

# V&V Reference Report

## L2 ASCDS Version : 10.9.1

Observation 6200 - L2 Version 5  
Chandra X-Ray Center

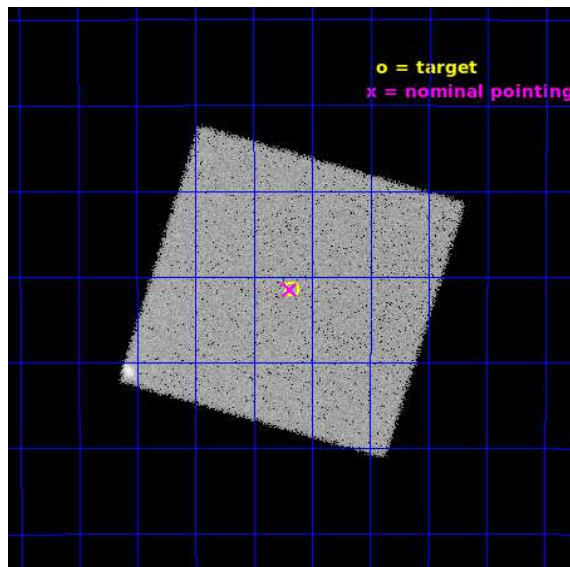
L2 Processing Date : Oct 8 2020

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# 1 Front

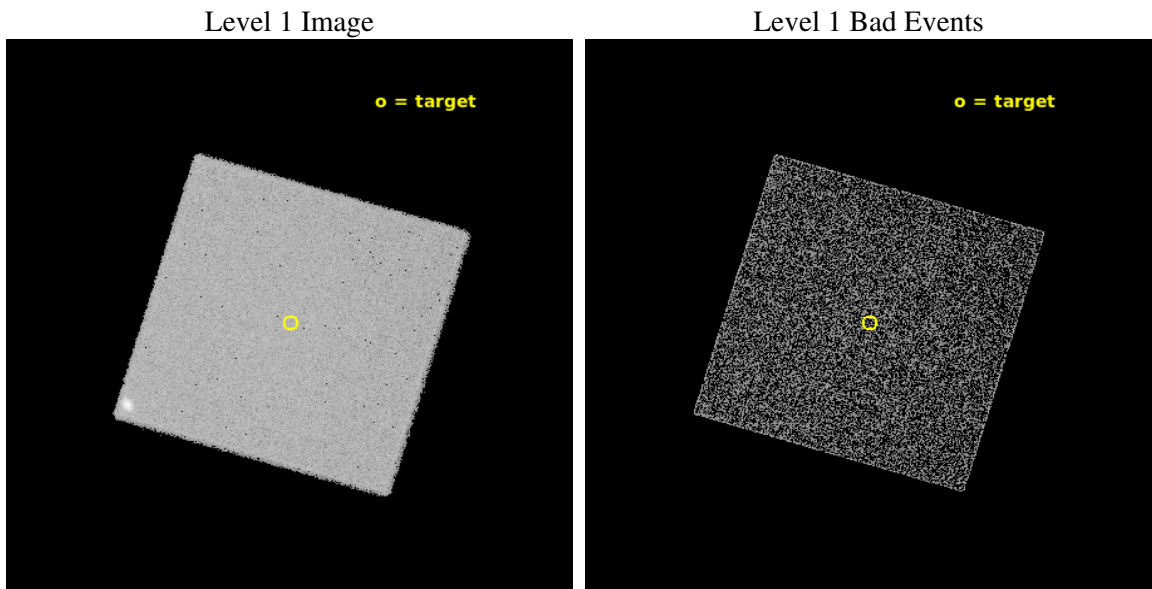
seq_num	400460	Sequence number
obs_id	6200	Observation id
title	Monitoring observations of the Galactic Center region	Proposal tit
observer	Rudy Wijnands	Principal investigator
object	Galactic Center Survey	Source name
ra_targ	266.1675	Observer's specified target RA [deg]
dec_targ	-29.358611	Observer's specified target Dec [deg]
ra_nom	266.17221804455	Nominal RA [deg]
dec_nom	-29.358746060618	Nominal Dec [deg]
roll_nom	61.741552573207	Nominal Roll [deg]
revision	5	Processing version of data
ontime	5183.681486547	[s]
livetime	5147.1424672629	Ontime multiplied by DTCOR
l2events	196470	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	5183.681486547	[s]
caldbver	4.9.2	&#160	l1events	385980	Number of level 1 events
date	2020-10-08T18:30:59	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	385980
rejected events	94361
rejected %	24%

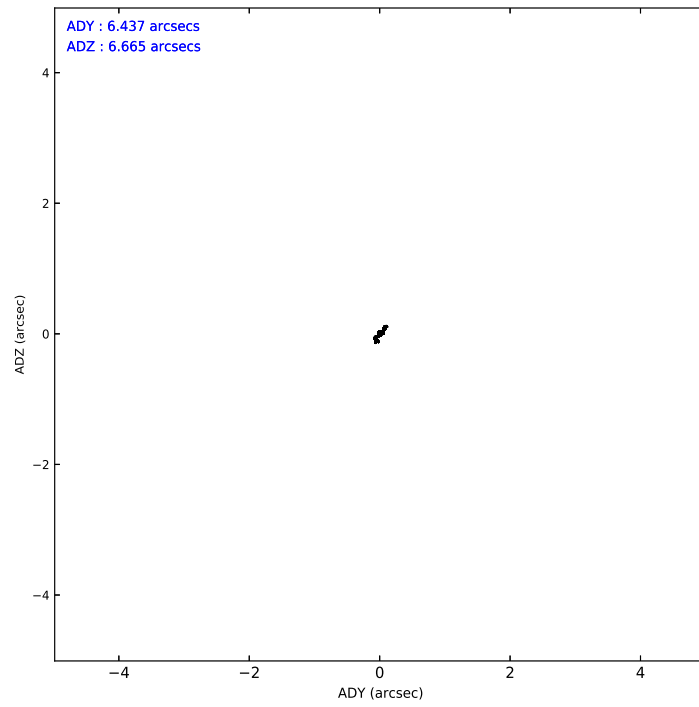
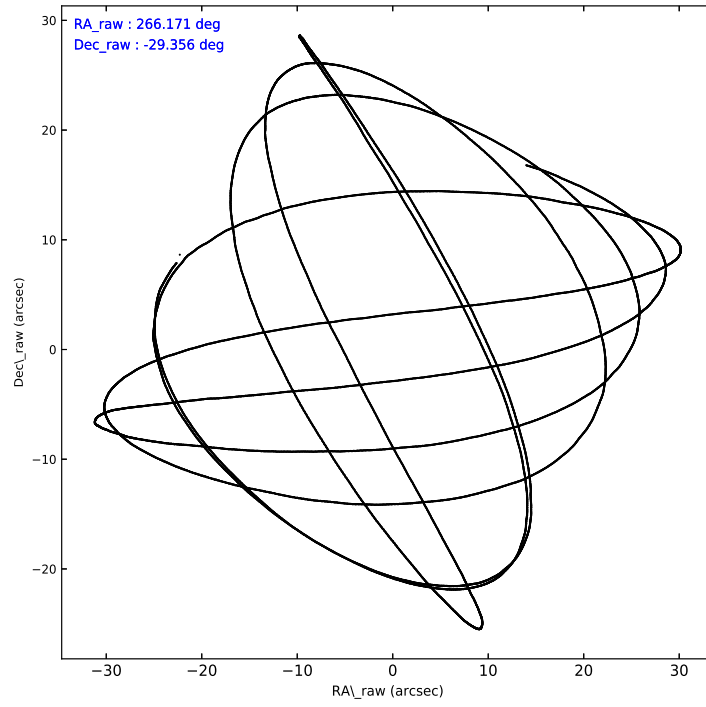


