

# V&V Reference Report

## L2 ASCDS Version : 7.6.7.1

Observation 5926 - L2 Version 3  
Chandra X-Ray Center

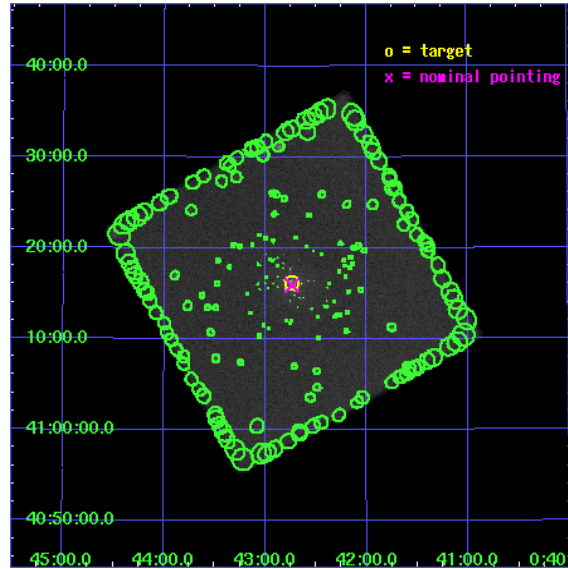
L2 Processing Date : Nov 24 2007

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# 1 Front

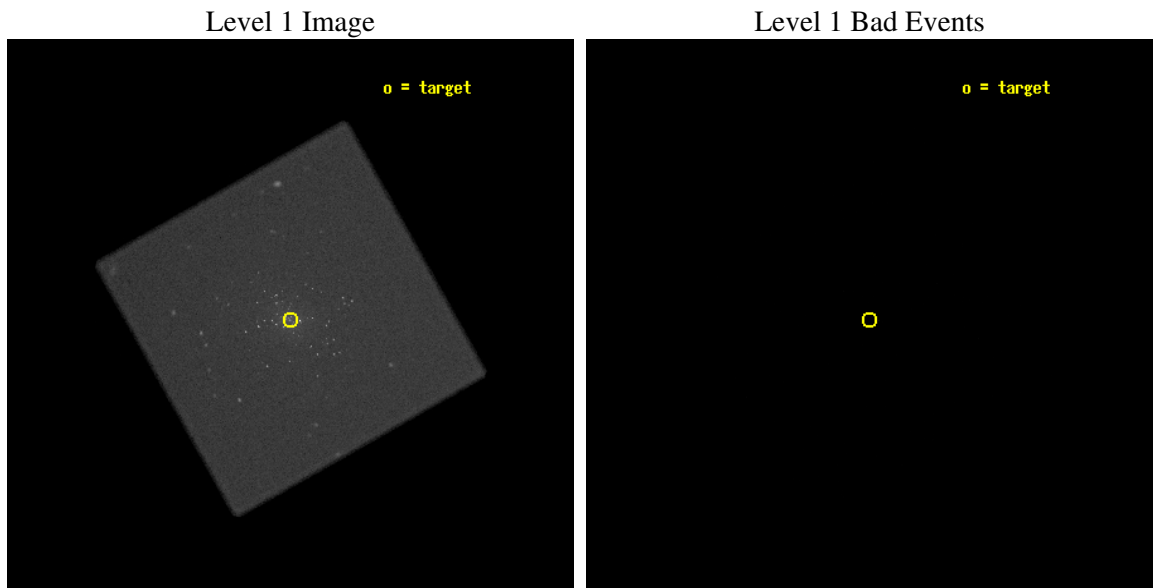
seq_num	600445
obs_id	5926
title	M31* - The Nearest Extra-galactic SuperMassive Black Hole
observer	Dr. MICHAEL GARCIA
object	M31*
ra_targ	10.685
dec_targ	41.268972
ra_nom	10.684329874803
dec_nom	41.264816665036
roll_nom	285.63243267307
revision	3
ontime	28474.50128296
livetime	28267.600335582
l2events	1167176



## 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	2007-11-24T05:08:34
revision	3

sched_exp_time	28300.000000
ontime	28474.50128296
l1events	1774591

### 2.1.3 Events

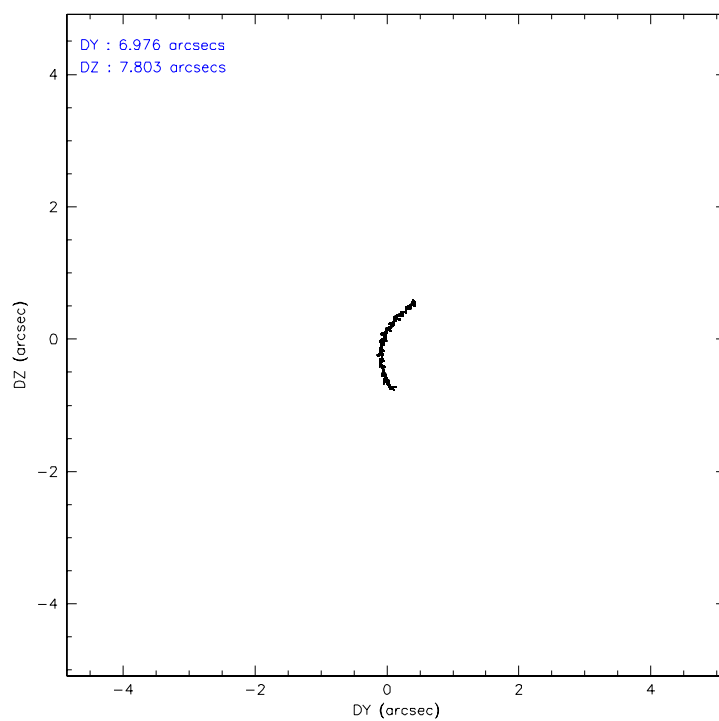
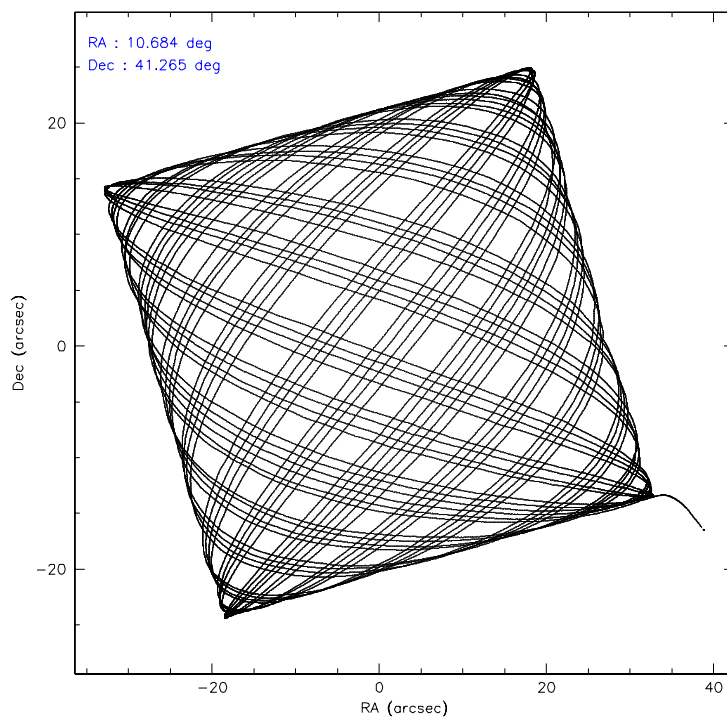
#### Level 1 Events

