

# V&V Reference Report

## L2 ASCDS Version : 7.6.10

Observation 2383 - L2 Version 001  
Chandra X-Ray Center

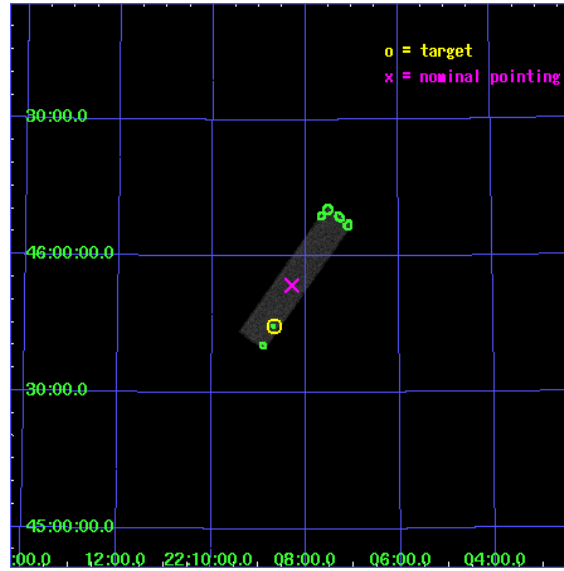
L2 Processing Date : Jun 21 2007

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# 1 Front

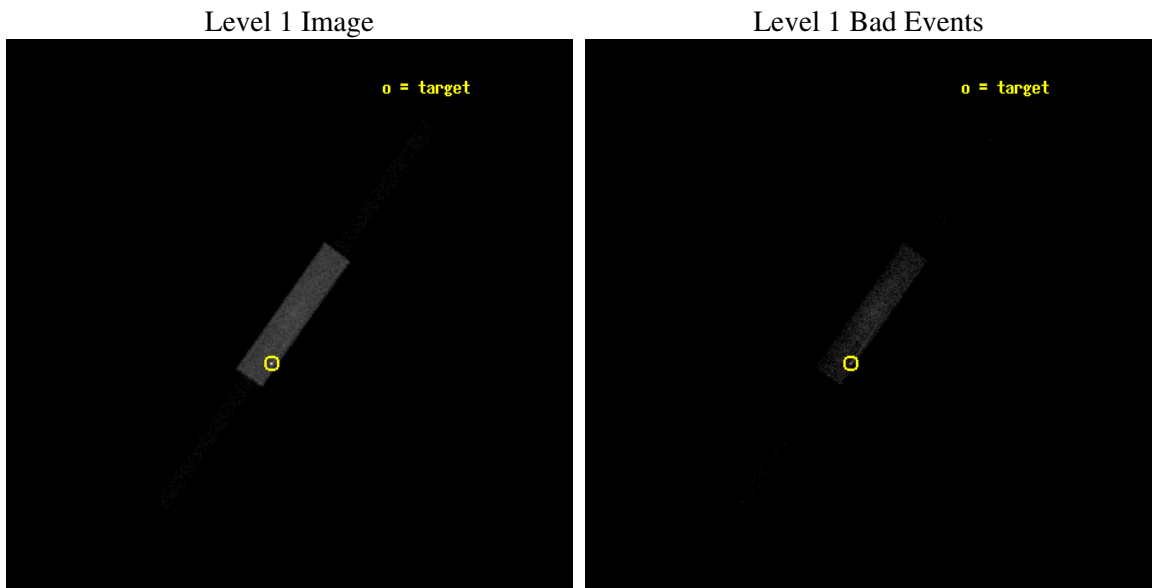
seq_num	290129
obs_id	2383
title	HRC-I CALIBRATION OBSERVATIONS OF ARLAC
observer	Dr. CXC Calibration
object	ARLAC,HRC-S,AO2
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.07354728007
dec_nom	45.893489518775
roll_nom	305.42171723467
revision	4
ontime	1142.1062936783
livetime	1136.9012897435
l2events	32442



## 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	2007-06-21T17:12:32
revision	3

sched_exp_time	1000.000000
ontime	1142.1062936783
l1events	59374

### 2.1.3 Events

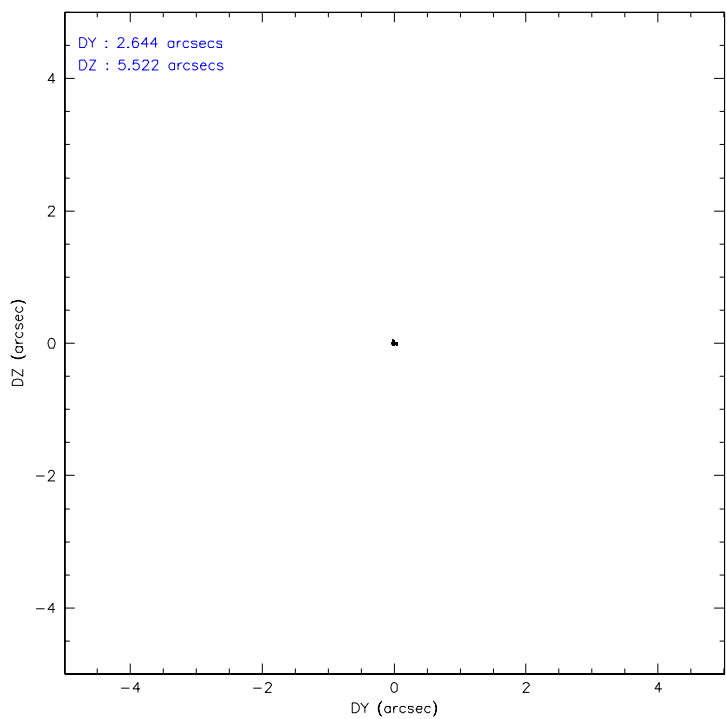
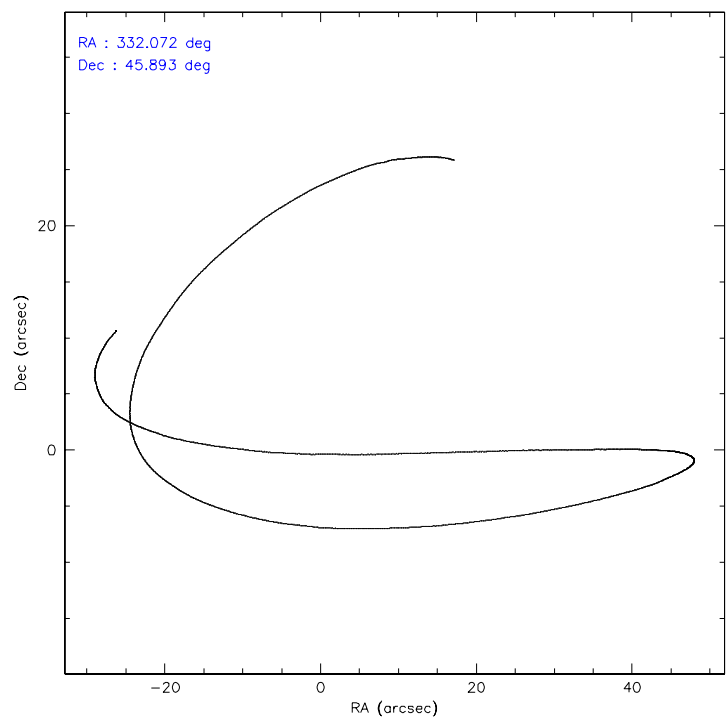
Level 1 Events

