

# V&V Reference Report

## L2 ASCDS Version : 8.5.1.1

Observation 6195 - L2 Version 4  
Chandra X-Ray Center

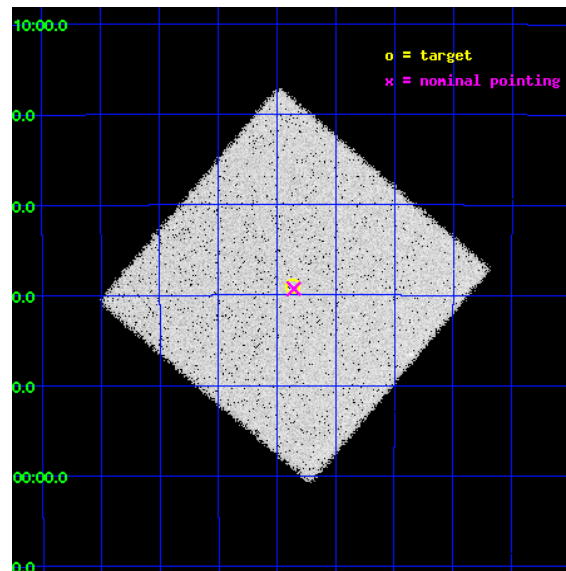
L2 Processing Date : Dec 30 2012

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# 1 Front

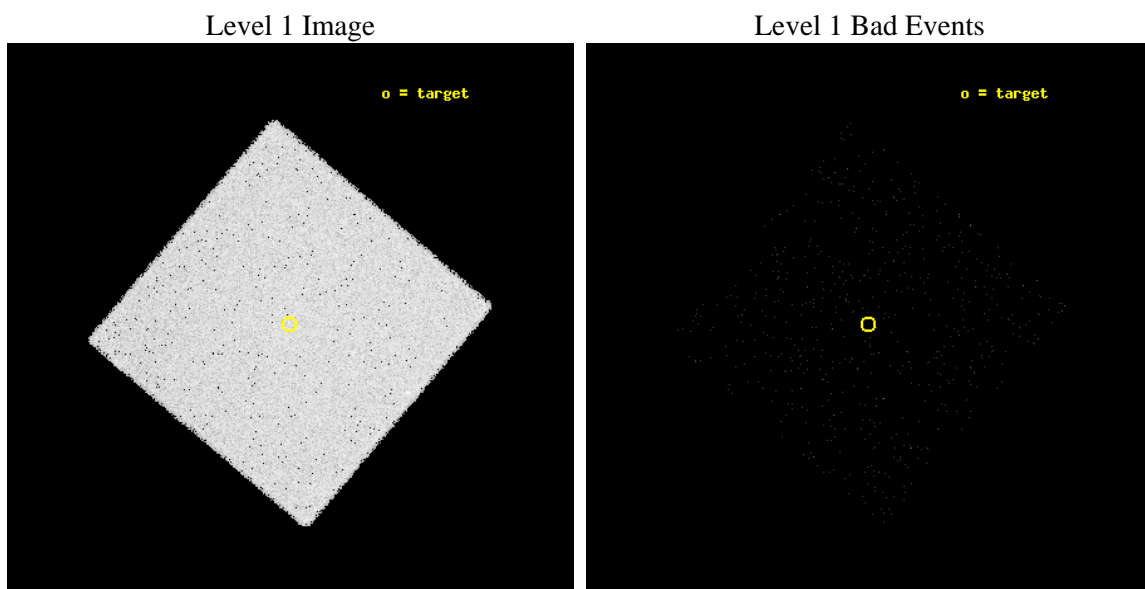
seq_num	400455	Sequence number
obs_id	6195	Observation id
title	Monitoring observations of the Galactic Center region	Proposal tit
observer	Dr. Rudy Wijnands	Principal investigator
object	GC-7	Source name
ra_targ	266.21625	Observer's specified target RA [deg]
dec_targ	-28.651389	Observer's specified target Dec [deg]
ra_nom	266.21415767921	Nominal RA [deg]
dec_nom	-28.655085917474	Nominal Dec [deg]
roll_nom	265.31926741352	Nominal Roll [deg]
revision	4	Processing version of data
ontime	4390.3314423263	[s]
livetime	4357.6064547426	Ontime multiplied by DTCOR
l2events	178347	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	4200.000000	[s] Scheduled observation exposure time
ascdsver	8.5.1.1	Processing system revision	ontime	4390.3314523101	[s]
caldbver	4.5.5	&#160	l1events	283981	Number of level 1 events
date	2012-12-30T20:16:29	Date and time of file creation			
revision	4	Processing version of data			

### 2.1.3 Events

#### Level 1 Events

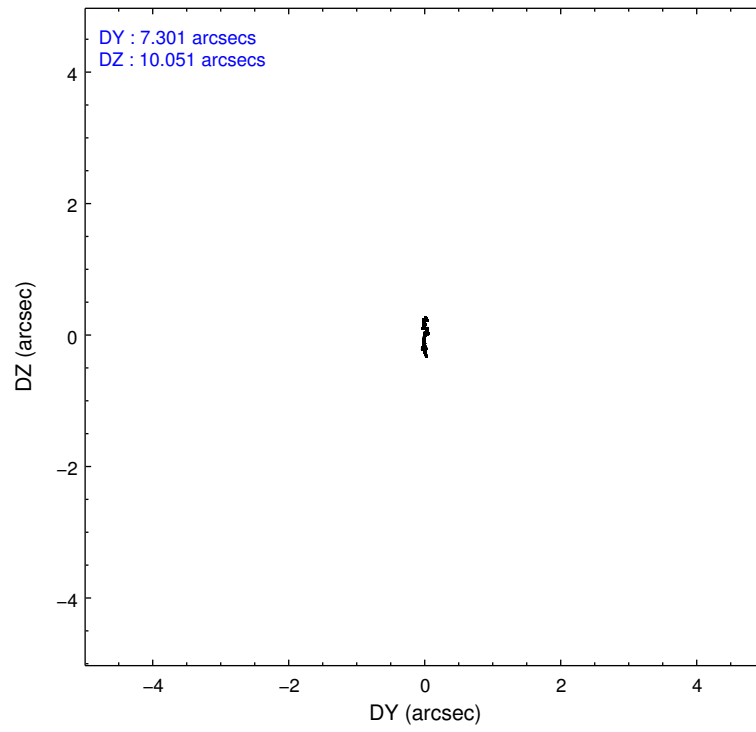
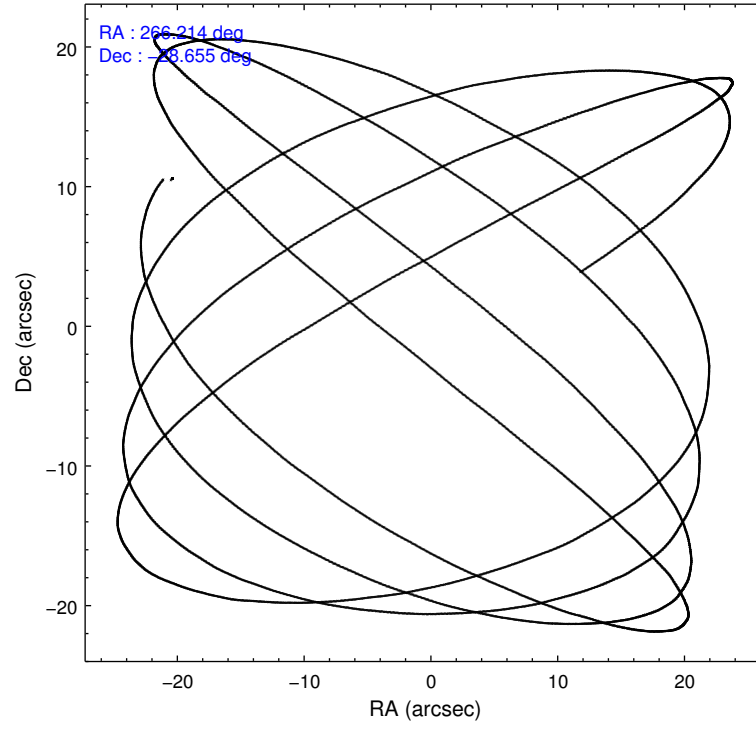
	<b>segment 0</b>
level 1 events	283981
rejected events	19027
rejected %	6%

