

# V&V Reference Report

## L2 ASCDS Version : 7.6.7.1

Observation 6188 - L2 Version 3  
Chandra X-Ray Center

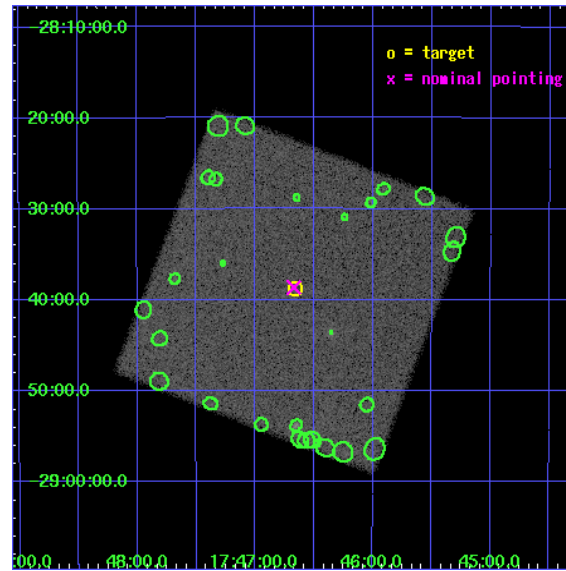
L2 Processing Date : Nov 24 2007

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# 1 Front

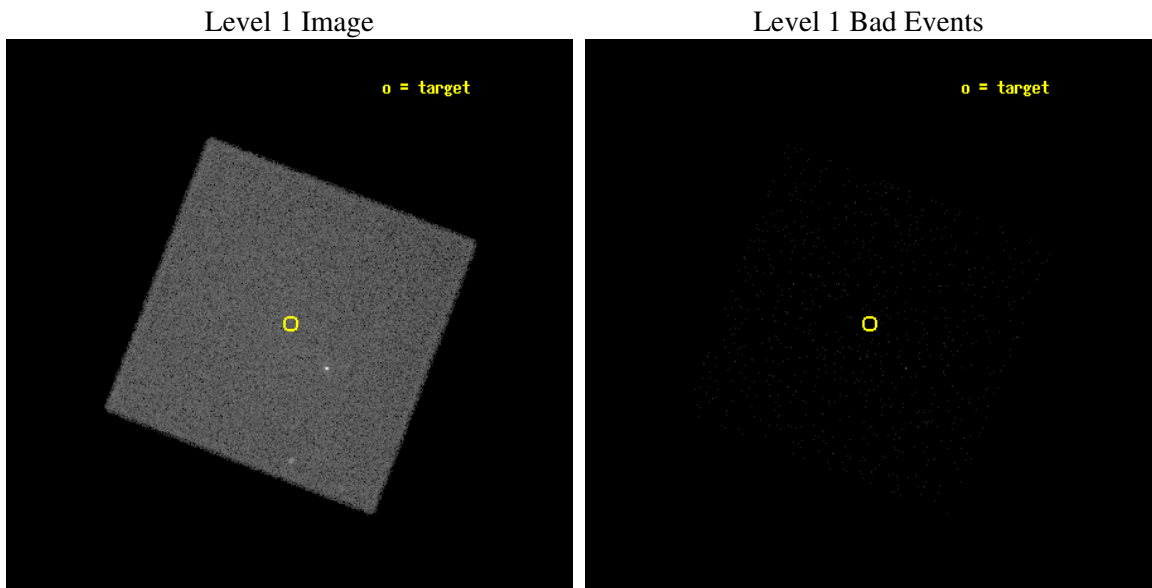
seq_num	400448
obs_id	6188
title	Monitoring observations of the Galactic Center region
observer	Dr. Rudy Wijnands
object	GC-1
ra_targ	266.664167
dec_targ	-28.647222
ra_nom	266.6675626948
dec_nom	-28.644159868108
roll_nom	66.164456698802
revision	3
ontime	5119.8752335906
livetime	5083.7883756536
l2events	194558



## 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	2007-11-24T13:56:05
revision	3

sched_exp_time	5000.000000
ontime	5119.8752335906
l1events	368174

### 2.1.3 Events

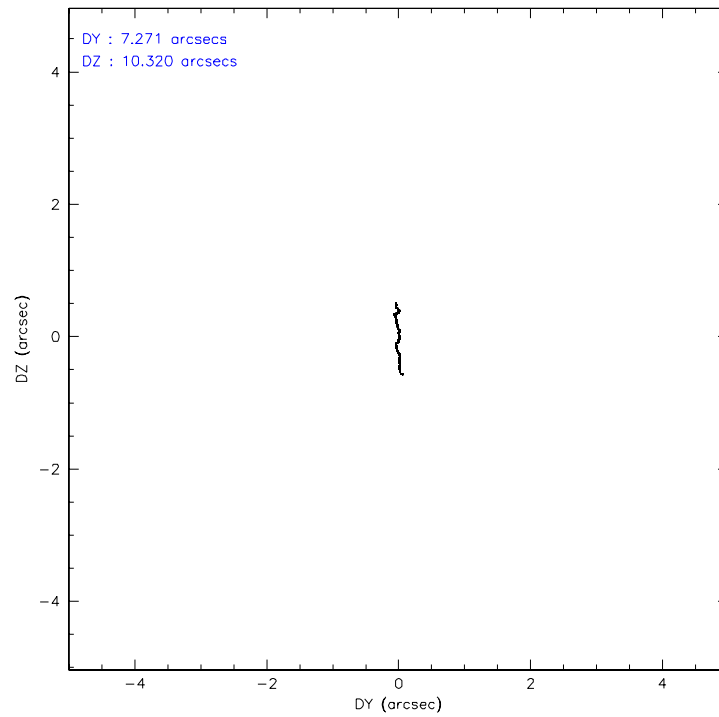
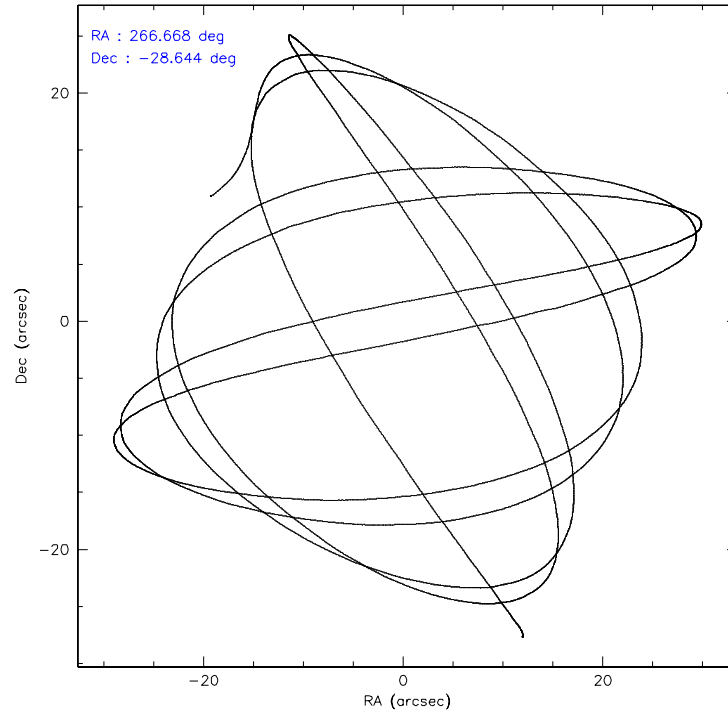
#### Level 1 Events

