

# V&V Reference Report

## L2 ASCDS Version : 7.6.10

Observation 674 - L2 Version 5  
Chandra X-Ray Center

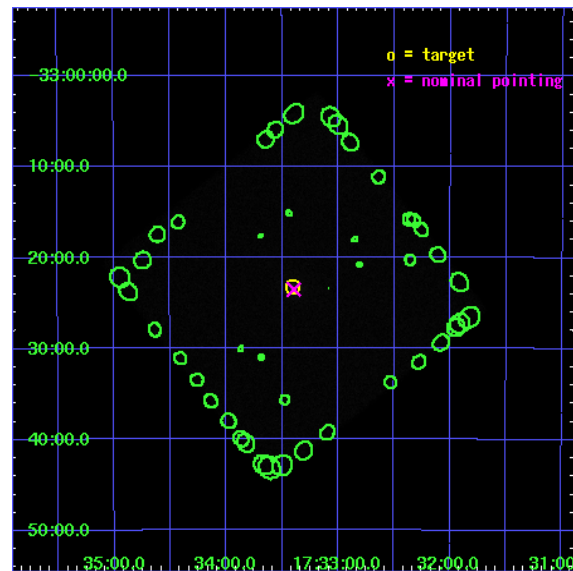
L2 Processing Date : Nov 20 2007

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# 1 Front

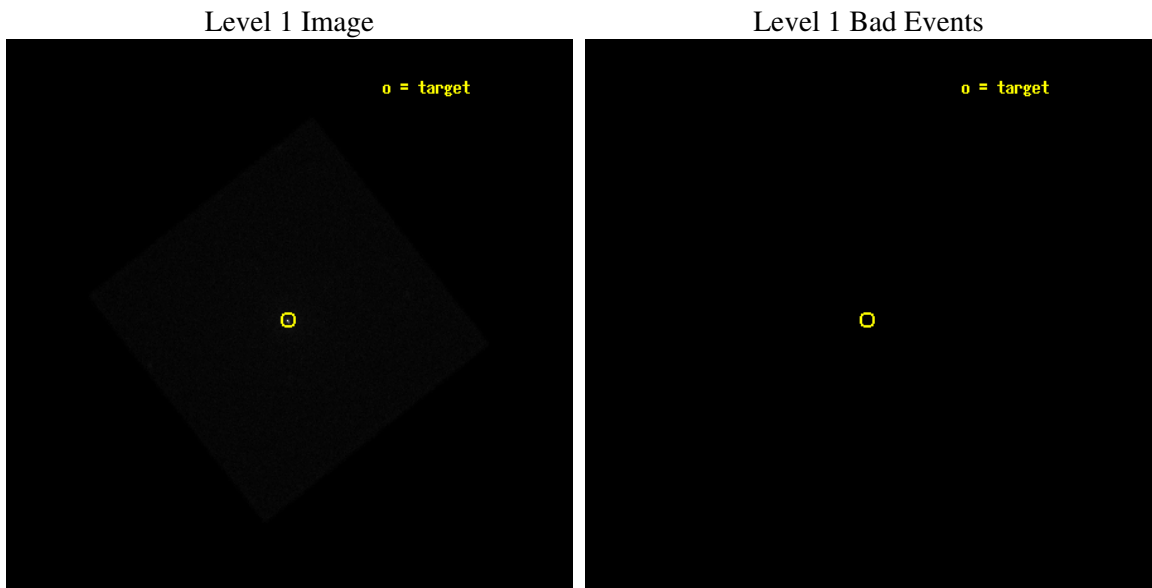
seq_num	400041
obs_id	674
title	THE LUMINOUS BURSTING X-RAY SOURCES IN GLOBULAR CLUSTER CORES: LOCATION, LOCATION, AND LOCATION
observer	Dr. Bruce Margon
object	LILLER 1
ra_targ	263.35
dec_targ	-33.387889
ra_nom	263.34850255824
dec_nom	-33.392084658471
roll_nom	276.78199541921
revision	5
ontime	15120.80056186
livetime	15041.42561154
l2events	483955



## 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	2007-11-20T12:51:29
revision	5

sched_exp_time	15250.000000
ontime	15122.08181262
l1events	687868

### 2.1.3 Events

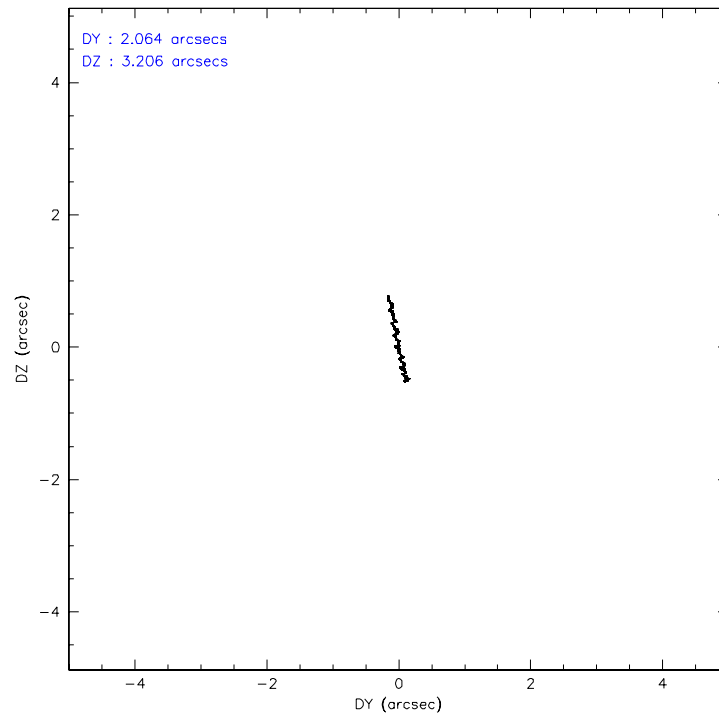
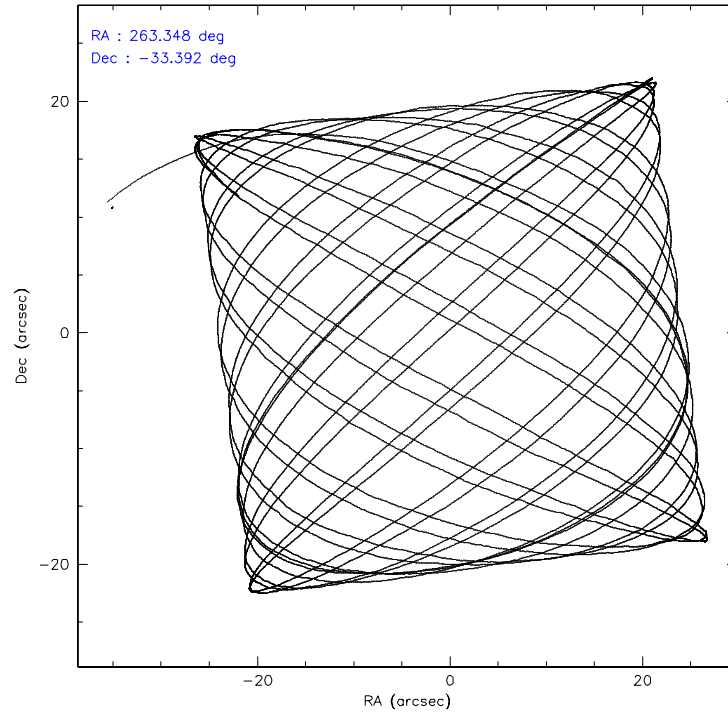
#### Level 1 Events

