

# V&V Reference Report

## L2 ASCDS Version : 7.6.7

Observation 6039 - L2 Version 002  
Chandra X-Ray Center

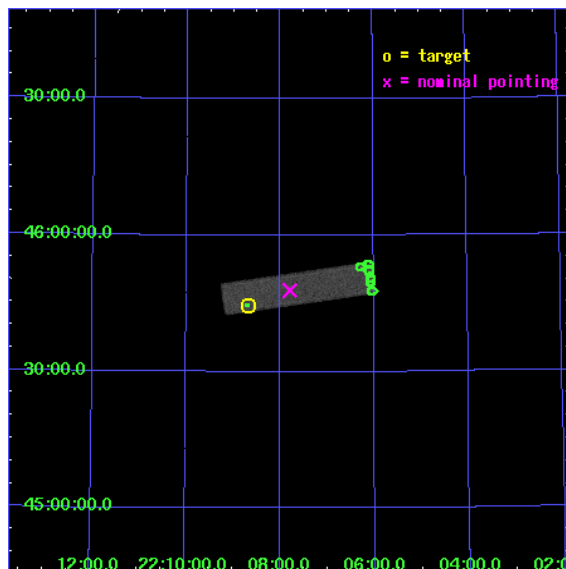
L2 Processing Date: Feb 22 2006

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# 1 Front

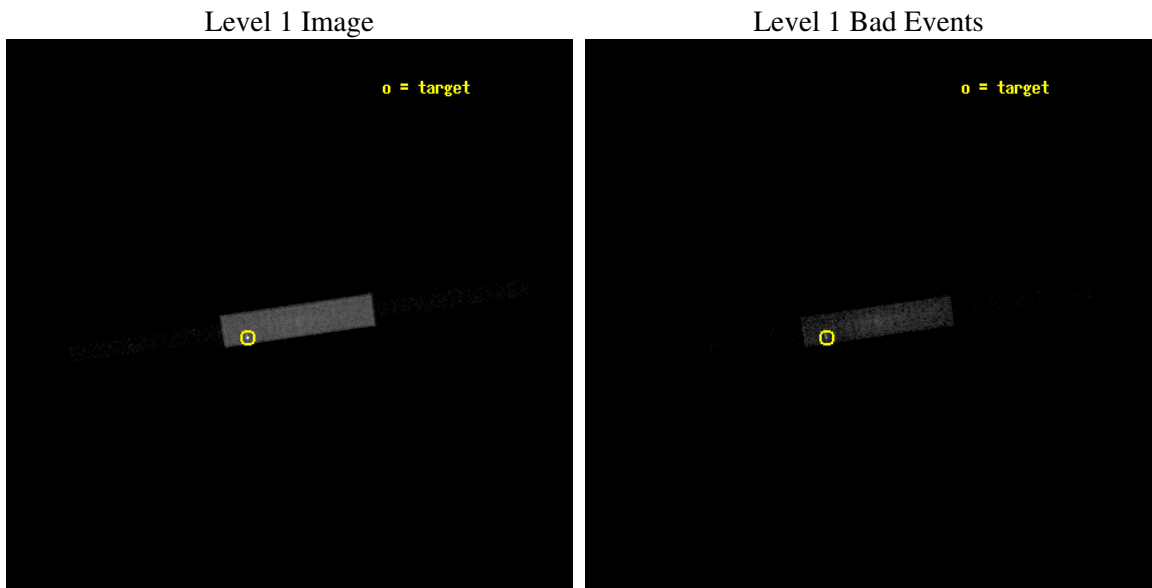
seq_num	290531
obs_id	6039
title	AO6A Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain
observer	Dr. CXC Calibration
object	ArLac
ra_targ	332.17
dec_targ	45.742306
ra_nom	331.94710558312
dec_nom	45.798455267374
roll_nom	351.73169119379
revision	2
ontime	1151.3313020468
livetime	1144.4616255728
l2events	45166



## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



### 2.1.2 Parameters

obi_num	0
ascdsver	7.6.7
caldbver	3.2.1
date	2006-02-22T23:05:48
revision	2

sched_exp_time	1000.000000
ontime	1180.0313033462
l1events	77653

### 2.1.3 Events

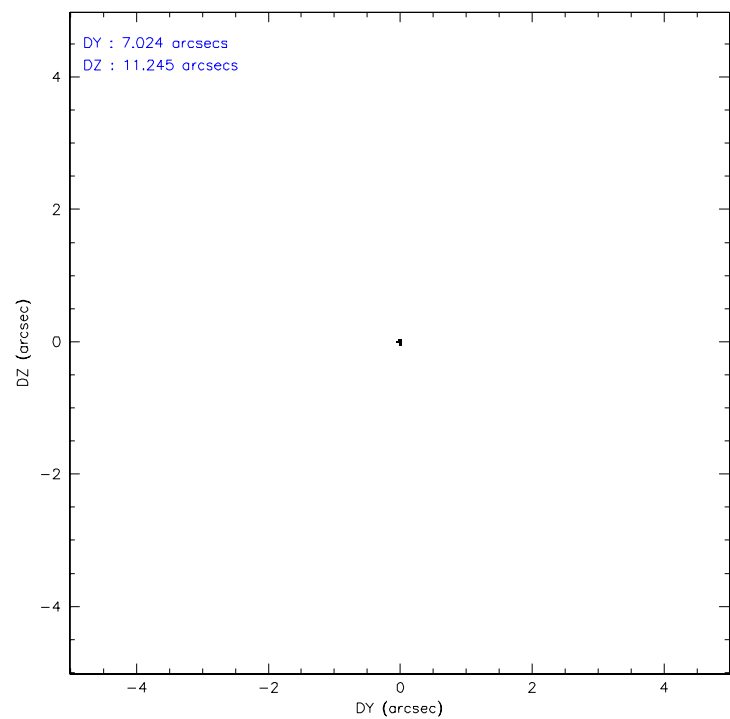
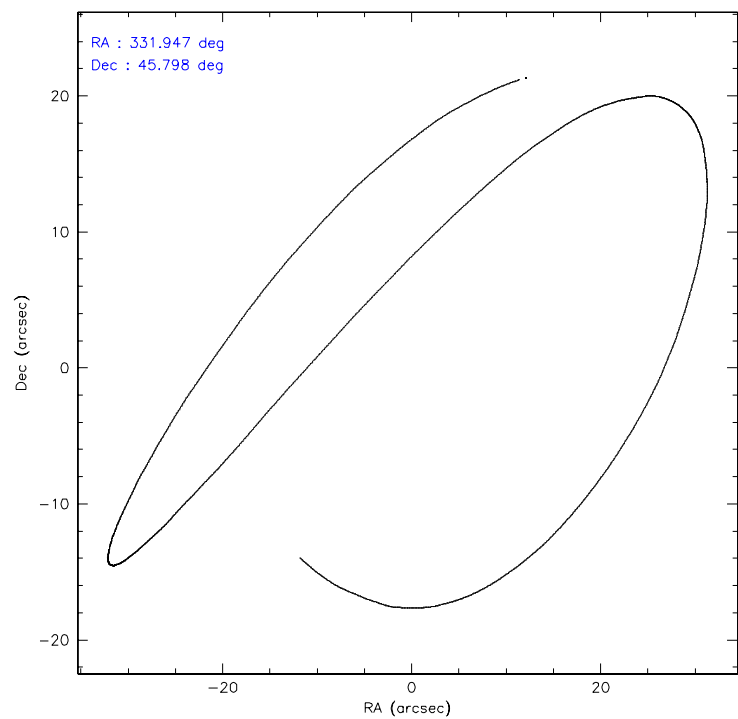
Level 1 Events

