

# V&V Reference Report

## L2 ASCDS Version : 8.5.1.1

Observation 4612 - L2 Version 5  
Chandra X-Ray Center

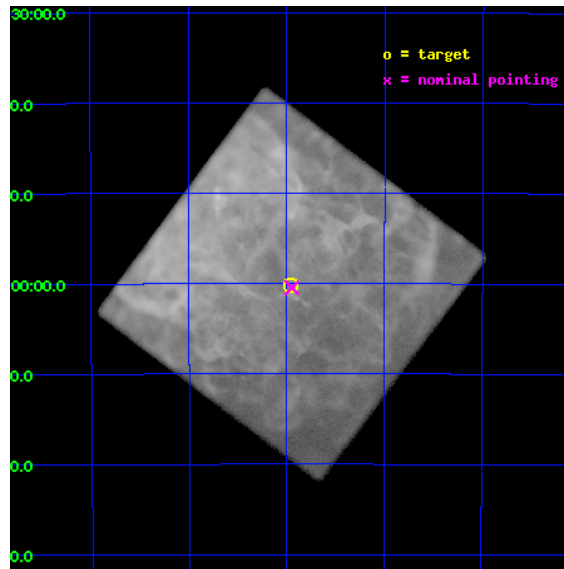
L2 Processing Date : Dec 22 2012

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# 1 Front

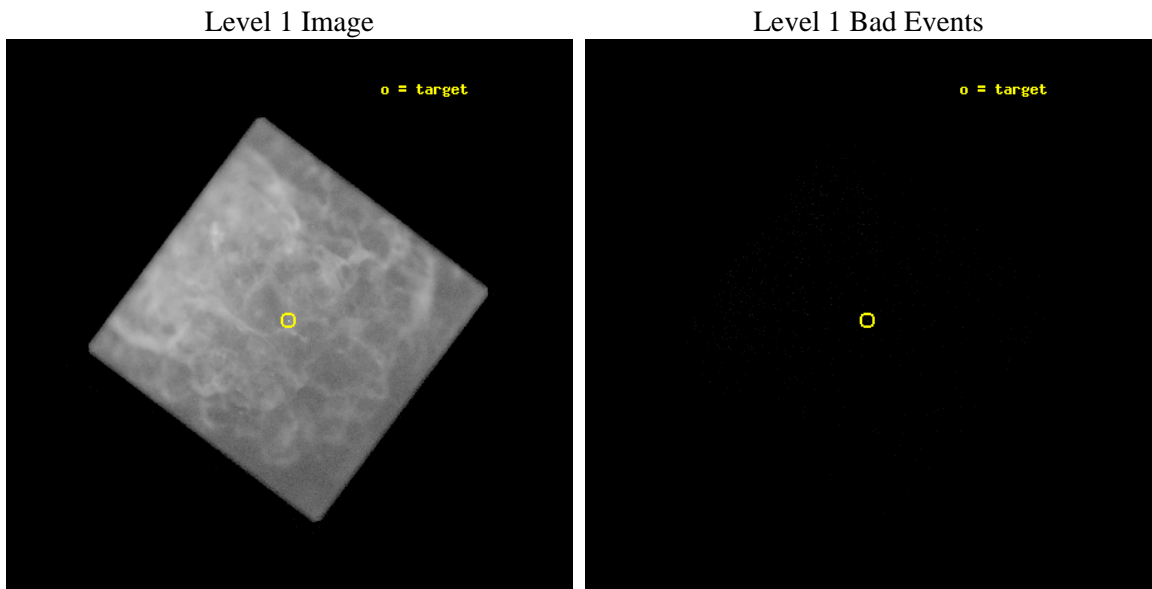
seq_num	500437	Sequence number
obs_id	4612	Observation id
title	MEASURING NEUTRON STAR RECOIL FROM A SUPERNOVA: A UNIQUE OPPORTUNITY IN PUPPIS A	Proposal title
observer	Dr. P. Winkler	Principal investigator
object	RXJ0822-4300	Source name
ra_targ	125.489583	Observer's specified target RA [deg]
dec_targ	-43.004361	Observer's specified target Dec [deg]
ra_nom	125.48666825539	Nominal RA [deg]
dec_nom	-43.007937224027	Nominal Dec [deg]
roll_nom	261.93212213737	Nominal Roll [deg]
revision	5	Processing version of data
ontime	40164.883077204	[s]
liveltime	21317.751747165	Ontime multiplied by DTCOR
l2events	6548460	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	40000.000000	[s] Scheduled observation exposure time
ascdsver	8.5.1.1	Processing system revision	ontime	40164.883077204	[s]
caldbver	4.5.5	&#160	l1events	7535448	Number of level 1 events
date	2012-12-22T16:49:43	Date and time of file creation			
revision	5	Processing version of data			

