

# V&V Reference Report

## L2 ASCDS Version : 7.6.9

Observation 2434 - L2 Version 001  
Chandra X-Ray Center

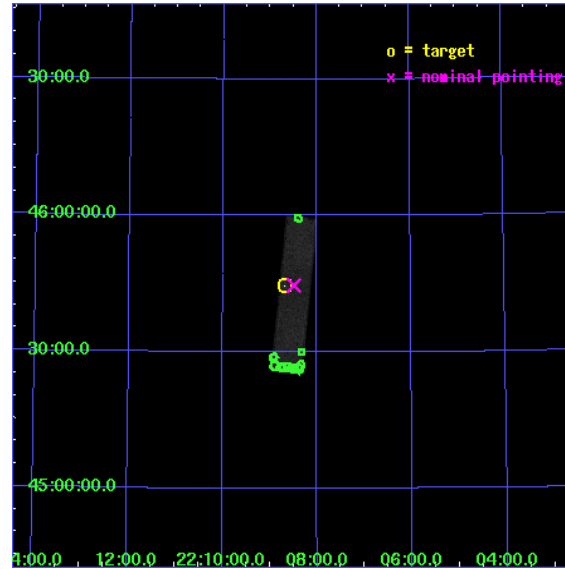
L2 Processing Date : Nov 21 2006

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# 1 Front

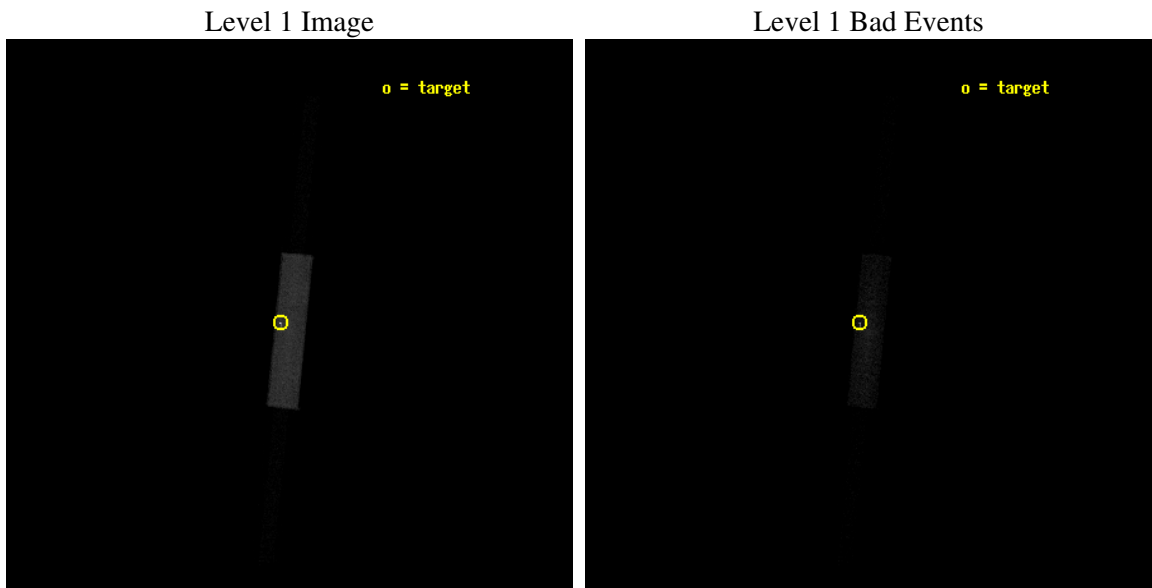
seq_num	290078
obs_id	2434
title	HRC-S CALIBRATION OBSERVATIONS OF ARLAC
observer	Dr. CXC Calibration
object	ARLAC
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.12200268285
dec_nom	45.744574822523
roll_nom	95.670719114609
revision	4
ontime	1366.5813030601
livetime	1358.5207729881
l2events	56292



## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



### 2.1.2 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.4
date	2006-11-21T14:40:30
revision	3

sched_exp_time	1234.000000
ontime	1424.7500553429
l1events	89505

### 2.1.3 Events

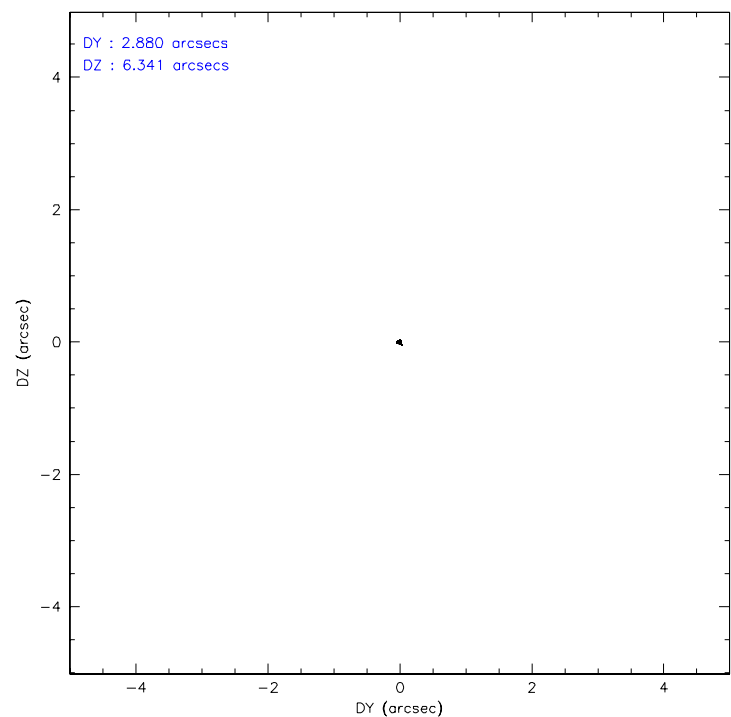
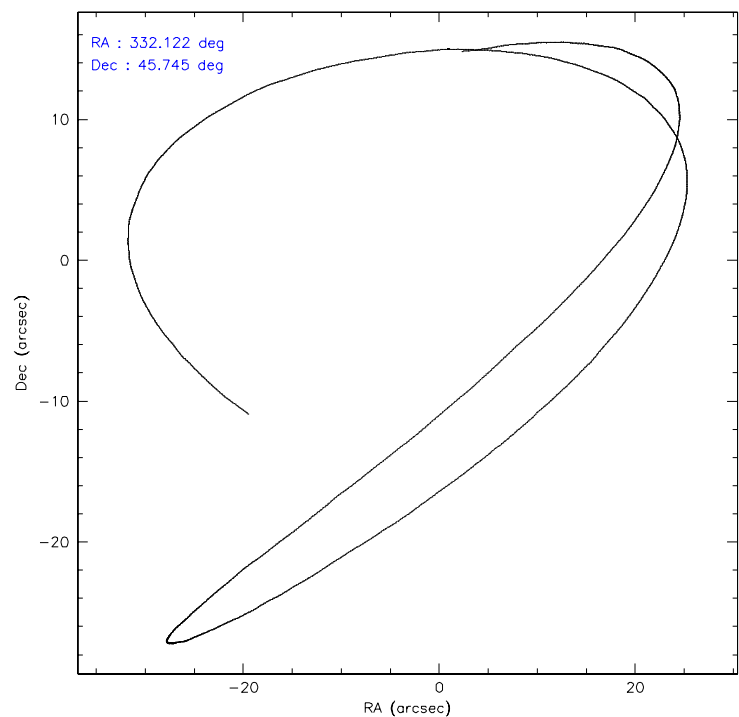
Level 1 Events

