

# V&V Reference Report

## L2 ASCDS Version : 7.6.8.1

Observation 4612 - L2 Version 4  
Chandra X-Ray Center

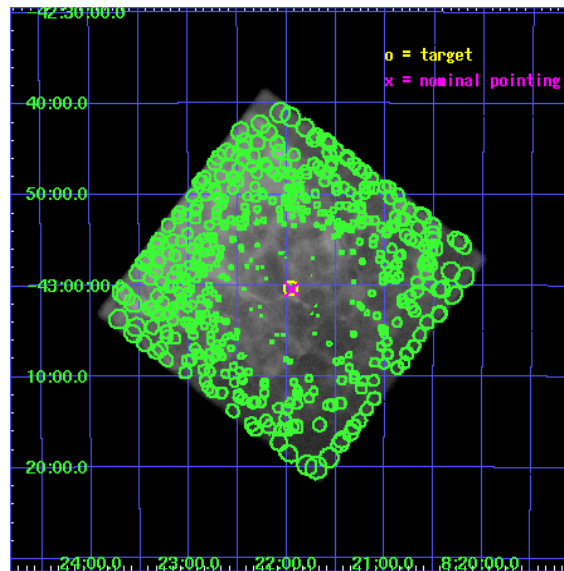
L2 Processing Date : Nov 24 2007

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# 1 Front

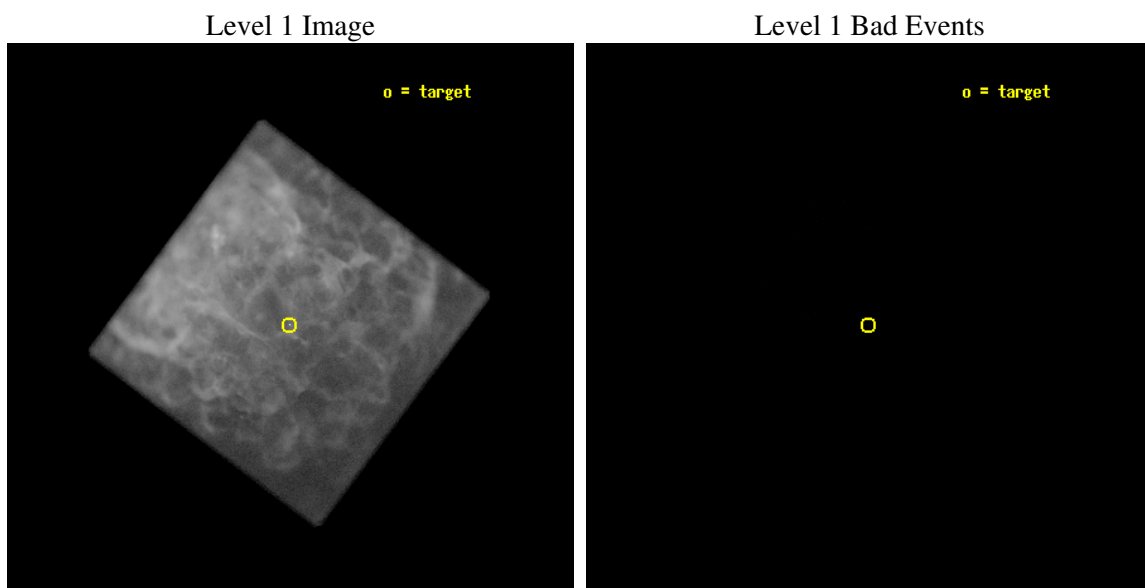
seq_num	500437
obs_id	4612
title	MEASURING NEUTRON STAR RECOIL FROM A SUPERNOVA: A UNIQUE OPPORTUNITY IN PUPPIS A
observer	DR P. WINKLER
object	RXJ0822-4300
ra_targ	125.489583
dec_targ	-43.004361
ra_nom	125.48667353102
dec_nom	-43.007909715815
roll_nom	261.93212572923
revision	4
ontime	40164.883077174
livetime	21409.816707898
l2events	6548461



## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



### 2.1.2 Parameters

obi_num	0
ascdsver	7.6.11.2
caldbver	3.4.1
date	2007-11-24T14:02:49
revision	4

sched_exp_time	40000.000000
ontime	40164.883077174
l1events	7515871

### 2.1.3 Events

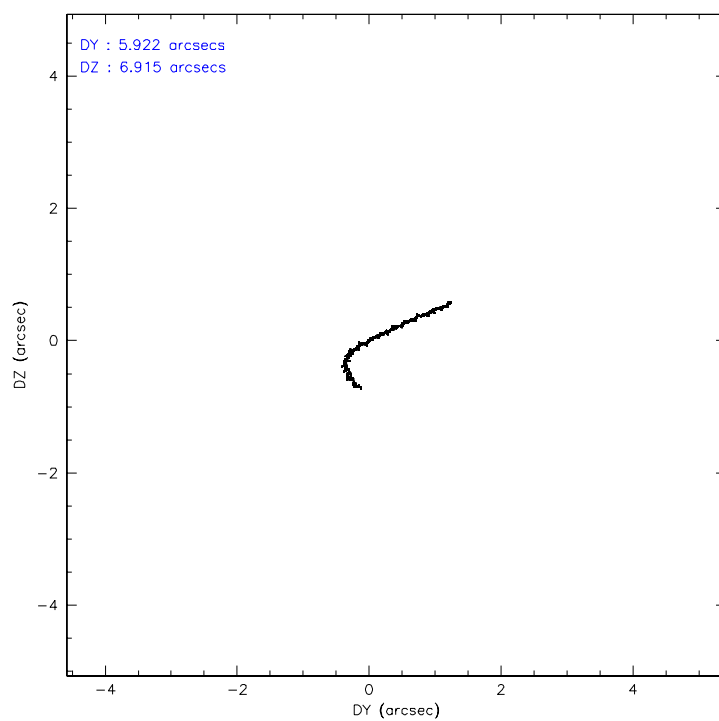
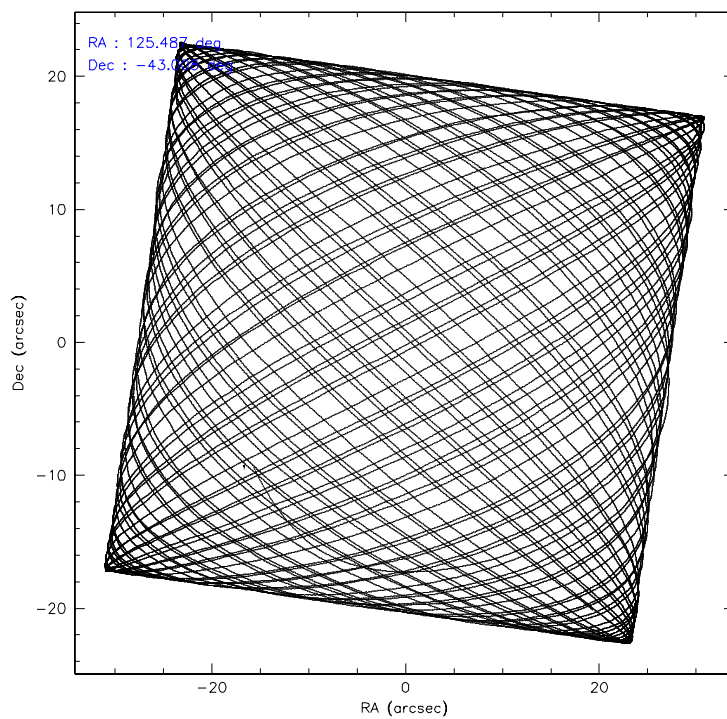
#### Level 1 Events

