

# V&V Reference Report

## L2 ASCDS Version : 7.6.8.1

Observation 2714 - L2 Version 3  
Chandra X-Ray Center

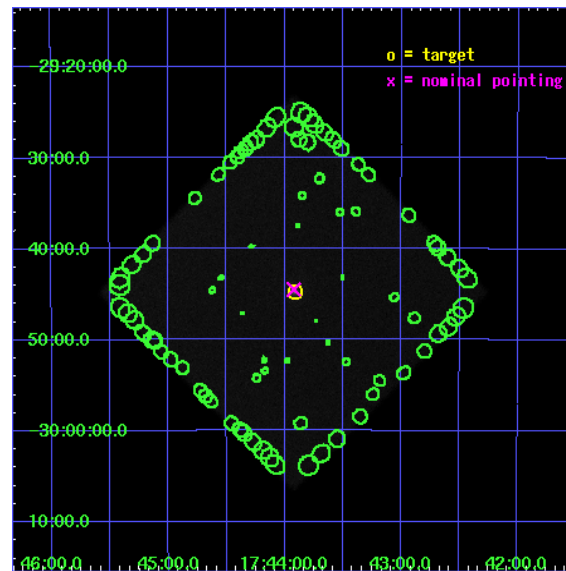
L2 Processing Date : Nov 21 2007

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# 1 Front

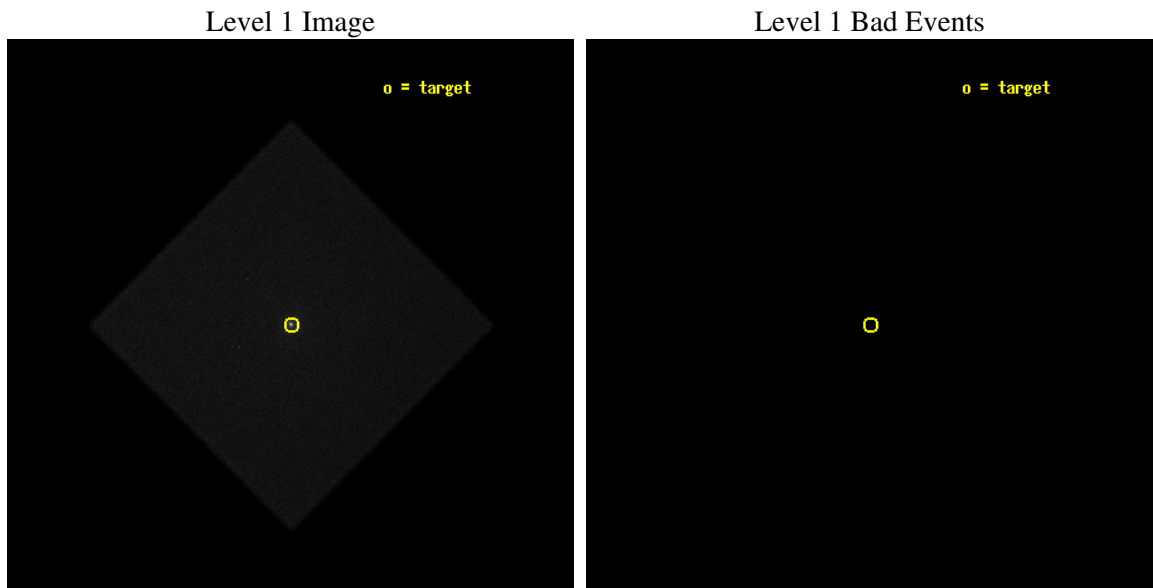
seq_num	400194
obs_id	2714
title	MONITORING THE MORPHOLOGY OF THE MICRO-QUASARS GRS 1758-258 AND 1E 1740.7-2942
observer	Dr. William Heindl
object	1E 1740.7-2942
ra_targ	265.978333
dec_targ	-29.745222
ra_nom	265.98024552985
dec_nom	-29.741310871721
roll_nom	89.955344039983
revision	3
ontime	29871.83245796
livetime	29709.952667769
l2events	841983



## 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	2007-11-21T20:08:24
revision	3

sched_exp_time	30000.000000
ontime	29871.83245796
l1events	1264124

### 2.1.3 Events

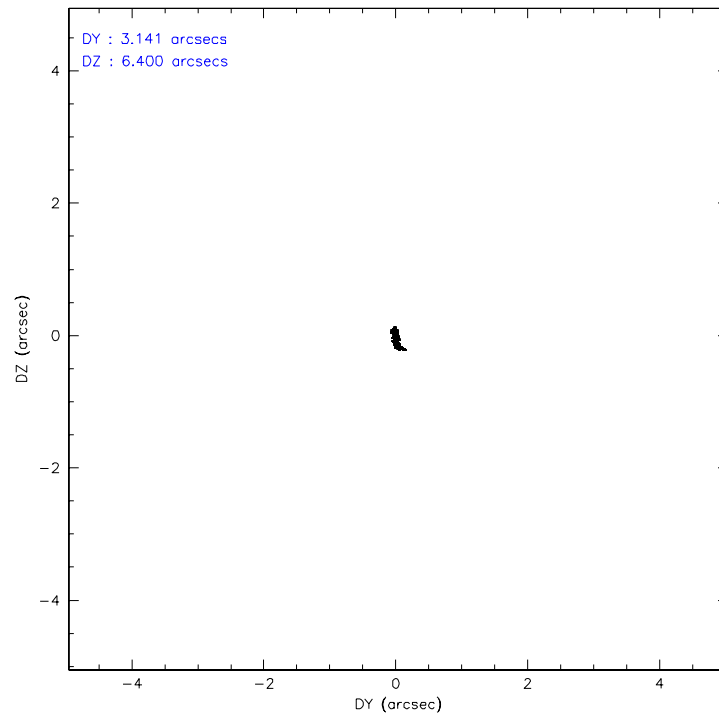
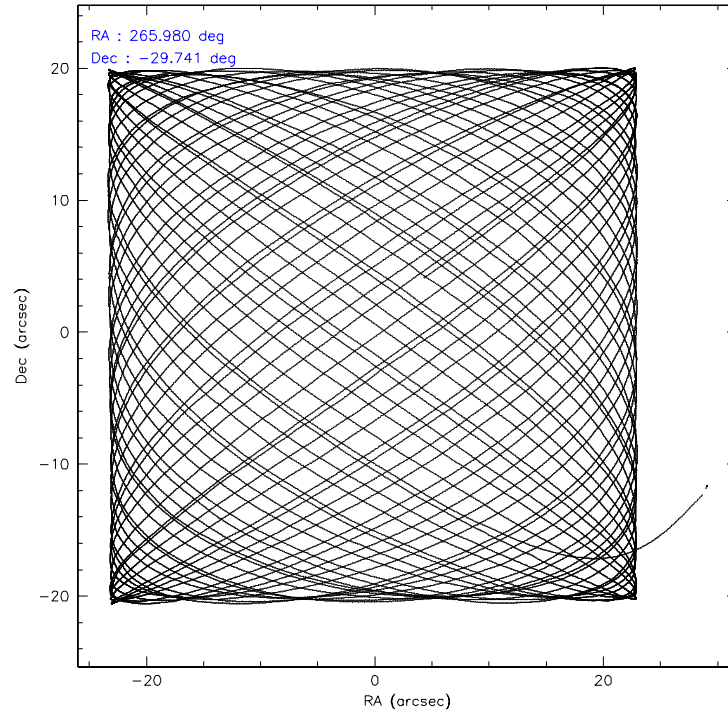
#### Level 1 Events

