

# V&V Reference Report

## L2 ASCDS Version : 8.4.4

Observation 7538 - L2 Version 5  
Chandra X-Ray Center

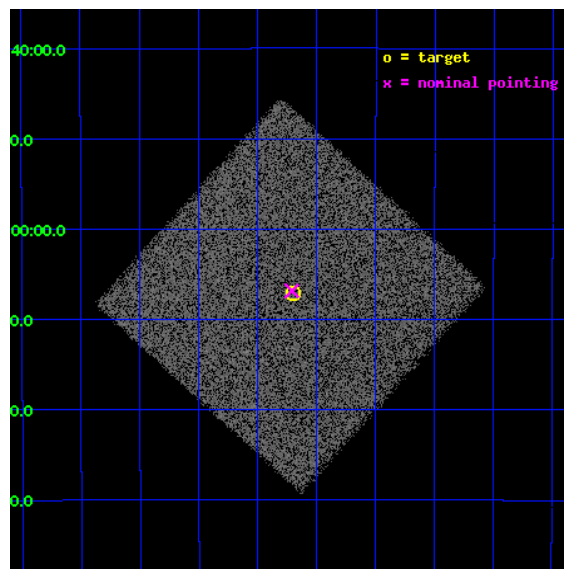
L2 Processing Date : Aug 11 2012

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# 1 Front

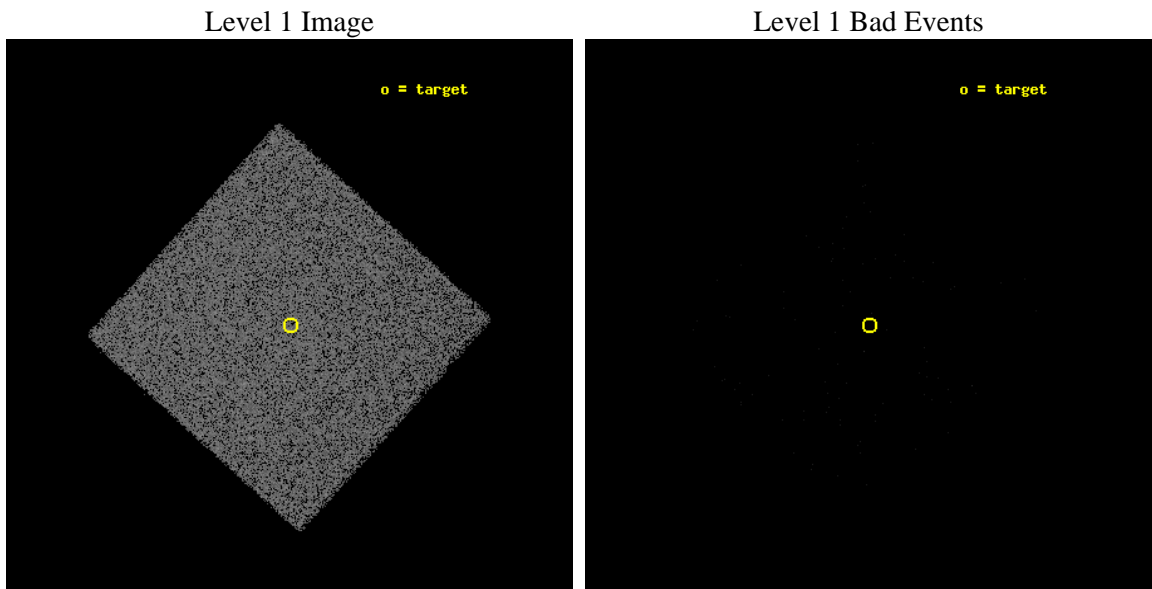
seq_num	400648	Sequence number
obs_id	7538	Observation id
title	Faint persistent X-ray sources in the Galactic Bulge	Proposal titl
observer	Dr. Marc Klein-Wolt	Principal investigator
object	XTE J1710-281	Source name
ra_targ	257.55	Observer's specified target RA [deg]
dec_targ	-28.118306	Observer's specified target Dec [deg]
ra_nom	257.55249059683	Nominal RA [deg]
dec_nom	-28.114259714012	Nominal Dec [deg]
roll_nom	87.330127064558	Nominal Roll [deg]
revision	5	Processing version of data
ontime	1173.881305635	[s]
livetime	1163.1757884516	Ontime multiplied by DTCOR
l2events	60882	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	1173.881305635	[s]
caldbver	4.5.1.1	&#160	l1events	163587	Number of level 1 events
date	2012-08-11T19:00:20	Date and time of file creation			
revision	5	Processing version of data			

### 2.1.3 Events

#### Level 1 Events

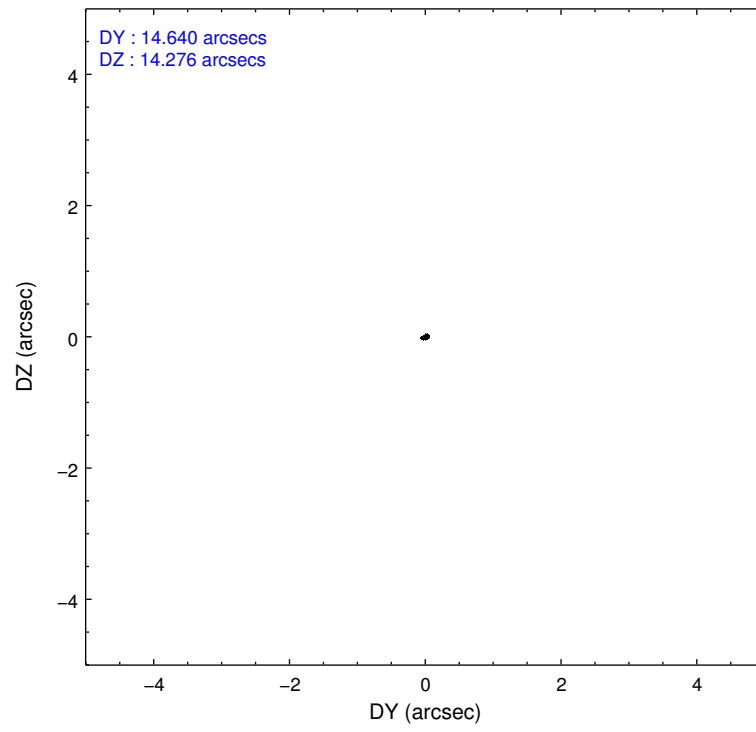
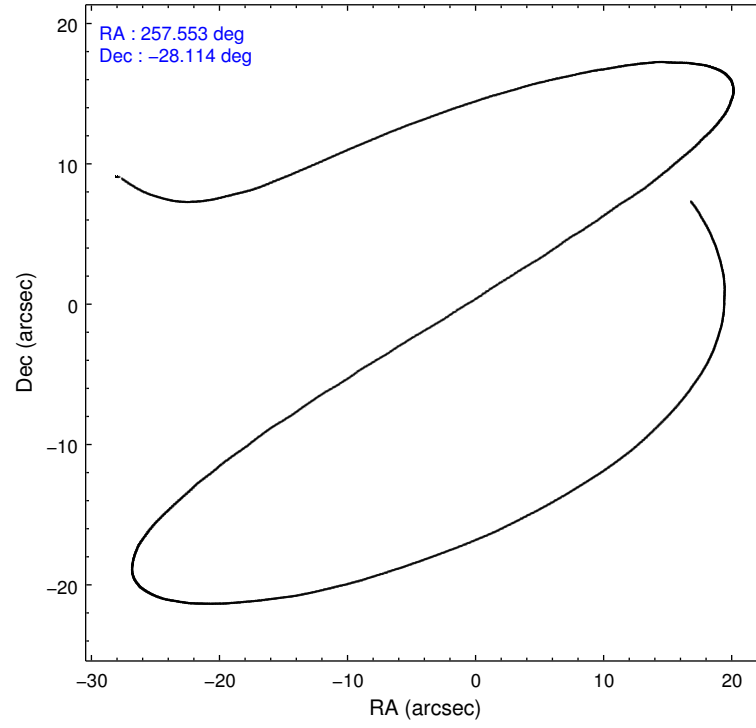
	<b>segment 0</b>
level 1 events	163587
rejected events	73722
rejected %	45%

