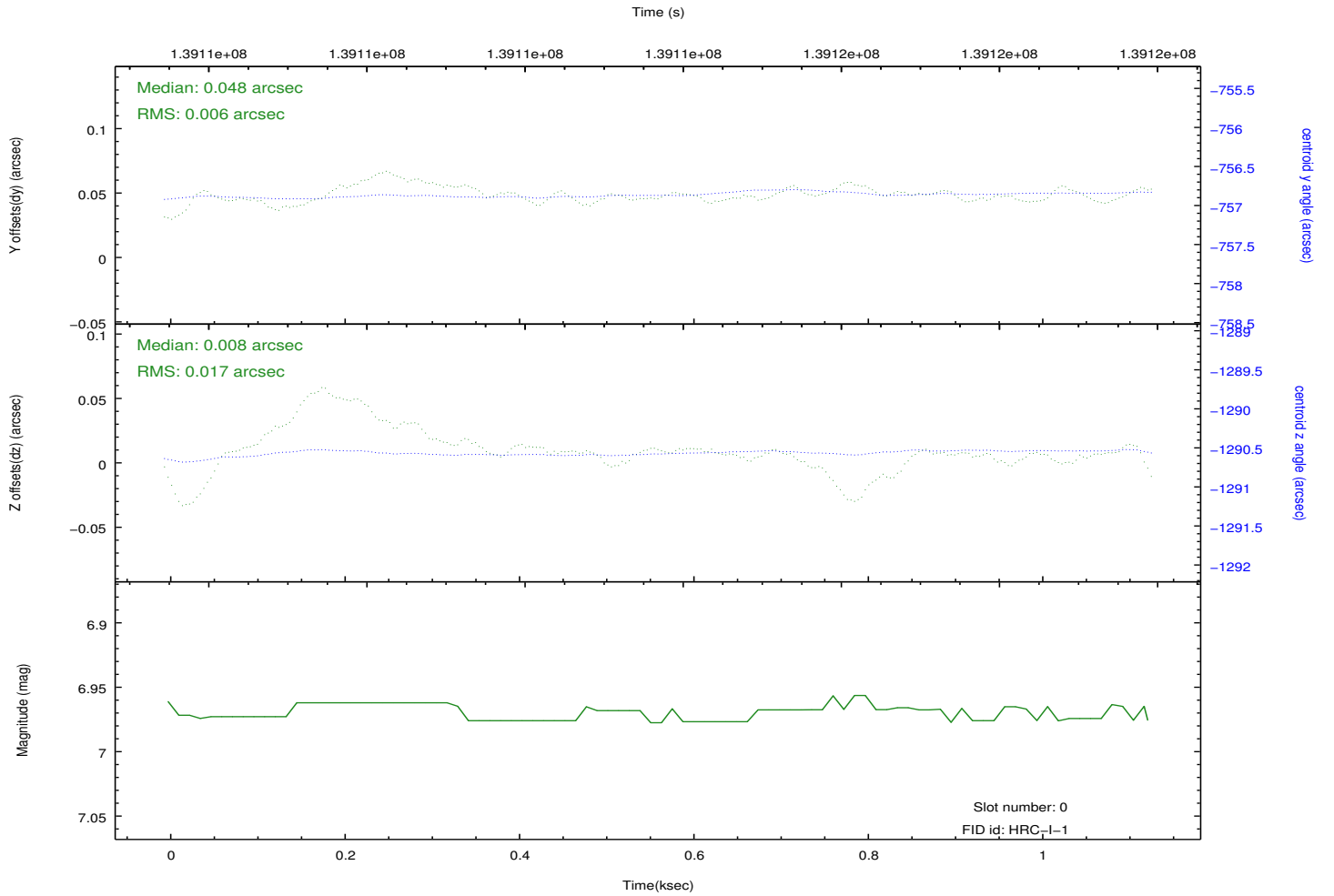
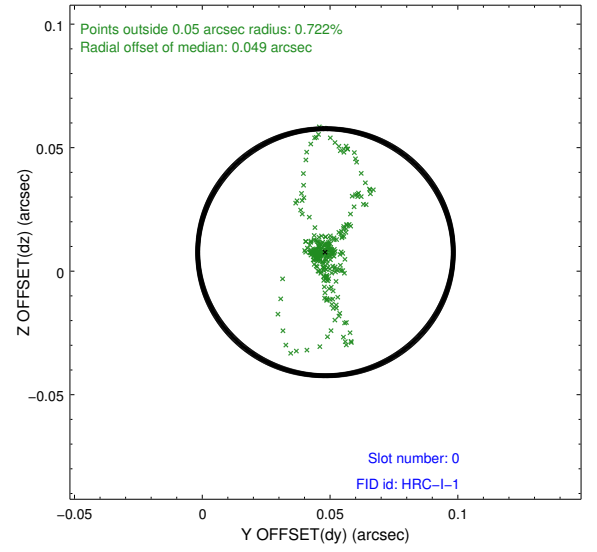
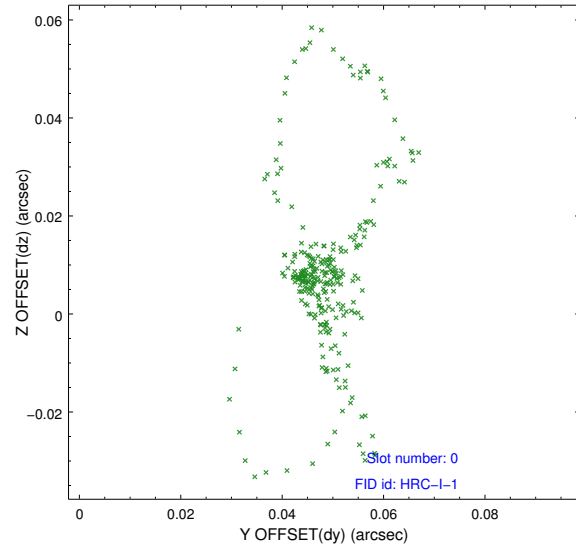