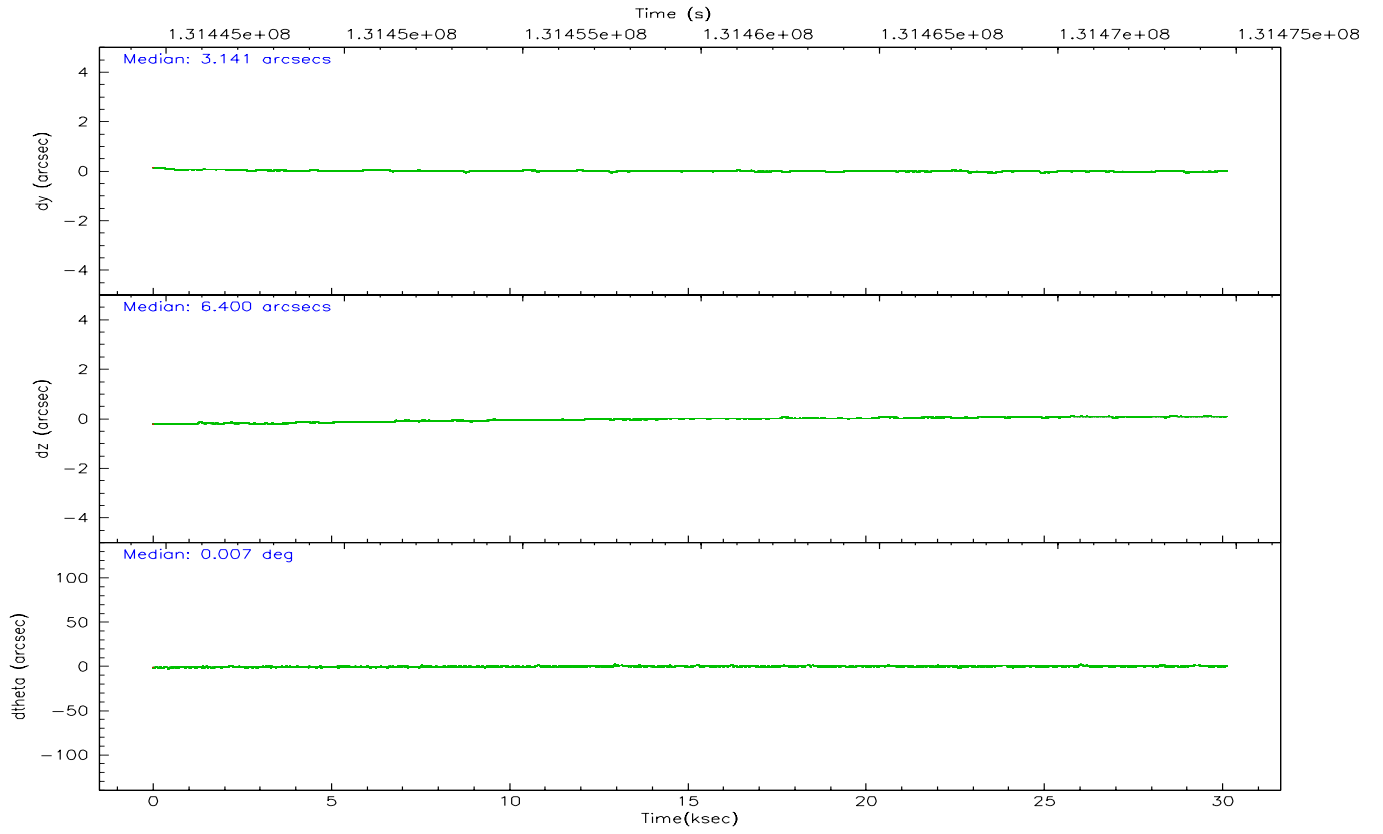
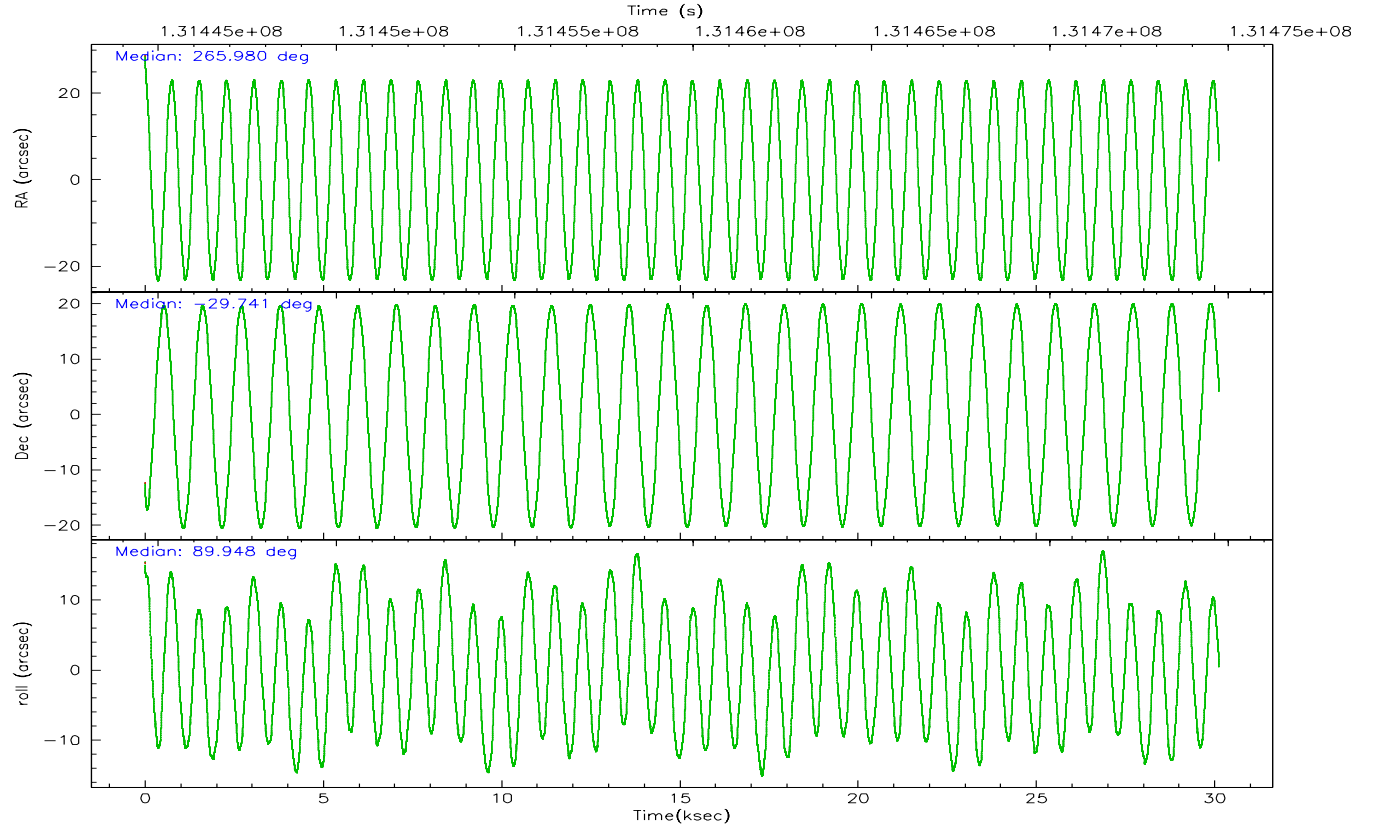
	<b>segment 0</b>
level 1 events	1264124
rejected events	13262
rejected %	1%