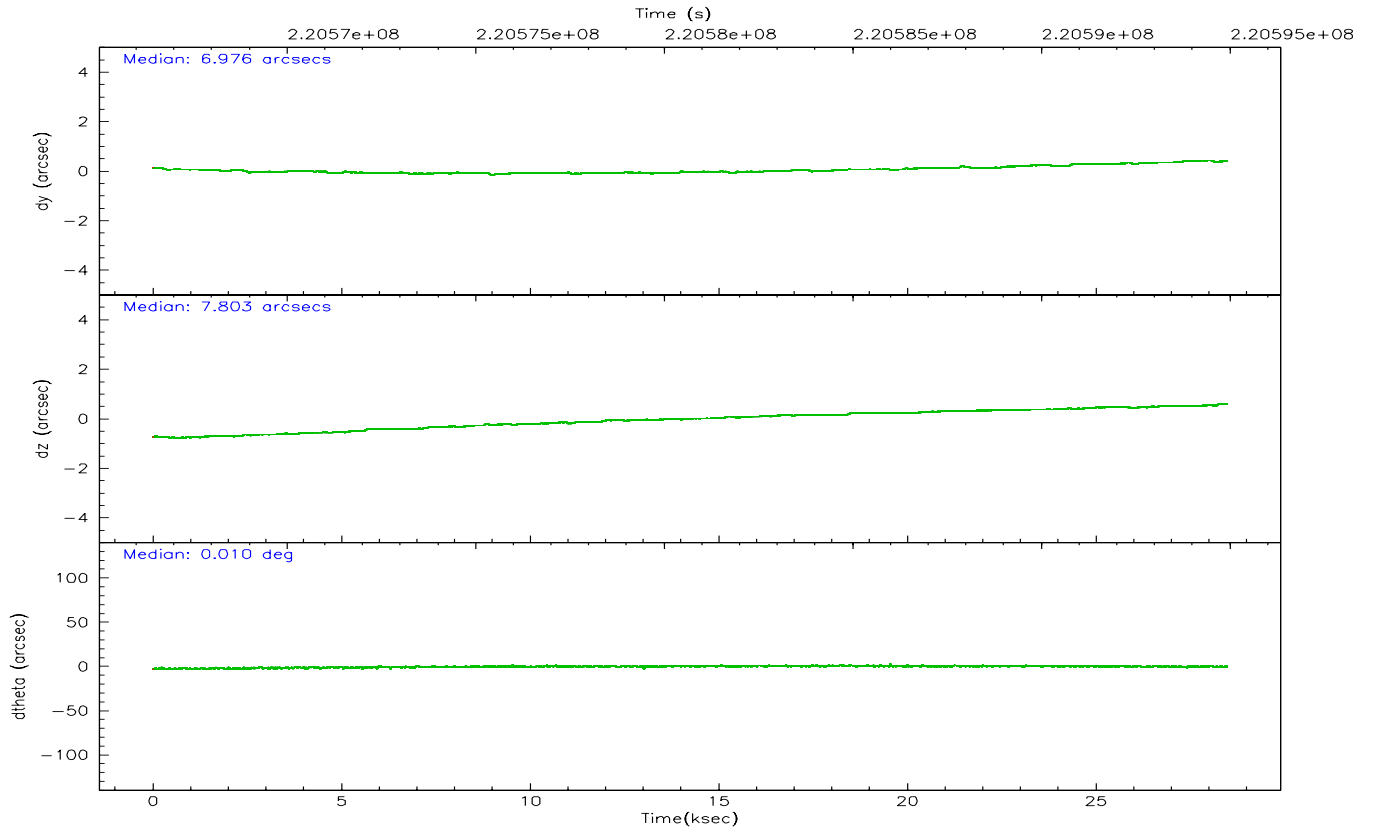
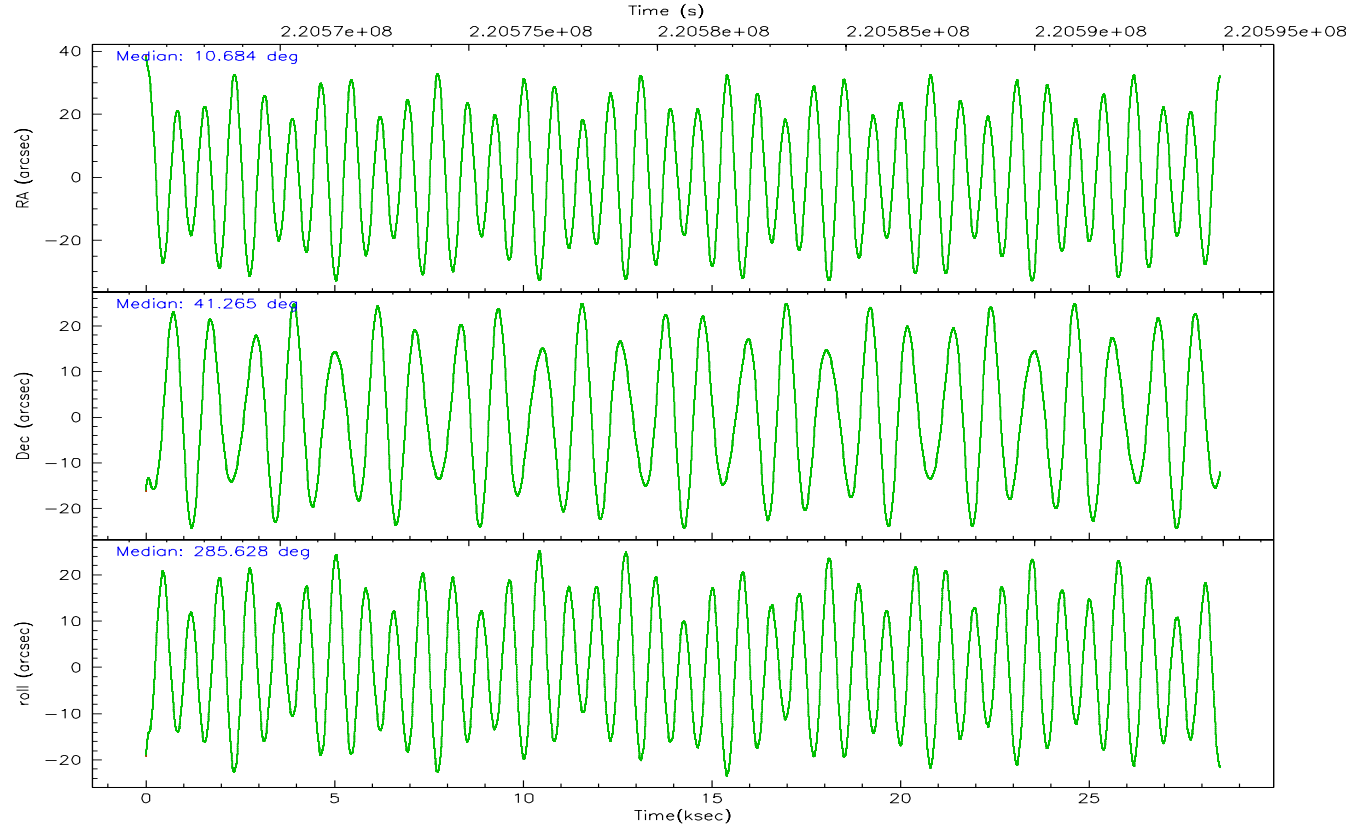
	<b>segment 0</b>
level 1 events	1774591
rejected events	50574
rejected %	2%