### 2.1.3 Events

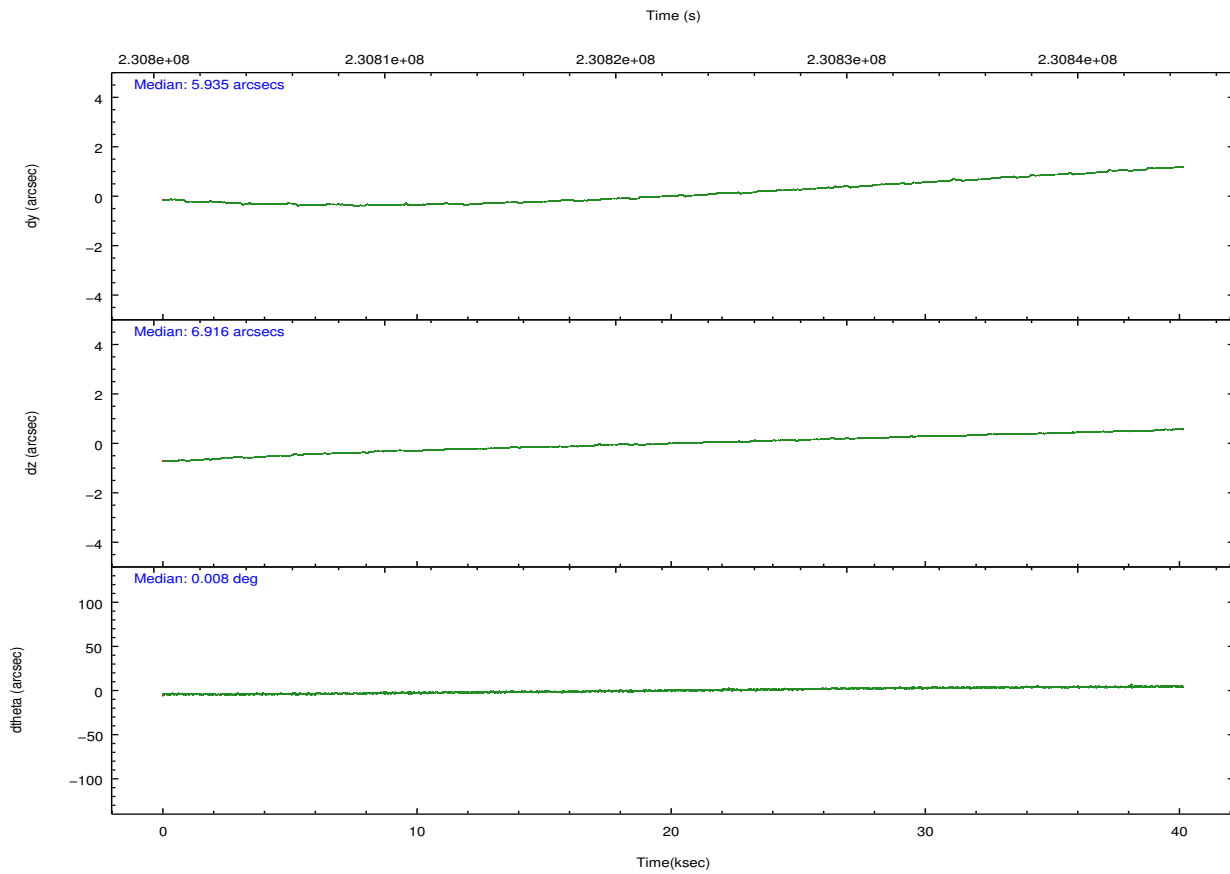
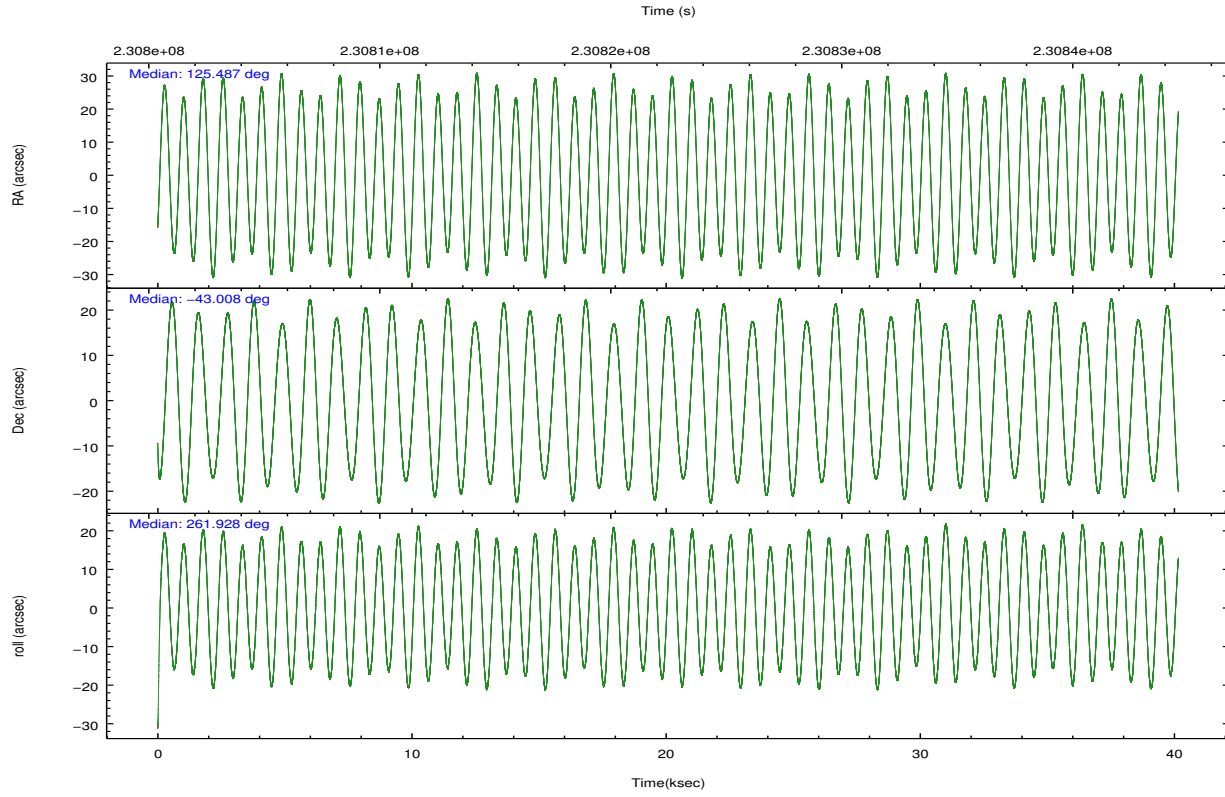
#### Level 1 Events

	<b>segment 0</b>
level 1 events	7535448
rejected events	129438
rejected %	1%

## 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	125.472035	125.4866682553879			
[deg] Pointing Dec	-42.983042	-43.0079372240274			
[deg] Pointing Roll	262.017638	261.9321221373662			
[mm] SIM focus pos	-1.040293	-1.038866356238299			
[mm] SIM defocus	0	0.001426264420575141			
[mm] SIM translation stage pos	126.985494	126.9854943052878			
[mm] SIM translation stage offset	0	-5.413686238853188e-06			
[s] Observation start time (MET)	230802559.184000	230801518.09675			
Observation start date	2005-04-25T07:48:15	2005-04-25T07:31:58			
[s] Observation end time (MET)	230842559.184000	230843253.53615			
Observation end date	2005-04-25T18:54:55	2005-04-25T19:07:33			

