

V&V Reference Report

L2 ASCDS Version : 10.9.1

Observation 6191 - L2 Version 5
Chandra X-Ray Center

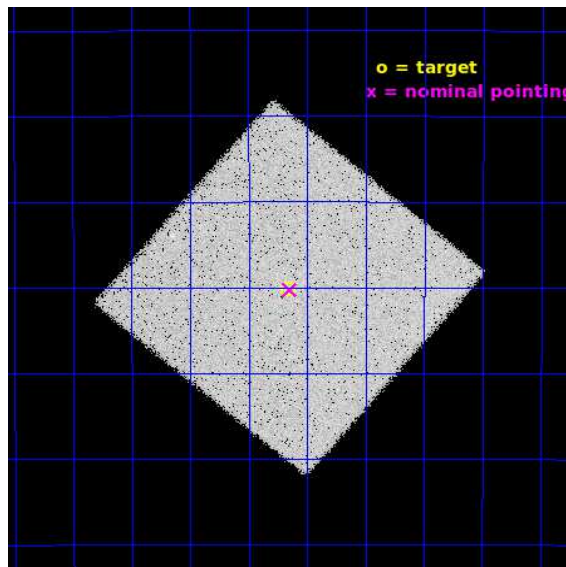
L2 Processing Date : Oct 10 2020

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1 Front

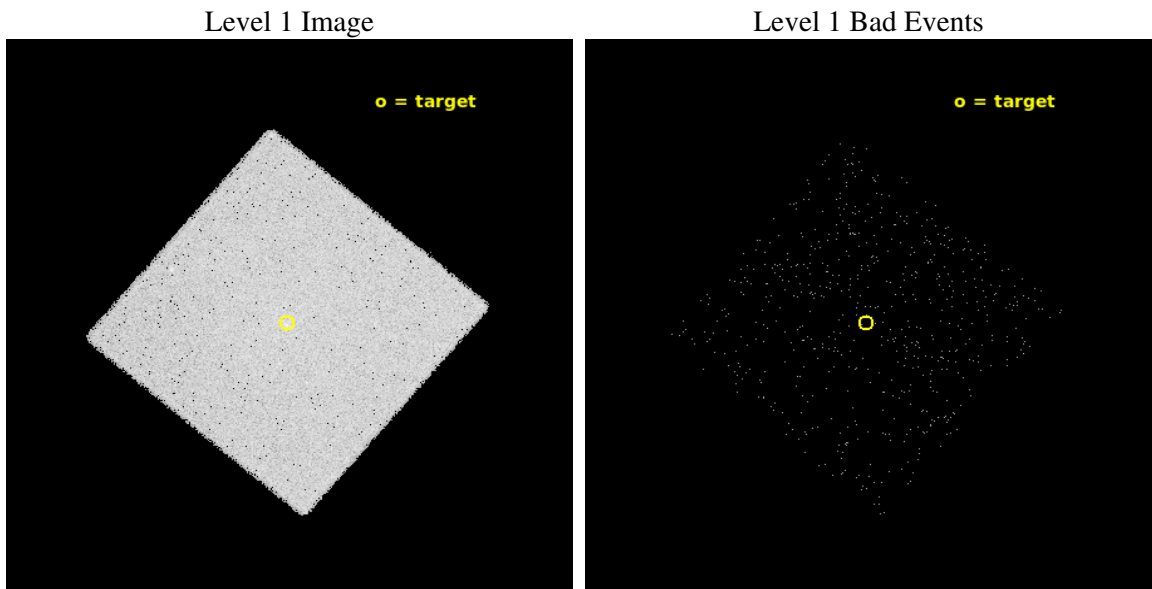
seq_num	400451	Sequence number
obs_id	6191	Observation id
title	Monitoring observations of the Galactic Center region	Proposal tit
observer	Rudy Wijnands	Principal investigator
object	Galactic Center Survey	Source name
ra_targ	266.416667	Observer's specified target RA [deg]
dec_targ	-29.003056	Observer's specified target Dec [deg]
ra_nom	266.41175596656	Nominal RA [deg]
dec_nom	-29.004443457585	Nominal Dec [deg]
roll_nom	265.2256757244	Nominal Roll [deg]
revision	5	Processing version of data
ontime	4375.9814516306	[s]
livetime	4343.220542749	Ontime multiplied by DTCOR
l2events	179500	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	4375.9814516306	[s]
caldbver	4.9.2	 	l1events	375788	Number of level 1 events
date	2020-10-11T03:19:24	Date and time of file creation			
revision	5	Processing version of data			

2.1.3 Events

Level 1 Events

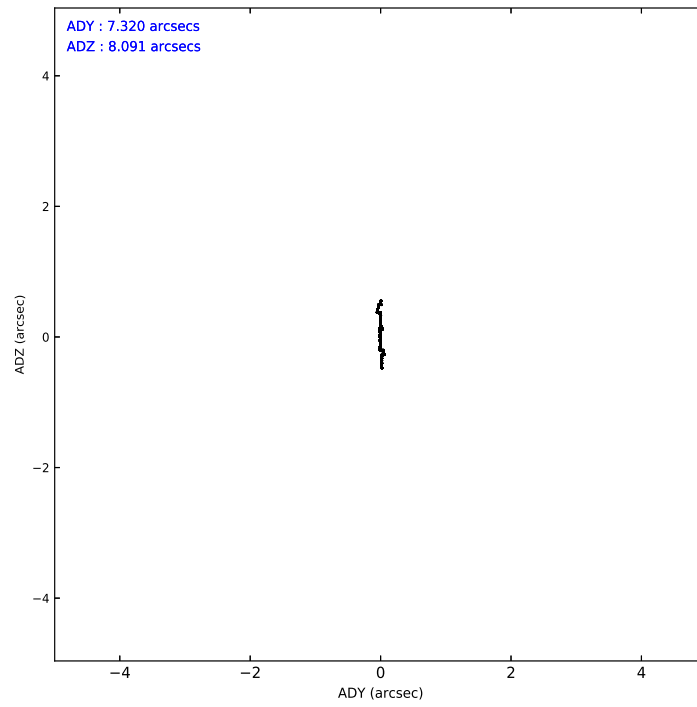
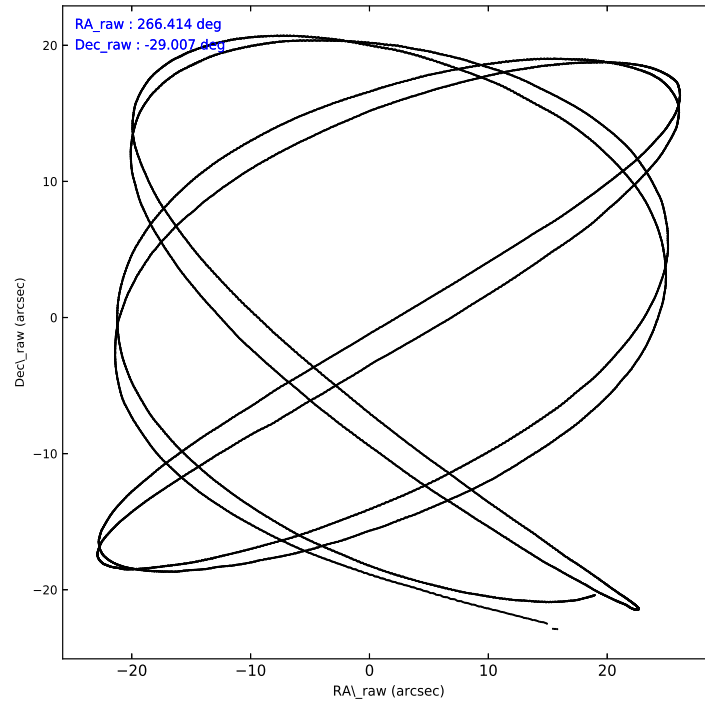
	segment 0
level 1 events	375788
rejected events	109956
rejected %	29%