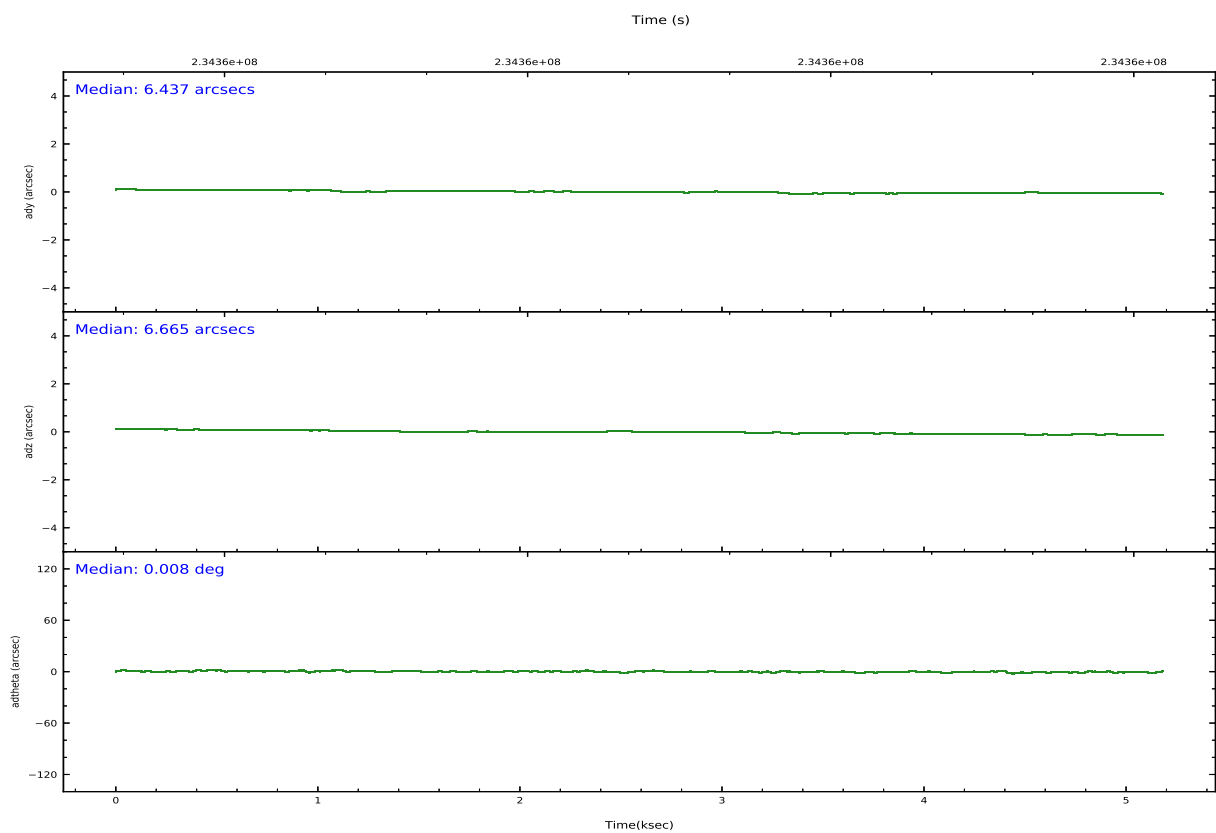
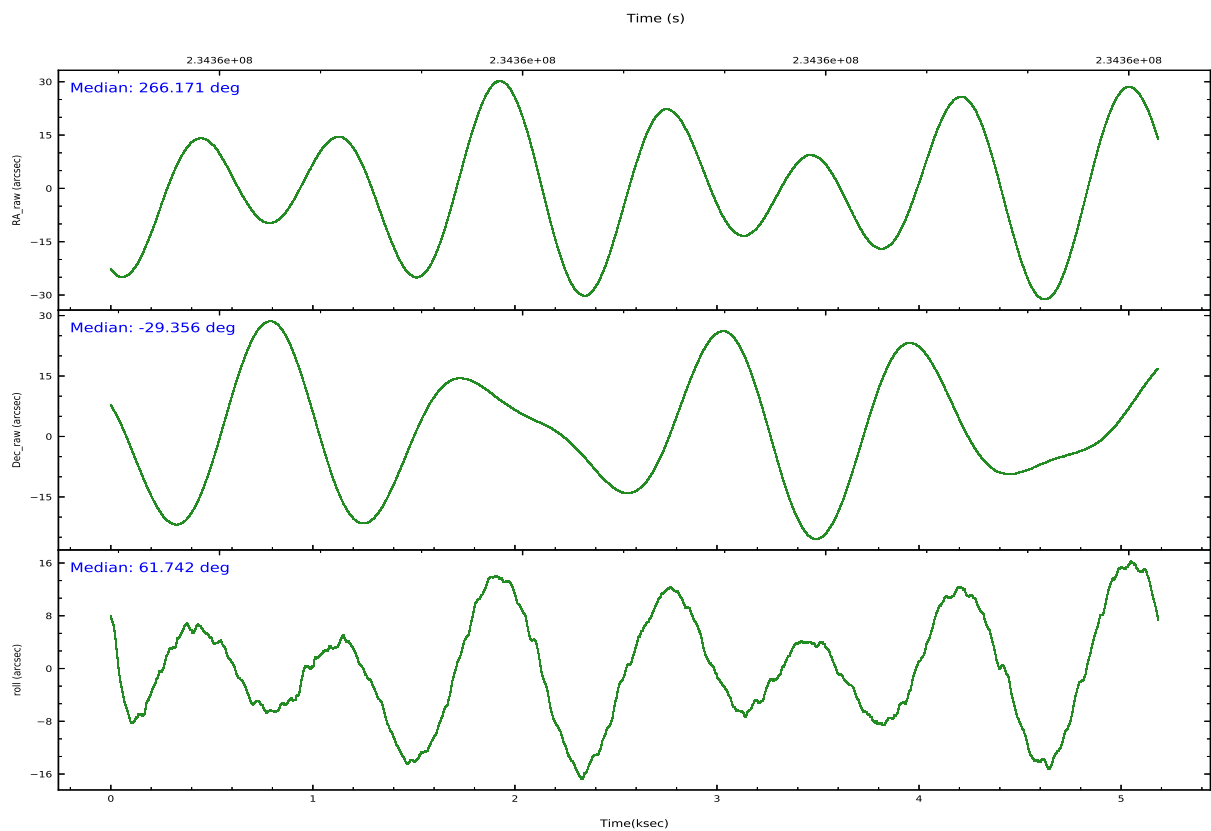
## 2.2 Compared Parameters

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	266.172883	266.17221804455
[deg] Pointing Dec	-29.383052	-29.358746060618
[deg] Pointing Roll	61.855853	61.741552573207
[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)	234357645.184000	234357265.80874
Observation start date	2005-06-05T11:19:41	2005-06-05T11:14:25
[s] Observation end time (MET)	234362645.184000	234364135.87155
Observation end date	2005-06-05T12:43:01	2005-06-05T13:08:55

