

V&V Reference Report

L2 ASCDS Version : 10.9.1

Observation 5996 - L2 Version 5
Chandra X-Ray Center

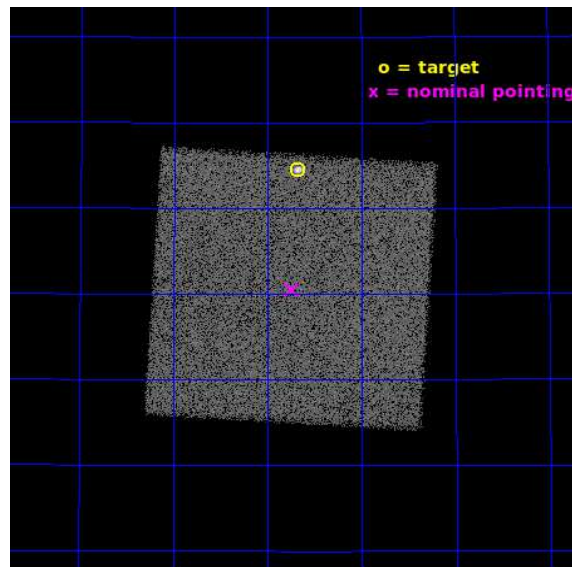
L2 Processing Date : Oct 10 2020

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1 Front

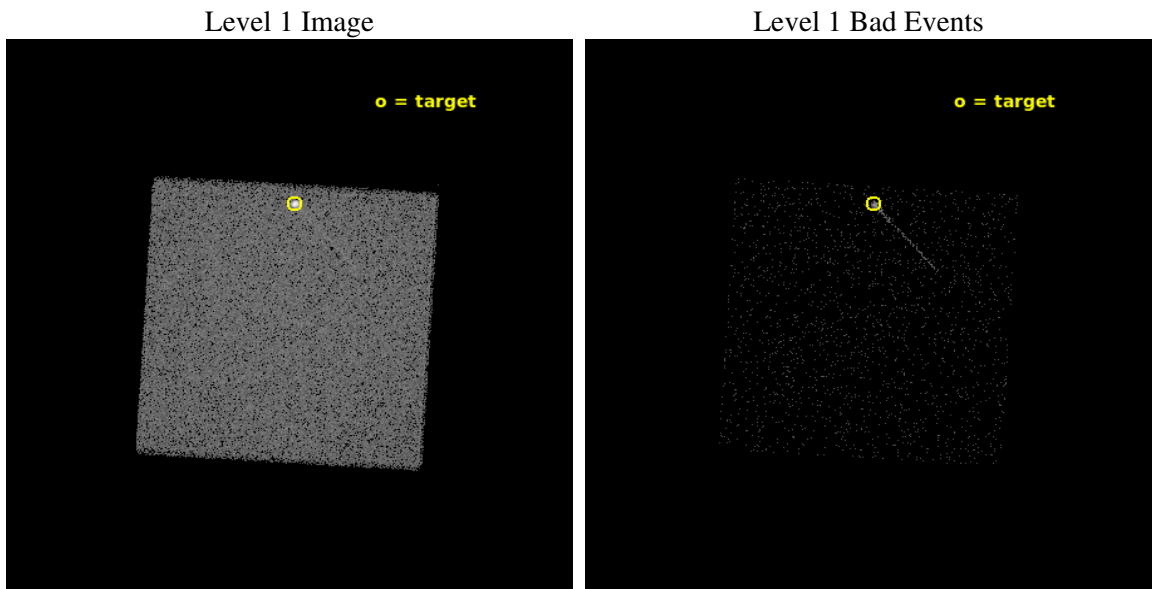
seq_num	290488	Sequence number
obs_id	5996	Observation id
title	AO6 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.18542379862	Nominal RA [deg]
dec_nom	45.508492705001	Nominal Dec [deg]
roll_nom	228.46642354303	Nominal Roll [deg]
revision	5	Processing version of data
ontime	1112.3813011944	[s]
livetime	1099.9805158526	Ontime multiplied by DTCOR
l2events	92965	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	950.000000	[s] Scheduled observation exposure time
ascdsver	10.9.1	Processing system revision	ontime	1112.3813011944	[s]
caldsver	4.9.2	 	l1events	254024	Number of level 1 events
date	2020-10-11T00:54:03	Date and time of file creation			
revision	5	Processing version of data			

2.1.3 Events

Level 1 Events

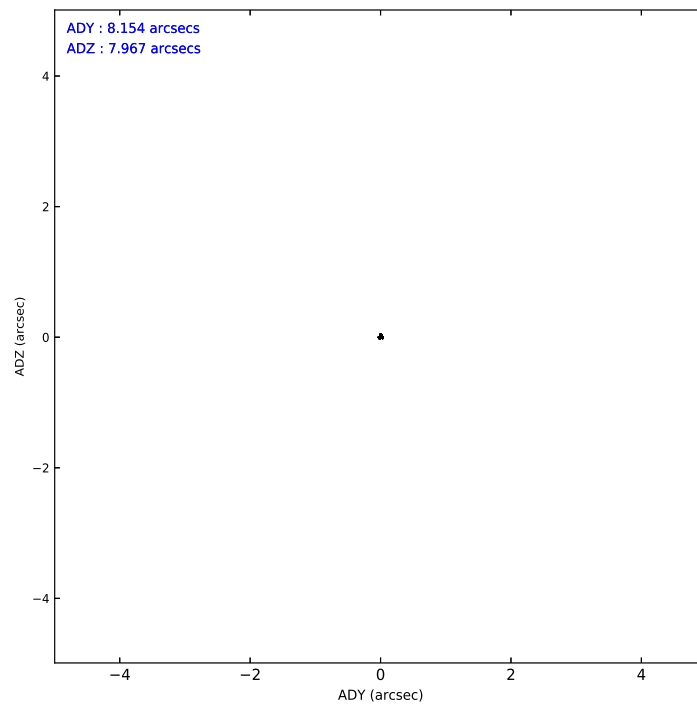
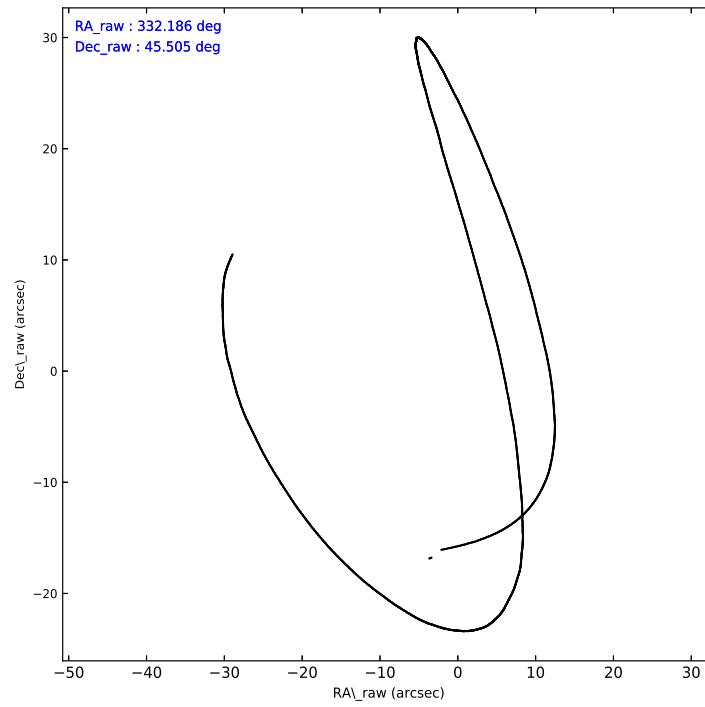
	segment 0
level 1 events	254024
rejected events	128456
rejected %	50%