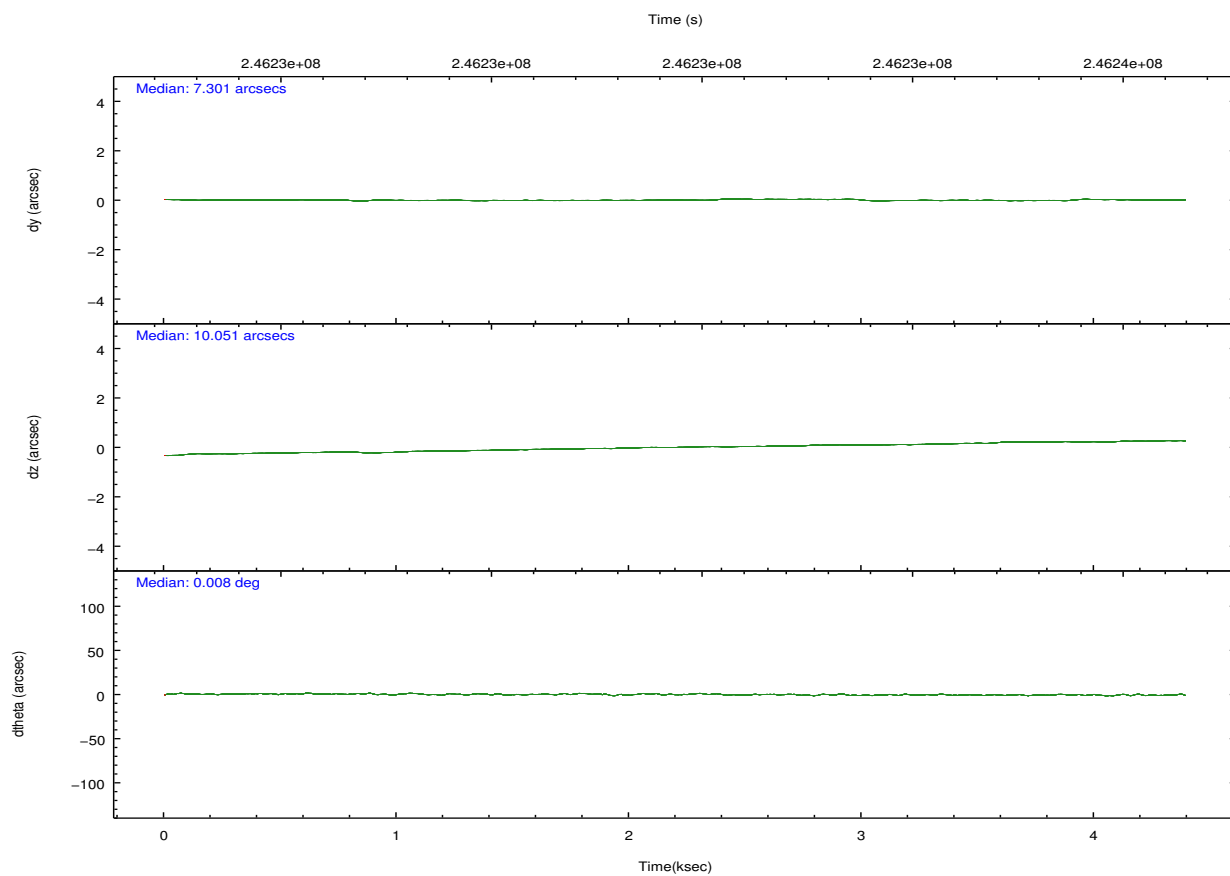
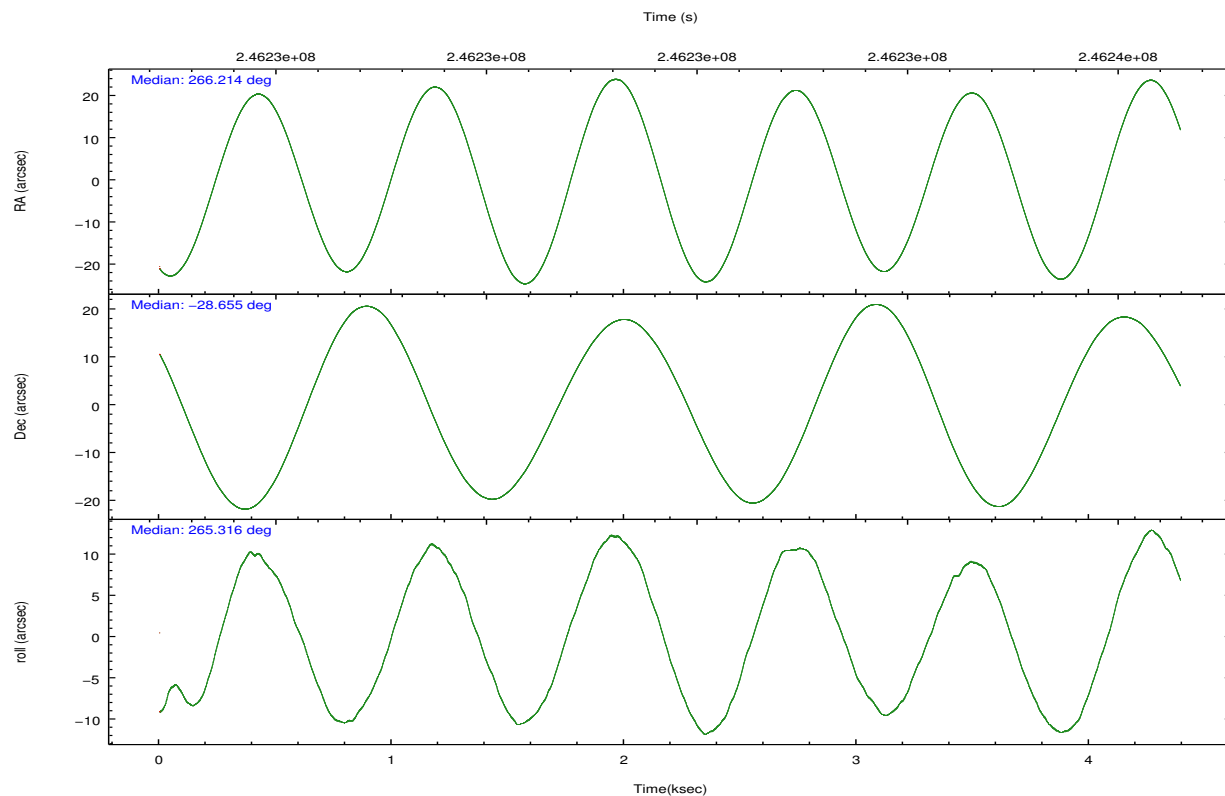