## 2.4.5 Slot 7

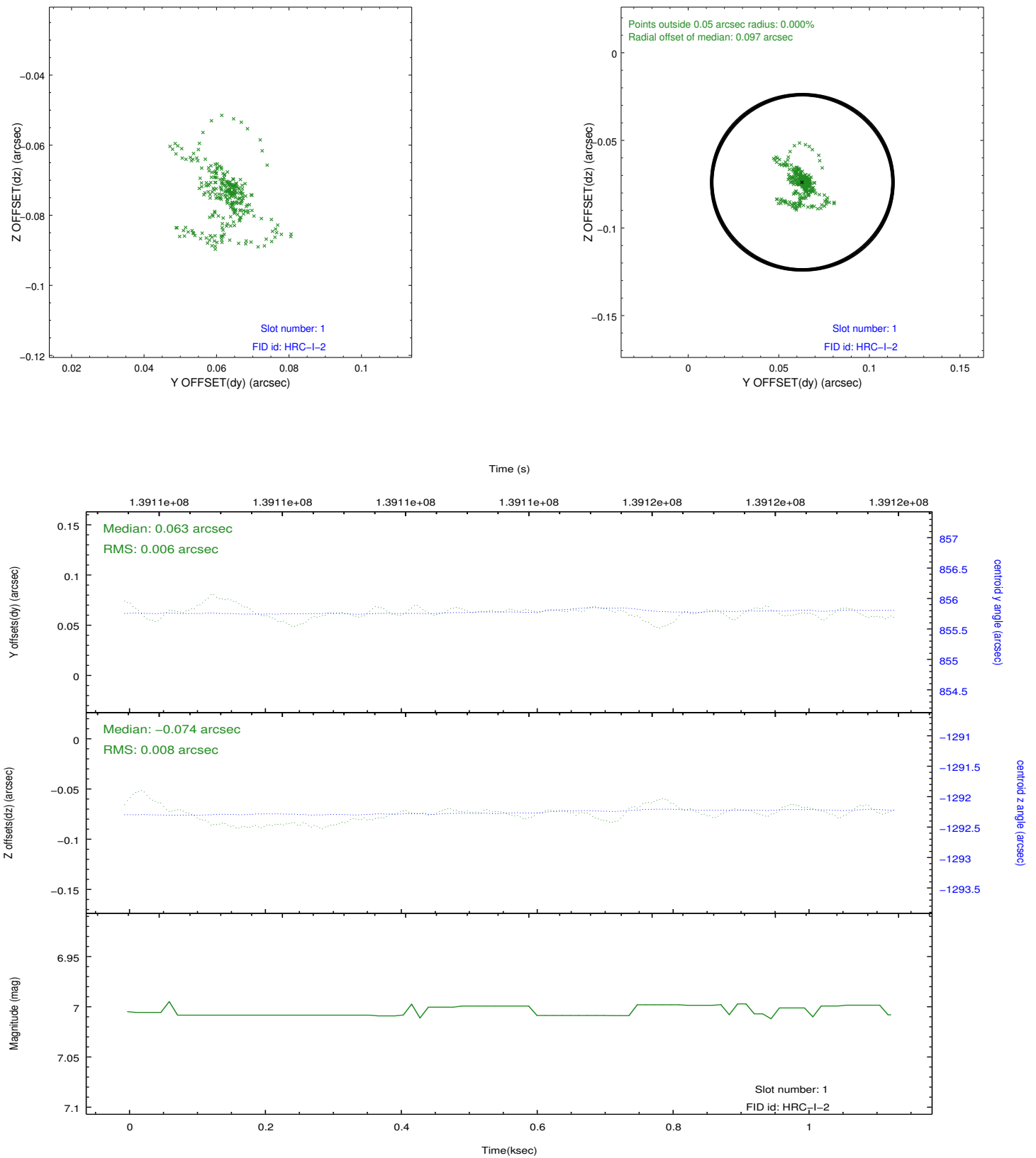


## 2.5 FID Slots

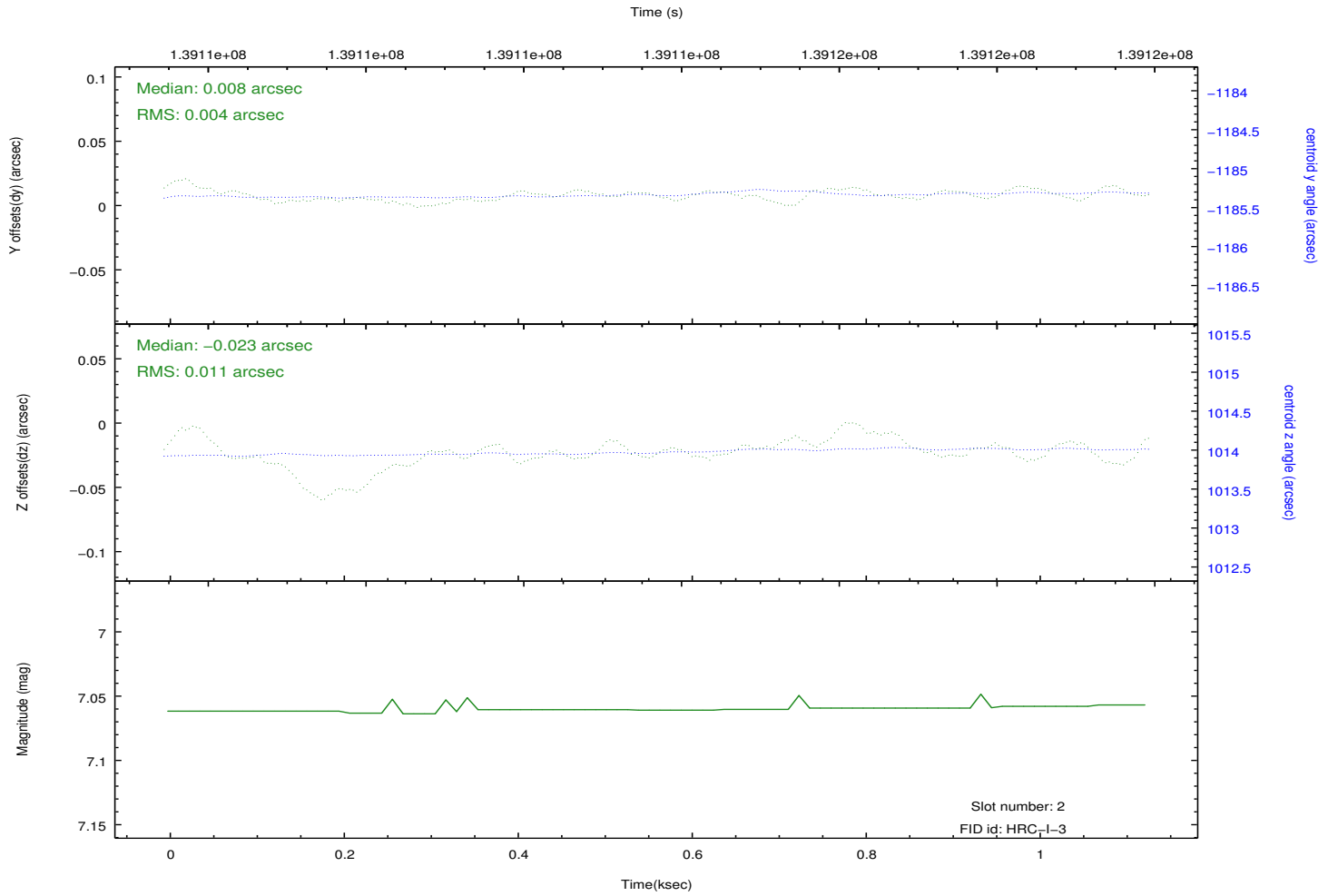