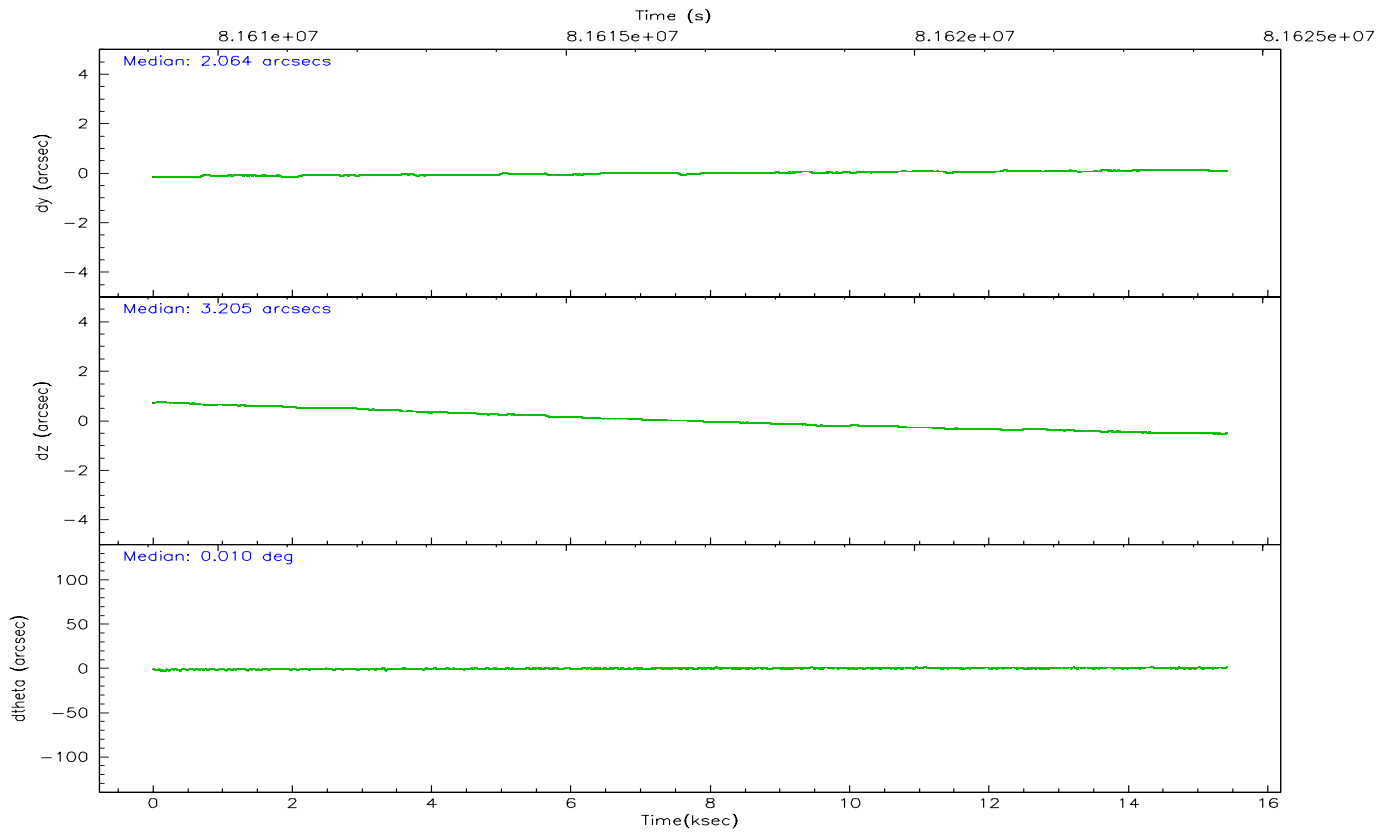
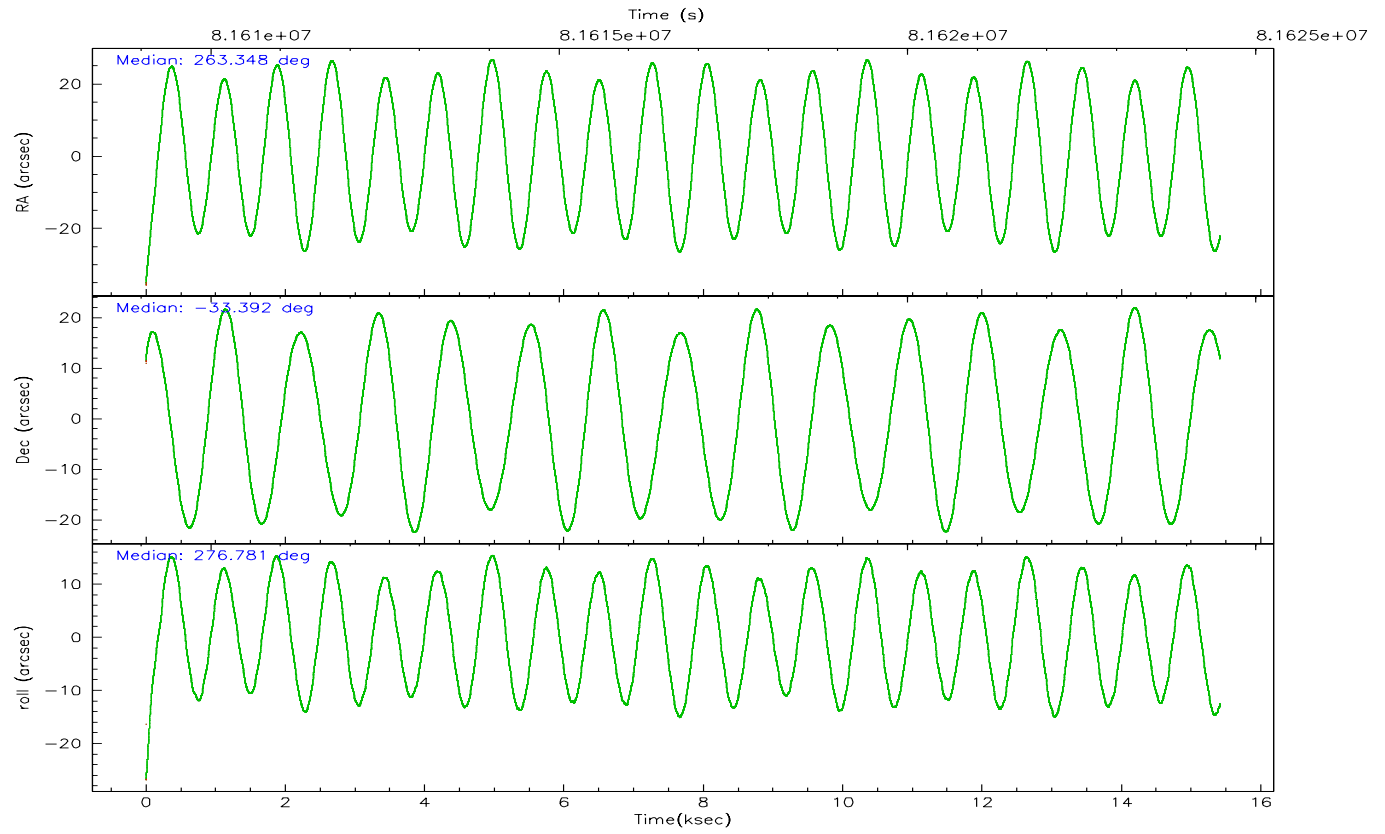
	<b>segment 0</b>
level 1 events	687868
rejected events	6052
rejected %	0%

