

# V&V Reference Report

## L2 ASCDS Version : 7.6.7.1

Observation 6004 - L2 Version 002  
Chandra X-Ray Center

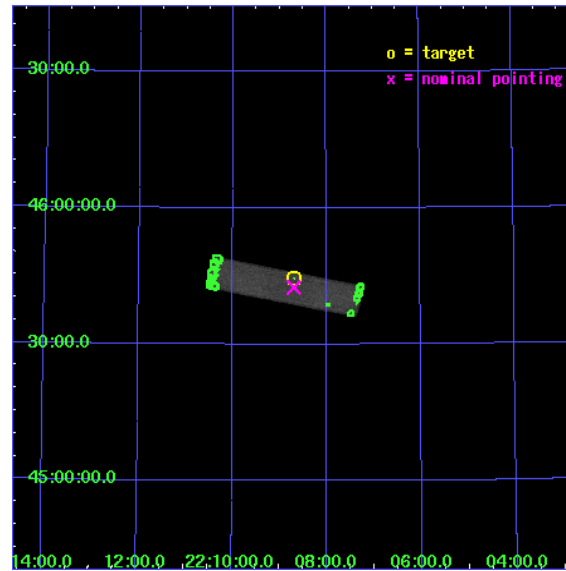
L2 Processing Date : Mar 23 2006

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# 1 Front

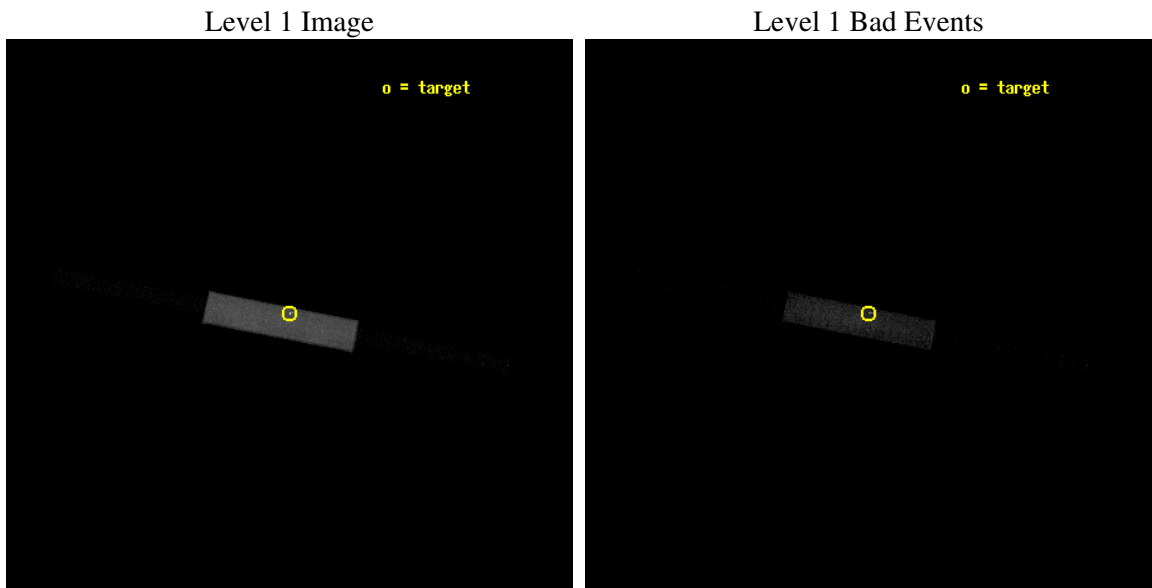
seq_num	290496
obs_id	6004
title	AO6B Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain
observer	Dr. CXC Calibration
object	ArLac
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.17281679844
dec_nom	45.709457529181
roll_nom	190.95616871619
revision	2
ontime	1153.3813029826
livetime	1142.876261893
l2events	68711



## 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	2006-03-23T14:46:56
revision	2

sched_exp_time	1000.000000
ontime	1184.900054425
l1events	116955

### 2.1.3 Events

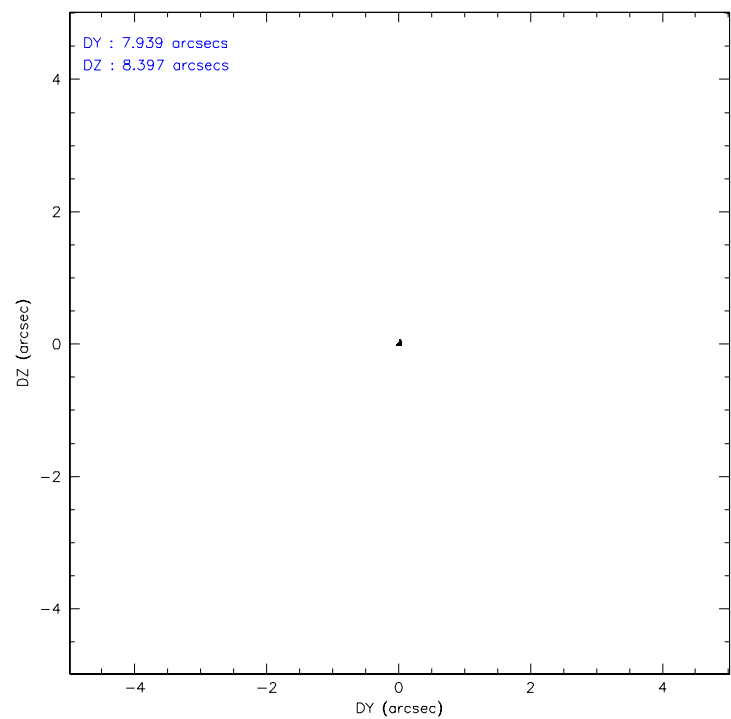
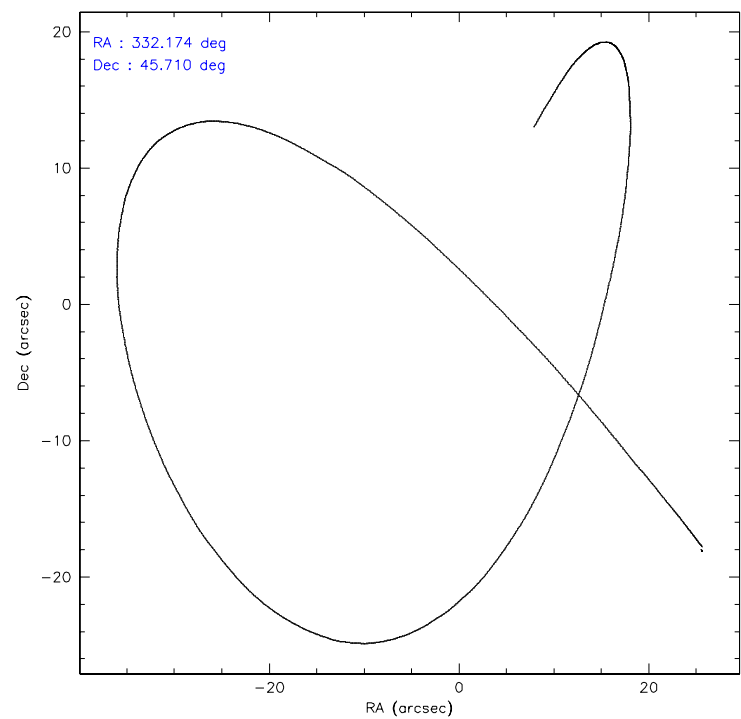
Level 1 Events

