

# V&V Reference Report

## L2 ASCDS Version : 8.4.4

Observation 7468 - L2 Version 4  
Chandra X-Ray Center

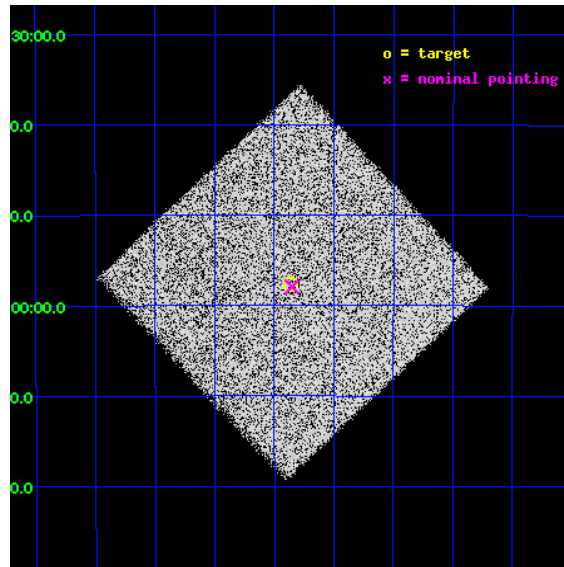
L2 Processing Date : Aug 11 2012

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# 1 Front

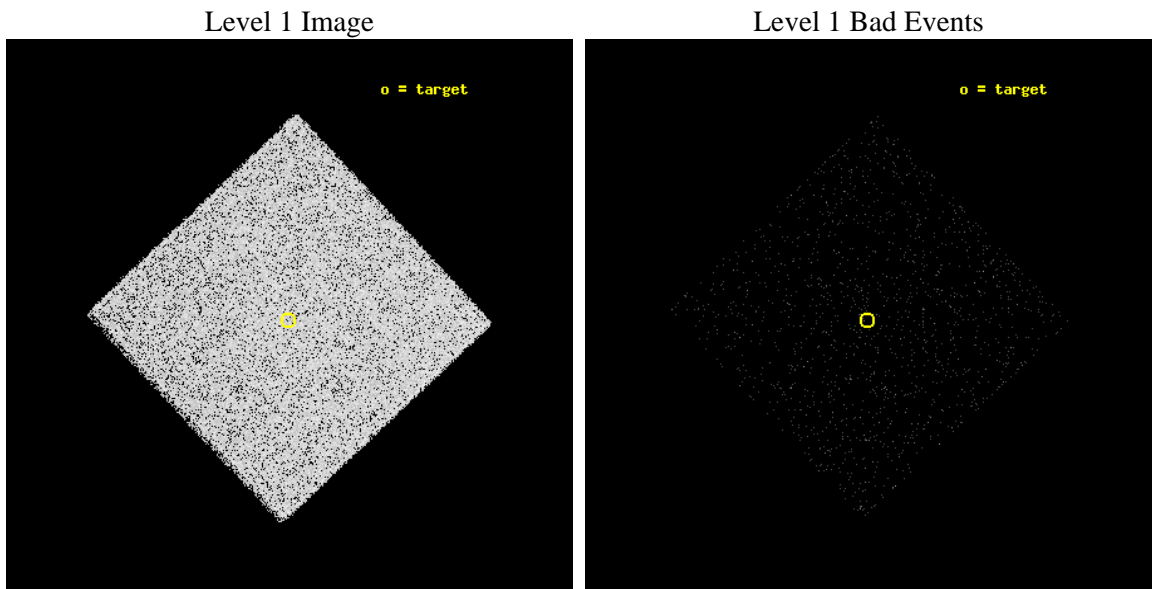
seq_num	400578	Sequence number
obs_id	7468	Observation id
title	Chandra follow-up of weak persistent sources found in INTEGRAL maps	&#160
observer	Prof Mariano Mendez	Principal investigator
object	IGR J17522-2657	Source name
ra_targ	268.090833	Observer's specified target RA [deg]
dec_targ	-26.961667	Observer's specified target Dec [deg]
ra_nom	268.08810819522	Nominal RA [deg]
dec_nom	-26.965263534544	Nominal Dec [deg]
roll_nom	271.81093404418	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1179.7750567198	[s]
livetime	1167.80574295	Ontime multiplied by DTCOR
l2events	68229	Number of level 2 events



## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



### 2.1.2 Parameters

obi_num	1	Obi number	sched_exp_time	1000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1179.7750567198	[s]
caldbver	4.5.1.1	&#160	l1events	118031	Number of level 1 events
date	2012-08-11T23:35:41	Date and time of file creation			
revision	4	Processing version of data			

### 2.1.3 Events

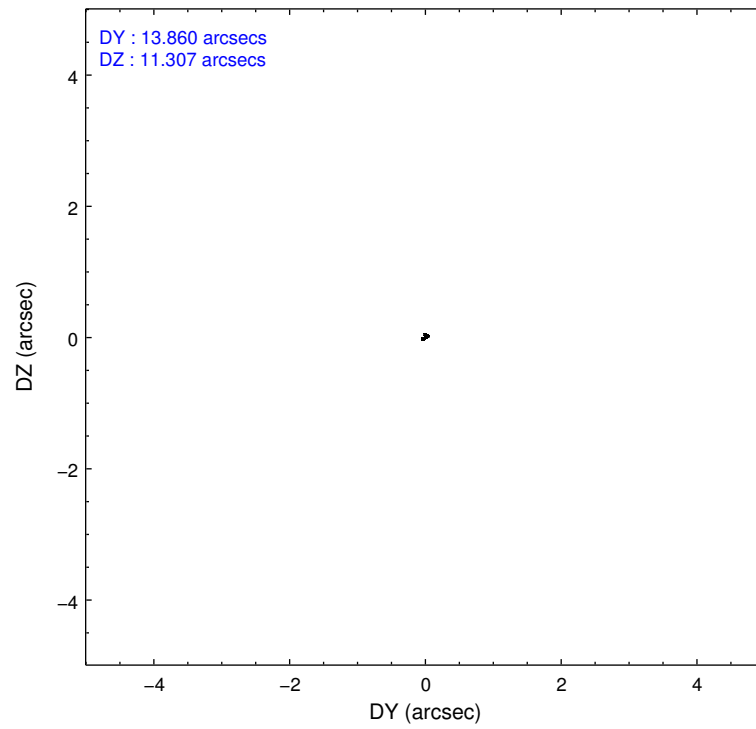
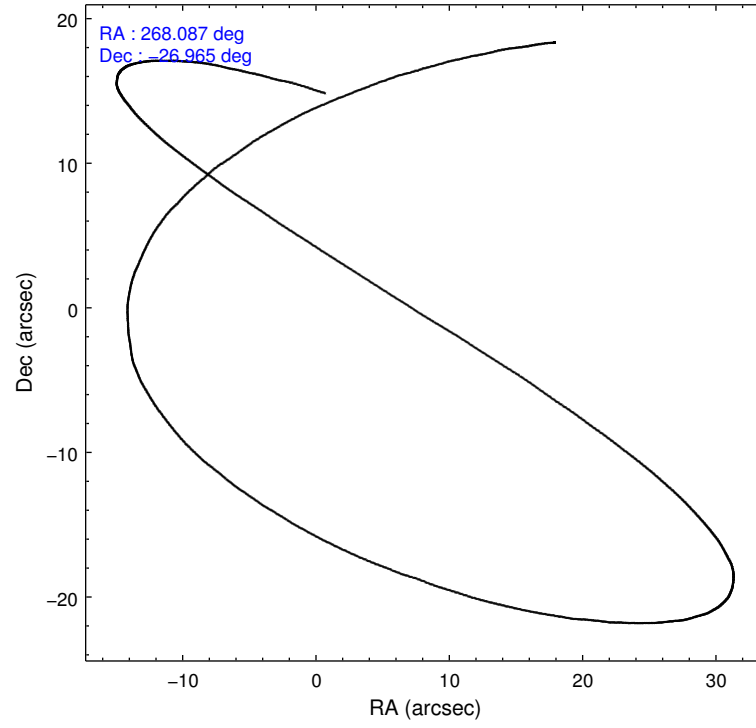
#### Level 1 Events

