

# V&V Reference Report

## L2 ASCDS Version : 10.4

Observation 14921 - L2 Version 3  
Chandra X-Ray Center

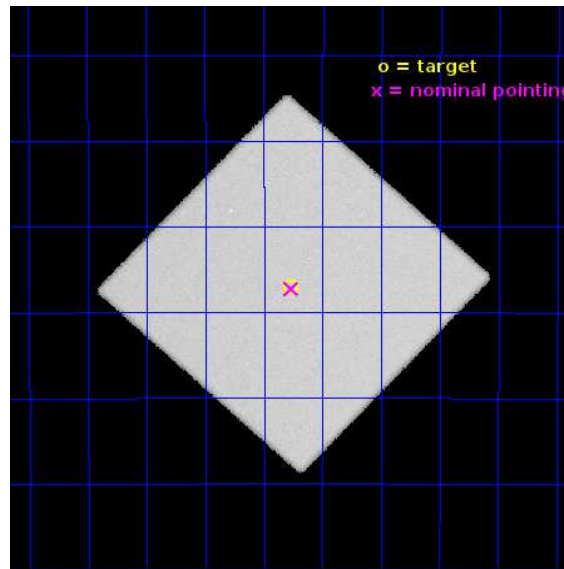
L2 Processing Date : Jun 10 2015

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# 1 Front

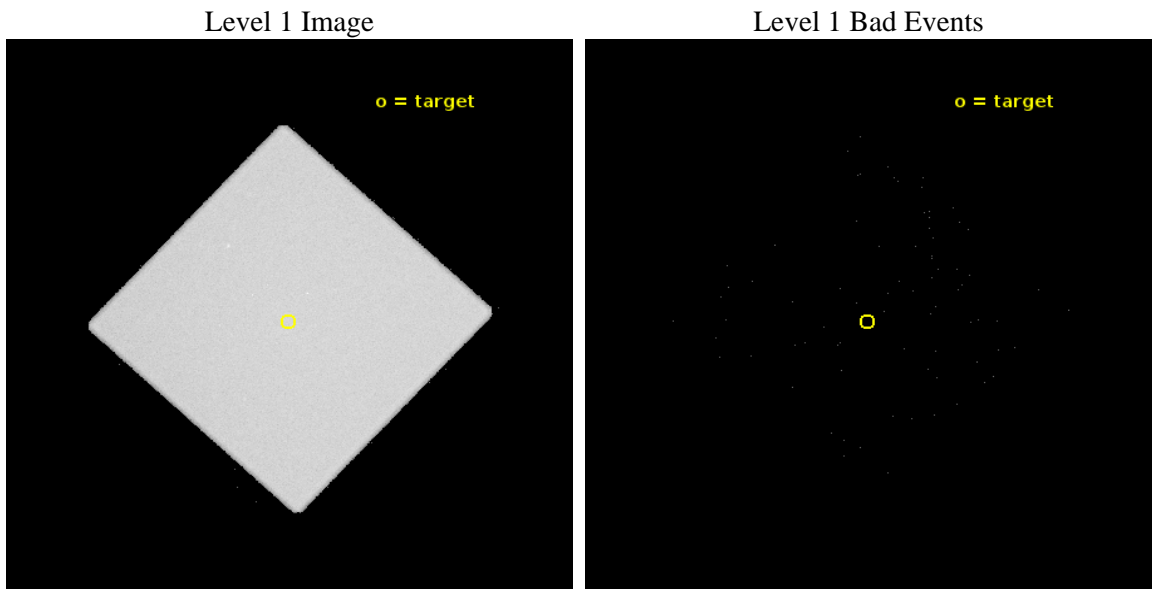
seq_num	601051	Sequence number
obs_id	14921	Observation id
title	Seeing through Baade's Window: Discovering X-Ray Sources that have Long-Term Optical Light Curves	Proposal title
observer	Dr. Rosanne Di Stefano	Principal investigator
object	Baade's Window HRC-6	Source name
ra_targ	270.818333	Observer's specified target RA [deg]
dec_targ	-28.61675	Observer's specified target Dec [deg]
ra_nom	270.81640978158	Nominal RA [deg]
dec_nom	-28.620670347078	Nominal Dec [deg]
roll_nom	267.96450128959	Nominal Roll [deg]
revision	3	Processing version of data
ontime	30187.532901824	[s]
livetime	29952.787640479	Ontime multiplied by DTCOR
l2events	1839825	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	30000.000000	[s] Scheduled observation exposure time
ascdsver	10.4	Processing system revision	ontime	30187.532901824	[s]
caldbver	4.6.7	&#160	l1events	2488748	Number of level 1 events
date	2015-06-10T14:49:29	Date and time of file creation			
revision	3	Processing version of data			

### 2.1.3 Events

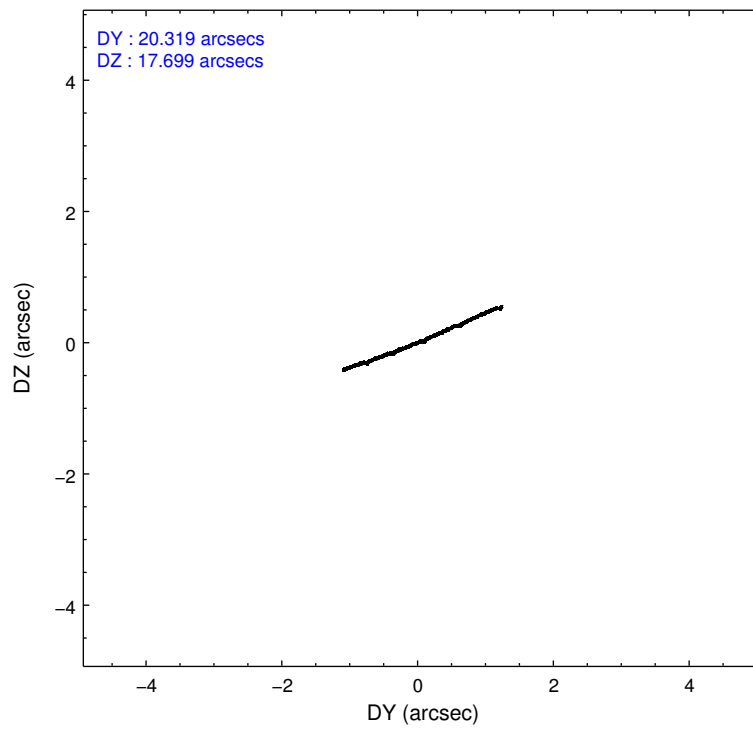
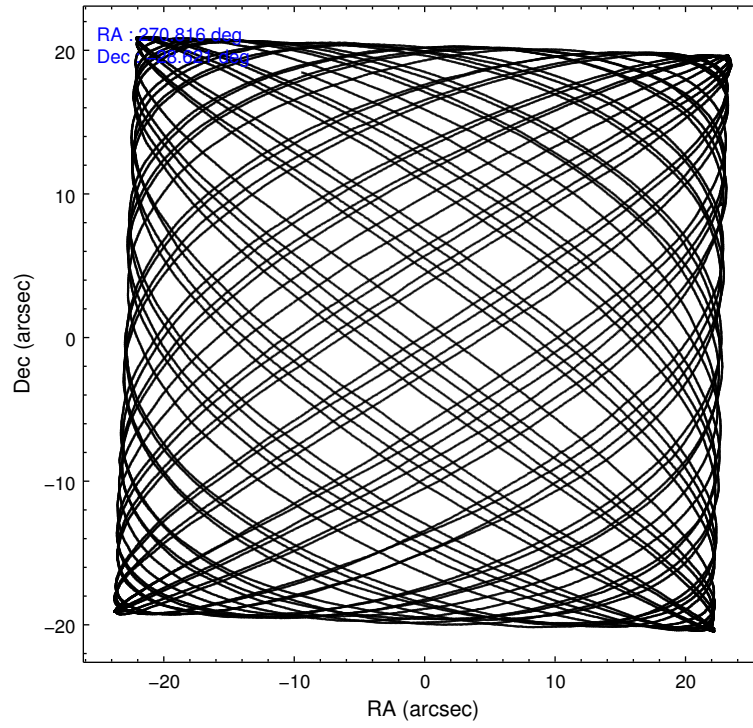
#### Level 1 Events

