

# V&V Reference Report

## L2 ASCDS Version : 7.6.7.1

Observation 6201 - L2 Version 3  
Chandra X-Ray Center

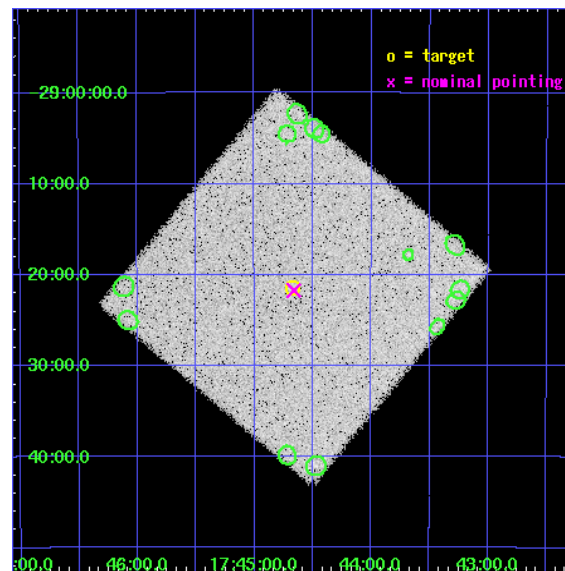
L2 Processing Date : Nov 24 2007

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# 1 Front

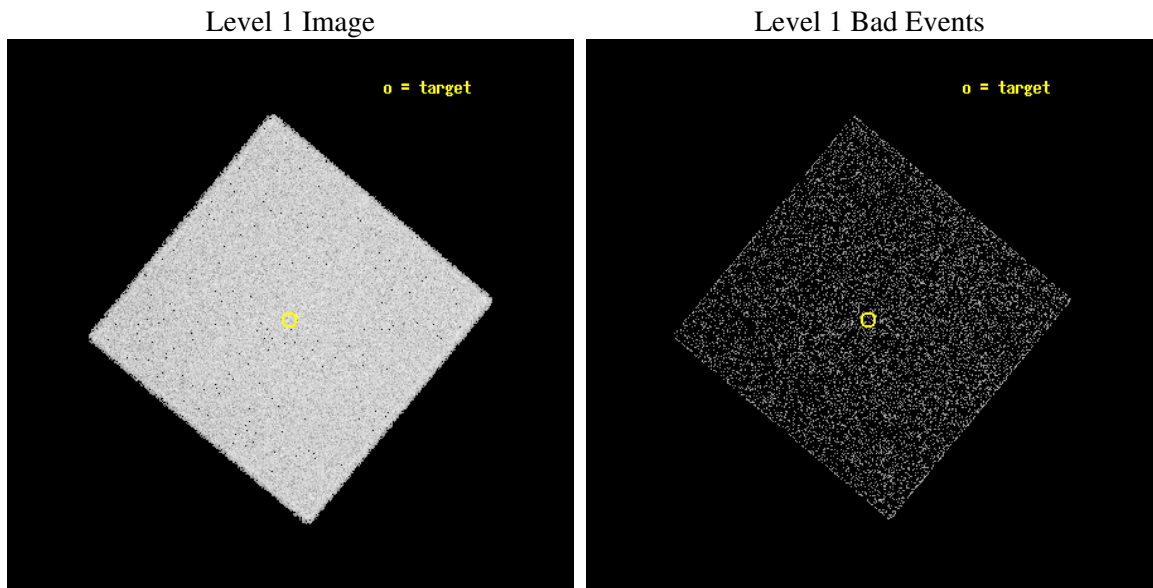
seq_num	400461
obs_id	6201
title	Monitoring observations of the Galactic Center region
observer	Dr. Rudy Wijnands
object	GC-10
ra_targ	266.1675
dec_targ	-29.358611
ra_nom	266.16536817494
dec_nom	-29.362269374269
roll_nom	264.84679198687
revision	3
ontime	4379.8252018392
livetime	4347.4001102521
l2events	175413



## 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	2007-11-24T20:03:12
revision	3

sched_exp_time	4200.000000
ontime	4379.8252018392
l1events	315971

### 2.1.3 Events

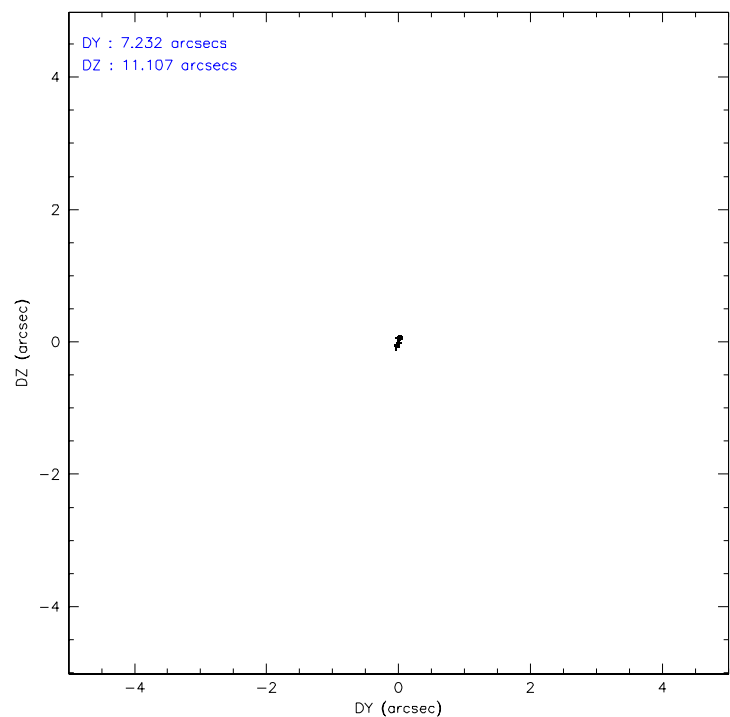
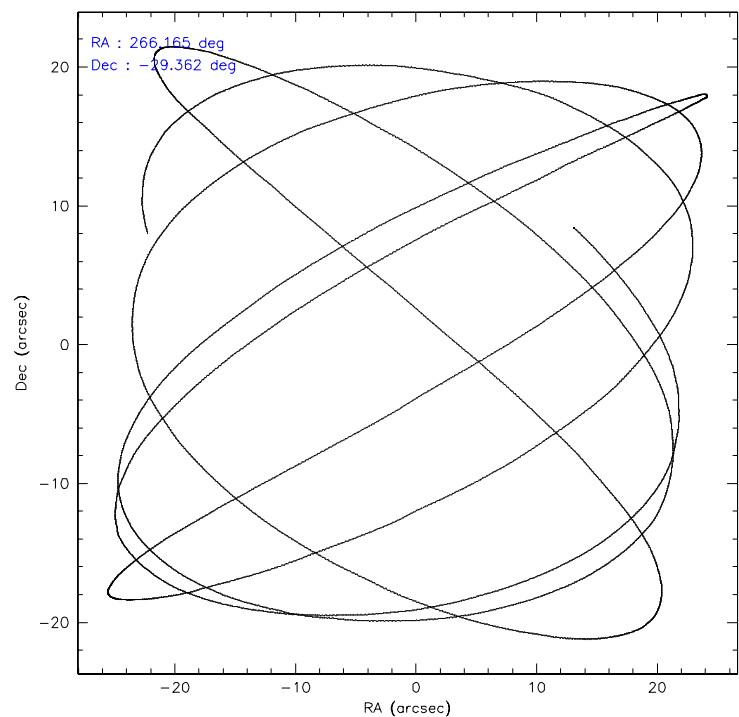
#### Level 1 Events