## 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	10.657967	10.68432987480276			
Pointing Dec	41.283329	41.26481666503578			
Pointing Roll	285.745315	285.6324326730696			
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	220566627.184000	220565681.59582			
Observation start date	2004-12-27T20:29:23	2004-12-27T20:14:41			
Observation end time	220594927.184000	220595686.42217			
Observation end date	2004-12-28T04:21:03	2004-12-28T04:34:46			

## 2.3 Aspect





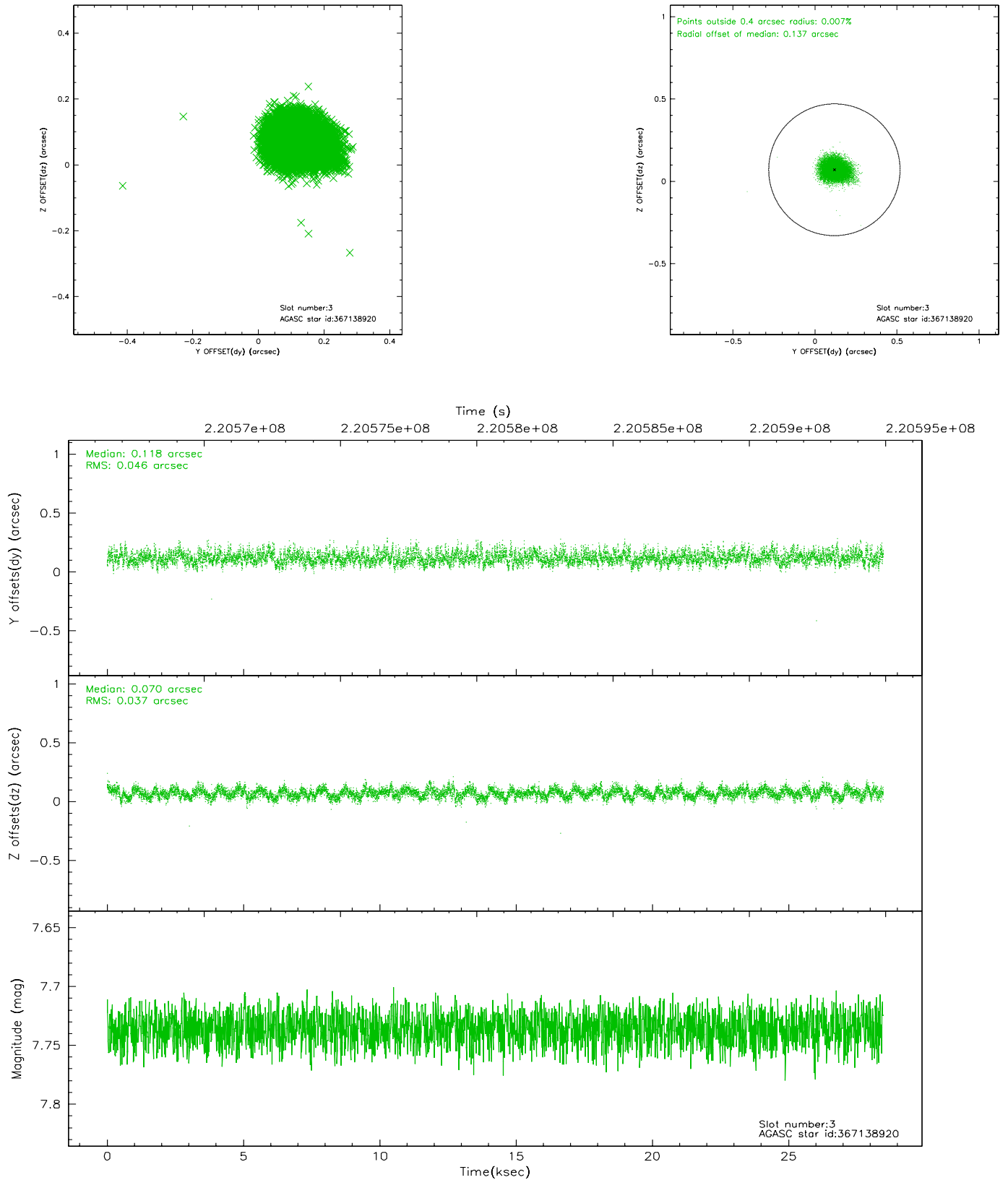
### Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.99	6946	0.015	0.041	0.020	0.034	0.000000	0.000000	-762.63	-1295.58
1	FID	HRC-I-2	7.02	6945	0.111	-0.100	0.012	0.023	0.000000	0.000000	849.99	-1297.50
2	FID	HRC-I-3	7.07	6946	-0.008	-0.030	0.012	0.019	0.000000	0.000000	-1190.97	1008.74
3	GUIDE	367138920	7.74	13890	0.118	0.070	0.063	0.102	11.513485	40.808909	2265.90	1783.97
4	GUIDE	367146616	8.85	13887	-0.010	-0.009	0.095	0.152	11.418645	41.190163	873.44	1895.05
5	GUIDE	367148872	7.23	13891	0.020	-0.023	0.074	0.119	10.505940	40.688258	1949.44	-980.57
6	GUIDE	367658664	9.61	13881	-0.015	-0.010	0.110	0.186	10.374070	41.369746	-508.52	-653.56
7	GUIDE	367663272	9.29	13805	-0.118	-0.025	0.089	0.144	10.656279	41.699429	-1443.06	401.41