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

## 2.3 Aspect



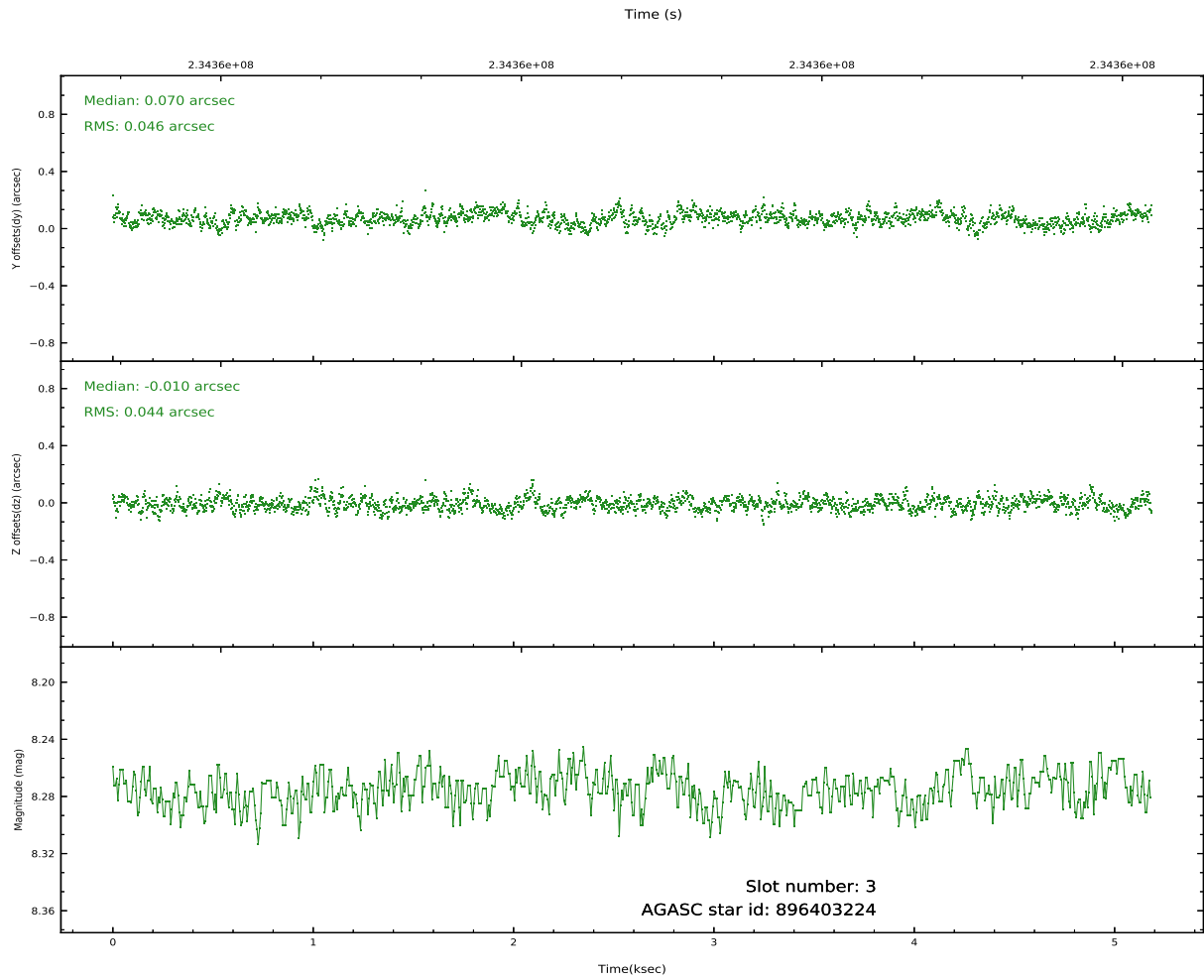
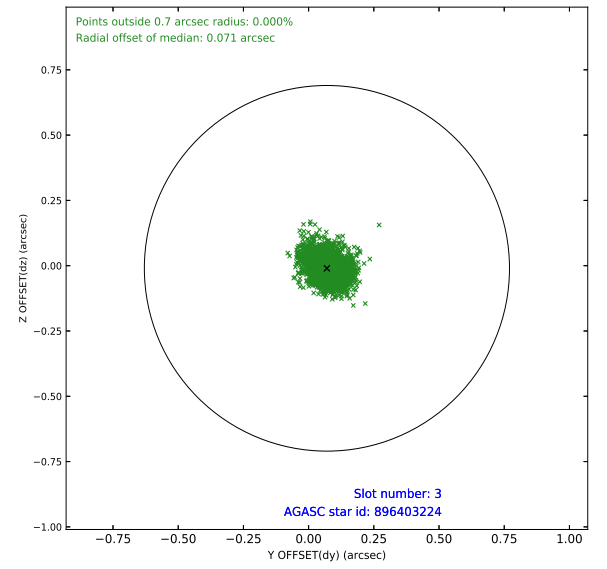
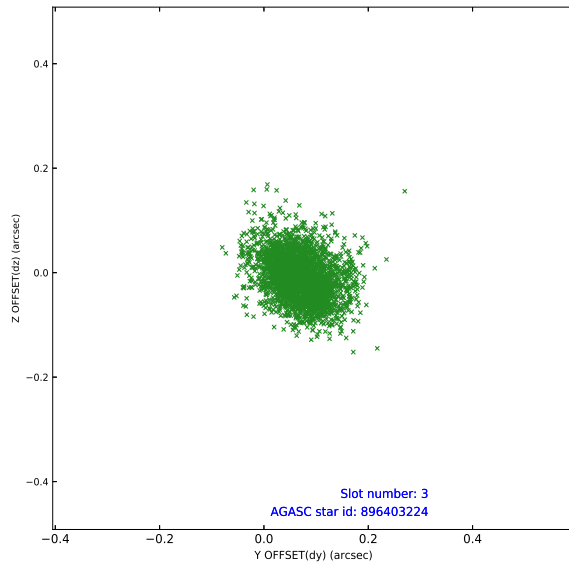


Slot Statistics

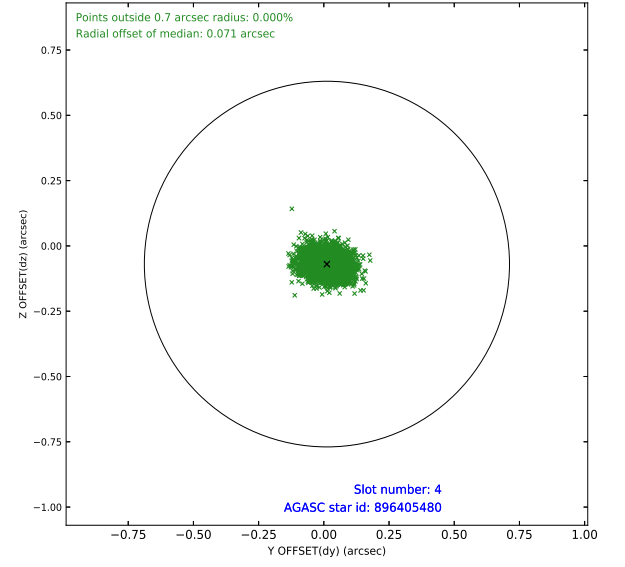
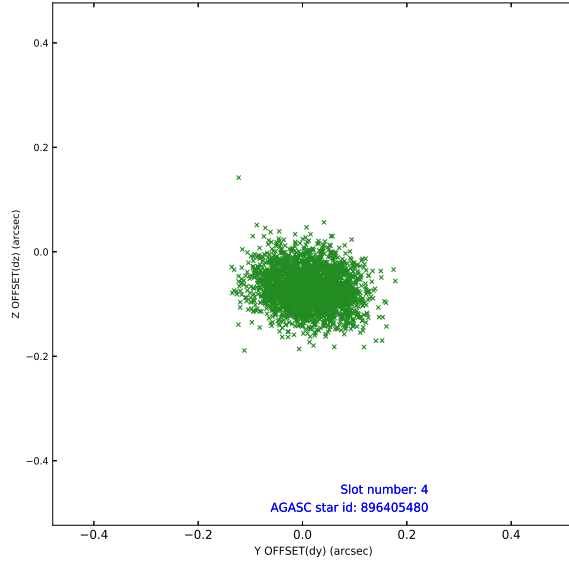
pt	status	used	id	mag	n_pts	frac_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mea
0	FID		HRC-I-1	6.99	1265	1.000	-0.007	-0.032	0.013	0.030	0.000000	0.000000	-761.99	-1294
1	FID		HRC-I-2	7.04	1265	1.000	0.120	-0.069	0.009	0.017	0.000000	0.000000	850.16	-1297
2	FID		HRC-I-3	7.08	1264	1.000	0.005	0.011	0.009	0.019	0.000000	0.000000	-1189.83	1009
3	GUIDE	used	896403224	8.28	2530	1.000	0.070	-0.010	0.067	0.111	265.612825	-29.438915	-1008.88	1451
4	GUIDE	used	896405480	8.26	2530	1.000	0.012	-0.070	0.071	0.111	265.220460	-29.599691	-2104.80	2255
5	GUIDE	used	896541168	8.15	2530	1.000	0.022	-0.023	0.061	0.095	266.319970	-29.850801	-1268.44	-1198
6	GUIDE	used	896541360	7.72	2530	1.000	-0.049	0.002	0.049	0.080	266.684478	-29.453744	529.36	-1535
7	GUIDE	used	896533888	7.03	2529	1.000	-0.054	0.097	0.050	0.078	266.666434	-29.392757	697.59	-1382

