

# V&V Reference Report

## L2 ASCDS Version : 7.6.8.1

Observation 2644 - L2 Version 001  
Chandra X-Ray Center

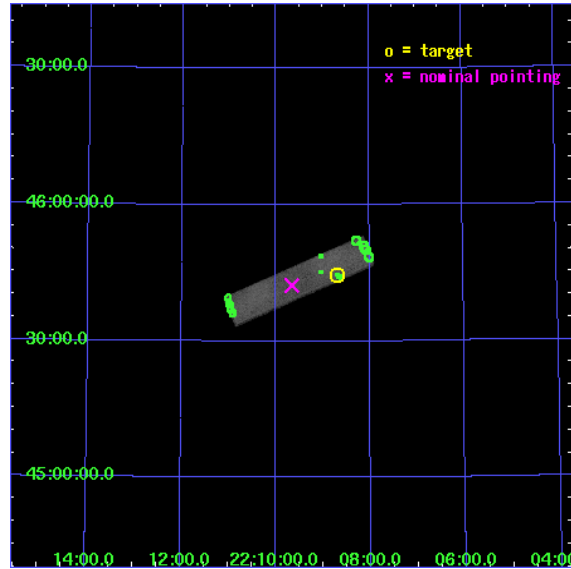
L2 Processing Date : Aug 29 2006

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# 1 Front

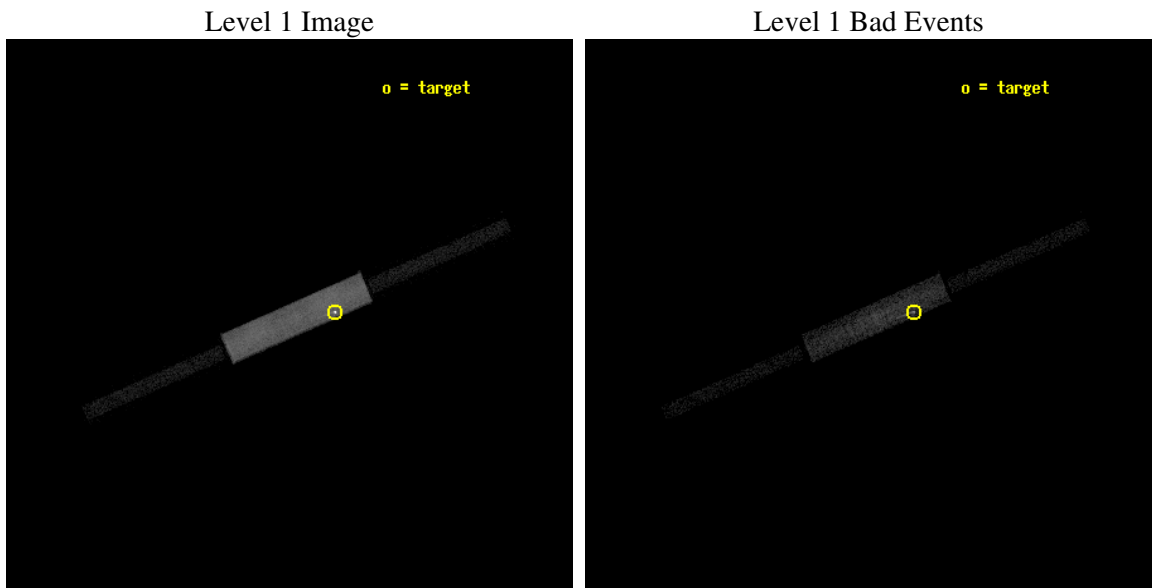
seq_num	290200
obs_id	2644
title	AO3A HRC-S CALIBRATION OBSERVATION: MINI-SCAN OF ARLAC
observer	Dr. CXC Calibration
object	ARLAC
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.41426177325
dec_nom	45.704694971553
roll_nom	336.24872081972
revision	2
ontime	1141.0812959671
livetime	1132.3479399176
l2events	62961



## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



### 2.1.2 Parameters

obi_num	1
ascdsver	7.6.8.1
caldbver	3.2.3
date	2006-08-29T05:21:49
revision	2

sched_exp_time	1000.000000
ontime	1195.1500481516
l1events	110150

### 2.1.3 Events

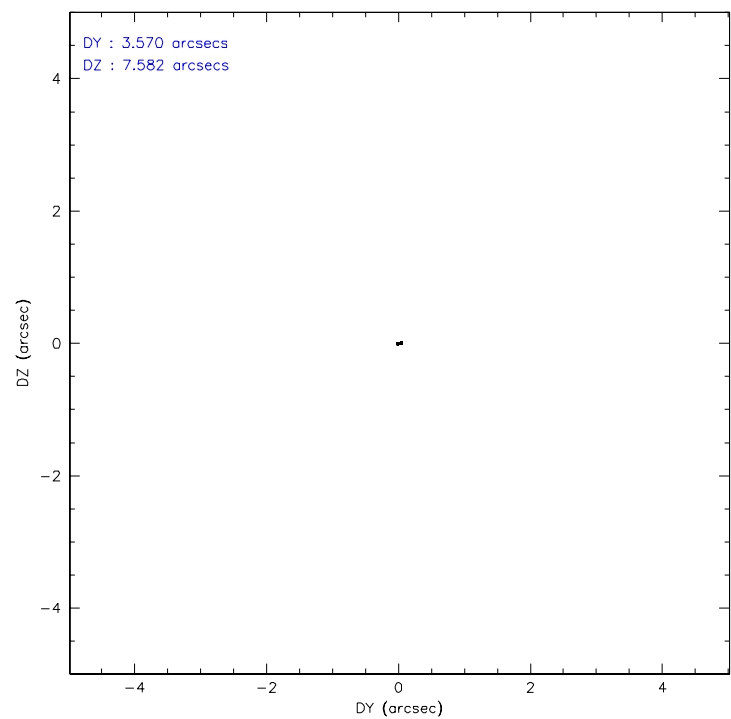
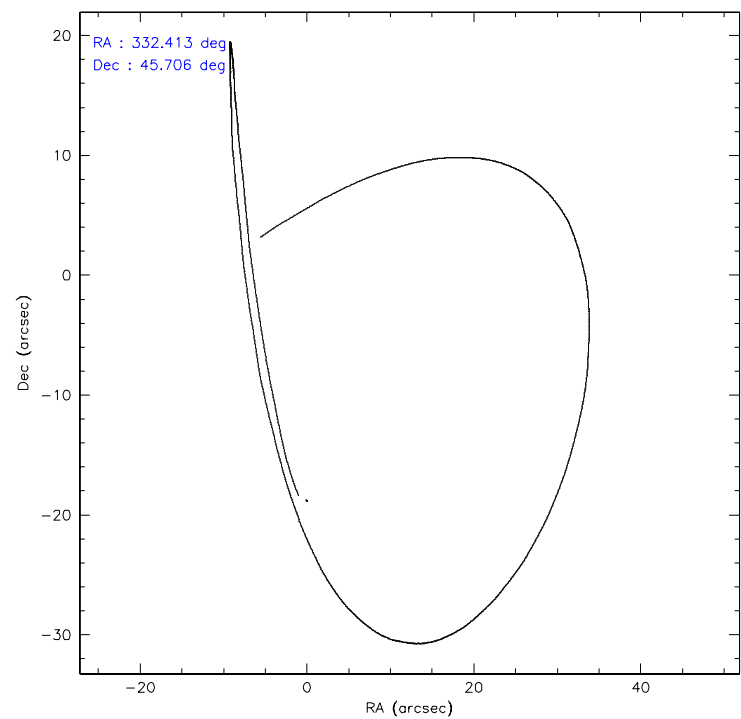
Level 1 Events