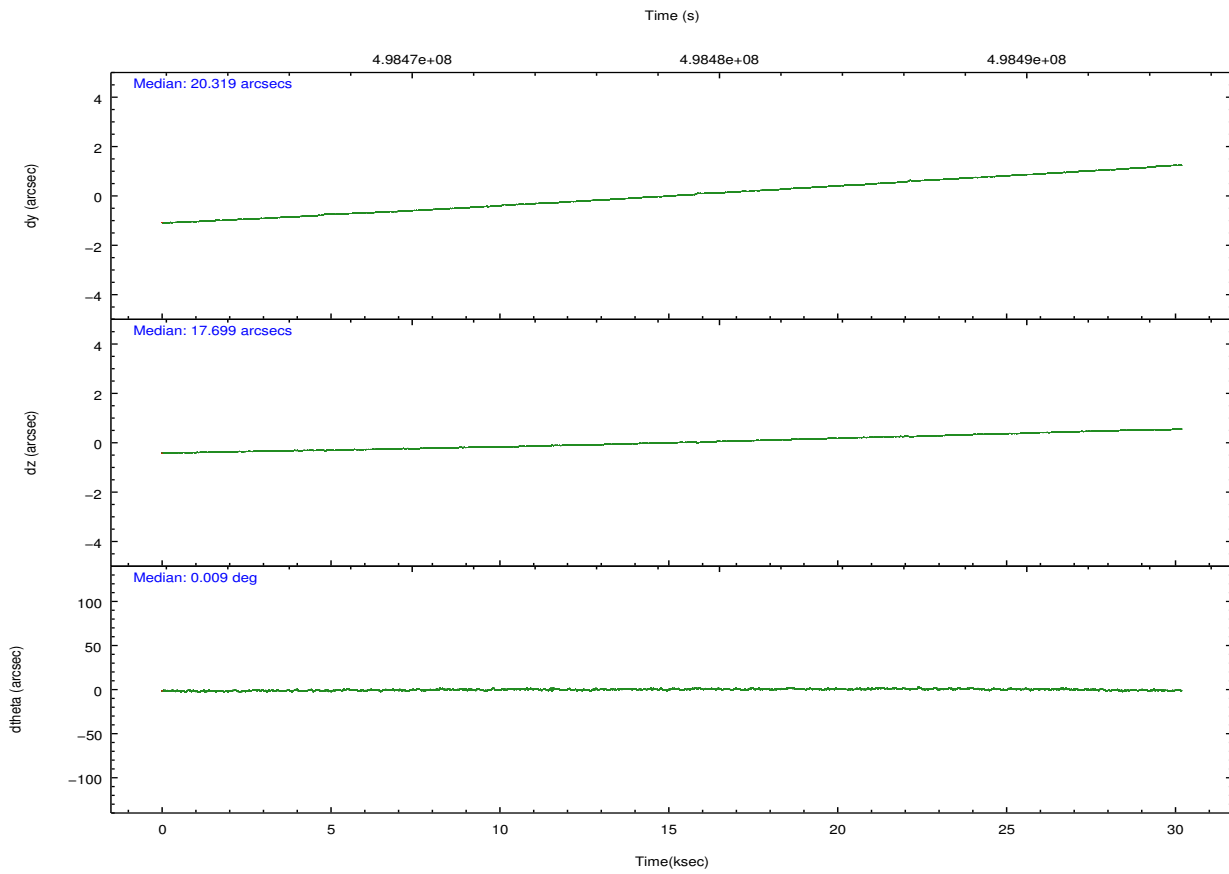
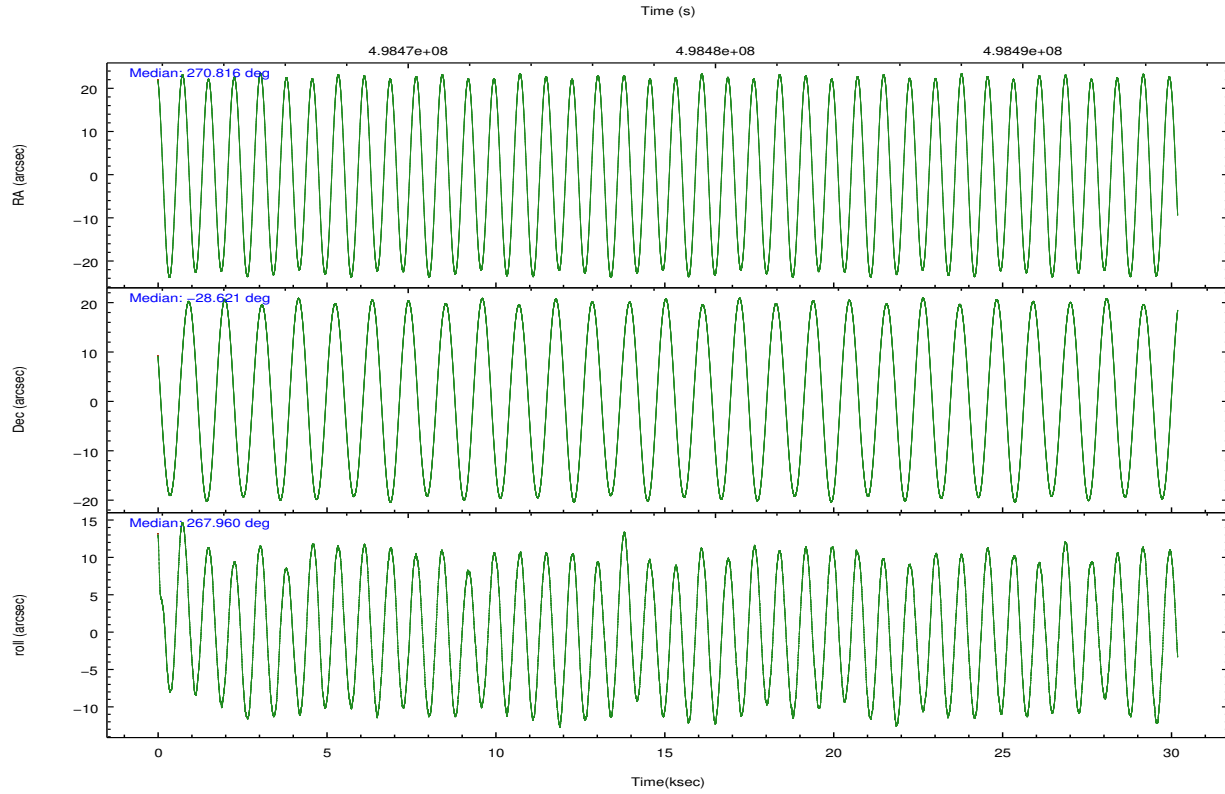
	<b>segment 0</b>
level 1 events	2488748
rejected events	18039
rejected %	0%

## 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	270.801249	270.8164097815823			
[deg] Pointing Dec	-28.596892	-28.62067034707798			
[deg] Pointing Roll	268.052737	267.9645012895862			
[mm] SIM focus pos	-1.040293	-1.038866356238299			
[mm] SIM defocus	0	0.001426264420575141			
[mm] SIM translation stage pos	126.985494	126.9829799899862			
[mm] SIM translation stage offset	0	0.002508901615314585			
[s] Observation start time (MET)	498463542.184000	498463166.26495			
Observation start date	2013-10-18T06:04:35	2013-10-18T05:59:26			
[s] Observation end time (MET)	498493542.184000	498493770.71663			
Observation end date	2013-10-18T14:24:35	2013-10-18T14:29:30			