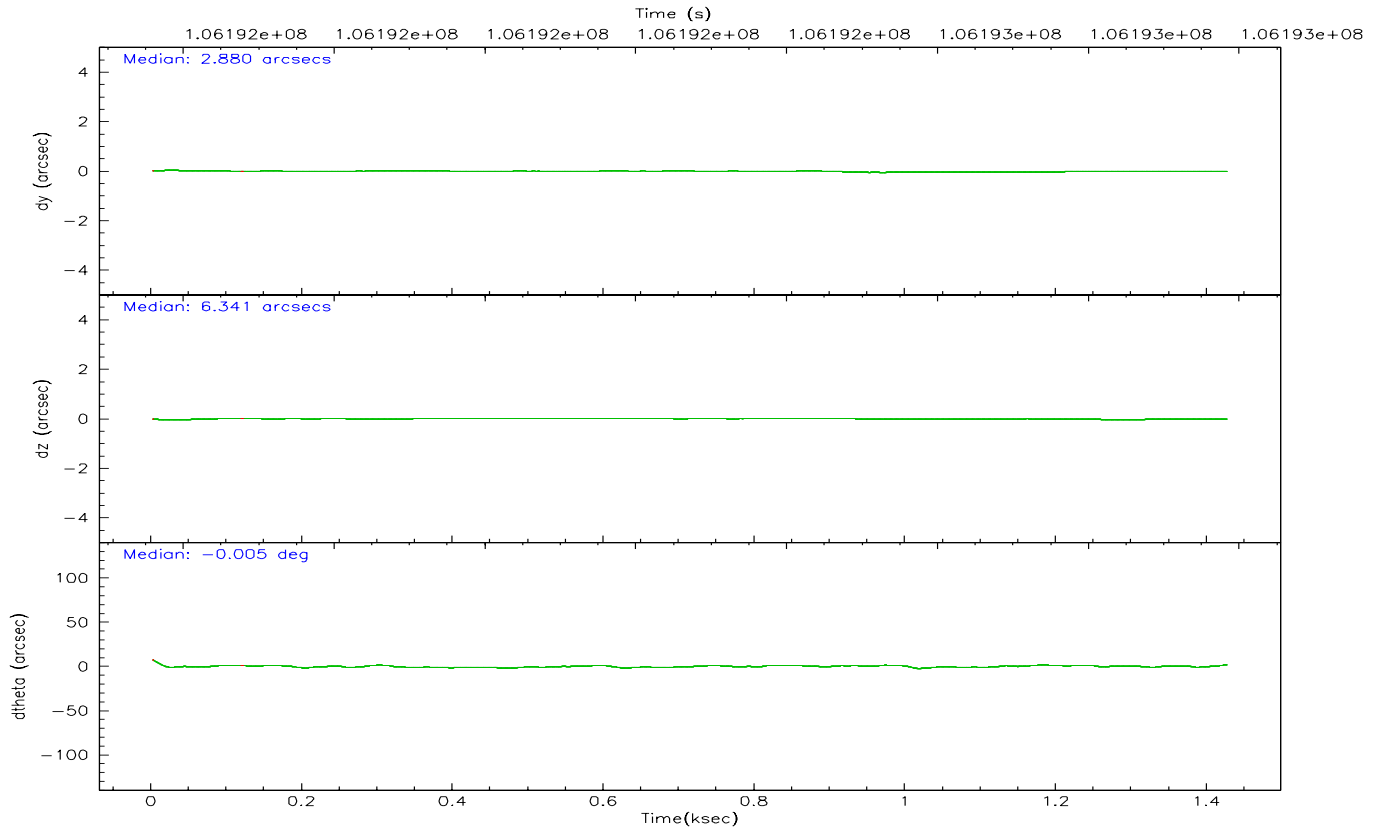
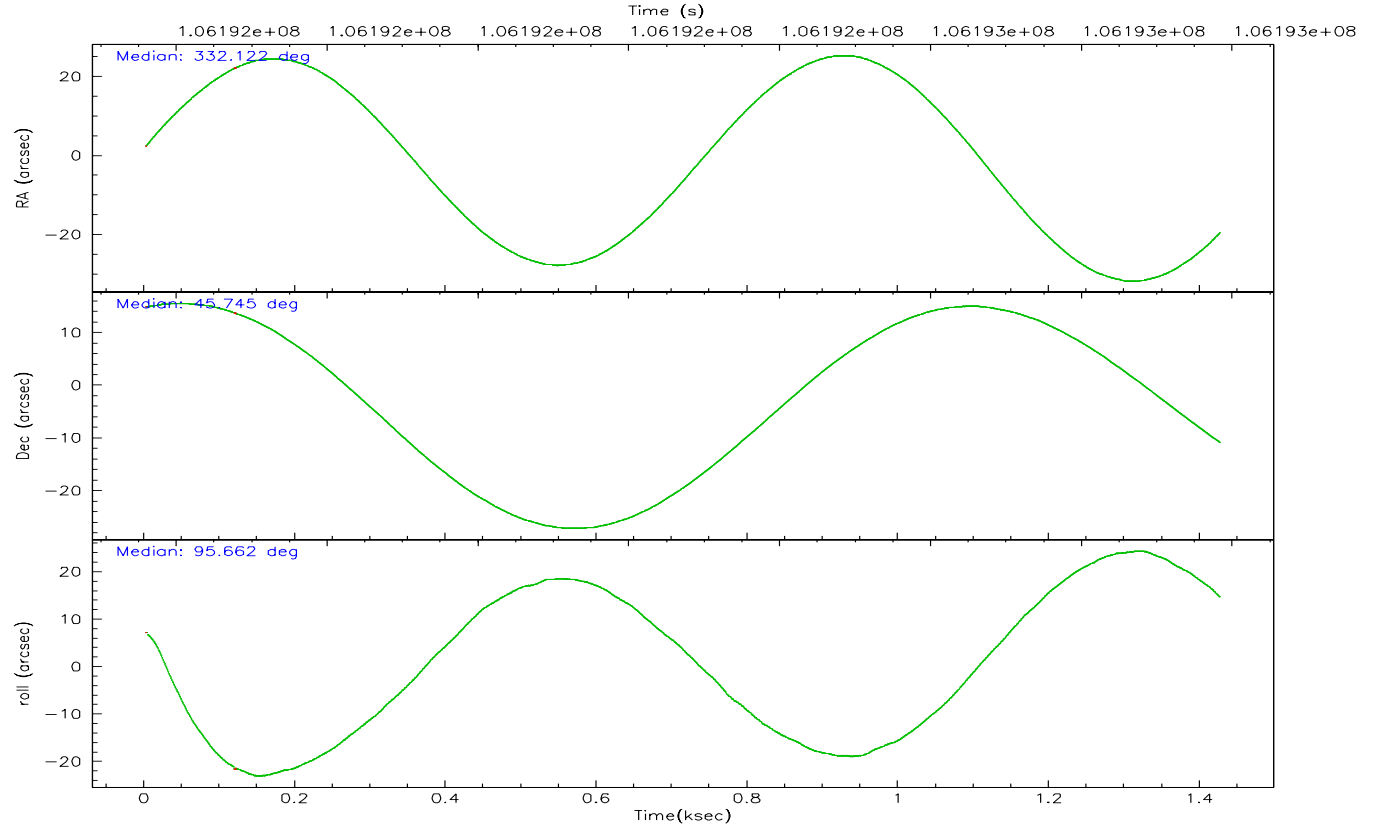
	<b>segment 1</b>	<b>segment 2</b>	<b>segment 3</b>
level 1 events	1291	87036	1178
rejected events	1291	27461	1178
rejected %	100%	31%	100%