## 2.4 Star Slots

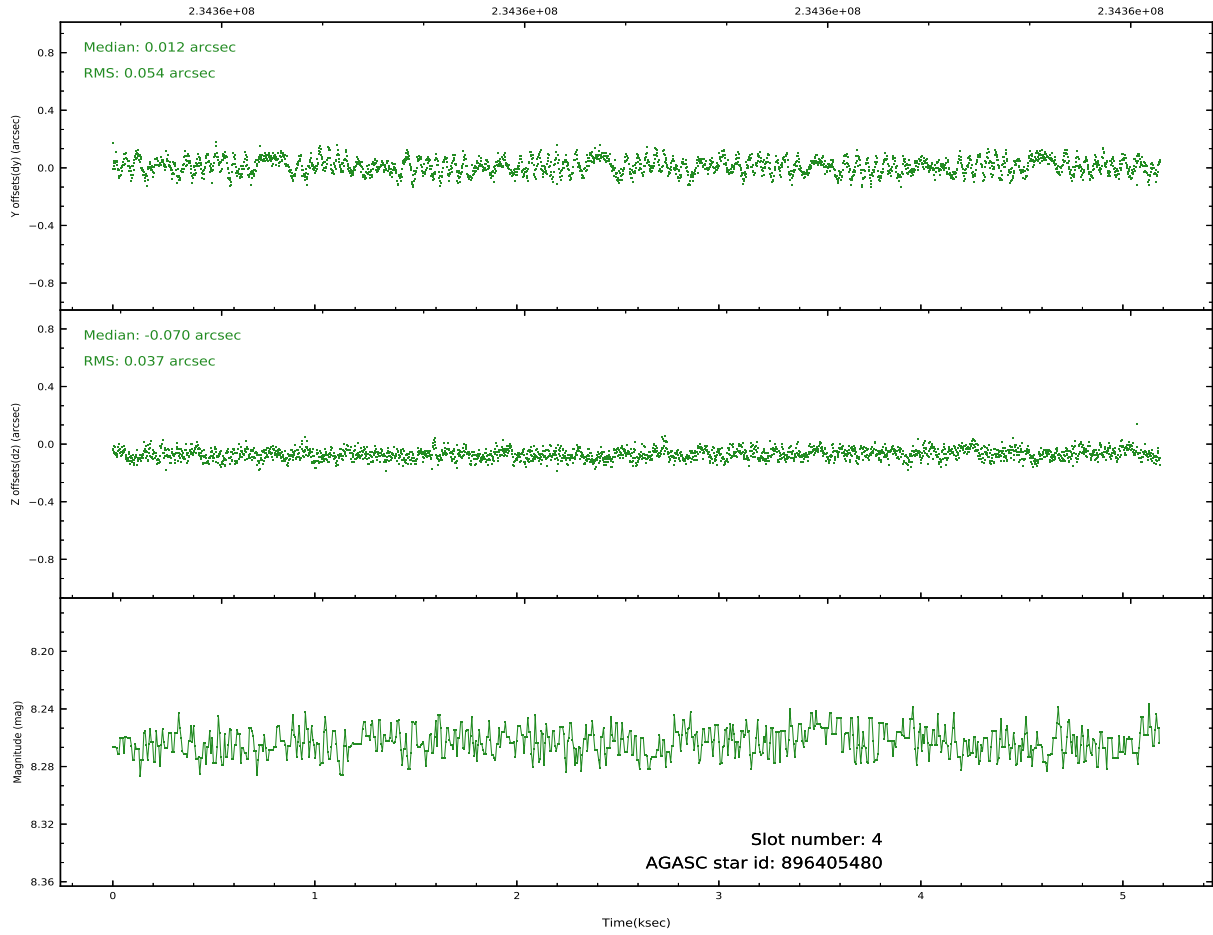
### 2.4.1 Slot 3



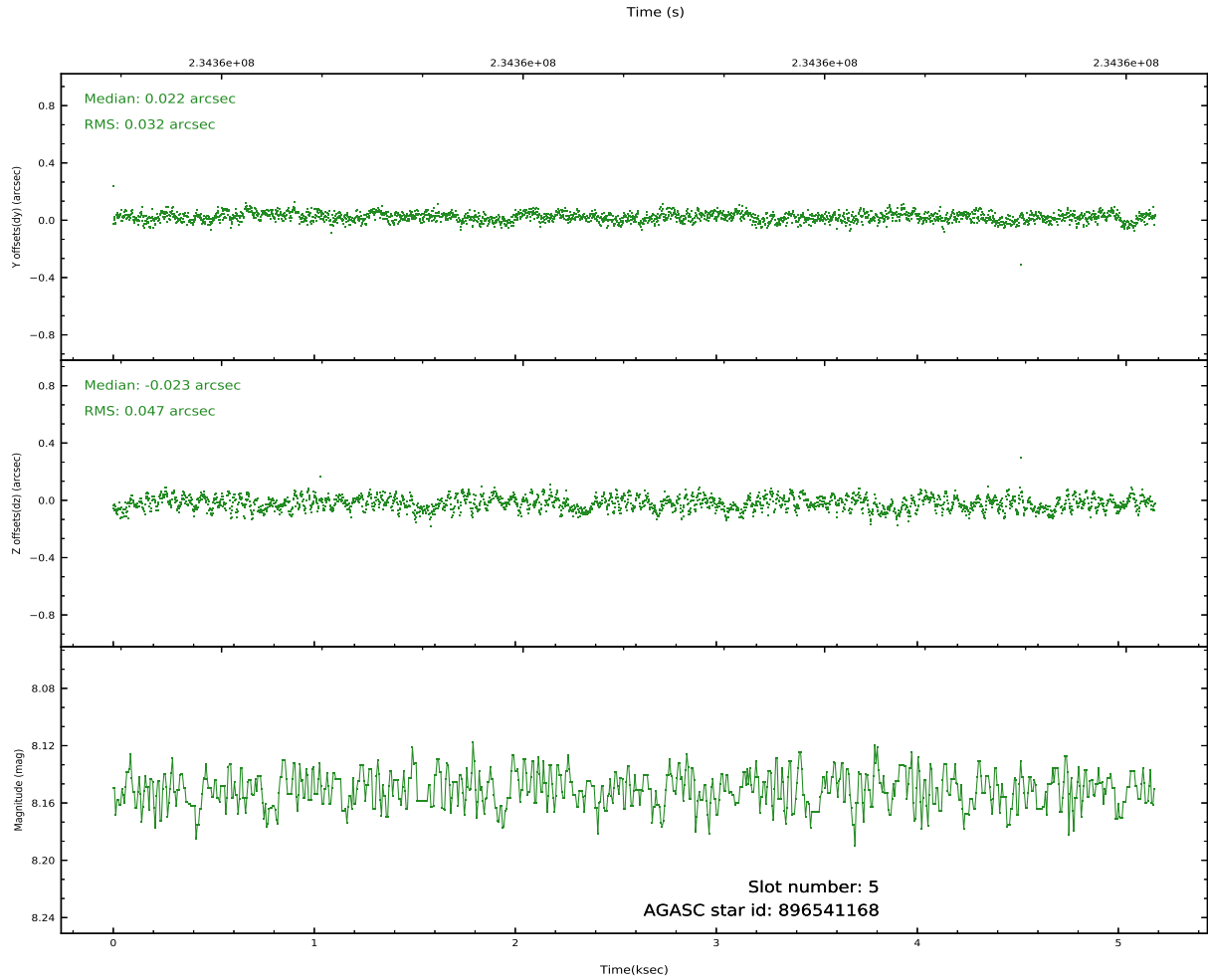
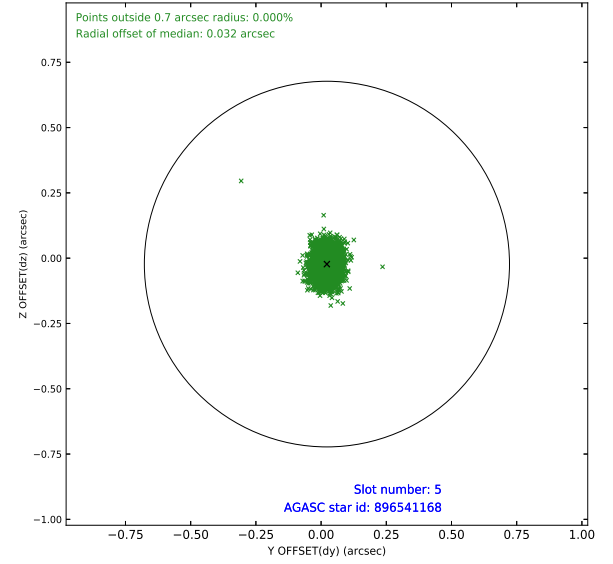
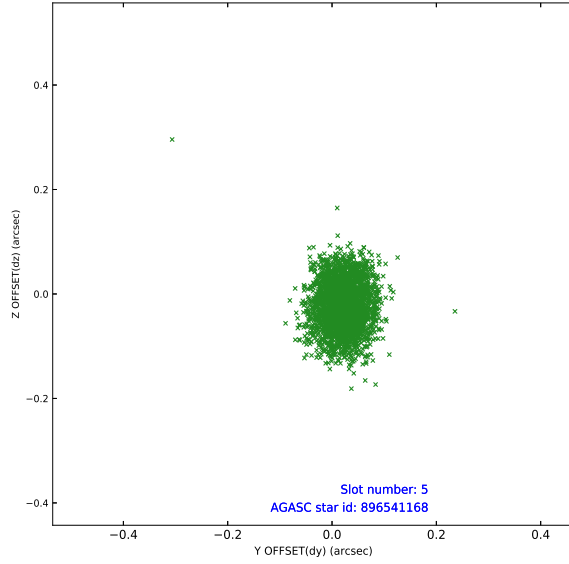
## 2.4.2 Slot 4