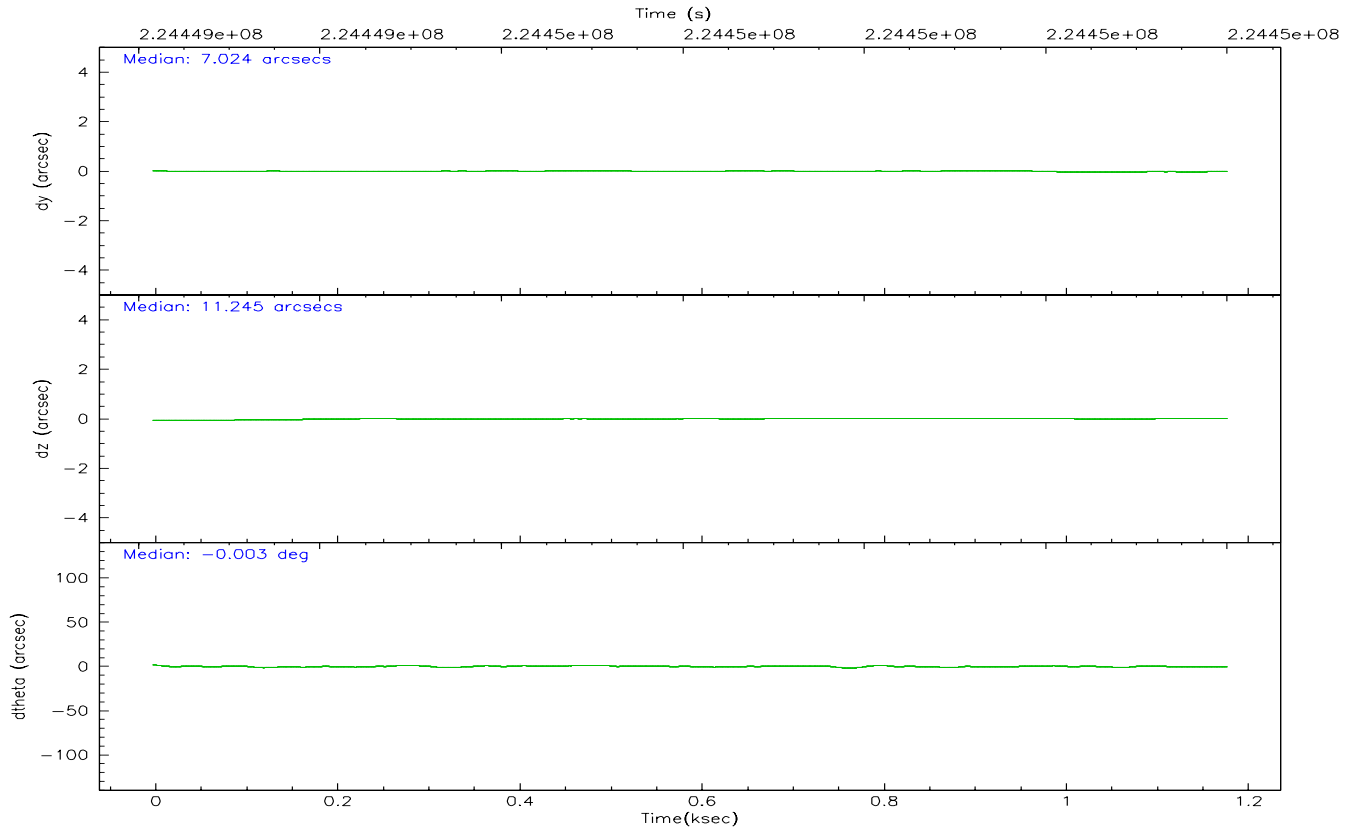
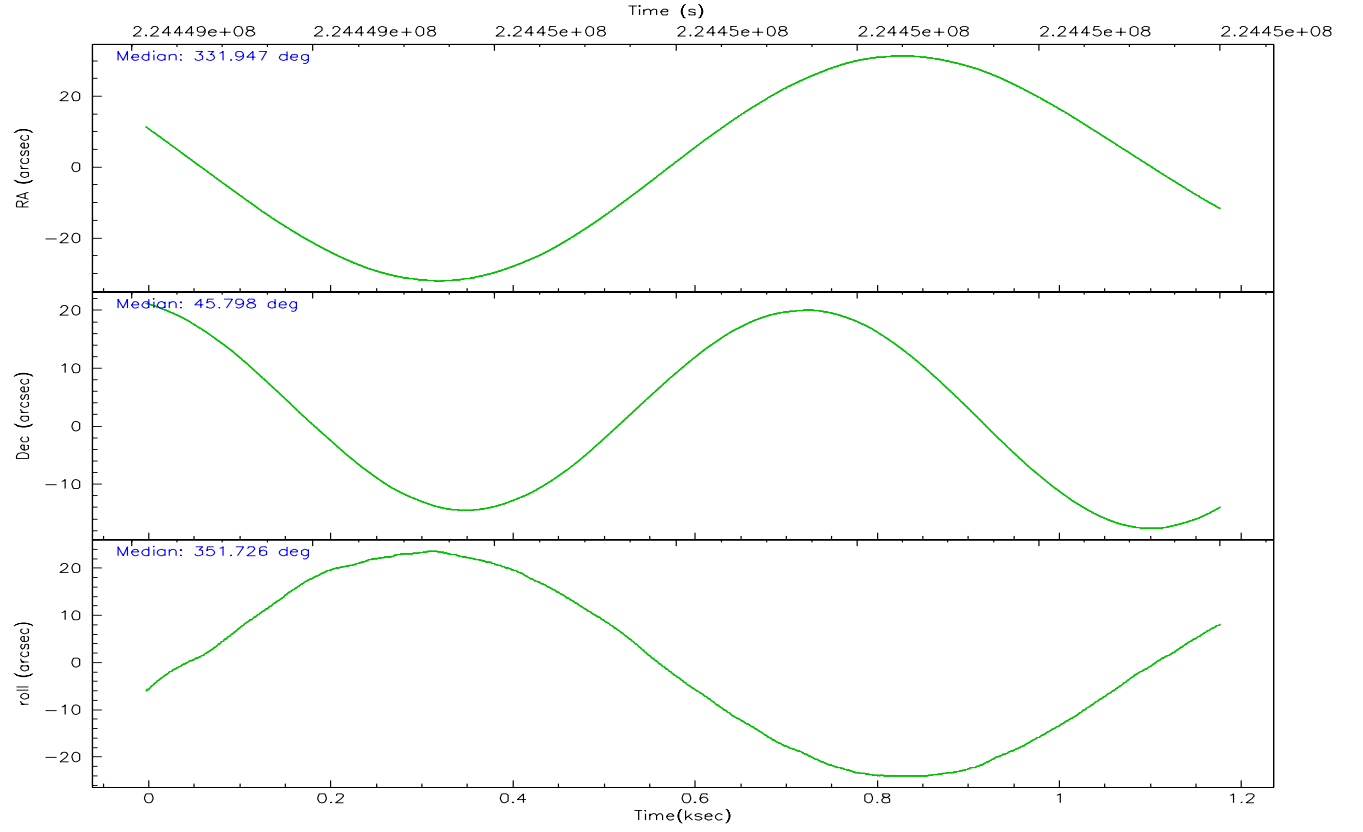
	<b>segment 1</b>	<b>segment 2</b>	<b>segment 3</b>
level 1 events	624	76442	587
rejected events	624	27965	587
rejected %	100%	36%	100%

