

V&V Reference Report

L2 ASCDS Version : 10.9.1

Observation 5998 - L2 Version 5
Chandra X-Ray Center

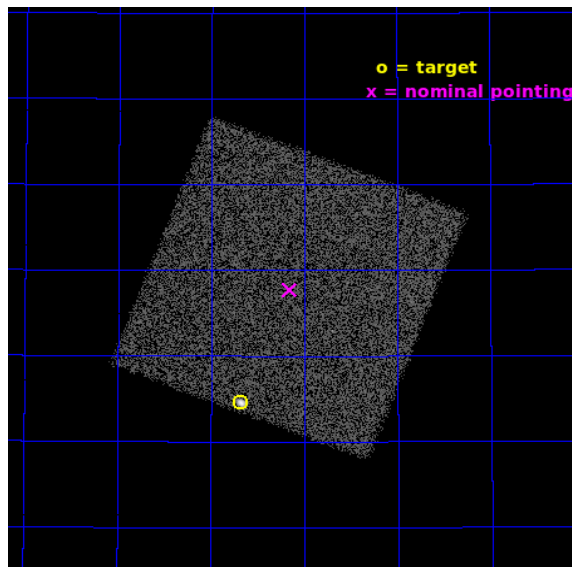
L2 Processing Date : Oct 10 2020

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1 Front

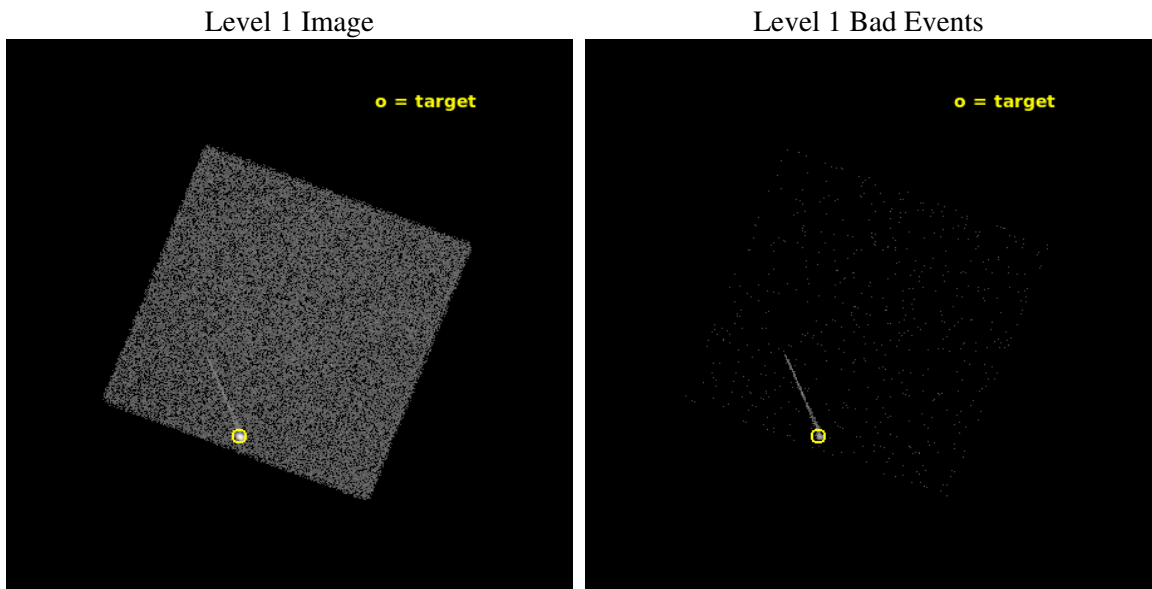
seq_num	290490	Sequence number
obs_id	5998	Observation id
title	AO6 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.0387261197	Nominal RA [deg]
dec_nom	45.962420330067	Nominal Dec [deg]
roll_nom	246.25917456102	Nominal Roll [deg]
revision	5	Processing version of data
ontime	1188.2313047349	[s]
livetime	1179.2811041691	Ontime multiplied by DTCOR
l2events	50589	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	1188.2313047349	[s]
caldsver	4.9.2	 	l1events	94074	Number of level 1 events
date	2020-10-11T02:48:39	Date and time of file creation			
revision	5	Processing version of data			

2.1.3 Events

Level 1 Events

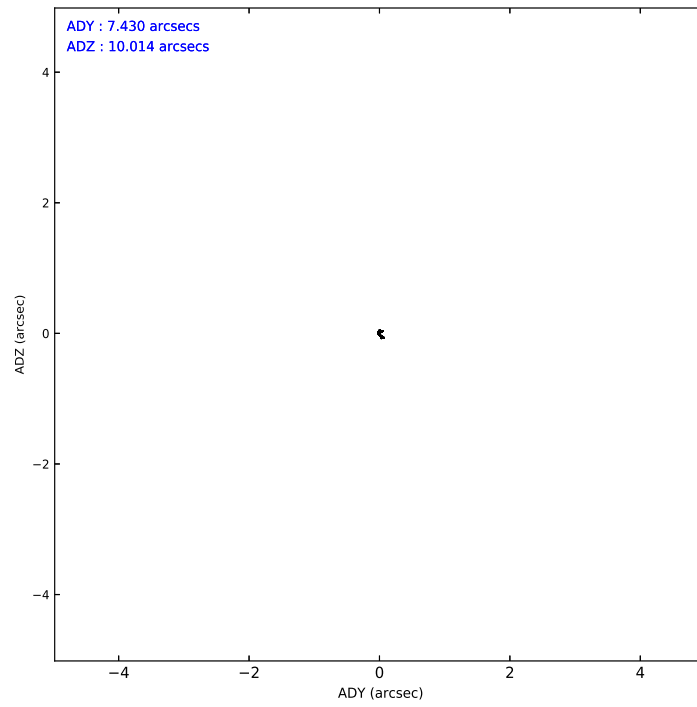
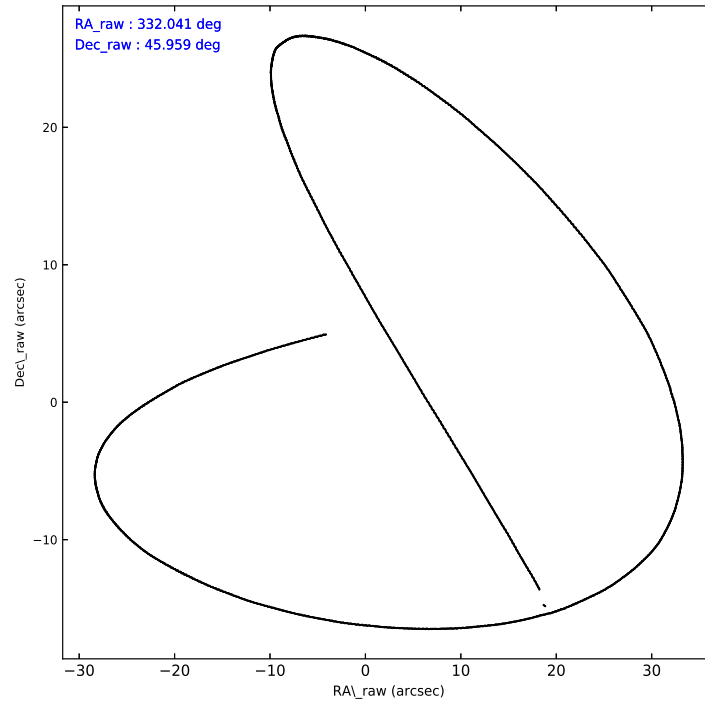
	segment 0
level 1 events	94074
rejected events	20296
rejected %	21%