## 2.3 Aspect





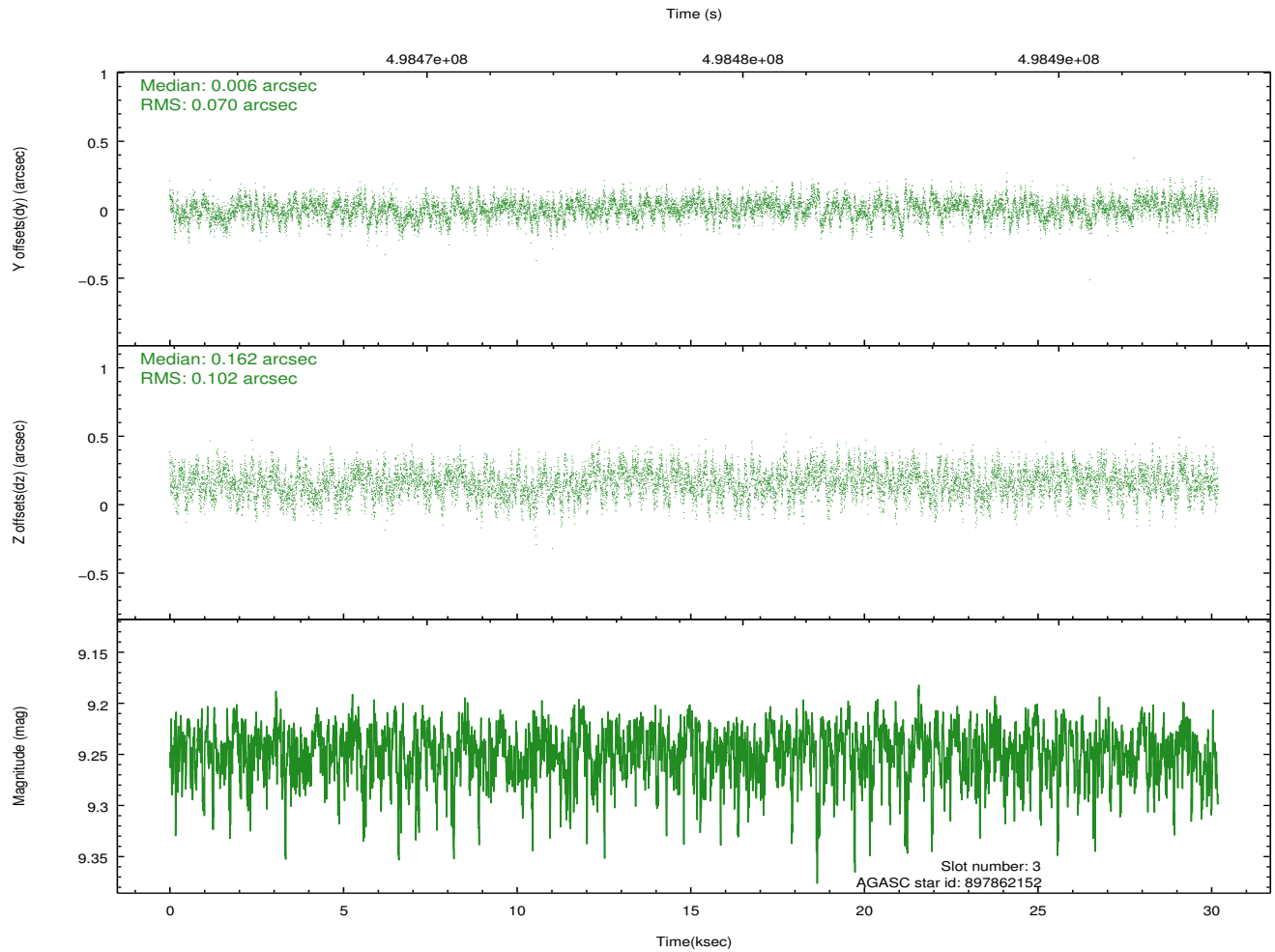
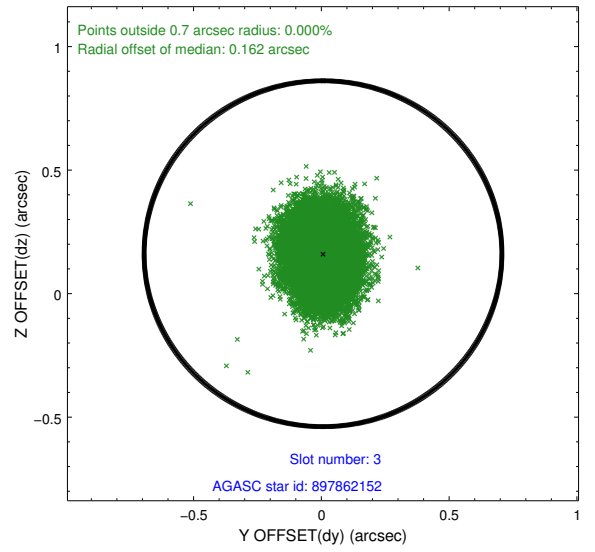
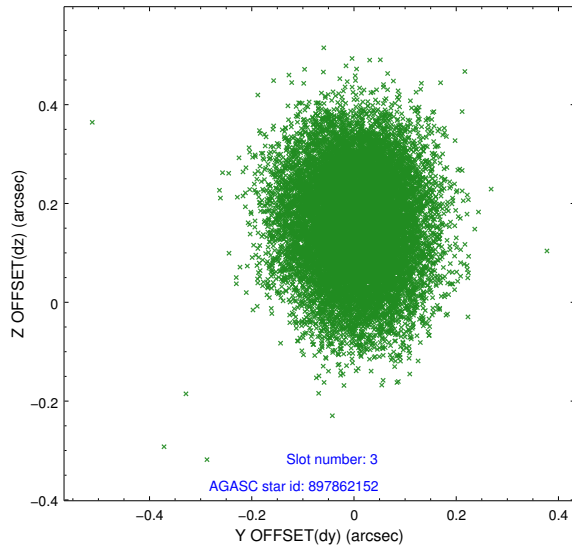
### Slot Statistics

slot	status	used	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID		HRC-I-1	6.99	7364	-0.089	0.047	0.009	0.017	0.000000	0.000000	-776.39	-1305.84
1	FID		HRC-I-2	7.02	7364	0.248	-0.139	0.027	0.038	0.000000	0.000000	836.47	-1307.78
2	FID		HRC-I-3	7.07	7364	-0.041	0.001	0.028	0.040	0.000000	0.000000	-1204.70	998.51
3	GUIDE	used	897862152	9.25	14671	0.006	0.162	0.133	0.215	270.075629	-28.076037	-1788.30	-2366.87
4	GUIDE	used	898371304	8.42	14638	0.021	0.067	0.089	0.140	270.531151	-28.390506	-712.32	-880.17
5	GUIDE	used	898391736	9.34	14610	0.168	-0.094	0.128	0.210	270.367313	-28.729065	527.57	-1353.21
6	GUIDE	used	898397904	8.99	14691	-0.146	-0.017	0.102	0.163	271.468366	-29.222006	2183.87	2171.84
7	GUIDE	used	898390056	9.36	14650	-0.054	-0.109	0.169	0.270	270.373659	-28.786636	731.50	-1324.70