## 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	263.328605	263.3485025582393			
Pointing Dec	-33.370575	-33.39208465847128			
Pointing Roll	276.866538	276.7819954192068			
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	81609241.184000	81608229.84385601			
Observation start date	2000-08-02T13:12:57	2000-08-02T12:57:09			
Observation end time	81624491.184000	81625391.419494			
Observation end date	2000-08-02T17:27:07	2000-08-02T17:43:11			

## 2.3 Aspect





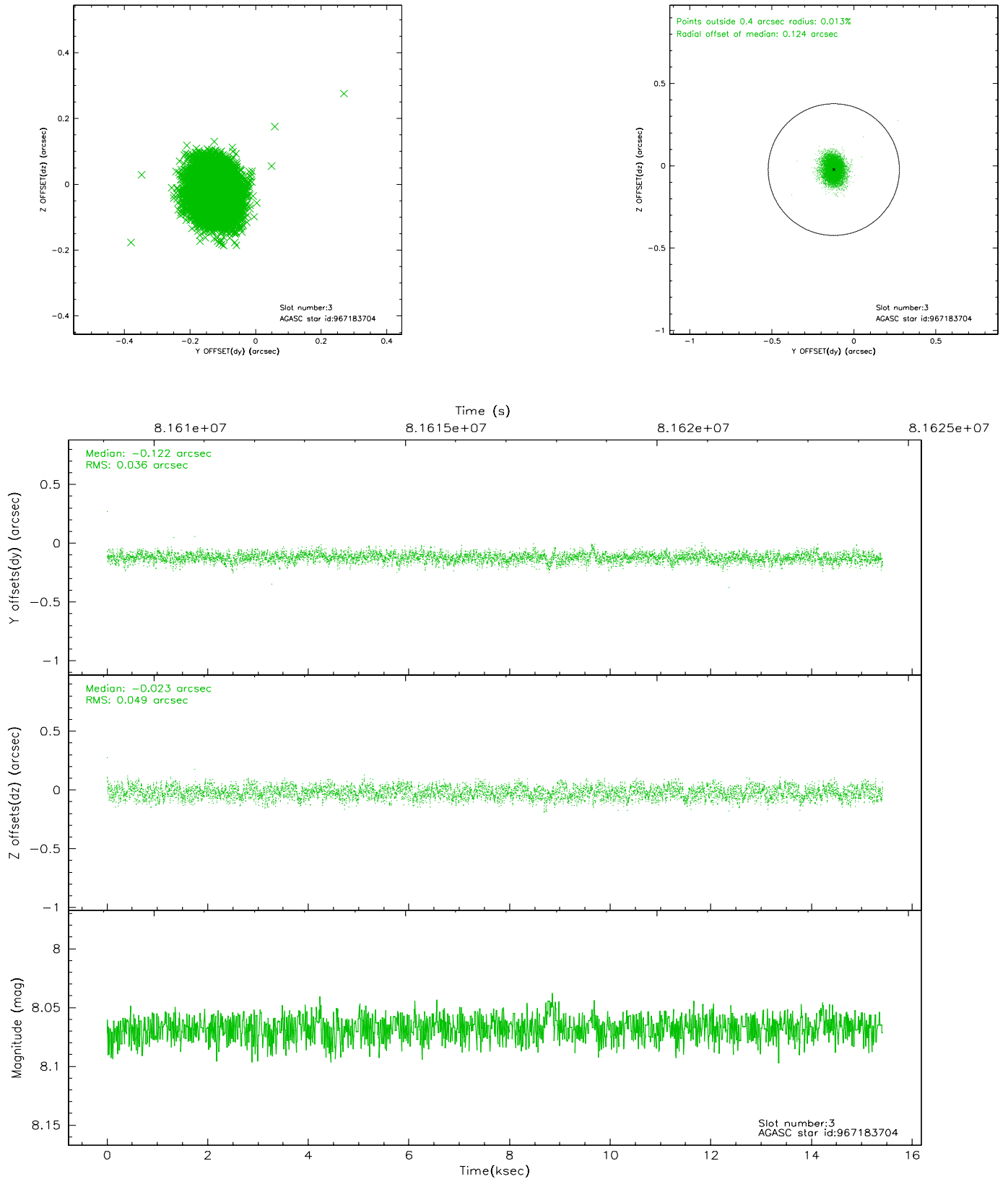
### Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.97	3761	0.066	0.027	0.018	0.026	0.000000	0.000000	-757.48	-1290.99
1	FID	HRC-I-3	7.06	3761	0.022	-0.049	0.020	0.032	0.000000	0.000000	-1186.15	1013.17
2	FID	HRC-I-4	7.01	3760	0.027	-0.066	0.006	0.012	0.000000	0.000000	1285.02	1011.31
3	GUIDE	967183704	8.07	7522	-0.122	-0.023	0.065	0.102	262.631346	-32.929139	-1823.40	-1901.94
4	GUIDE	967317256	8.09	7522	0.031	0.043	0.064	0.103	263.882219	-33.739808	1521.46	1486.60
5	GUIDE	967839296	8.88	7520	0.161	0.132	0.073	0.119	263.977471	-33.849034	1947.87	1720.61
6	GUIDE	967185608	9.10	7521	-0.040	-0.071	0.075	0.124	262.958383	-32.891137	-1845.77	-904.16
7	GUIDE	967314224	9.53	7508	-0.029	-0.081	0.098	0.166	263.382891	-33.073435	-1043.28	291.05

