

# V&V Reference Report

## L2 ASCDS Version : 7.6.10

Observation 607 - L2 Version 5  
Chandra X-Ray Center

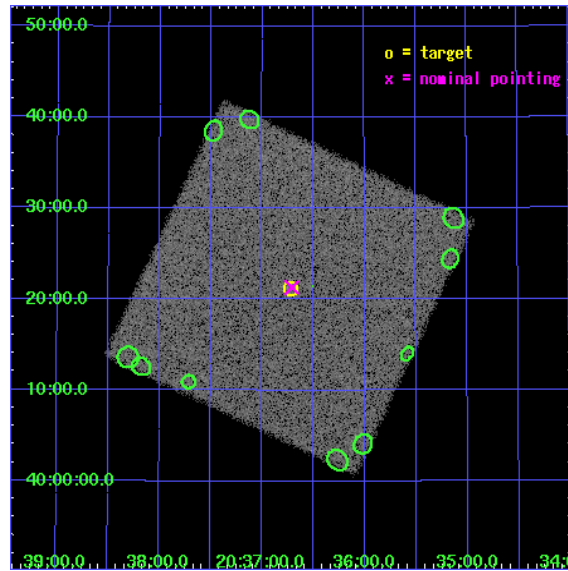
L2 Processing Date : Nov 20 2007

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# 1 Front

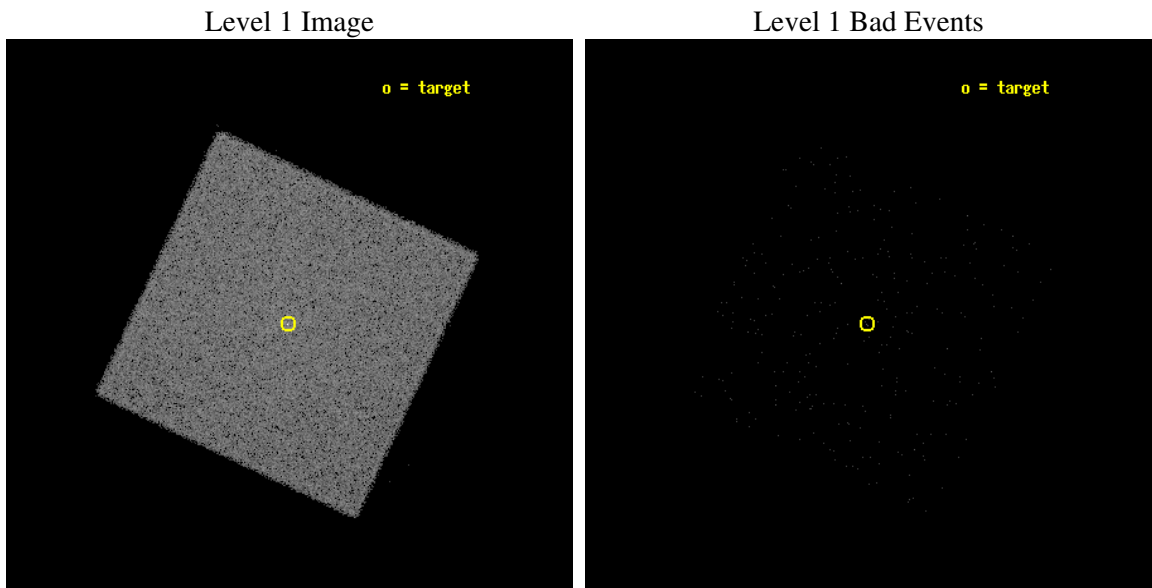
seq_num	200032
obs_id	607
title	DIRECT HRC-I IMAGING OF THE COLLIDING WINDS SHOCK IN WR 147
observer	Dr Julian Pittard
object	WR 147
ra_targ	309.18125
dec_targ	40.352222
ra_nom	309.17739580374
dec_nom	40.35535502453
roll_nom	160.31978780572
revision	5
ontime	4893.6064304113
livetime	4870.2291969326
l2events	117425



## 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	2007-11-20T12:51:08
revision	5

sched_exp_time	5000.000000
ontime	4893.6064304113
l1events	183007

### 2.1.3 Events

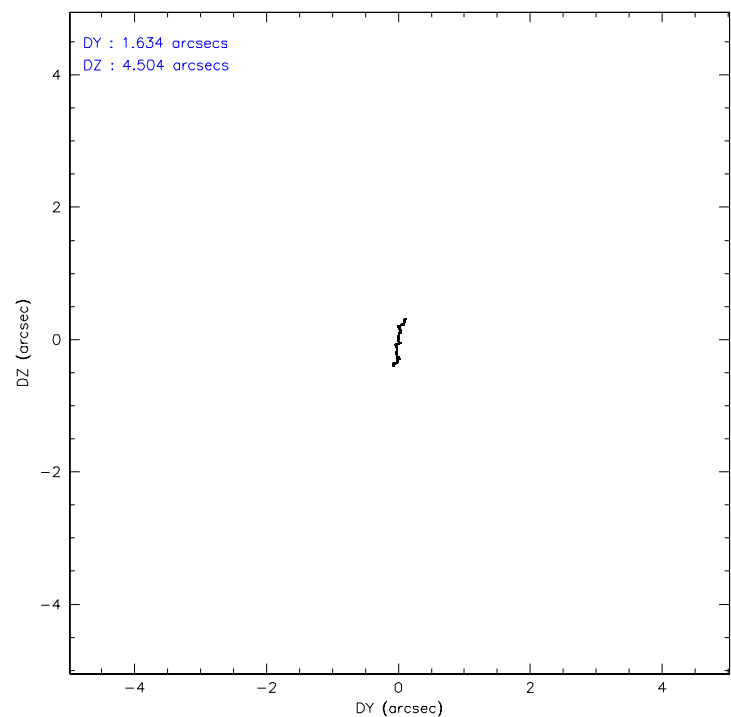
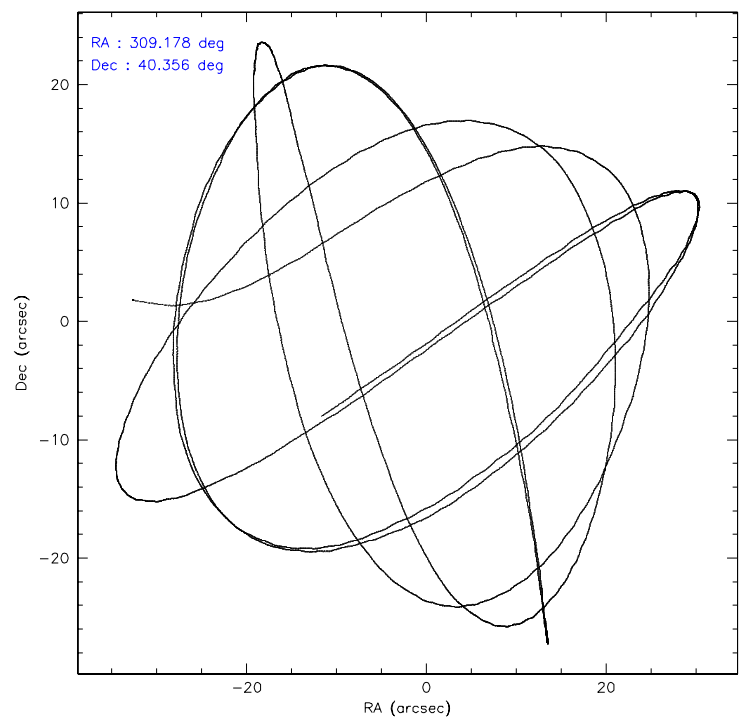
#### Level 1 Events