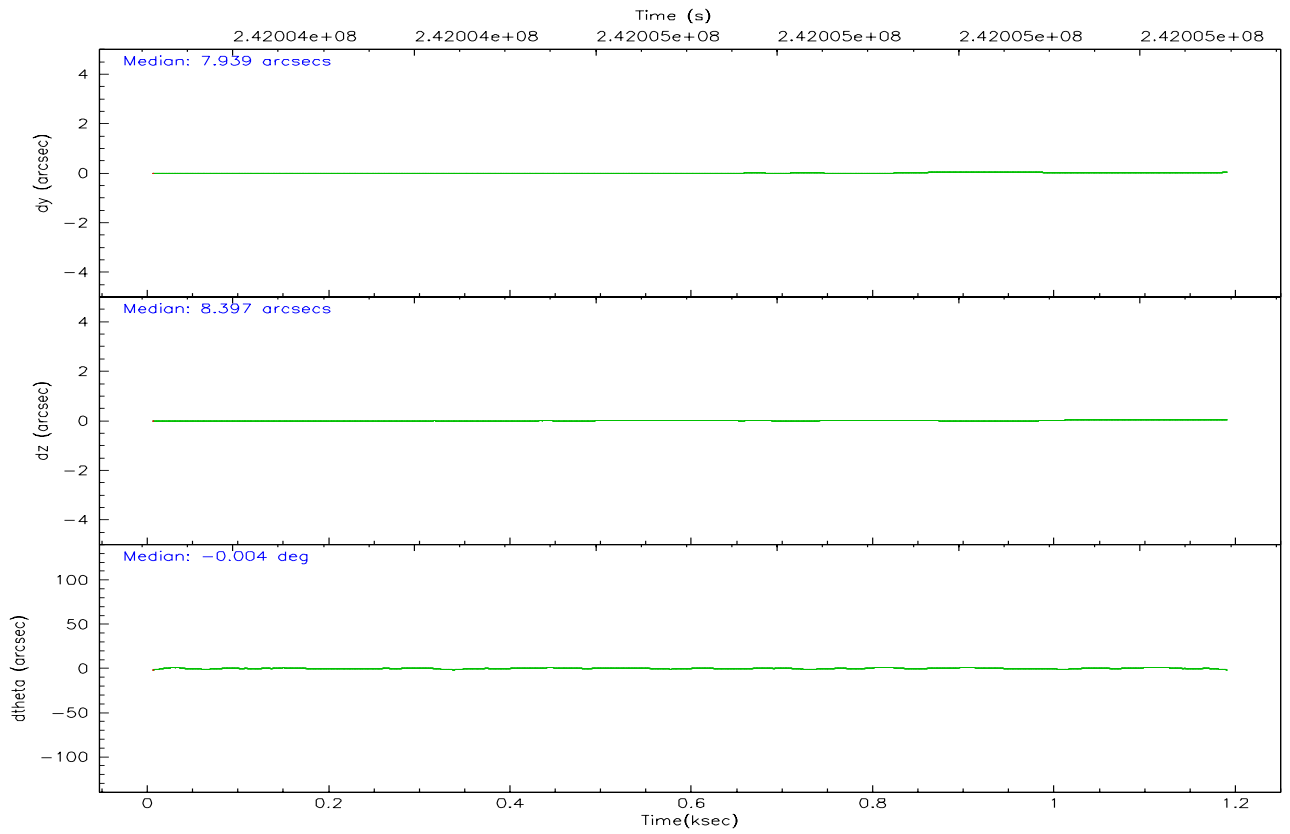
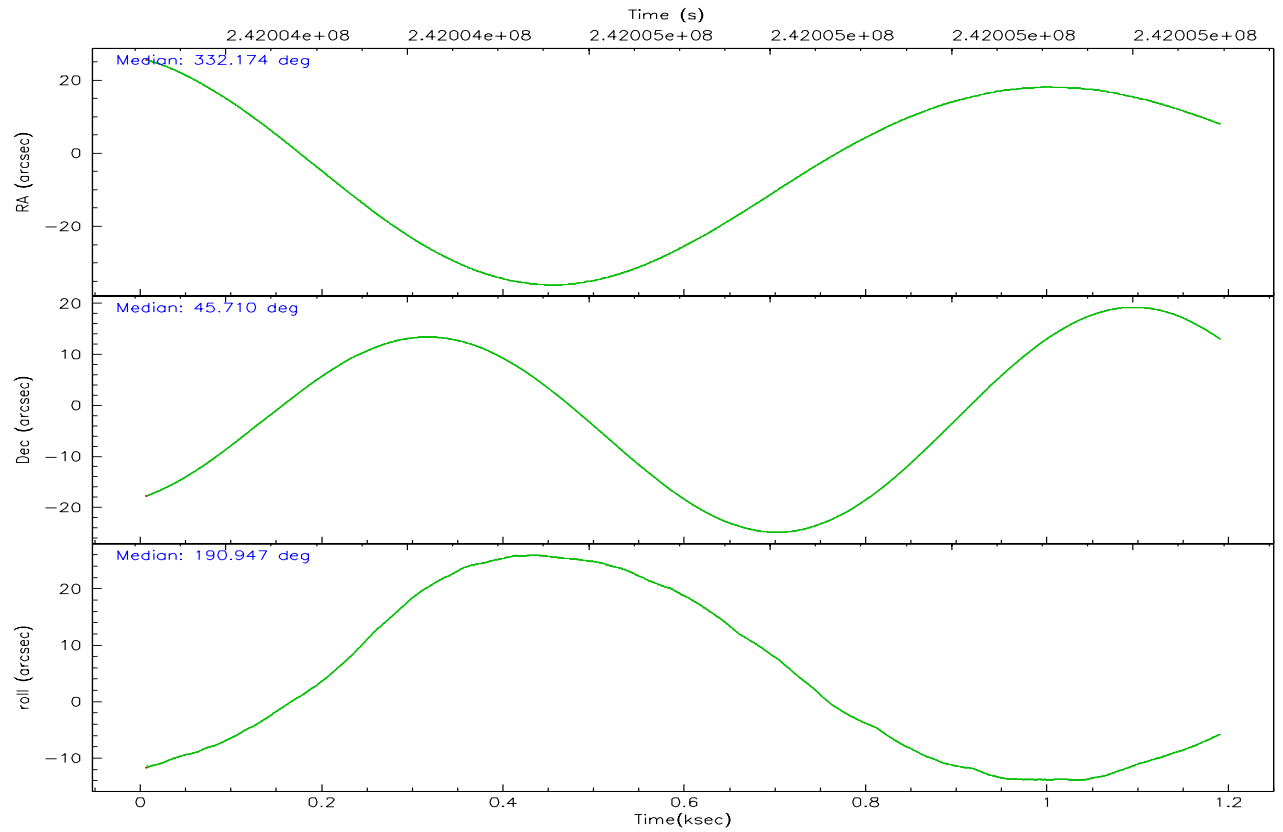
	<b>segment 1</b>	<b>segment 2</b>	<b>segment 3</b>
level 1 events	879	115260	816
rejected events	879	42553	816
rejected %	100%	36%	100%