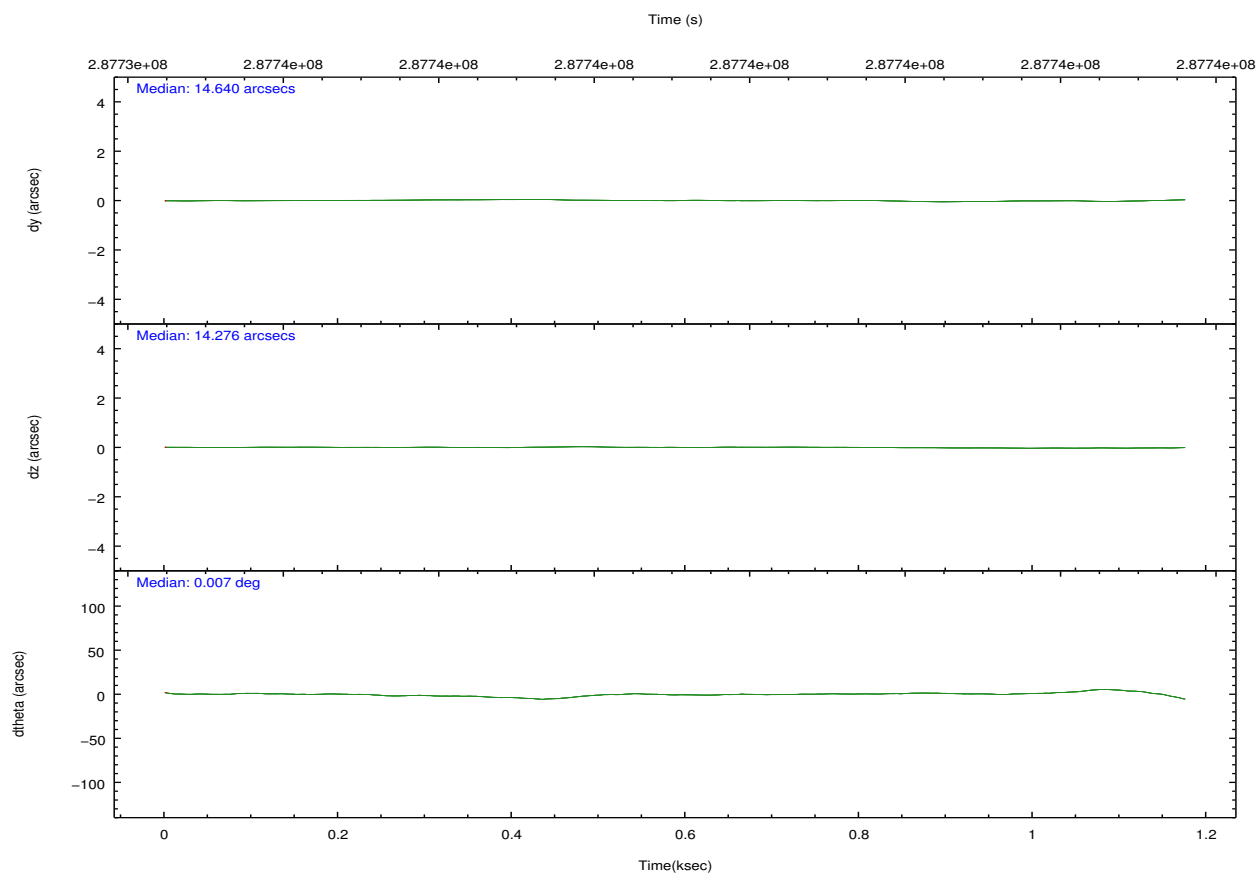
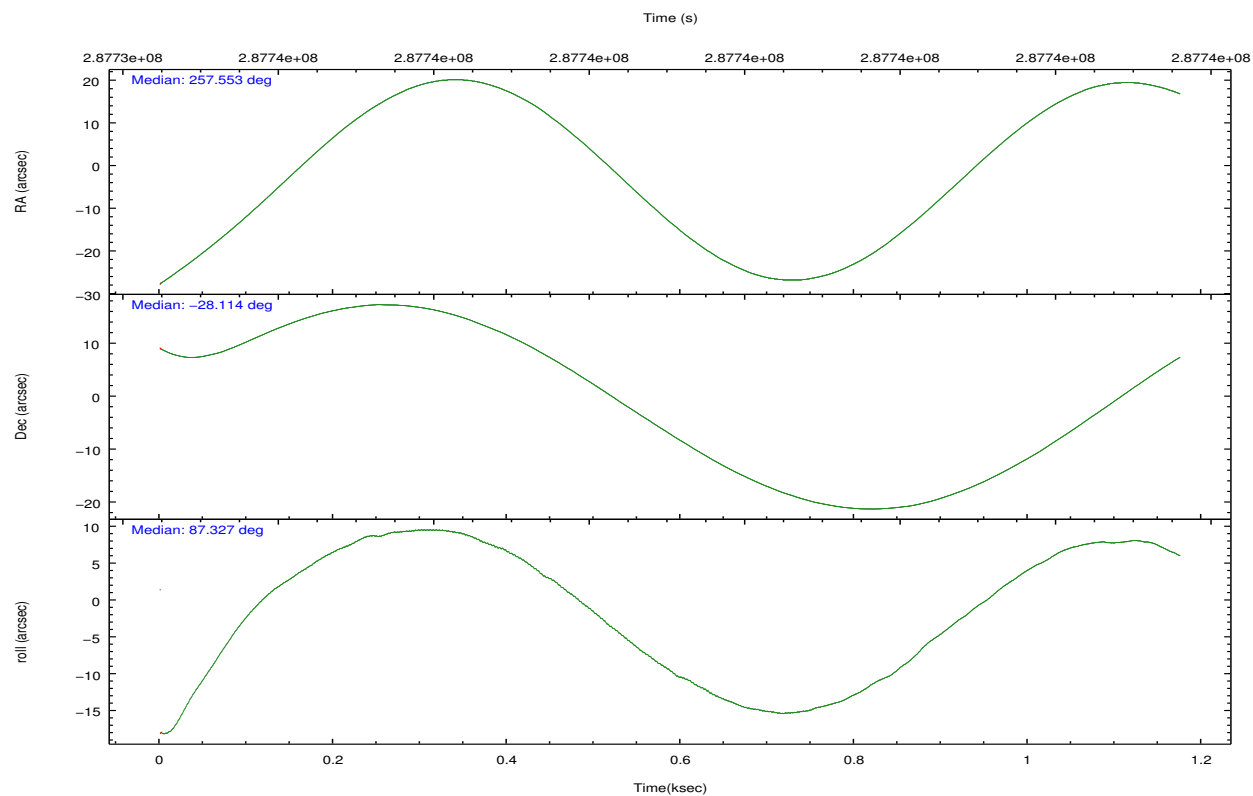
## 2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-I	HRC-I
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	257.566765	257.5524905968293
[deg] Pointing Dec	-28.138326	-28.11425971401222
[deg] Pointing Roll	87.432457	87.33012706455841
[mm] SIM focus pos	-1.040293	-1.038866356238299
[mm] SIM defocus	0	0.001426264420575141
[mm] SIM translation stage pos	126.985494	126.9854943052878
[mm] SIM translation stage offset	0	-5.413686238853188e-06
[s] Observation start time (MET)	287735089.184000	287733984.93229
Observation start date	2007-02-13T06:23:44	2007-02-13T06:06:24
[s] Observation end time (MET)	287736089.184000	287736961.53243
Observation end date	2007-02-13T06:40:24	2007-02-13T06:56:01

