

# V&V Reference Report

## L2 ASCDS Version : 8.4.5

Observation 11076 - L2 Version 2  
Chandra X-Ray Center

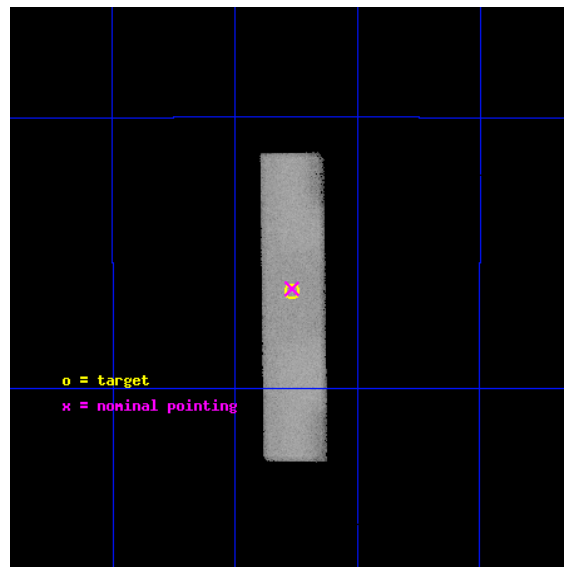
L2 Processing Date : Jun 27 2012

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# 1 Front

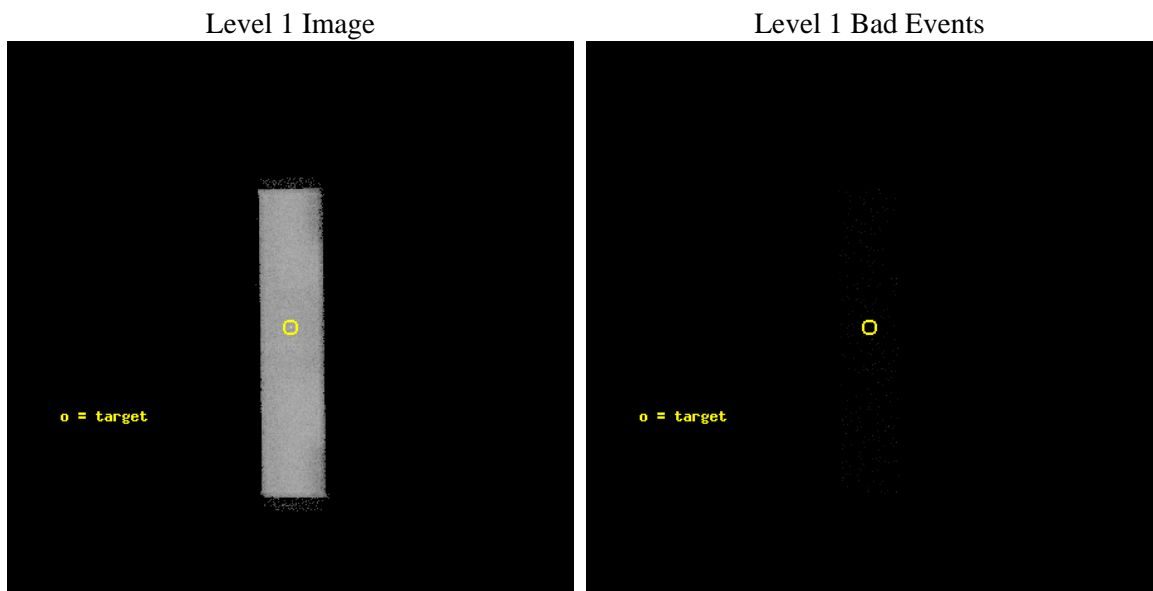
seq_num	401111	Sequence number
obs_id	11076	Observation id
title	Precise Localization of Transient Low-Mass X-ray Binaries	Proposal
observer	Prof. Deepto Chakrabarty	Principal investigator
object	SAX J1753.5-2349	Source name
ra_targ	268.382917	Observer's specified target RA [deg]
dec_targ	-23.821306	Observer's specified target Dec [deg]
ra_nom	268.38396378605	Nominal RA [deg]
dec_nom	-23.81641477783	Nominal Dec [deg]
roll_nom	89.286089912097	Nominal Roll [deg]
revision	2	Processing version of data
ontime	1141.8500580192	[s]
livetime	875.3905807486	Ontime multiplied by DTCOR
l2events	191677	Number of level 2 events



## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



### 2.1.2 Parameters

obi_num	0	Obi number	sched_exp_time	1000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1141.8500580192	[s]
caldsver	4.5.0	&#160	l1events	374797	Number of level 1 events
date	2012-06-27T18:13:22	Date and time of file creation			
revision	2	Processing version of data			

### 2.1.3 Events

Level 1 Events

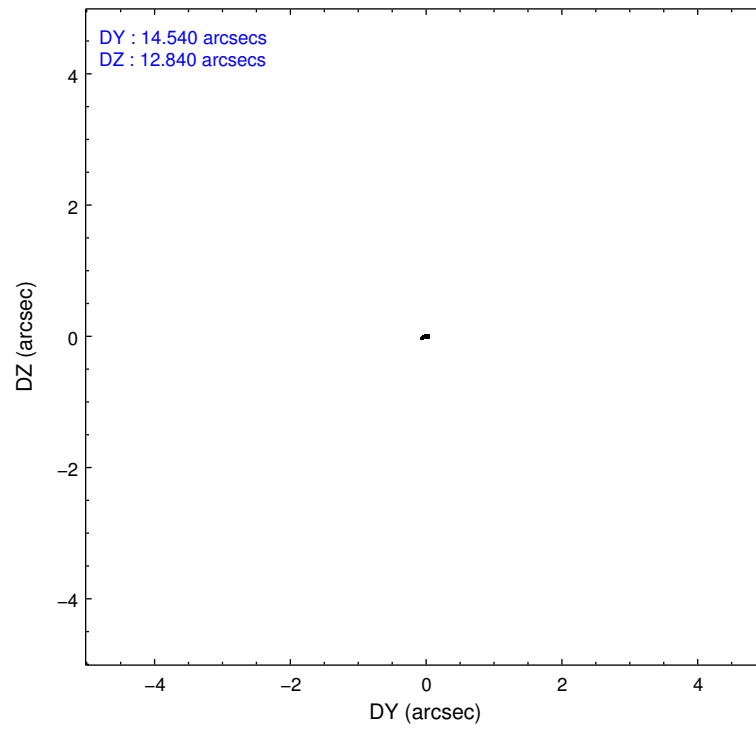
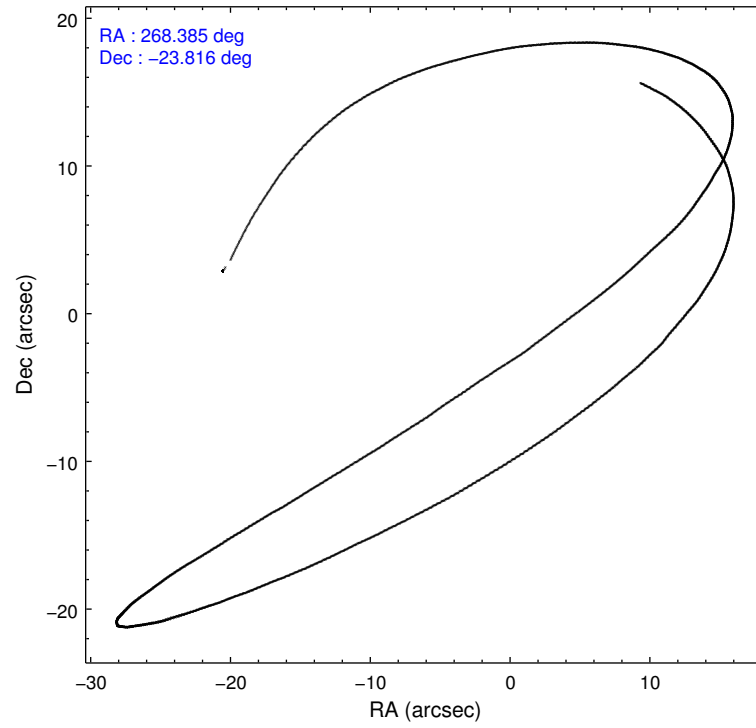
	<b>segment 1</b>	<b>segment 2</b>	<b>segment 3</b>
level 1 events	123	374674	0
rejected events	57	164195	0
rejected %	46%	43%	0%

