

# V&V Reference Report

## L2 ASCDS Version : 7.6.7

Observation 6033 - L2 Version 002  
Chandra X-Ray Center

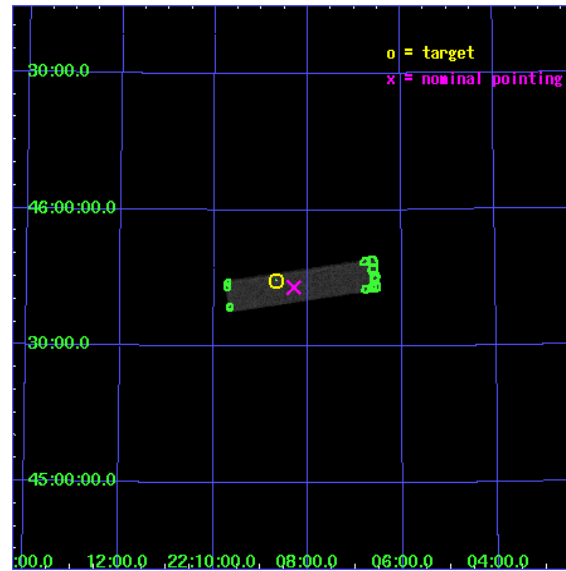
L2 Processing Date: Feb 22 2006

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# 1 Front

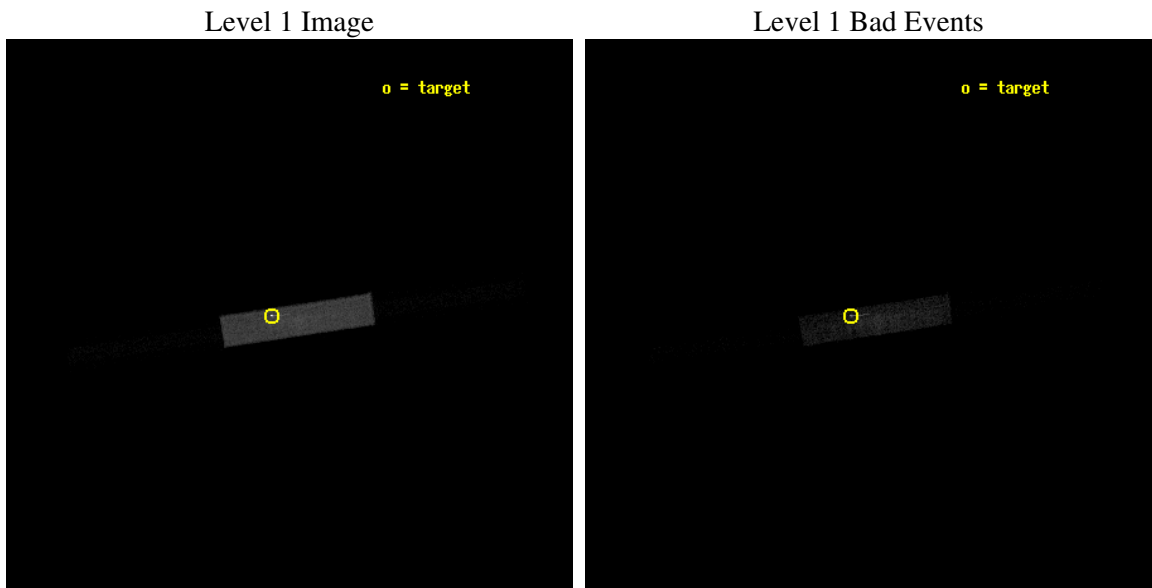
seq_num	290525
obs_id	6033
title	AO6A Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain
observer	Dr. CXC Calibration
object	ArLac
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.07529824284
dec_nom	45.71739623878
roll_nom	351.46760160525
revision	2
ontime	1151.3313021064
livetime	1144.4733888851
l2events	44923



## 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	2006-02-22T22:34:55
revision	2

sched_exp_time	1000.000000
ontime	1180.0313034058
l1events	77521

### 2.1.3 Events

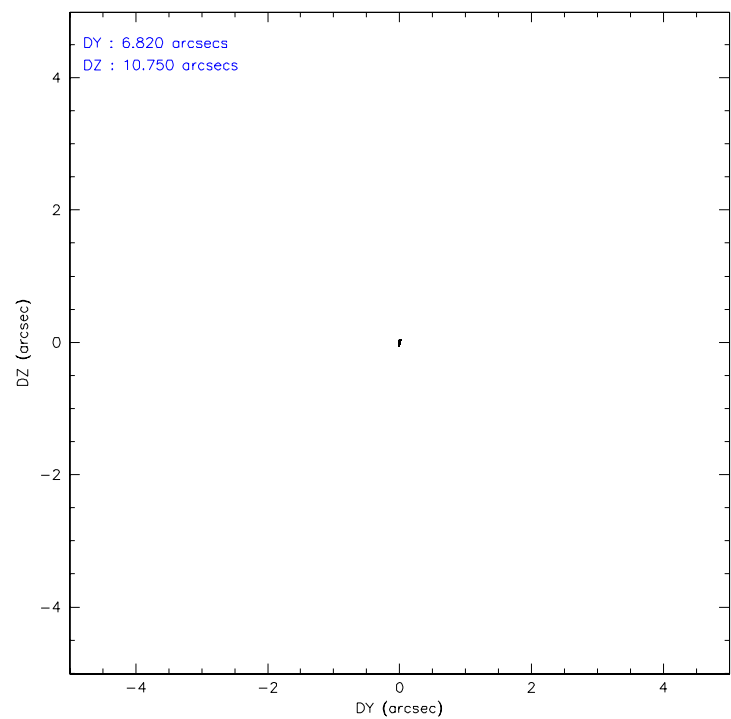
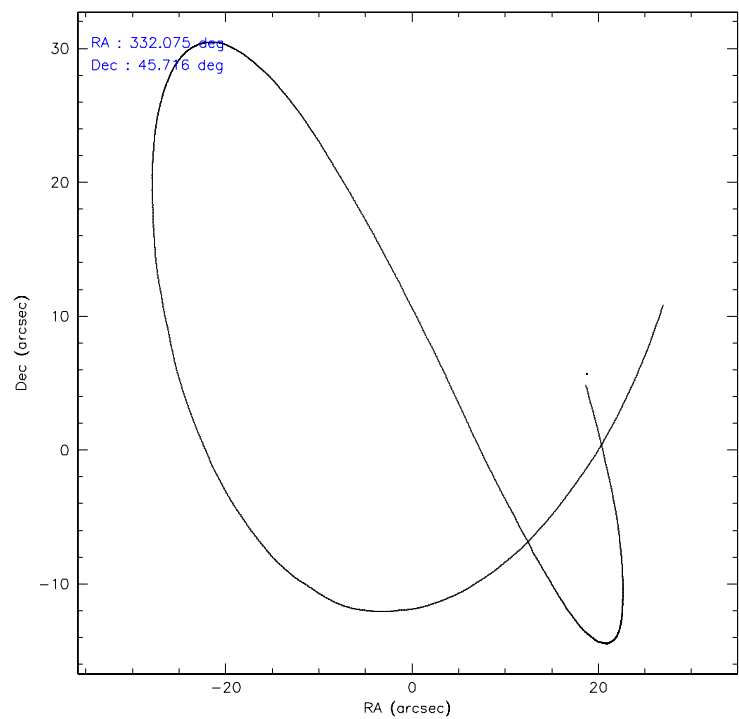
Level 1 Events

