

# V&V Reference Report

## L2 ASCDS Version : 10.9.1

Observation 6201 - L2 Version 5  
Chandra X-Ray Center

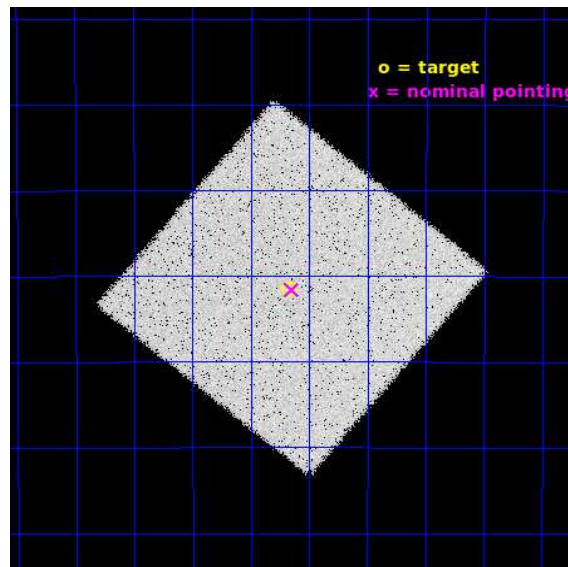
L2 Processing Date : Oct 10 2020

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# 1 Front

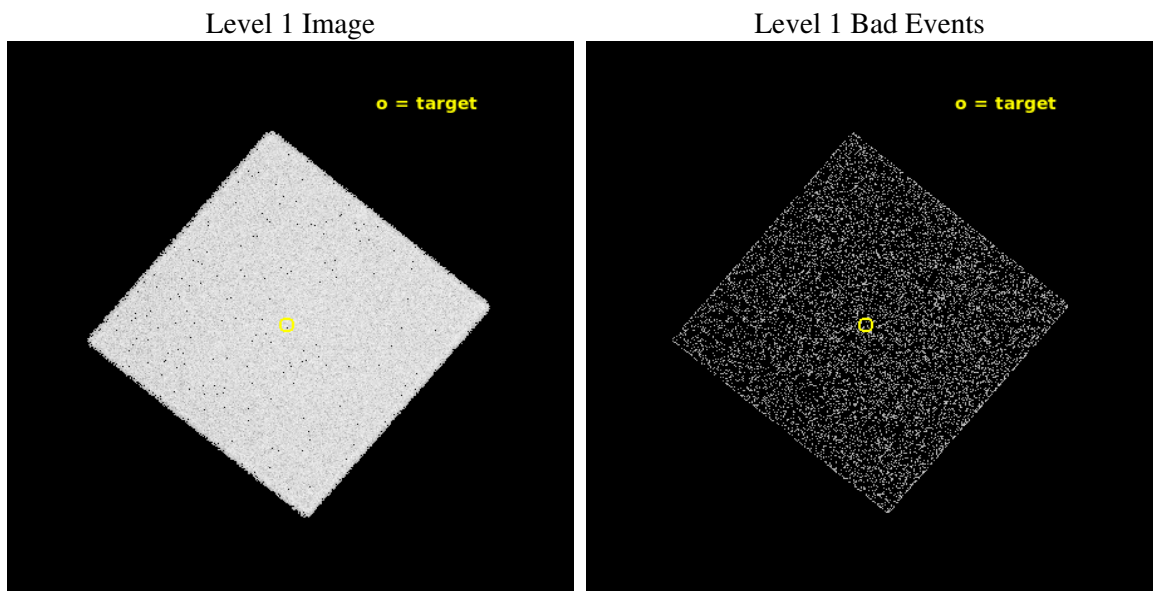
seq_num	400461	Sequence number
obs_id	6201	Observation id
title	Monitoring observations of the Galactic Center region	Proposal tit
observer	Rudy Wijnands	Principal investigator
object	Galactic Center Survey	Source name
ra_targ	266.1675	Observer's specified target RA [deg]
dec_targ	-29.358611	Observer's specified target Dec [deg]
ra_nom	266.16193716575	Nominal RA [deg]
dec_nom	-29.359875373833	Nominal Dec [deg]
roll_nom	264.82765357621	Nominal Roll [deg]
revision	5	Processing version of data
ontime	4379.8252018392	[s]
livetime	4347.3689134579	Ontime multiplied by DTCOR
l2events	175415	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	4379.8252018392	[s]
caldsver	4.9.2	&#160	l1events	315971	Number of level 1 events
date	2020-10-11T03:30:40	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	315971
rejected events	54108
rejected %	17%

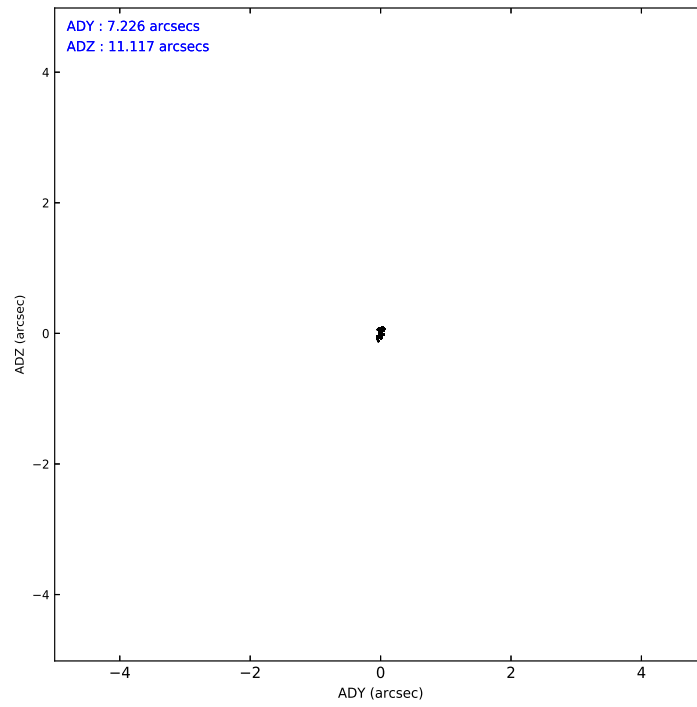
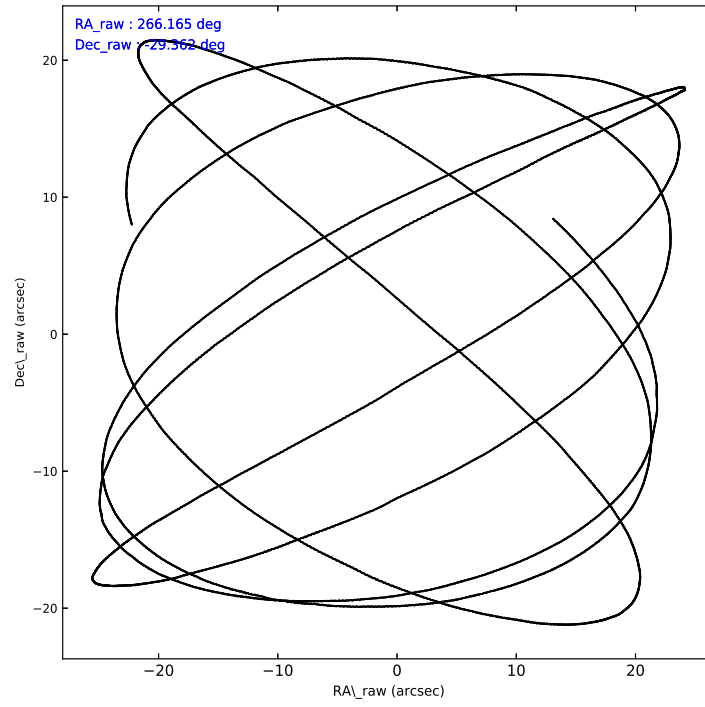


