

# V&V Reference Report

## L2 ASCDS Version : 10.9.1

Observation 6195 - L2 Version 5  
Chandra X-Ray Center

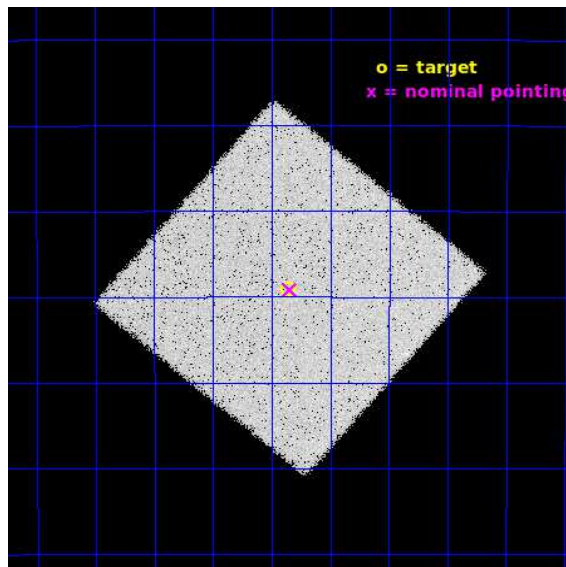
L2 Processing Date : Oct 10 2020

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# 1 Front

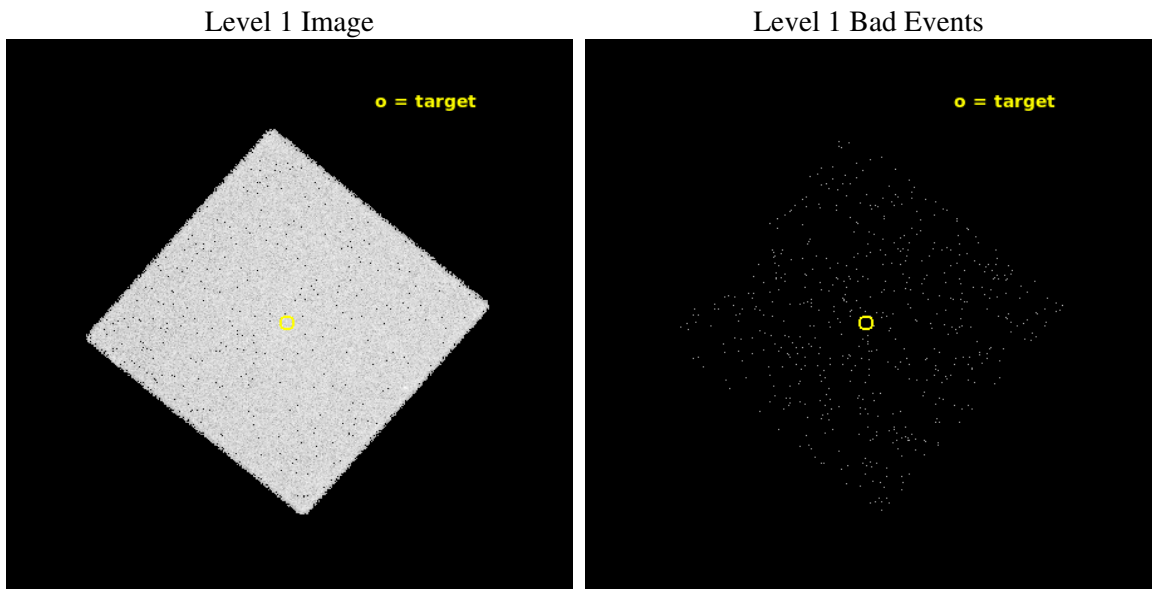
seq_num	400455	Sequence number
obs_id	6195	Observation id
title	Monitoring observations of the Galactic Center region	Proposal tit
observer	Rudy Wijnands	Principal investigator
object	Galactic Center Survey	Source name
ra_targ	266.21625	Observer's specified target RA [deg]
dec_targ	-28.651389	Observer's specified target Dec [deg]
ra_nom	266.21108612223	Nominal RA [deg]
dec_nom	-28.652702097348	Nominal Dec [deg]
roll_nom	265.30769144033	Nominal Roll [deg]
revision	5	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	10.9.1	Processing system revision	ontime	4390.3314523101	[s]
caldbver	4.9.2	&#160	l1events	283981	Number of level 1 events
date	2020-10-11T03:23:15	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	283981
rejected events	19027
rejected %	6%

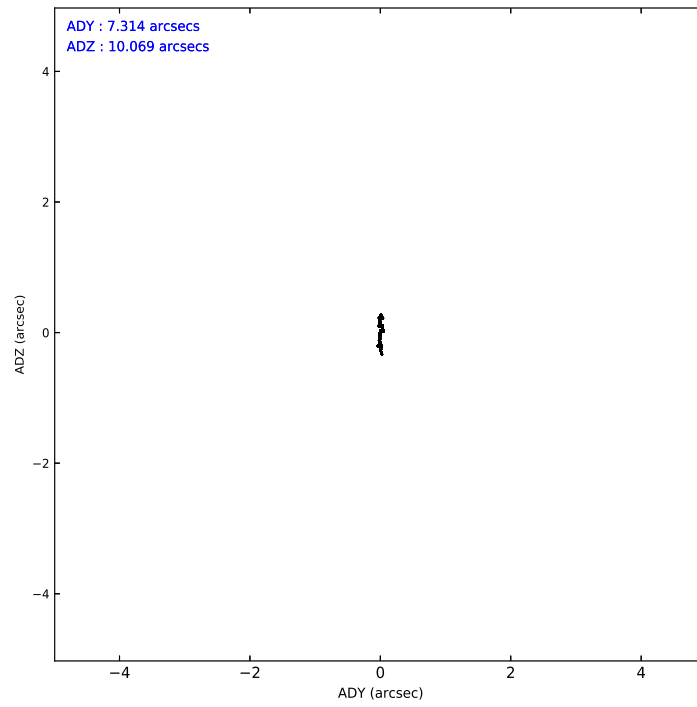
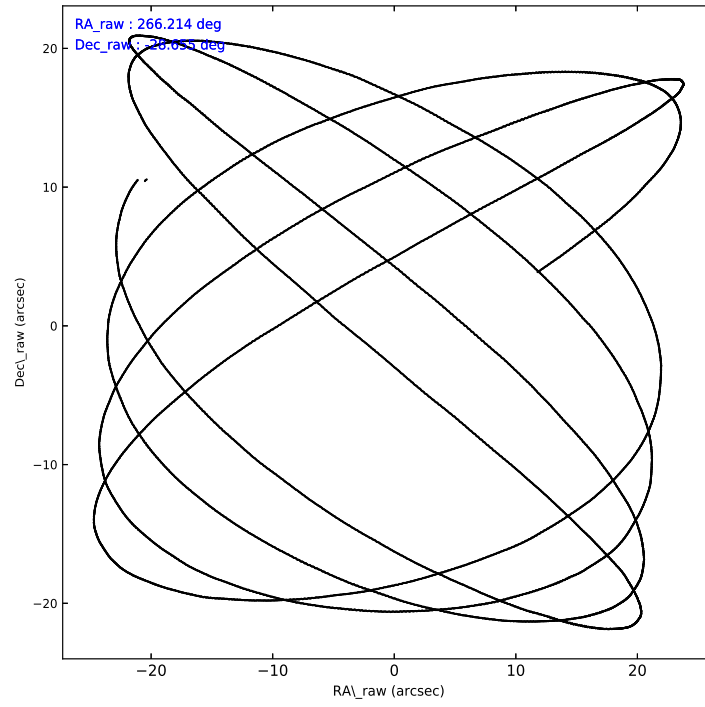


