

# V&V Reference Report

## L2 ASCDS Version : 7.6.7.1

Observation 6017 - L2 Version 002  
Chandra X-Ray Center

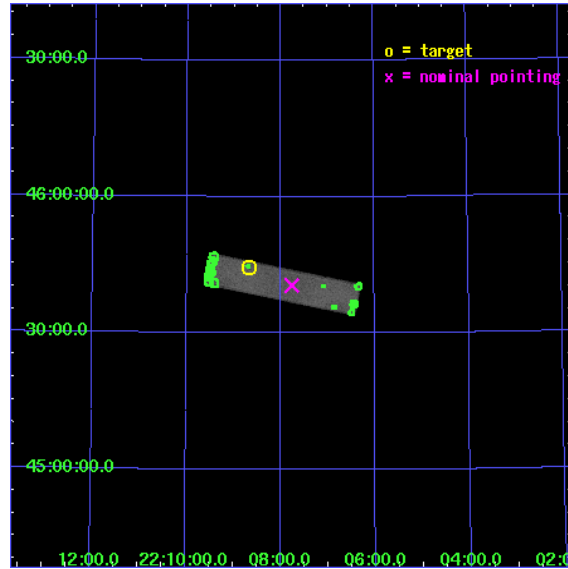
L2 Processing Date : Mar 23 2006

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# 1 Front

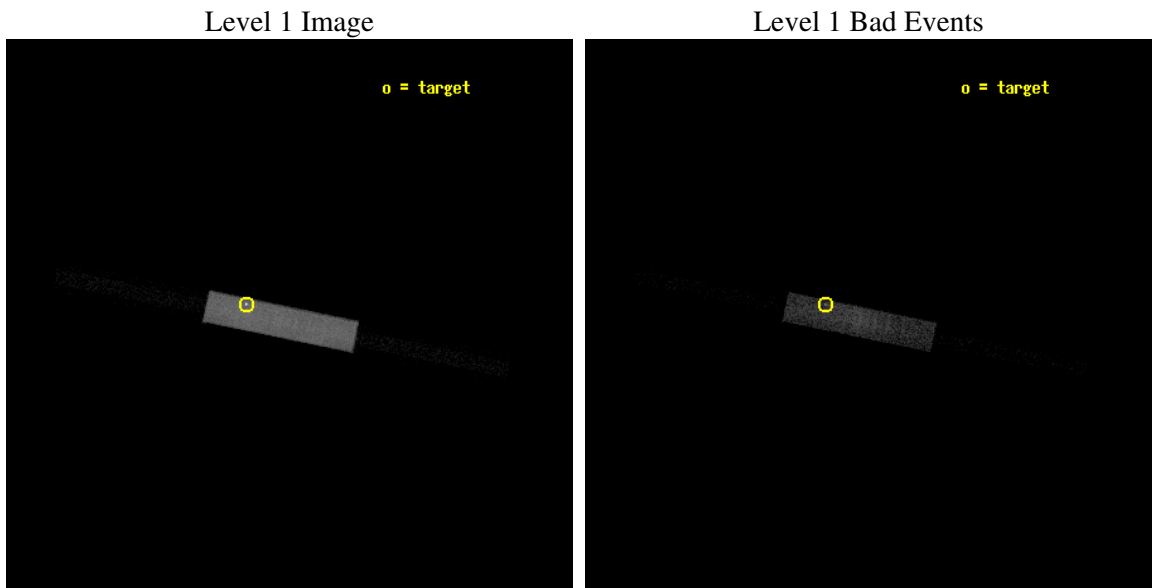
seq_num	290509
obs_id	6017
title	AO6B Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain
observer	Dr. CXC Calibration
object	ArLac
ra_targ	332.17
dec_targ	45.742306
ra_nom	331.93946216654
dec_nom	45.675203510206
roll_nom	191.49423359883
revision	2
ontime	1157.4813031554
livetime	1147.6062779515
l2events	70221



## 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	2006-03-23T15:23:21
revision	2

sched_exp_time	1000.000000
ontime	1186.1813044548
l1events	109148

### 2.1.3 Events

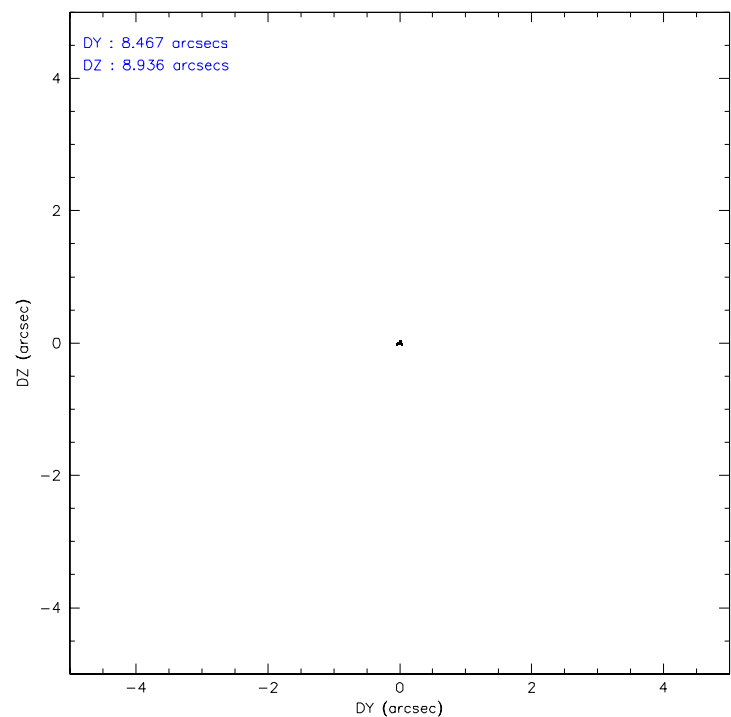
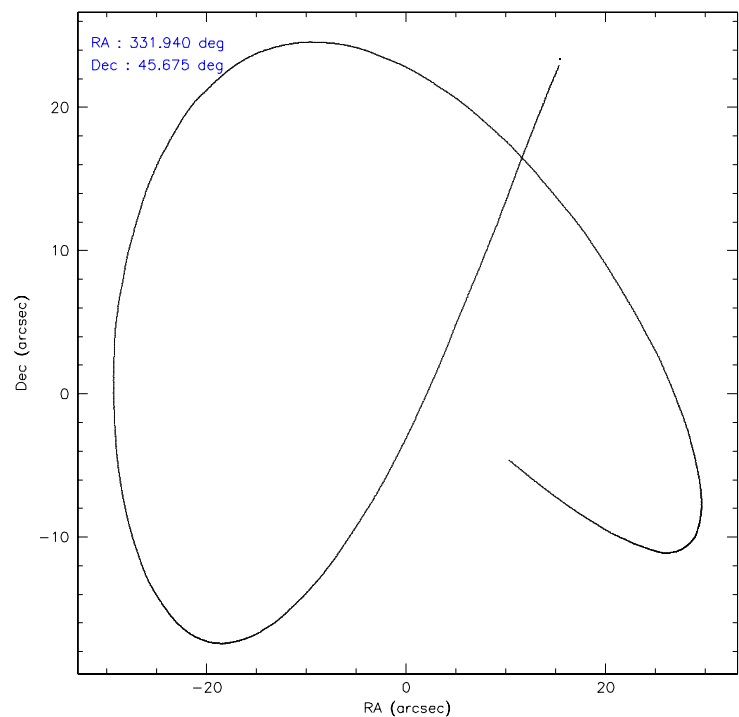
Level 1 Events