## 2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	6	6
Detector	HRC-S	HRC-S	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
Pointing RA	332.147508	332.1220026828478			
Pointing Dec	45.721341	45.74457482252292			
Pointing Roll	95.585059	95.67071911460859			
SIM focus pos (mm)	-1.429586	-1.428180813131781			
SIM defocus (mm)	0.1037507710433287	0.1051558262725154			
SIM translation stage pos (mm)	250.455976	250.466033080201			
SIM translation stage offset (mm)	0	-0.01005468664627074			
Observation start time	106191755.184000	106191378.75782			
Observation start date	2001-05-14T01:41:31	2001-05-14T01:36:18			
Observation end time	106192989.184000	106193122.79539			
Observation end date	2001-05-14T02:02:05	2001-05-14T02:05:22			

2.3 Aspect





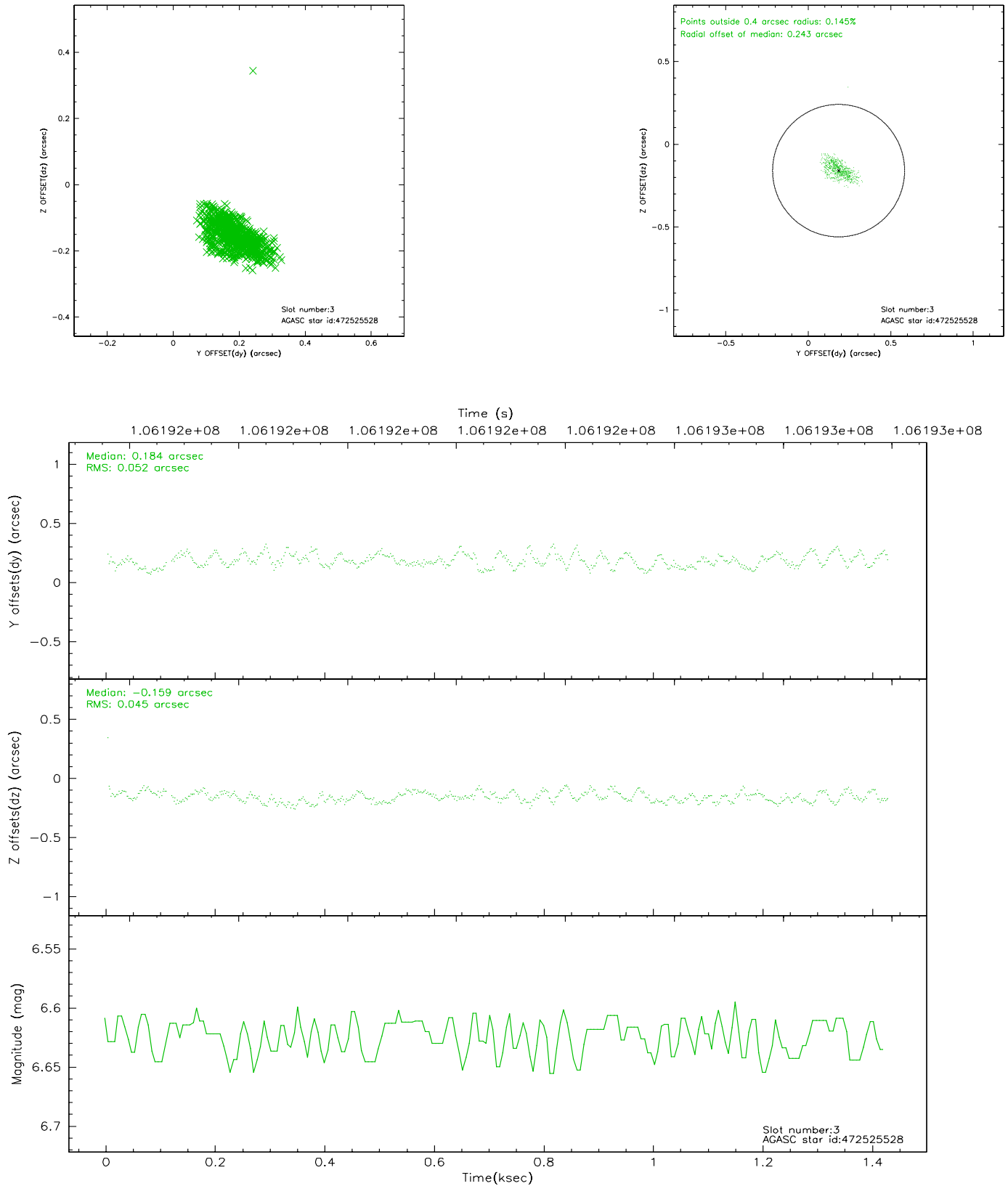
### Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.98	345	0.141	-0.106	0.004	0.008	0.000000	0.000000	-1156.89	-454.88
1	FID	HRC-S-2	6.98	345	0.118	-0.158	0.008	0.012	0.000000	0.000000	1239.41	-448.83
2	FID	HRC-S-4	6.93	345	0.144	-0.039	0.007	0.012	0.000000	0.000000	1244.94	576.03
3	GUIDE	472525528	6.62	692	0.184	-0.159	0.070	0.116	331.551102	45.248694	-1543.88	1668.78
4	GUIDE	472527720	7.00	692	0.206	-0.105	0.082	0.142	331.460205	45.112509	-2009.43	1952.19
5	GUIDE	472535576	7.85	692	-0.191	-0.093	0.044	0.073	331.438373	46.291802	2217.07	1557.81
6	GUIDE	472665256	9.01	689	-0.135	0.243	0.071	0.109	332.808125	46.195041	1544.19	-1802.62
7	GUIDE	472659832	9.46	691	-0.056	0.102	0.086	0.144	332.780399	46.098139	1201.94	-1707.68