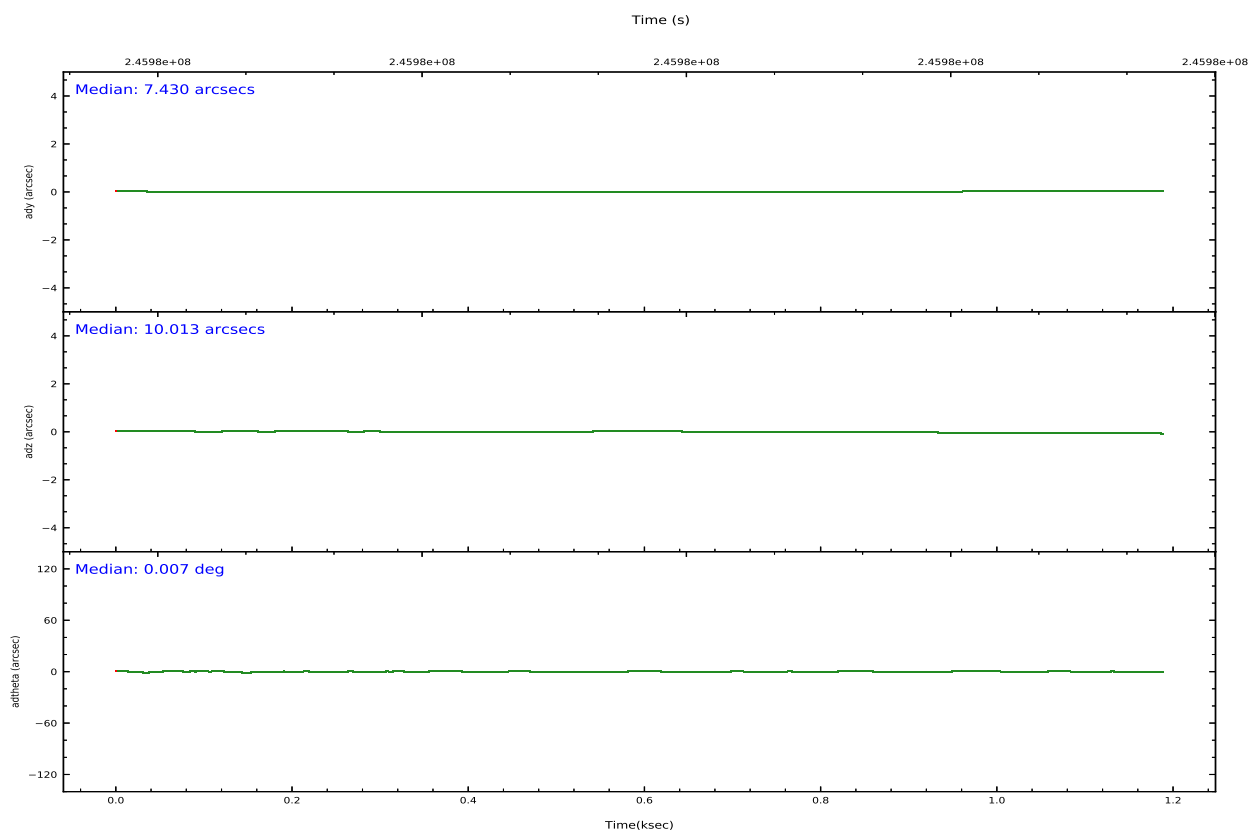
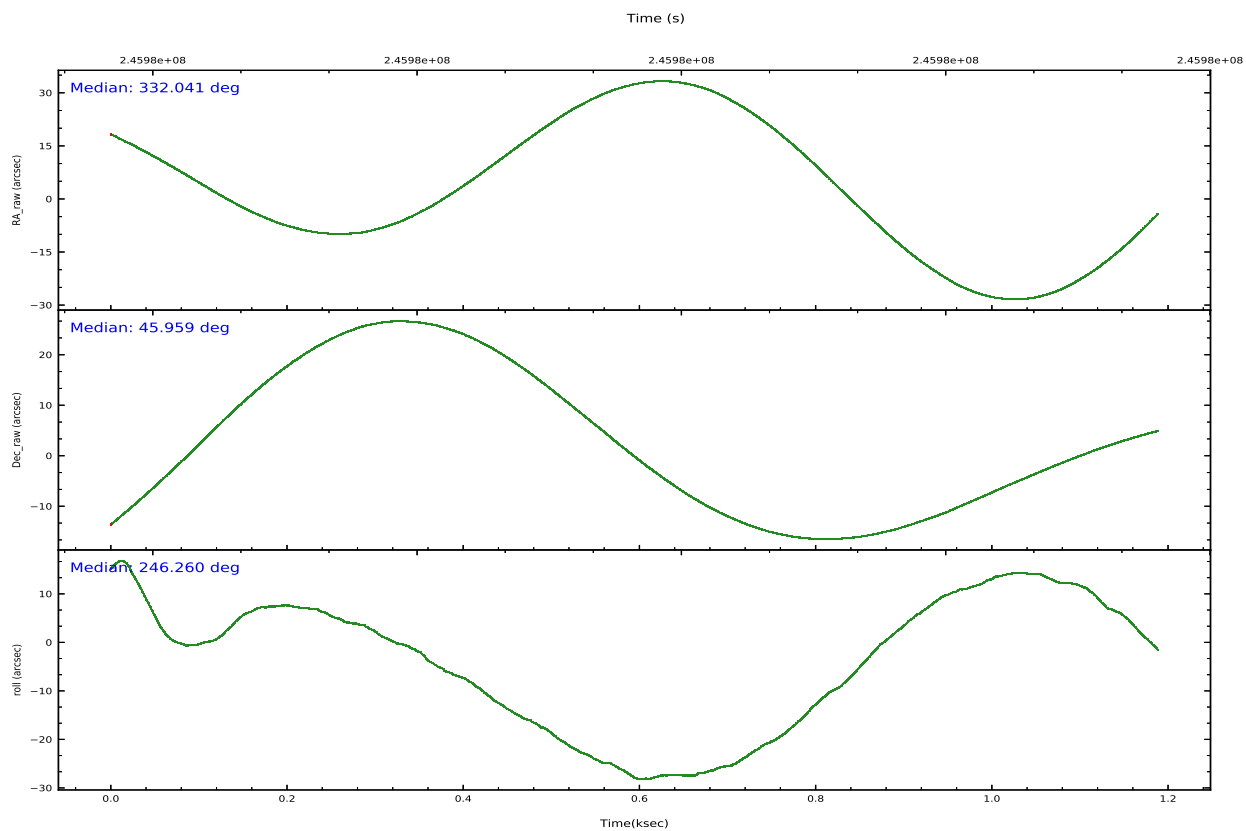
2.2 Compared Parameters

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	332.037437	332.0387261197
[deg] Pointing Dec	45.985864	45.962420330067
[deg] Pointing Roll	246.374161	246.25917456102
[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)	245975641.184000	245975265.67885
Observation start date	2005-10-17T22:32:57	2005-10-17T22:27:45
[s] Observation end time (MET)	245976641.184000	245976776.01642
Observation end date	2005-10-17T22:49:37	2005-10-17T22:52:56