## 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	332.201975	332.1728167984367			
Pointing Dec	45.728607	45.70945752918117			
Pointing Roll	190.867906	190.95616871619			
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	242004304.184000	242003928.10871			
Observation start date	2005-09-01T23:24:00	2005-09-01T23:18:48			
Observation end time	242005304.184000	242005438.44628			
Observation end date	2005-09-01T23:40:40	2005-09-01T23:43:58			

2.3 Aspect





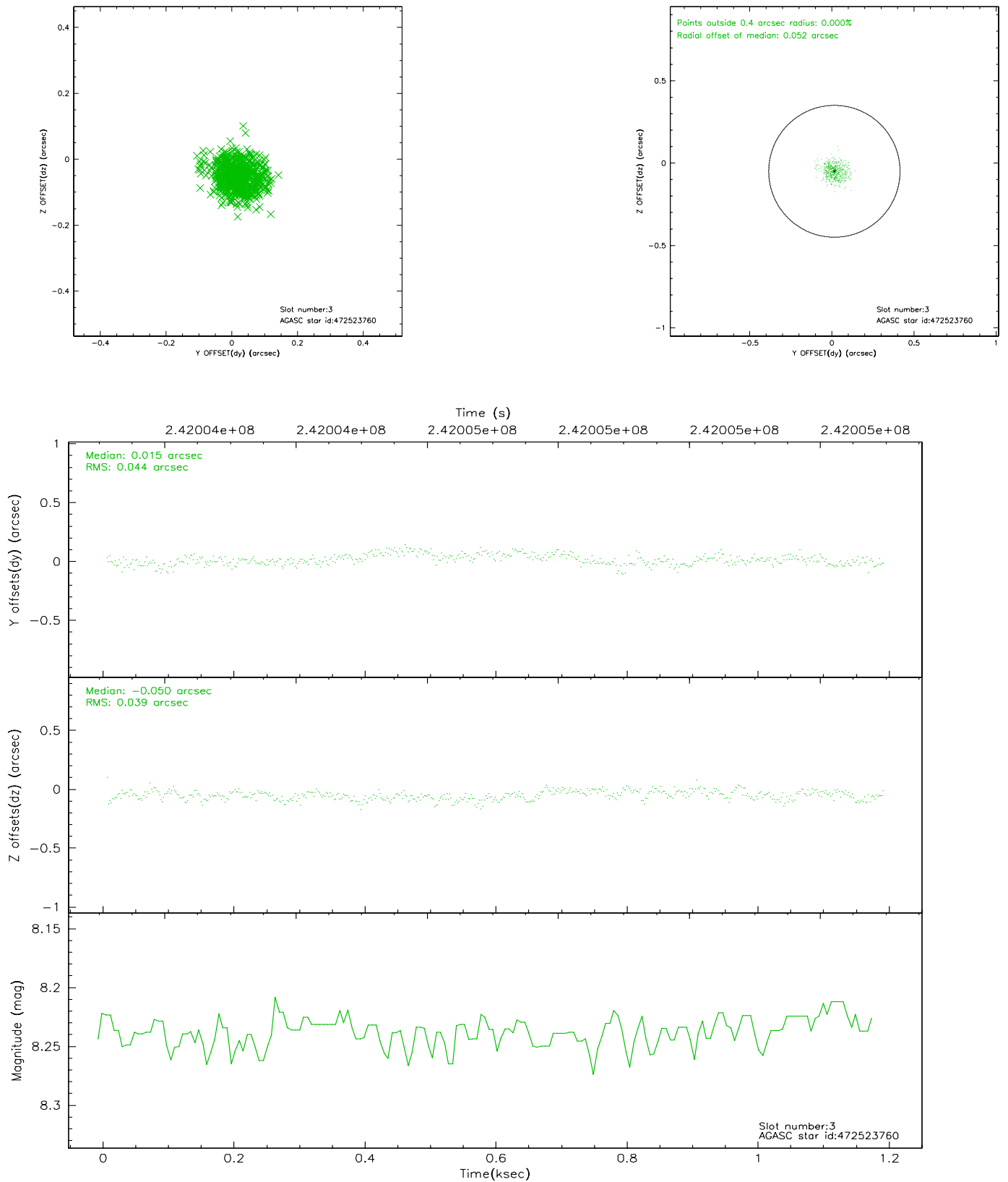
### Slot Statistics

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	0.142	-0.145	0.006	0.009	0.000000	0.000000	-1162.11	-457.03
1	FID	HRC-S-2	7.03	290	0.159	-0.118	0.005	0.009	0.000000	0.000000	1233.58	-451.21
2	FID	HRC-S-3	7.05	290	0.089	-0.040	0.007	0.010	0.000000	0.000000	-1160.63	571.05
3	GUIDE	472523760	8.24	579	0.015	-0.050	0.062	0.102	331.645363	45.403260	1603.18	882.59
4	GUIDE	472527720	7.00	579	-0.114	-0.062	0.065	0.115	331.460205	45.112509	2271.40	1818.35
5	GUIDE	472535576	7.86	579	-0.105	0.078	0.070	0.119	331.438373	46.291802	1487.29	-2352.63
6	GUIDE	472665256	9.01	579	0.193	0.044	0.086	0.140	332.808125	46.195041	-1796.51	-1371.98
7	GUIDE	472533912	9.16	577	-0.003	0.004	0.110	0.175	331.791136	46.368695	566.14	-2458.12