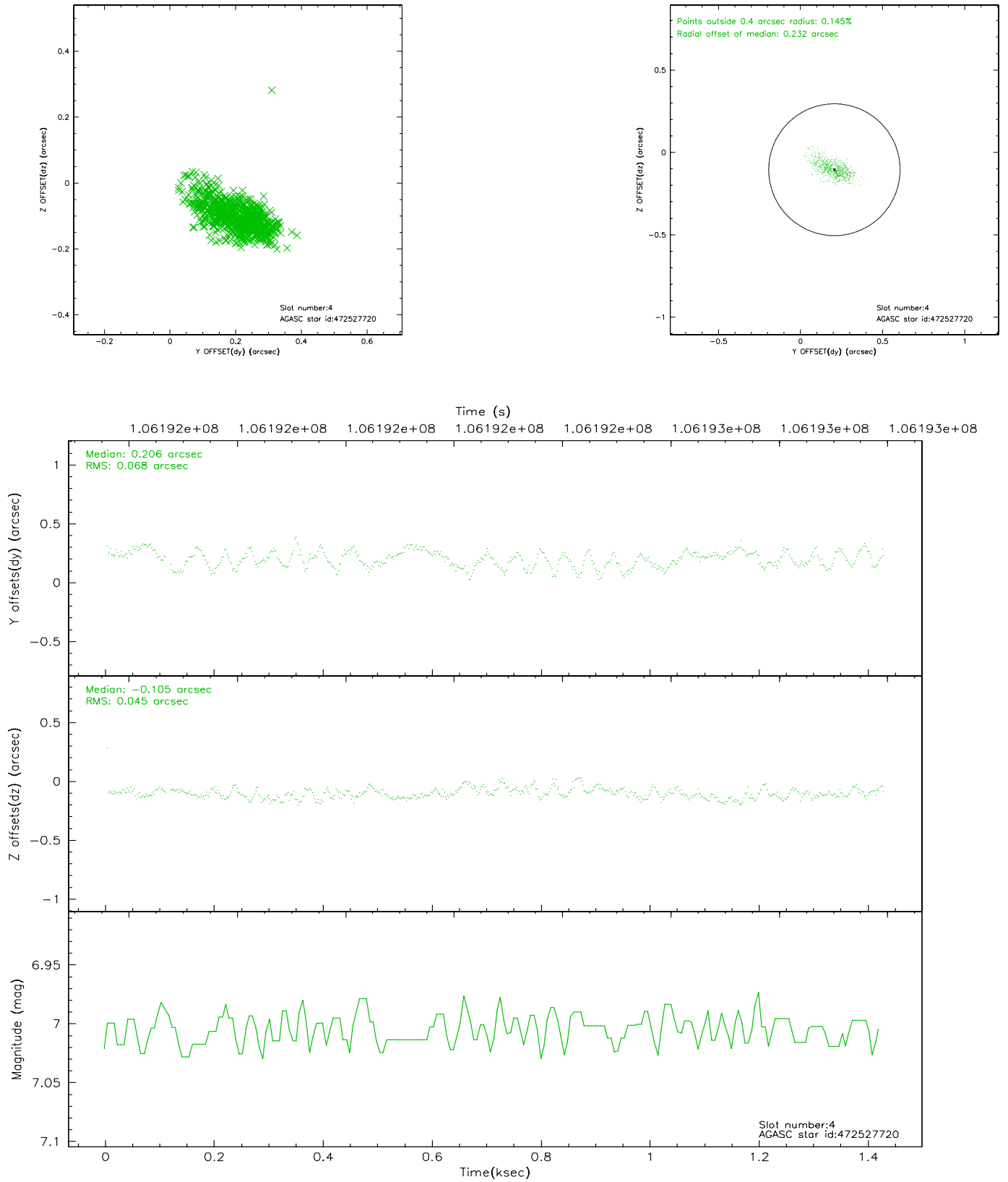


## 2.4 Star Slots

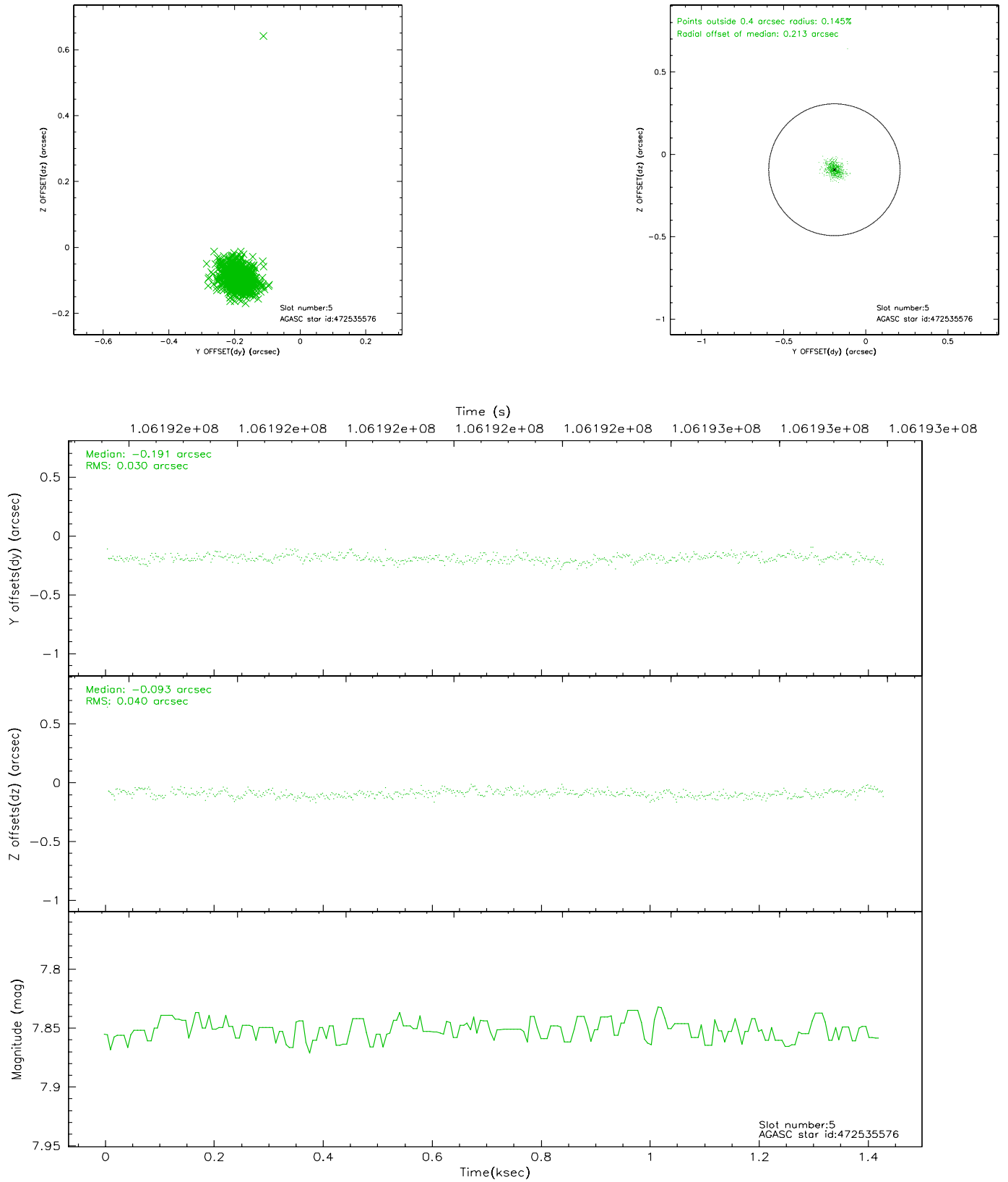
### 2.4.1 Slot 3