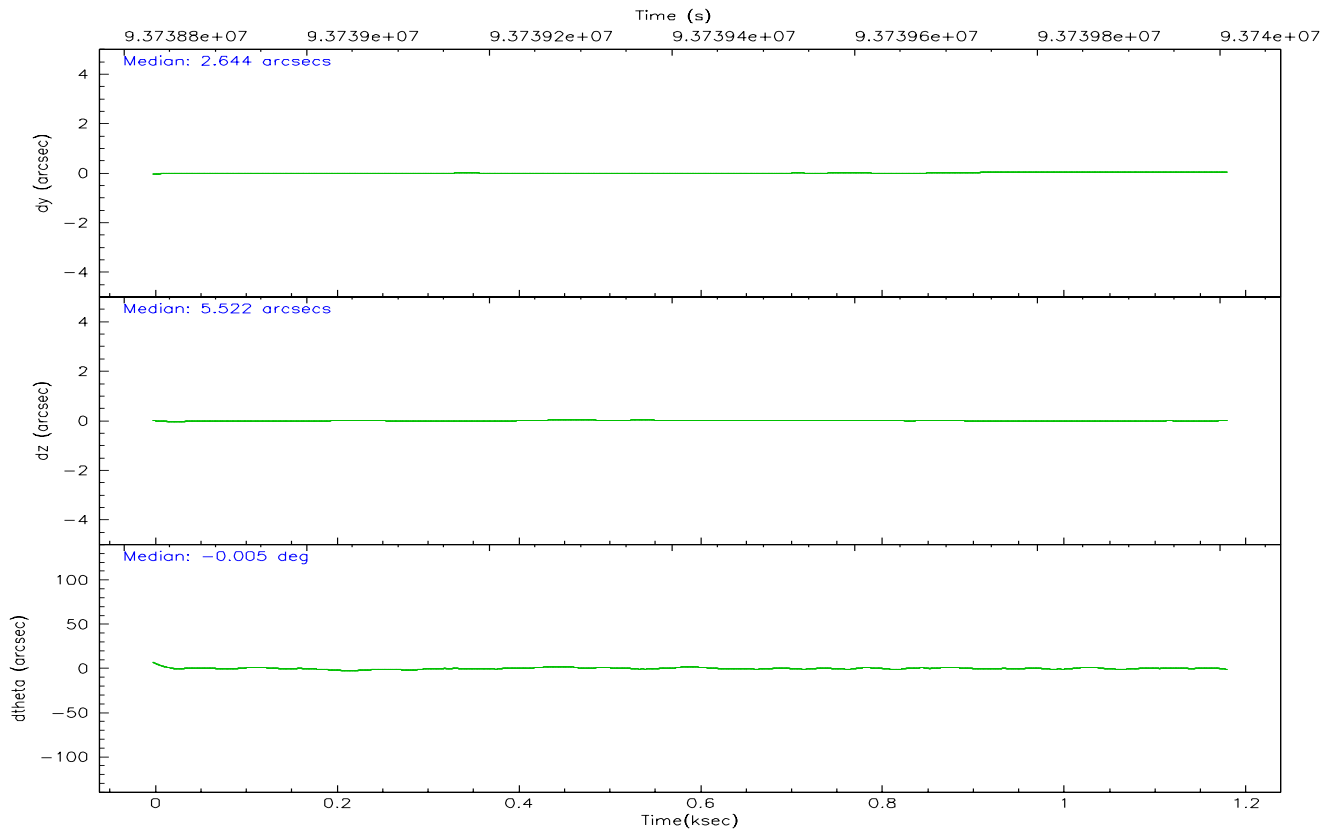
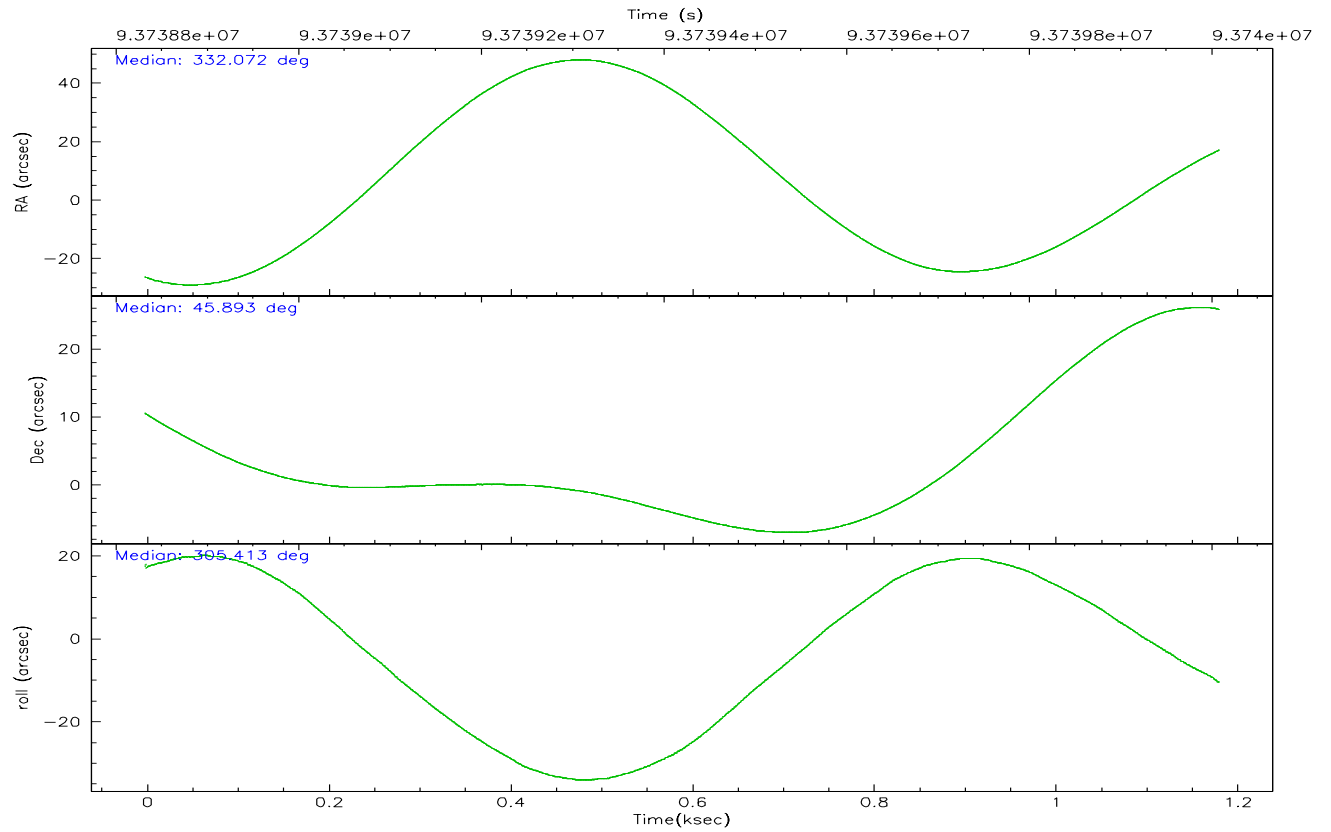
	<b>segment 1</b>	<b>segment 2</b>	<b>segment 3</b>
level 1 events	969	57405	1000
rejected events	969	22421	1000
rejected %	100%	39%	100%