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

2.3 Aspect



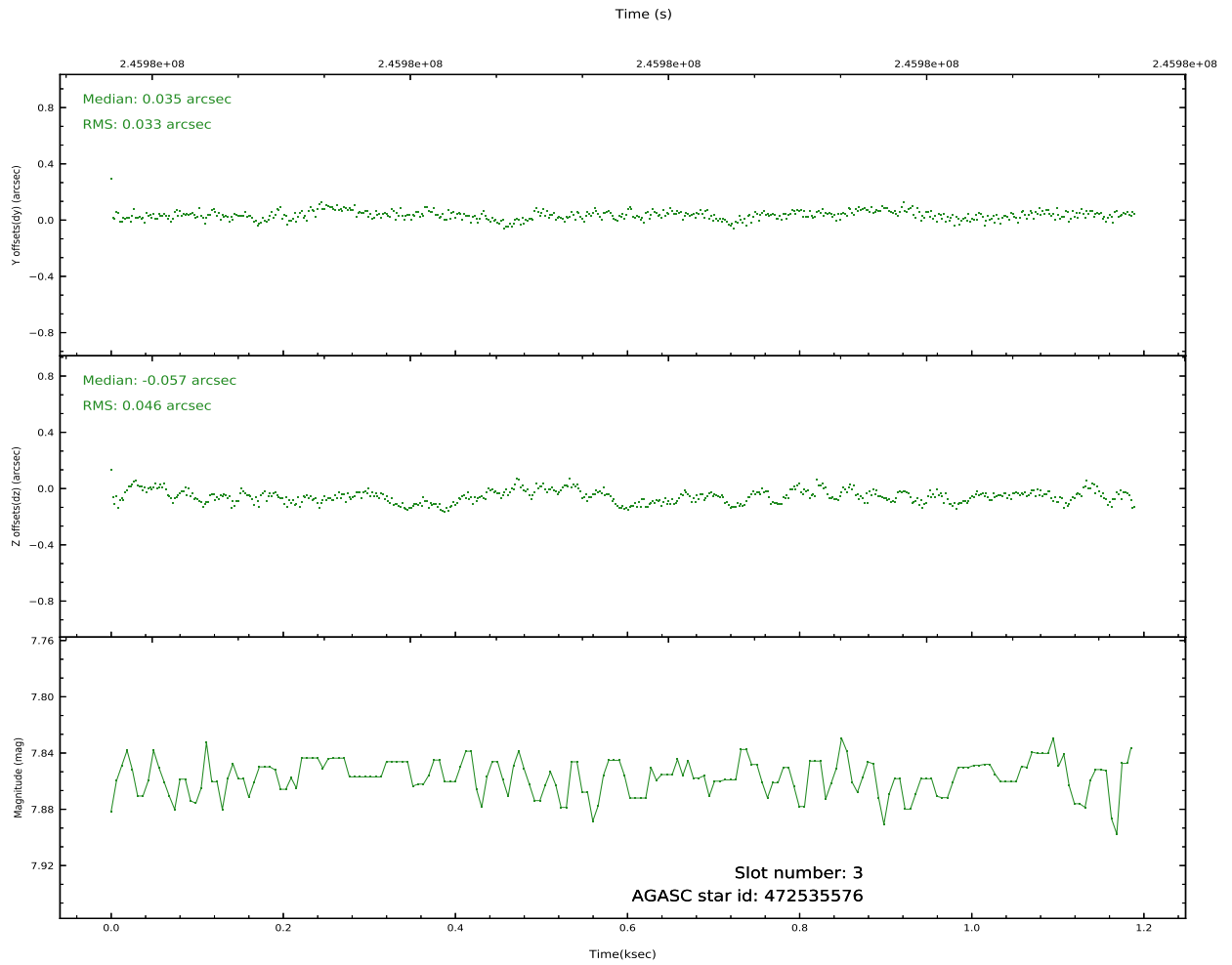
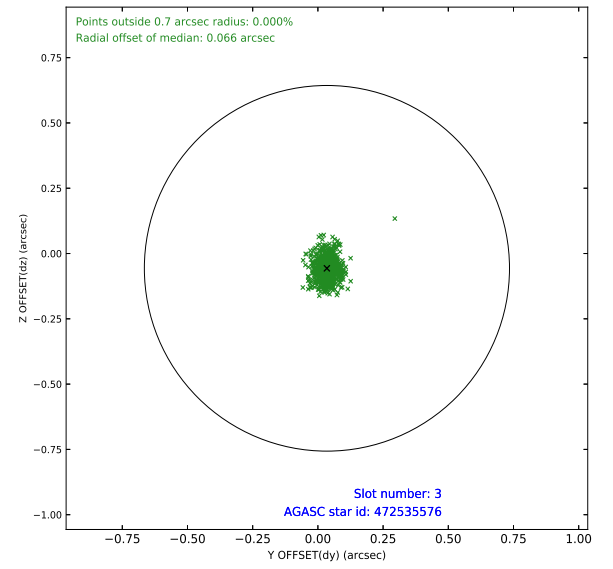
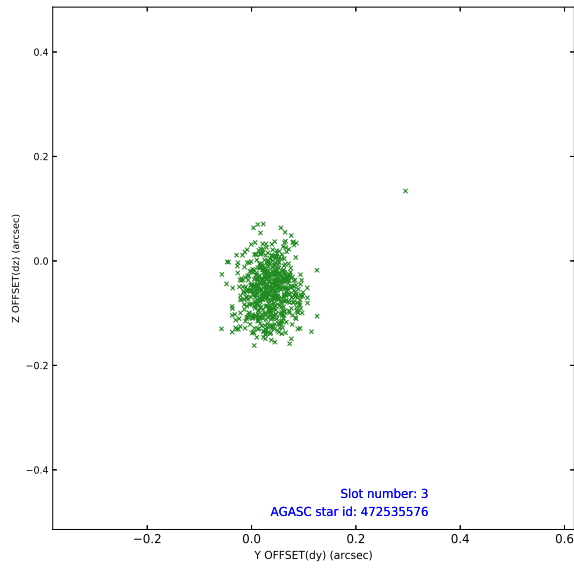


