

# V&V Reference Report

## L2 ASCDS Version : 10.9.1

Observation 6192 - L2 Version 5  
Chandra X-Ray Center

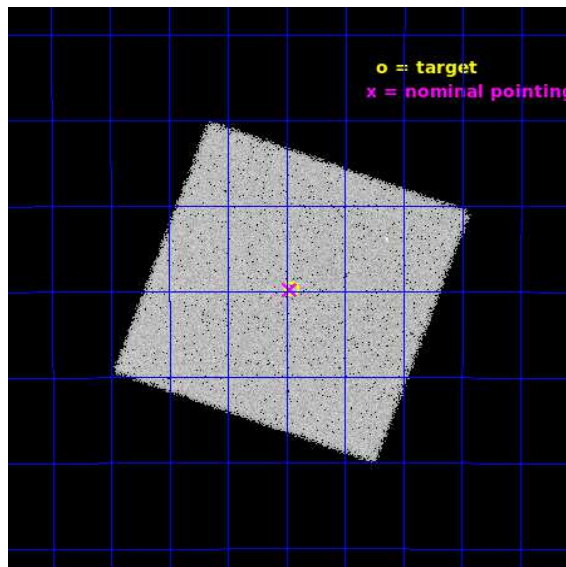
L2 Processing Date : Oct 8 2020

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# 1 Front

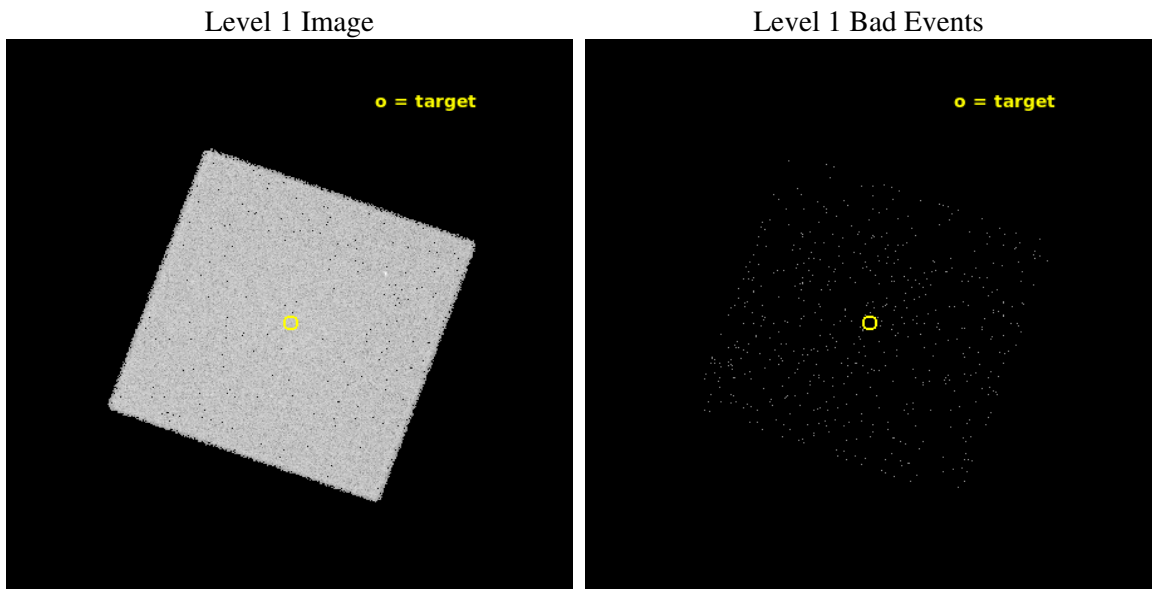
seq_num	400452	Sequence number
obs_id	6192	Observation id
title	Monitoring observations of the Galactic Center region	Proposal tit
observer	Rudy Wijnands	Principal investigator
object	Galactic Center Survey	Source name
ra_targ	266.8625	Observer's specified target RA [deg]
dec_targ	-28.996111	Observer's specified target Dec [deg]
ra_nom	266.86765824982	Nominal RA [deg]
dec_nom	-28.99640040815	Nominal Dec [deg]
roll_nom	64.994901629897	Nominal Roll [deg]
revision	5	Processing version of data
ontime	5175.4814861715	[s]
livetime	5139.1918901018	Ontime multiplied by DTCOR
l2events	194467	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	5000.000000	[s] Scheduled observation exposure time
ascdsver	10.9.1	Processing system revision	ontime	5175.4814861715	[s]
caldbver	4.9.2	&#160	l1events	308478	Number of level 1 events
date	2020-10-08T18:25:23	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	308478
rejected events	18688
rejected %	6%

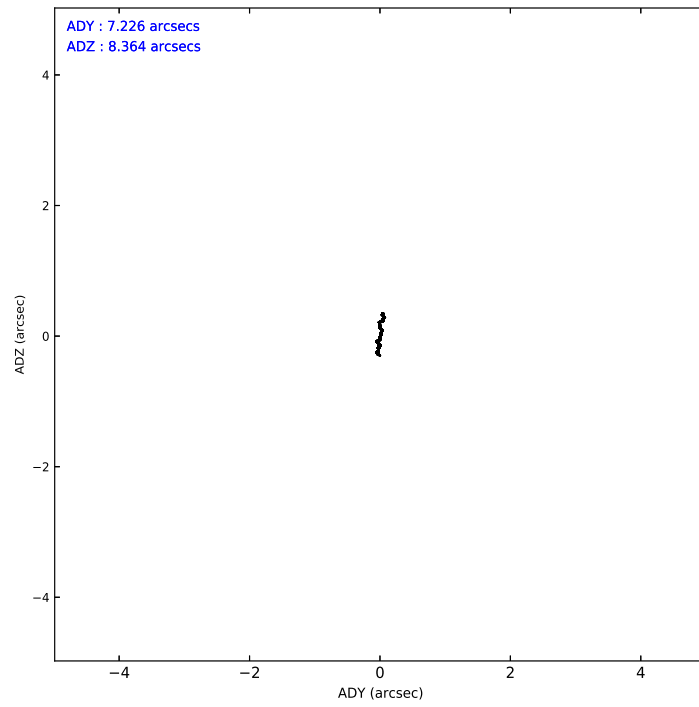
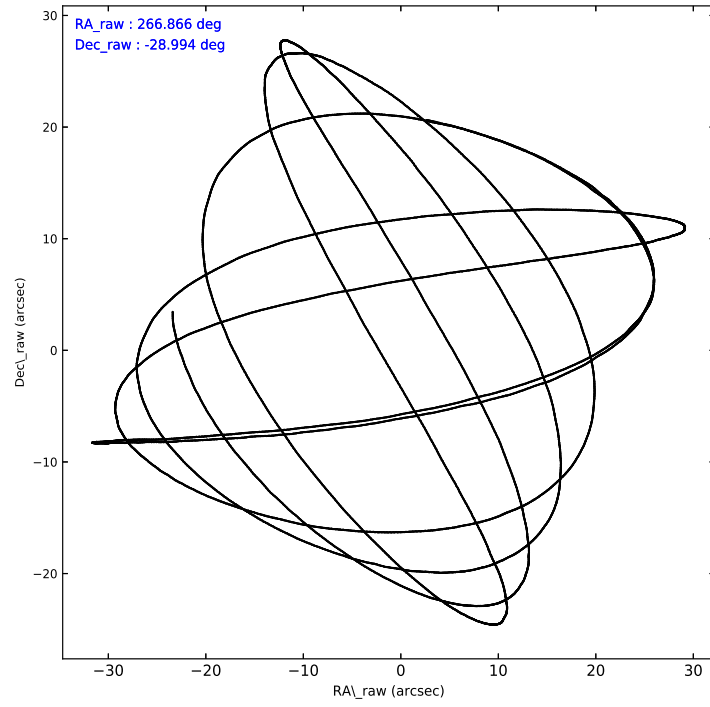