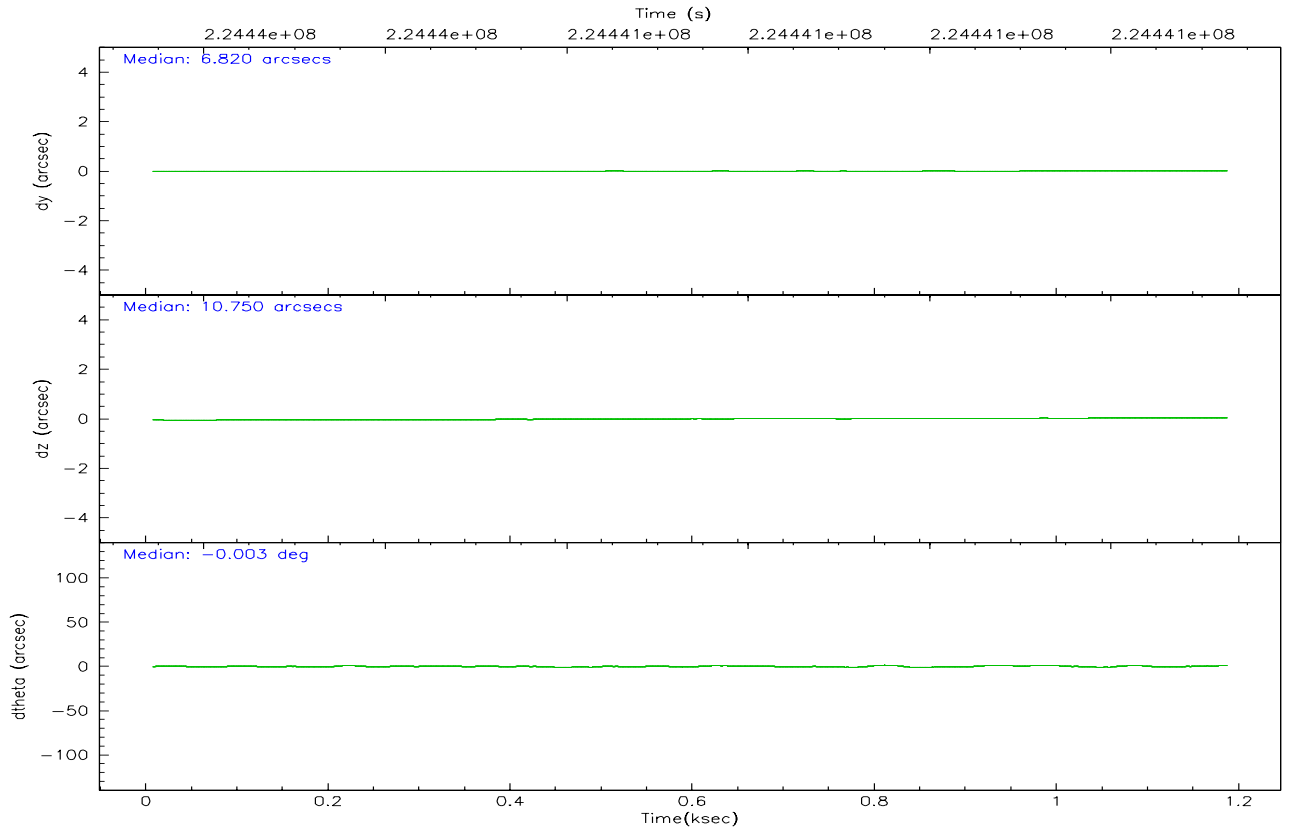
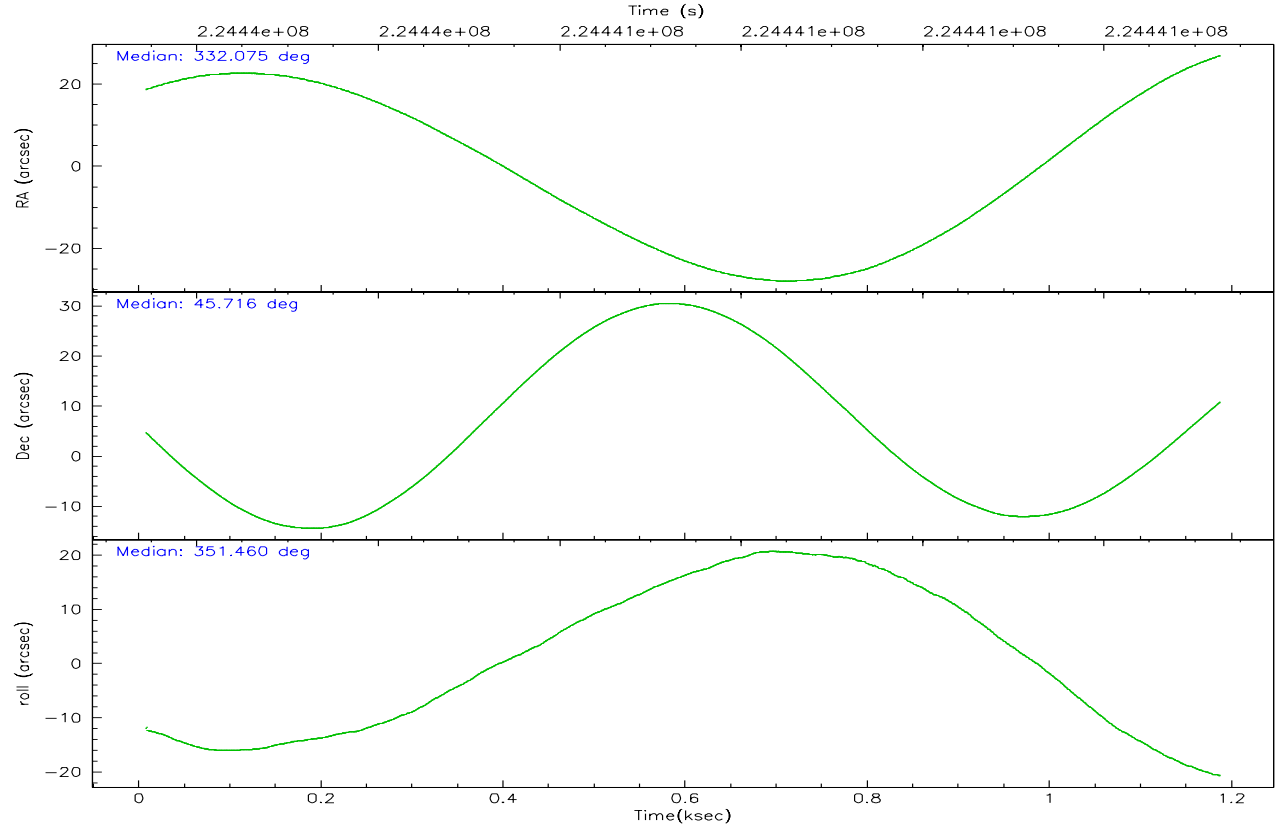
	<b>segment 1</b>	<b>segment 2</b>	<b>segment 3</b>
level 1 events	702	76090	729
rejected events	702	27848	727
rejected %	100%	36%	99%

