

V&V Reference Report

L2 ASCDS Version : 10.9.1

Observation 5987 - L2 Version 5
Chandra X-Ray Center

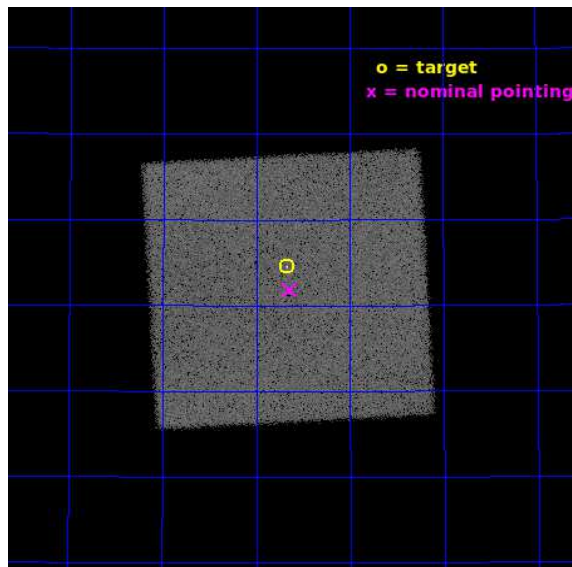
L2 Processing Date : Oct 10 2020

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1 Front

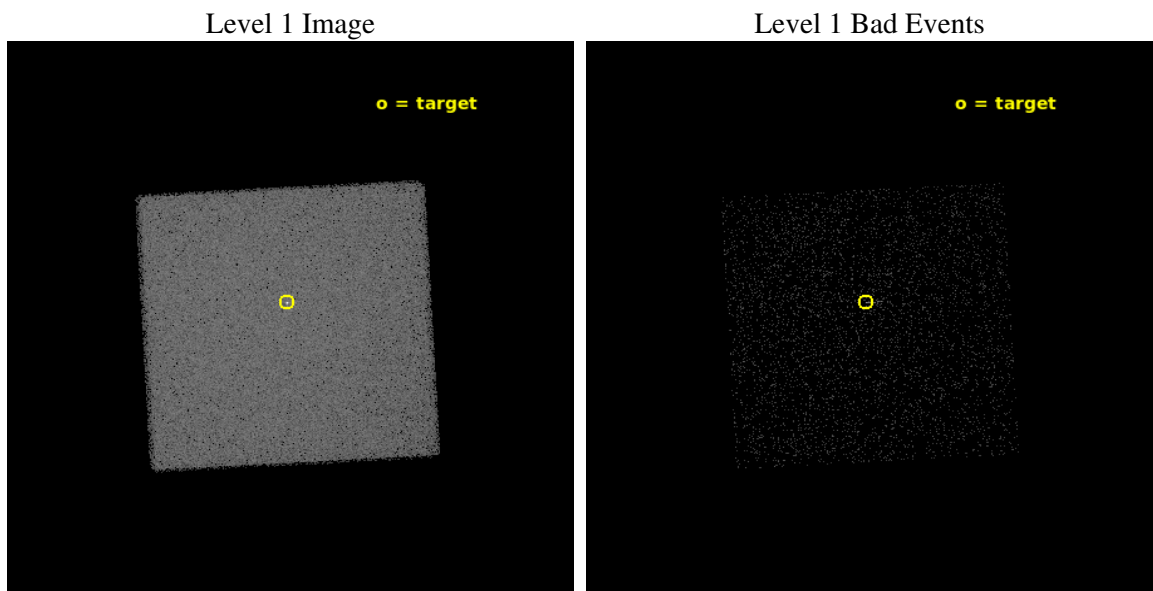
seq_num	290479	Sequence number
obs_id	5987	Observation id
title	AO6 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.16027502796	Nominal RA [deg]
dec_nom	45.697550359903	Nominal Dec [deg]
roll_nom	221.87181382852	Nominal Roll [deg]
revision	5	Processing version of data
ontime	1177.9813041687	[s]
livetime	226.44247481826	Ontime multiplied by DTCOR
l2events	168814	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	1000.000000	[s] Scheduled observation exposure time
ascdsver	10.9.1	Processing system revision	ontime	1177.9813041687	[s]
caldbver	4.9.2	 	l1events	278208	Number of level 1 events
date	2020-10-10T14:03:18	Date and time of file creation			
revision	5	Processing version of data			

2.1.3 Events

Level 1 Events

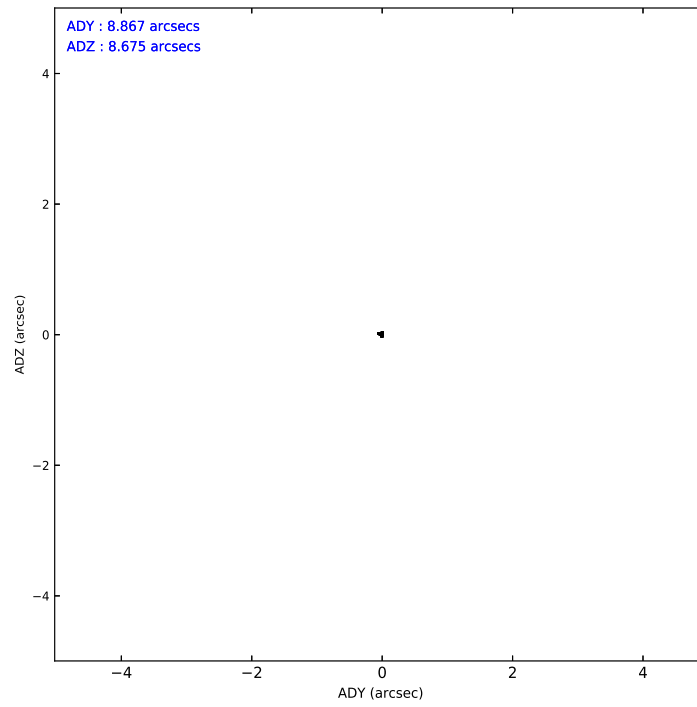
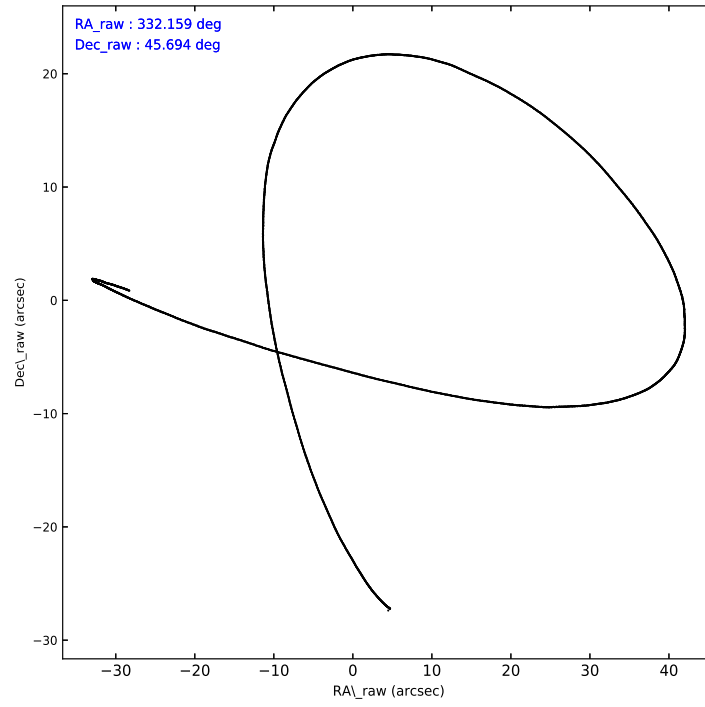
	segment 0
level 1 events	278208
rejected events	60906
rejected %	21%