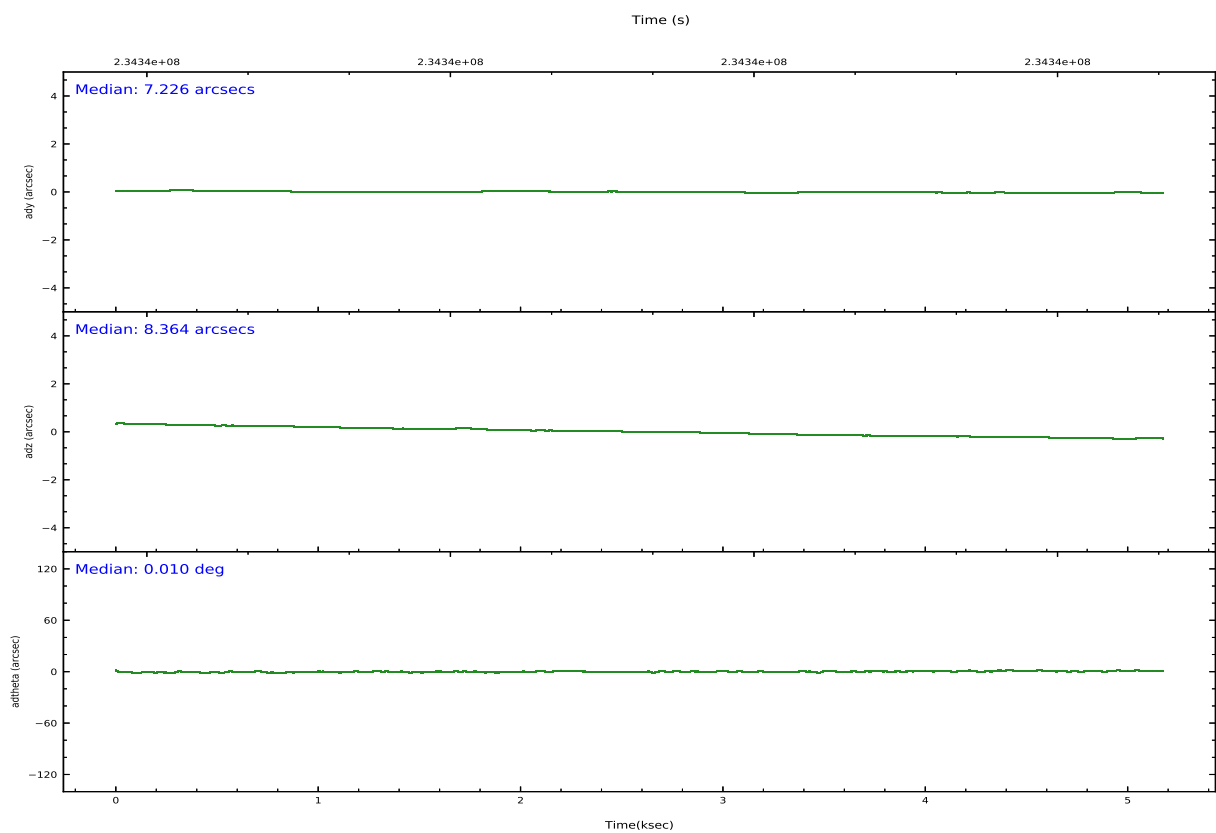
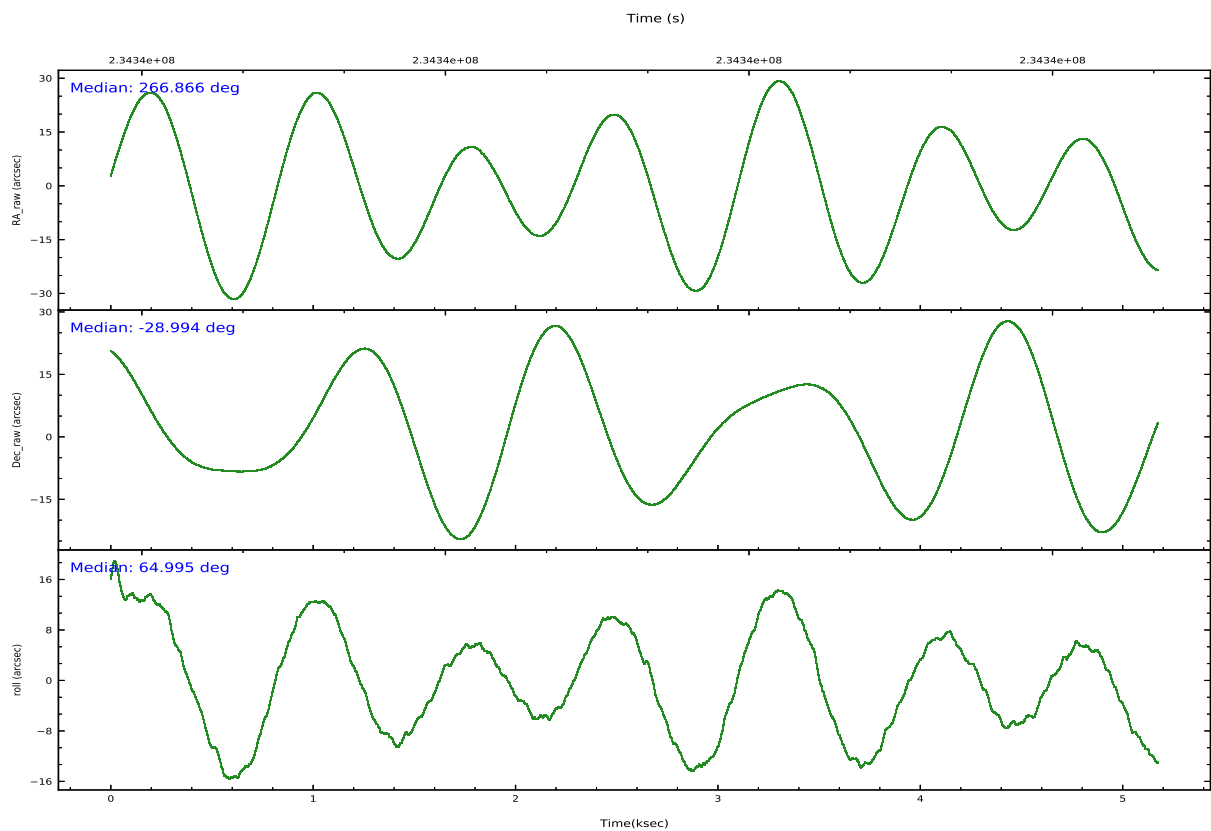
## 2.2 Compared Parameters

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	266.869442	266.86765824982
[deg] Pointing Dec	-29.020243	-28.99640040815
[deg] Pointing Roll	65.109248	64.994901629897
[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)	234335522.184000	234335146.30773
Observation start date	2005-06-05T05:10:58	2005-06-05T05:05:46
[s] Observation end time (MET)	234340522.184000	234340656.19548
Observation end date	2005-06-05T06:34:18	2005-06-05T06:37:36