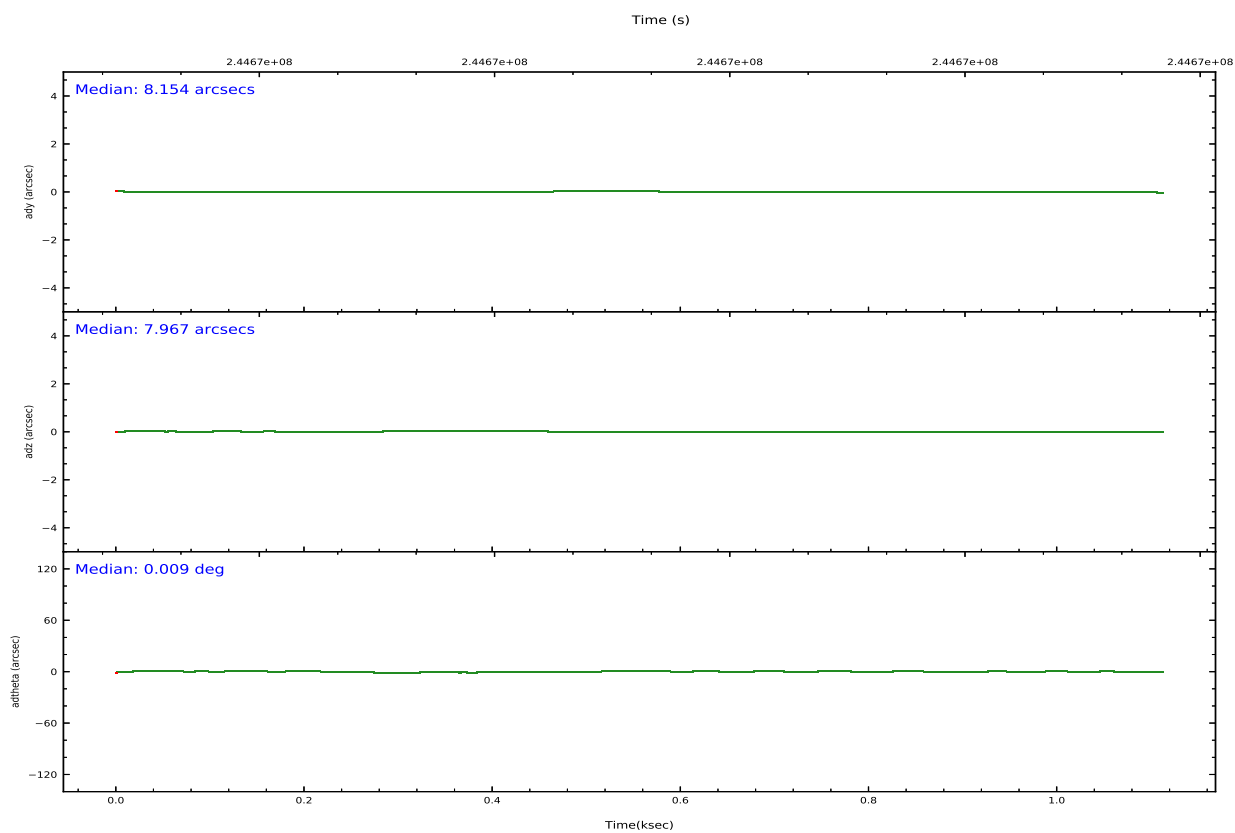
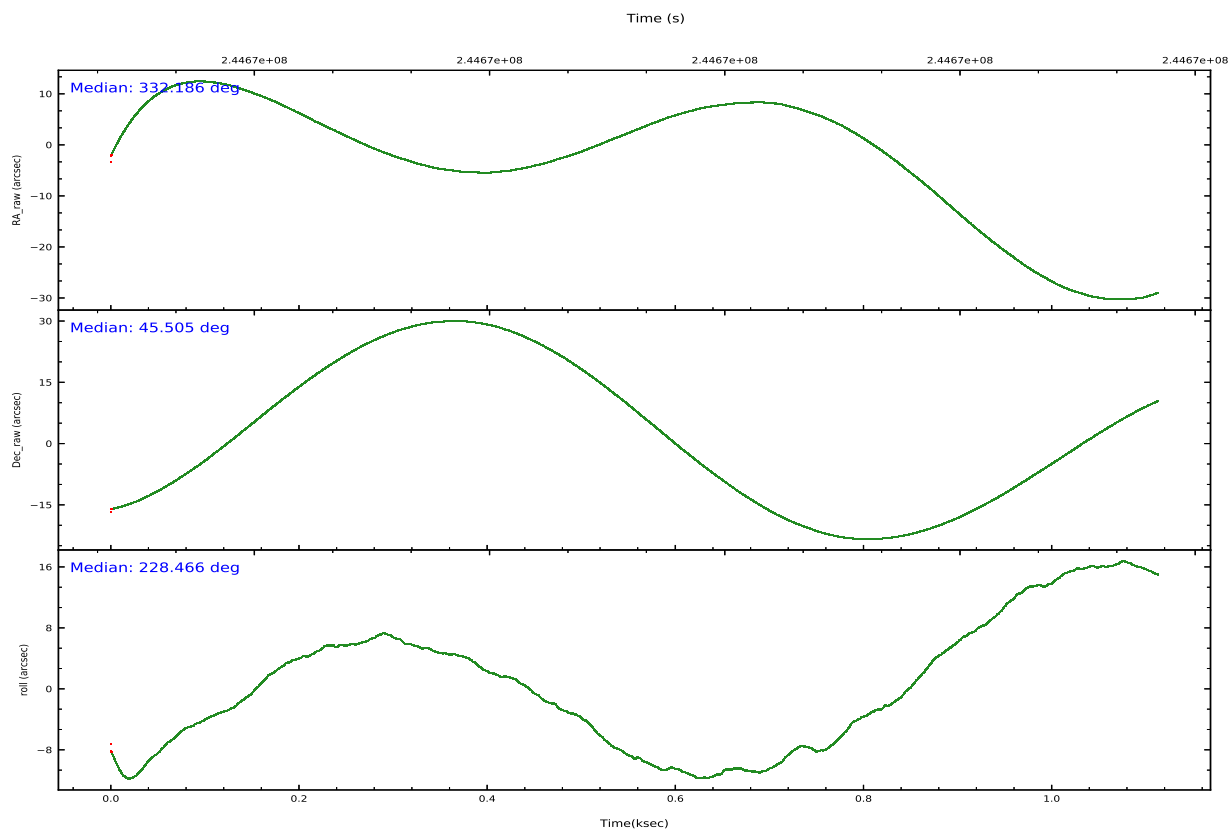
2.2 Compared Parameters

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	332.192505	332.18542379862
[deg] Pointing Dec	45.531924	45.508492705001
[deg] Pointing Roll	228.563674	228.46642354303
[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)	244668511.184000	244667459.91864
Observation start date	2005-10-02T19:27:27	2005-10-02T19:10:59
[s] Observation end time (MET)	244669461.184000	244669595.50624
Observation end date	2005-10-02T19:43:17	2005-10-02T19:46:35

