

# V&V Reference Report

## L2 ASCDS Version : 7.6.10

Observation 2373 - L2 Version 001  
Chandra X-Ray Center

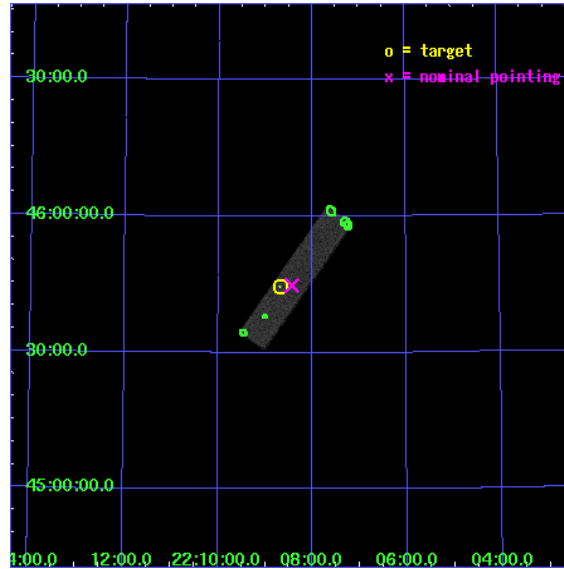
L2 Processing Date : Jun 21 2007

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# 1 Front

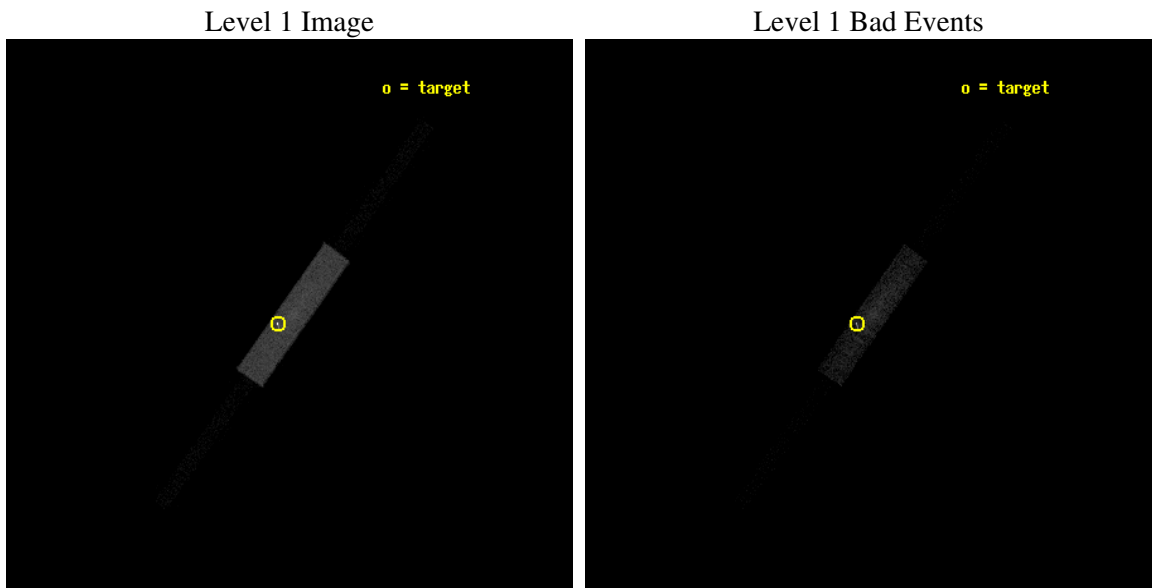
seq_num	290119
obs_id	2373
title	HRC-I CALIBRATION OBSERVATIONS OF ARLAC
observer	Dr. CXC Calibration
object	ARLAC,HRC-S,AO2
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.1084351056
dec_nom	45.747090503632
roll_nom	305.253984378
revision	4
ontime	1142.1062936932
livetime	1136.8286845091
l2events	33438



## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



### 2.1.2 Parameters

obi_num	0
ascdsver	7.6.10
caldbver	3.4.0
date	2007-06-21T15:10:52
revision	3

sched_exp_time	1000.000000
ontime	1142.1062936932
l1events	60131

### 2.1.3 Events

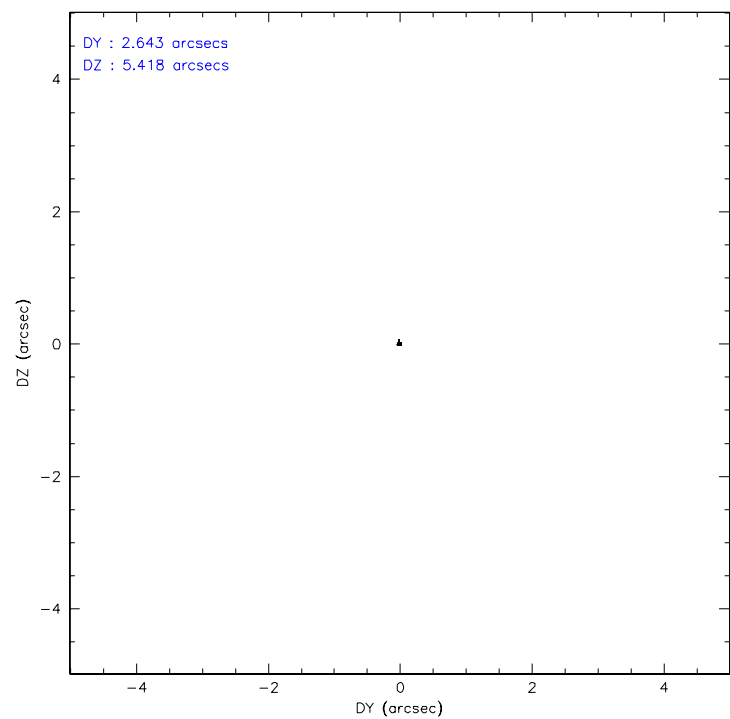
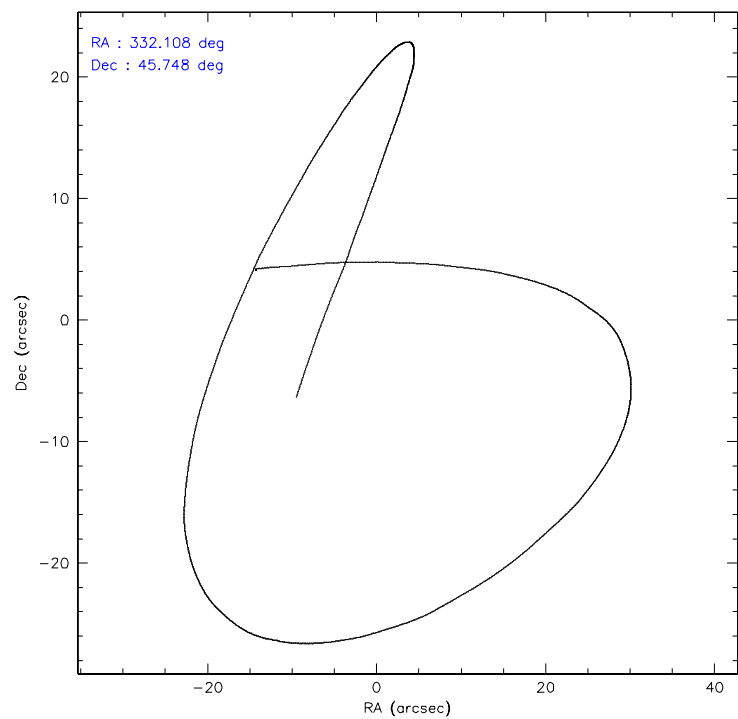
Level 1 Events