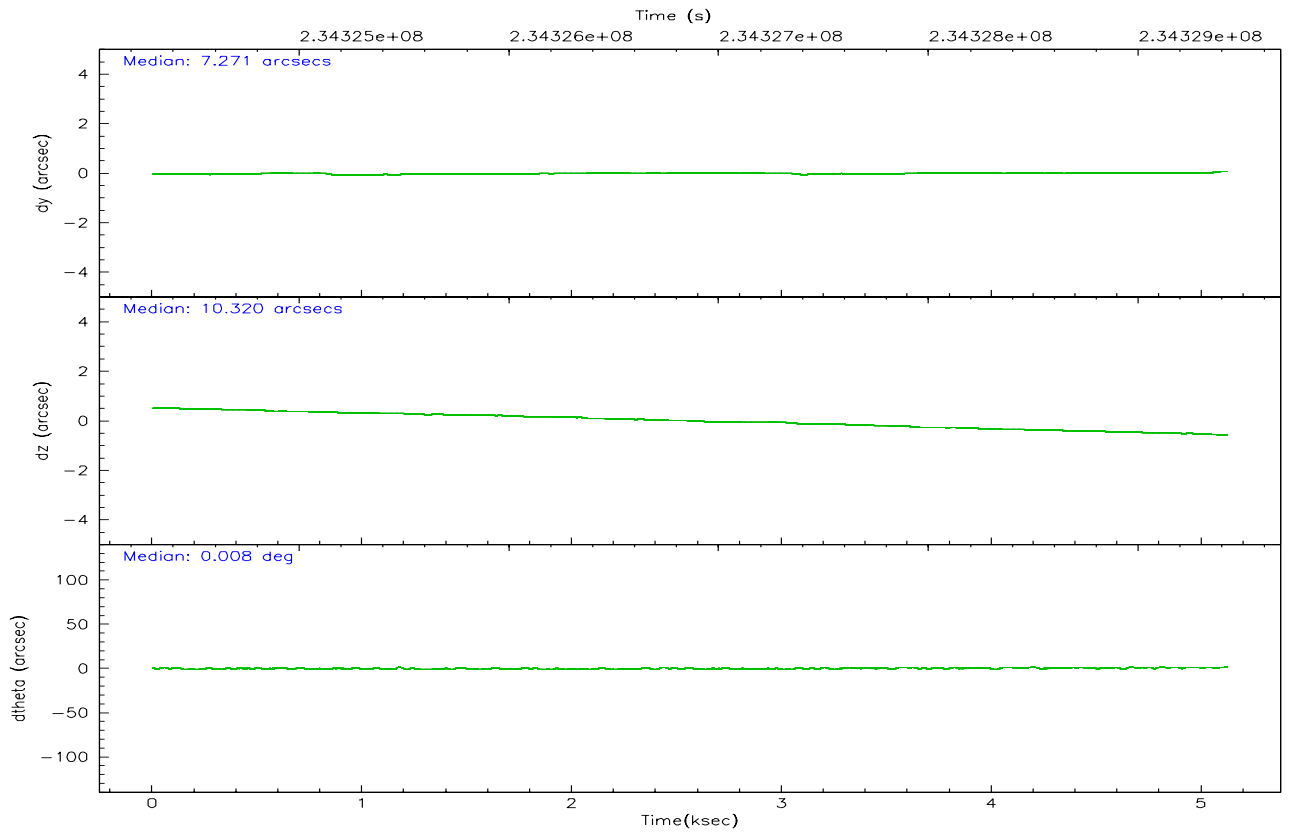
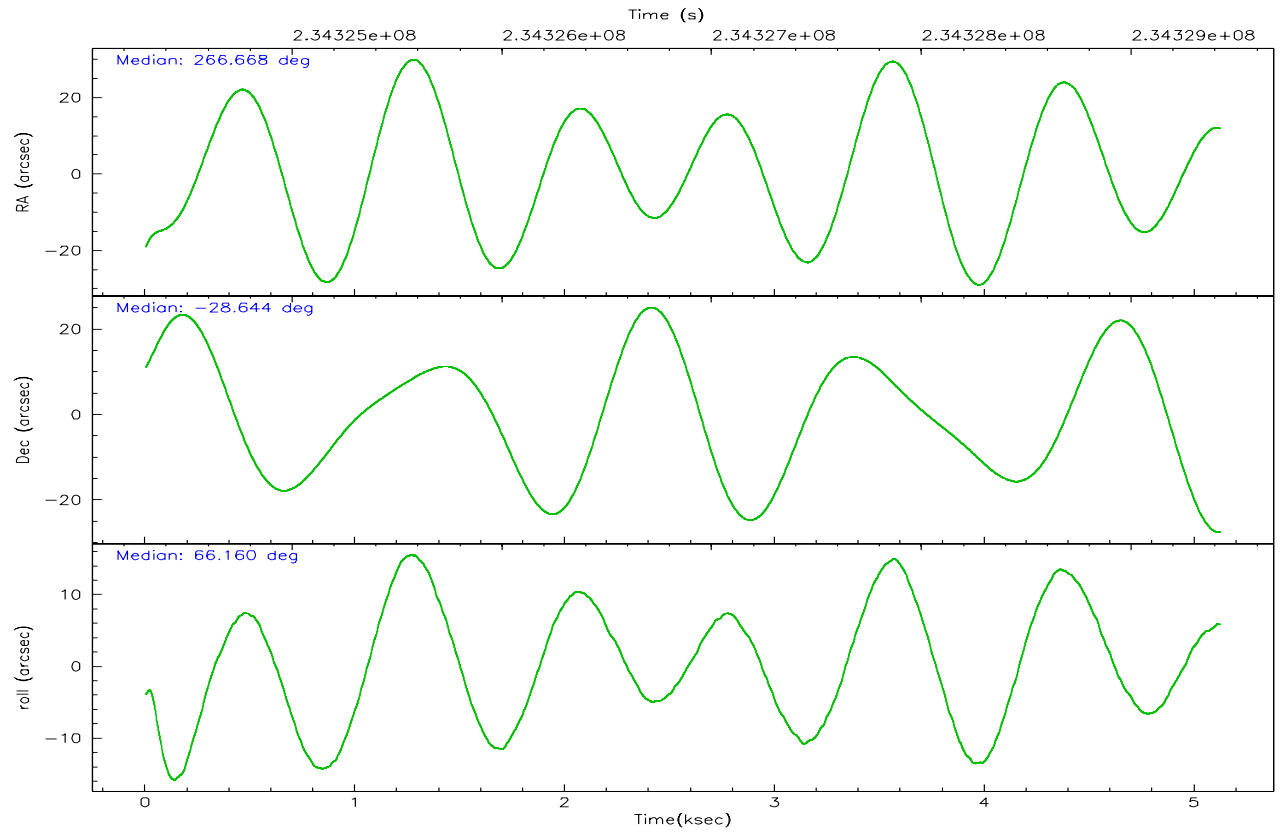
	<b>segment 0</b>
level 1 events	368174
rejected events	78772
rejected %	21%