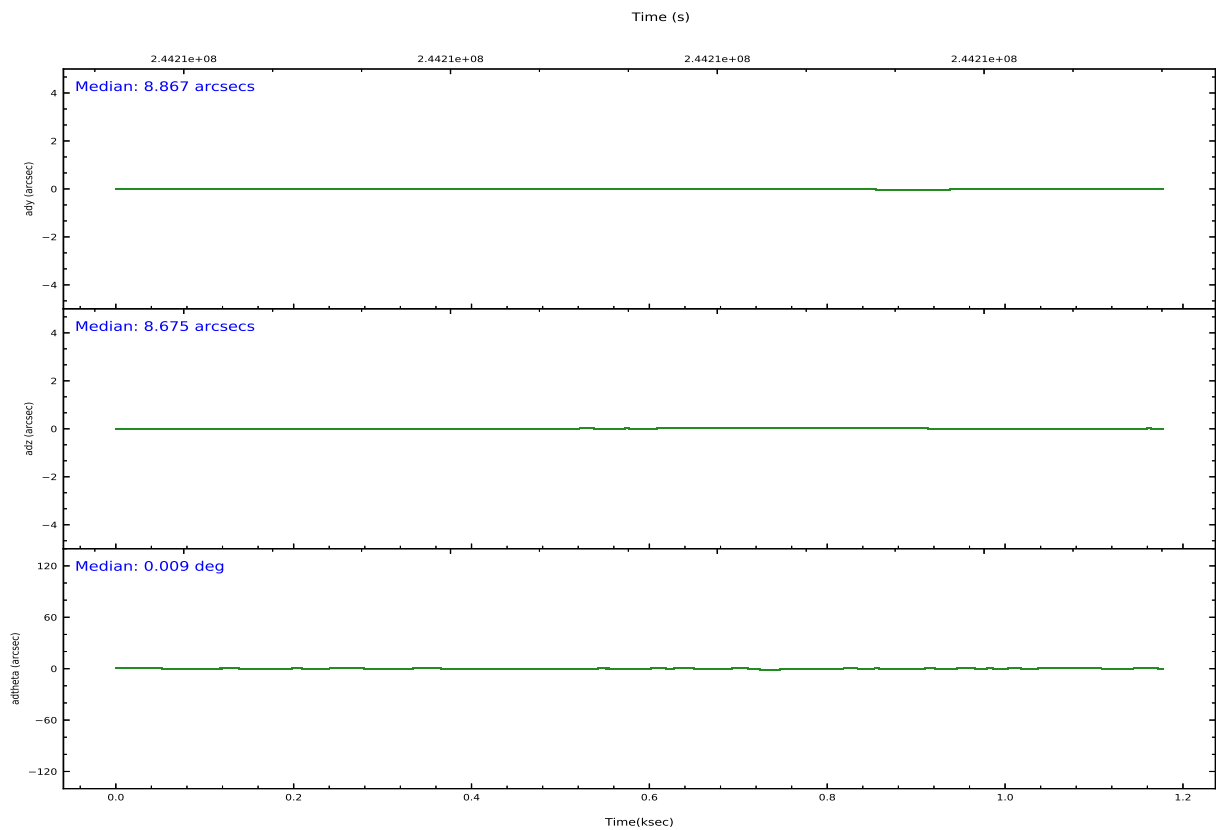
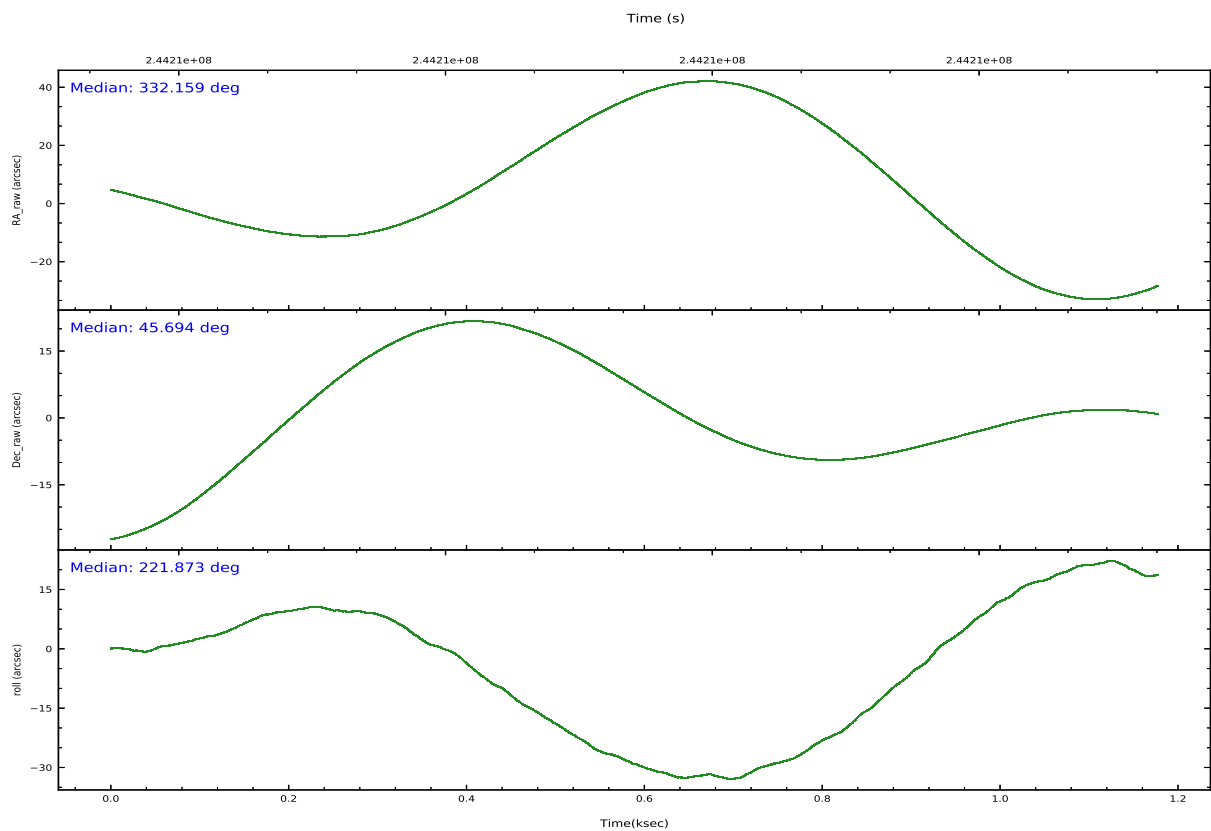
2.2 Compared Parameters

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	332.172015	332.16027502796
[deg] Pointing Dec	45.719811	45.697550359903
[deg] Pointing Roll	221.968156	221.87181382852
[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)	244211302.184000	244210926.43514
Observation start date	2005-09-27T12:27:18	2005-09-27T12:22:06
[s] Observation end time (MET)	244212302.184000	244212436.26021
Observation end date	2005-09-27T12:43:58	2005-09-27T12:47:16