## 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	331.909932	331.9471055831174			
Pointing Dec	45.786951	45.79845526737353			
Pointing Roll	351.691029	351.7316911937891			
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	224449393.184000	224449016.7586			
Observation start date	2005-02-10T19:02:09	2005-02-10T18:56:56			
Observation end time	224450393.184000	224450526.58367			
Observation end date	2005-02-10T19:18:49	2005-02-10T19:22:06			

2.3 Aspect



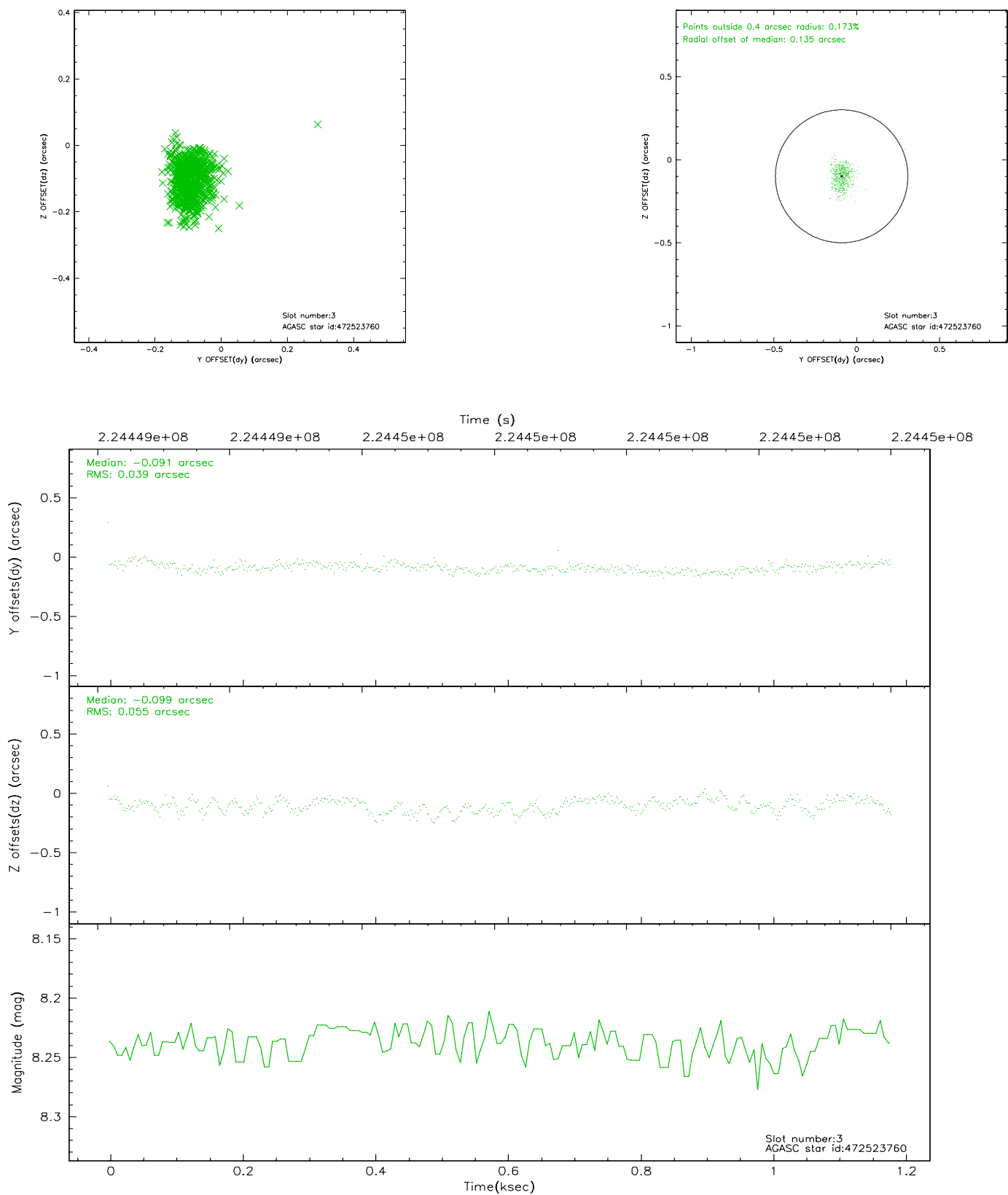


### Slot Statistics

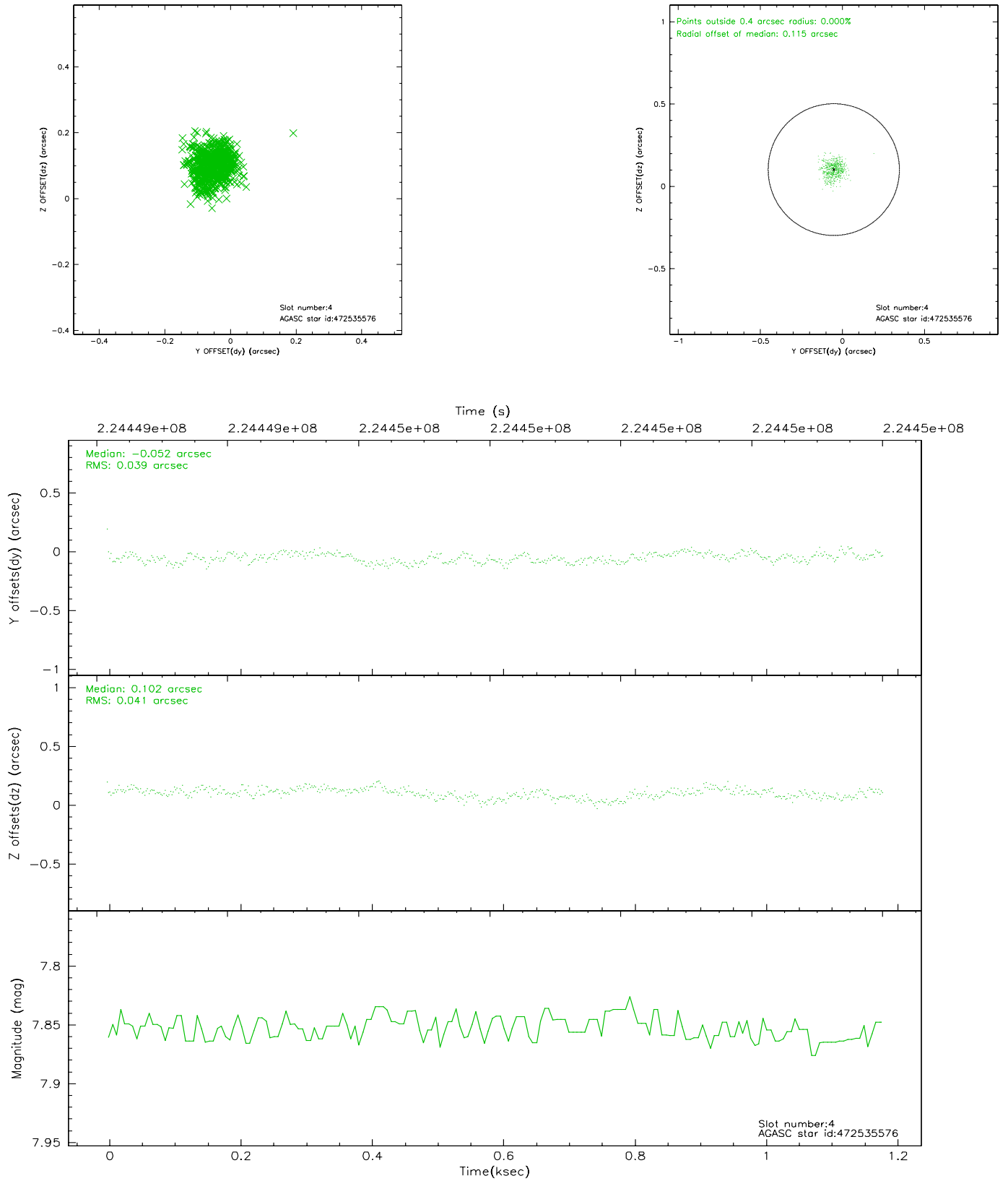
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.02	288	0.114	-0.150	0.006	0.010	0.000000	0.000000	-1161.18	-459.94
1	FID	HRC-S-2	7.01	288	0.185	-0.117	0.004	0.008	0.000000	0.000000	1234.54	-454.16
2	FID	HRC-S-3	7.03	288	0.092	-0.035	0.006	0.012	0.000000	0.000000	-1159.63	568.12
3	GUIDE	472523760	8.24	577	-0.091	-0.099	0.071	0.114	331.645363	45.403260	-462.14	-1460.90
4	GUIDE	472535576	7.85	577	-0.052	0.102	0.060	0.094	331.438373	46.291802	-1424.81	1631.37
5	GUIDE	472536328	8.14	576	-0.049	-0.005	0.085	0.126	331.496671	46.454831	-1364.72	2237.97
6	GUIDE	472655152	9.43	577	0.242	-0.010	0.112	0.179	332.504239	45.862991	1431.87	497.27
7	GUIDE	472665256	9.02	575	-0.046	0.037	0.074	0.125	332.808125	46.195041	2002.97	1792.37