## 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	332.037687	332.0752982428421			
Pointing Dec	45.706754	45.71739623878038			
Pointing Roll	351.427192	351.4676016052541			
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	224440333.184000	224439956.78319			
Observation start date	2005-02-10T16:31:09	2005-02-10T16:25:56			
Observation end time	224441333.184000	224441466.60826			
Observation end date	2005-02-10T16:47:49	2005-02-10T16:51:06			

2.3 Aspect





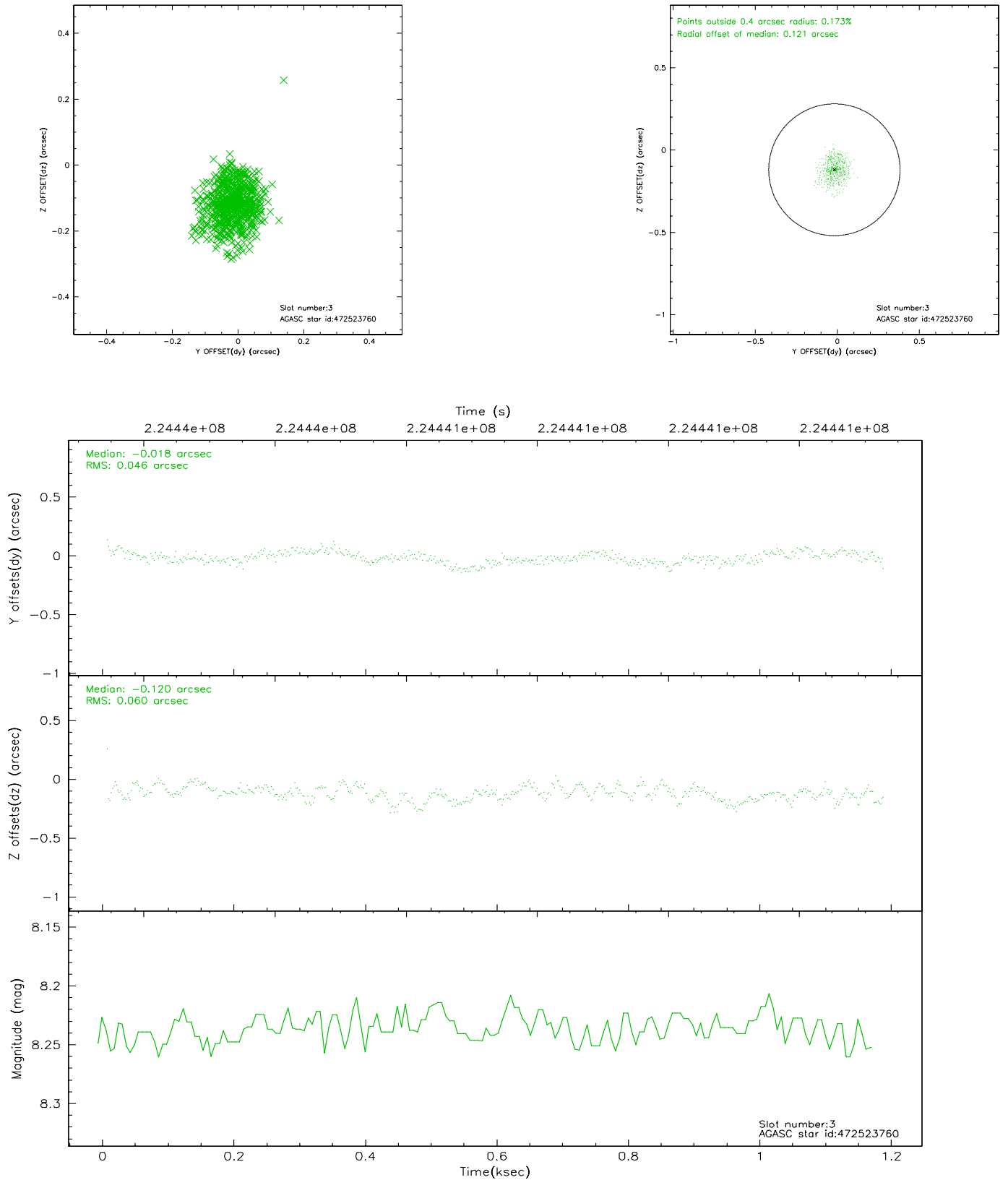
### Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.03	288	0.115	-0.176	0.007	0.011	0.000000	0.000000	-1160.98	-459.45
1	FID	HRC-S-2	7.02	288	0.181	-0.116	0.004	0.008	0.000000	0.000000	1234.74	-453.65
2	FID	HRC-S-3	7.04	288	0.094	-0.011	0.007	0.011	0.000000	0.000000	-1159.42	568.67
3	GUIDE	472523760	8.24	577	-0.018	-0.120	0.081	0.127	331.645363	45.403260	-819.24	-1221.84
4	GUIDE	472527720	6.98	577	-0.003	-0.017	0.069	0.111	331.460205	45.112509	-1135.09	-2326.96
5	GUIDE	472533912	9.17	577	0.083	0.058	0.111	0.173	331.791136	46.368695	-964.48	2266.14
6	GUIDE	472535576	7.86	577	-0.021	0.033	0.062	0.095	331.438373	46.291802	-1792.24	1873.94
7	GUIDE	472665256	9.02	576	-0.044	0.044	0.085	0.143	332.808125	46.195041	1630.40	2041.34