## 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	266.671640	266.6675626947969			
Pointing Dec	-28.671232	-28.64415986810838			
Pointing Roll	66.261867	66.1644566988017			
Window start time	233971264.184000	233971264.184000			
Window stop time	236563264.184000	236563264.184000			
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	234324428.184000	234323077.95718			
Observation start date	2005-06-05T02:06:04	2005-06-05T01:44:37			
Observation end time	234329428.184000	234329599.51998			
Observation end date	2005-06-05T03:29:24	2005-06-05T03:33:19			

## 2.3 Aspect





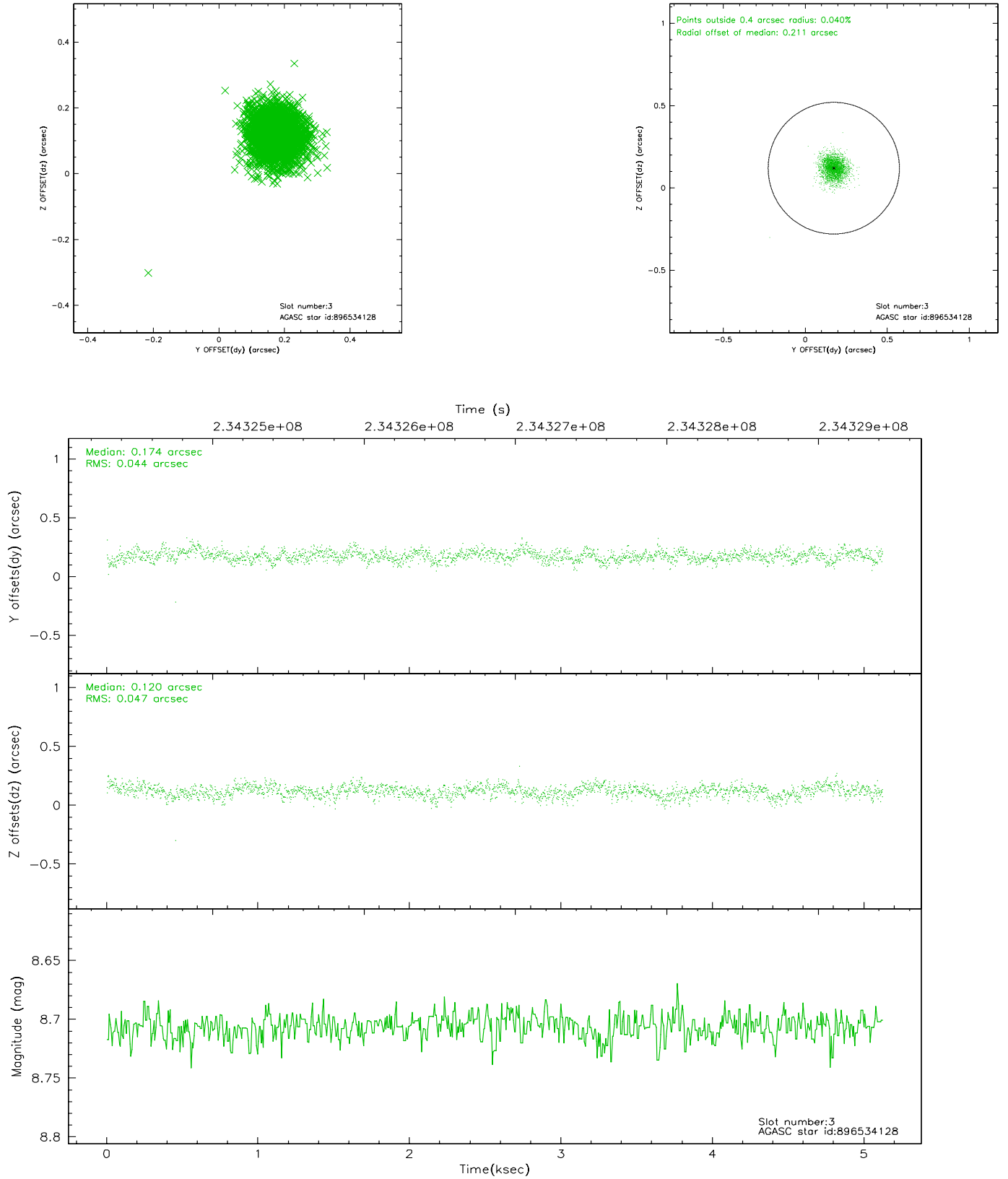
### Slot Statistics

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	1249	-0.017	0.024	0.015	0.023	0.000000	0.000000	-762.85	-1298.24
1	FID	HRC-I-2	7.03	1249	0.102	-0.048	0.008	0.014	0.000000	0.000000	849.29	-1300.90
2	FID	HRC-I-3	7.08	1250	0.033	-0.066	0.010	0.017	0.000000	0.000000	-1190.64	1005.19
3	GUIDE	896534128	8.71	2499	0.174	0.120	0.067	0.111	266.503837	-29.080853	-1562.99	-110.81
4	GUIDE	896538920	8.91	2499	0.106	-0.016	0.068	0.110	266.278728	-29.143592	-2056.81	445.02
5	GUIDE	896540888	7.92	2497	-0.103	0.127	0.059	0.099	267.212234	-28.246138	2086.21	-954.77
6	GUIDE	896538696	6.80	2499	-0.137	-0.230	0.051	0.085	266.298470	-28.325572	661.53	1581.82
7	GUIDE	896538208	7.96	2498	-0.037	0.003	0.055	0.089	267.176969	-28.671626	638.04	-1462.66