## 2.4 Star Slots

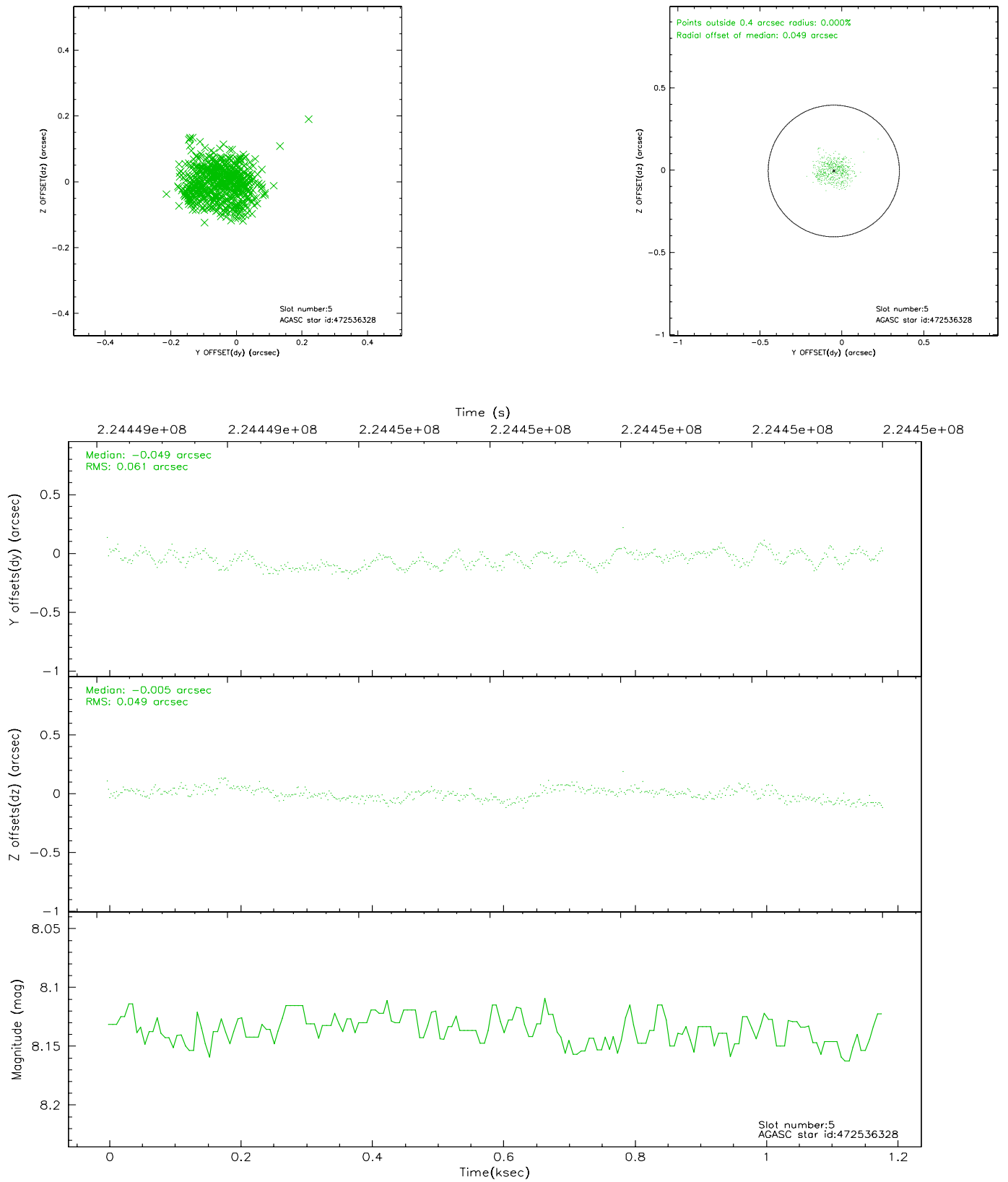
### 2.4.1 Slot 3



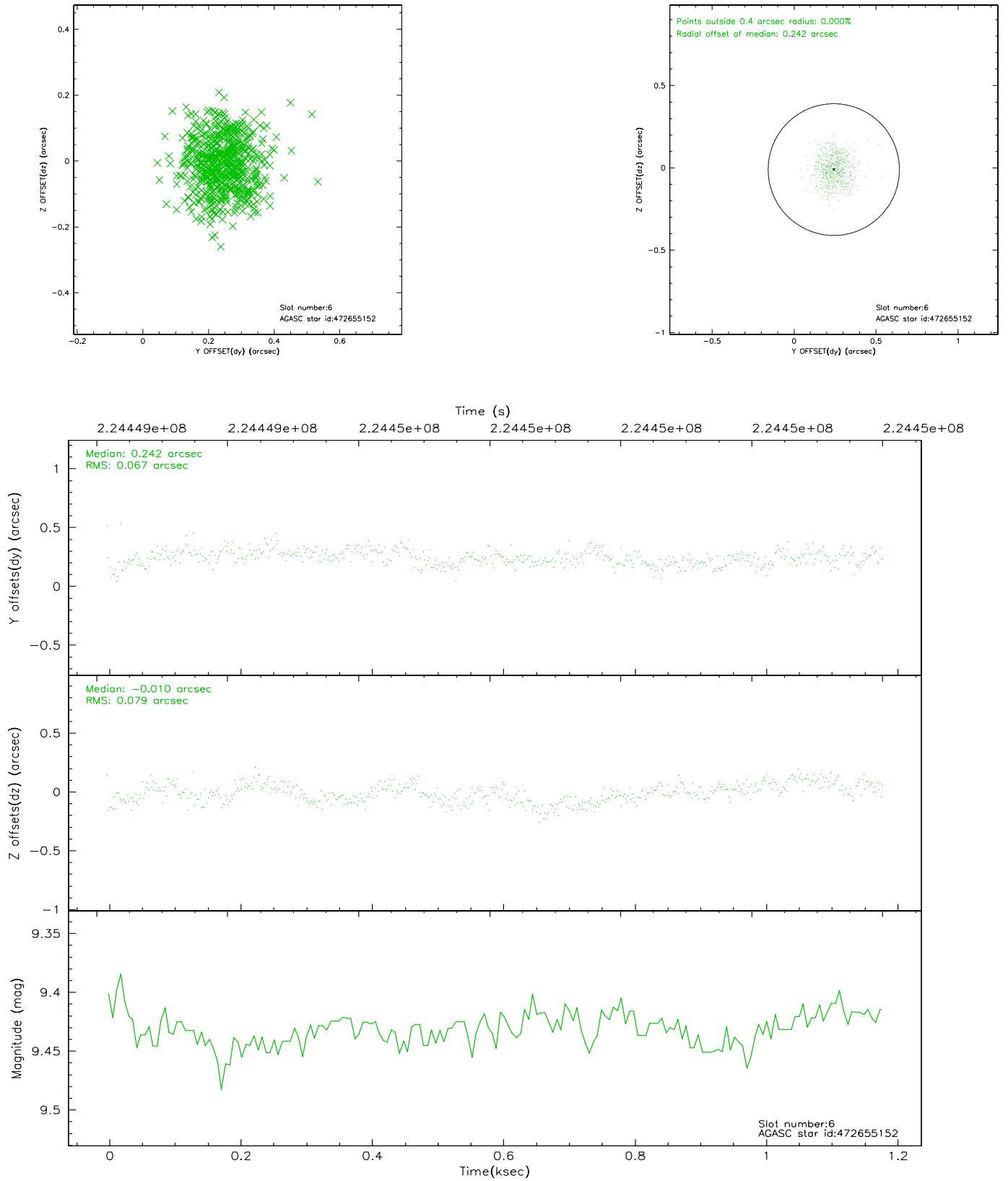
## 2.4.2 Slot 4



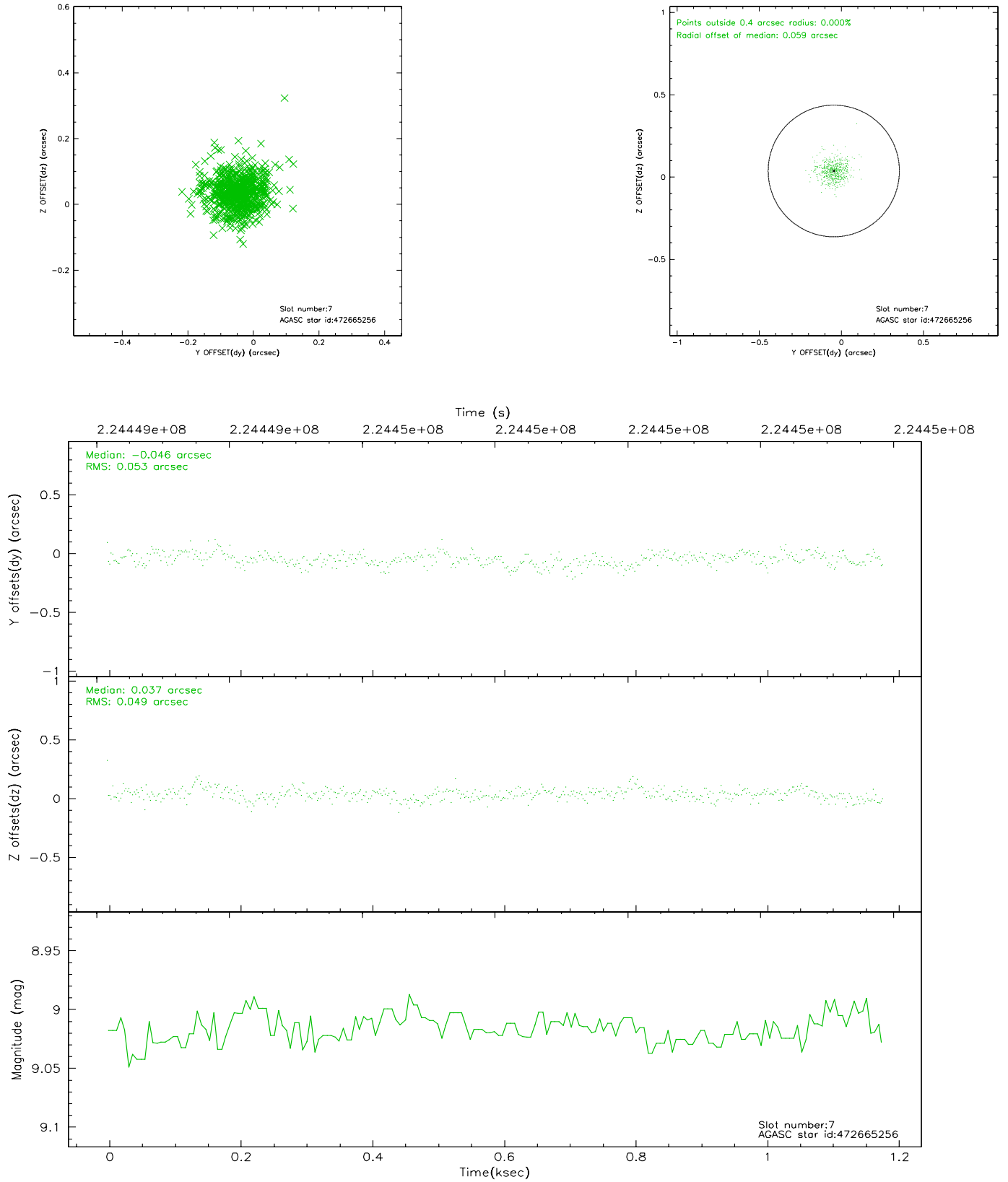