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

## 2.3 Aspect



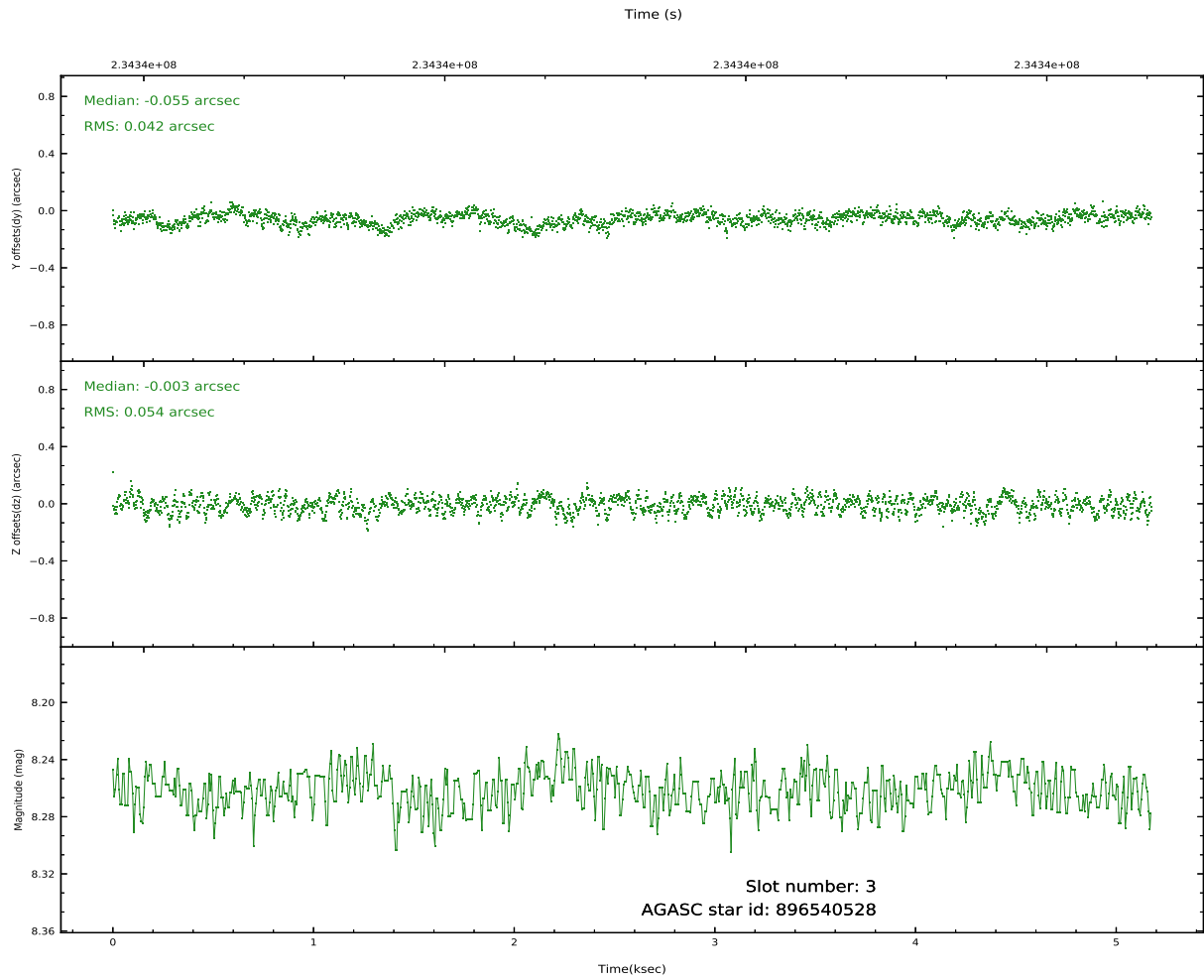
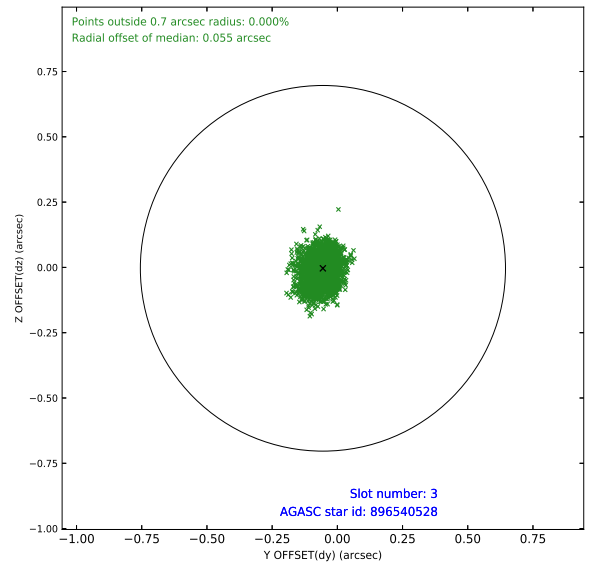
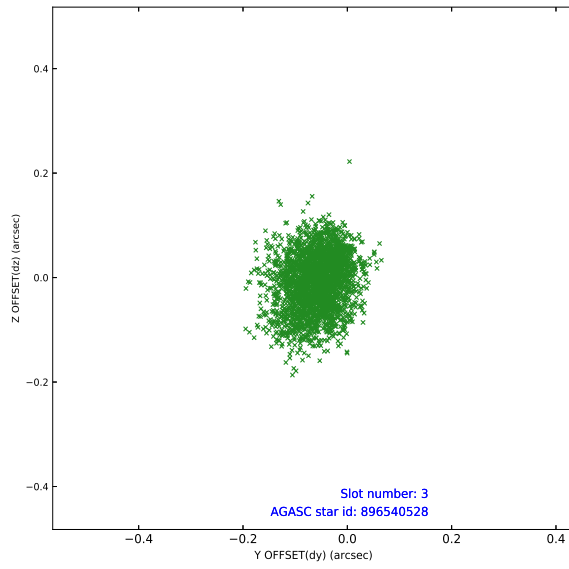


