

# V&V Reference Report

## L2 ASCDS Version : 7.6.7.1

Observation 6195 - L2 Version 3  
Chandra X-Ray Center

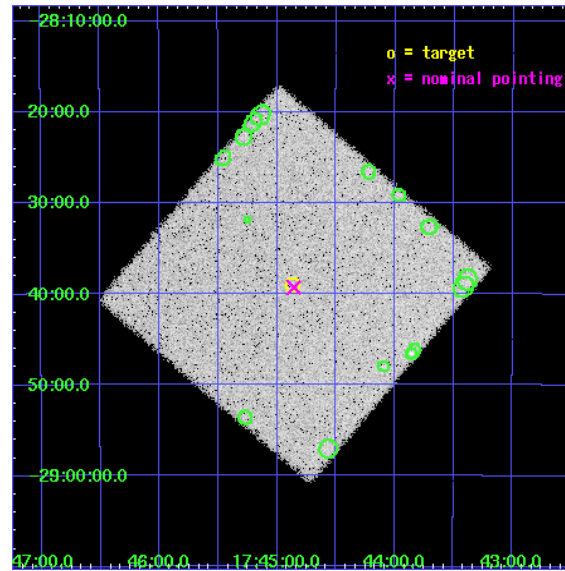
L2 Processing Date : Nov 24 2007

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# 1 Front

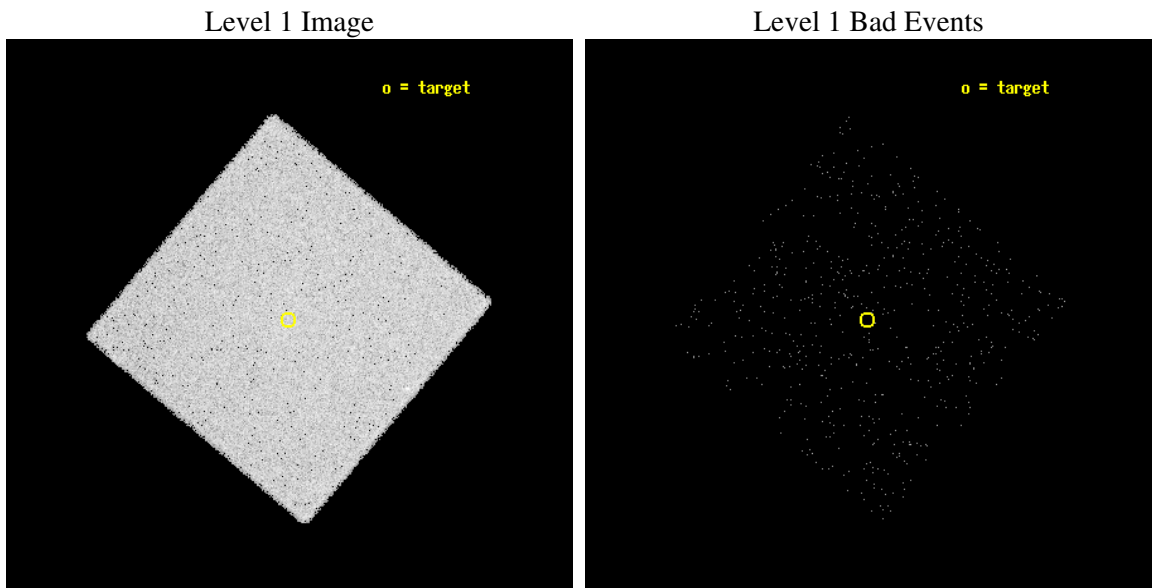
seq_num	400455
obs_id	6195
title	Monitoring observations of the Galactic Center region
observer	Dr. Rudy Wijnands
object	GC-7
ra_targ	266.21625
dec_targ	-28.651389
ra_nom	266.2141602222
dec_nom	-28.655058747923
roll_nom	265.3192686228
revision	3
ontime	4390.3314422965
livetime	4357.6377697135
l2events	178349



## 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	2007-11-24T20:03:32
revision	3

sched_exp_time	4200.000000
ontime	4390.3314522803
l1events	283981

### 2.1.3 Events

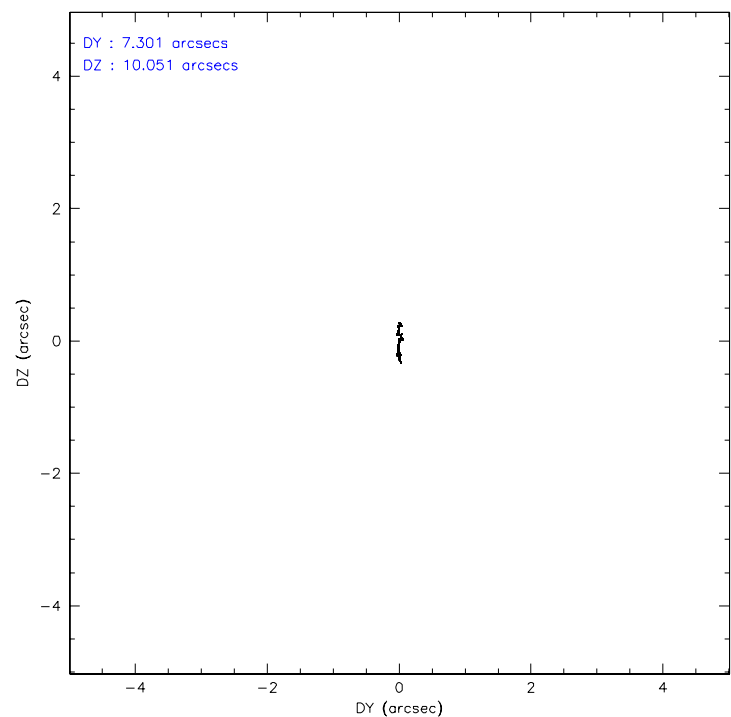
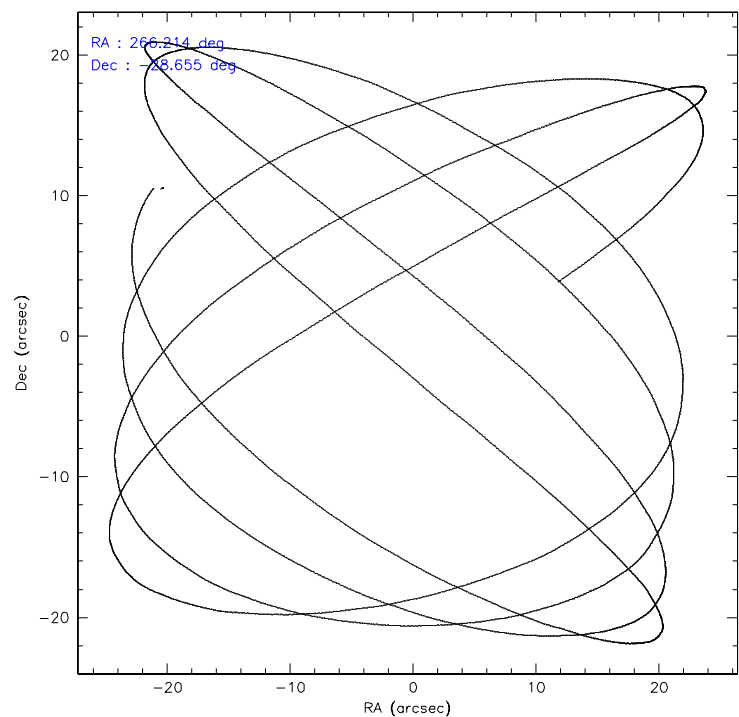
#### Level 1 Events

