

# V&V Reference Report

## L2 ASCDS Version : 7.6.10

Observation 2375 - L2 Version 001  
Chandra X-Ray Center

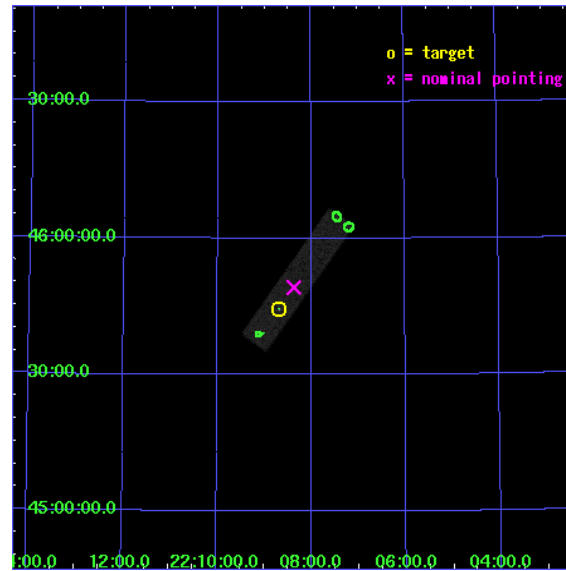
L2 Processing Date : Jun 21 2007

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# 1 Front

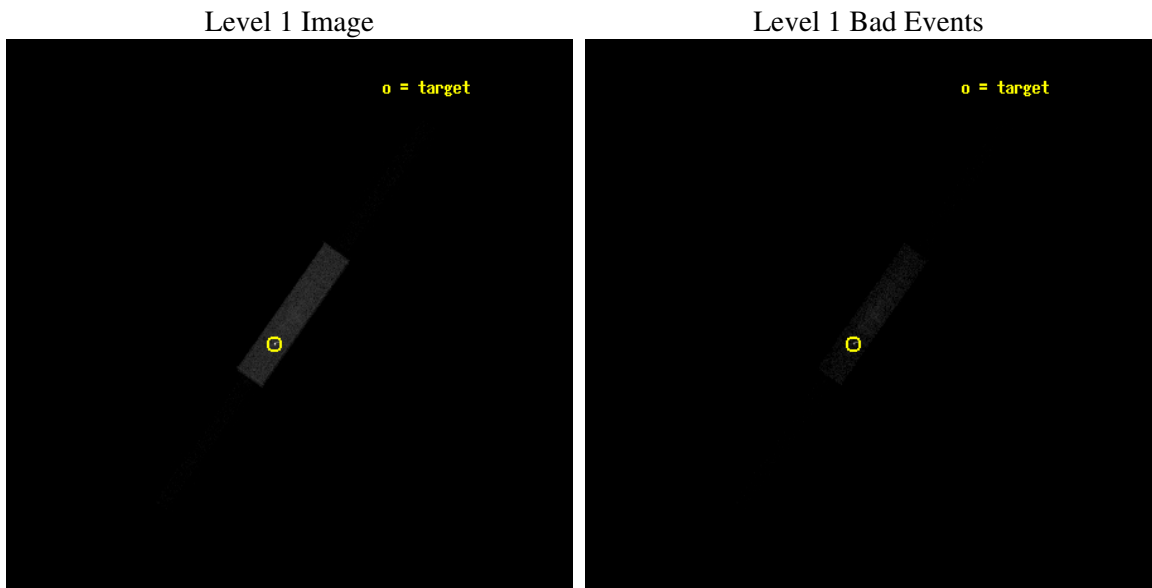
seq_num	290121
obs_id	2375
title	HRC-I CALIBRATION OBSERVATIONS OF ARLAC
observer	Dr. CXC Calibration
object	ARLAC,HRC-S,AO2
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.0920619229
dec_nom	45.820947325588
roll_nom	305.29467696047
revision	4
ontime	1142.1062936932
livetime	1136.6474061889
l2events	35560



## 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	2007-06-21T15:18:33
revision	3

sched_exp_time	1000.000000
ontime	1142.1062936932
l1events	63077

### 2.1.3 Events

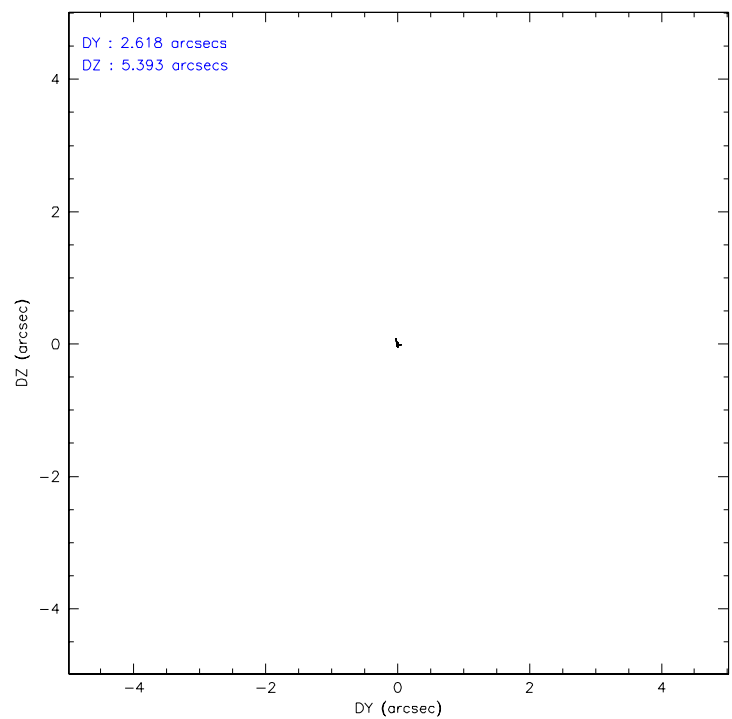
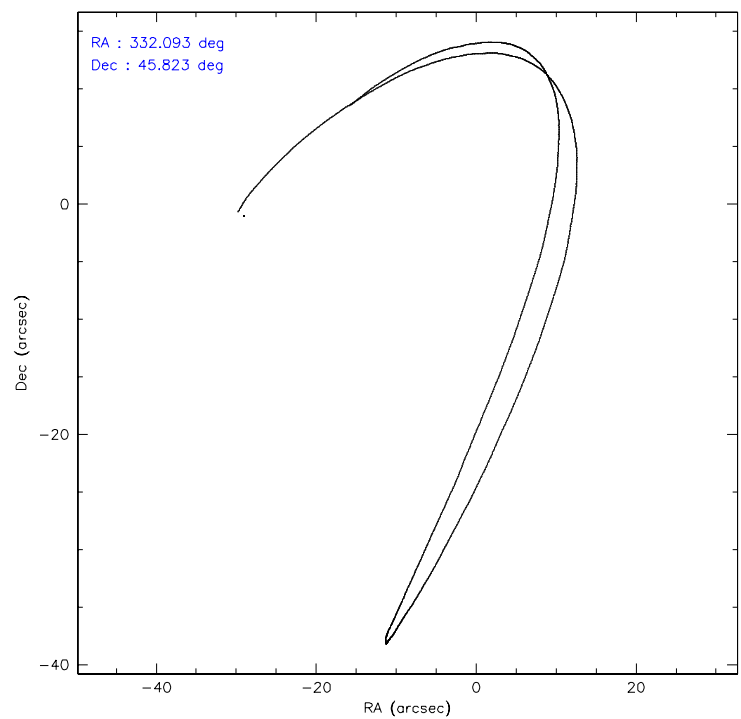
Level 1 Events