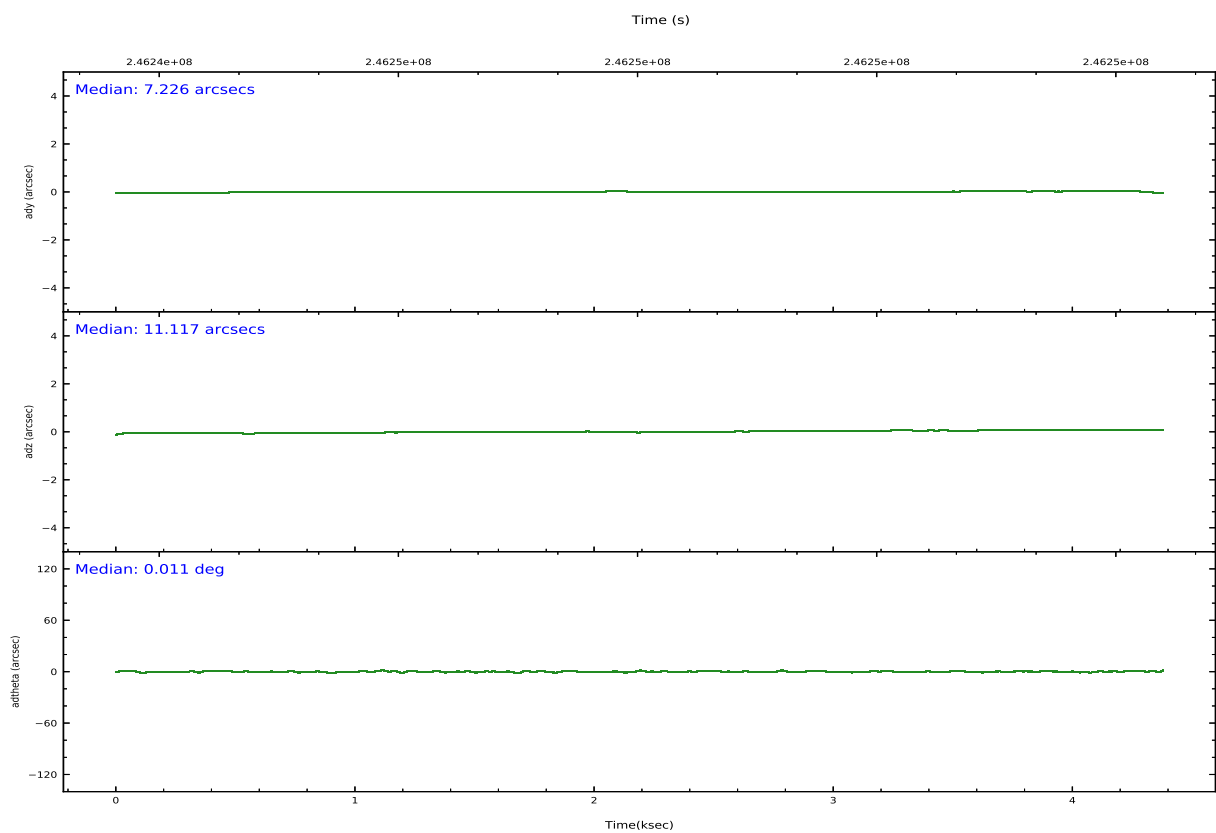
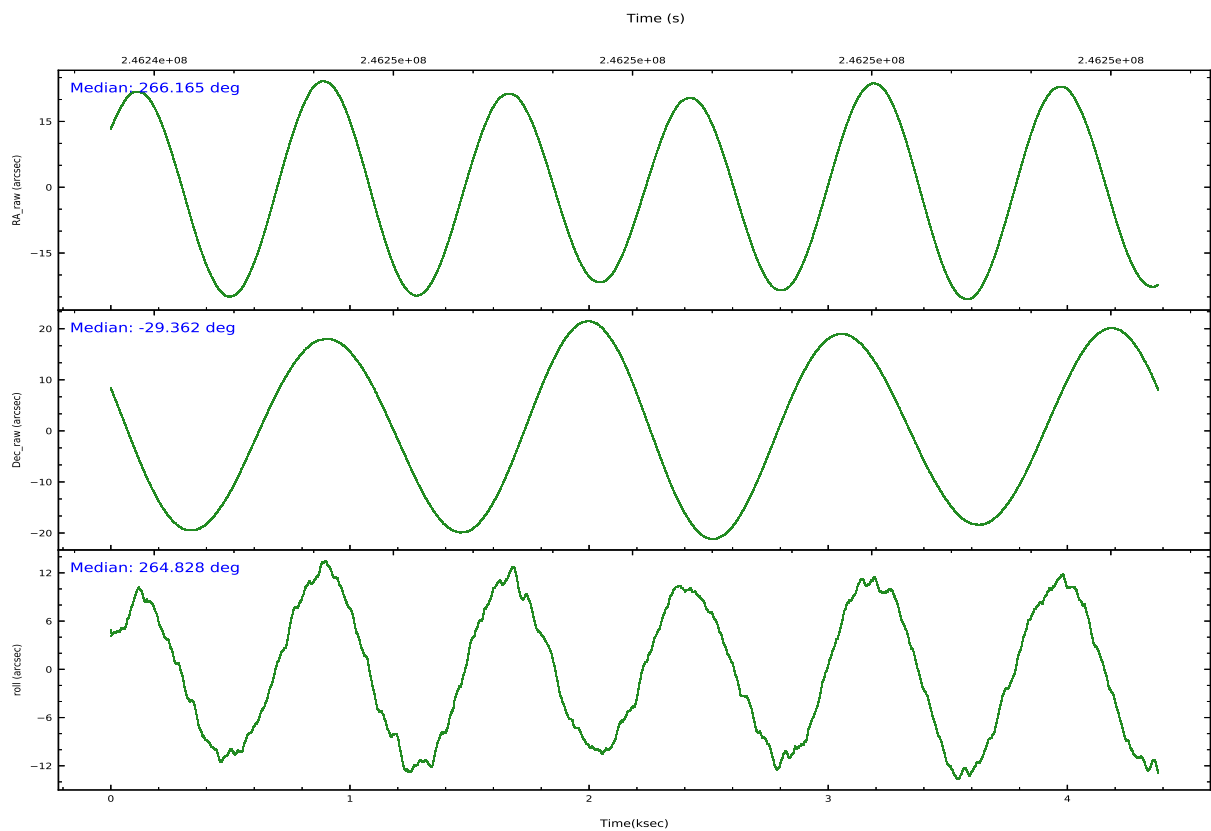
## 2.2 Compared Parameters

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	266.151548	266.16193716575
[deg] Pointing Dec	-29.337977	-29.359875373833
[deg] Pointing Roll	264.935520	264.82765357621
[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)	246244998.184000	246244622.36626
Observation start date	2005-10-21T01:22:14	2005-10-21T01:17:02
[s] Observation end time (MET)	246249198.184000	246249900.604
Observation end date	2005-10-21T02:32:14	2005-10-21T02:45:00