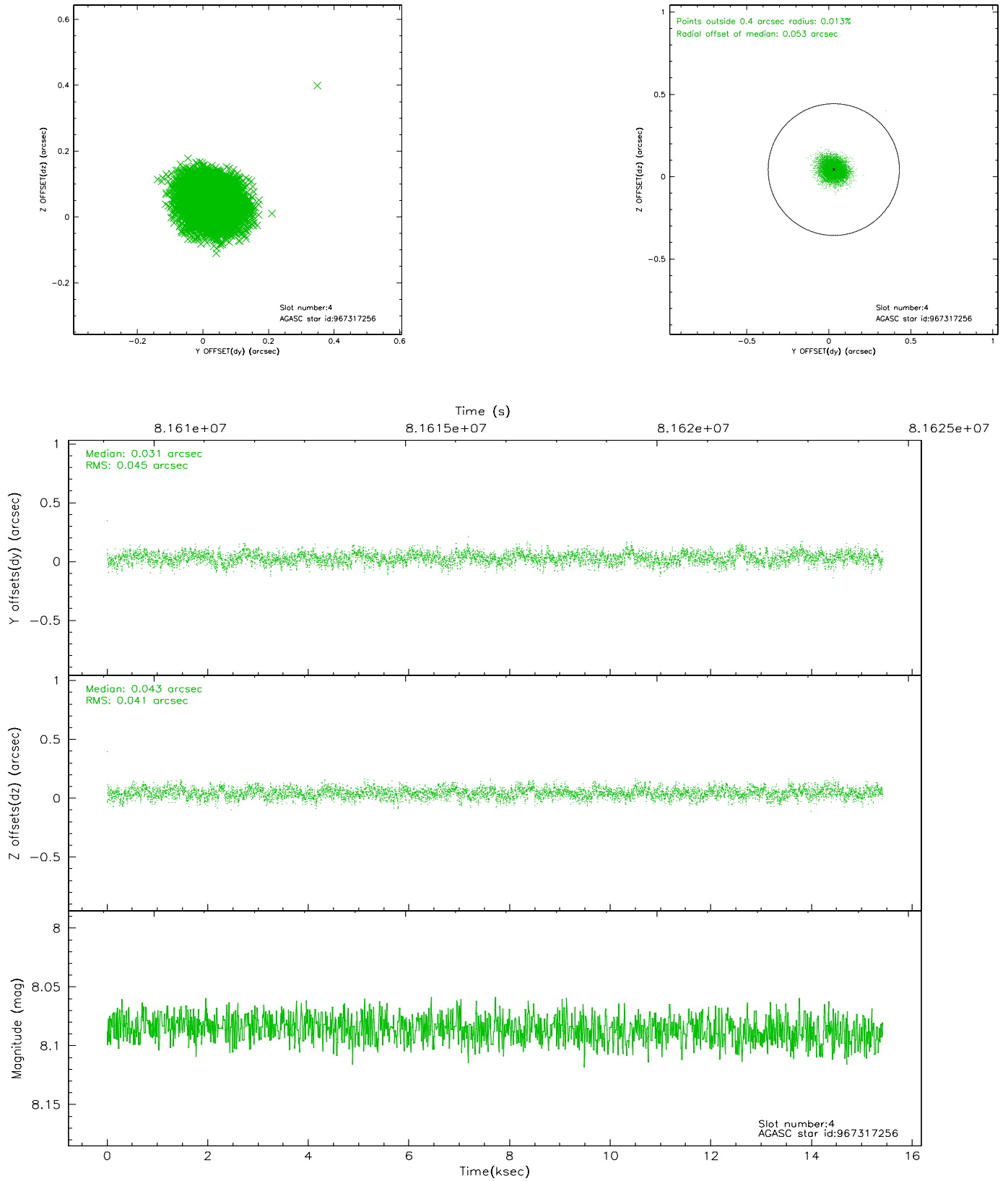


## 2.4 Star Slots

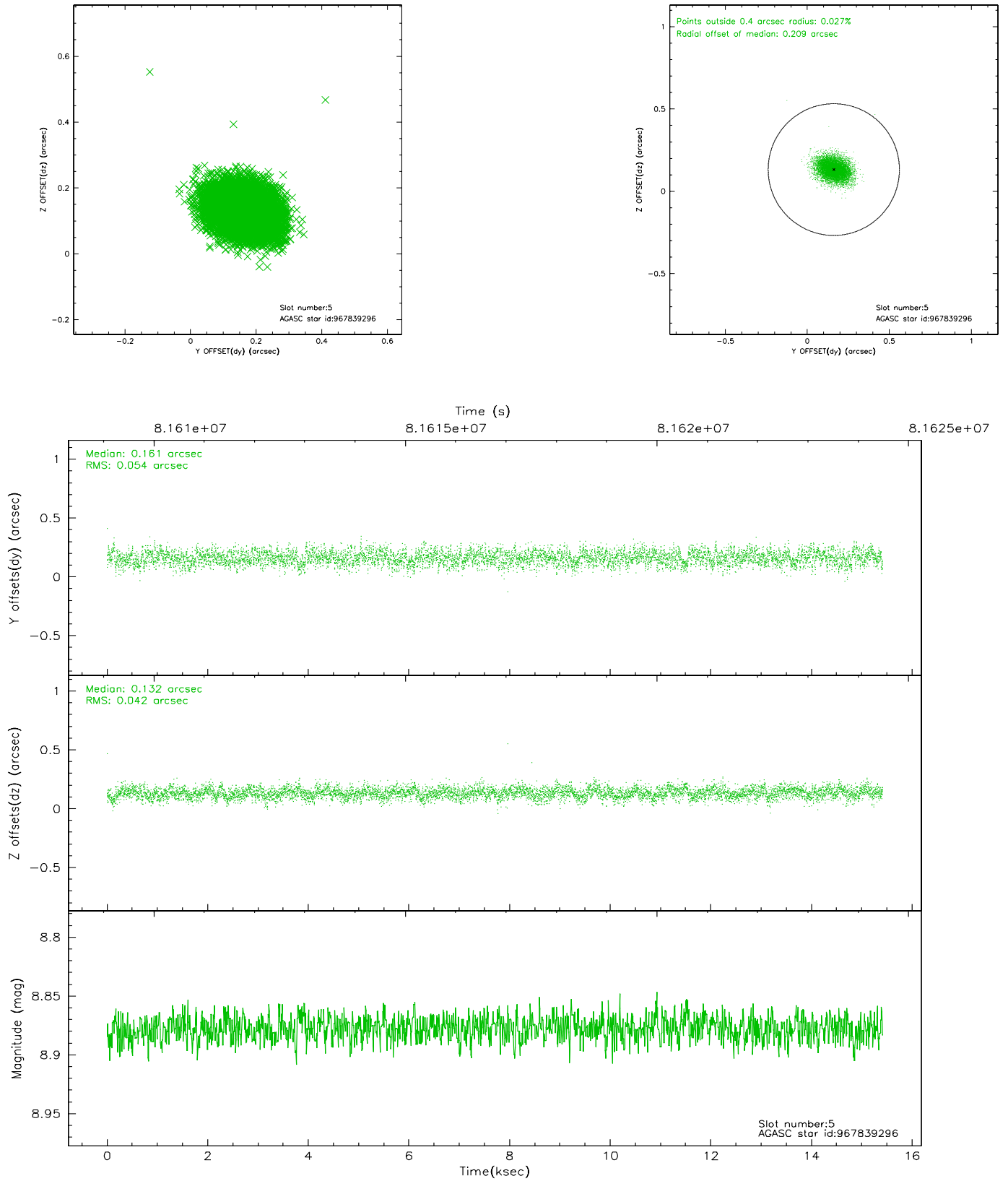
### 2.4.1 Slot 3



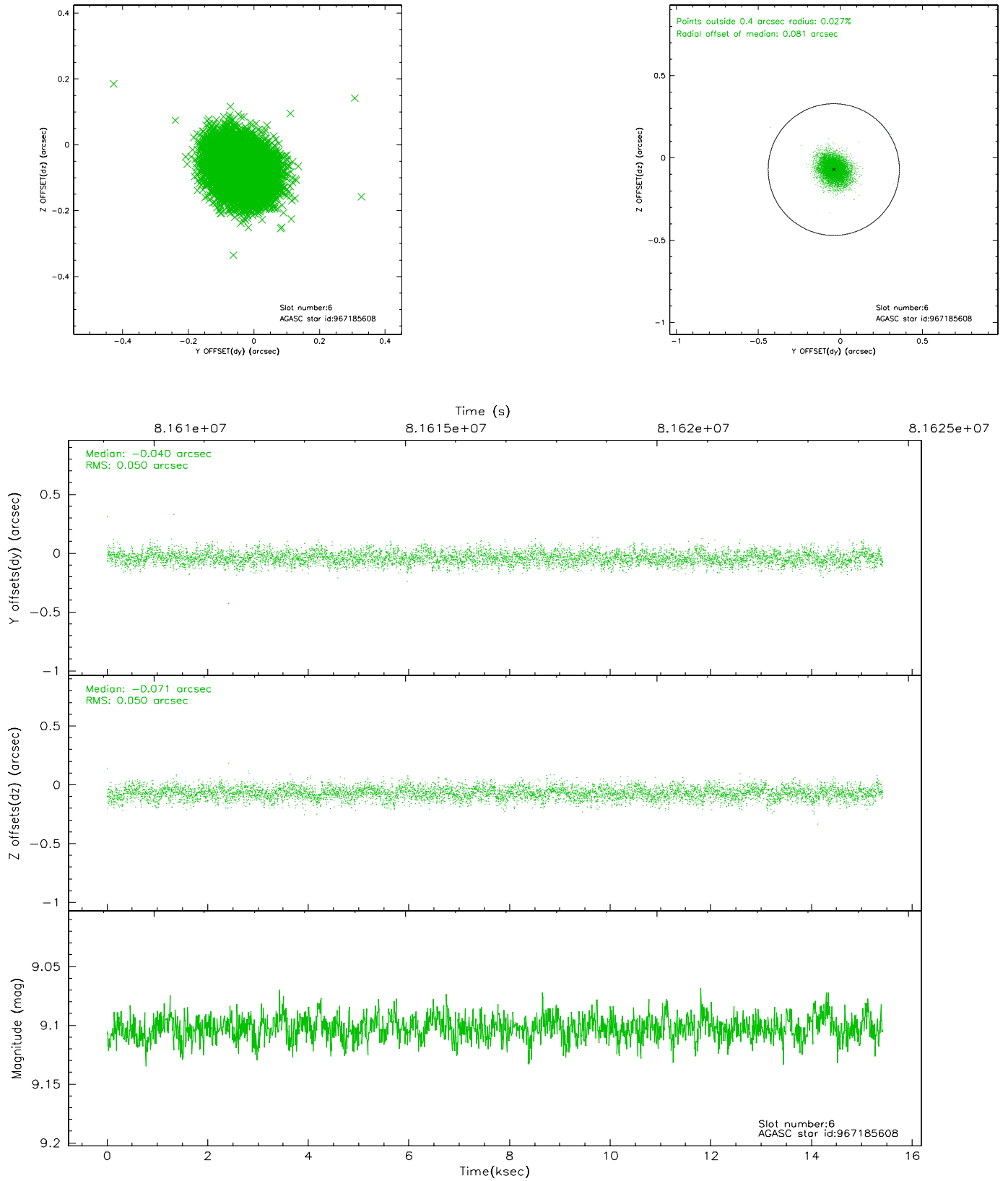