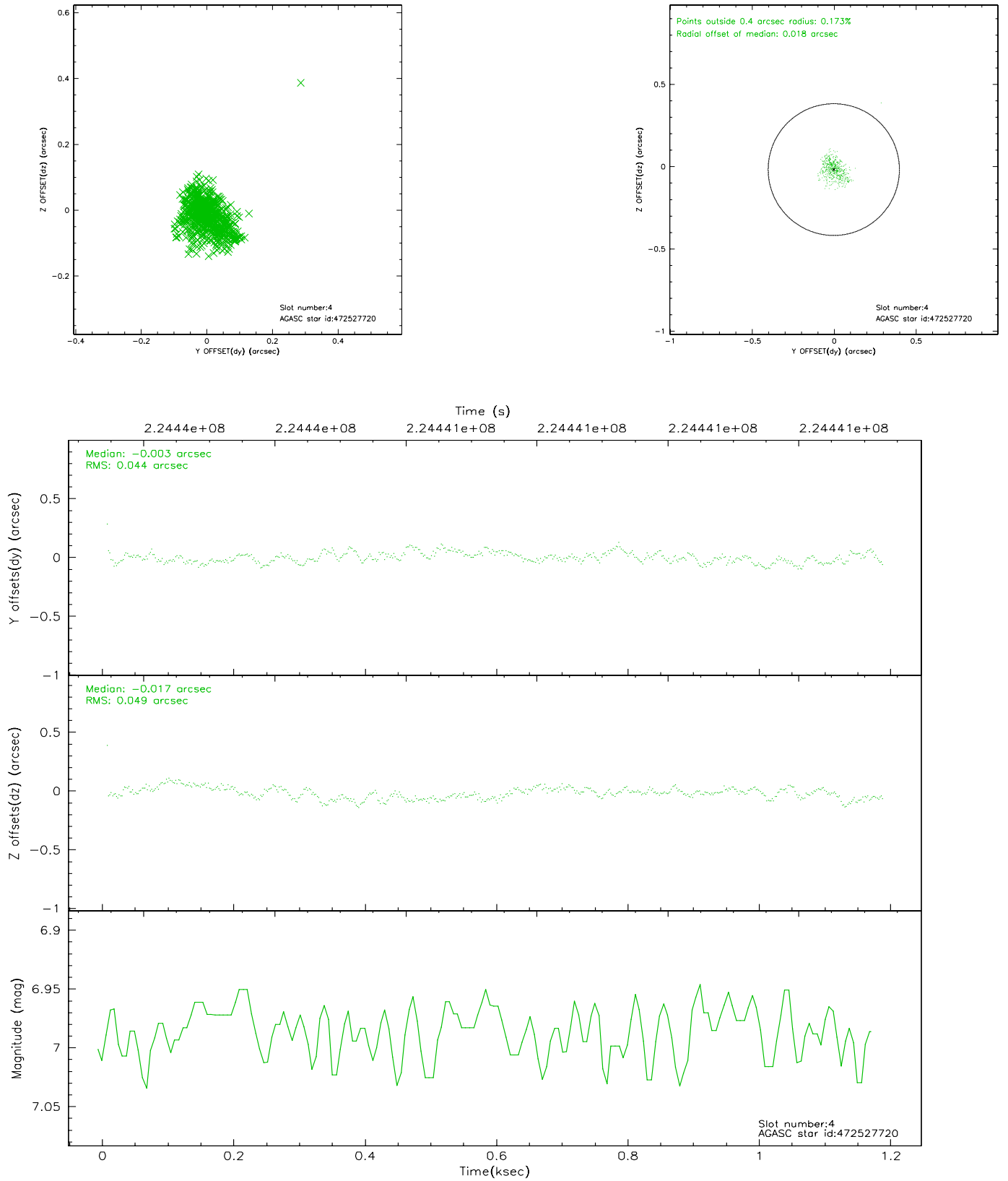


## 2.4 Star Slots

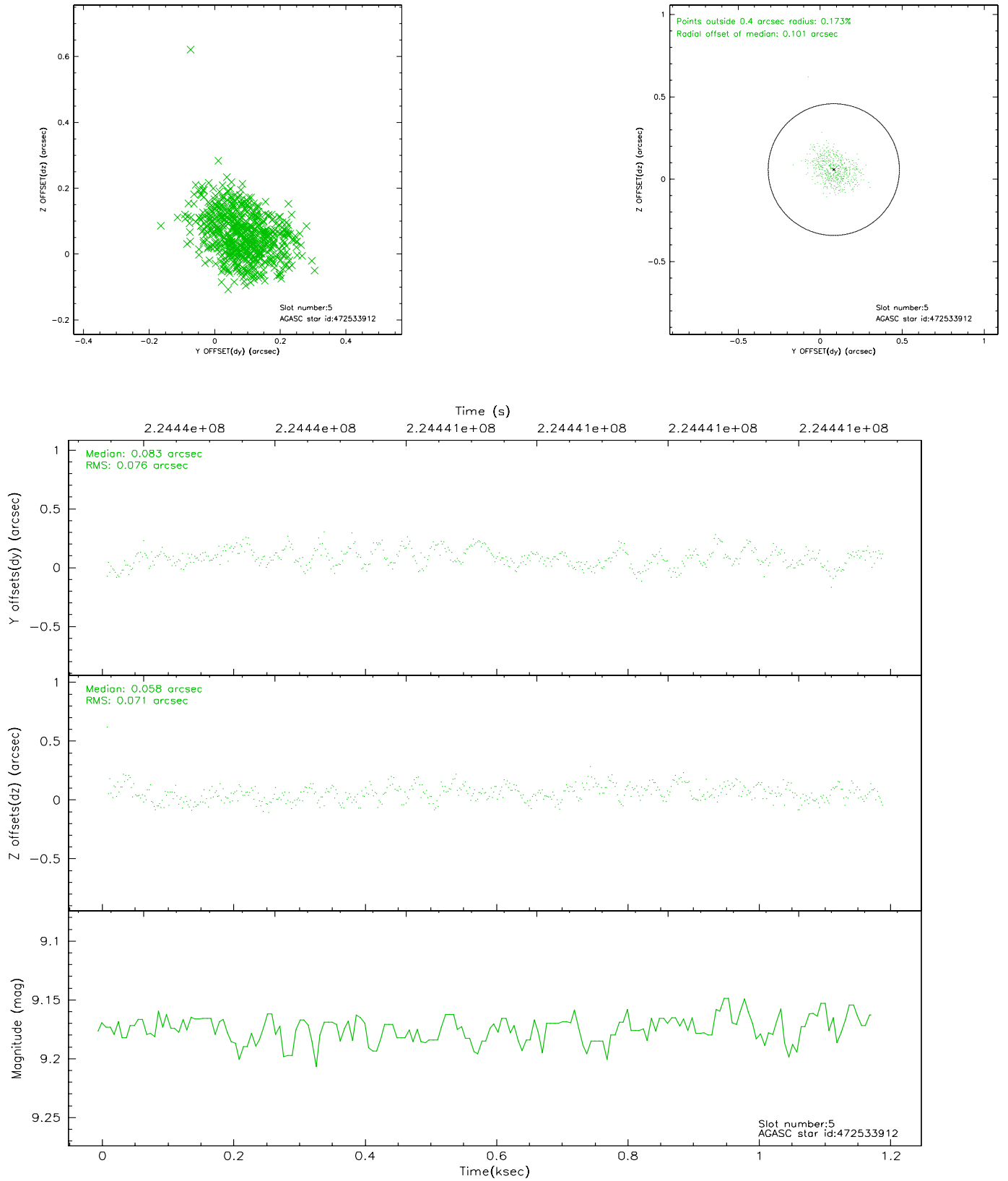
### 2.4.1 Slot 3



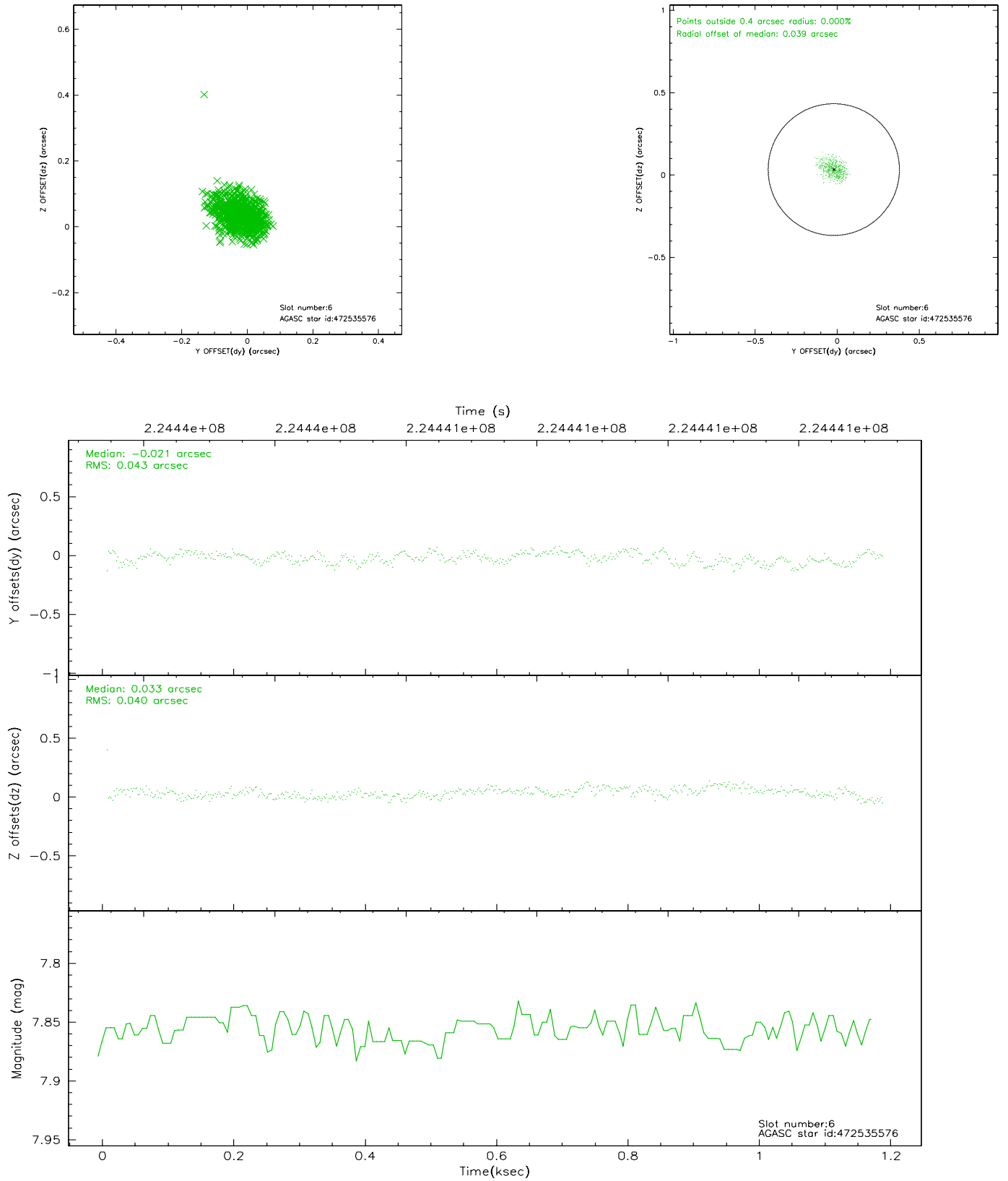