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

2.3 Aspect



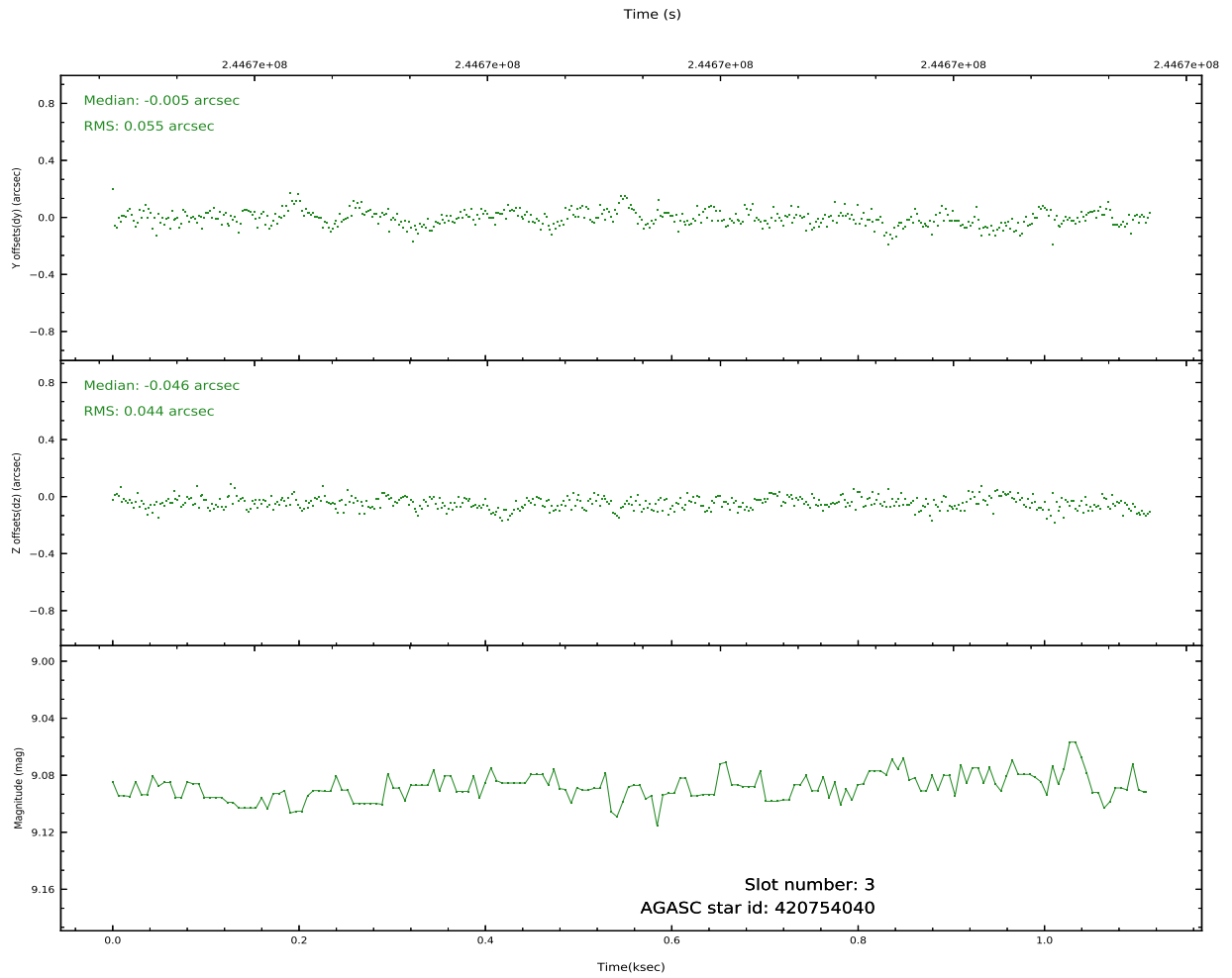
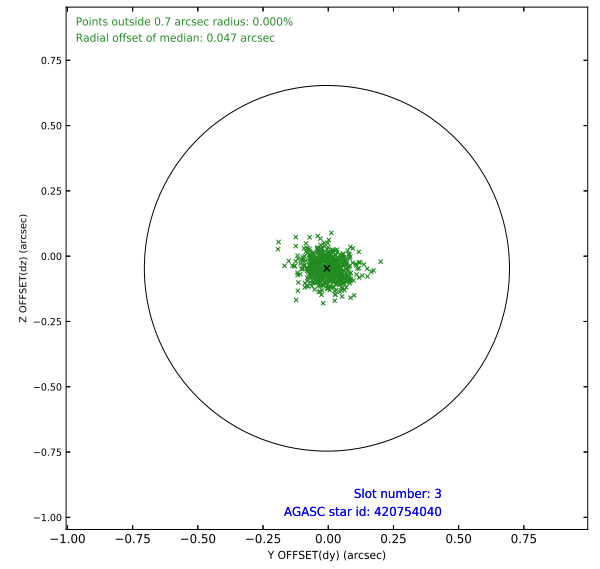
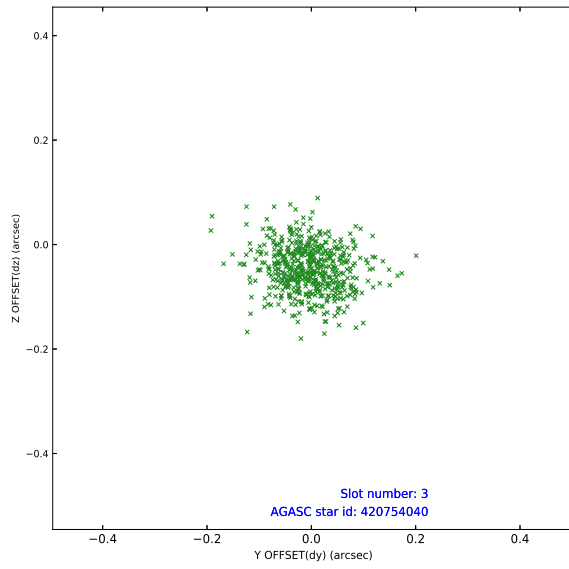