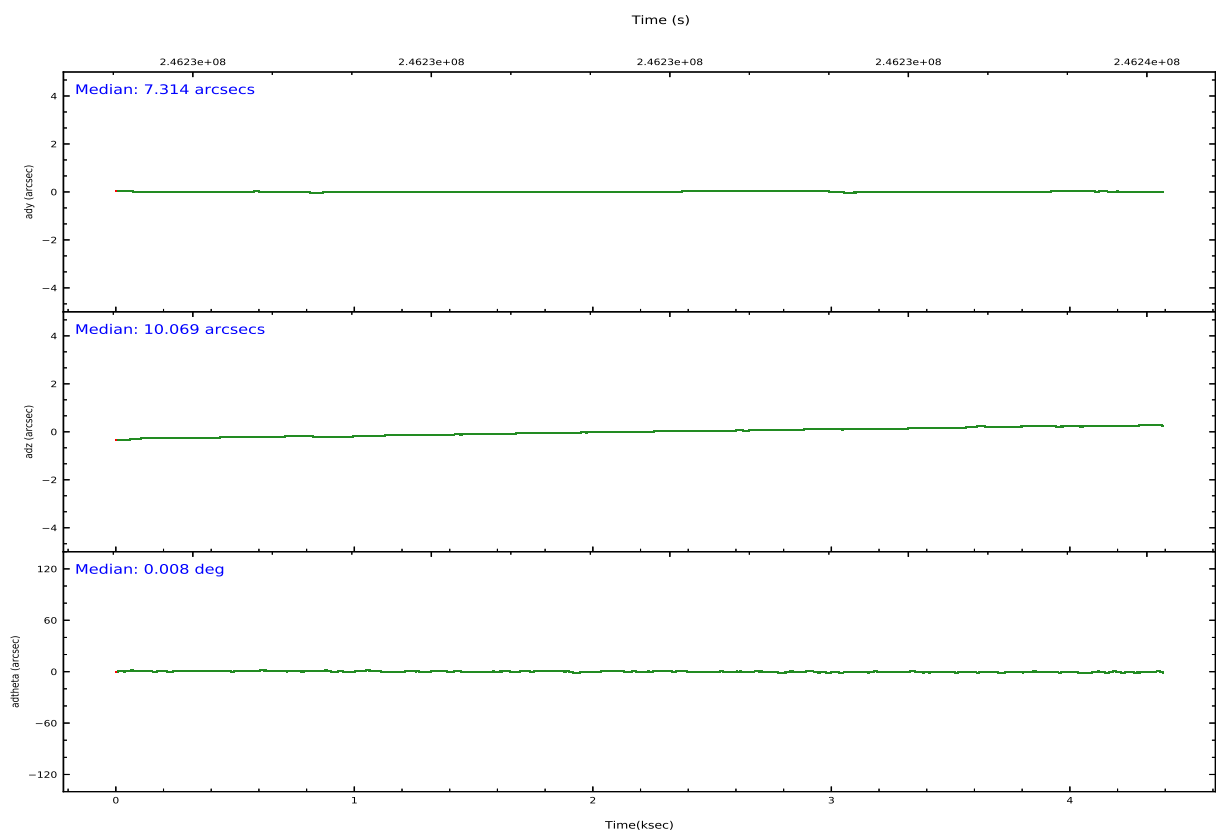
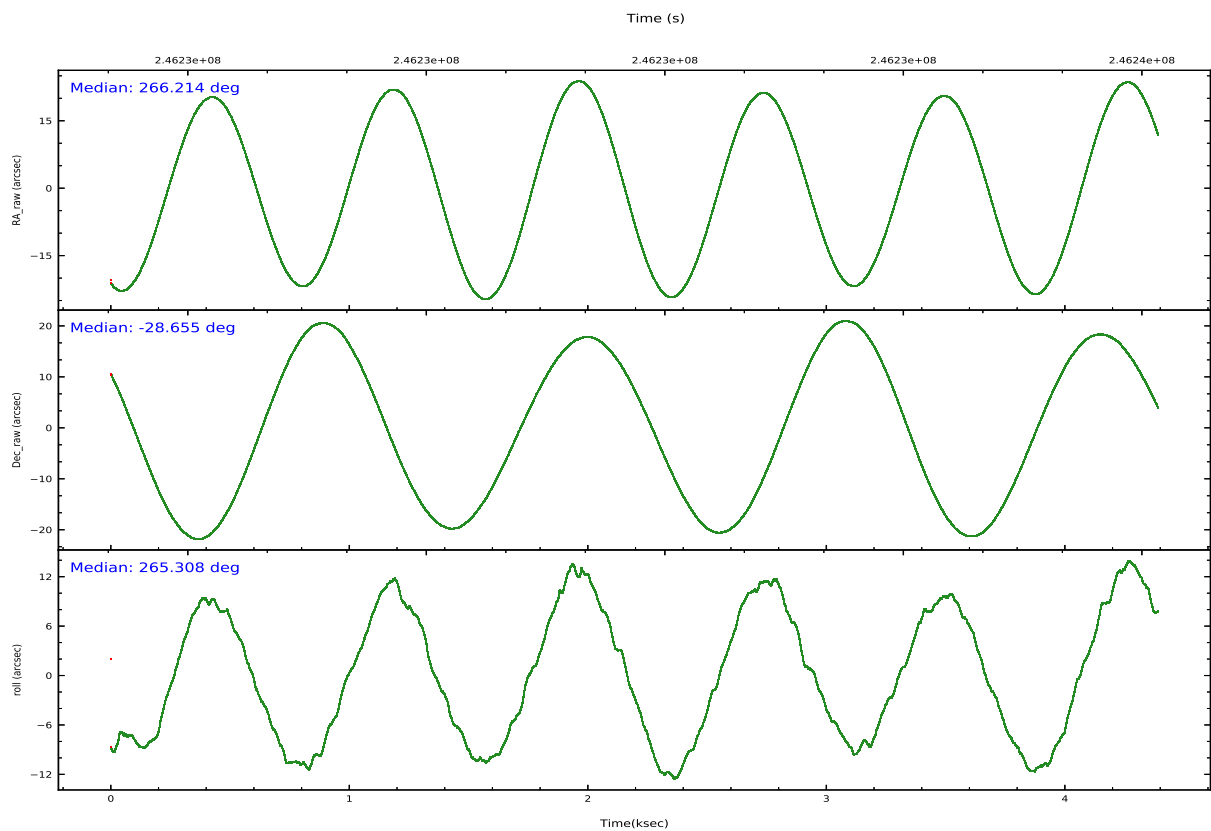
## 2.2 Compared Parameters

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	266.200211	266.21108612223
[deg] Pointing Dec	-28.630862	-28.652702097348
[deg] Pointing Roll	265.408086	265.30769144033
[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

Parameter	Planned	Actual
Obspar version number	8	8
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED