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

## 2.3 Aspect





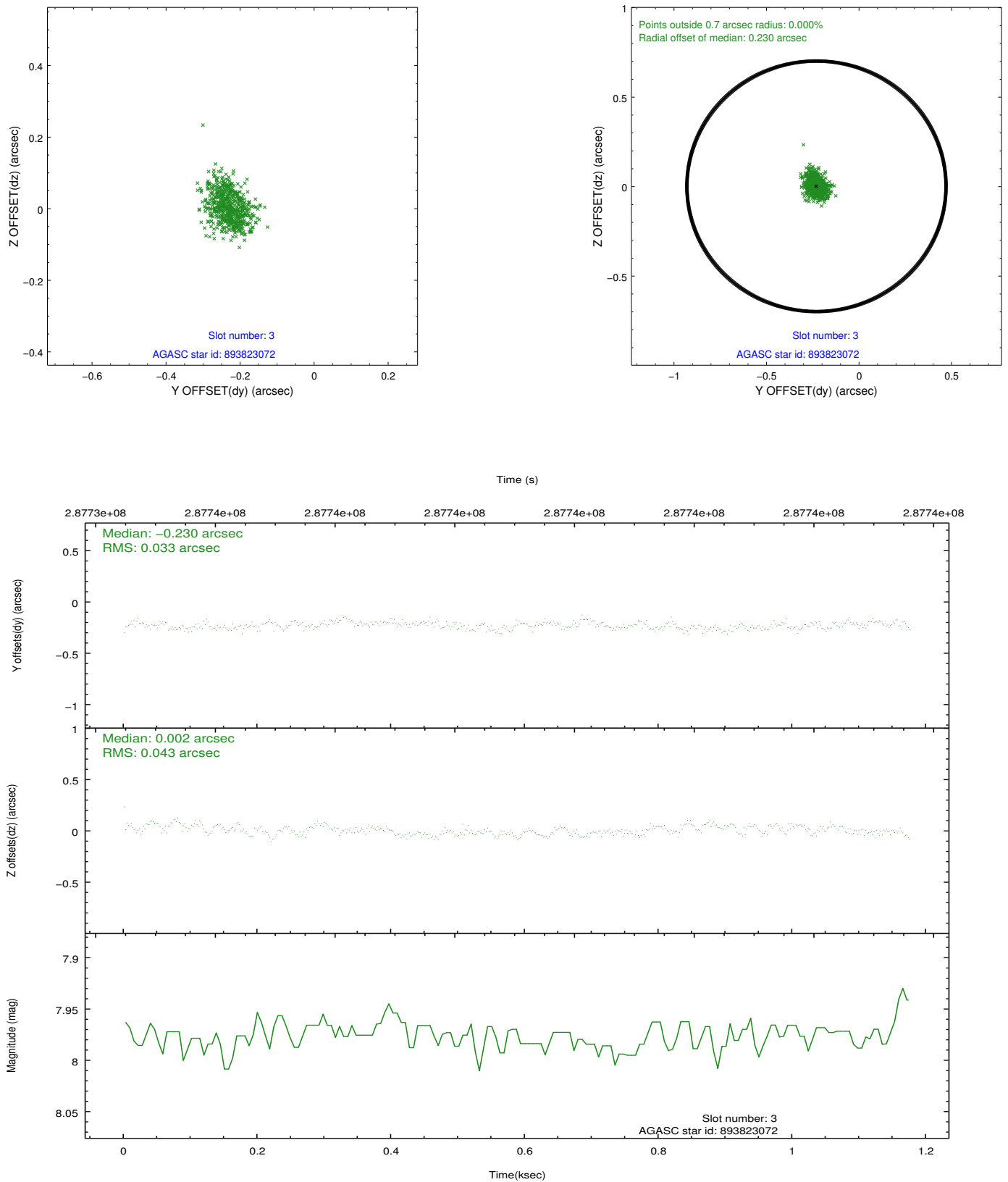
### Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.98	287	-0.079	0.025	0.009	0.027	0.000000	0.000000	-770.48	-1302.37
1	FID	HRC-I-2	7.03	287	0.207	-0.098	0.011	0.023	0.000000	0.000000	839.75	-1308.57
2	FID	HRC-I-3	7.08	287	-0.009	-0.017	0.012	0.033	0.000000	0.000000	-1196.02	997.57
3	GUIDE	893823072	7.98	574	-0.230	0.002	0.057	0.090	257.197321	-27.640257	1735.73	1259.01
4	GUIDE	893911288	7.99	574	0.114	-0.145	0.070	0.110	257.537829	-27.773394	1310.44	154.68
5	GUIDE	894436944	8.97	574	0.350	0.365	0.103	0.159	257.805809	-28.631015	-1736.78	-832.03
6	GUIDE	893825968	8.24	574	-0.218	-0.099	0.078	0.128	256.902289	-27.731082	1359.99	2180.80
7	GUIDE	893827472	8.90	572	-0.028	-0.101	0.094	0.148	256.919116	-27.702224	1472.01	2137.85