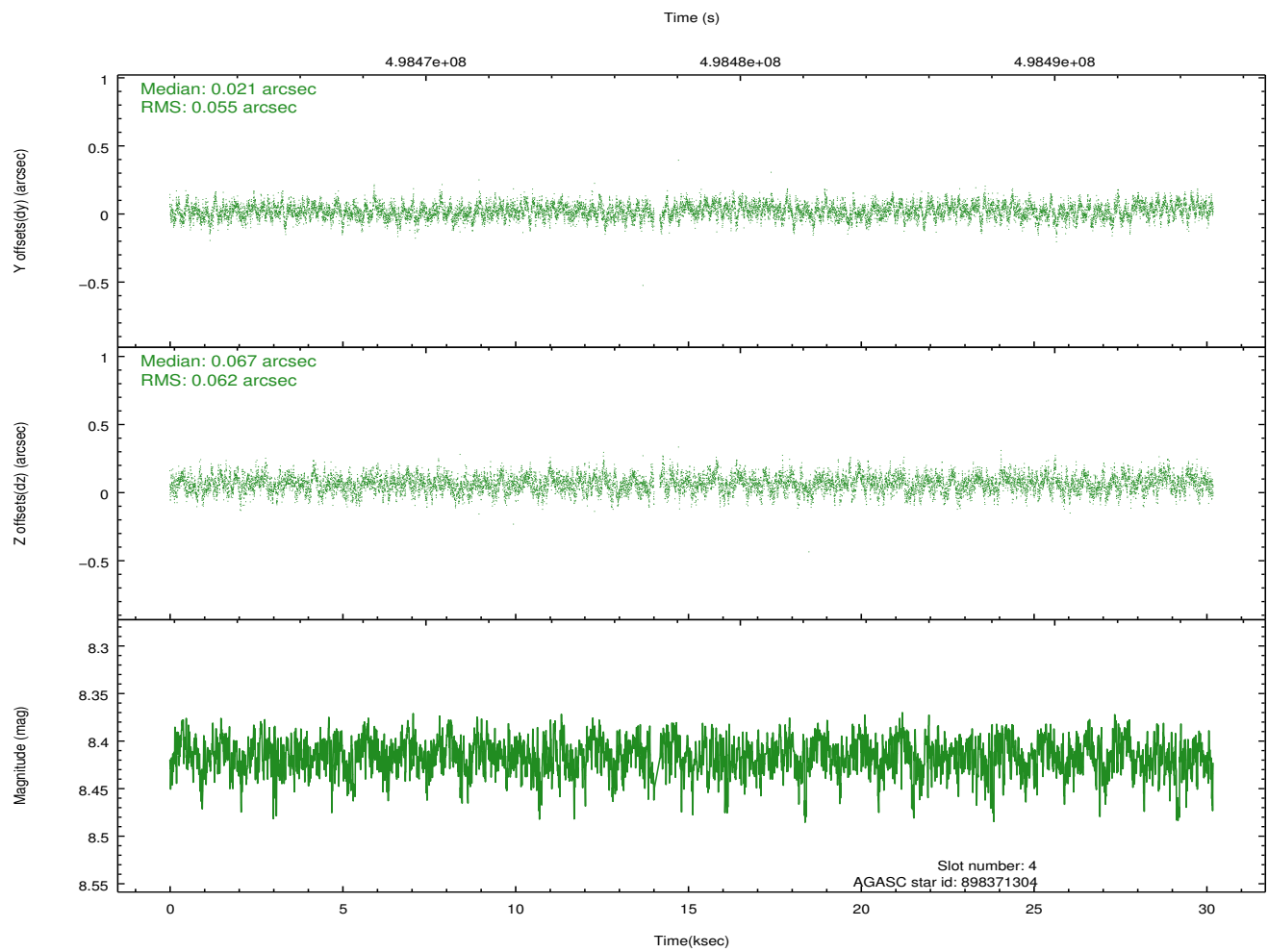
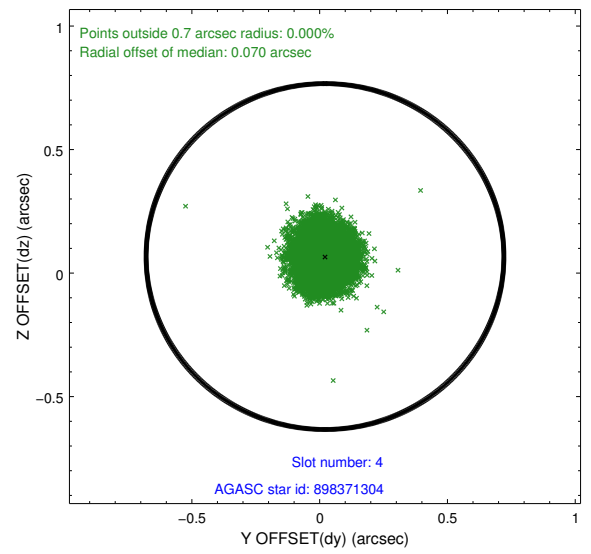
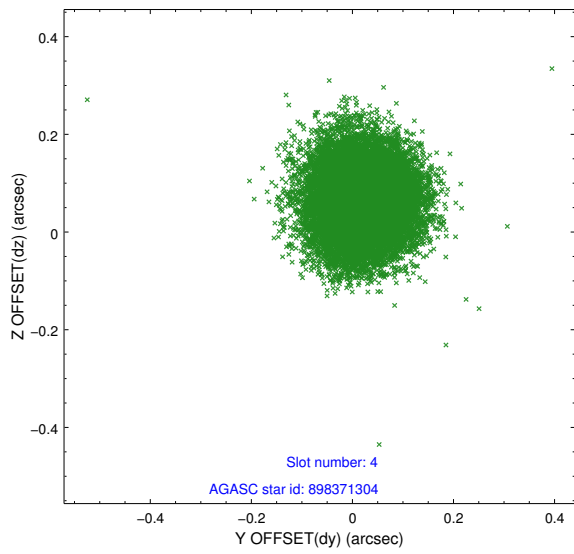
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## 2.4 Star Slots

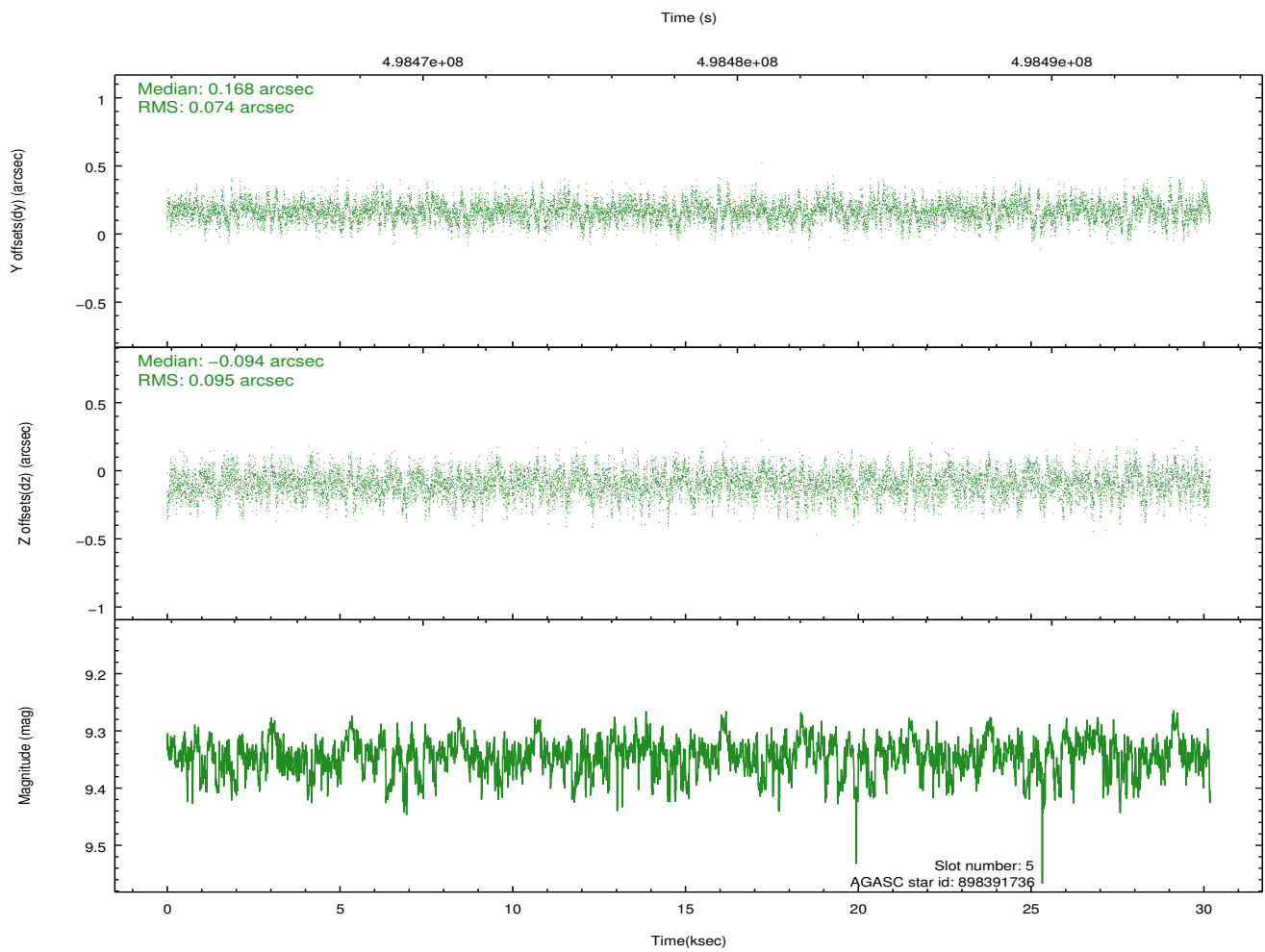
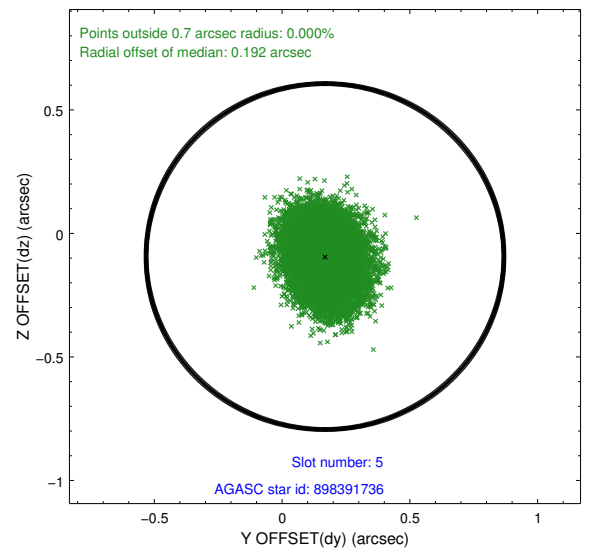
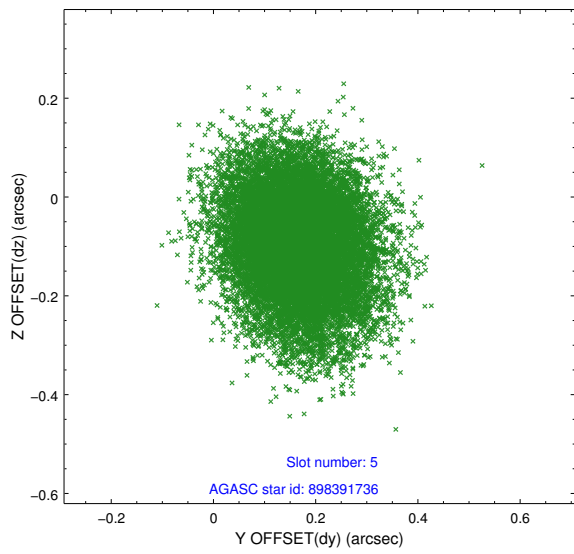
### 2.4.1 Slot 3