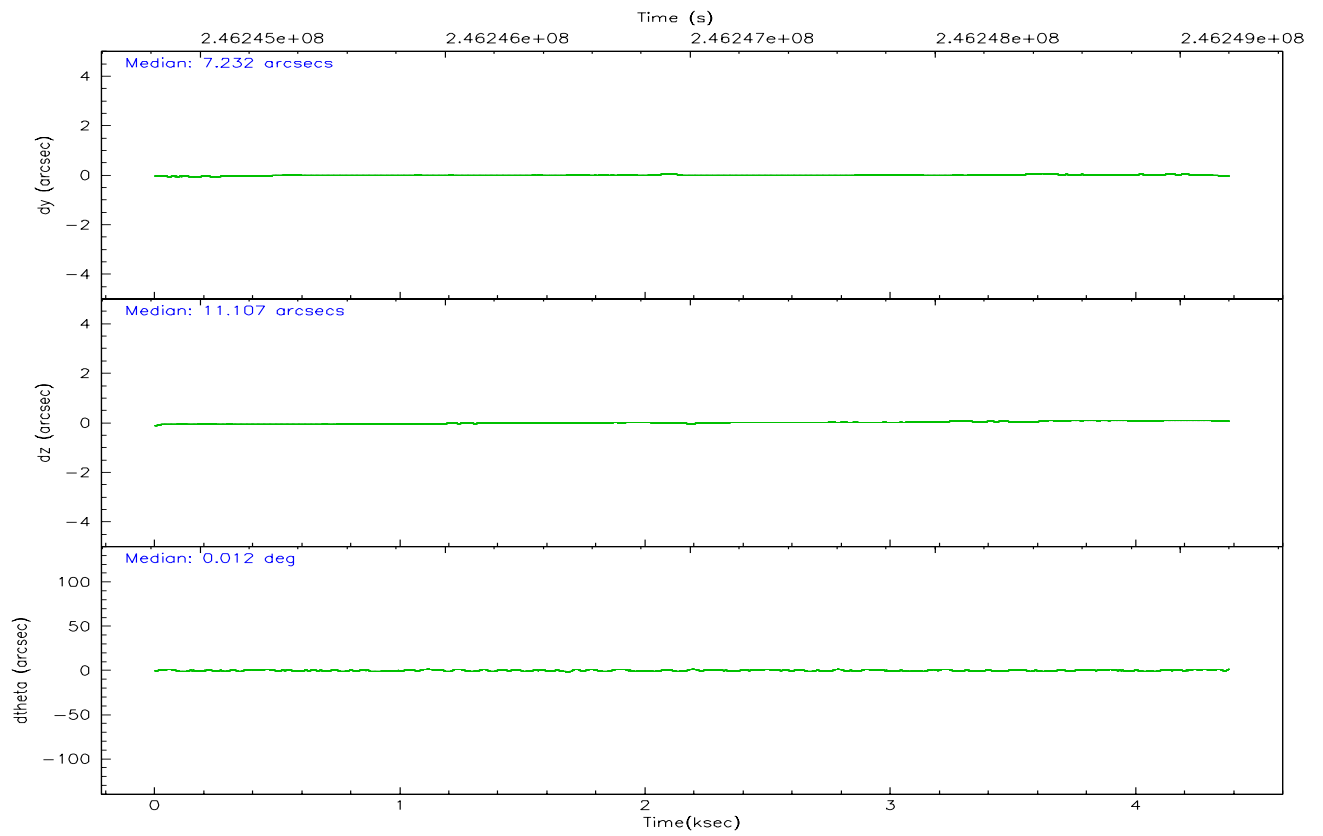
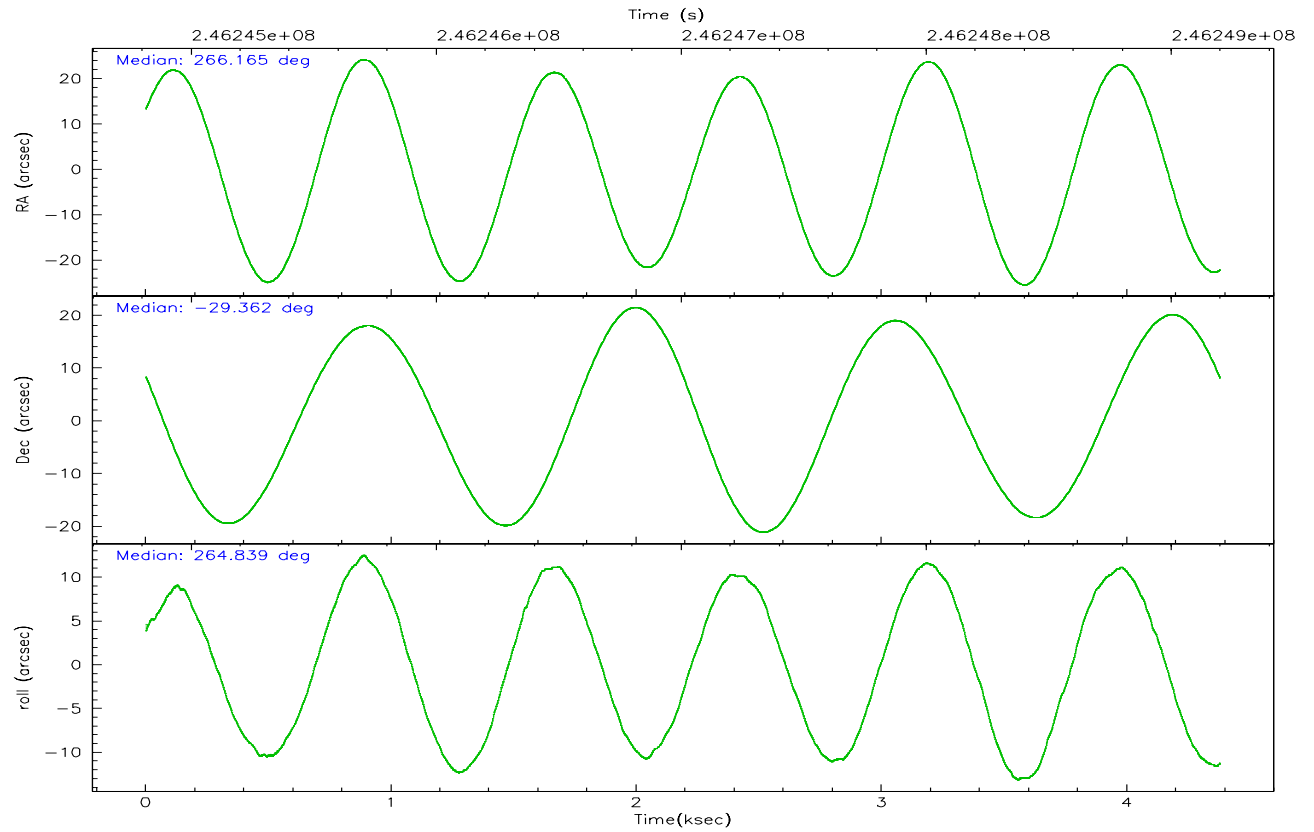
	<b>segment 0</b>
level 1 events	315971
rejected events	54113
rejected %	17%