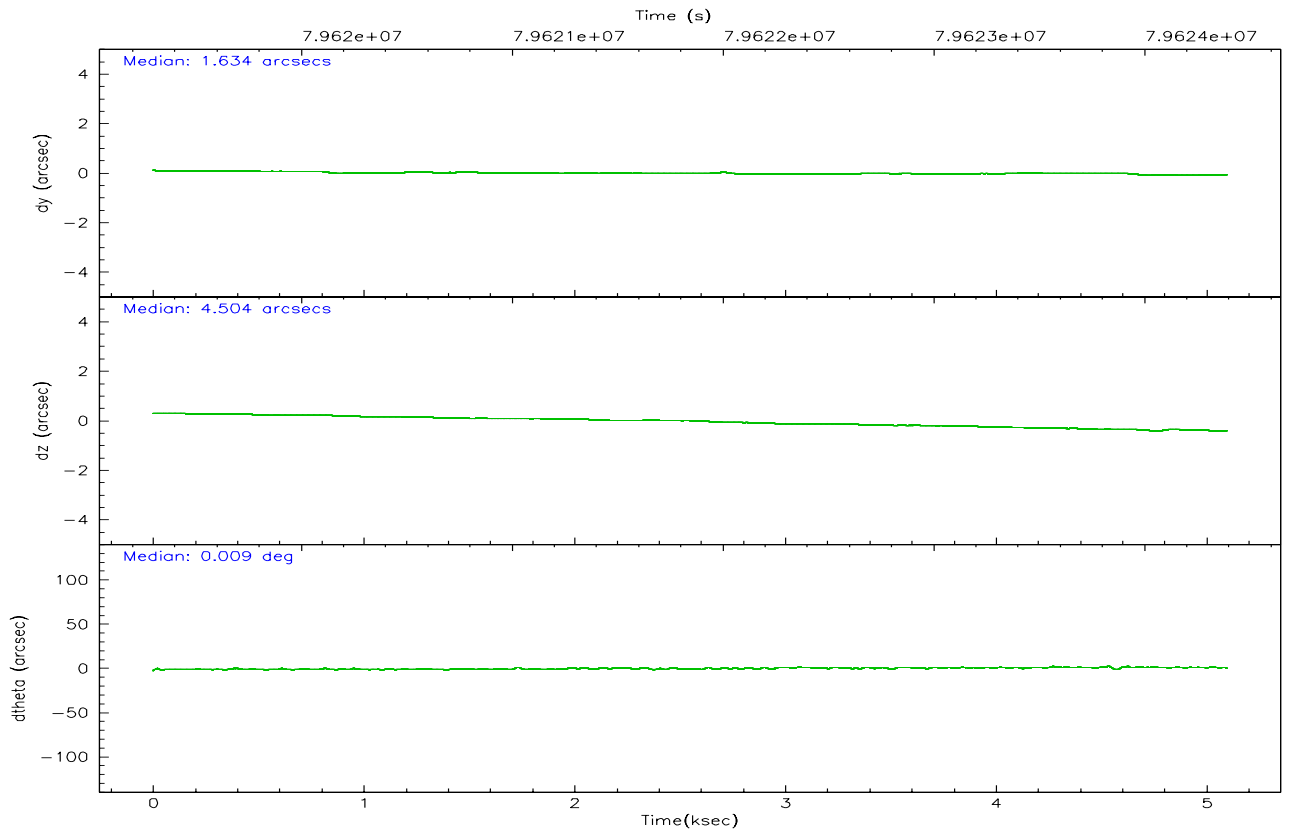
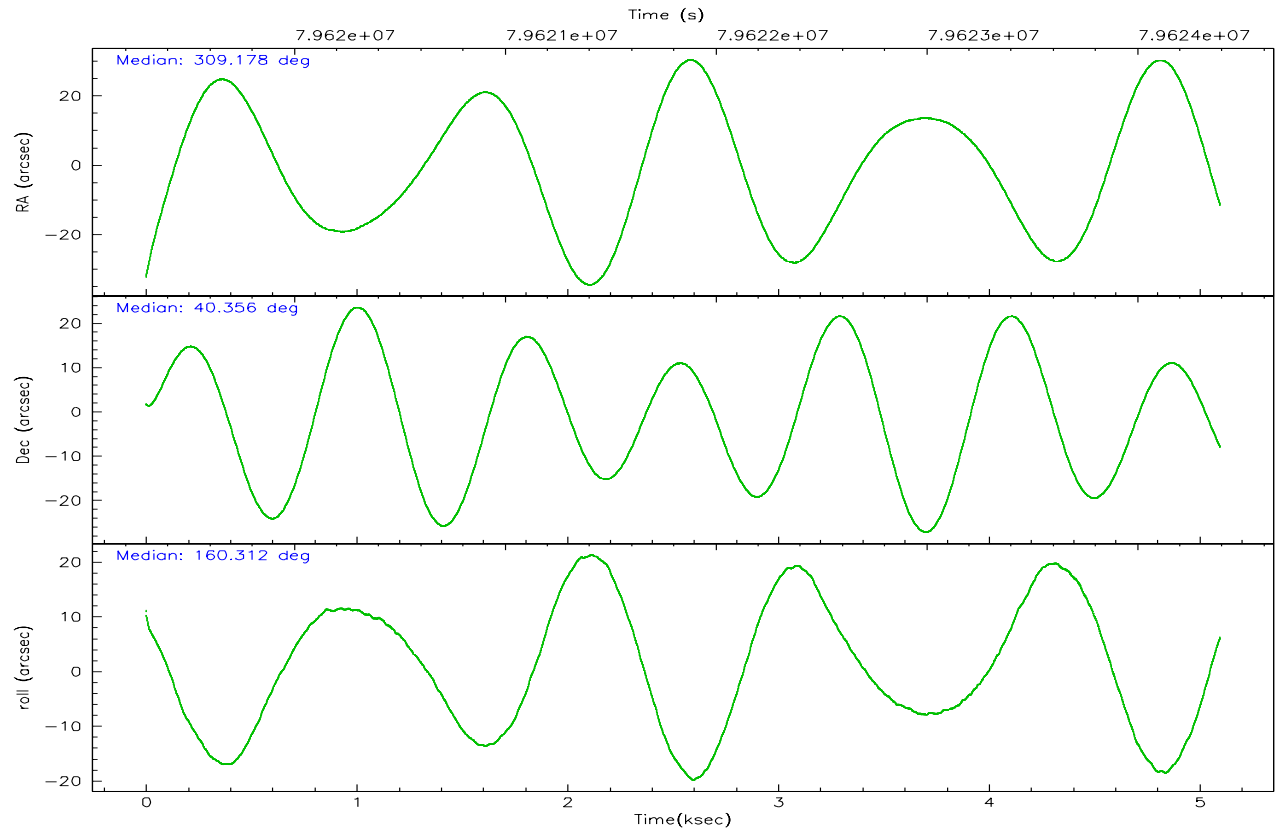
	<b>segment 0</b>
level 1 events	183007
rejected events	5648
rejected %	3%