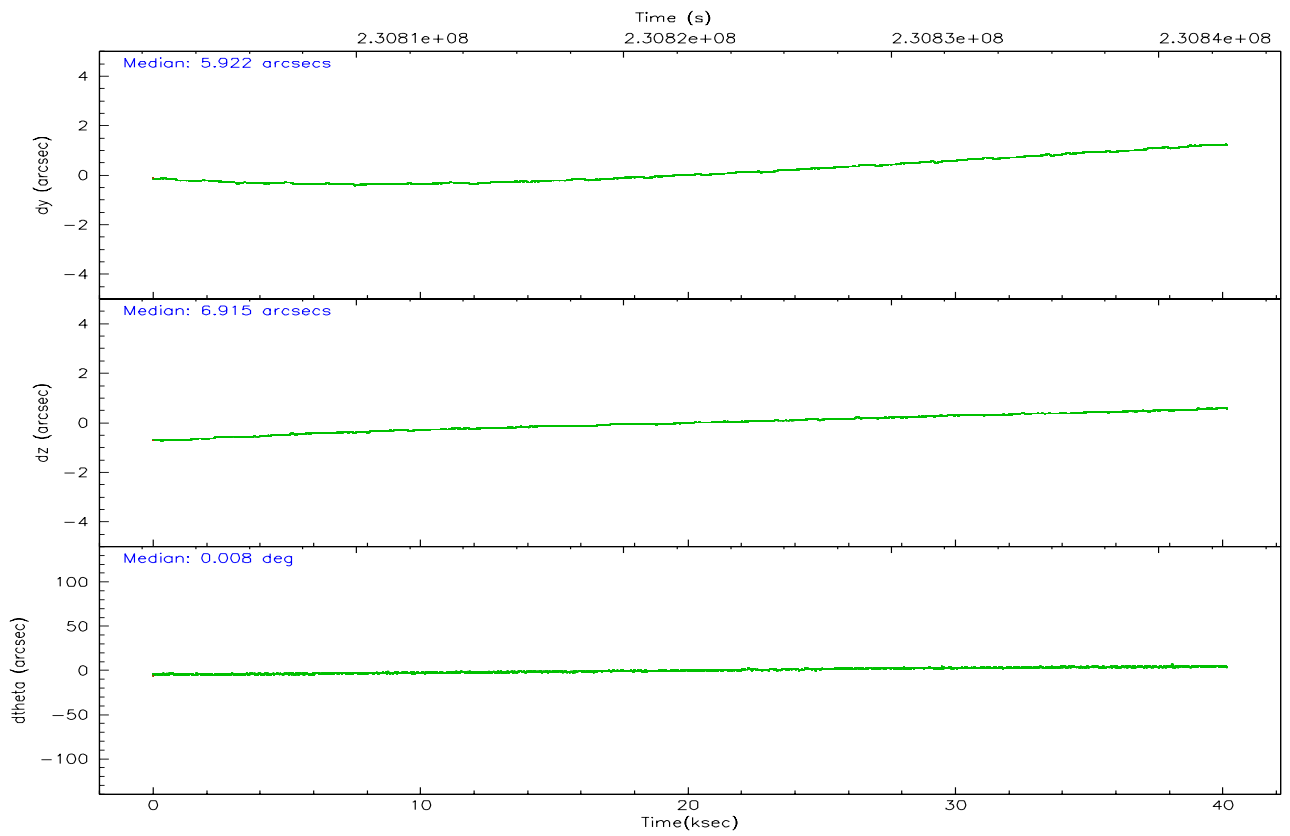
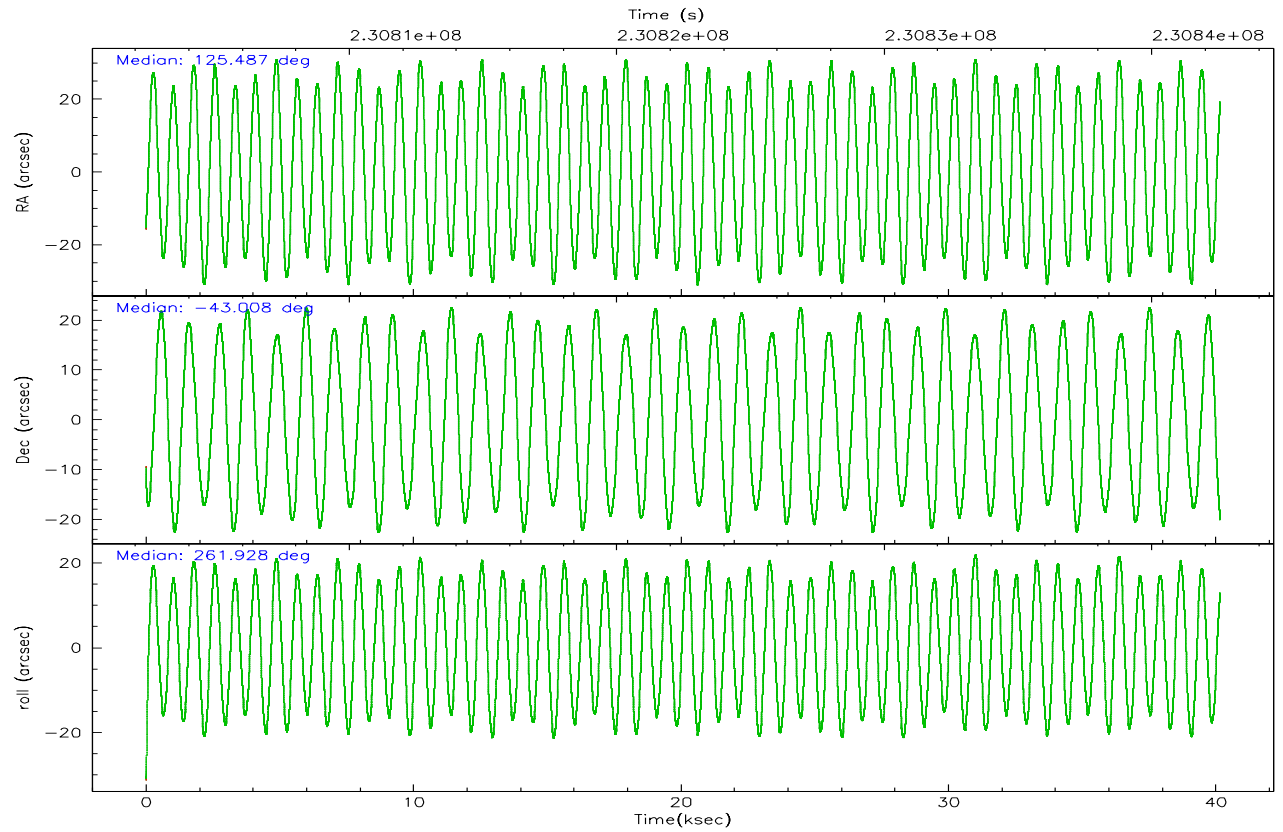
	<b>segment 0</b>
level 1 events	7515871
rejected events	109861
rejected %	1%