## 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	266.151548	266.1653681749372			
Pointing Dec	-29.337977	-29.36226937426943			
Pointing Roll	264.935520	264.8467919868655			
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	246244998.184000	246244622.36626			
Observation start date	2005-10-21T01:22:14	2005-10-21T01:17:02			
Observation end time	246249198.184000	246249900.604			
Observation end date	2005-10-21T02:32:14	2005-10-21T02:45:00			

## 2.3 Aspect





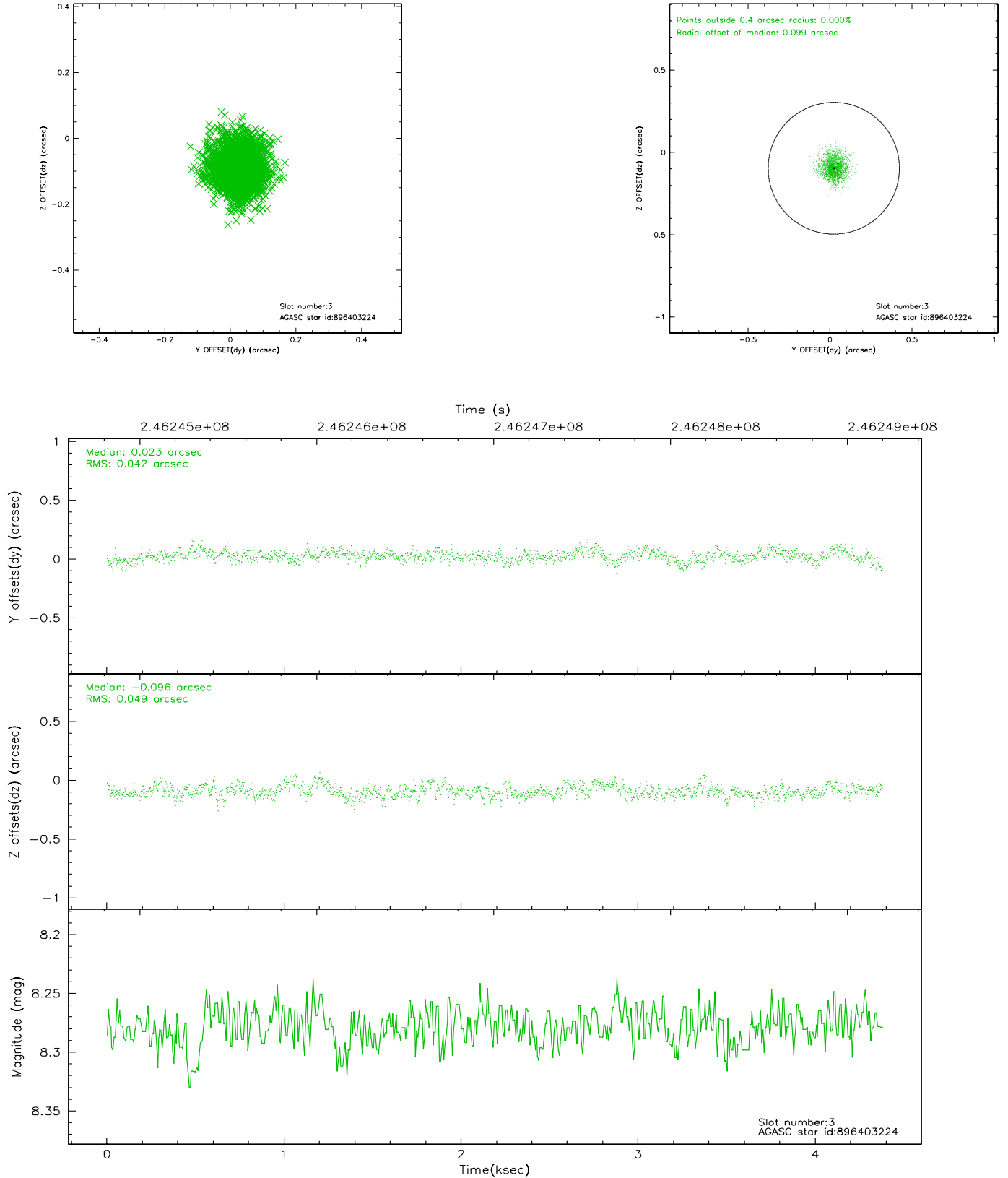
Slot Statistics

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	1069	-0.039	-0.064	0.006	0.009	0.000000	0.000000	-762.93	-1299.09
1	FID	HRC-I-2	7.03	1069	0.090	-0.034	0.007	0.010	0.000000	0.000000	849.11	-1301.94
2	FID	HRC-I-4	7.05	1069	0.065	0.006	0.005	0.008	0.000000	0.000000	1280.89	1001.81
3	GUIDE	896403224	8.28	2138	0.023	-0.096	0.069	0.114	265.612825	-29.438915	515.78	-1650.19
4	GUIDE	896537776	7.52	2138	0.032	0.075	0.077	0.117	266.655684	-29.665673	1039.78	1674.50
5	GUIDE	896541360	7.72	2137	-0.020	0.079	0.068	0.107	266.684478	-29.453744	272.13	1701.83
6	GUIDE	896404784	9.32	2134	-0.091	-0.067	0.119	0.190	265.491289	-29.092670	-689.49	-2146.11
7	GUIDE	896403520	9.00	2137	0.053	0.009	0.083	0.134	265.626481	-28.748780	-1962.46	-1839.32