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

2.3 Aspect



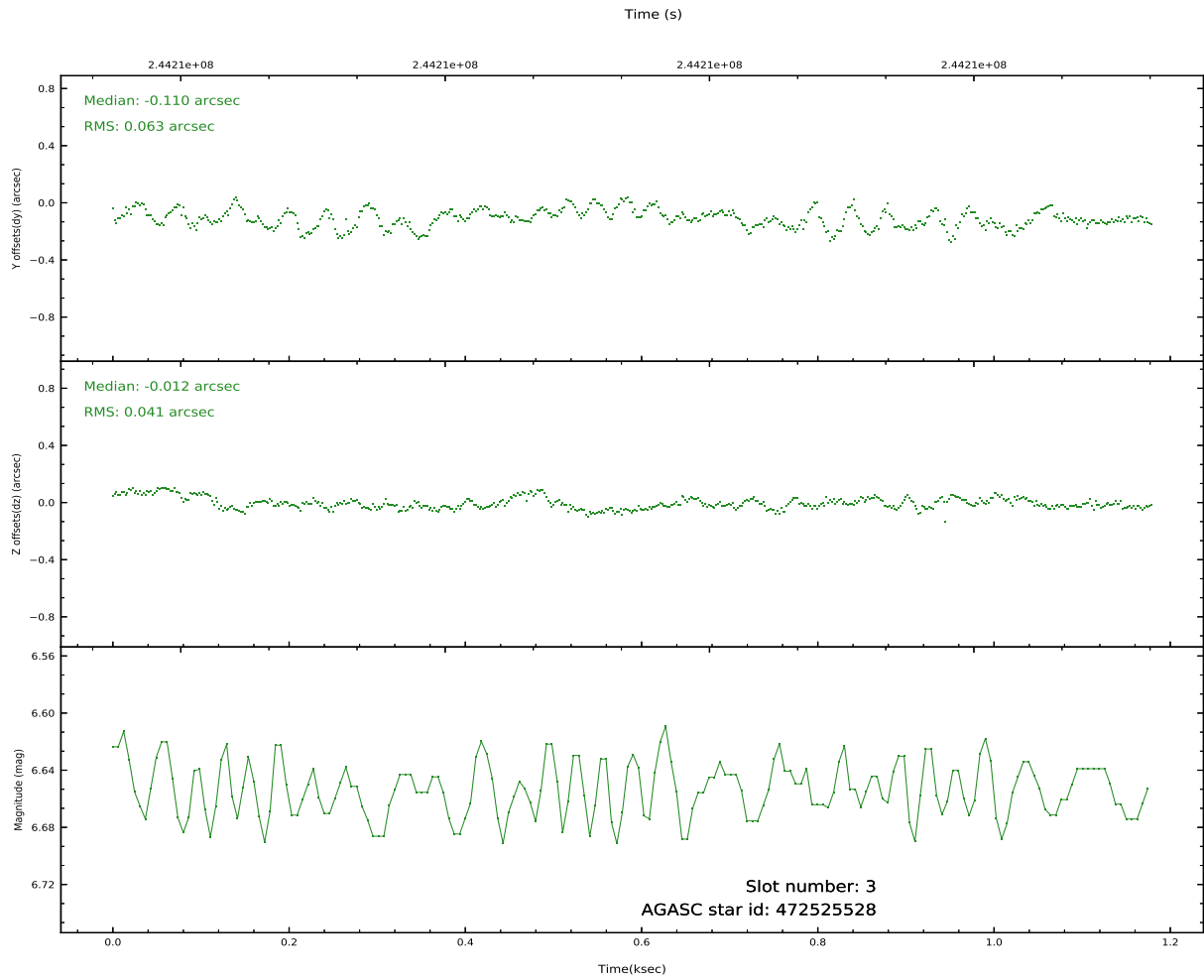
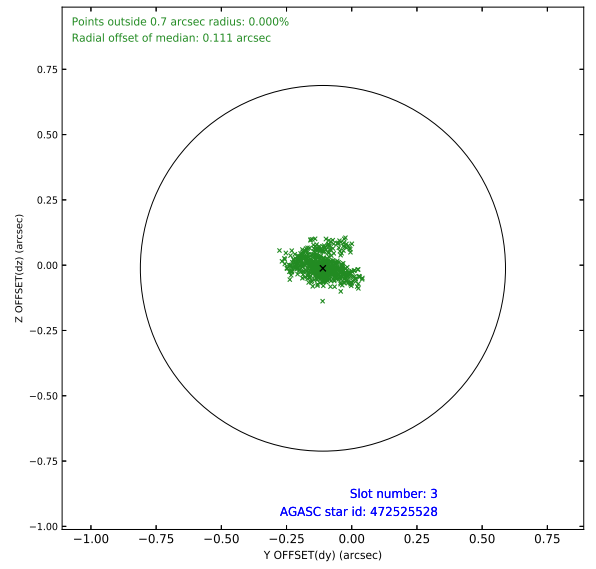
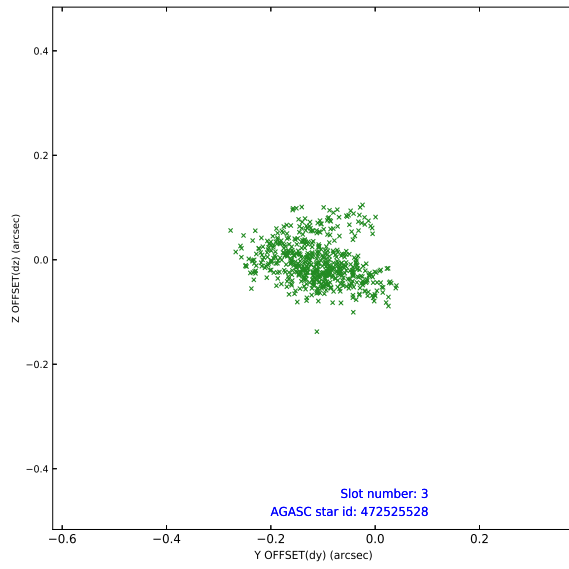