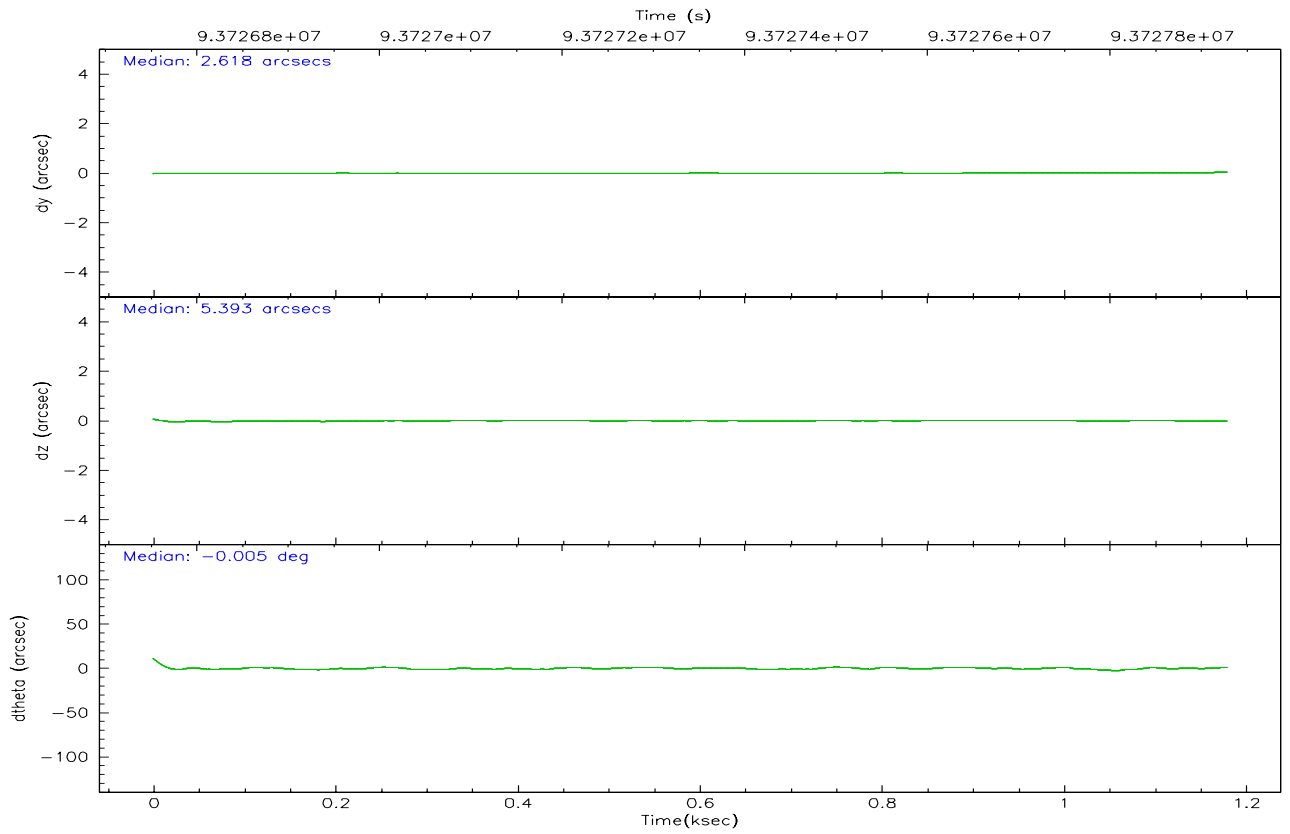
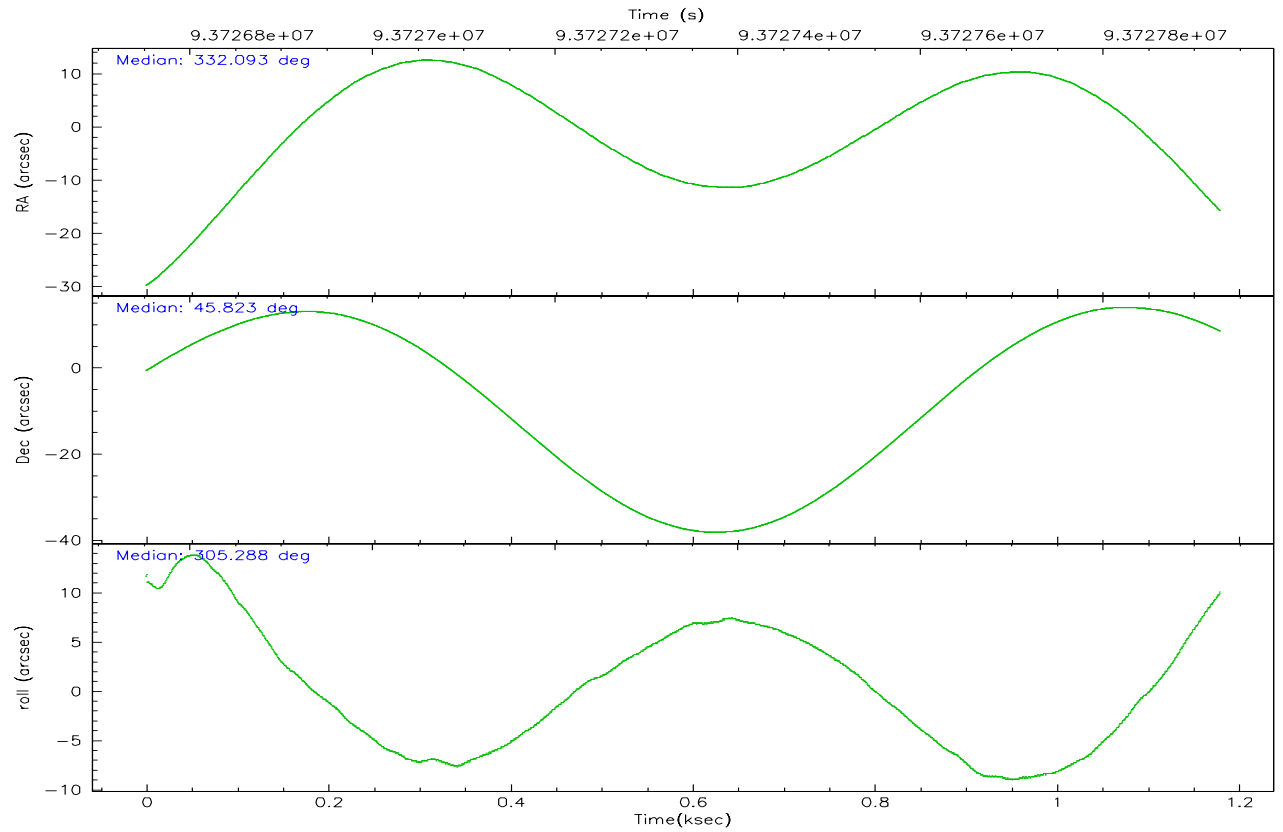
	<b>segment 1</b>	<b>segment 2</b>	<b>segment 3</b>
level 1 events	919	61220	938
rejected events	919	23211	938
rejected %	100%	37%	100%