Slot Statistics

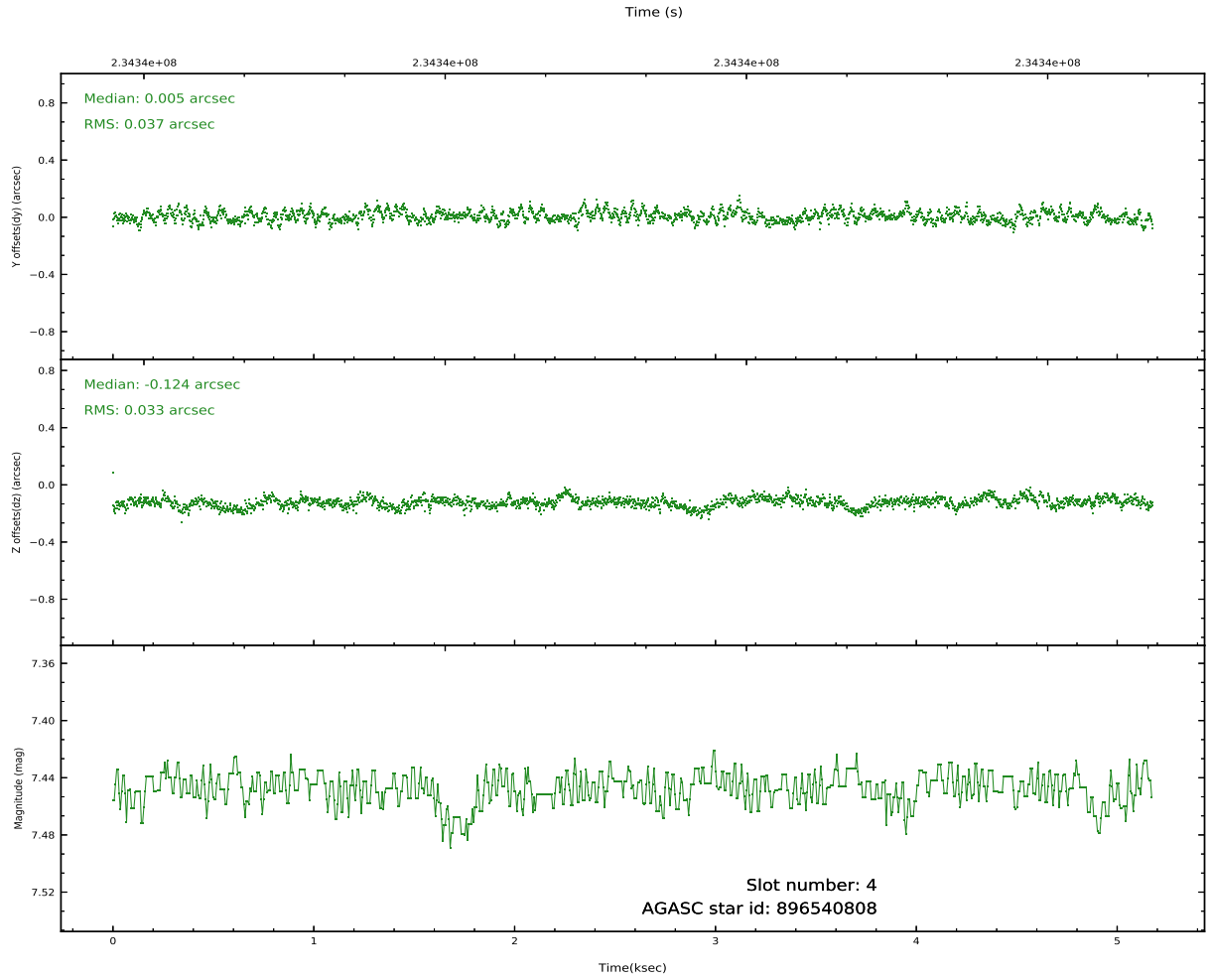
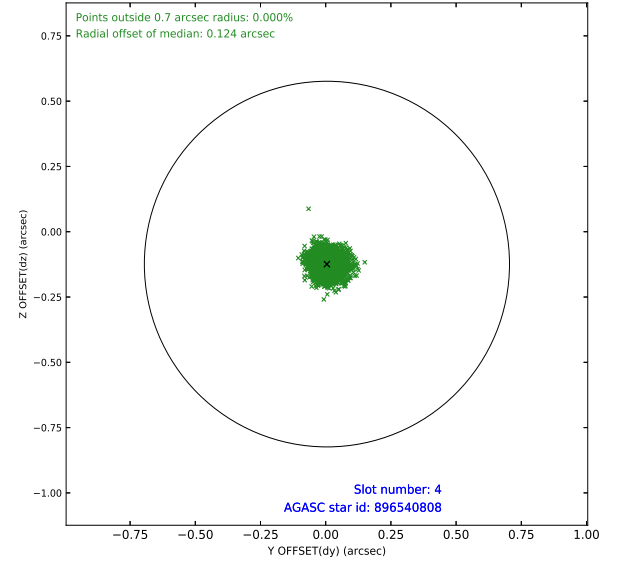
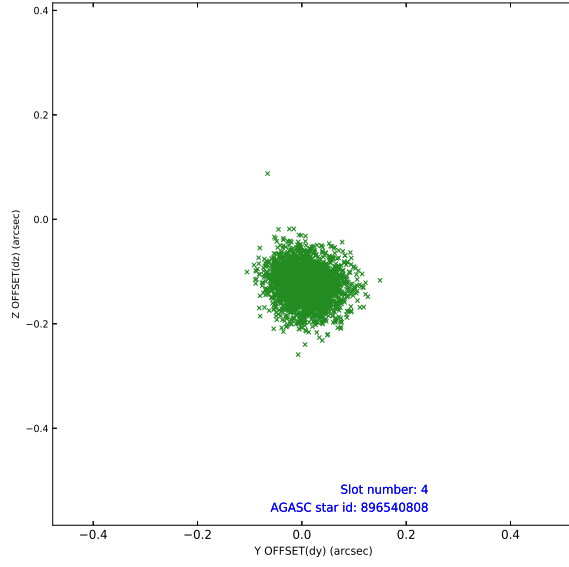
pt	status	used	id	mag	n_pts	frac_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mea
0	FID		HRC-I-1	7.00	1263	1.000	0.006	-0.013	0.009	0.015	0.000000	0.000000	-762.85	-1296
1	FID		HRC-I-3	7.08	1263	1.000	-0.068	-0.072	0.011	0.020	0.000000	0.000000	-1191.94	1007
2	FID		HRC-I-4	7.04	1263	1.000	0.176	-0.004	0.006	0.010	0.000000	0.000000	1279.24	1006
3	GUIDE	used	896540528	8.26	2525	1.000	-0.055	-0.003	0.072	0.117	267.368305	-29.314773	-305.00	-1867
4	GUIDE	used	896540808	7.45	2526	1.000	0.005	-0.124	0.053	0.086	265.985401	-29.308604	-2119.04	2075
5	GUIDE	used	896541360	7.72	2526	1.000	-0.007	0.123	0.057	0.094	266.684478	-29.453744	-1660.39	-129
6	GUIDE	used	896534664	8.20	2524	1.000	0.035	-0.049	0.075	0.117	266.405570	-28.407461	1379.73	2260
7	GUIDE	used	896543712	8.27	2525	1.000	0.031	0.064	0.076	0.125	267.764551	-28.659720	2358.91	-2021

## 2.4 Star Slots

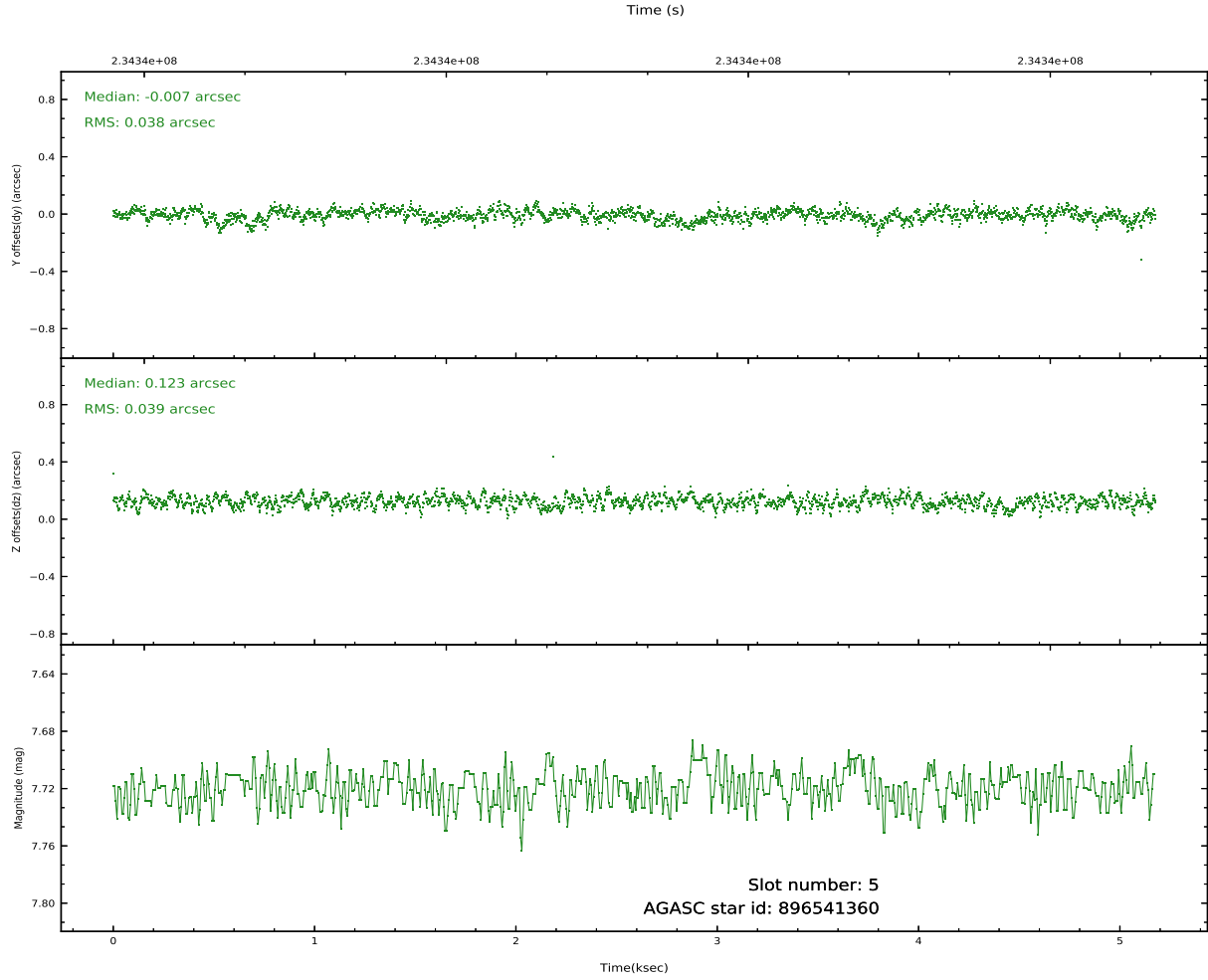
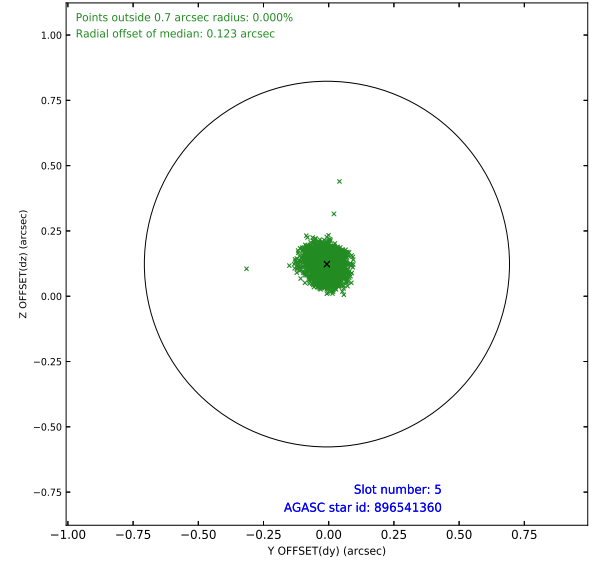
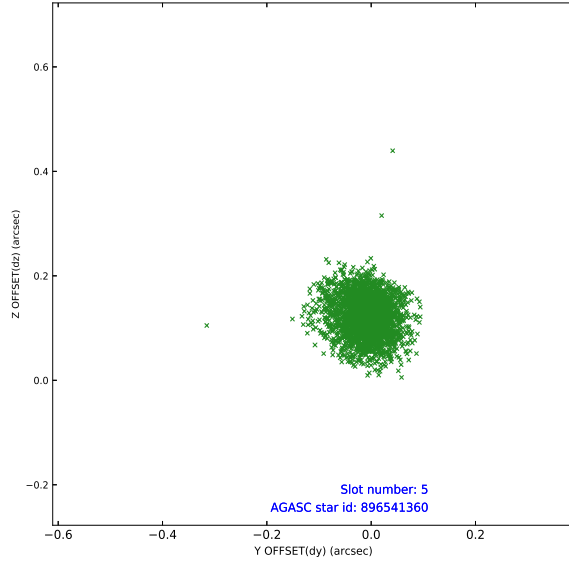
### 2.4.1 Slot 3