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

## 2.3 Aspect



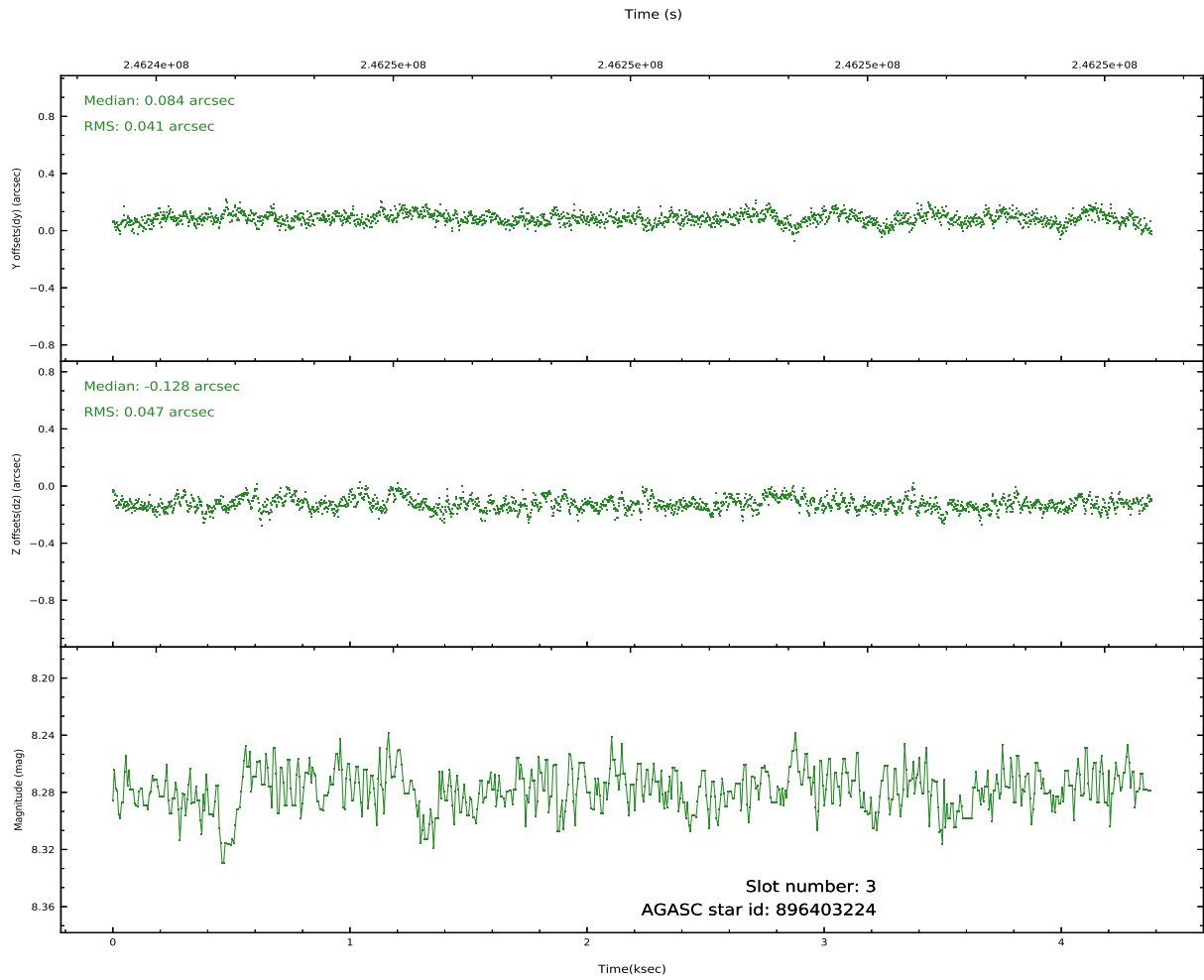
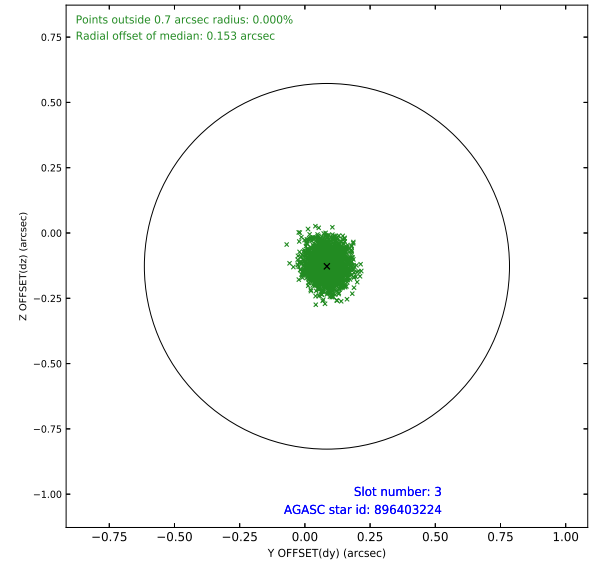
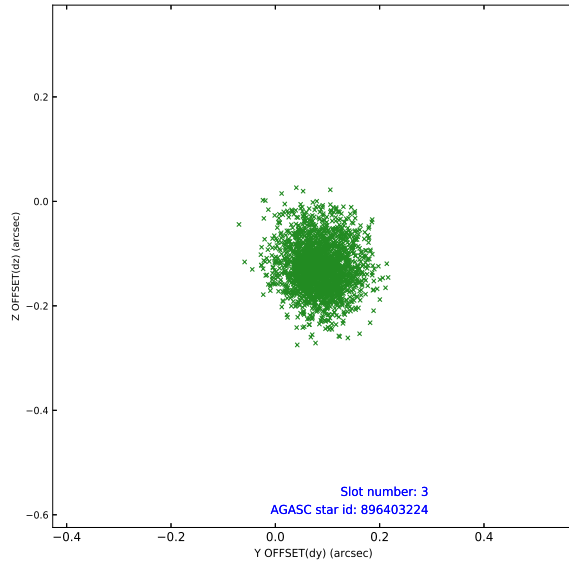