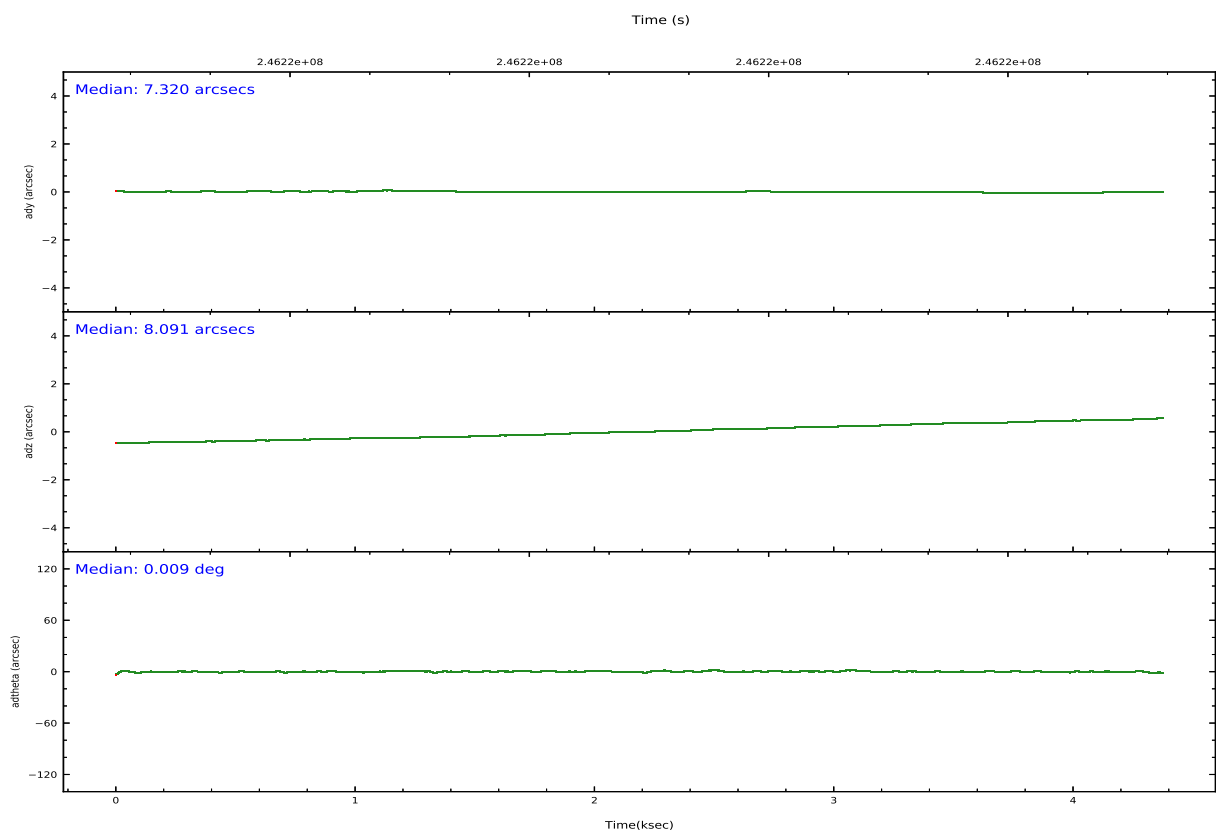
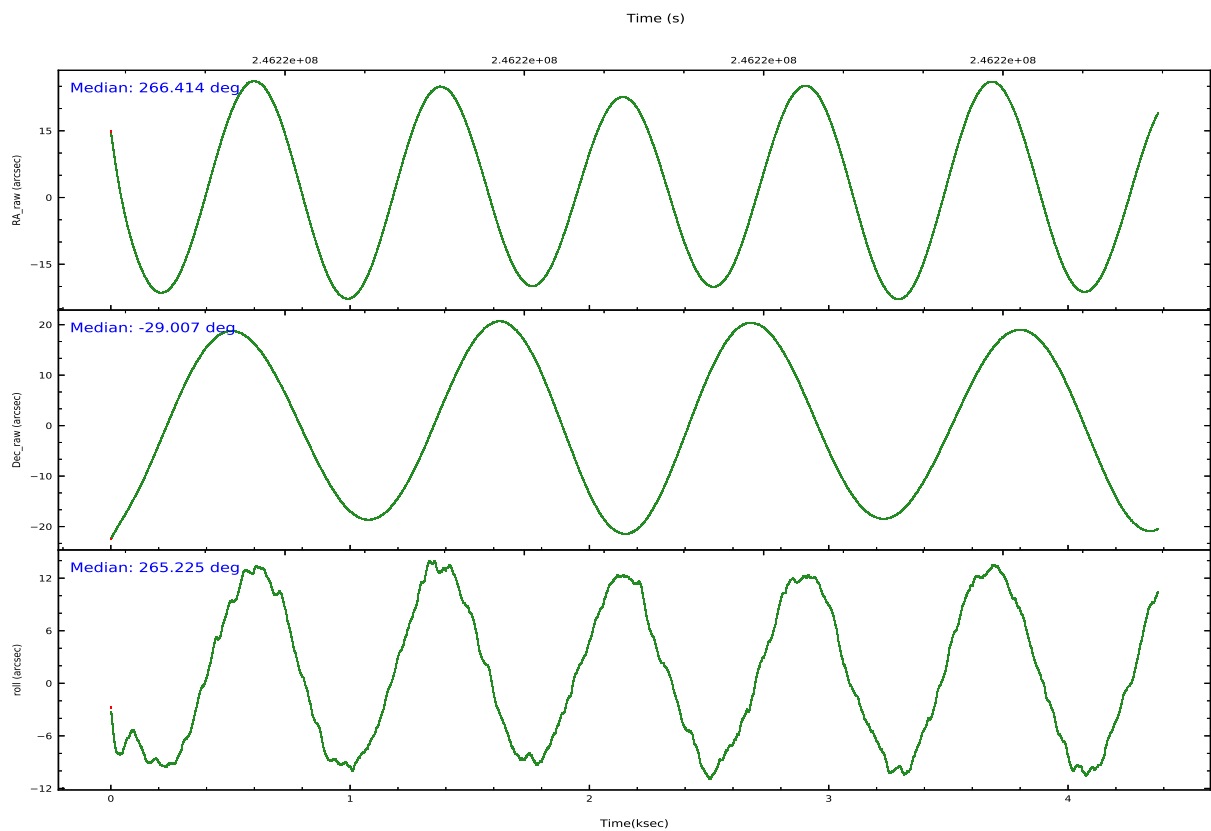
2.2 Compared Parameters

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	266.400616	266.41175596656
[deg] Pointing Dec	-28.982506	-29.004443457585
[deg] Pointing Roll	265.327637	265.2256757244
[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)	246221448.184000	246219602.11511
Observation start date	2005-10-20T18:49:44	2005-10-20T18:20:02
[s] Observation end time (MET)	246225648.184000	246225782.35289
Observation end date	2005-10-20T19:59:44	2005-10-20T20:03:02