## 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	309.212037	309.1773958037414			
Pointing Dec	40.360494	40.35535502453038			
Pointing Roll	160.392848	160.3197878057171			
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	79619391.184000	79618275.80752			
Observation start date	2000-07-10T12:28:47	2000-07-10T12:11:15			
Observation end time	79624391.184000	79625358.557781			
Observation end date	2000-07-10T13:52:07	2000-07-10T14:09:18			

2.3 Aspect





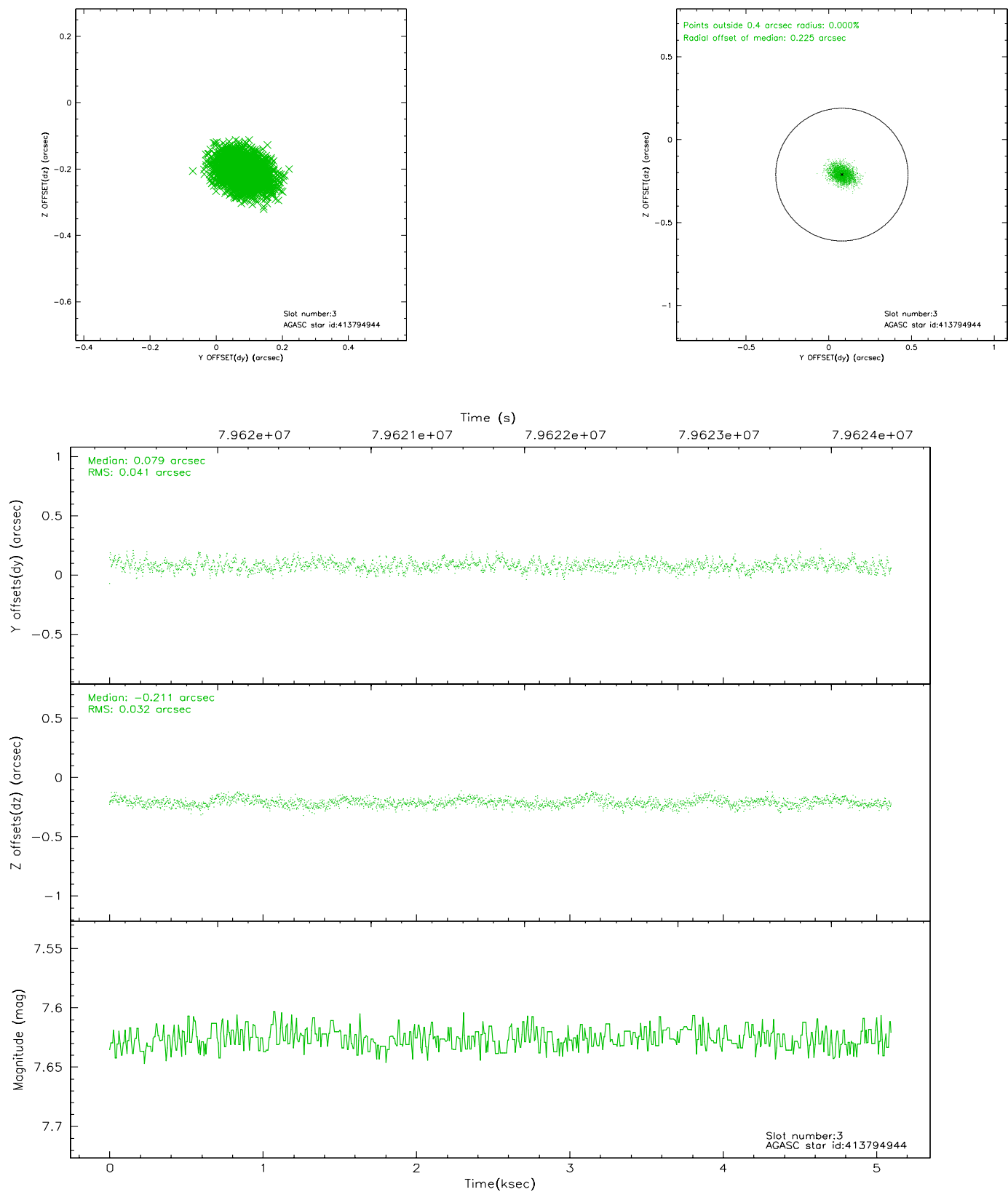
### Slot Statistics

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	1244	0.035	0.048	0.010	0.015	0.000000	0.000000	-757.04	-1292.19
1	FID	HRC-I-3	7.06	1244	0.045	-0.096	0.008	0.014	0.000000	0.000000	-1186.13	1011.19
2	FID	HRC-I-4	7.01	1244	0.034	-0.042	0.009	0.016	0.000000	0.000000	1284.80	1010.70
3	GUIDE	413794944	7.63	2488	0.079	-0.211	0.056	0.092	309.554319	39.690543	-1701.41	1952.81
4	GUIDE	413798232	8.30	2488	-0.056	0.195	0.080	0.129	309.116117	41.044272	1071.81	-2229.34
5	GUIDE	413799472	8.63	2488	-0.094	-0.115	0.092	0.140	308.718205	39.893476	722.85	2038.16
6	GUIDE	415508568	9.00	2487	0.068	0.213	0.072	0.116	310.015866	40.581838	-1798.25	-1495.66
7	GUIDE	413800112	9.64	2486	0.008	-0.080	0.119	0.192	308.445400	39.942770	1491.53	2118.76