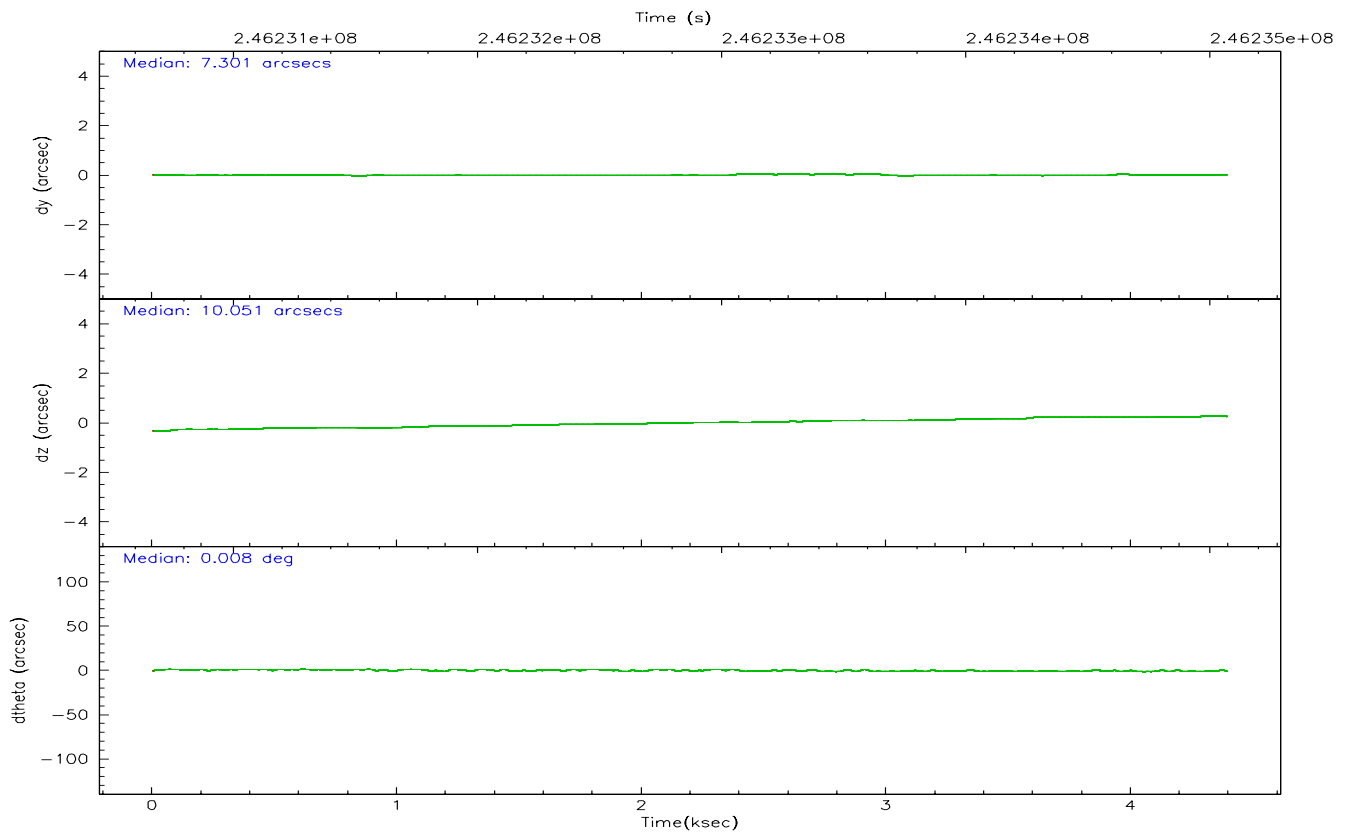
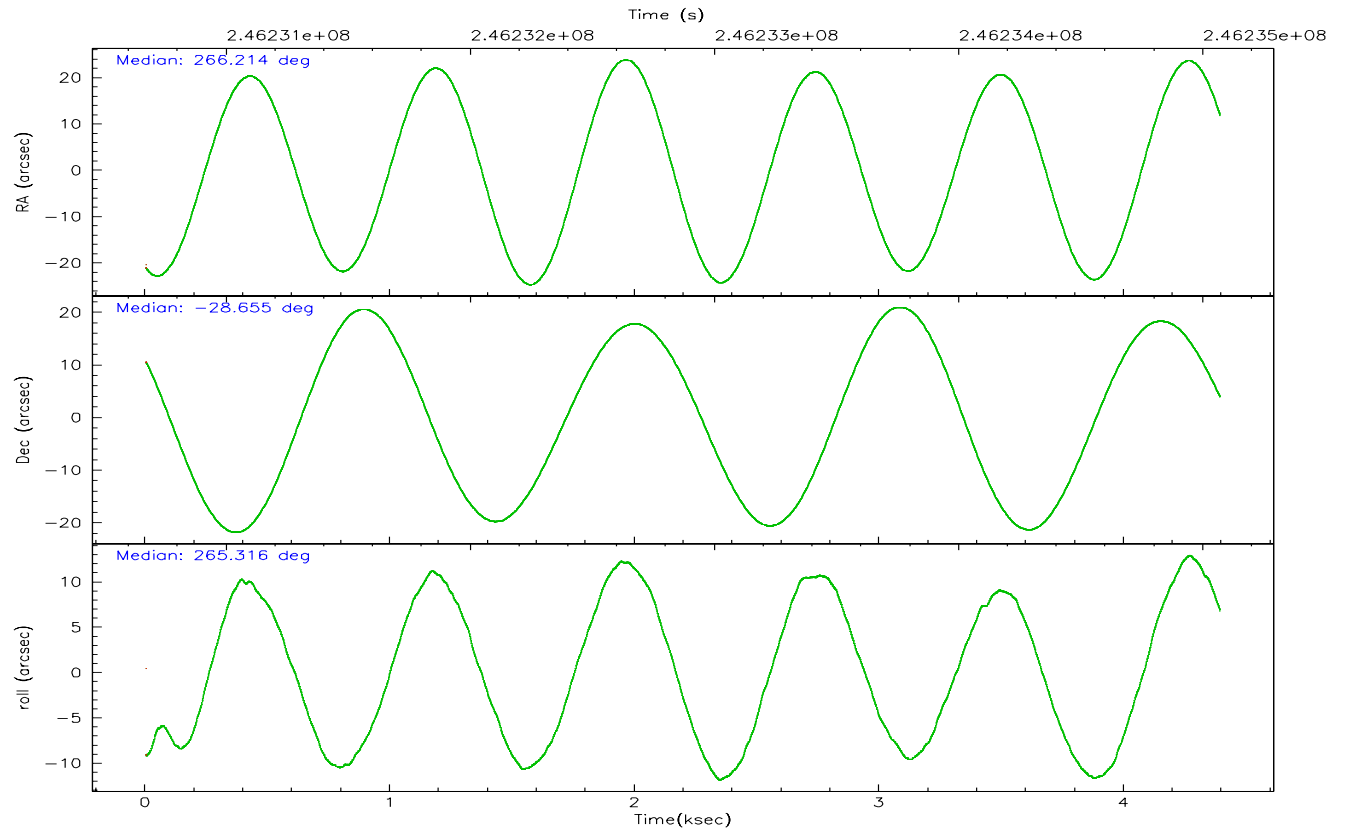
	<b>segment 0</b>
level 1 events	283981
rejected events	19021
rejected %	6%