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

2.3 Aspect



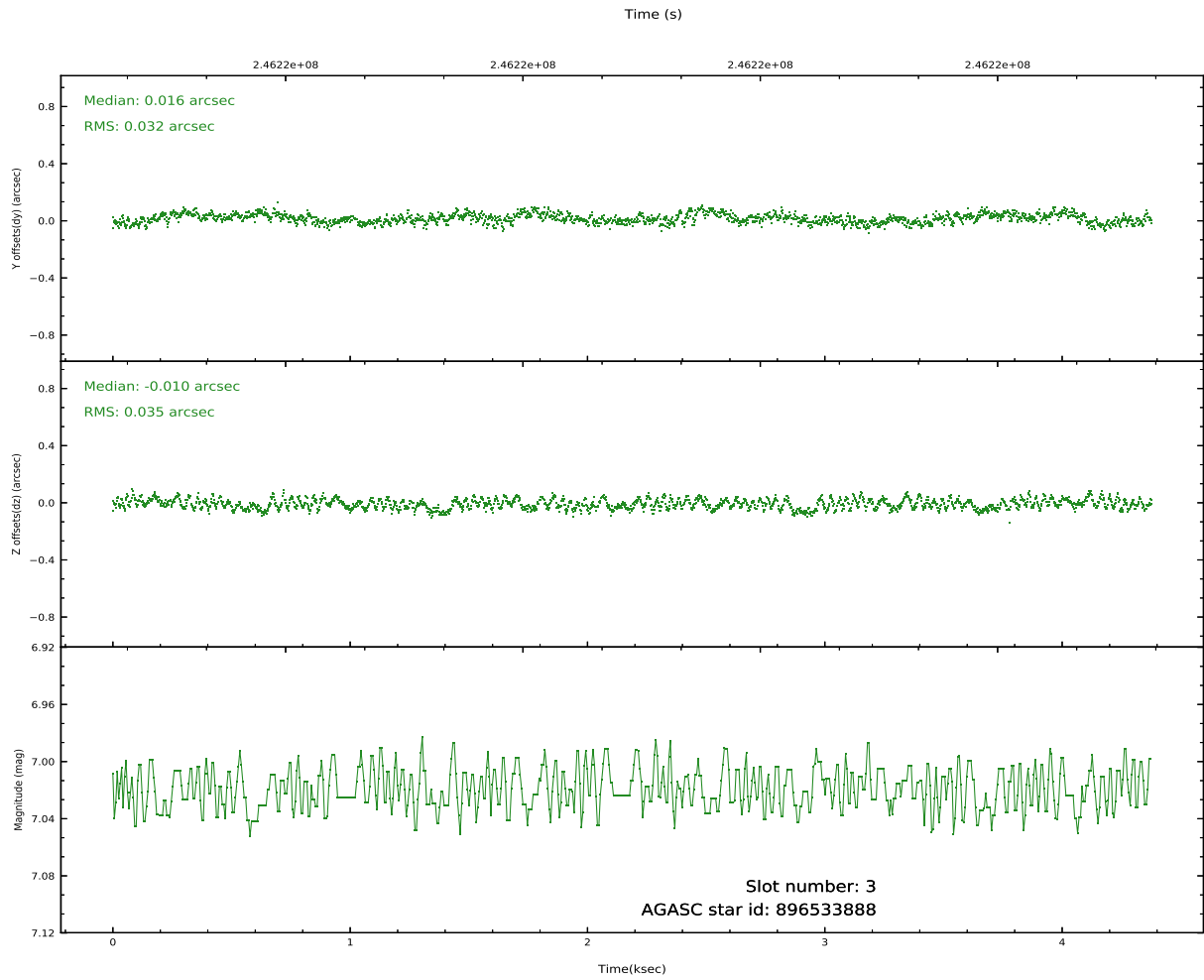
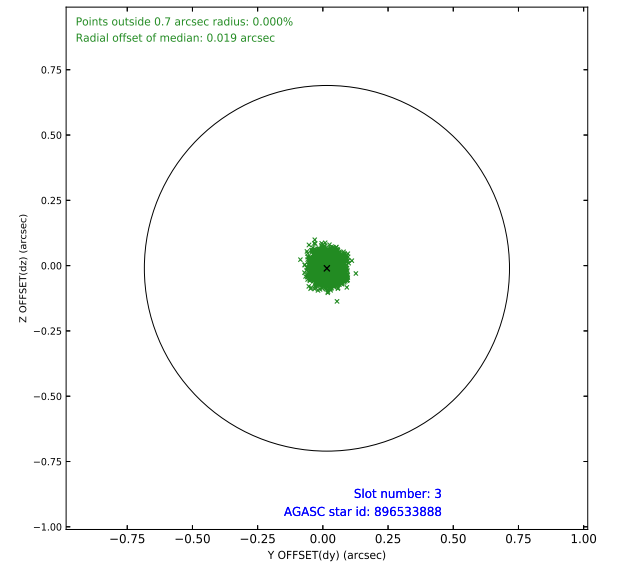
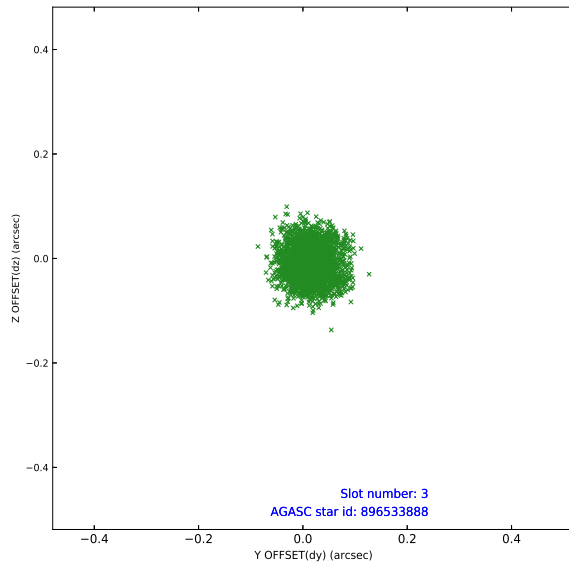


Slot Statistics

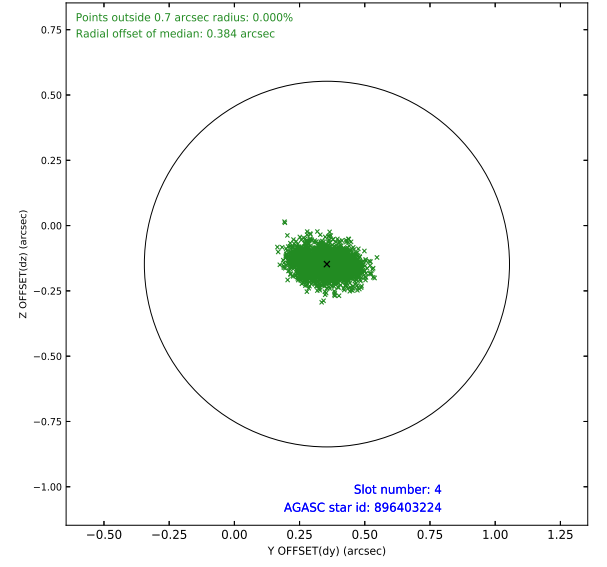
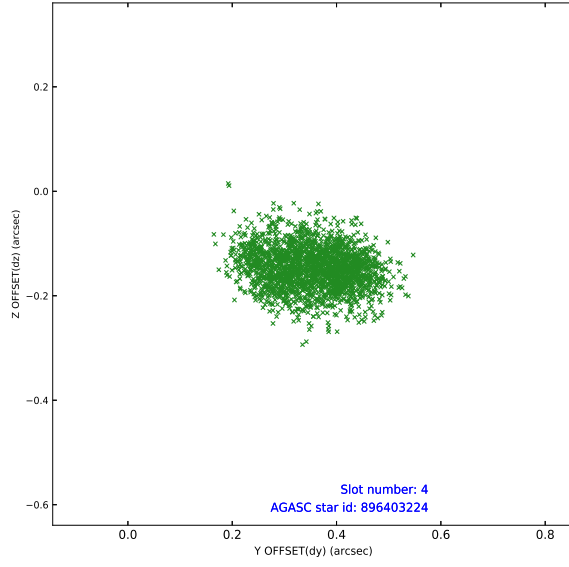
pt	status	used	id	mag	n_pts	frac_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mea
0	FID		HRC-I-1	7.01	1068	1.000	-0.016	0.019	0.013	0.021	0.000000	0.000000	-762.95	-1295
1	FID		HRC-I-2	7.04	1068	1.000	0.168	-0.123	0.006	0.010	0.000000	0.000000	849.15	-1298
2	FID		HRC-I-3	7.09	1068	1.000	-0.033	0.016	0.012	0.020	0.000000	0.000000	-1190.63	1007
3	GUIDE	used	896533888	7.02	2136	1.000	0.016	-0.010	0.052	0.078	266.666434	-29.392757	1405.12	952
4	GUIDE	used	896403224	8.30	2135	1.000	0.355	-0.147	0.088	0.137	265.612825	-29.438915	1848.51	-2325
5	GUIDE	used	896404568	7.86	2136	1.000	-0.242	-0.078	0.064	0.101	265.687293	-28.431080	-1787.04	-2412
6	GUIDE	used	896538696	6.72	2136	1.000	-0.193	0.104	0.045	0.071	266.298470	-28.325572	-2331.51	-515
7	GUIDE	used	896537776	7.54	2135	1.000	0.065	0.135	0.044	0.073	266.655684	-29.665673	2386.12	996