Slot Statistics

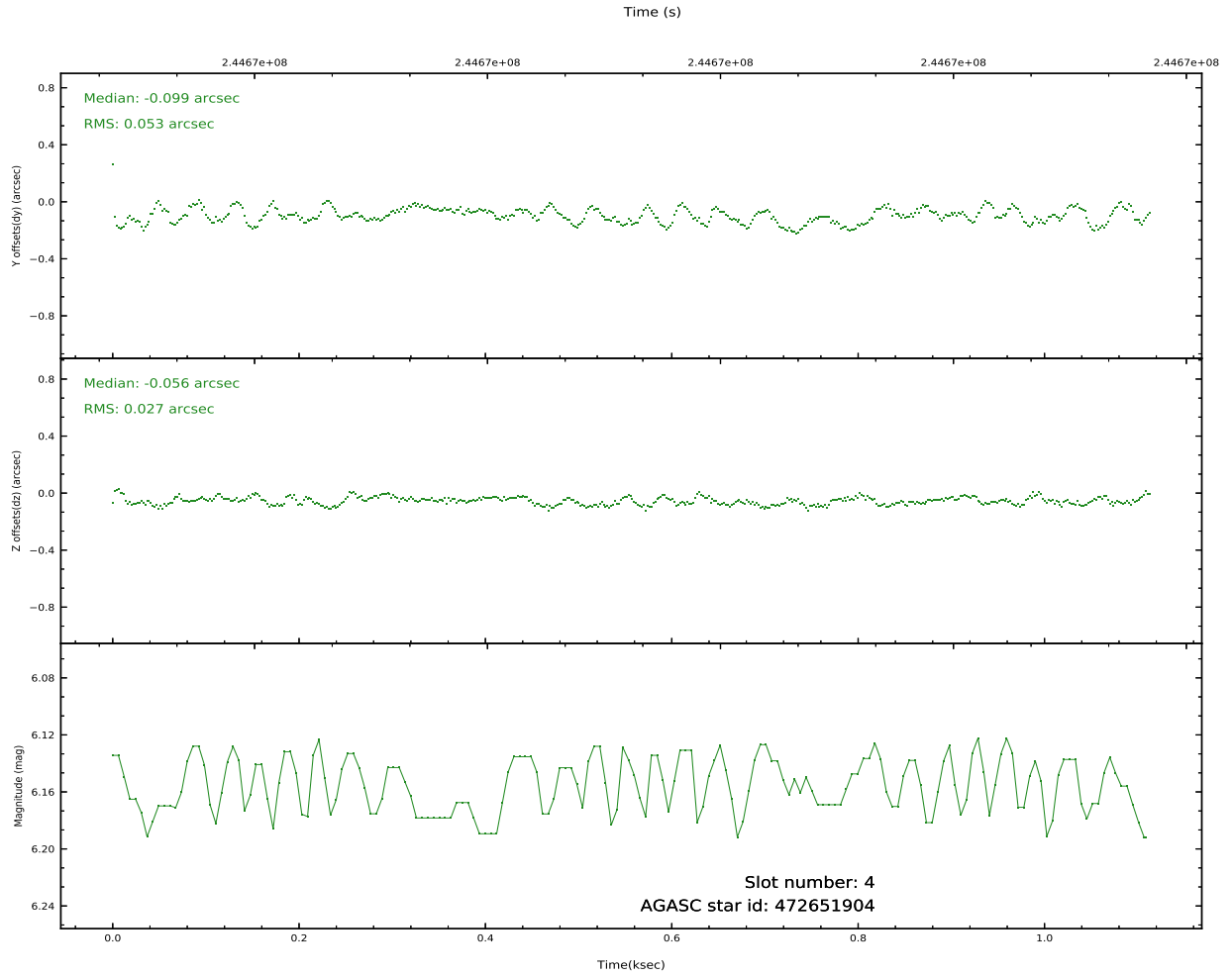
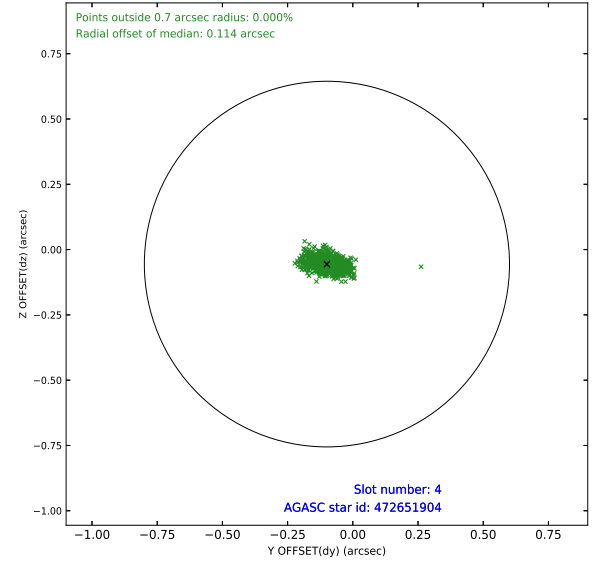
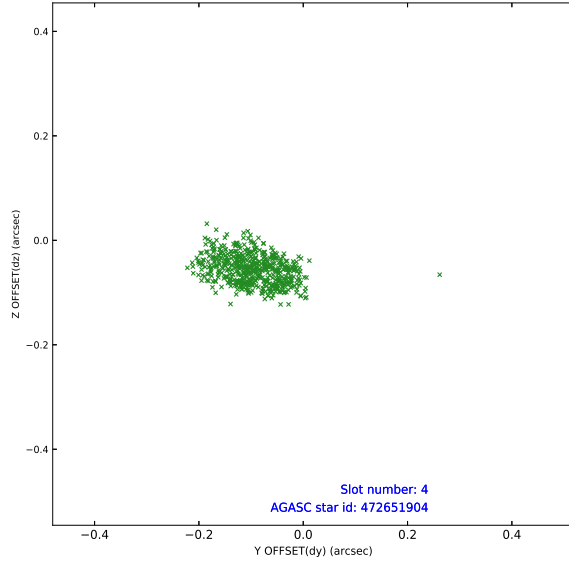
pt	status	used	id	mag	n_pts	frac_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mea
0	FID		HRC-I-1	6.99	272	1.000	-0.025	0.029	0.010	0.018	0.000000	0.000000	-763.81	-1295
1	FID		HRC-I-2	7.03	272	1.000	0.185	-0.132	0.008	0.015	0.000000	0.000000	846.23	-1302
2	FID		HRC-I-3	7.08	272	1.000	-0.039	0.015	0.009	0.023	0.000000	0.000000	-1189.18	1003
3	GUIDE	used	420754040	9.09	544	1.000	-0.005	-0.046	0.073	0.125	331.917939	44.882543	2214.71	1021
4	GUIDE	used	472651904	6.16	544	1.000	-0.099	-0.056	0.062	0.098	332.170077	45.742257	-526.41	-541
5	GUIDE	used	472655152	9.44	543	1.000	-0.046	0.066	0.098	0.159	332.504239	45.862991	-1412.79	-204
6	GUIDE	used	472527720	7.02	544	1.000	0.038	0.086	0.075	0.112	331.460205	45.112509	2354.25	-401
7	GUIDE	used	472523760	8.24	543	1.000	0.111	-0.053	0.056	0.095	331.645363	45.403260	1263.47	-734

2.4 Star Slots

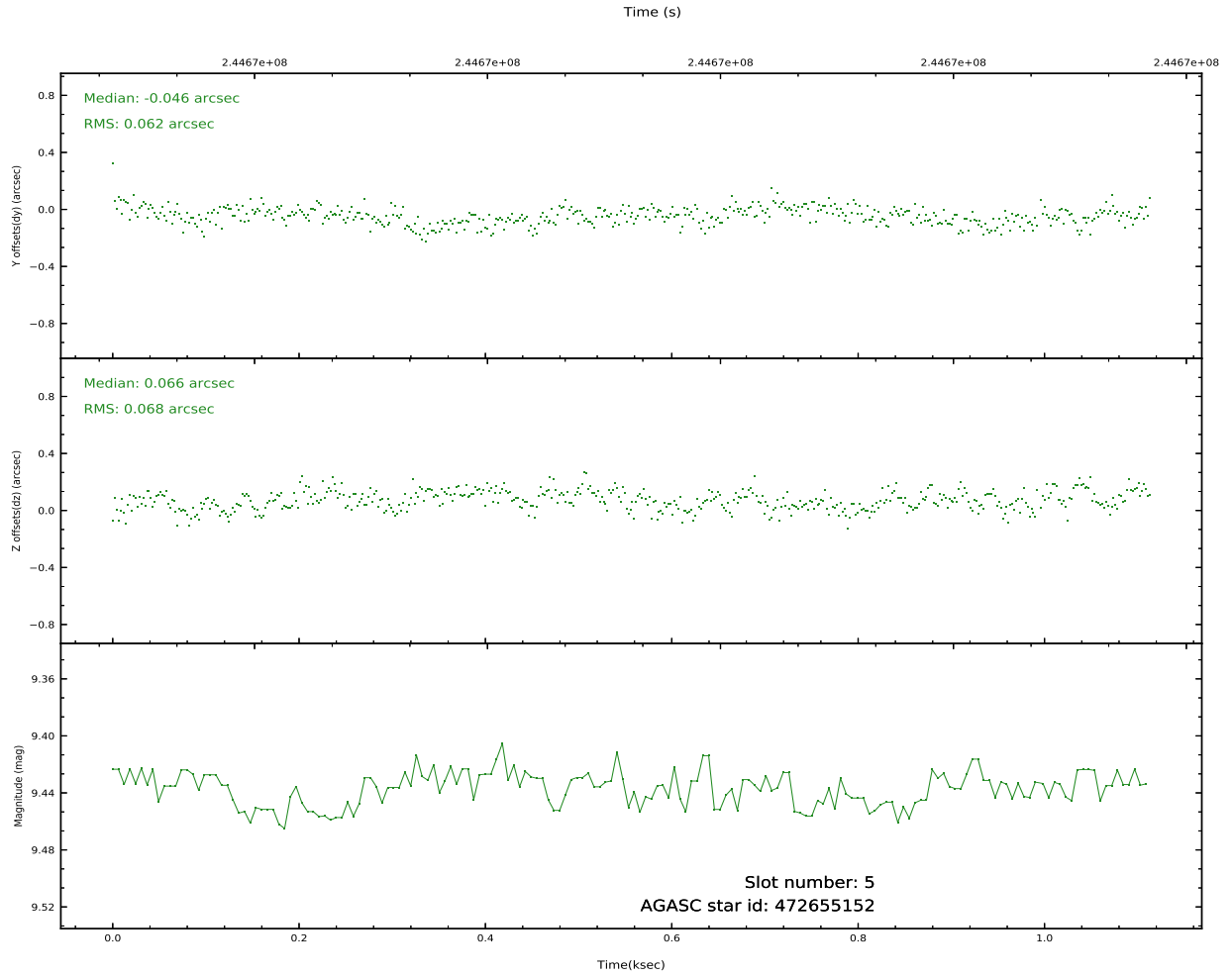
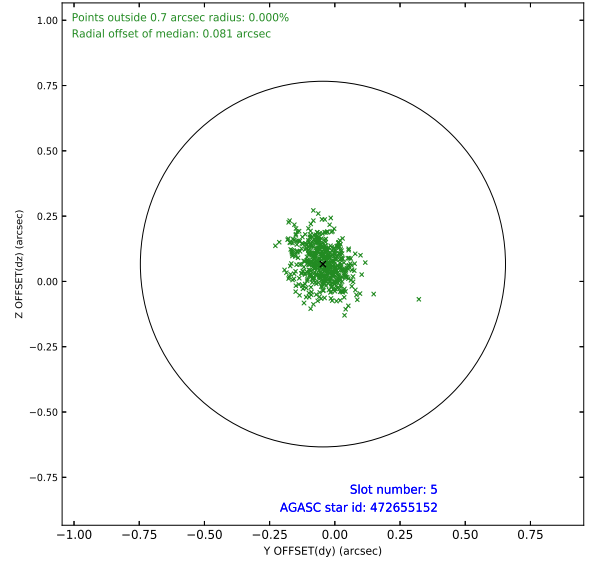
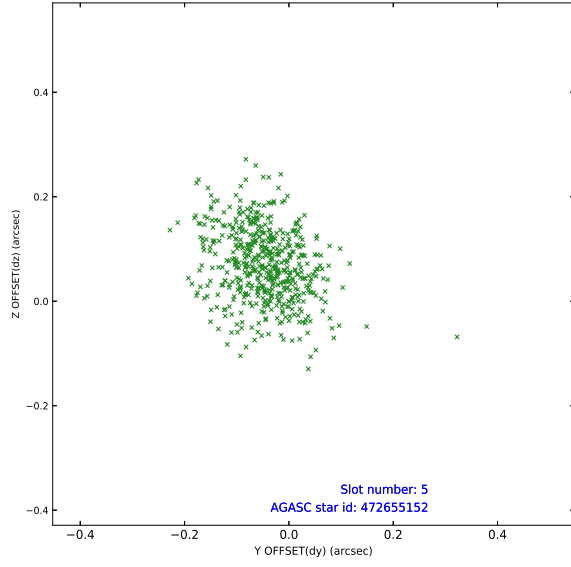
2.4.1 Slot 3