Slot Statistics

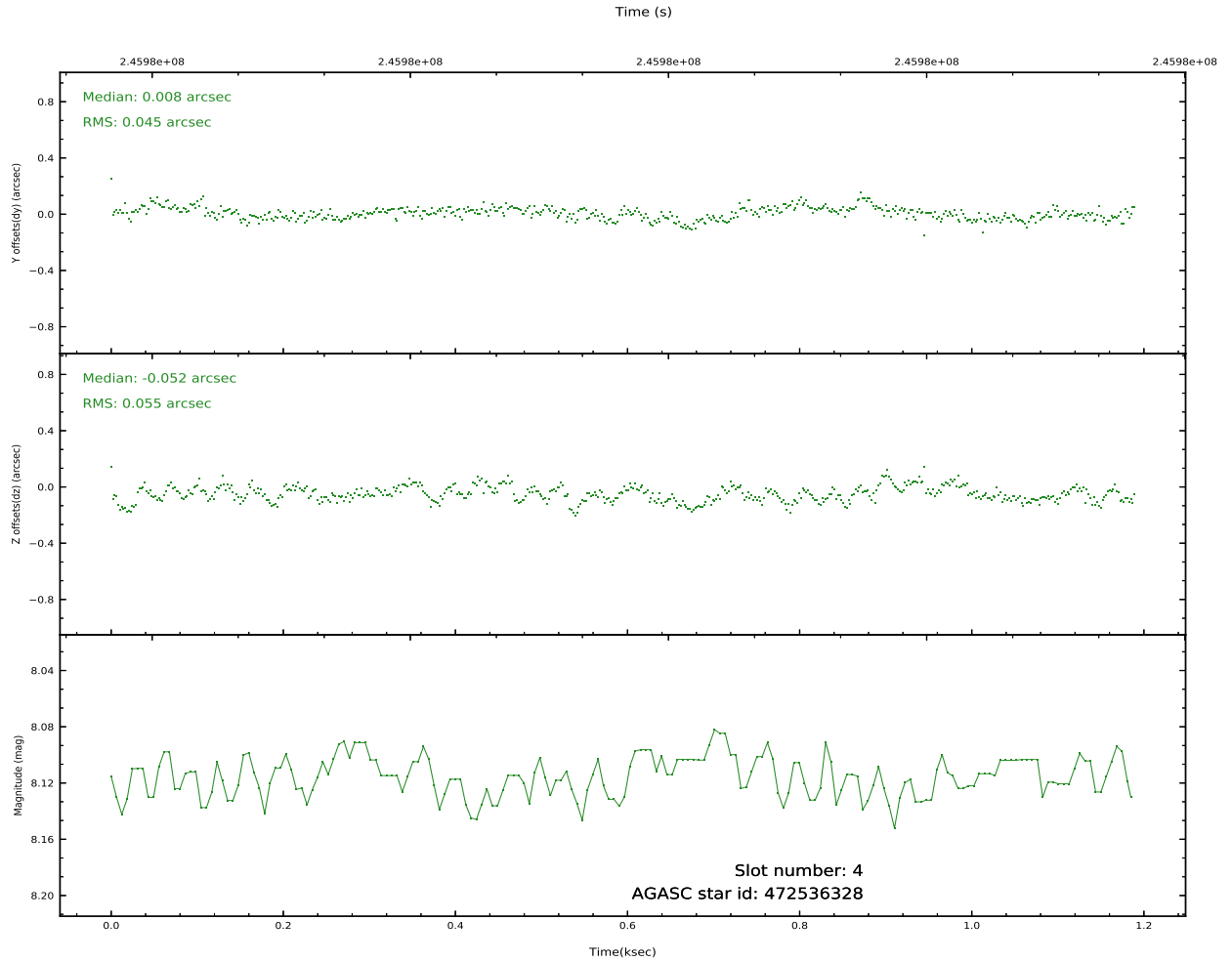
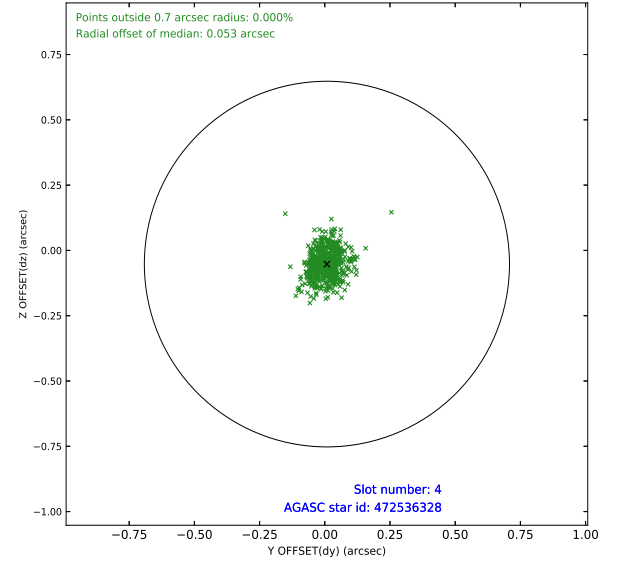
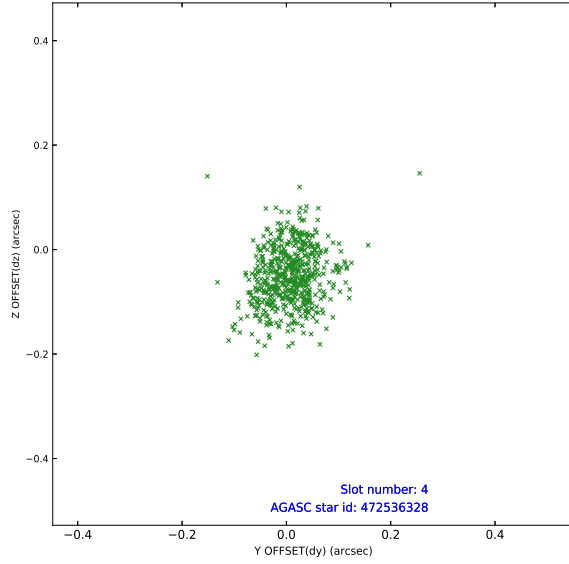
pt	status	used	id	mag	n_pts	frac_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mea
0	FID		HRC-I-2	7.06	291	1.000	0.039	-0.088	0.006	0.010	0.000000	0.000000	849.67	-1299
1	FID		HRC-I-3	7.10	291	1.000	-0.099	-0.019	0.006	0.011	0.000000	0.000000	-1188.72	1002
2	FID		HRC-I-4	7.04	291	1.000	0.179	0.021	0.006	0.010	0.000000	0.000000	1275.83	1007
3	GUIDE	used	472535576	7.86	581	1.000	0.035	-0.057	0.058	0.095	331.438373	46.291802	-416.89	-1805
4	GUIDE	used	472536328	8.11	581	1.000	0.008	-0.052	0.074	0.121	331.496671	46.454831	-1014.08	-1907
5	GUIDE	used	472537064	8.93	581	1.000	-0.080	0.028	0.099	0.155	331.323423	46.483499	-940.96	-2342
6	GUIDE	used	472655152	9.43	581	1.000	0.050	0.153	0.110	0.175	332.504239	45.862991	-68.80	1247
7	GUIDE	used	472665256	9.03	580	1.000	-0.016	-0.072	0.084	0.143	332.808125	46.195041	-1468.69	1459

2.4 Star Slots

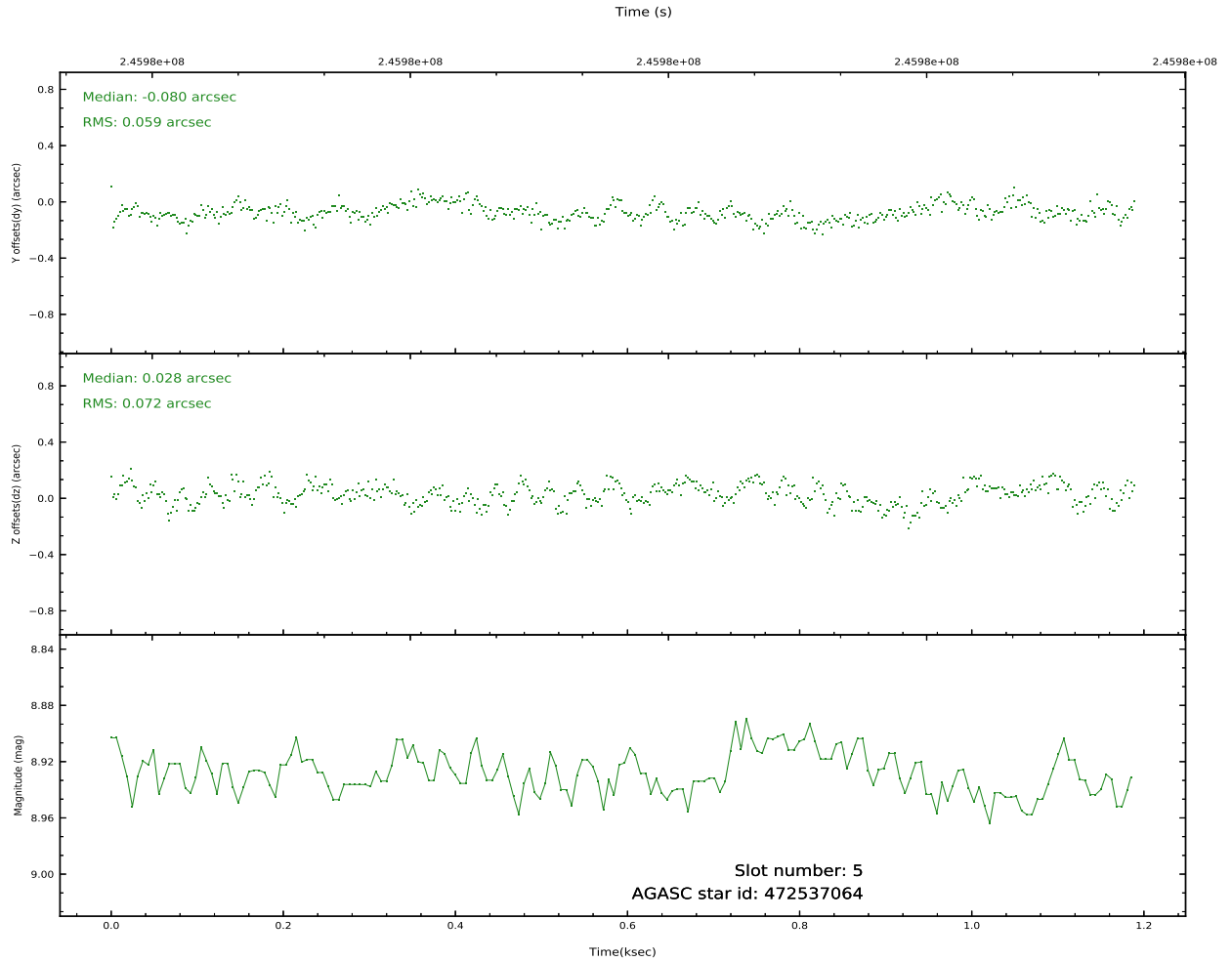
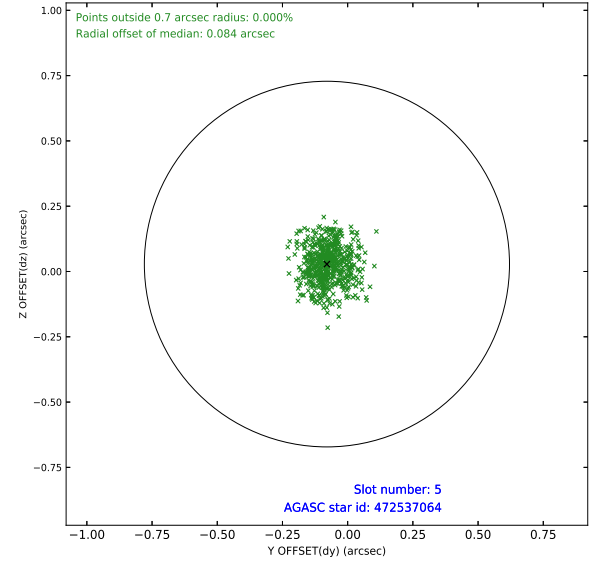
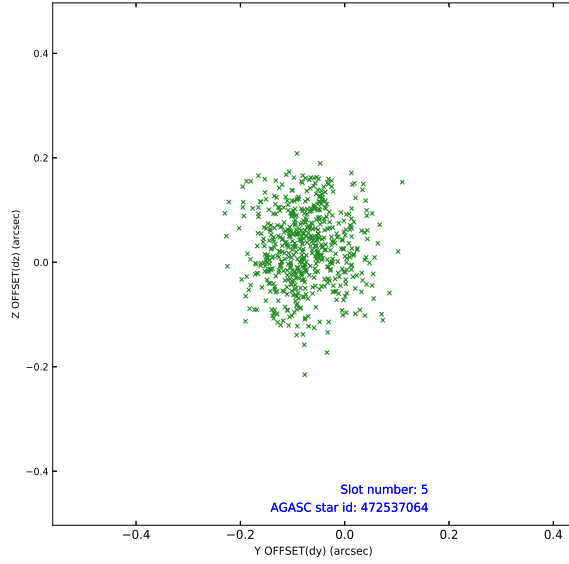
2.4.1 Slot 3



