

# V&V Reference Report

## L2 ASCDS Version : 7.6.7.1

Observation 6005 - L2 Version 002  
Chandra X-Ray Center

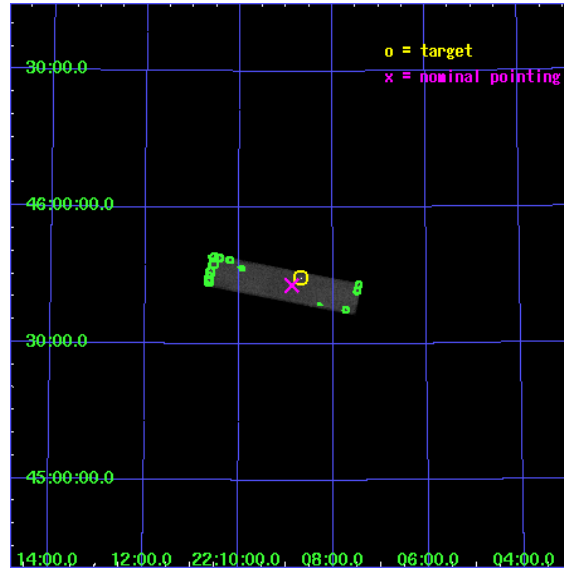
L2 Processing Date : Mar 23 2006

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# 1 Front

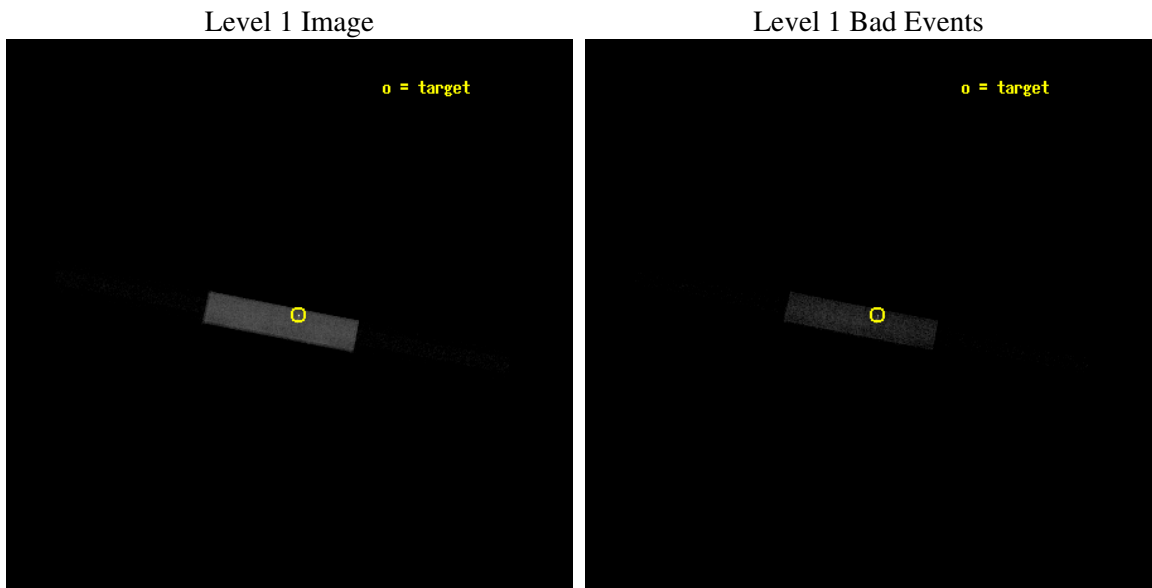
seq_num	290497
obs_id	6005
title	AO6B Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain
observer	Dr. CXC Calibration
object	ArLac
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.21860152928
dec_nom	45.715400453237
roll_nom	190.91870538548
revision	2
ontime	1149.2813027799
livetime	1139.4976524556
l2events	70643



## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



### 2.1.2 Parameters

obi_num	0
ascdsver	7.6.7.1
caldbver	3.2.1
date	2006-03-23T14:49:37
revision	2

sched_exp_time	1000.000000
ontime	1177.9813041091
l1events	119437

### 2.1.3 Events

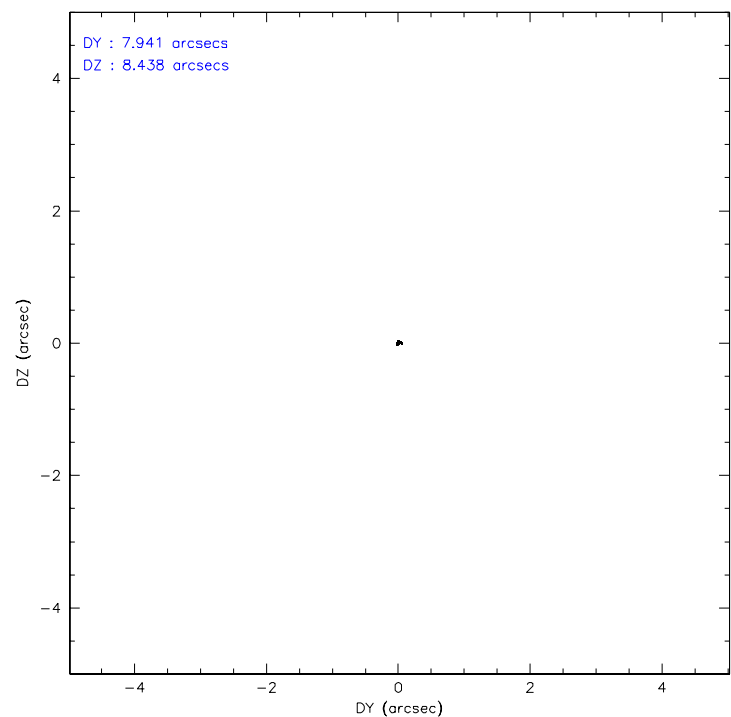
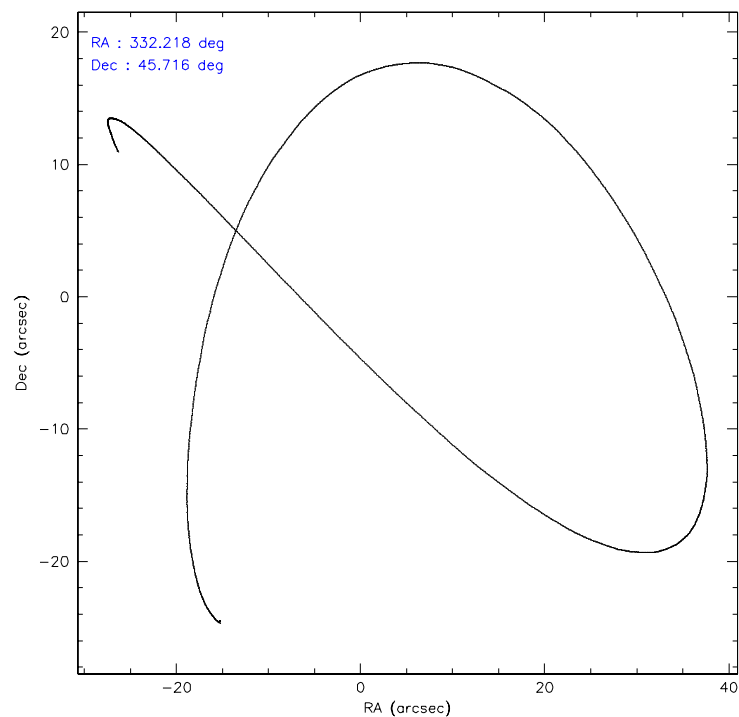
Level 1 Events