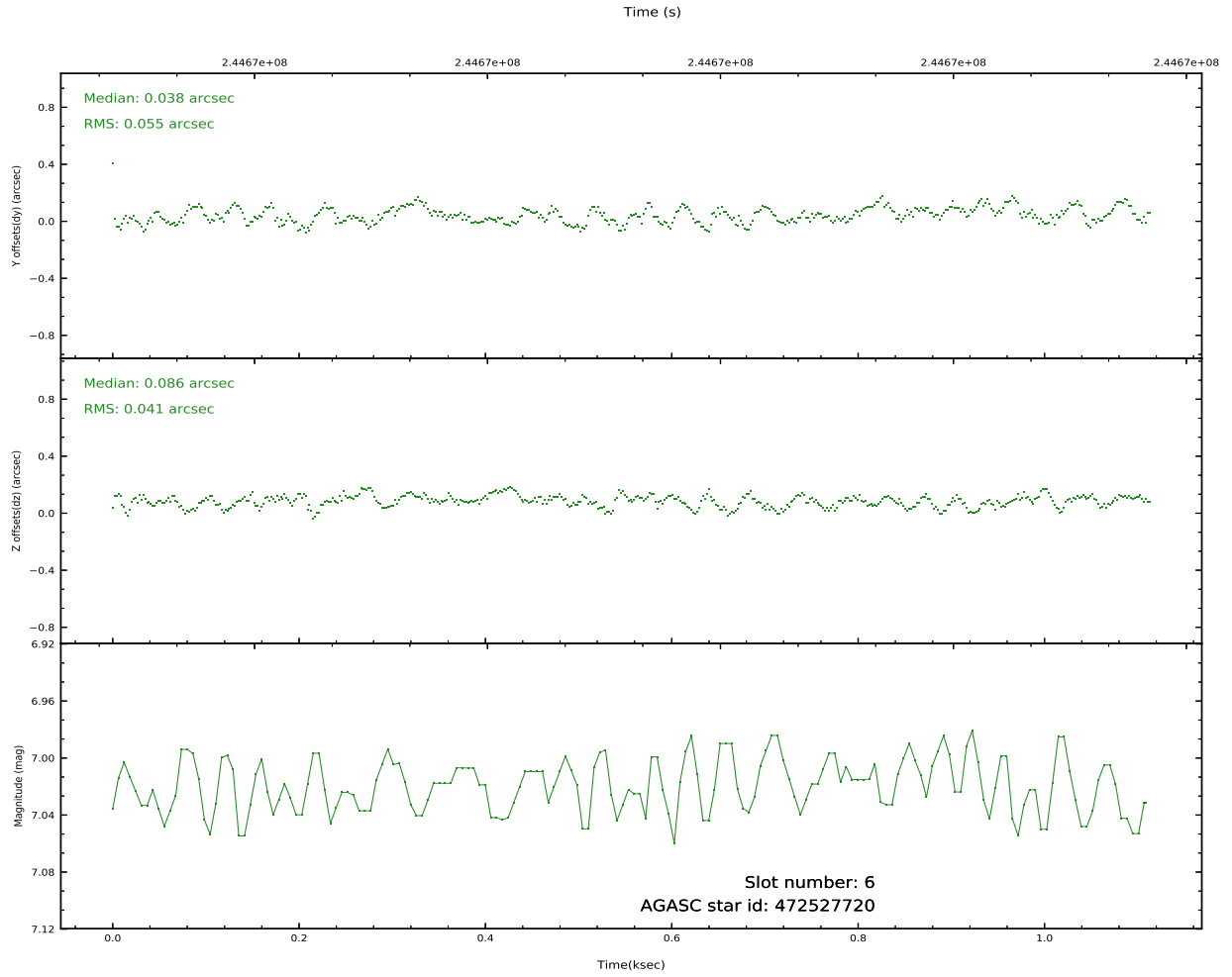
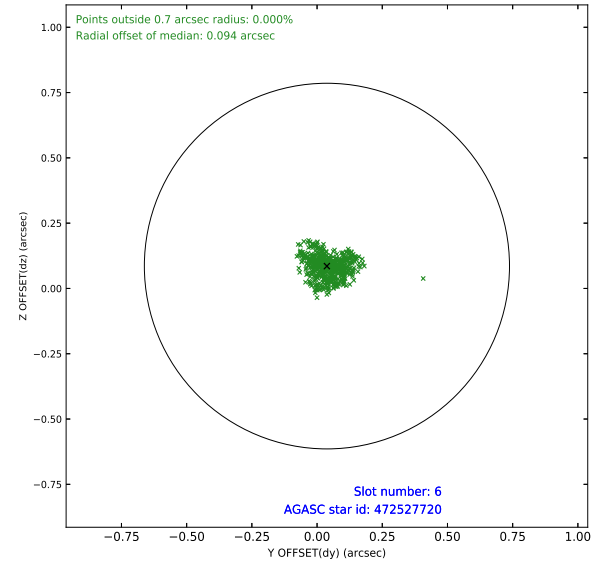
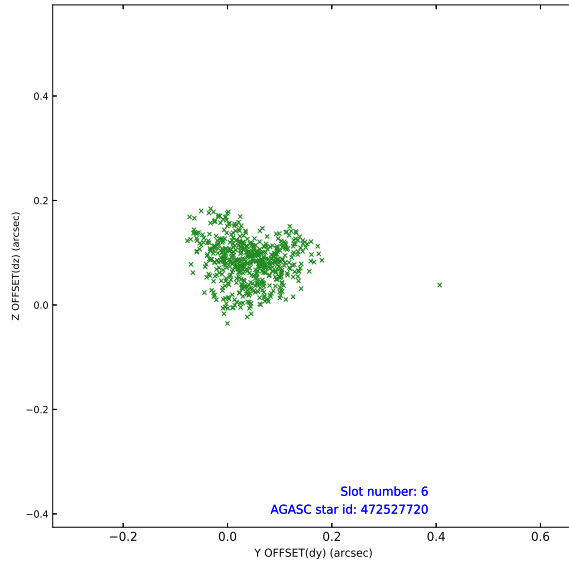
2.4.2 Slot 4