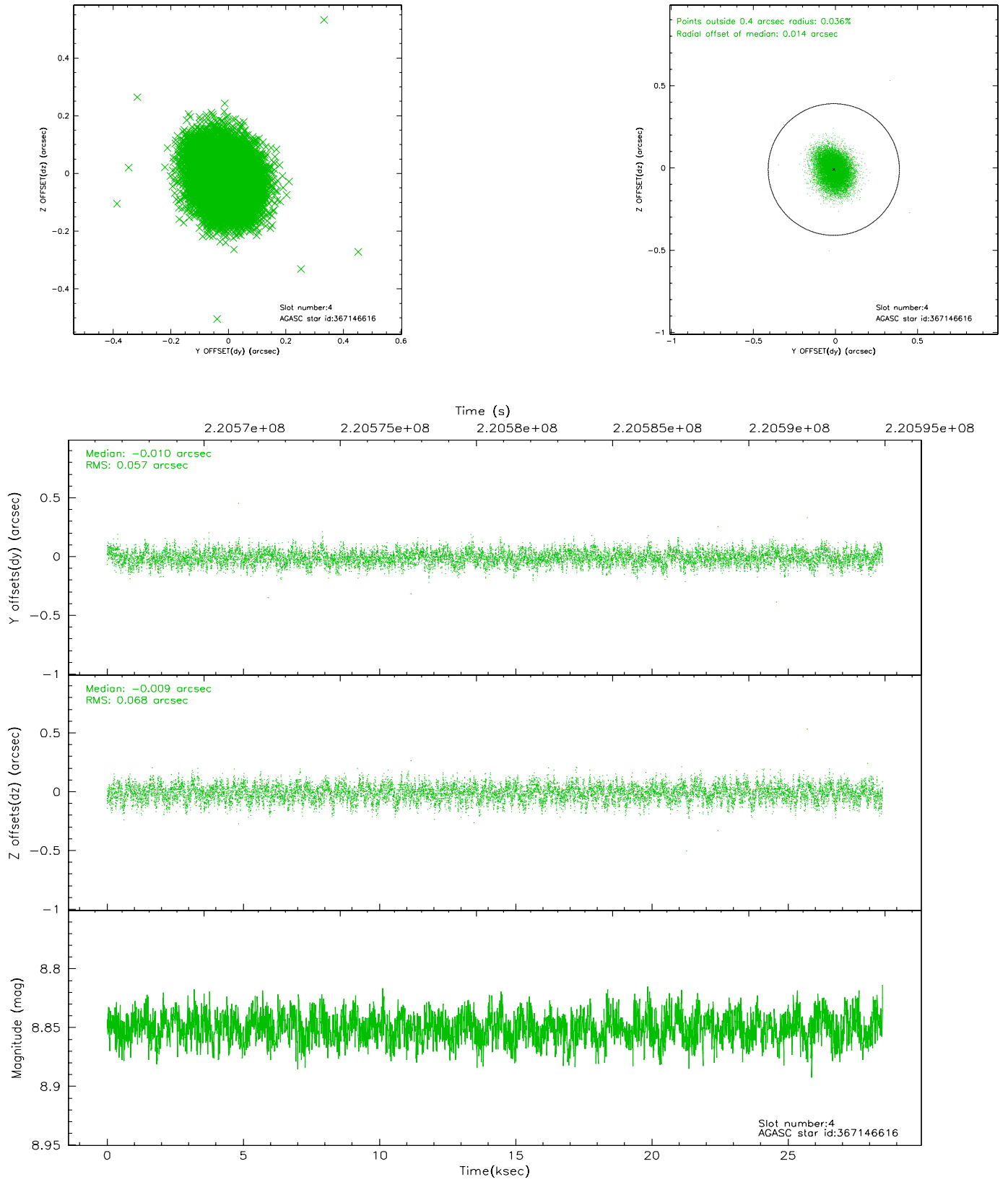


## 2.4 Star Slots

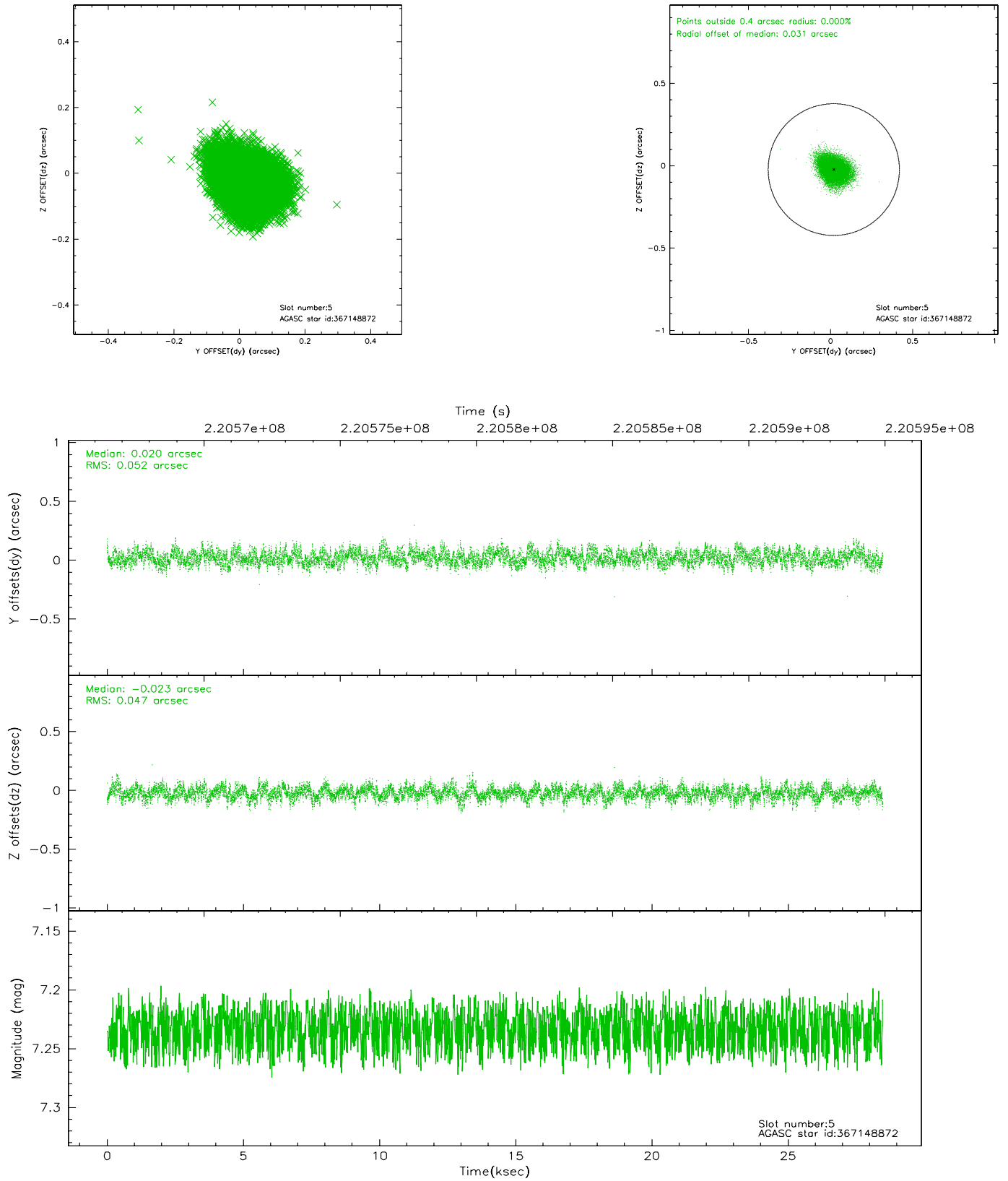