Slot Statistics

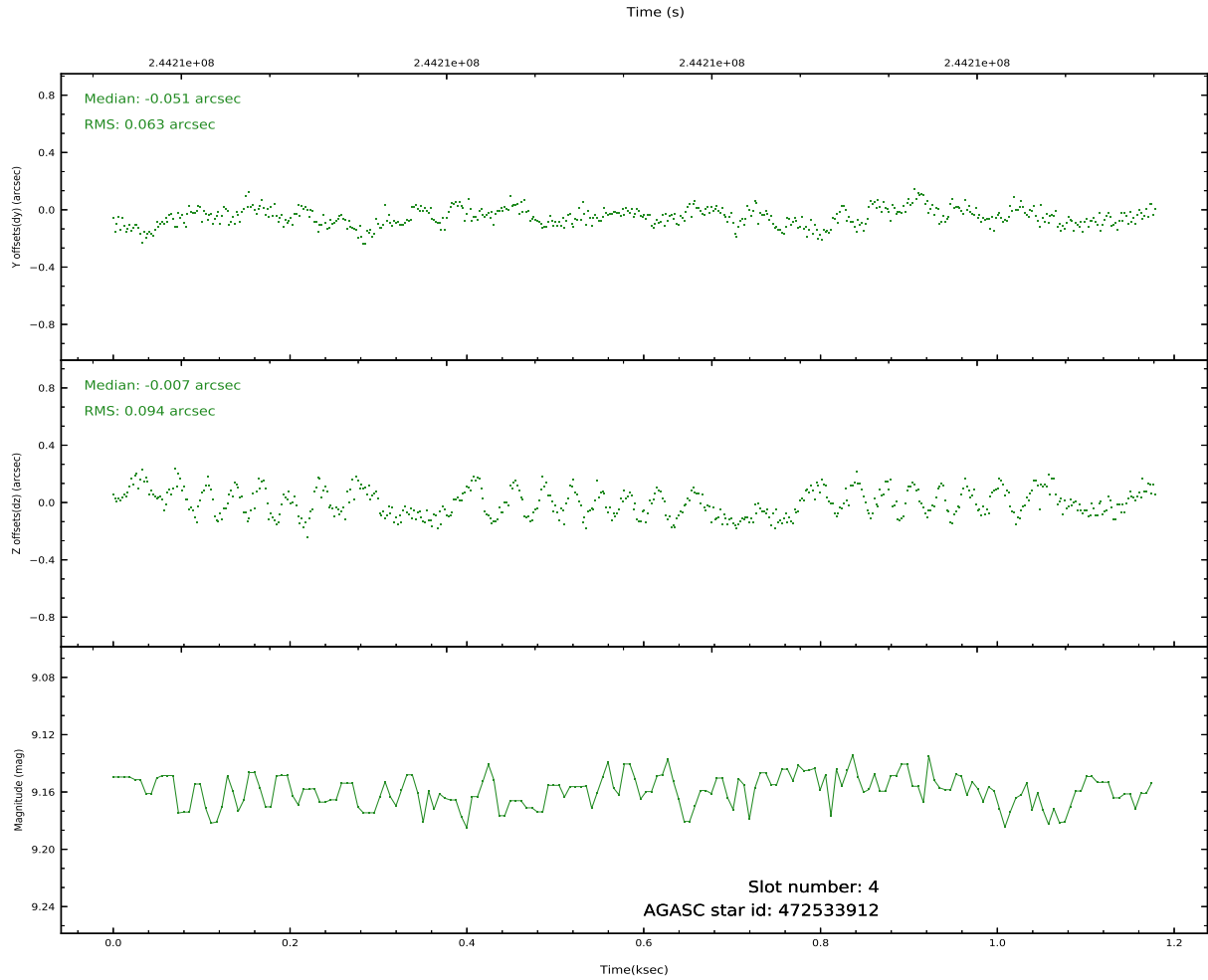
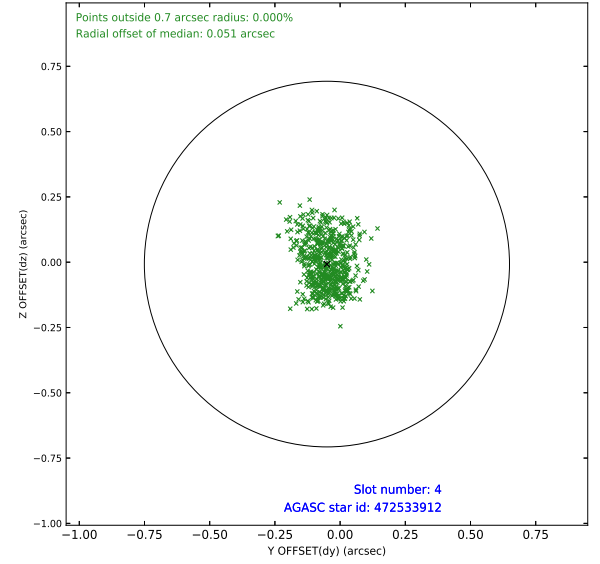
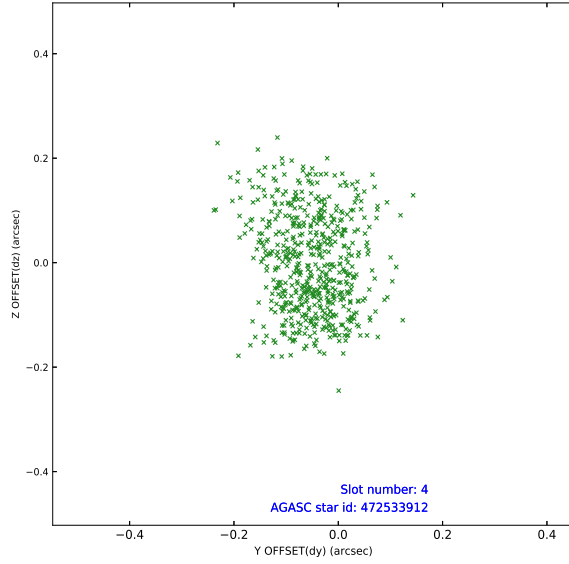
pt	status	used	id	mag	n_pts	frac_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mea
0	FID		HRC-I-1	6.98	288	1.000	-0.033	0.040	0.008	0.013	0.000000	0.000000	-764.53	-1296
1	FID		HRC-I-2	7.02	288	1.000	0.185	-0.127	0.006	0.013	0.000000	0.000000	845.66	-1302
2	FID		HRC-I-3	7.07	288	1.000	-0.033	-0.001	0.006	0.013	0.000000	0.000000	-1190.08	1003
3	GUIDE	used	472525528	6.65	576	1.000	-0.110	-0.012	0.081	0.131	331.551102	45.248694	2298.77	206
4	GUIDE	used	472533912	9.16	576	1.000	-0.051	-0.007	0.121	0.190	331.791136	46.368695	-857.40	-2369
5	GUIDE	used	472655152	9.43	576	1.000	-0.055	-0.076	0.119	0.368	332.504239	45.862991	-967.83	170
6	GUIDE	used	472661712	10.01	576	1.000	0.209	-0.019	0.134	0.245	331.914954	46.059715	-344.16	-1337
7	GUIDE	used	472665256	9.01	575	1.000	0.015	0.117	0.079	0.123	332.808125	46.195041	-2328.62	-217

2.4 Star Slots

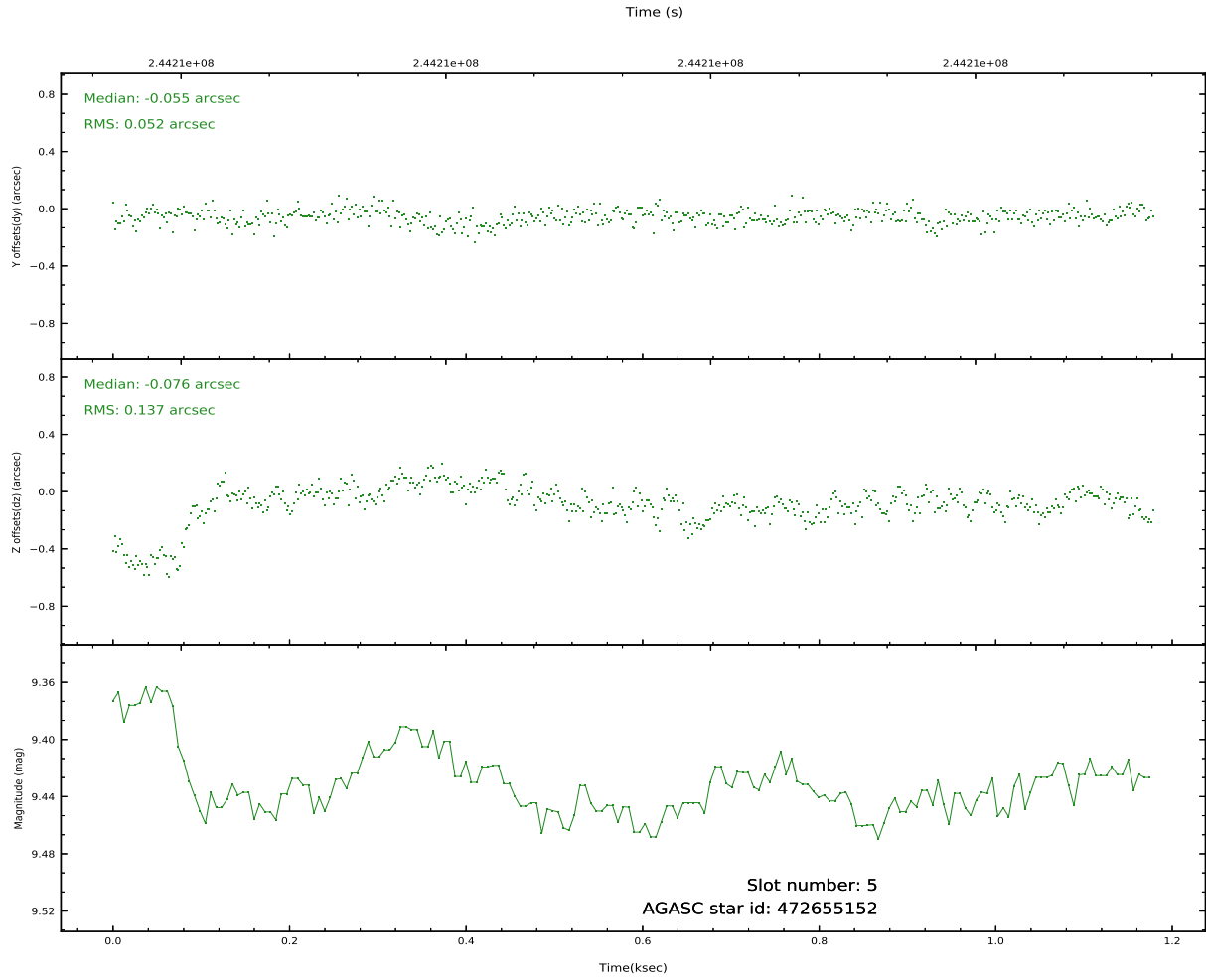
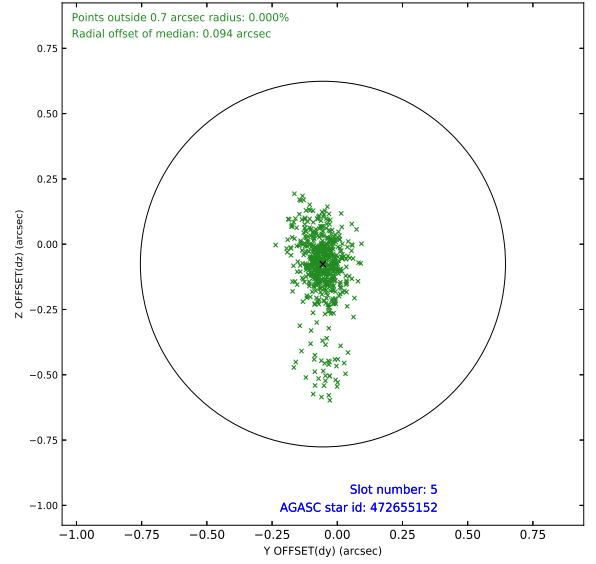
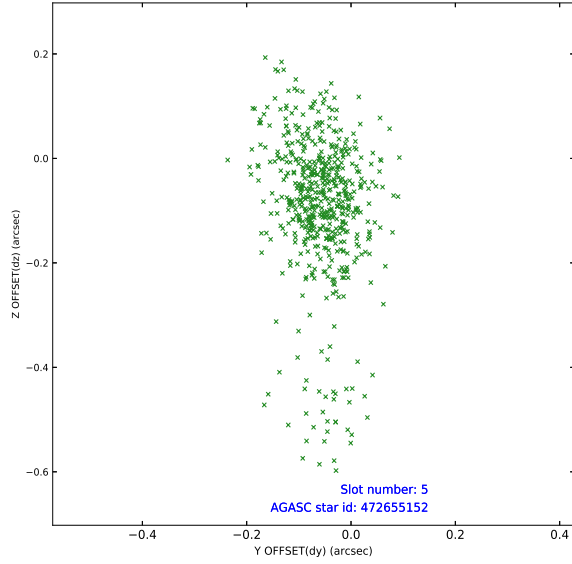
2.4.1 Slot 3