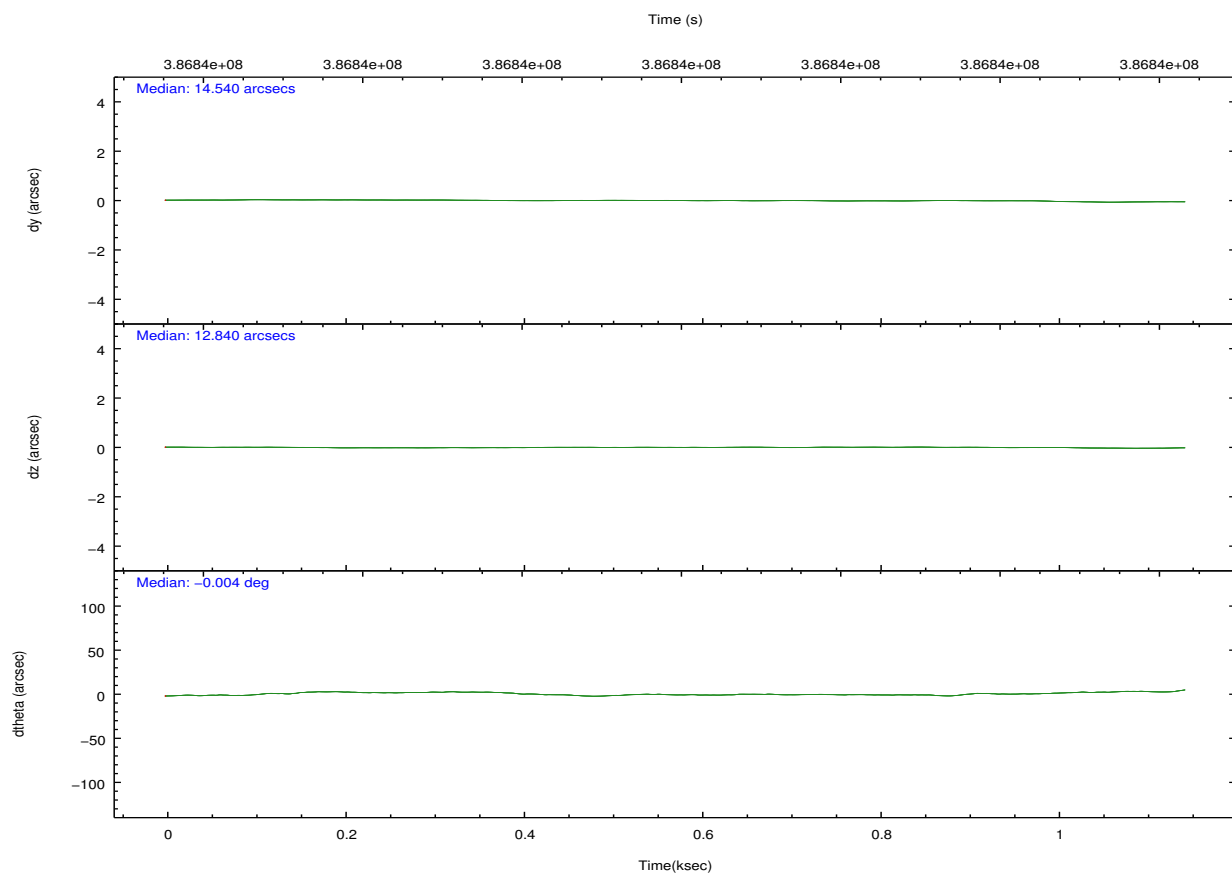
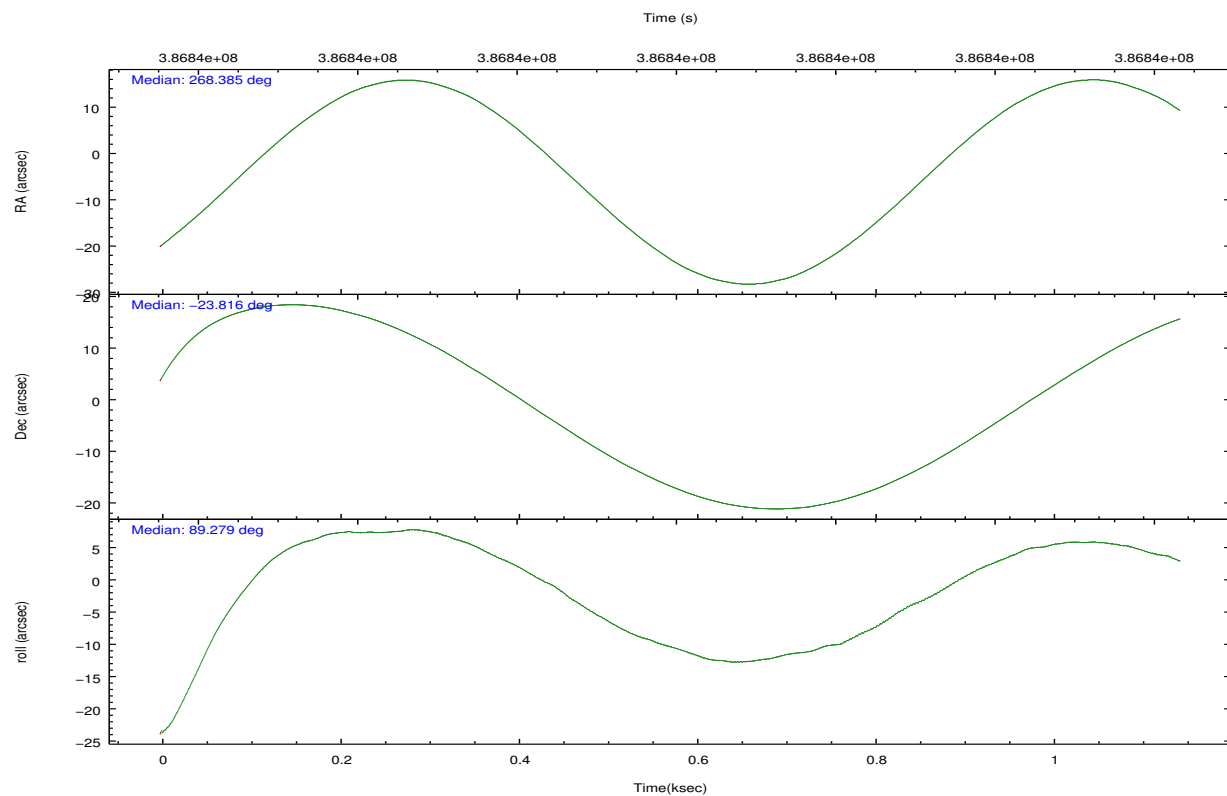
## 2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-S	HRC-S
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	268.399757	268.3839637860469
[deg] Pointing Dec	-23.840855	-23.8164147778301
[deg] Pointing Roll	89.225276	89.28608991209664
[mm] SIM focus pos	-1.533336	-1.526339935833849
[mm] SIM defocus	7.710433287538843e-07	0.006996703570447904
[mm] SIM translation stage pos	250.455976	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	386843756.184000	386842688.92488
Observation start date	2010-04-05T08:34:50	2010-04-05T08:18:08
[s] Observation end time (MET)	386844756.184000	386845382.62501
Observation end date	2010-04-05T08:51:30	2010-04-05T09:03:02