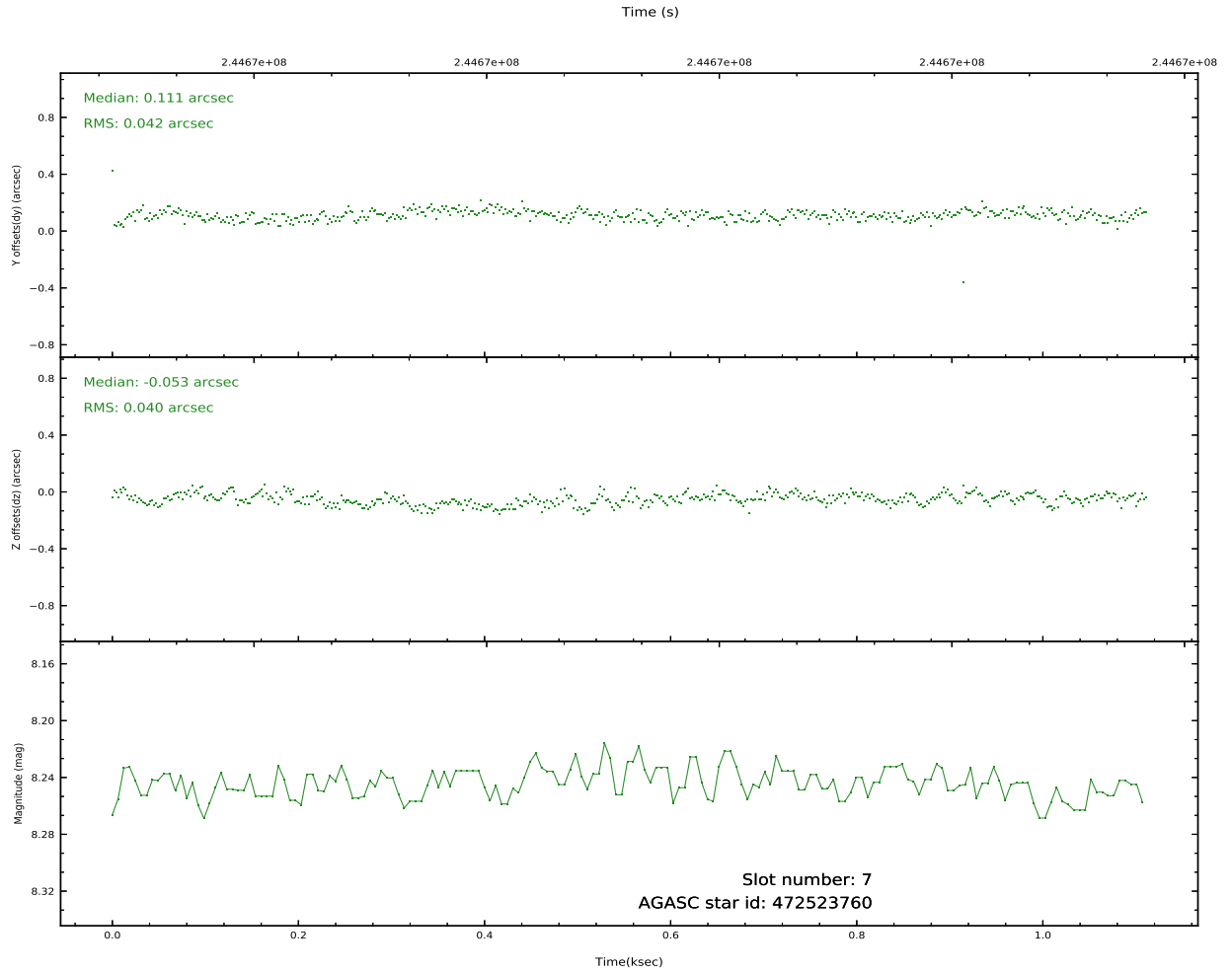
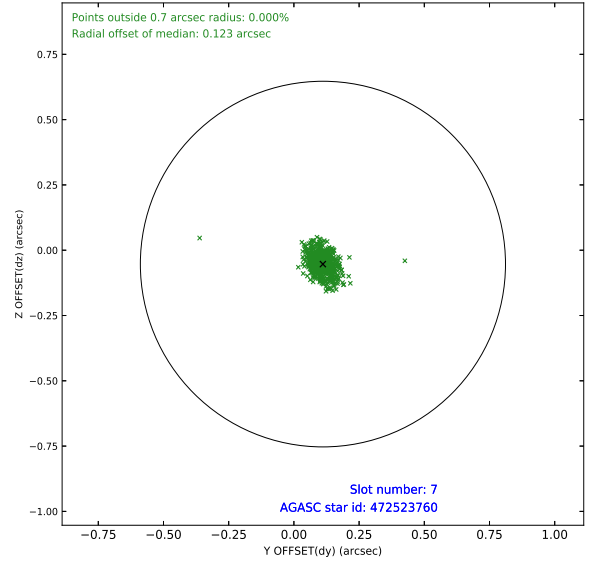
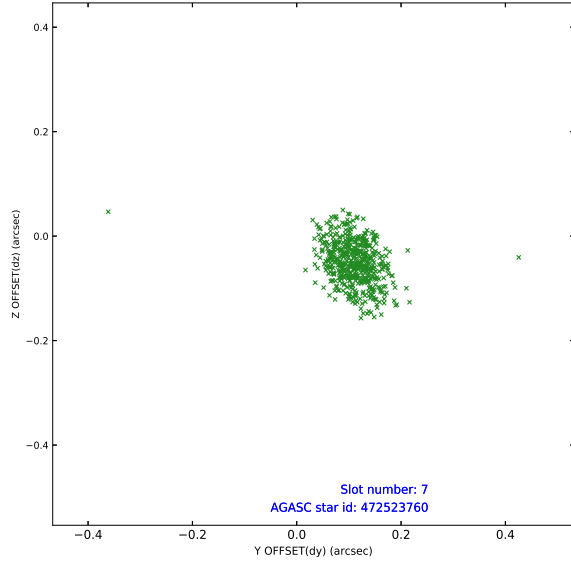
2.4.3 Slot 5