## 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	332.052969	332.0920619229026			
Pointing Dec	45.830762	45.82094732558782			
Pointing Roll	305.255429	305.2946769604727			
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	93726932.184000	93726555.71422			
Observation start date	2000-12-20T19:14:28	2000-12-20T19:09:15			
Observation end time	93727932.184000	93728065.539278			
Observation end date	2000-12-20T19:31:08	2000-12-20T19:34:25			

## 2.3 Aspect





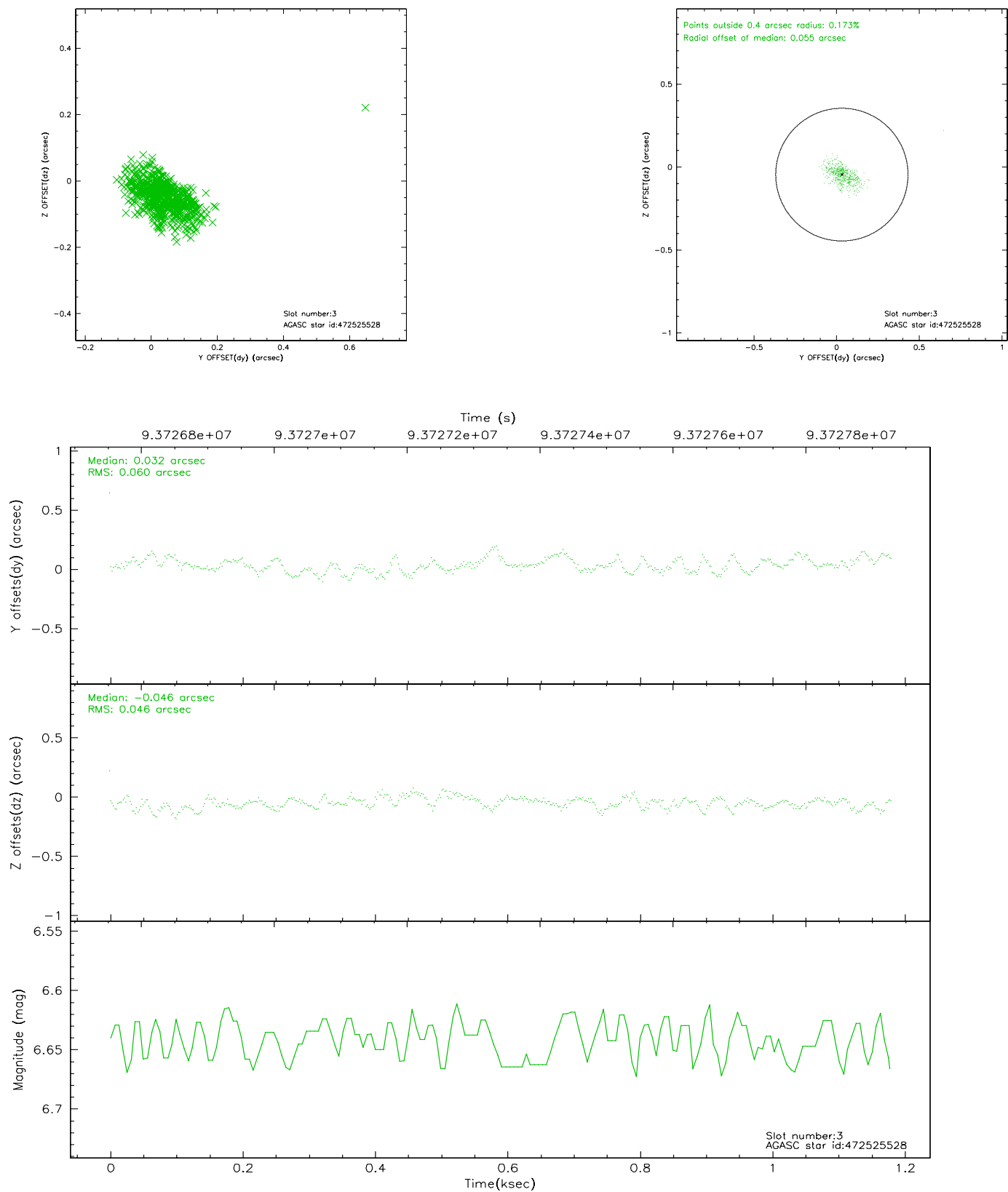
### Slot Statistics

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	288	0.109	-0.162	0.005	0.009	0.000000	0.000000	-1156.67	-453.96
1	FID	HRC-S-3	6.99	288	0.155	-0.044	0.007	0.010	0.000000	0.000000	-1163.38	574.12
2	FID	HRC-S-4	6.93	288	0.124	-0.091	0.004	0.009	0.000000	0.000000	1237.54	580.25
3	GUIDE	472525528	6.64	577	0.032	-0.046	0.075	0.129	331.551102	45.248694	975.56	-2250.64
4	GUIDE	472535576	7.84	577	-0.138	0.042	0.049	0.080	331.438373	46.291802	-2239.45	-295.87
5	GUIDE	472523760	8.23	577	-0.030	-0.201	0.064	0.095	331.645363	45.403260	657.79	-1733.54
6	GUIDE	472659832	9.47	577	-0.061	-0.010	0.100	0.163	332.780399	46.098139	257.82	2035.49
7	GUIDE	472646552	9.63	574	0.194	0.212	0.124	0.200	333.120915	45.571877	2301.79	1669.40