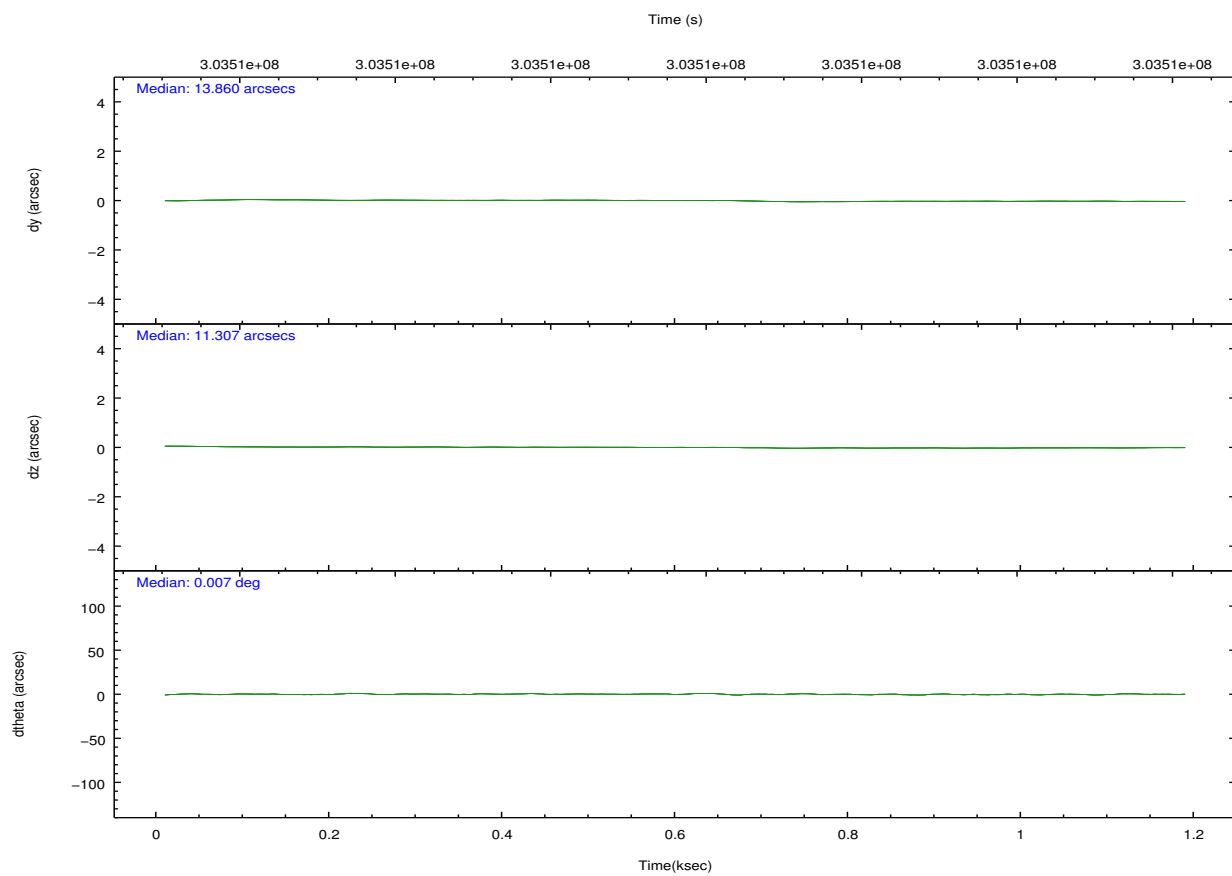
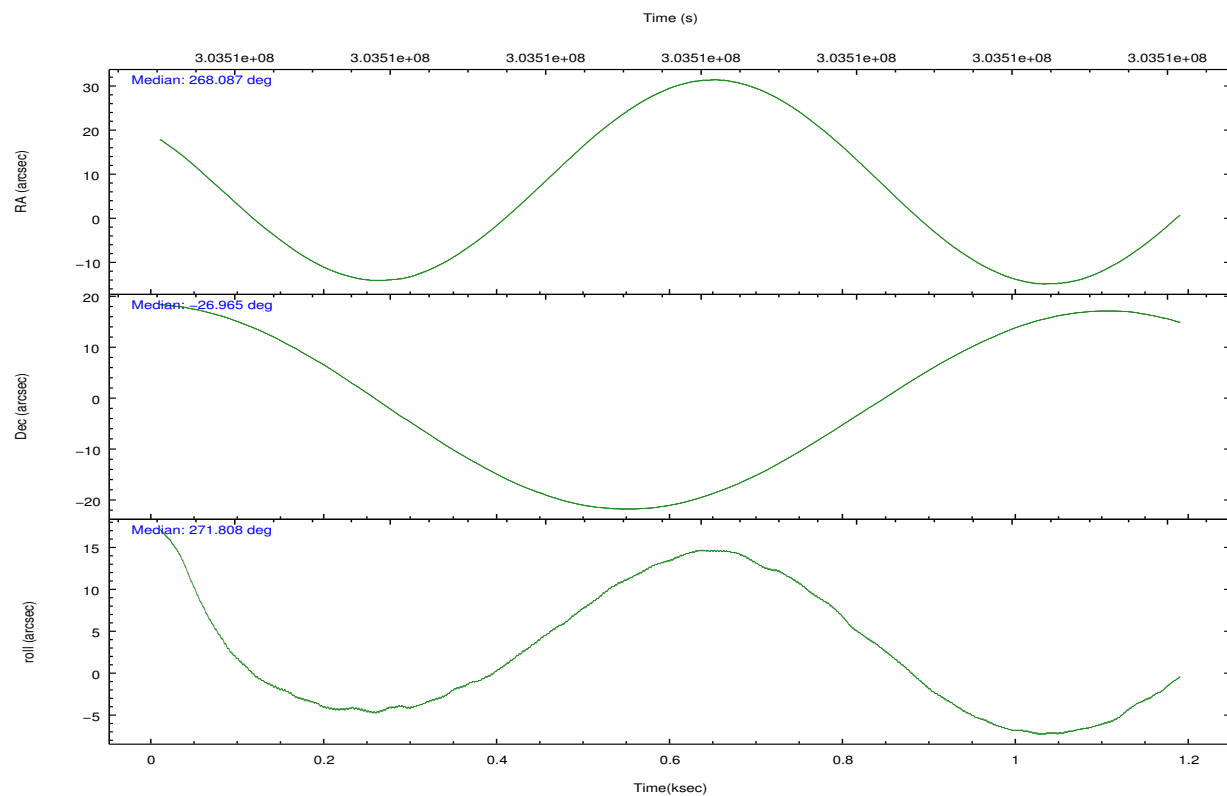
	<b>segment 0</b>
level 1 events	118031
rejected events	16883
rejected %	14%