## 2.2 Compared Parameters

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	266.200211	266.214157679211			
[deg] Pointing Dec	-28.630862	-28.65508591747434			
[deg] Pointing Roll	265.408086	265.3192674135232			
[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)	246230868.184000	246230492.22811			
Observation start date	2005-10-20T21:26:44	2005-10-20T21:21:32			
[s] Observation end time (MET)	246235068.184000	246235202.10333			
Observation end date	2005-10-20T22:36:44	2005-10-20T22:40:02			

## 2.3 Aspect



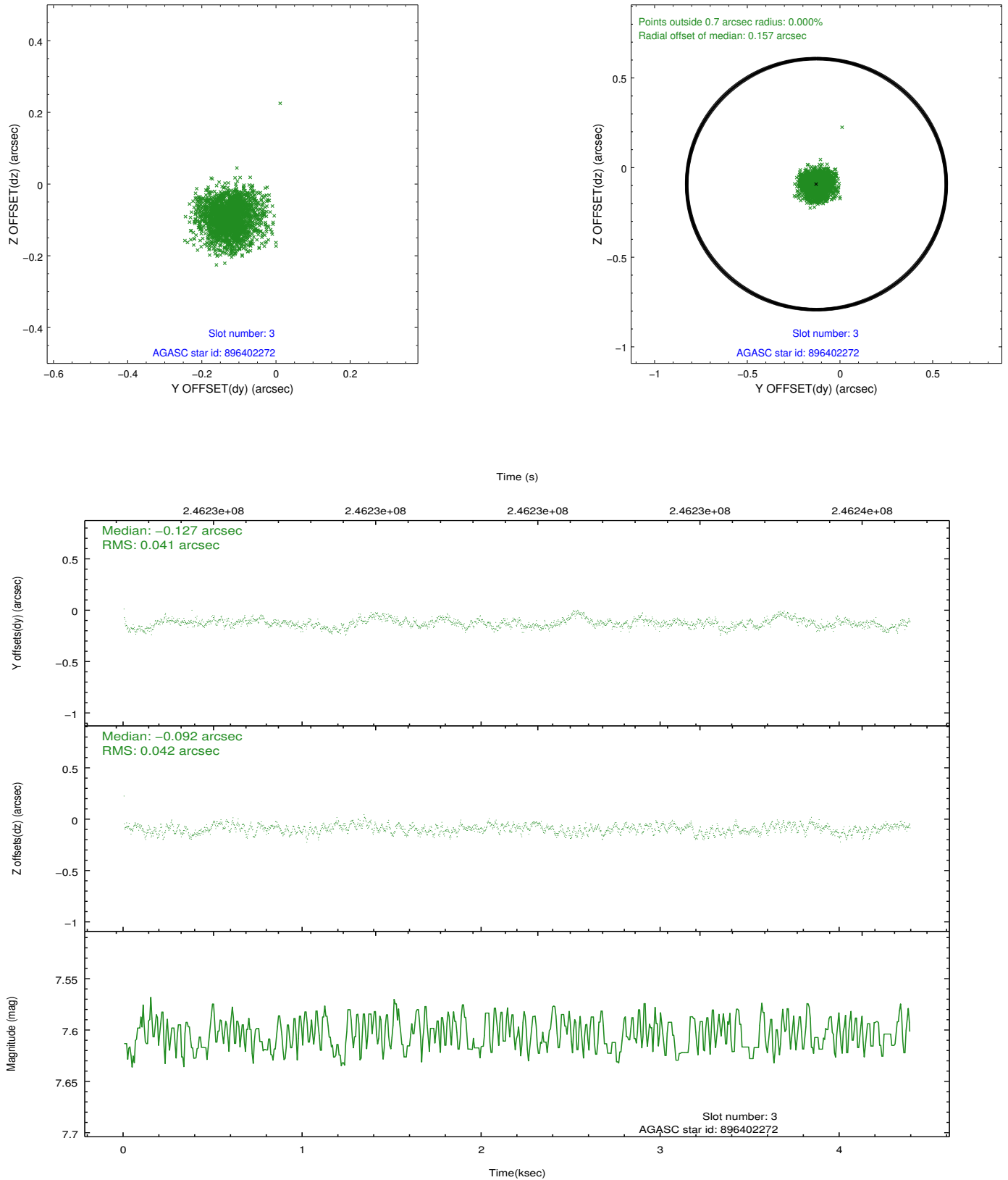


### Slot Statistics

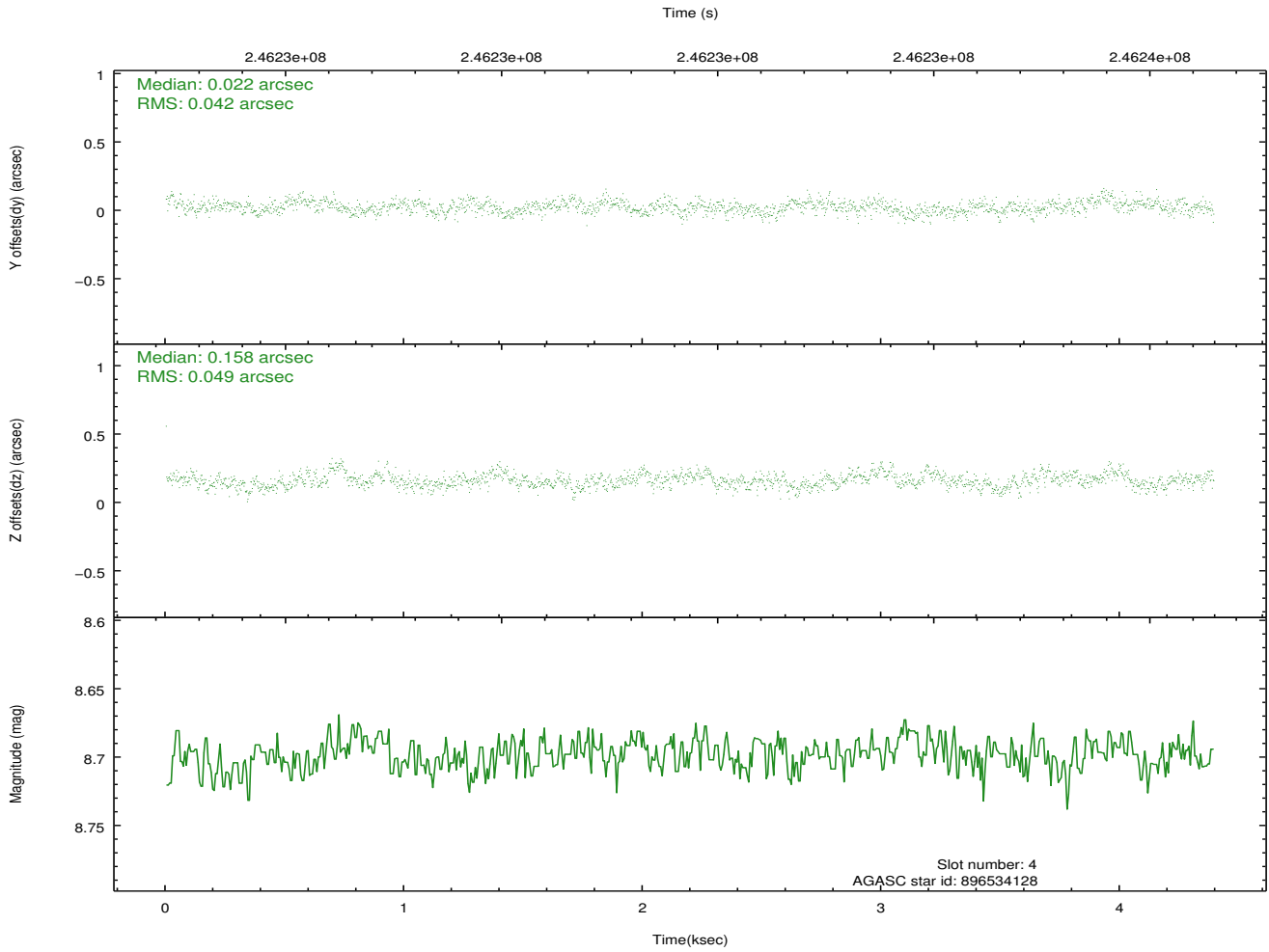
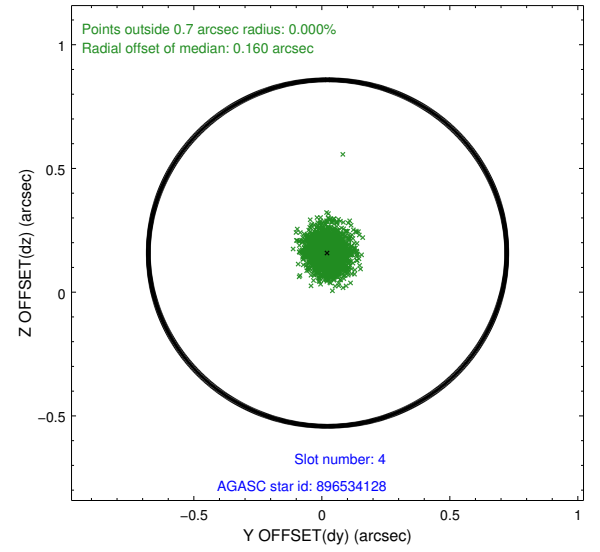
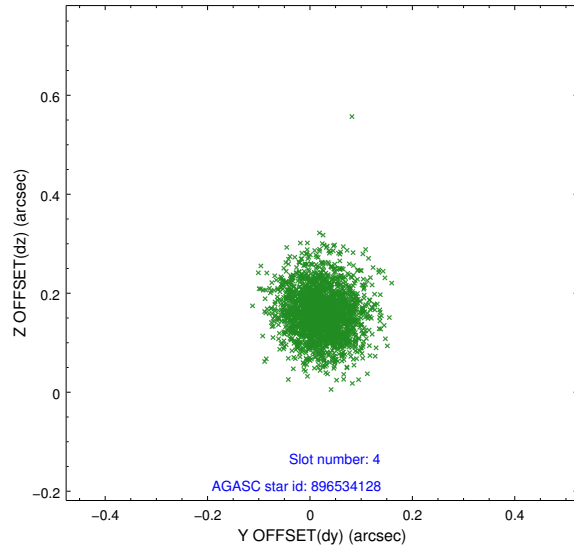
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.00	1072	-0.025	0.023	0.011	0.018	0.000000	0.000000	-762.91	-1297.96
1	FID	HRC-I-2	7.04	1072	0.122	-0.063	0.009	0.015	0.000000	0.000000	849.15	-1300.82
2	FID	HRC-I-3	7.09	1072	0.021	-0.050	0.008	0.013	0.000000	0.000000	-1190.57	1005.32
3	GUIDE	896402272	7.60	2143	-0.127	-0.092	0.063	0.101	265.637294	-28.313189	-992.68	-1870.03
4	GUIDE	896534128	8.70	2138	0.022	0.158	0.068	0.114	266.503837	-29.080853	1539.29	1081.07
5	GUIDE	896538696	6.72	2138	-0.247	-0.135	0.055	0.088	266.298470	-28.325572	-1119.54	222.46
6	GUIDE	896538920	8.92	2141	0.137	-0.150	0.070	0.115	266.278728	-29.143592	1820.14	393.63
7	GUIDE	896542744	9.41	2135	0.213	0.220	0.106	0.176	266.765496	-29.248460	2079.81	1948.45