## 2.3 Aspect



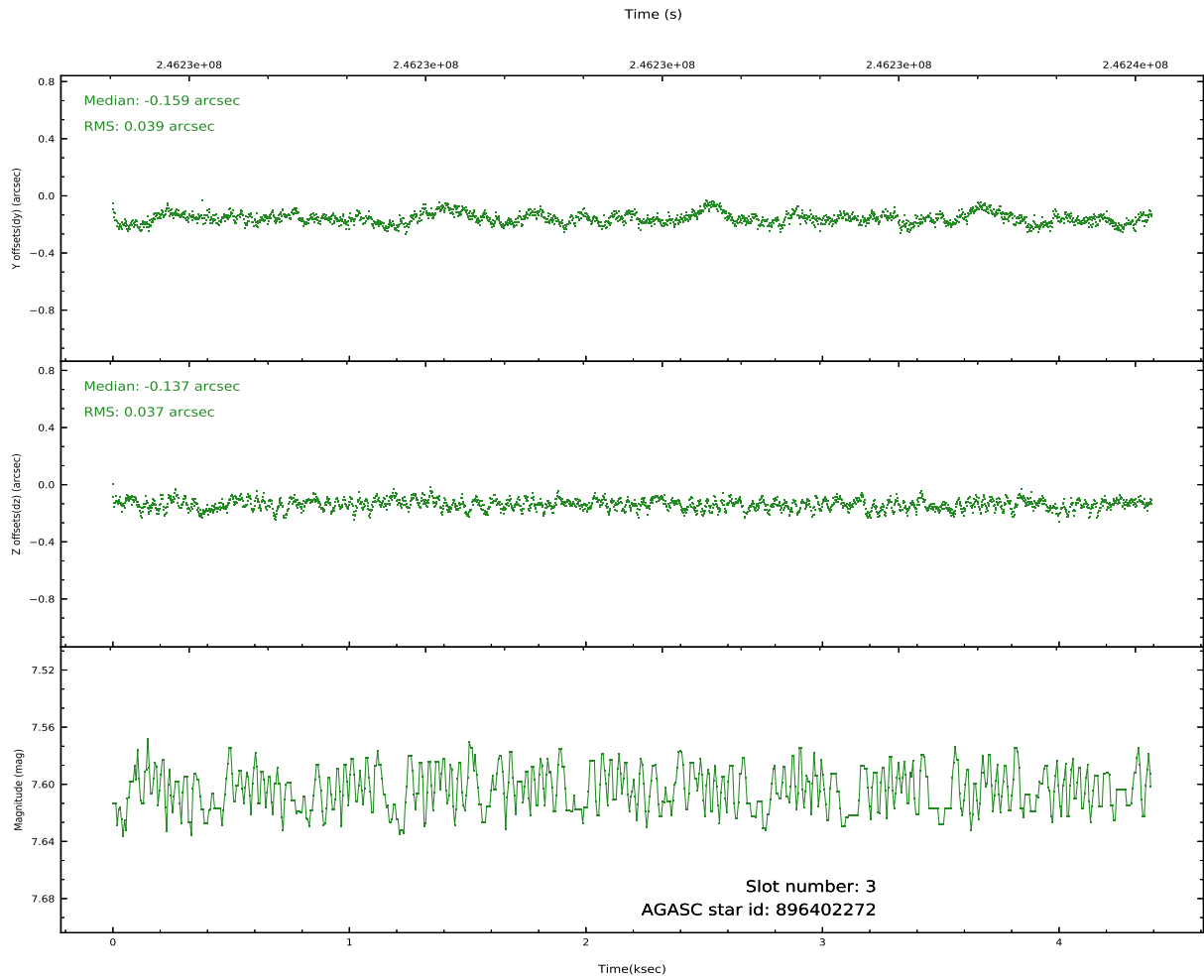
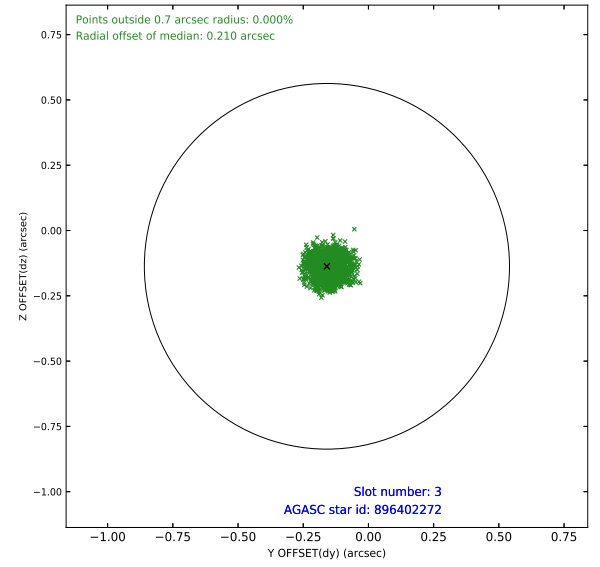
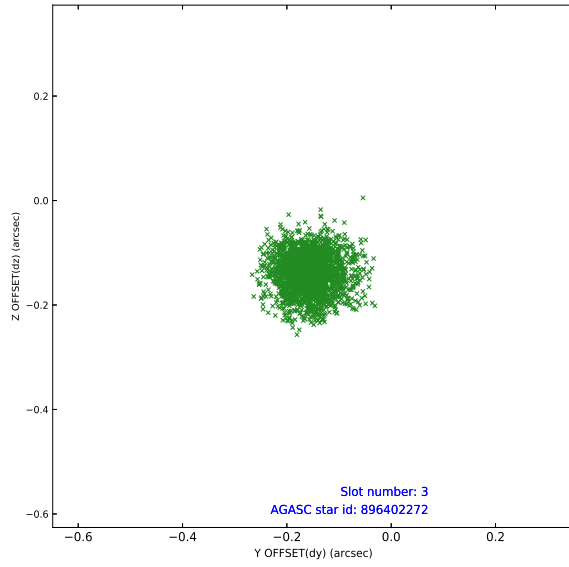


Slot Statistics

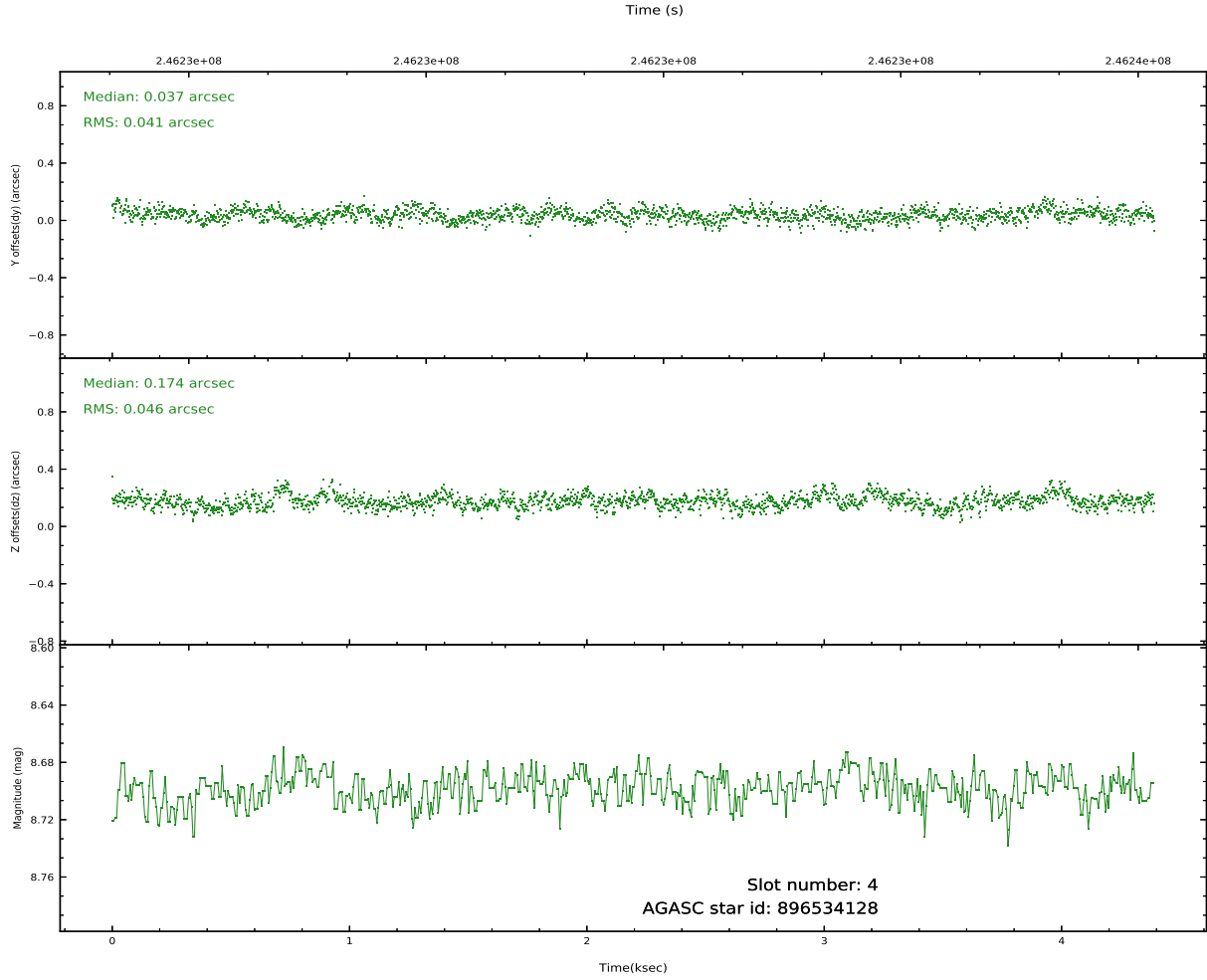
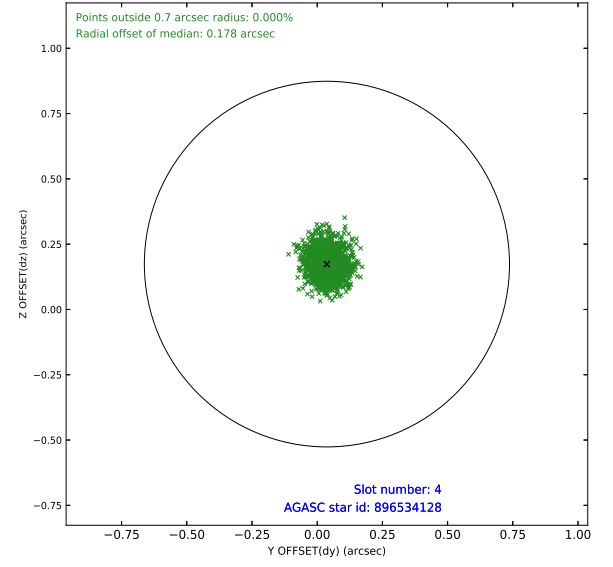
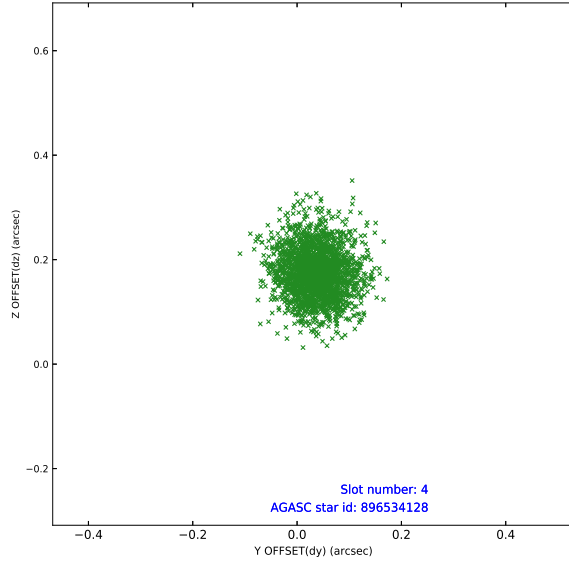
pt	status	used	id	mag	n_pts	frac_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mea
0	FID		HRC-I-1	7.00	1072	1.000	-0.040	0.000	0.011	0.019	0.000000	0.000000	-762.93	-1298
1	FID		HRC-I-2	7.04	1072	1.000	0.144	-0.065	0.008	0.014	0.000000	0.000000	849.17	-1300
2	FID		HRC-I-3	7.09	1072	1.000	0.015	-0.025	0.008	0.014	0.000000	0.000000	-1190.60	1005
3	GUIDE	used	896402272	7.60	2143	1.000	-0.159	-0.137	0.058	0.094	265.637294	-28.313189	-992.69	-1870
4	GUIDE	used	896534128	8.70	2138	1.000	0.037	0.174	0.066	0.108	266.503837	-29.080853	1539.31	1081
5	GUIDE	used	896538696	6.72	2138	1.000	-0.270	-0.138	0.050	0.079	266.298470	-28.325572	-1119.55	222
6	GUIDE	used	896538920	8.92	2141	1.000	0.147	-0.156	0.069	0.113	266.278728	-29.143592	1820.16	393
7	GUIDE	used	896542744	9.41	2135	1.000	0.246	0.259	0.105	0.170	266.765496	-29.248460	2079.85	1948