2.4.4 Slot 6

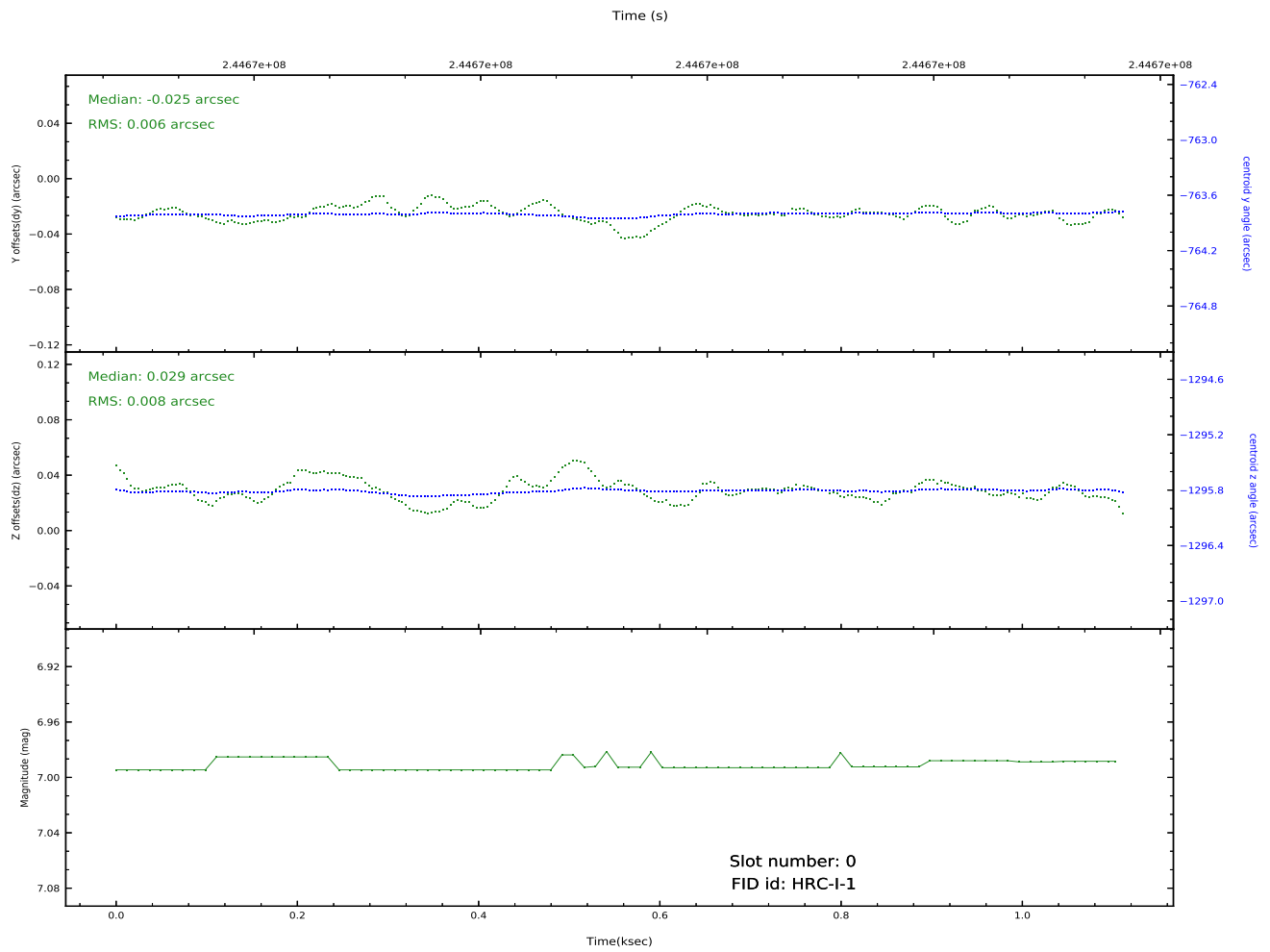
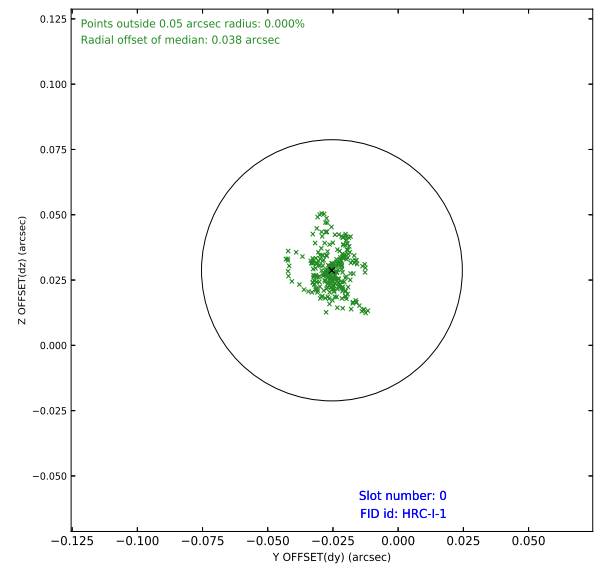
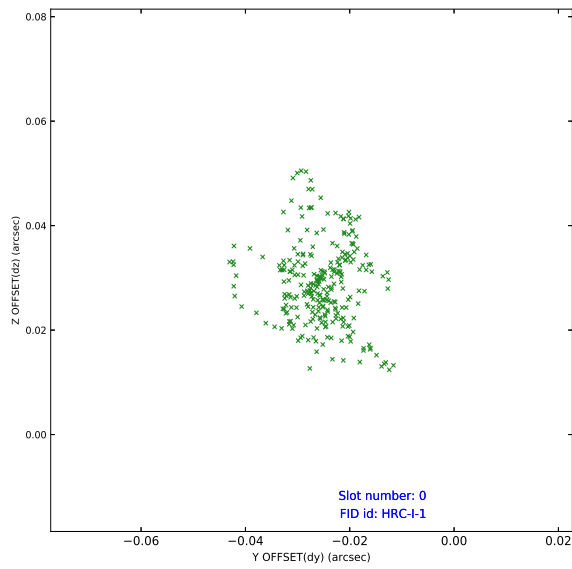


2.4.5 Slot 7

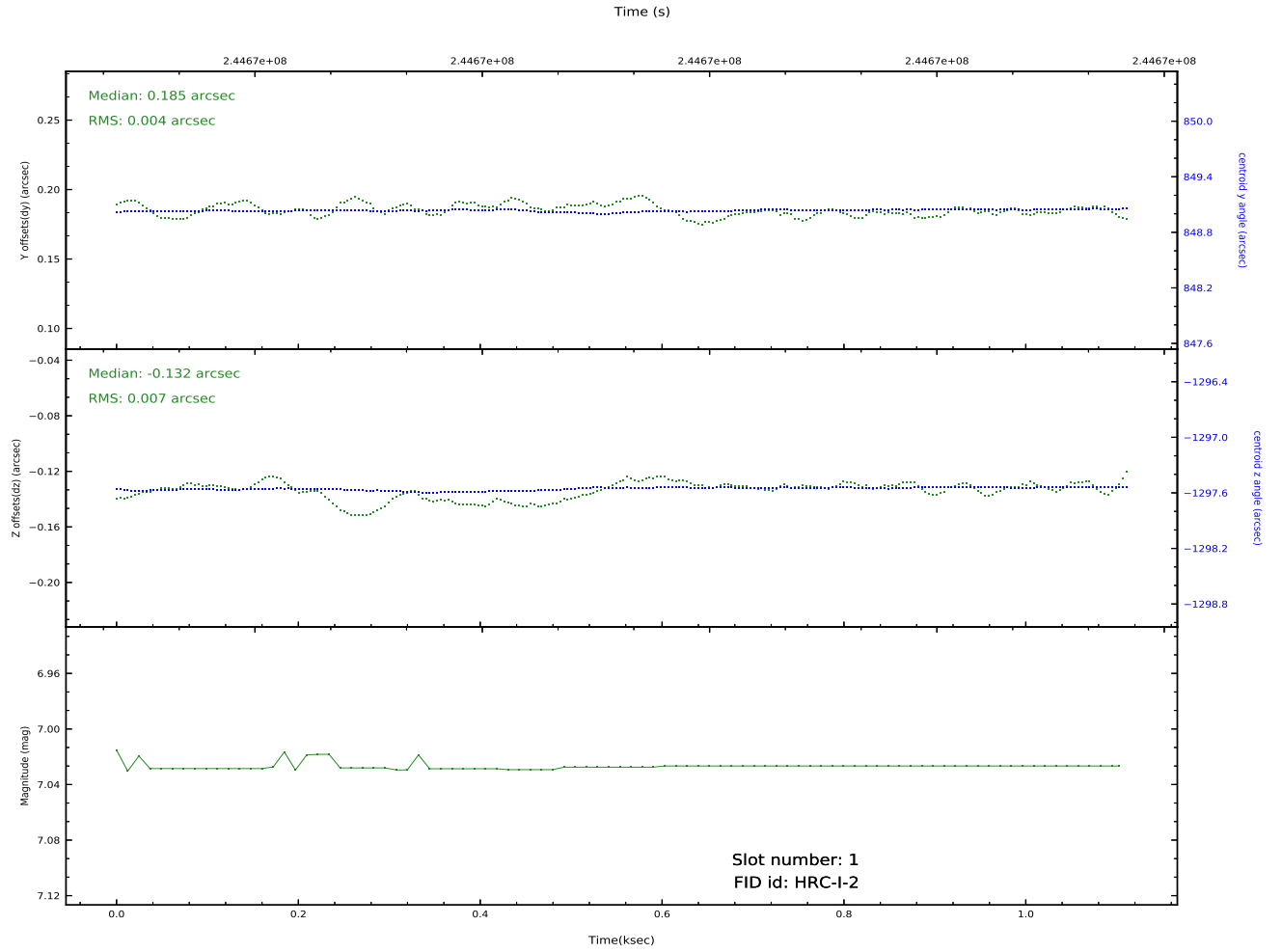
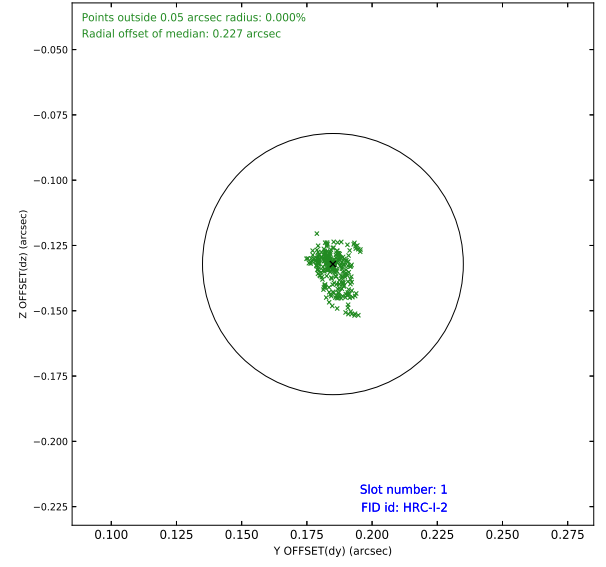
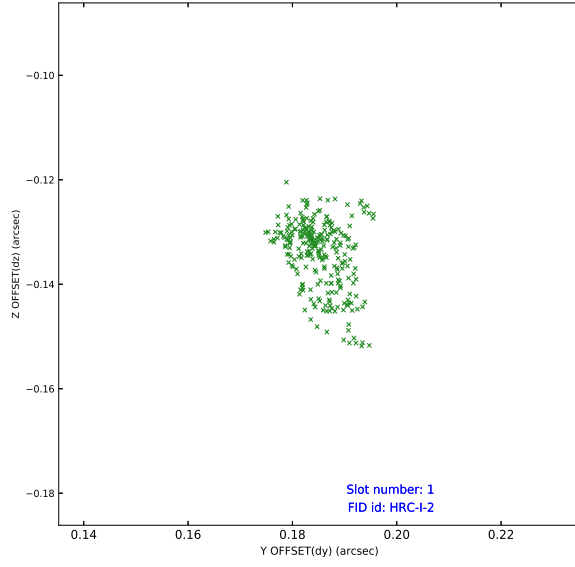