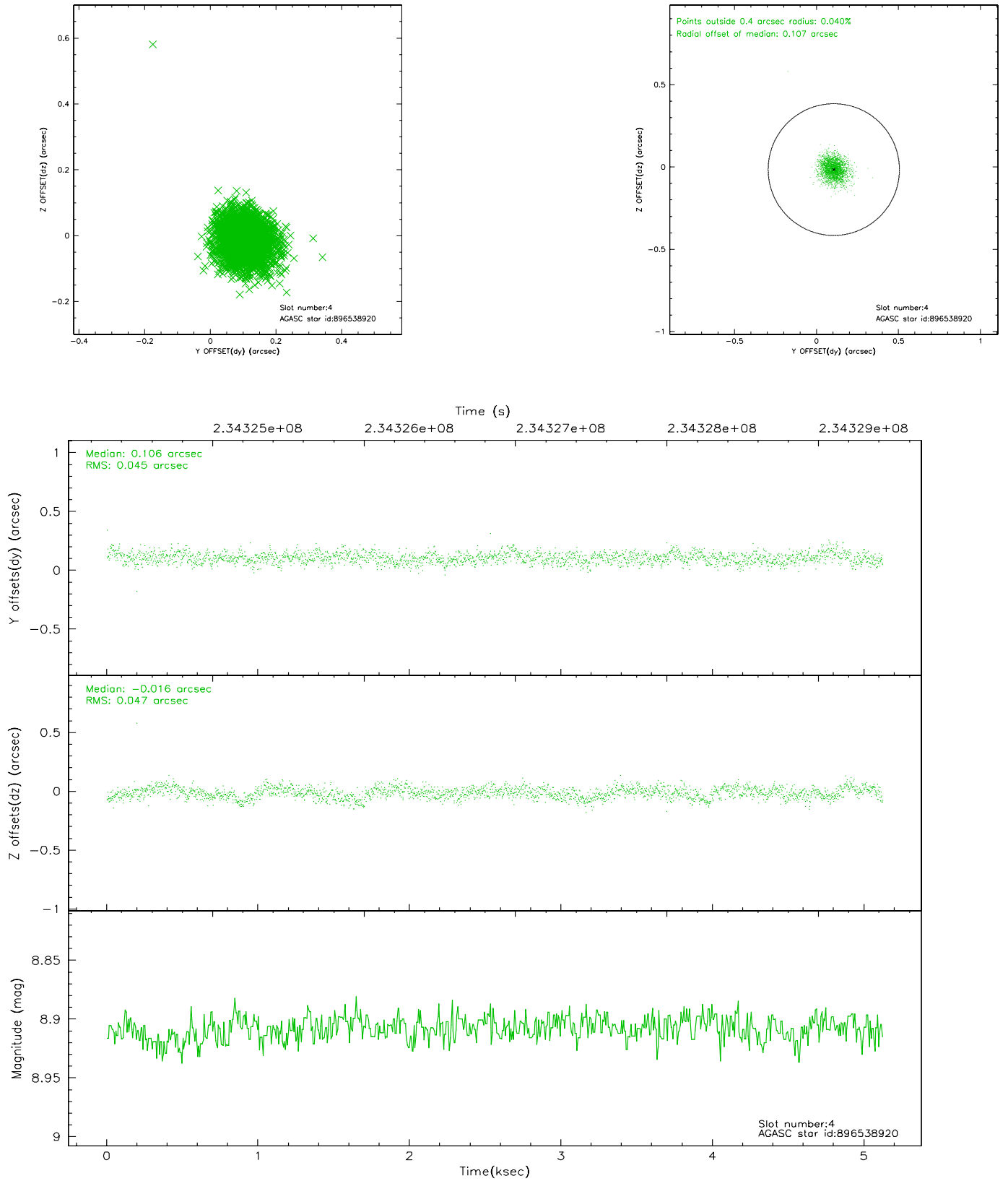


## 2.4 Star Slots

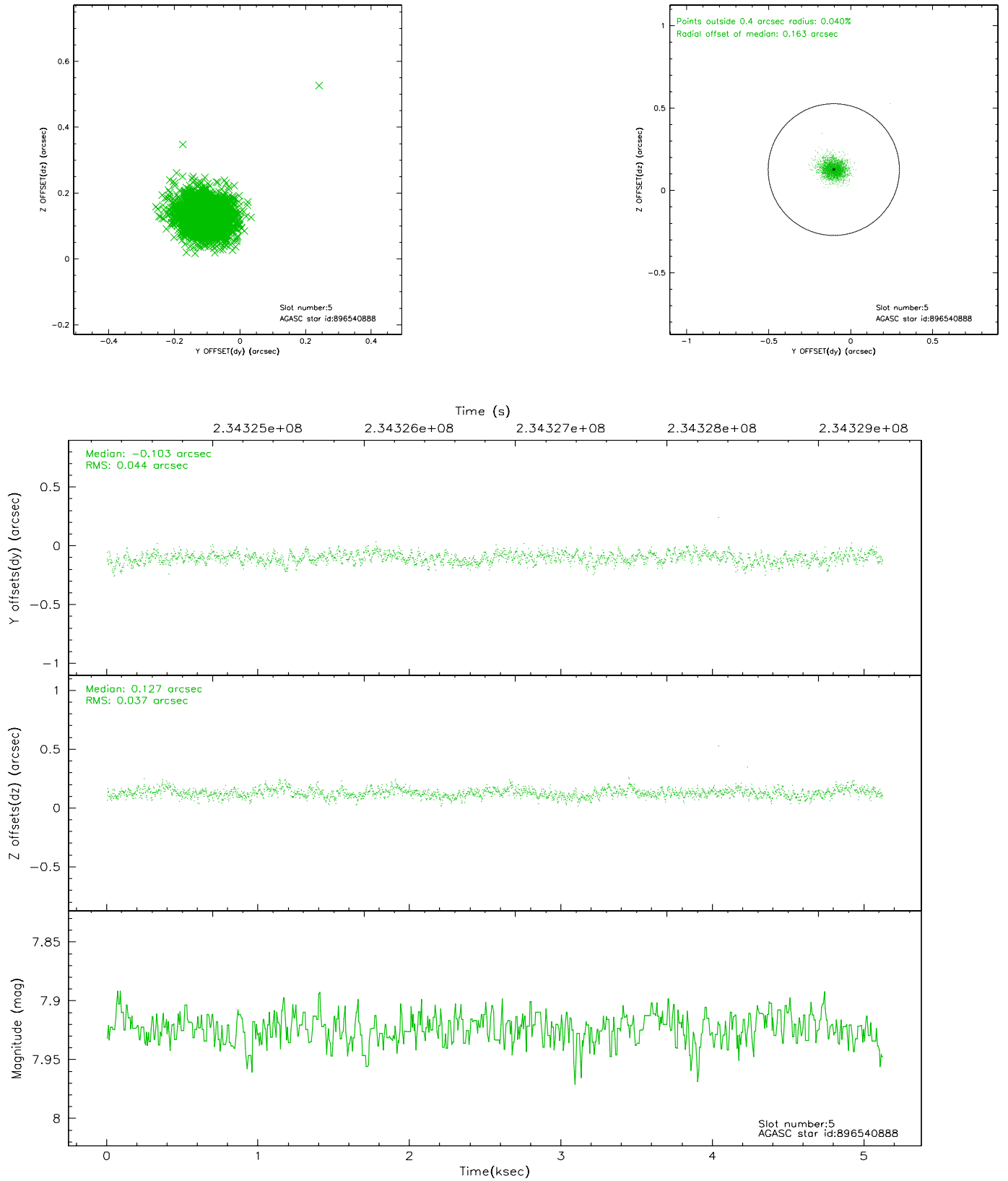
### 2.4.1 Slot 3



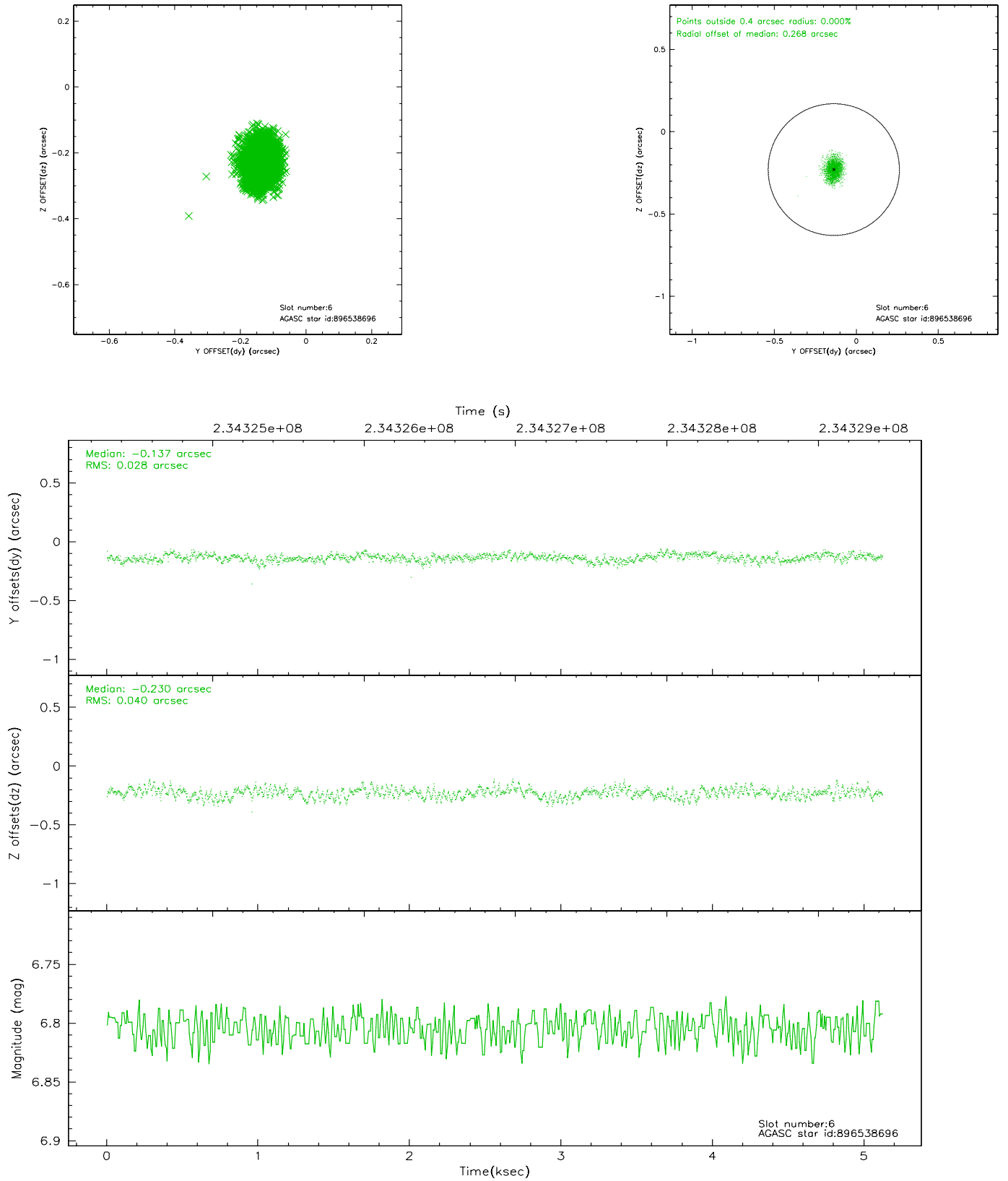