## 2.4 Star Slots

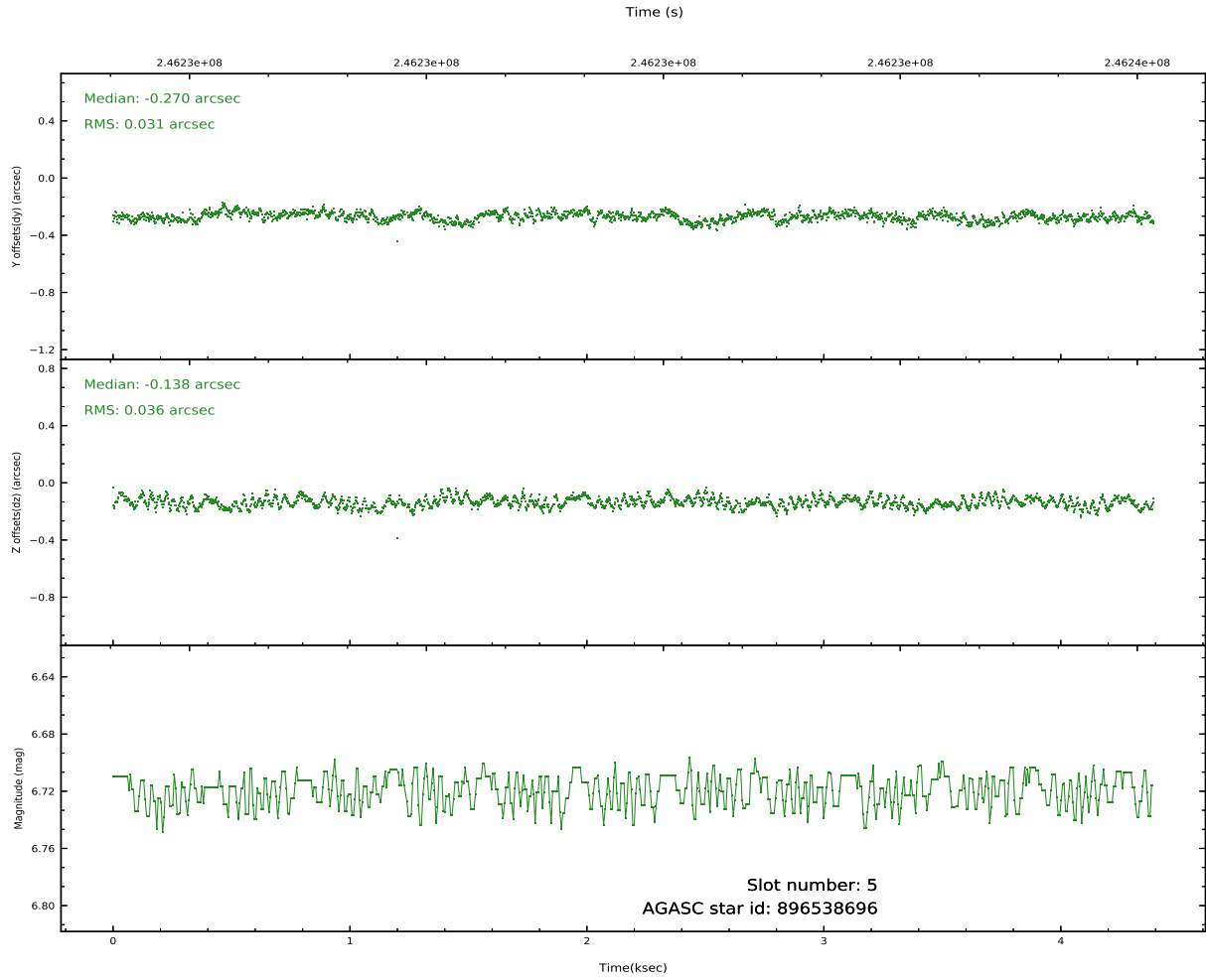
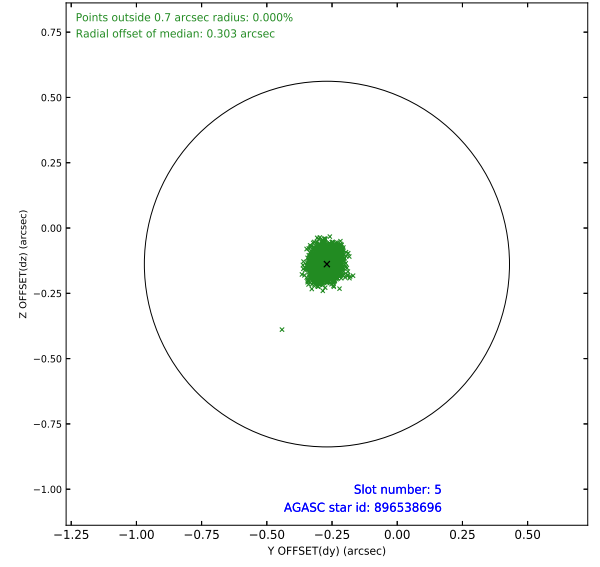
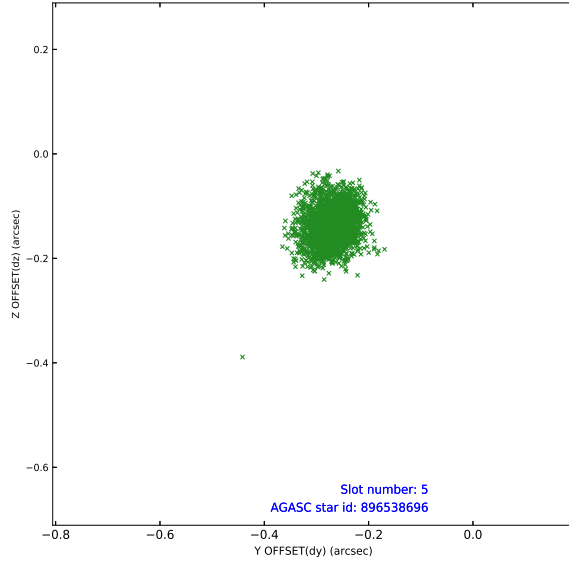
### 2.4.1 Slot 3



