

# V&V Reference Report

## L2 ASCDS Version : 7.6.7.1

Observation 6003 - L2 Version 002  
Chandra X-Ray Center

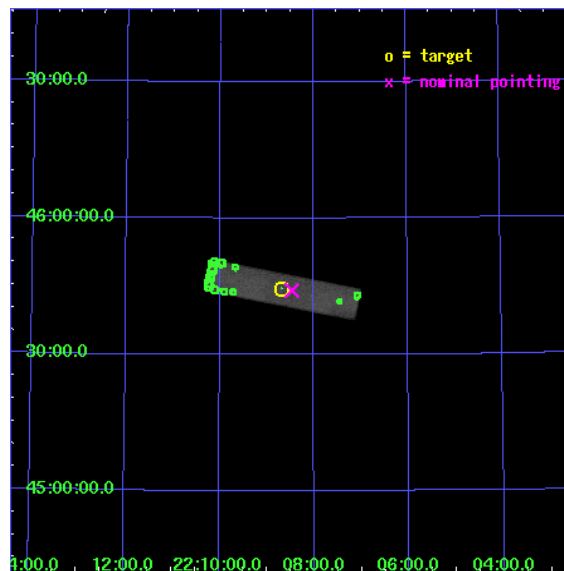
L2 Processing Date : Mar 23 2006

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# 1 Front

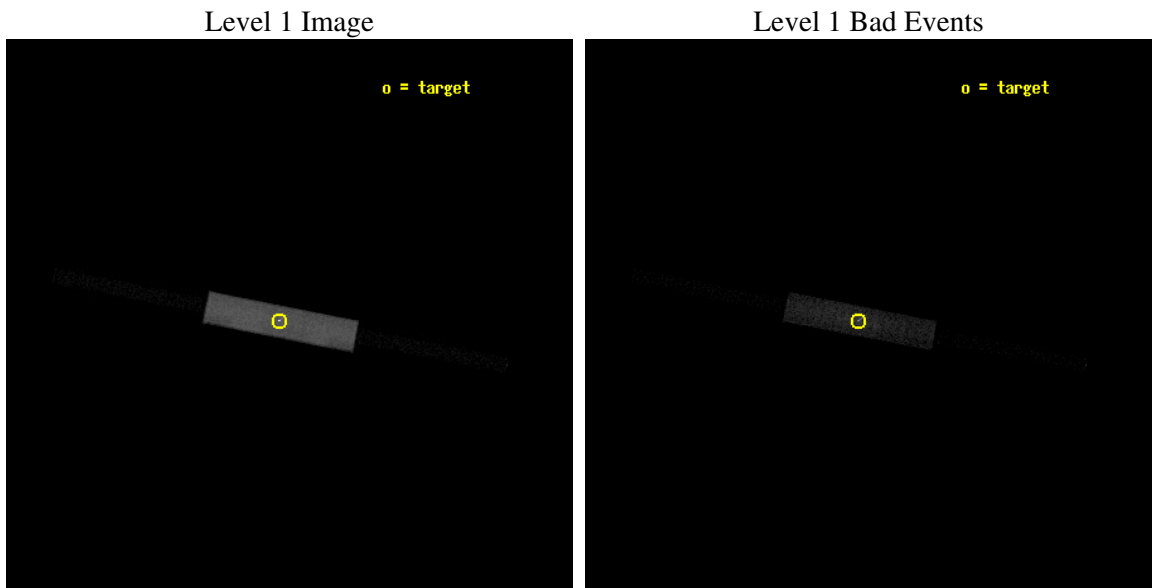
seq_num	290495
obs_id	6003
title	AO6B Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain
observer	Dr. CXC Calibration
object	ArLac
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.11614984506
dec_nom	45.735992991443
roll_nom	191.00128651984
revision	2
ontime	1151.331302911
livetime	1136.0795789309
l2events	91863



## 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	2006-03-23T14:43:22
revision	2

sched_exp_time	1000.000000
ontime	1180.0313042104
l1events	145777

### 2.1.3 Events

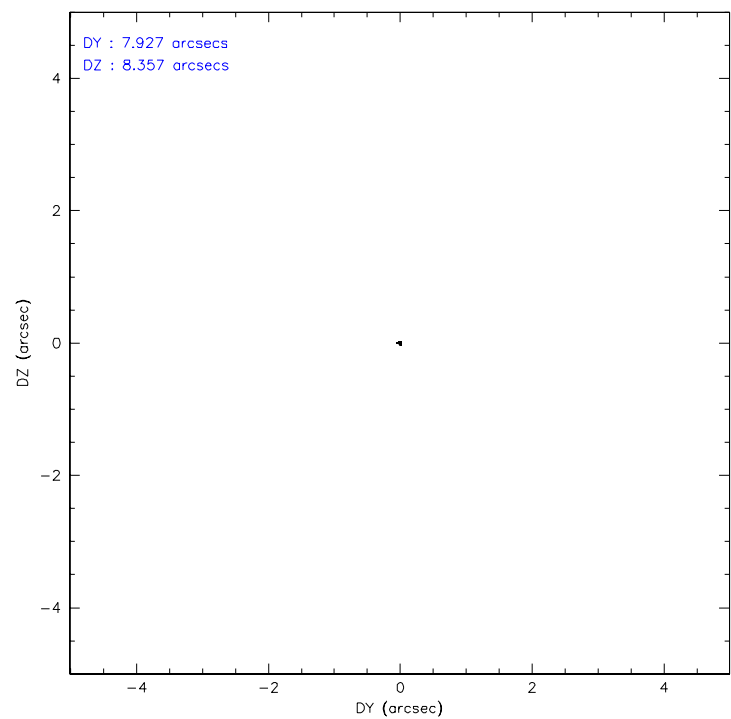
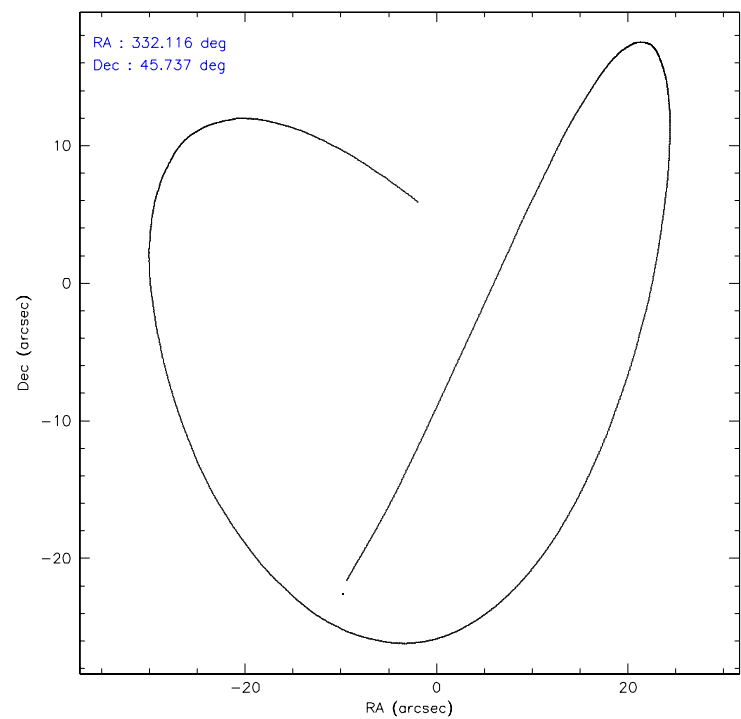
Level 1 Events