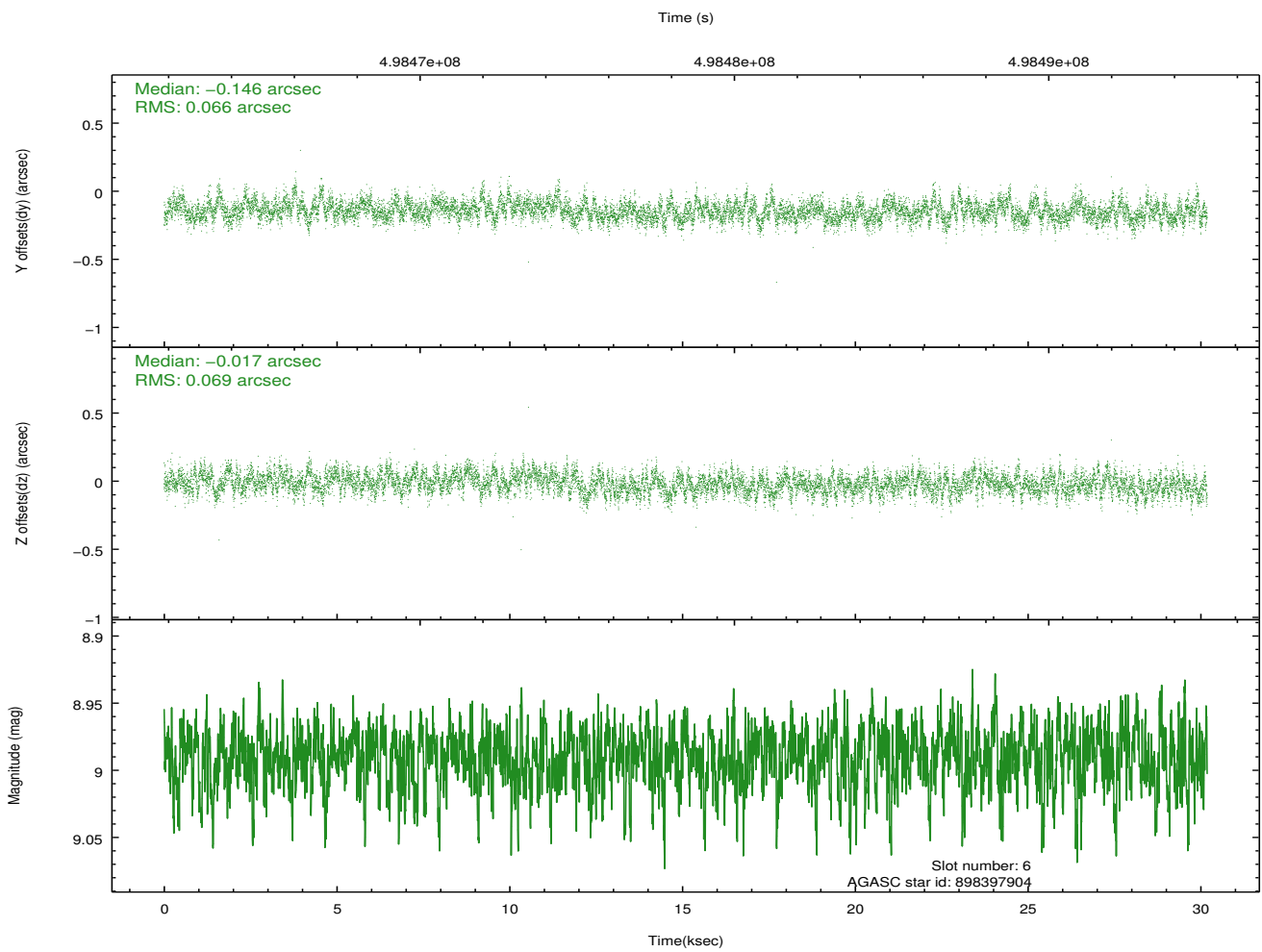
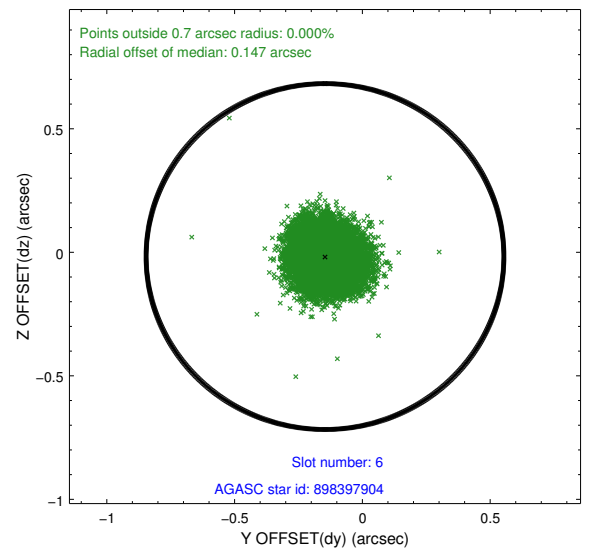
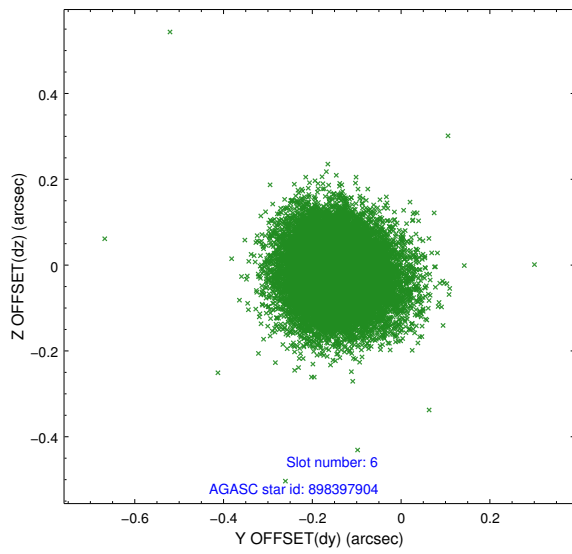
## 2.4.2 Slot 4