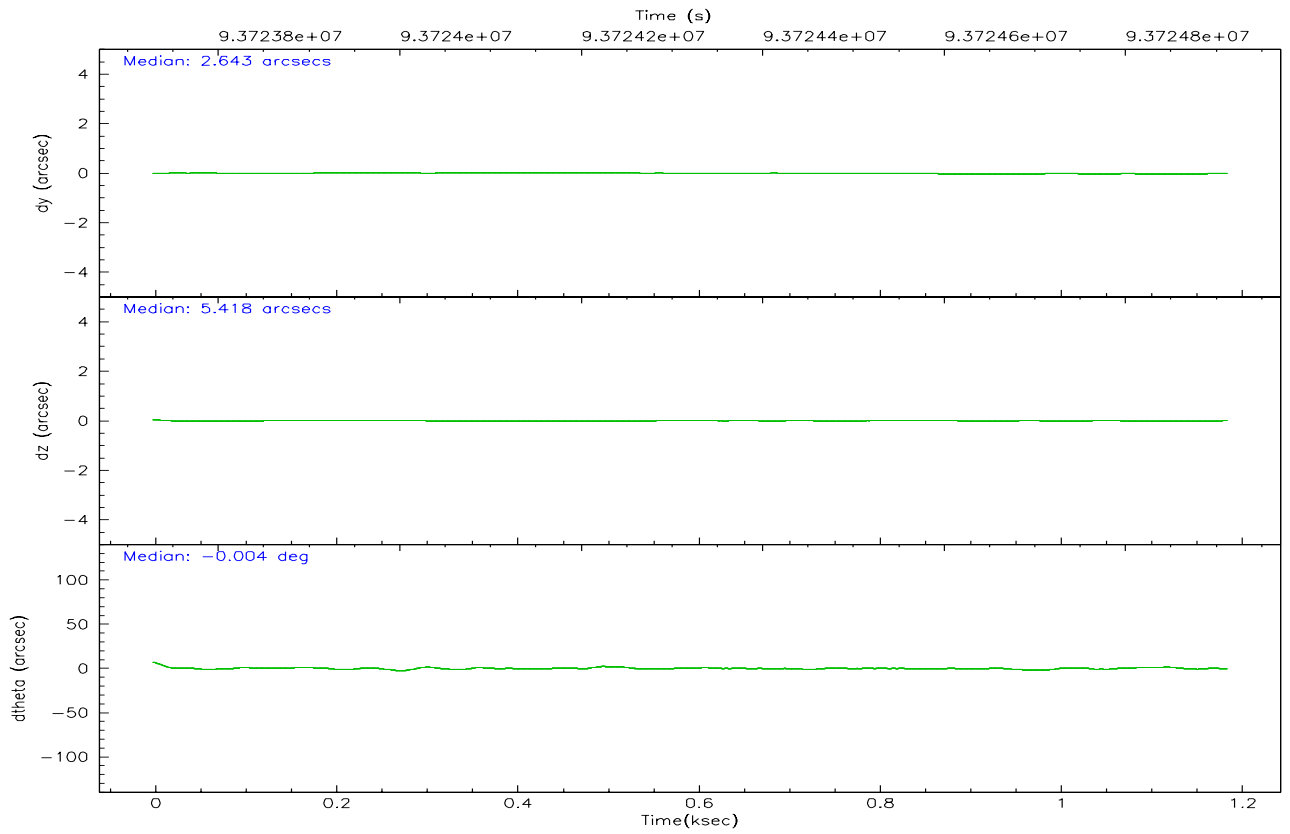
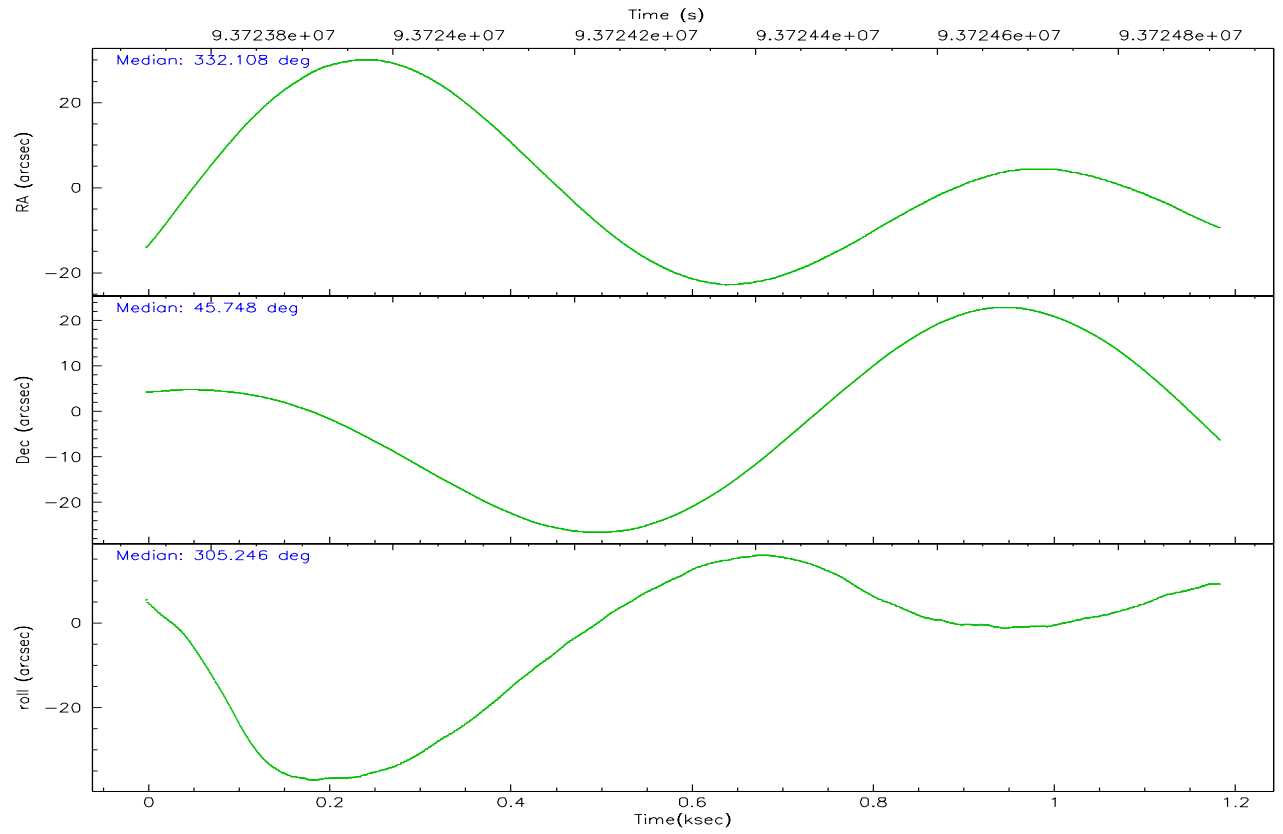
	<b>segment 1</b>	<b>segment 2</b>	<b>segment 3</b>
level 1 events	959	58253	919
rejected events	959	22394	919
rejected %	100%	38%	100%