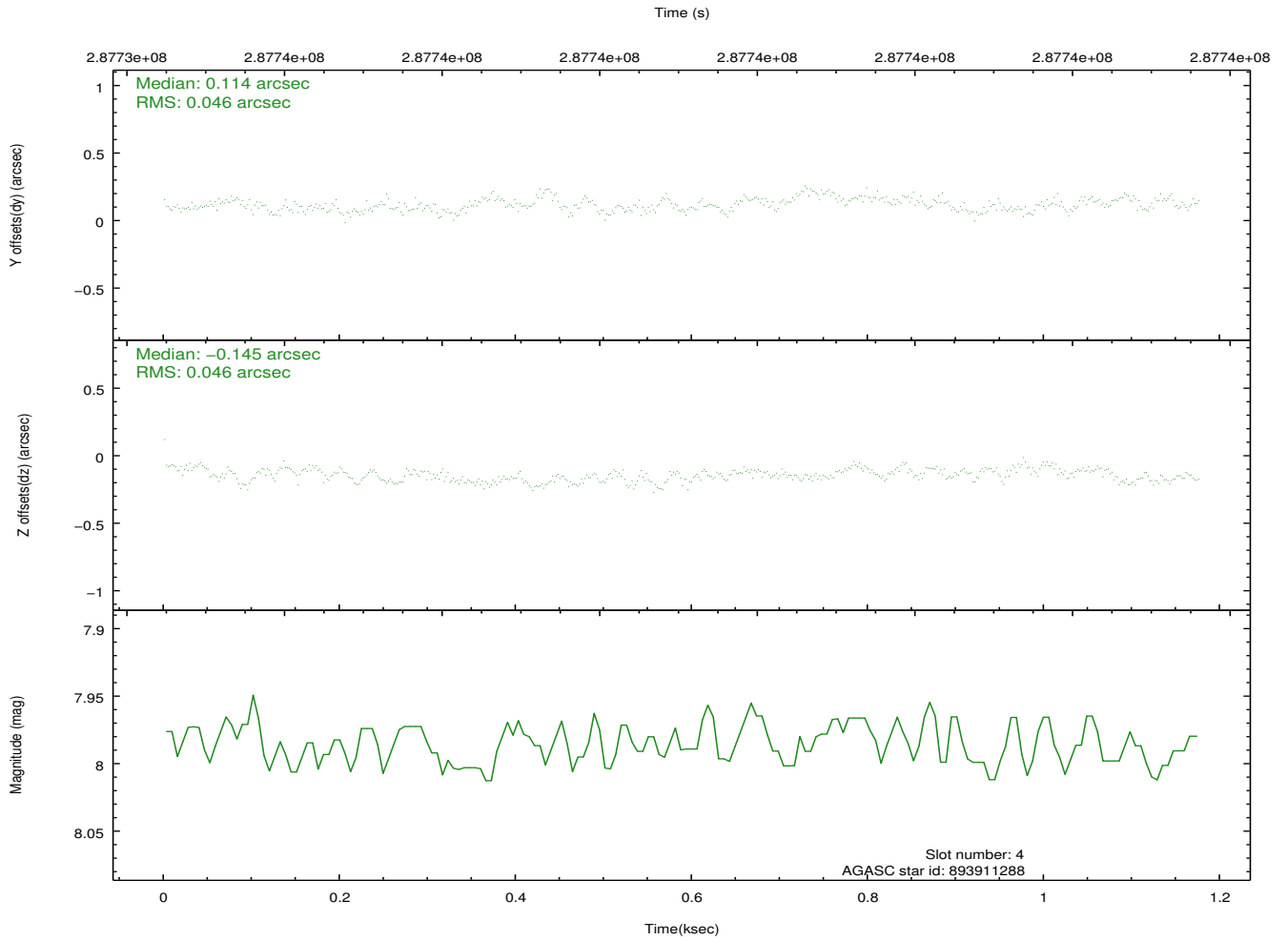
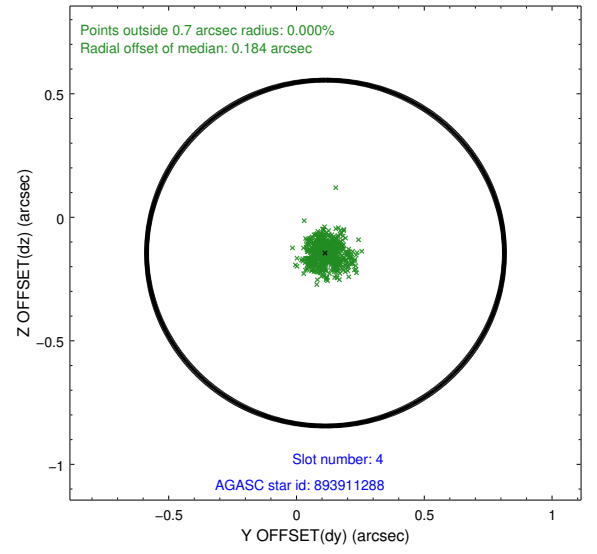
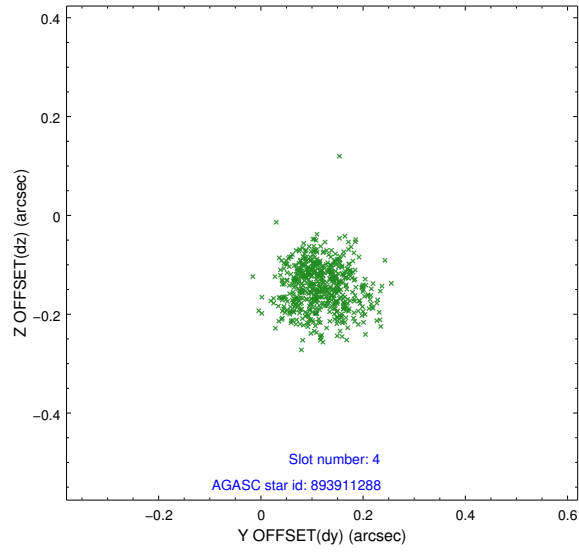


