

V&V Reference Report

L2 ASCDS Version : 10.9.1

Observation 5066 - L2 Version 5
Chandra X-Ray Center

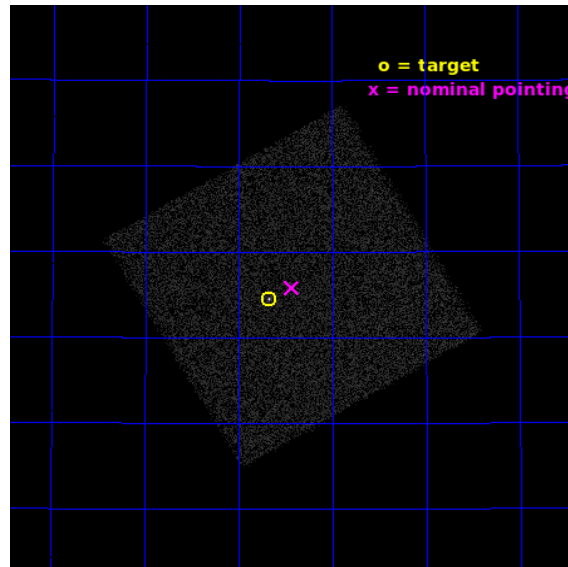
L2 Processing Date : Oct 5 2020

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1 Front

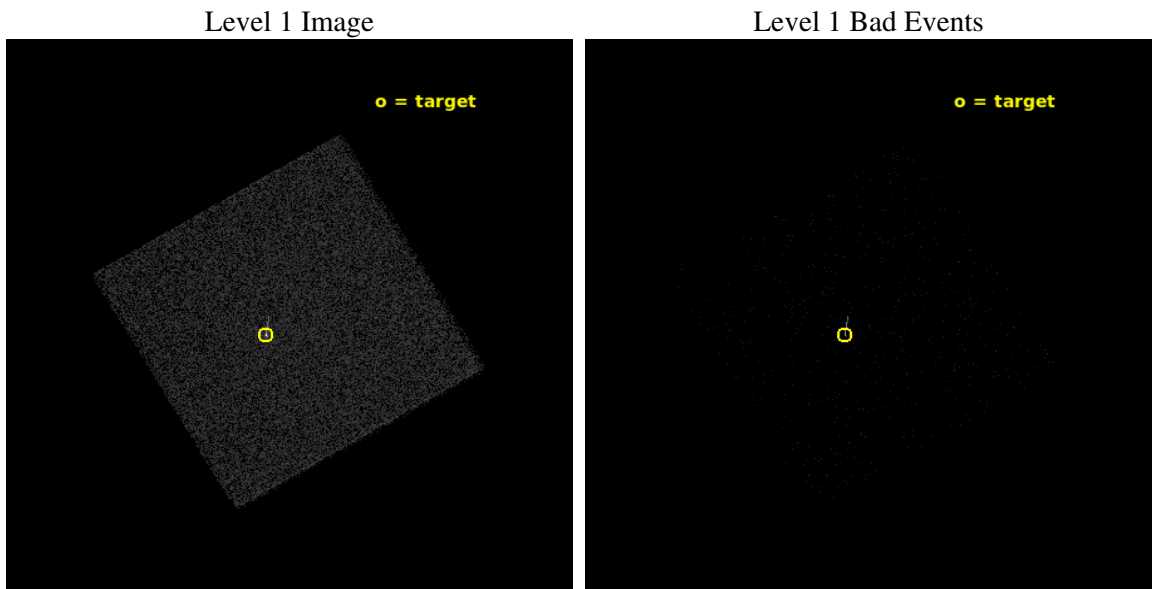
seq_num	290339	Sequence number
obs_id	5066	Observation id
title	AO5 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.10804299624	Nominal RA [deg]
dec_nom	45.76374535463	Nominal Dec [deg]
roll_nom	284.4847716089	Nominal Roll [deg]
revision	5	Processing version of data
ontime	1085.4750487804	[s]
livetime	1077.7068290124	Ontime multiplied by DTCOR
l2events	43222	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	1	Obi number	sched_exp_time	900.000000	[s] Scheduled observation exposure time
ascdsver	10.9.1	Processing system revision	ontime	1085.4750487804	[s]
caldsver	4.9.2	 	l1events	81432	Number of level 1 events
date	2020-10-05T06:23:35	Date and time of file creation			
revision	5	Processing version of data			