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED

## 2.3 Aspect





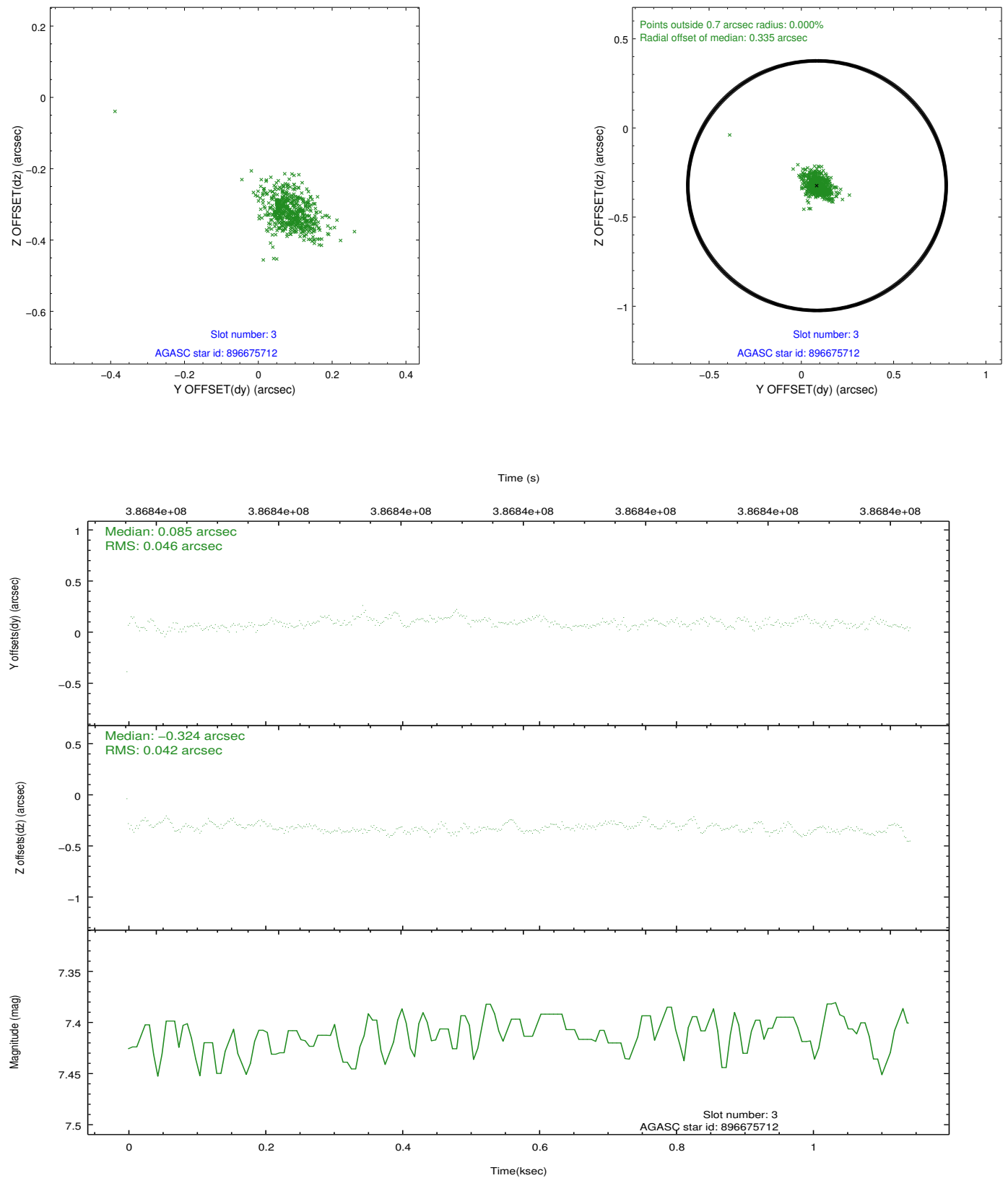
### Slot Statistics

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	280	0.067	-0.145	0.025	0.034	0.000000	0.000000	-1168.93	-461.62
1	FID	HRC-S-2	7.02	280	0.220	-0.112	0.008	0.018	0.000000	0.000000	1226.71	-455.85
2	FID	HRC-S-3	7.04	280	0.103	-0.044	0.021	0.030	0.000000	0.000000	-1167.25	566.36
3	GUIDE	896675712	7.41	559	0.085	-0.324	0.060	0.108	267.913019	-23.677453	563.27	1615.31
4	GUIDE	896676240	6.75	559	-0.394	0.121	0.051	0.082	268.608903	-23.236018	2186.48	-656.01
5	GUIDE	896676832	8.78	559	0.311	0.216	0.078	0.129	268.764867	-24.199321	-1271.63	-1214.31
6	GUIDE	896676920	7.12	559	0.088	-0.163	0.052	0.085	268.229437	-24.215089	-1357.57	541.52
7	GUIDE	896677312	7.78	558	-0.093	0.161	0.081	0.127	269.123406	-23.389939	1647.00	-2364.62