## 2.4 Star Slots

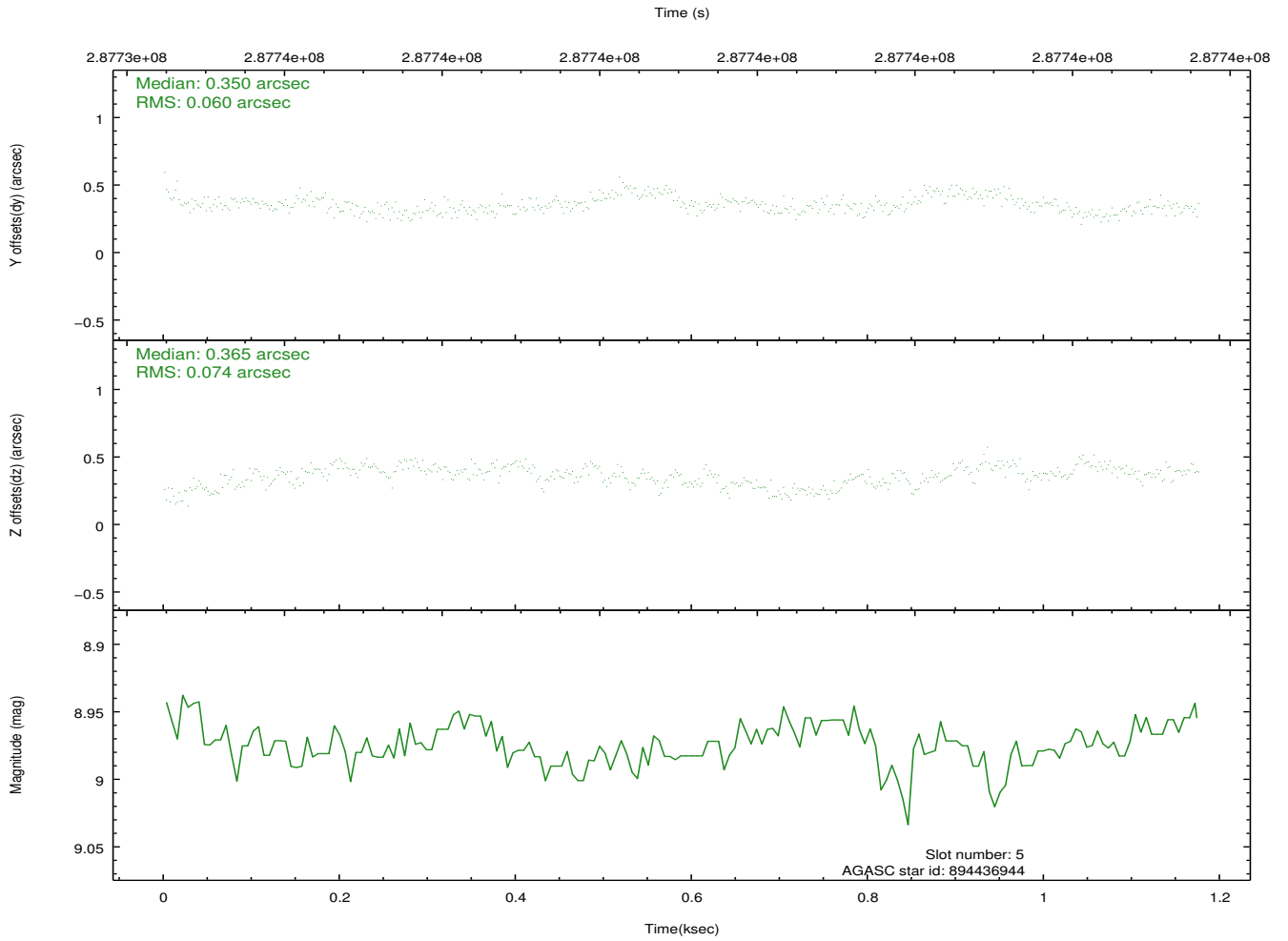
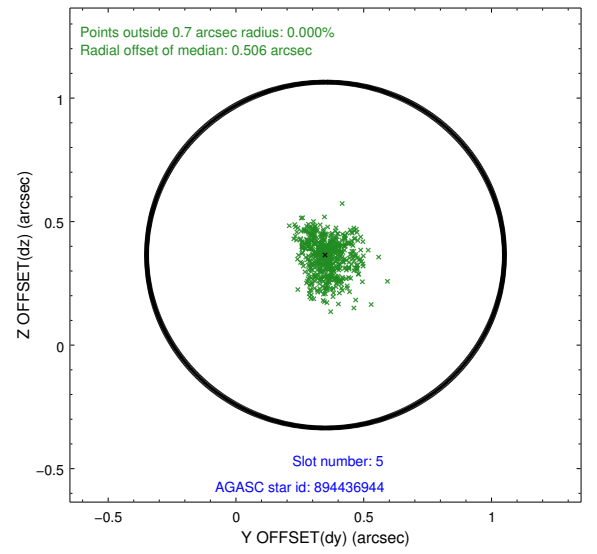
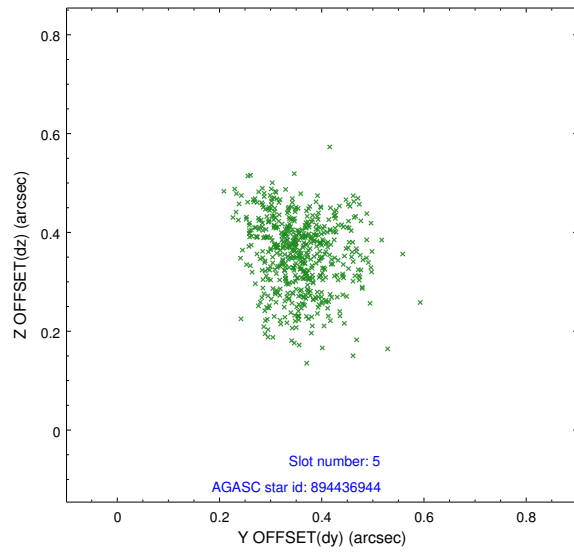
### 2.4.1 Slot 3