### 2.4.3 Slot 5



## 2.4.4 Slot 6

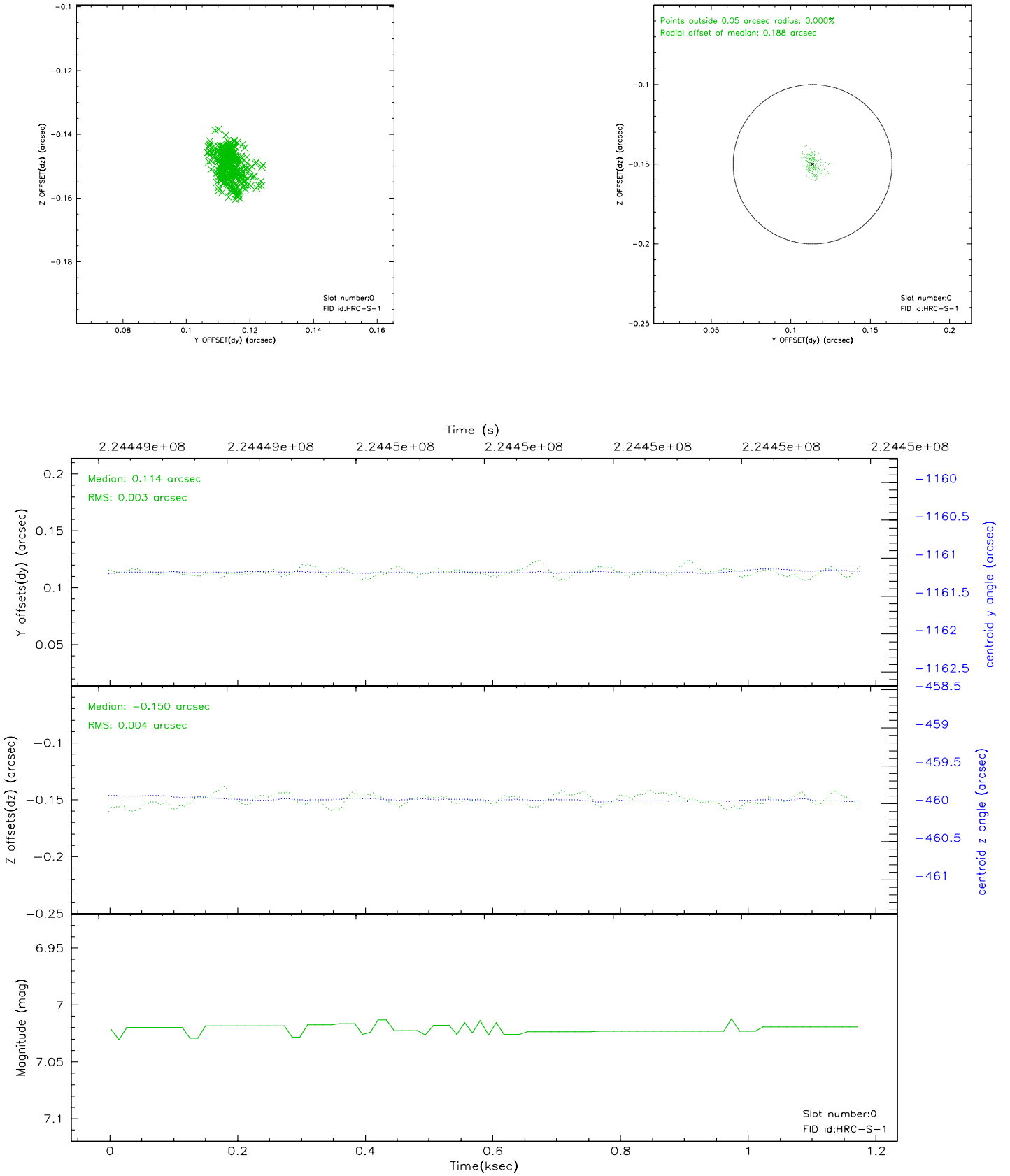


## 2.4.5 Slot 7

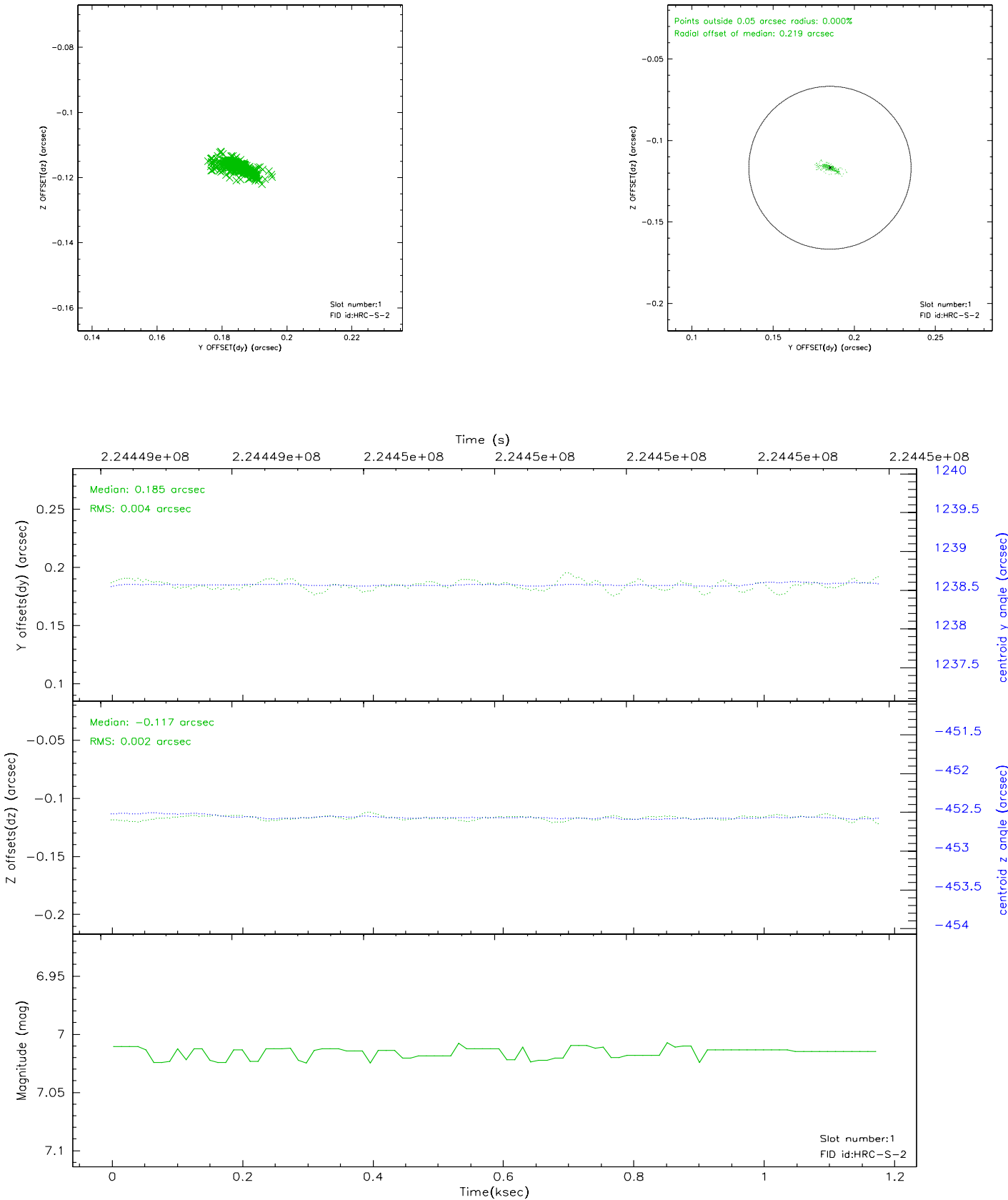