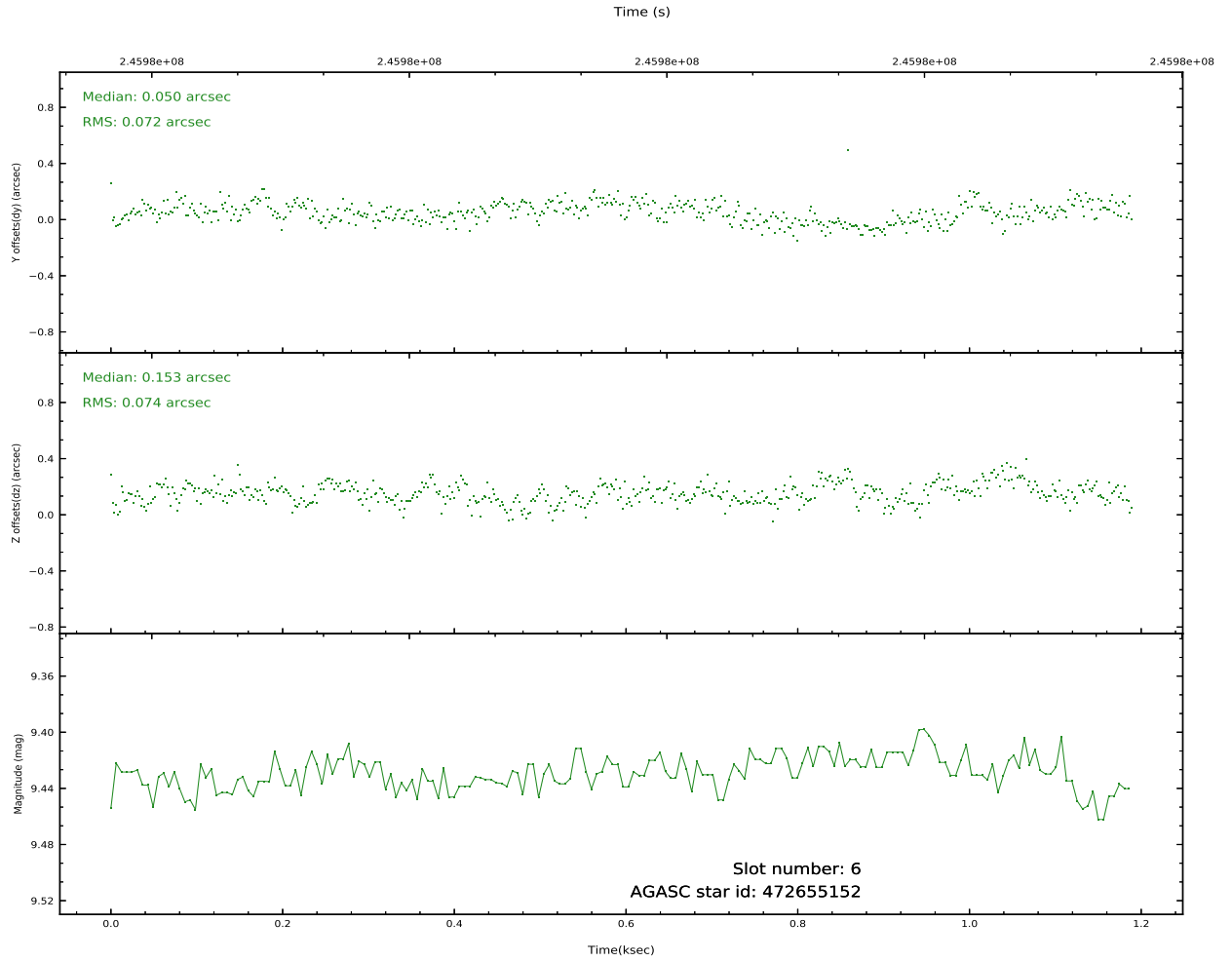
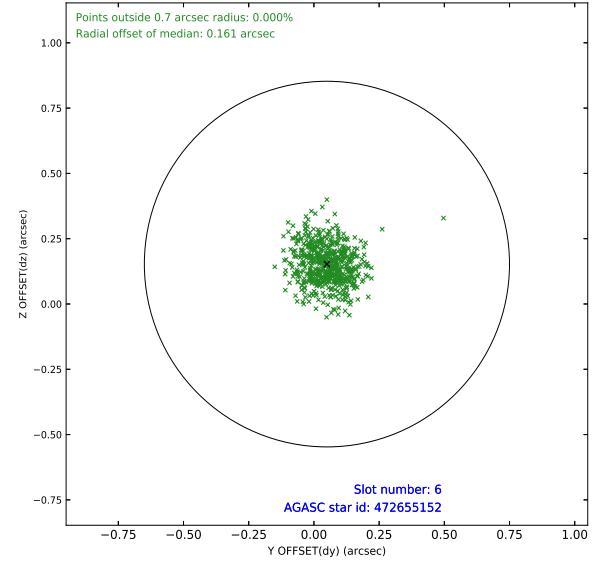
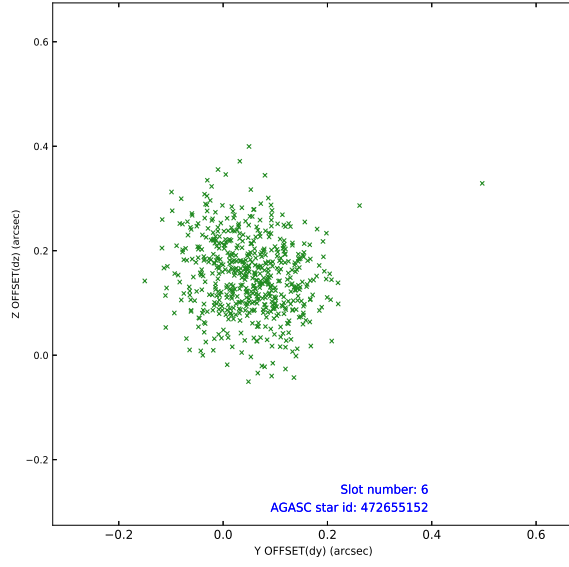
2.4.2 Slot 4