## 2.3 Aspect

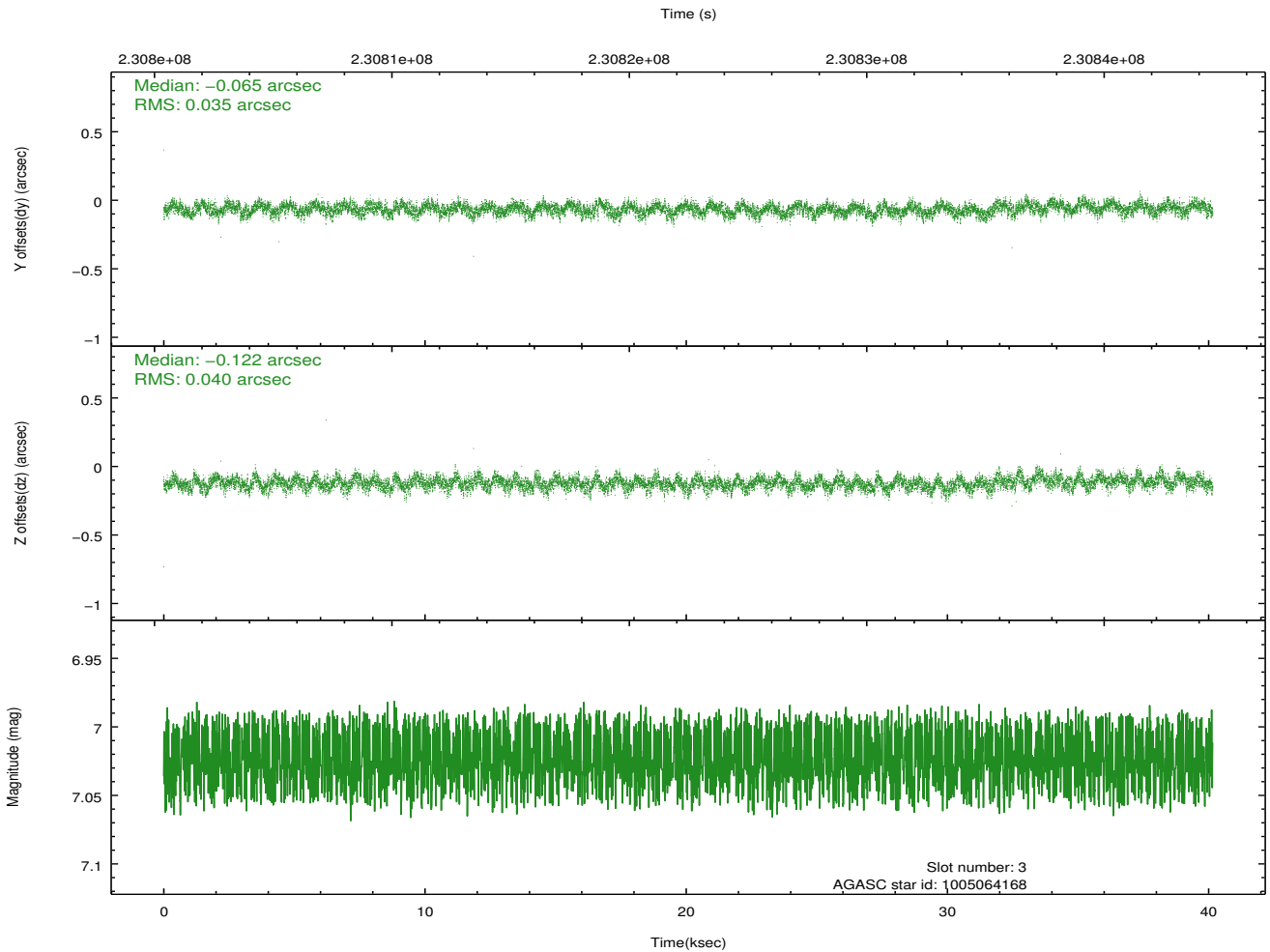
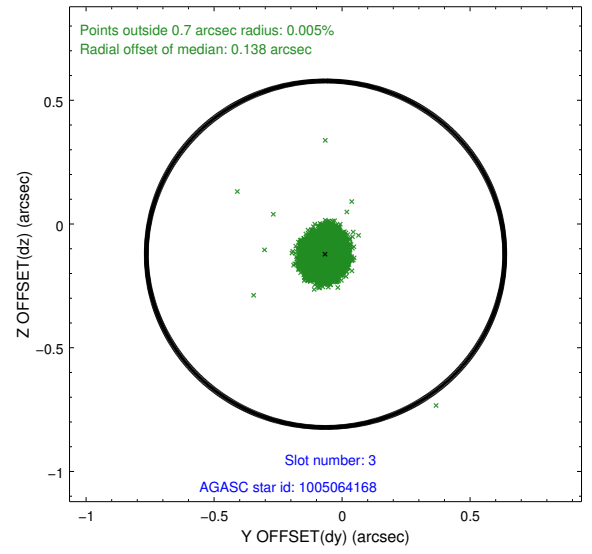
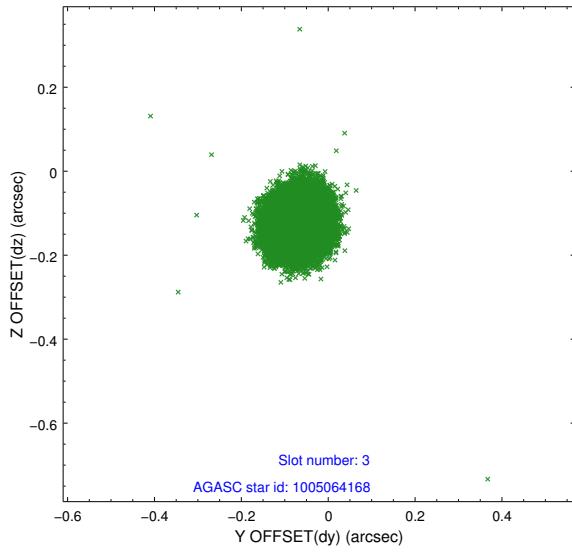


### Slot Statistics

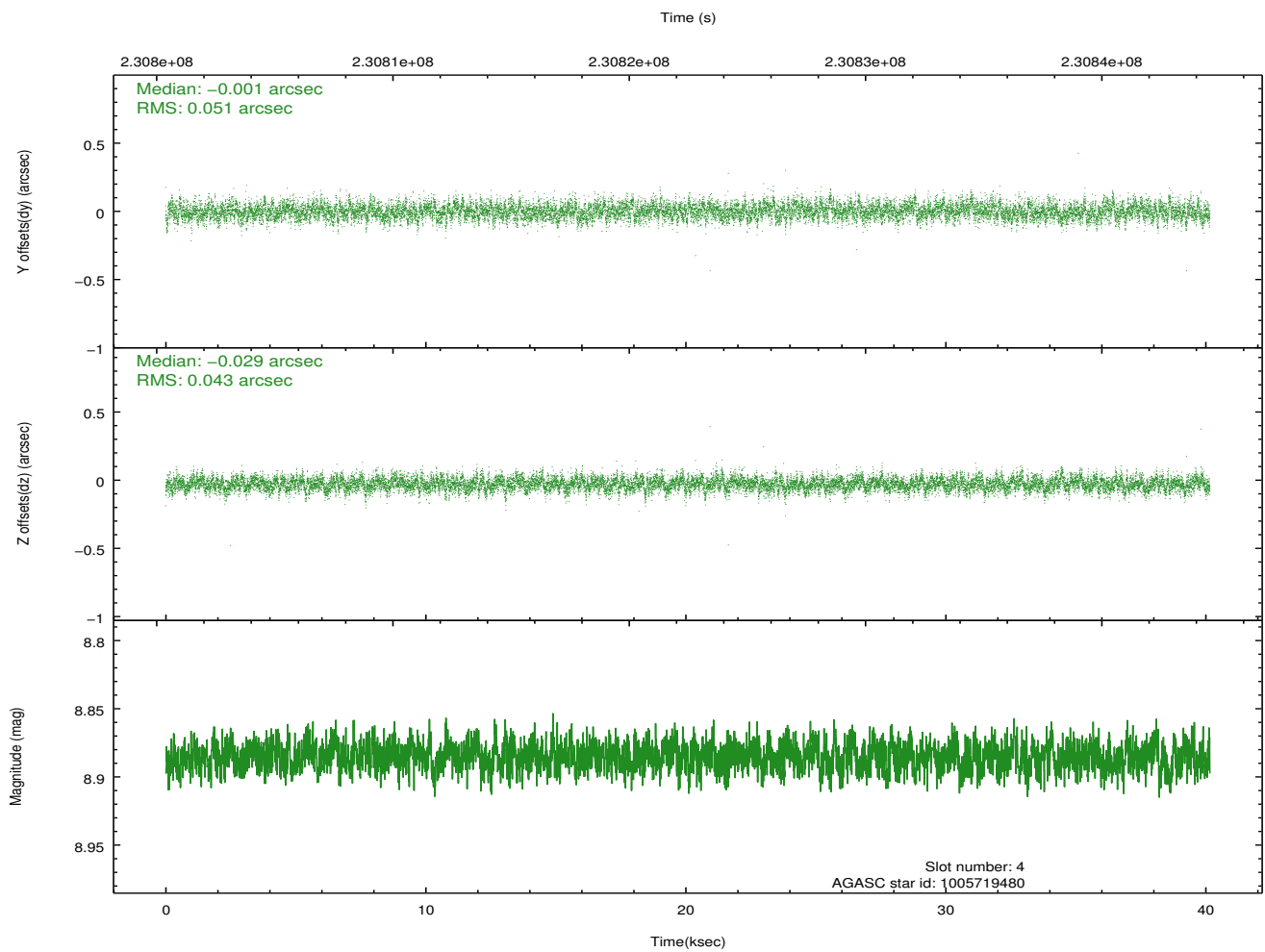
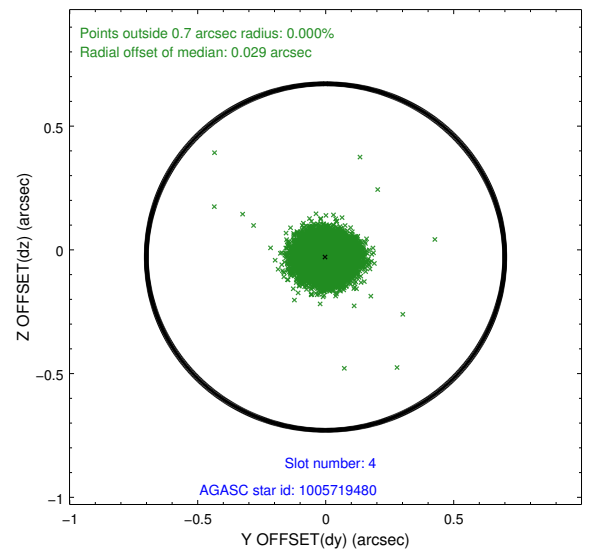
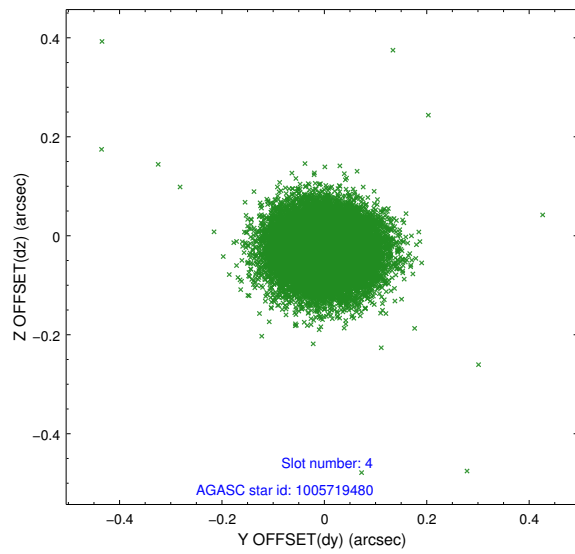
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.01	9797	0.013	-0.006	0.017	0.035	0.000000	0.000000	-761.64	-1294.80
1	FID	HRC-I-2	7.05	9797	0.114	-0.092	0.010	0.020	0.000000	0.000000	851.02	-1296.58
2	FID	HRC-I-3	7.09	9795	-0.009	0.007	0.012	0.026	0.000000	0.000000	-1190.07	1009.63
3	GUIDE	1005064168	7.02	19593	-0.065	-0.122	0.057	0.090	124.723843	-42.526737	-1342.09	-2192.82
4	GUIDE	1005719480	8.89	19585	-0.001	-0.029	0.070	0.114	125.476619	-43.605627	2218.10	323.21
5	GUIDE	1005724040	7.58	19594	0.072	0.044	0.071	0.114	125.738175	-43.227880	777.40	814.04
6	GUIDE	1005726872	7.39	19592	-0.068	0.044	0.054	0.089	125.535449	-43.662820	2400.73	503.73
7	GUIDE	1005723560	8.48	19588	0.059	0.062	0.089	0.139	126.279097	-43.364629	1077.42	2284.17