2.4 Star Slots

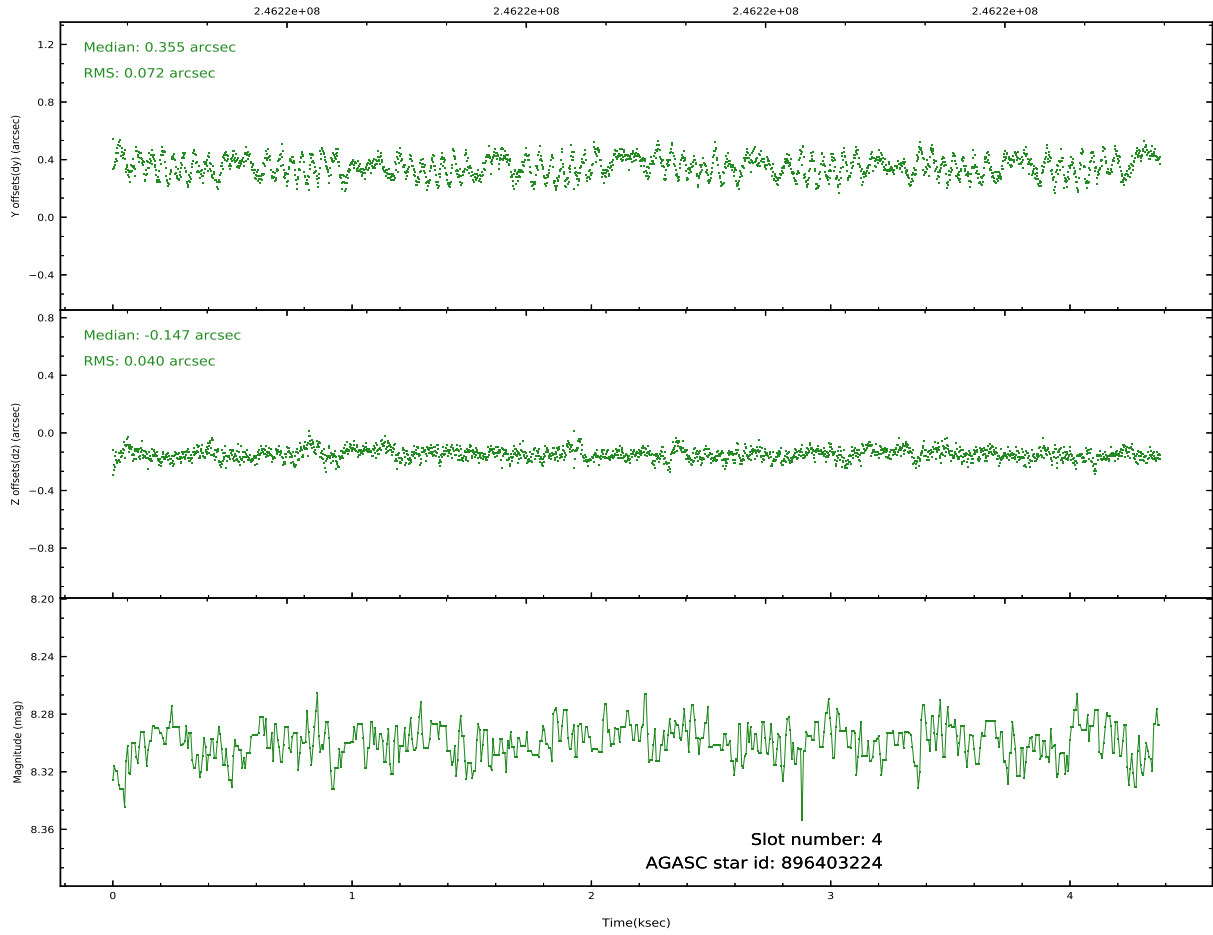
2.4.1 Slot 3



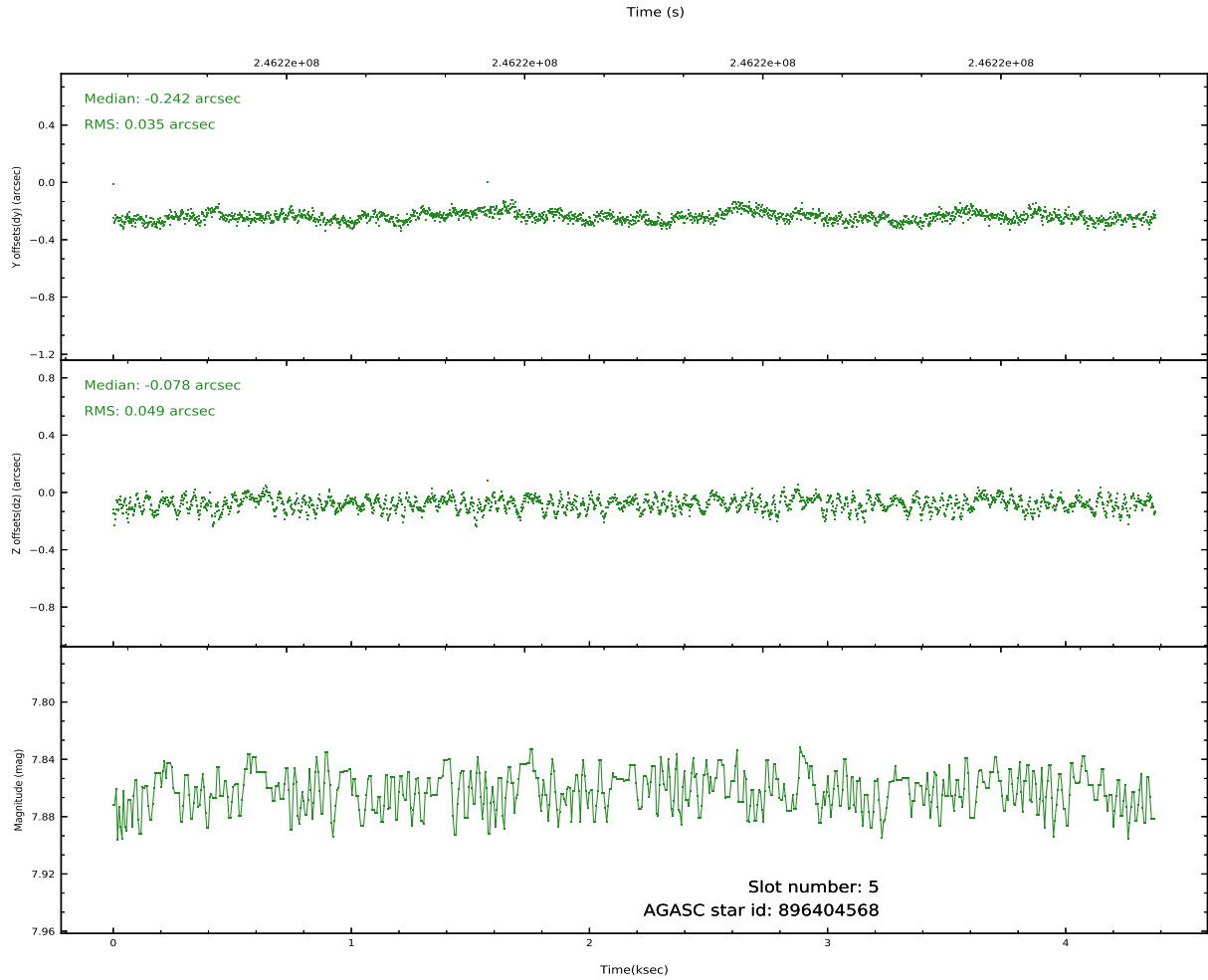
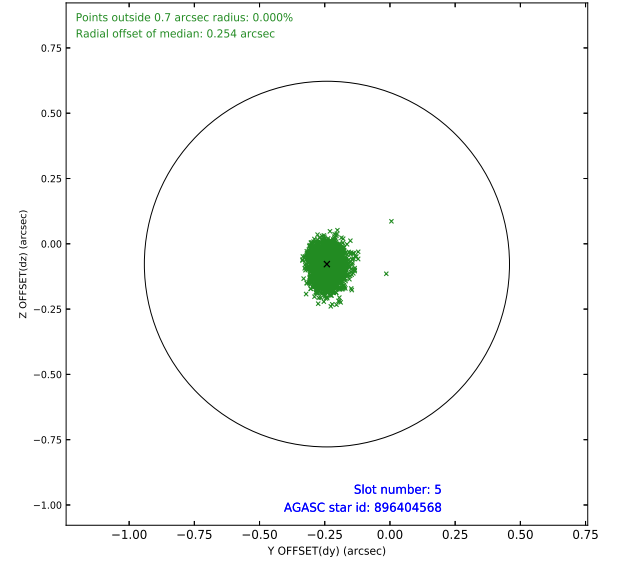
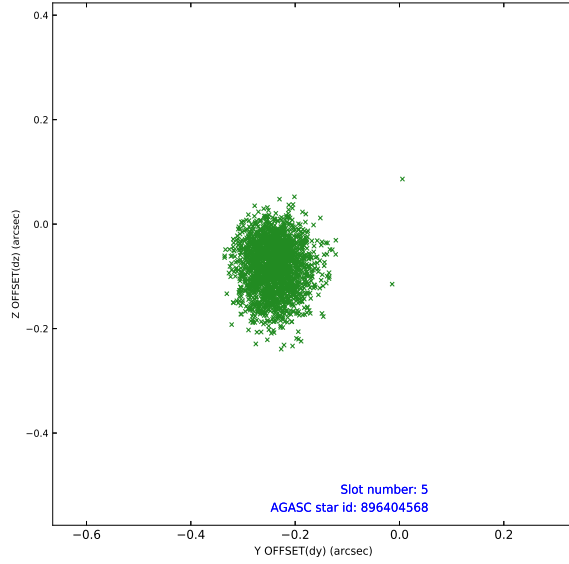
2.4.2 Slot 4