## 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	266.200211	266.2141602221989			
Pointing Dec	-28.630862	-28.65505874792326			
Pointing Roll	265.408086	265.3192686228048			
SIM focus pos (mm)	-1.040293	-1.038866356238299			
SIM defocus (mm)	0	0.001426264420575141			
SIM translation stage pos (mm)	126.985494	126.9829799899862			
SIM translation stage offset (mm)	0	0.002508901615314585			
Observation start time	246230868.184000	246230492.22811			
Observation start date	2005-10-20T21:26:44	2005-10-20T21:21:32			
Observation end time	246235068.184000	246235202.10333			
Observation end date	2005-10-20T22:36:44	2005-10-20T22:40:02			

2.3 Aspect





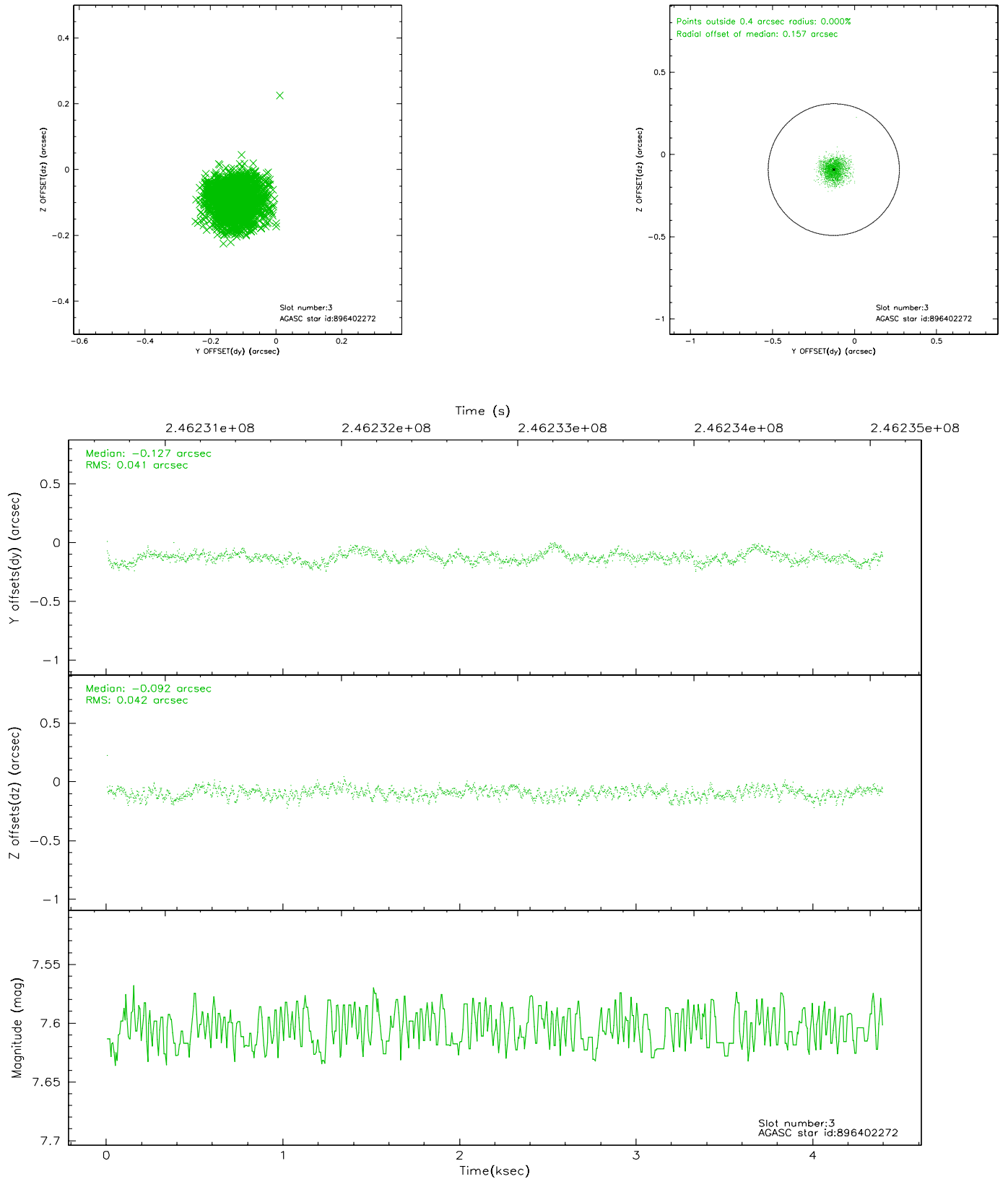
### Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.00	1072	-0.025	0.023	0.011	0.018	0.000000	0.000000	-762.91	-1297.96
1	FID	HRC-I-2	7.04	1072	0.122	-0.063	0.009	0.015	0.000000	0.000000	849.15	-1300.82
2	FID	HRC-I-3	7.09	1072	0.021	-0.050	0.008	0.013	0.000000	0.000000	-1190.57	1005.32
3	GUIDE	896402272	7.60	2143	-0.127	-0.092	0.063	0.101	265.637294	-28.313189	-992.68	-1870.03
4	GUIDE	896534128	8.70	2138	0.022	0.158	0.068	0.114	266.503837	-29.080853	1539.29	1081.07
5	GUIDE	896538696	6.72	2138	-0.247	-0.135	0.055	0.088	266.298470	-28.325572	-1119.54	222.46
6	GUIDE	896538920	8.92	2141	0.137	-0.150	0.070	0.115	266.278728	-29.143592	1820.14	393.63
7	GUIDE	896542744	9.41	2135	0.213	0.220	0.106	0.176	266.765496	-29.248460	2079.81	1948.45