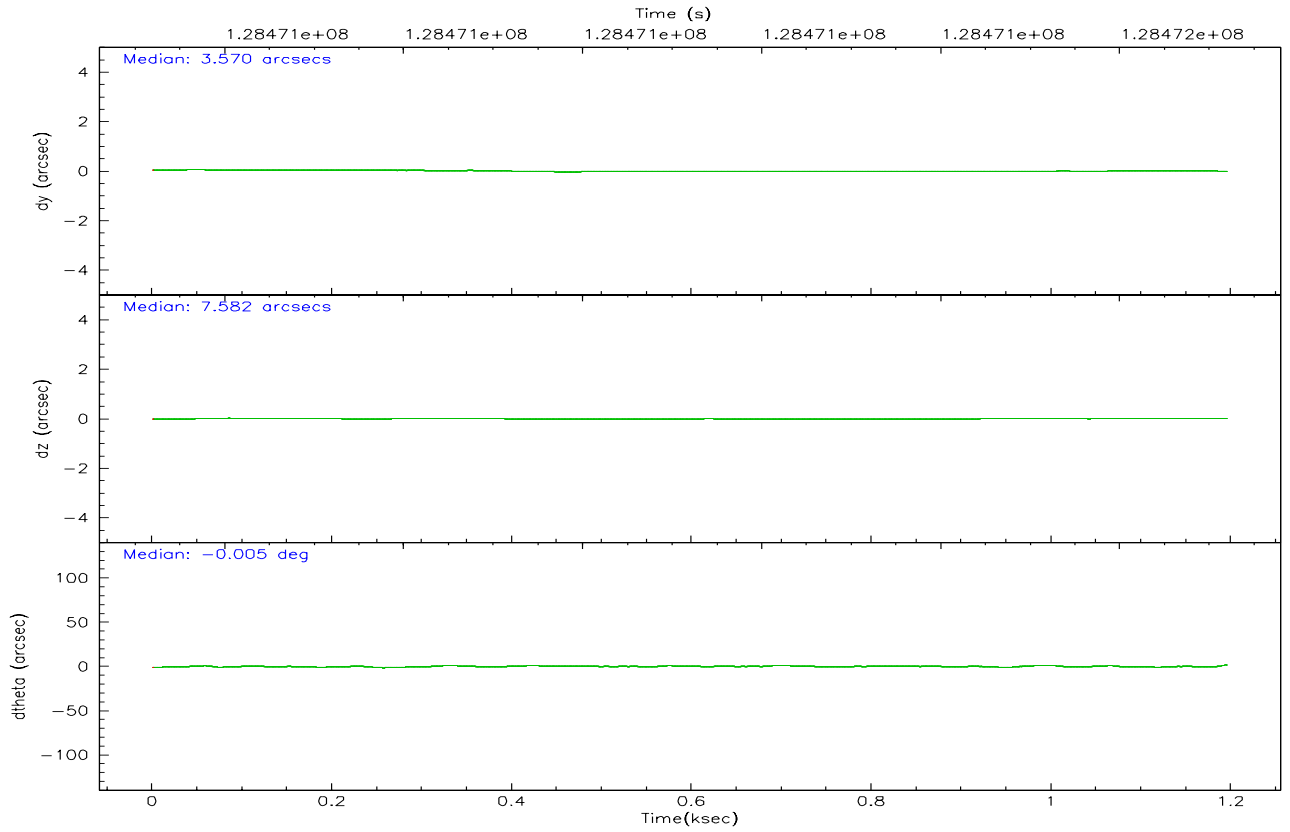
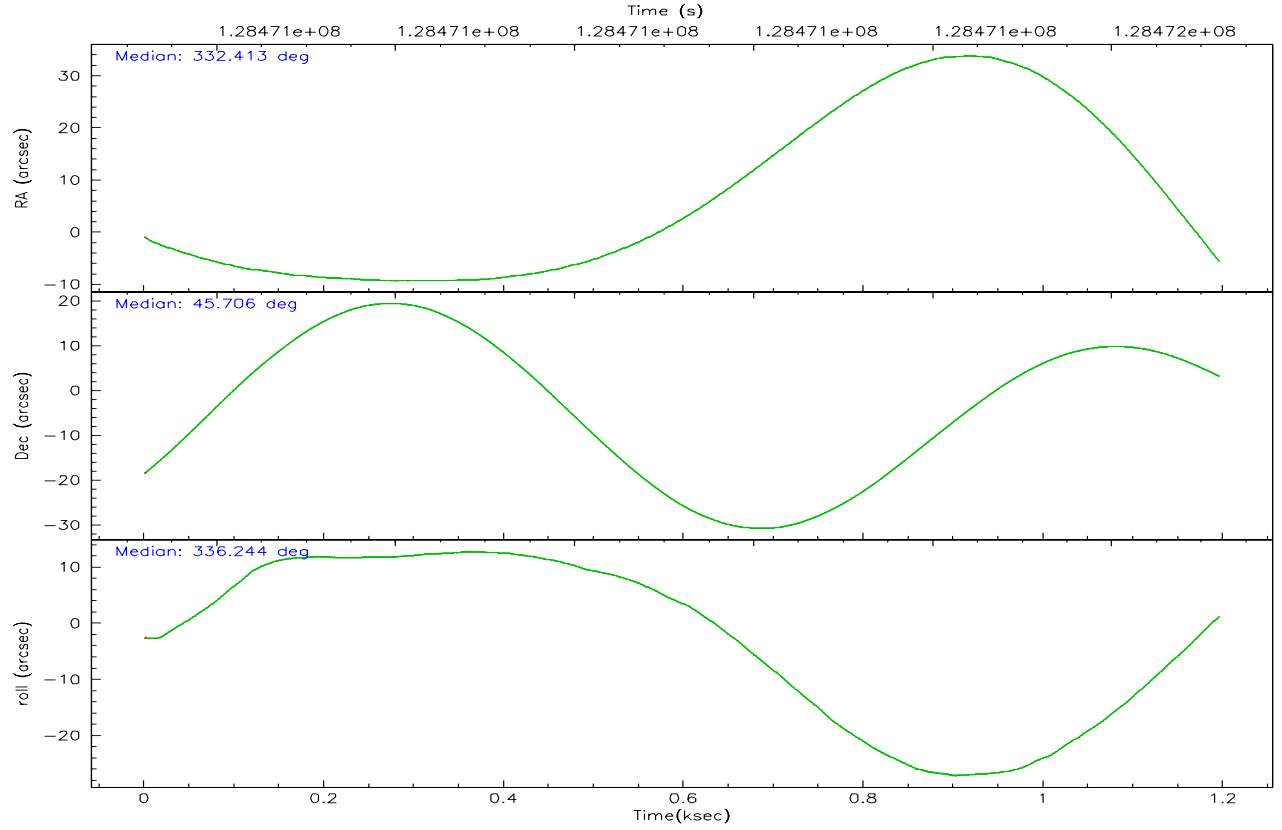
	<b>segment 1</b>	<b>segment 2</b>	<b>segment 3</b>
level 1 events	3428	103624	3098
rejected events	3428	37778	3098
rejected %	100%	36%	100%