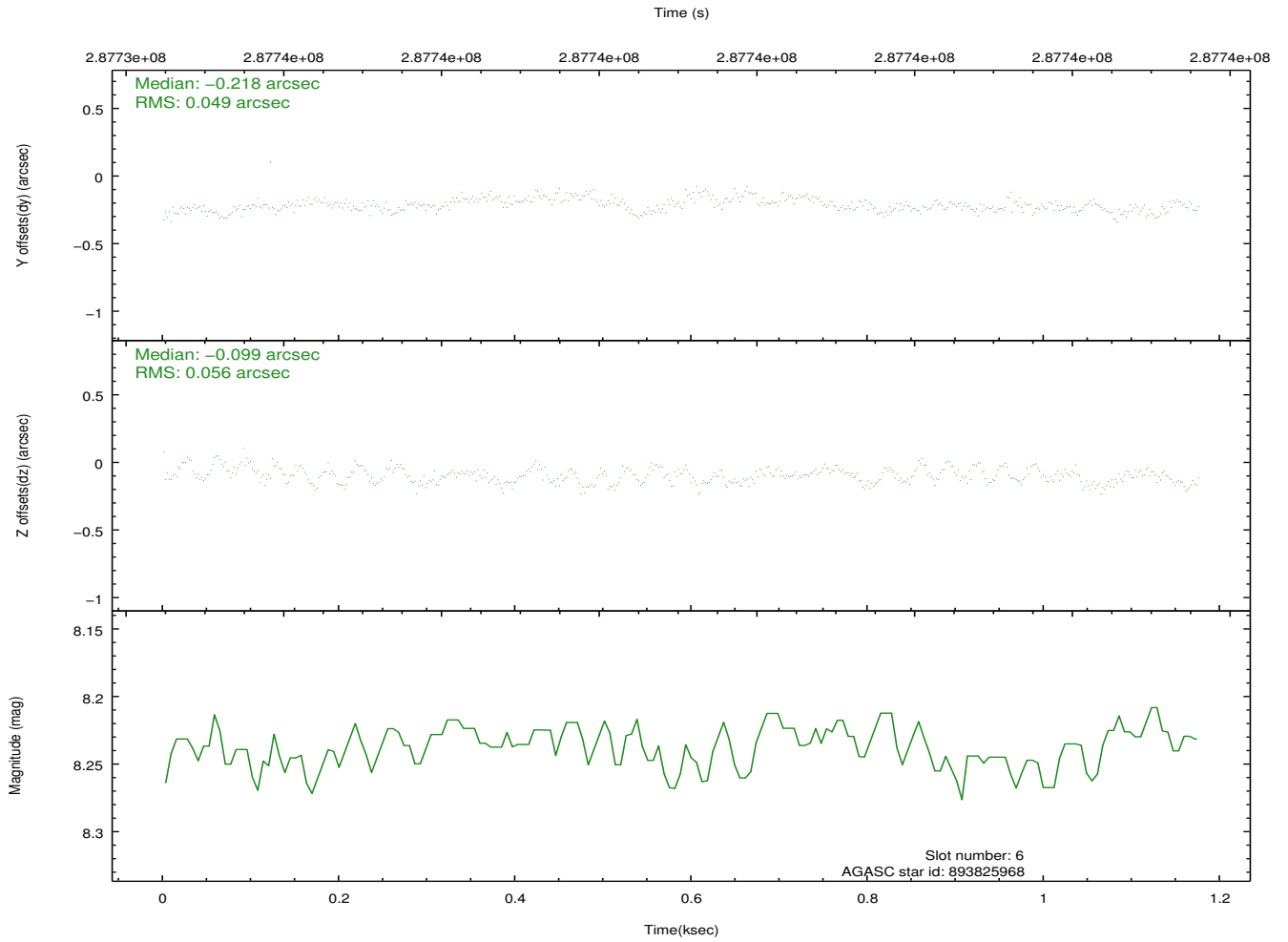
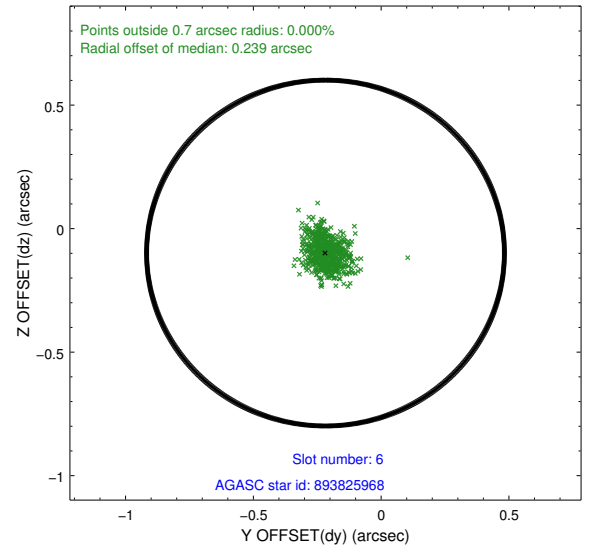
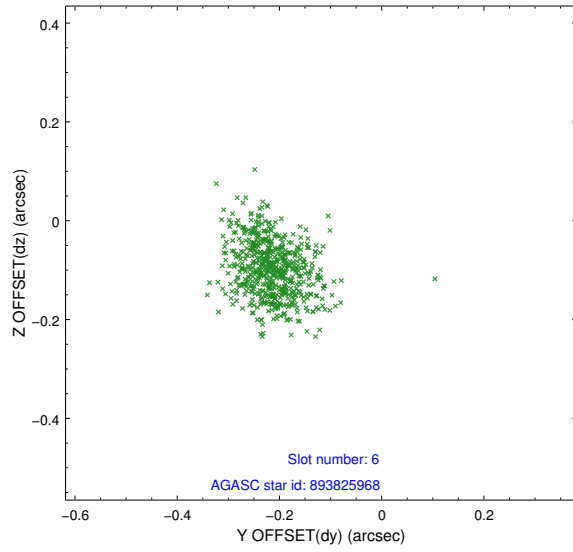