## 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	332.036316	332.0735472800681			
Pointing Dec	45.904256	45.89348951877451			
Pointing Roll	305.381147	305.4217172346697			
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	93739012.184000	93738635.852182			
Observation start date	2000-12-20T22:35:48	2000-12-20T22:30:35			
Observation end time	93740012.184000	93740146.18974			
Observation end date	2000-12-20T22:52:28	2000-12-20T22:55:46			

2.3 Aspect





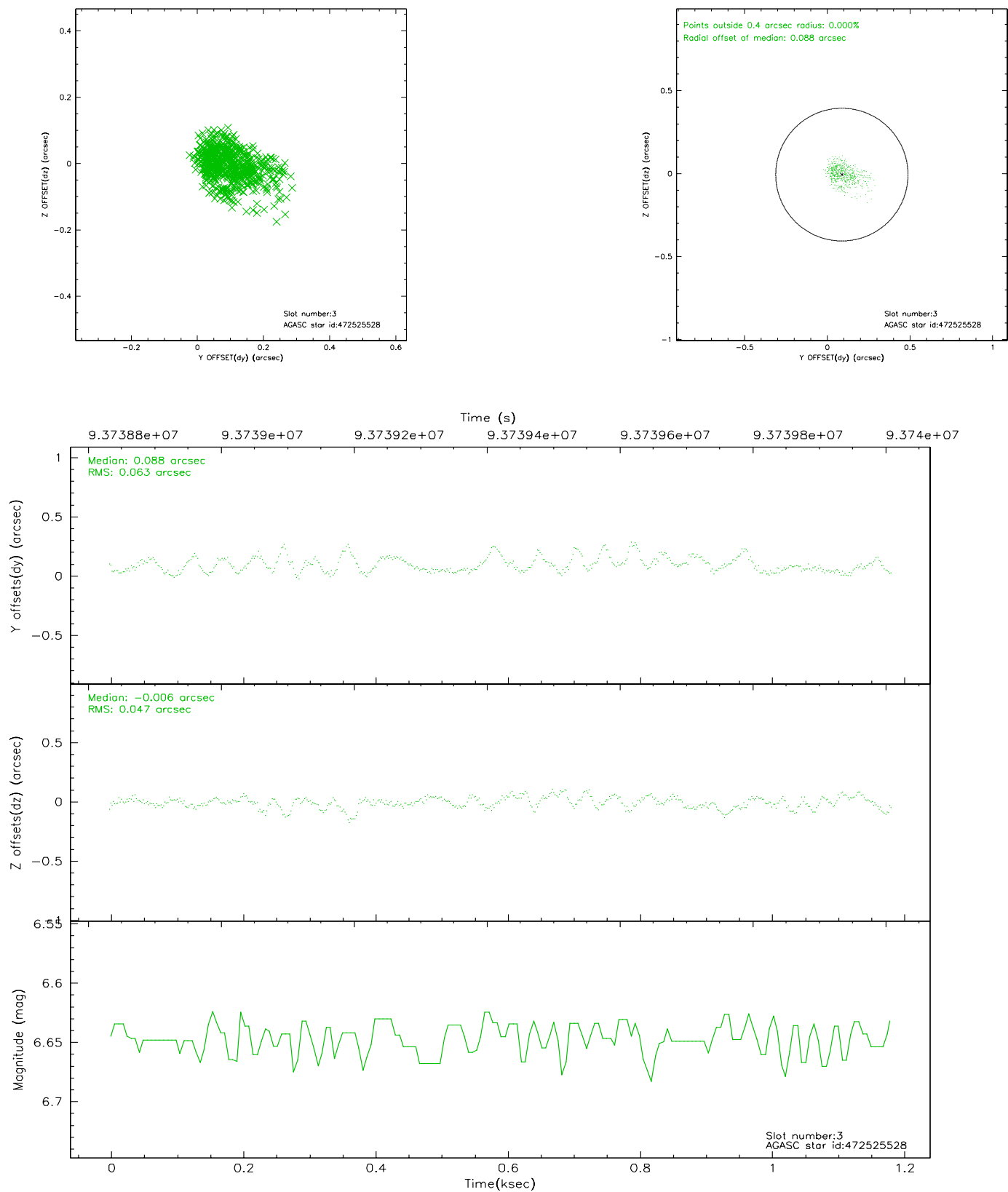
### Slot Statistics

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	289	0.136	-0.105	0.007	0.013	0.000000	0.000000	-1156.67	-454.03
1	FID	HRC-S-2	6.97	289	0.125	-0.158	0.009	0.014	0.000000	0.000000	1238.99	-448.25
2	FID	HRC-S-4	6.92	289	0.142	-0.040	0.008	0.014	0.000000	0.000000	1245.86	576.62
3	GUIDE	472525528	6.65	578	0.088	-0.006	0.077	0.148	331.551102	45.248694	1211.26	-2365.34
4	GUIDE	472535576	7.85	578	-0.097	0.103	0.049	0.081	331.438373	46.291802	-1999.58	-404.52
5	GUIDE	472523760	8.23	578	0.021	-0.123	0.061	0.102	331.645363	45.403260	894.90	-1847.78
6	GUIDE	472665256	9.01	578	-0.098	-0.062	0.084	0.138	332.808125	46.195041	255.24	2177.89
7	GUIDE	472659832	9.46	577	0.081	0.079	0.113	0.186	332.780399	46.098139	501.16	1929.04