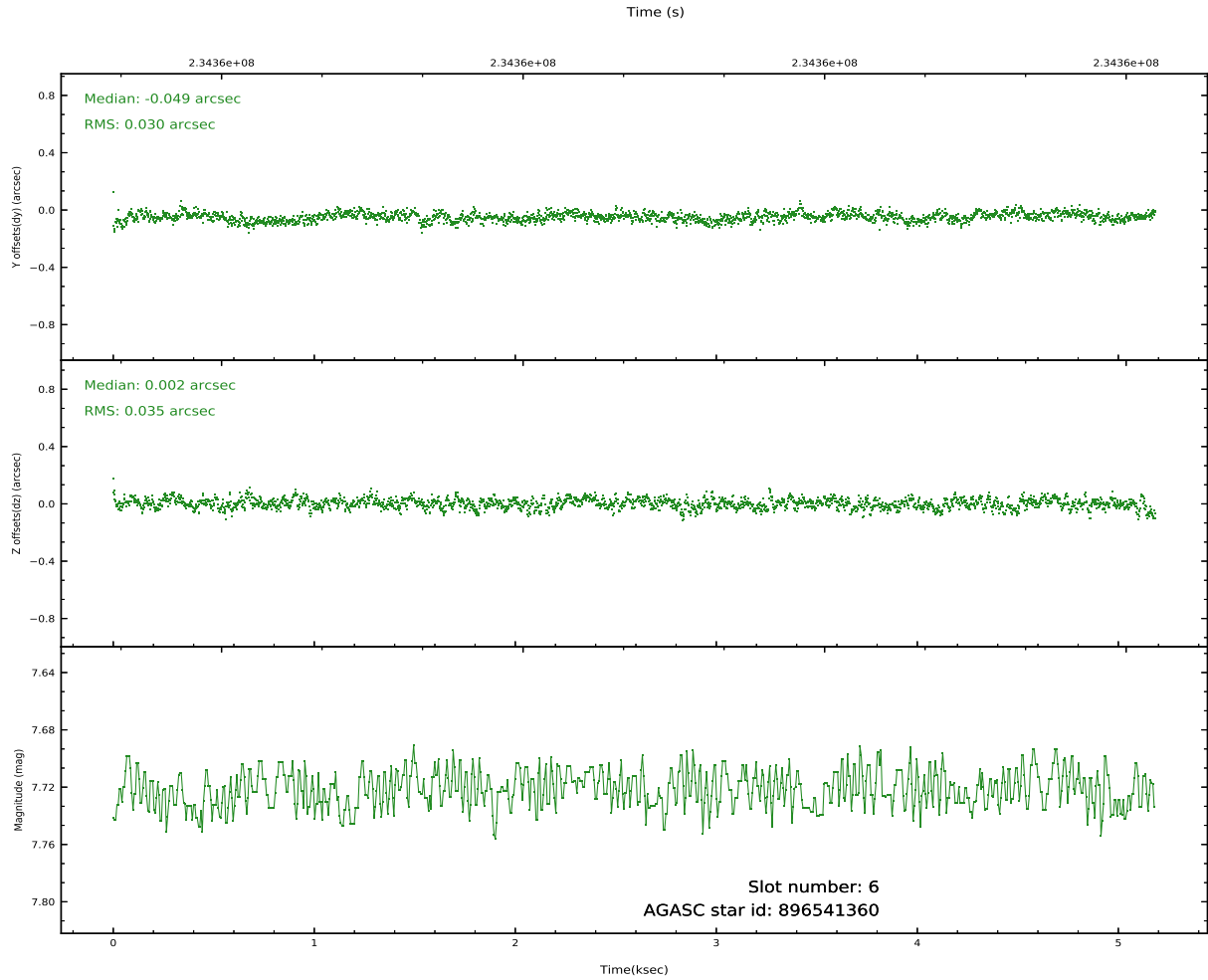
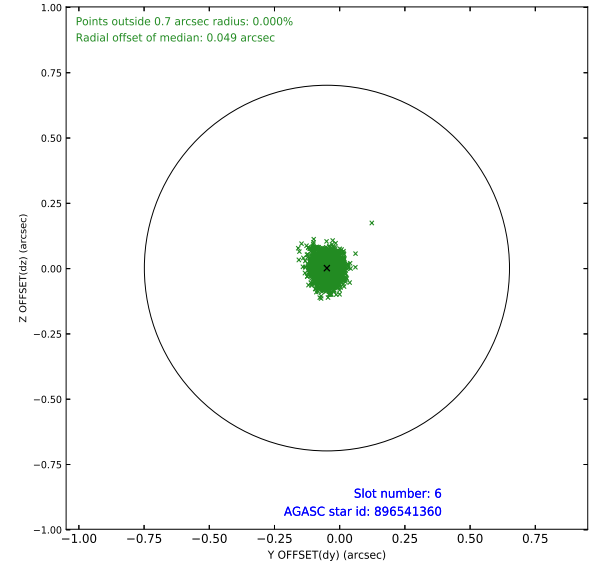
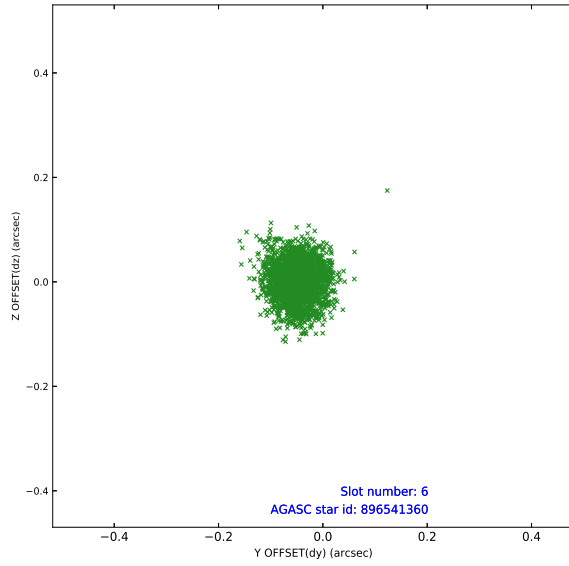
Time (s)