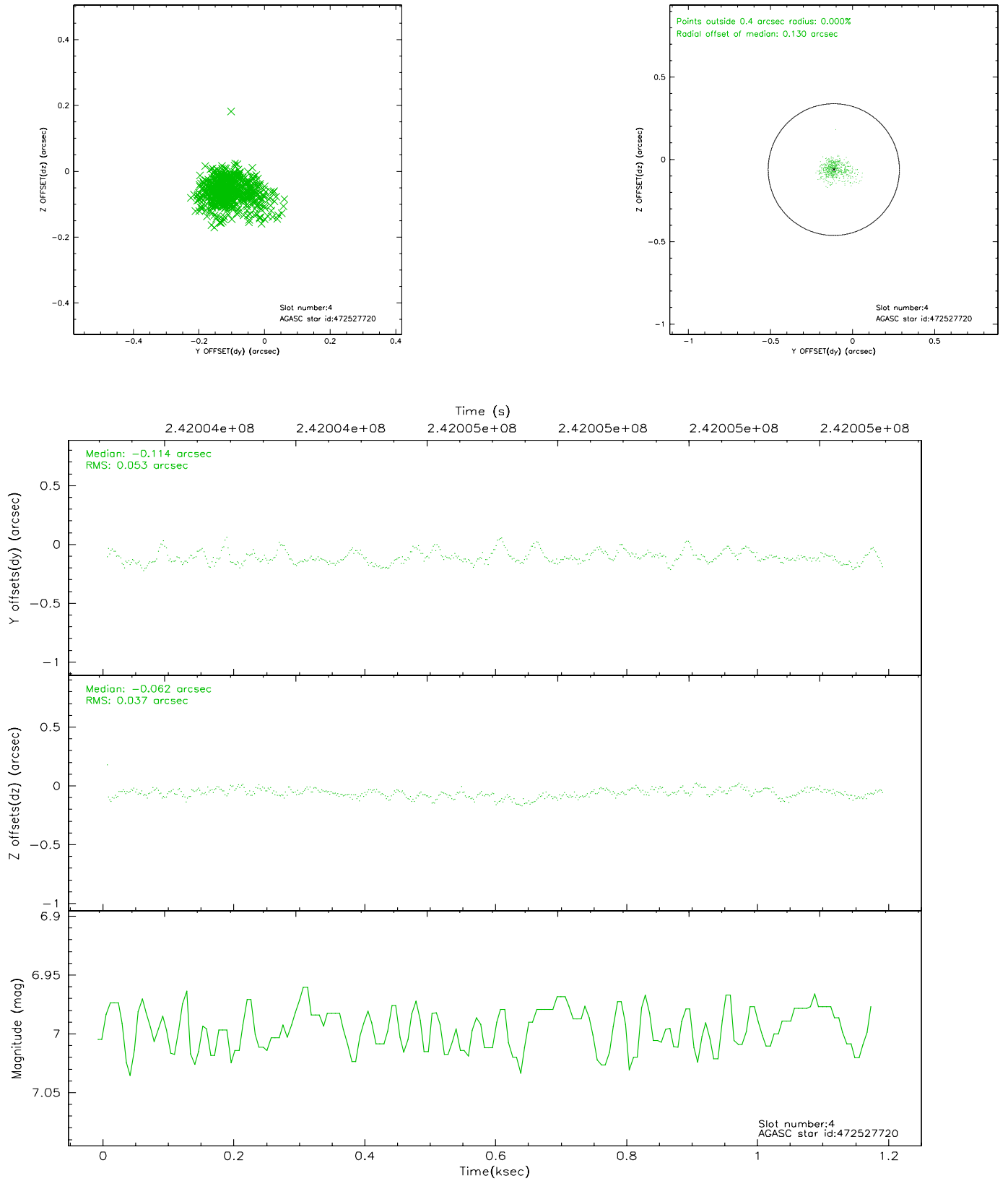


## 2.4 Star Slots

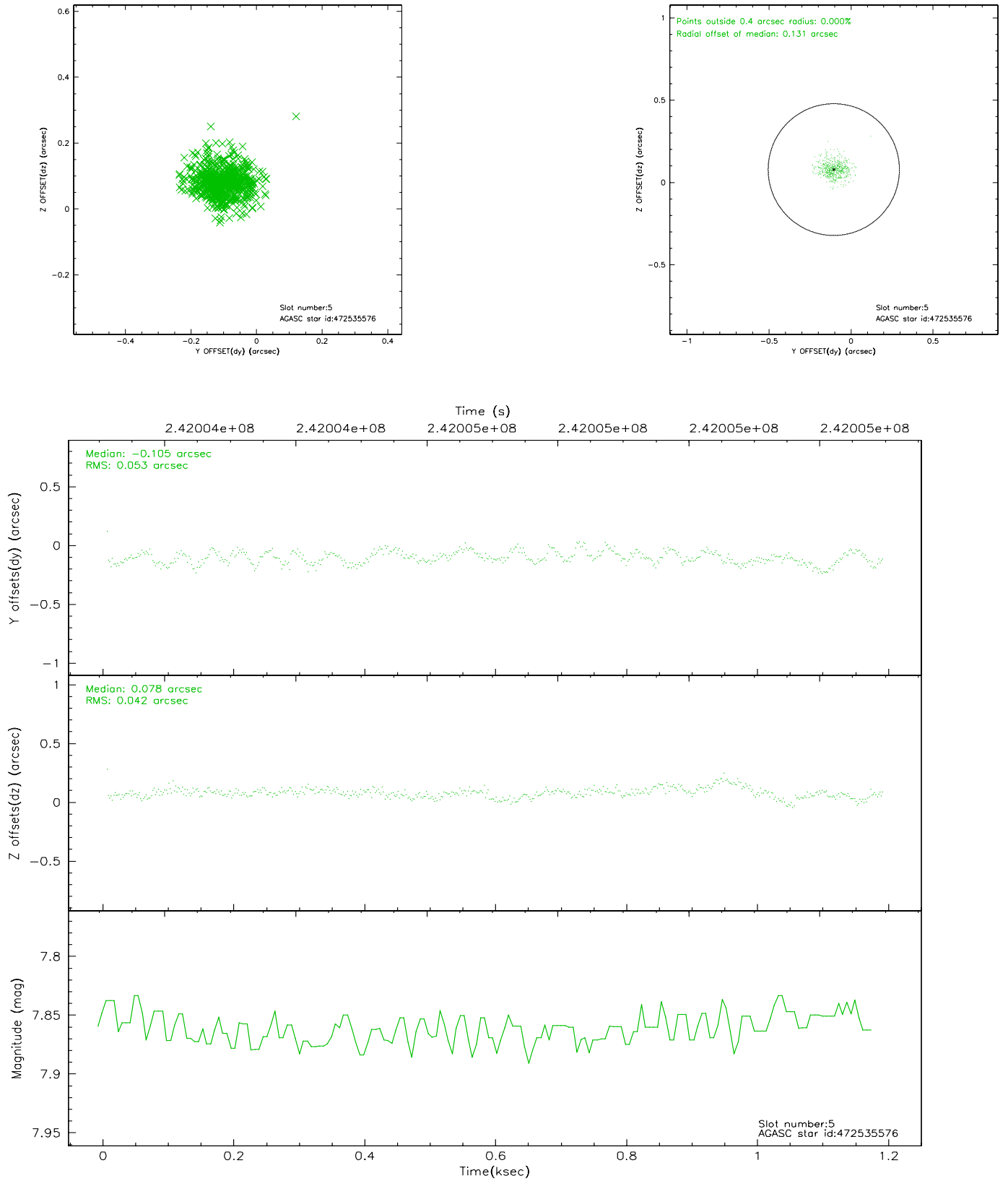
### 2.4.1 Slot 3