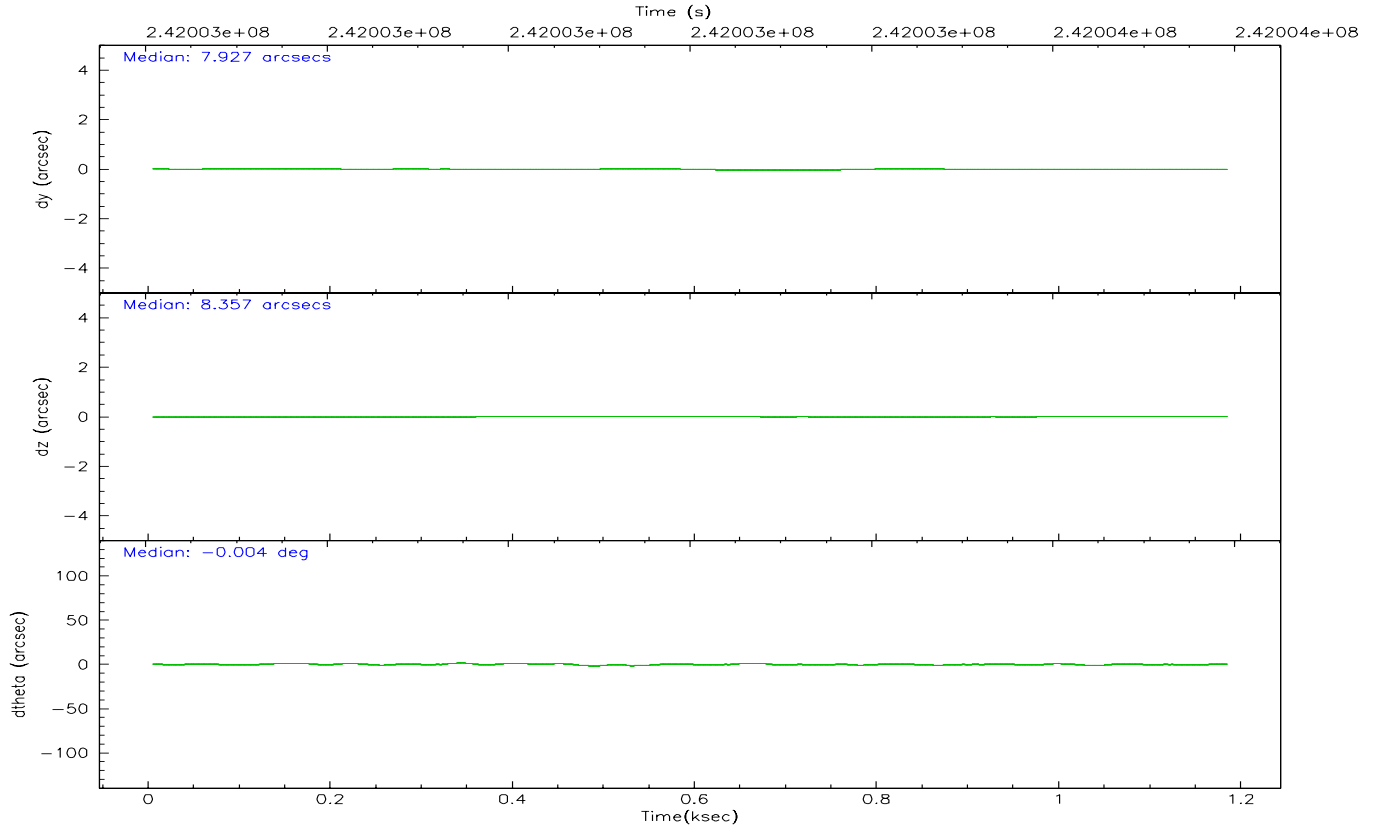
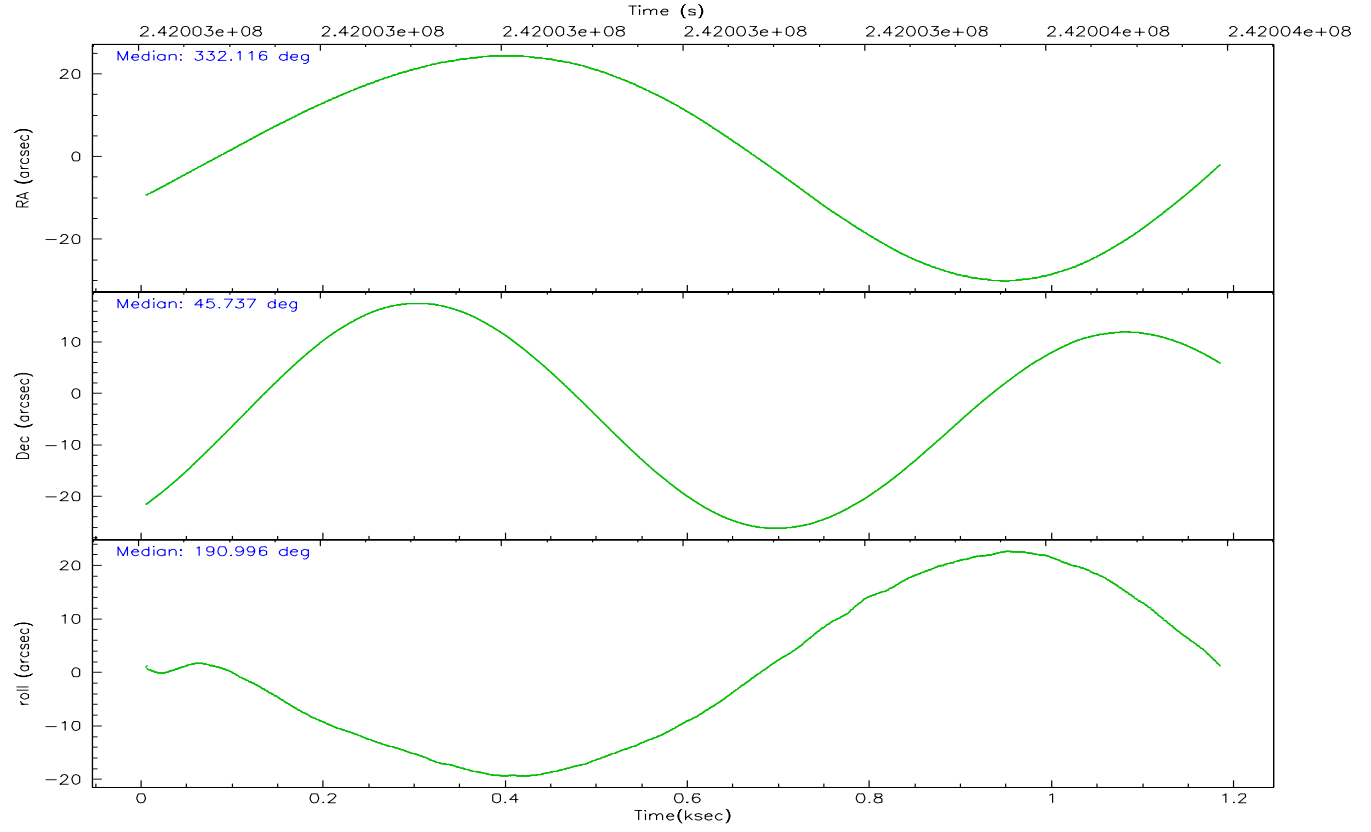
	<b>segment 1</b>	<b>segment 2</b>	<b>segment 3</b>
level 1 events	1662	142656	1459
rejected events	1662	46531	1450
rejected %	100%	32%	99%