2.1.3 Events

Level 1 Events

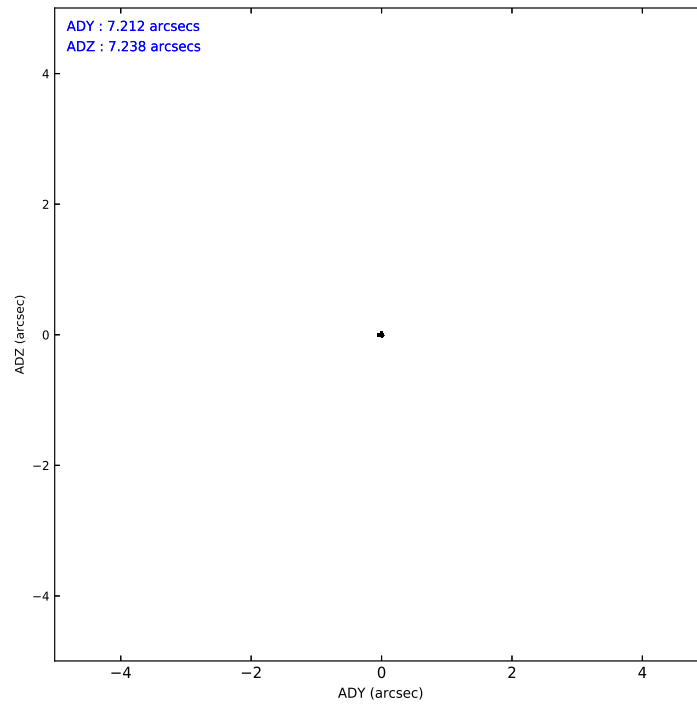
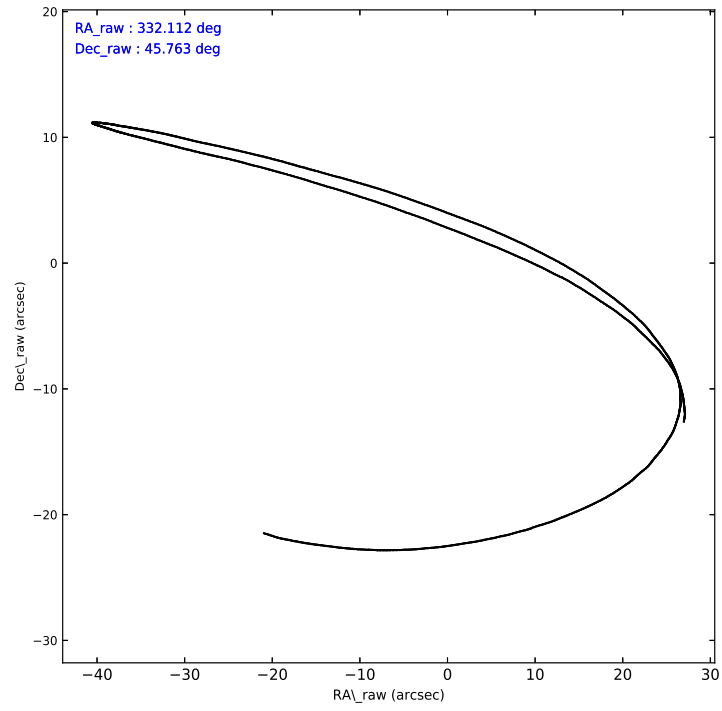
	segment 0
level 1 events	81432
rejected events	18814
rejected %	23%