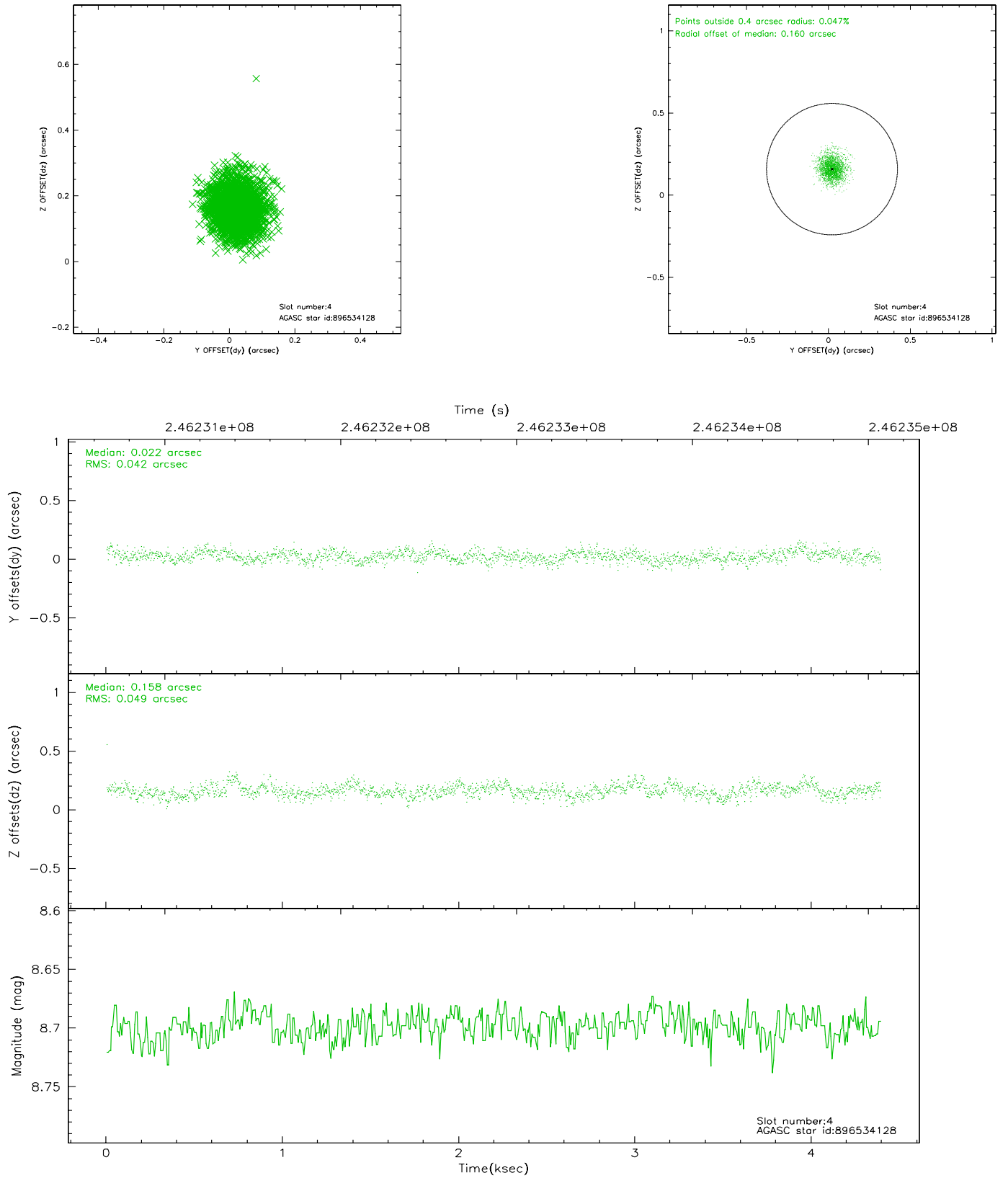


## 2.4 Star Slots

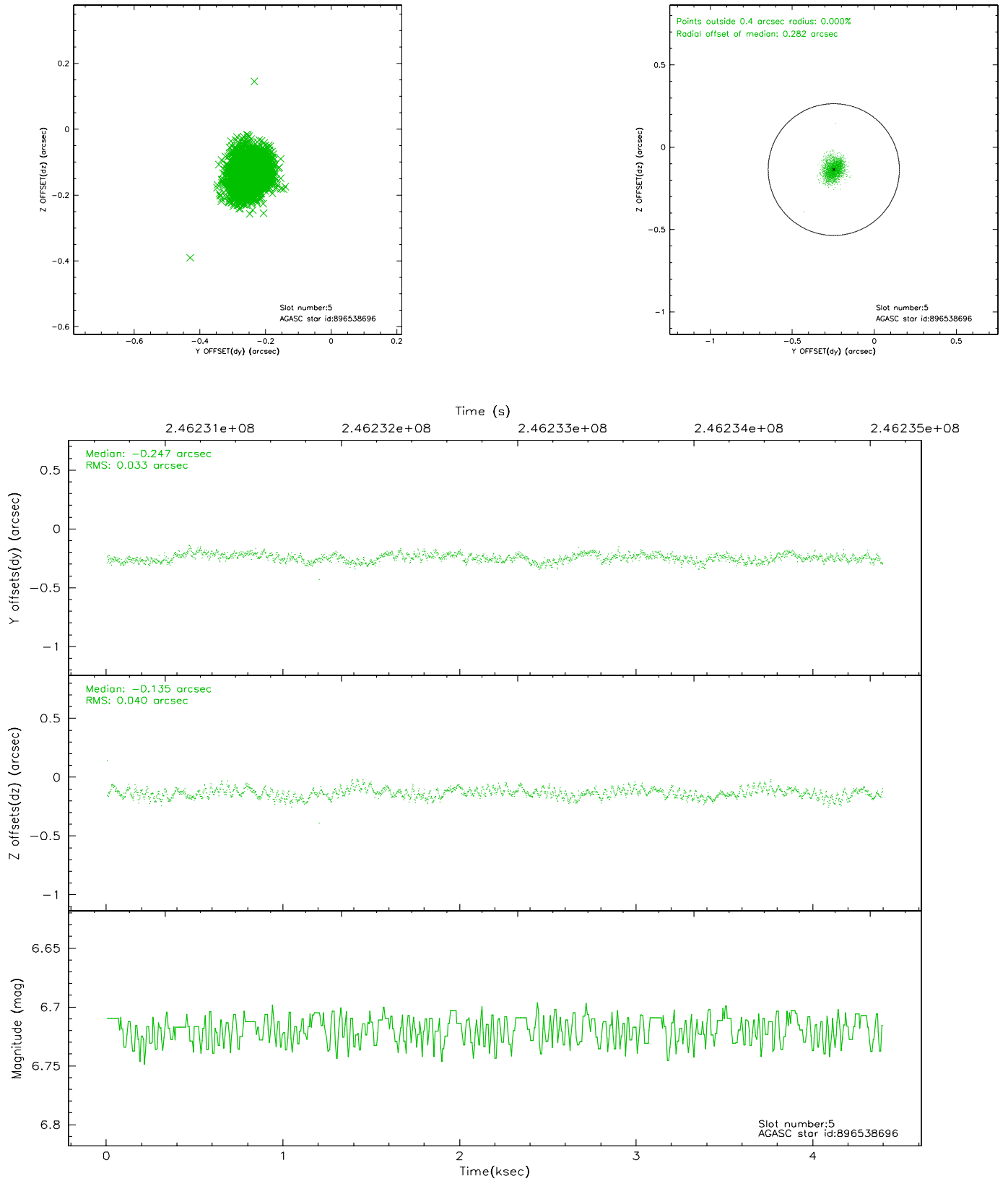
### 2.4.1 Slot 3