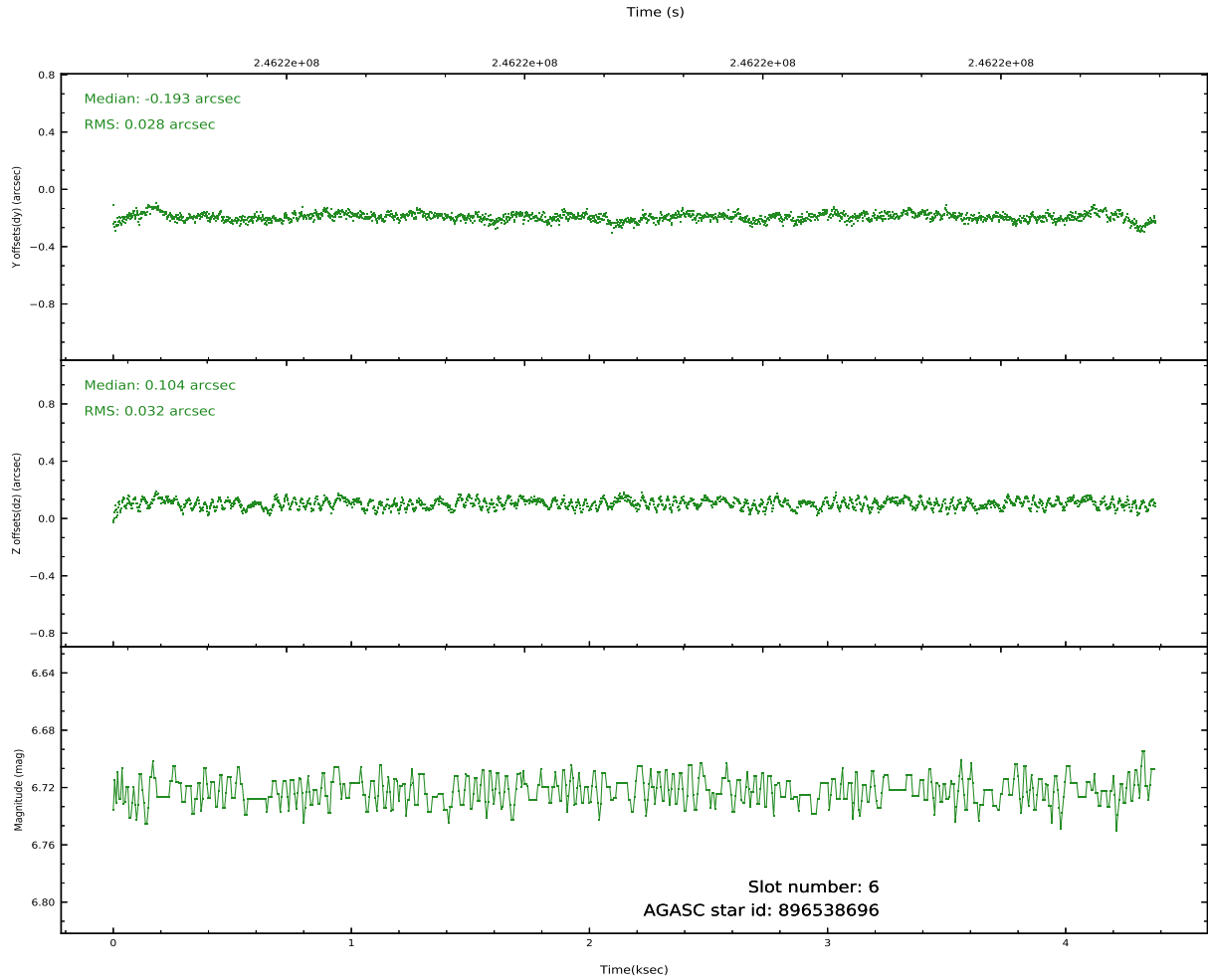
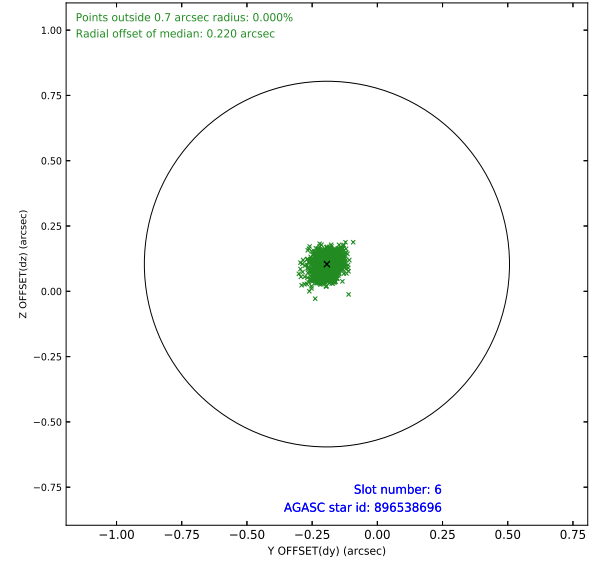
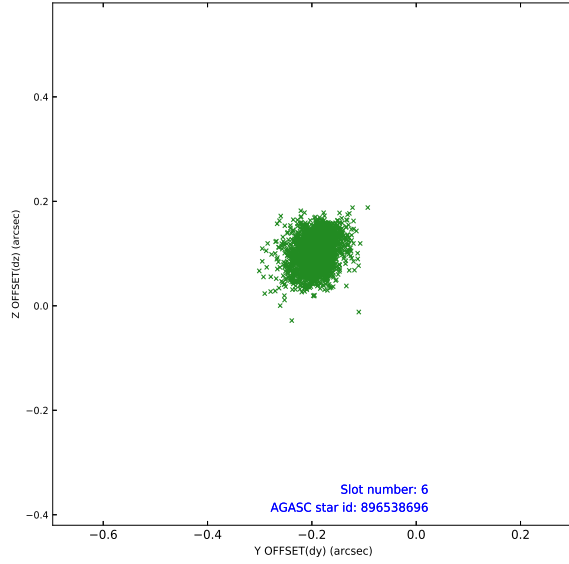
Time (s)