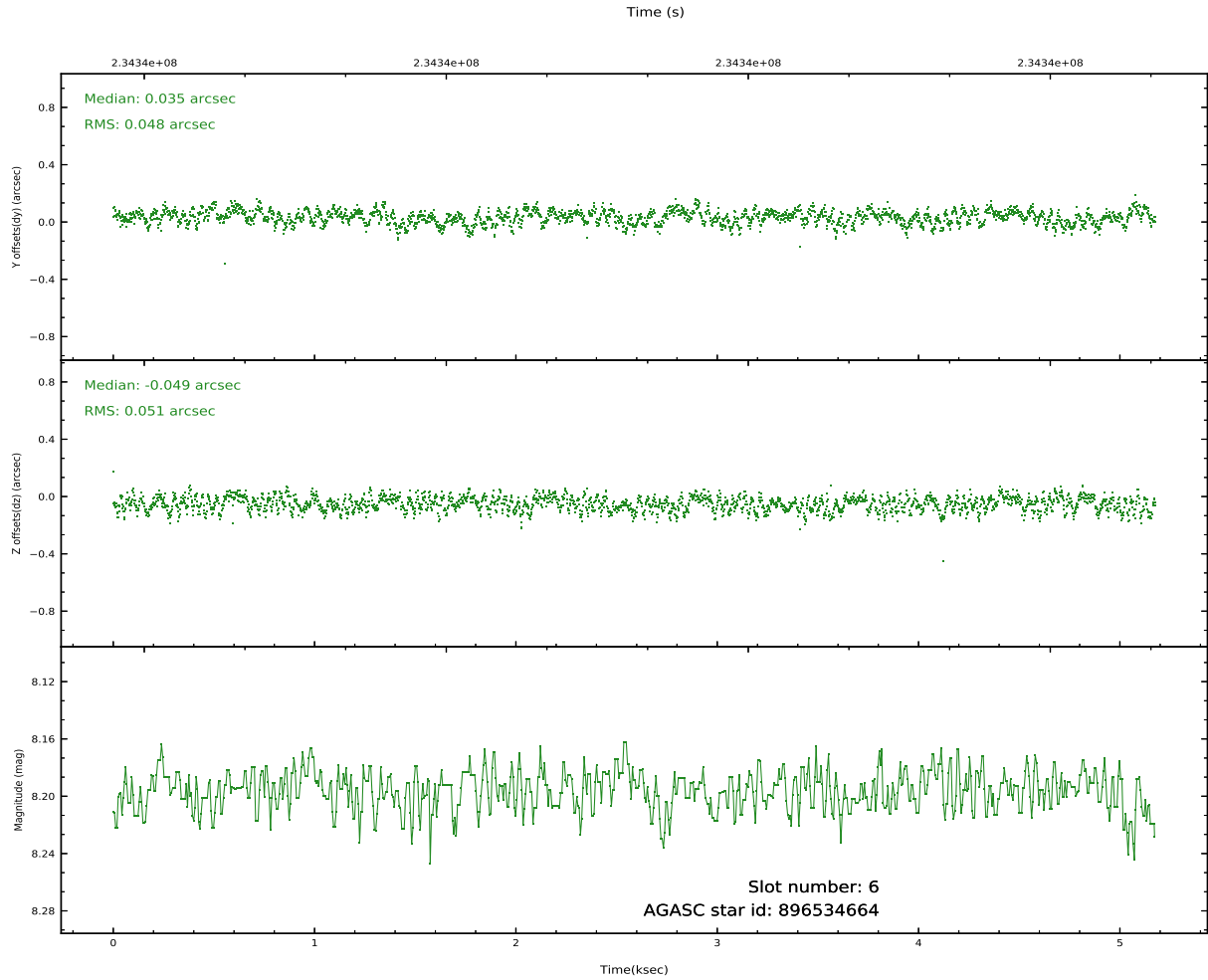
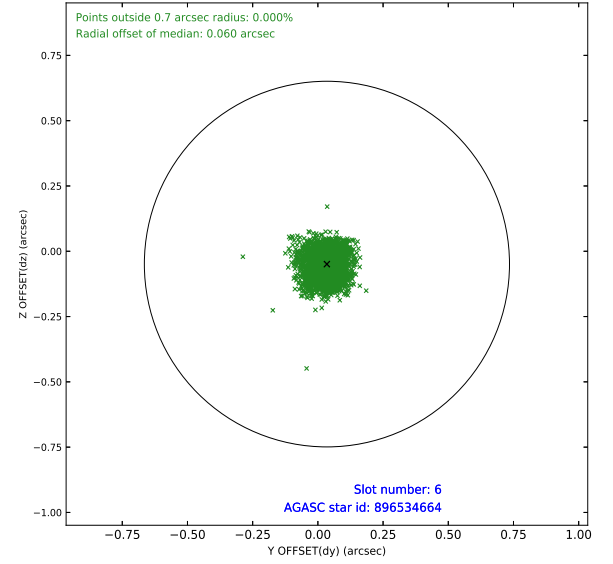
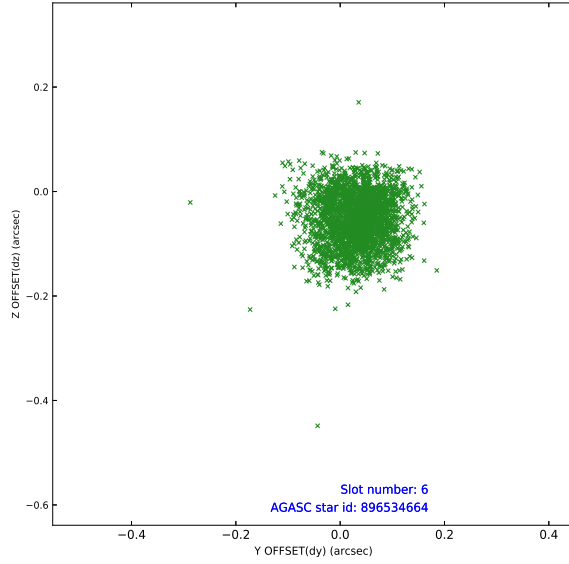
## 2.4.2 Slot 4