## 2.5 FID Slots

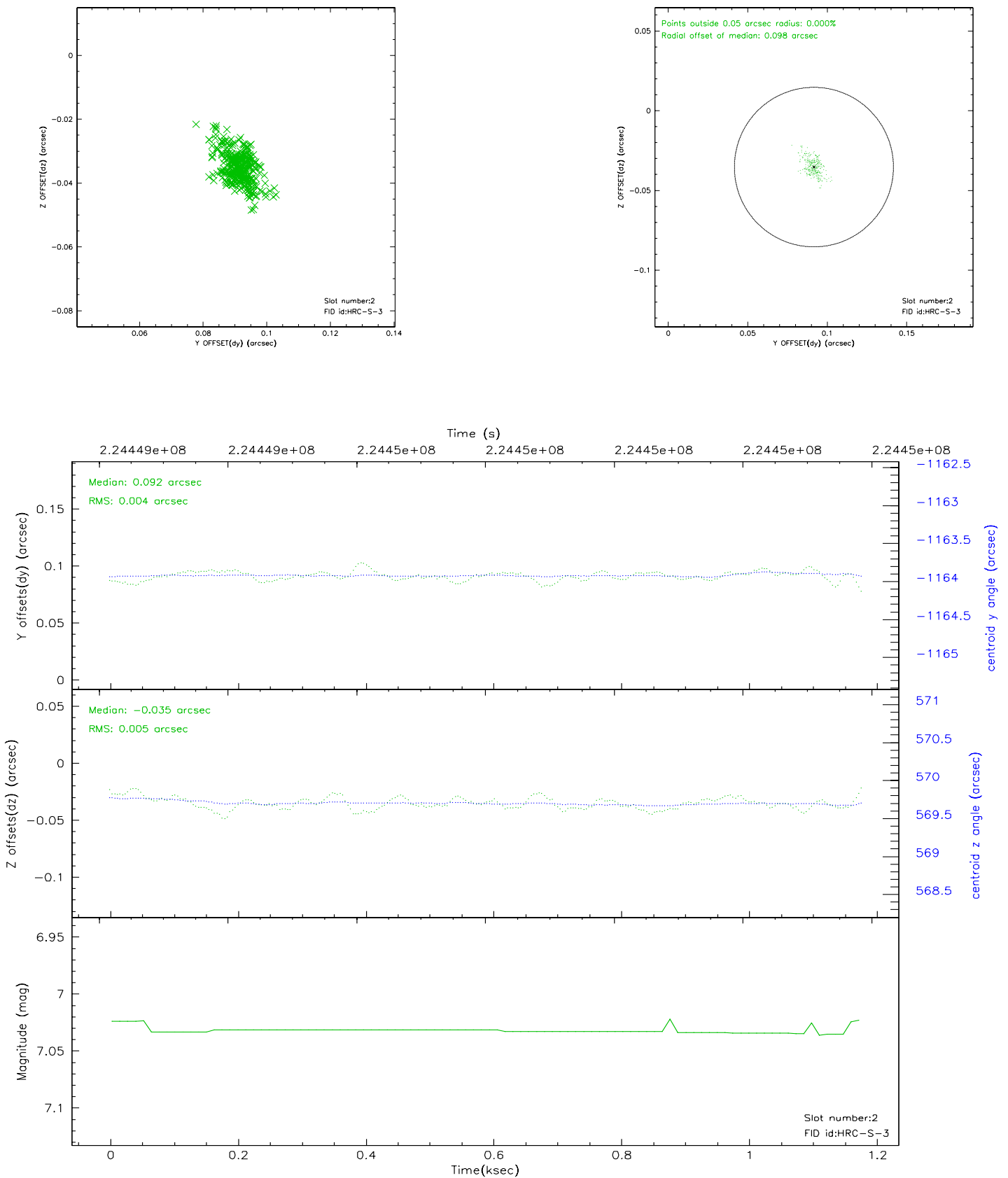
### 2.5.1 Slot 0



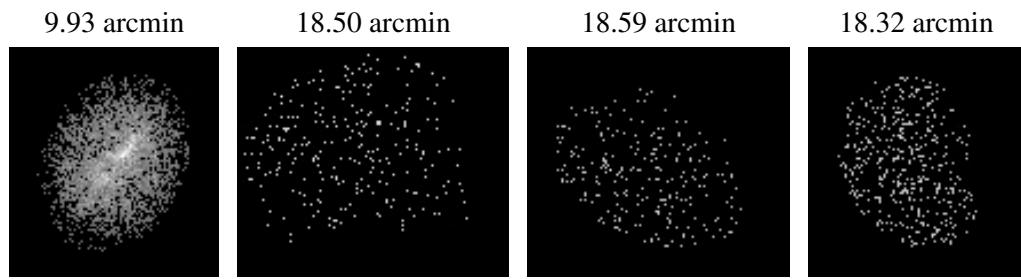
2.5.2 Slot 1



### 2.5.3 Slot 2



### 3 Point Sources



## A Summary

### A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.02.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.151331

### A.2 Comments