## 2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	7	7
Detector	HRC-I	HRC-I	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
[deg] Pointing RA	268.072543	268.0881081952237			
[deg] Pointing Dec	-26.942863	-26.96526353454448			
[deg] Pointing Roll	271.899318	271.8109340441831			
[mm] SIM focus pos	-1.040293	-1.038866356238299			
[mm] SIM defocus	0	0.001426264420575141			
[mm] SIM translation stage pos	126.985494	126.9829799899862			
[mm] SIM translation stage offset	0	0.002508901615314585			
[s] Observation start time (MET)	303508959.184000	303508499.93551			
Observation start date	2007-08-14T20:01:34	2007-08-14T19:54:59			
[s] Observation end time (MET)	303509959.184000	303510108.16059			
Observation end date	2007-08-14T20:18:14	2007-08-14T20:21:48			

## 2.3 Aspect





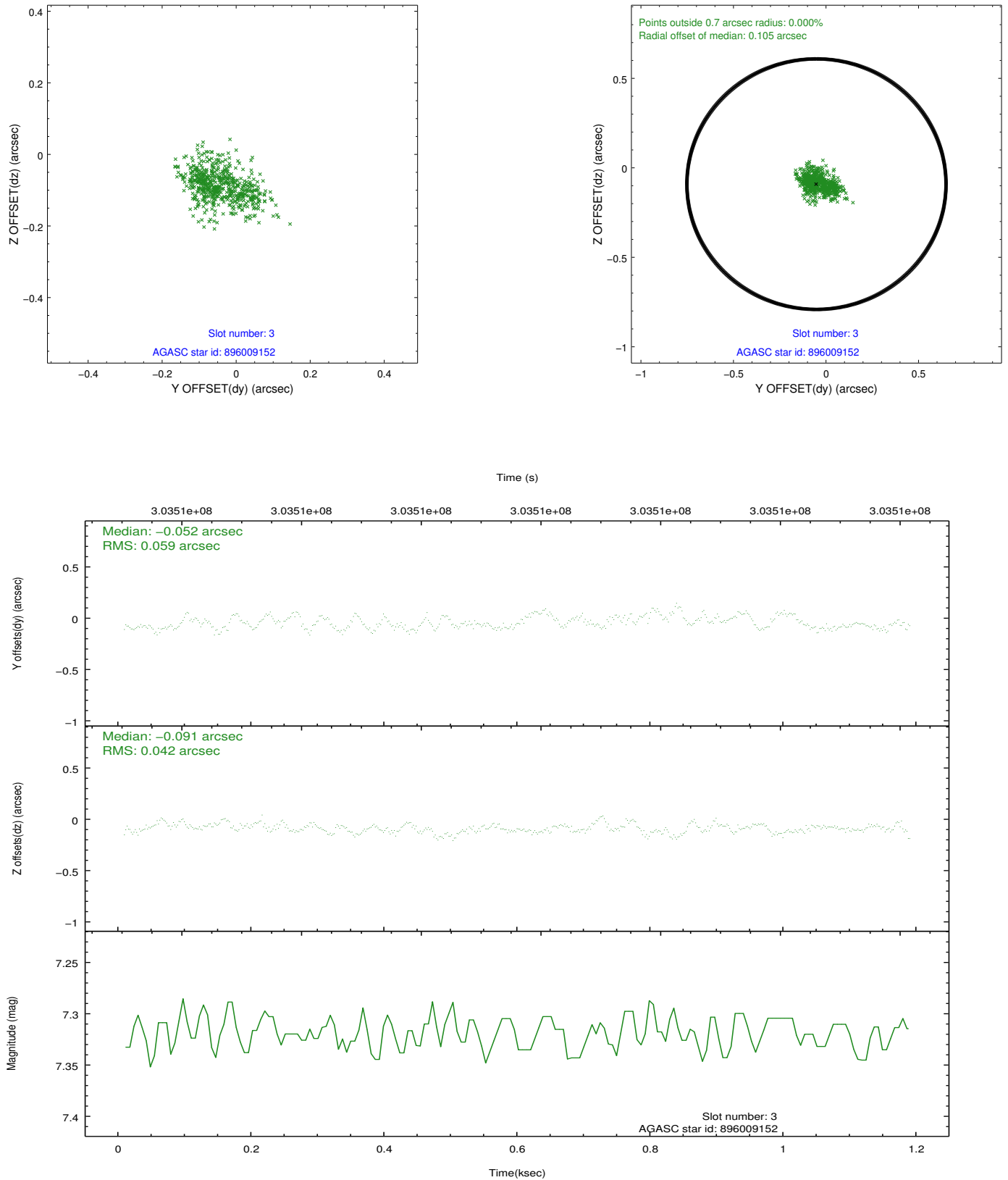
### Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.96	288	-0.067	0.002	0.006	0.010	0.000000	0.000000	-769.67	-1299.29
1	FID	HRC-I-2	6.99	288	0.207	-0.106	0.005	0.008	0.000000	0.000000	840.57	-1305.45
2	FID	HRC-I-3	7.05	288	-0.021	0.015	0.005	0.008	0.000000	0.000000	-1195.23	1000.74
3	GUIDE	896009152	7.32	577	-0.052	-0.091	0.077	0.124	267.588100	-27.061669	381.39	-1562.95
4	GUIDE	896011832	8.58	577	0.069	-0.015	0.084	0.129	267.406704	-27.398054	1575.98	-2180.64
5	GUIDE	897712576	8.13	577	-0.441	-0.095	0.058	0.092	268.256910	-26.333794	-2167.00	666.97
6	GUIDE	897721184	8.55	577	0.641	-0.068	0.073	0.127	268.625317	-26.632090	-1056.52	1819.62
7	GUIDE	897717760	7.26	576	-0.228	0.270	0.073	0.122	268.392593	-27.282645	1257.70	990.10