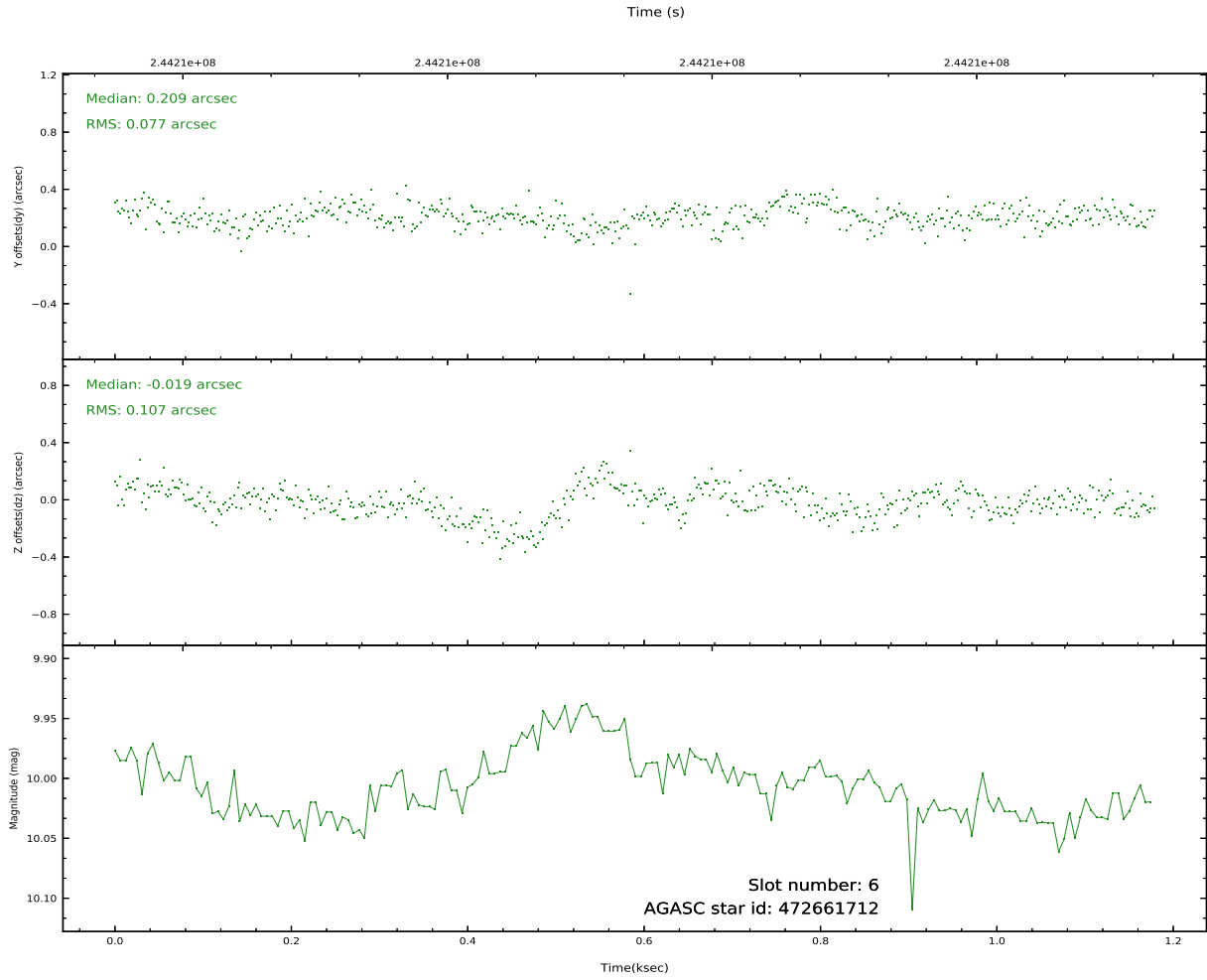
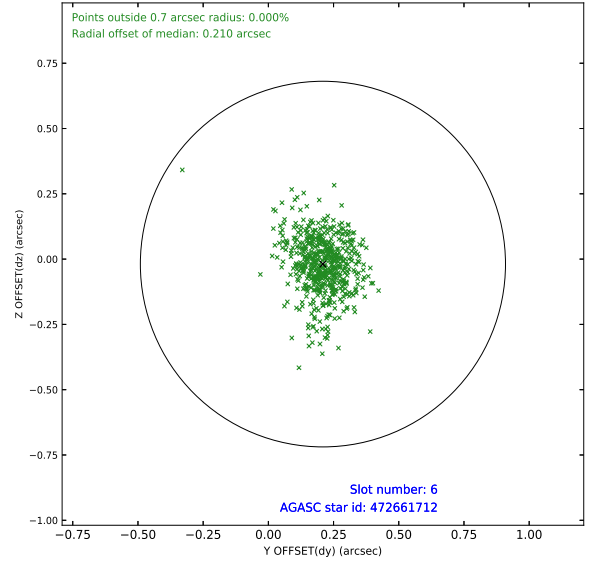
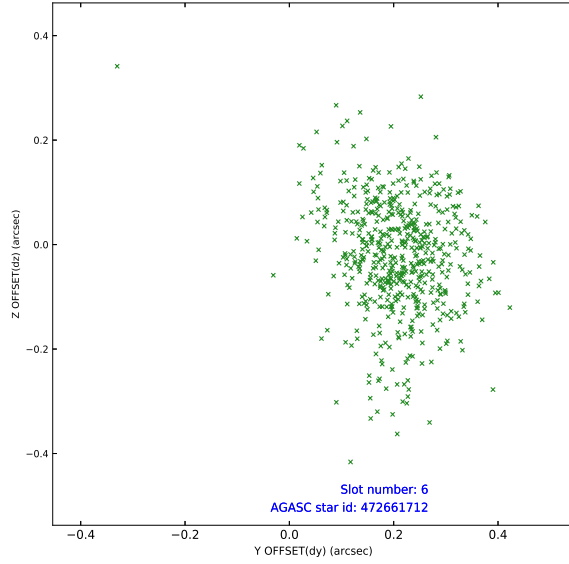
2.4.2 Slot 4