### 2.4.3 Slot 5

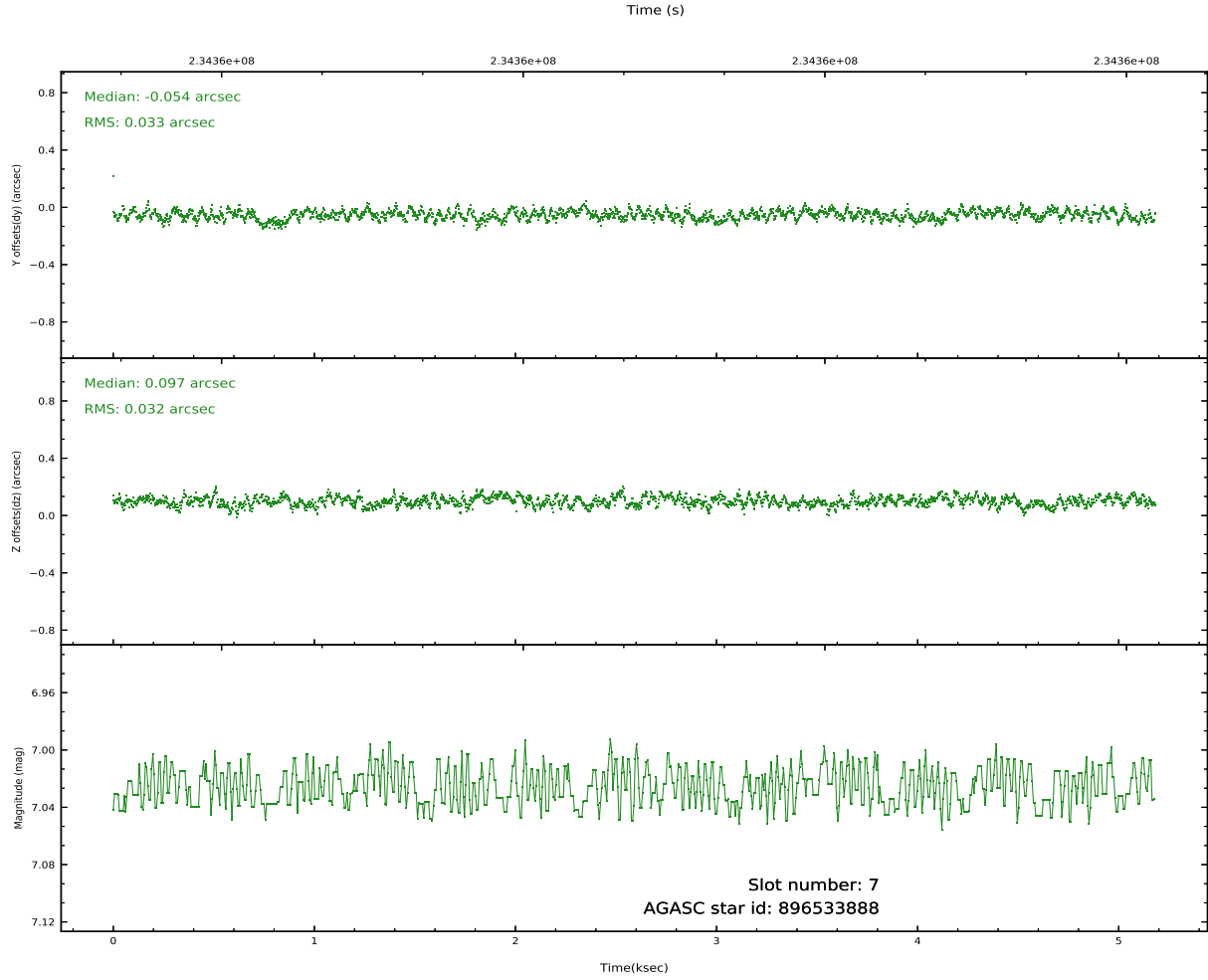
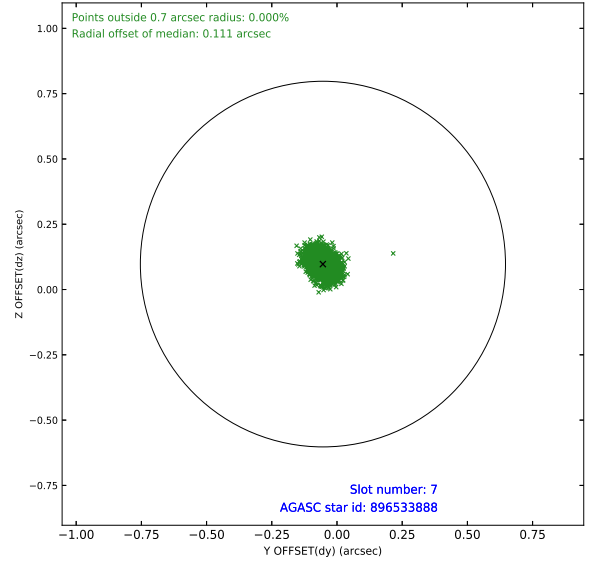
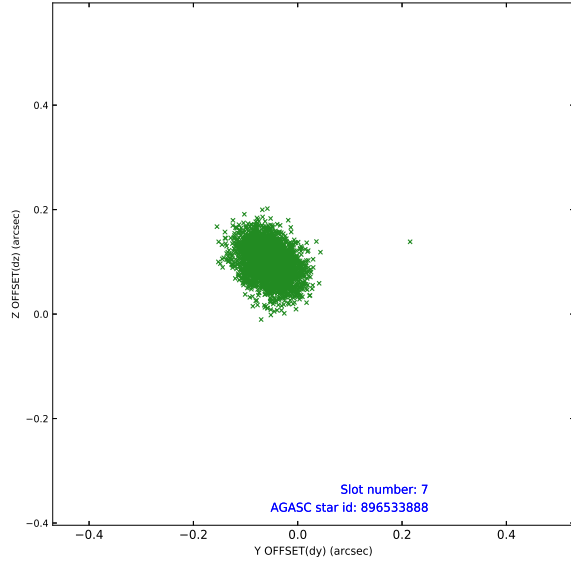