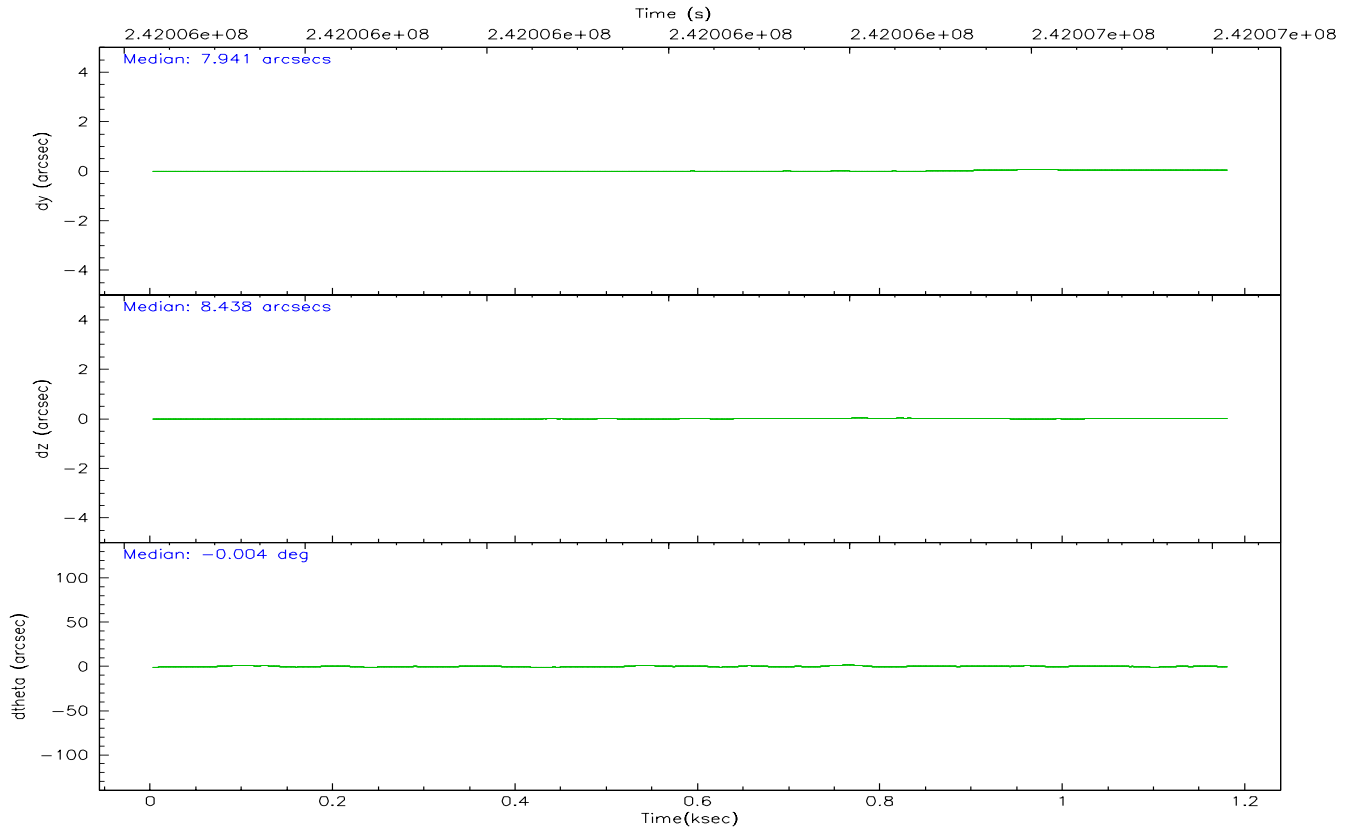
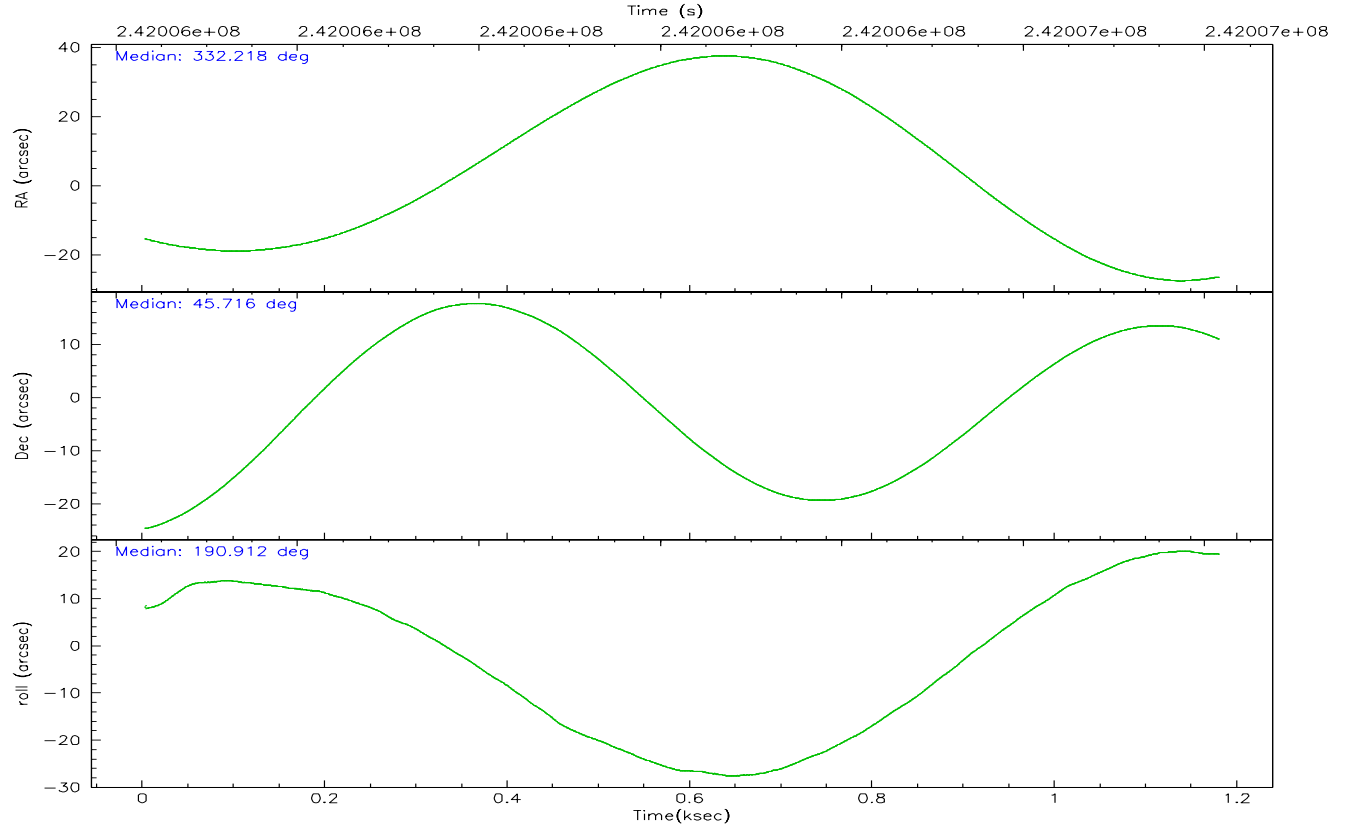
	<b>segment 1</b>	<b>segment 2</b>	<b>segment 3</b>
level 1 events	840	117737	860
rejected events	840	43204	860
rejected %	100%	36%	100%