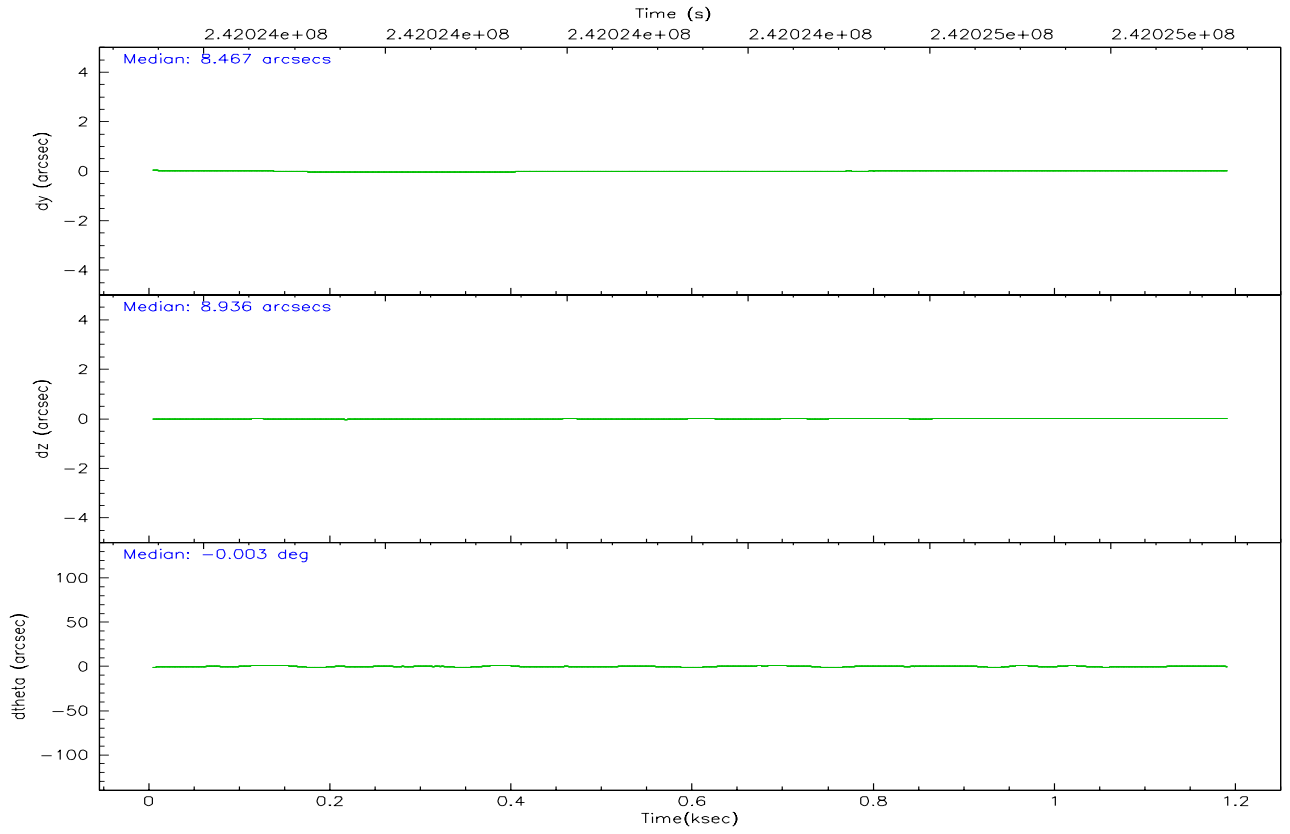
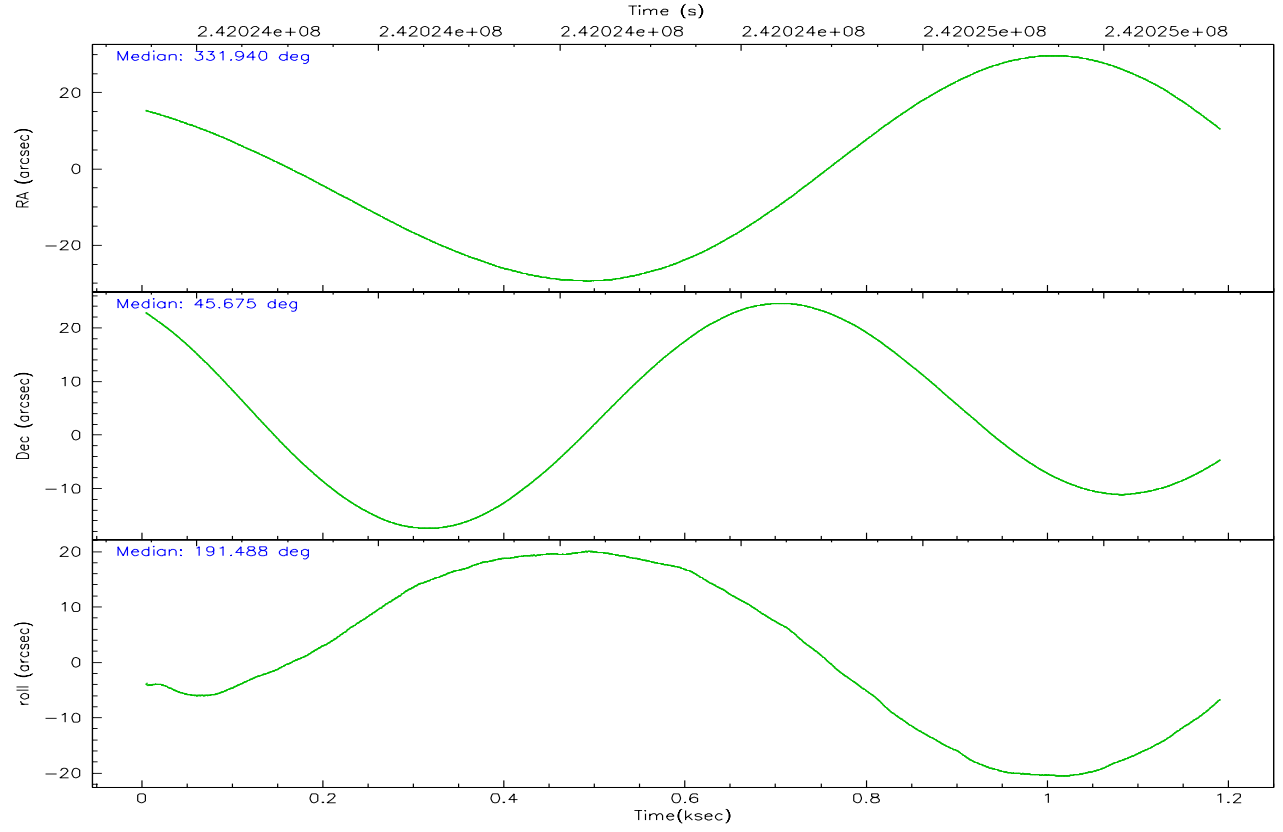
	<b>segment 1</b>	<b>segment 2</b>	<b>segment 3</b>
level 1 events	882	107404	862
rejected events	882	33209	862
rejected %	100%	30%	100%