Slot Statistics

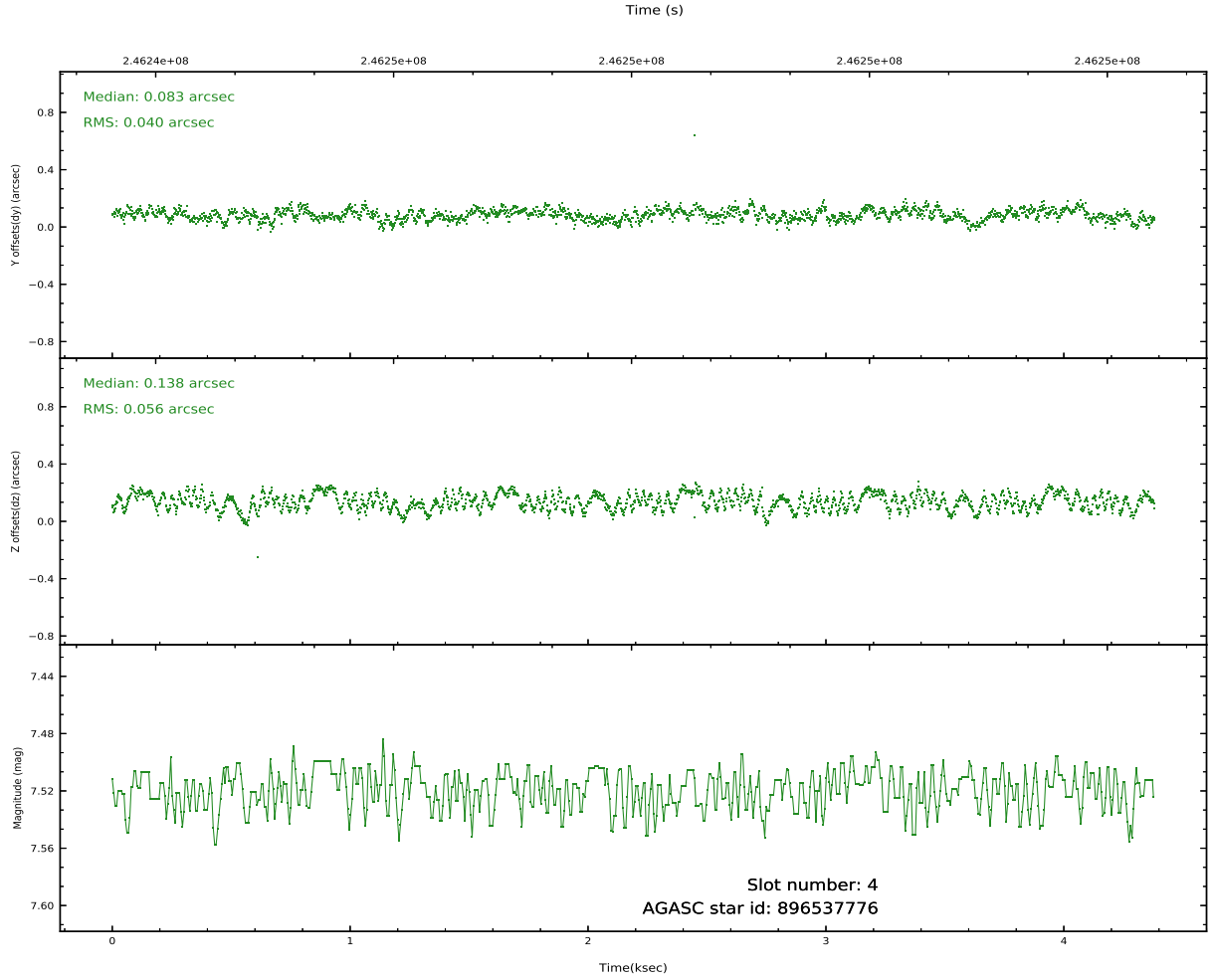
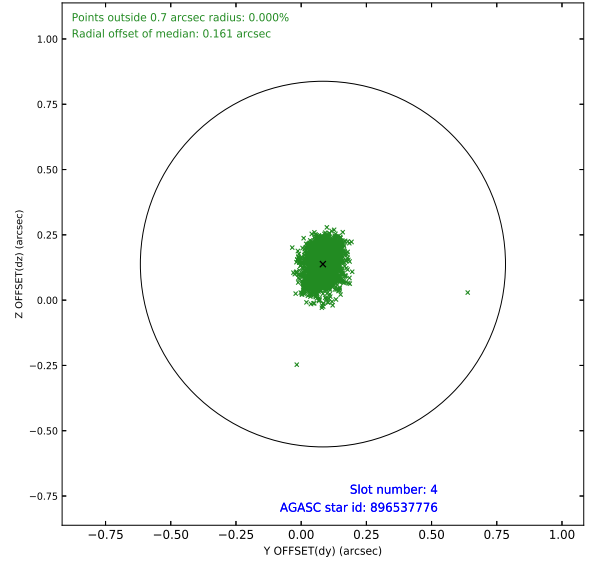
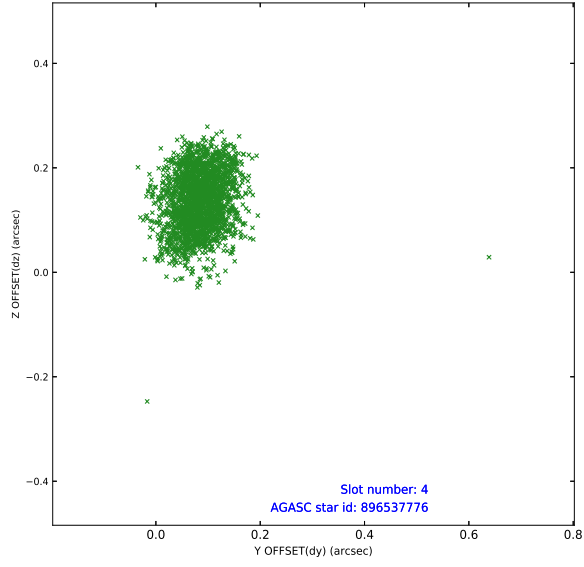
pt	status	used	id	mag	n_pts	frac_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mea
0	FID		HRC-I-1	7.00	1069	1.000	-0.075	-0.097	0.006	0.009	0.000000	0.000000	-762.95	-1299
1	FID		HRC-I-2	7.03	1069	1.000	0.094	-0.049	0.007	0.010	0.000000	0.000000	849.13	-1301
2	FID		HRC-I-4	7.05	1069	1.000	0.098	0.055	0.005	0.008	0.000000	0.000000	1280.92	1001
3	GUIDE	used	896403224	8.28	2138	1.000	0.084	-0.128	0.066	0.110	265.612825	-29.438915	515.78	-1650
4	GUIDE	used	896537776	7.52	2138	1.000	0.083	0.138	0.073	0.113	266.655684	-29.665673	1039.80	1674
5	GUIDE	used	896541360	7.72	2137	1.000	0.013	0.189	0.065	0.102	266.684478	-29.453744	272.14	1701
6	GUIDE	used	896404784	9.32	2134	1.000	-0.037	-0.121	0.117	0.185	265.491289	-29.092670	-689.50	-2146
7	GUIDE	used	896403520	9.00	2137	1.000	-0.147	-0.080	0.080	0.127	265.626481	-28.748780	-1962.49	-1839

## 2.4 Star Slots

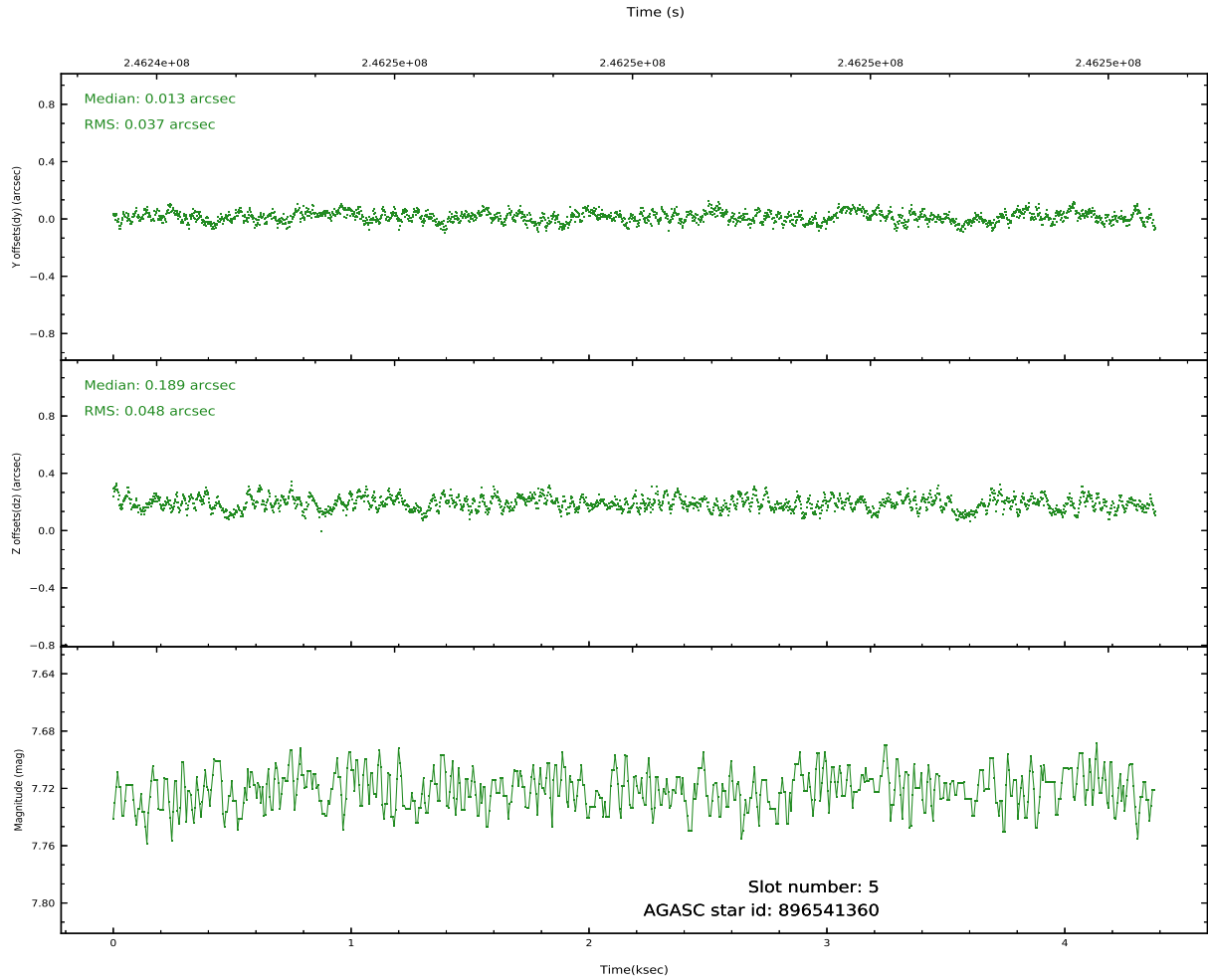
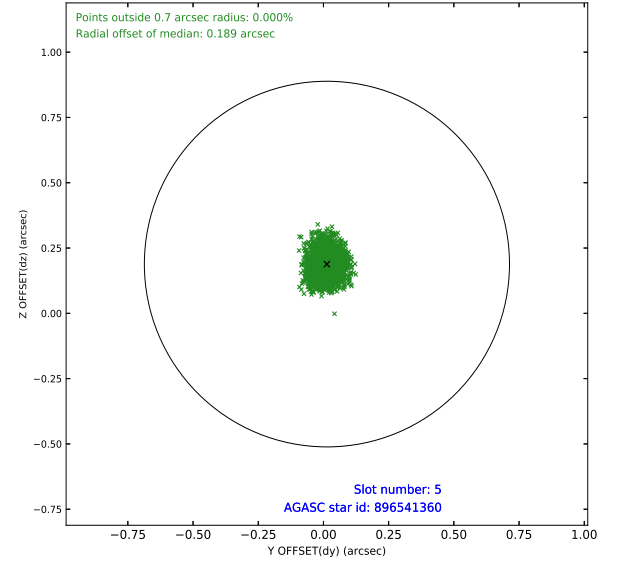
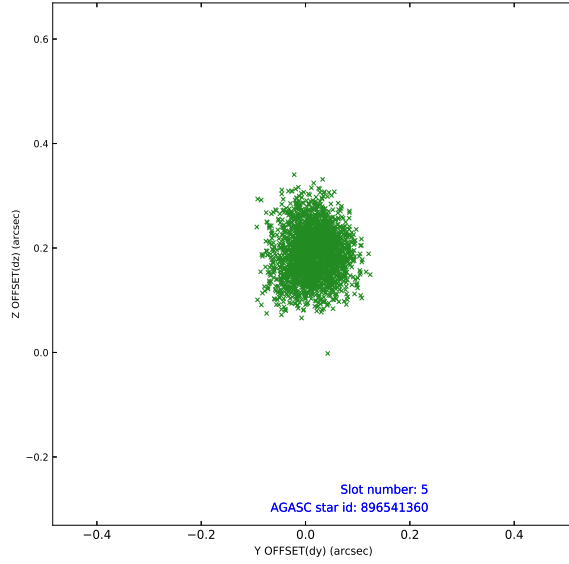
### 2.4.1 Slot 3