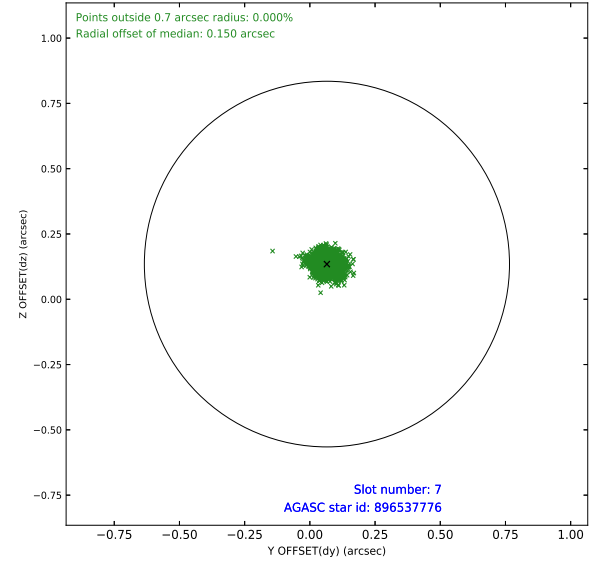
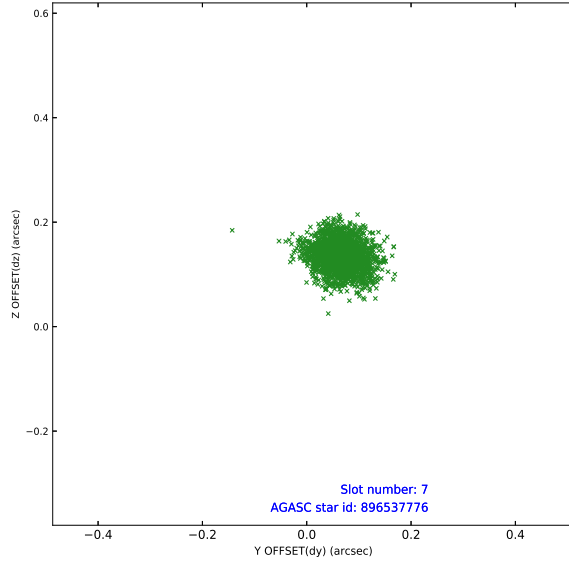
2.4.3 Slot 5