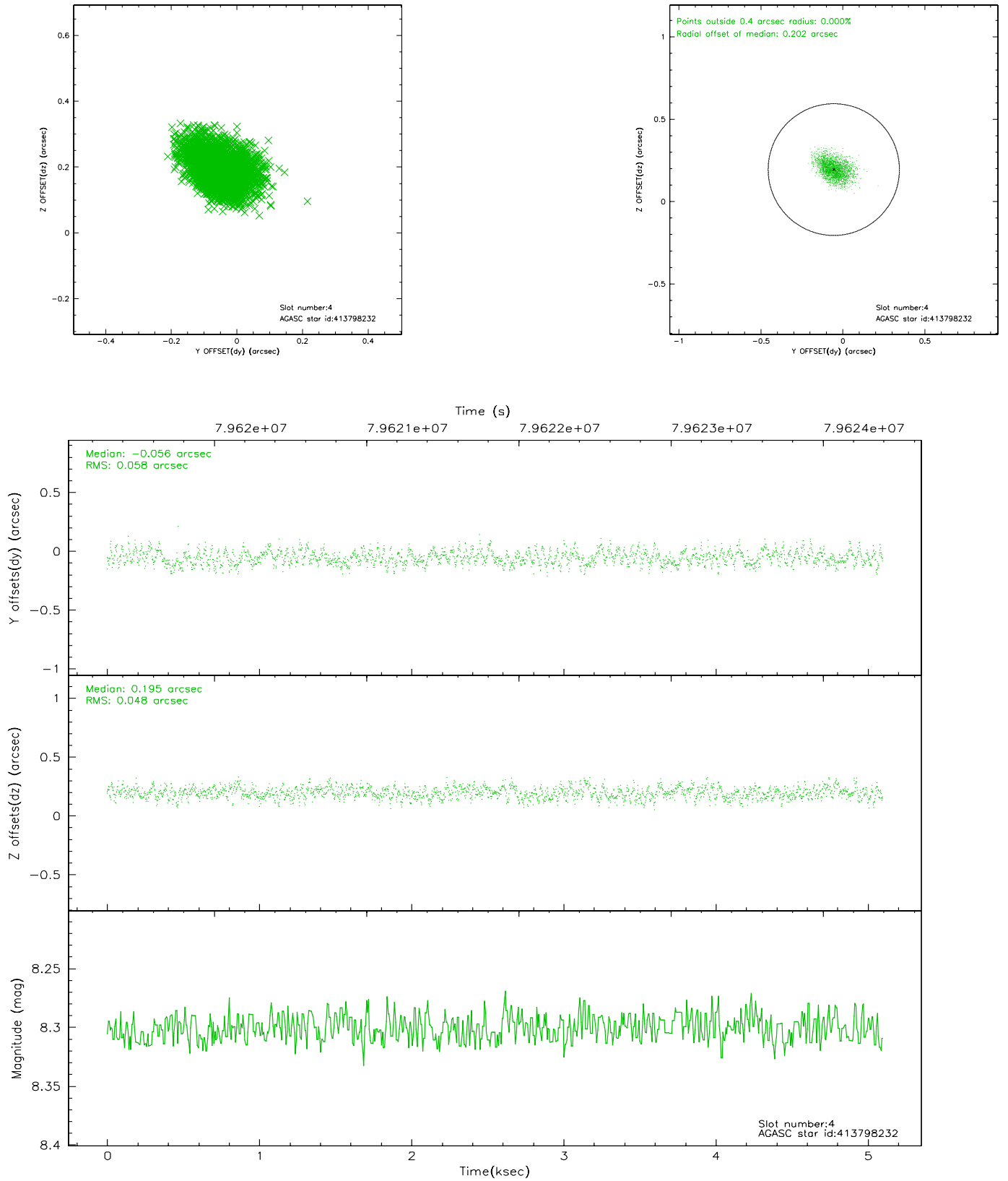


## 2.4 Star Slots

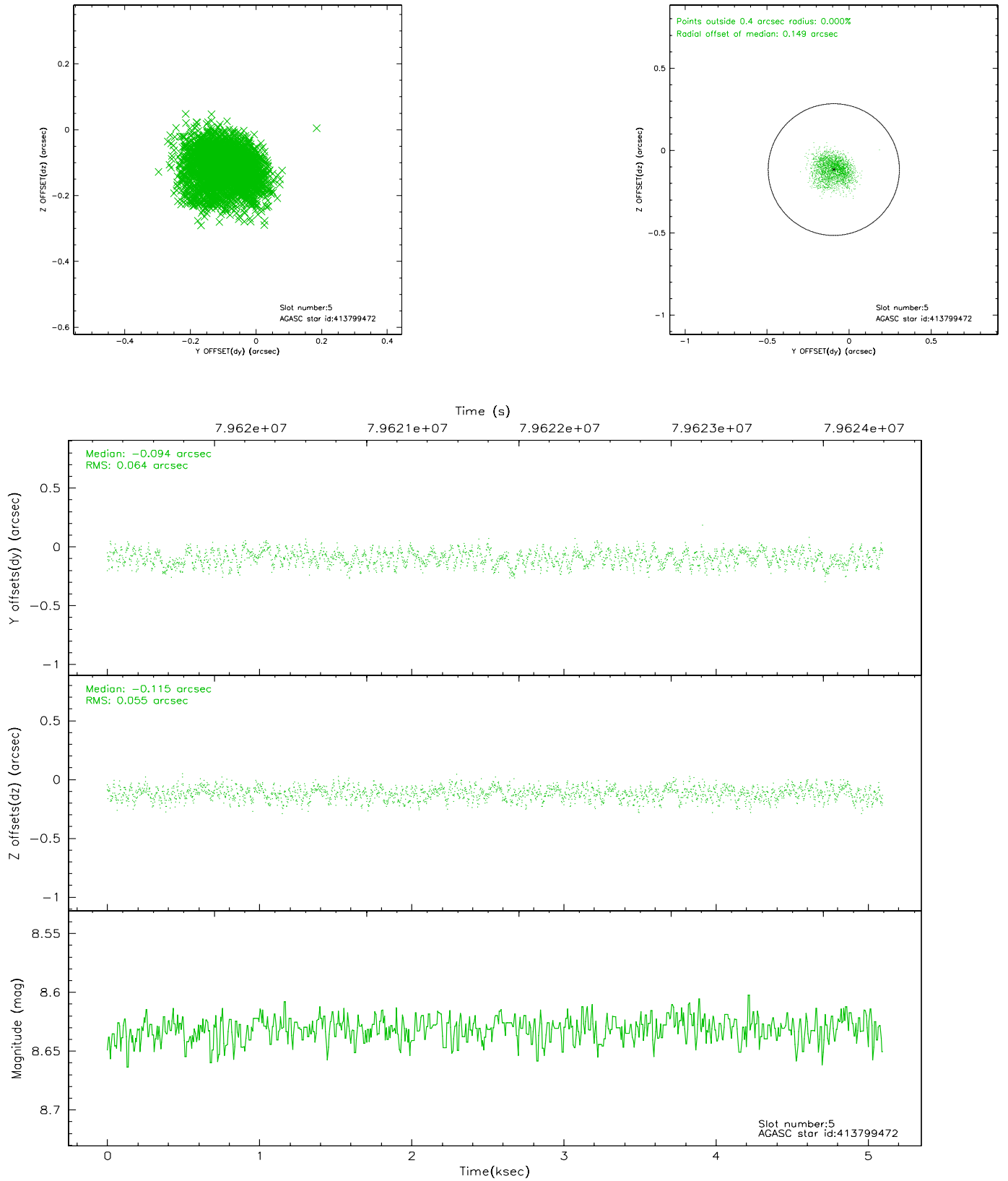
### 2.4.1 Slot 3