## 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	332.373392	332.4142617732543			
Pointing Dec	45.699223	45.70469497155258			
Pointing Roll	336.210658	336.2487208197203			
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	128470717.184000	128470341.45195			
Observation start date	2002-01-26T22:17:33	2002-01-26T22:12:21			
Observation end time	128471717.184000	128471851.27701			
Observation end date	2002-01-26T22:34:13	2002-01-26T22:37:31			

2.3 Aspect





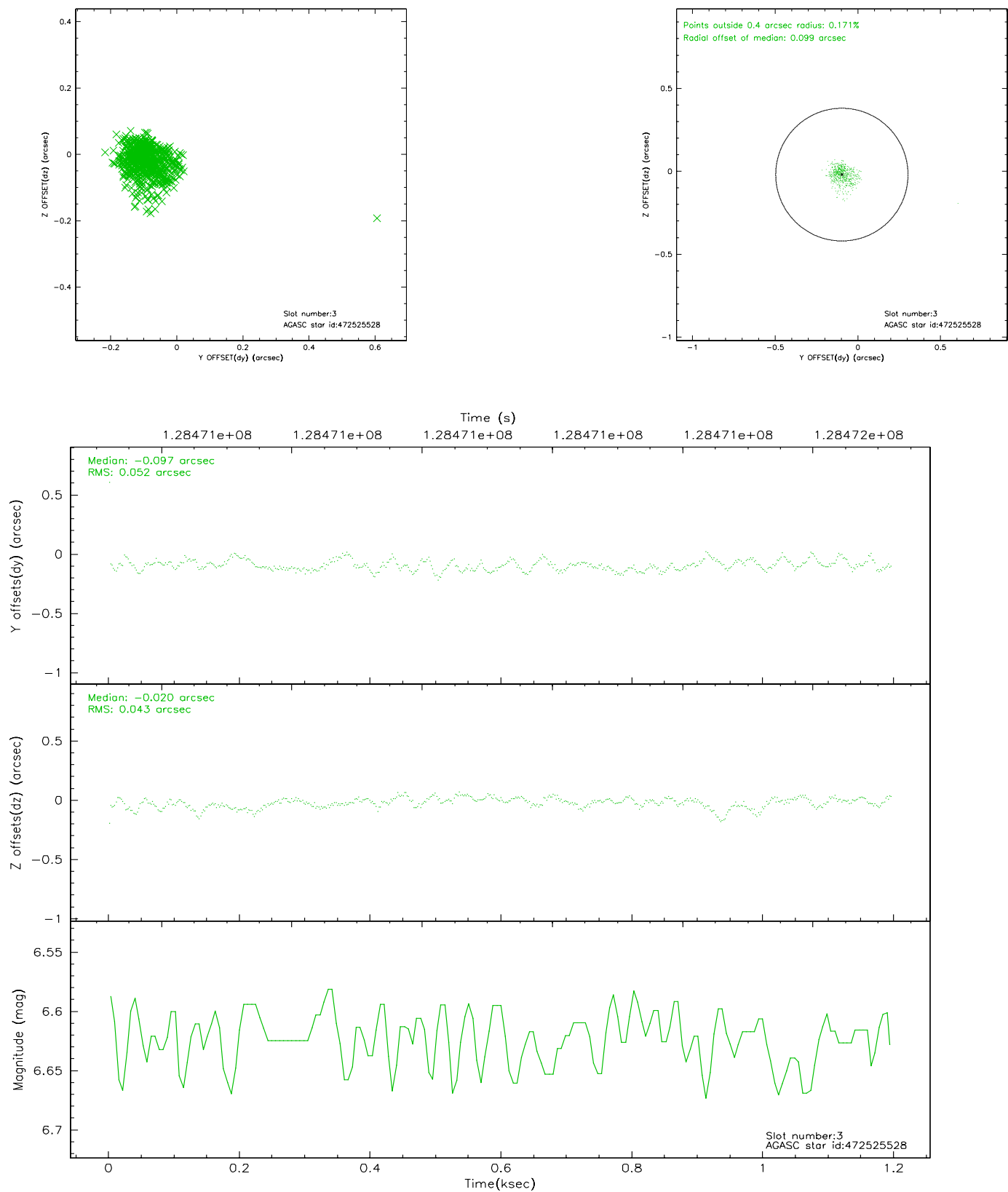
### Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-2	6.99	292	0.075	-0.113	0.007	0.016	0.000000	0.000000	1242.00	-448.75
1	FID	HRC-S-3	7.00	292	0.171	-0.124	0.006	0.011	0.000000	0.000000	-1156.07	571.81
2	FID	HRC-S-4	6.93	292	0.159	-0.058	0.008	0.017	0.000000	0.000000	1236.68	577.99
3	GUIDE	472525528	6.62	584	-0.097	-0.020	0.065	0.107	331.551102	45.248694	-1256.73	-2319.33
4	GUIDE	472523760	8.23	584	-0.054	-0.093	0.073	0.119	331.645363	45.403260	-1259.20	-1717.96
5	GUIDE	472665256	9.01	584	-0.125	-0.007	0.085	0.130	332.808125	46.195041	267.88	2065.90
6	GUIDE	472659832	9.47	583	0.010	0.133	0.133	0.223	332.780399	46.098139	349.91	1725.89
7	GUIDE	472646552	9.63	583	0.273	-0.025	0.108	0.173	333.120915	45.571877	1906.19	347.41