## 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	265.996398	265.9802455298542			
Pointing Dec	-29.764537	-29.74131087172062			
Pointing Roll	90.058854	89.95534403998299			
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	131444752.184000	131444050.55947			
Observation start date	2002-03-02T08:24:48	2002-03-02T08:14:10			
Observation end time	131474752.184000	131475039.89823			
Observation end date	2002-03-02T16:44:48	2002-03-02T16:50:39			

## 2.3 Aspect





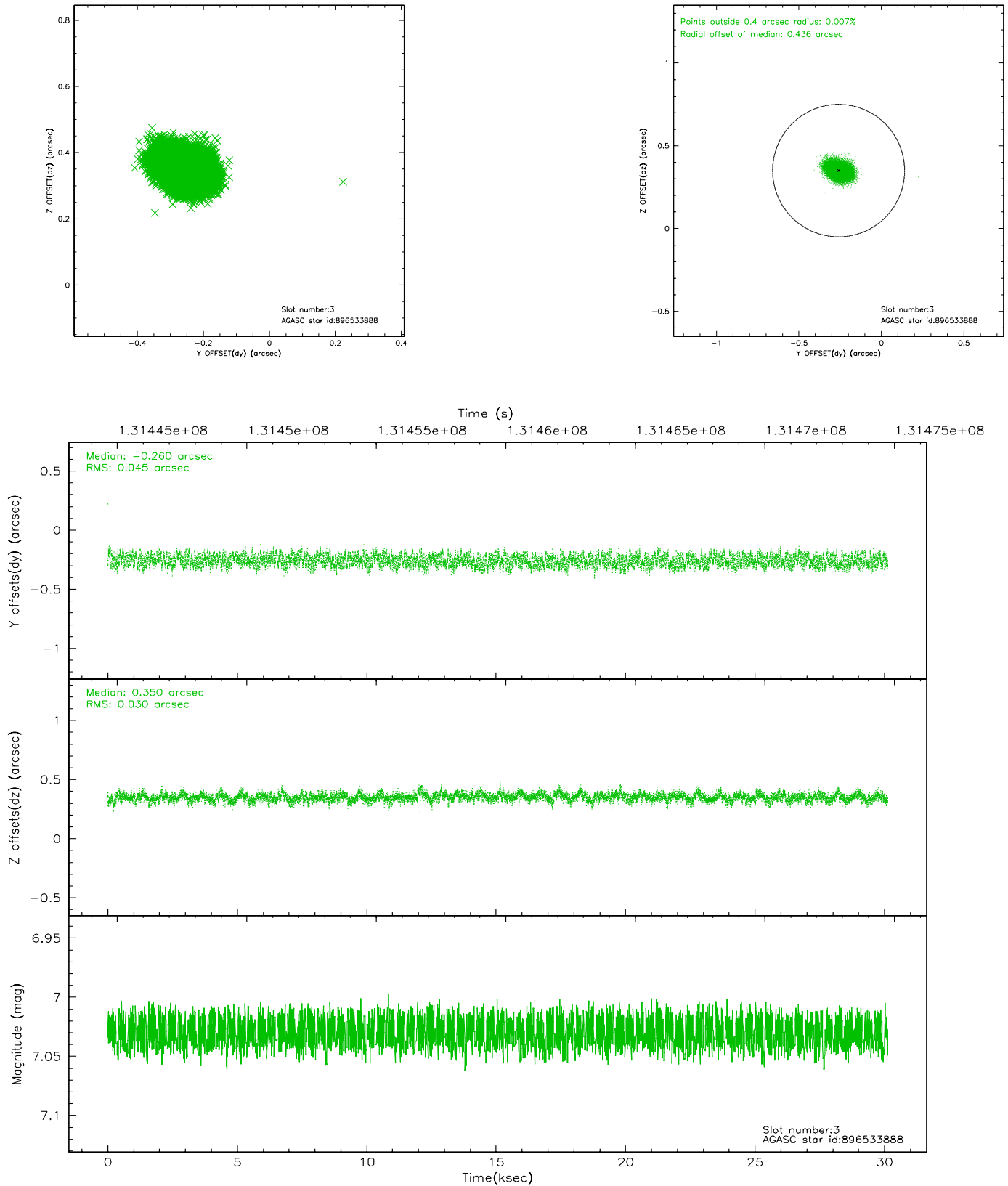
### Slot Statistics

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	7350	0.023	0.008	0.008	0.014	0.000000	0.000000	-758.57	-1294.21
1	FID	HRC-I-2	7.01	7349	0.058	-0.040	0.007	0.012	0.000000	0.000000	853.99	-1295.97
2	FID	HRC-I-3	7.06	7349	0.038	-0.057	0.006	0.011	0.000000	0.000000	-1186.97	1010.10
3	GUIDE	896533888	7.03	14699	-0.260	0.350	0.059	0.091	266.666434	-29.392757	1330.77	-2102.85
4	GUIDE	966924920	8.08	14698	0.151	-0.180	0.065	0.105	265.875401	-30.176961	-1483.79	377.25
5	GUIDE	896544544	8.67	14692	0.042	0.234	0.082	0.134	266.707391	-29.885740	-444.71	-2218.87
6	GUIDE	896404784	9.35	14688	-0.138	-0.104	0.101	0.158	265.491289	-29.092670	2417.05	1586.36
7	GUIDE	966791536	9.35	14630	0.200	-0.302	0.108	0.172	265.423122	-30.013043	-896.50	1787.43