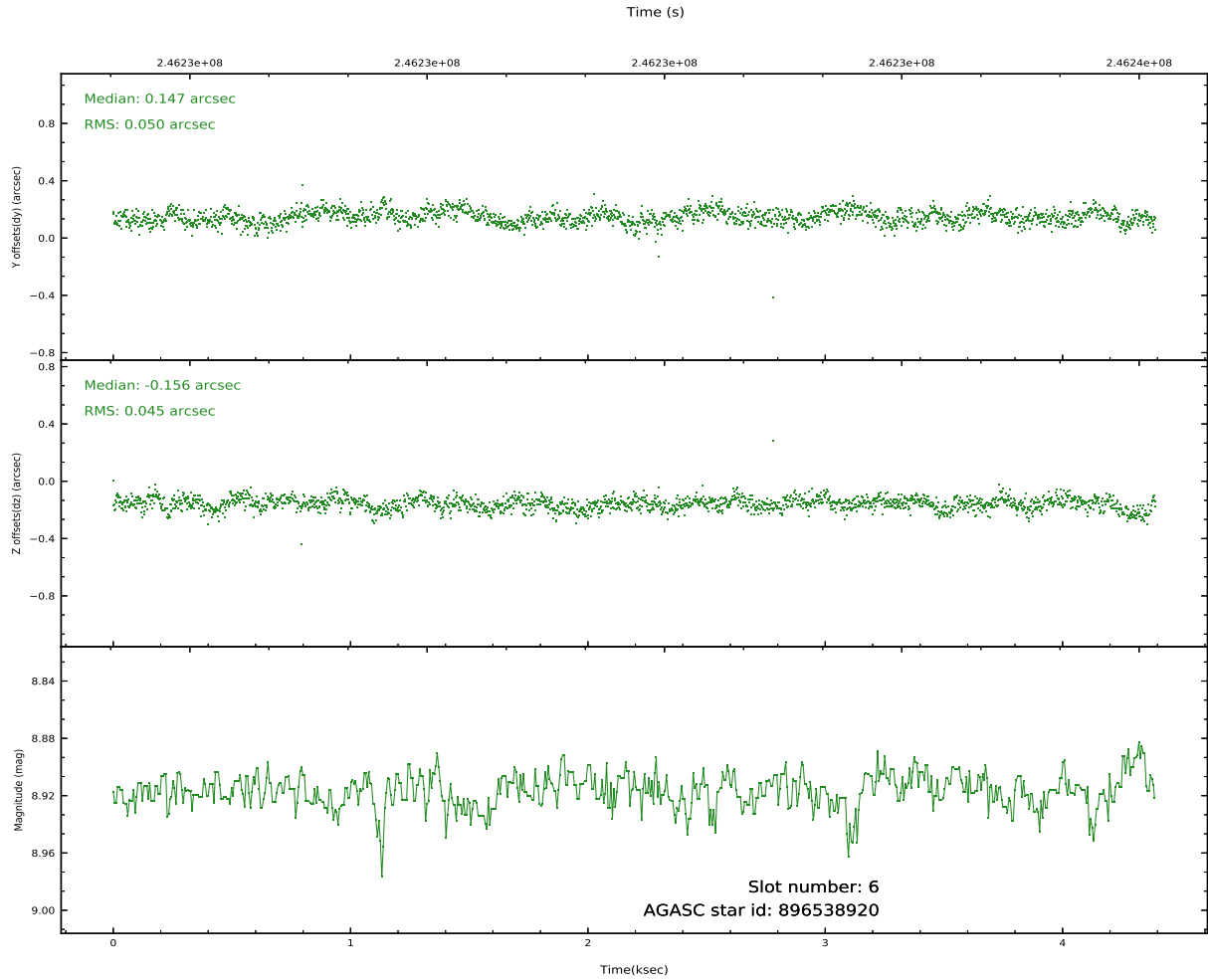
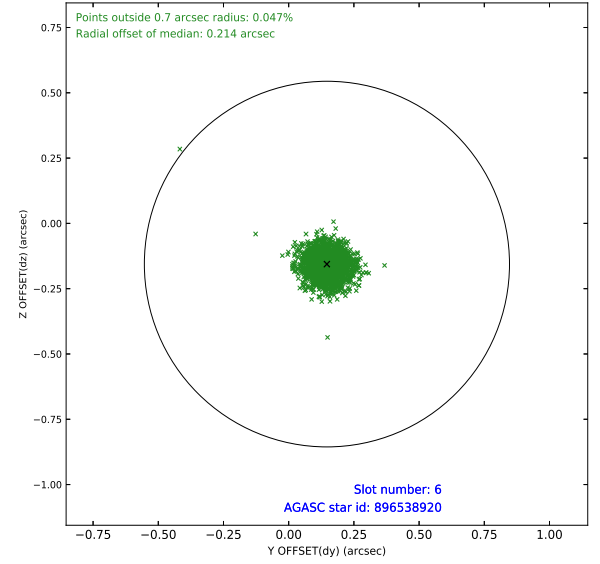
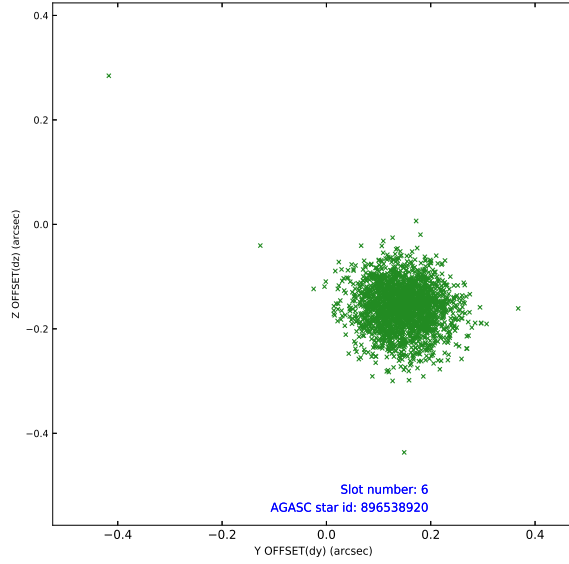
## 2.4.2 Slot 4