### 2.4.1 Slot 3



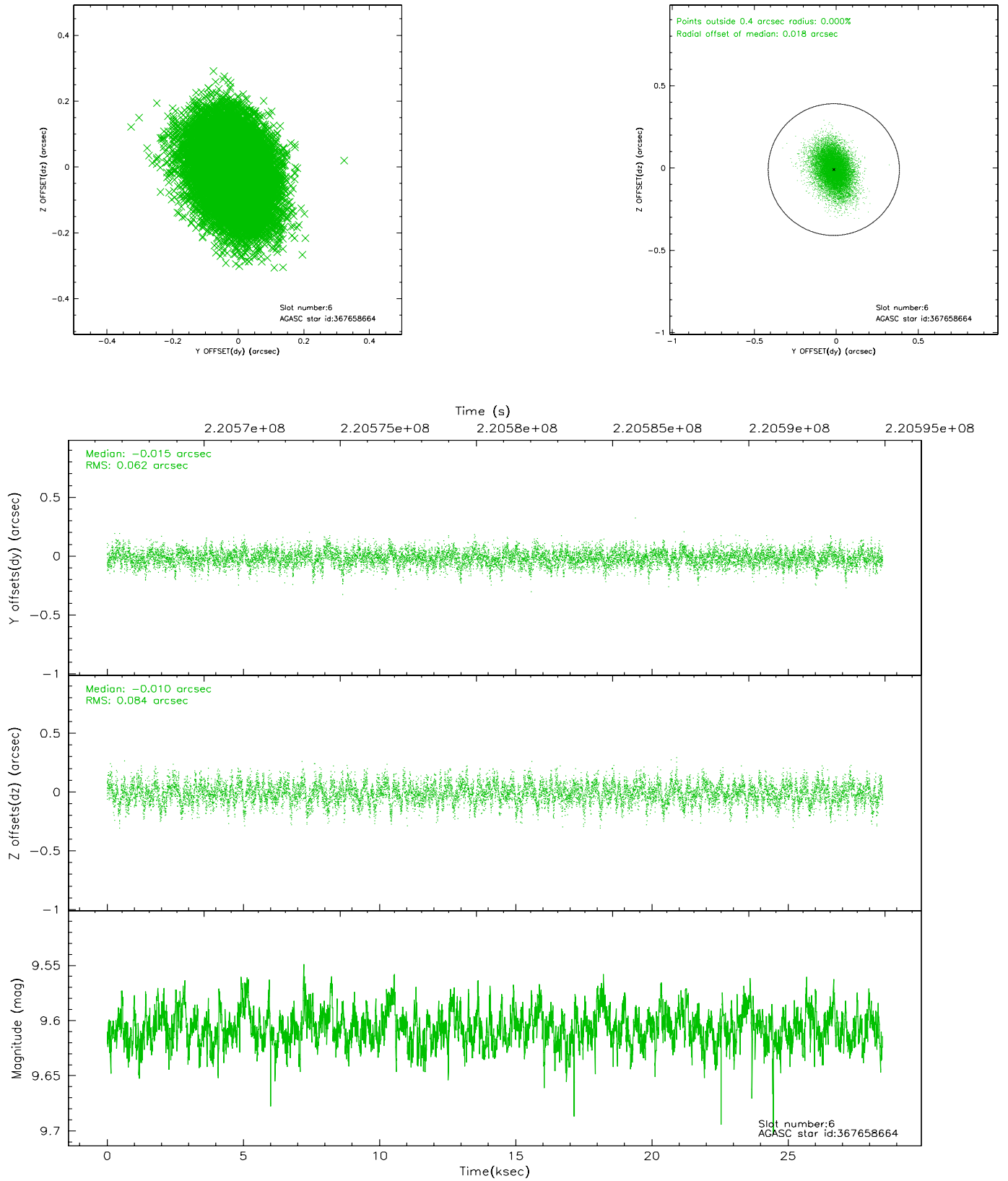
## 2.4.2 Slot 4



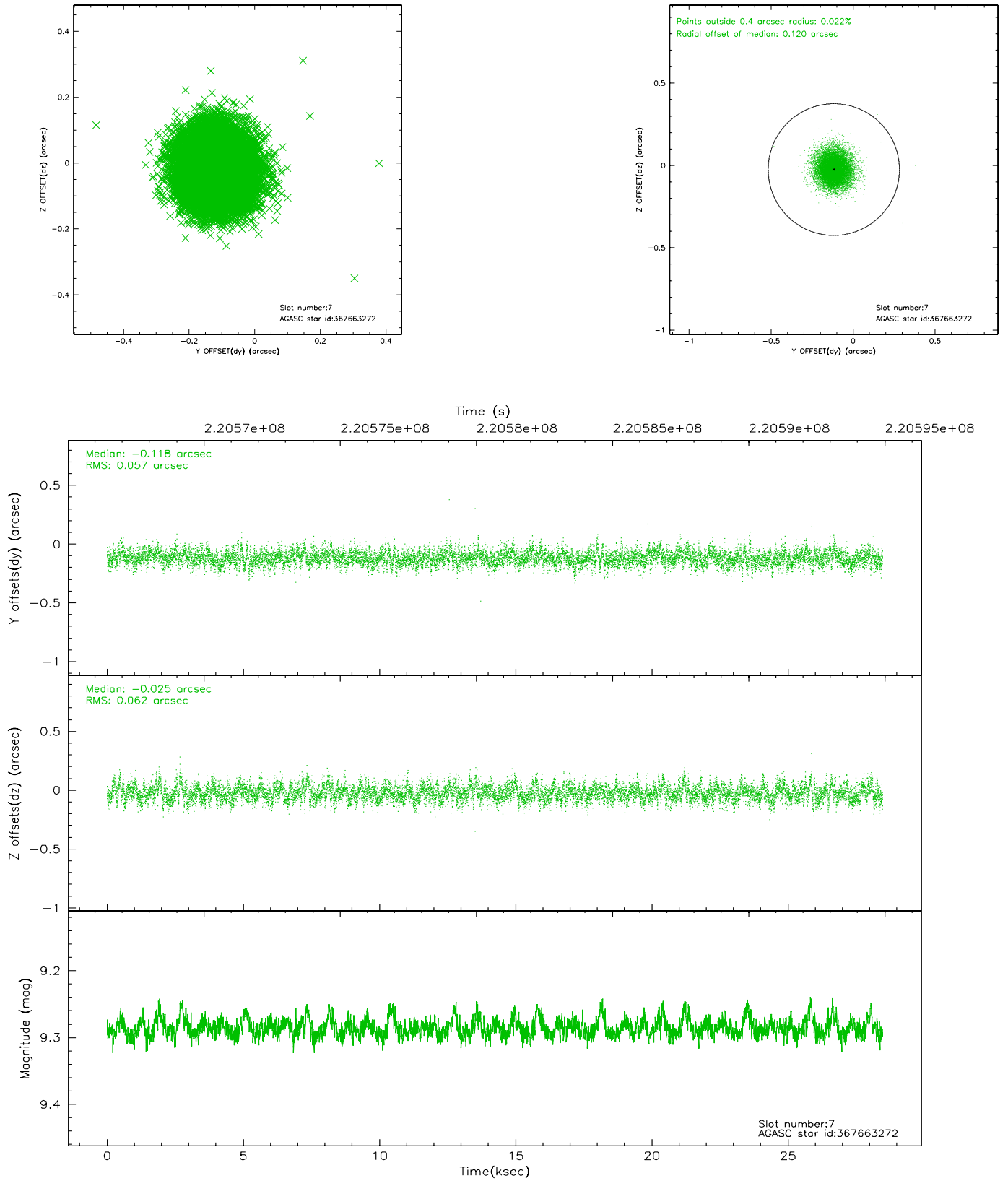