## 2.4 Star Slots

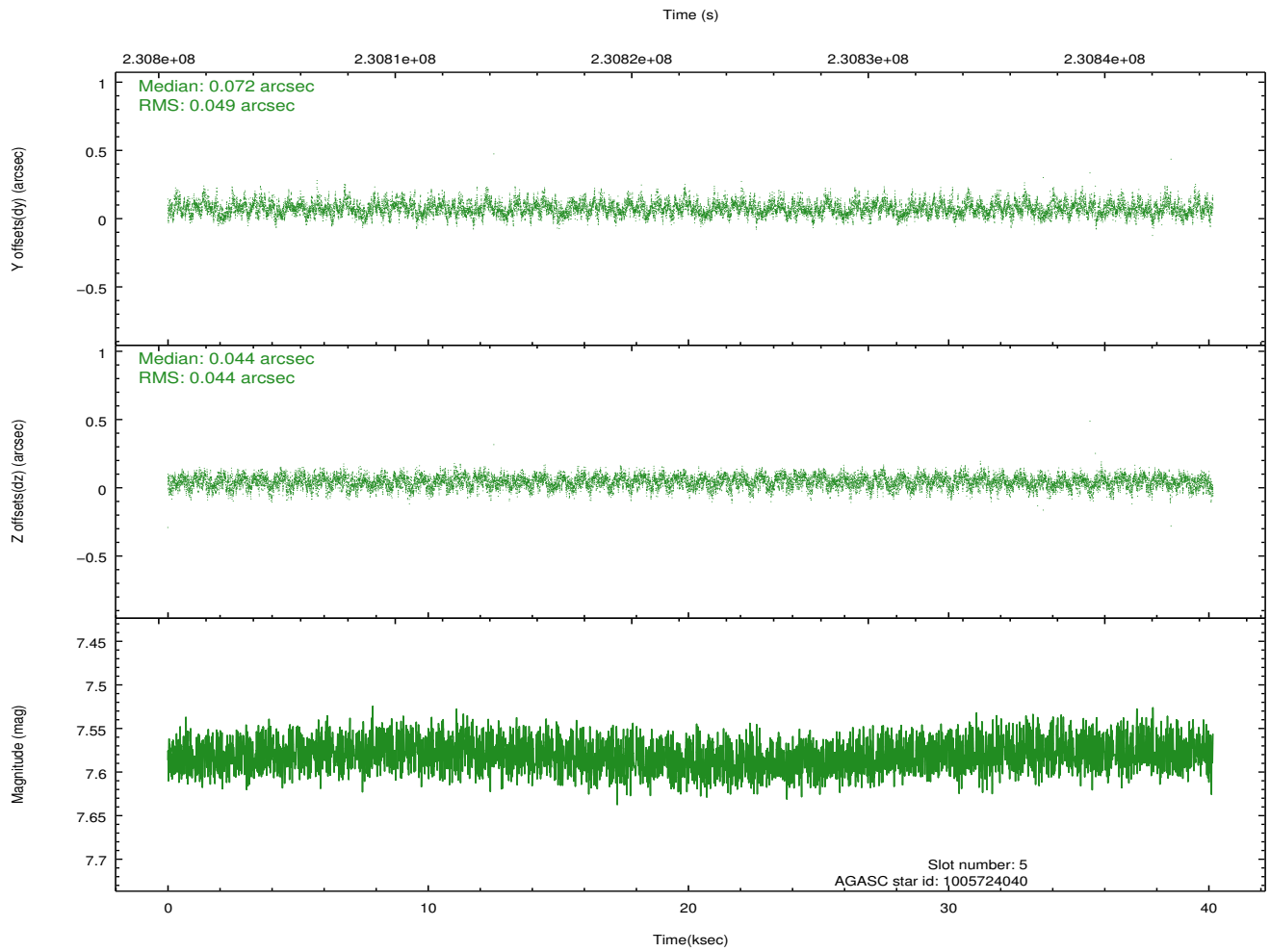
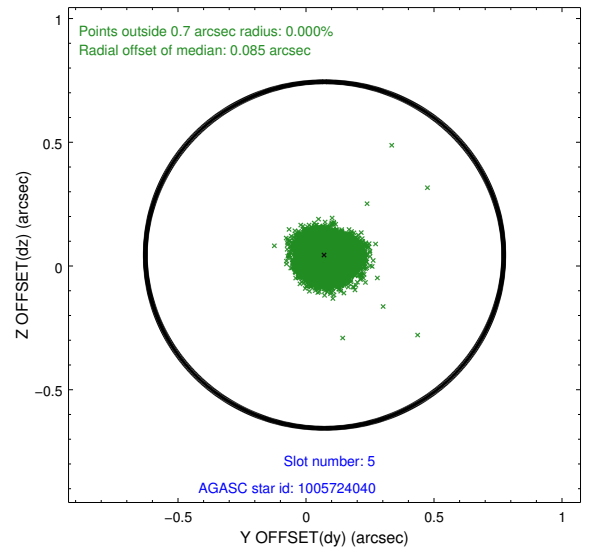
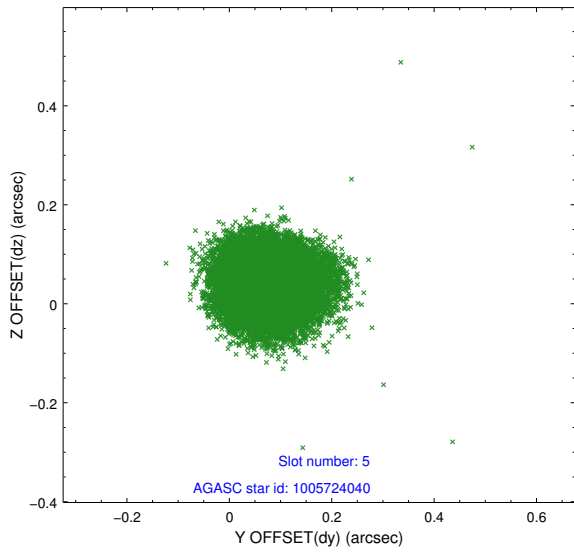
### 2.4.1 Slot 3