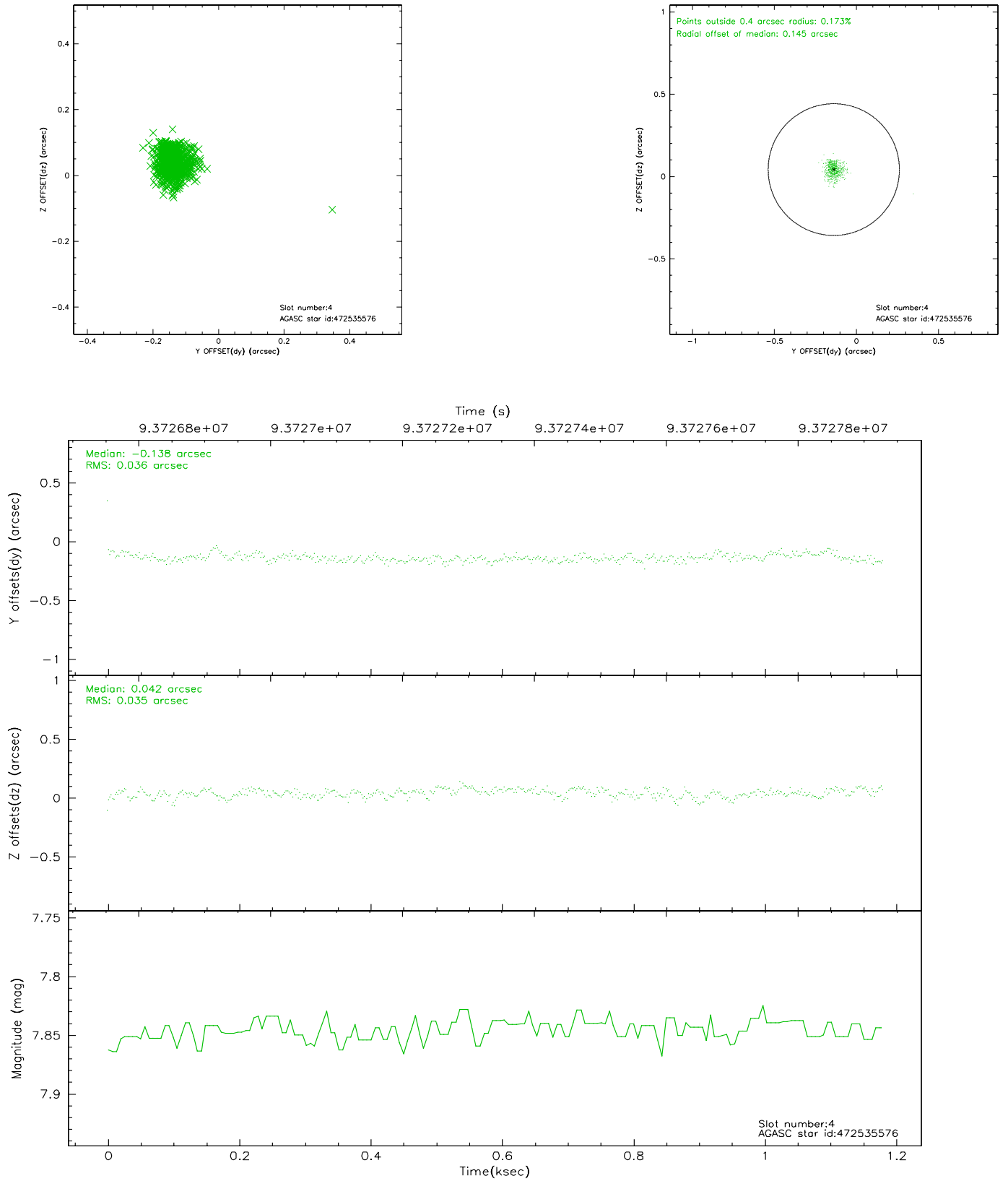


## 2.4 Star Slots

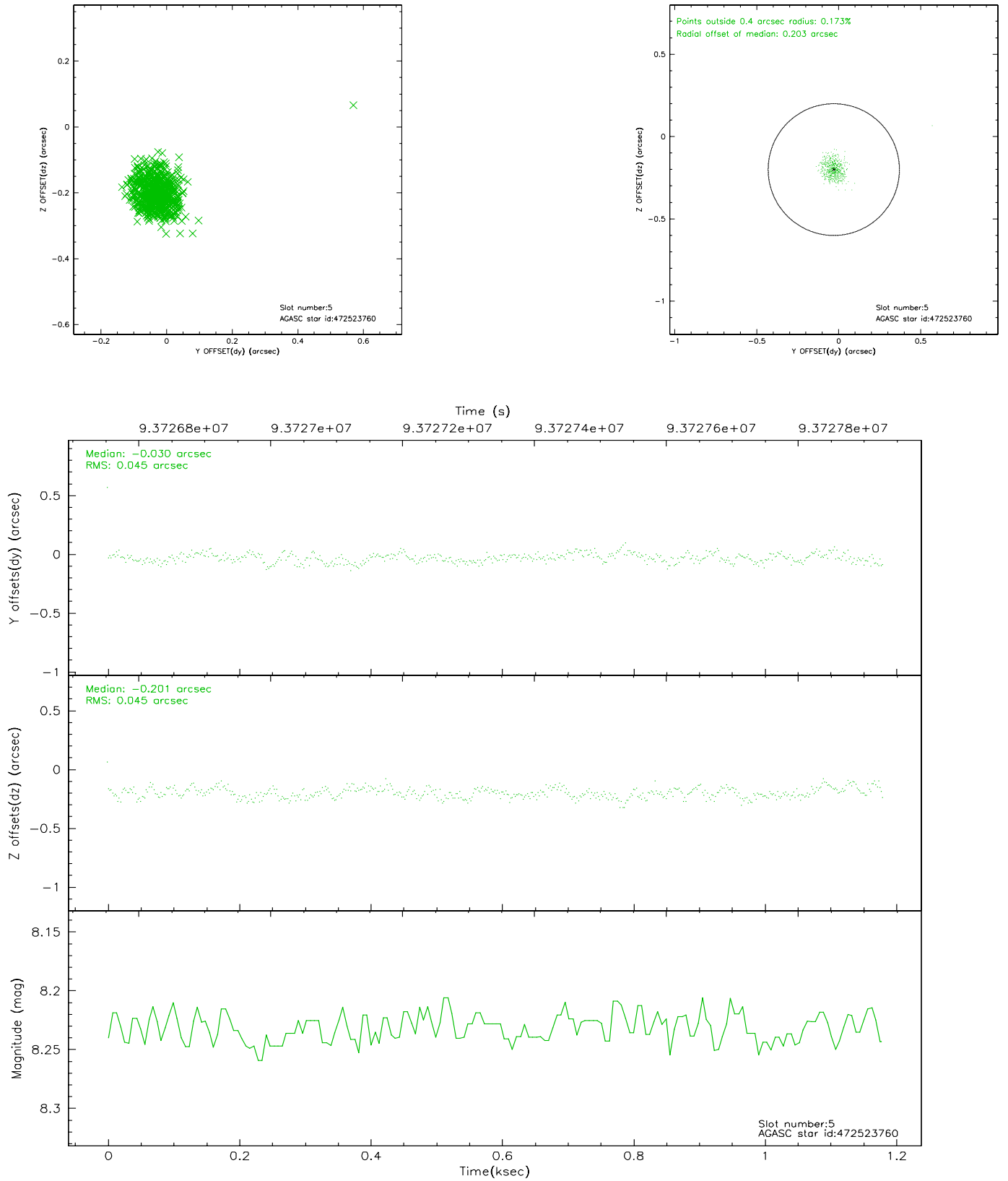
### 2.4.1 Slot 3