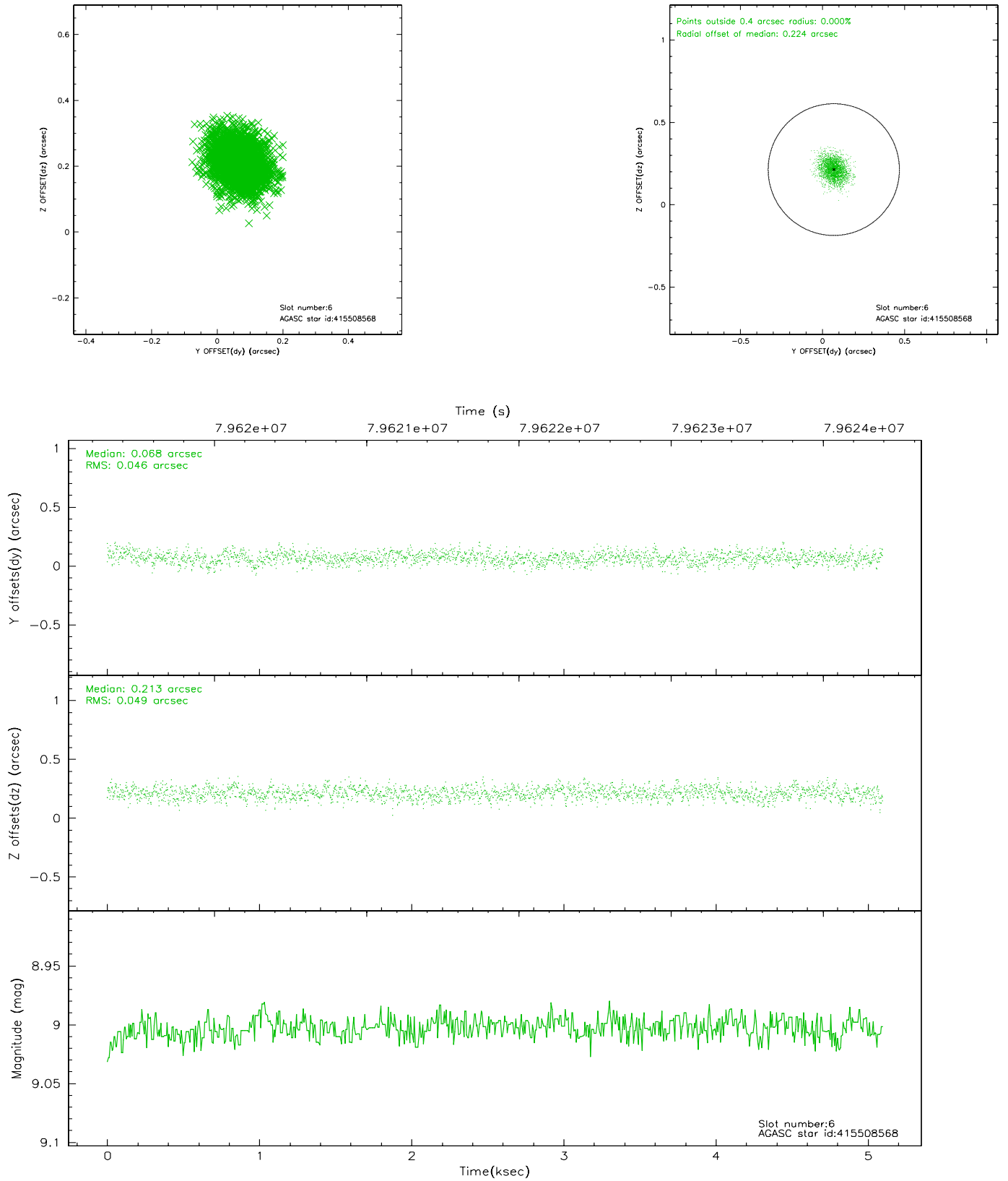
## 2.4.2 Slot 4



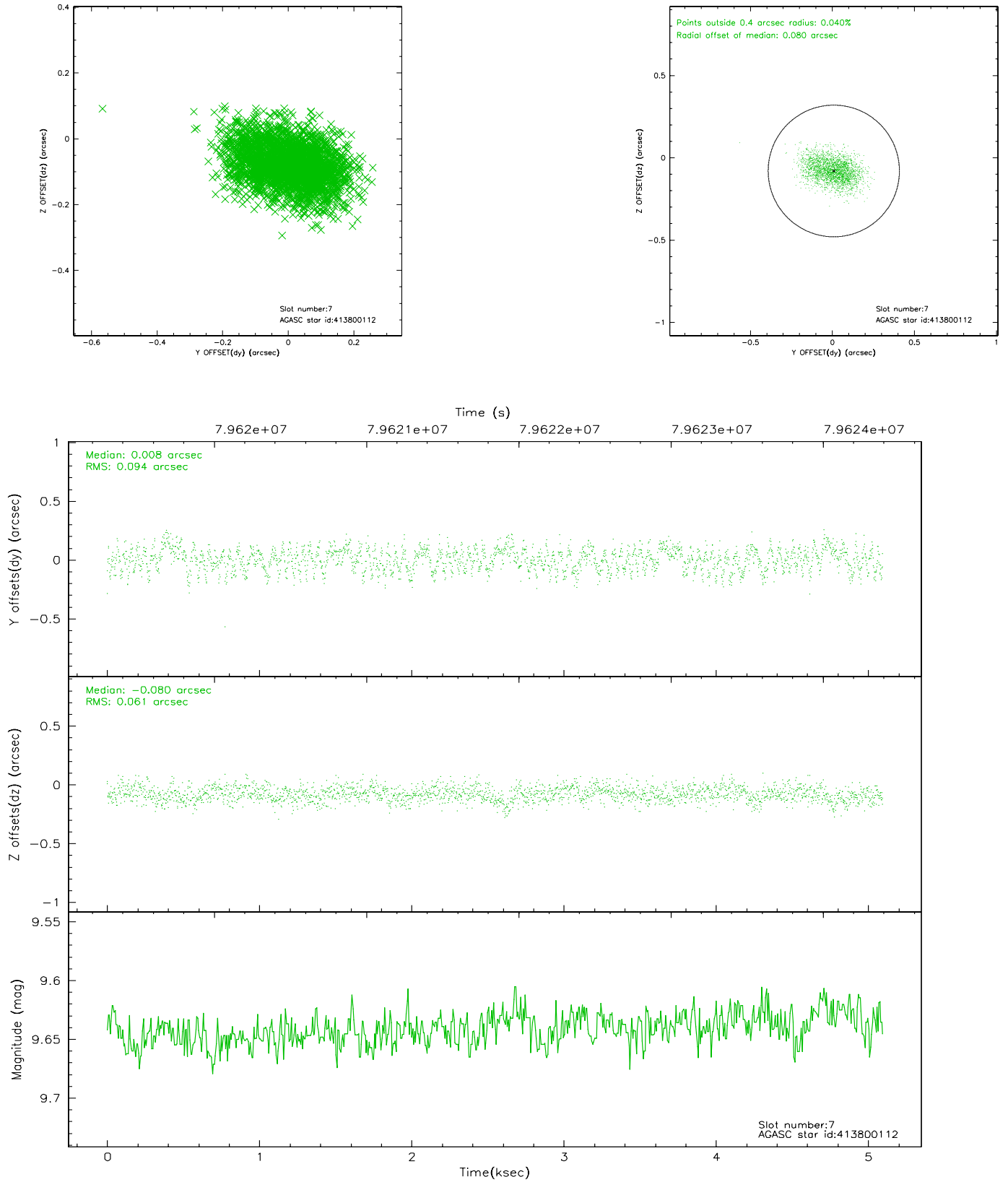
### 2.4.3 Slot 5



## 2.4.4 Slot 