## 2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	6	6
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			
Pointing RA	125.472035	125.4866735310217			
Pointing Dec	-42.983042	-43.00790971581534			
Pointing Roll	262.017638	261.9321257292333			
SIM focus pos (mm)	-1.040293	-1.038866356238299			
SIM defocus (mm)	0	0.001426264420575141			
SIM translation stage pos (mm)	126.985494	126.9854943052878			
SIM translation stage offset (mm)	0	-5.413686238853188e-06			
Observation start time	230802559.184000	230801673.38426			
Observation start date	2005-04-25T07:48:15	2005-04-25T07:34:33			
Observation end time	230842559.184000	230843253.53615			
Observation end date	2005-04-25T18:54:55	2005-04-25T19:07:33			

## 2.3 Aspect





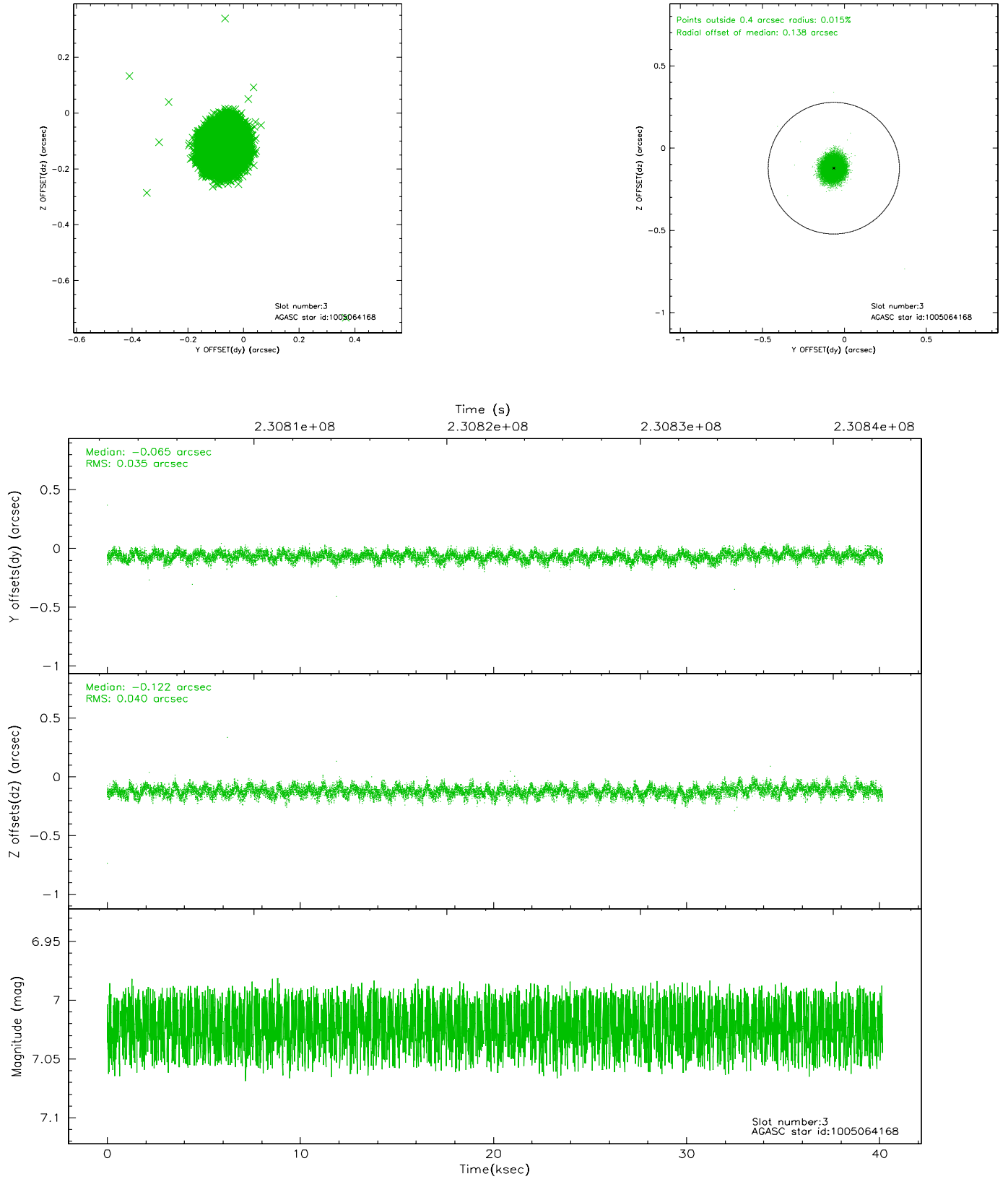
### Slot Statistics

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

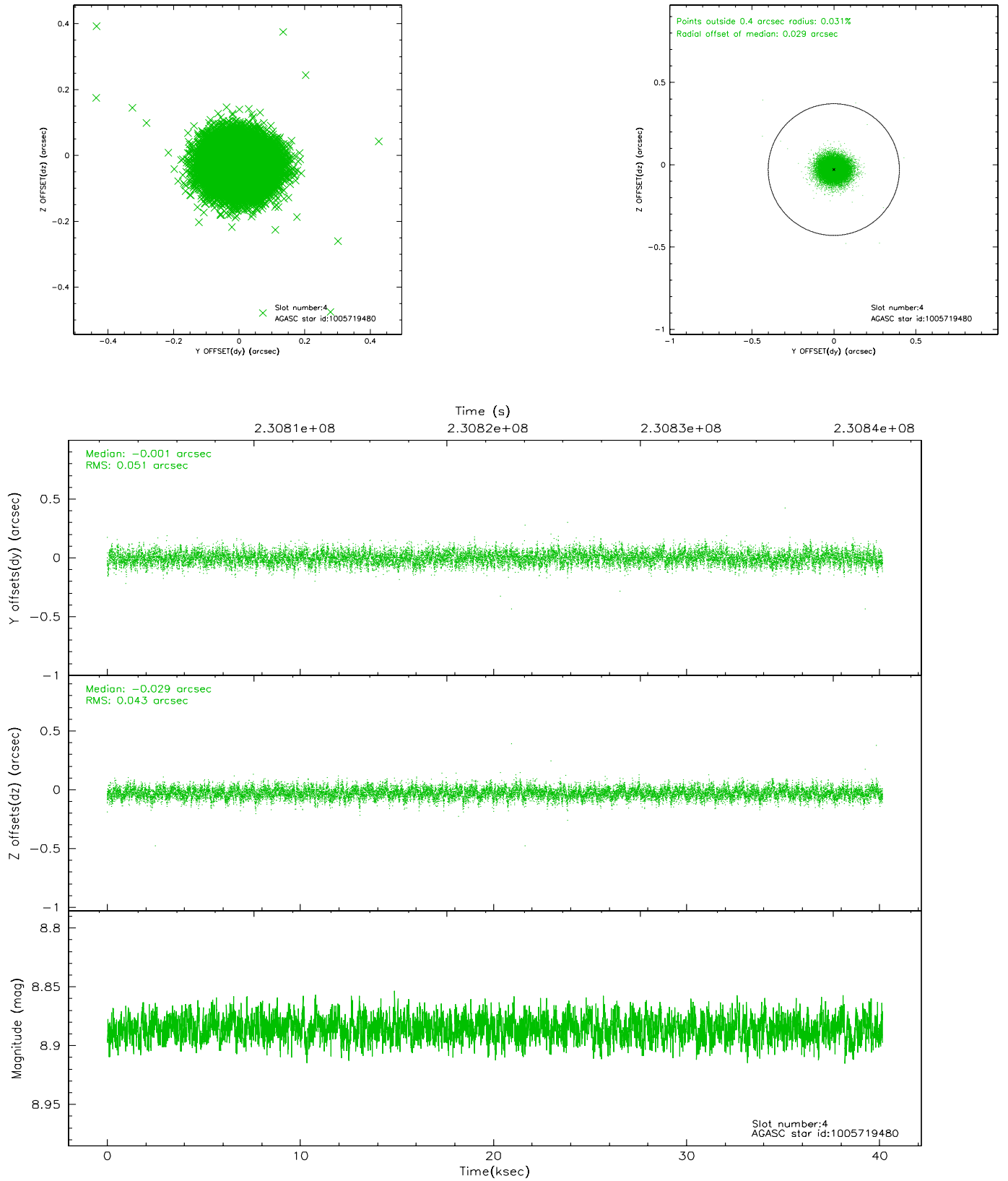


## 2.4 Star Slots

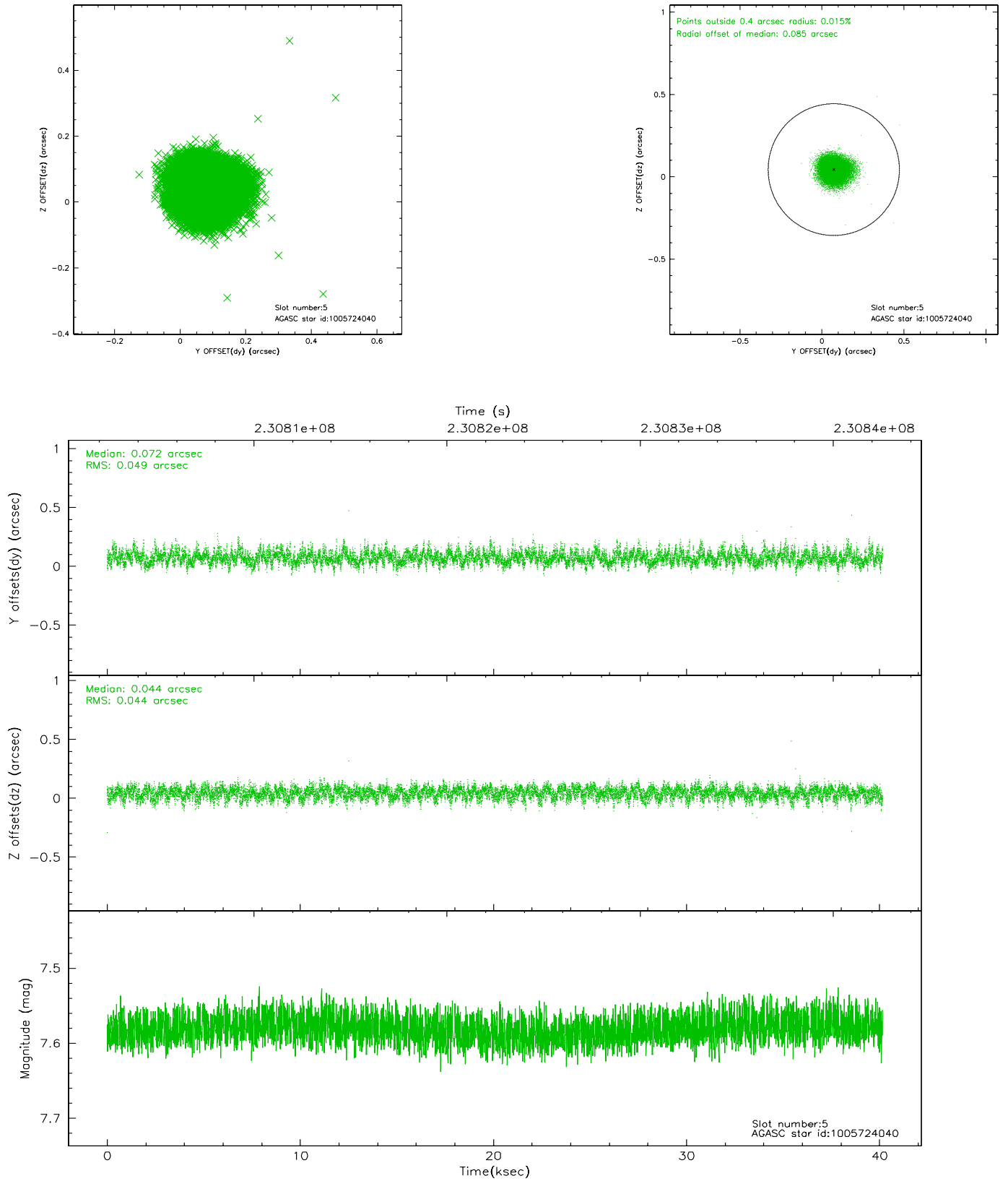
### 2.4.1 Slot 3



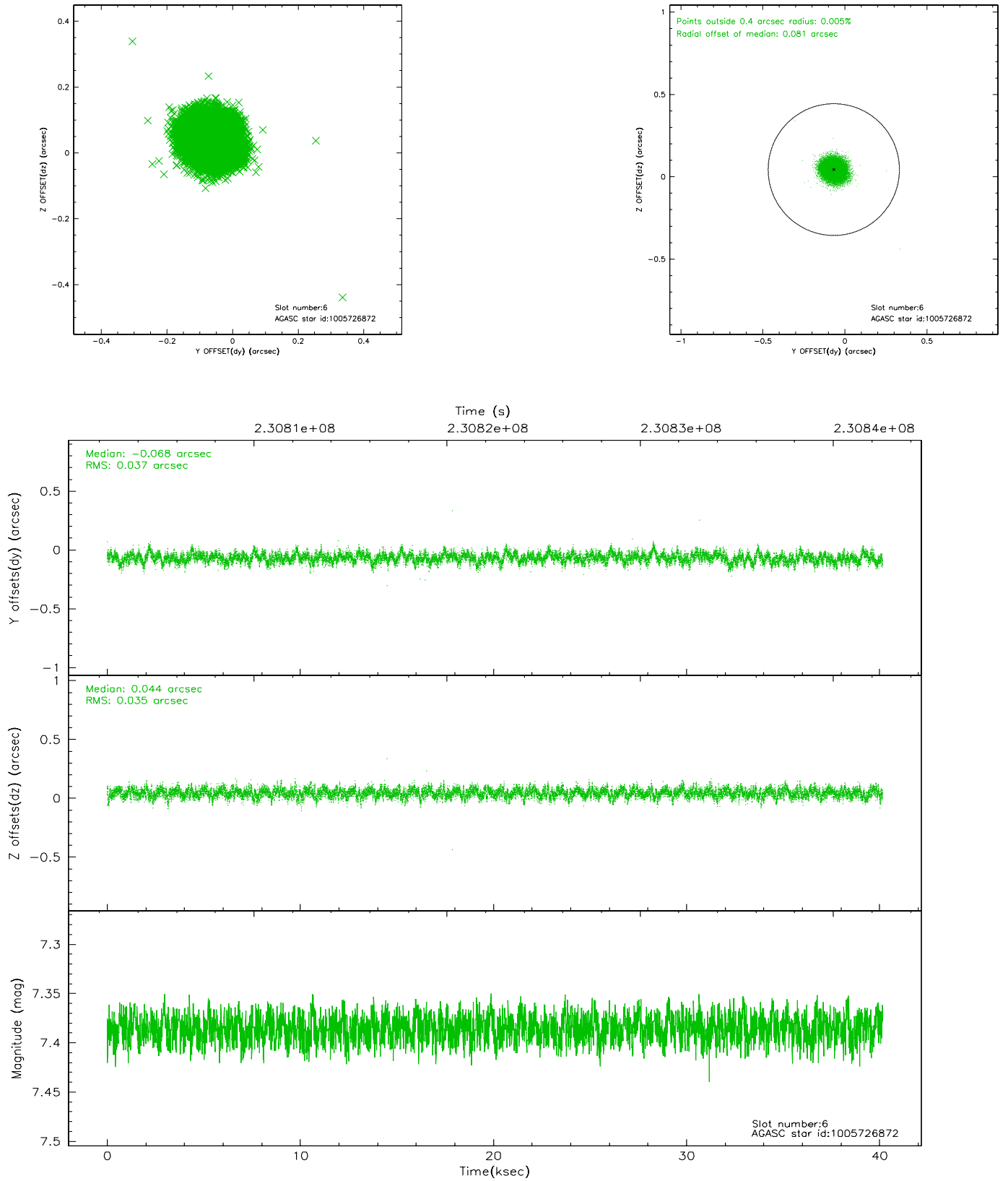