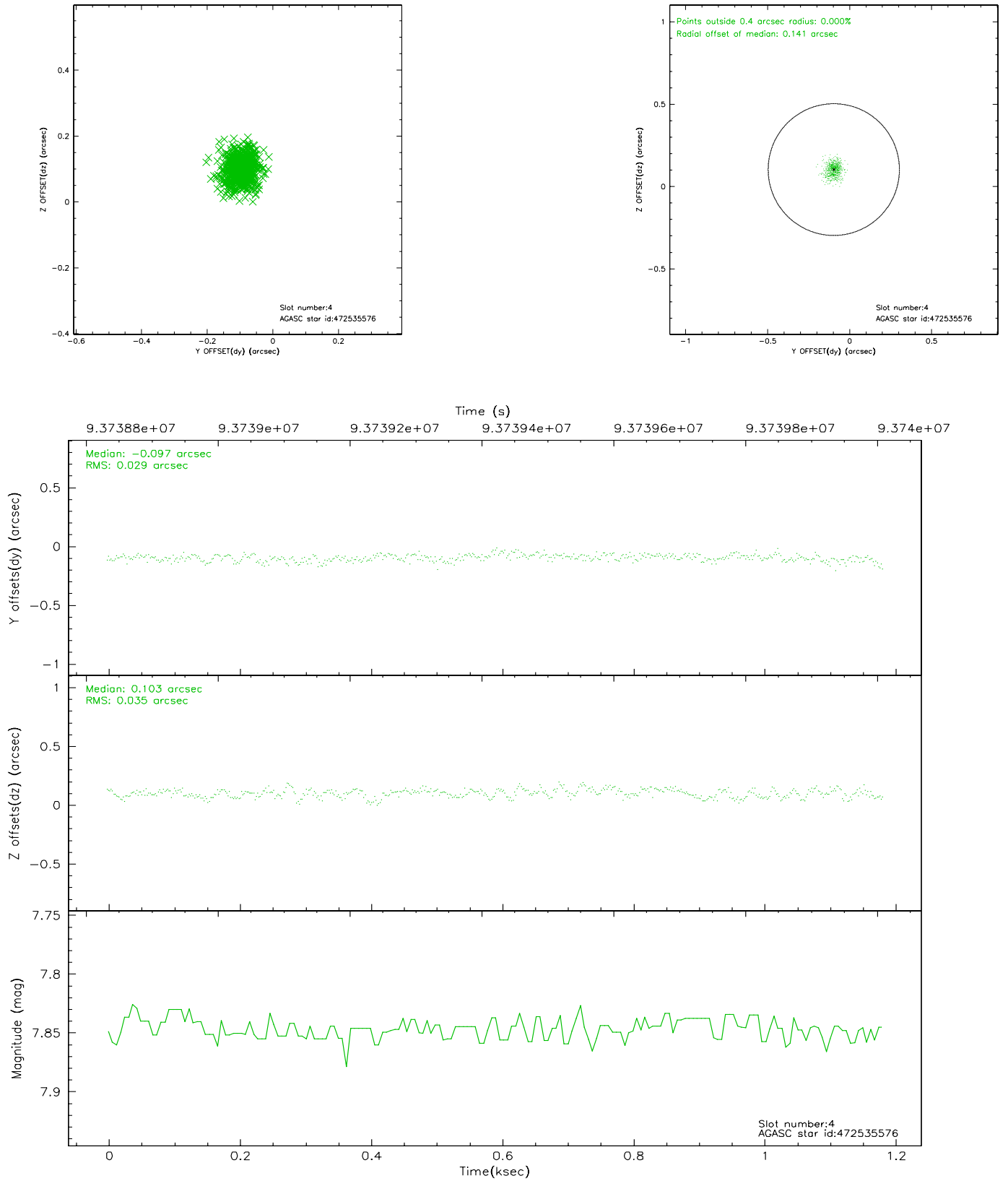


## 2.4 Star Slots

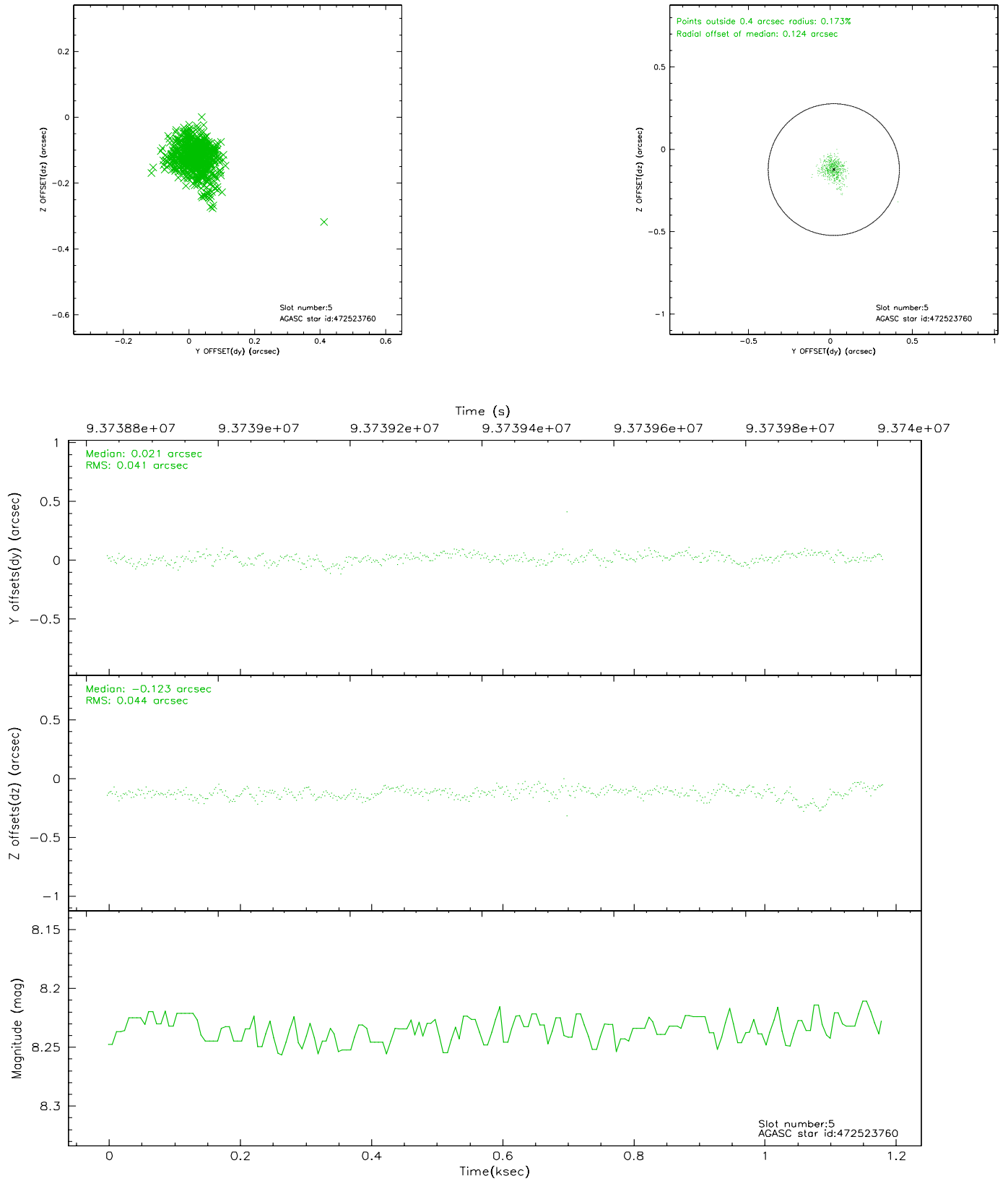
### 2.4.1 Slot 3



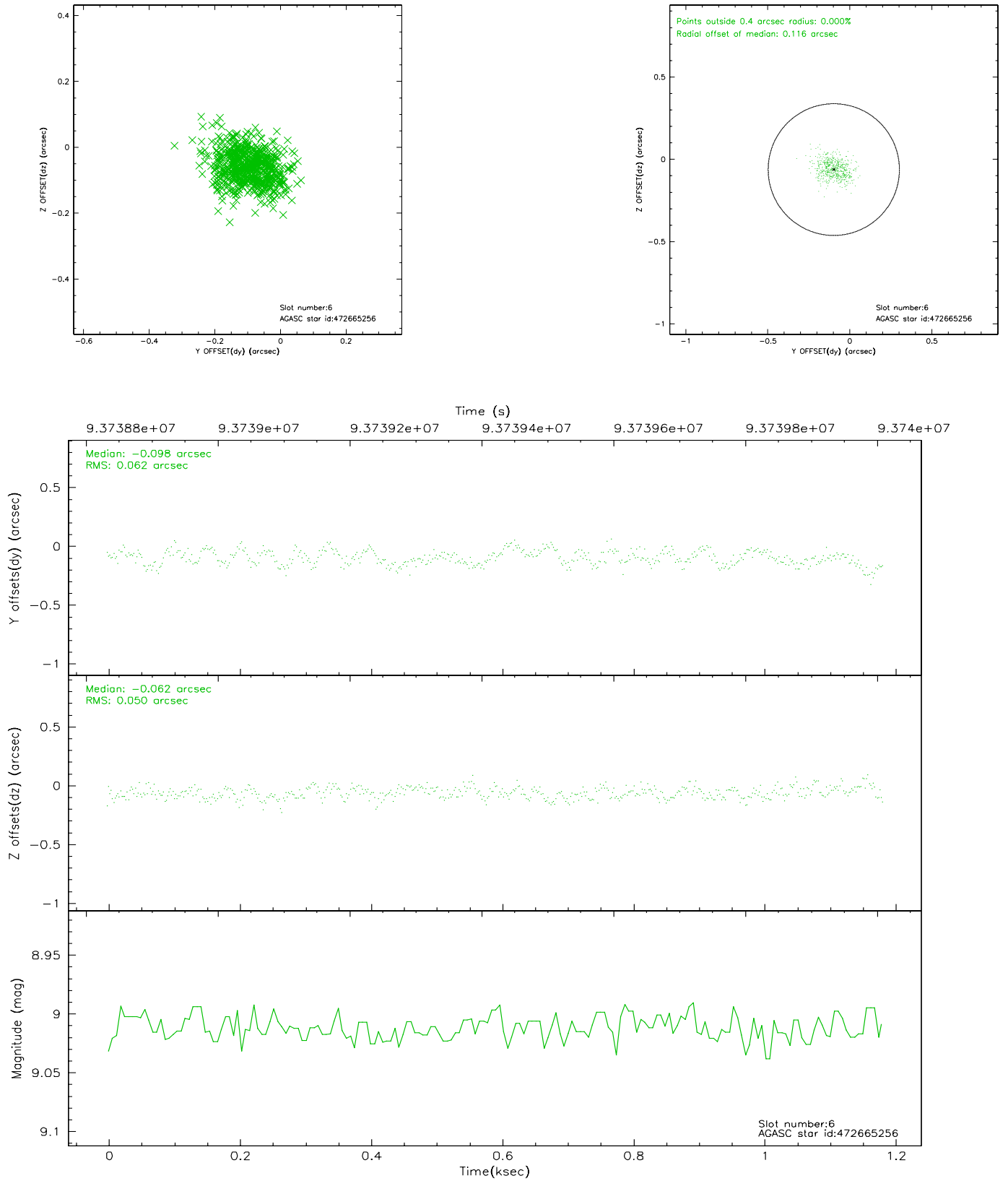