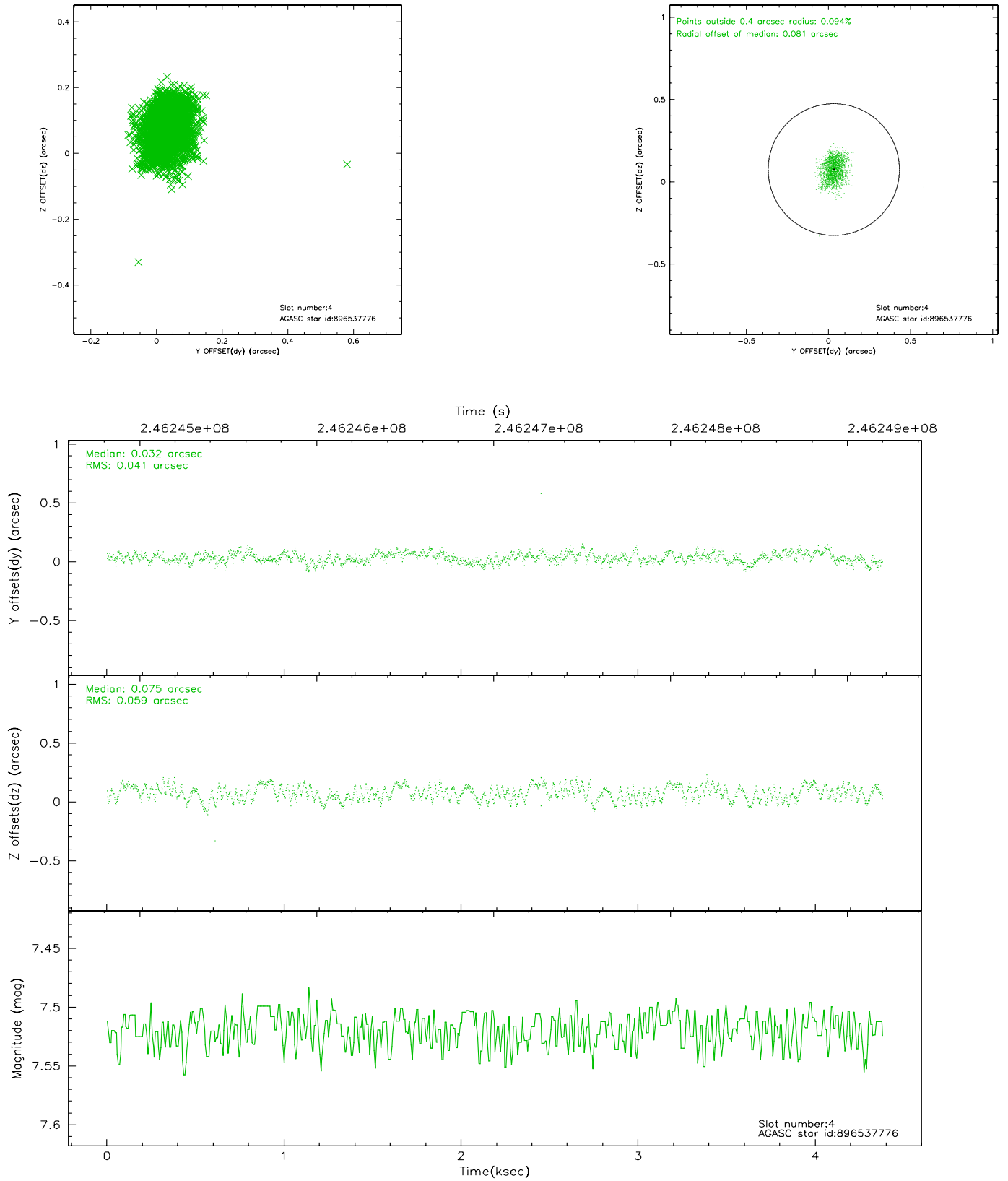


## 2.4 Star Slots

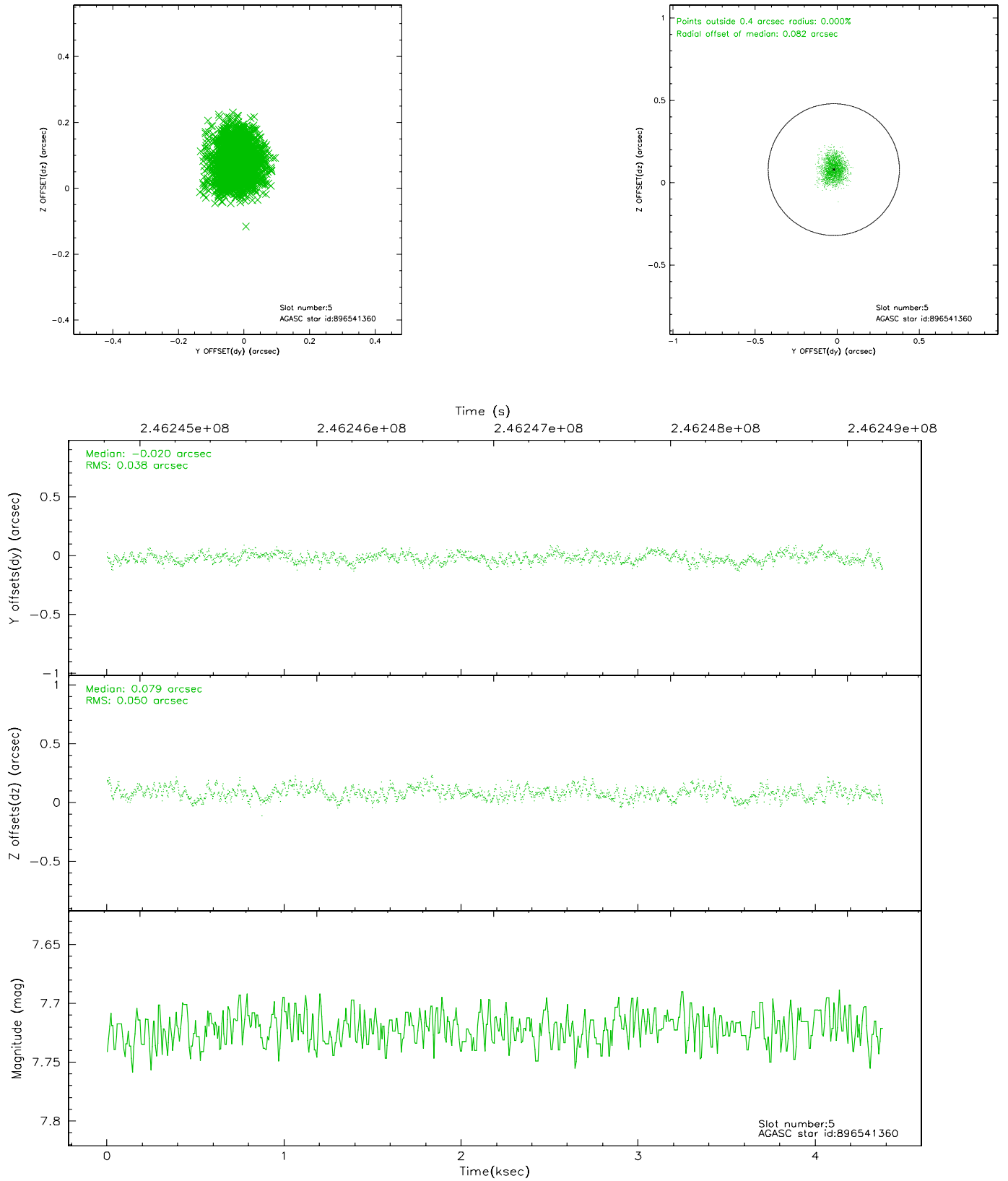