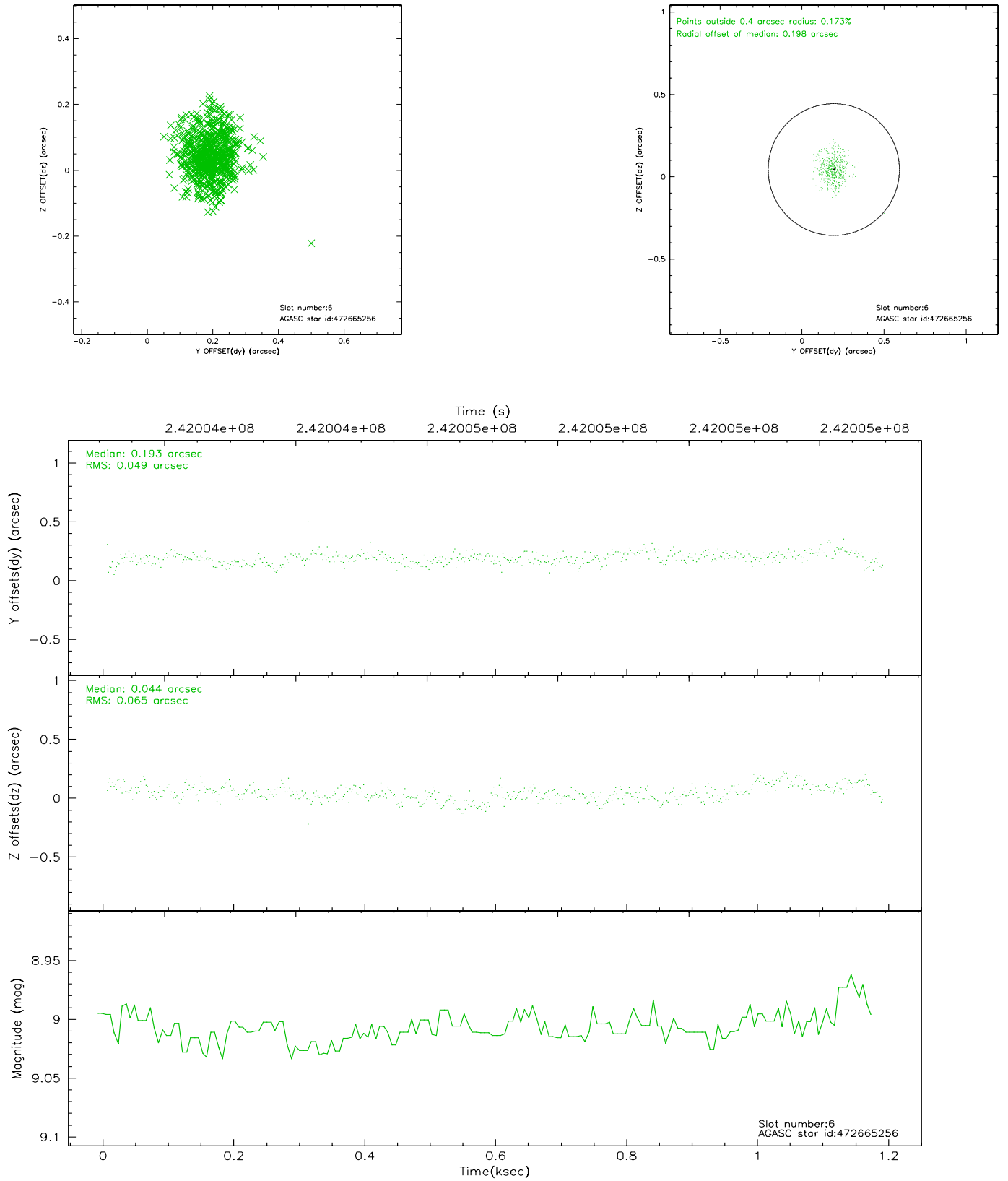
## 2.4.2 Slot 4



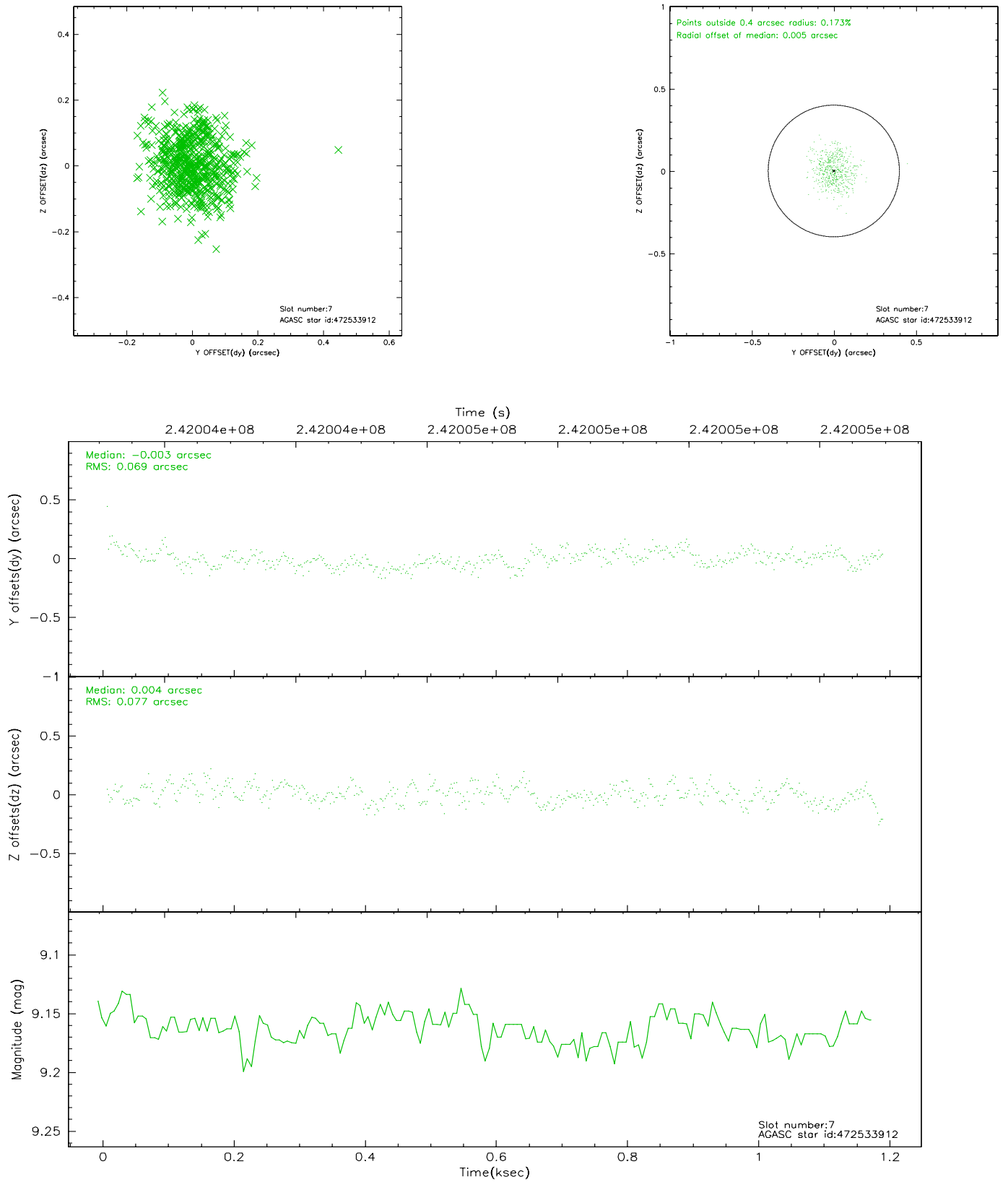
### 2.4.3 Slot 5



## 2.4.4 Slot 