## 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	332.146051	332.1161498450626			
Pointing Dec	45.755037	45.73599299144316			
Pointing Roll	190.912545	191.001286519841			
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	242002794.184000	242002418.28364			
Observation start date	2005-09-01T22:58:50	2005-09-01T22:53:38			
Observation end time	242003794.184000	242003928.10871			
Observation end date	2005-09-01T23:15:30	2005-09-01T23:18:48			

2.3 Aspect





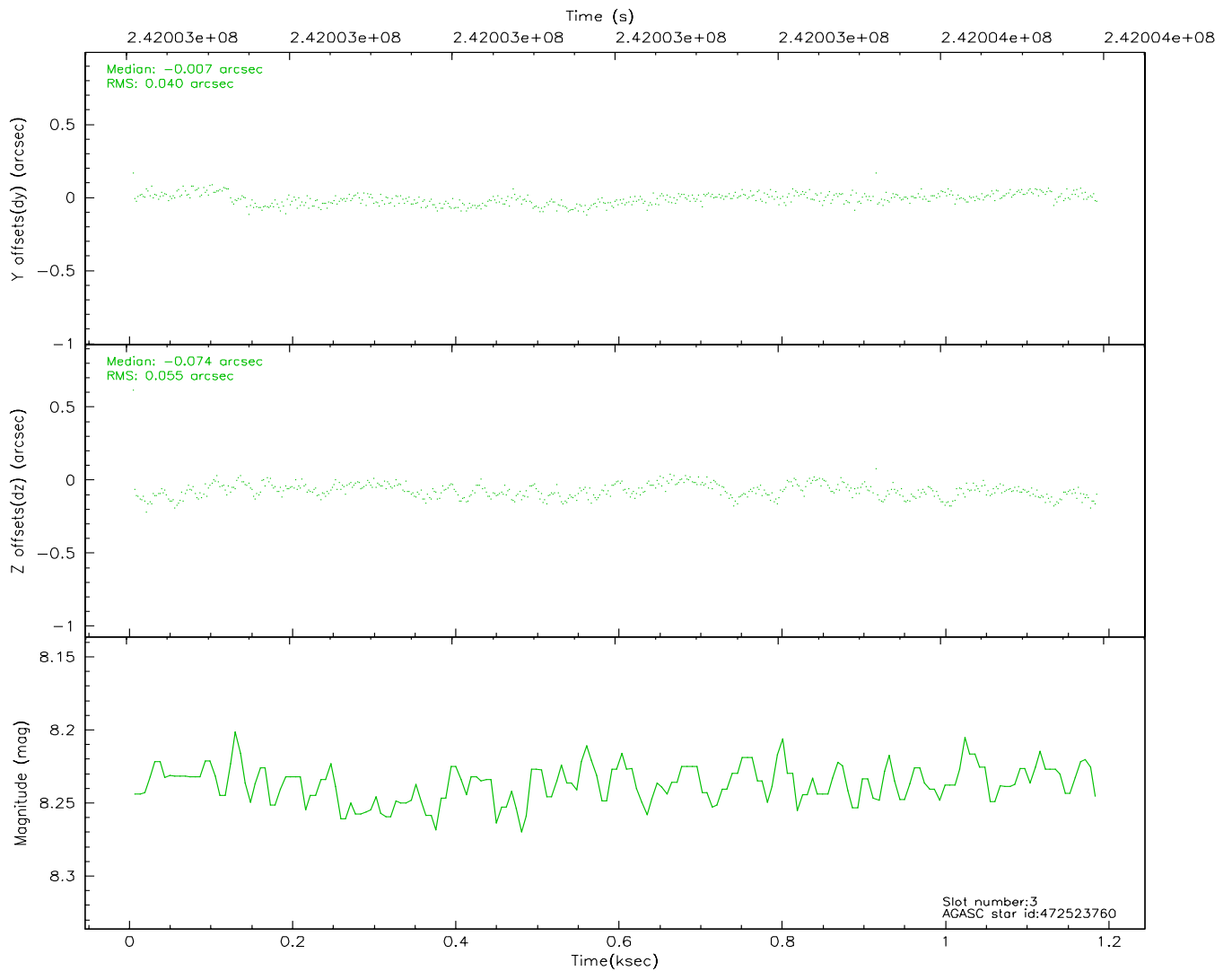
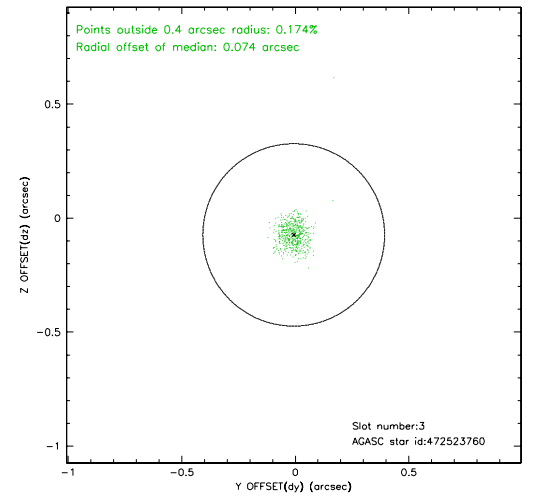
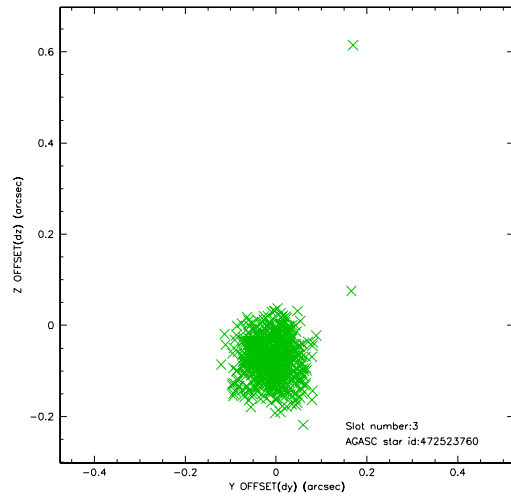
### Slot Statistics