## 2.4 Star Slots

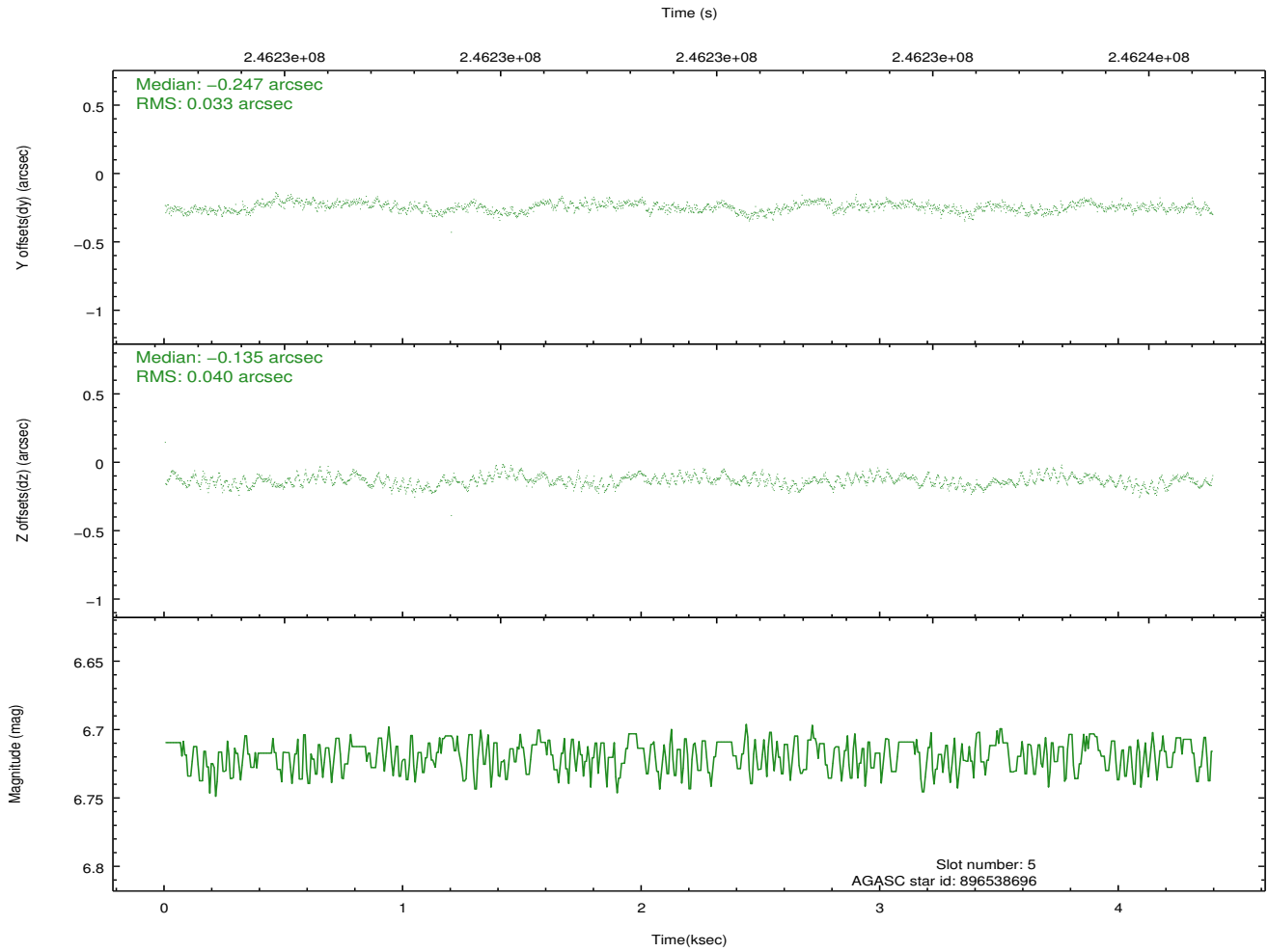
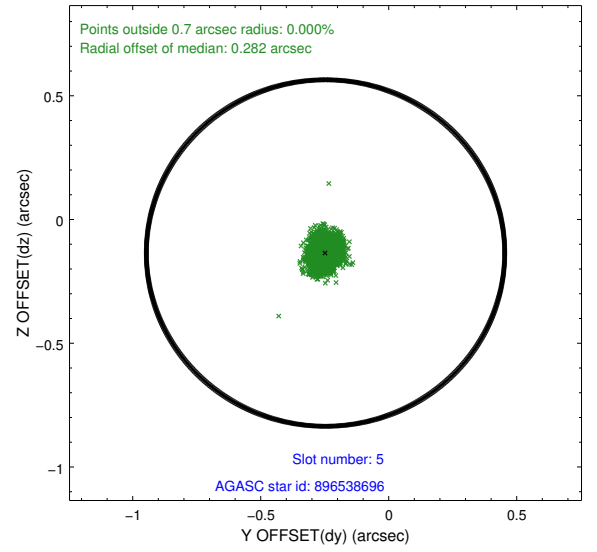
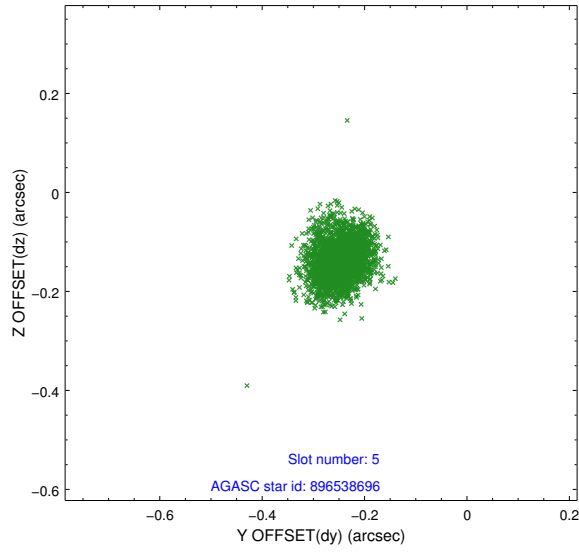