6

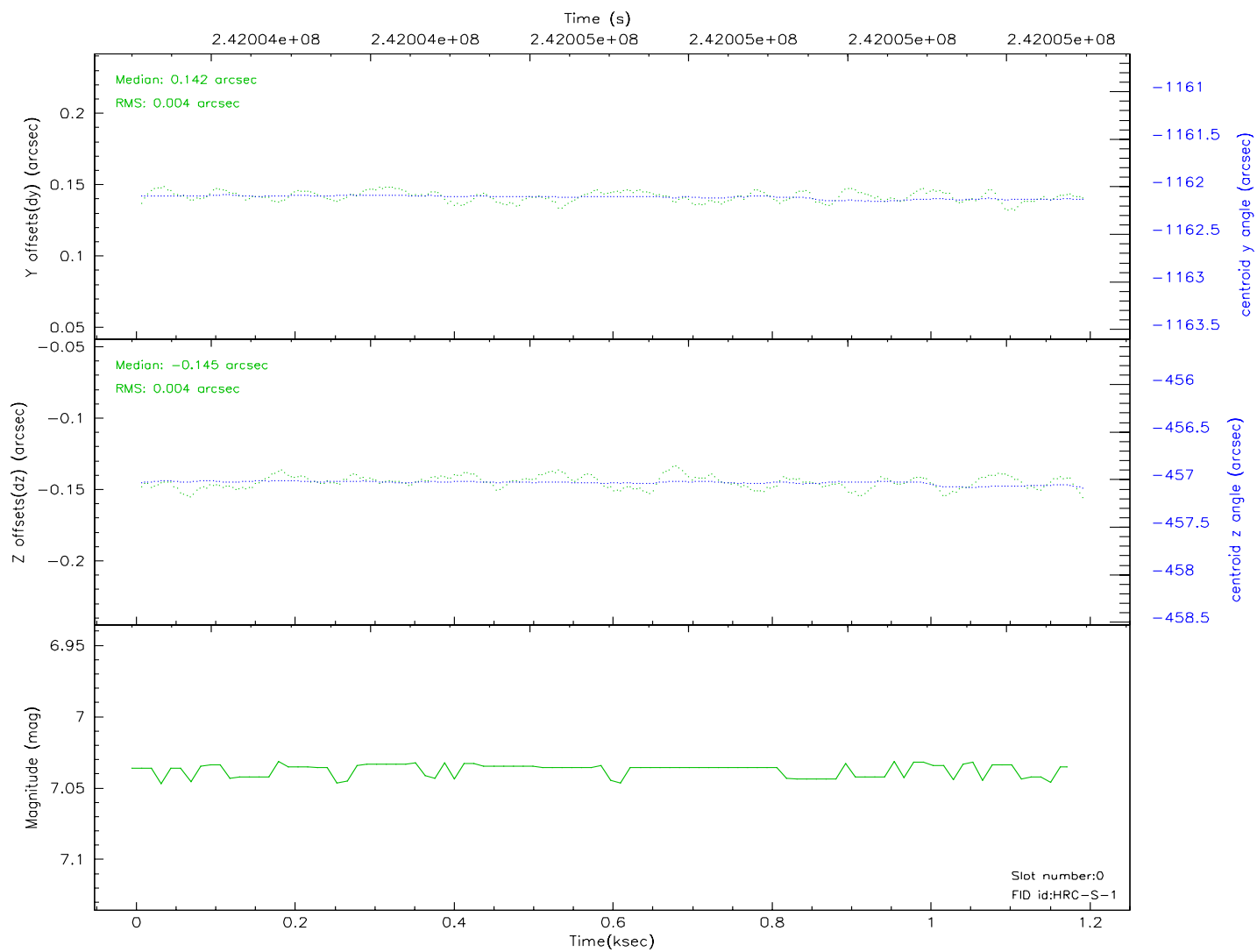
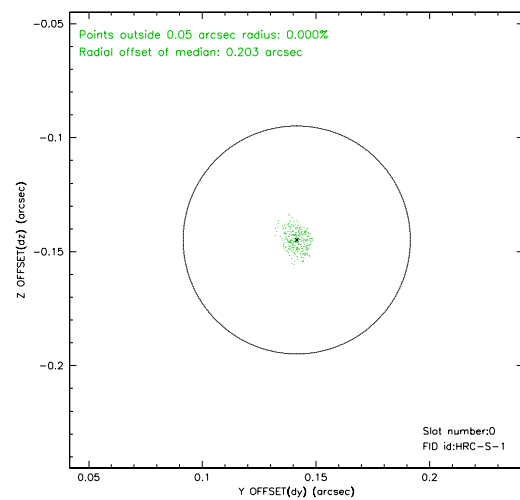
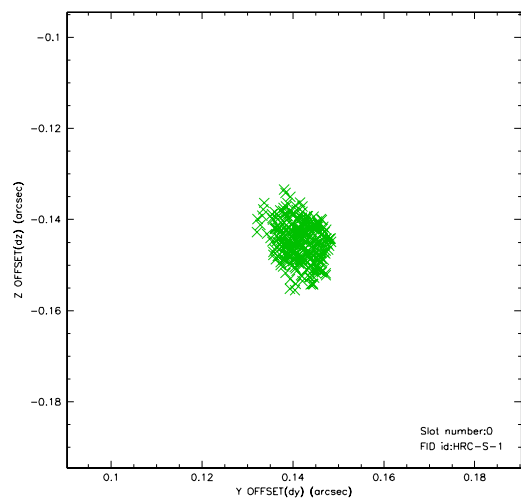