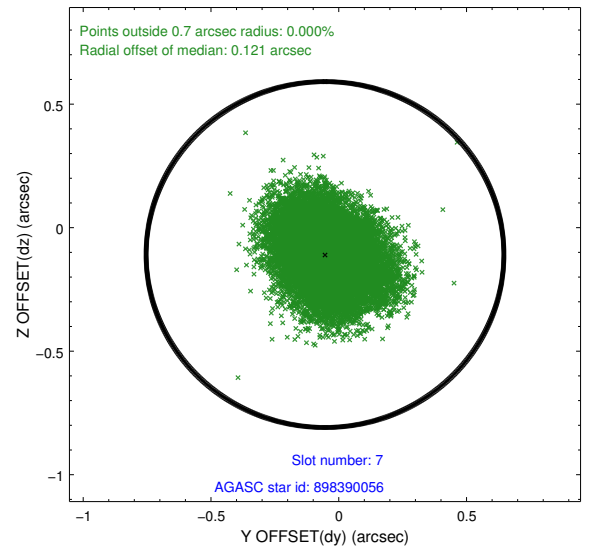
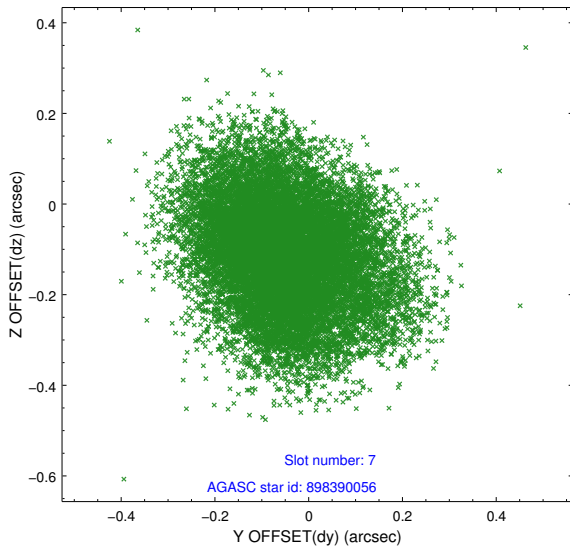
### 2.4.3 Slot 5