### 2.4.1 Slot 3



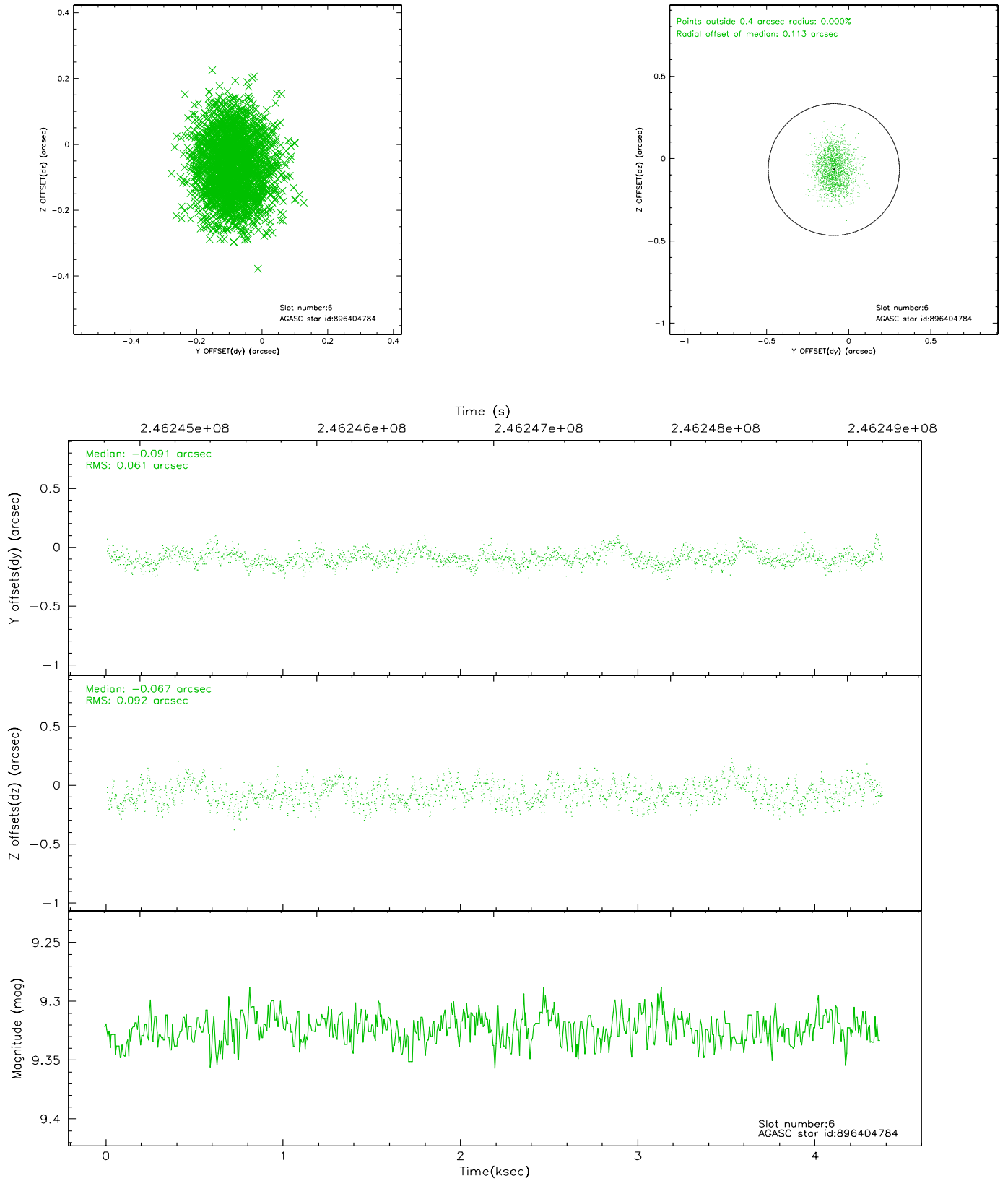
## 2.4.2 Slot 4



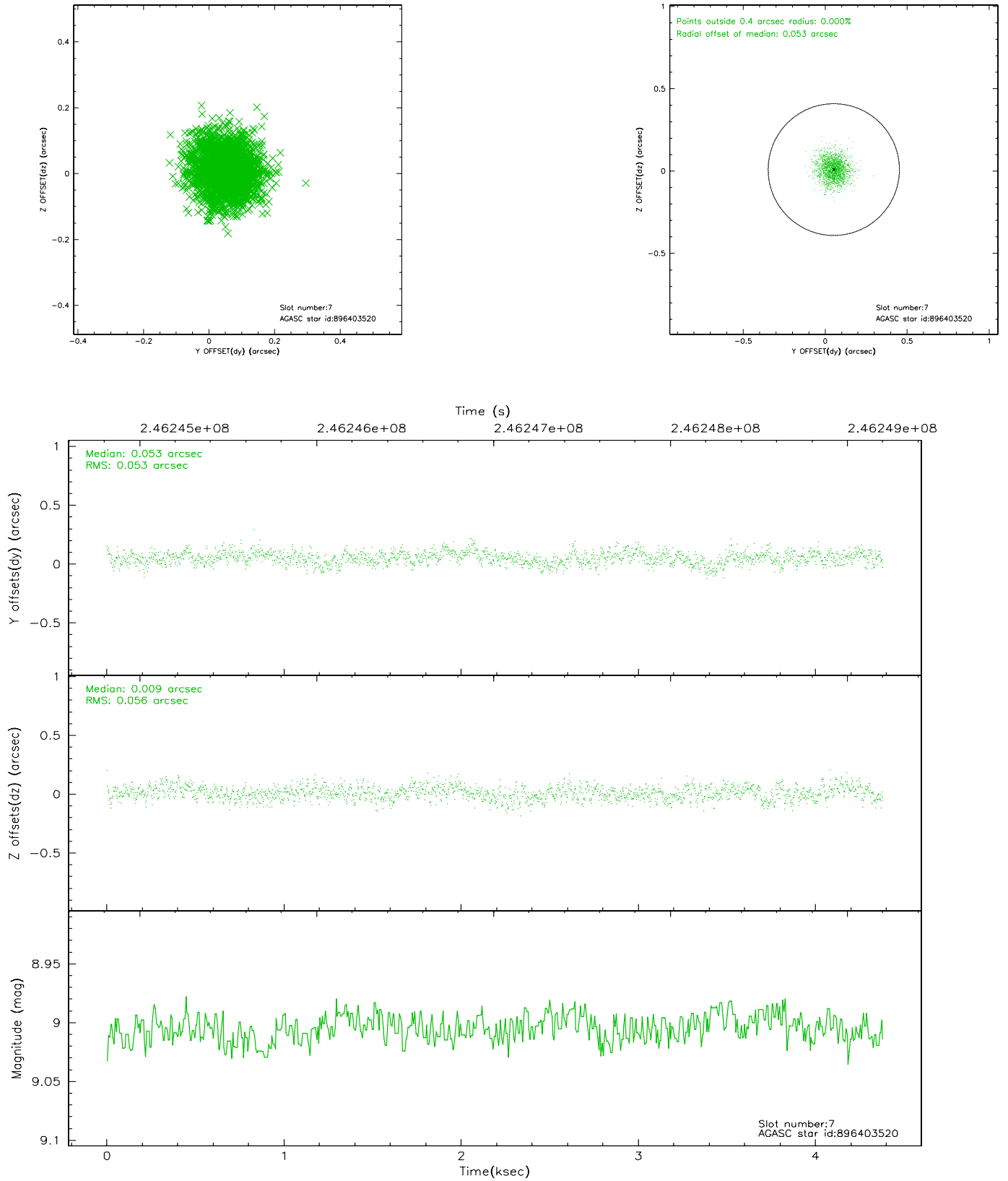