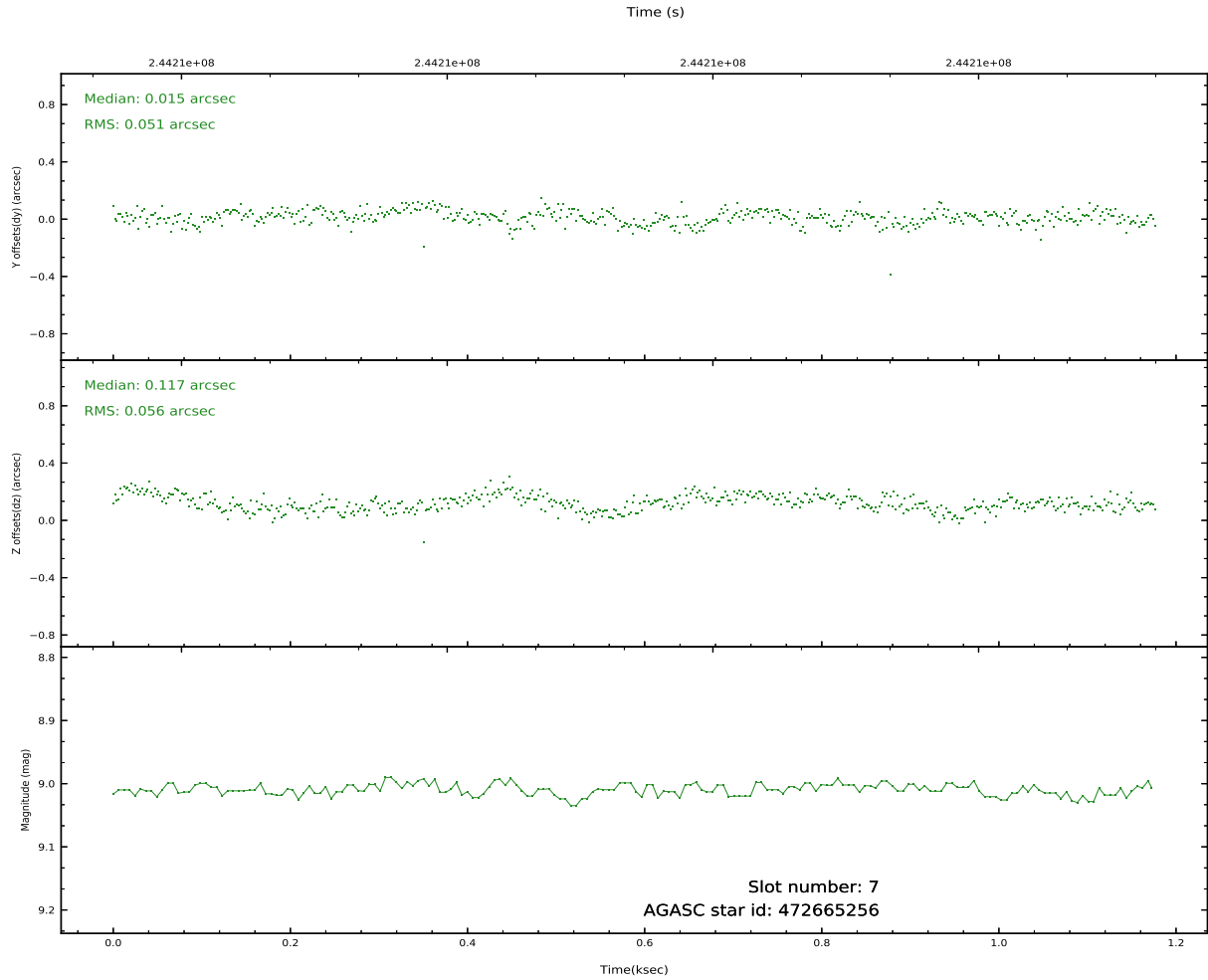
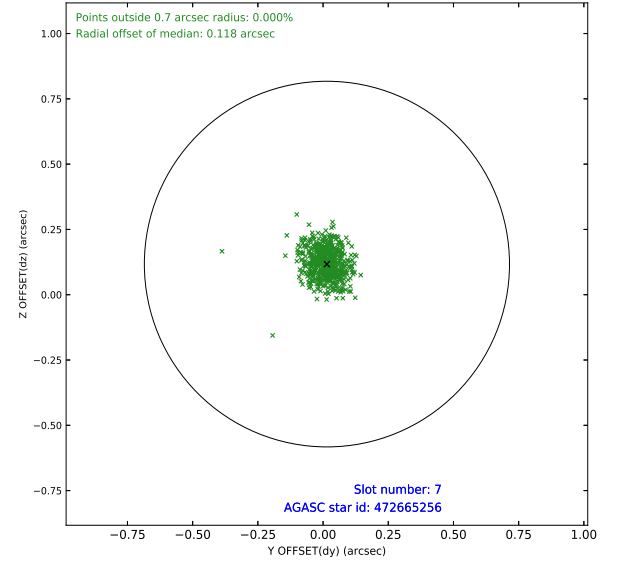
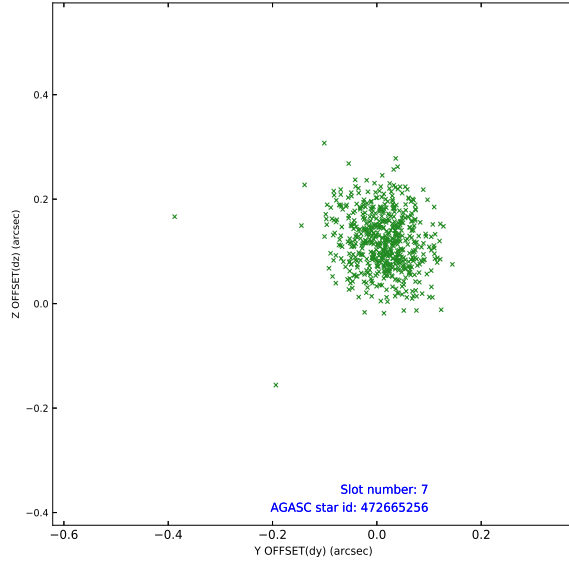
2.4.3 Slot 5