### 2.4.1 Slot 3



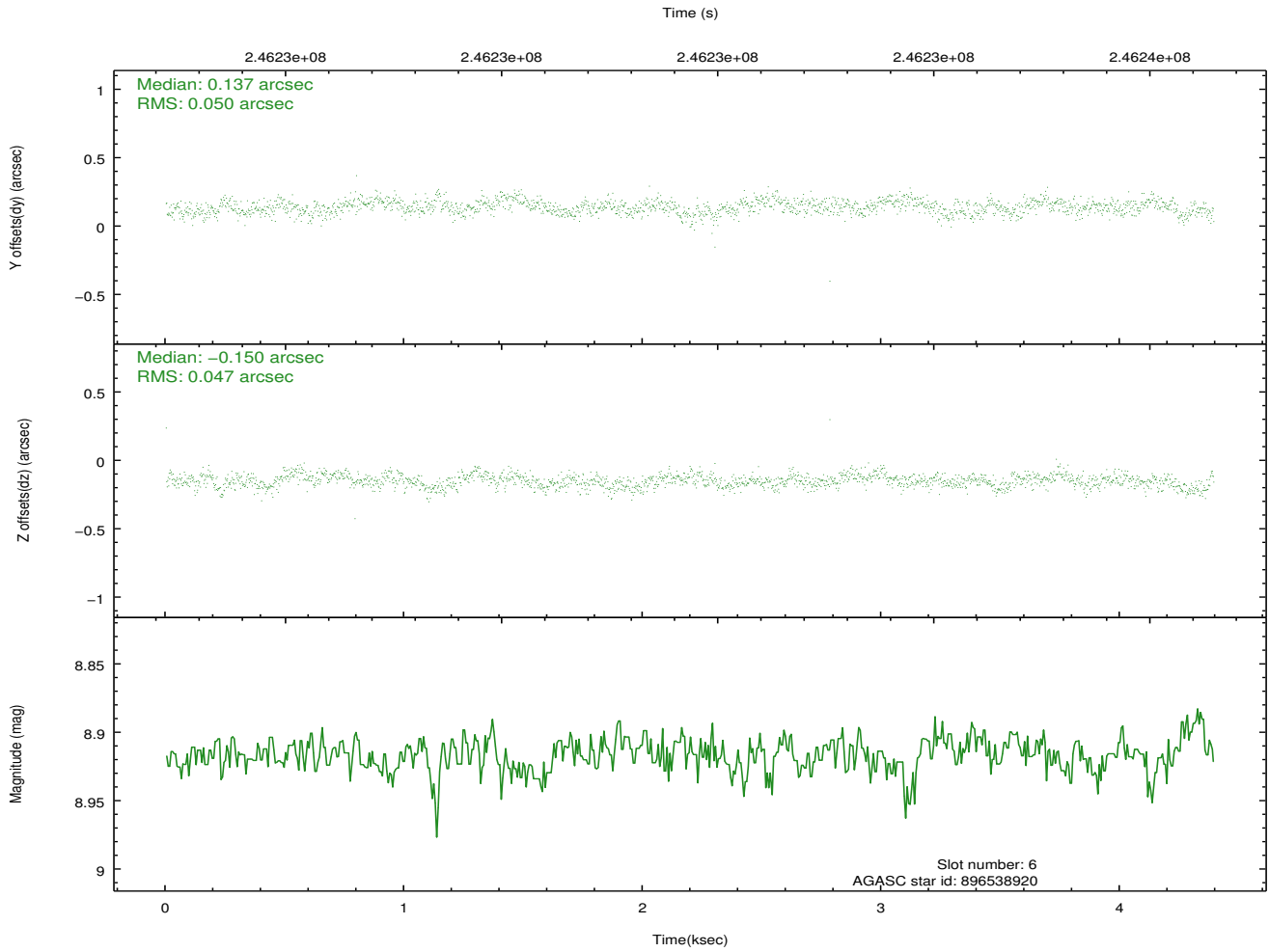
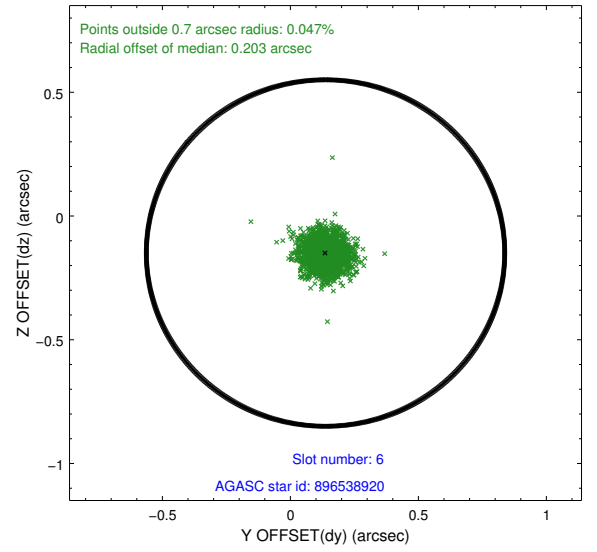
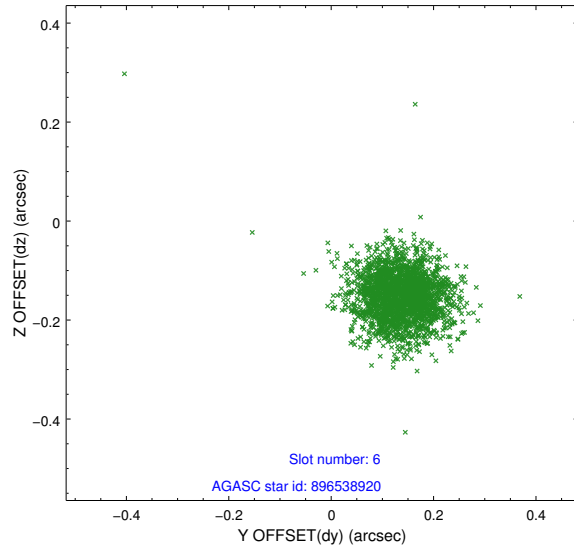
## 2.4.2 Slot 4