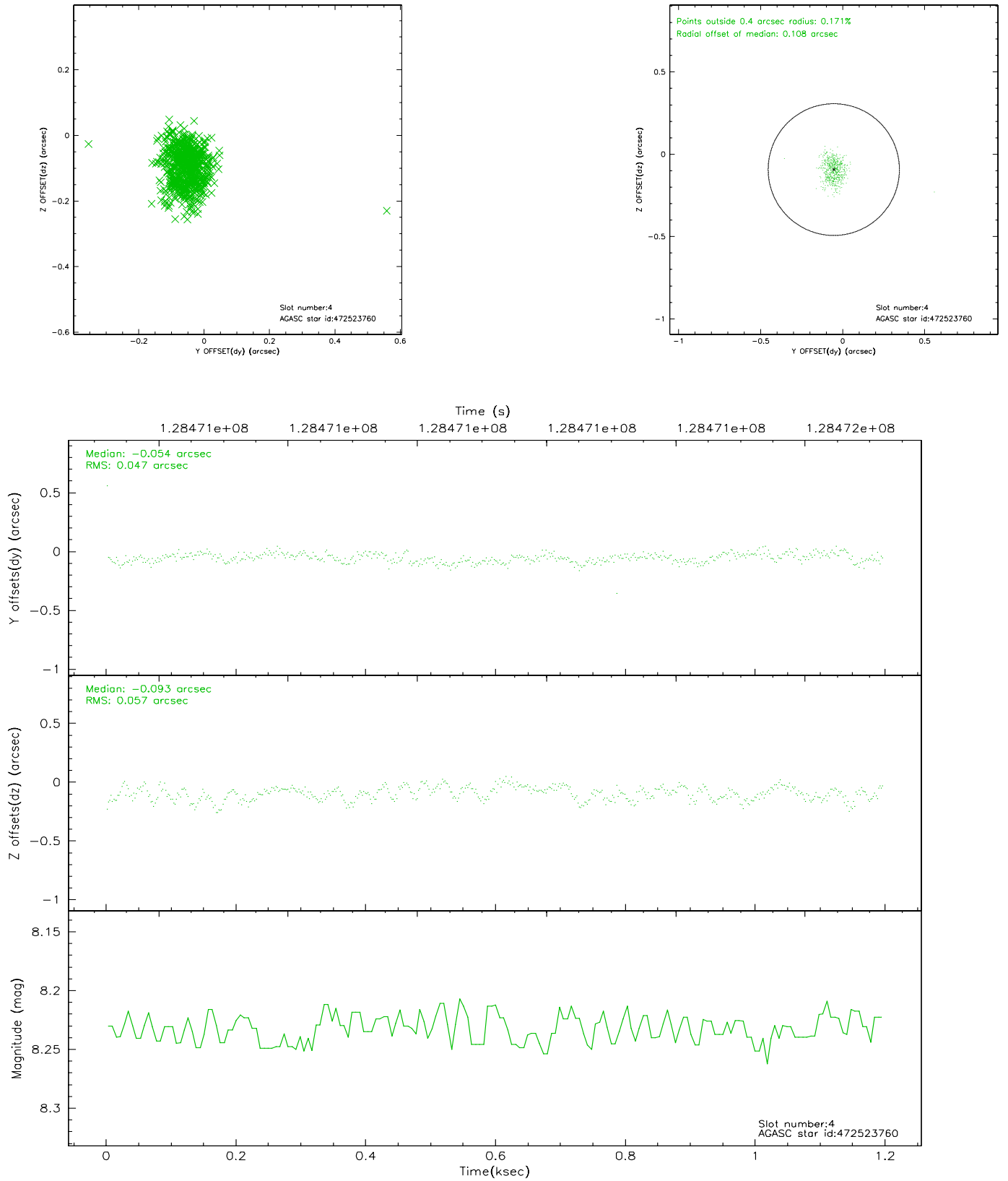


## 2.4 Star Slots

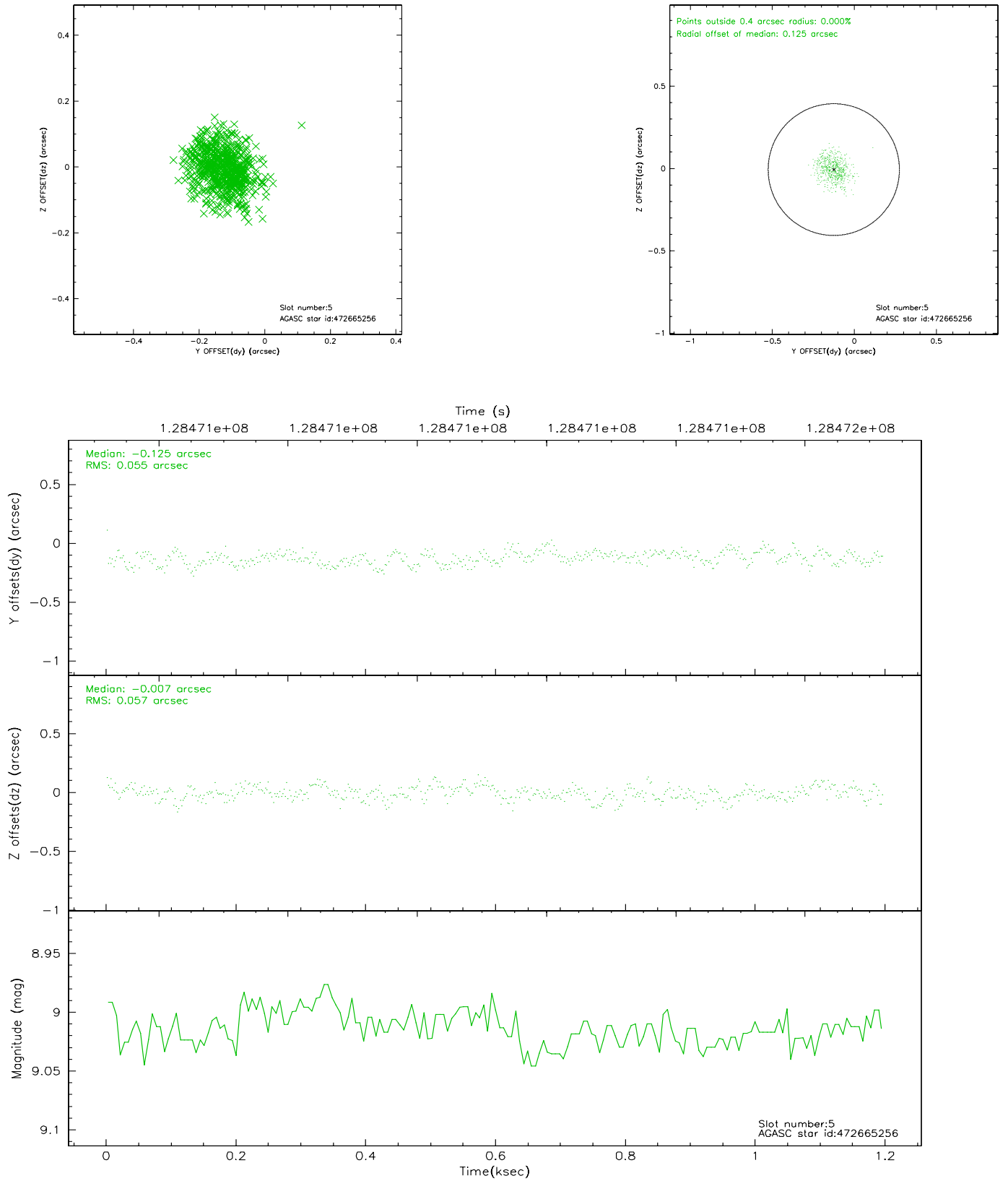
### 2.4.1 Slot 3



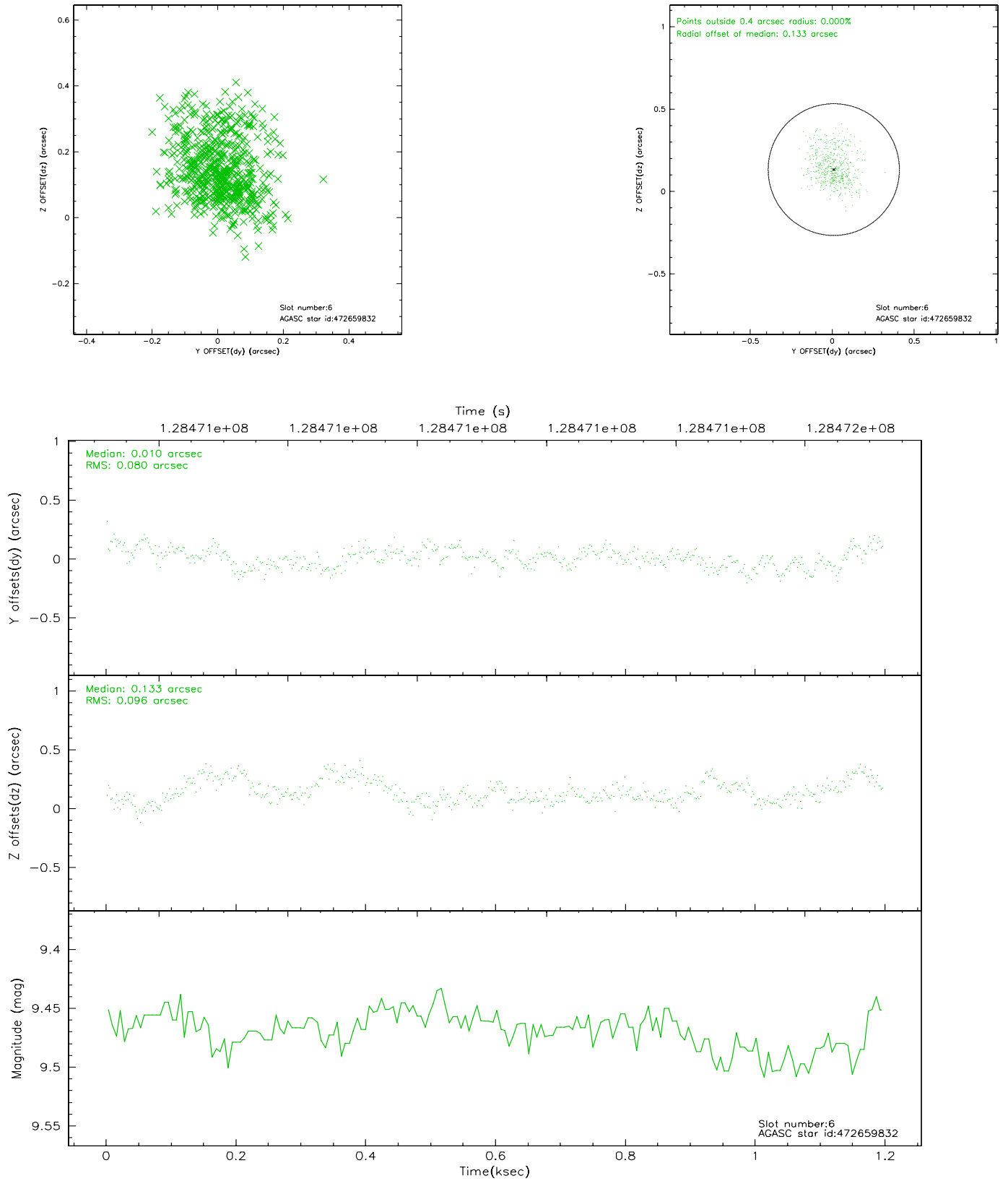