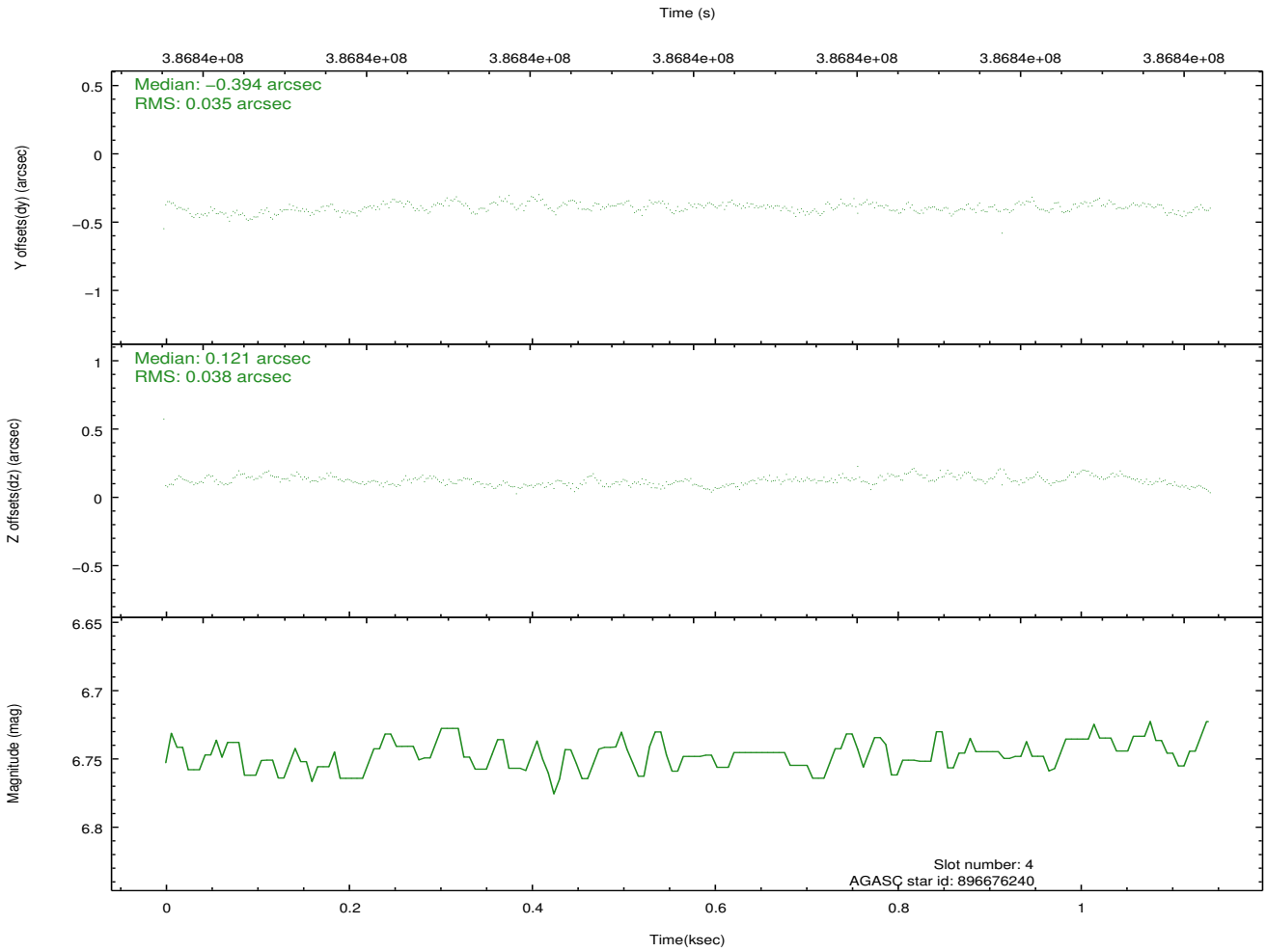
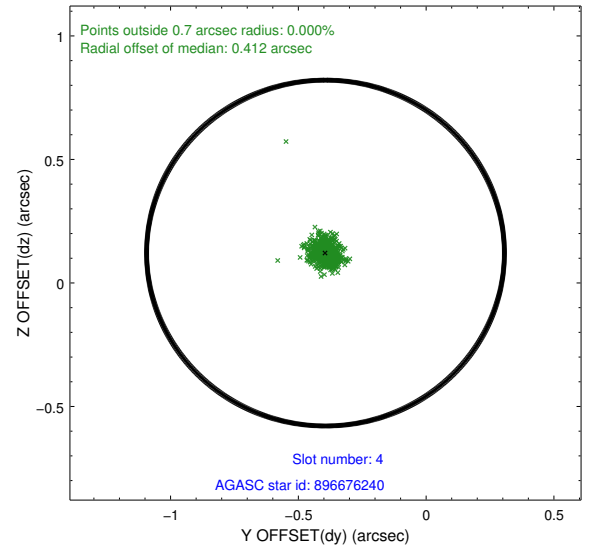
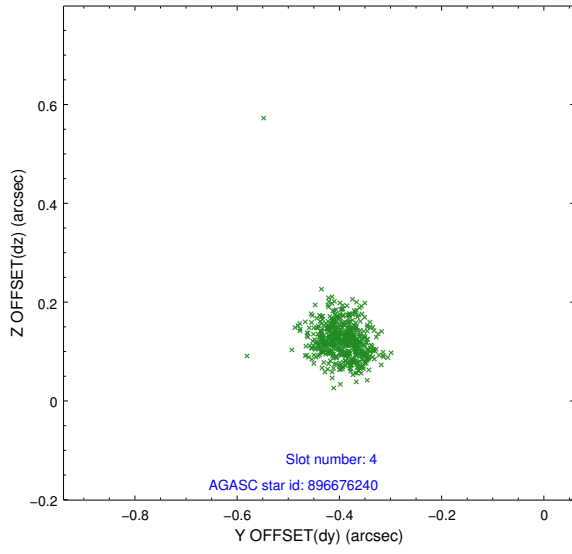