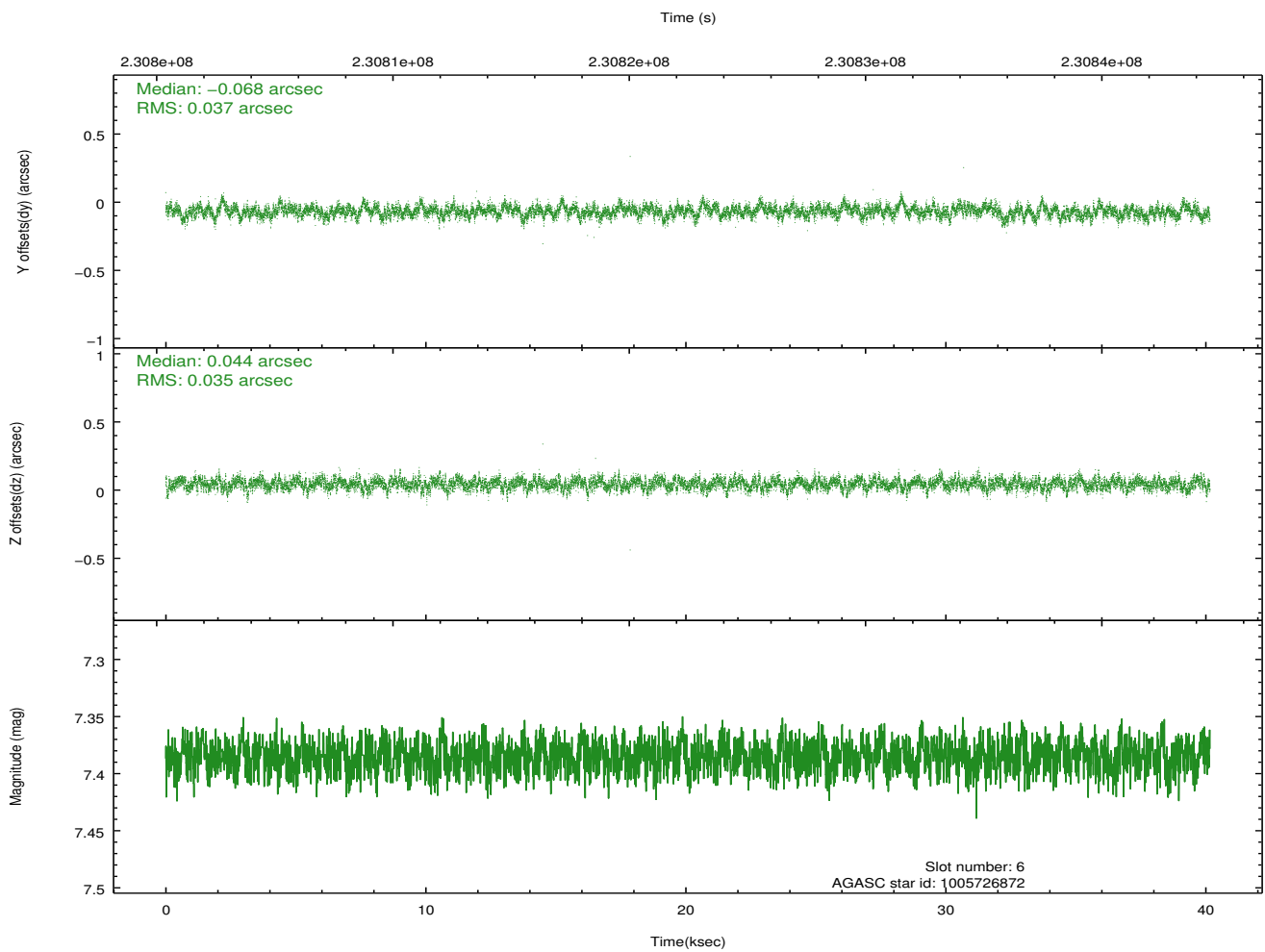
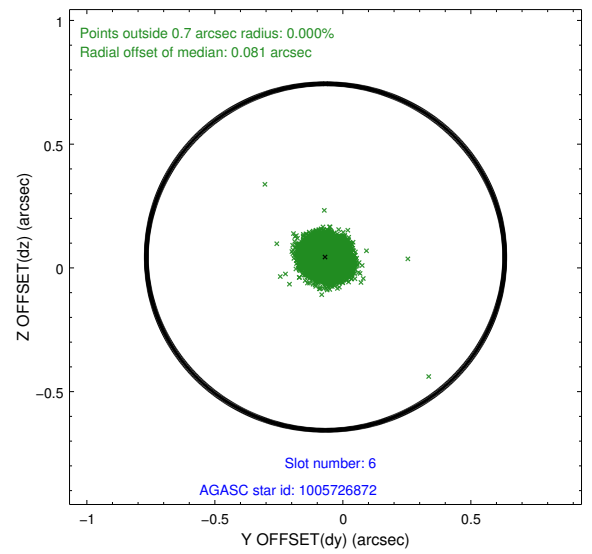
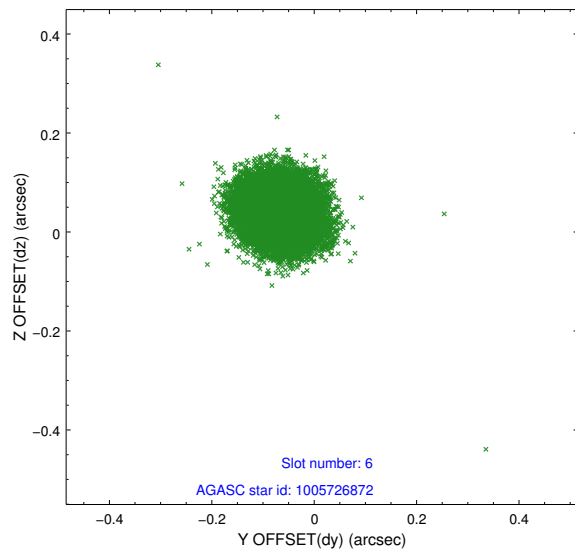
## 2.4.2 Slot 4