## 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	332.069119	332.1084351055989			
Pointing Dec	45.757133	45.74709050363229			
Pointing Roll	305.214863	305.2539843779965			
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	93723912.184000	93723536.064105			
Observation start date	2000-12-20T18:24:08	2000-12-20T18:18:56			
Observation end time	93724912.184000	93725045.889163			
Observation end date	2000-12-20T18:40:48	2000-12-20T18:44:05			

2.3 Aspect





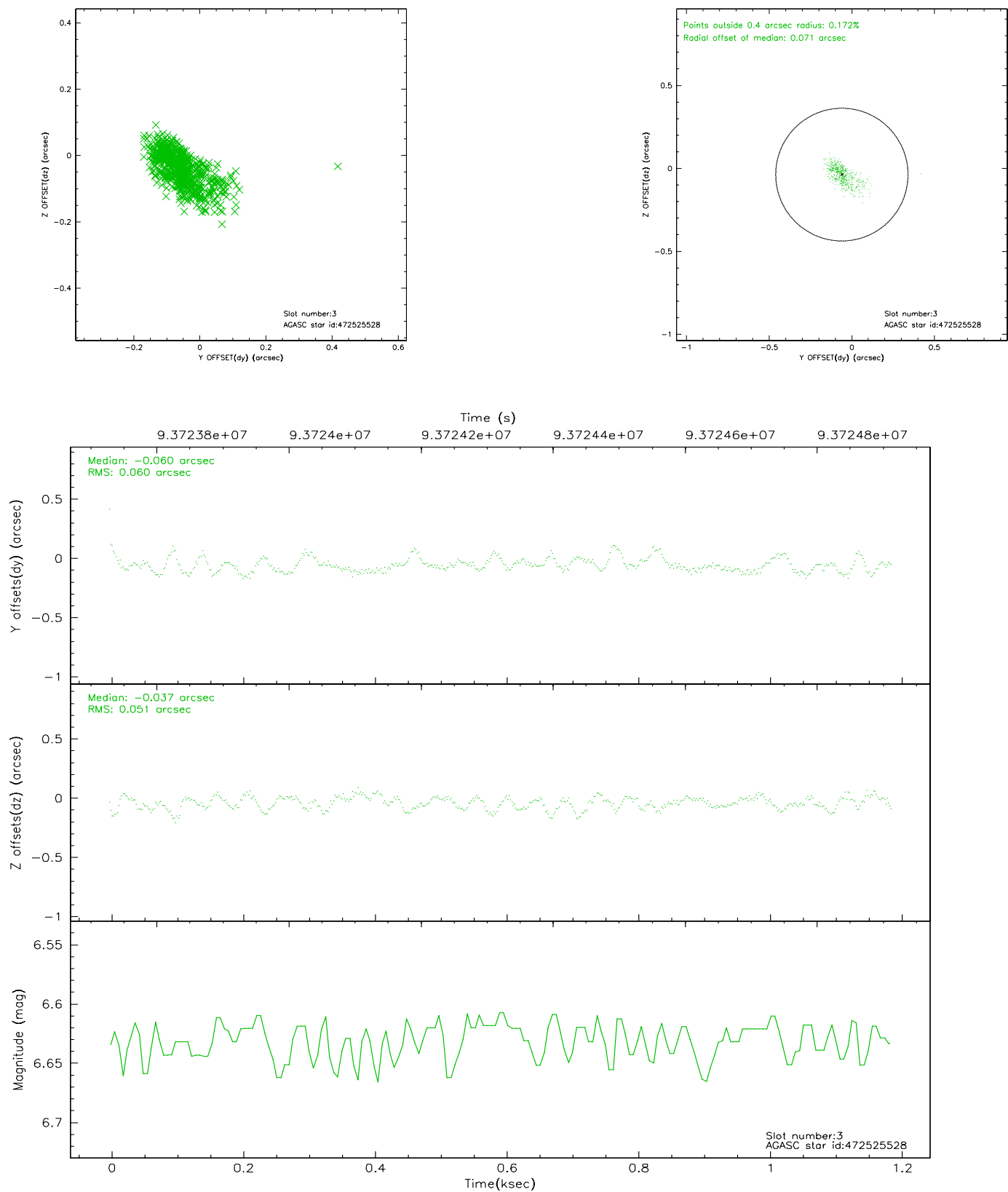
### Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.97	290	0.133	-0.105	0.004	0.008	0.000000	0.000000	-1156.67	-453.92
1	FID	HRC-S-2	6.98	290	0.128	-0.154	0.007	0.012	0.000000	0.000000	1239.02	-448.13
2	FID	HRC-S-4	6.93	290	0.142	-0.045	0.007	0.012	0.000000	0.000000	1245.86	576.72
3	GUIDE	472525528	6.63	580	-0.060	-0.037	0.077	0.147	331.551102	45.248694	735.76	-2130.74
4	GUIDE	472523760	8.23	579	-0.066	-0.213	0.056	0.093	331.645363	45.403260	422.88	-1617.00
5	GUIDE	472655152	9.43	577	-0.063	0.080	0.095	0.165	332.504239	45.862991	316.24	1104.88
6	GUIDE	472655704	9.48	578	0.082	-0.008	0.091	0.150	332.167195	45.285228	1532.42	-779.63
7	GUIDE	472646552	9.63	579	0.097	0.181	0.108	0.184	333.120915	45.571877	2062.13	1785.02