## 2.4.2 Slot 4



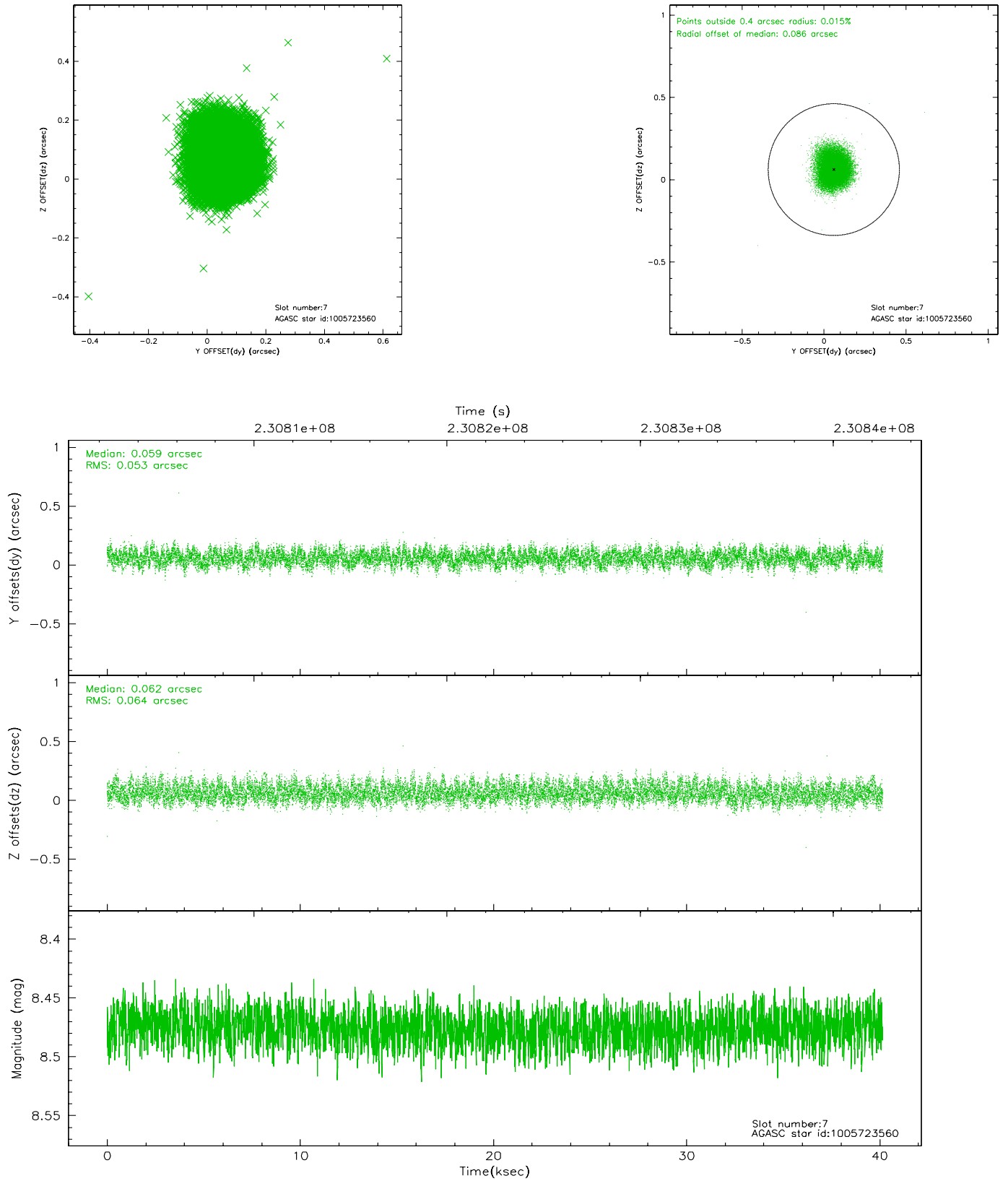
### 2.4.3 Slot 5



## 2.4.4 Slot 6

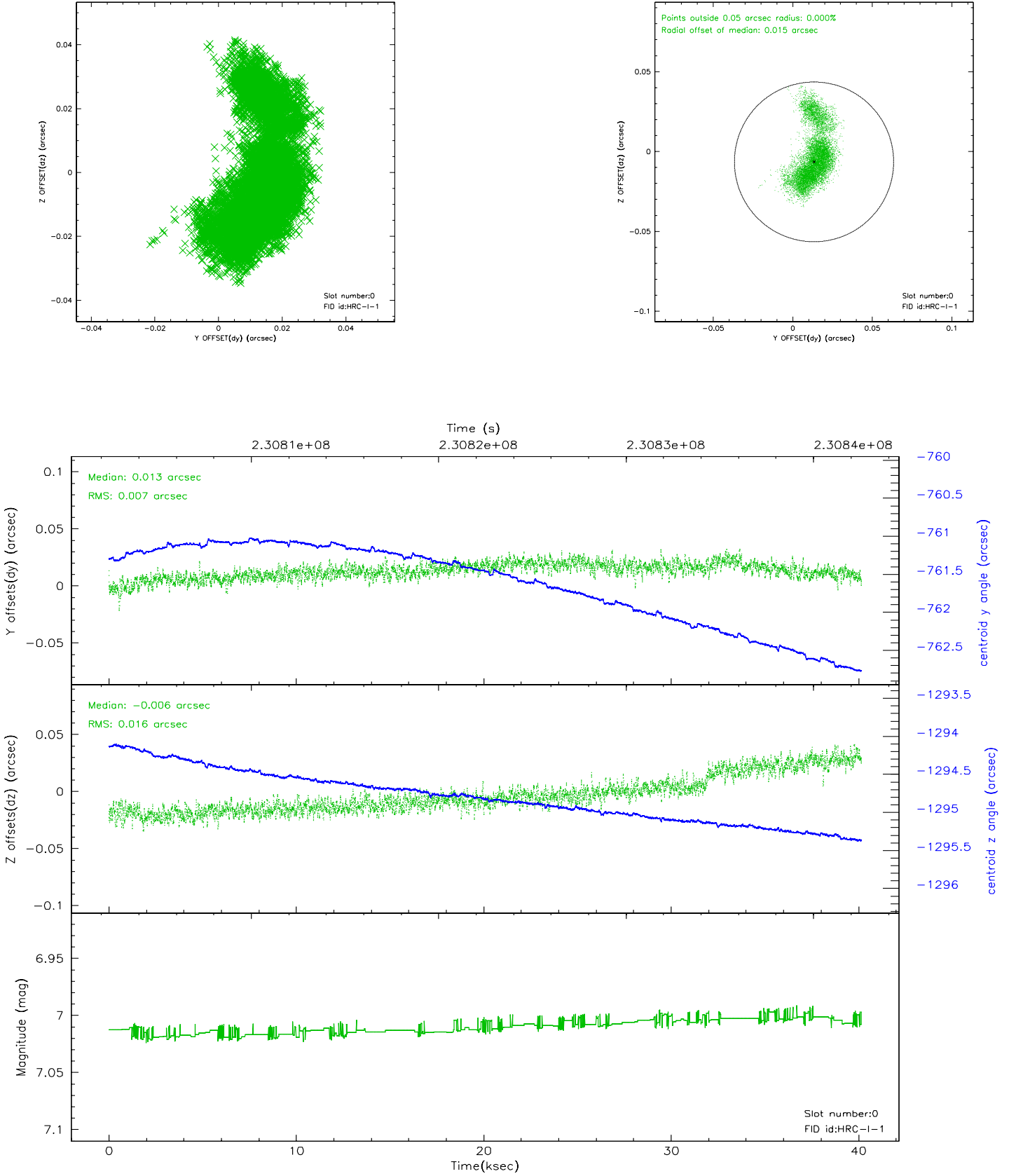


## 2.4.5 Slot 7

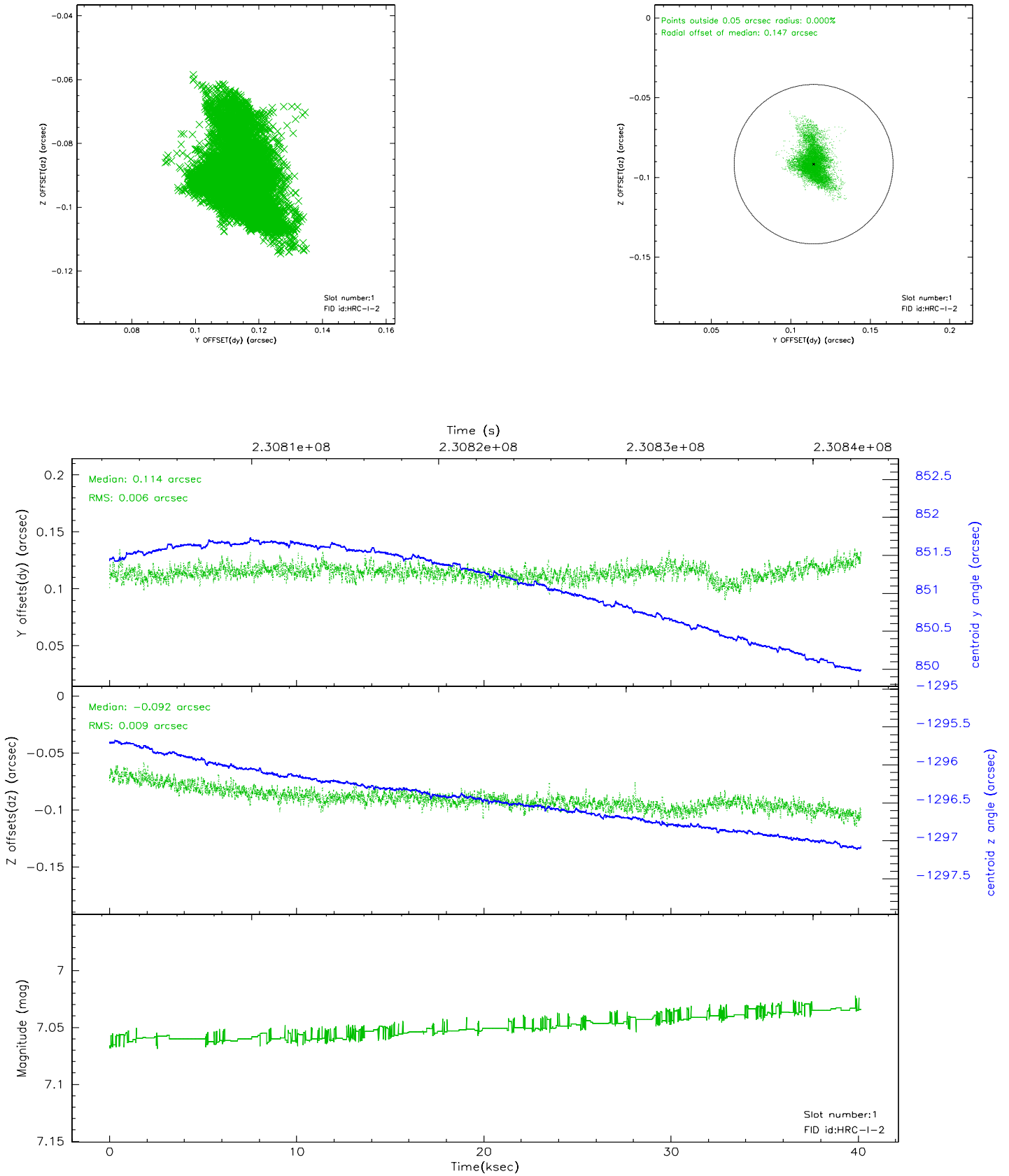


## 2.5 FID Slots

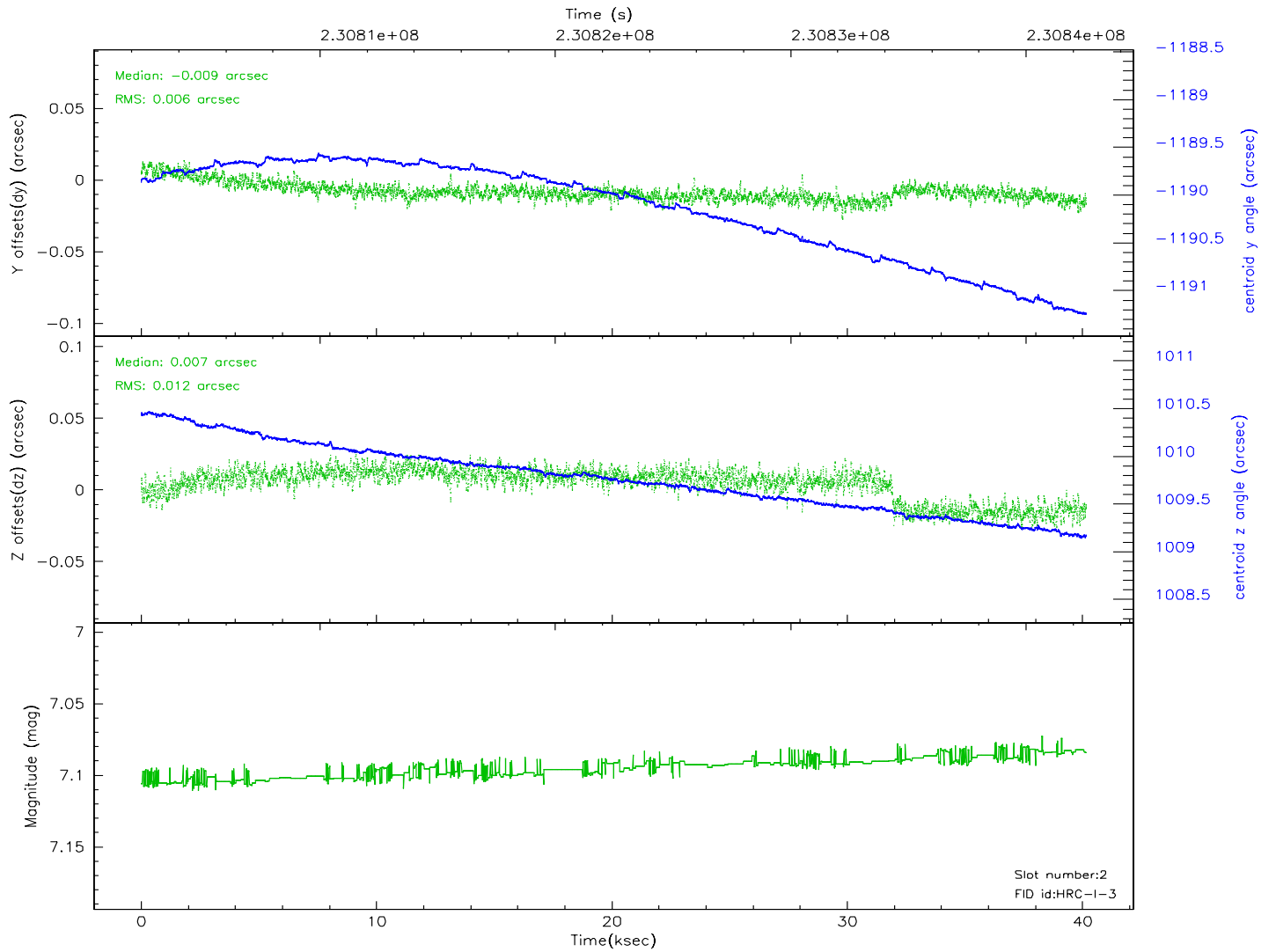
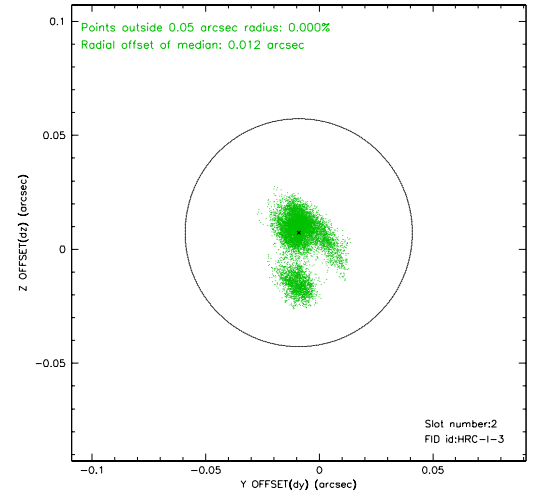
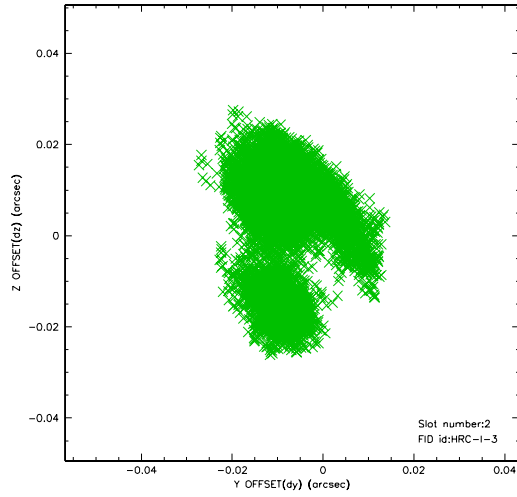