2.5 FID Slots

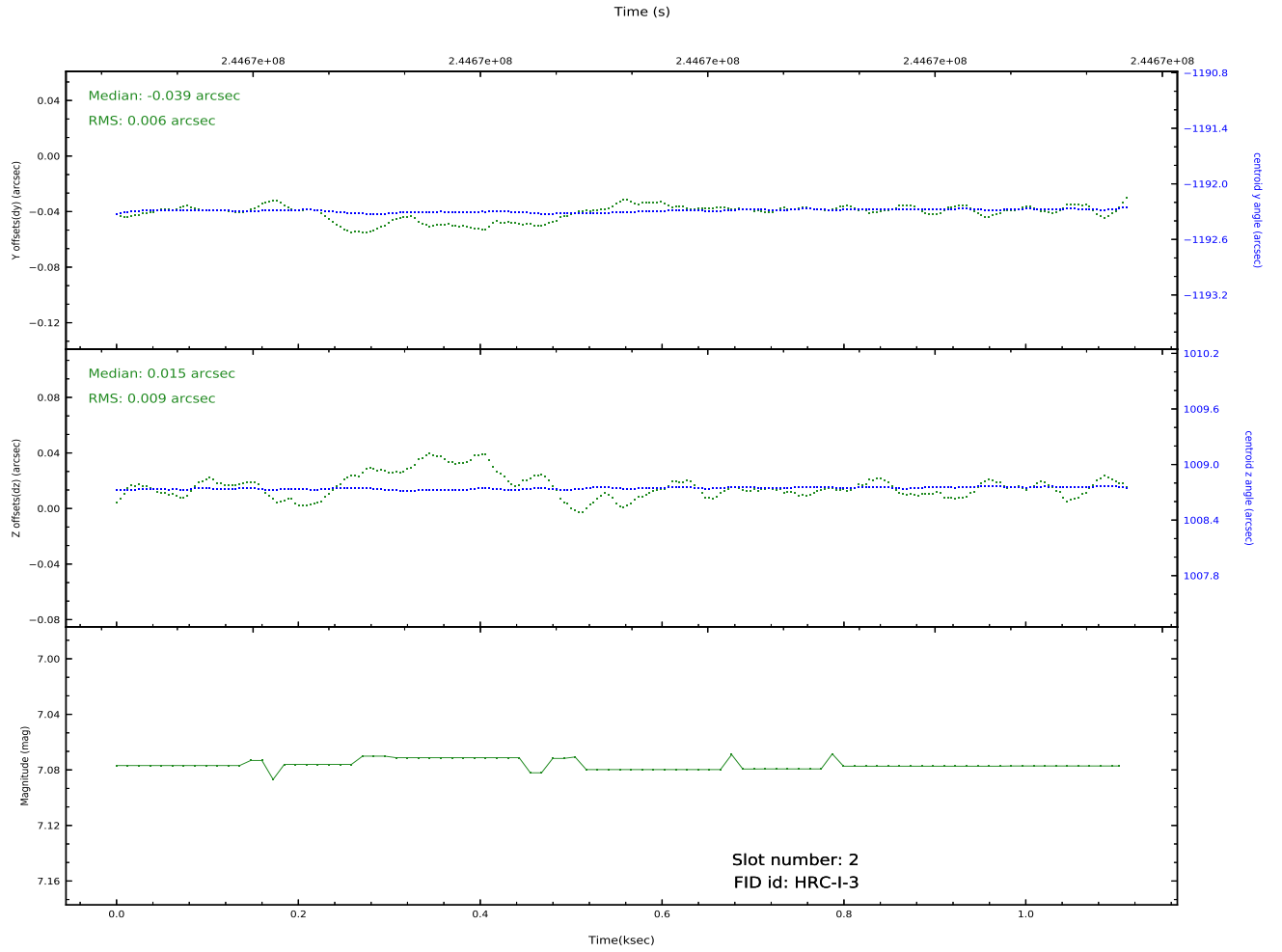
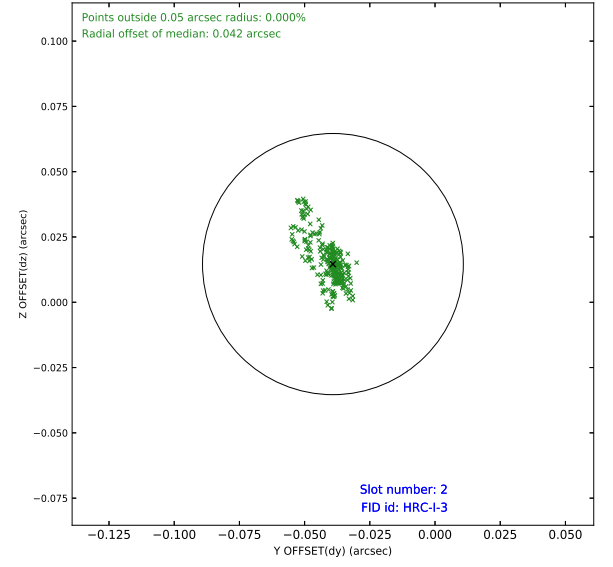
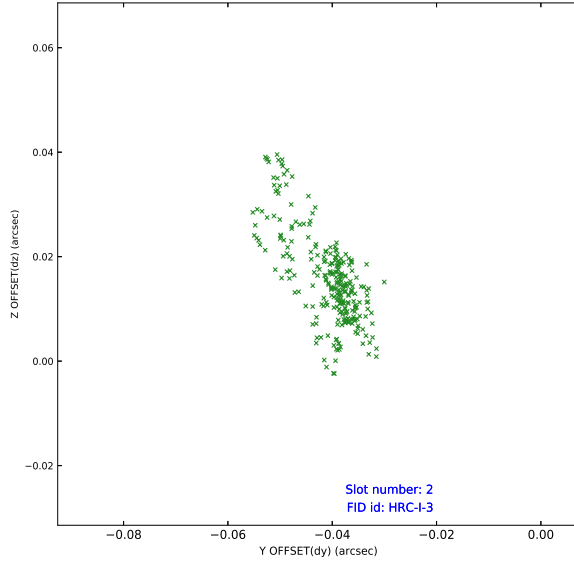
2.5.1 Slot 0



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)	2020.10.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.112381

A.2 Comments