### 2.4.3 Slot 5



## 2.4.4 Slot 6

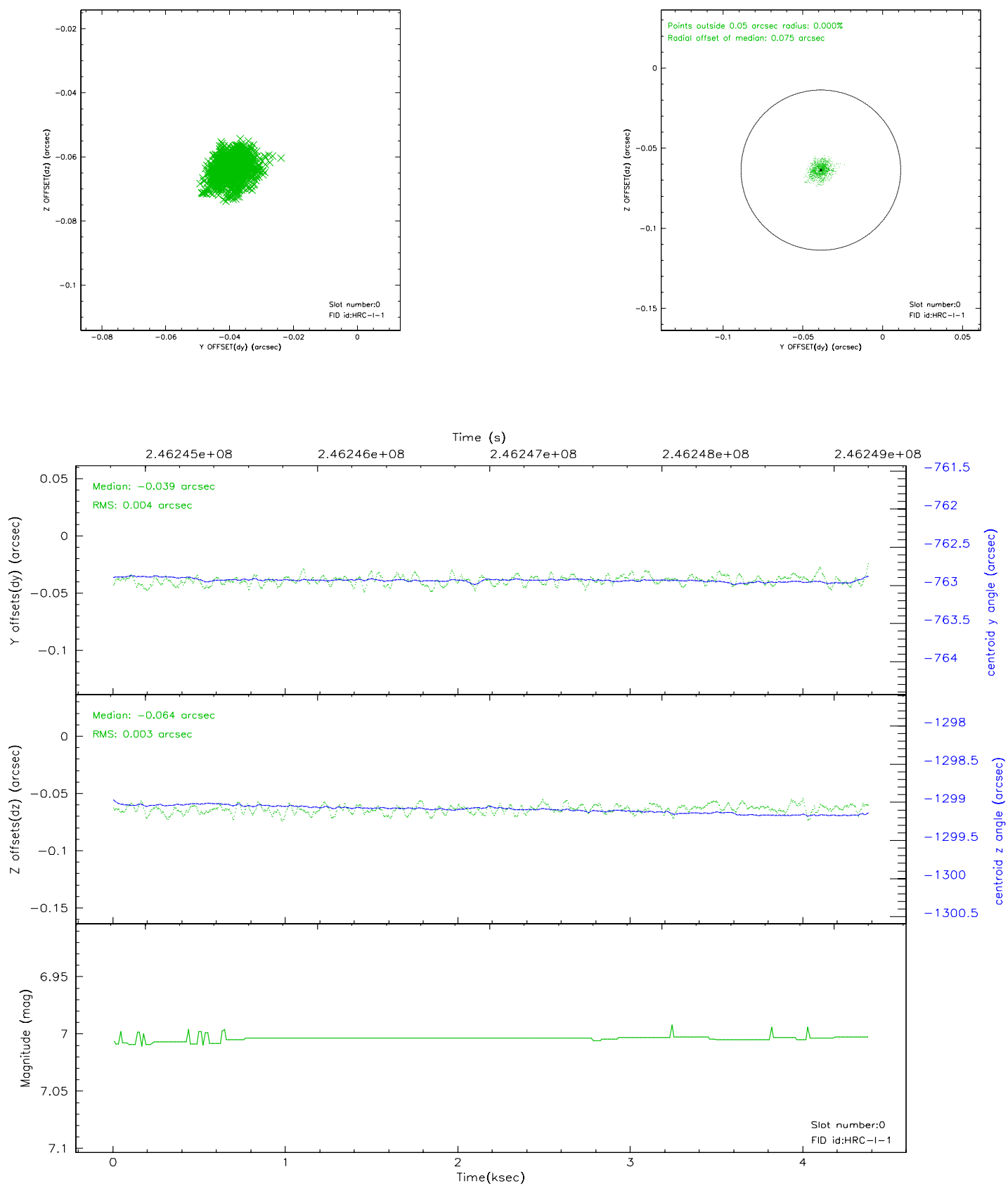


## 2.4.5 Slot 7