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	-0.145	0.008	0.014	0.000000	0.000000	-1162.09	-456.99
1	FID	HRC-S-2	7.04	288	0.159	-0.118	0.005	0.008	0.000000	0.000000	1233.58	-451.18
2	FID	HRC-S-3	7.04	288	0.090	-0.040	0.008	0.013	0.000000	0.000000	-1160.58	571.08
3	GUIDE	472523760	8.24	576	-0.007	-0.074	0.066	0.104	331.645363	45.403260	1481.52	1003.15
4	GUIDE	472527720	6.99	577	-0.153	-0.085	0.070	0.129	331.460205	45.112509	2149.61	1939.04
5	GUIDE	472535576	7.86	577	-0.163	0.113	0.059	0.091	331.438373	46.291802	1364.96	-2231.76
6	GUIDE	472655152	9.45	577	0.121	0.056	0.102	0.157	332.504239	45.862991	-953.33	-214.43
7	GUIDE	472665256	9.00	575	0.201	0.002	0.077	0.121	332.808125	46.195041	-1922.64	-1247.37

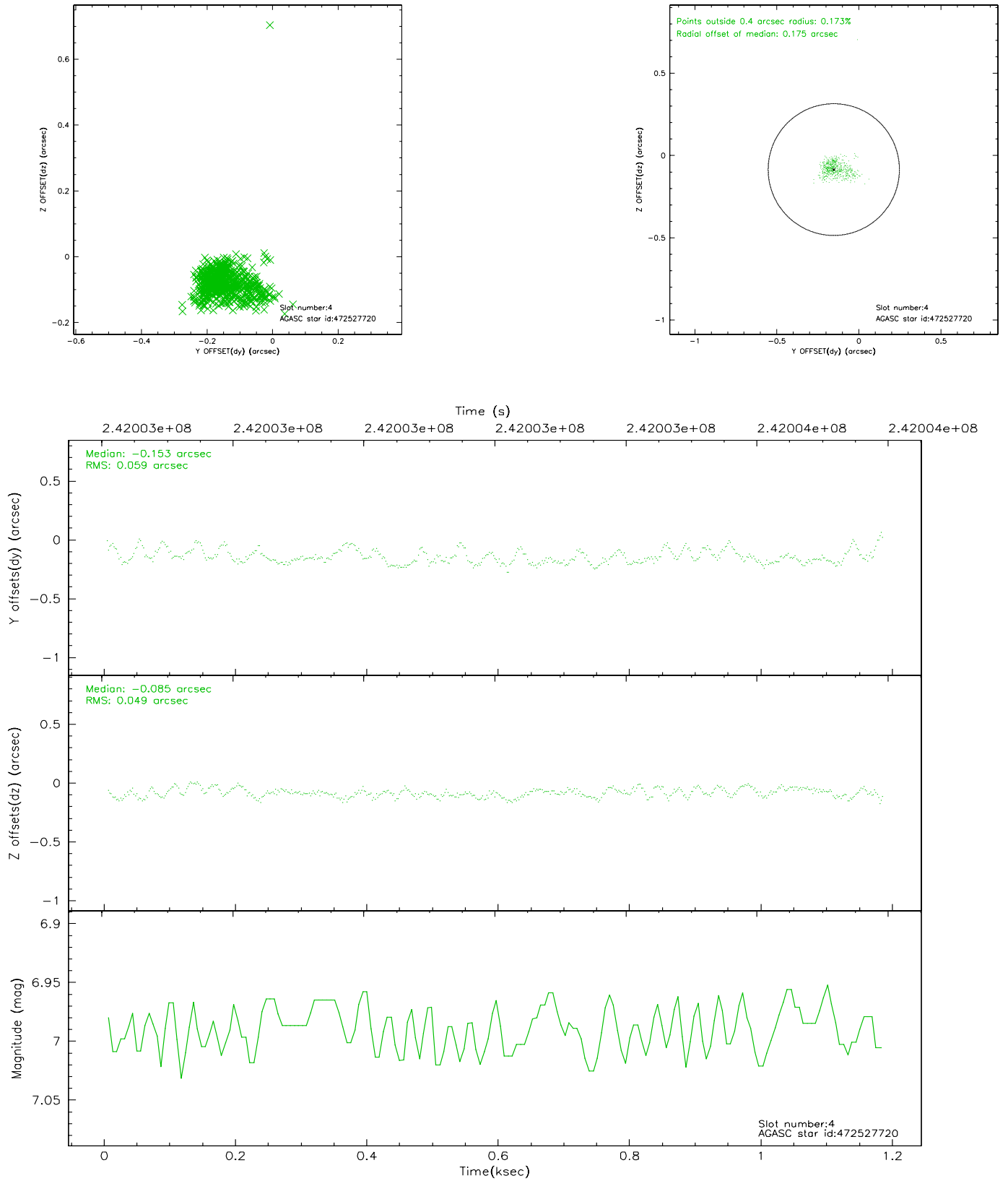


## 2.4 Star Slots

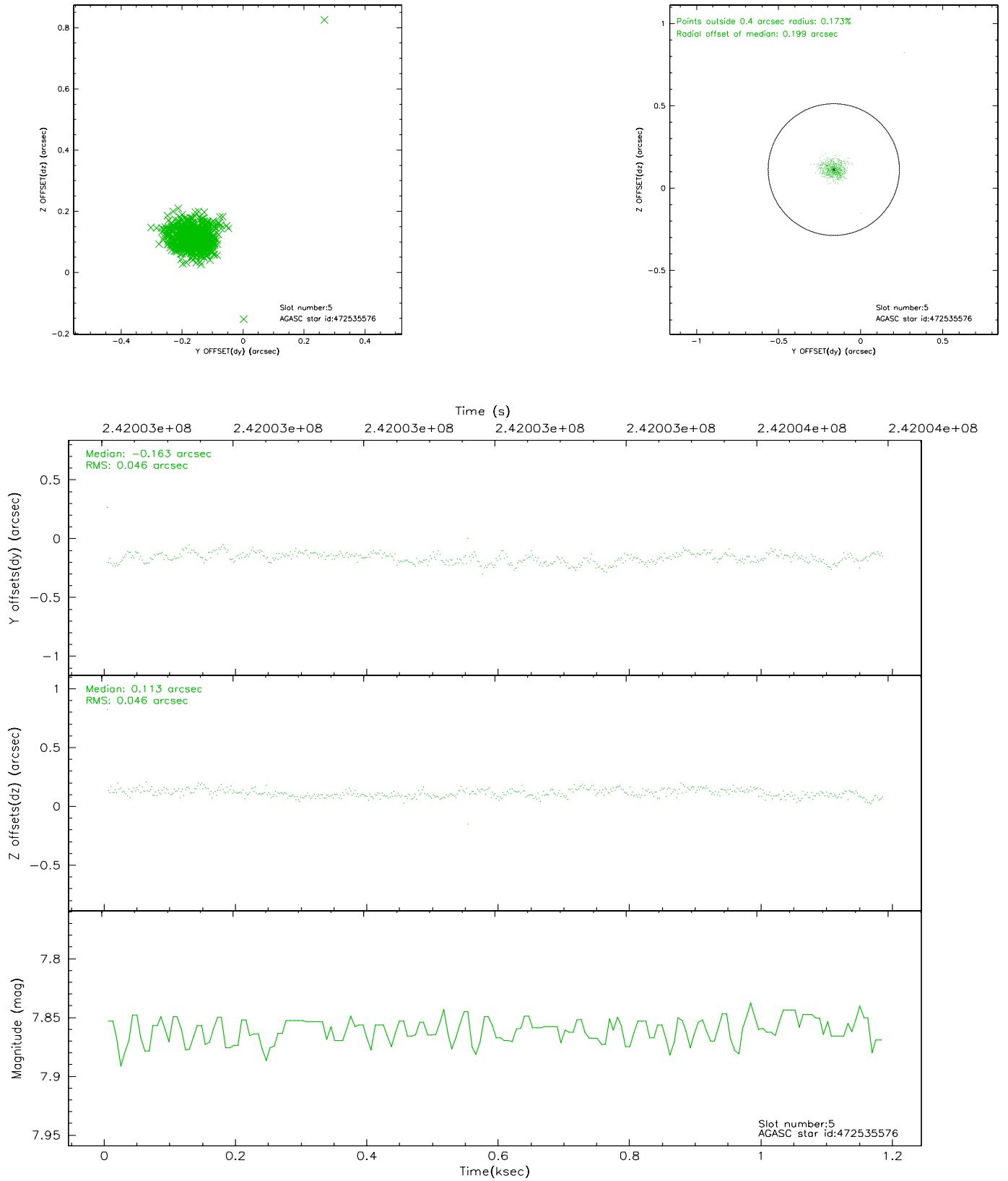