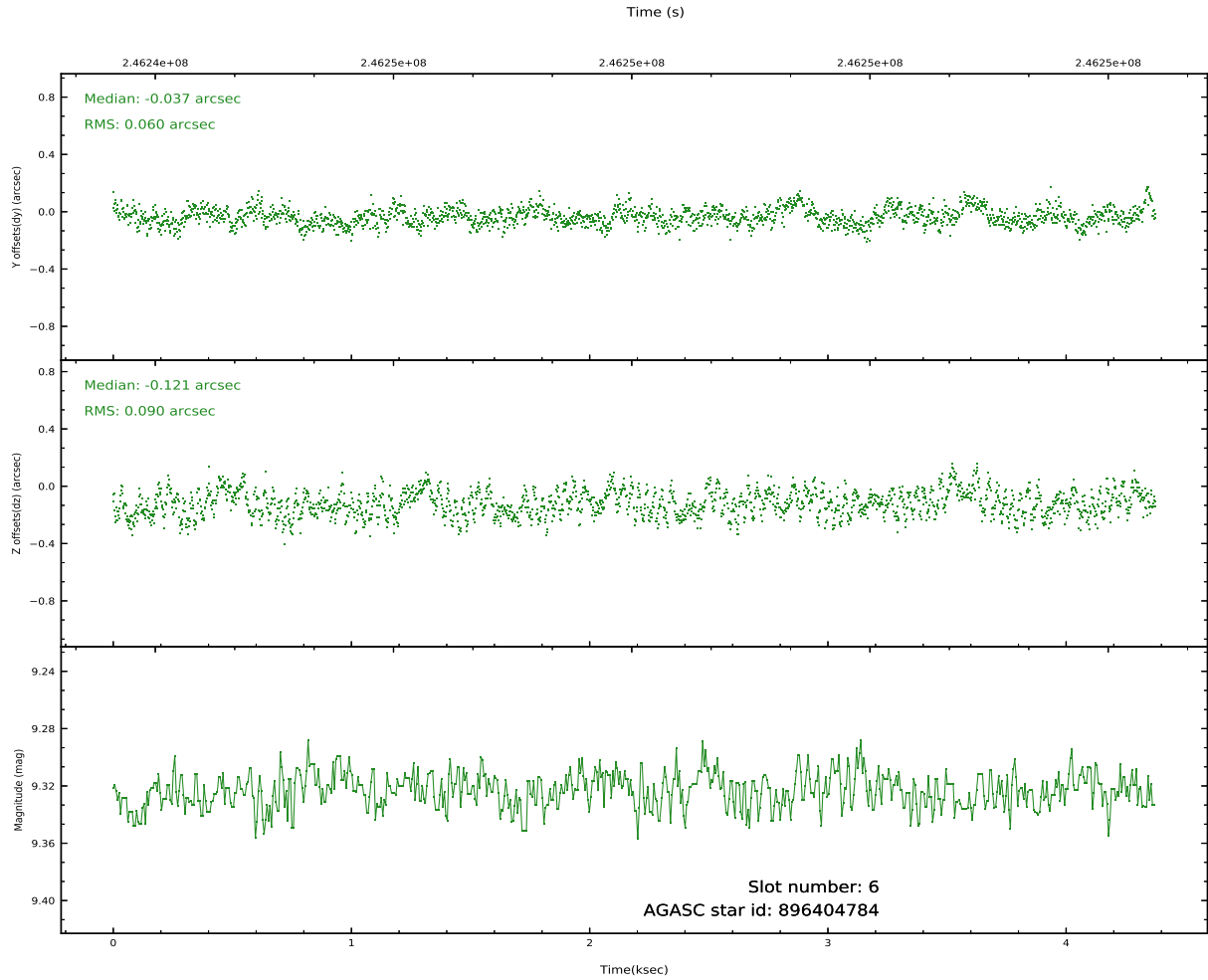
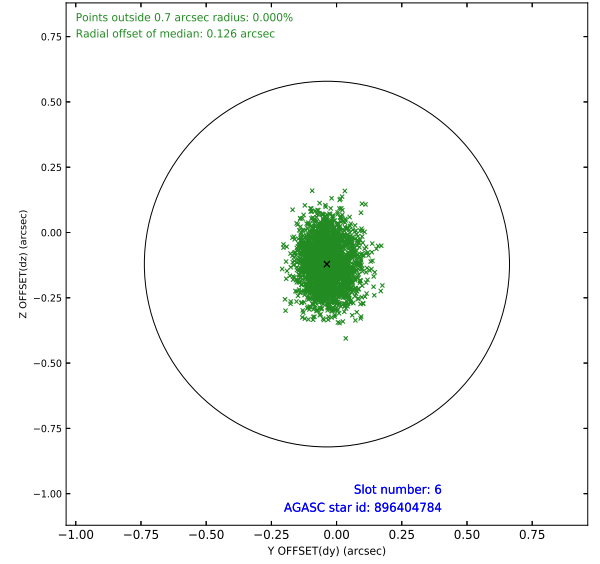
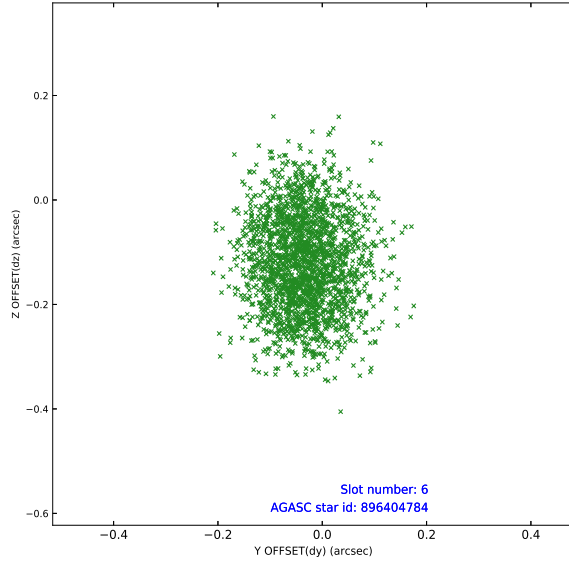
## 2.4.2 Slot 4