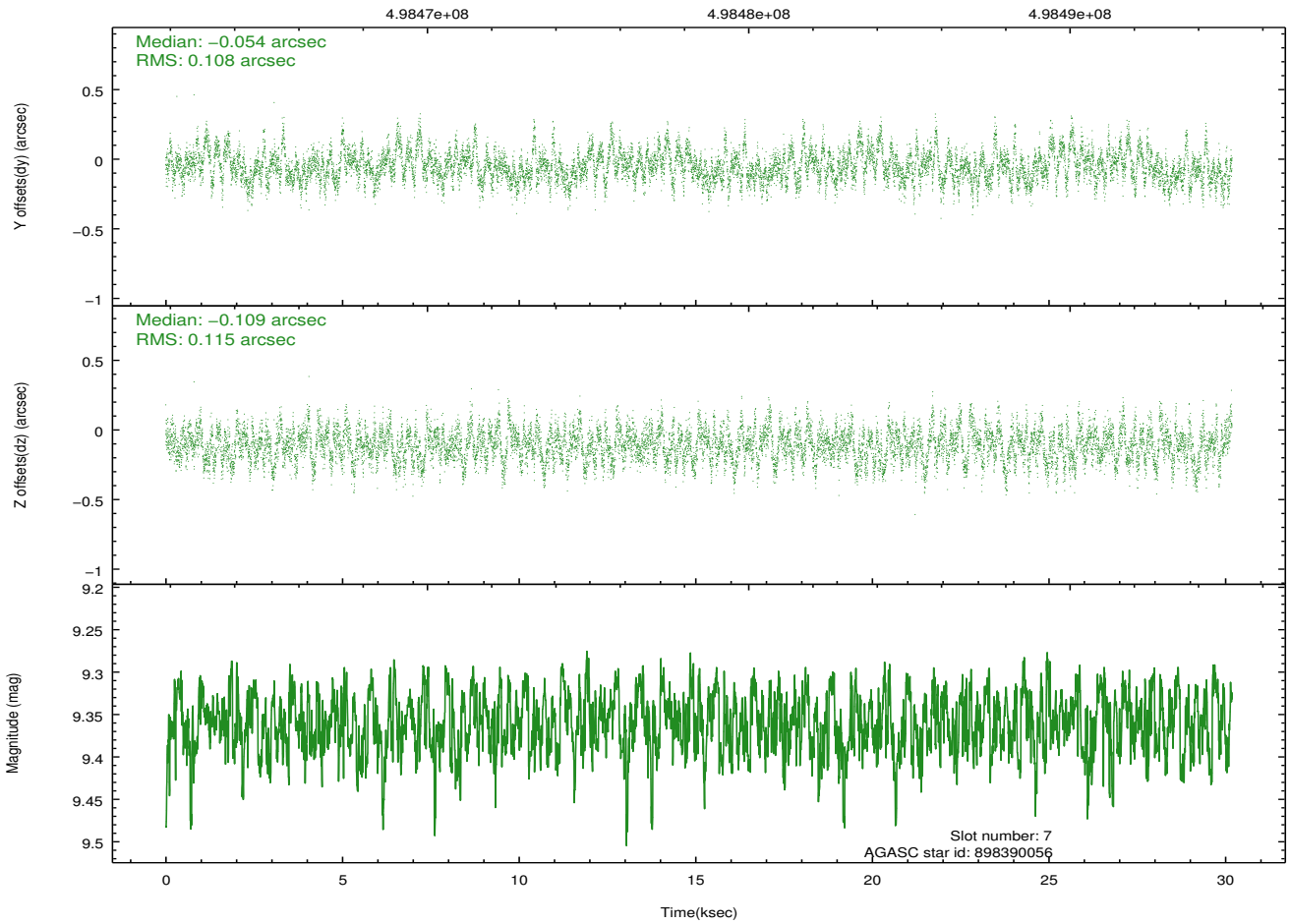
## 2.4.4 Slot 6



### 2.4.5 Slot 7

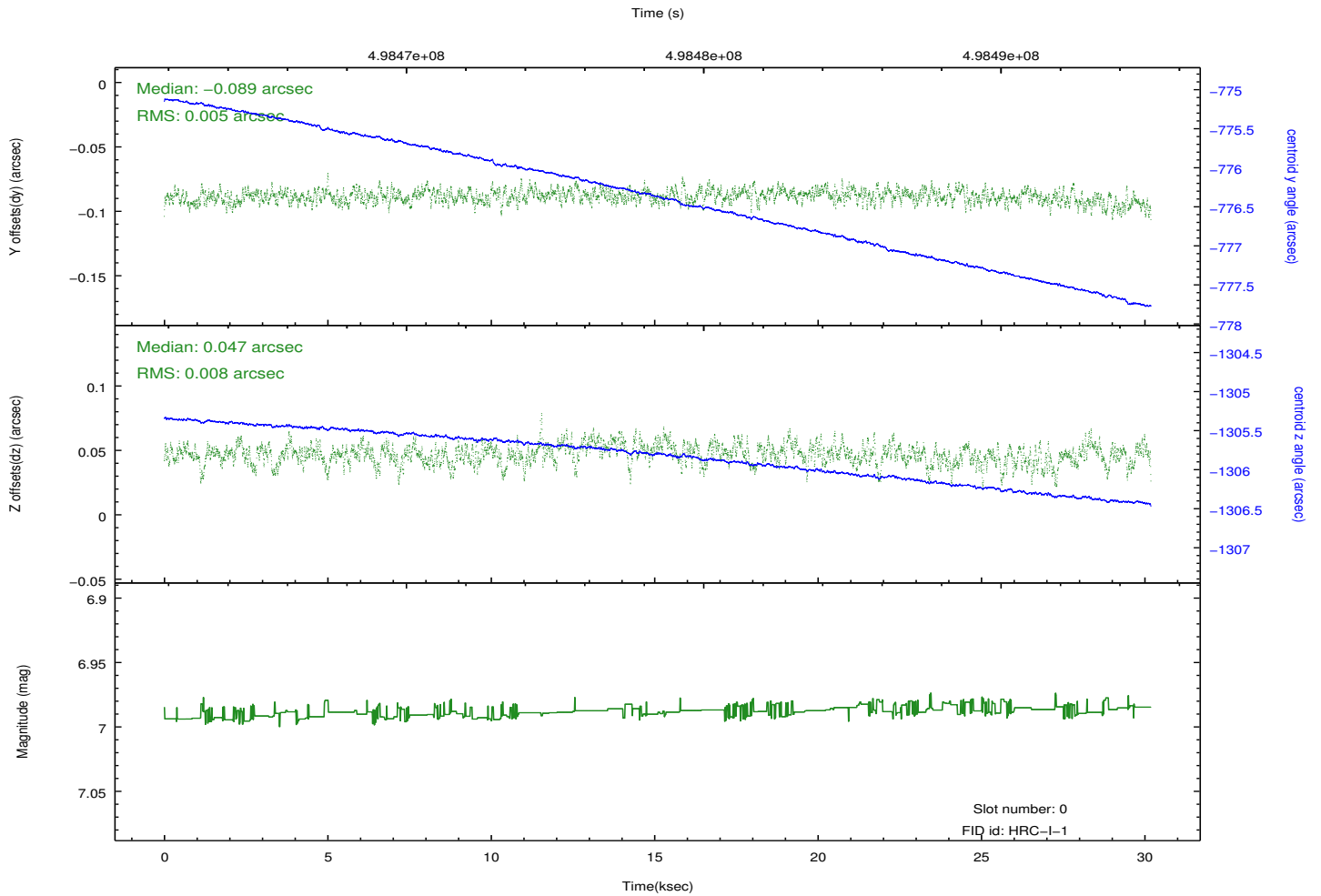
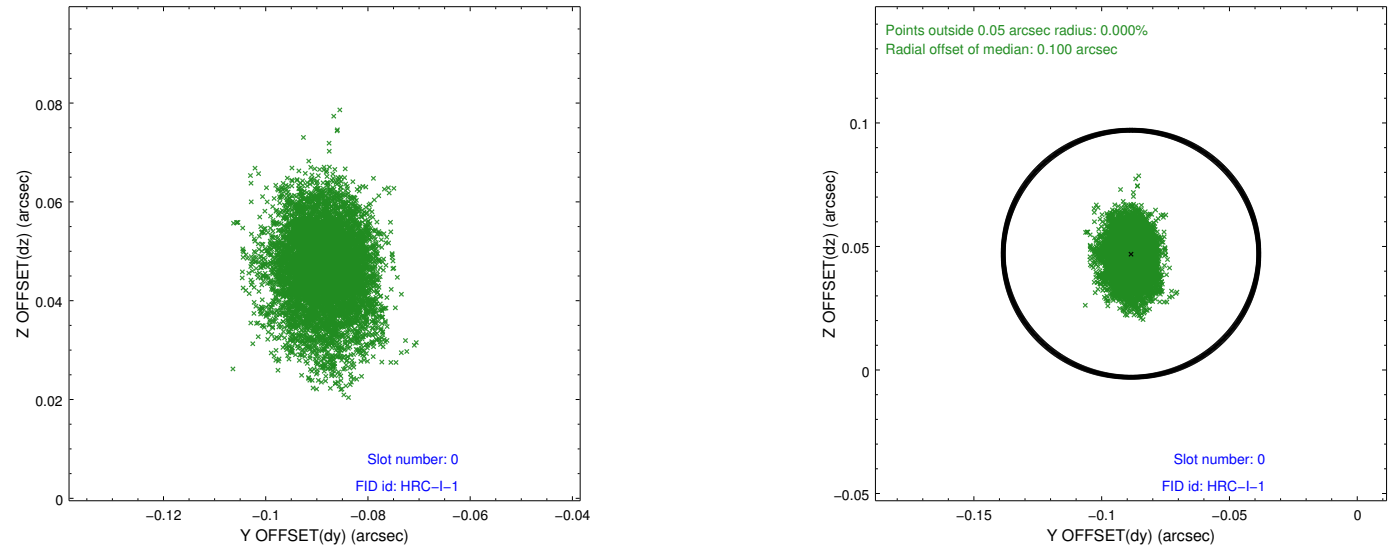


Time (s)

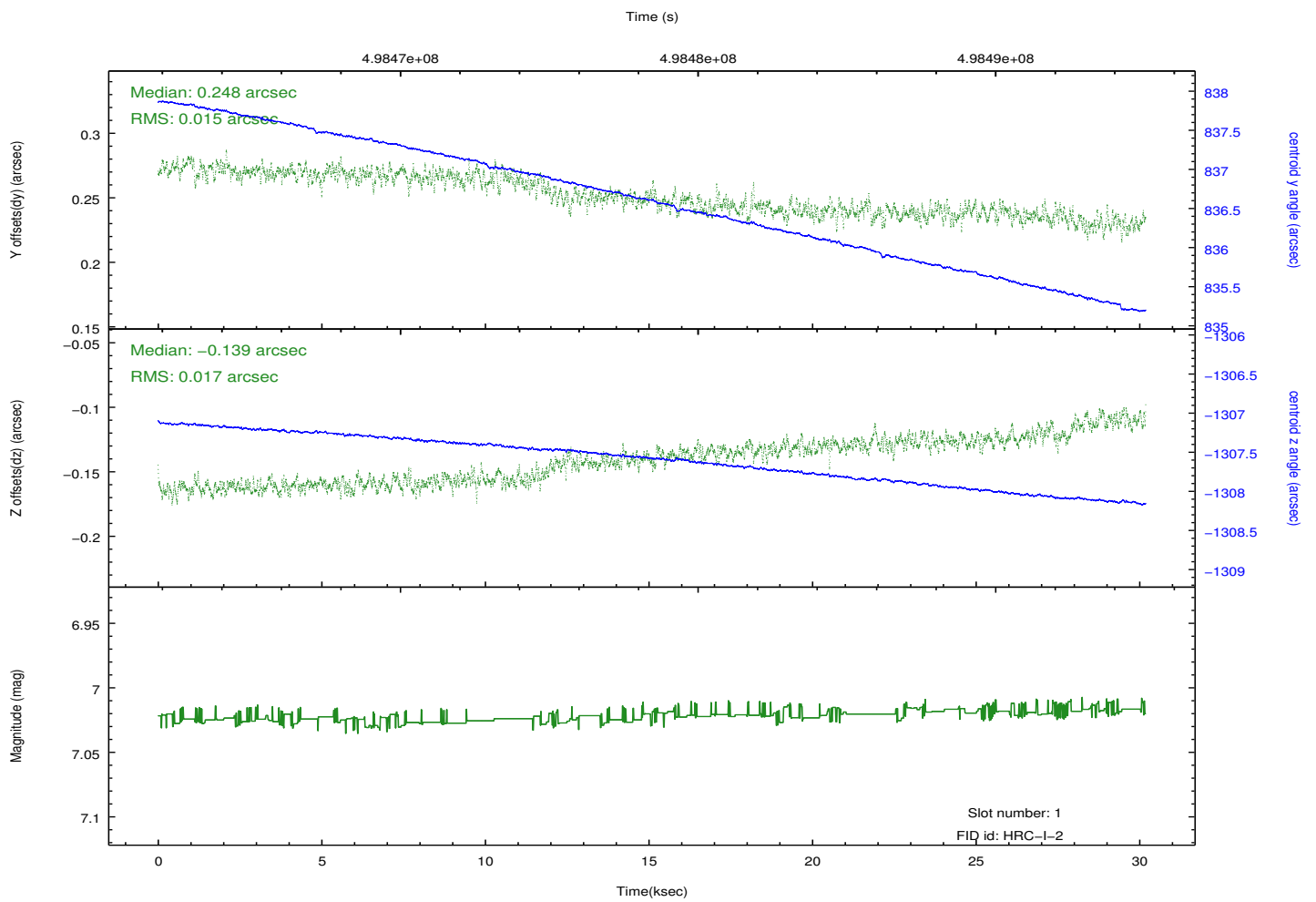
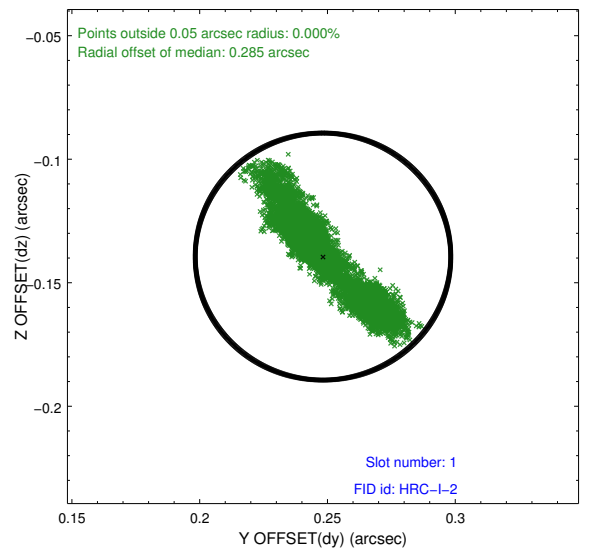
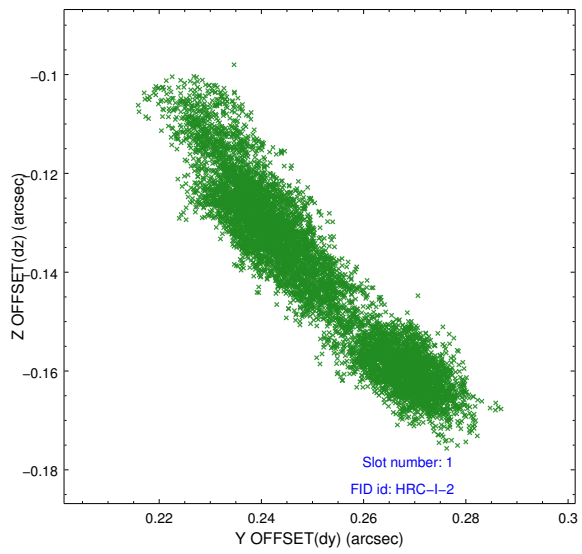