## 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	332.248875	332.2186015292829			
Pointing Dec	45.734872	45.71540045323695			
Pointing Roll	190.829698	190.9187053854787			
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	242005814.184000	242005438.44628			
Observation start date	2005-09-01T23:49:10	2005-09-01T23:43:58			
Observation end time	242006814.184000	242006948.27135			
Observation end date	2005-09-02T00:05:50	2005-09-02T00:09:08			

2.3 Aspect





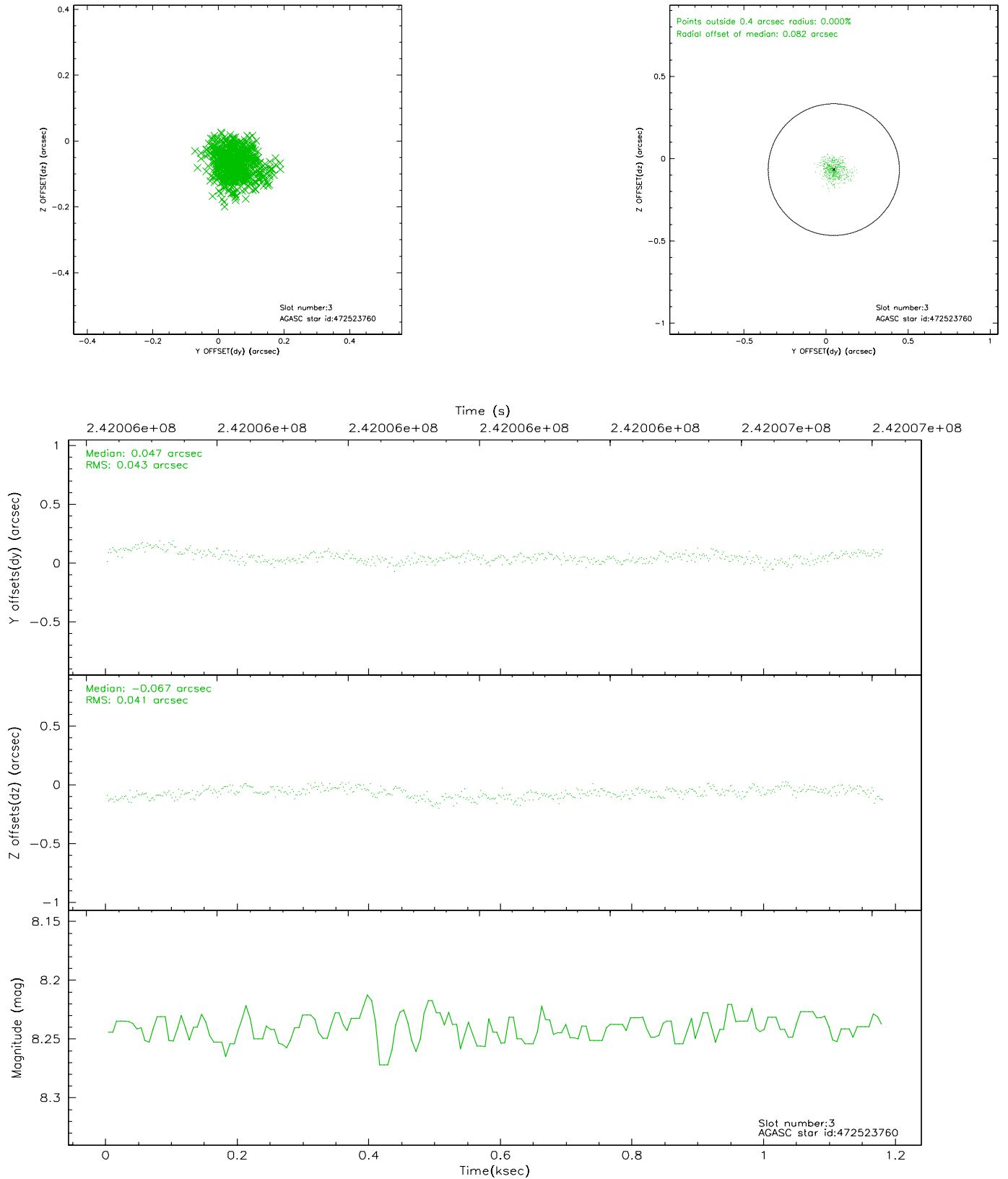
### Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.04	288	0.141	-0.151	0.006	0.011	0.000000	0.000000	-1162.11	-457.08
1	FID	HRC-S-2	7.03	288	0.159	-0.118	0.004	0.007	0.000000	0.000000	1233.55	-451.26
2	FID	HRC-S-3	7.04	288	0.089	-0.034	0.007	0.011	0.000000	0.000000	-1160.61	571.00
3	GUIDE	472523760	8.24	576	0.047	-0.067	0.063	0.104	331.645363	45.403260	1720.20	881.99
4	GUIDE	472527720	7.00	576	-0.109	-0.039	0.070	0.123	331.460205	45.112509	2388.54	1817.86
5	GUIDE	472535576	7.87	576	-0.094	0.099	0.074	0.132	331.438373	46.291802	1604.77	-2353.20
6	GUIDE	472665256	9.00	576	0.182	0.003	0.088	0.147	332.808125	46.195041	-1679.14	-1372.90
7	GUIDE	472533912	9.16	575	-0.043	0.023	0.102	0.162	331.791136	46.368695	683.63	-2458.79