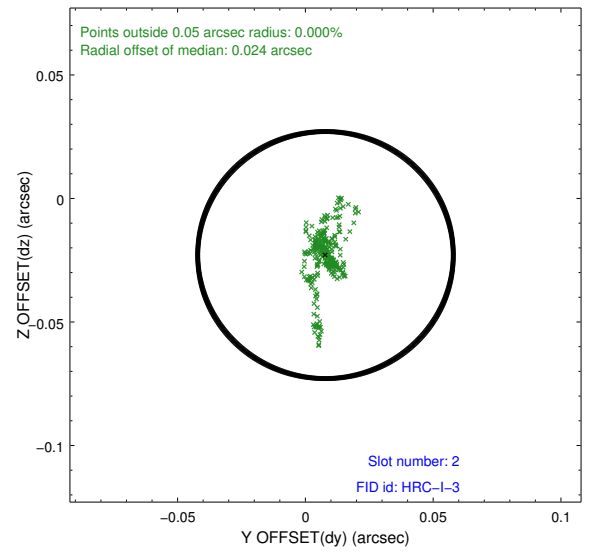
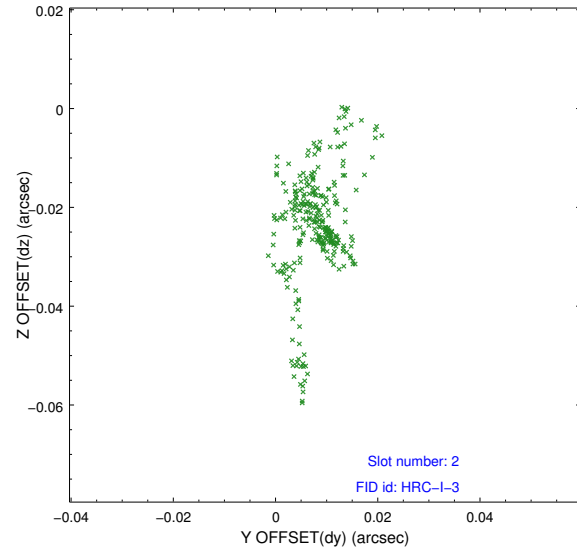
### 2.5.1 Slot 0



## 2.5.2 Slot 1



### 2.5.3 Slot 2



## A Summary

### A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.10.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	0.982

### A.2 Comments