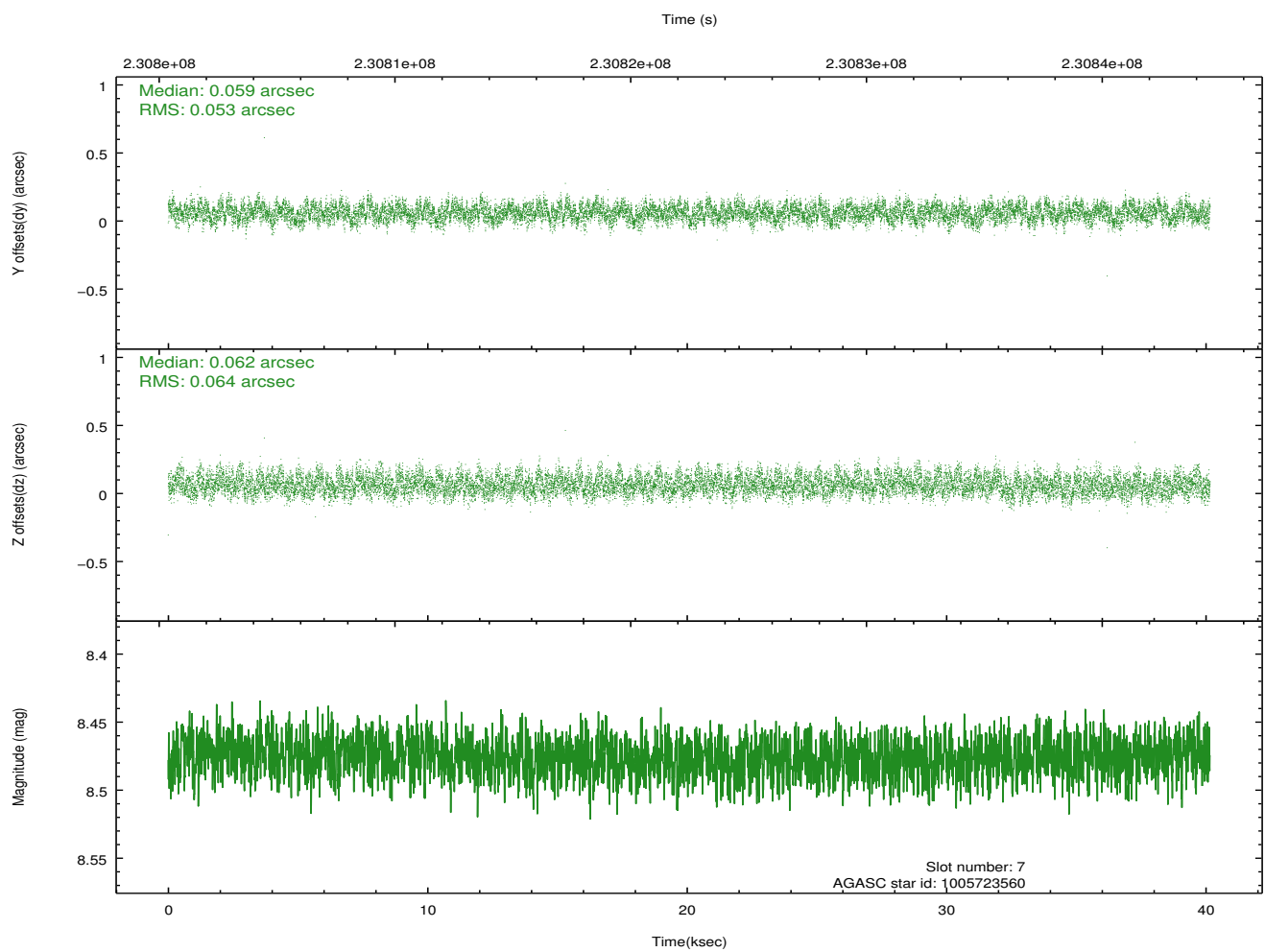
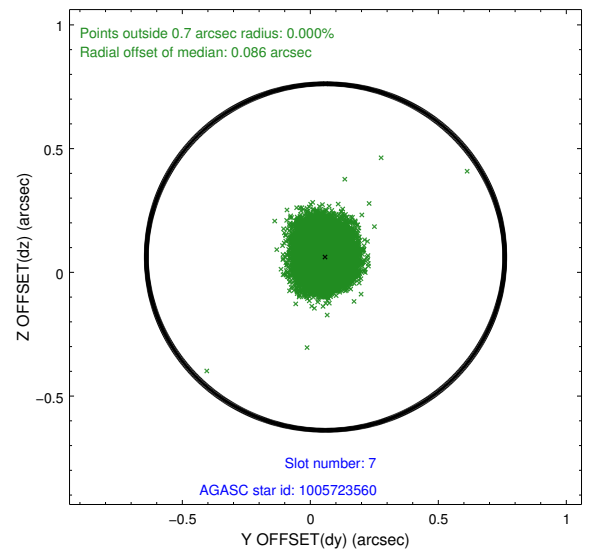
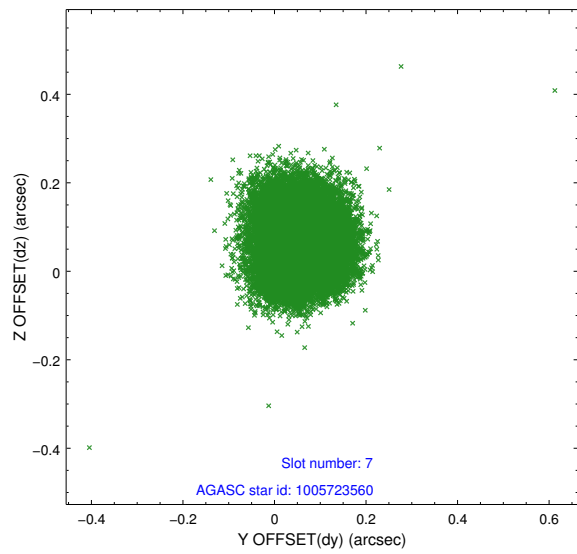
### 2.4.3 Slot 5