### 2.4.3 Slot 5



## 2.4.4 Slot 6

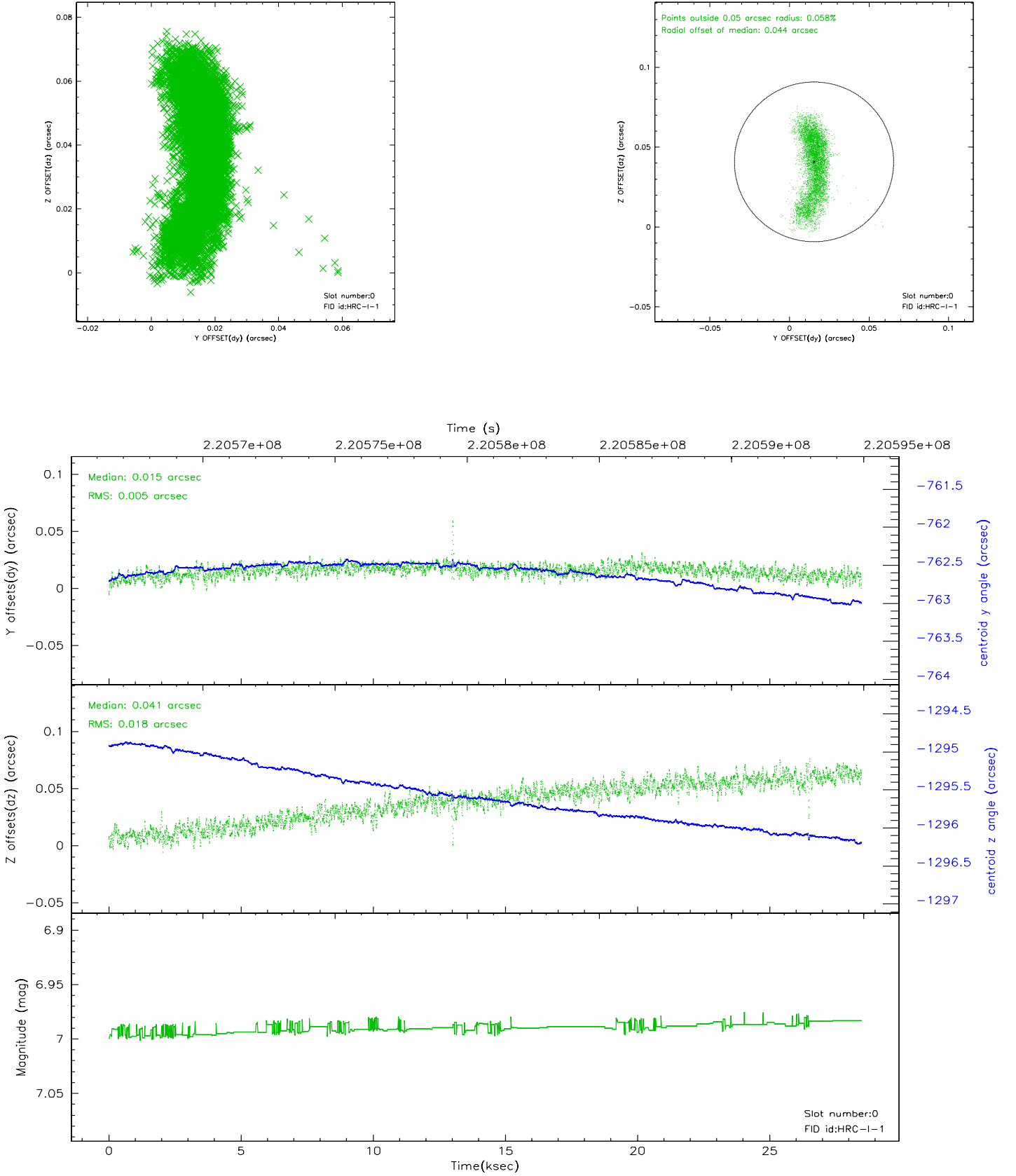


## 2.4.5 Slot 7