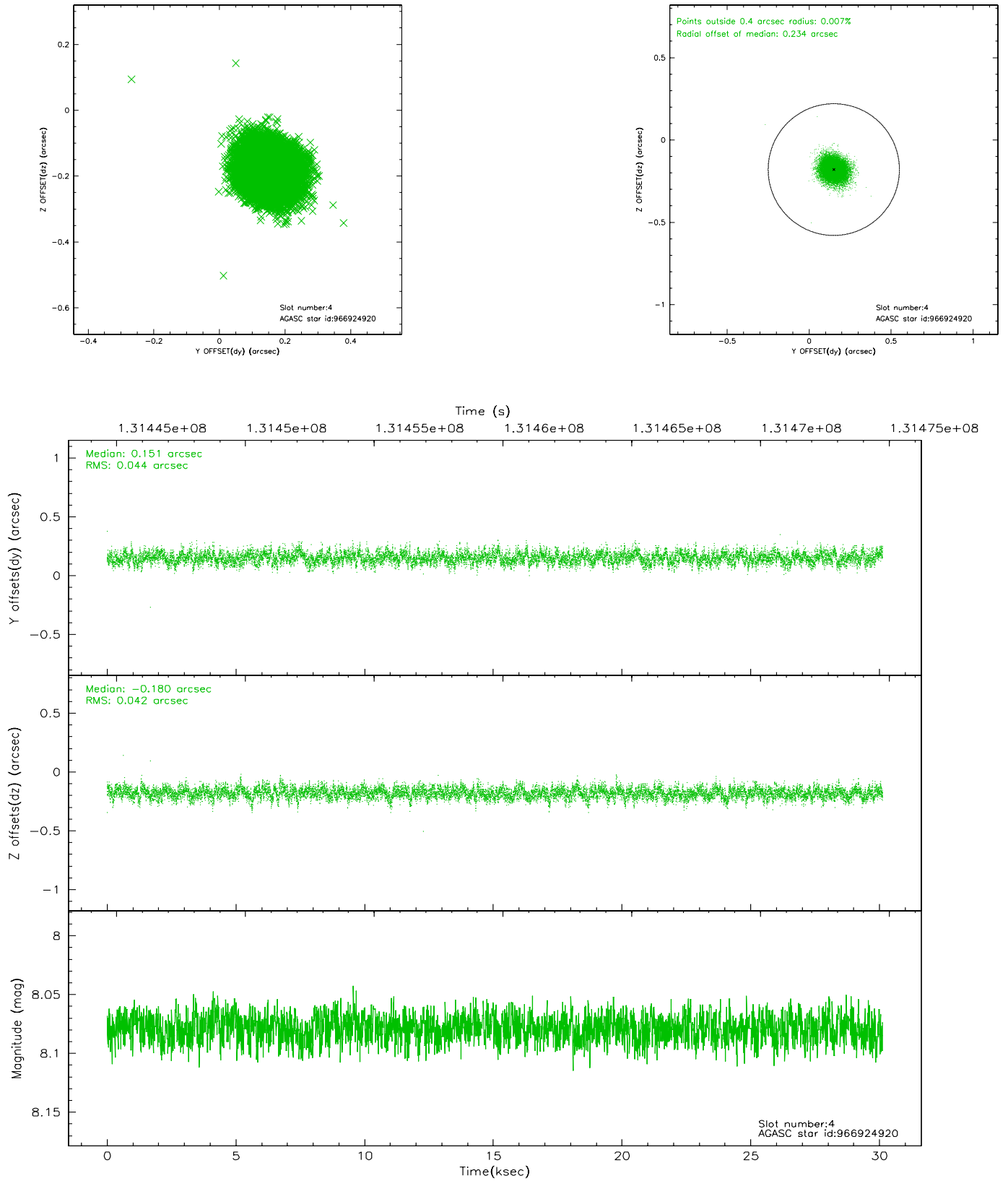


## 2.4 Star Slots

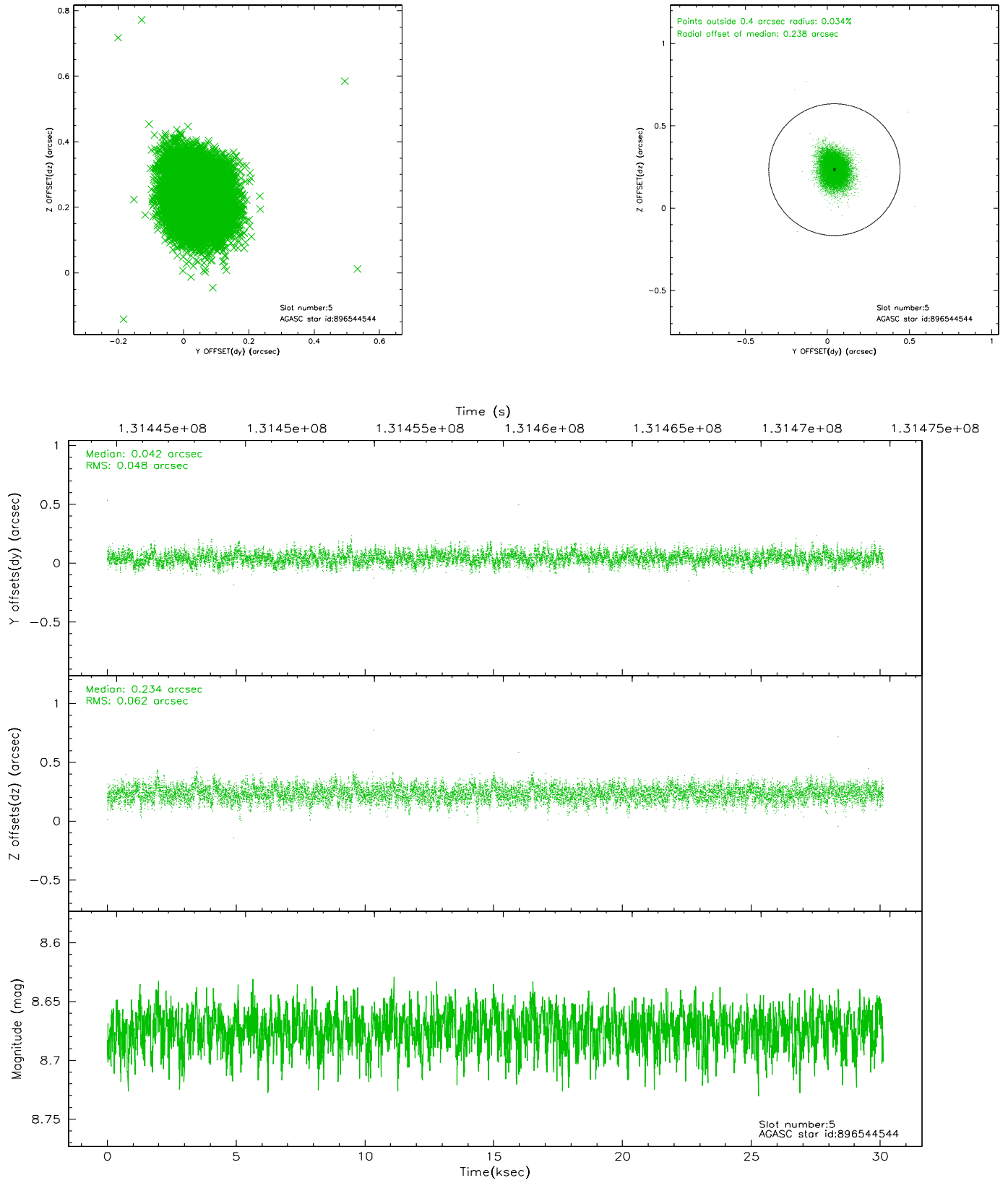
### 2.4.1 Slot 3



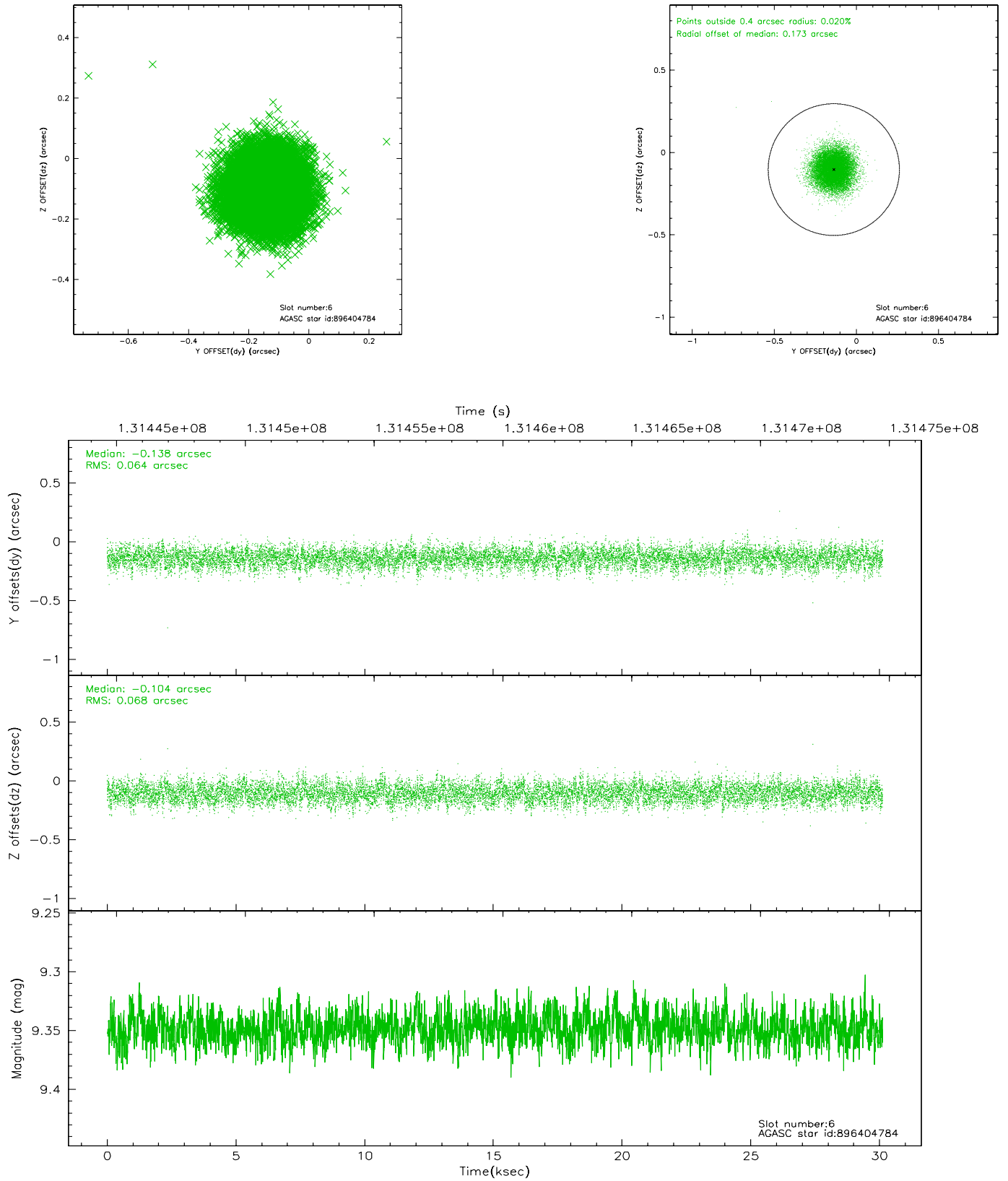