### 2.4.3 Slot 5

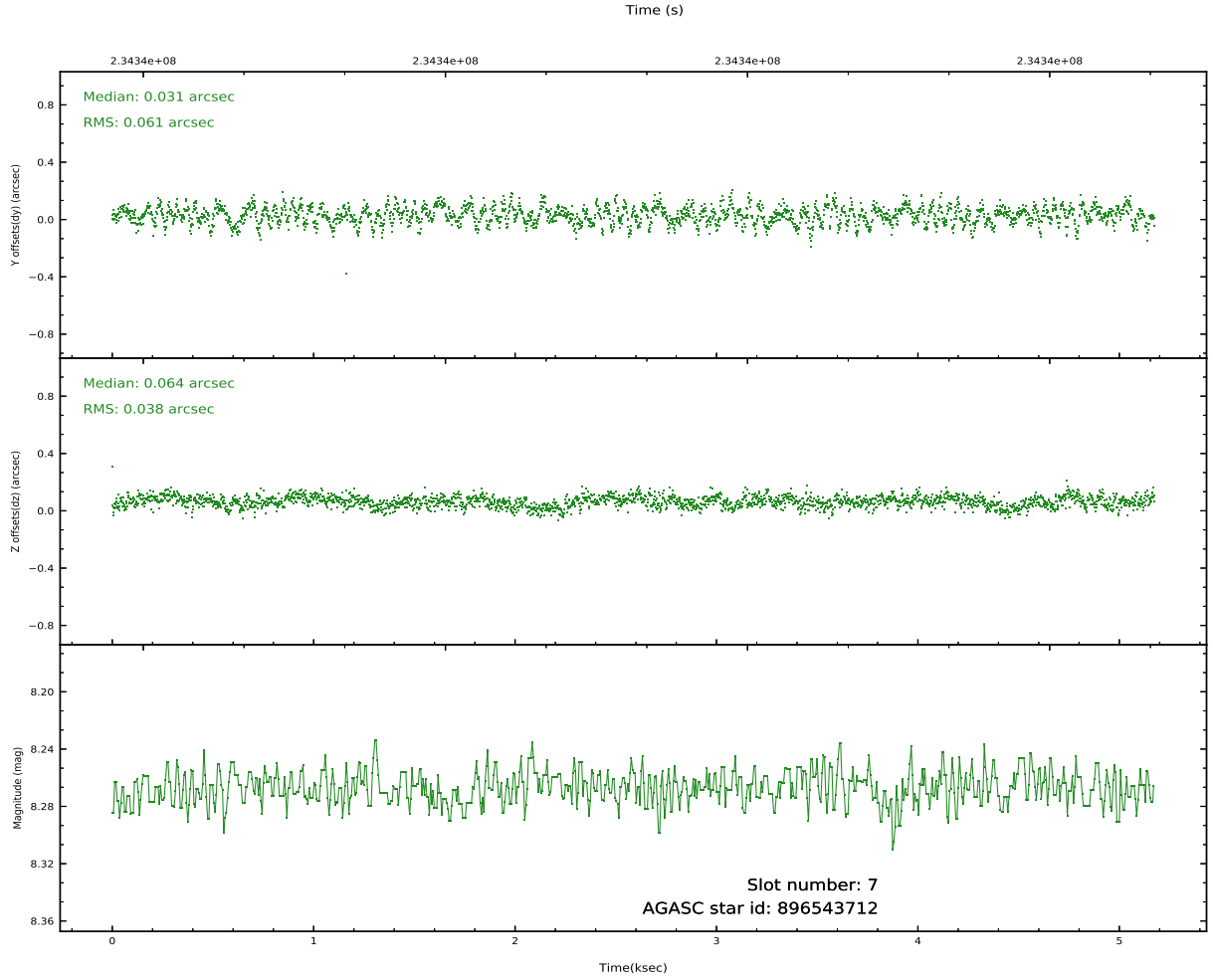
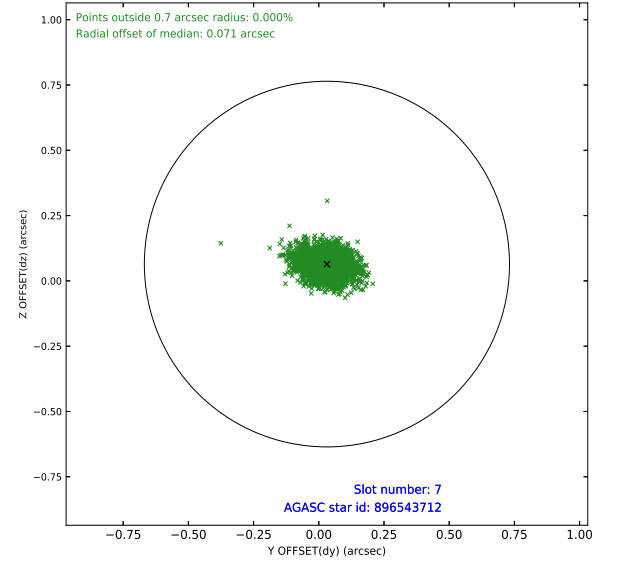
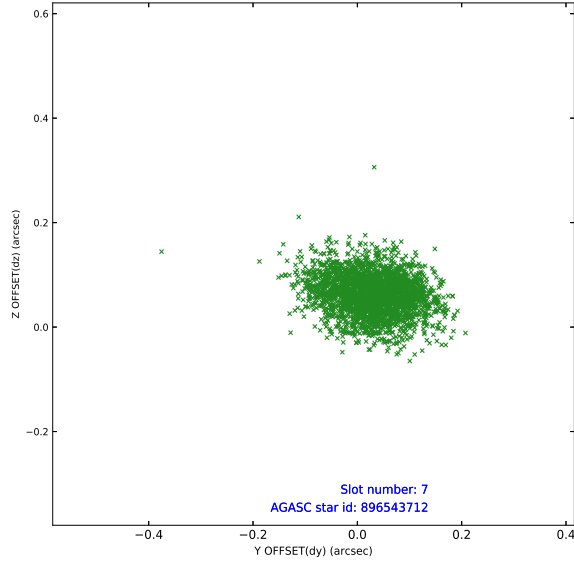