## 2.4 Star Slots

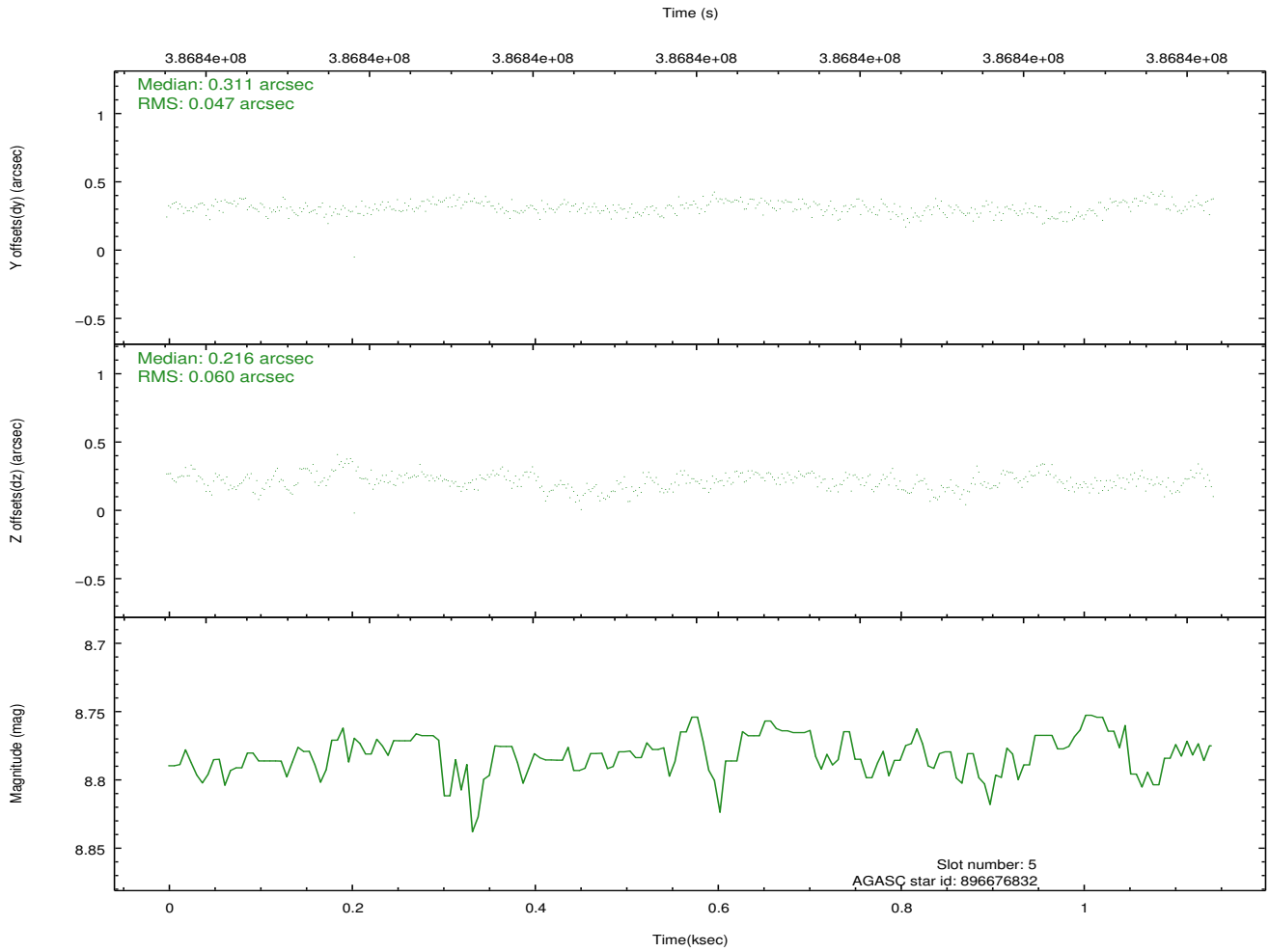
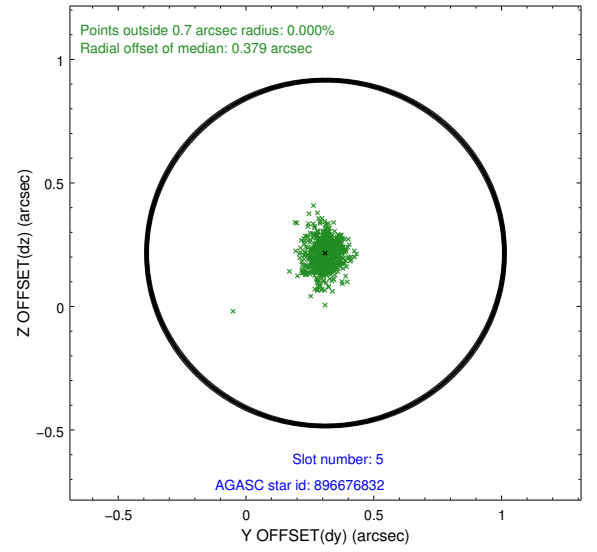
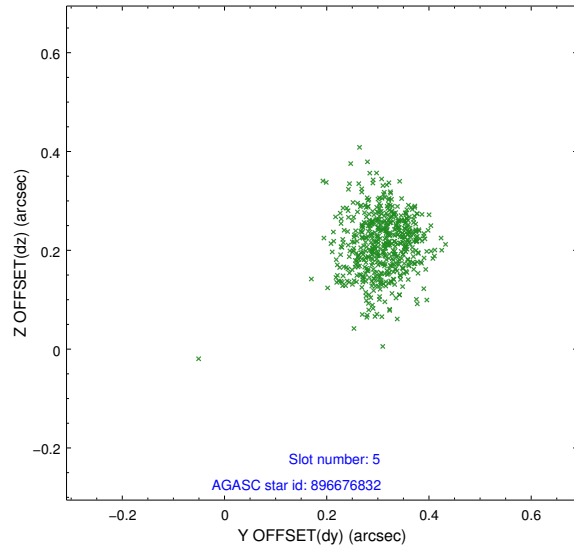
### 2.4.1 Slot 3



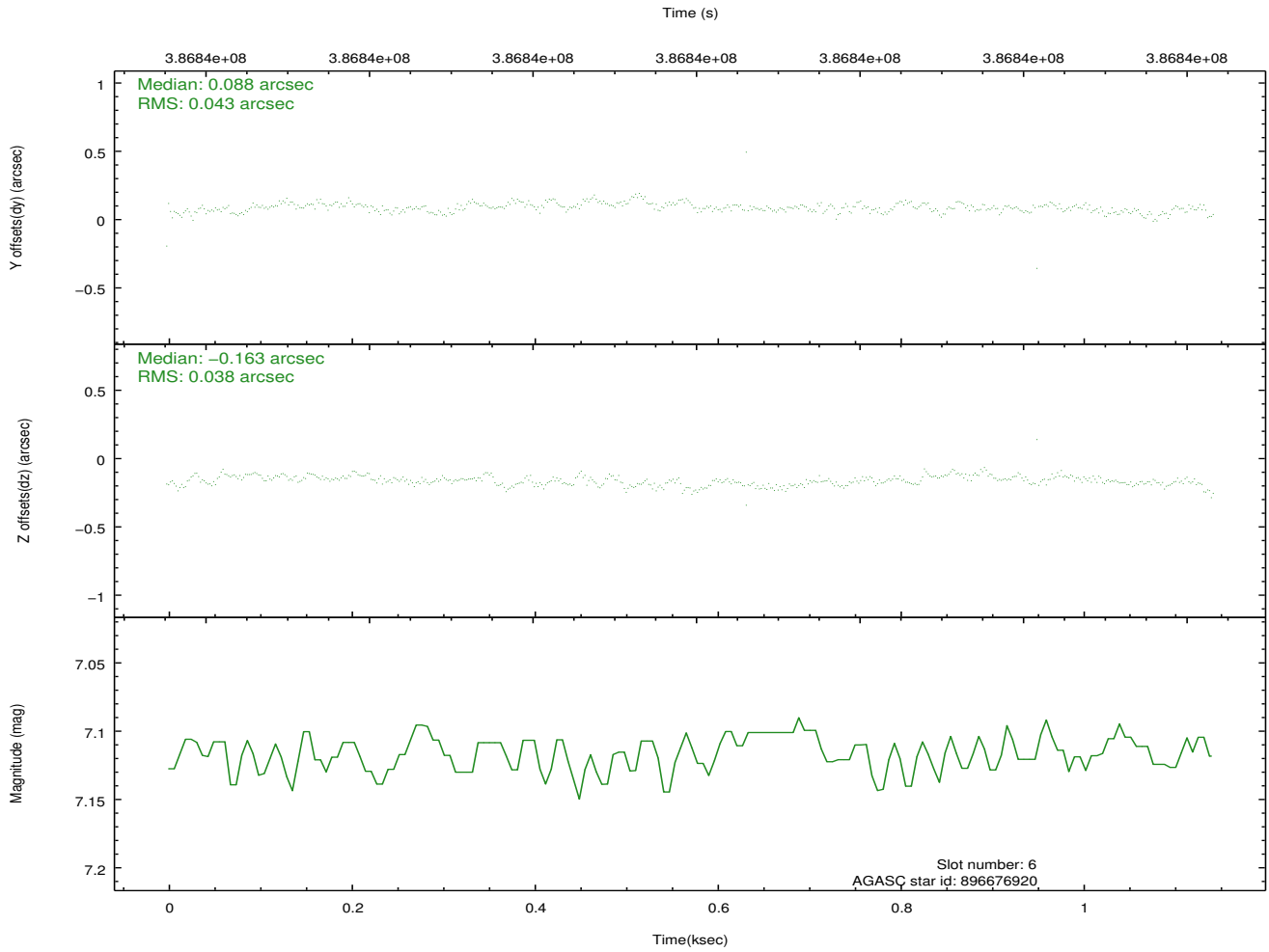
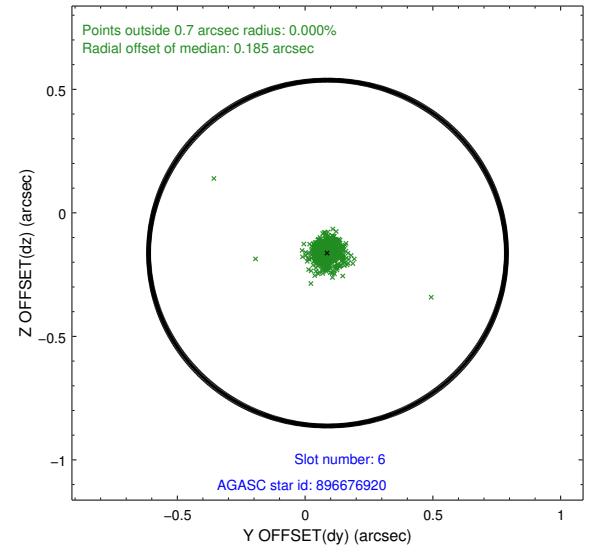
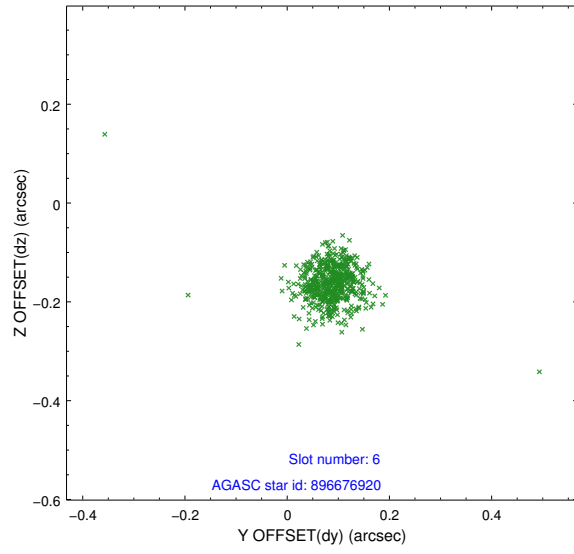
## 2.4.2 Slot 4