### 2.4.3 Slot 5

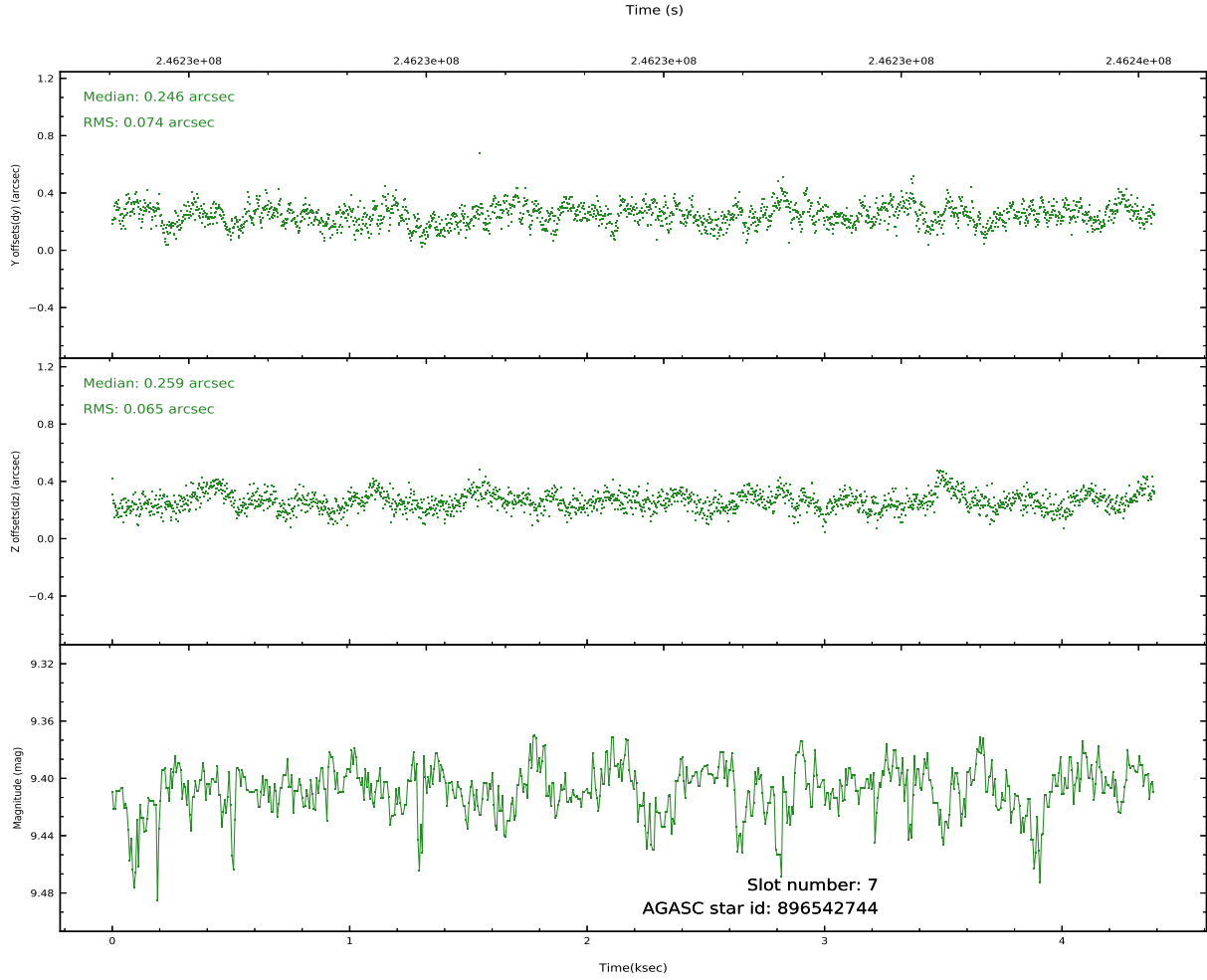
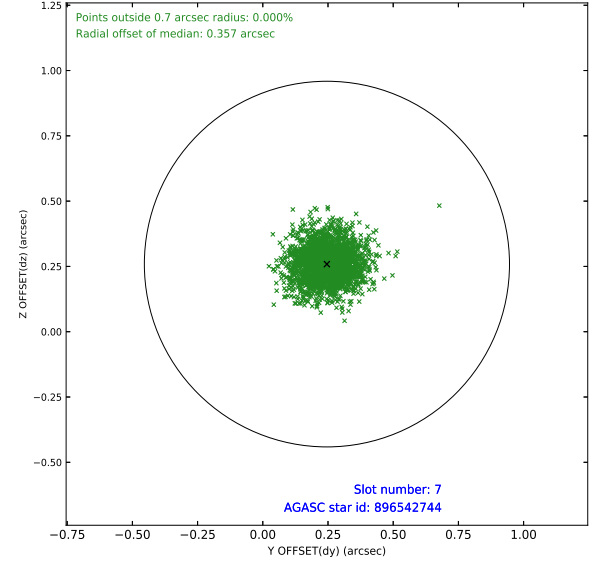
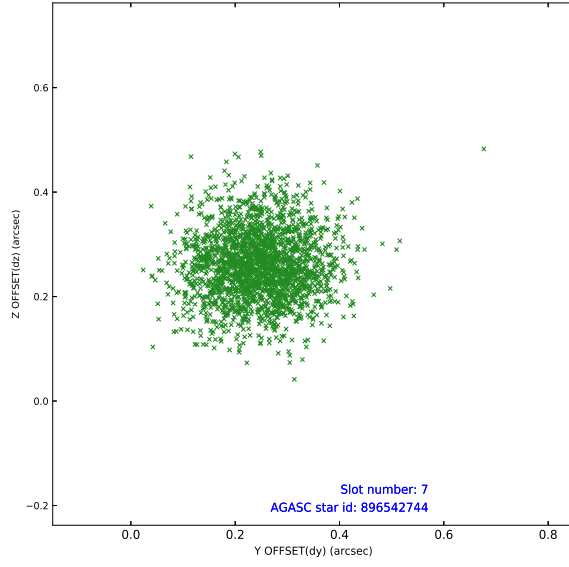