6

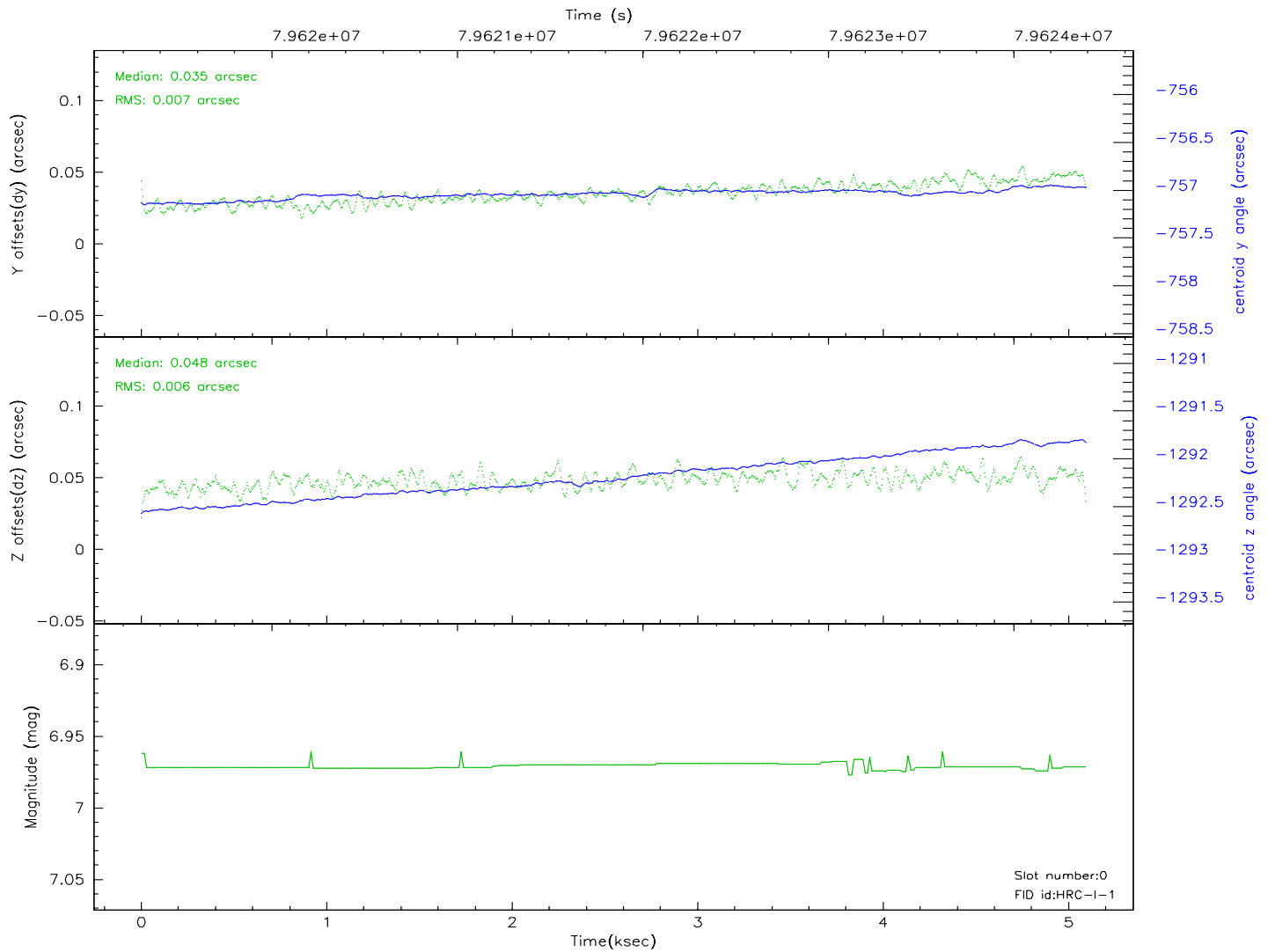
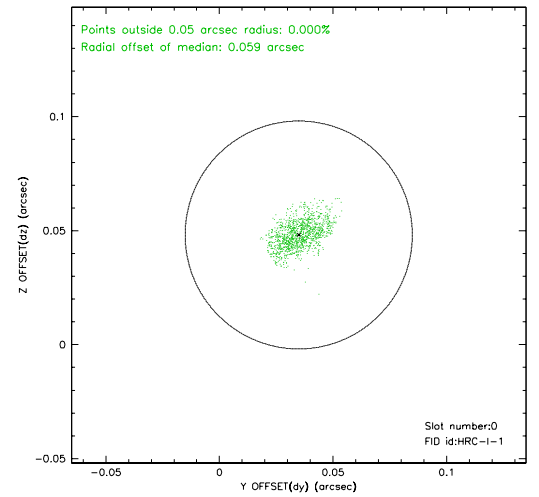
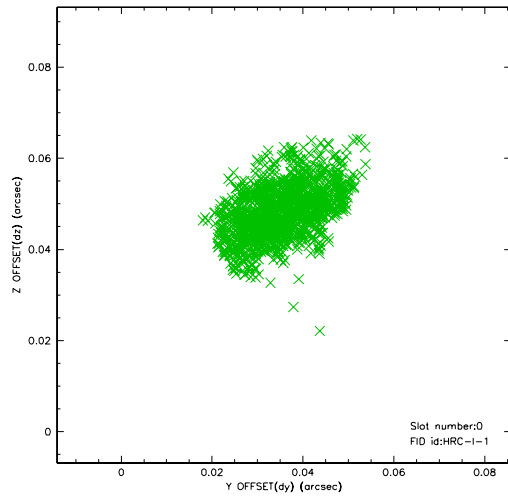