## 2.4.2 Slot 4



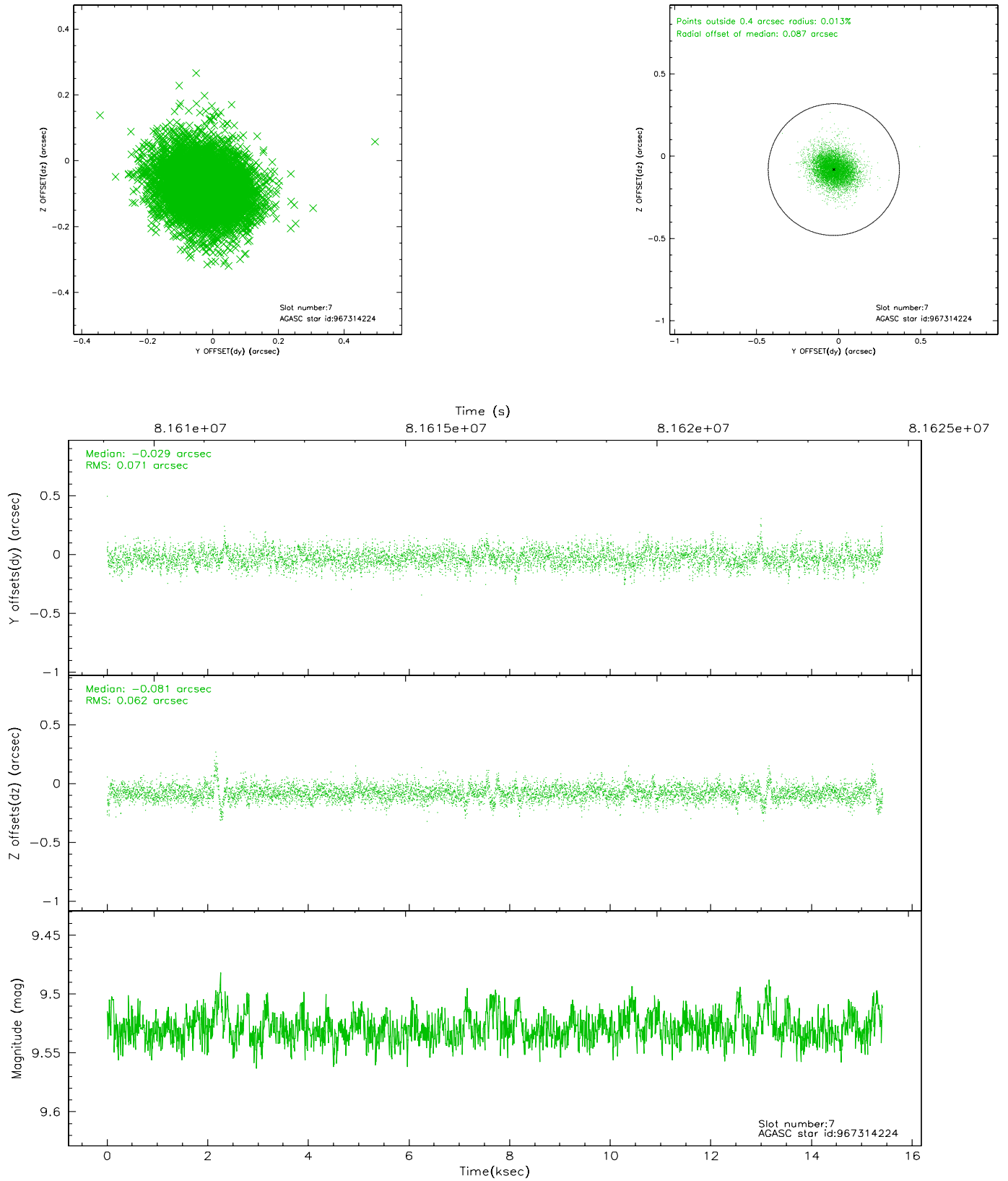
### 2.4.3 Slot 5



## 2.4.4 Slot 6

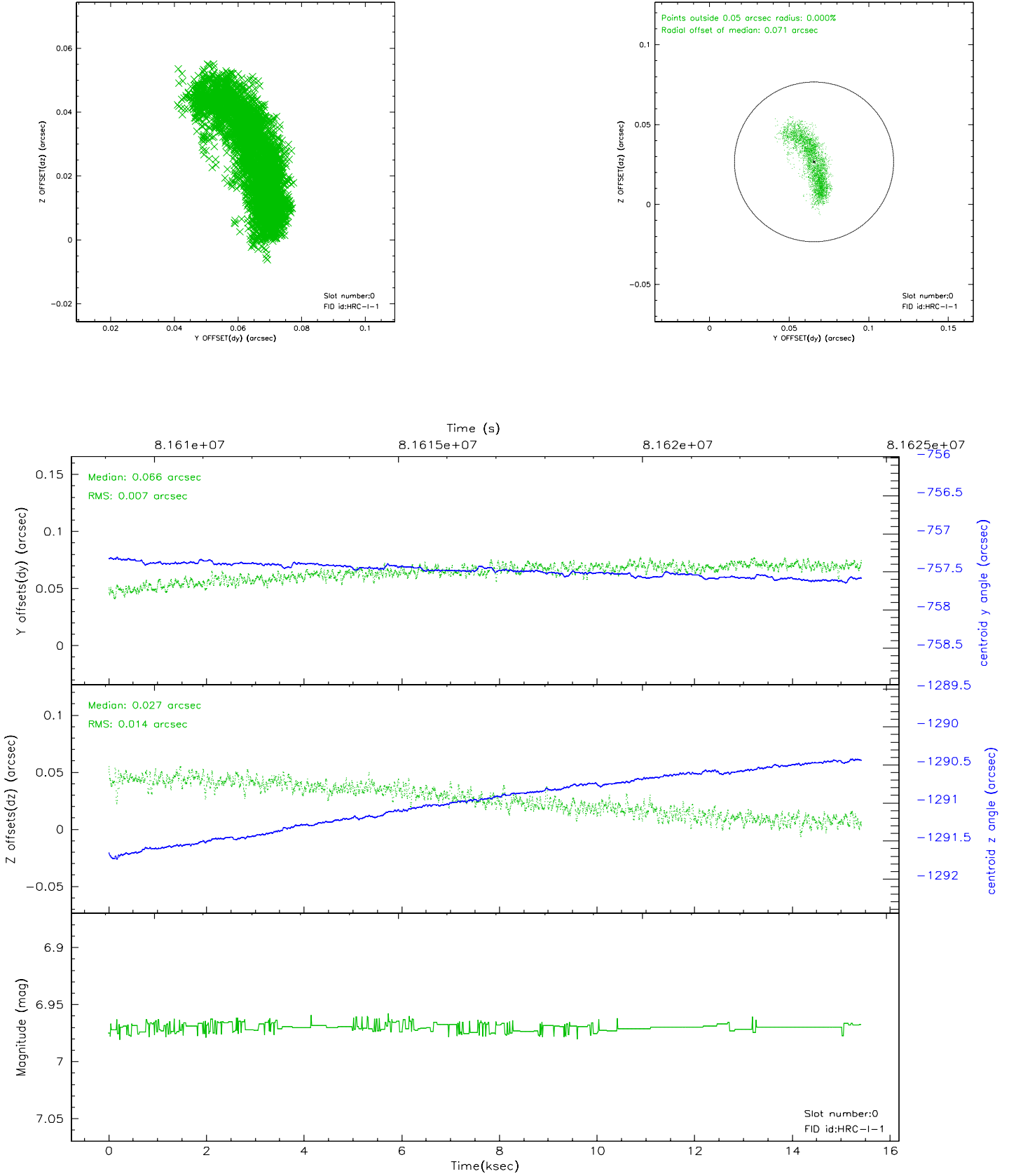