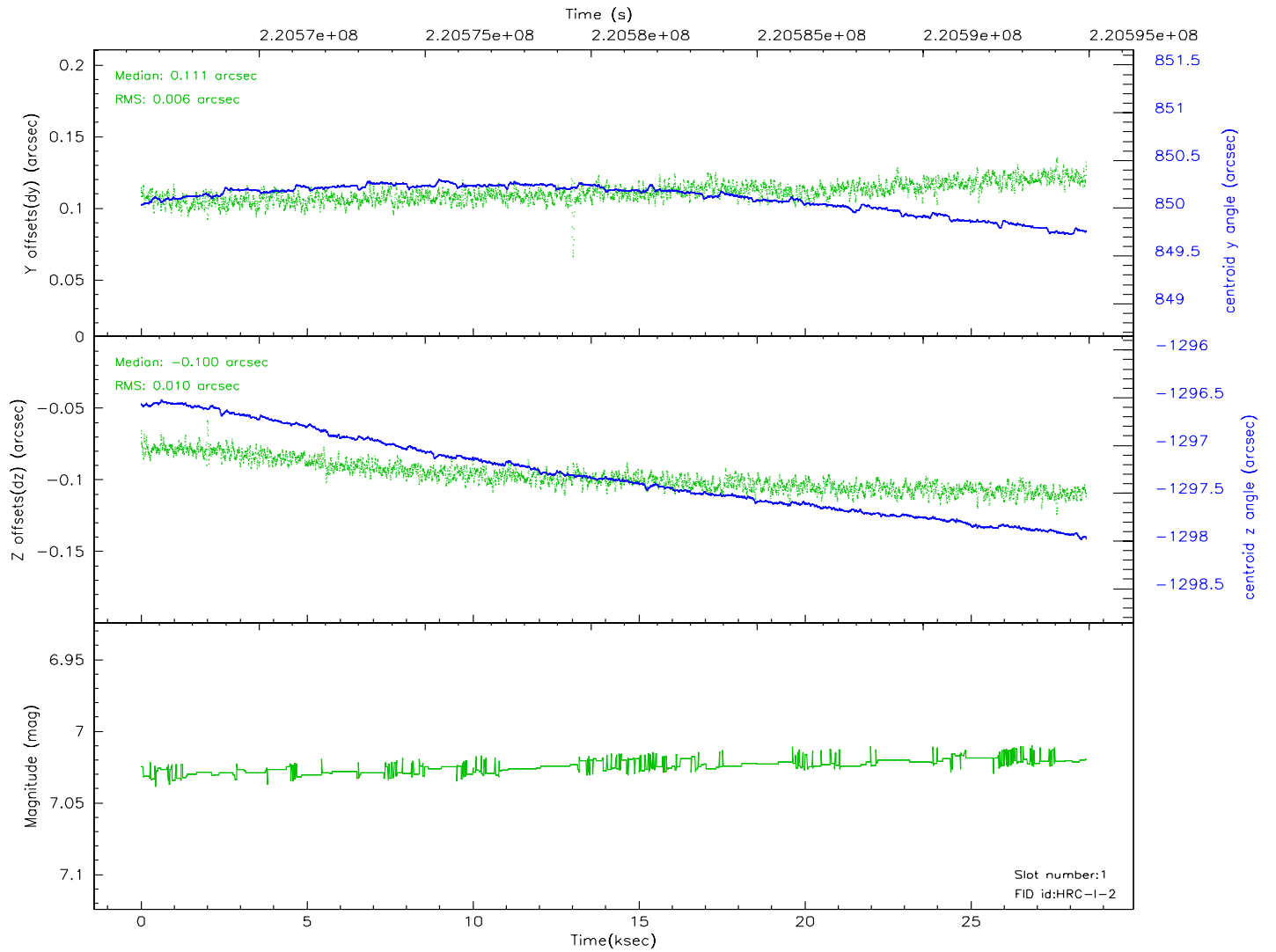
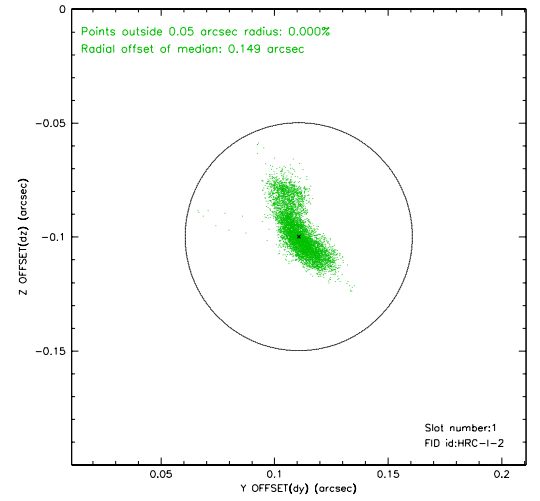
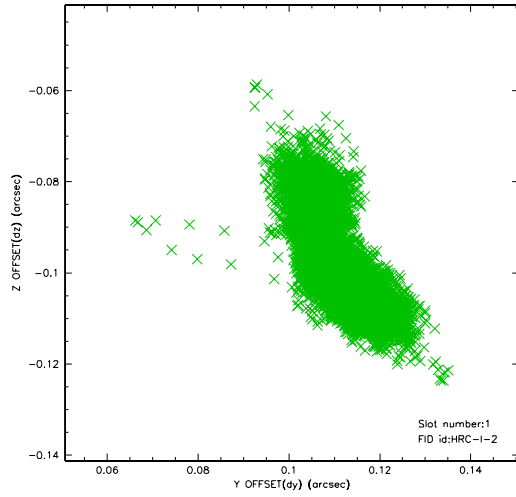