2.4.4 Slot 6

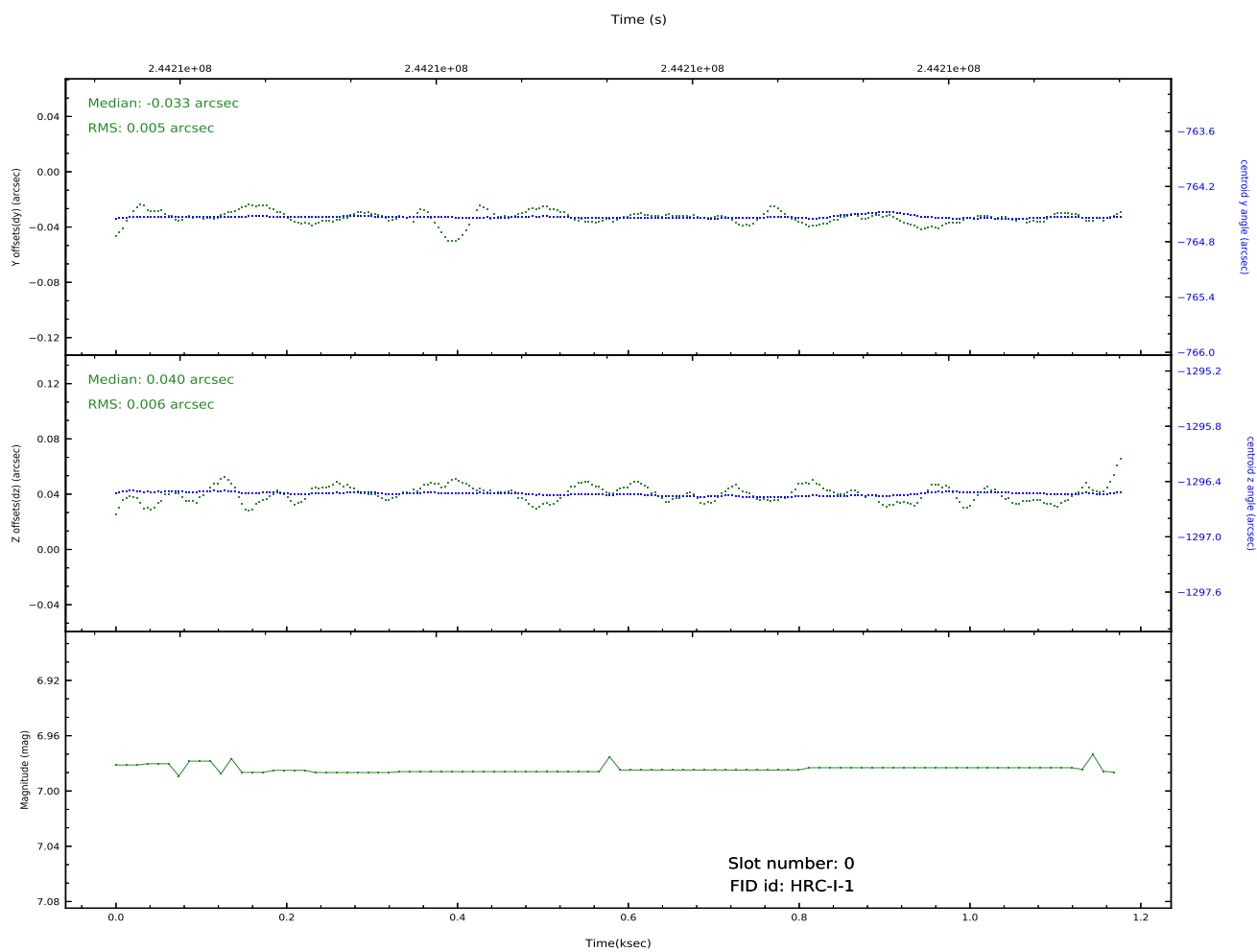
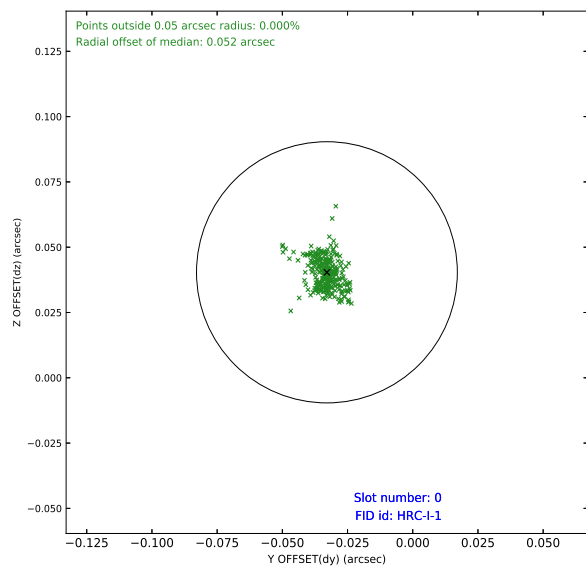
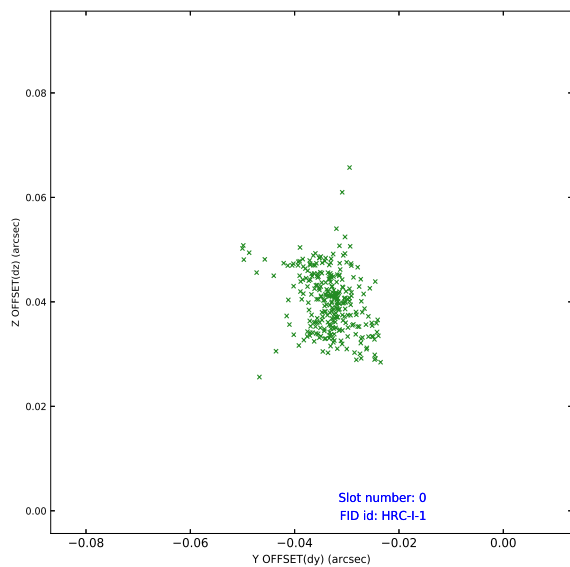


2.4.5 Slot 7

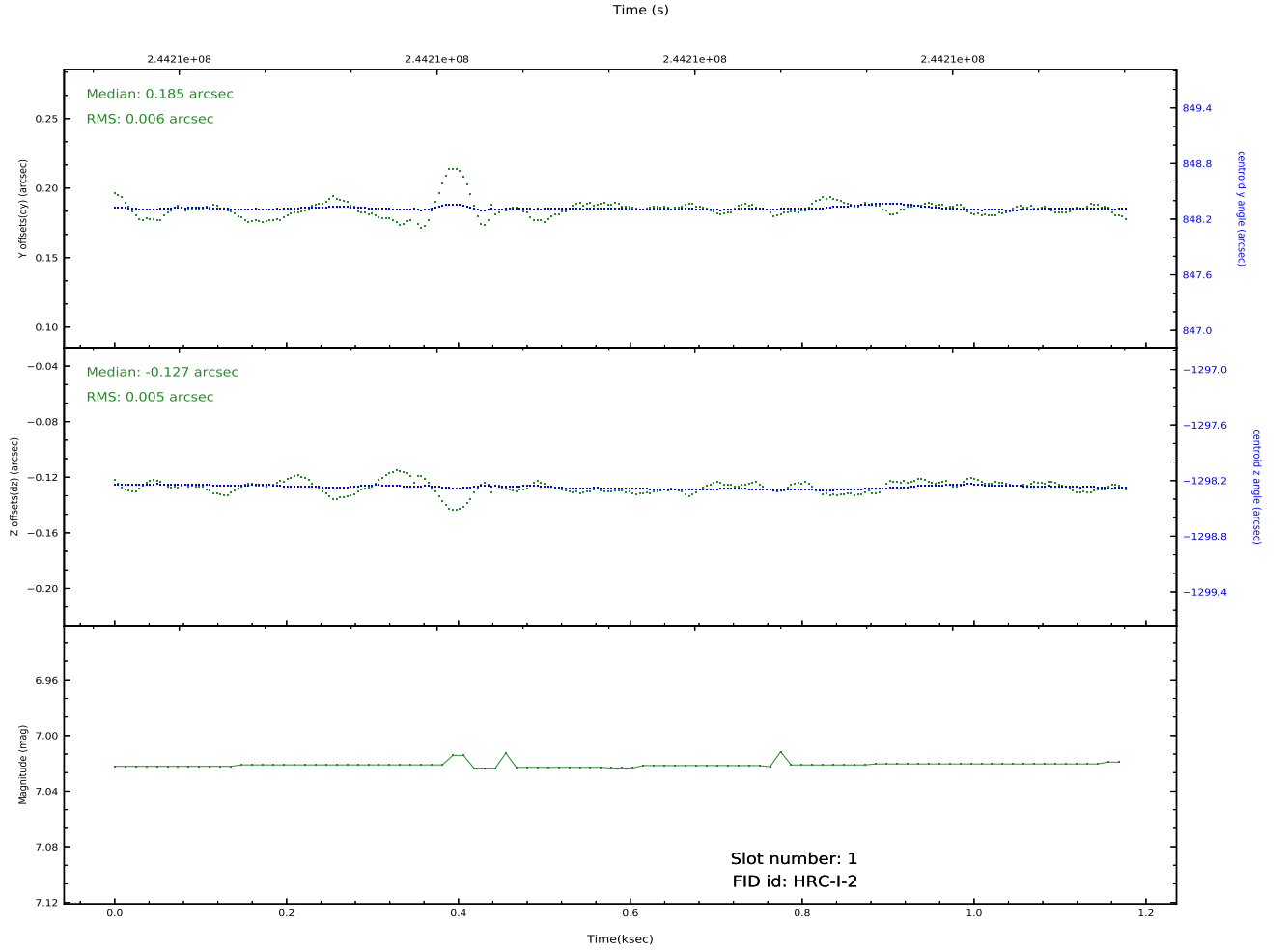
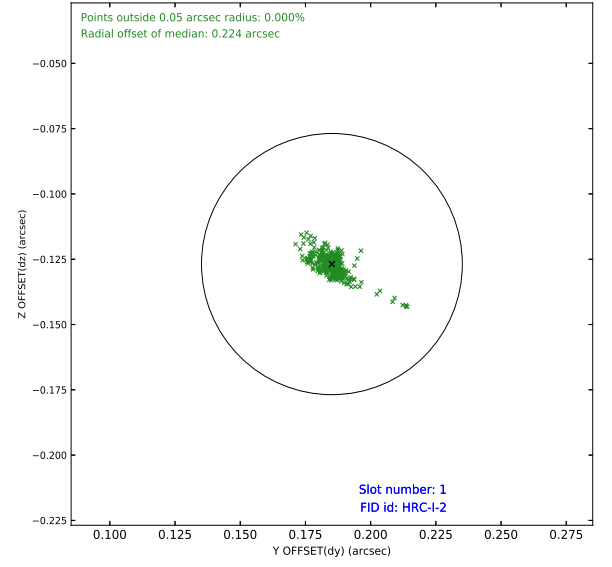
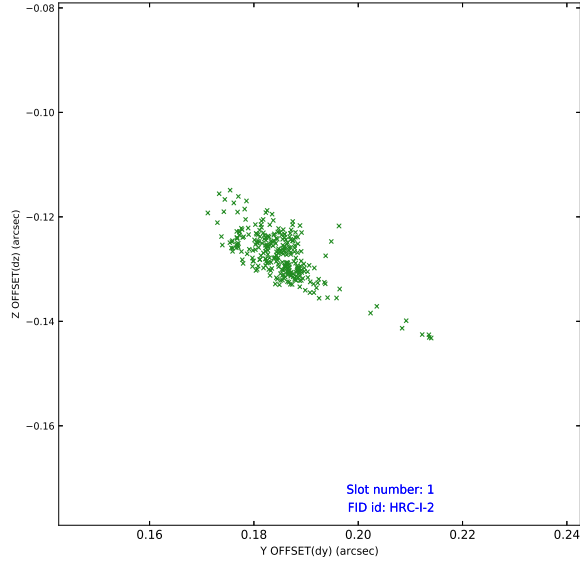