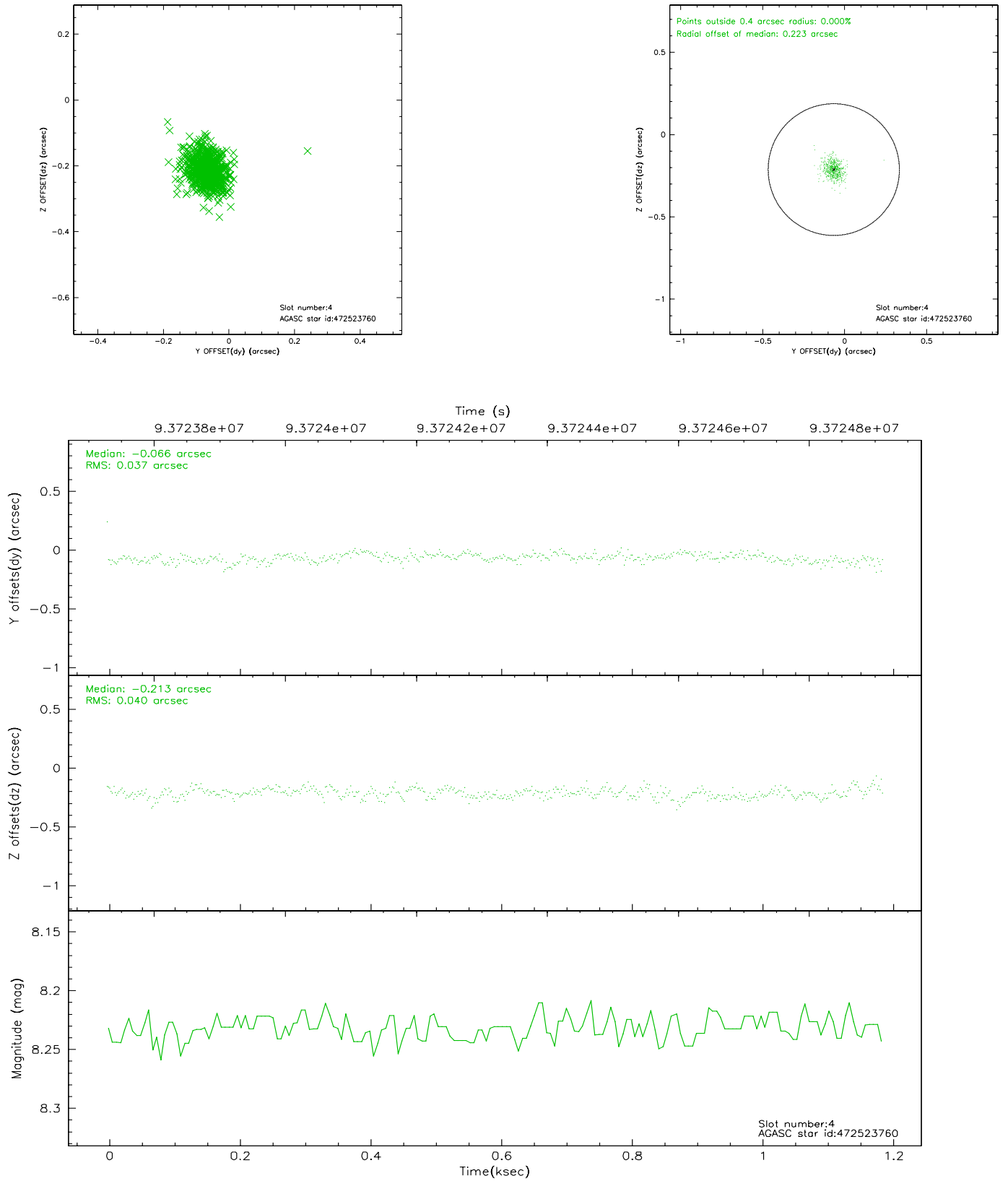


## 2.4 Star Slots

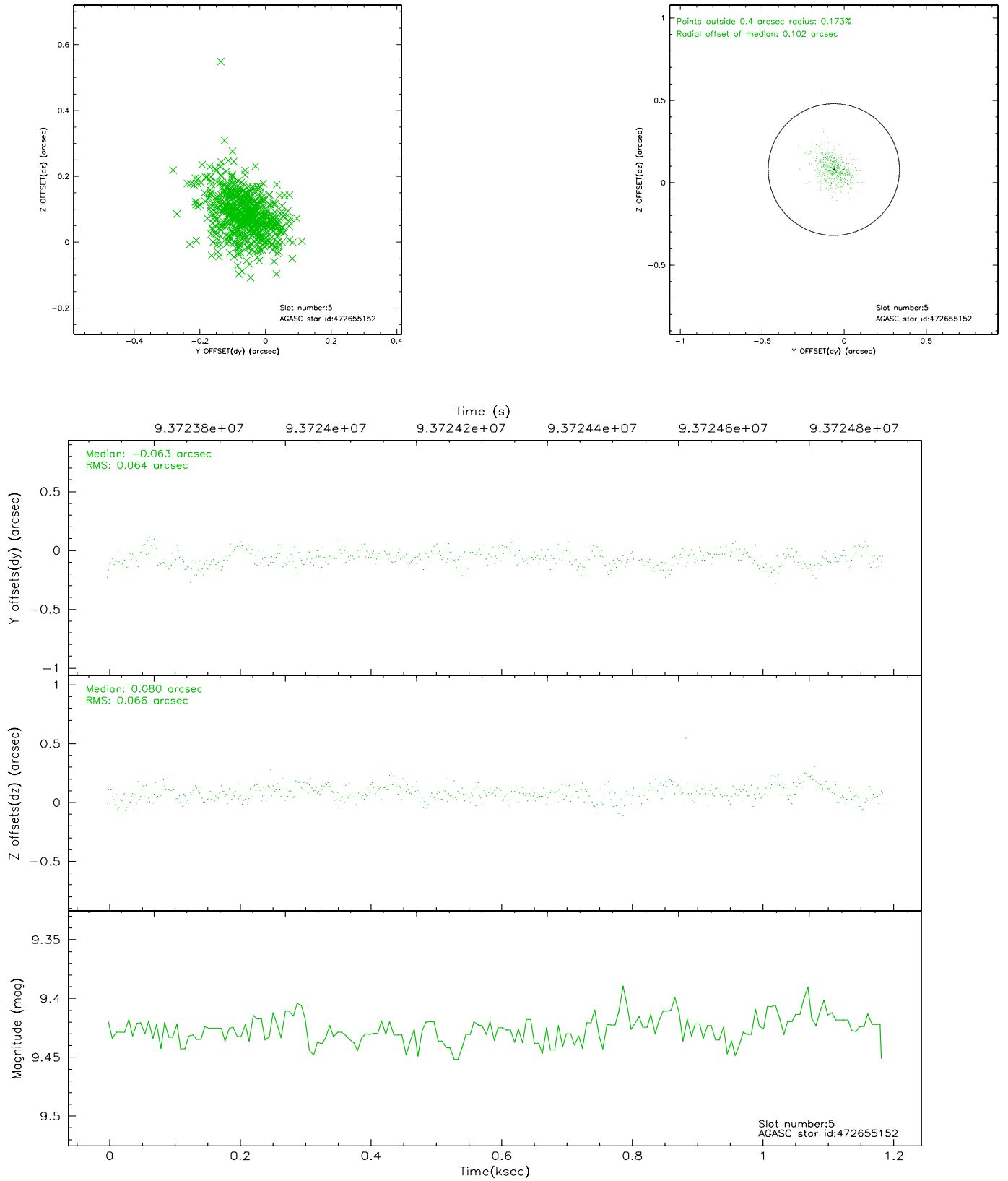
### 2.4.1 Slot 3



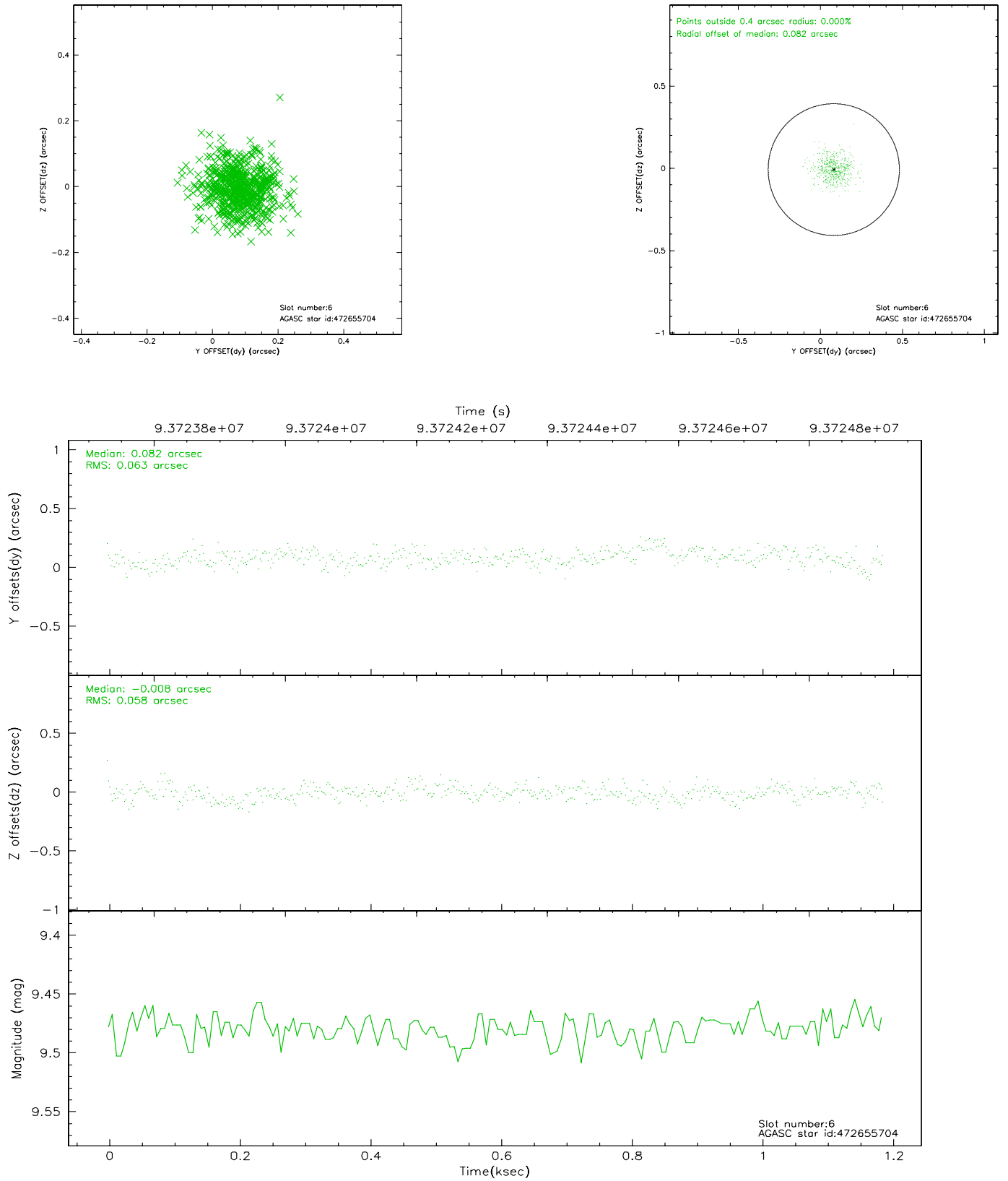