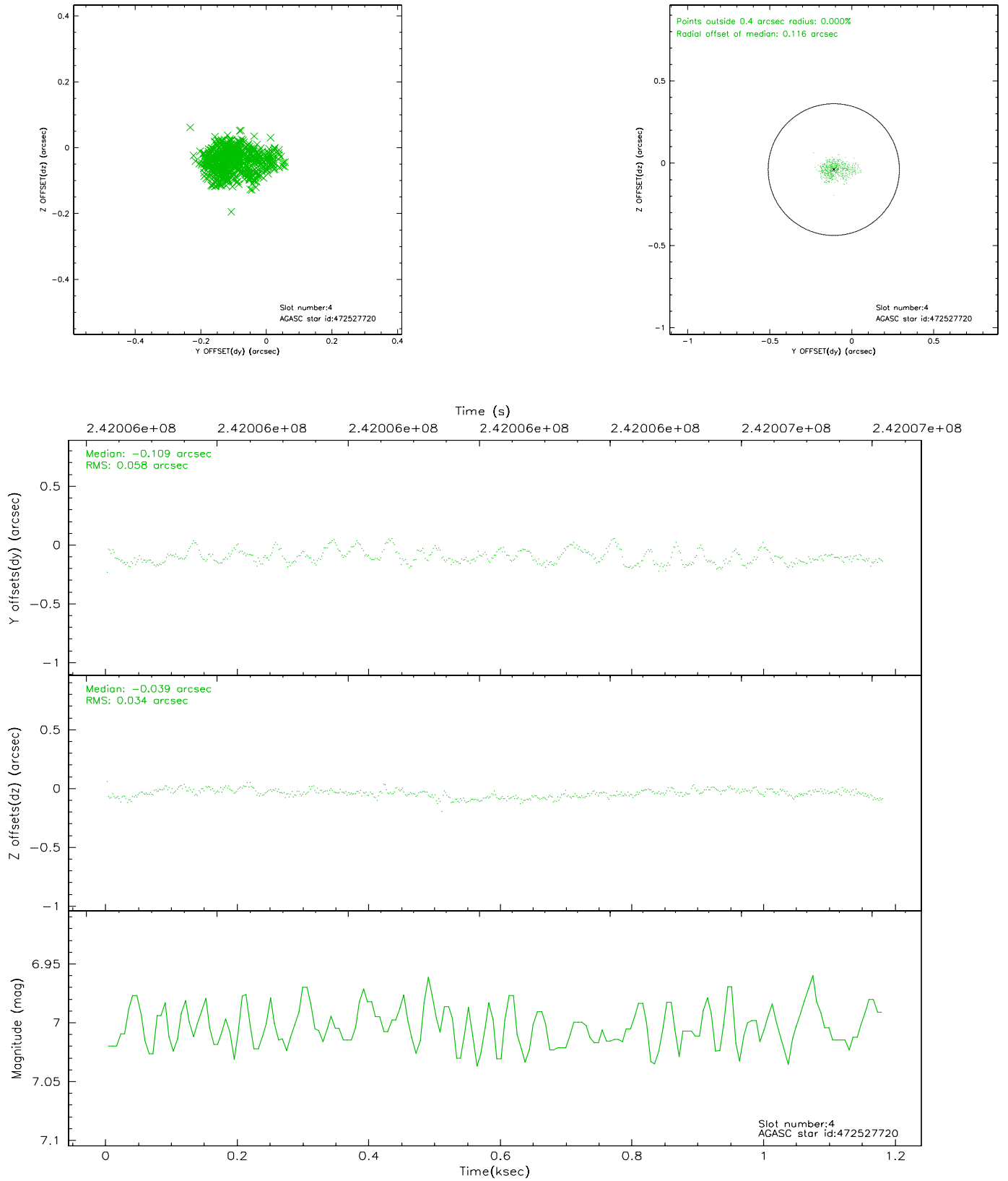


## 2.4 Star Slots

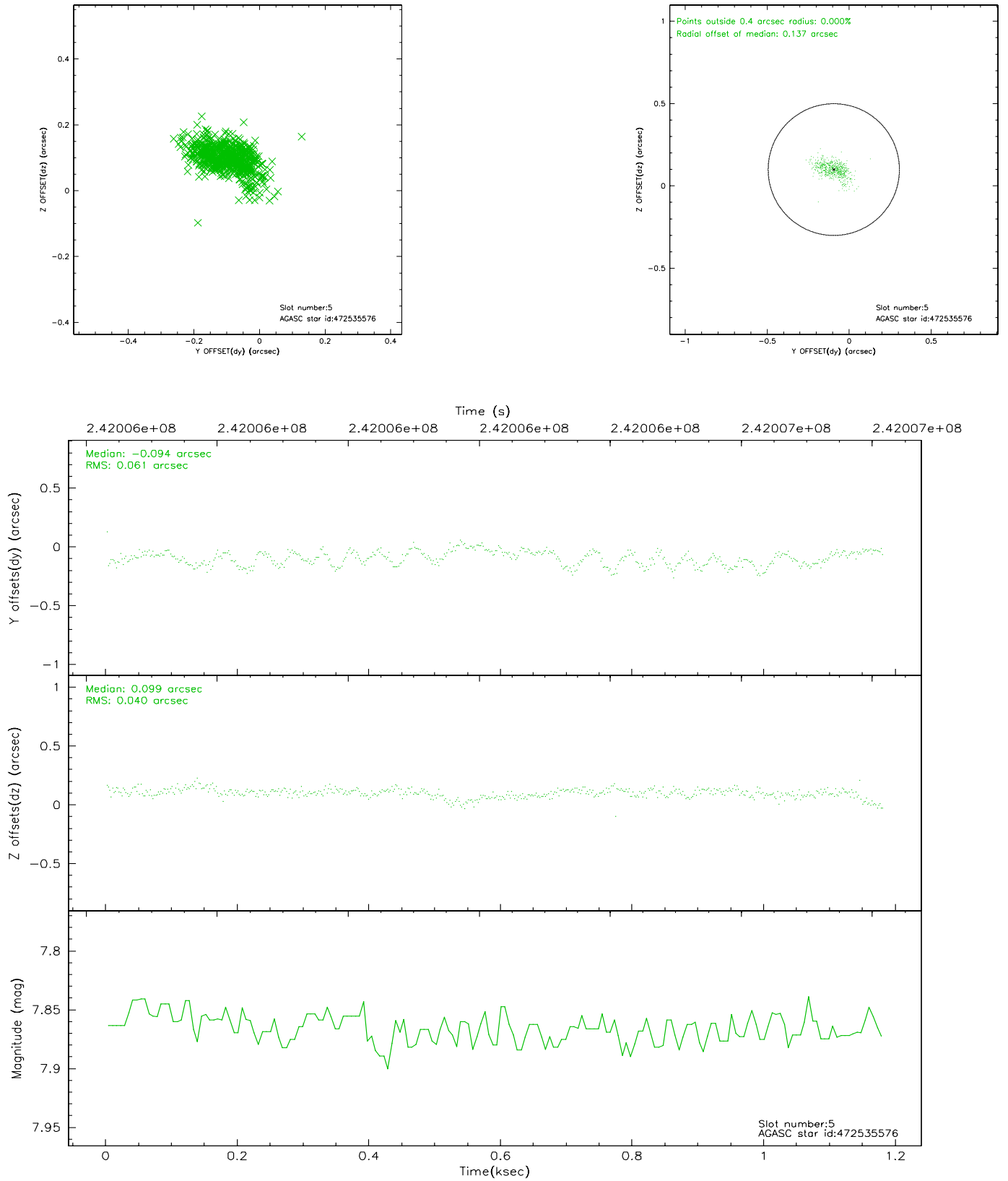
### 2.4.1 Slot 3