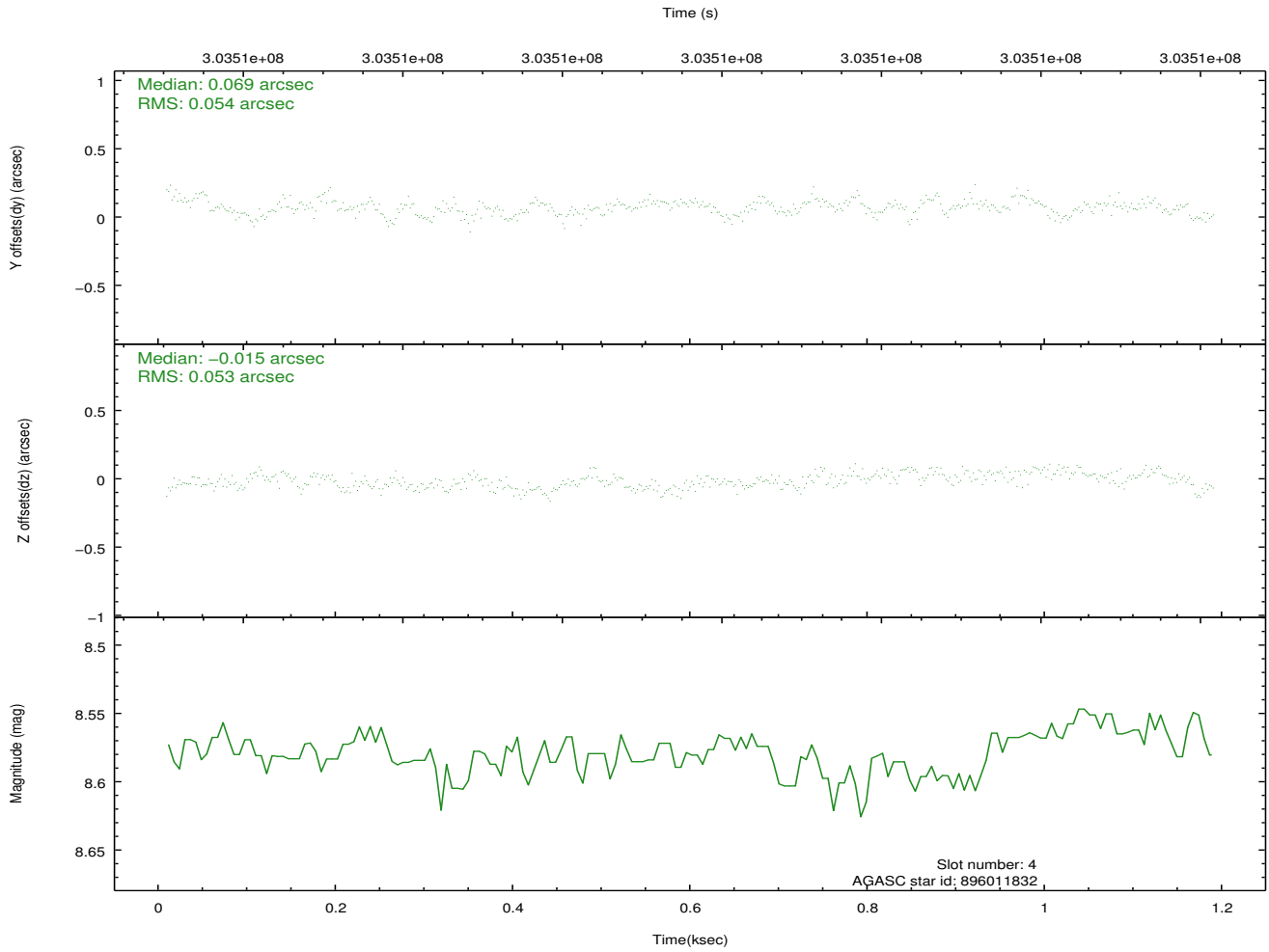
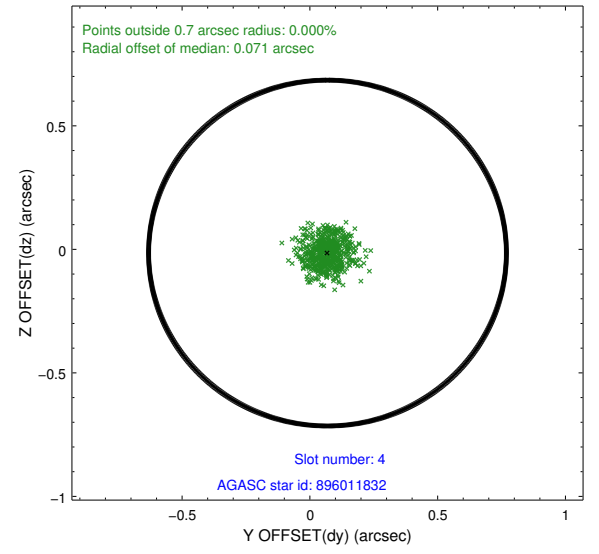
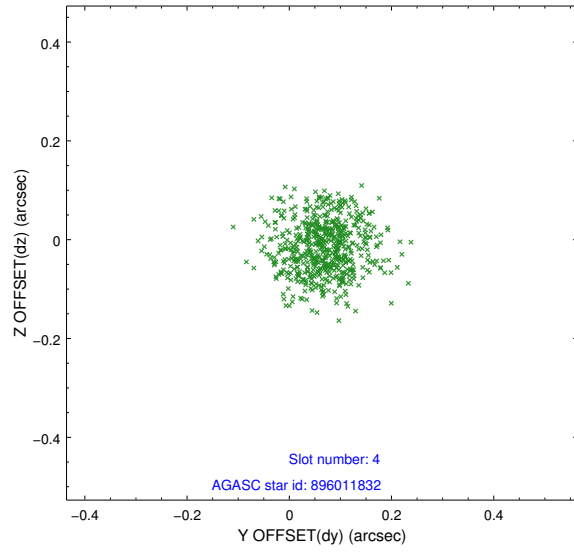