### 2.5.1 Slot 0



## 2.5.2 Slot 1

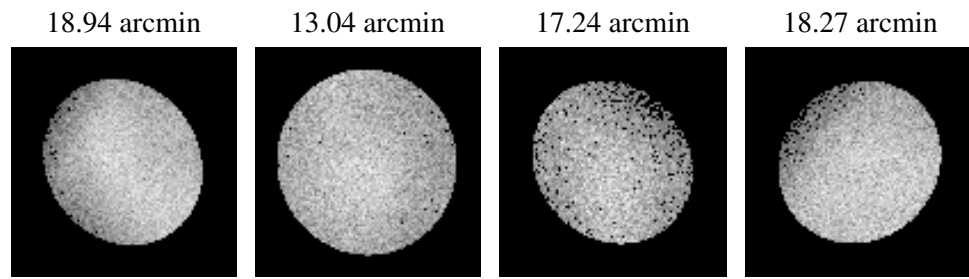


### 2.5.3 Slot 2





### 3 Point Sources



# A Summary

## A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2007.12.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	40.16488

## A.2 Comments

The current observation has been reprocessed as part of Repro III ('C' supplement) the purpose of which is to update all HRC-I ObsIDs since Jan 2000 to the latest calibrations available for that configuration. Specifically, we are updating the DEGAP solution and the Gain Maps applied. For more information see the Repro IIIC web page at:

<http://asc.harvard.edu/cda/repro3.html#IIIC>

and the associated links.