## 2.4.4 Slot 6



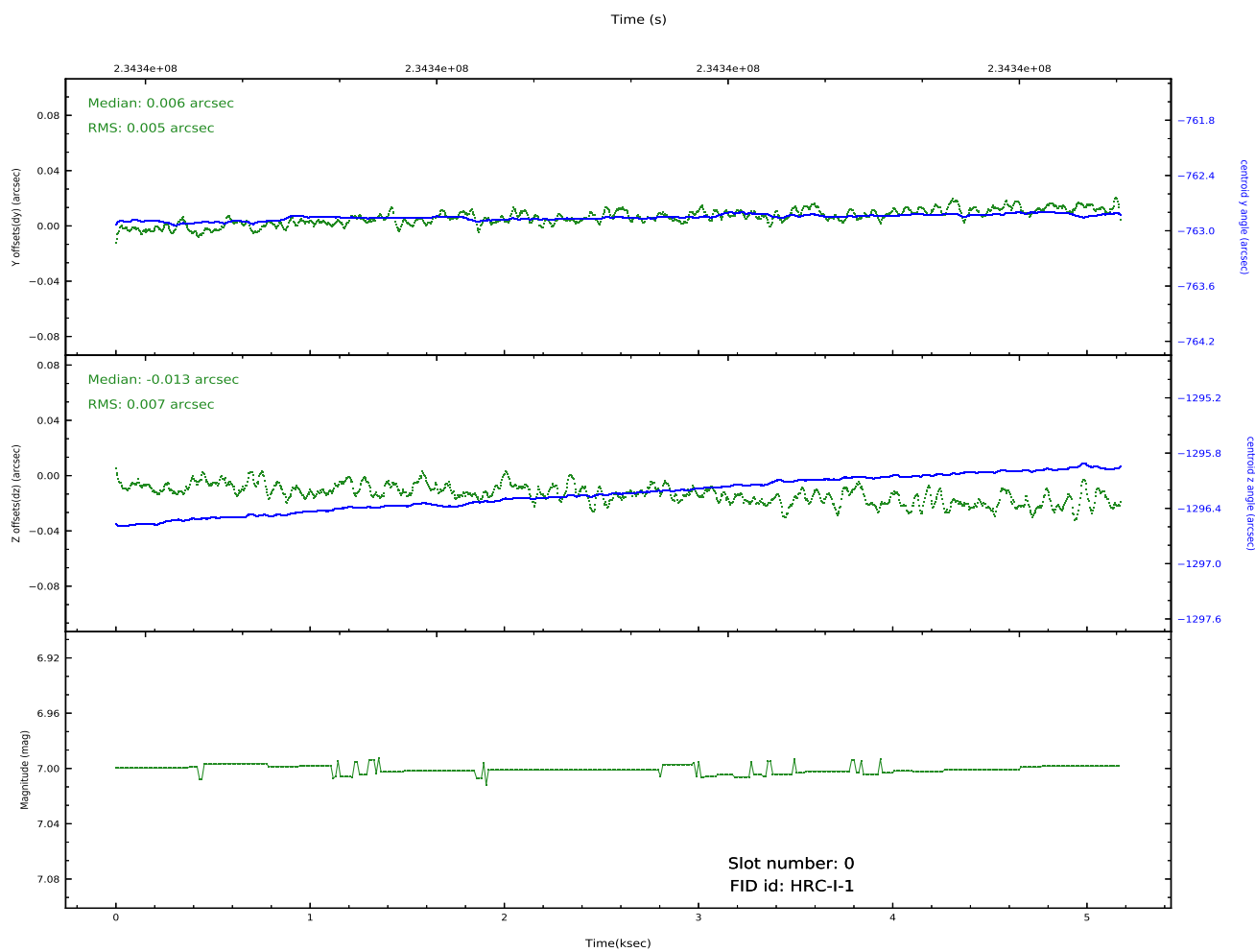
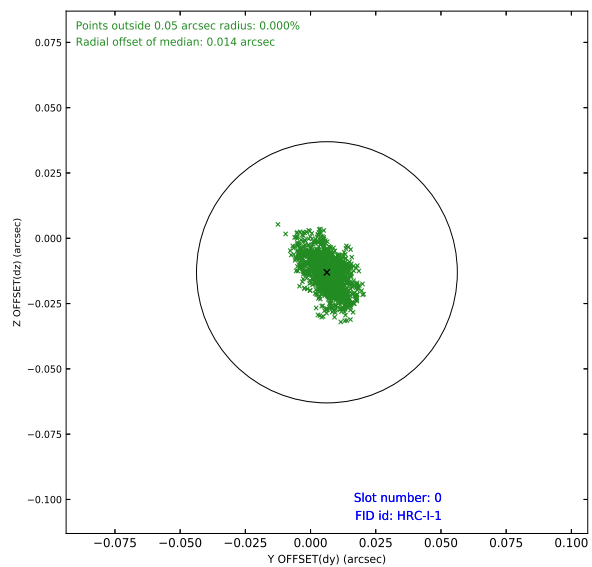
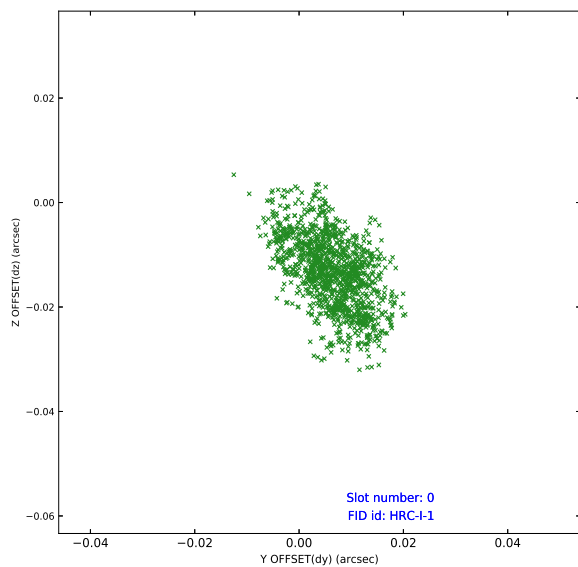


## 2.4.5 Slot 7

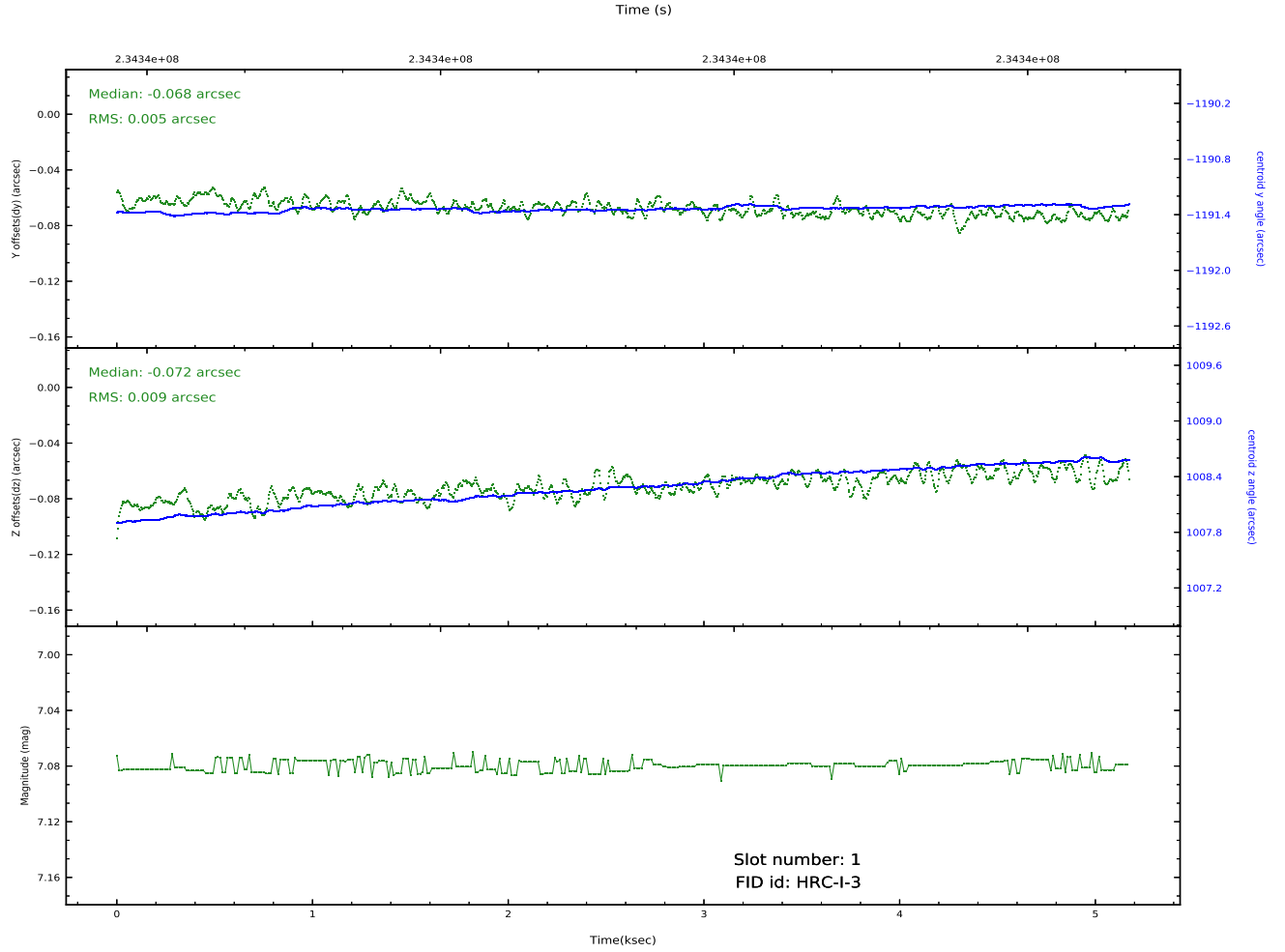
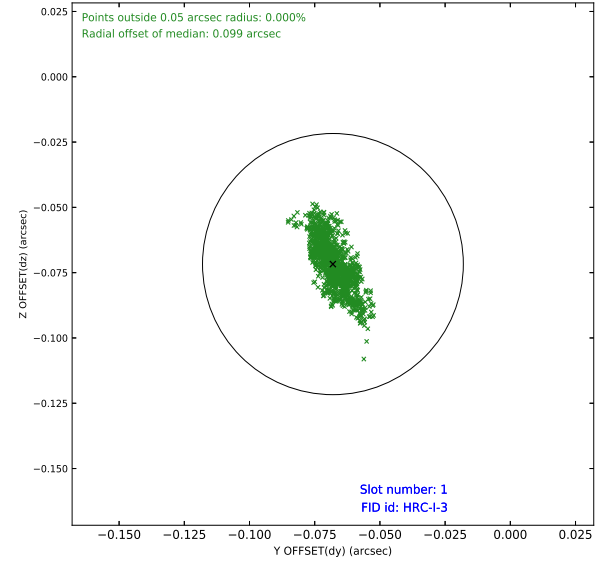
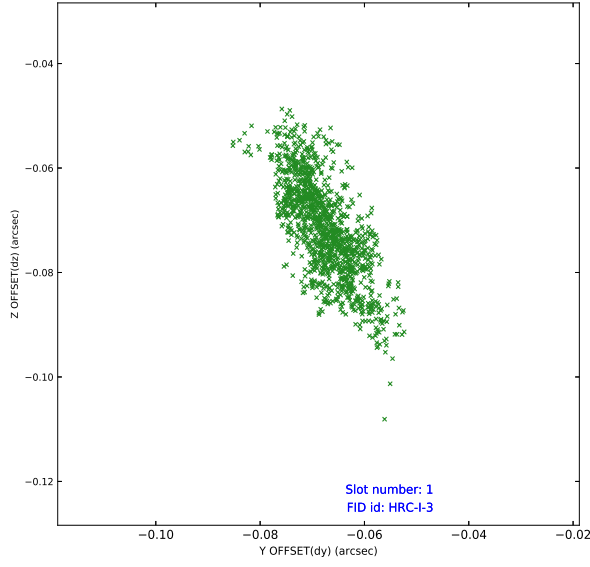