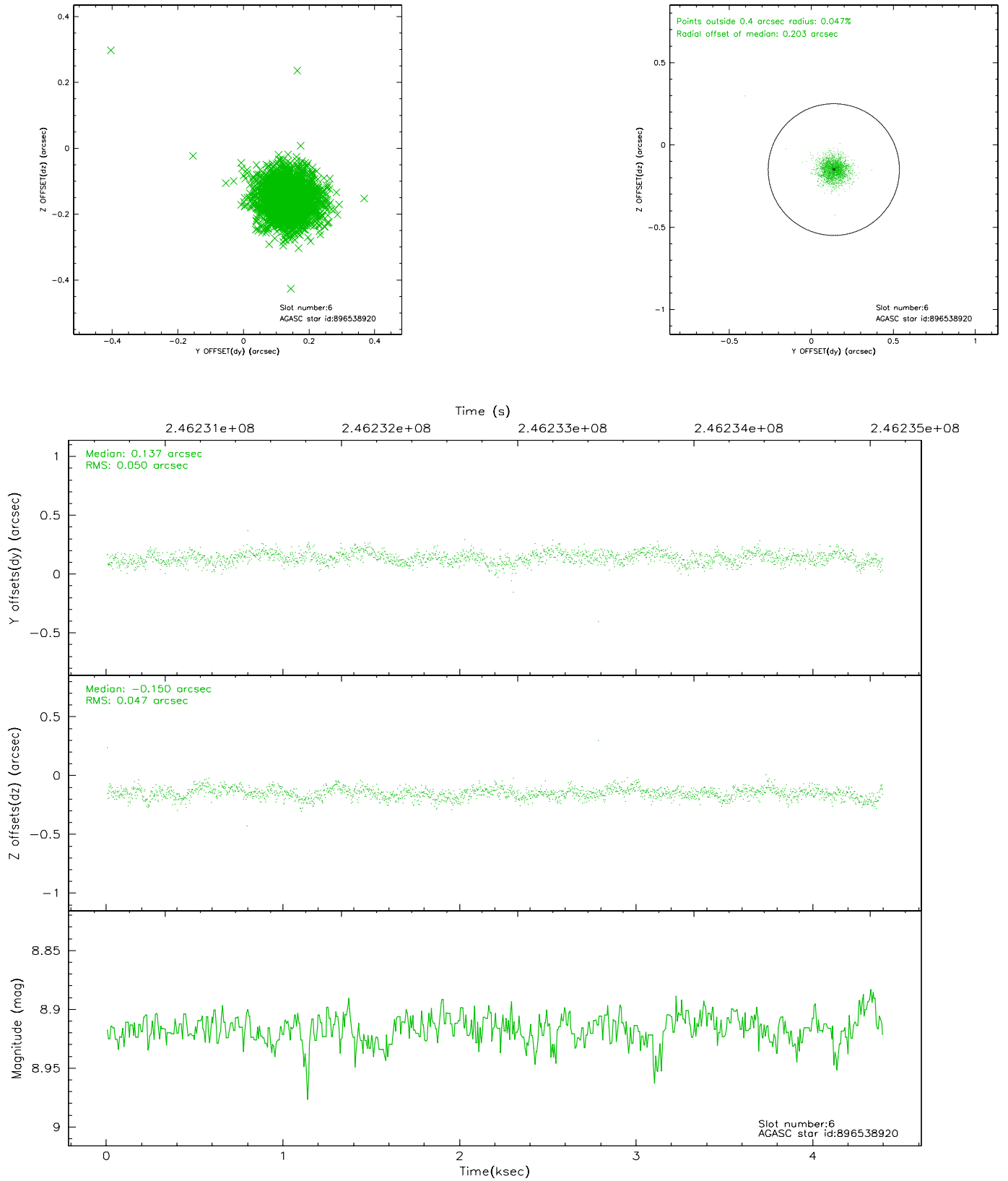
## 2.4.2 Slot 4



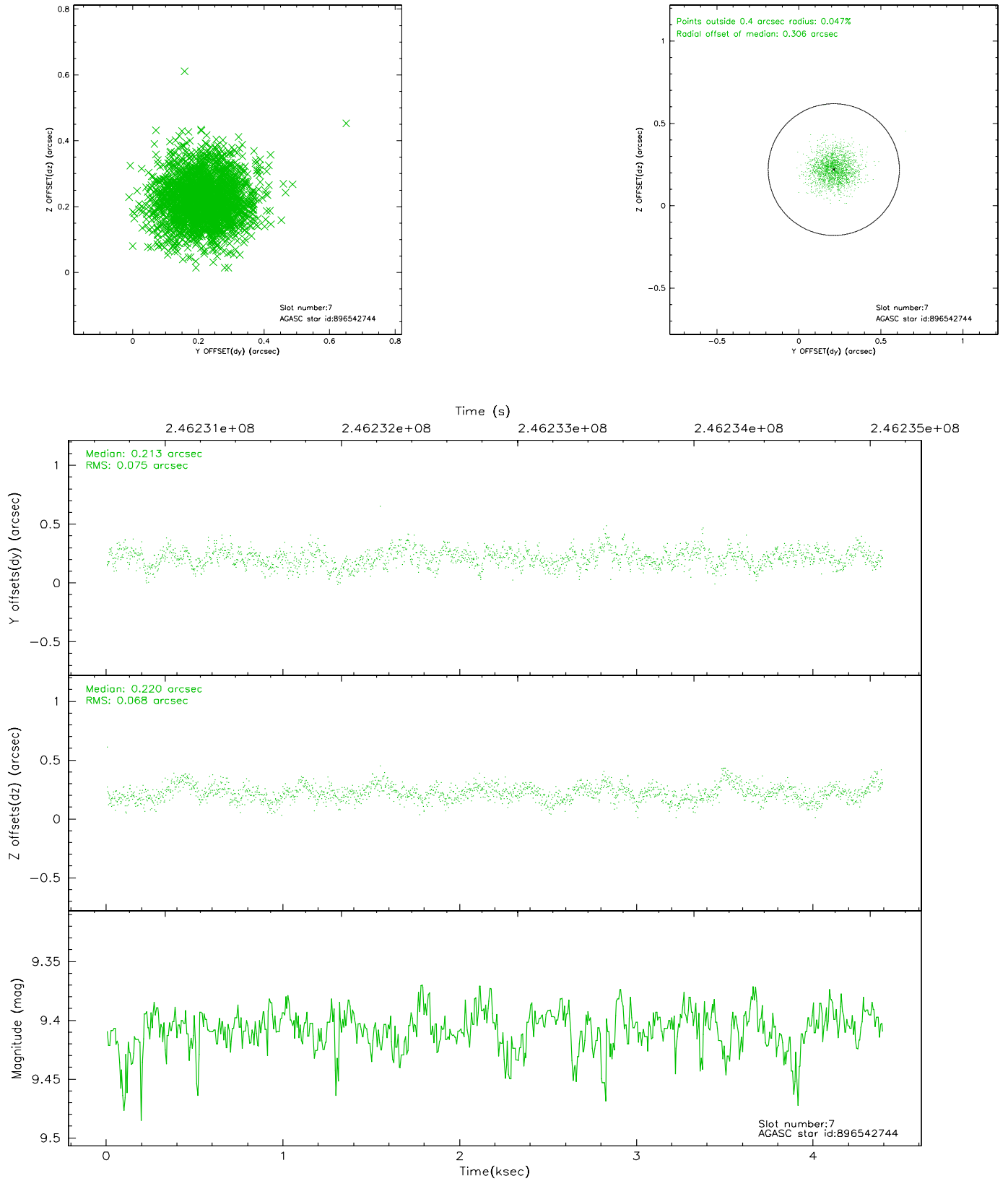
### 2.4.3 Slot 5



## 2.4.4 Slot 