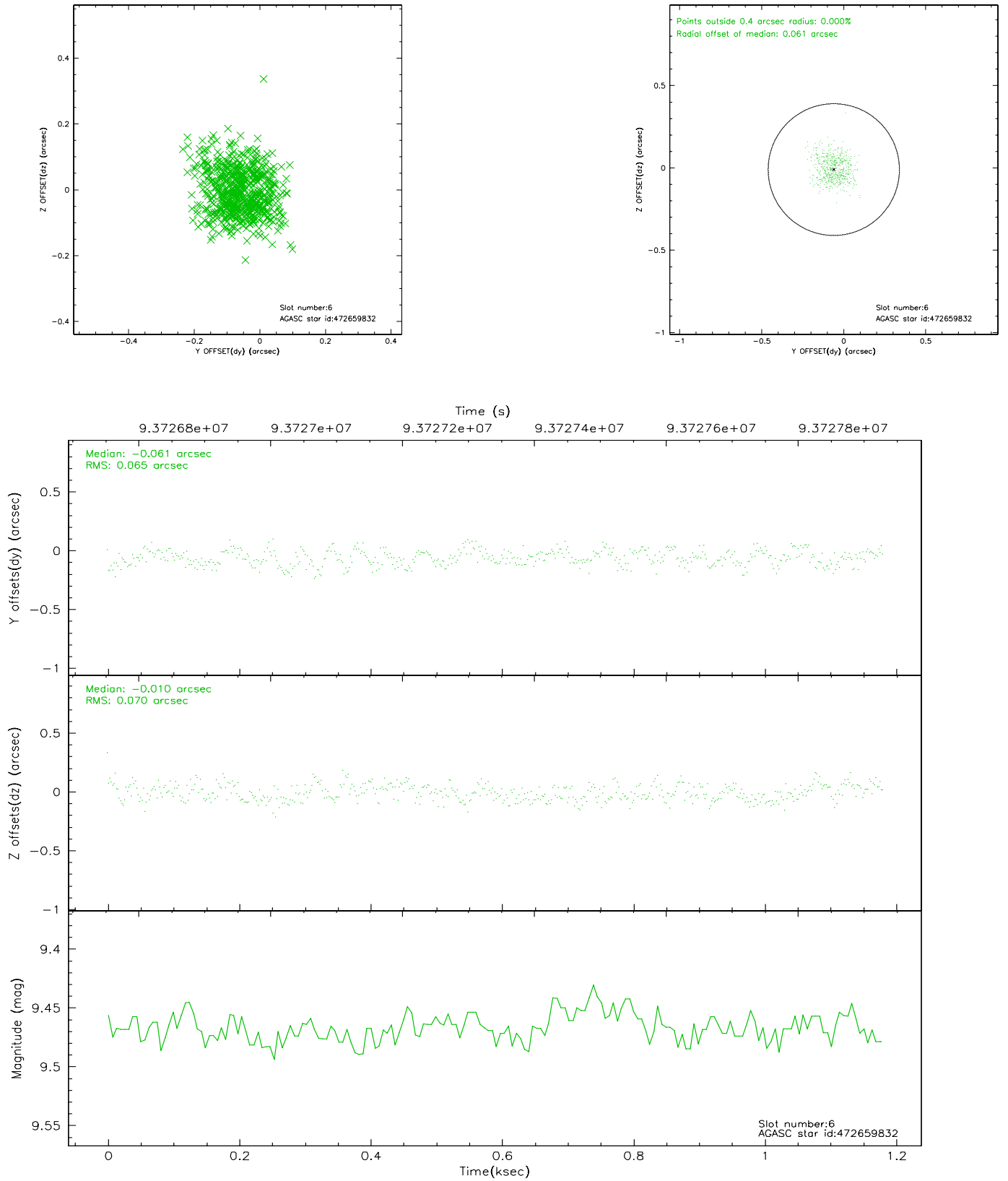
## 2.4.2 Slot 4



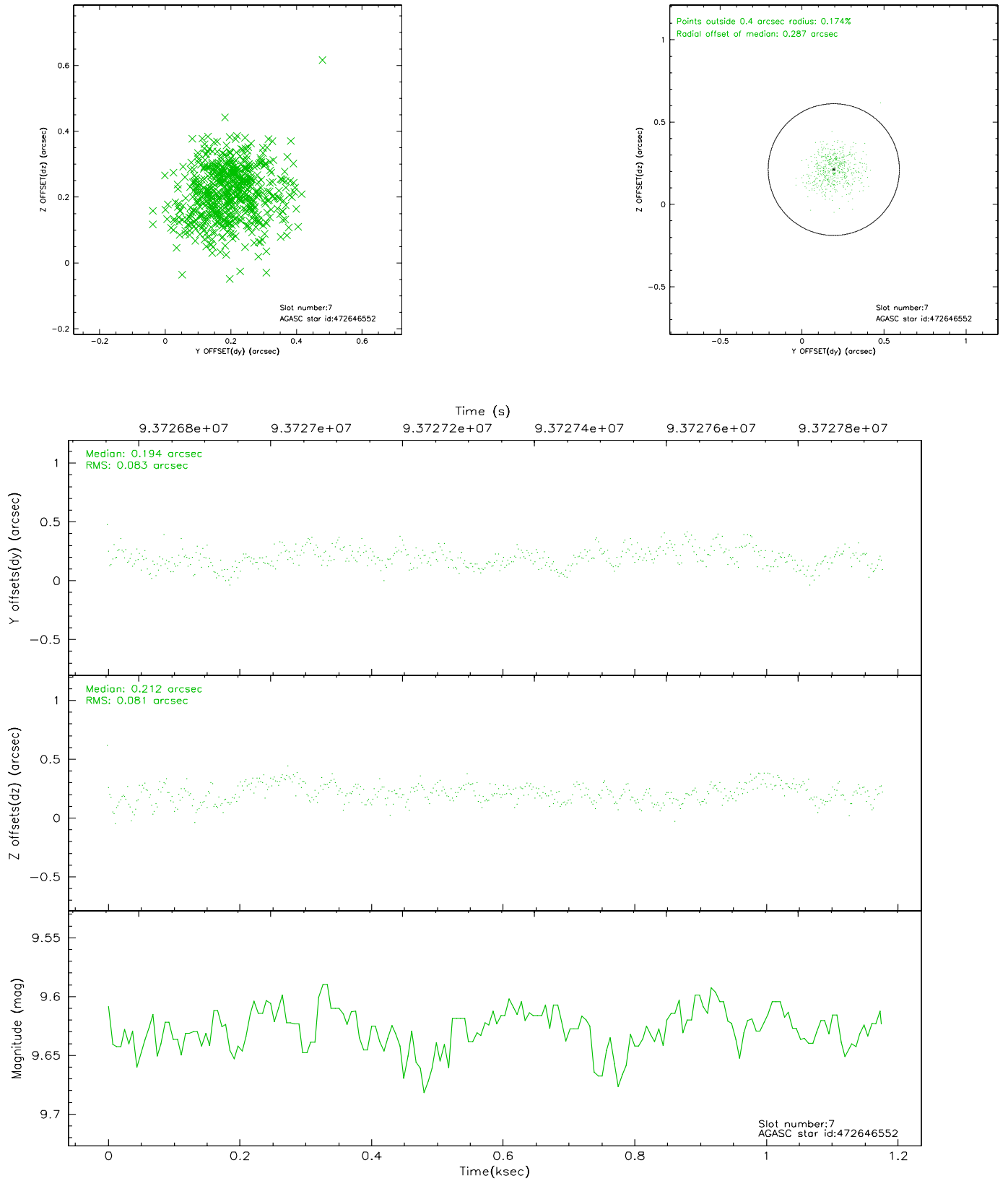
### 2.4.3 Slot 5



## 2.4.4 Slot 