## 2.4 Star Slots

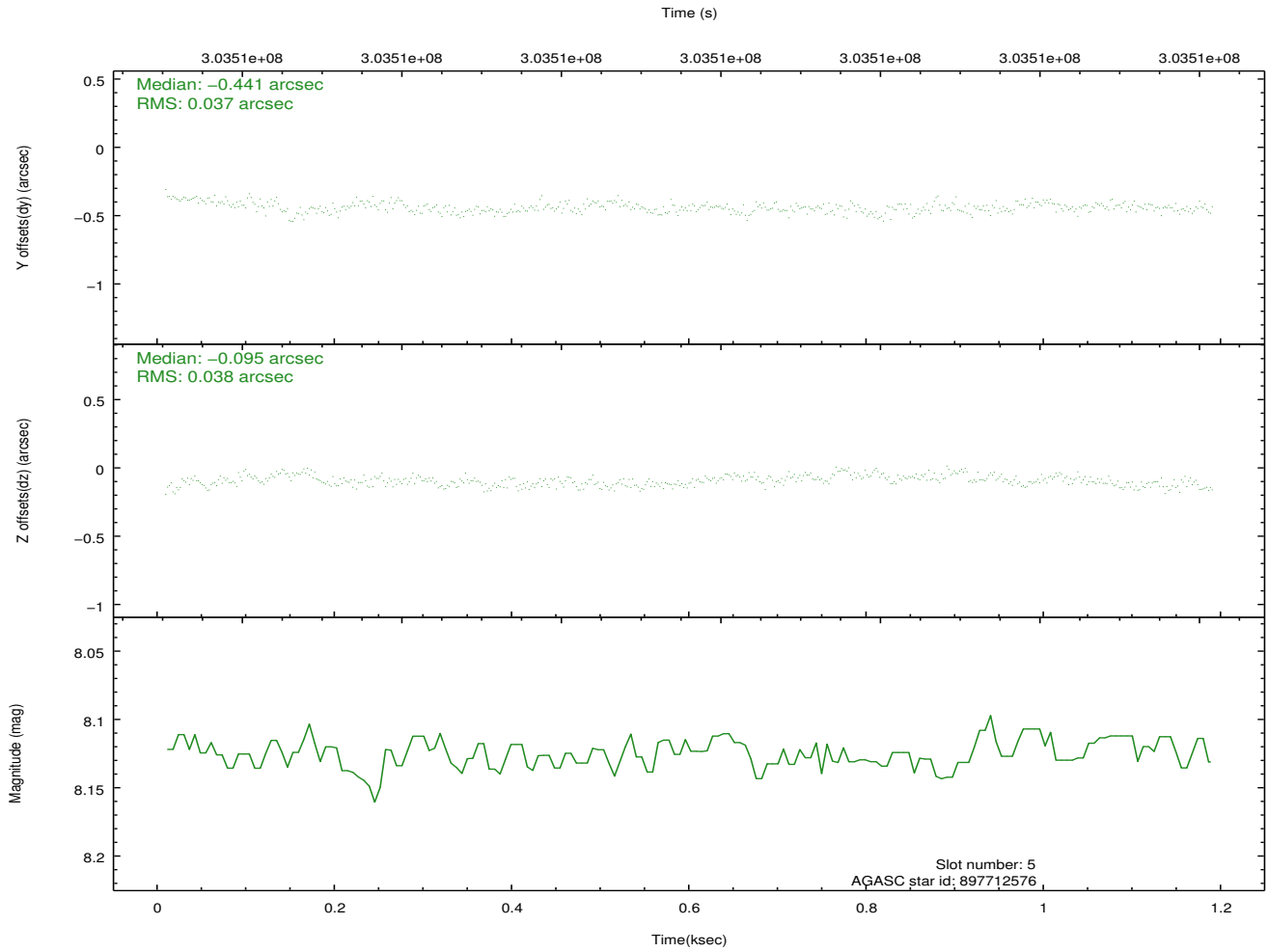
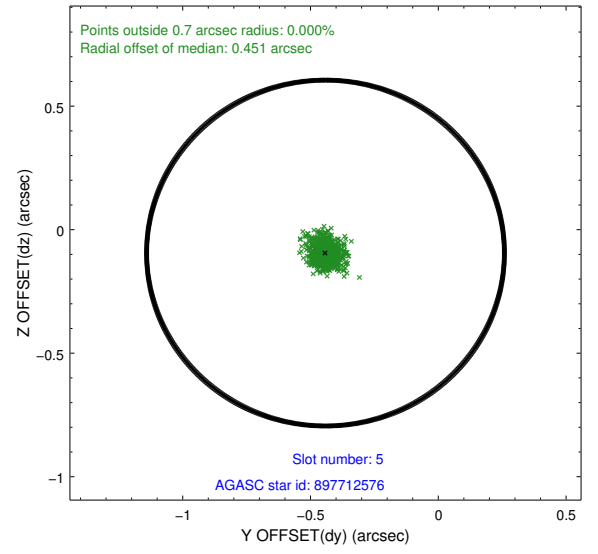
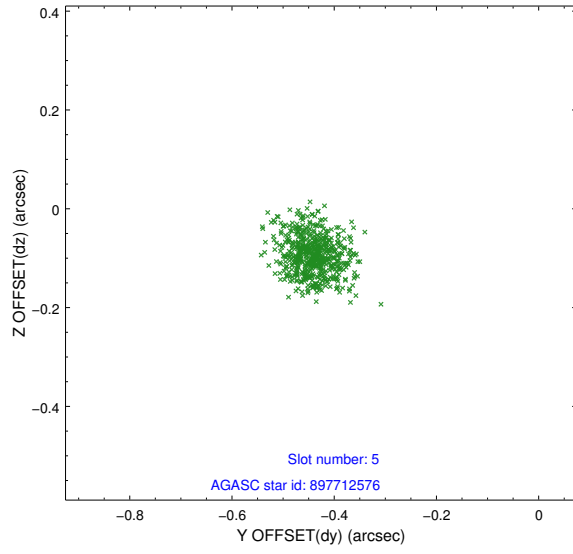
### 2.4.1 Slot 3



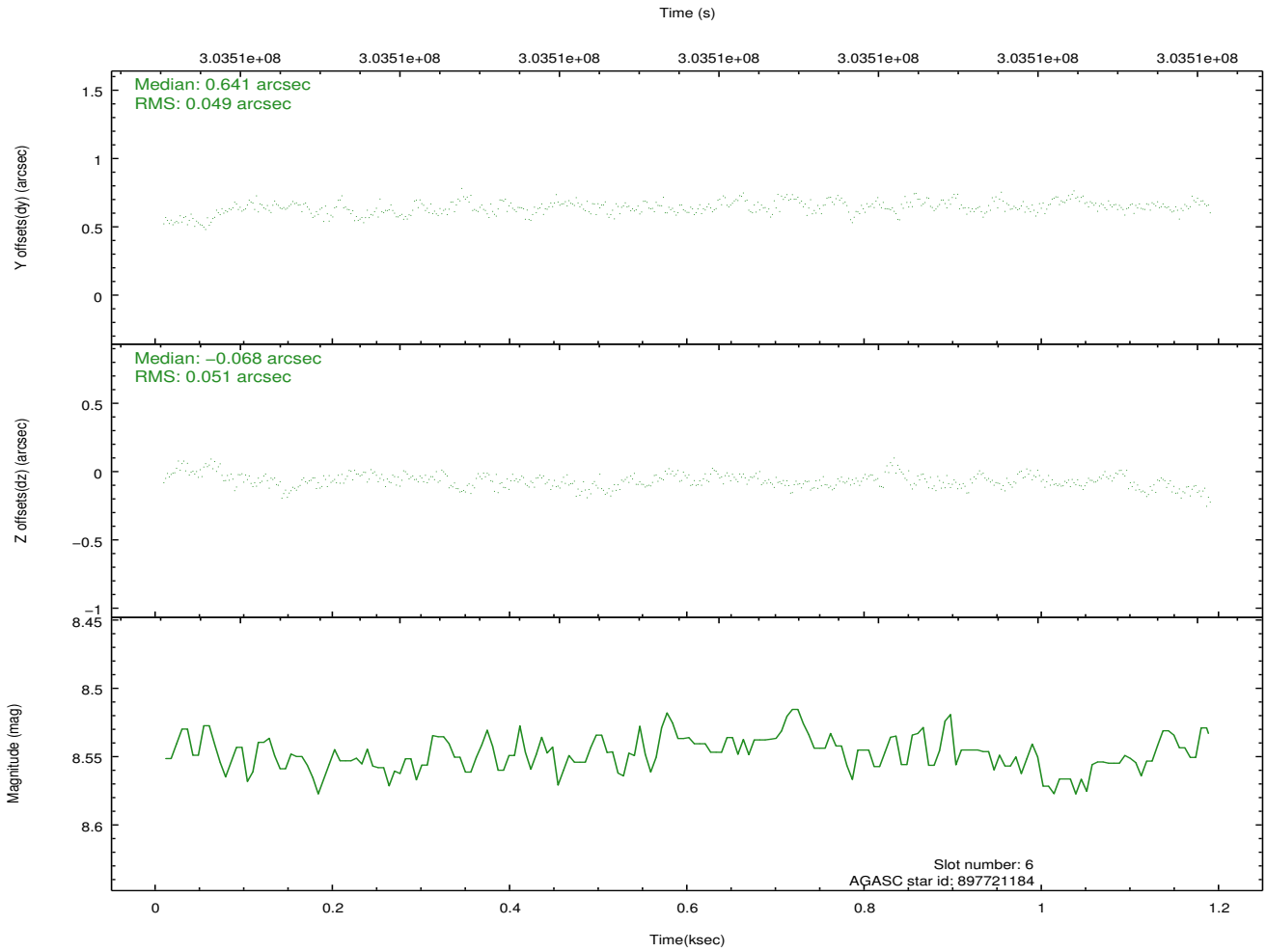
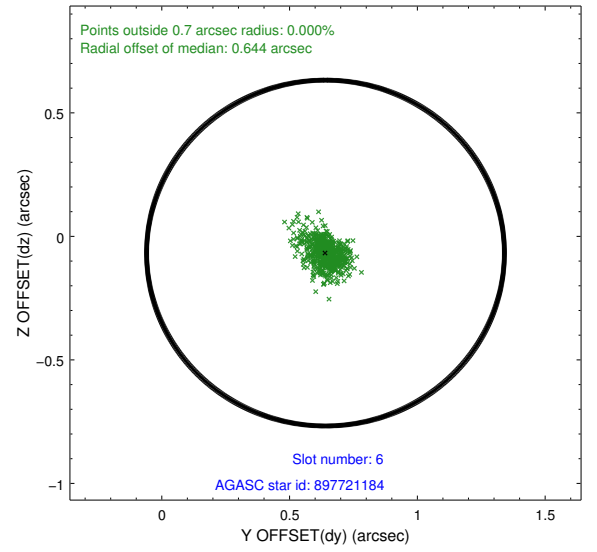
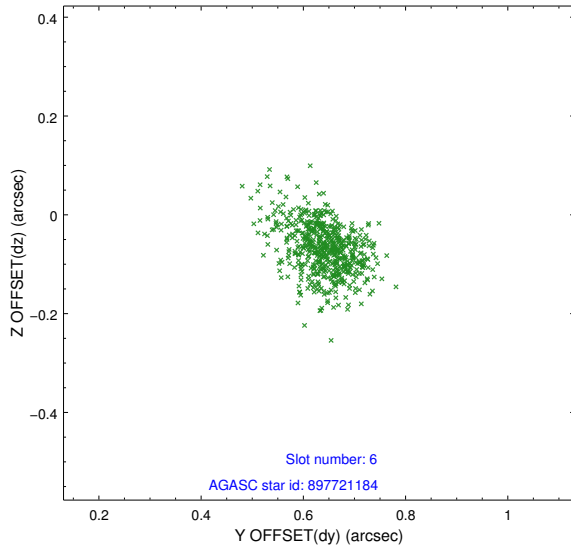
## 2.4.2 Slot 4