6

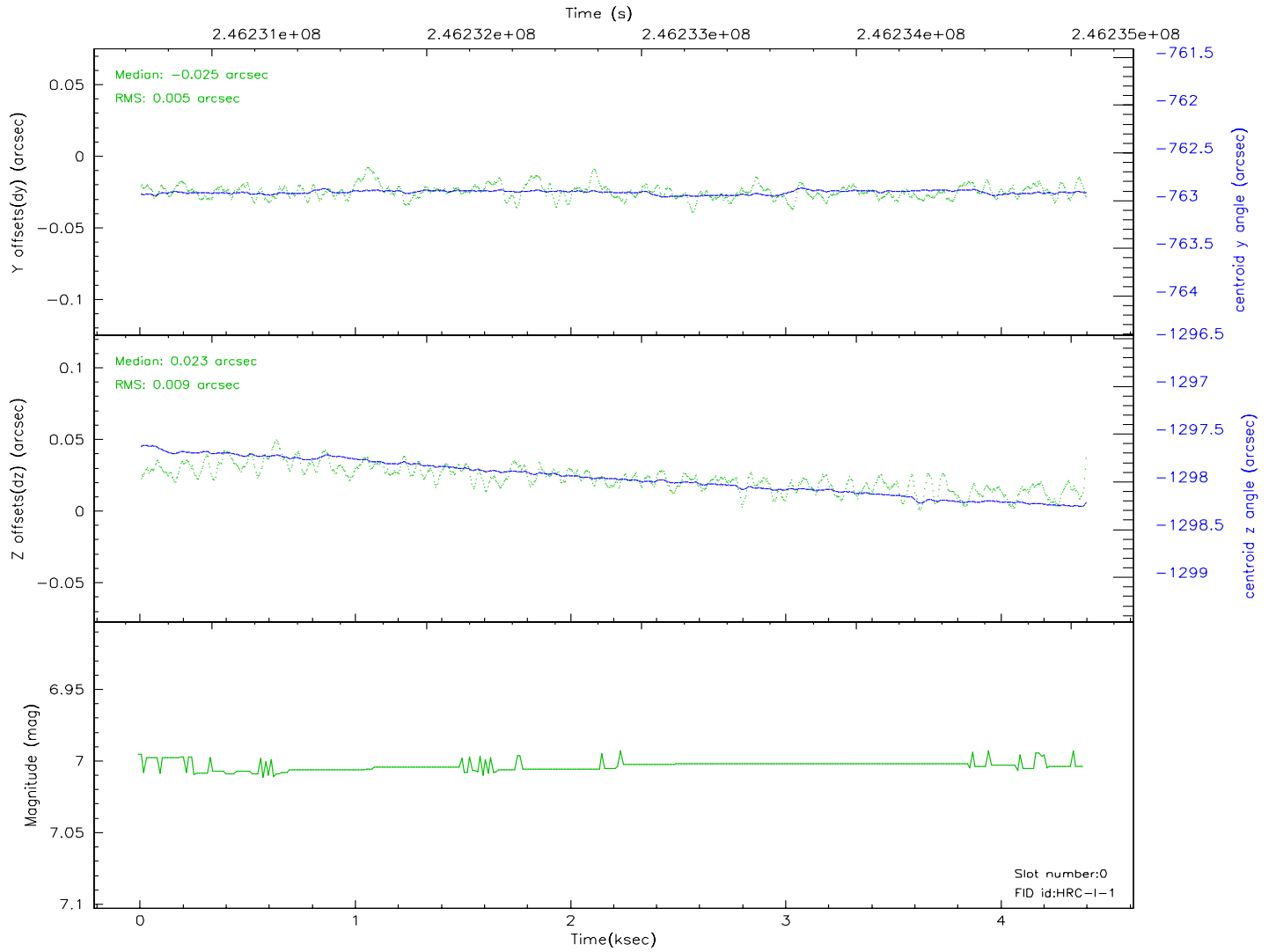
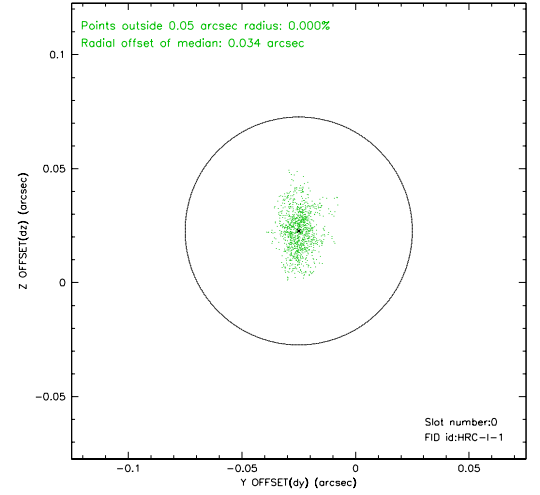
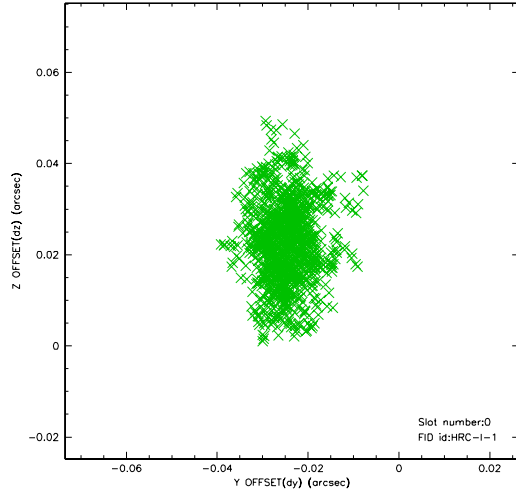