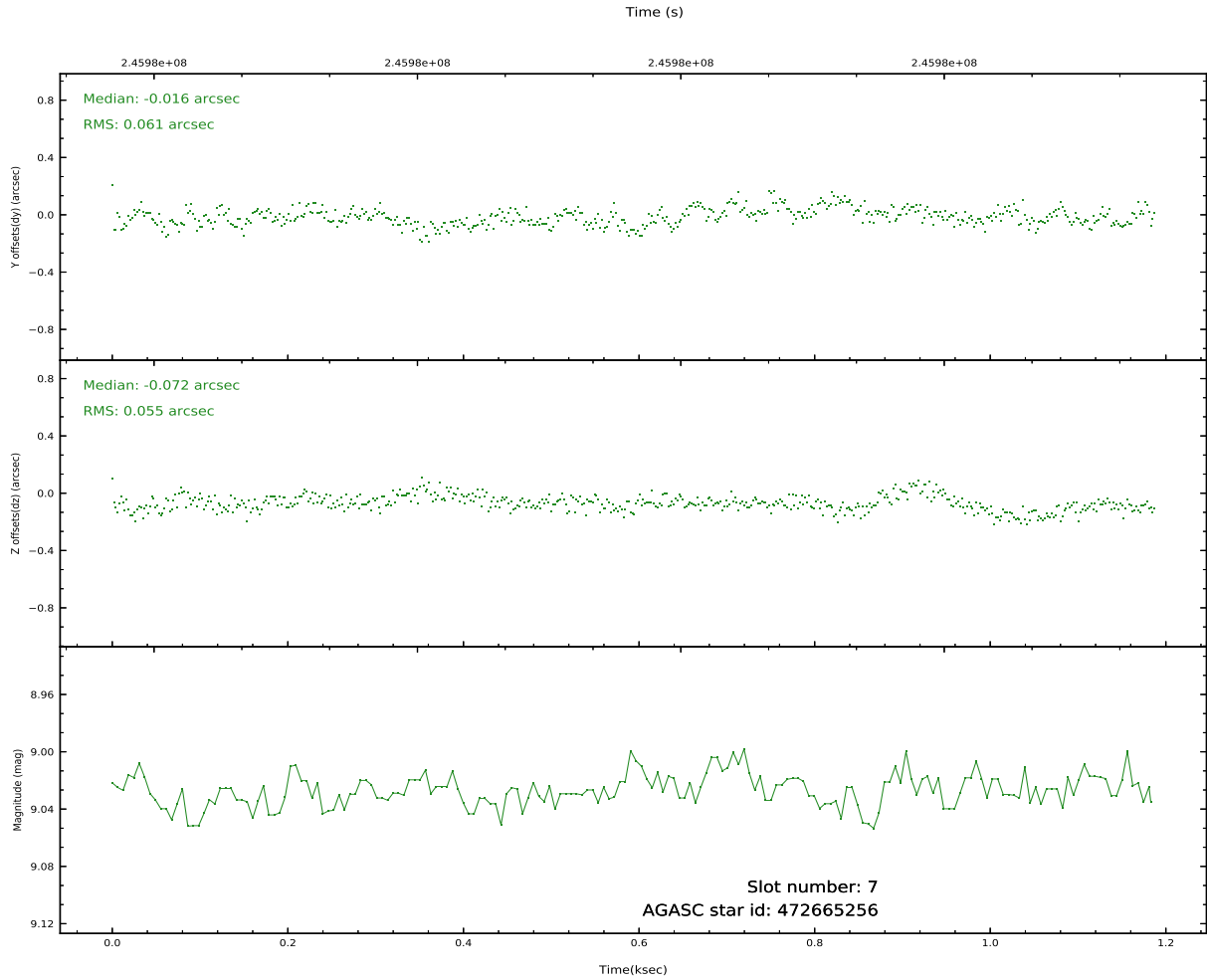
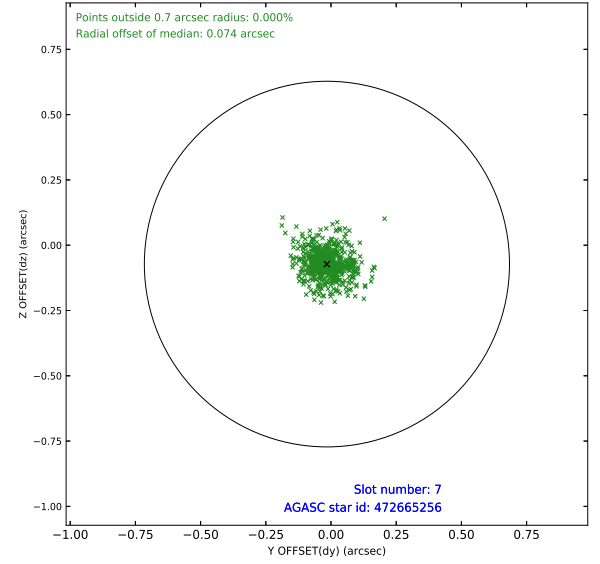
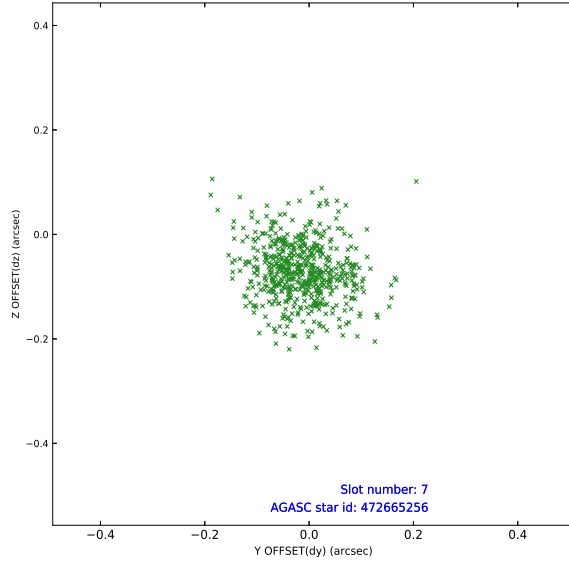
2.4.3 Slot 5