## 2.4.2 Slot 4



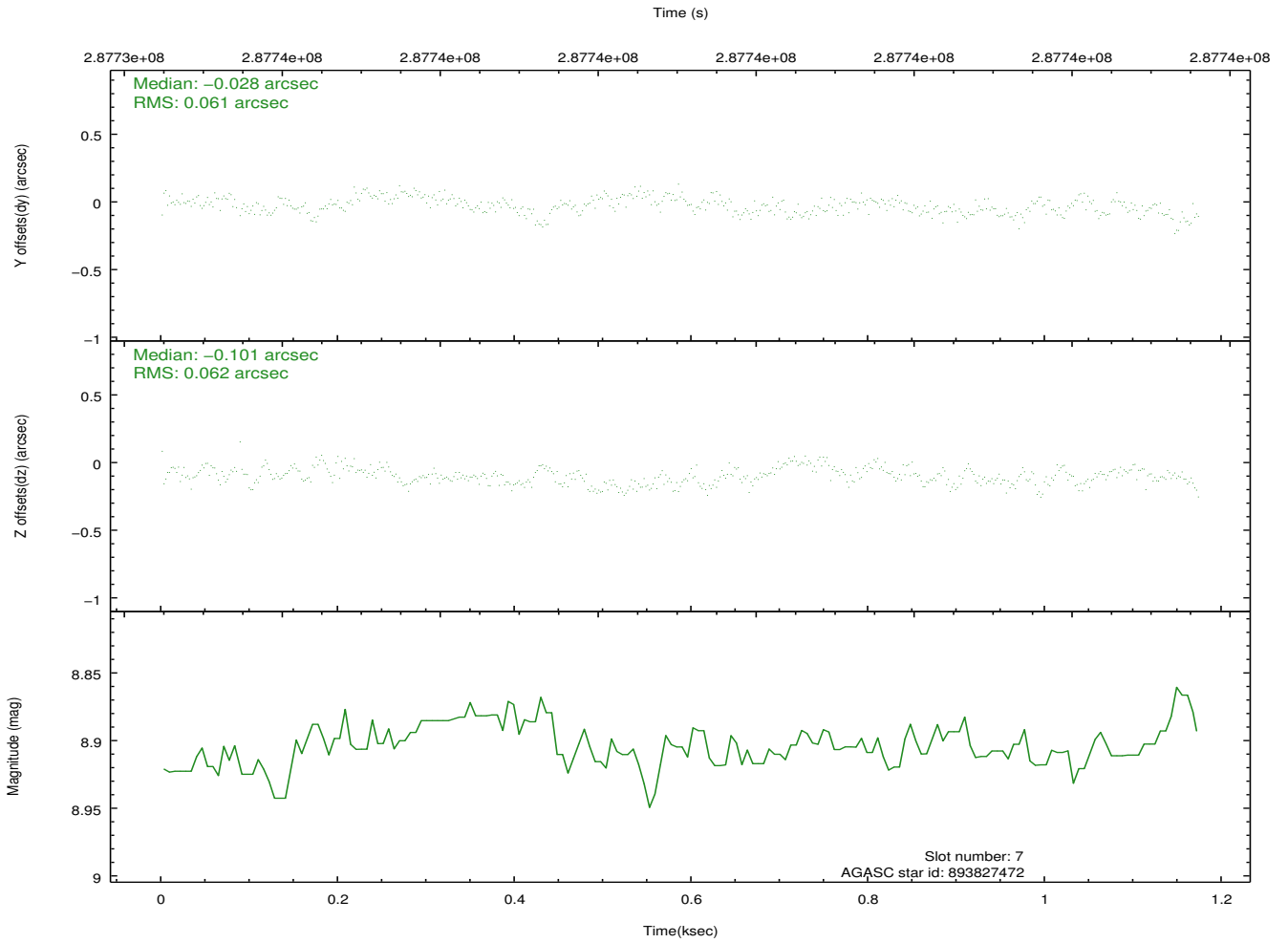
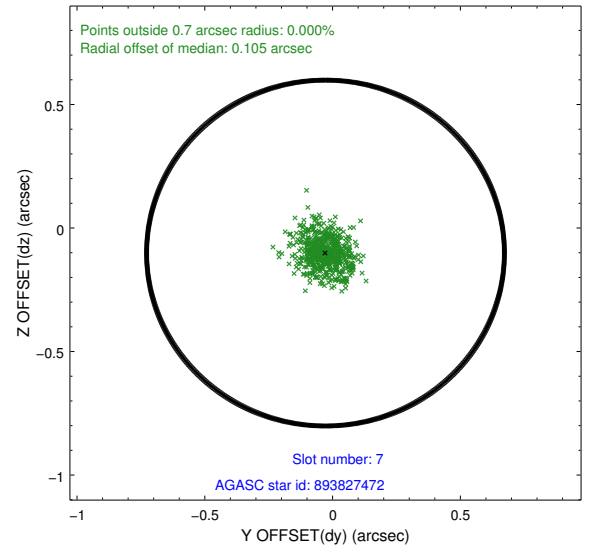
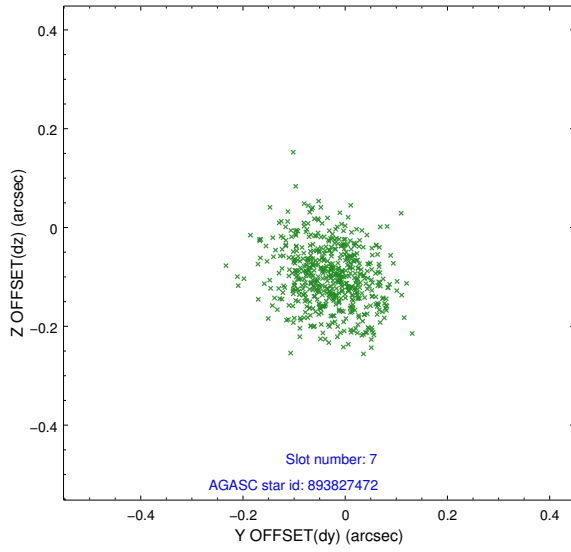
### 2.4.3 Slot 5