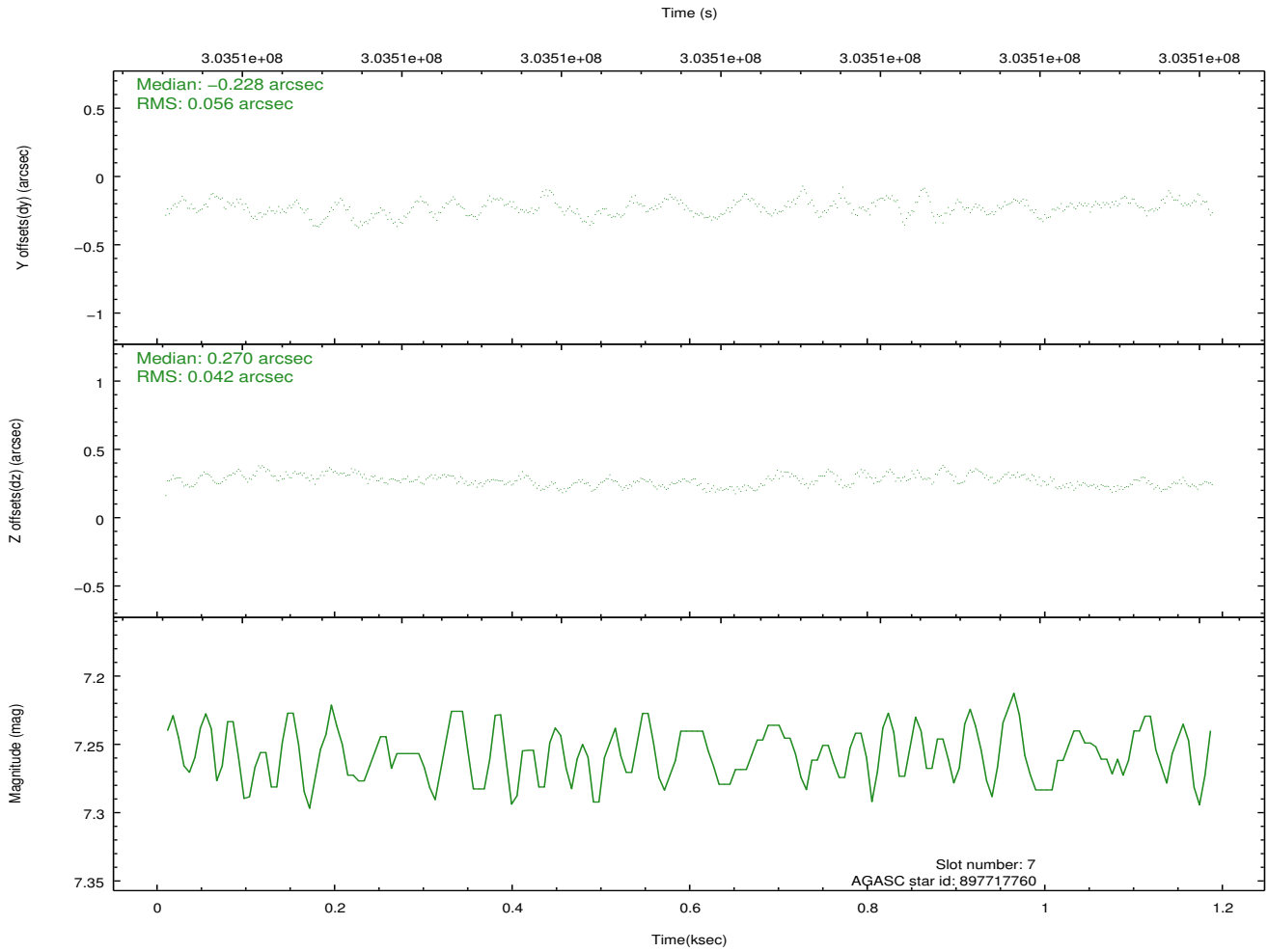
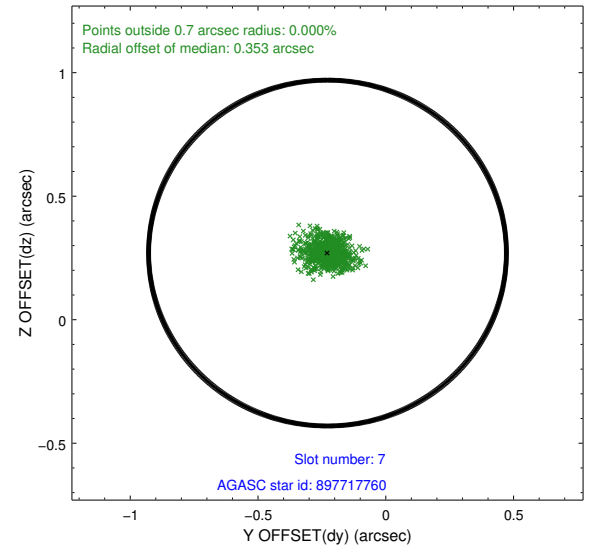
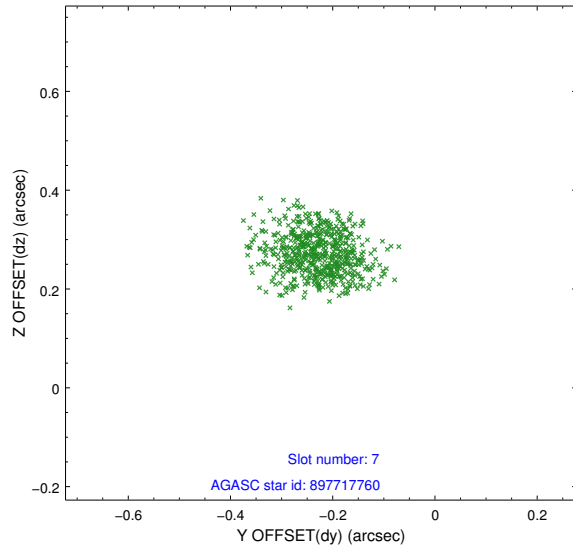
### 2.4.3 Slot 5