2.4.4 Slot 6

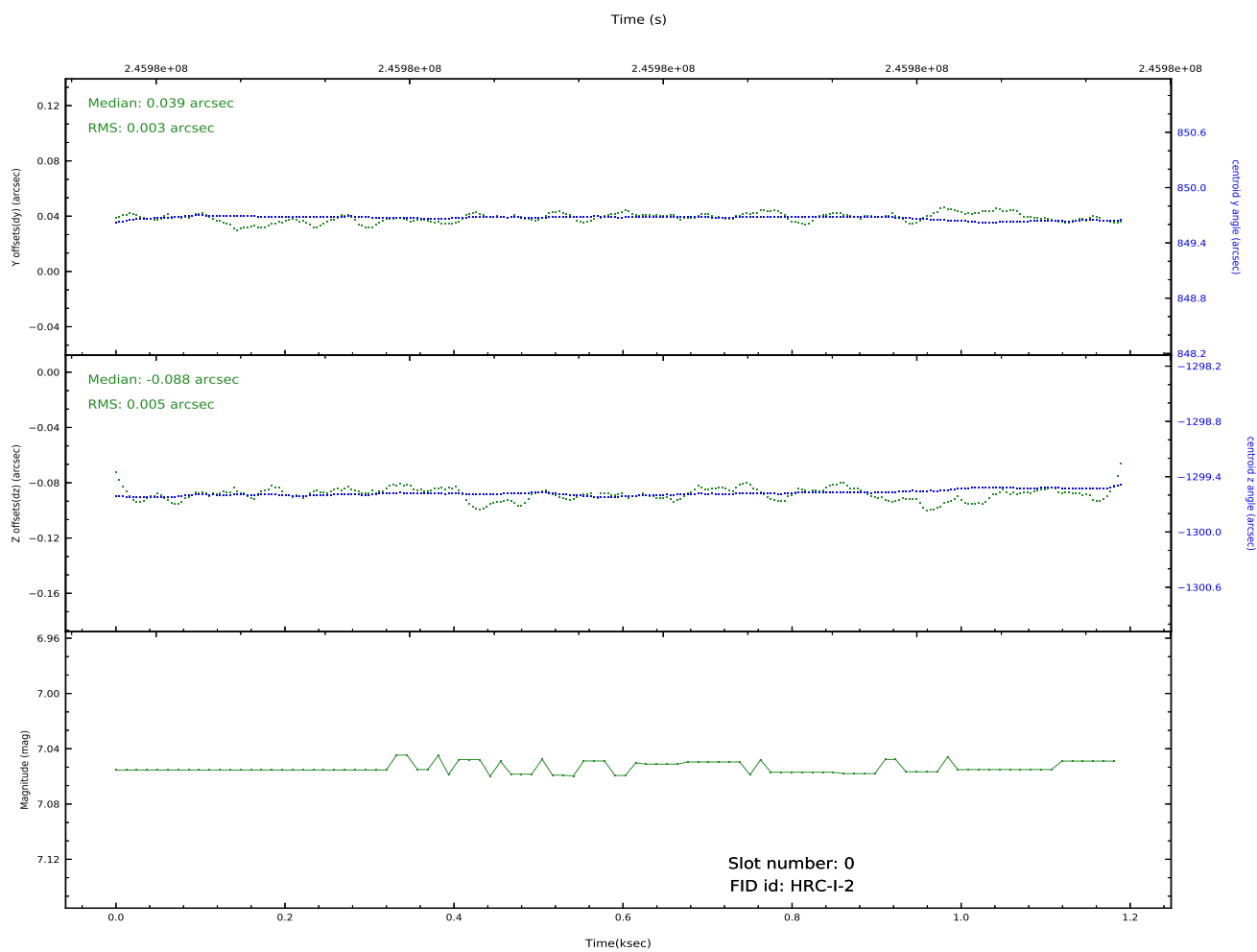
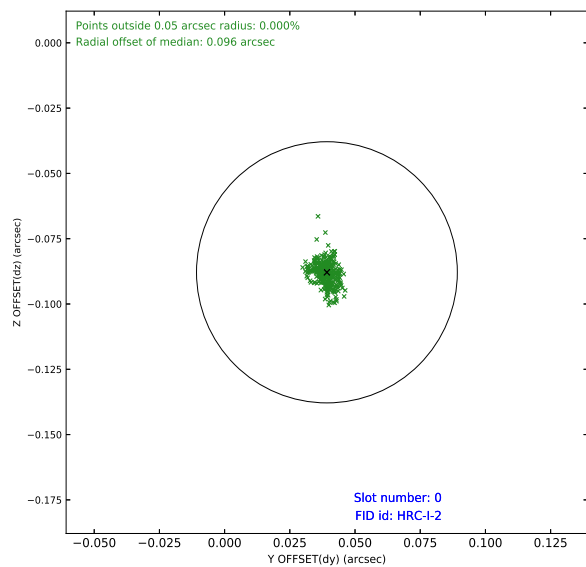
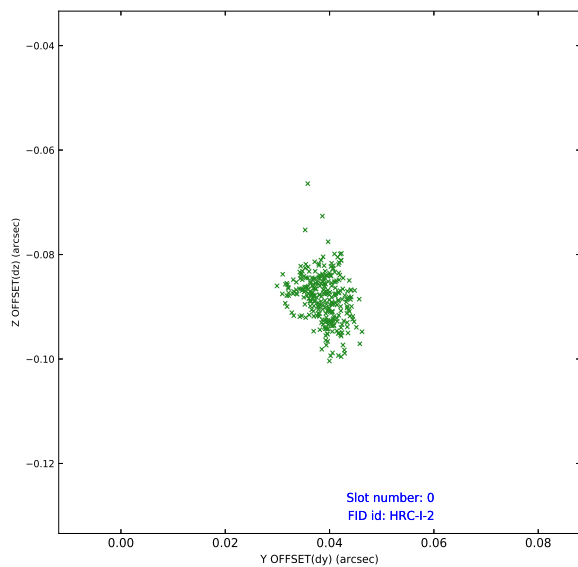


2.4.5 Slot 7

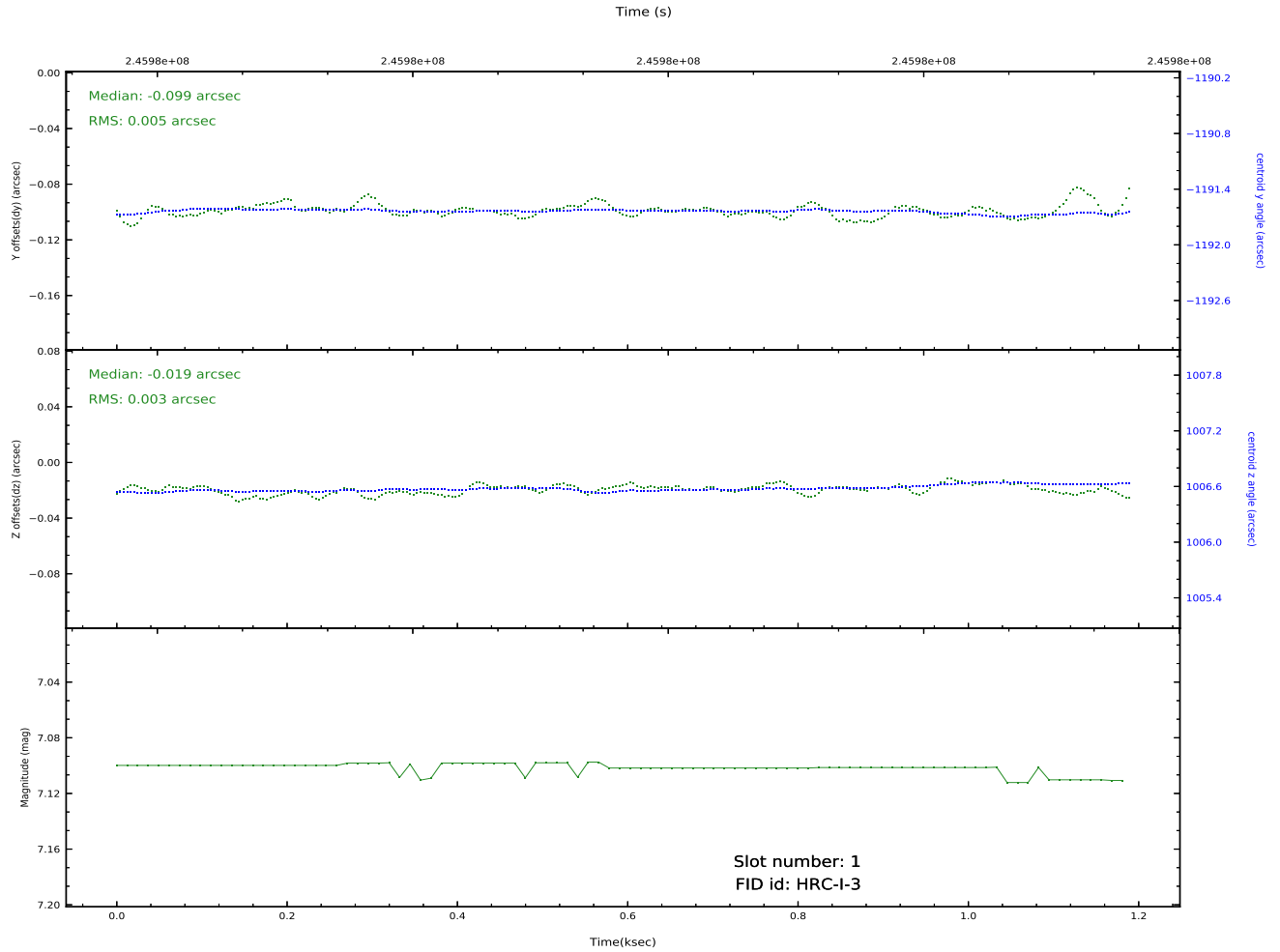
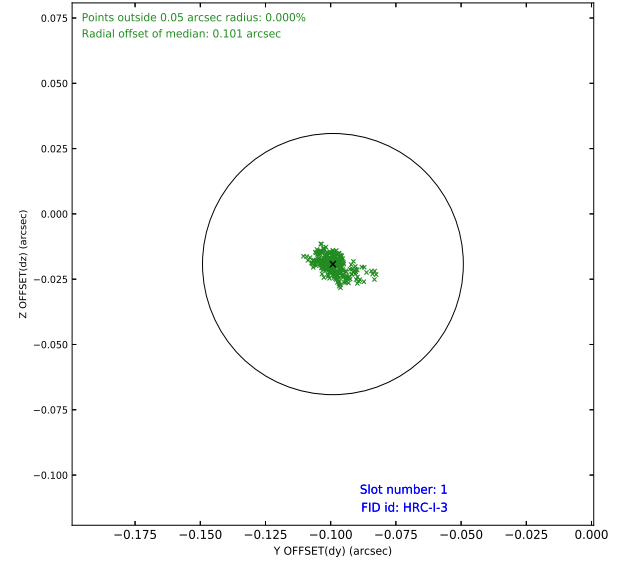
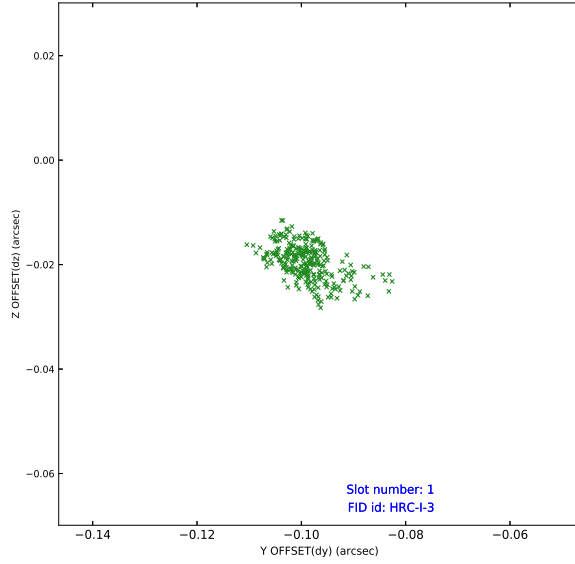