## 2.4.4 Slot 6

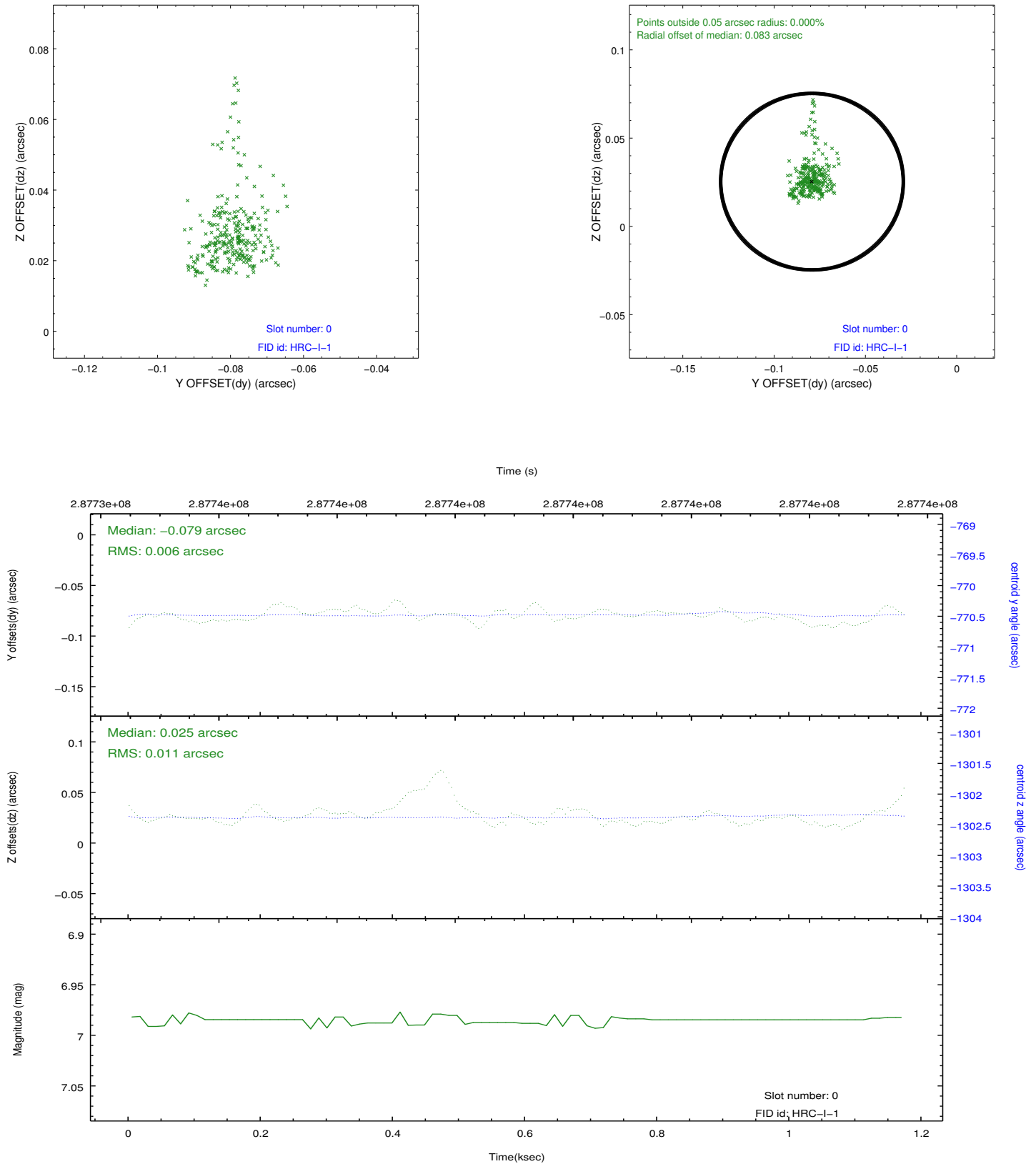


## 2.4.5 Slot 7

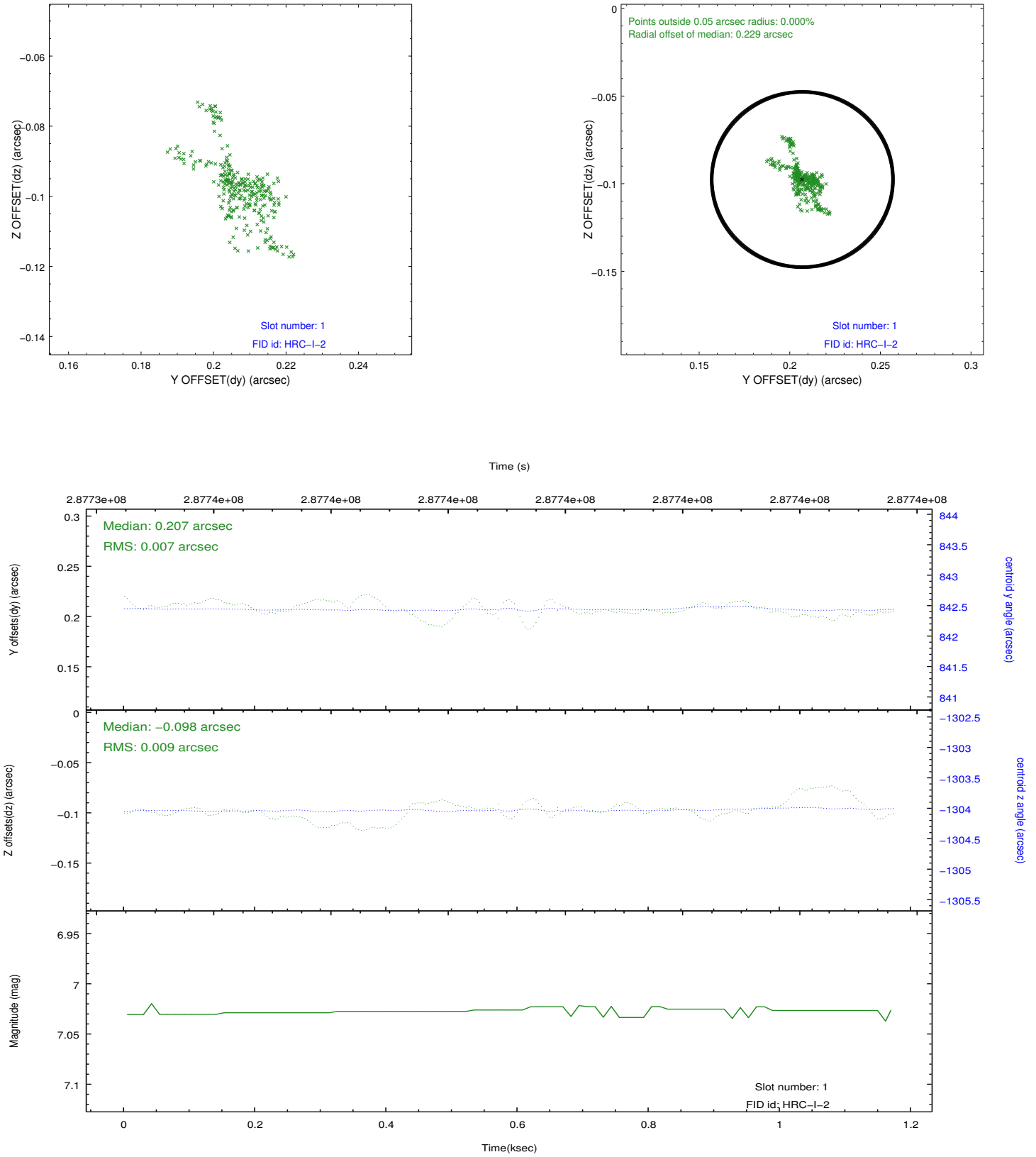


## 2.5 FID Slots

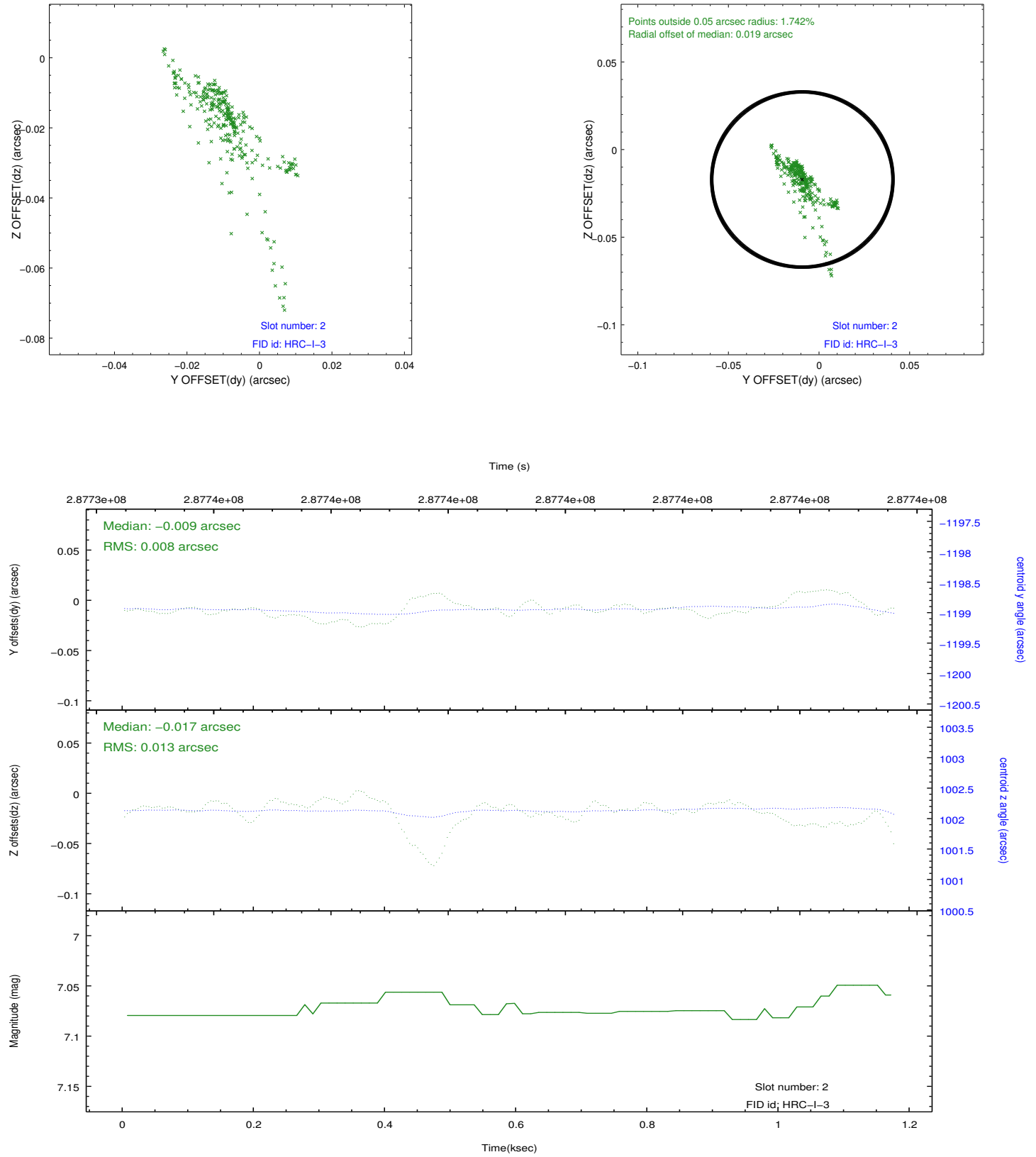
### 2.5.1 Slot 0



## 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)	2012.08.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1738813

### A.2 Comments