## 2.4.2 Slot 4



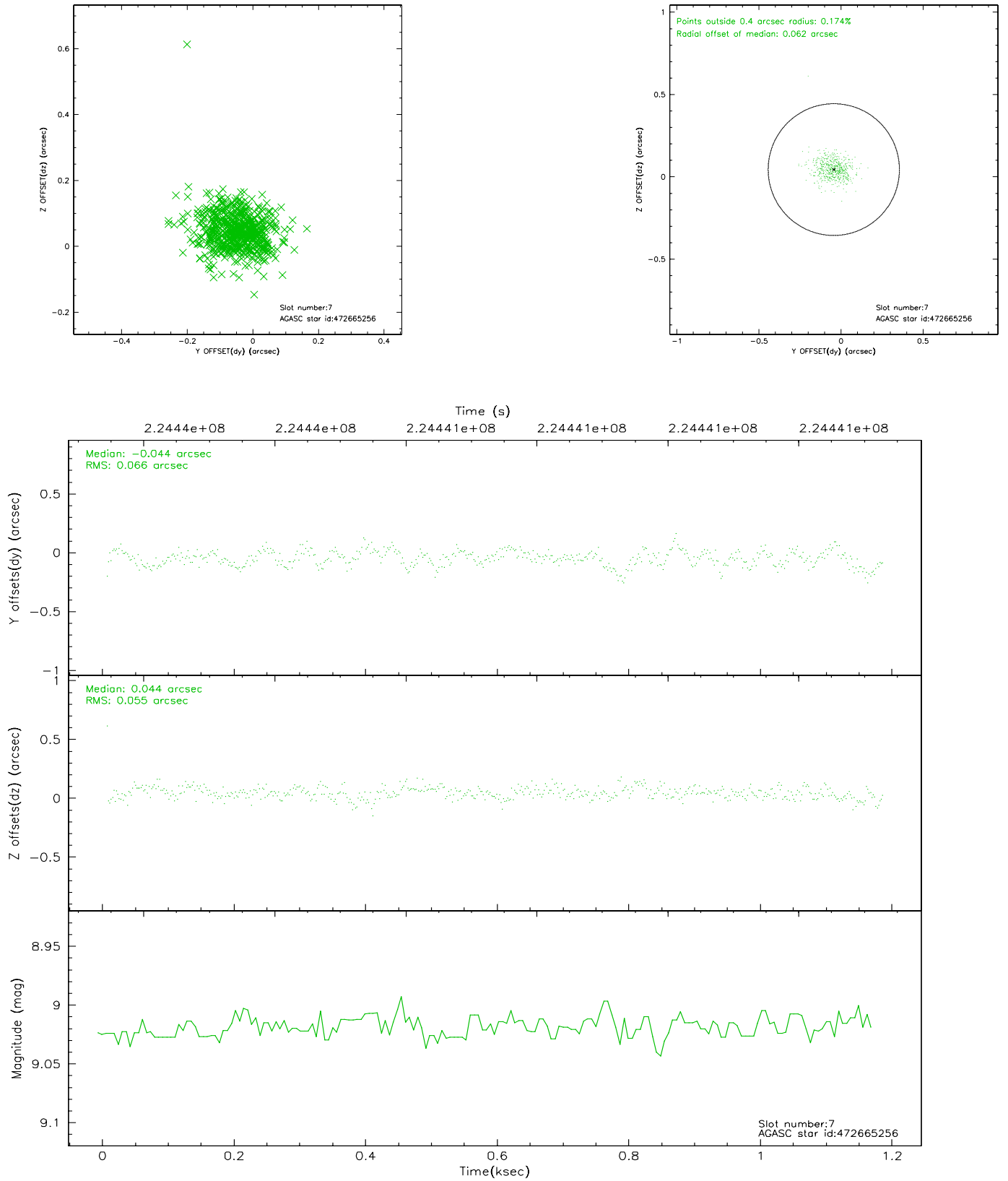
### 2.4.3 Slot 5



## 2.4.4 Slot 6

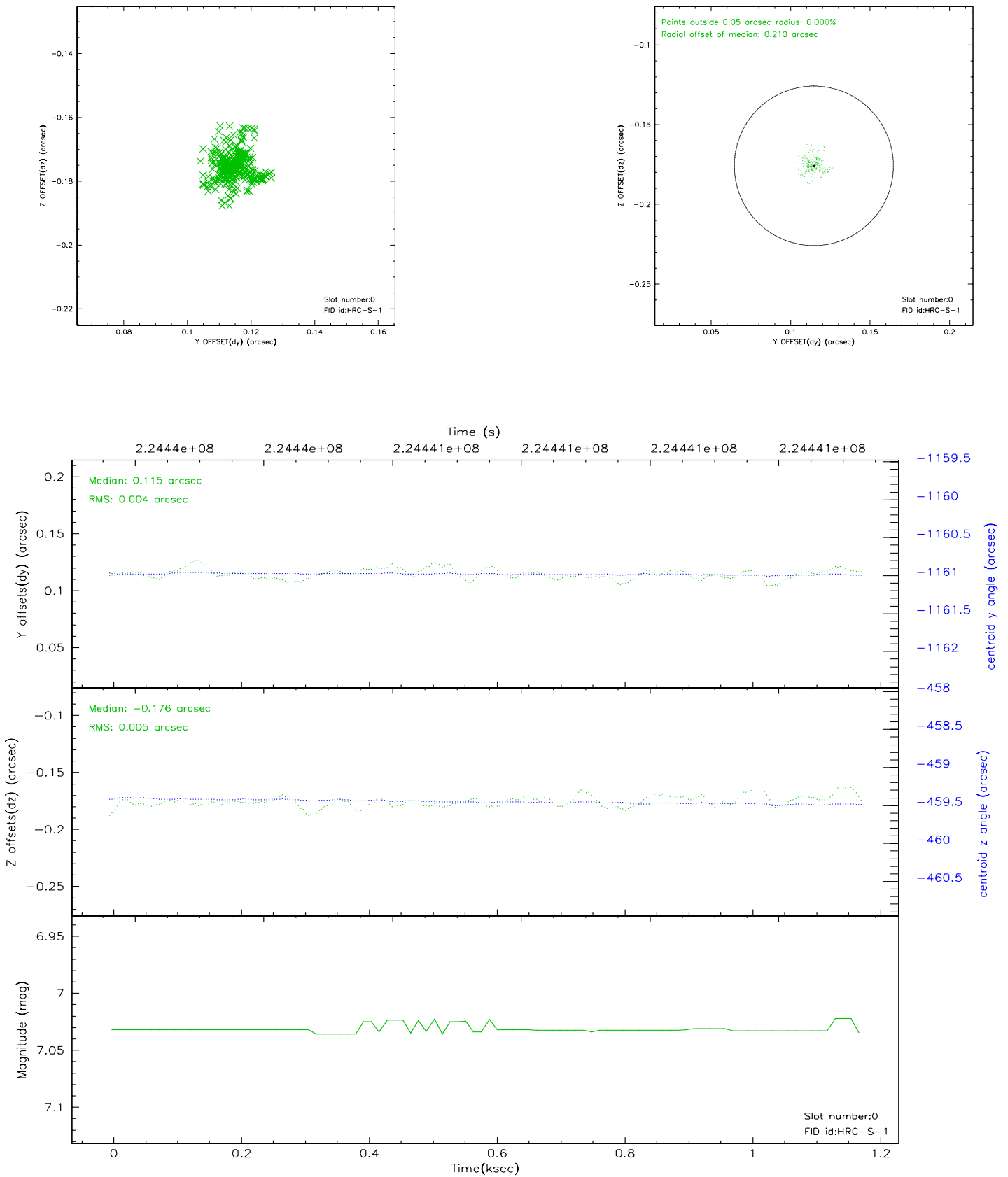