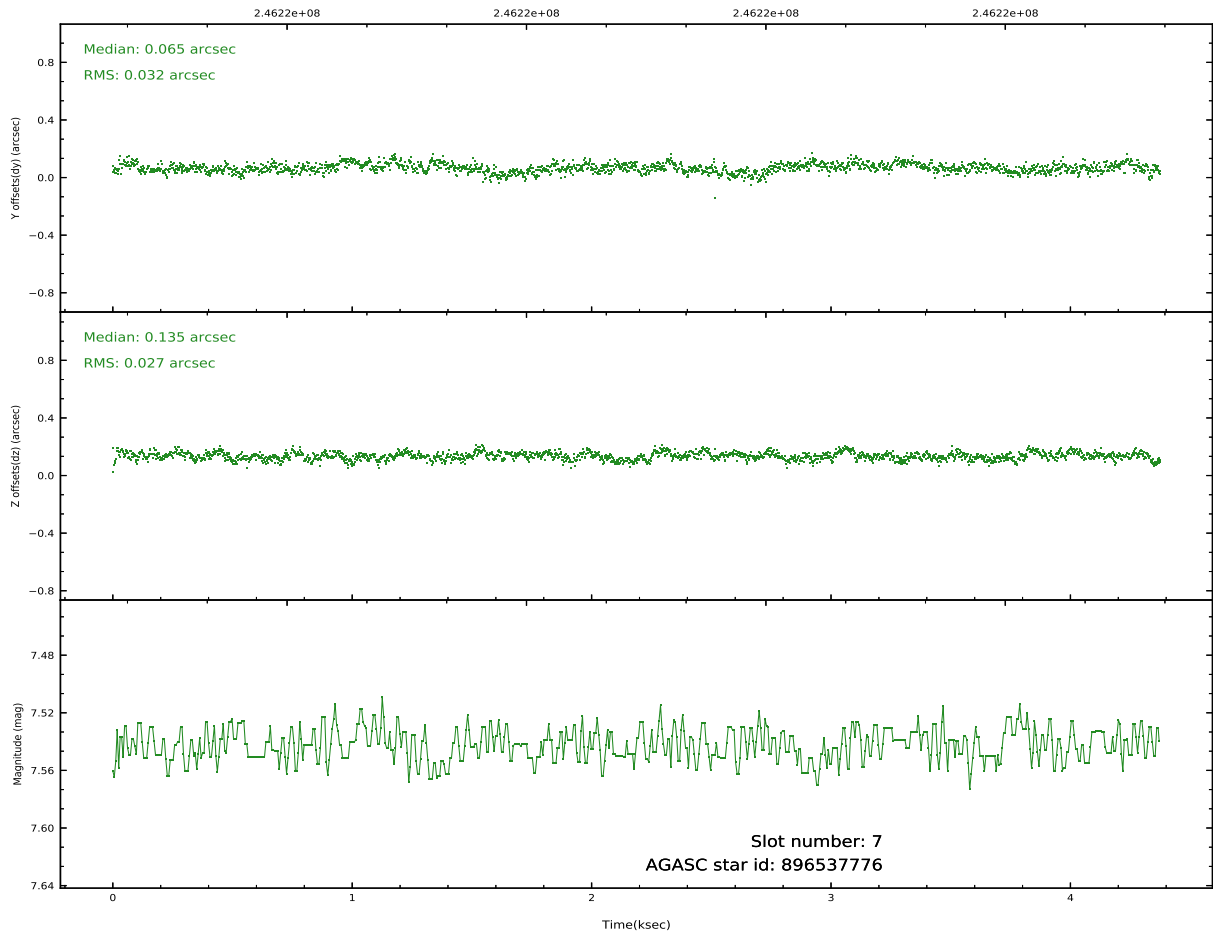
2.4.4 Slot 6



2.4.5 Slot 7

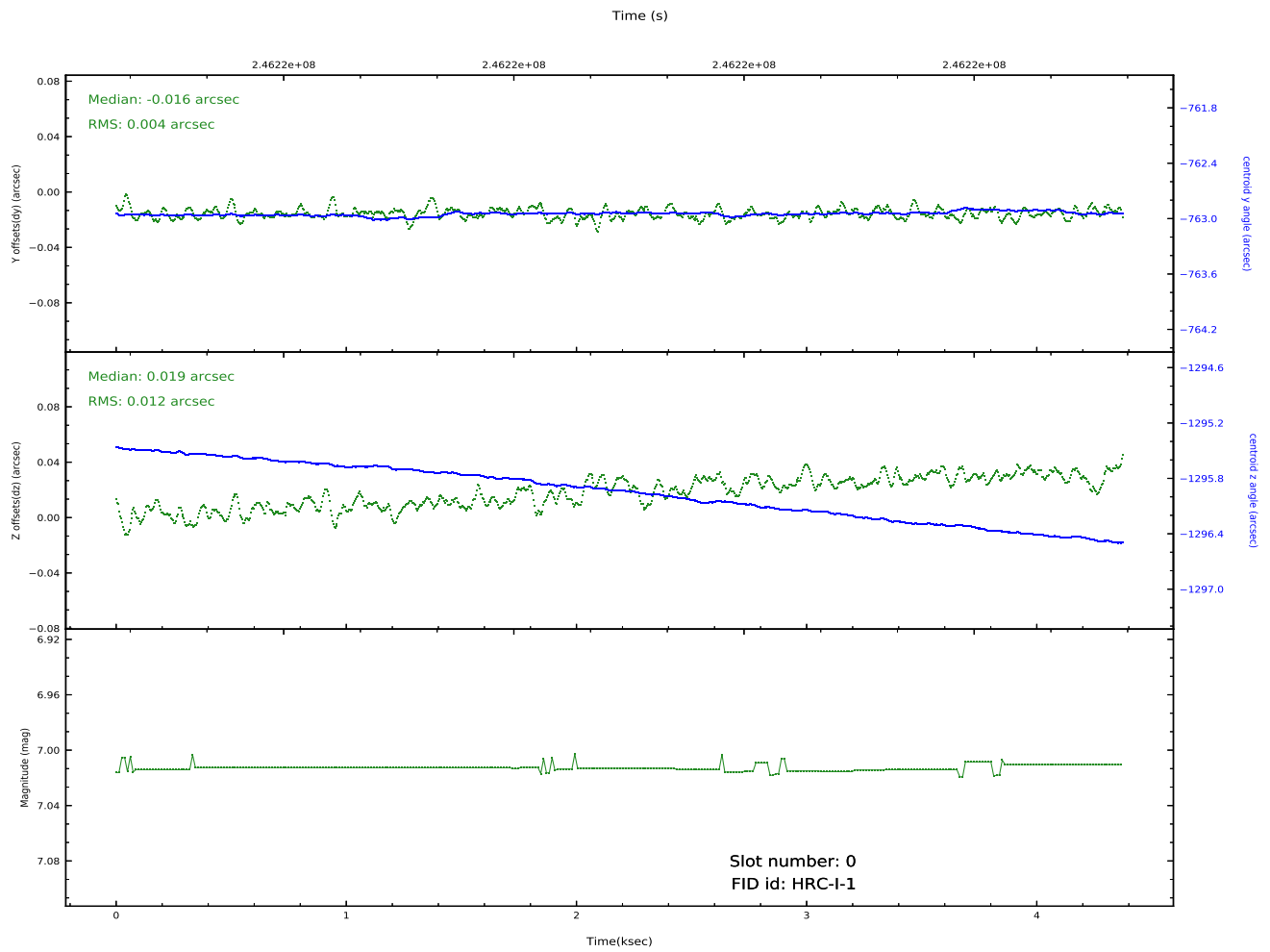
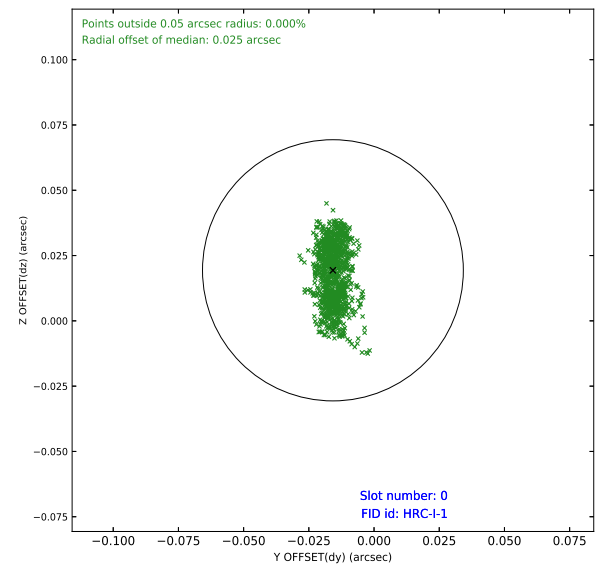
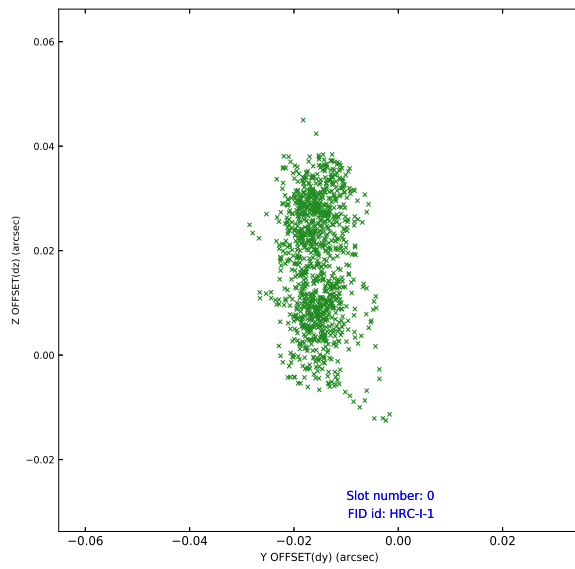


Time (s)

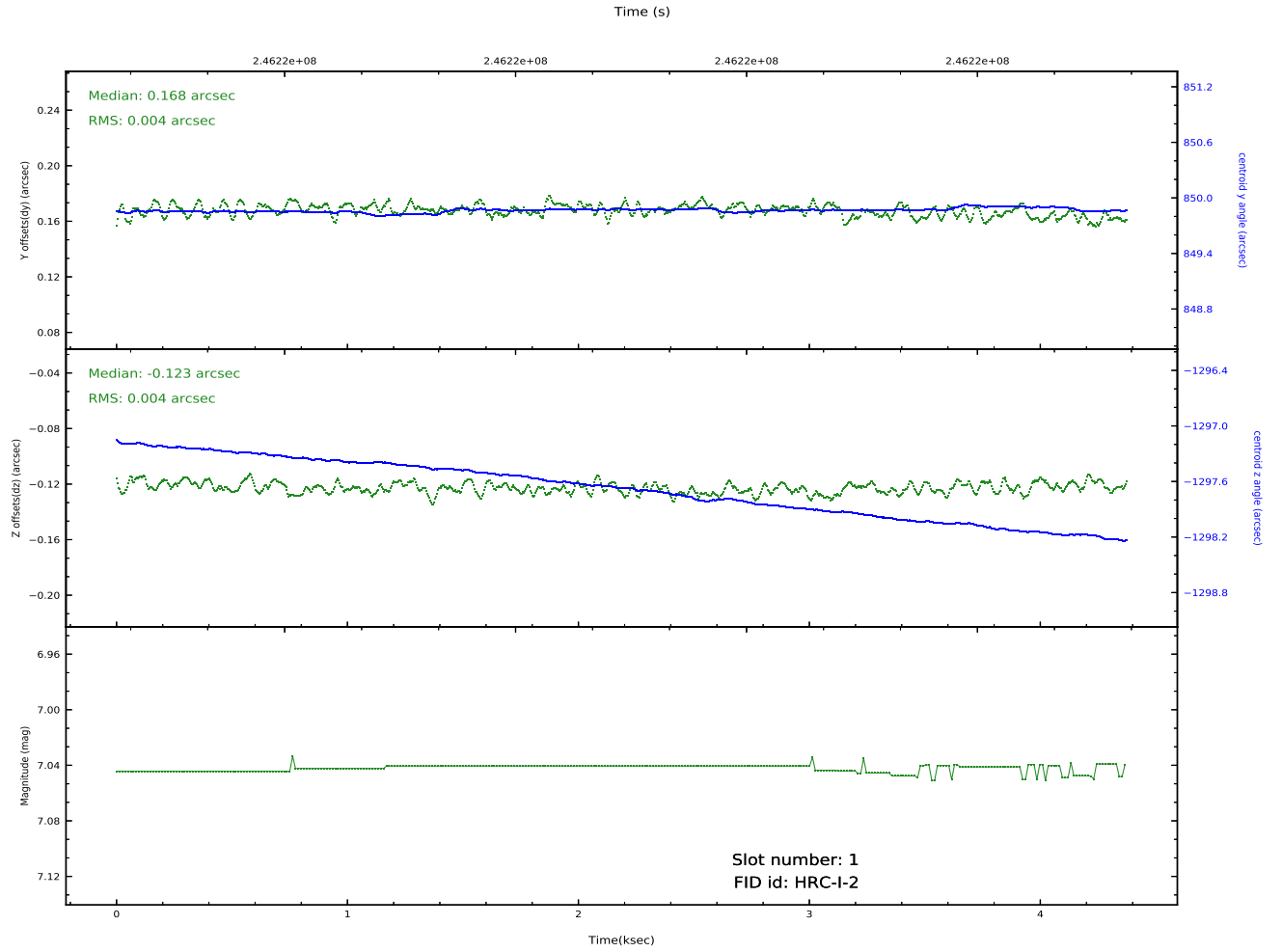
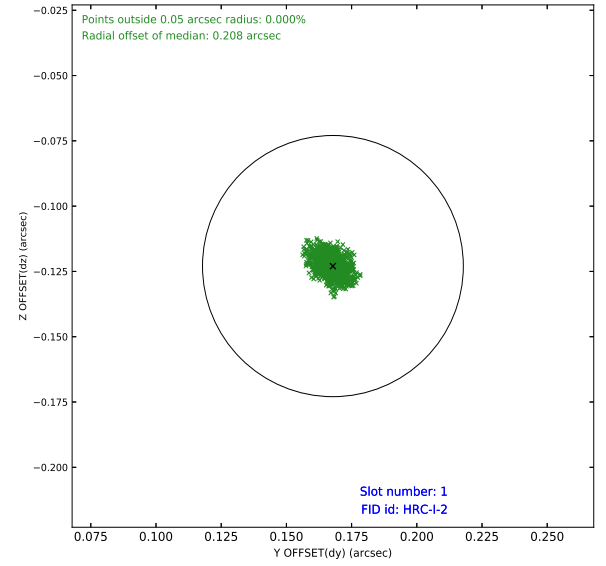
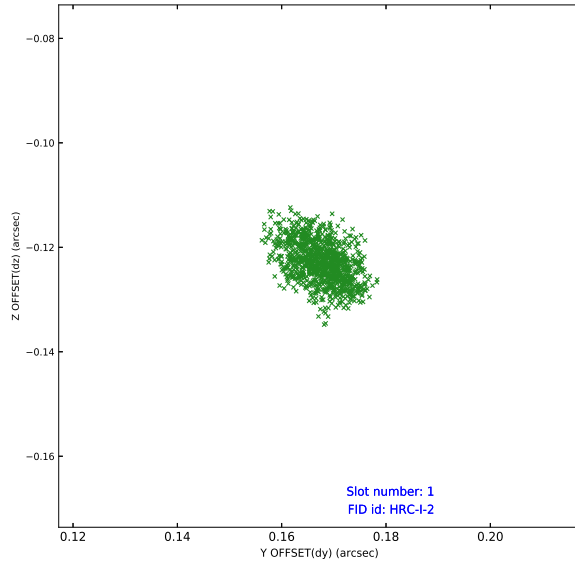