## 2.4.5 Slot 7

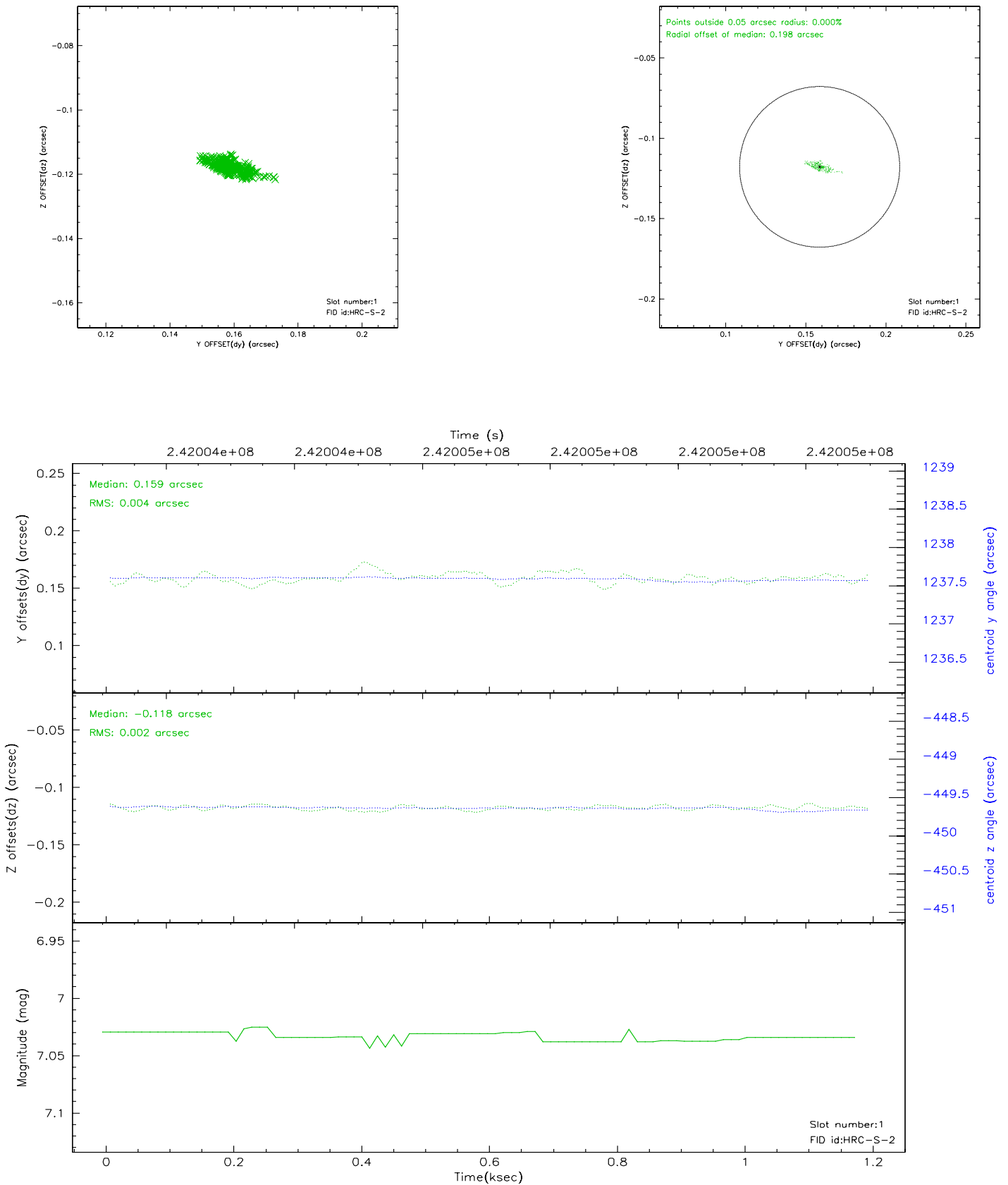


## 2.5 FID Slots

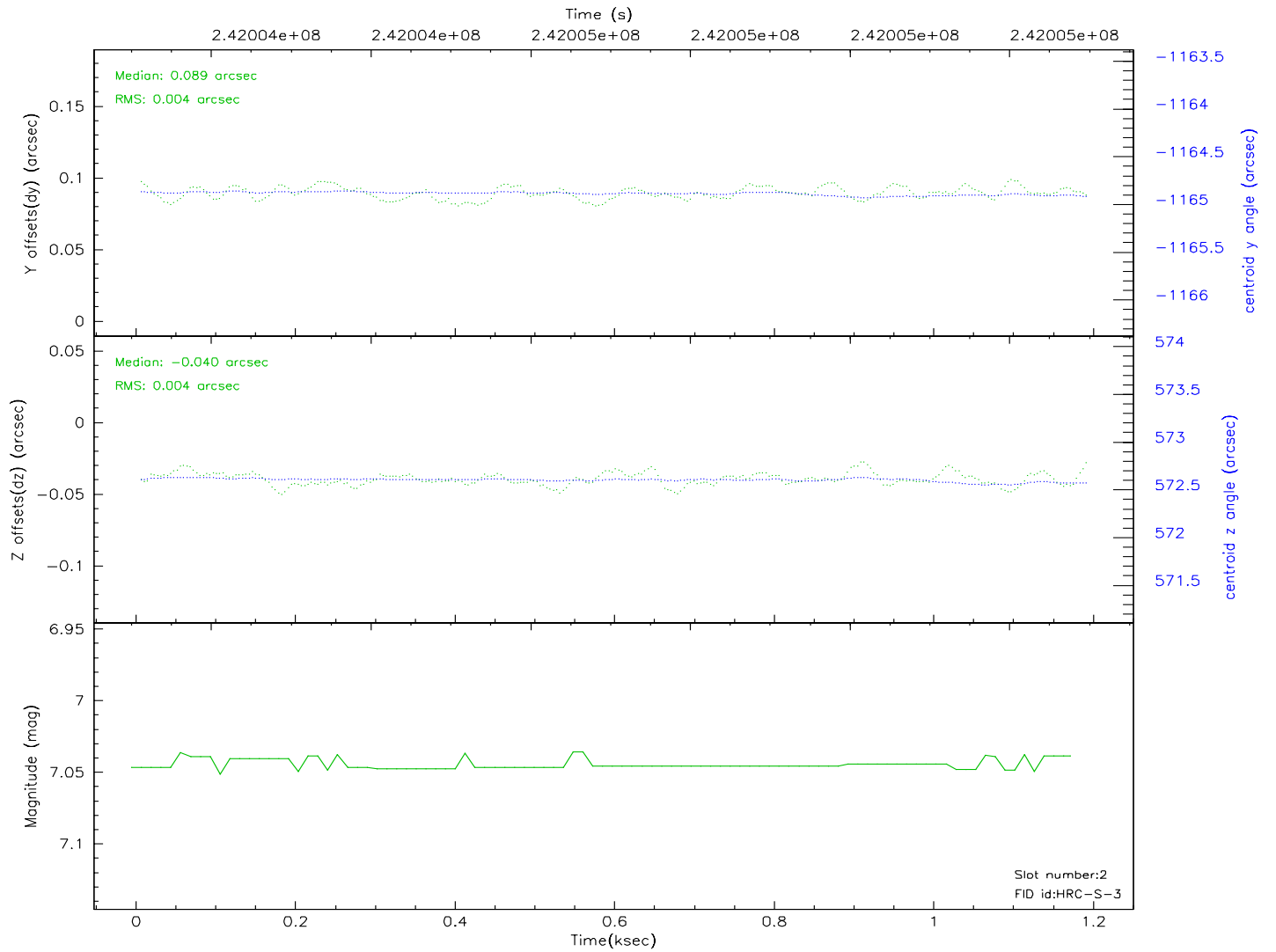
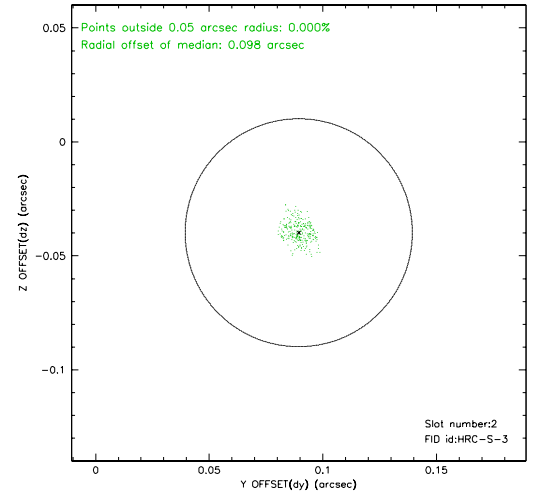
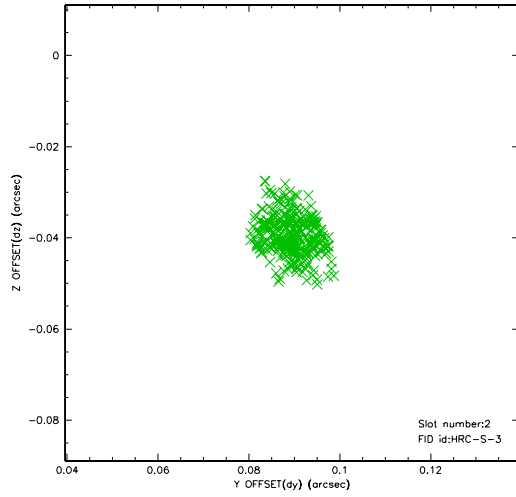
### 2.5.1 Slot 0



## 2.5.2 Slot 1

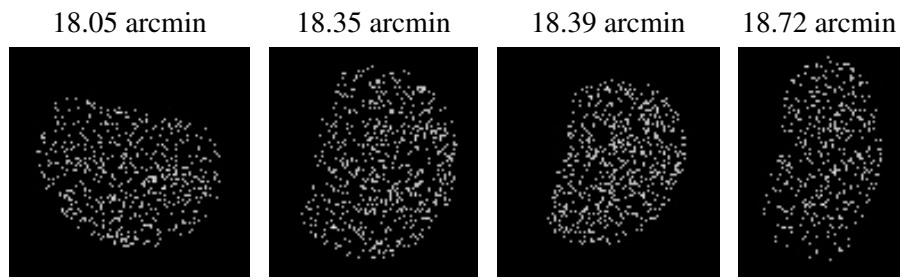


### 2.5.3 Slot 2





### 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	1.153381

### A.2 Comments