## 2.4.4 Slot 6

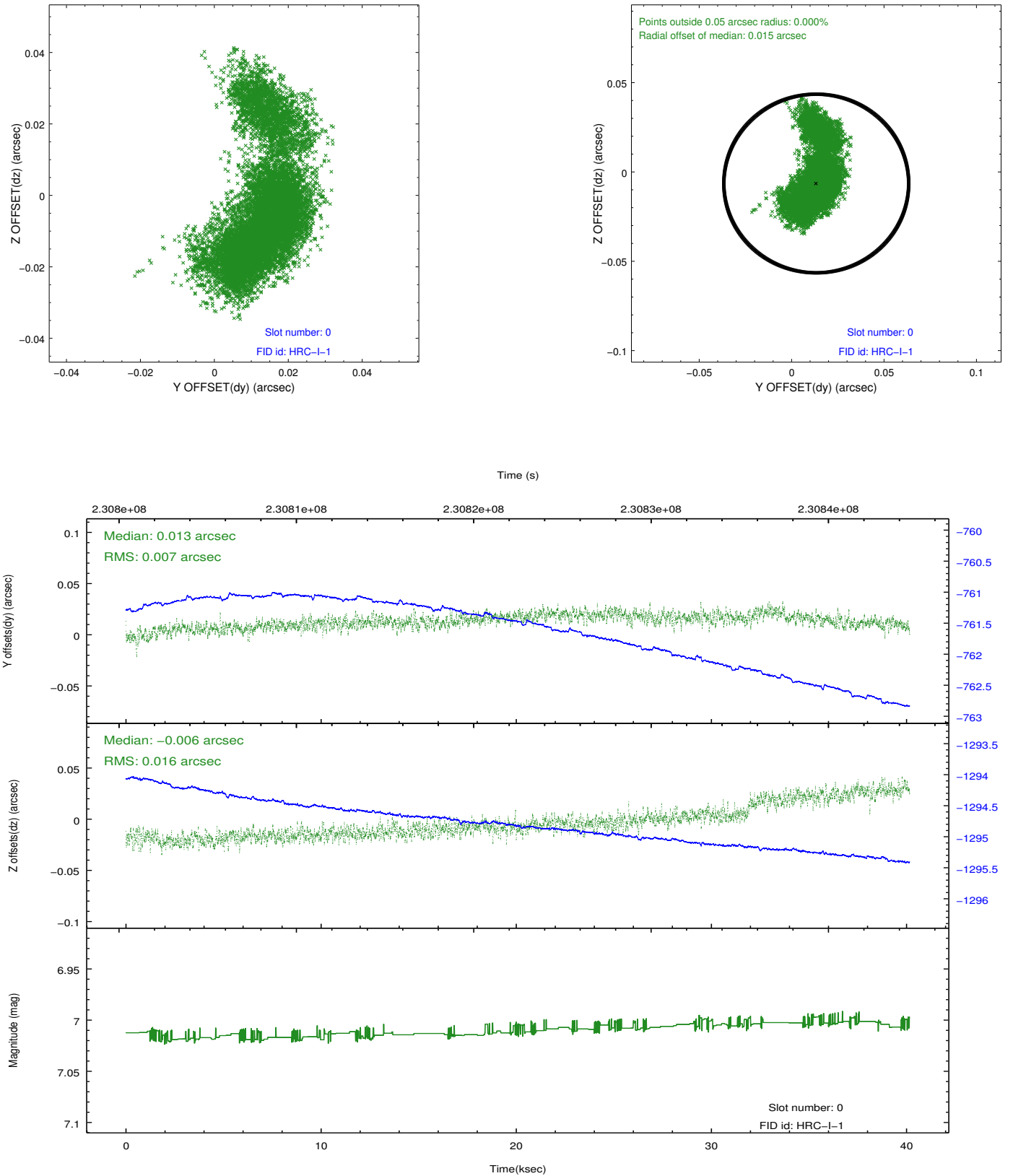


## 2.4.5 Slot 7

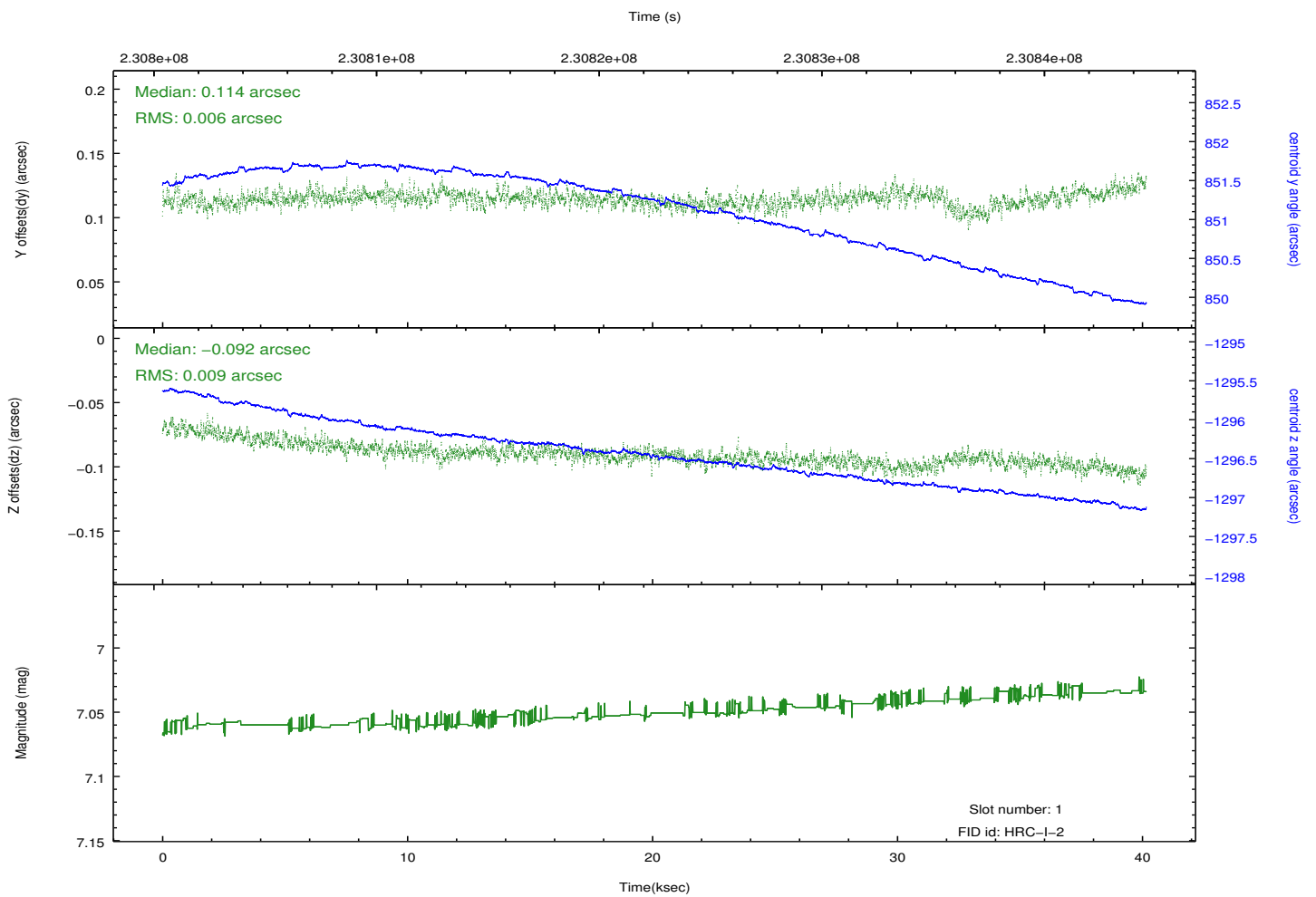
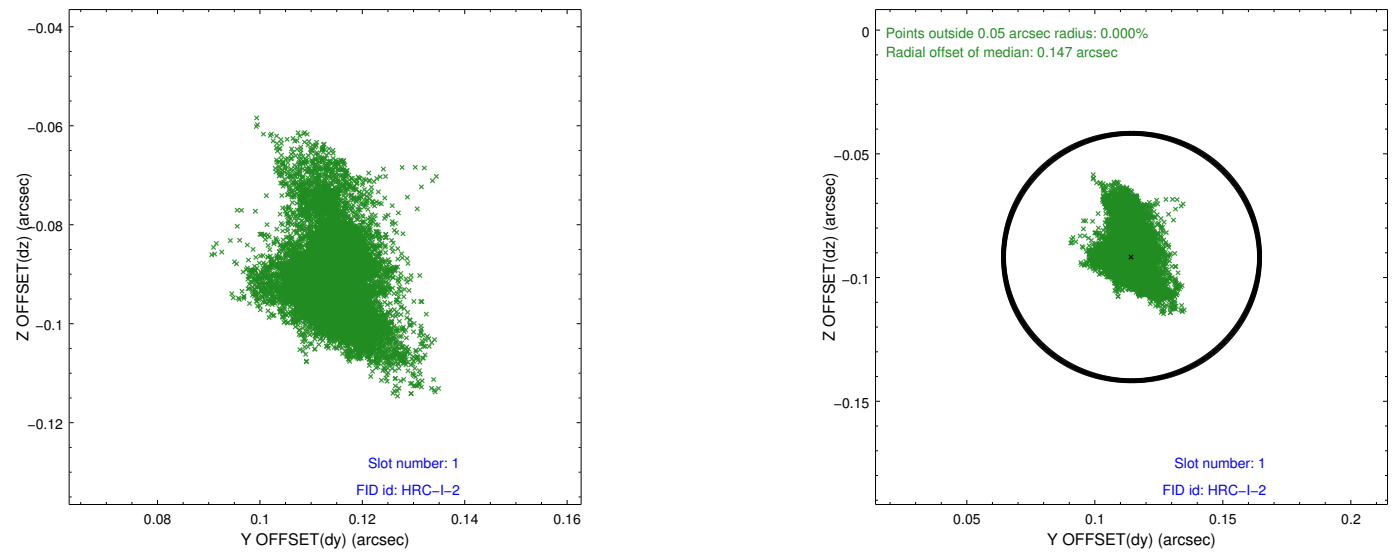