## 2.4.2 Slot 4



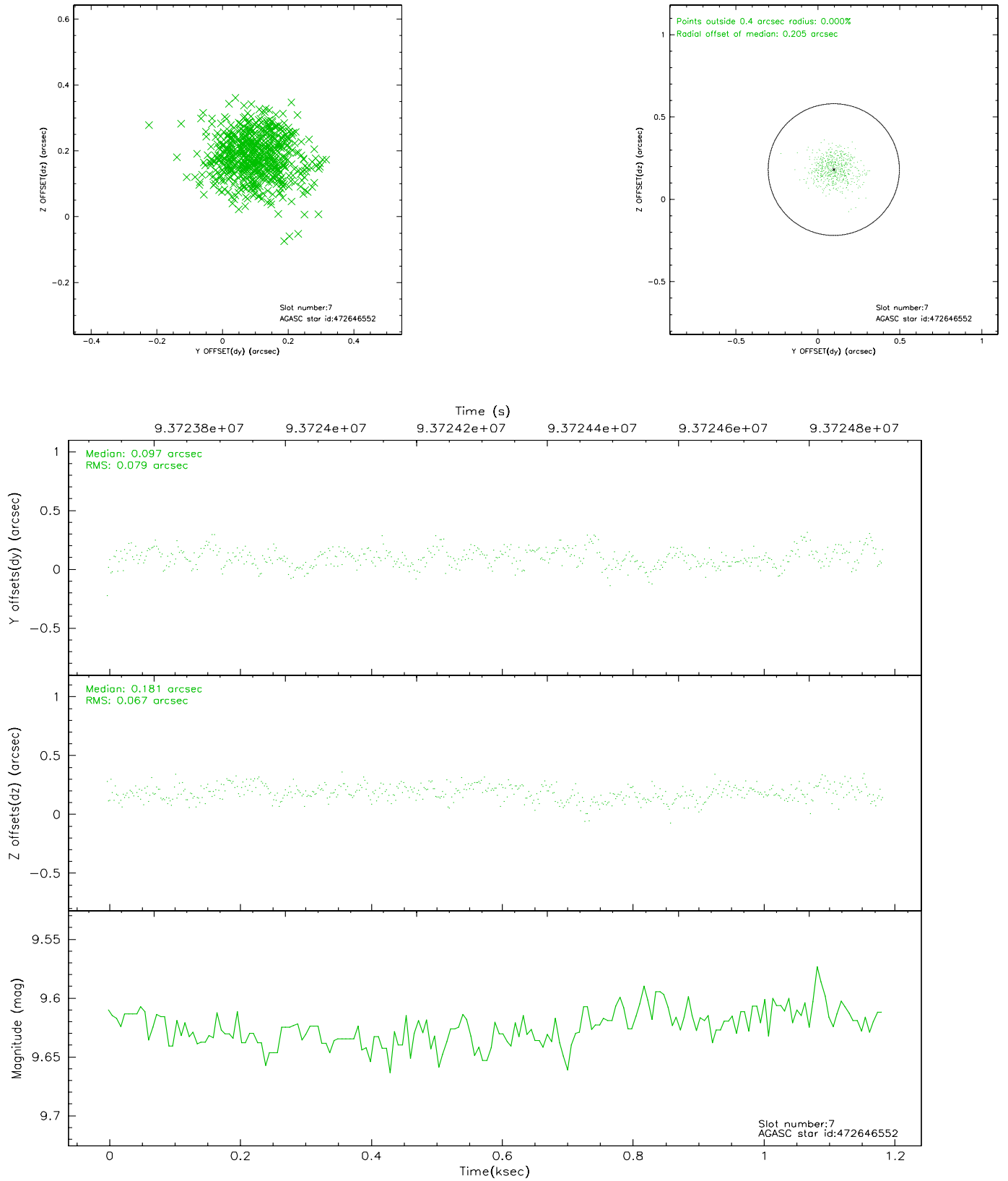
### 2.4.3 Slot 5



## 2.4.4 Slot 6

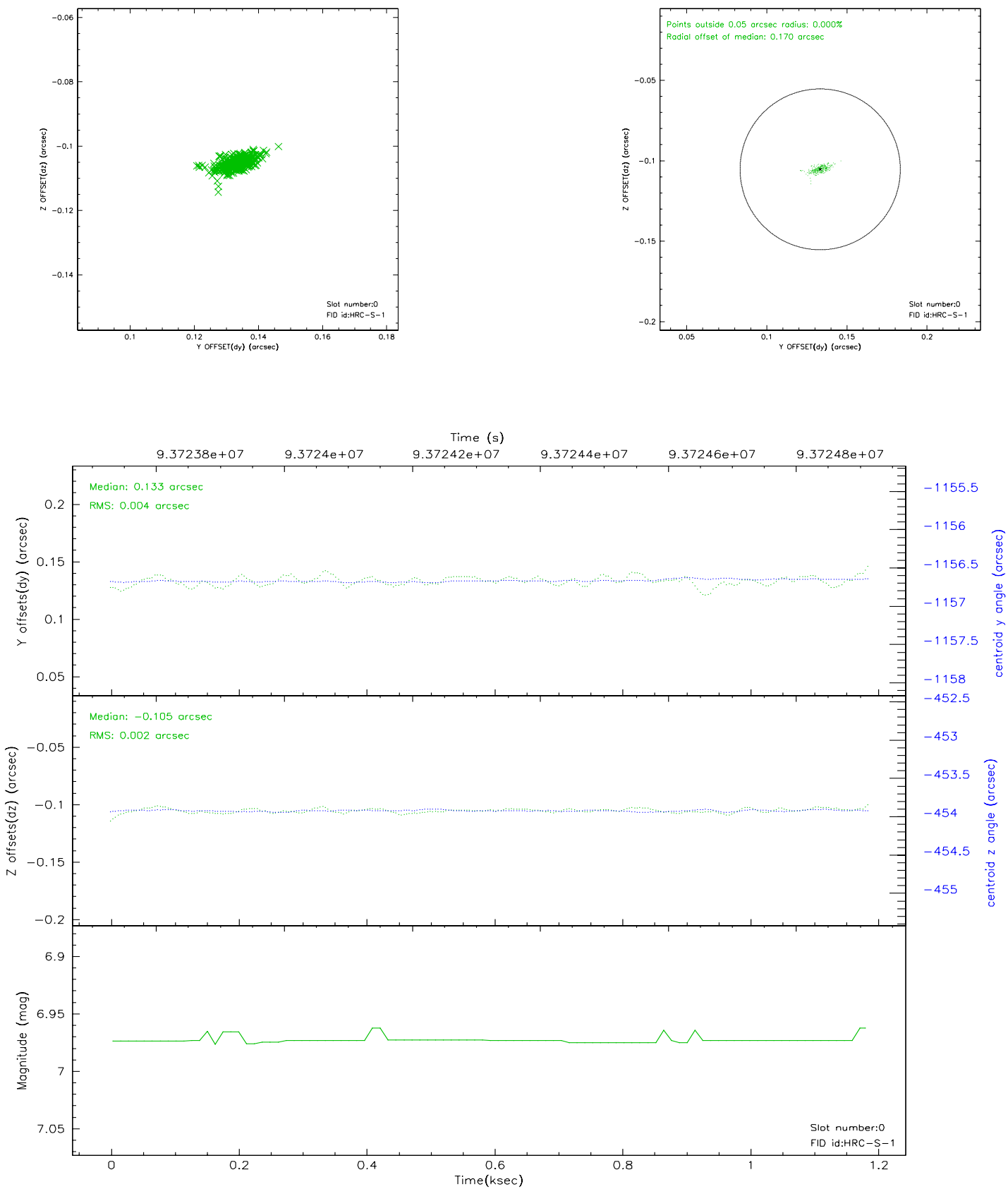


## 2.4.5 Slot 7

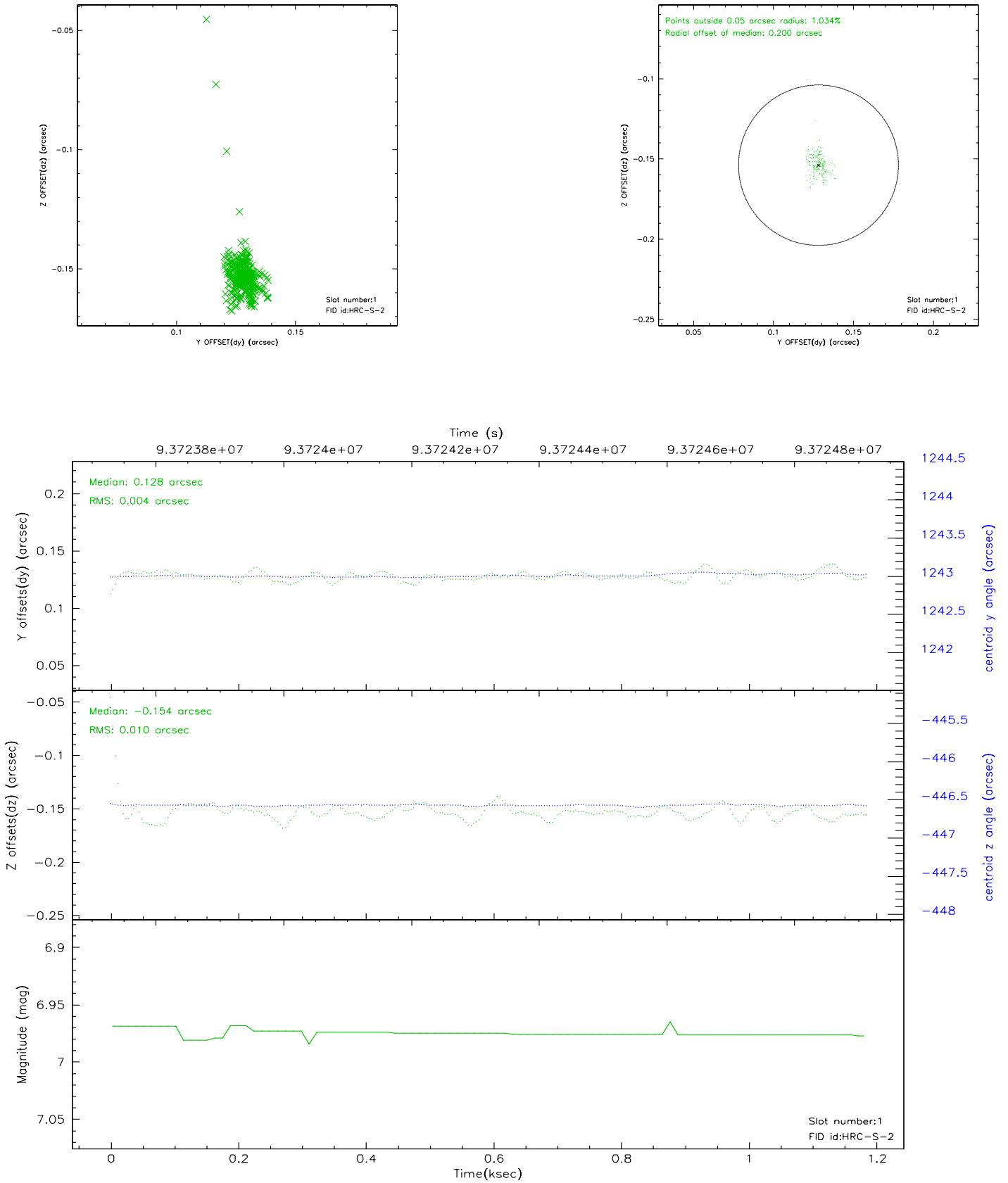