## 2.4.4 Slot 6



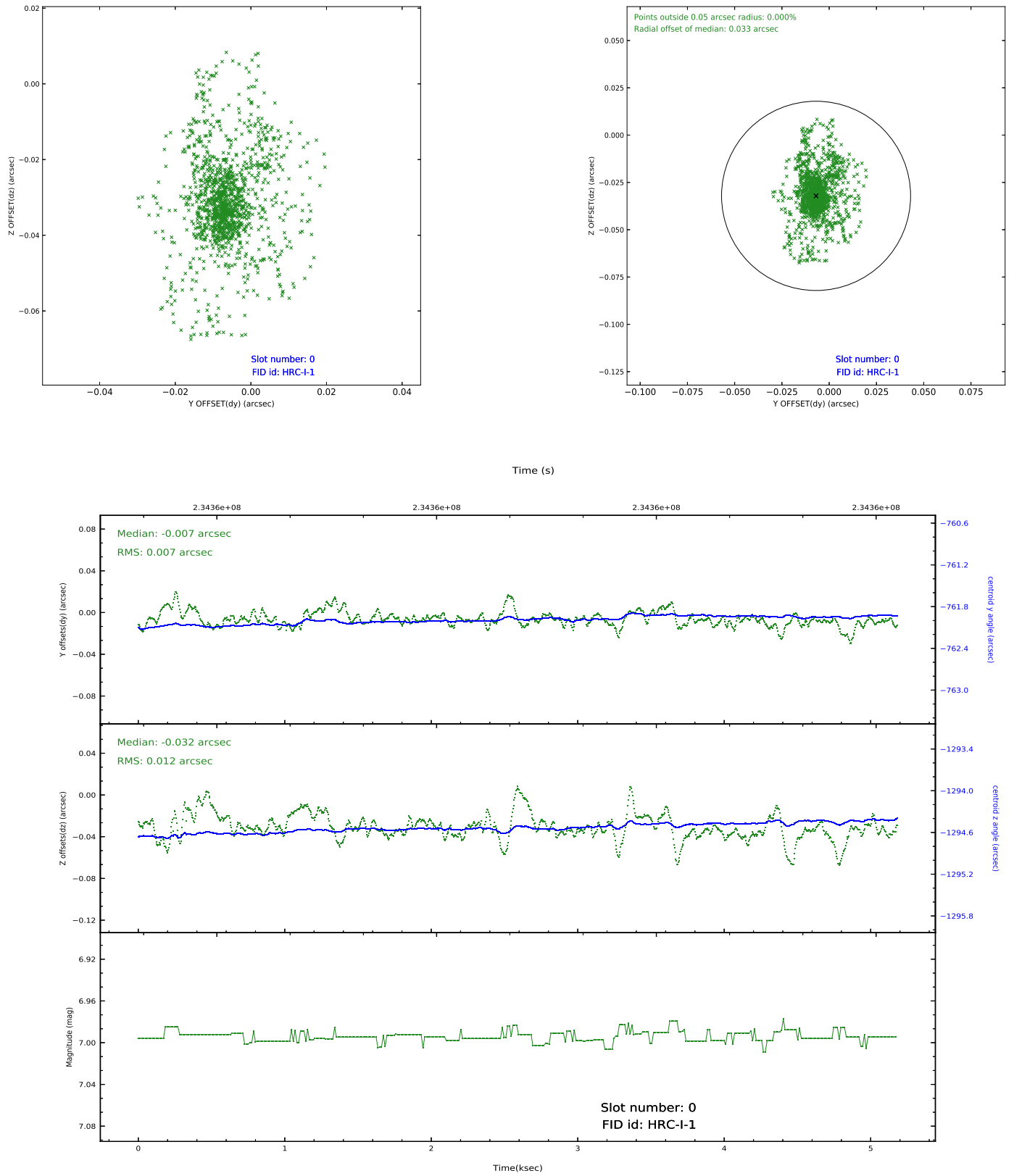


## 2.4.5 Slot 7

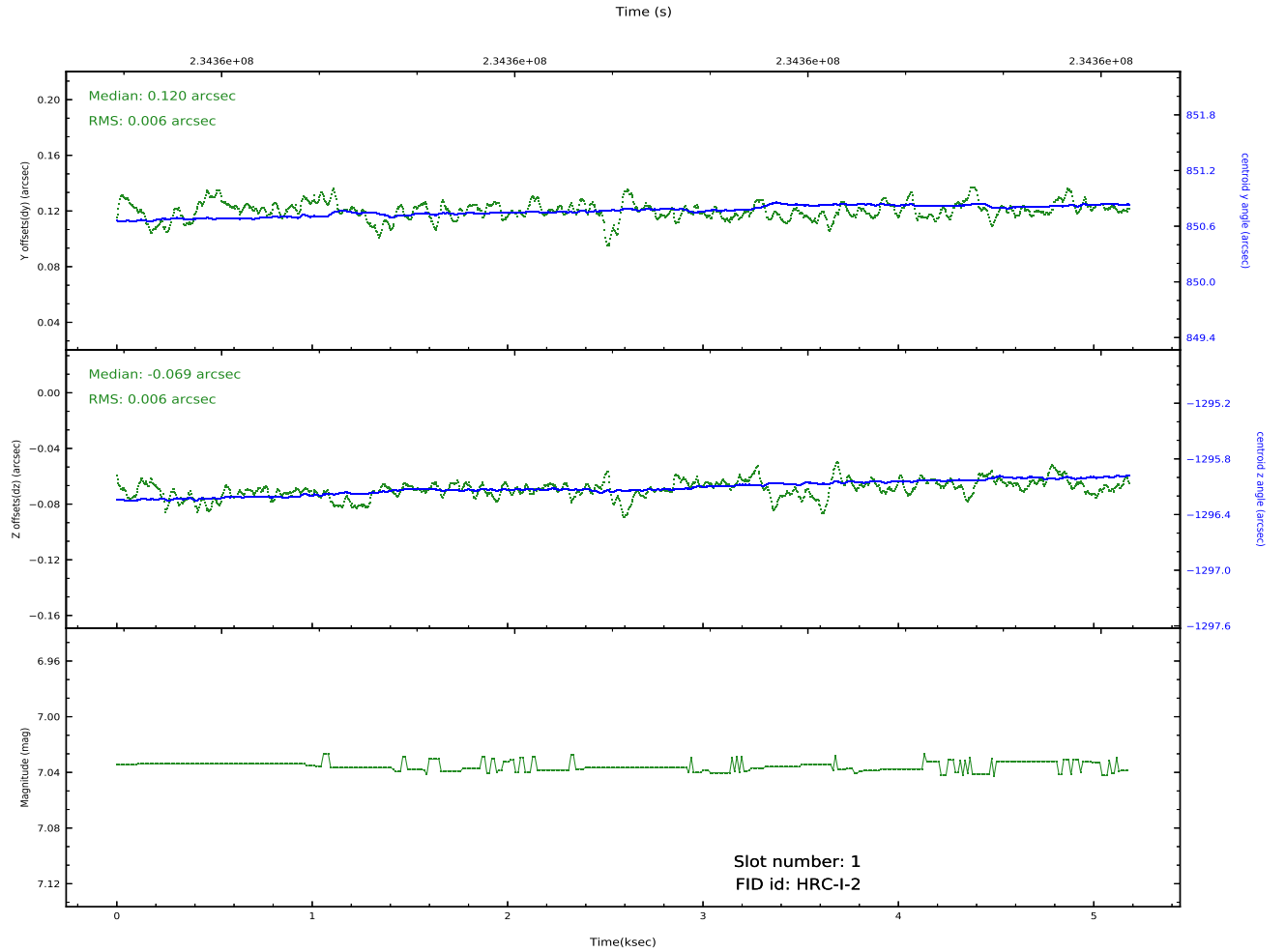
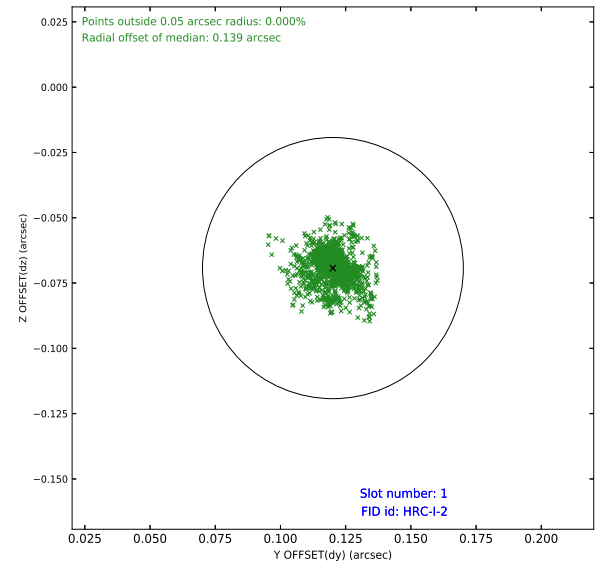
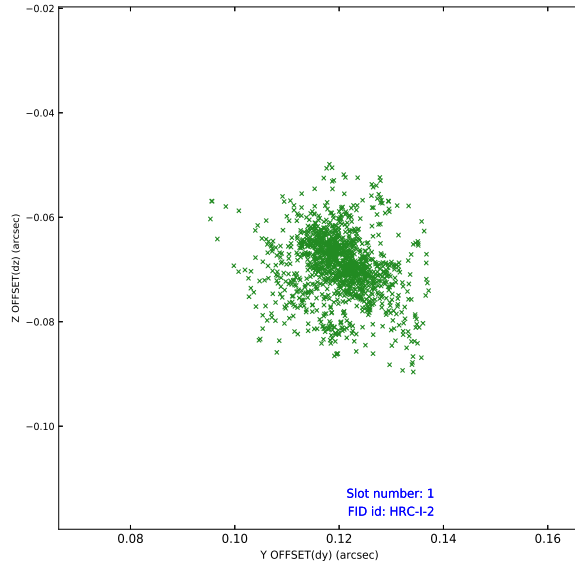