## 2.4.2 Slot 4



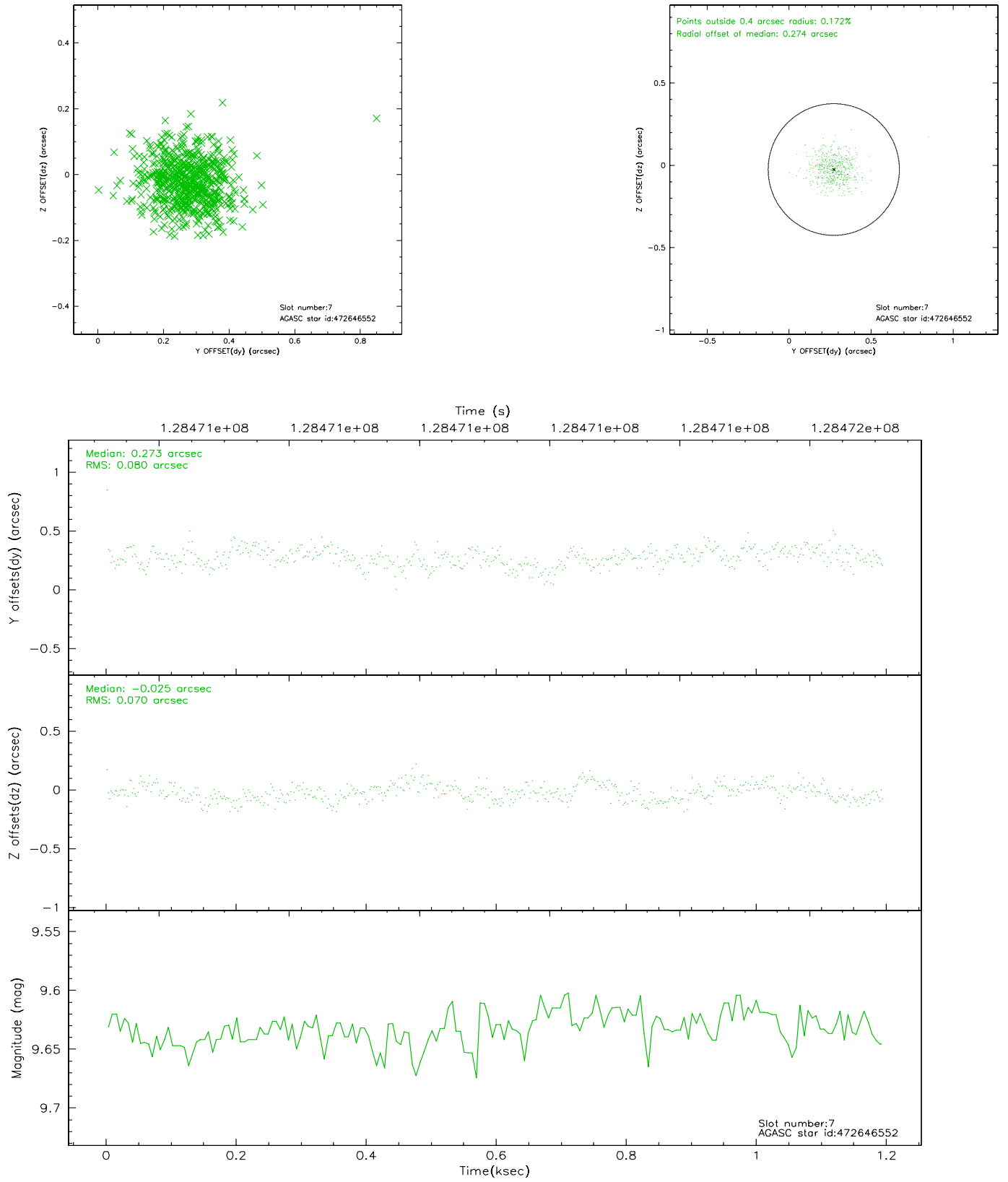
### 2.4.3 Slot 5



## 2.4.4 Slot 6

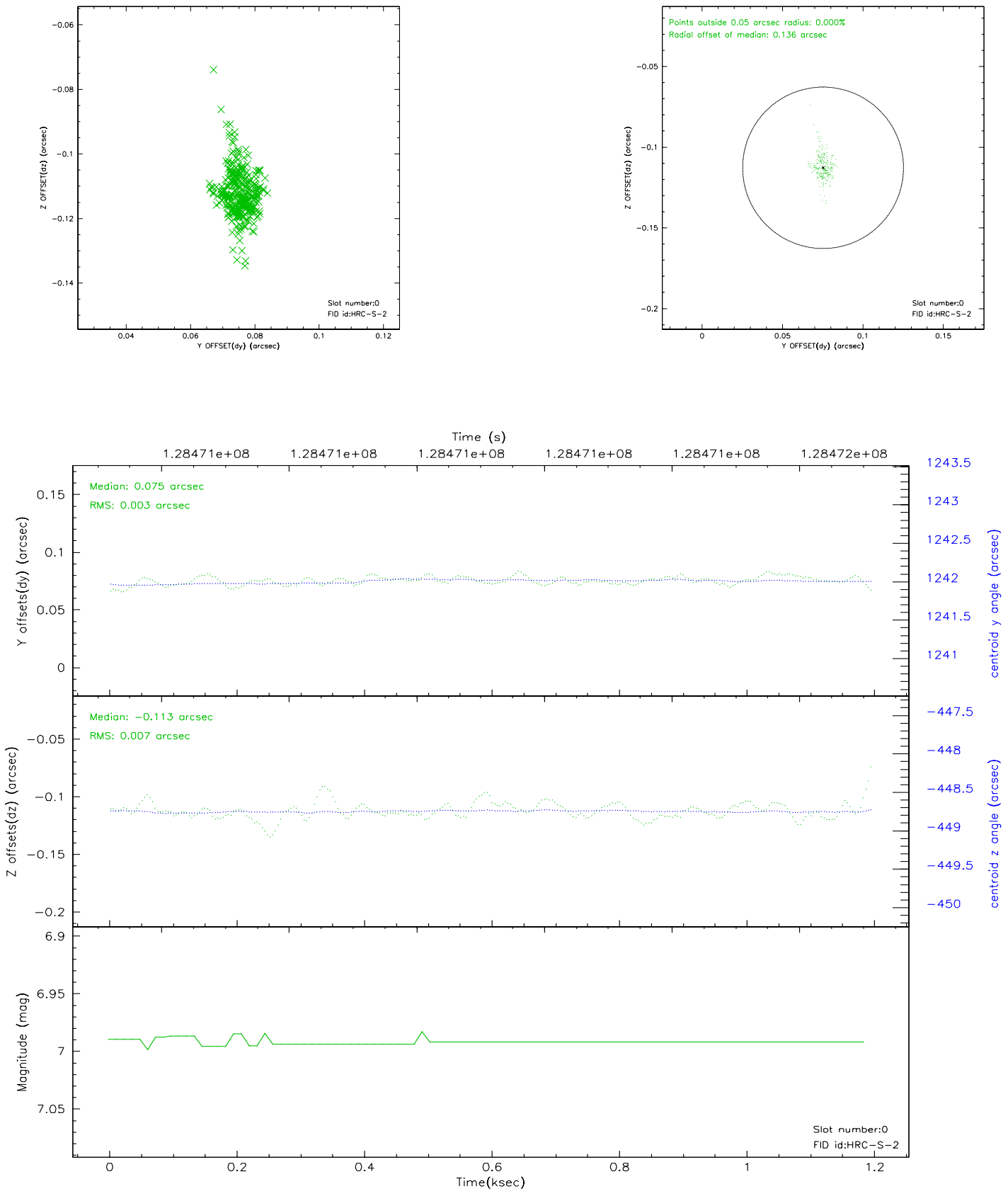