## 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	331.968067	331.9394621665429			
Pointing Dec	45.696024	45.67520351020601			
Pointing Roll	191.406418	191.4942335988299			
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	242023934.184000	242023558.39711			
Observation start date	2005-09-02T04:51:10	2005-09-02T04:45:58			
Observation end time	242024934.184000	242025068.73468			
Observation end date	2005-09-02T05:07:50	2005-09-02T05:11:08			

2.3 Aspect



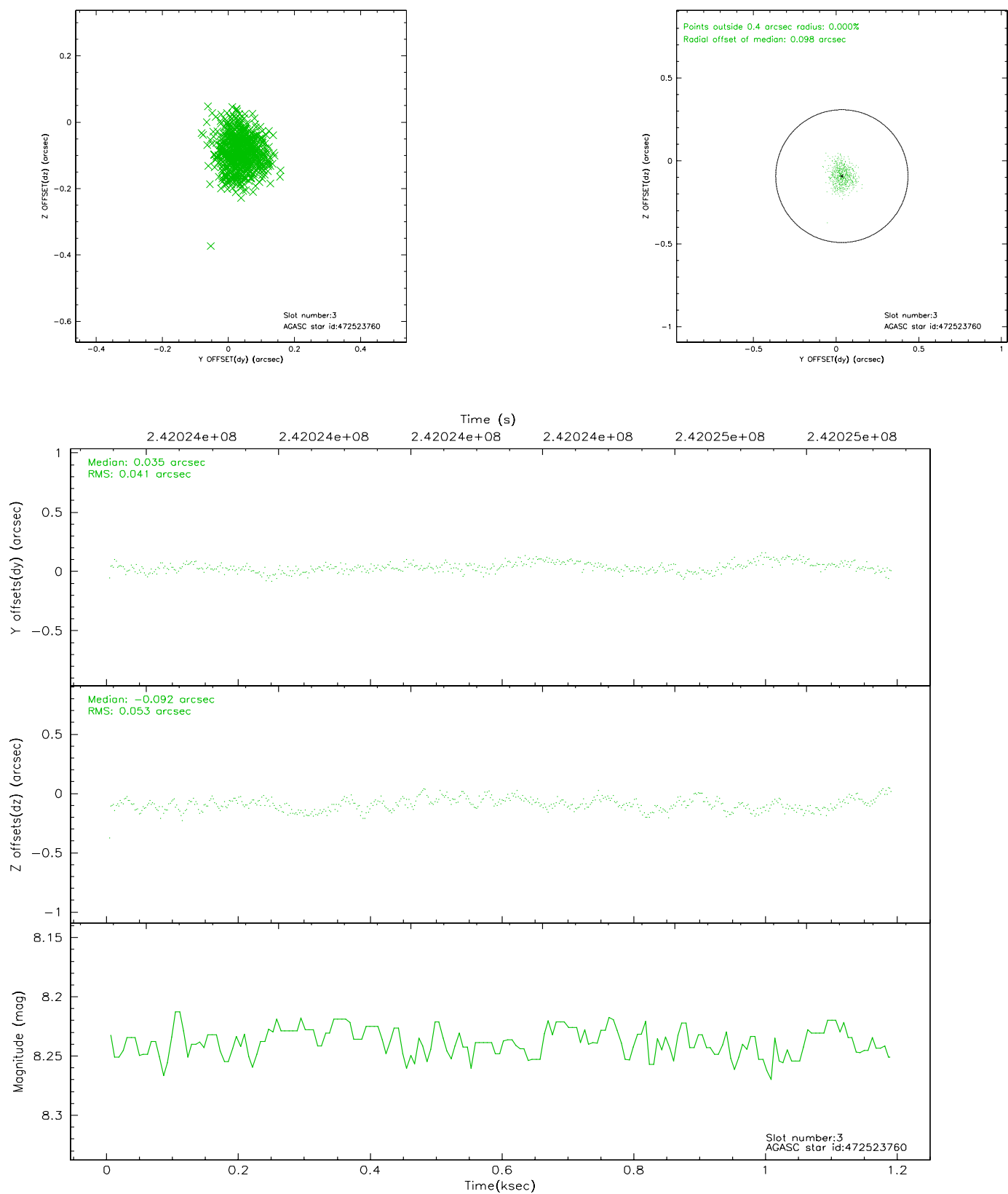


### Slot Statistics

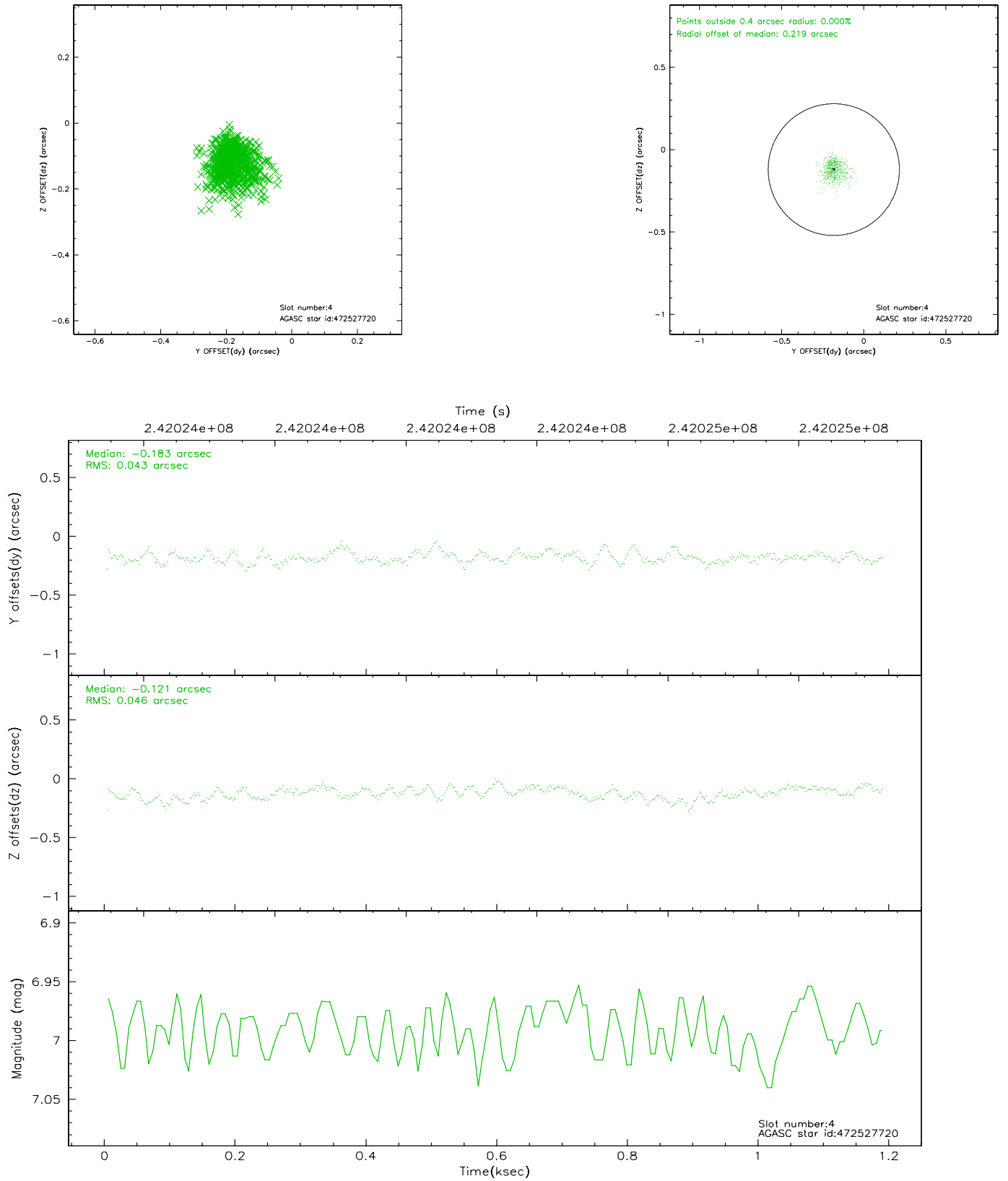
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.04	290	0.159	-0.172	0.006	0.010	0.000000	0.000000	-1162.63	-457.60
1	FID	HRC-S-2	7.03	290	0.131	-0.113	0.005	0.008	0.000000	0.000000	1233.01	-451.77
2	FID	HRC-S-3	7.05	290	0.100	-0.016	0.006	0.011	0.000000	0.000000	-1161.15	570.53
3	GUIDE	472523760	8.24	580	0.035	-0.092	0.073	0.113	331.645363	45.403260	1008.96	867.17
4	GUIDE	472527720	6.99	580	-0.183	-0.121	0.066	0.111	331.460205	45.112509	1682.13	1798.48
5	GUIDE	472535576	7.85	580	-0.108	0.143	0.059	0.092	331.438373	46.291802	870.92	-2367.08
6	GUIDE	472655152	9.44	580	0.151	-0.014	0.109	0.175	332.504239	45.862991	-1434.45	-335.05
7	GUIDE	472663080	9.42	579	0.097	0.074	0.101	0.168	332.652741	46.473840	-2220.20	-2420.14