6

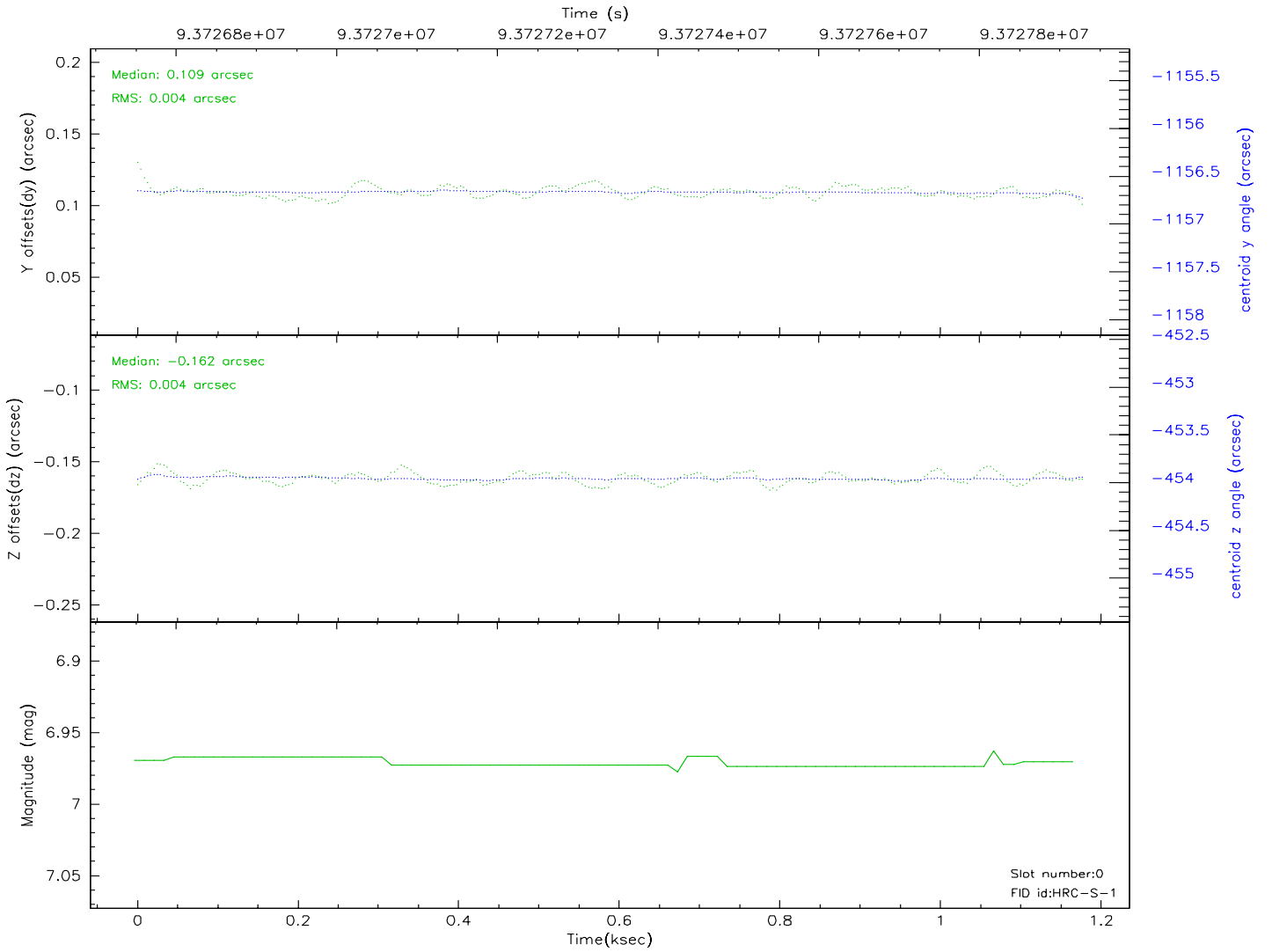
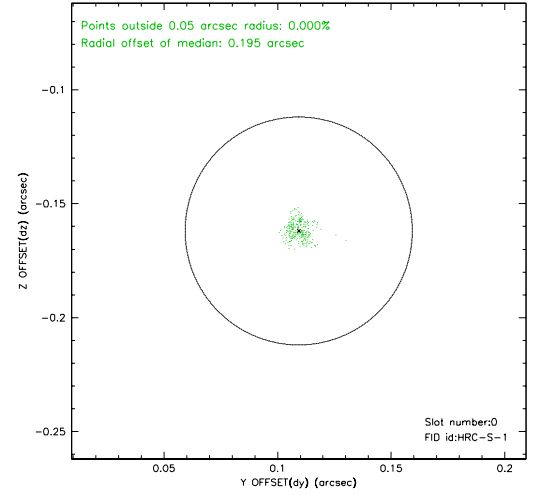
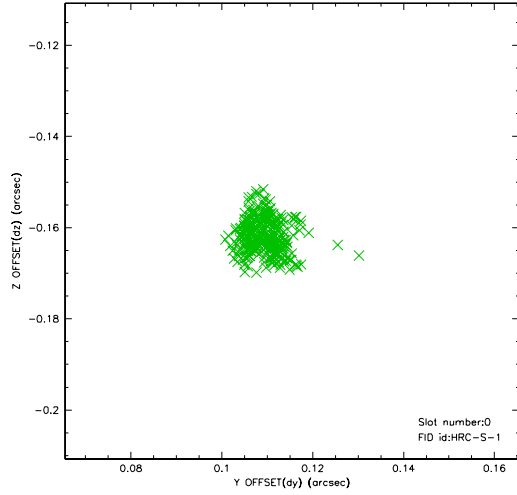