## 2.4.5 Slot 7

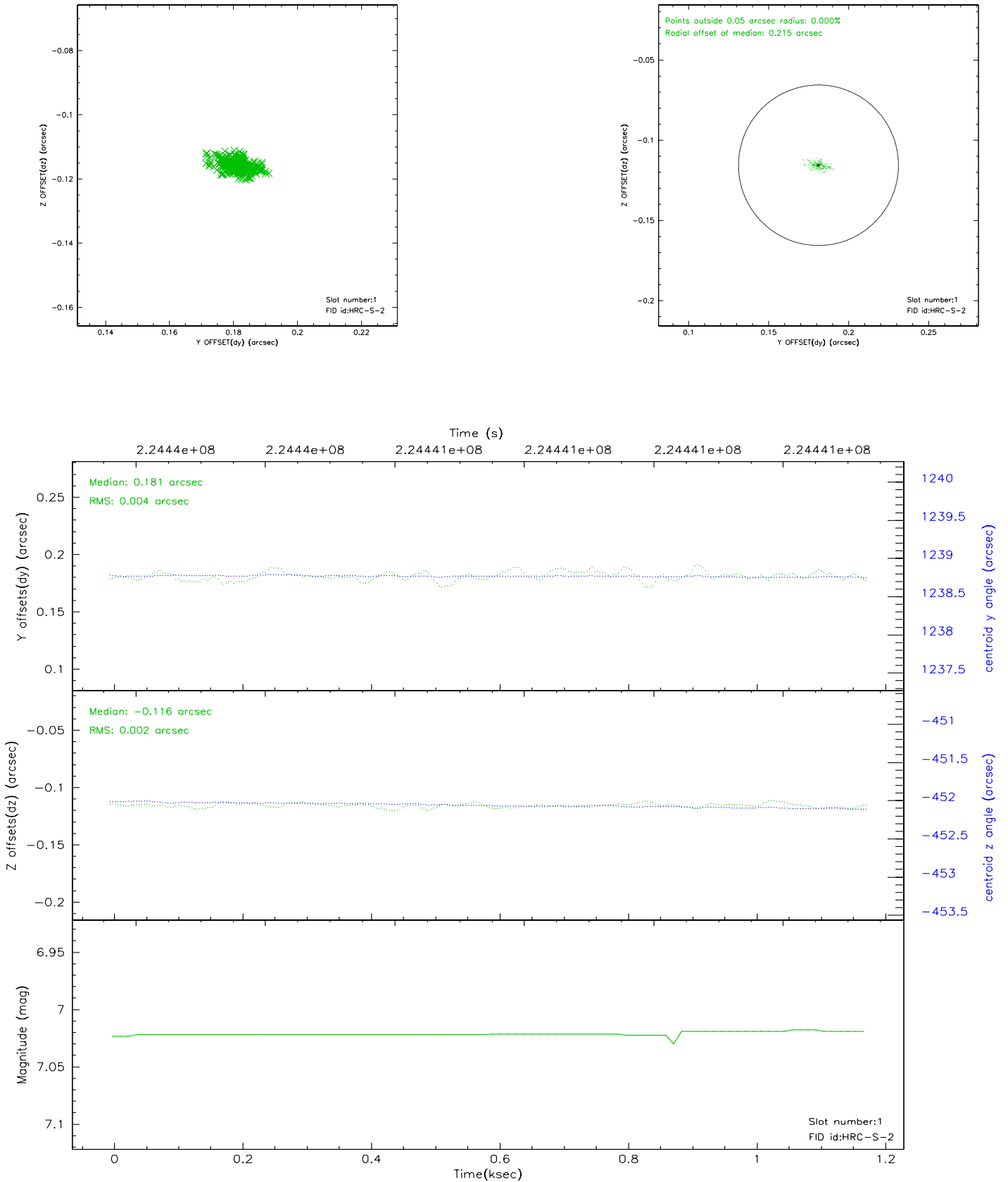


## 2.5 FID Slots

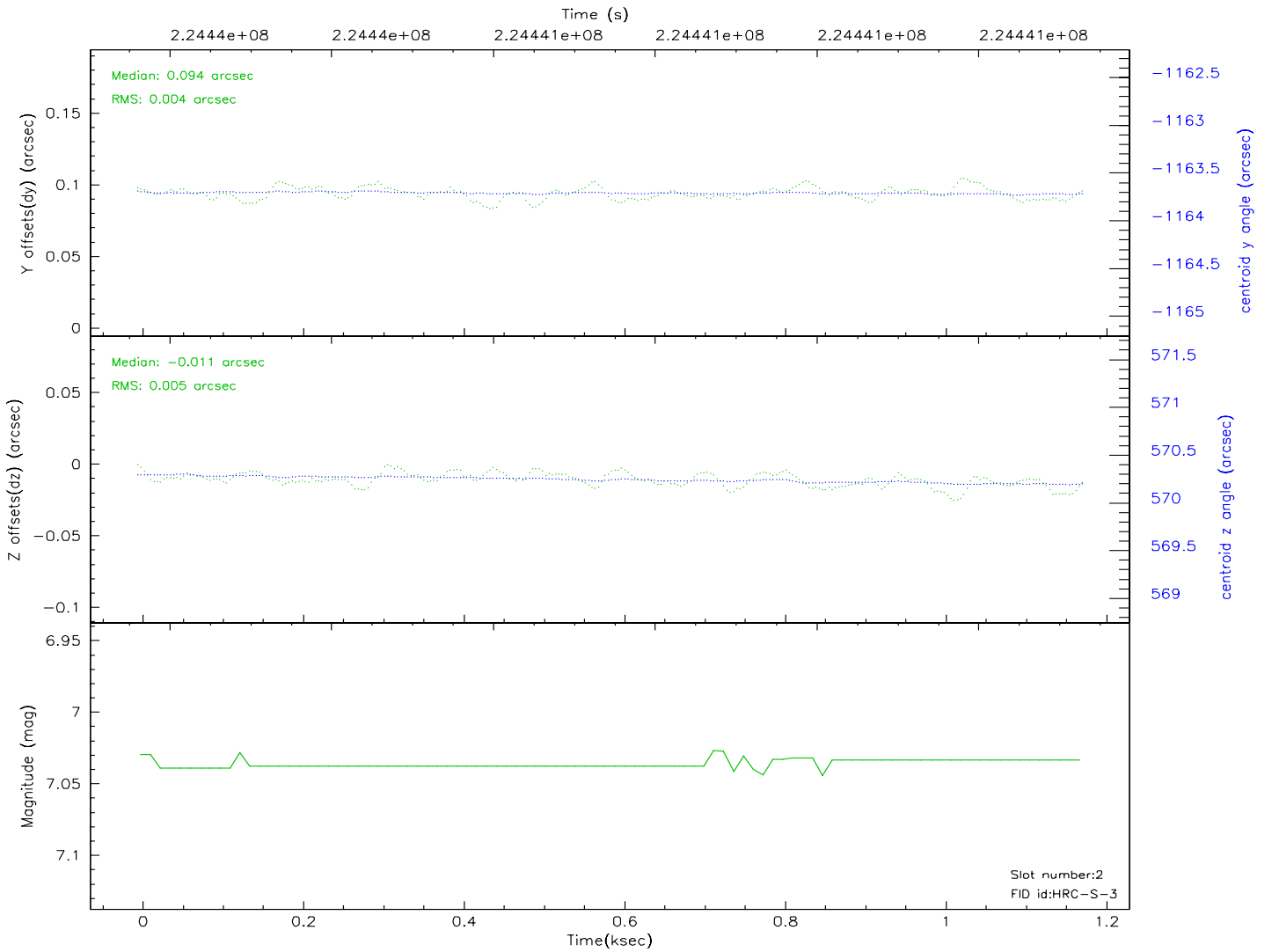
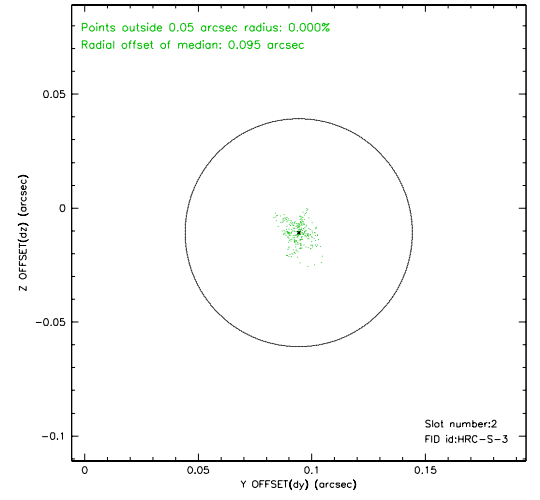