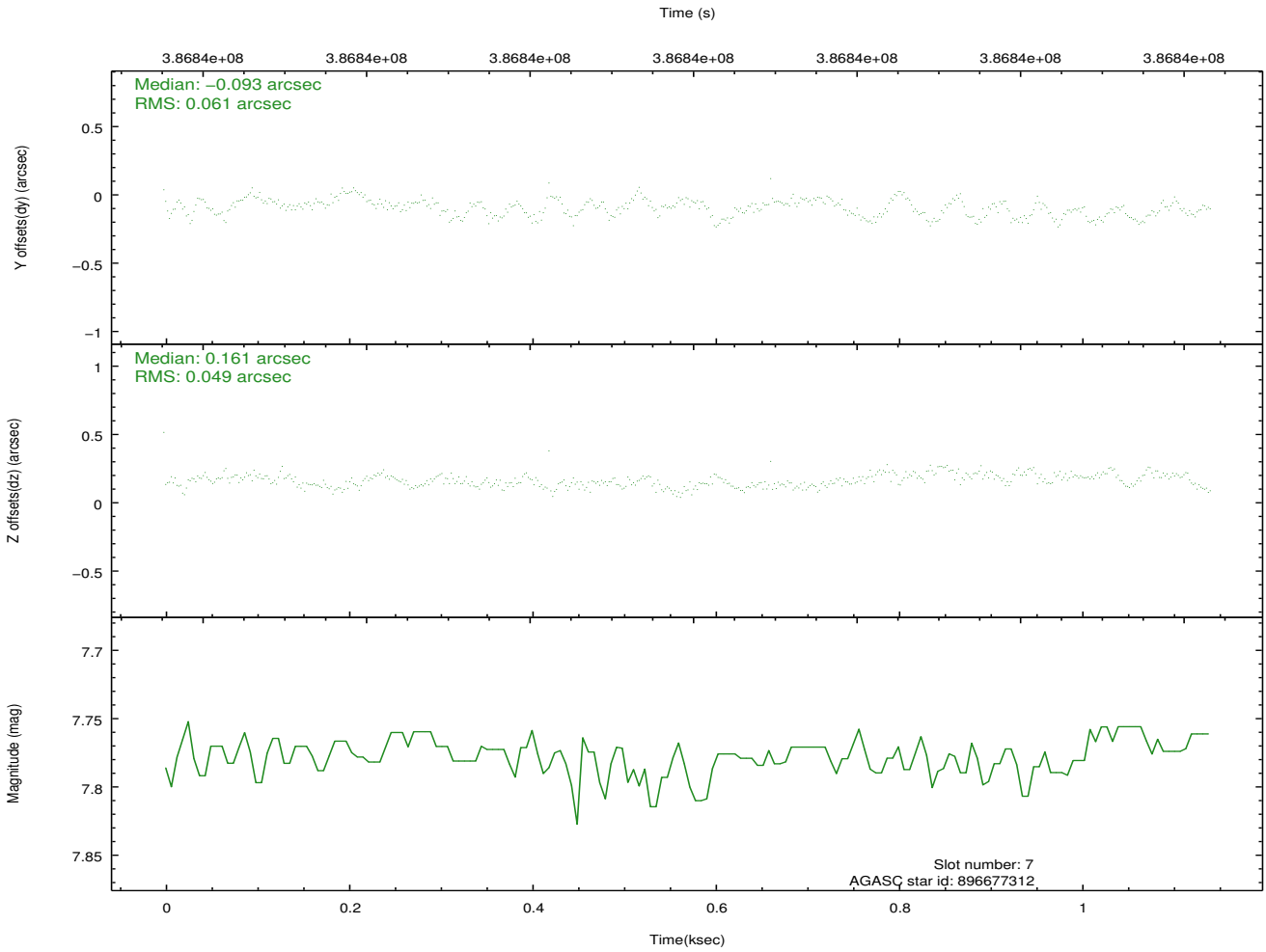
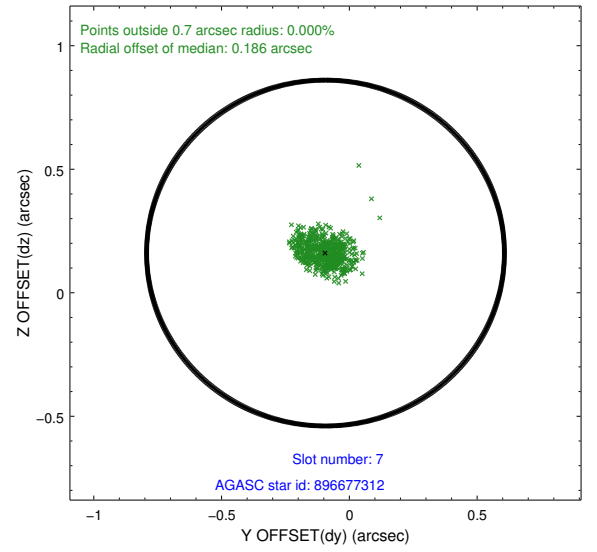
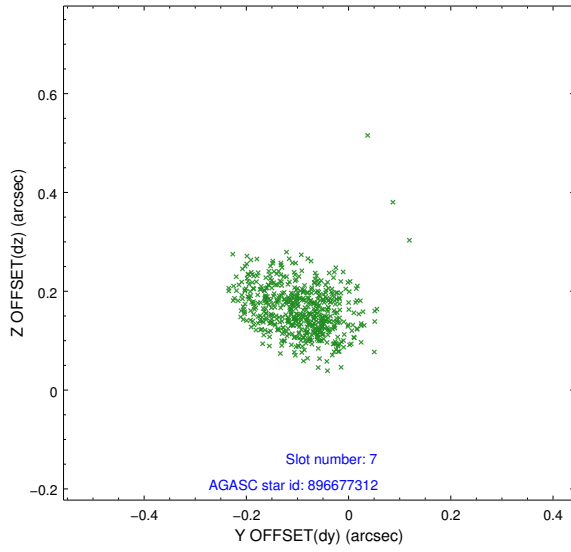
### 2.4.3 Slot 5