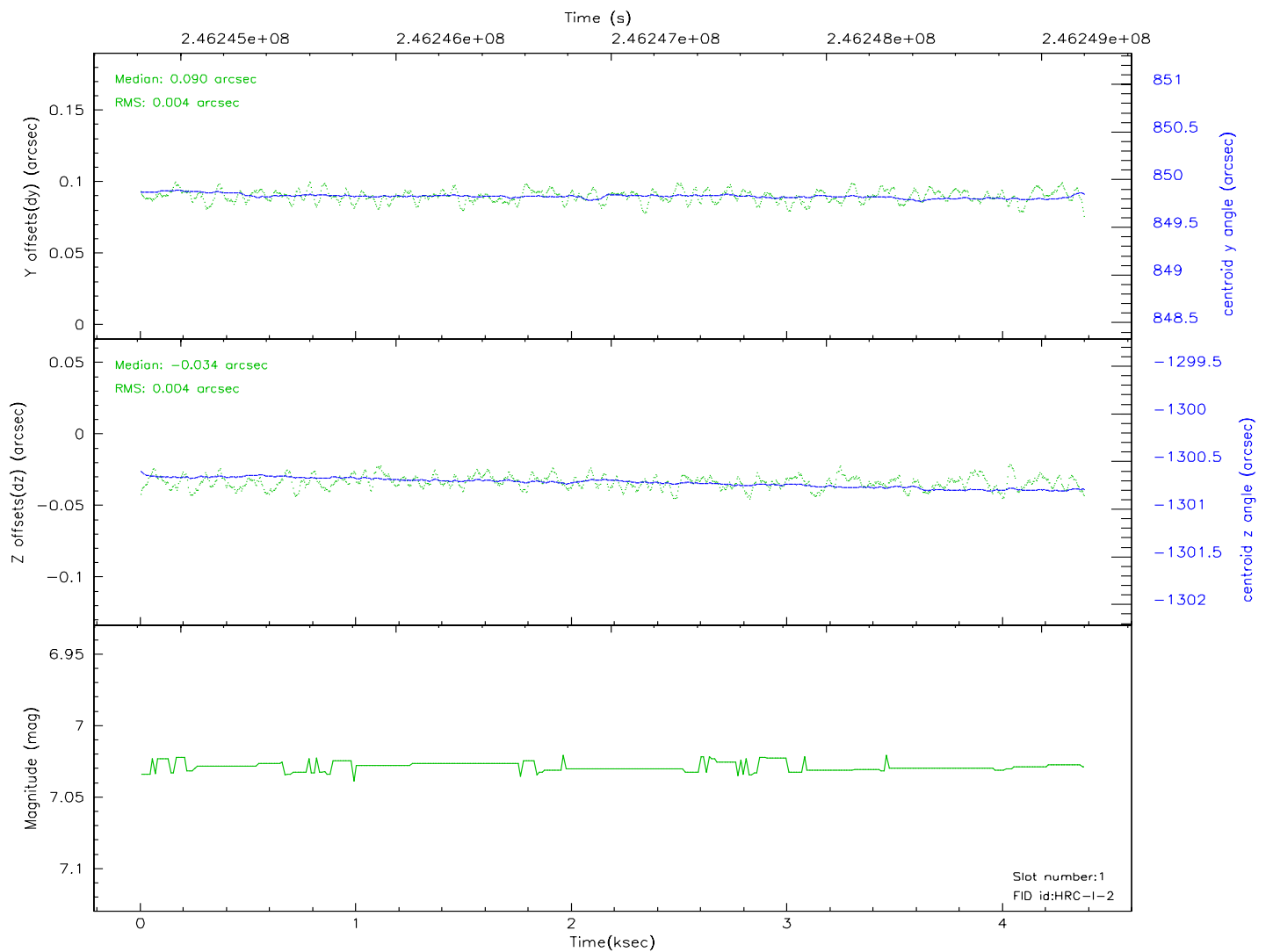
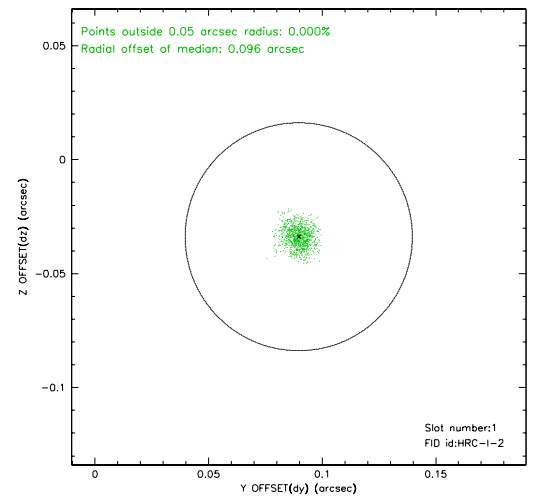
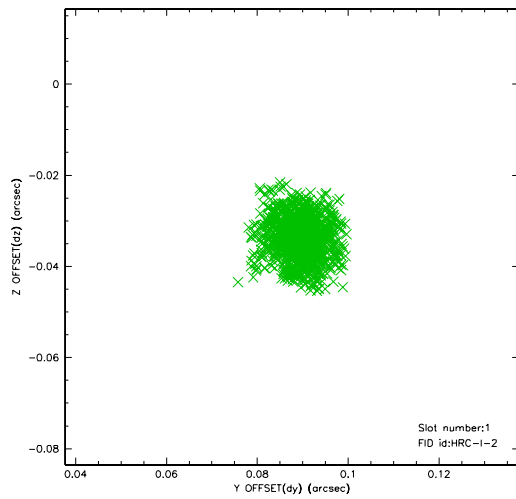