## 2.5 FID Slots

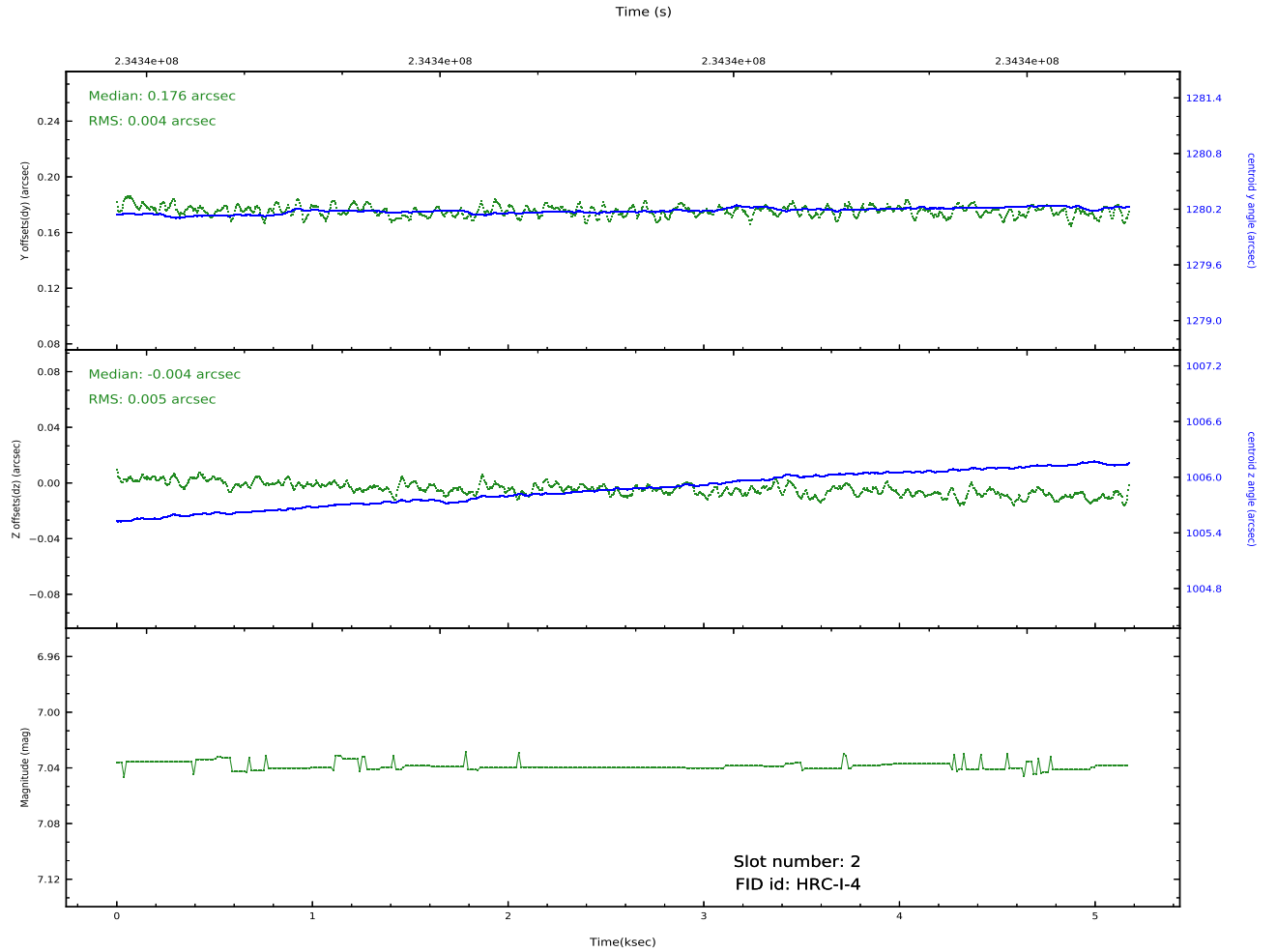
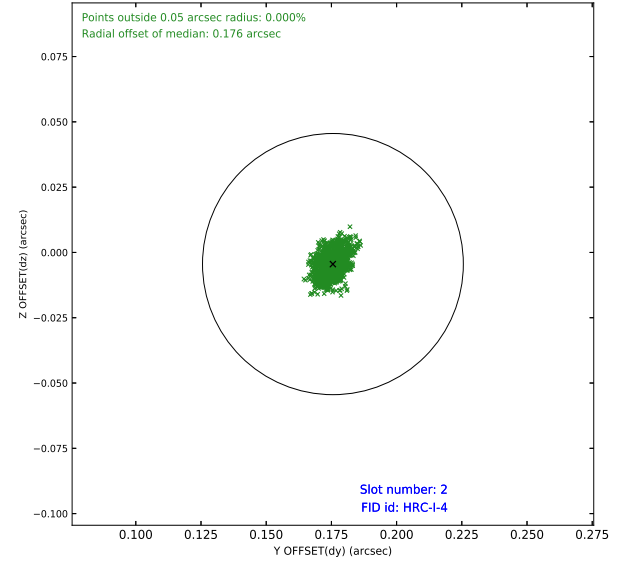
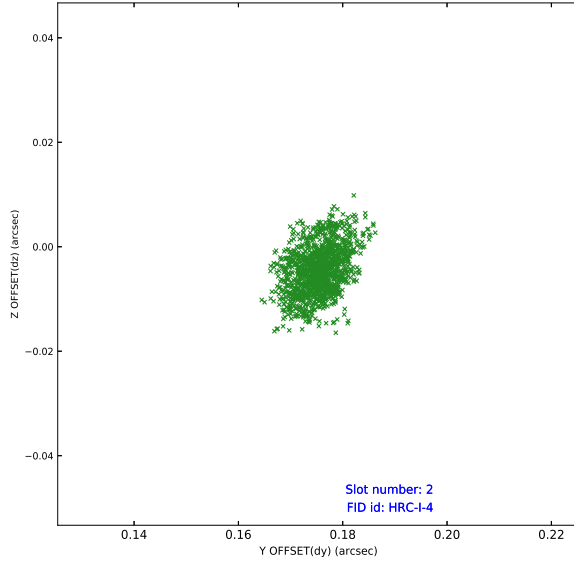
### 2.5.1 Slot 0



## 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)	2020.10.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.175225

## A.2 Comments

Joint Proposal: CXO-XMM