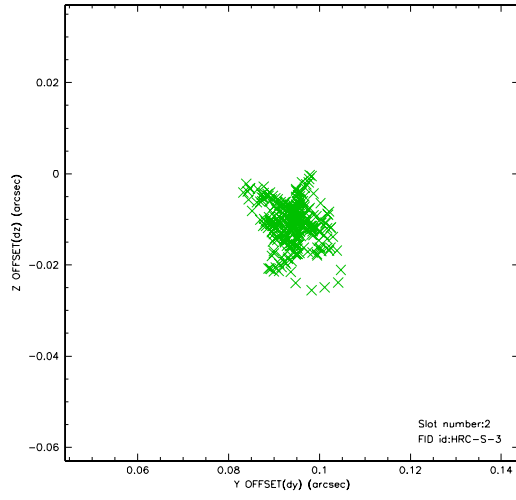
### 2.5.1 Slot 0



## 2.5.2 Slot 1

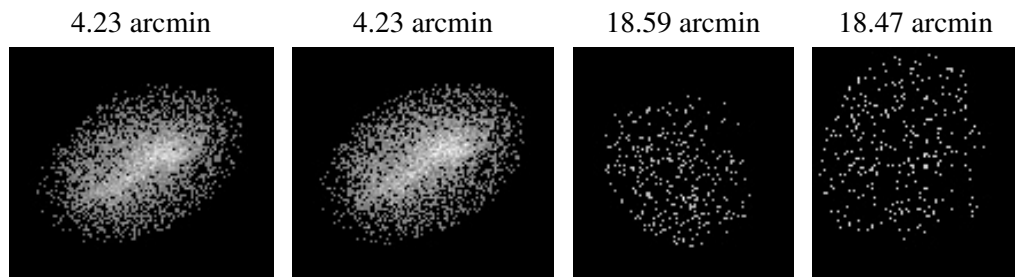


## 2.5.3 Slot 2





### 3 Point Sources



## A Summary

### A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.02.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.151075

### A.2 Comments