## 2.4.5 Slot 7

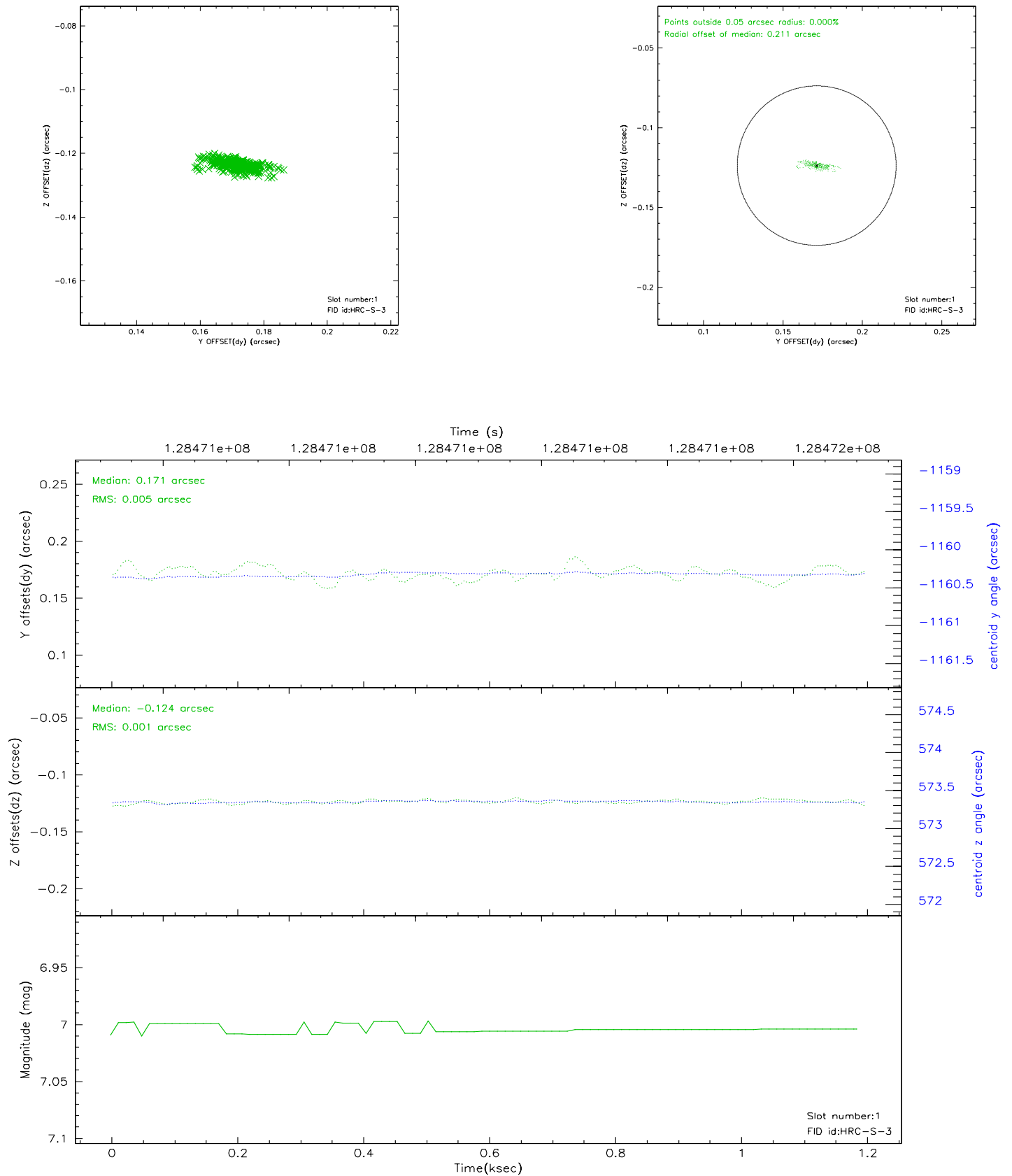


## 2.5 FID Slots

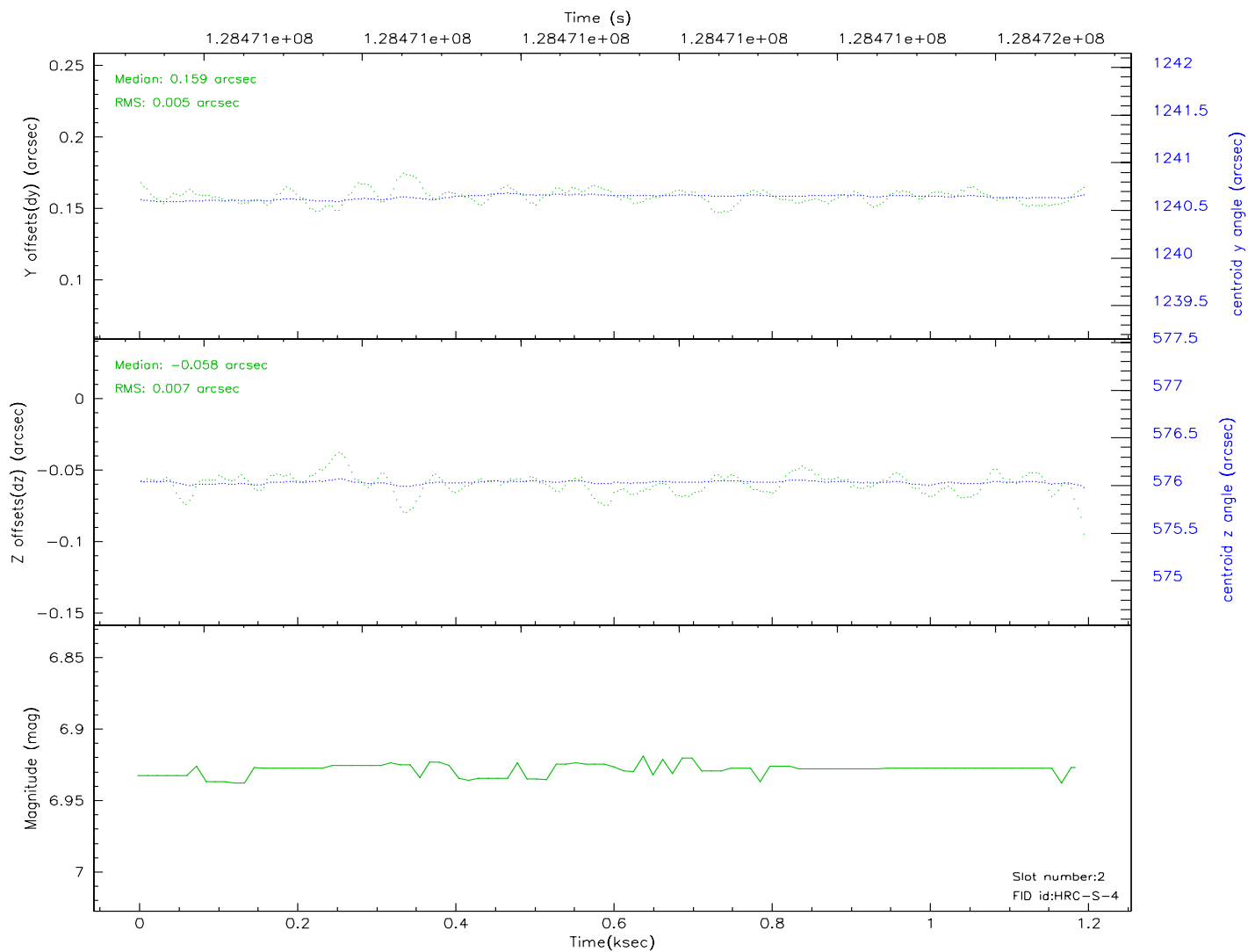
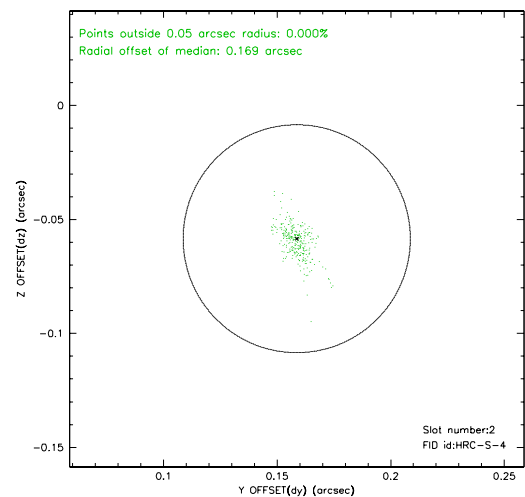