## 2.5 FID Slots

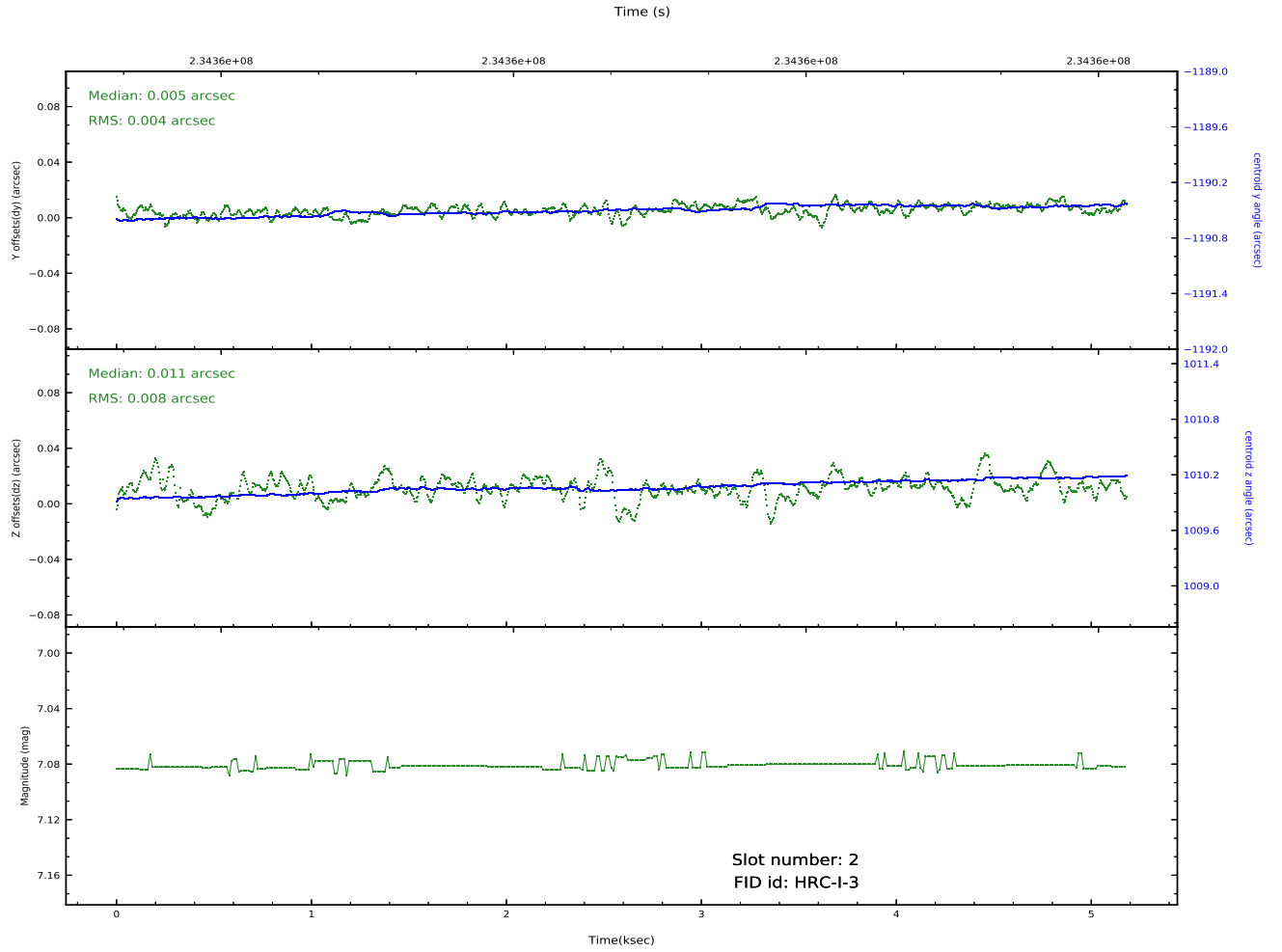
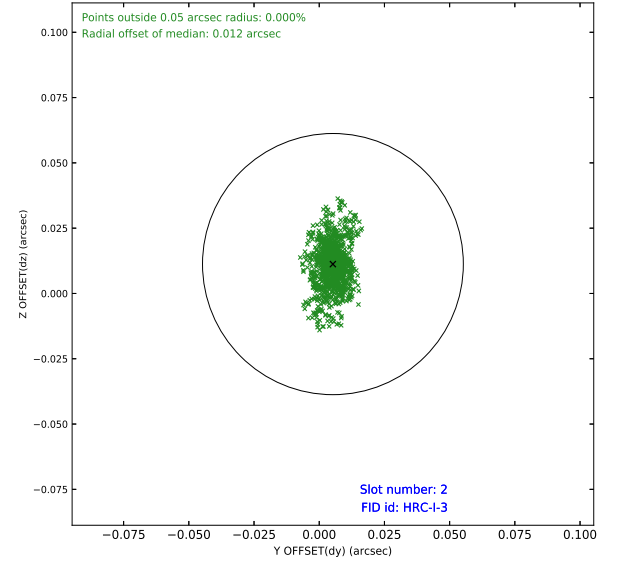
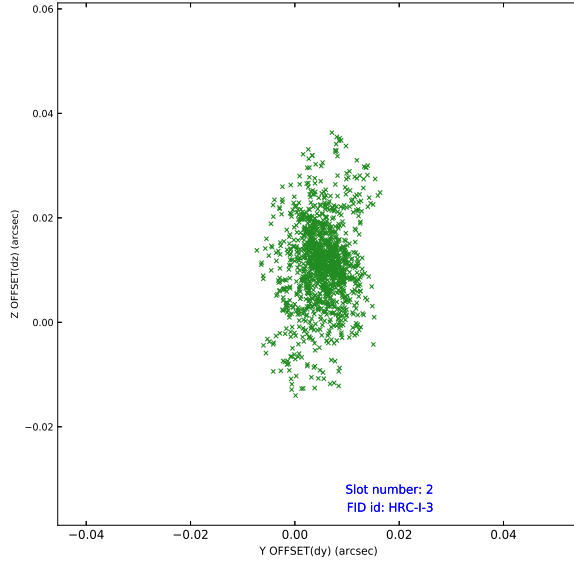
### 2.5.1 Slot 0



## 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	5.183425

## A.2 Comments

Joint Proposal: CXO-XMM