### 2.4.3 Slot 5

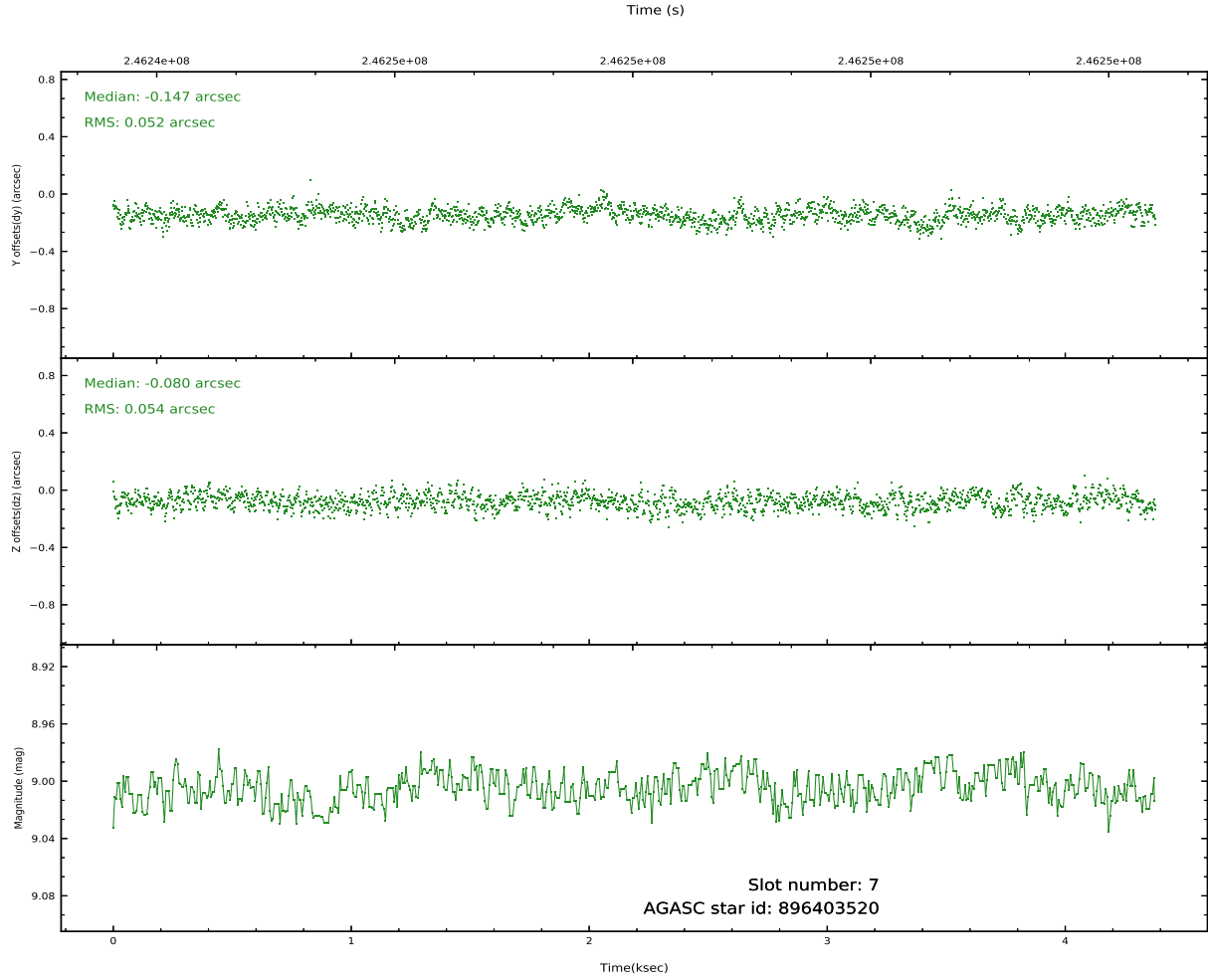
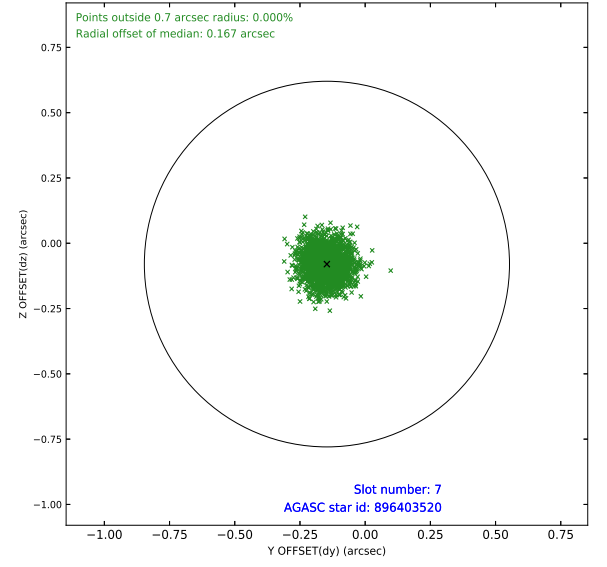
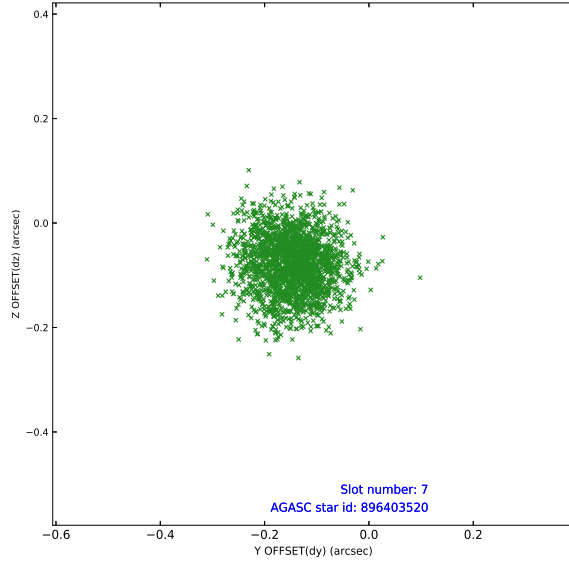