## 2.4.5 Slot 7

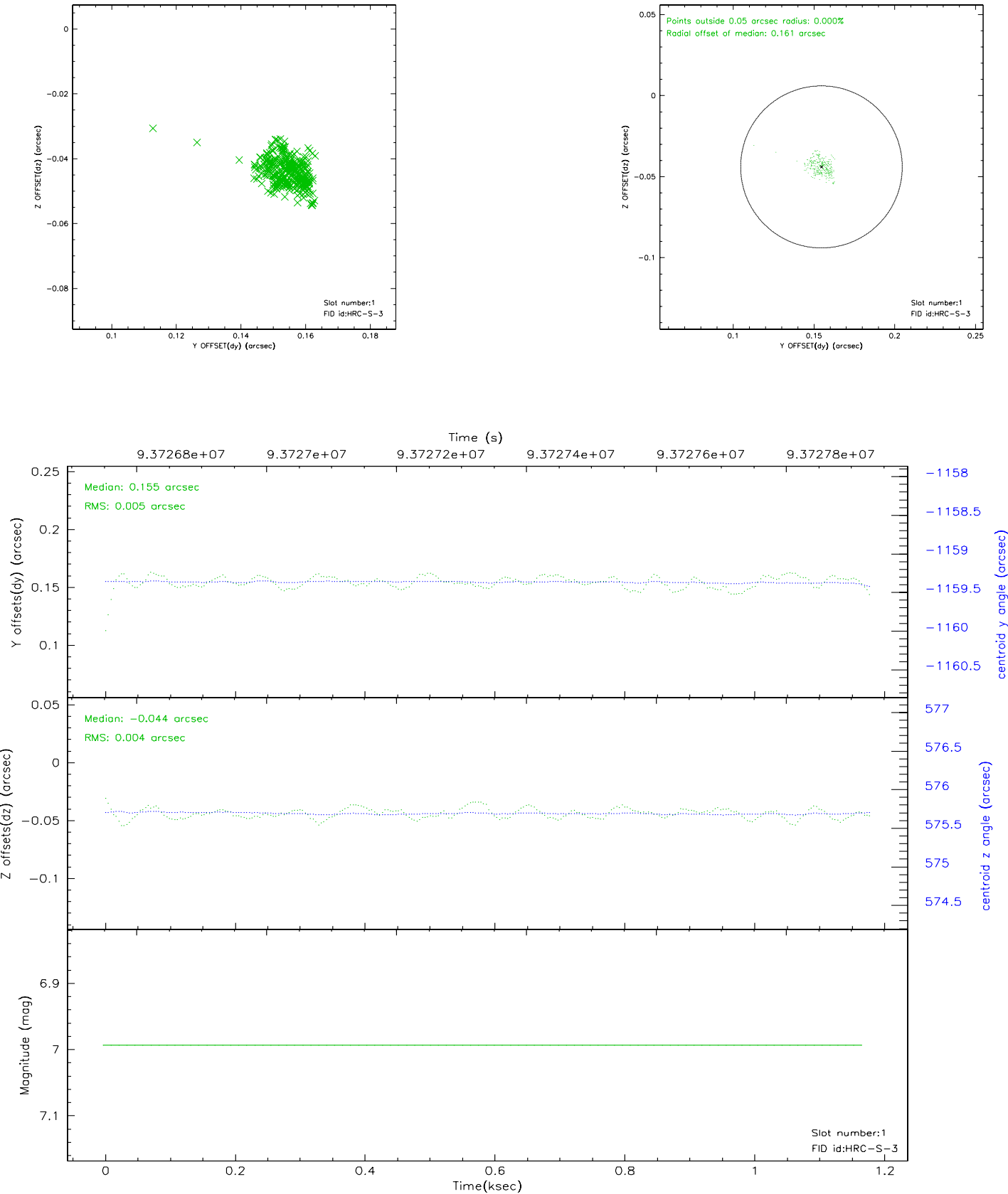


## 2.5 FID Slots

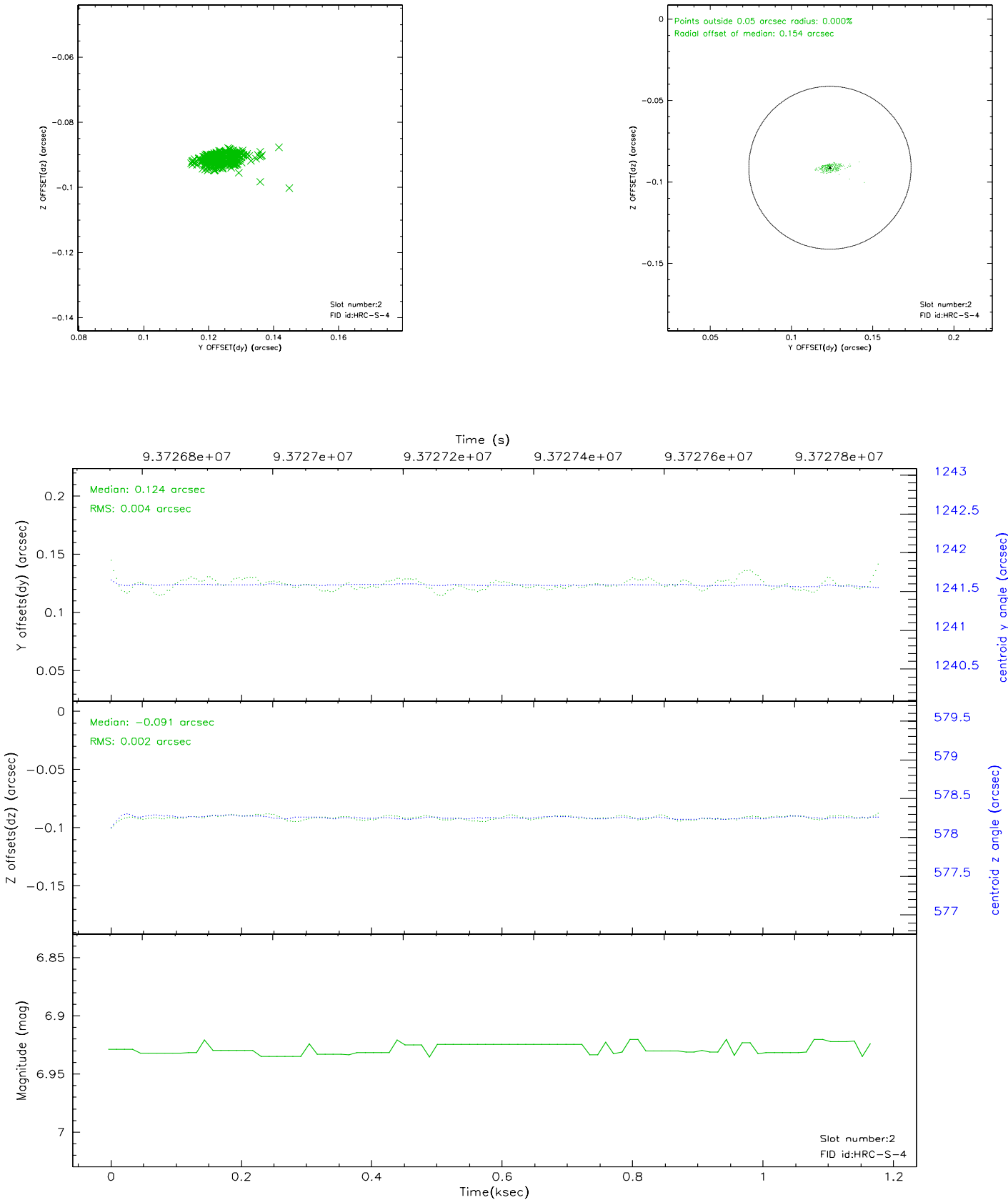
### 2.5.1 Slot 0



2.5.2 Slot 1

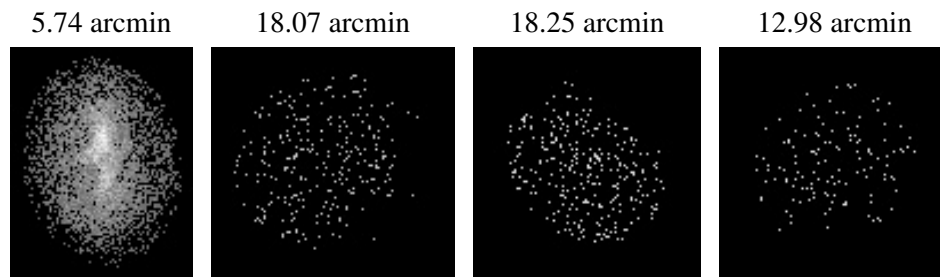


2.5.3 Slot 2





### 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	1.173

## A.2 Comments

Charge time for this ObsId remains at previous value of 1.173 ks, although with the current processing the charge time would have been 1.14 ksec.