## 2.4.4 Slot 6

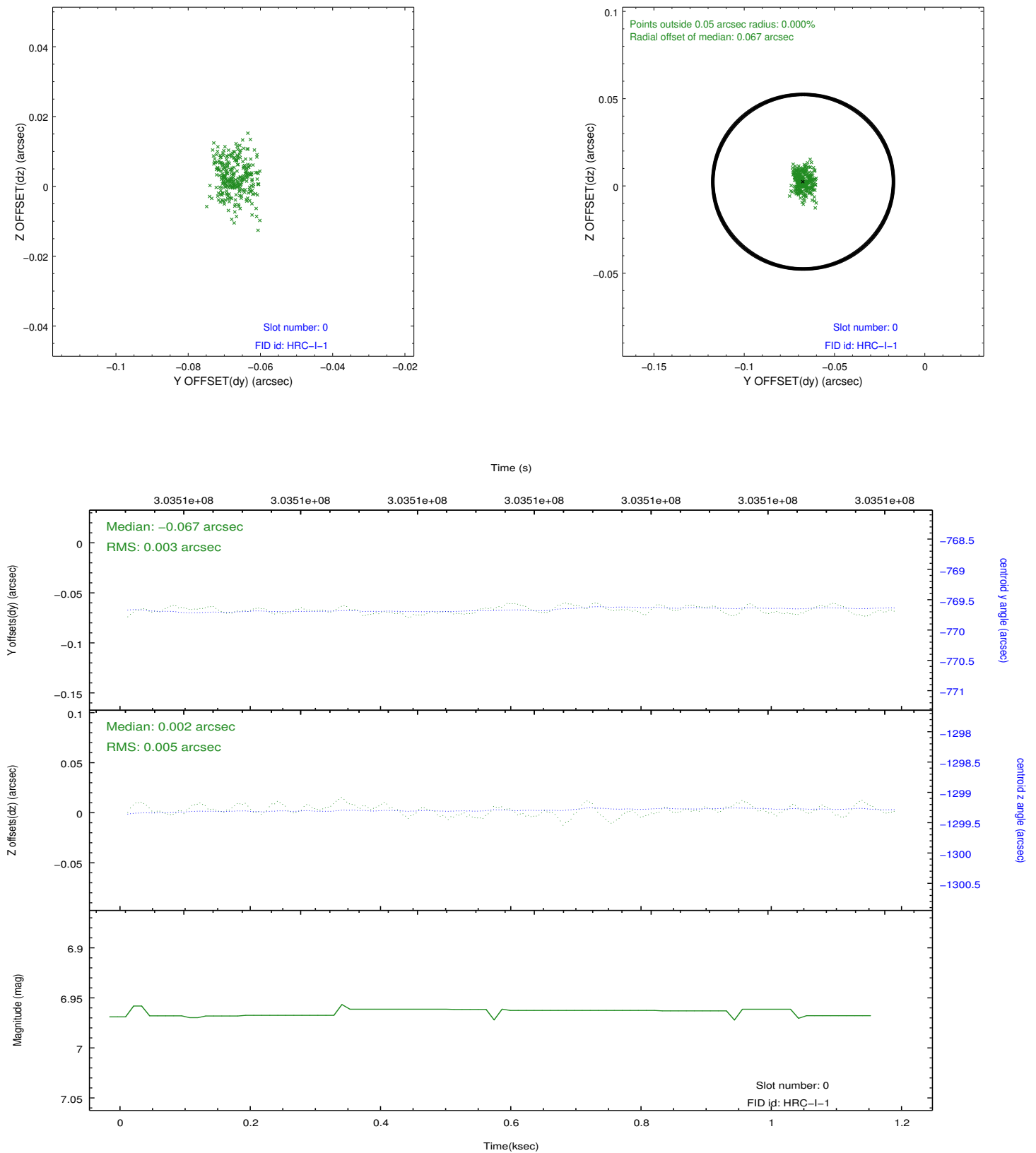


## 2.4.5 Slot 7

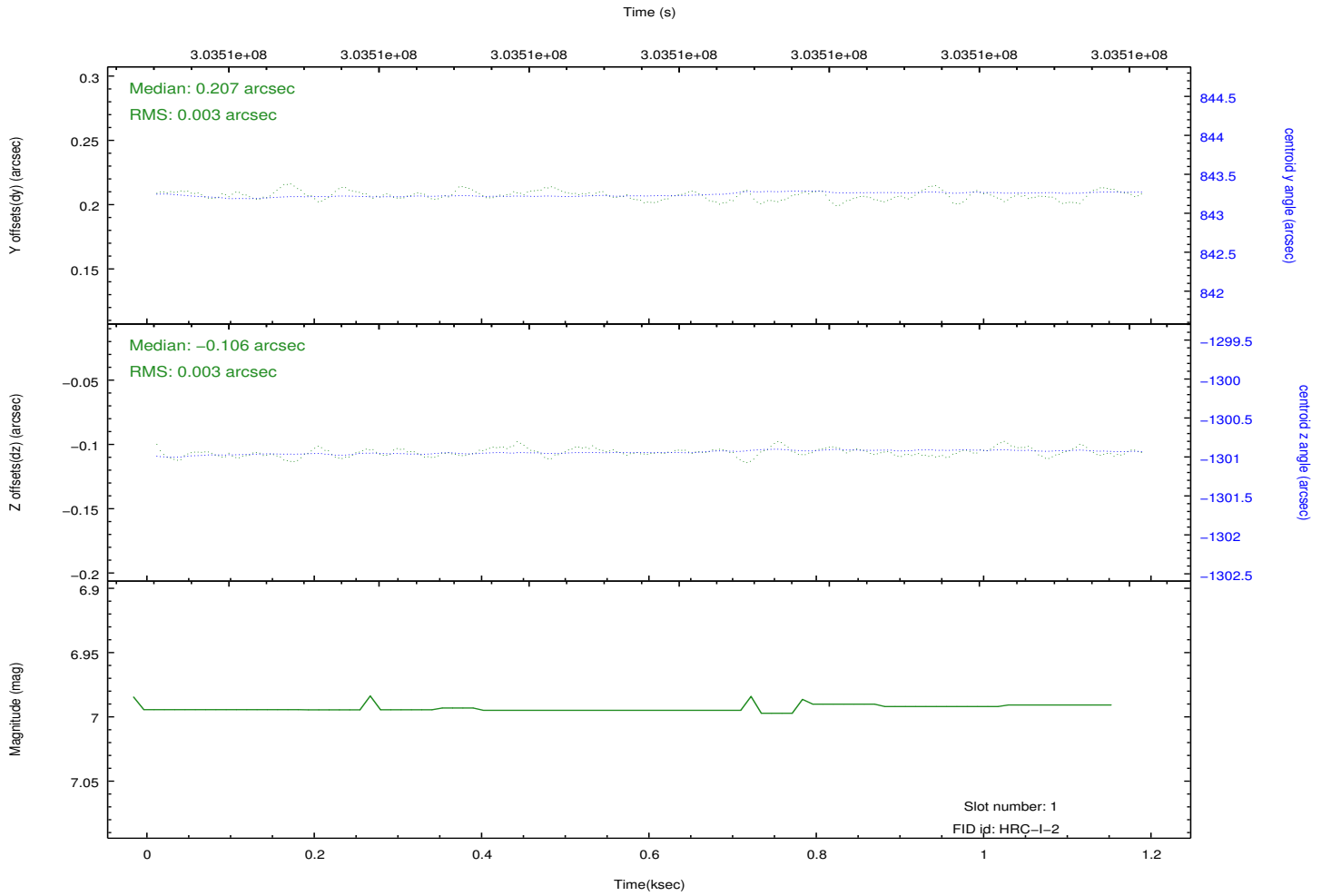
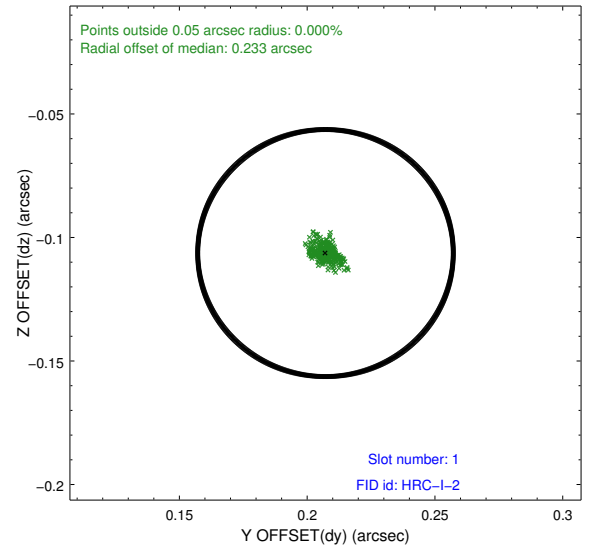
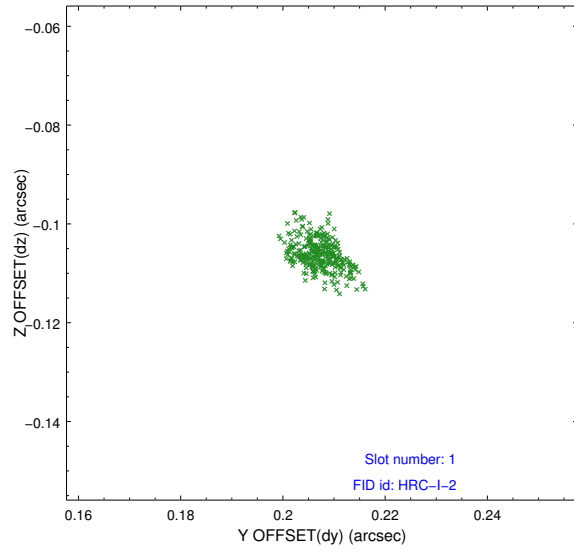