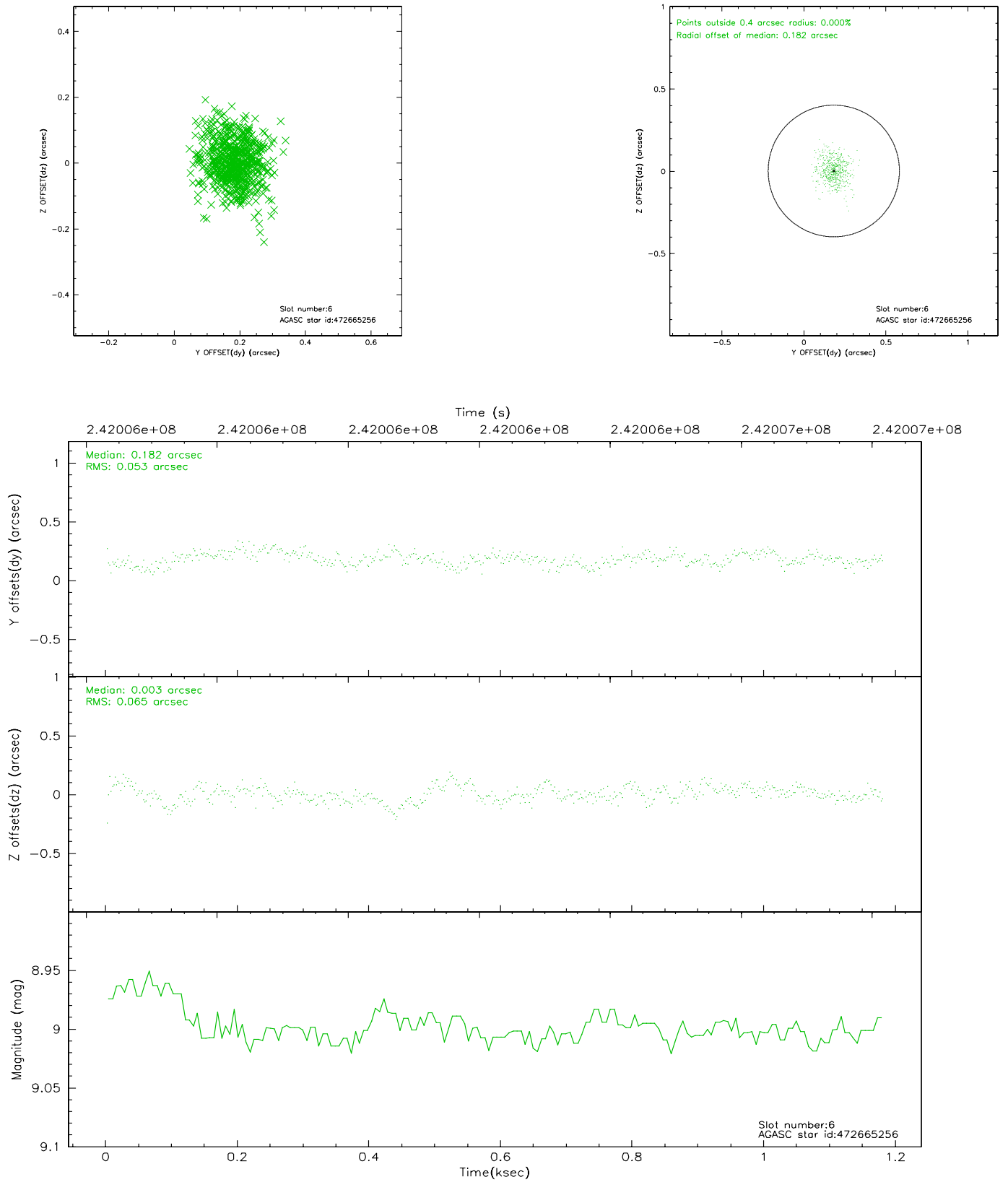
## 2.4.2 Slot 4



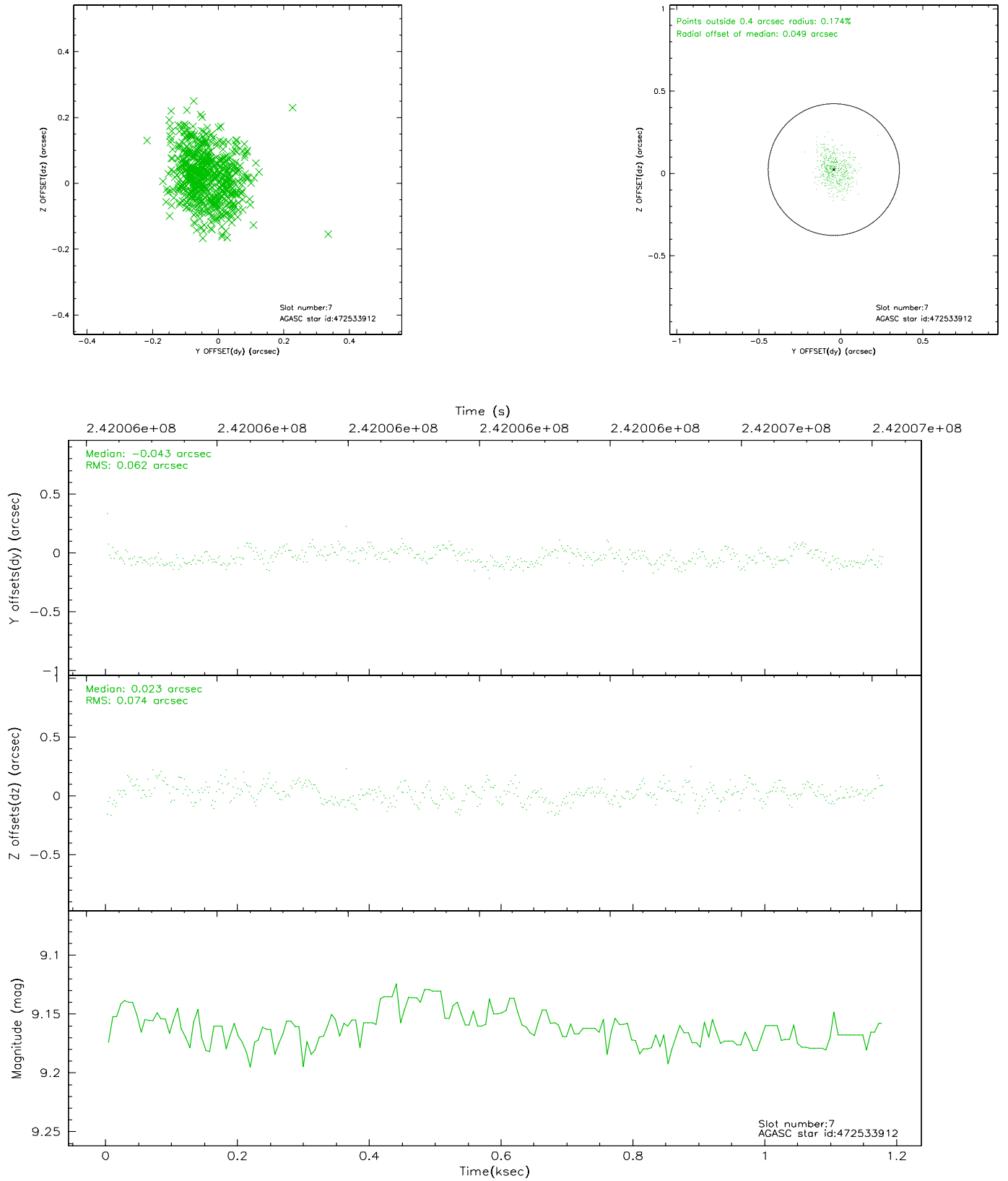
### 2.4.3 Slot 5



## 2.4.4 Slot 6