## 2.4.5 Slot 7

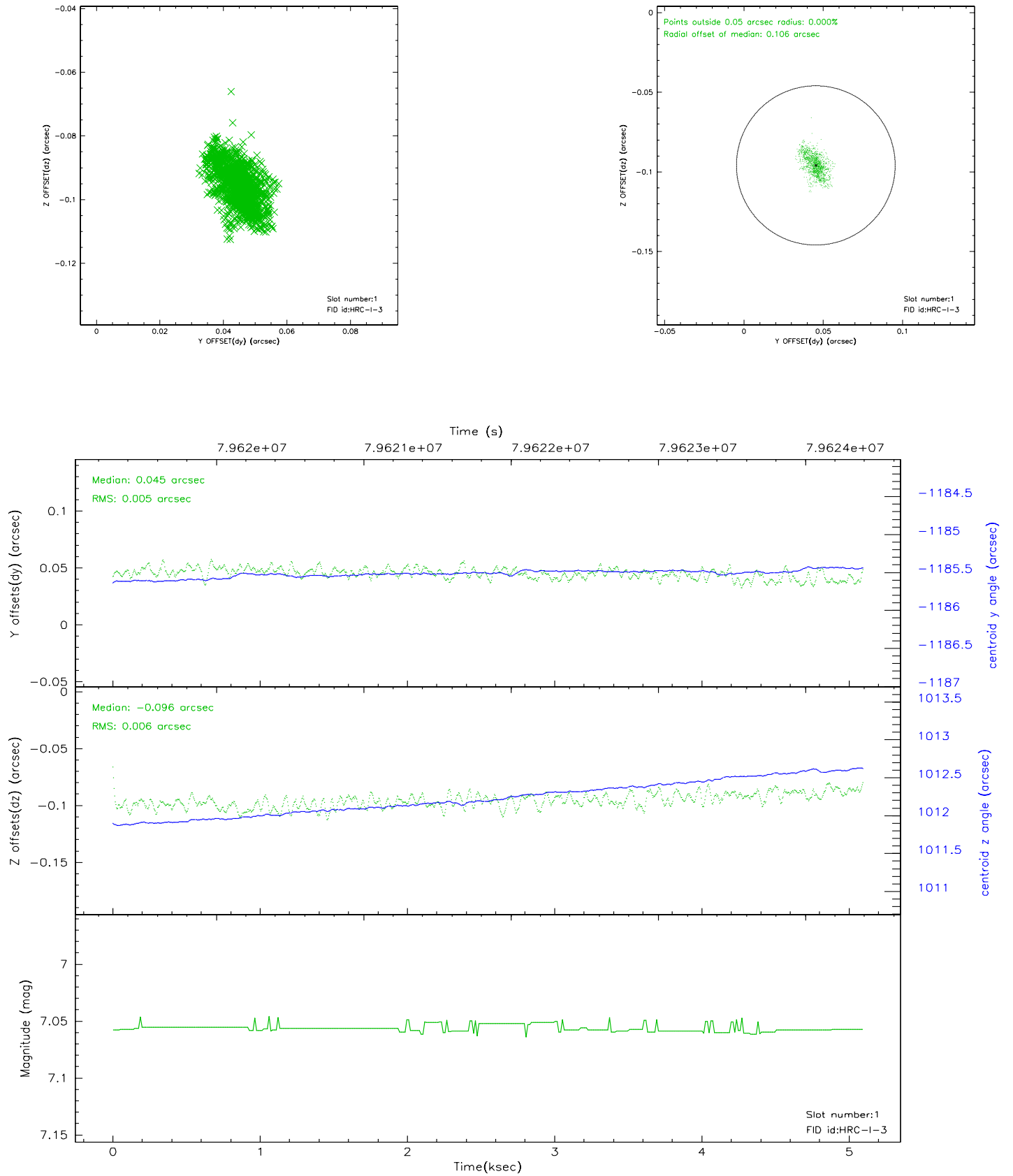


## 2.5 FID Slots

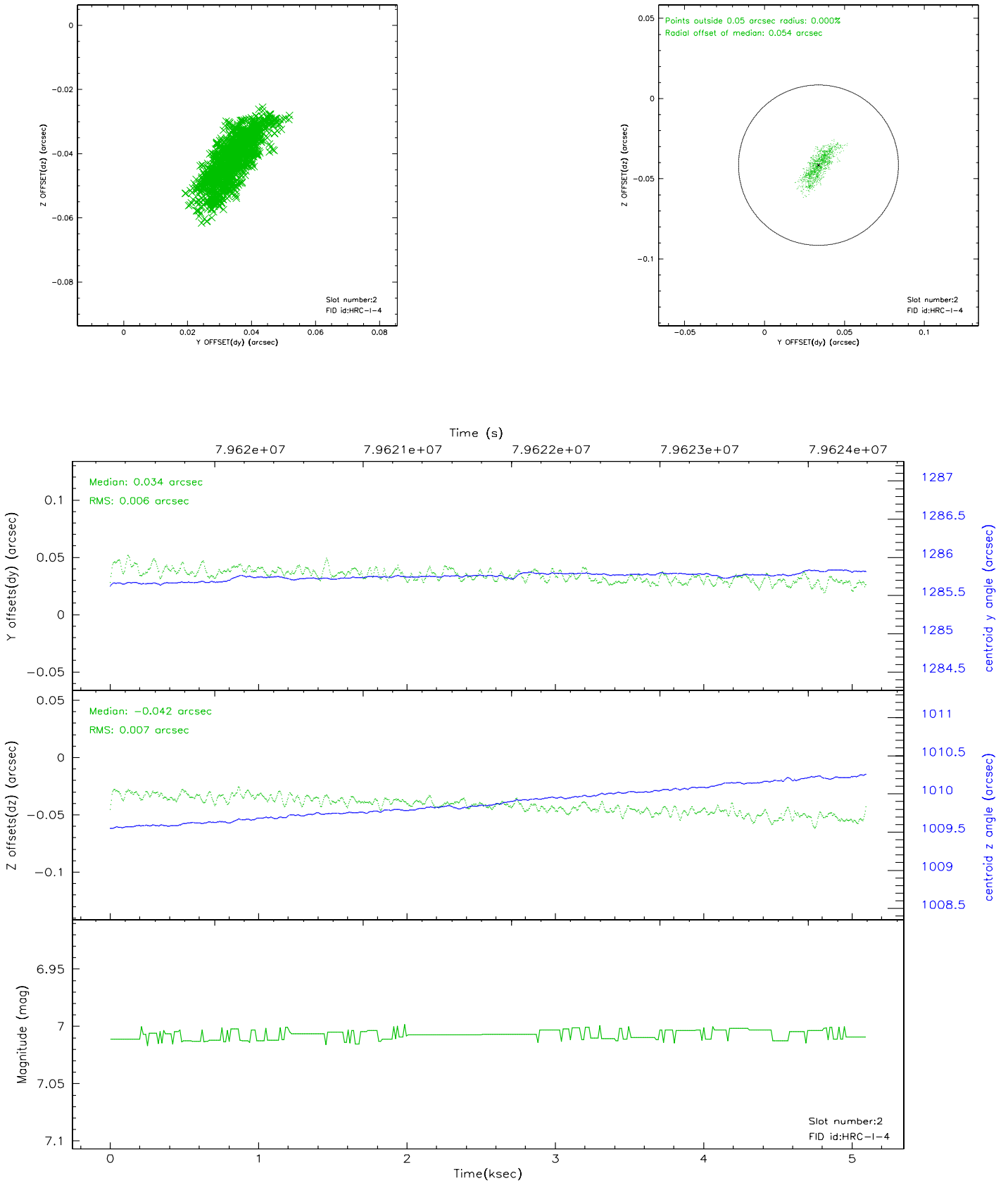
### 2.5.1 Slot 0



## 2.5.2 Slot 1

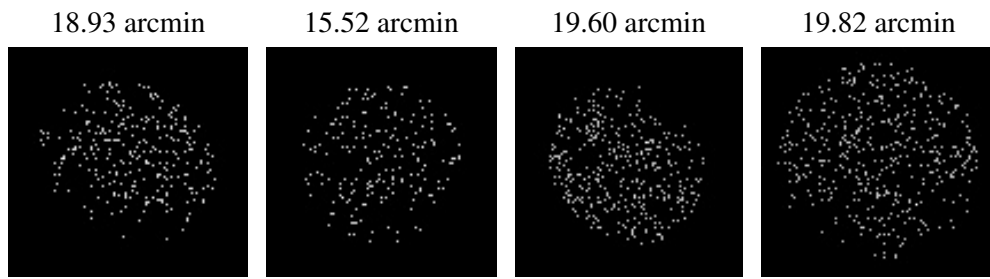


### 2.5.3 Slot 2





### 3 Point Sources



# A Summary

## A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2007.12.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.891

## 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.