## 2.5 FID Slots

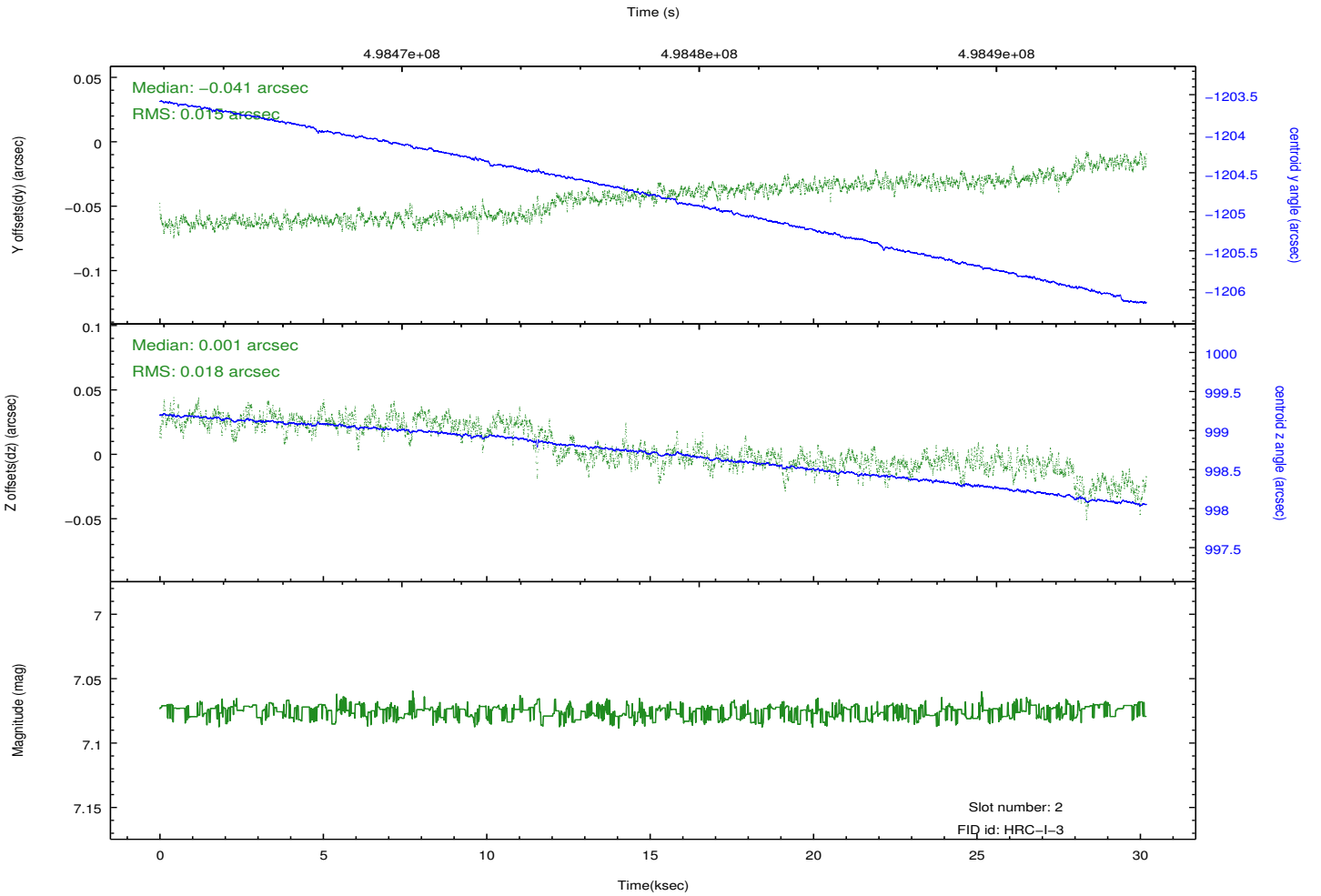
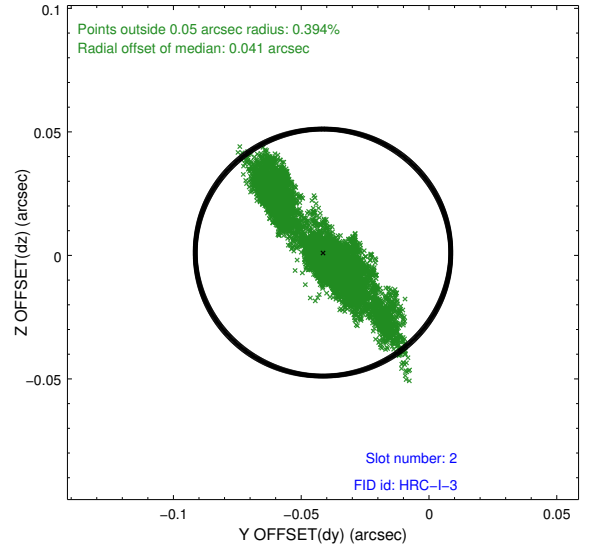
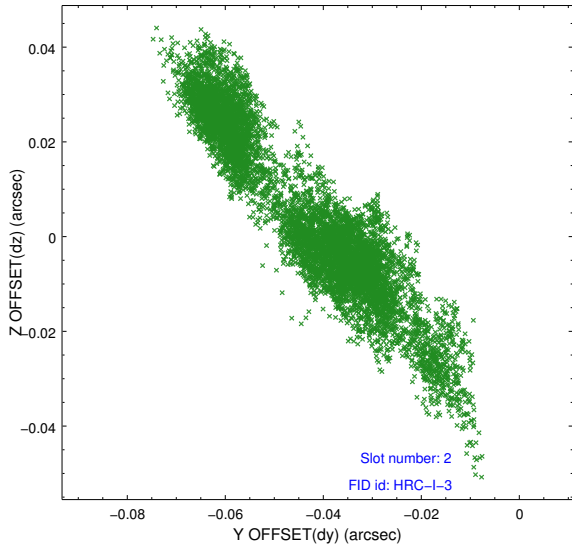
### 2.5.1 Slot 0



## 2.5.2 Slot 1



### 2.5.3 Slot 2



## A Summary

### A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2015.06.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	30.187532901824

### A.2 Comments

This observation was reprocessed to update the target name.