## 2.5 FID Slots

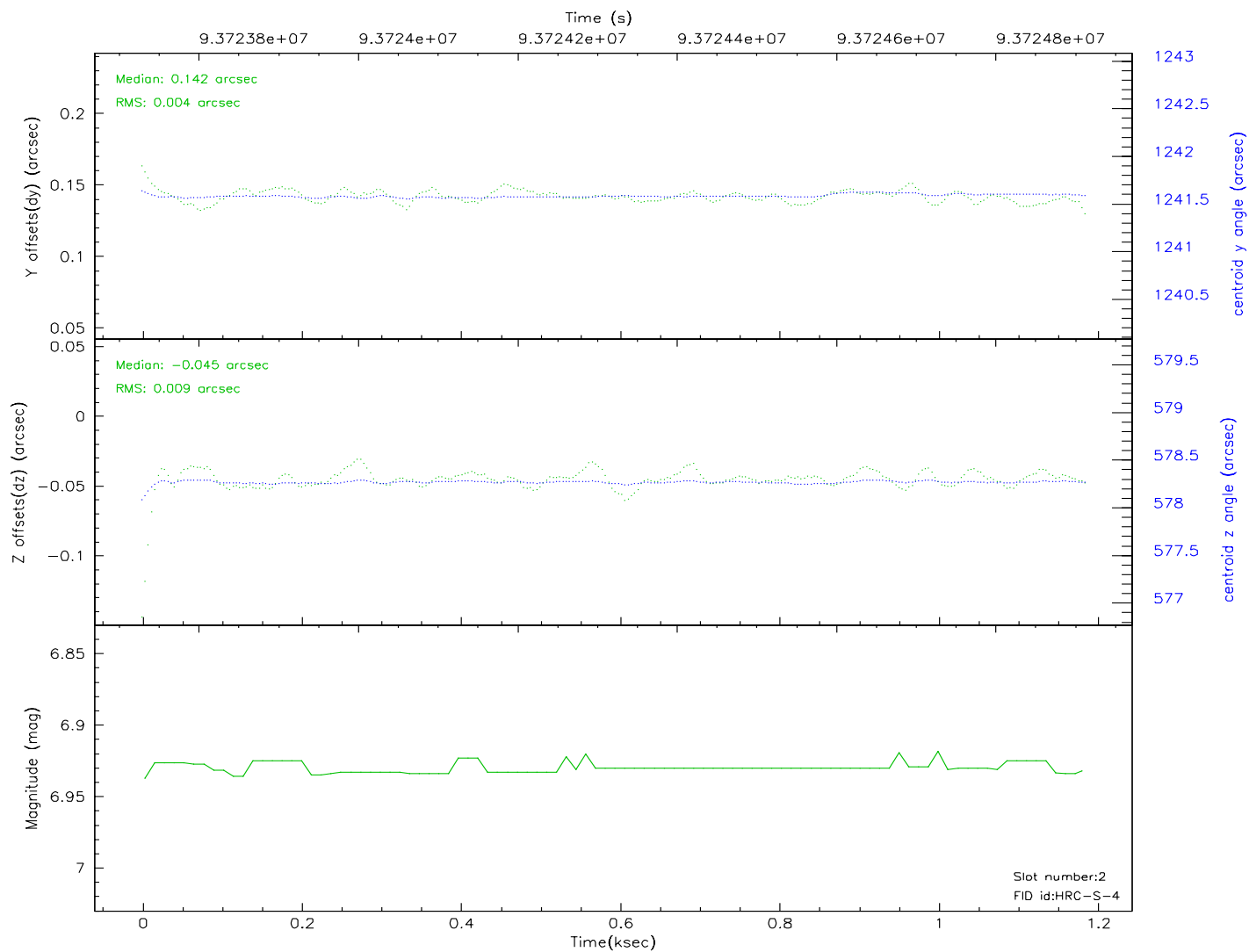
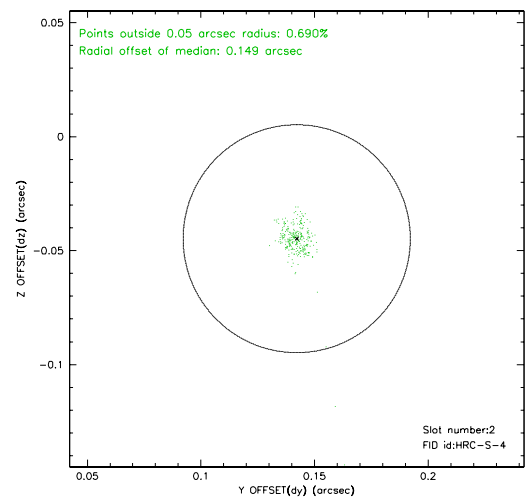
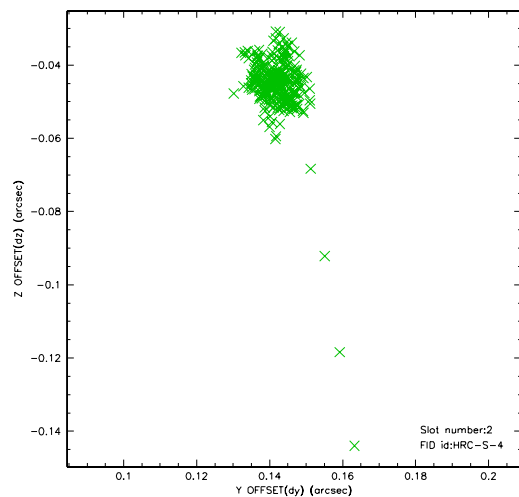
### 2.5.1 Slot 0



## 2.5.2 Slot 1

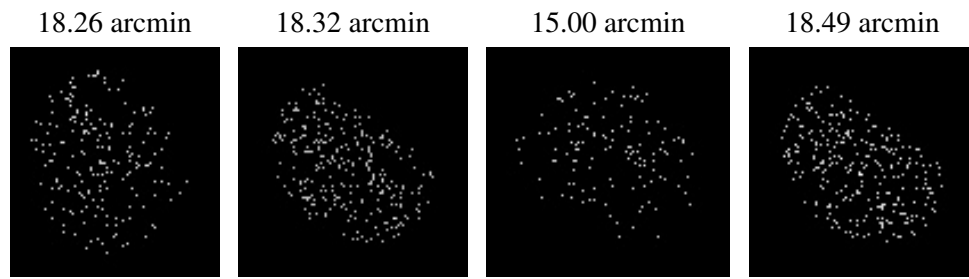


## 2.5.3 Slot 2





### 3 Point Sources



## A Summary

### A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.06.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.18

### A.2 Comments

Charge time for this ObsId remains at previous value of 1.18 ks, although with the current processing the charge time would have been 1.14 ksec.