## 2.4.4 Slot 6

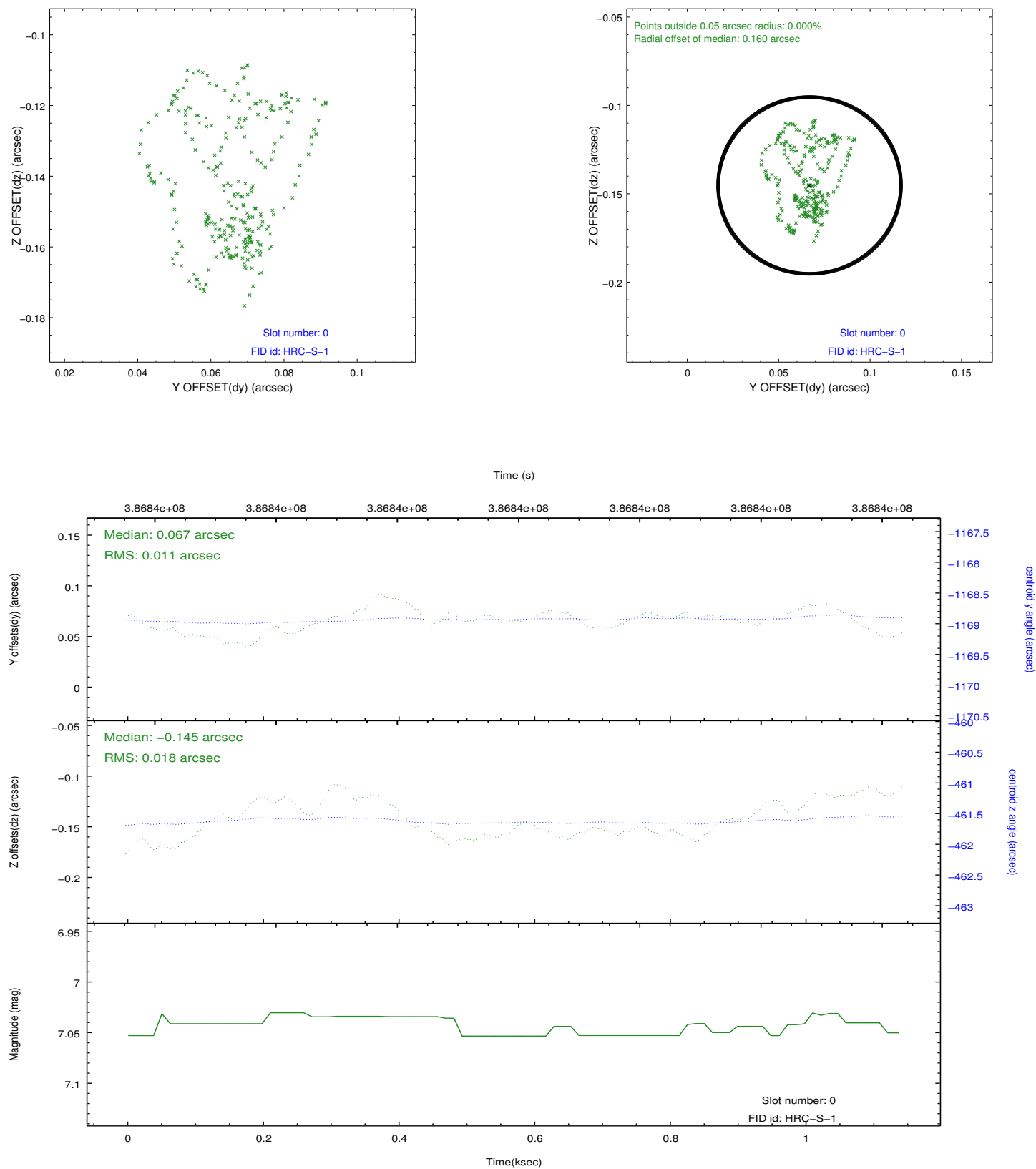


## 2.4.5 Slot 7

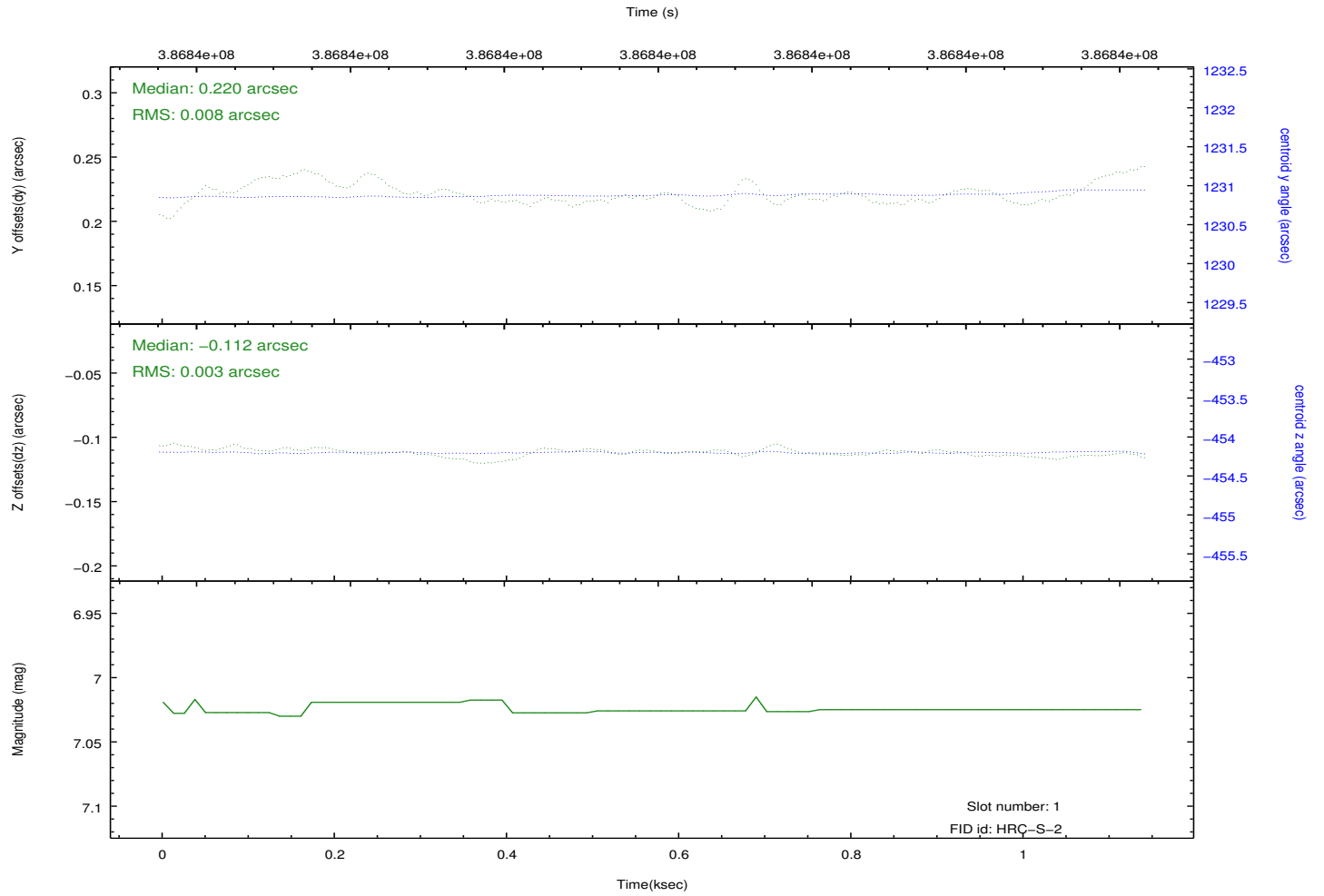
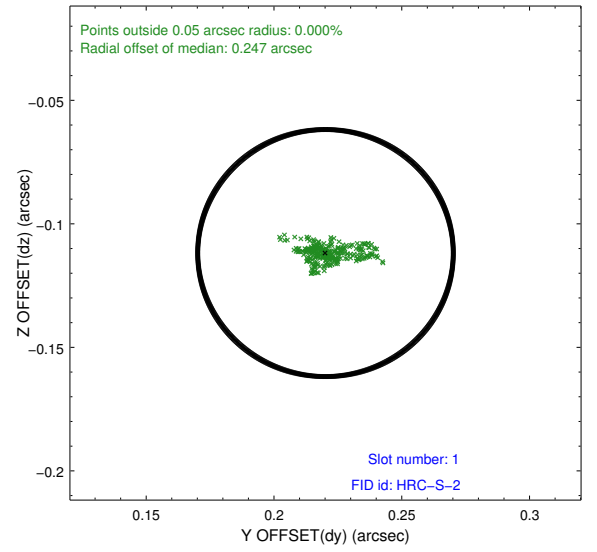
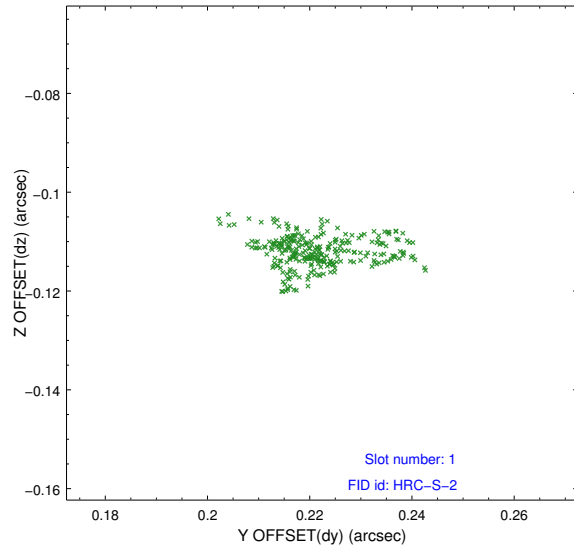


## 2.5 FID Slots

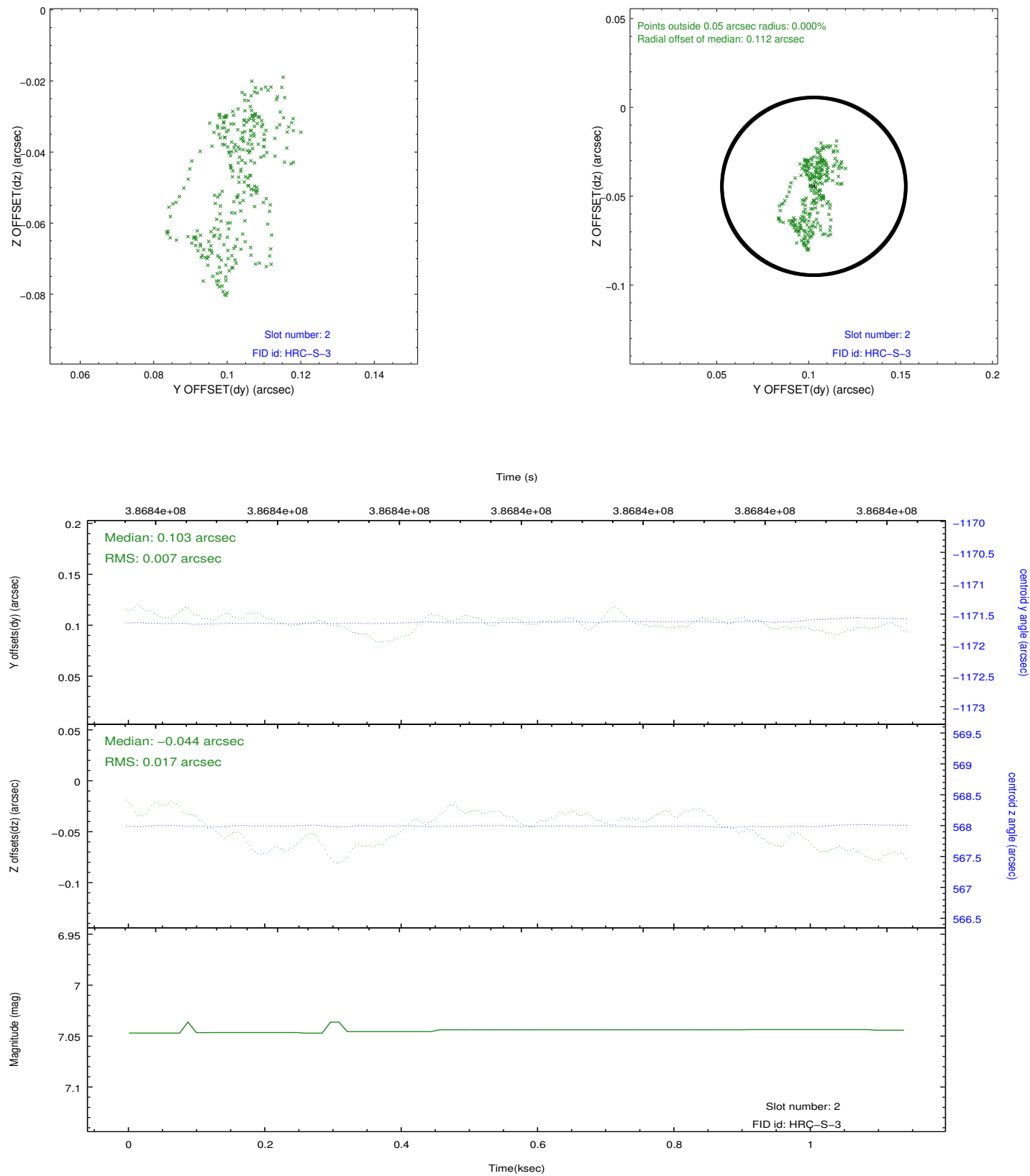
### 2.5.1 Slot 0



## 2.5.2 Slot 1



### 2.5.3 Slot 2





## **A Summary**

### **A.1 Status**

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.07.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1418500580192

### **A.2 Comments**