## 2.4.2 Slot 4



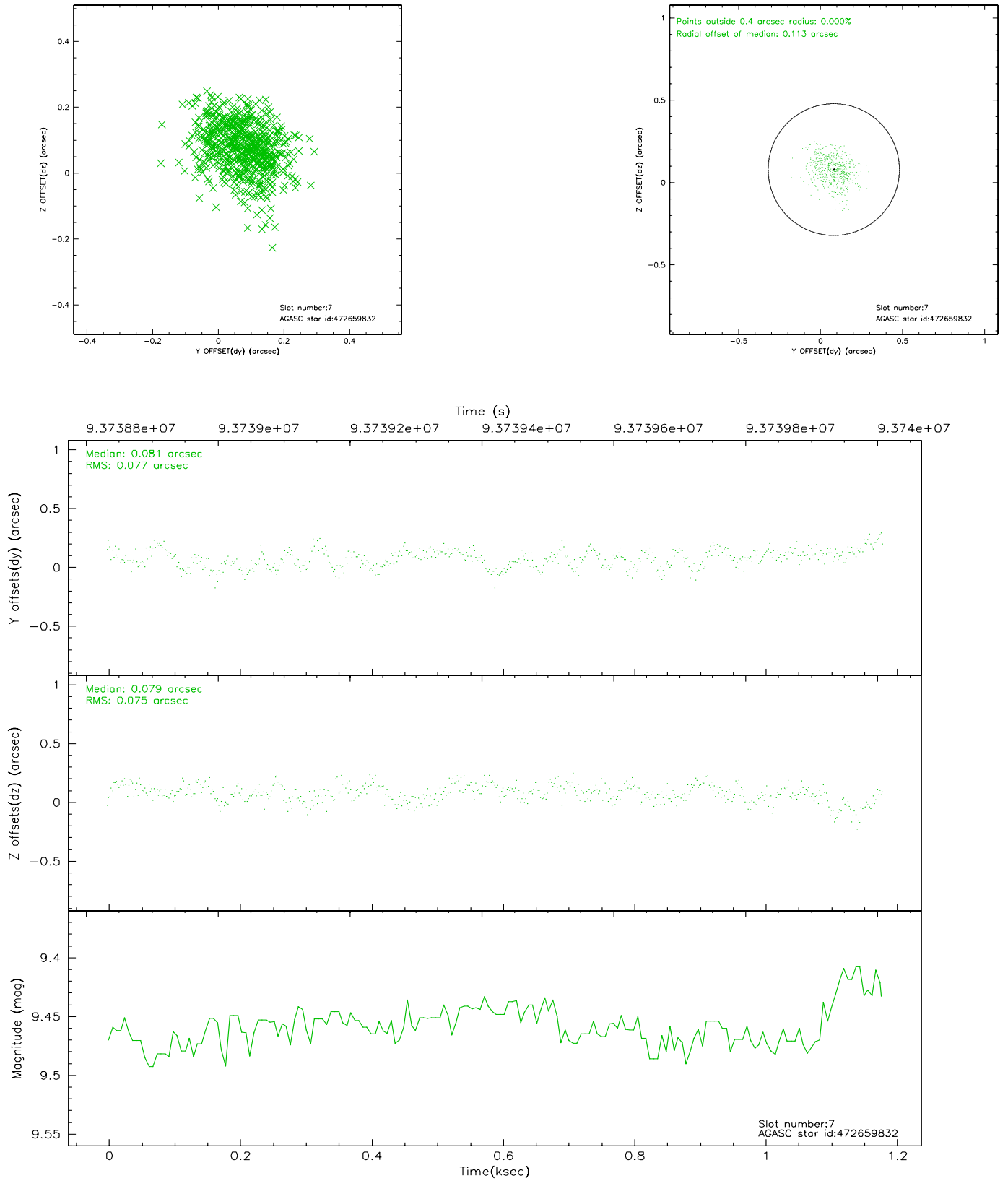
### 2.4.3 Slot 5



## 2.4.4 Slot 6

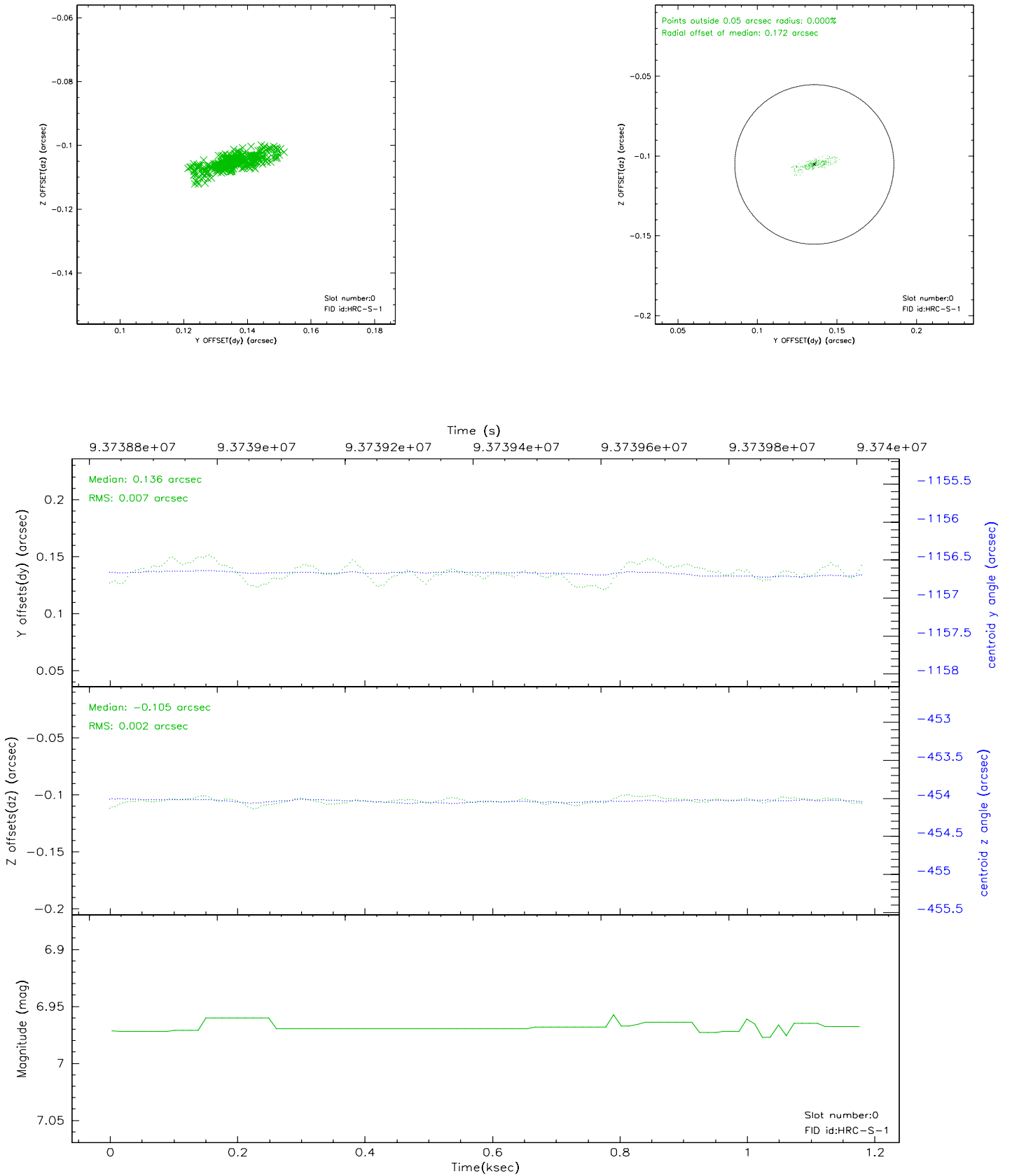


## 2.4.5 Slot 7