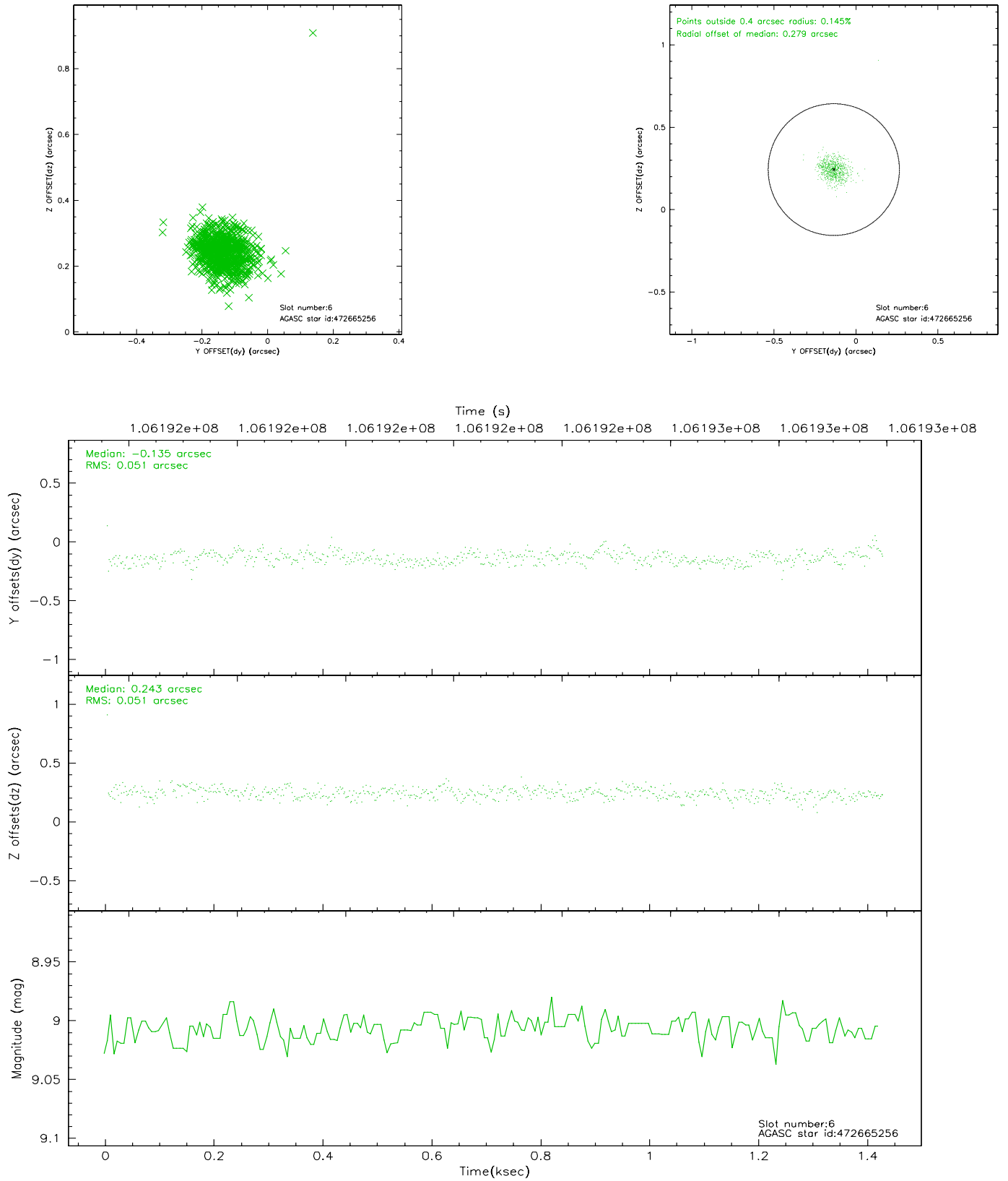
## 2.4.2 Slot 4



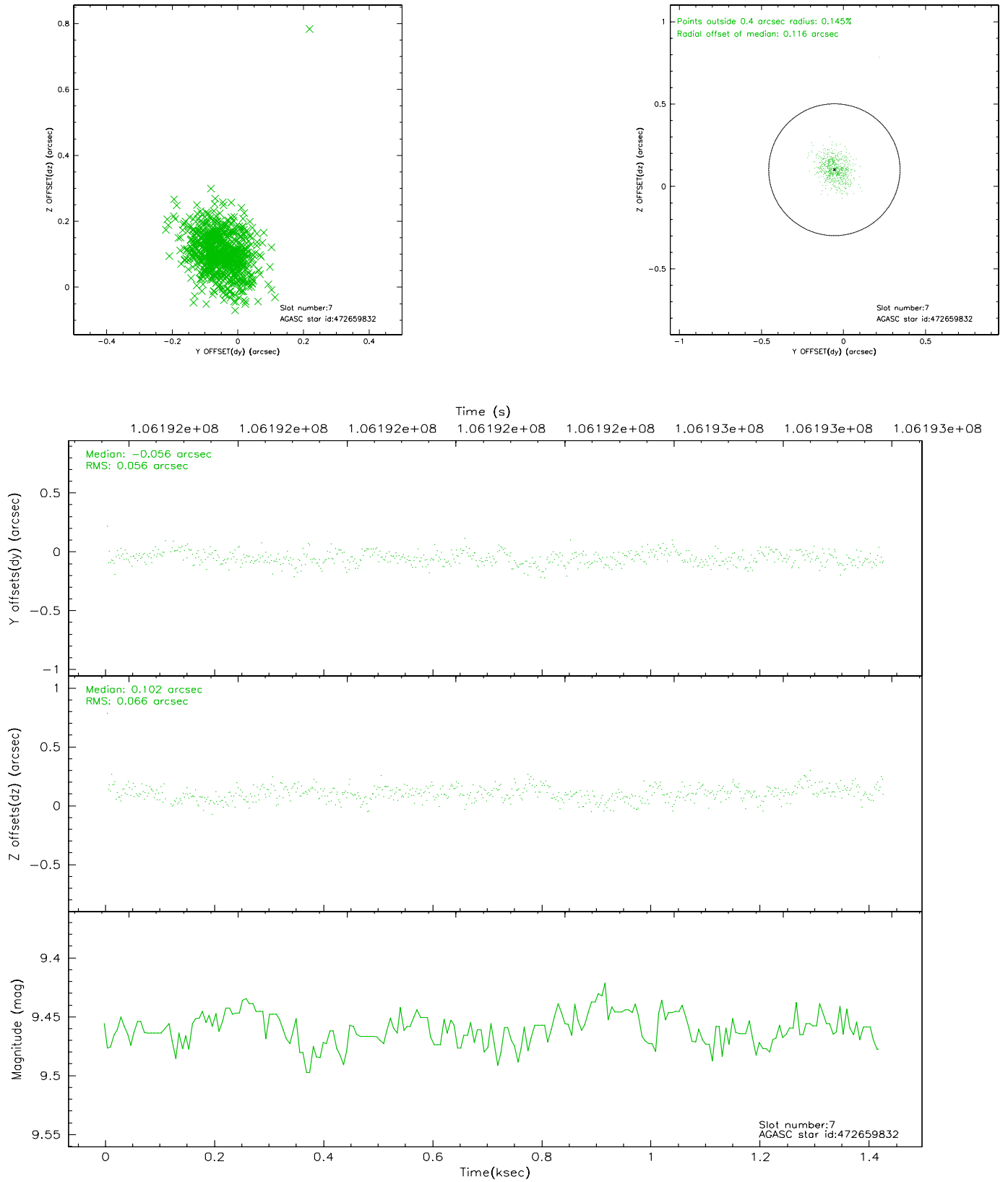
### 2.4.3 Slot 5



## 2.4.4 Slot 6