## 2.4.4 Slot 6



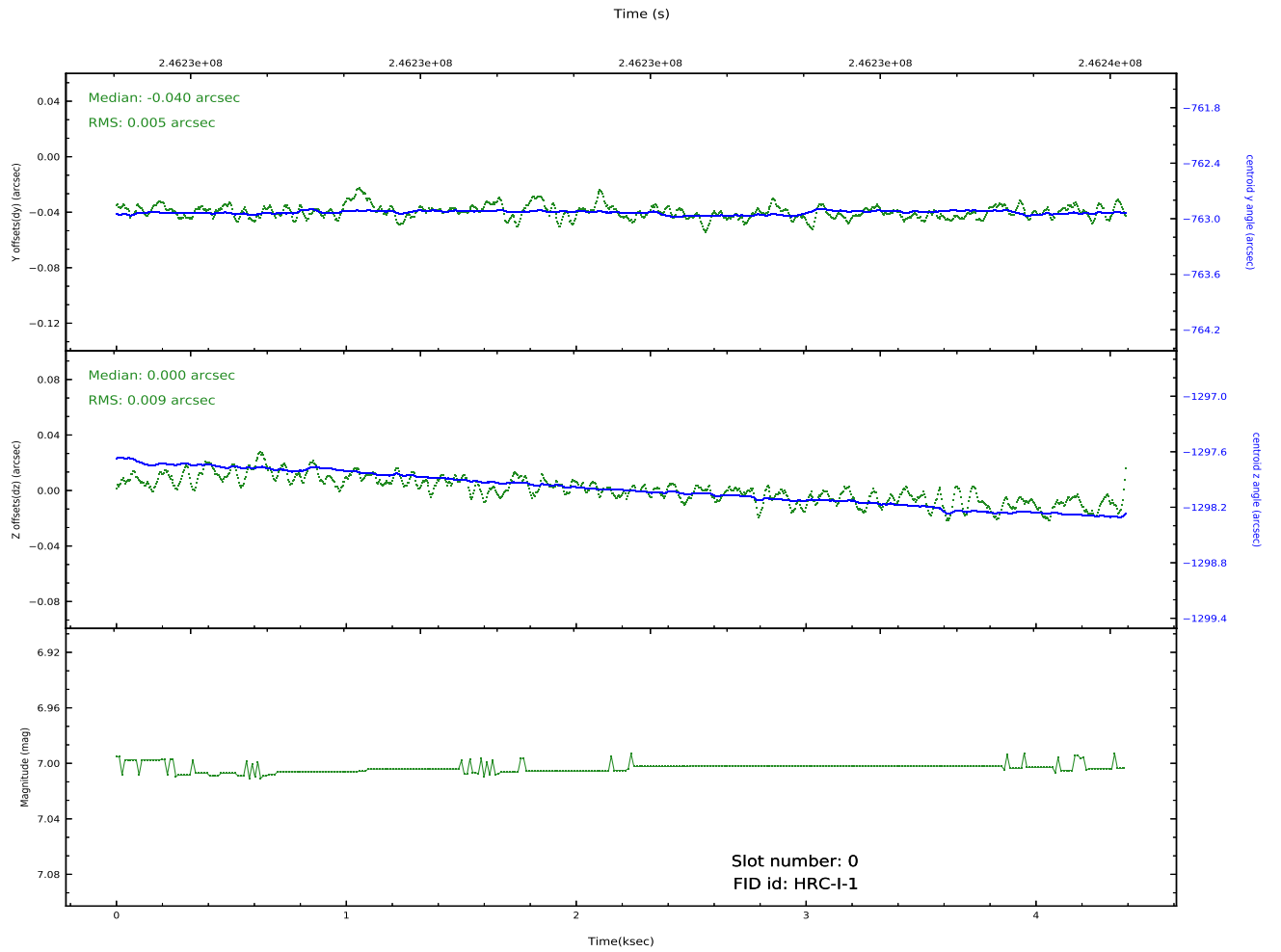
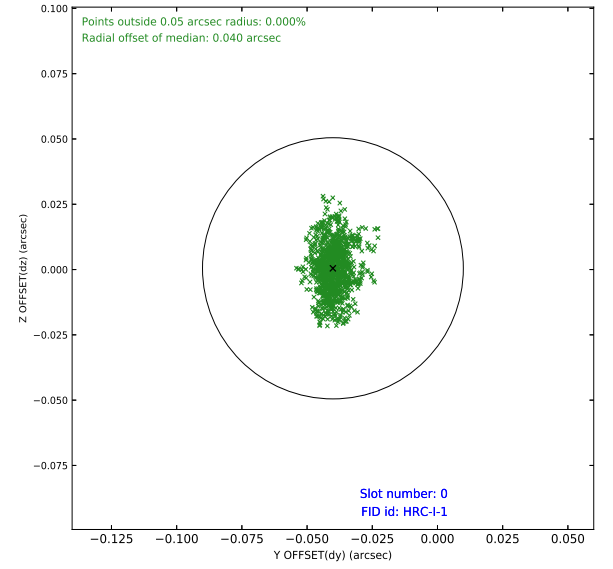
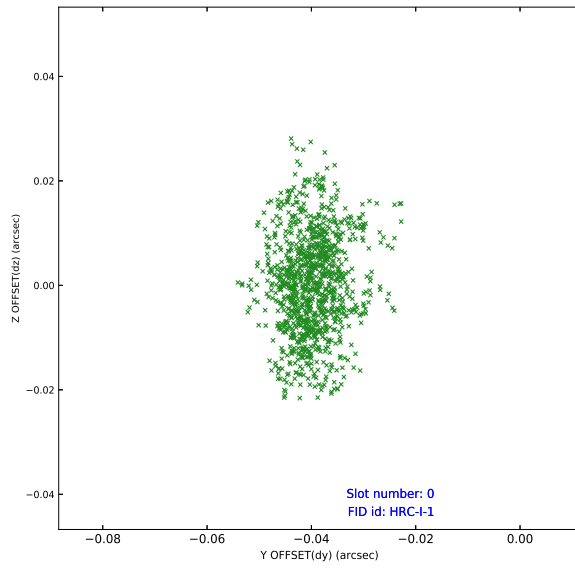


## 2.4.5 Slot 7

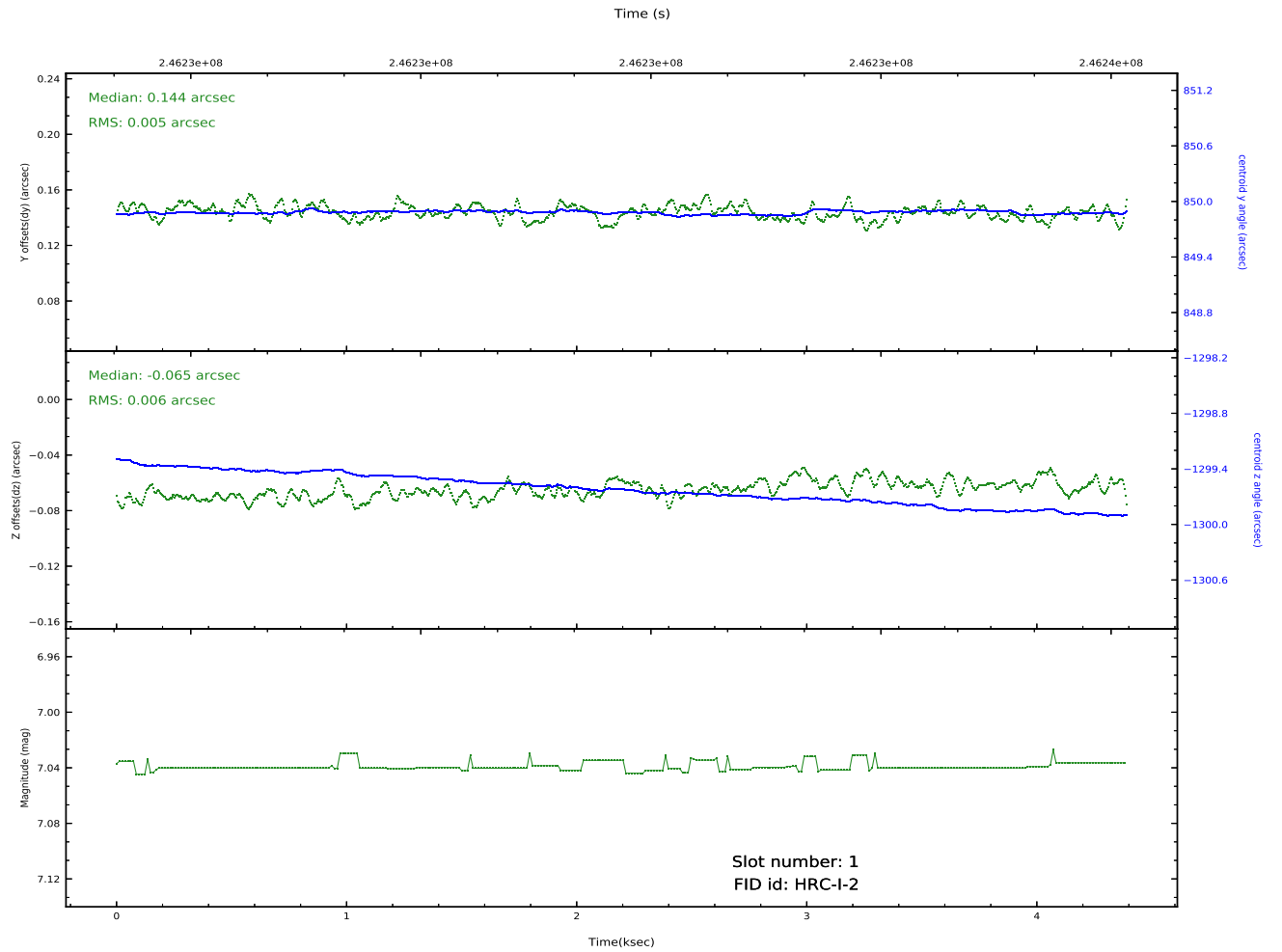
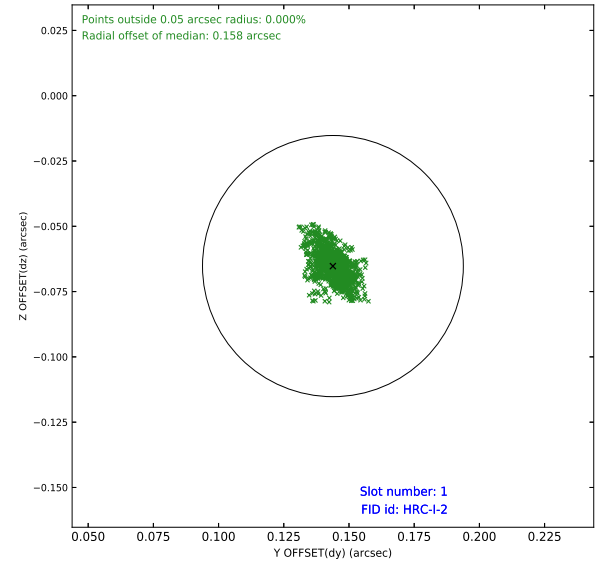
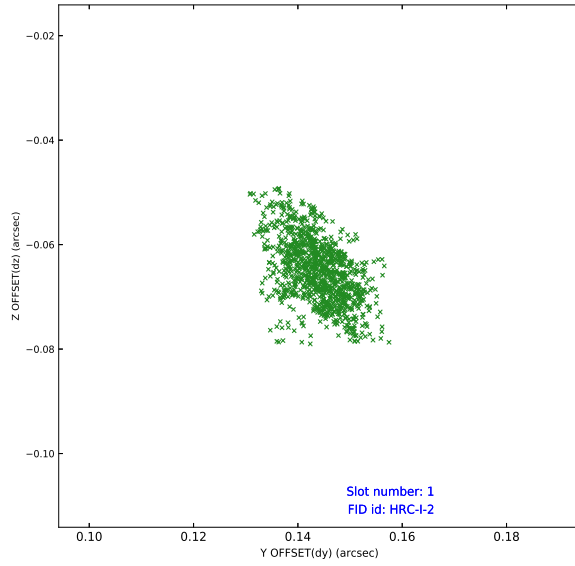