### 2.4.3 Slot 5

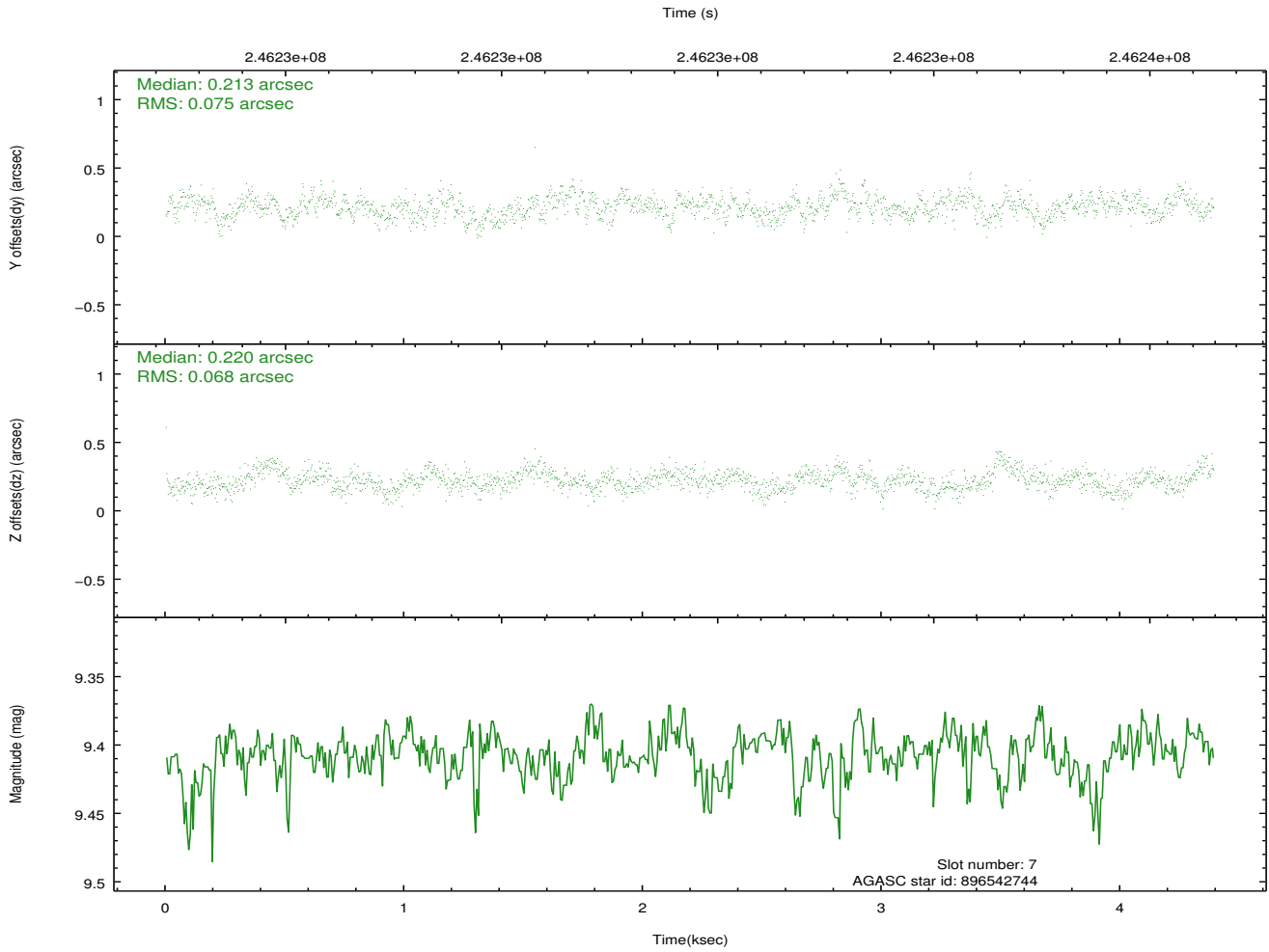
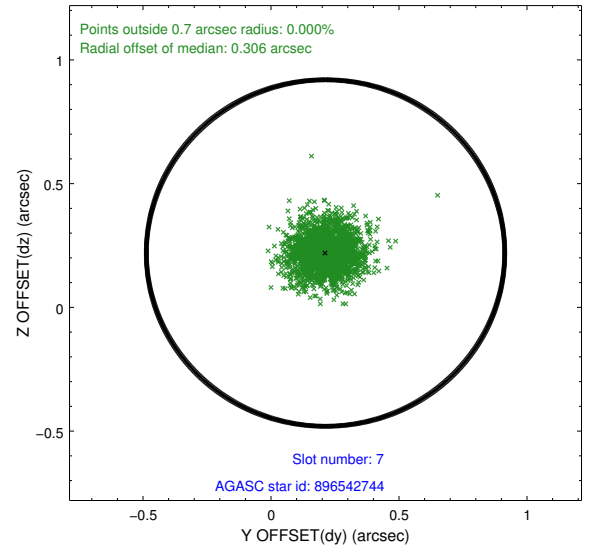
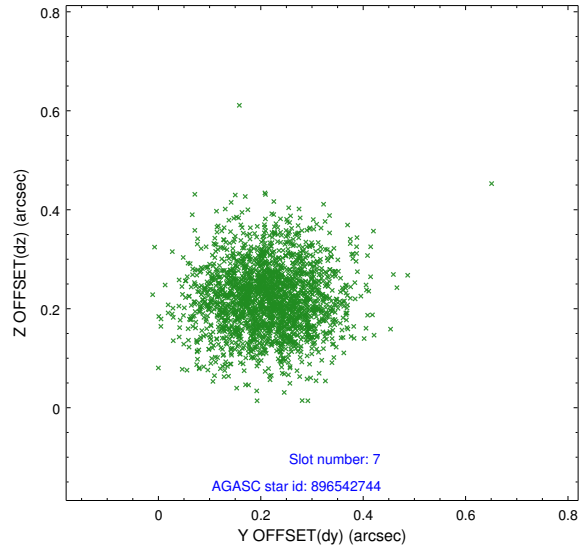