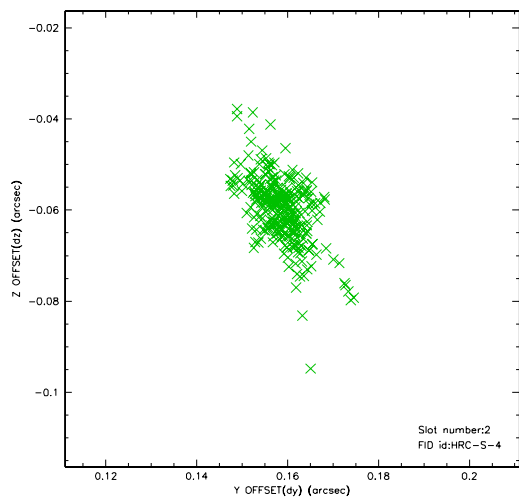
### 2.5.1 Slot 0



## 2.5.2 Slot 1

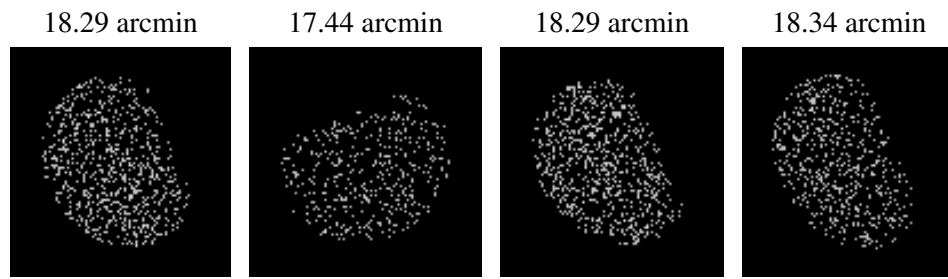


### 2.5.3 Slot 2





### 3 Point Sources



## A Summary

### A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.08.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.194

### A.2 Comments

Monitor constraint met.