## 2.4 Star Slots

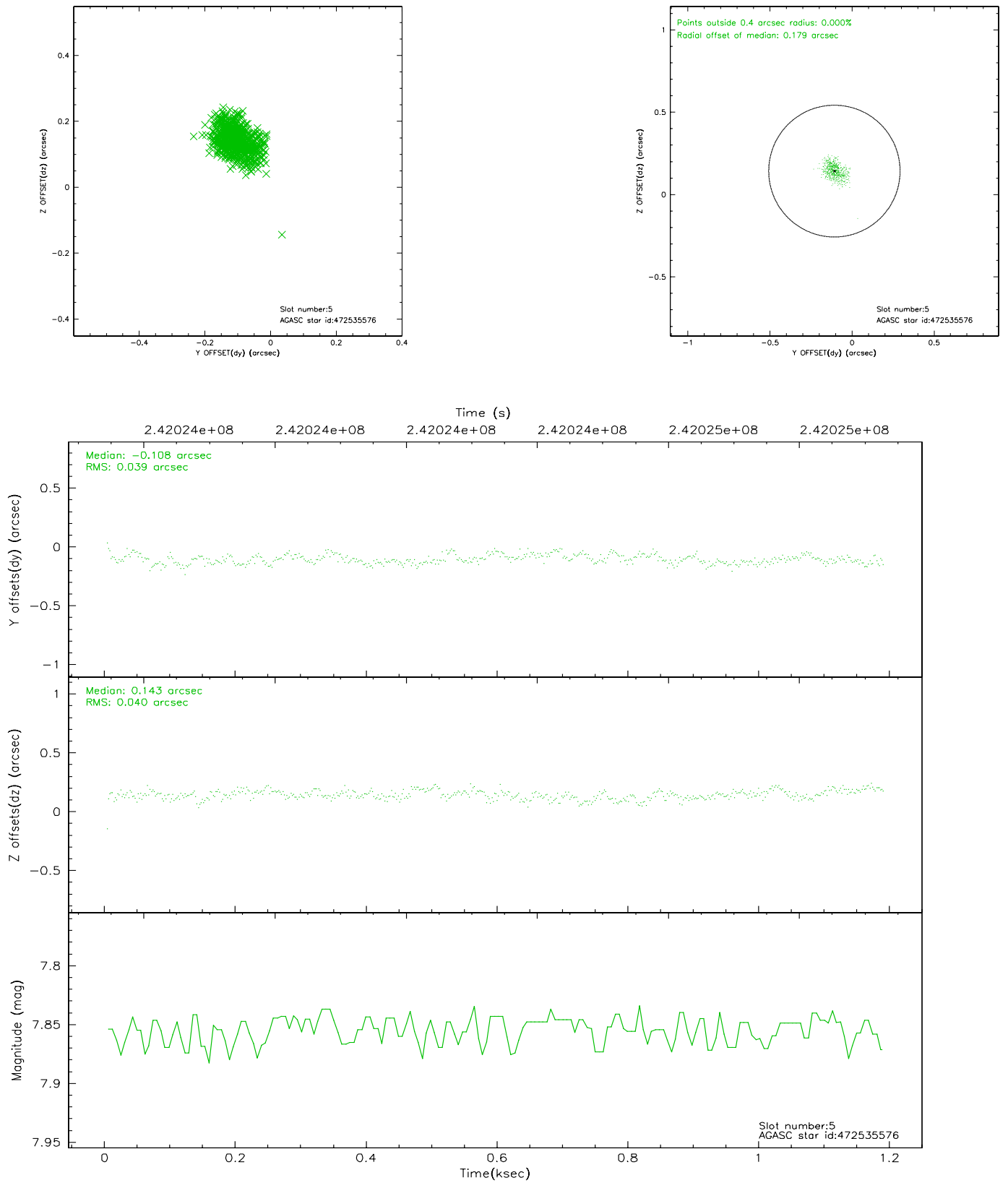
### 2.4.1 Slot 3



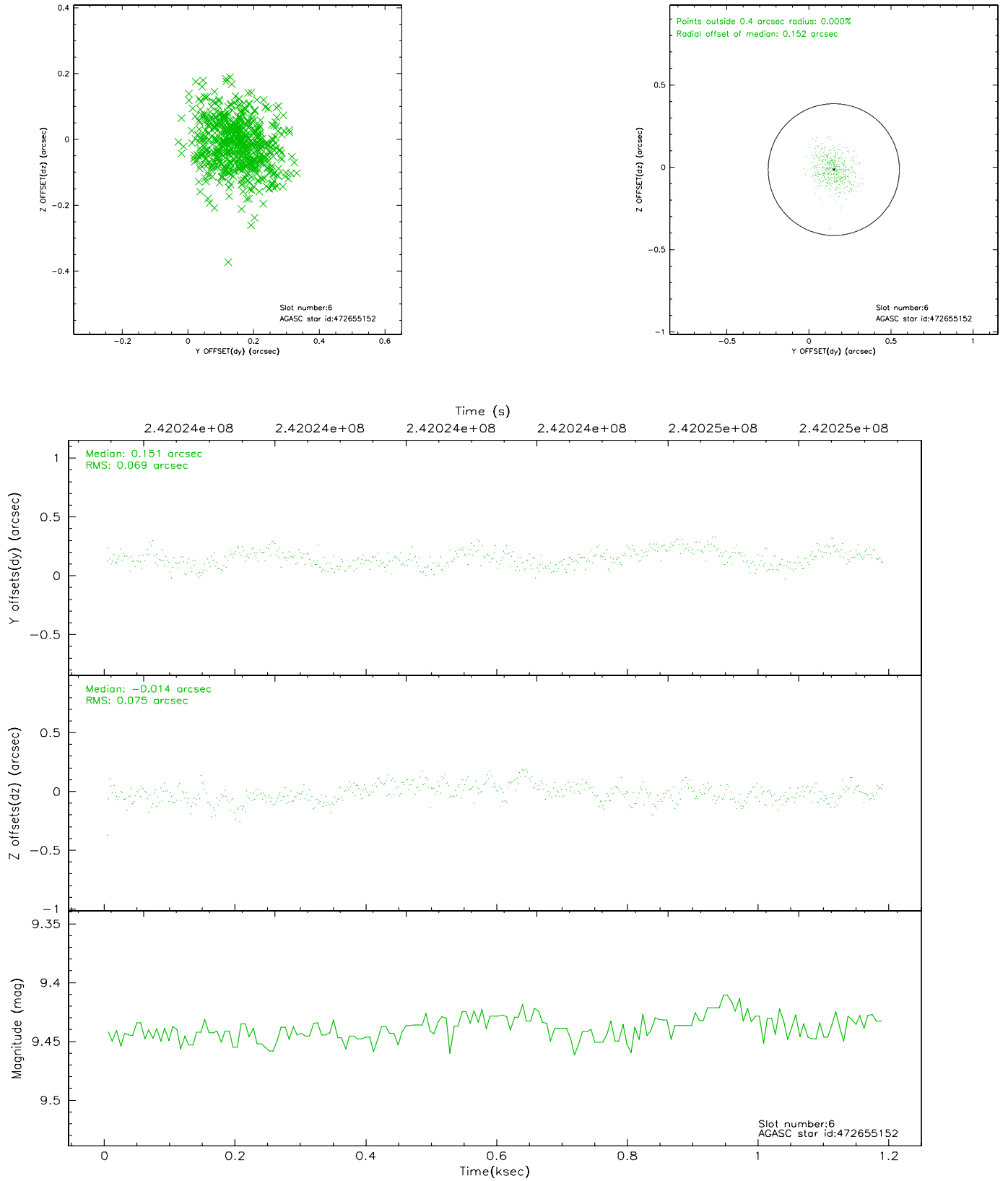