2.5 FID Slots

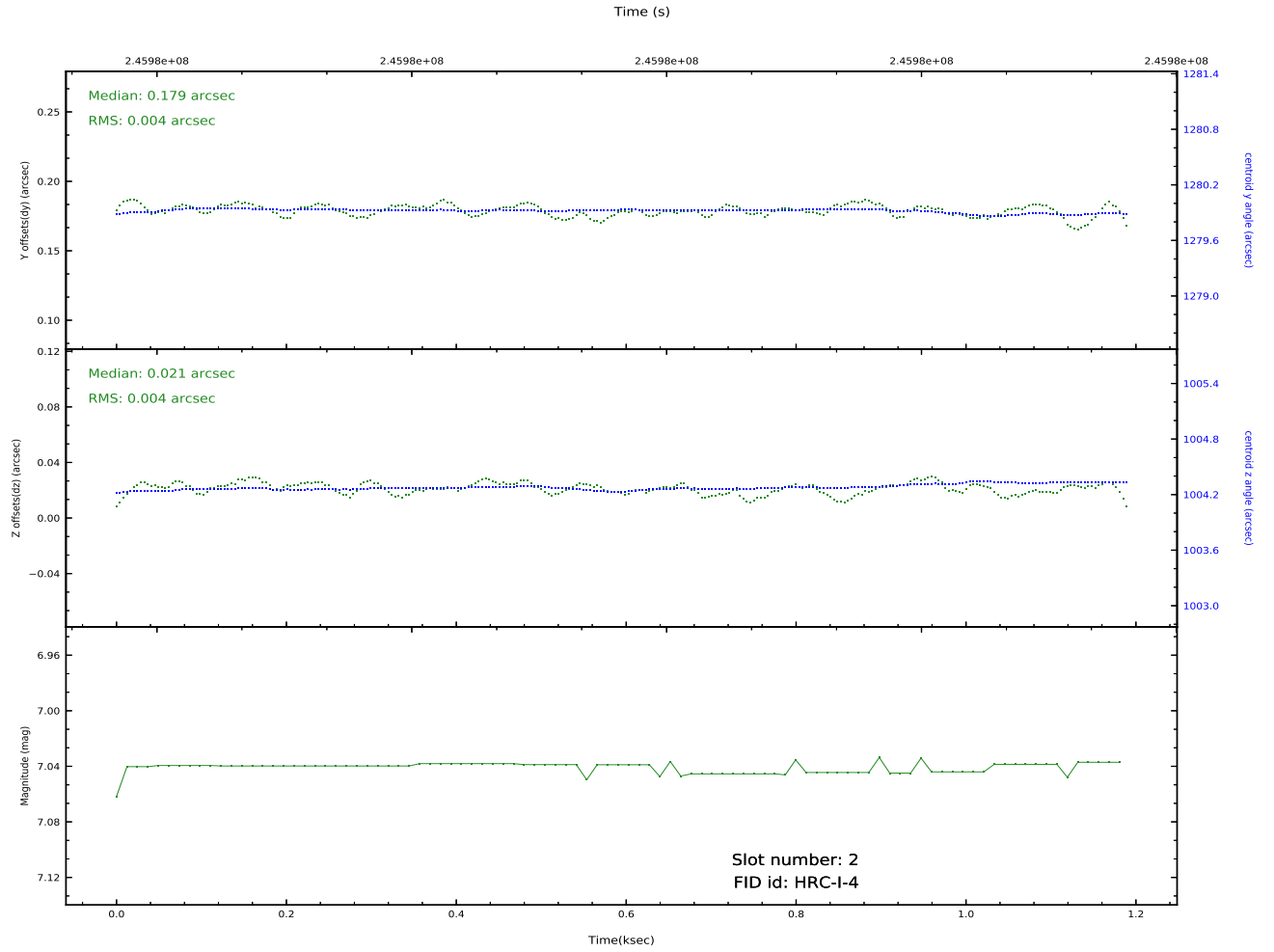
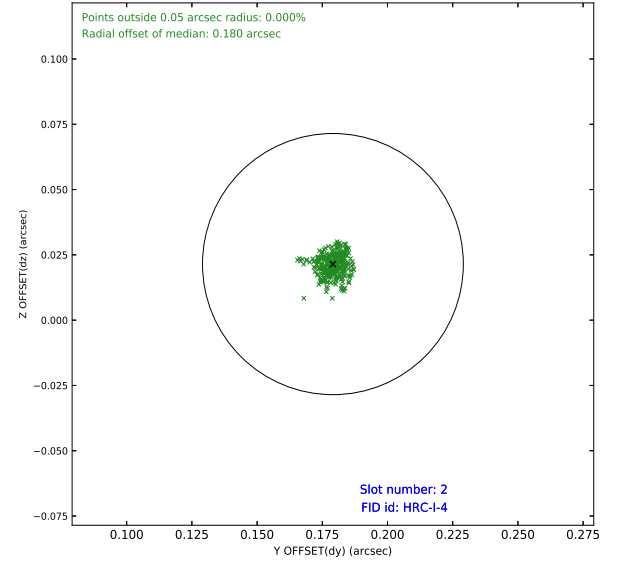
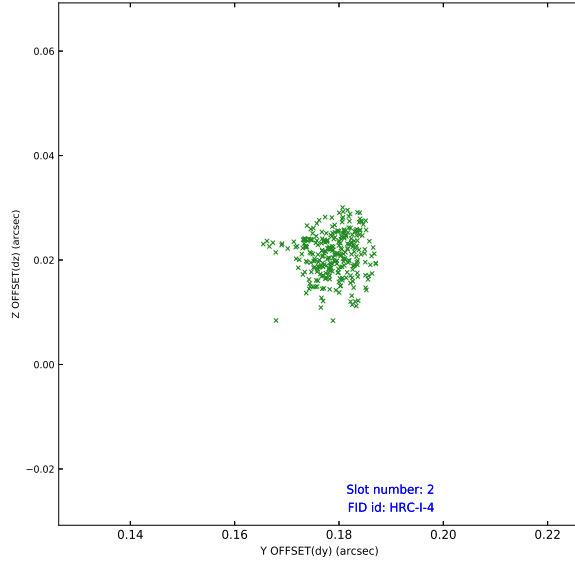
2.5.1 Slot 0



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	1.188231

A.2 Comments