## 2.5 FID Slots

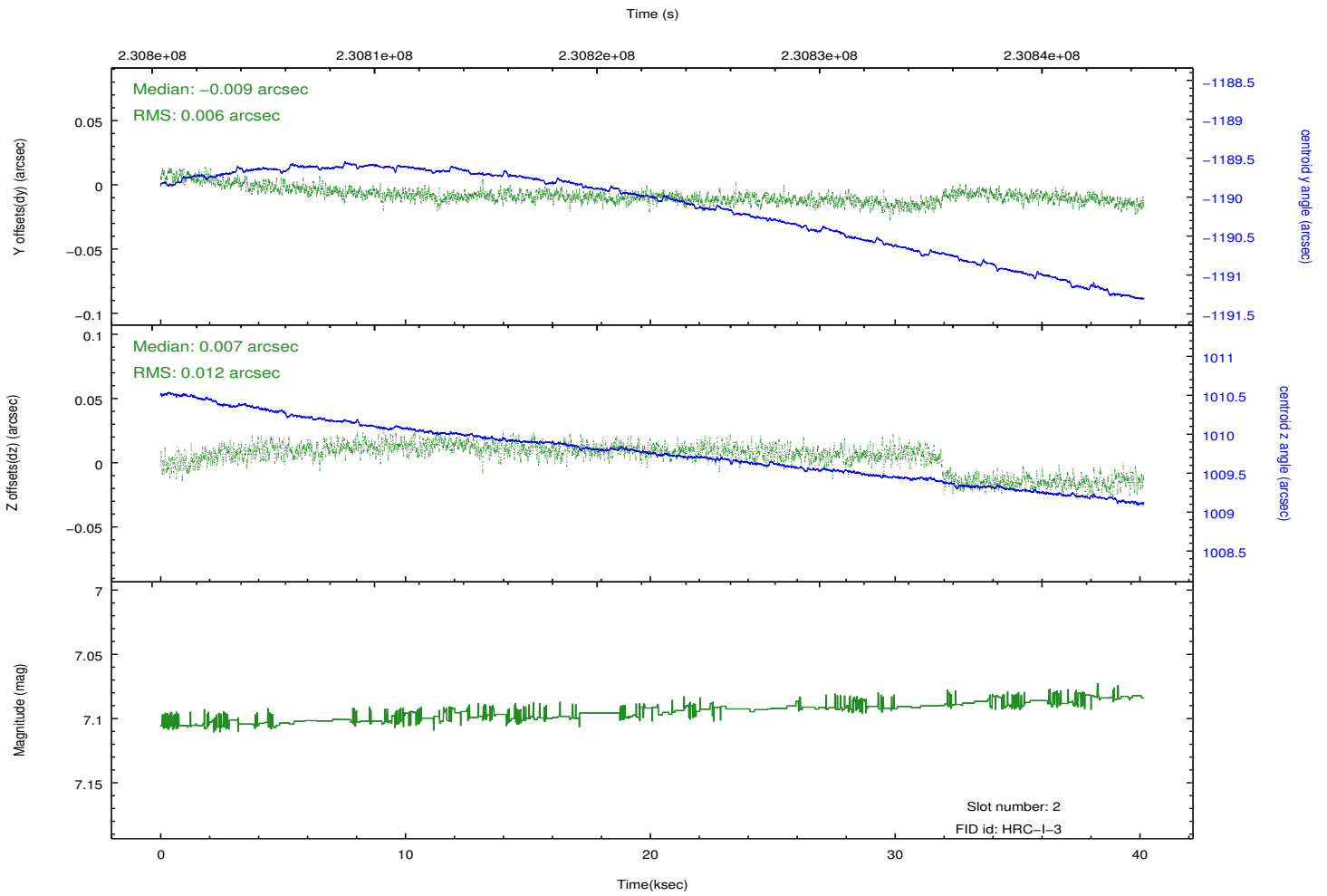
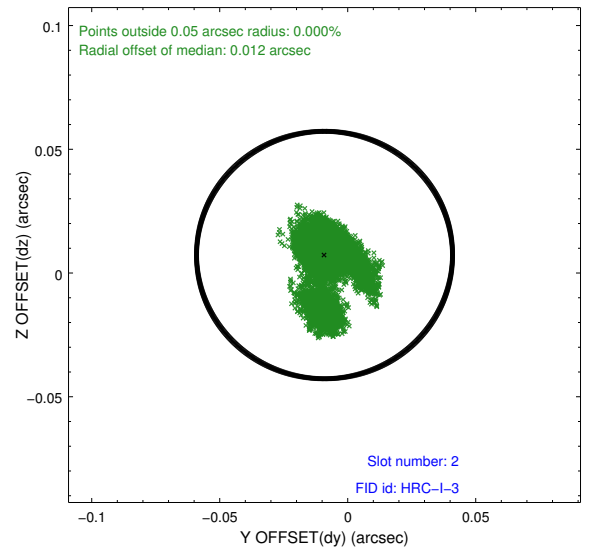
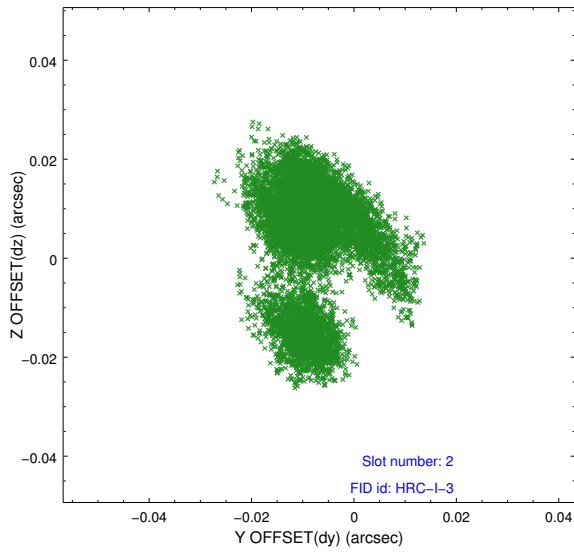
### 2.5.1 Slot 0



## 2.5.2 Slot 1



### 2.5.3 Slot 2



# A Summary

## A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2013.01.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	40.16488

## A.2 Comments