### 2.4.1 Slot 3



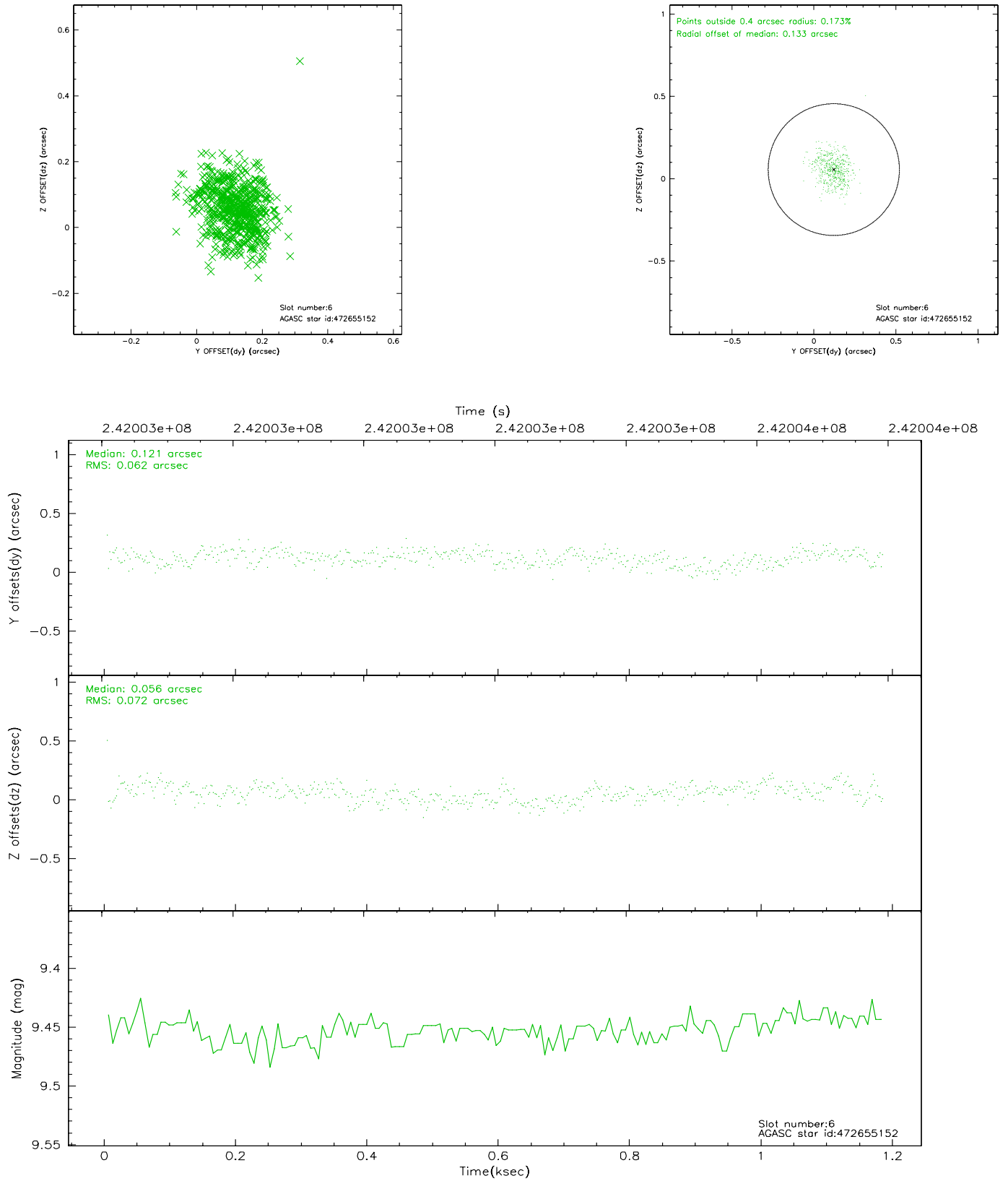
## 2.4.2 Slot 4



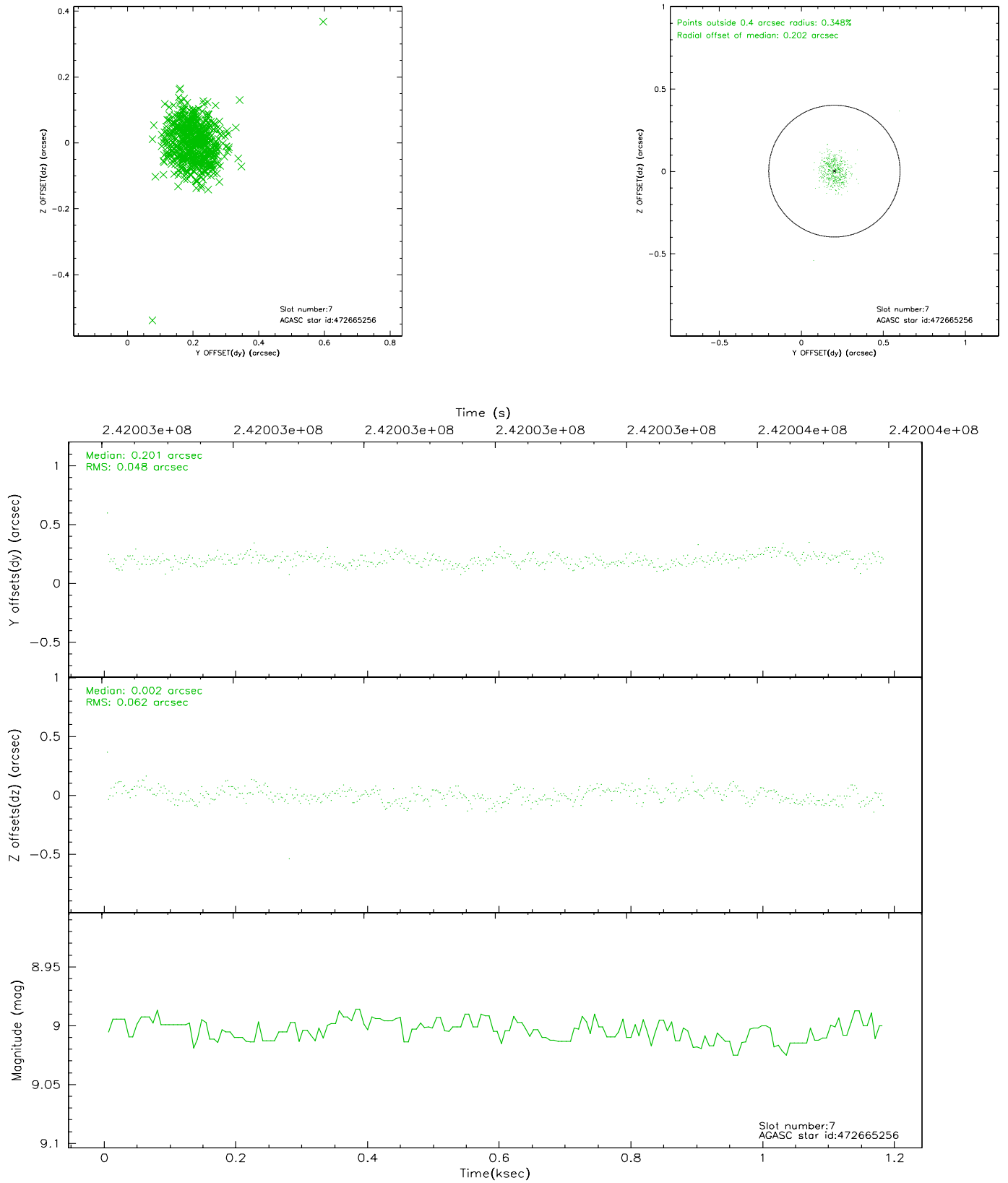
### 2.4.3 Slot 5



## 2.4.4 Slot 6

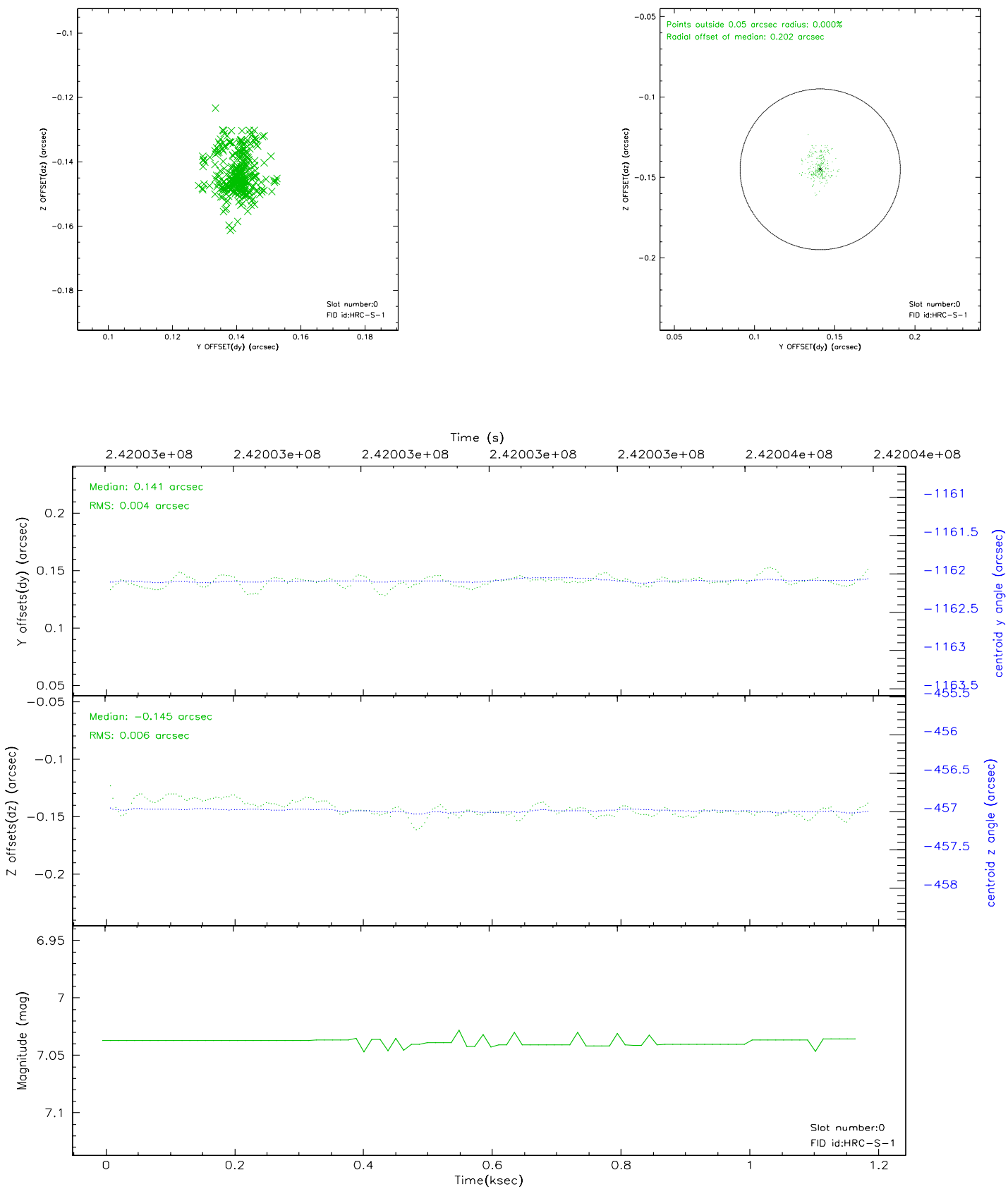


## 2.4.5 Slot 7

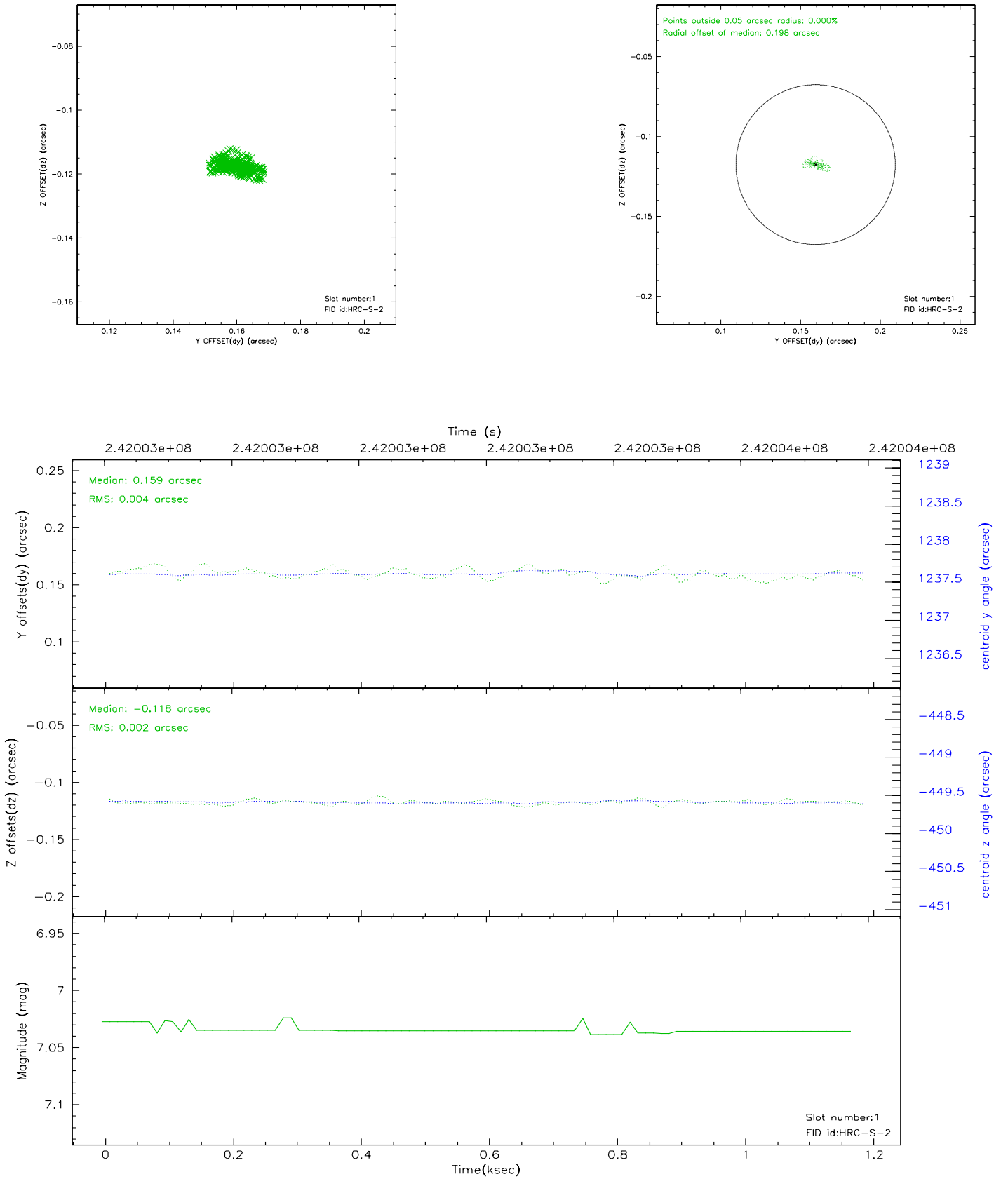


## 2.5 FID Slots

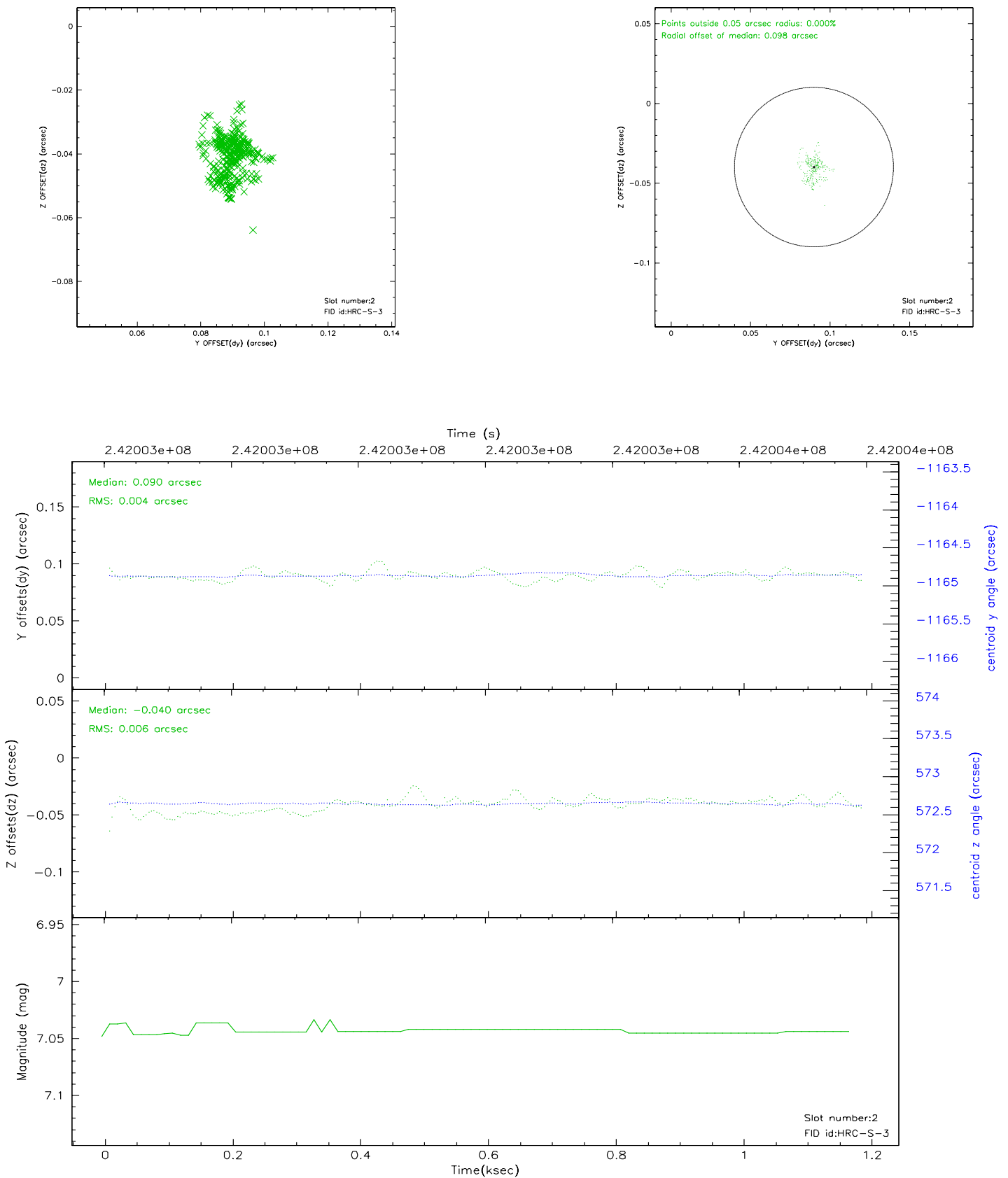
### 2.5.1 Slot 0



## 2.5.2 Slot 1

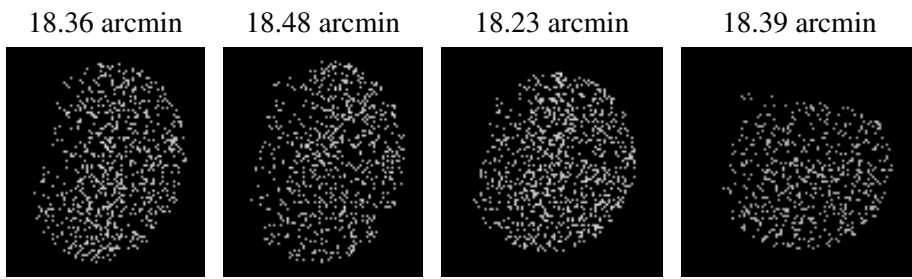


### 2.5.3 Slot 2





### 3 Point Sources



## A Summary

### A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.03.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.151075

### A.2 Comments