## 2.4.2 Slot 4



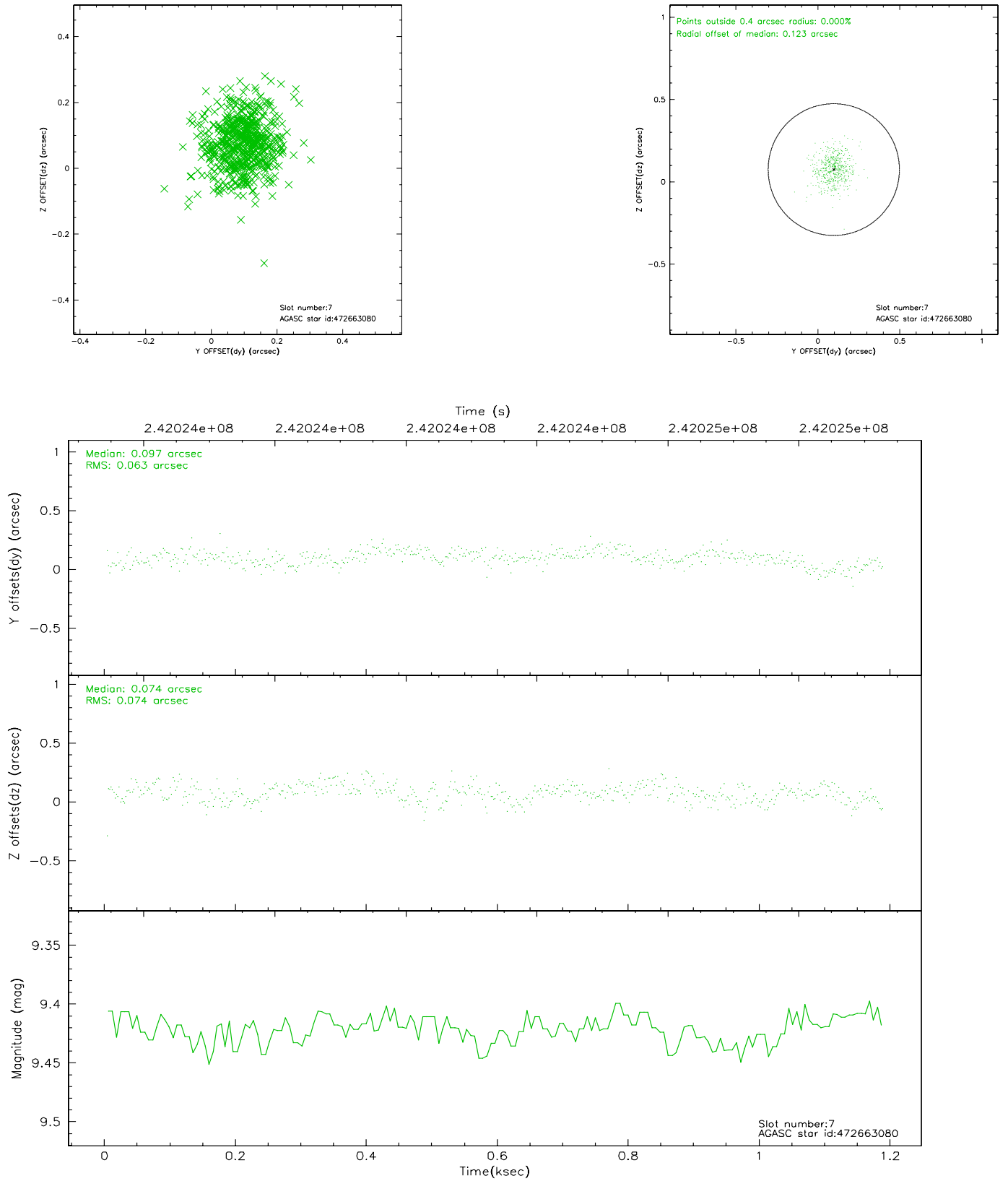
### 2.4.3 Slot 5



## 2.4.4 Slot 6

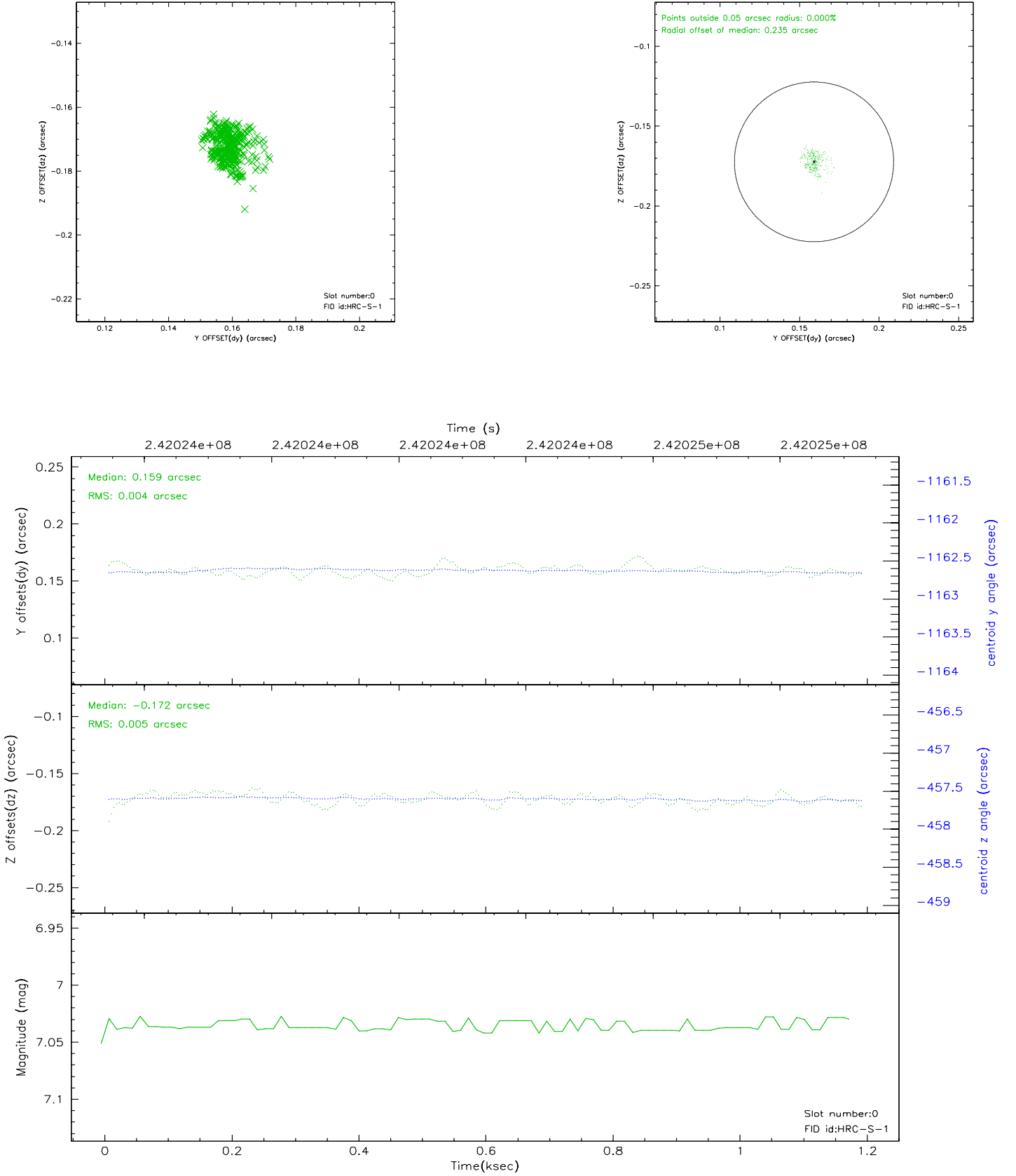