## 2.4.4 Slot 6



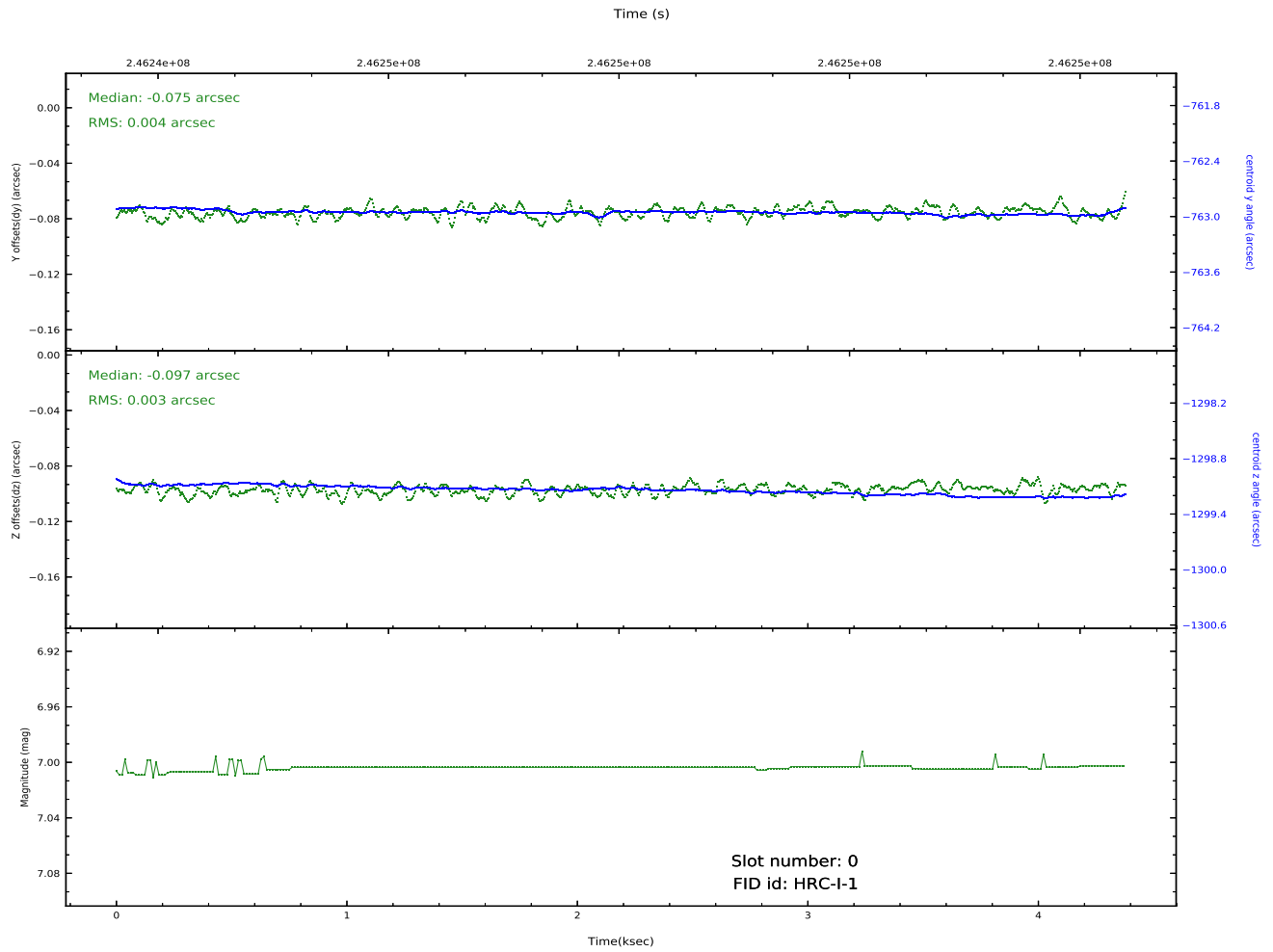
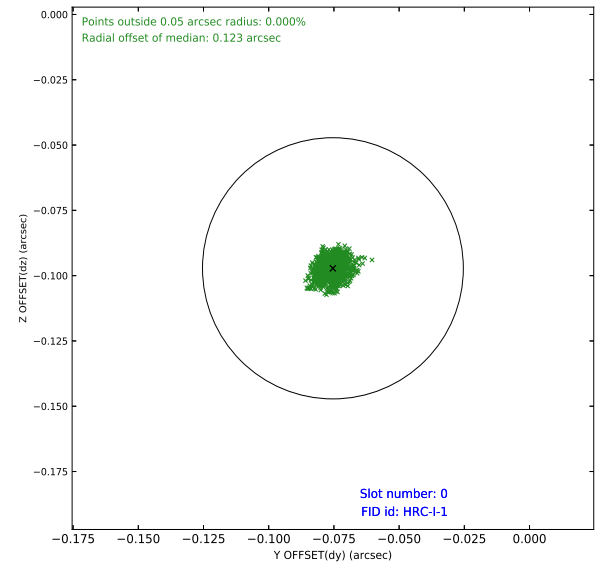
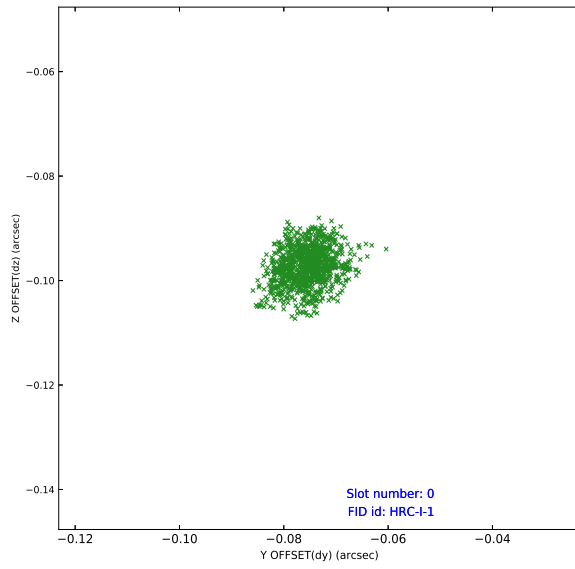


## 2.4.5 Slot 7

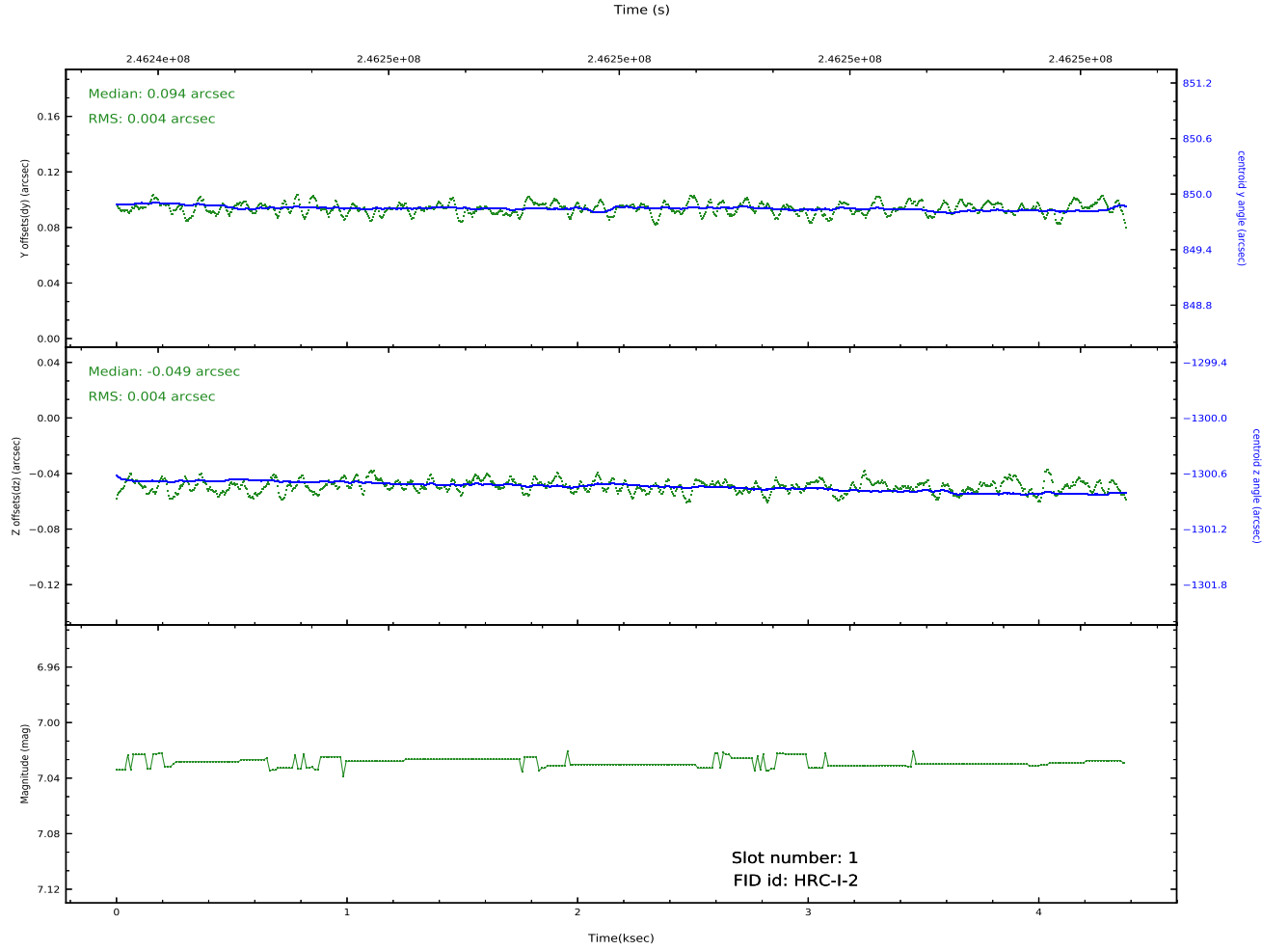
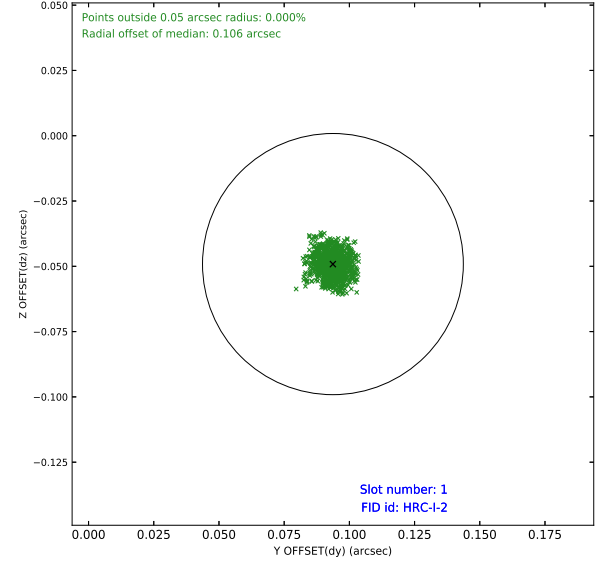
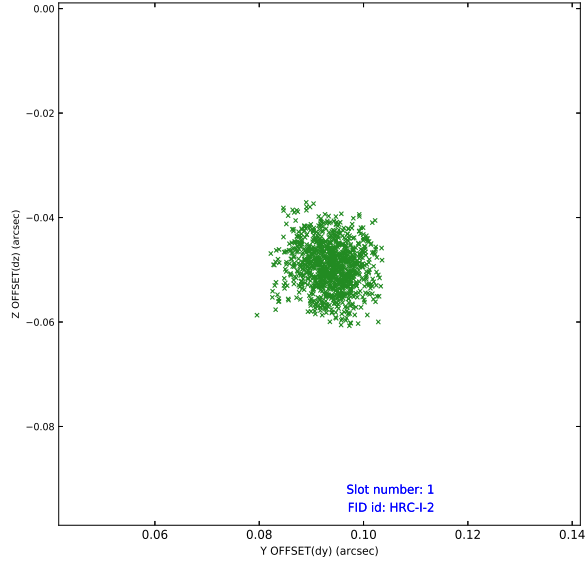