## 2.4.5 Slot 7

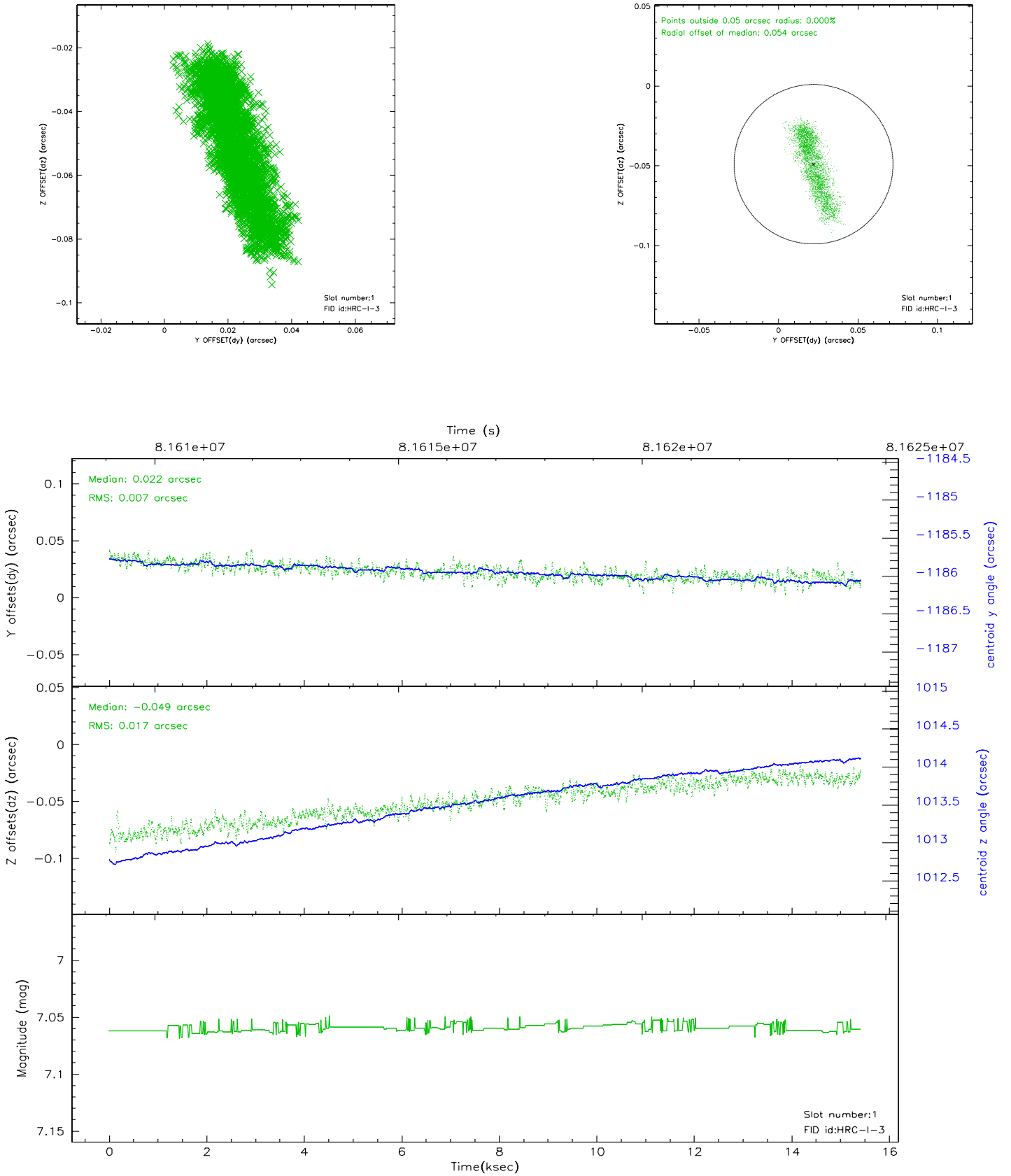


## 2.5 FID Slots

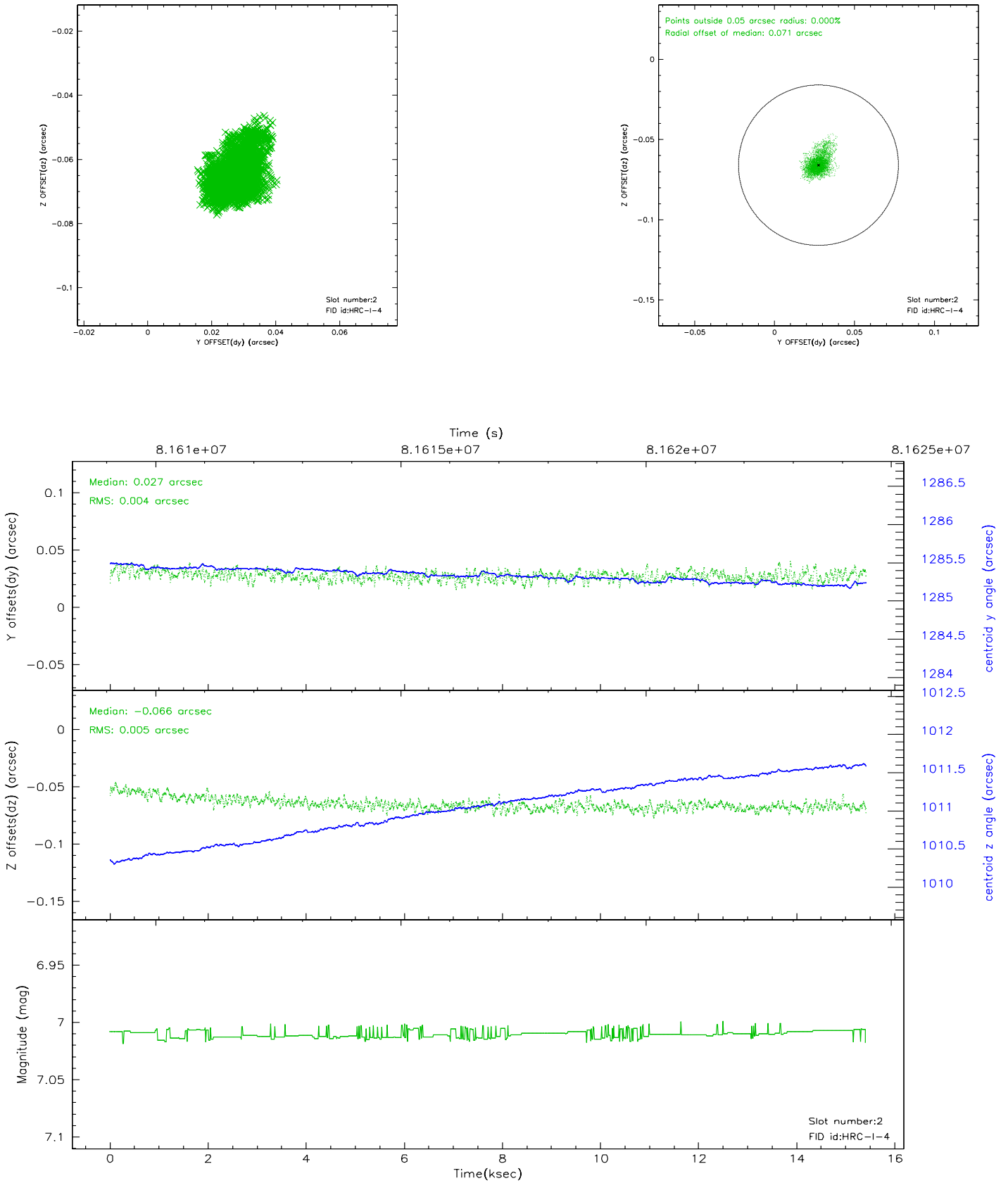
### 2.5.1 Slot 0



## 2.5.2 Slot 1

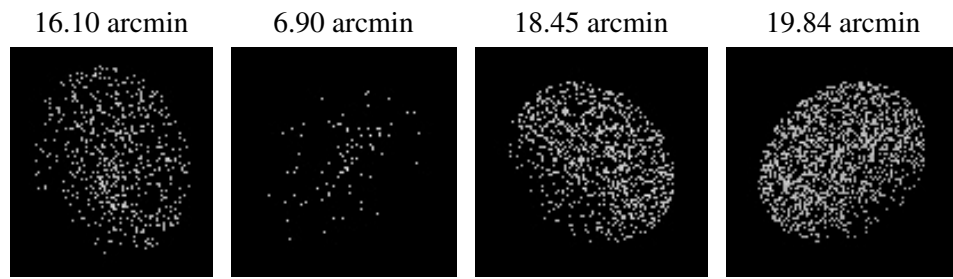


### 2.5.3 Slot 2





### 3 Point Sources



# A Summary

## A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.12.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	15.009

## 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.