## 2.4.5 Slot 7

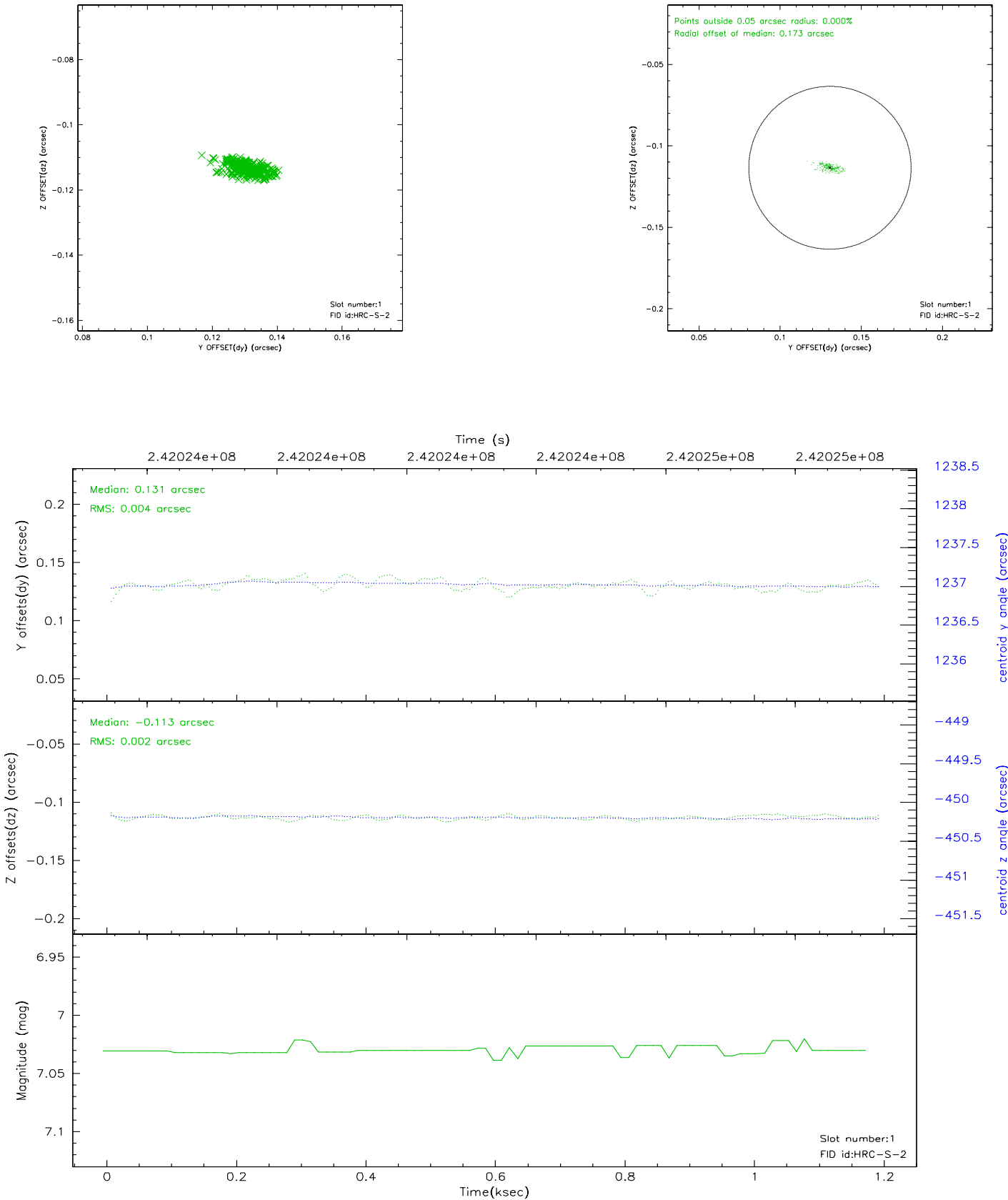


## 2.5 FID Slots

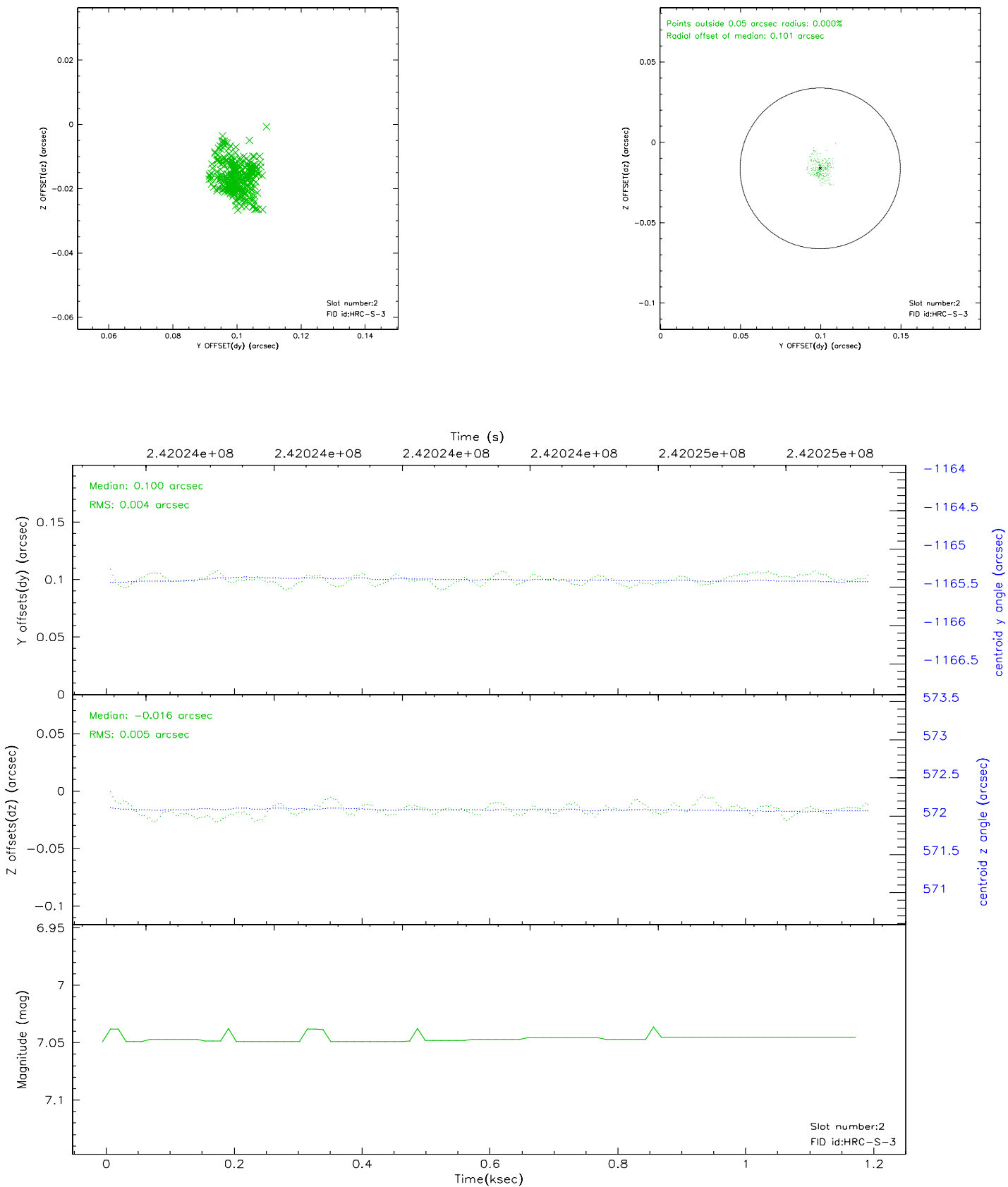
### 2.5.1 Slot 0



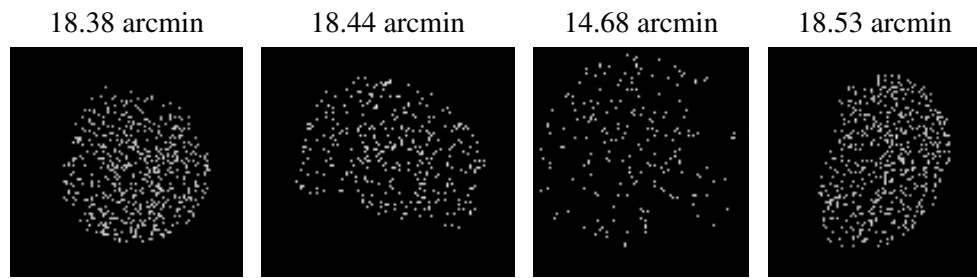
2.5.2 Slot 1



### 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	1.157225

### A.2 Comments