2.5 FID Slots

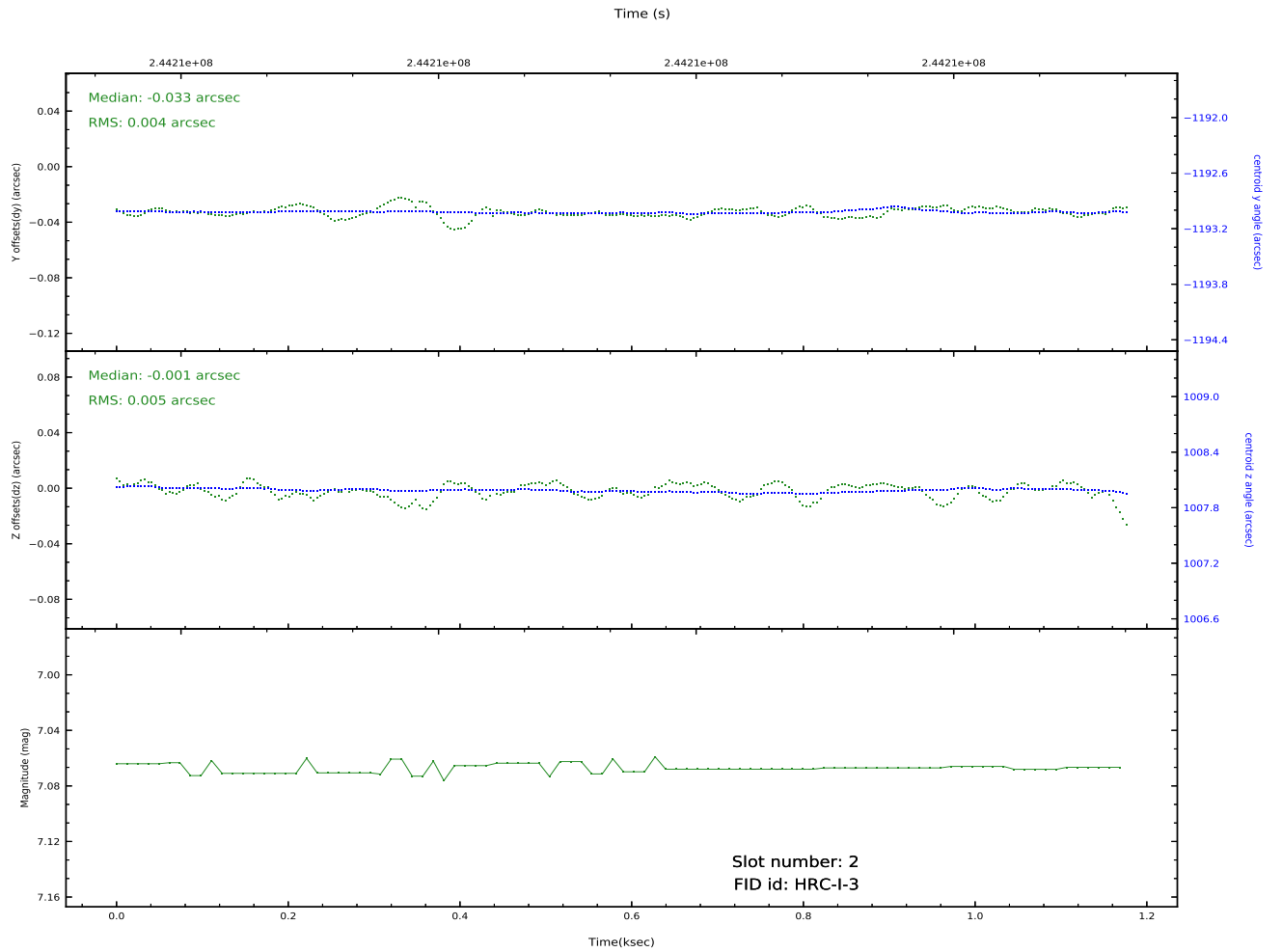
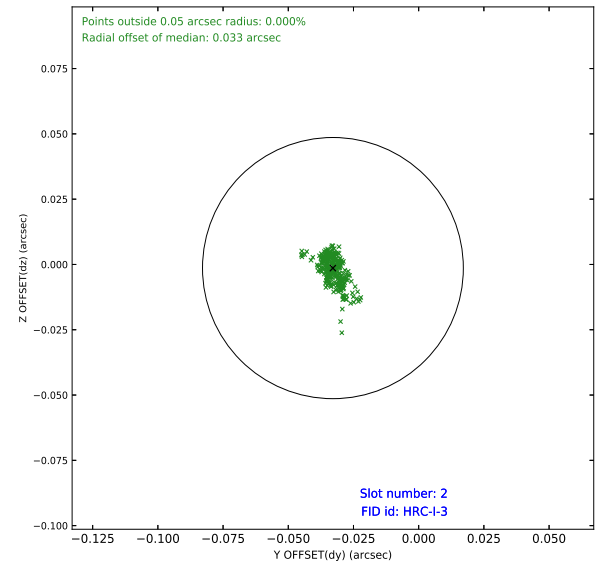
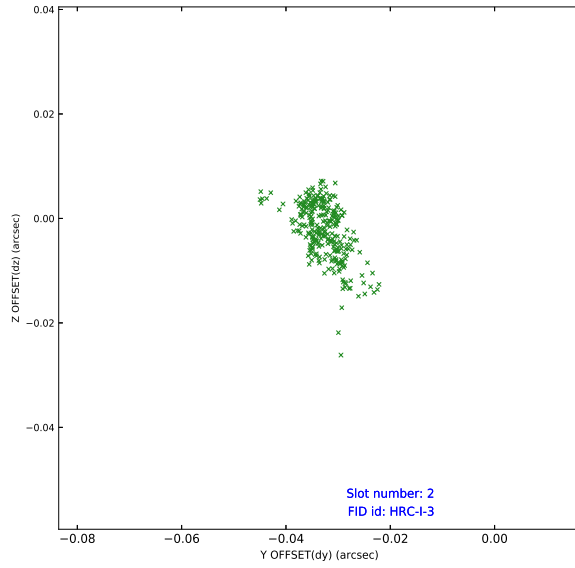
2.5.1 Slot 0



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)	2020.10.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.177725

A.2 Comments