## 2.4.2 Slot 4



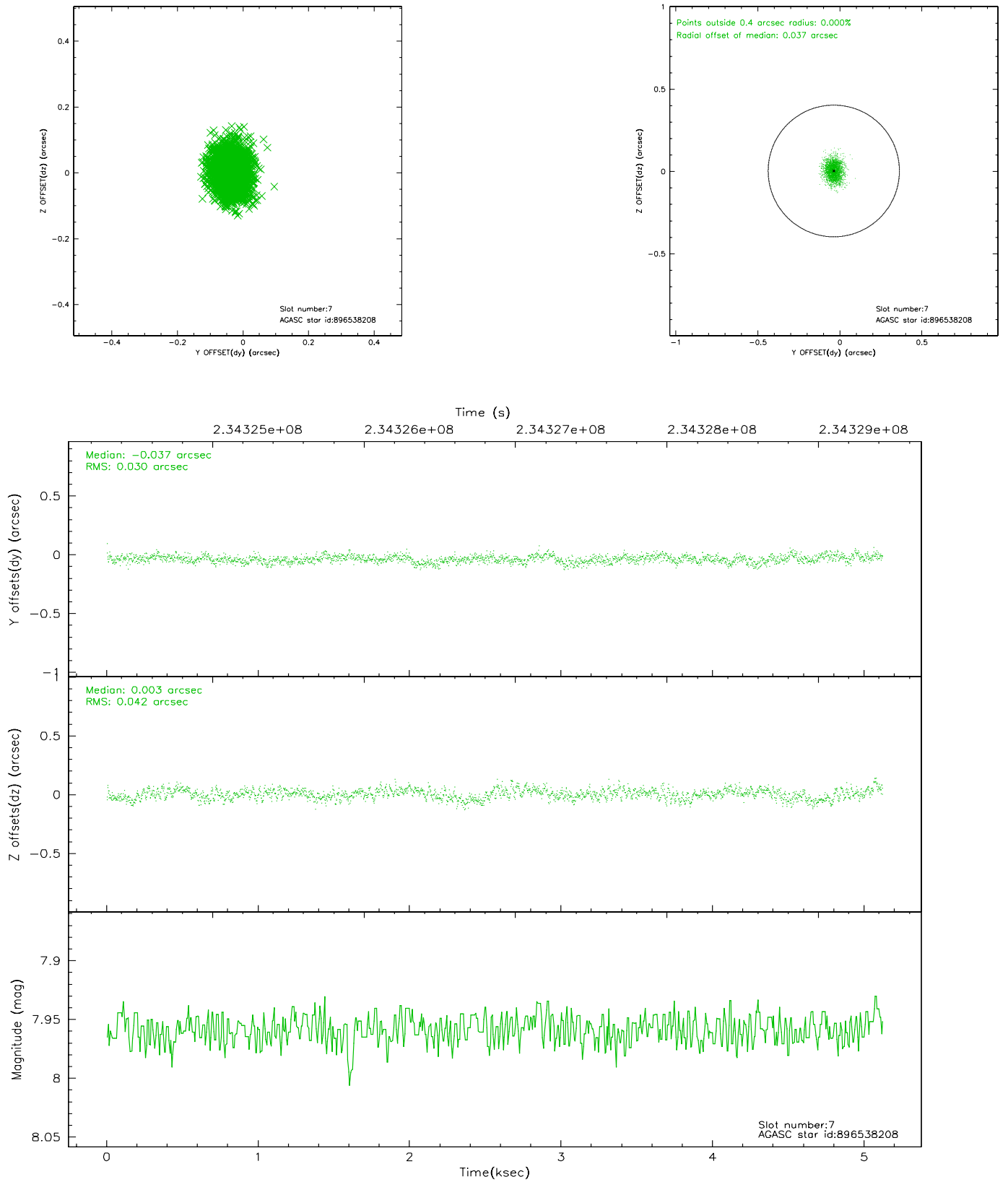
### 2.4.3 Slot 5



## 2.4.4 Slot 6

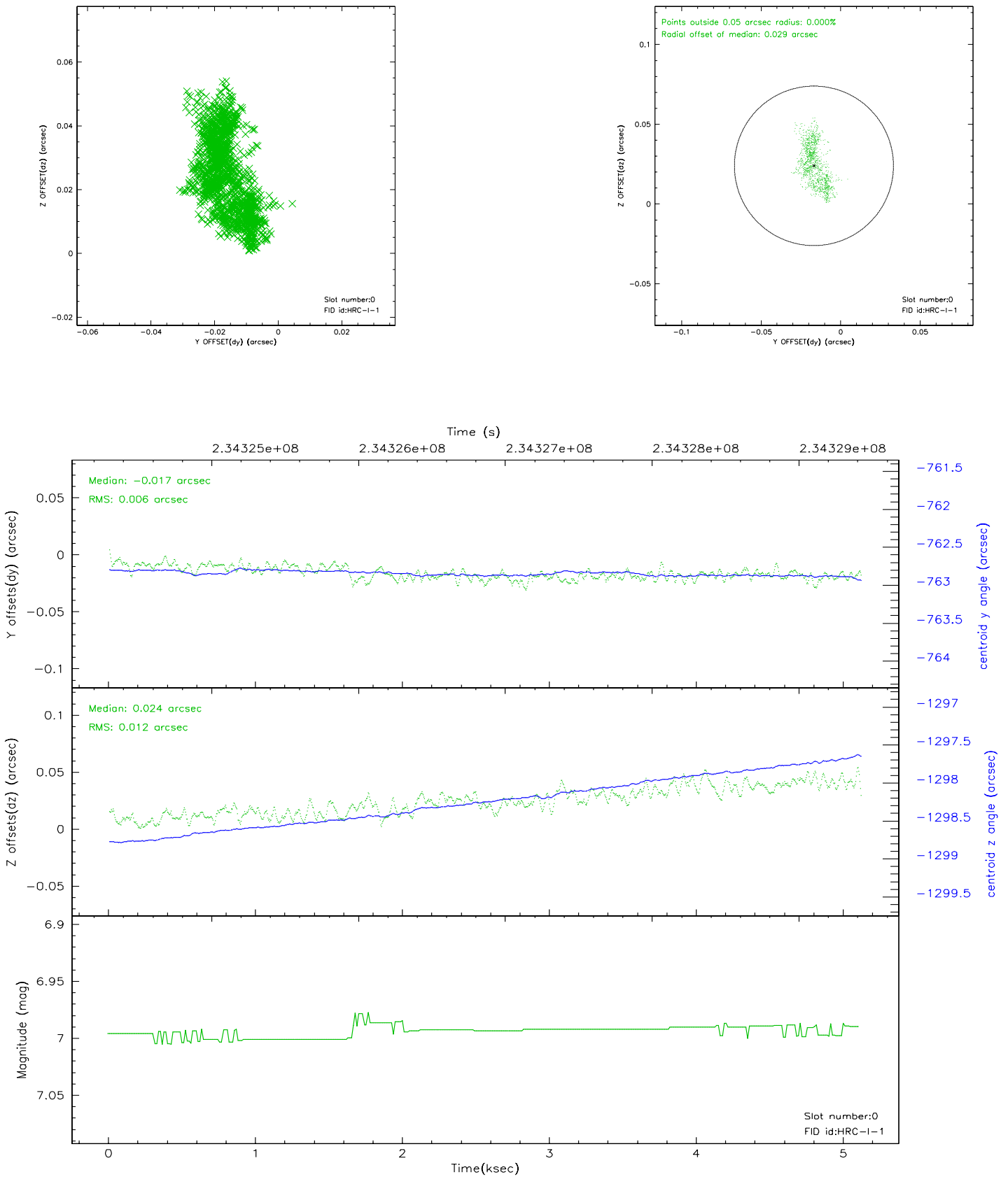