## 2.4.5 Slot 7

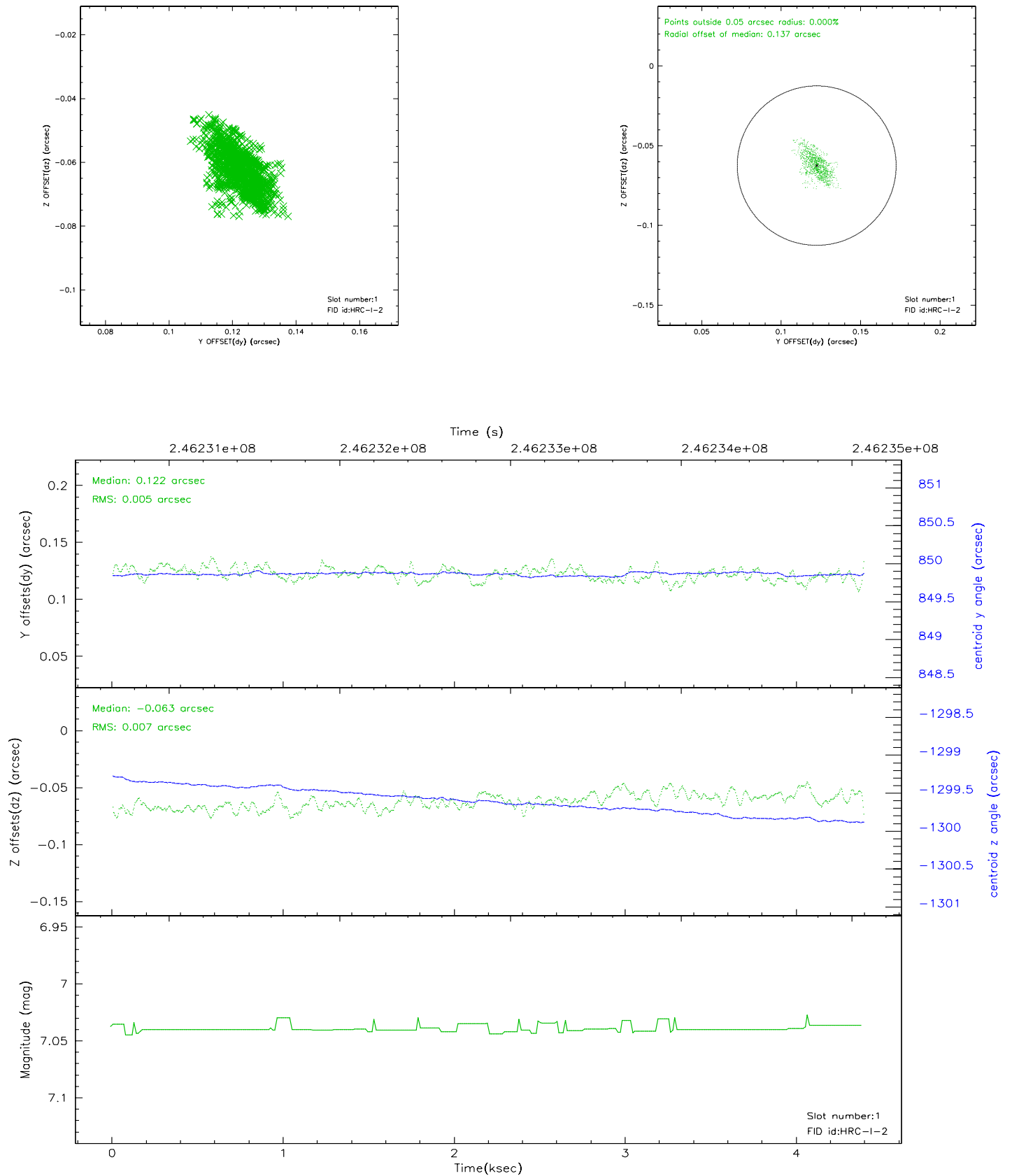


## 2.5 FID Slots

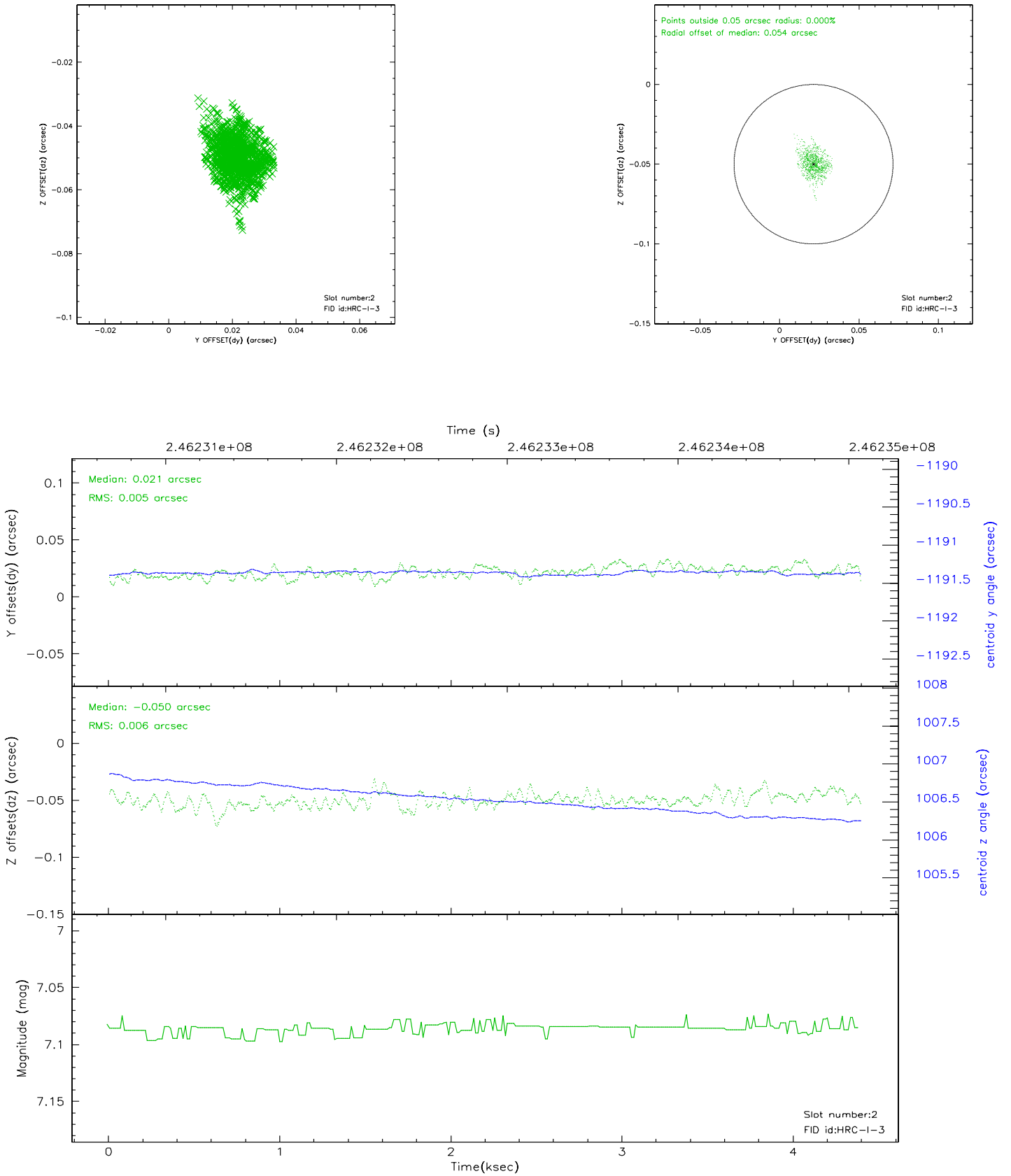
### 2.5.1 Slot 0



## 2.5.2 Slot 1

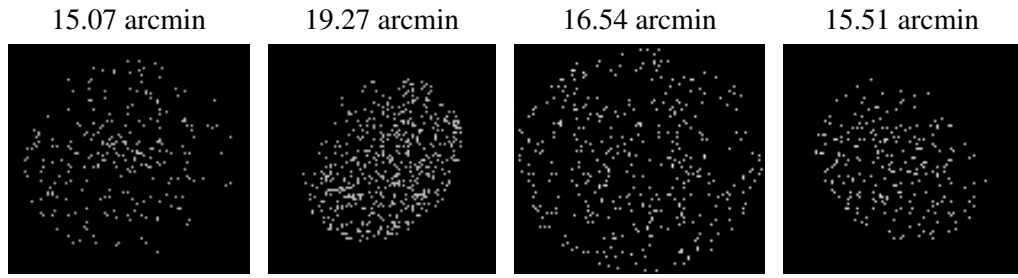


### 2.5.3 Slot 2





### 3 Point Sources



# A Summary

## A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.12.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.390331

## 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.