## 2.5 FID Slots

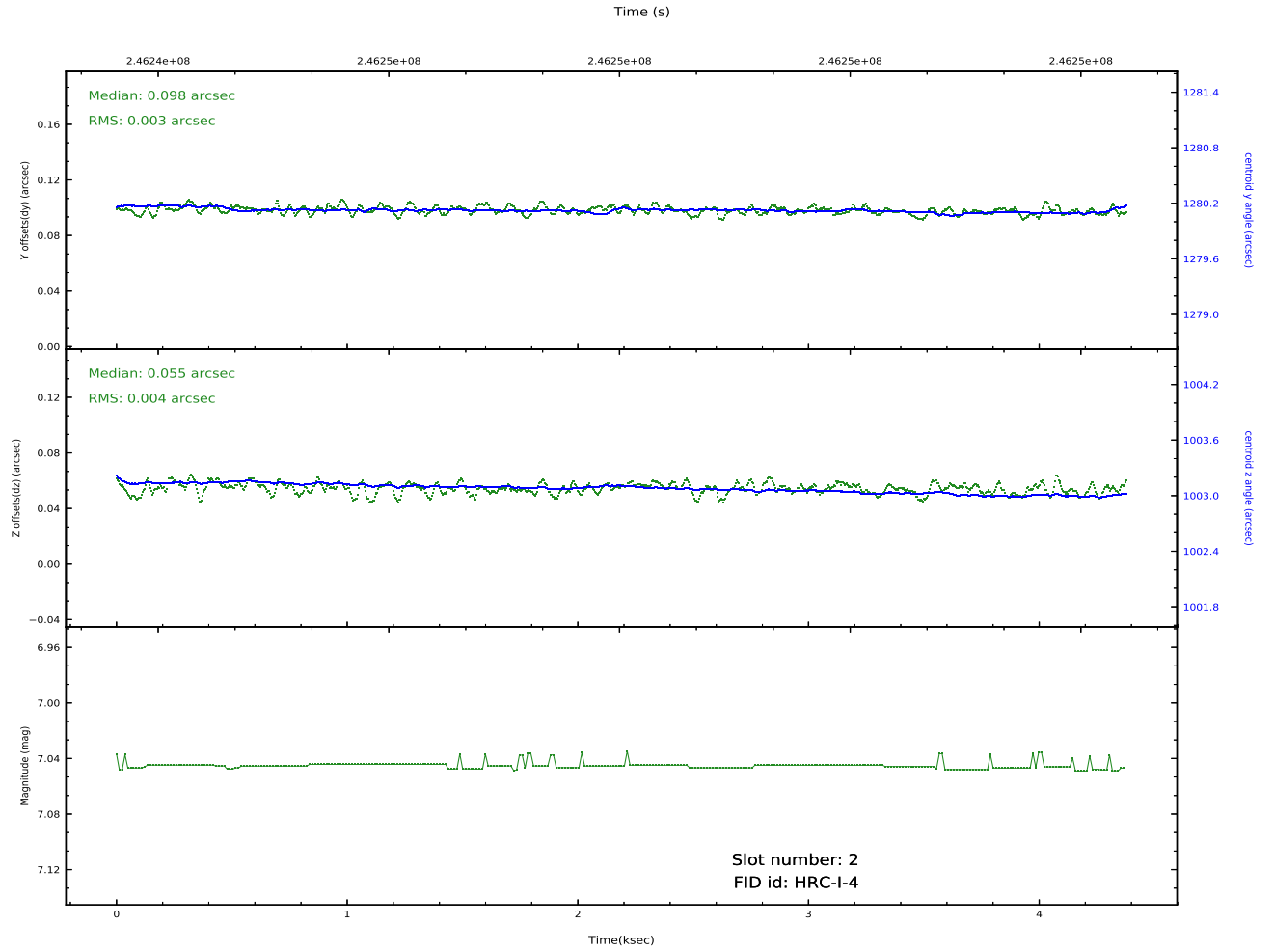
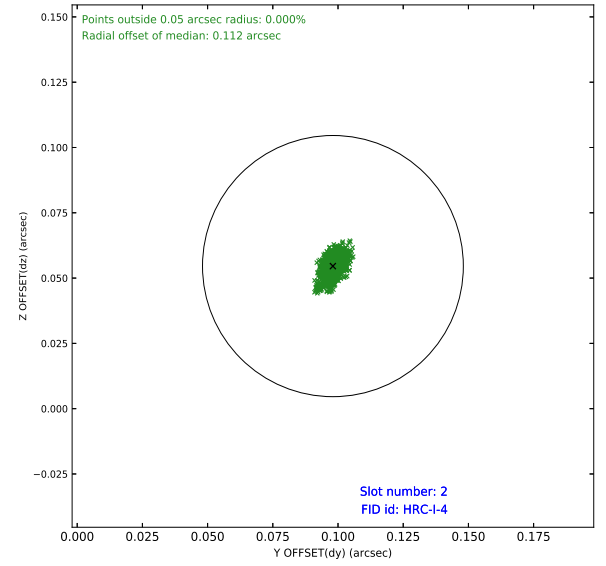
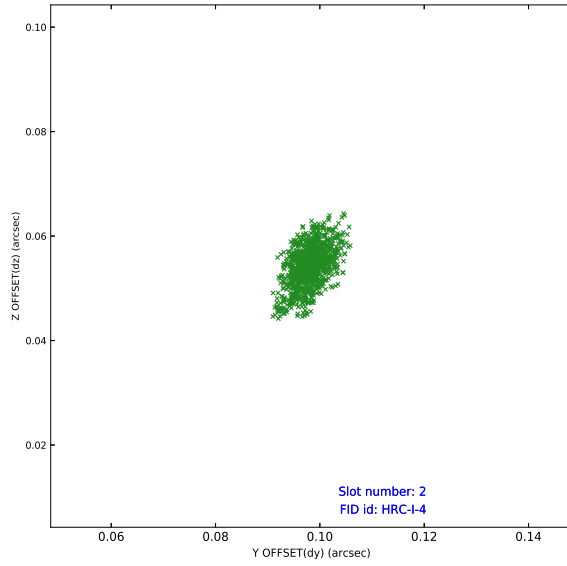
### 2.5.1 Slot 0



## 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	4.380081

### A.2 Comments

Joint proposal with XMM.