## 2.4.4 Slot 6



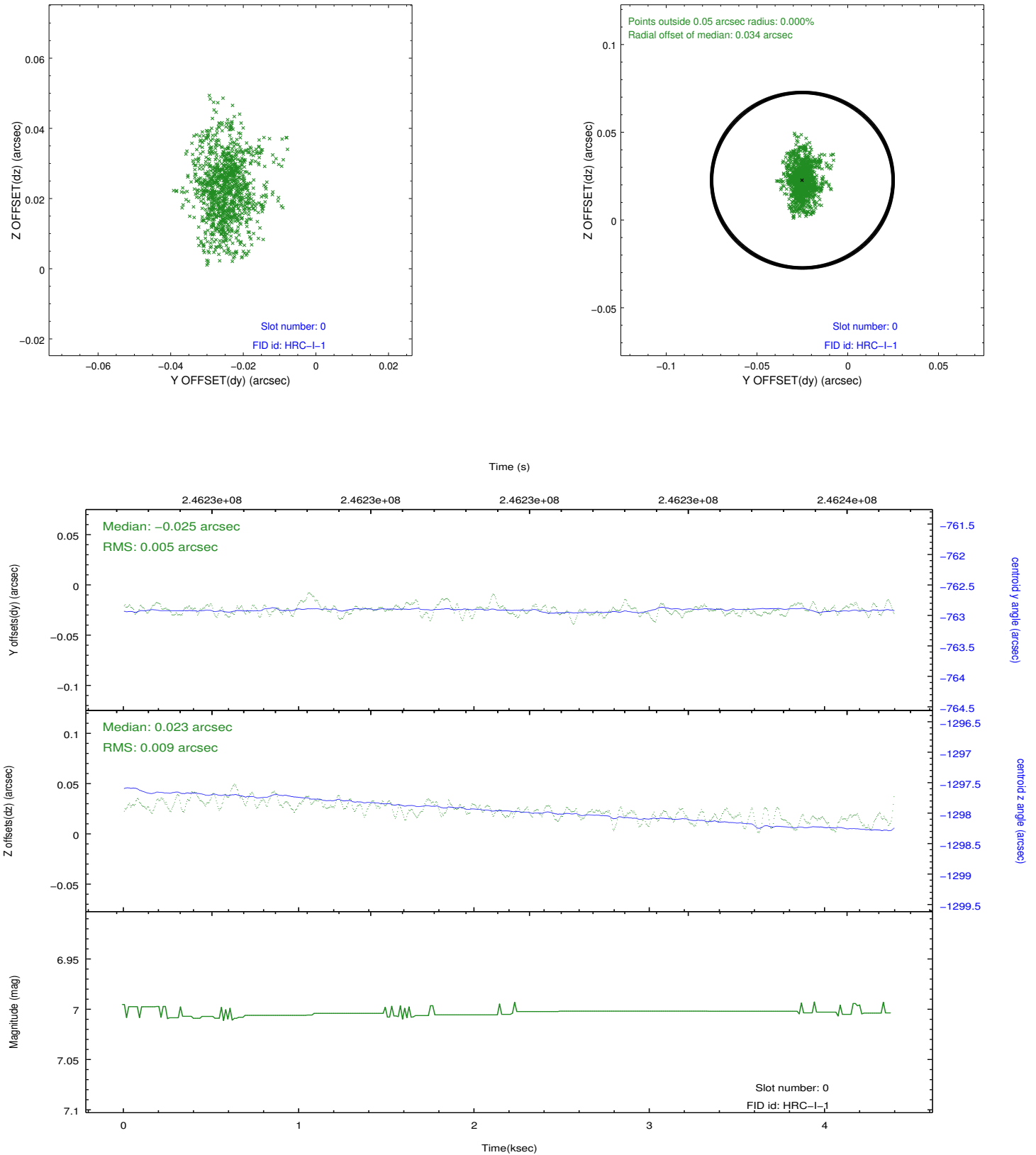


## 2.4.5 Slot 7

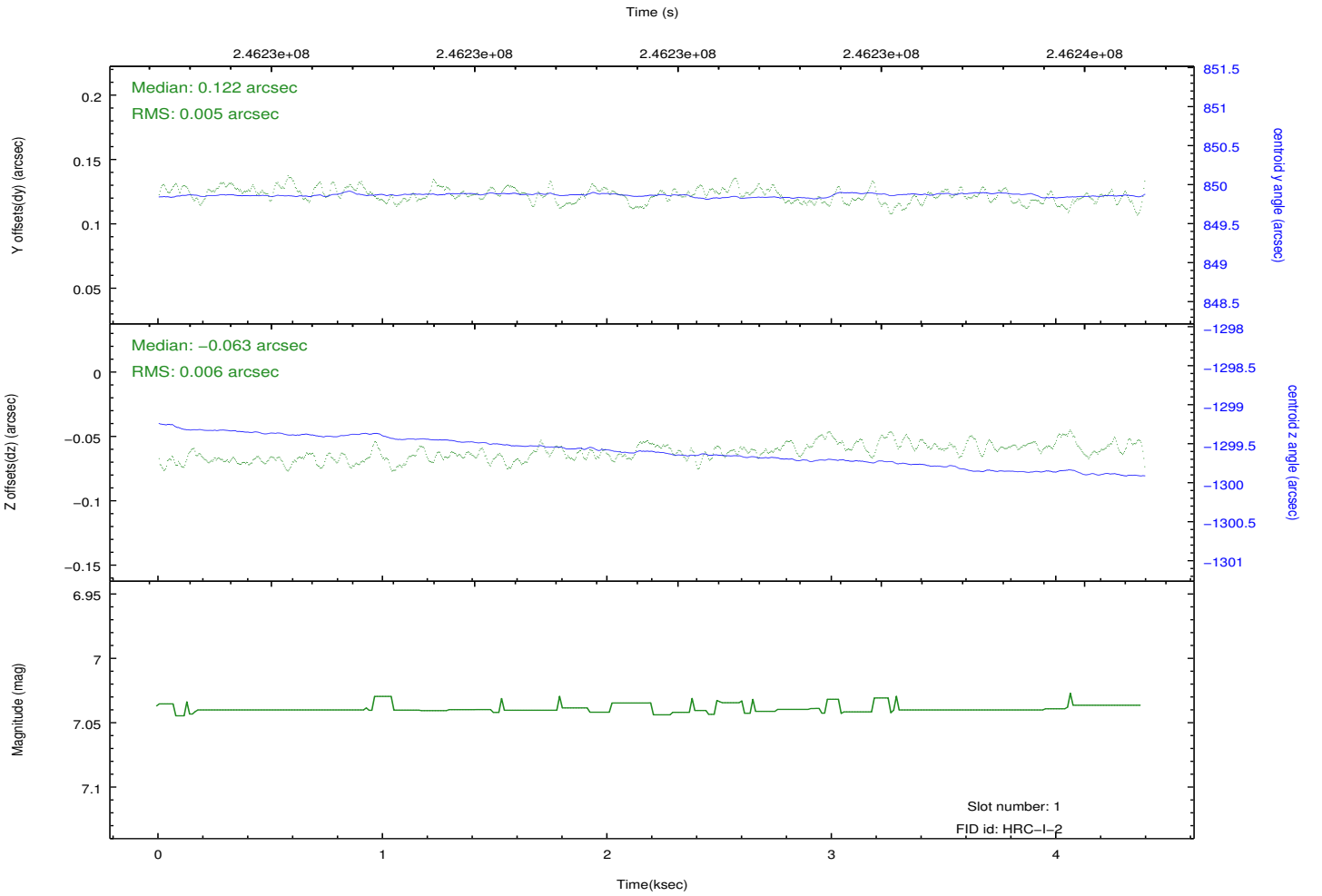
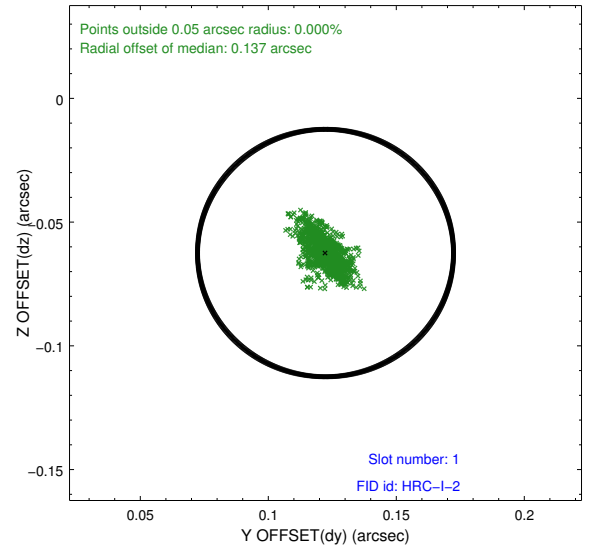
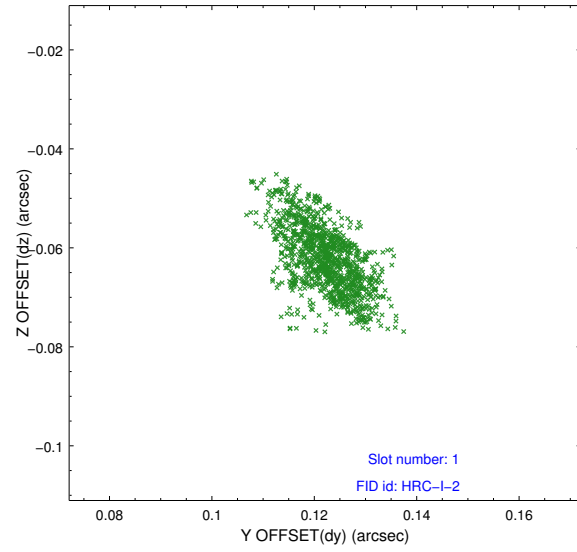


## 2.5 FID Slots

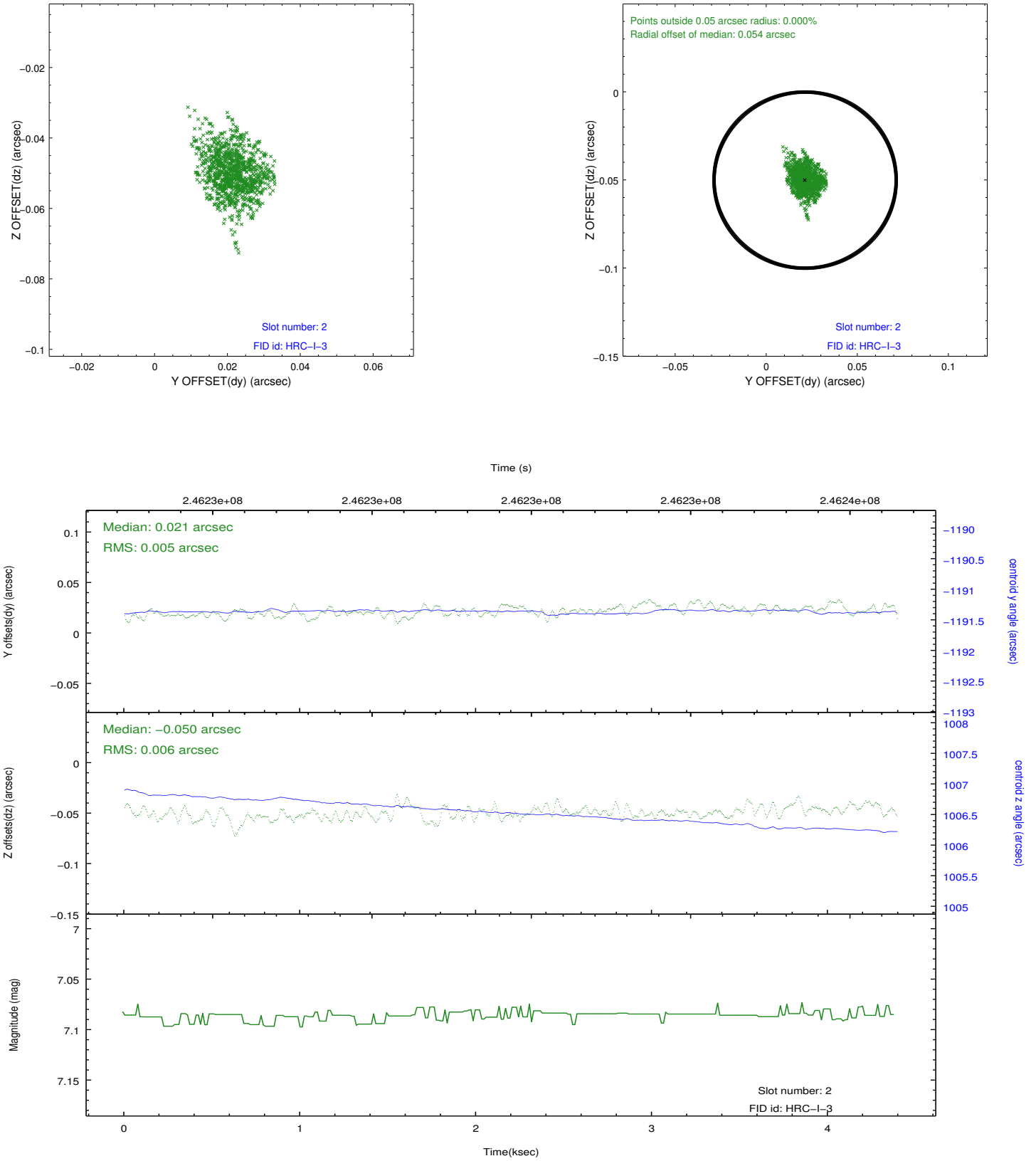
### 2.5.1 Slot 0



## 2.5.2 Slot 1



### 2.5.3 Slot 2



## A Summary

### A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2013.01.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.390331

### A.2 Comments

Joint proposal with XMM.