## 2.5 FID Slots

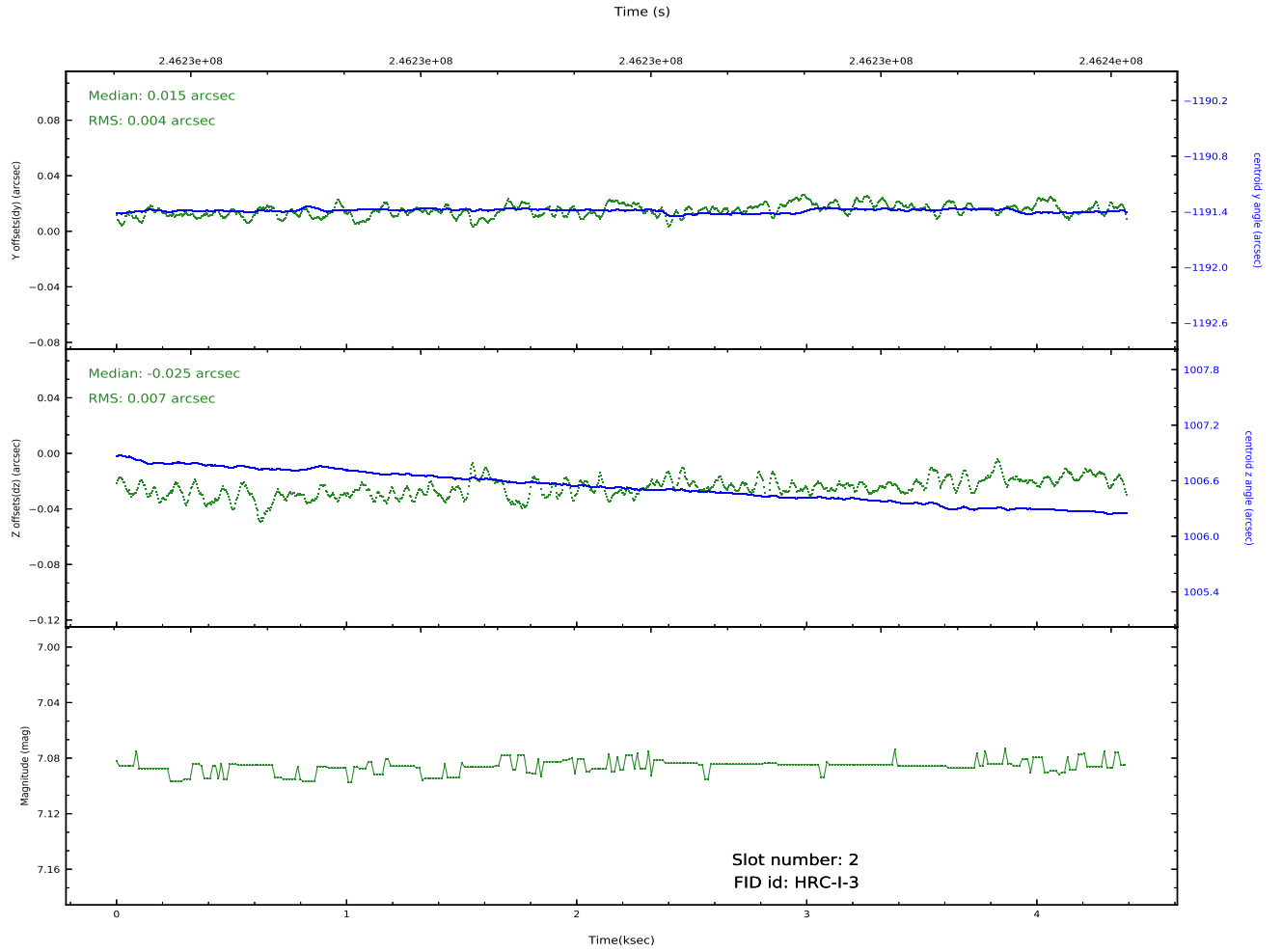
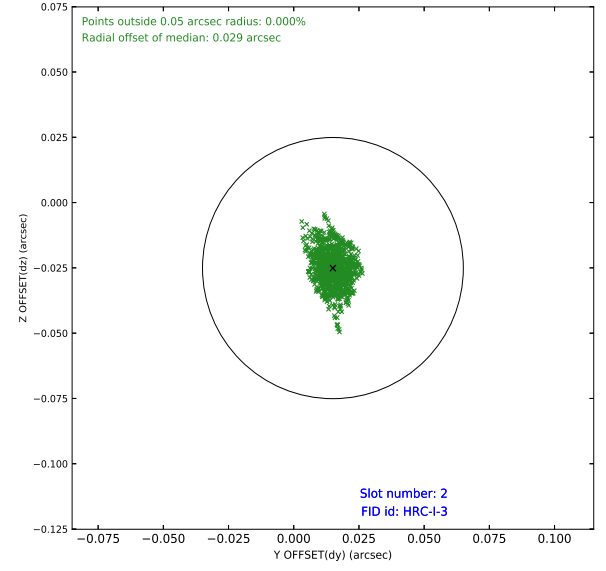
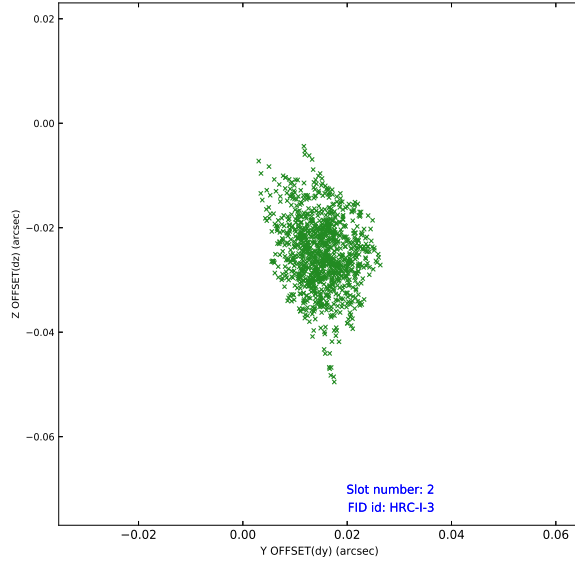
### 2.5.1 Slot 0



## 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)	2020.10.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.390331

### A.2 Comments

Joint proposal with XMM.