## 2.4.5 Slot 7

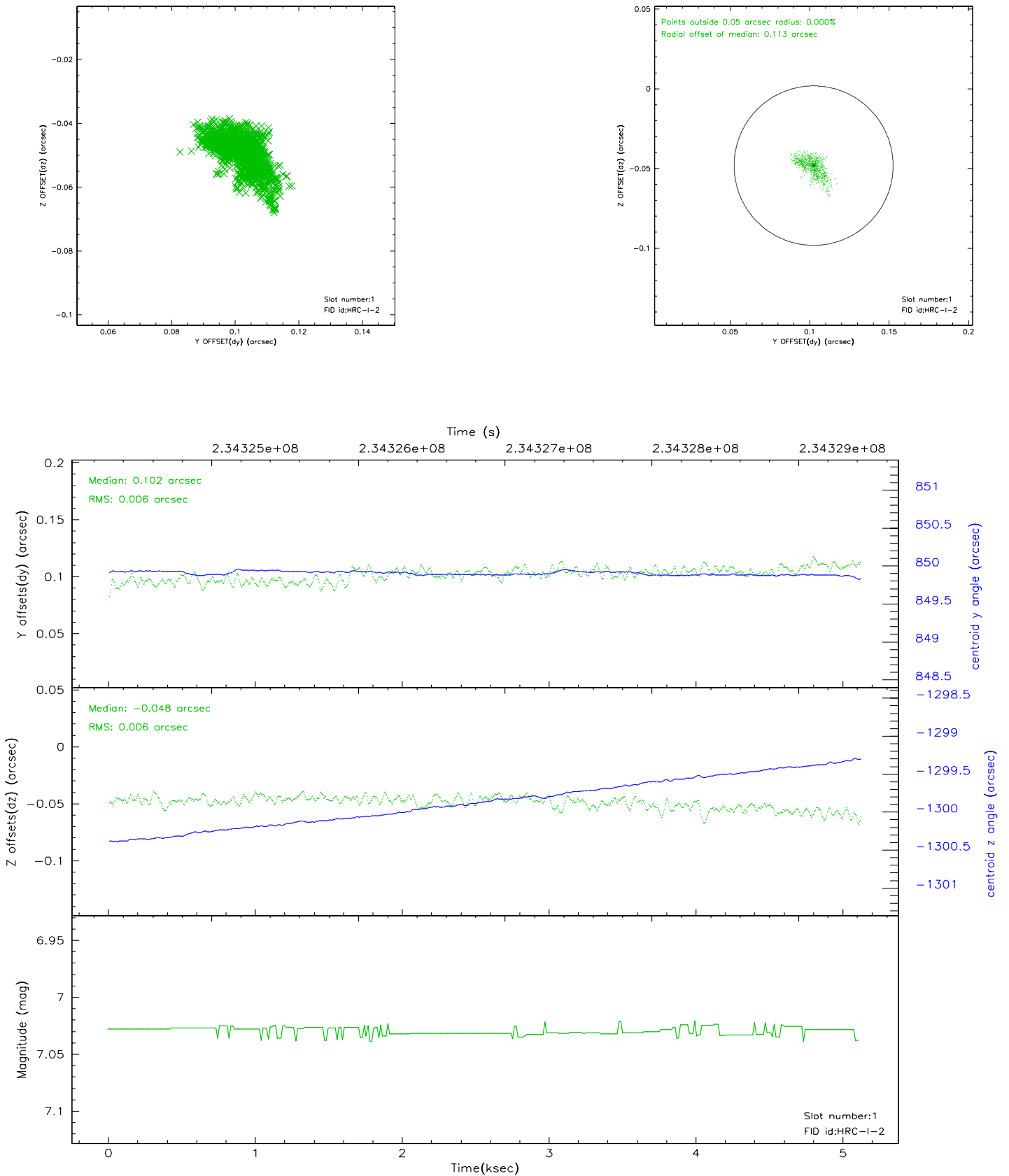


## 2.5 FID Slots

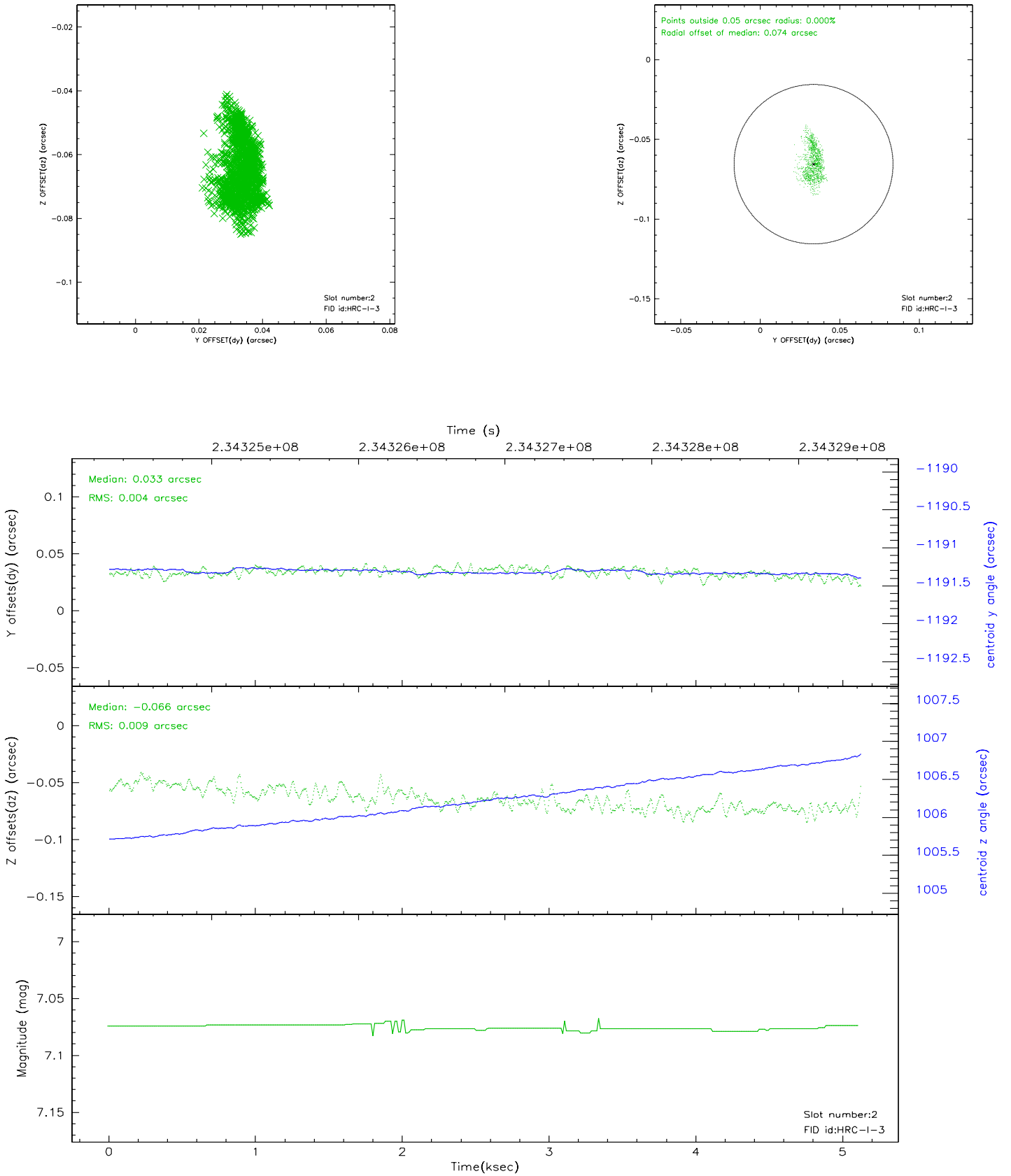
### 2.5.1 Slot 0



## 2.5.2 Slot 1

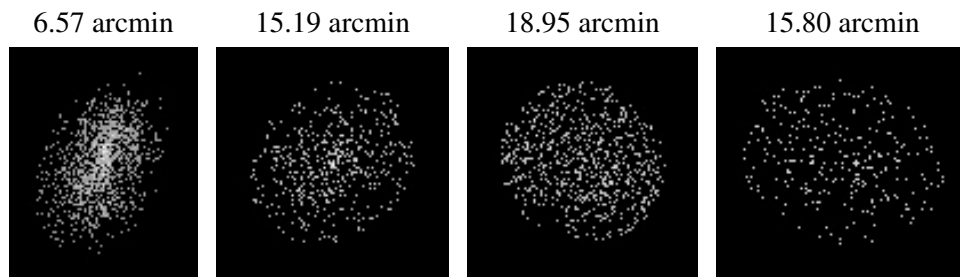


### 2.5.3 Slot 2





### 3 Point Sources



# A Summary

## A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2007.12.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.120131

## 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.