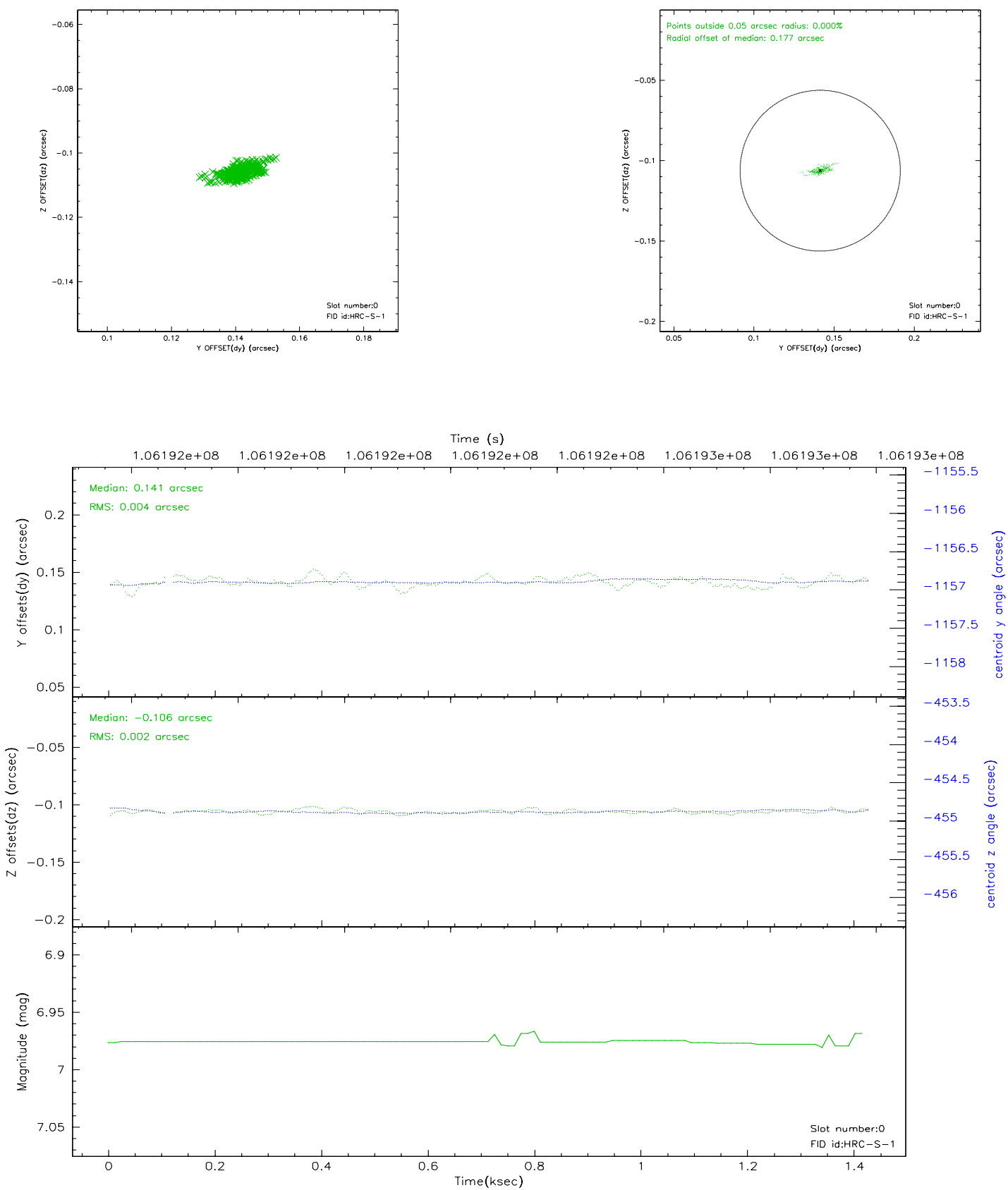


## 2.4.5 Slot 7

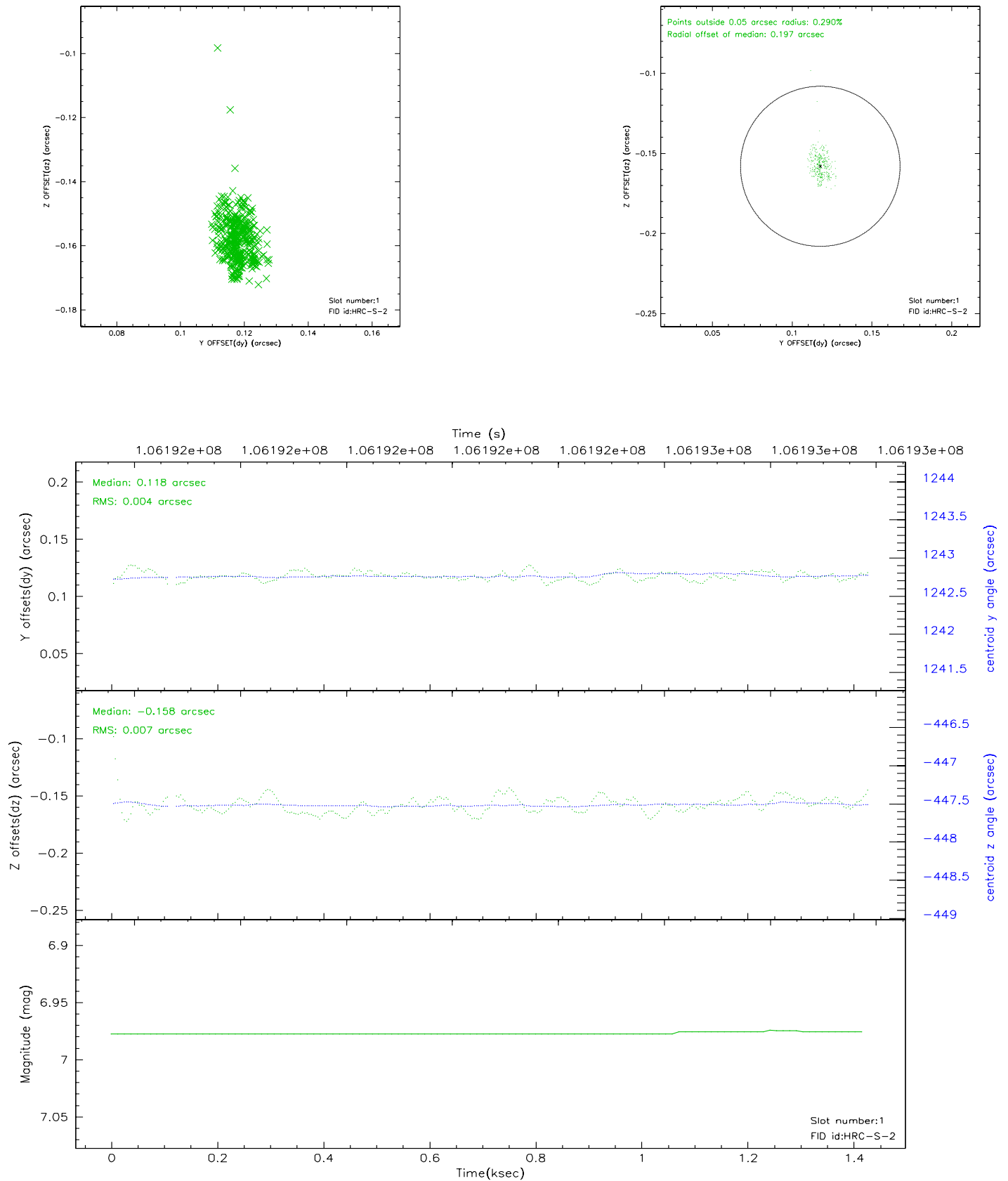


## 2.5 FID Slots

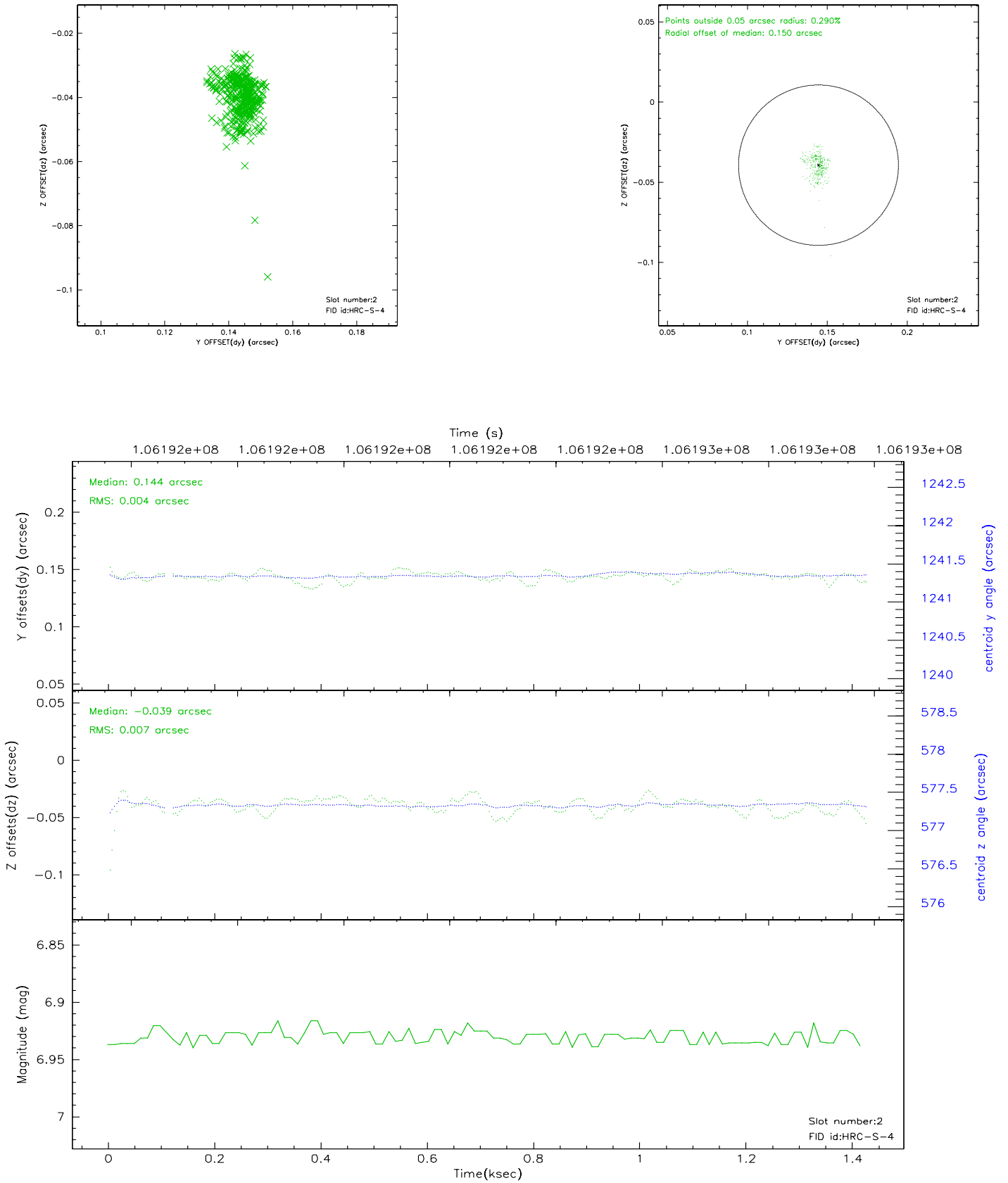
### 2.5.1 Slot 0



## 2.5.2 Slot 1

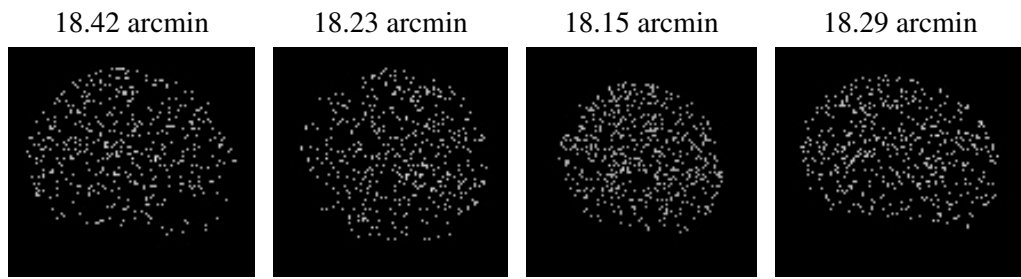


### 2.5.3 Slot 2





### 3 Point Sources



## A Summary

### A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.11.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.405

### A.2 Comments