2.5 FID Slots

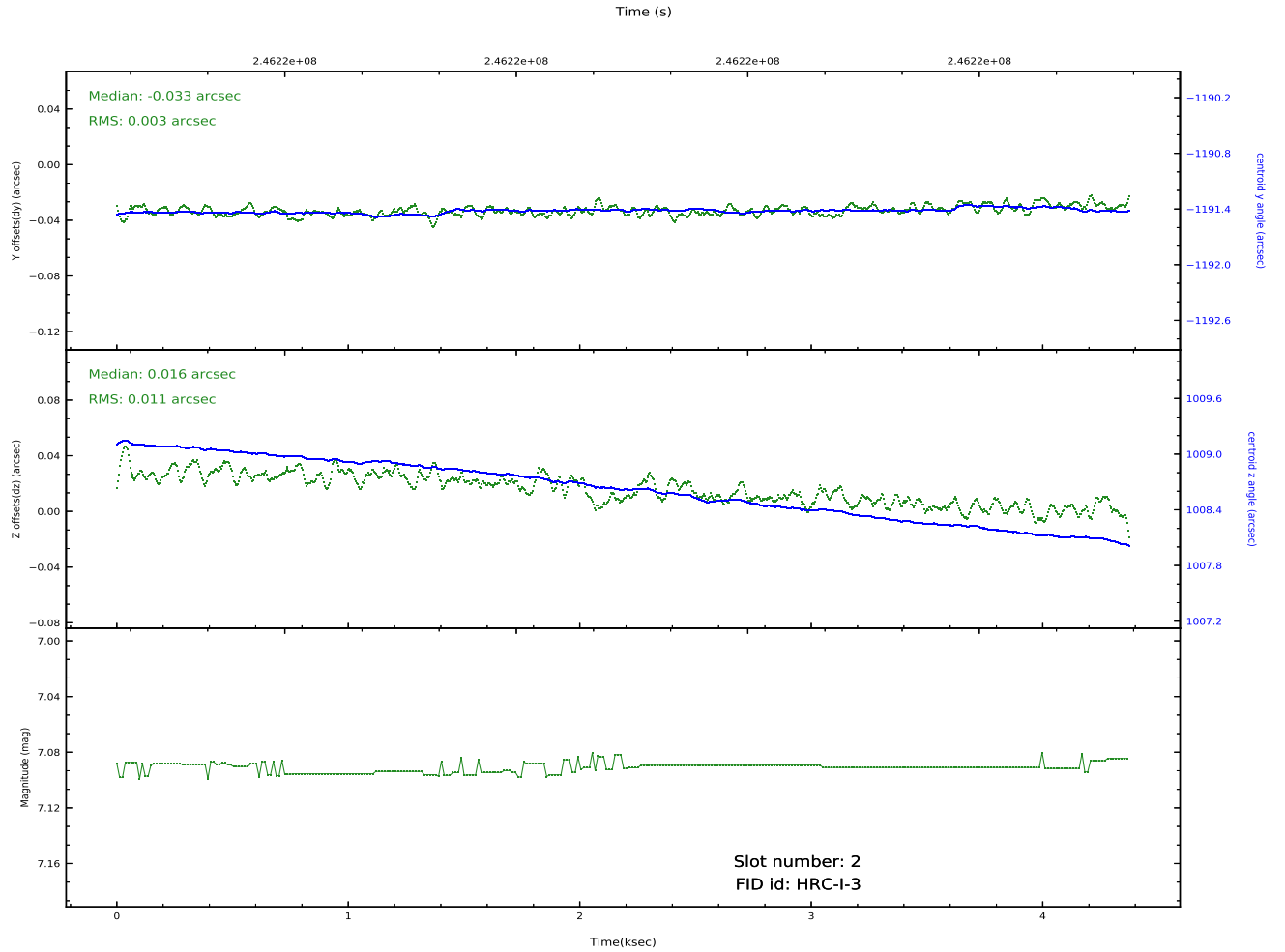
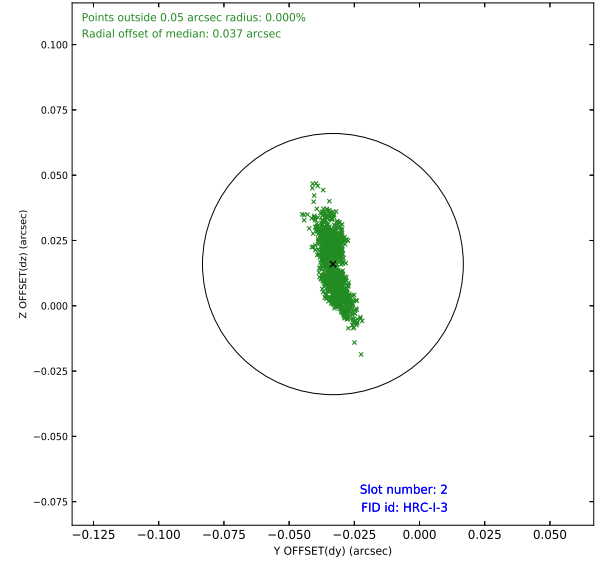
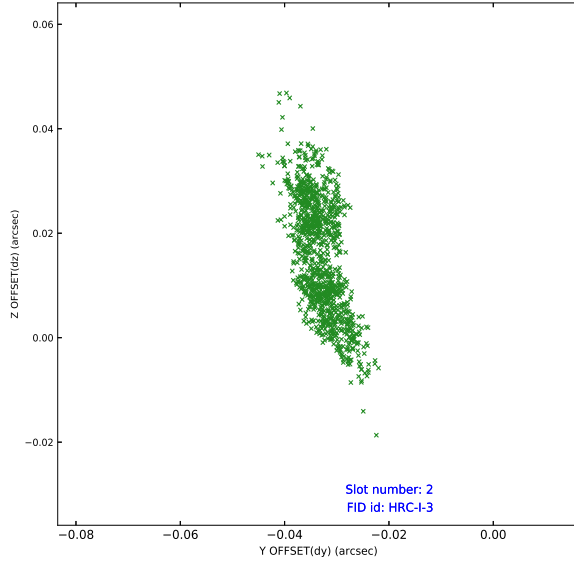
2.5.1 Slot 0



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	4.375981

A.2 Comments

Joint proposal with XMM.