## 2.5 FID Slots

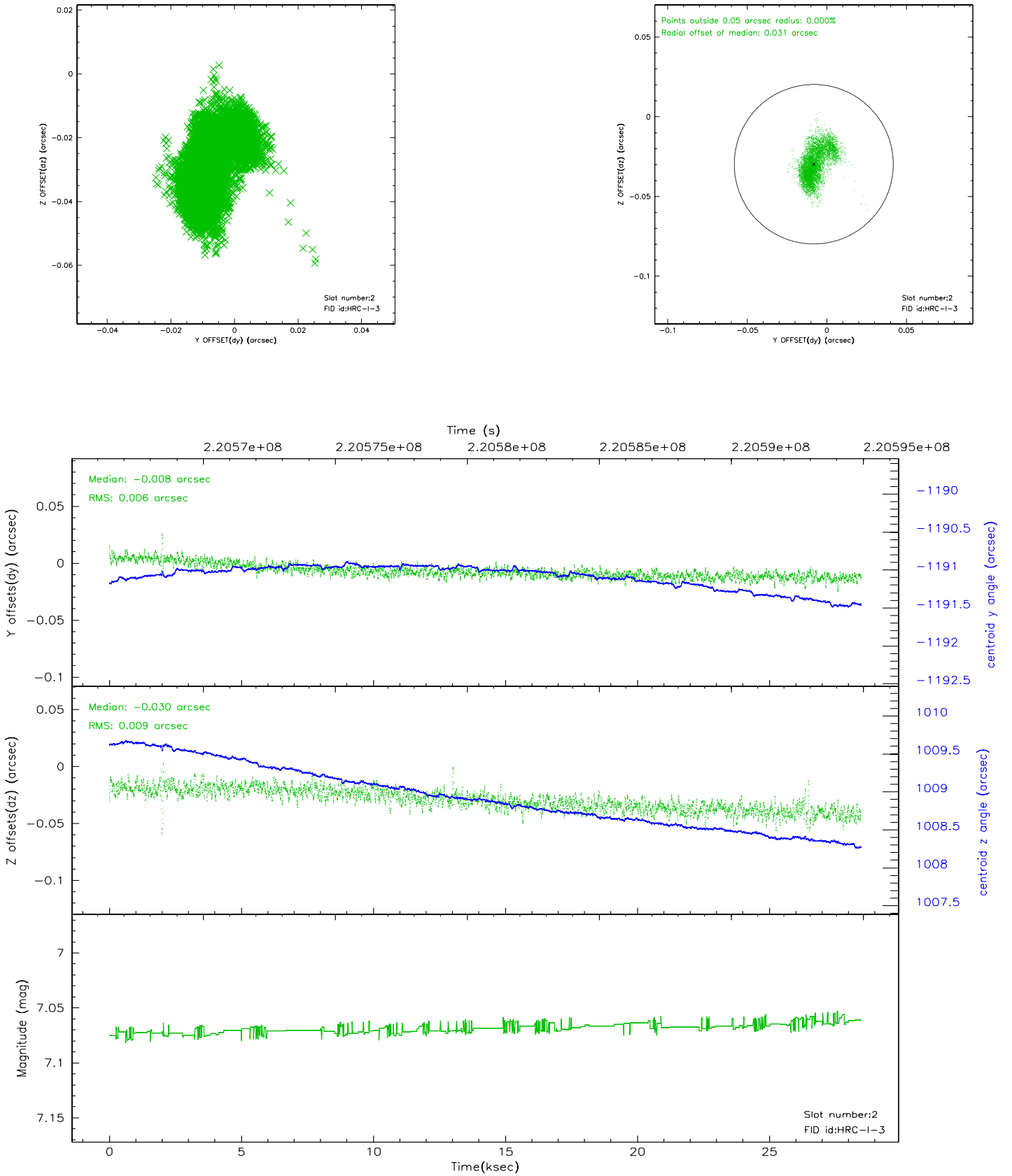
### 2.5.1 Slot 0



## 2.5.2 Slot 1

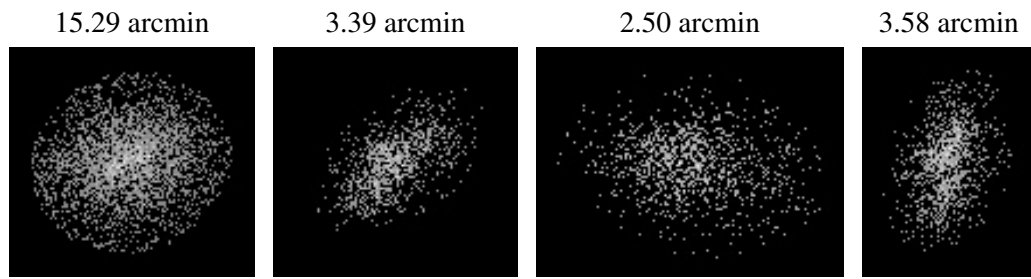


### 2.5.3 Slot 2





### 3 Point Sources



# A Summary

## A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2007.12.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	28.4745

## 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.