## 2.5 FID Slots

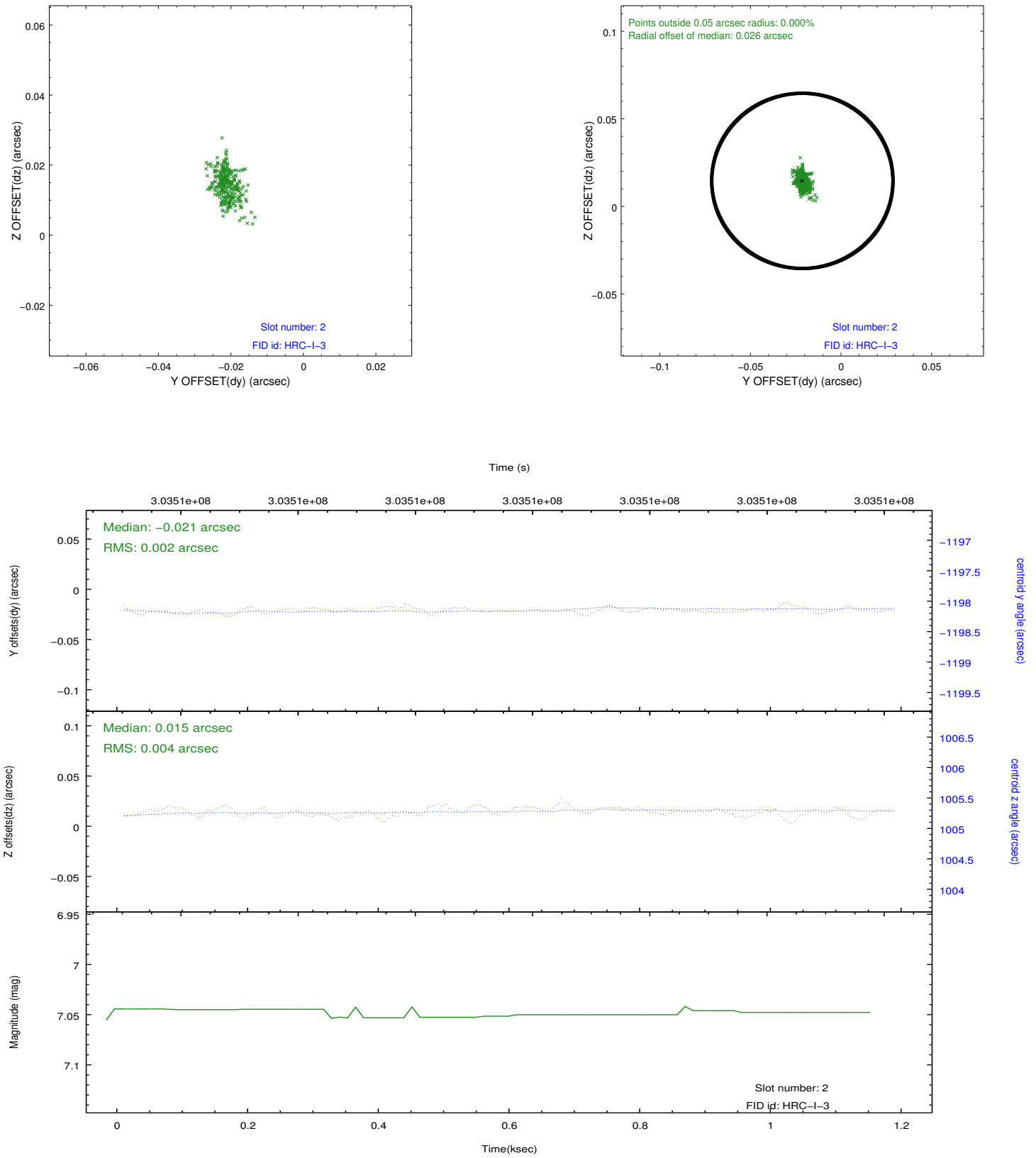
### 2.5.1 Slot 0



## 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)	2012.08.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1800313

### A.2 Comments