## 2.5 FID Slots

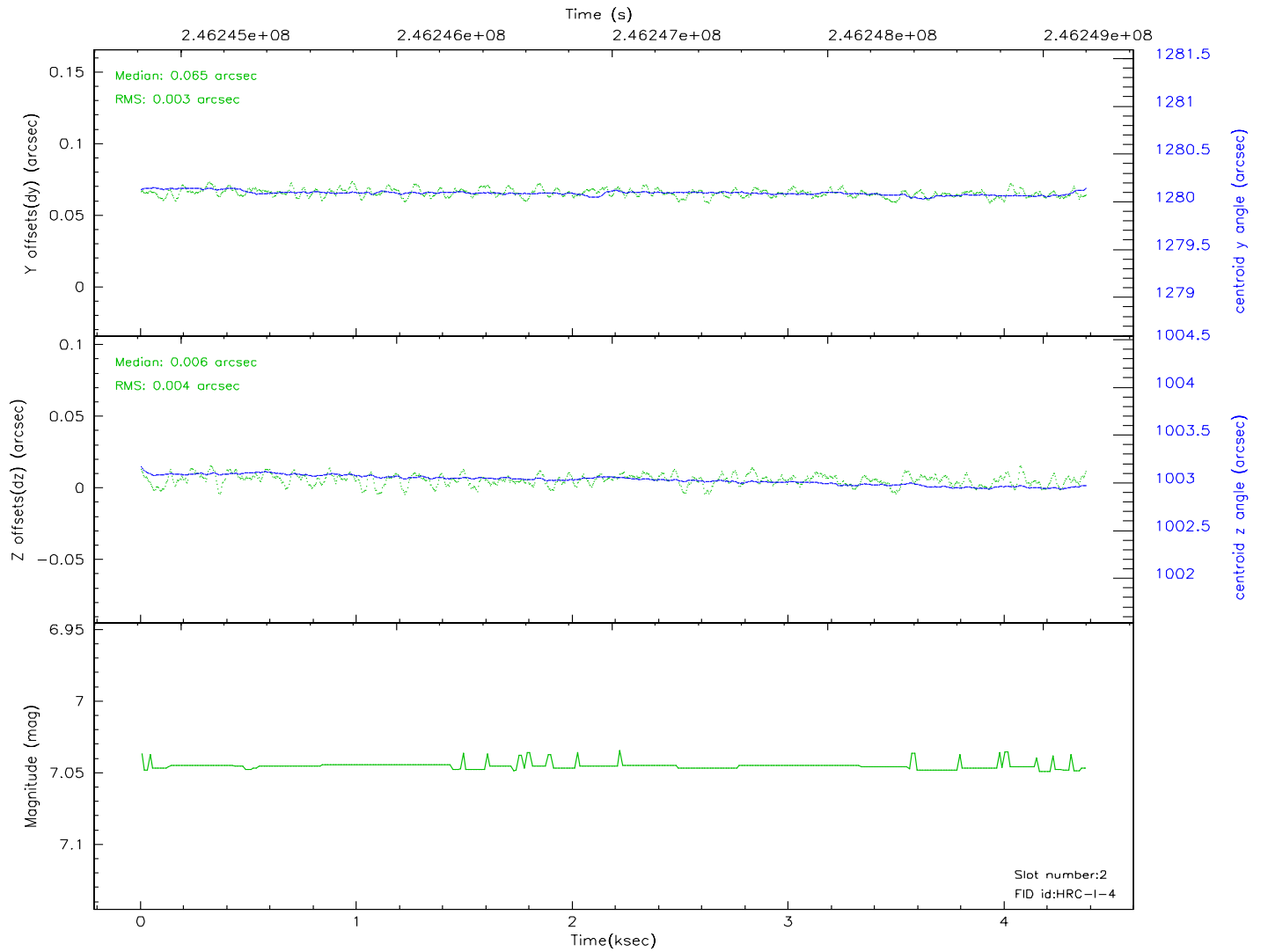
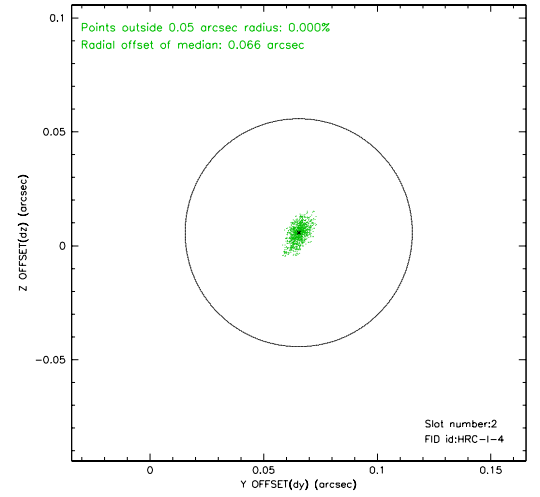
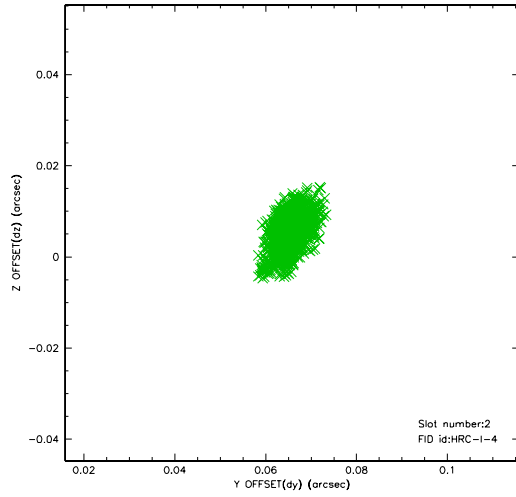
### 2.5.1 Slot 0



## 2.5.2 Slot 1

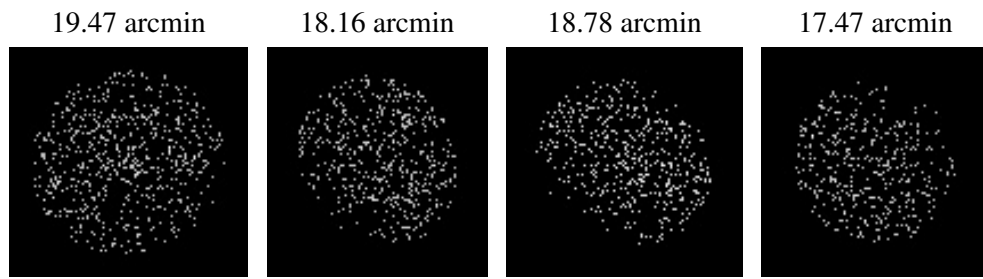


### 2.5.3 Slot 2





### 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	4.380081

## 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.