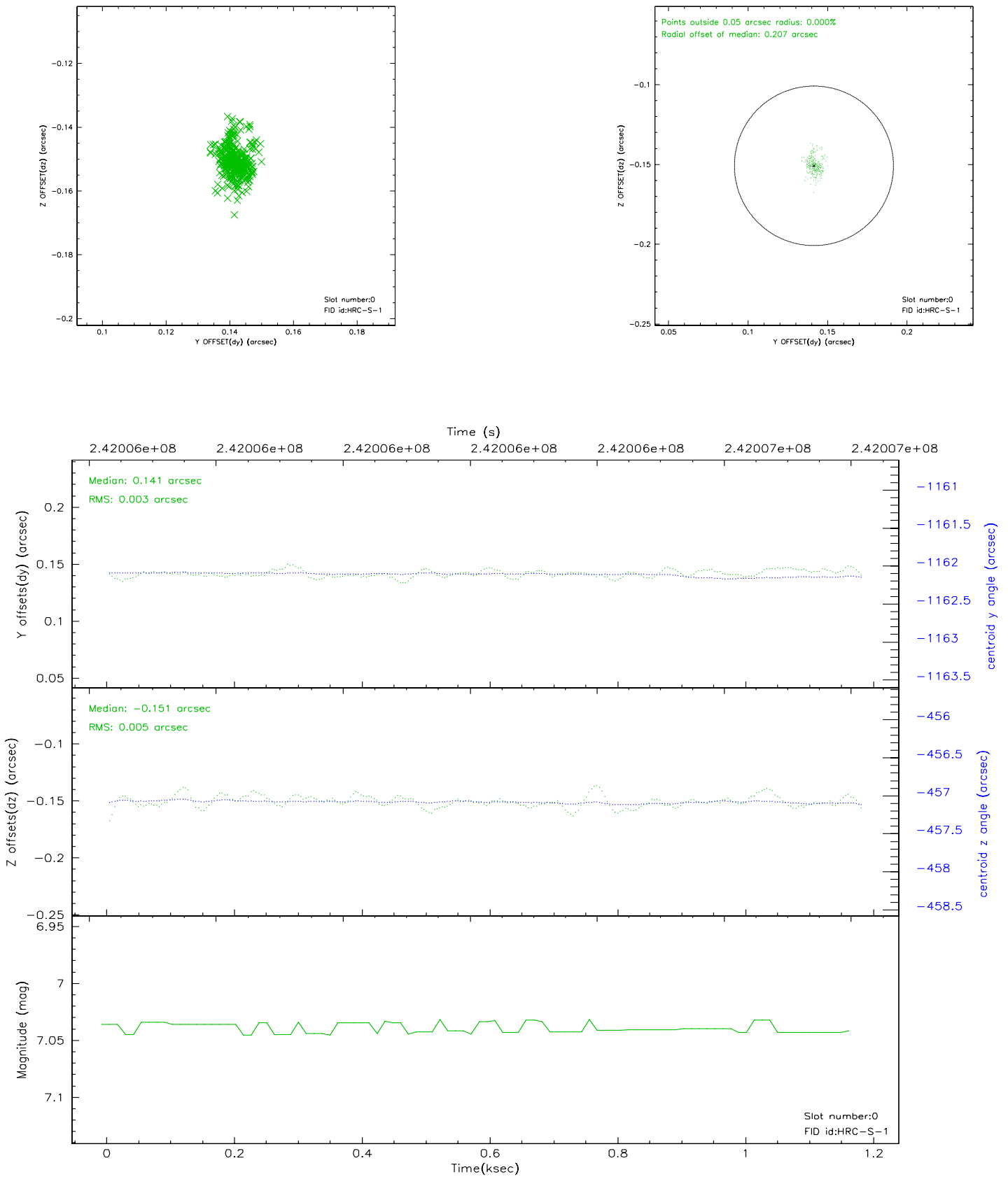


## 2.4.5 Slot 7

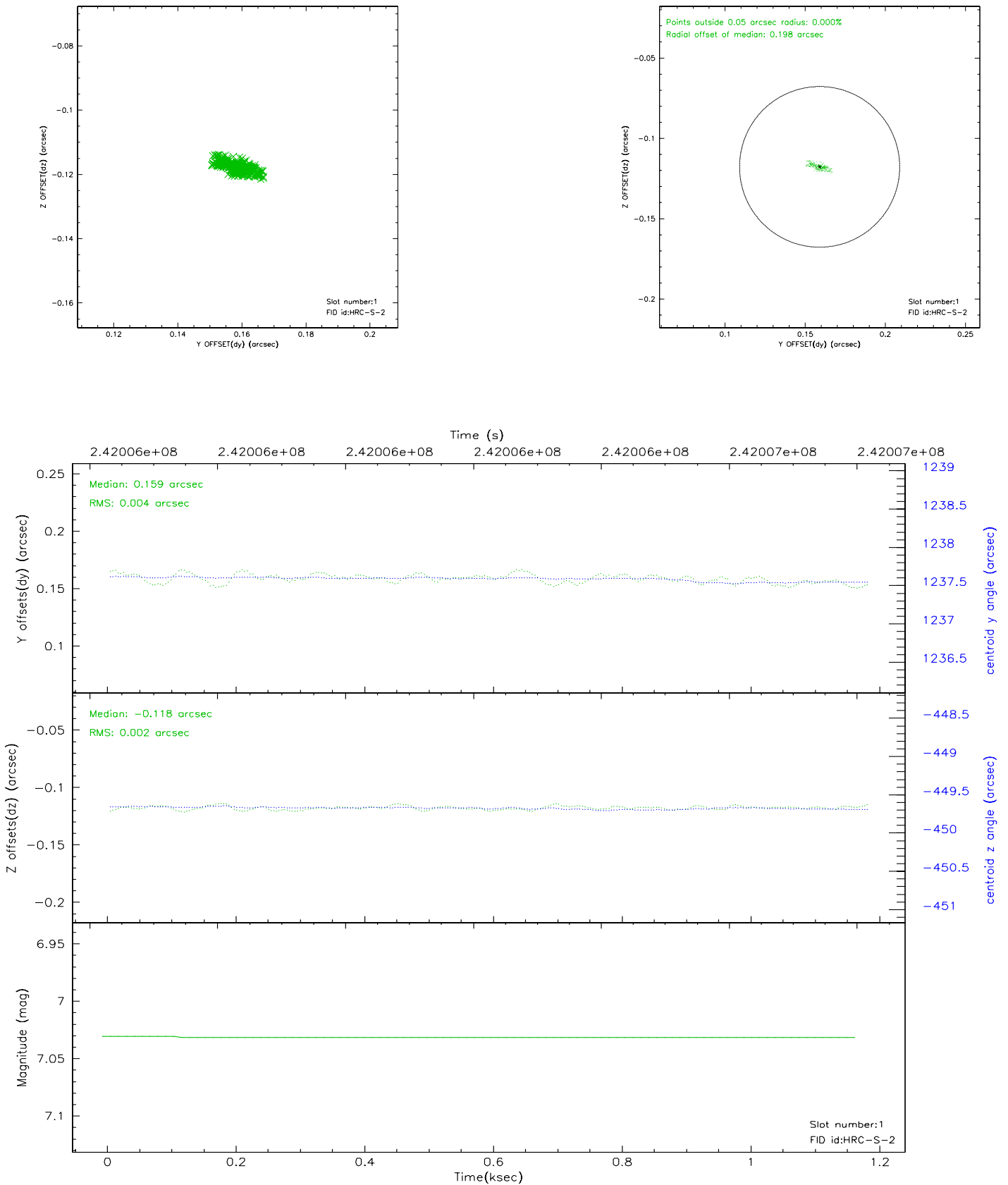


## 2.5 FID Slots

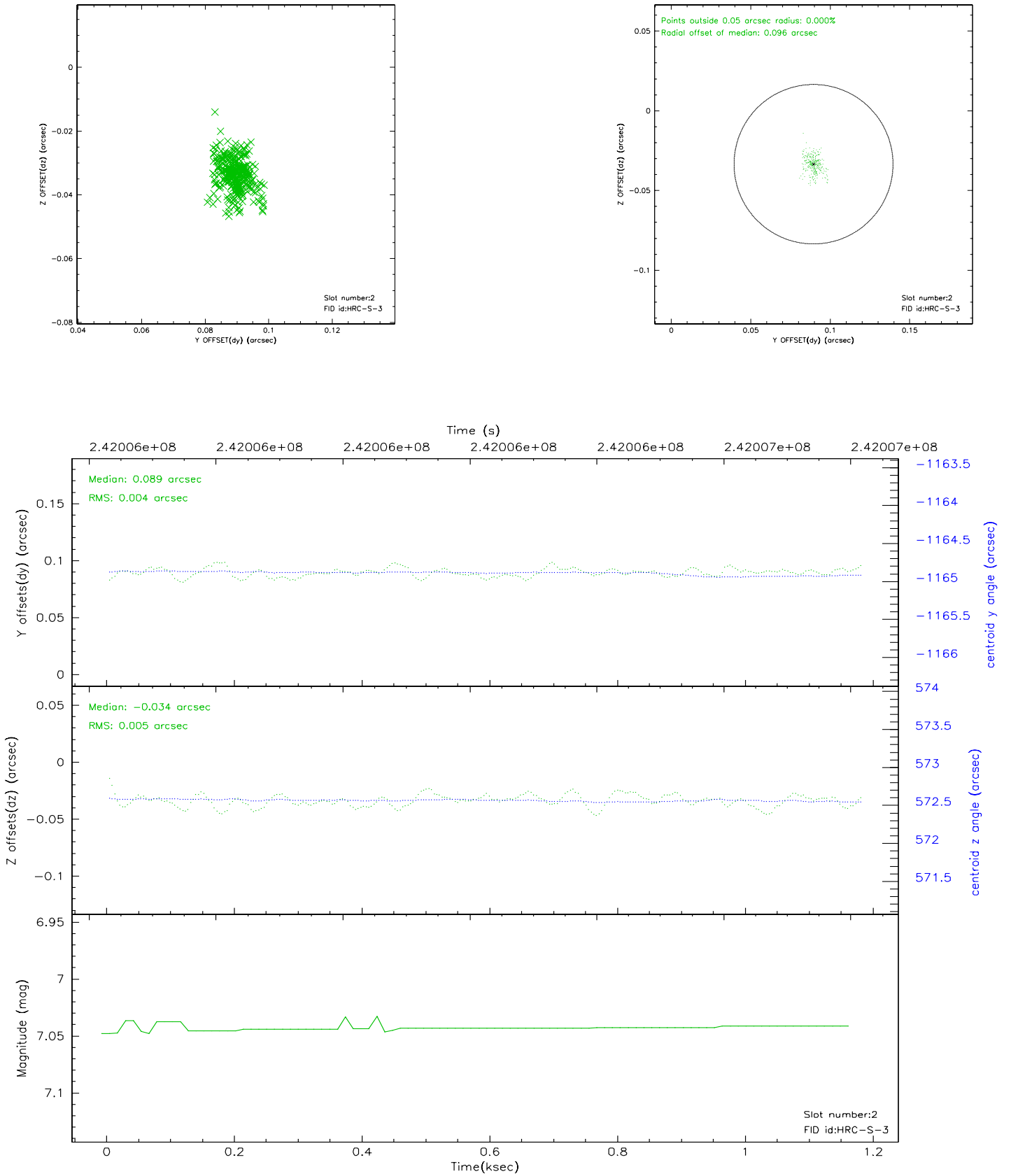
### 2.5.1 Slot 0



## 2.5.2 Slot 1

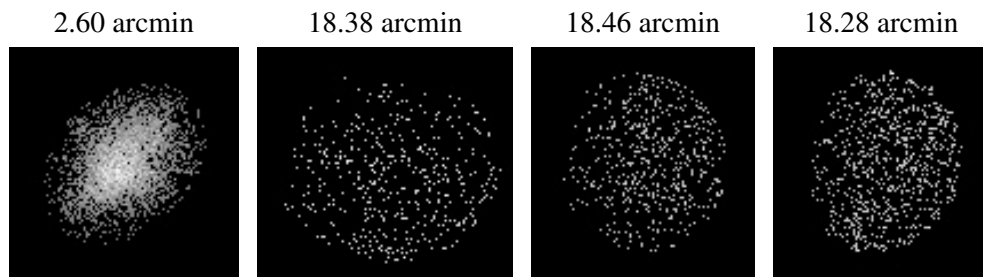


### 2.5.3 Slot 2





### 3 Point Sources



## A Summary

### A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.03.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.149281

### A.2 Comments