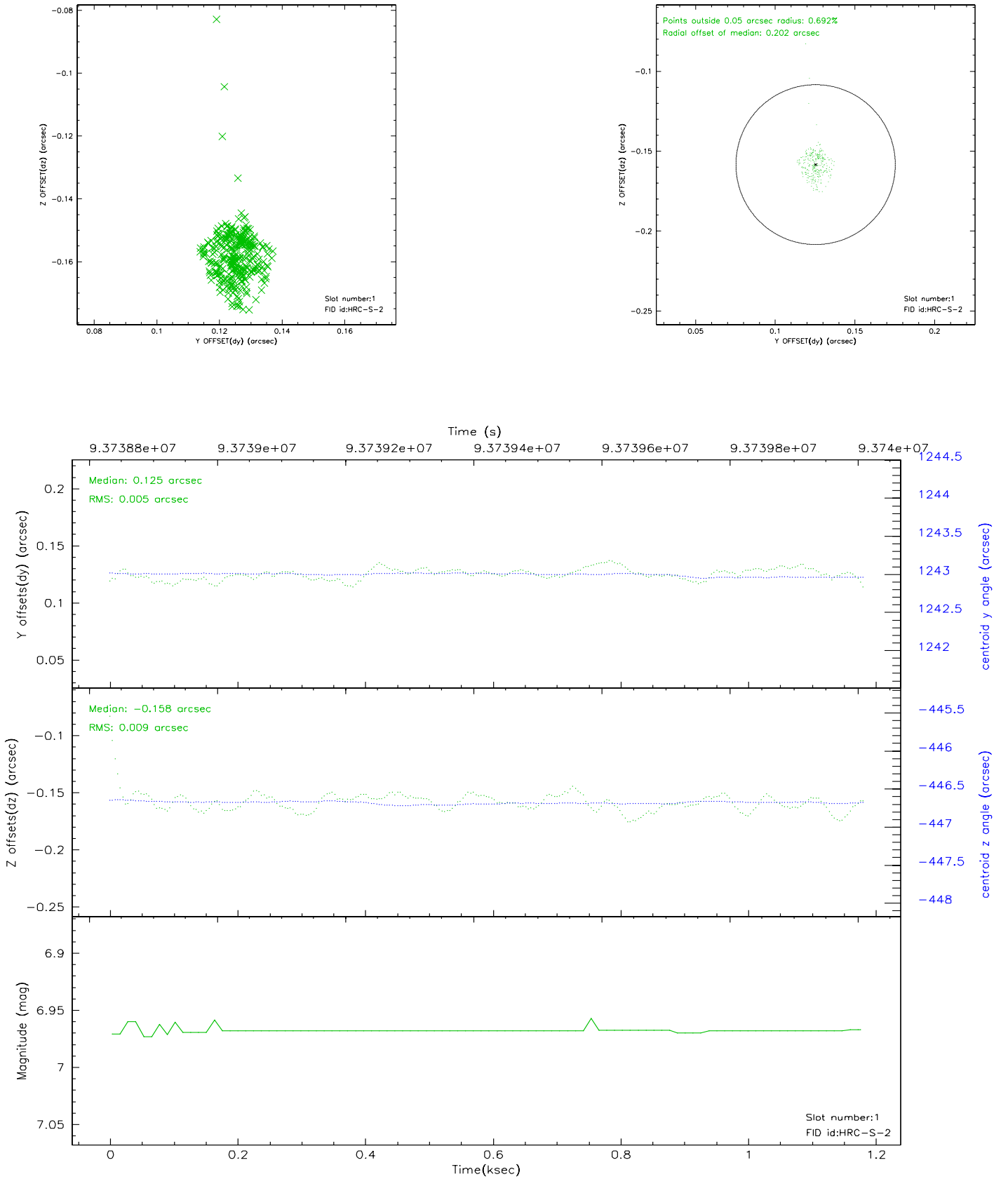


## 2.5 FID Slots

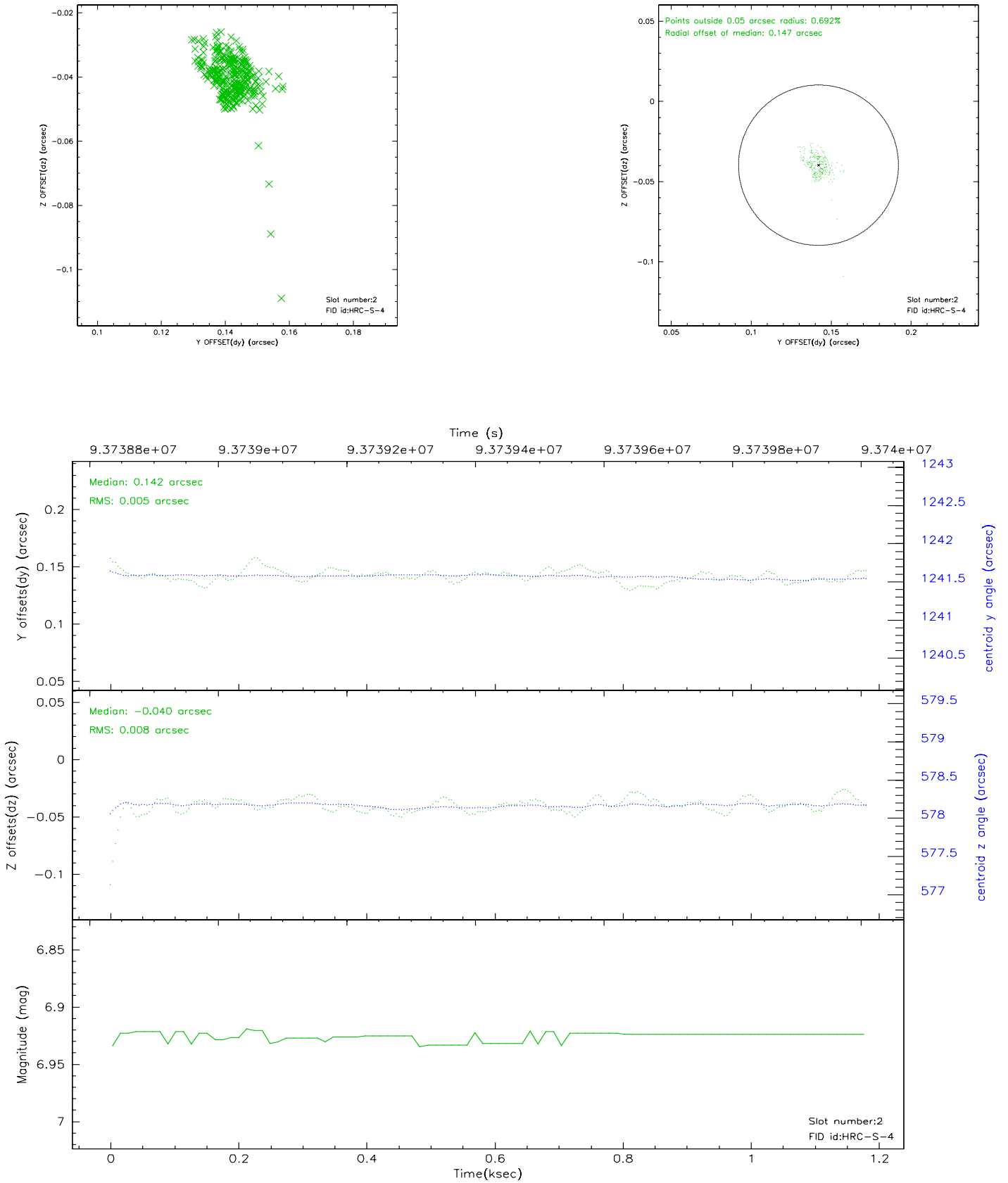
### 2.5.1 Slot 0



## 2.5.2 Slot 1

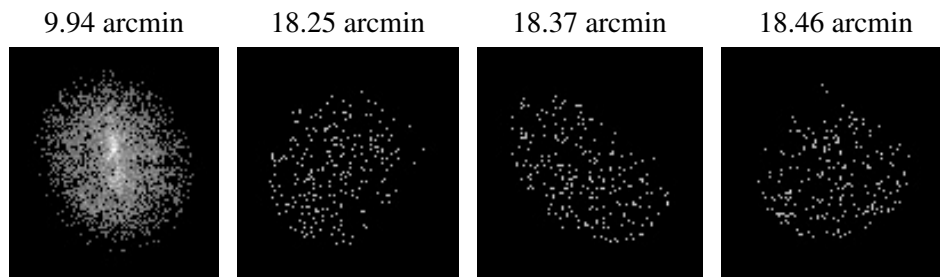


### 2.5.3 Slot 2





### 3 Point Sources



## A Summary

### A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.06.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.182

### A.2 Comments

Charge time for this ObsId remains at previous value of 1.182 ks, although with the current processing the charge time would have been 1.14 ksec.