## 2.4.2 Slot 4



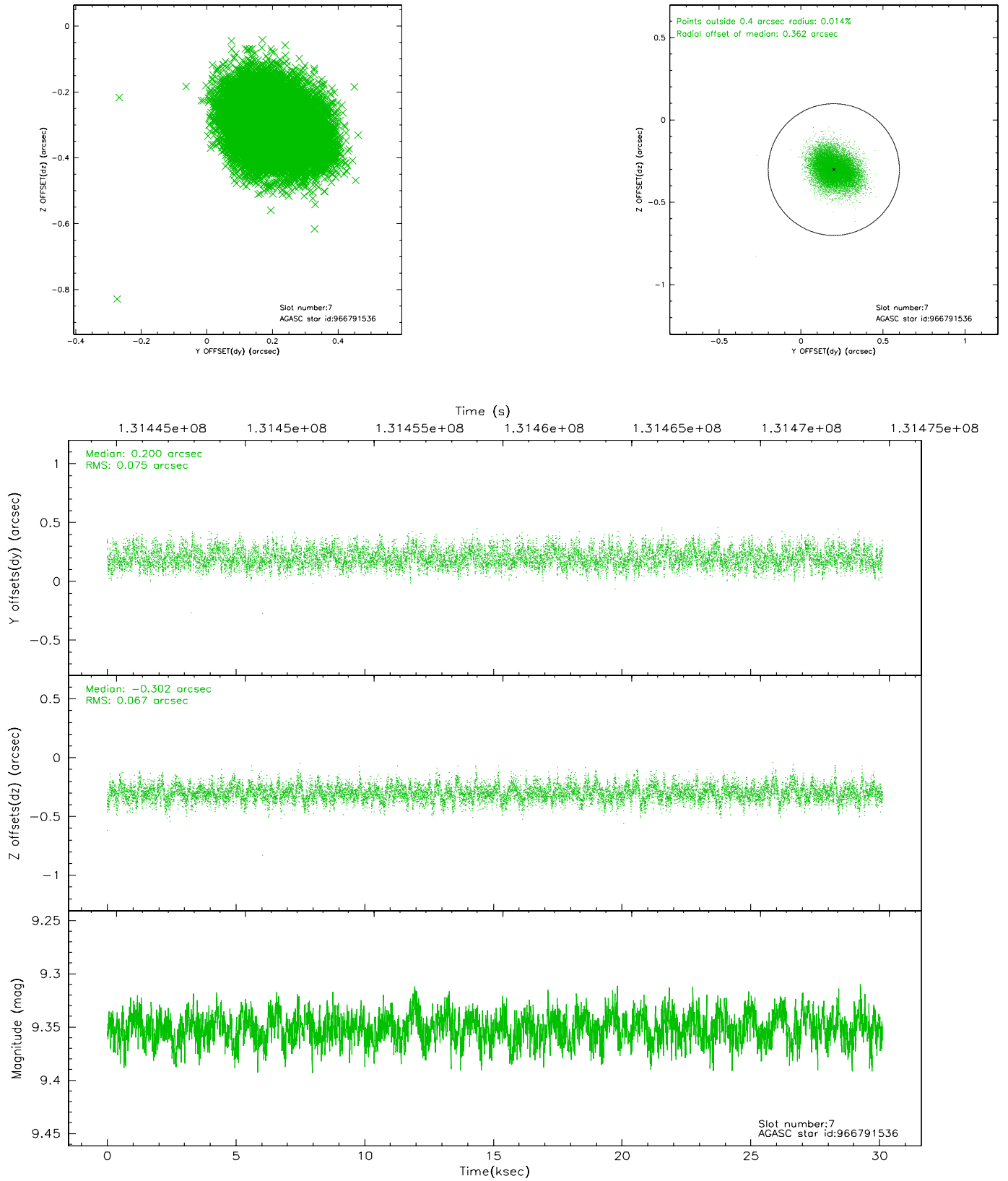
### 2.4.3 Slot 5



## 2.4.4 Slot 6

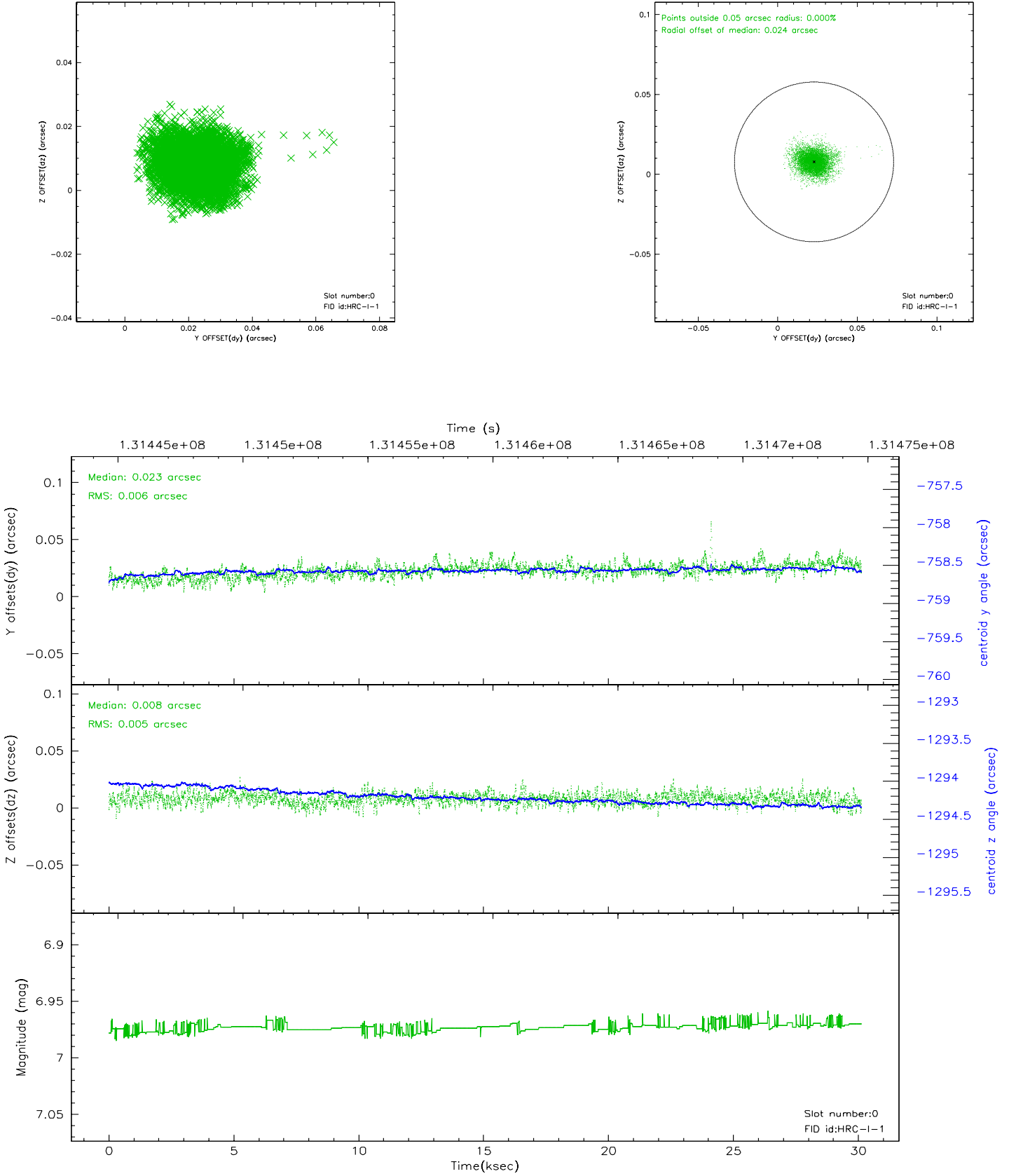


## 2.4.5 Slot 7

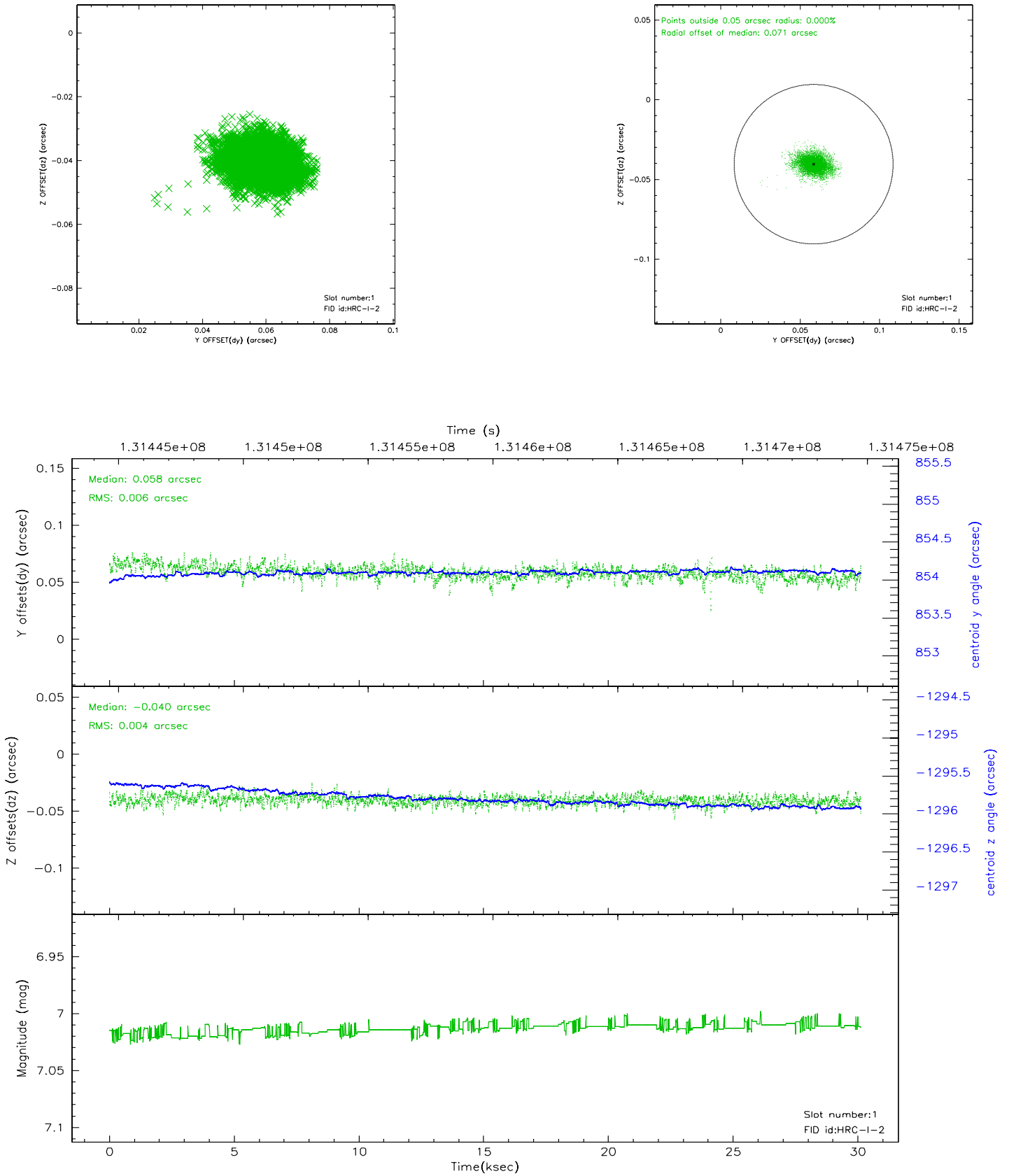


## 2.5 FID Slots

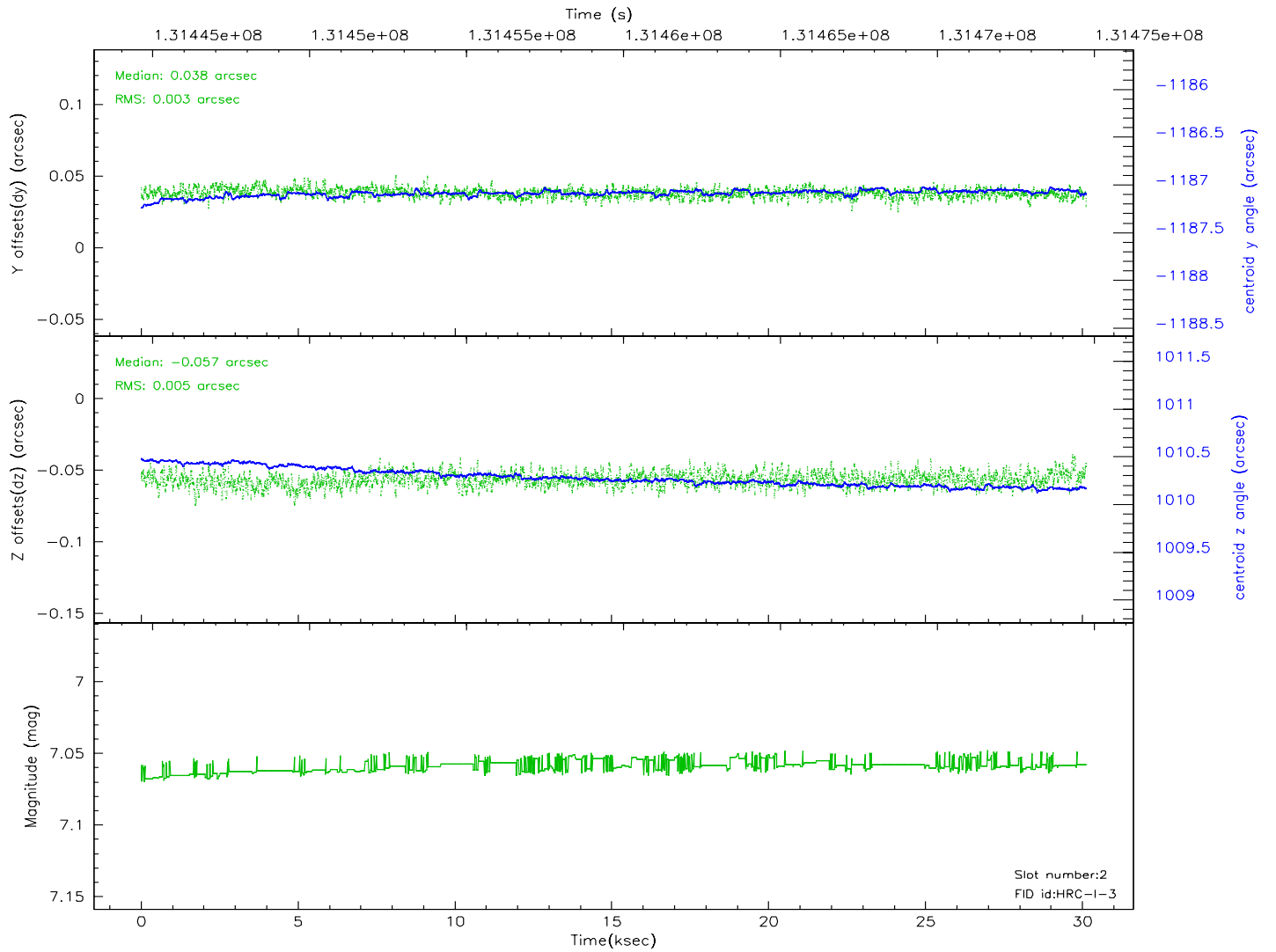
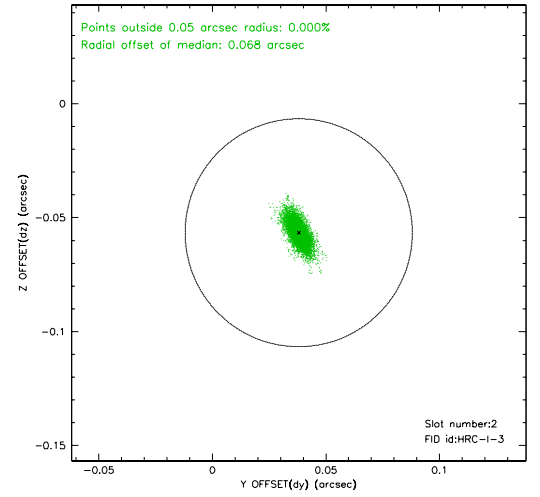
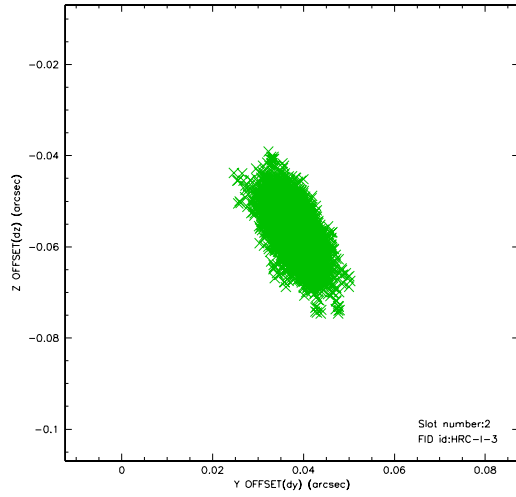
### 2.5.1 Slot 0



## 2.5.2 Slot 1

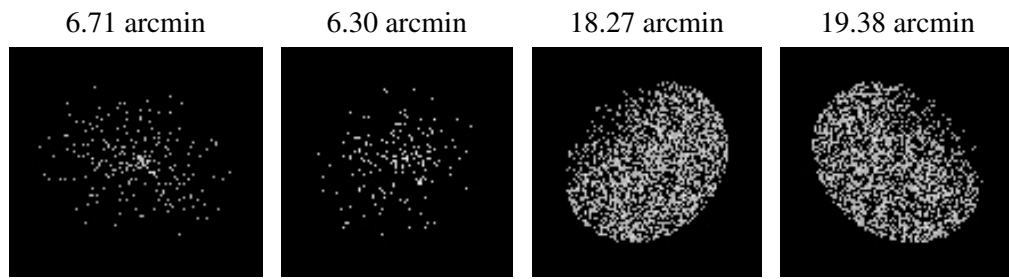


### 2.5.3 Slot 2





### 3 Point Sources



# A Summary

## A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.12.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	29.871

## 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.