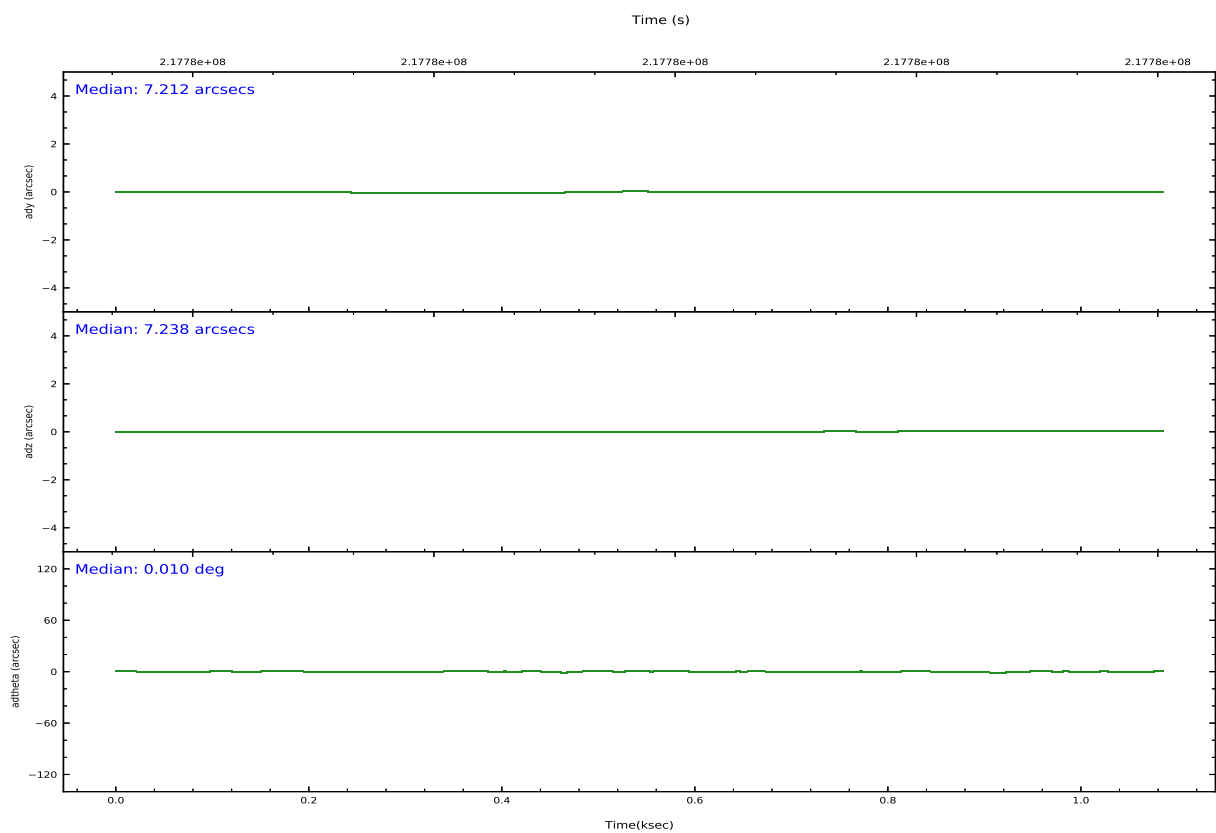
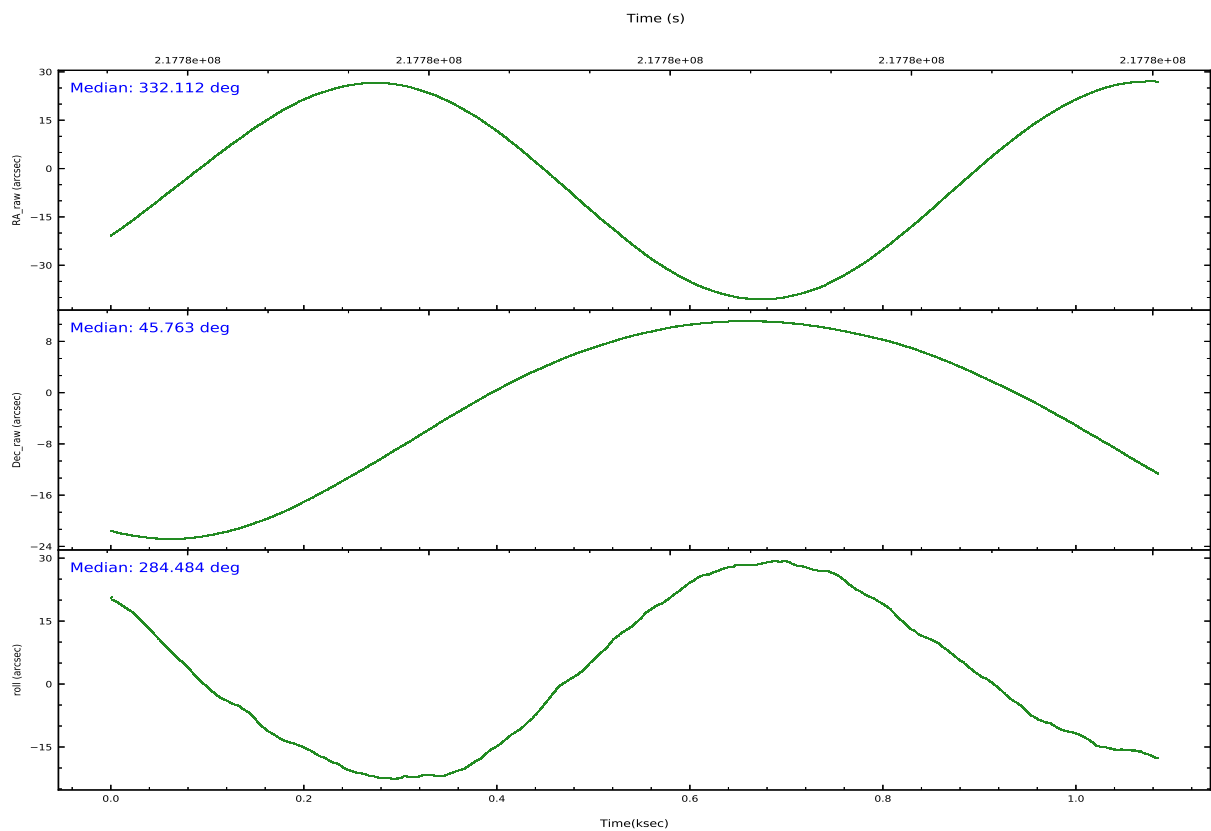
2.2 Compared Parameters

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	332.083006	332.10804299624
[deg] Pointing Dec	45.780933	45.76374535463
[deg] Pointing Roll	284.619037	284.4847716089
[mm] SIM focus pos	-1.040293	-1.038866356238299
[mm] SIM defocus	0	0.001426264420575141
[mm] SIM translation stage pos	126.985494	126.9854943052878
[mm] SIM translation stage offset	0	-5.413686238853188e-06
[s] Observation start time (MET)	217783107.184000	217782731.13309
Observation start date	2004-11-25T15:17:23	2004-11-25T15:12:11
[s] Observation end time (MET)	217784007.184000	217784141.02065
Observation end date	2004-11-25T15:32:23	2004-11-25T15:35:41

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

2.3 Aspect



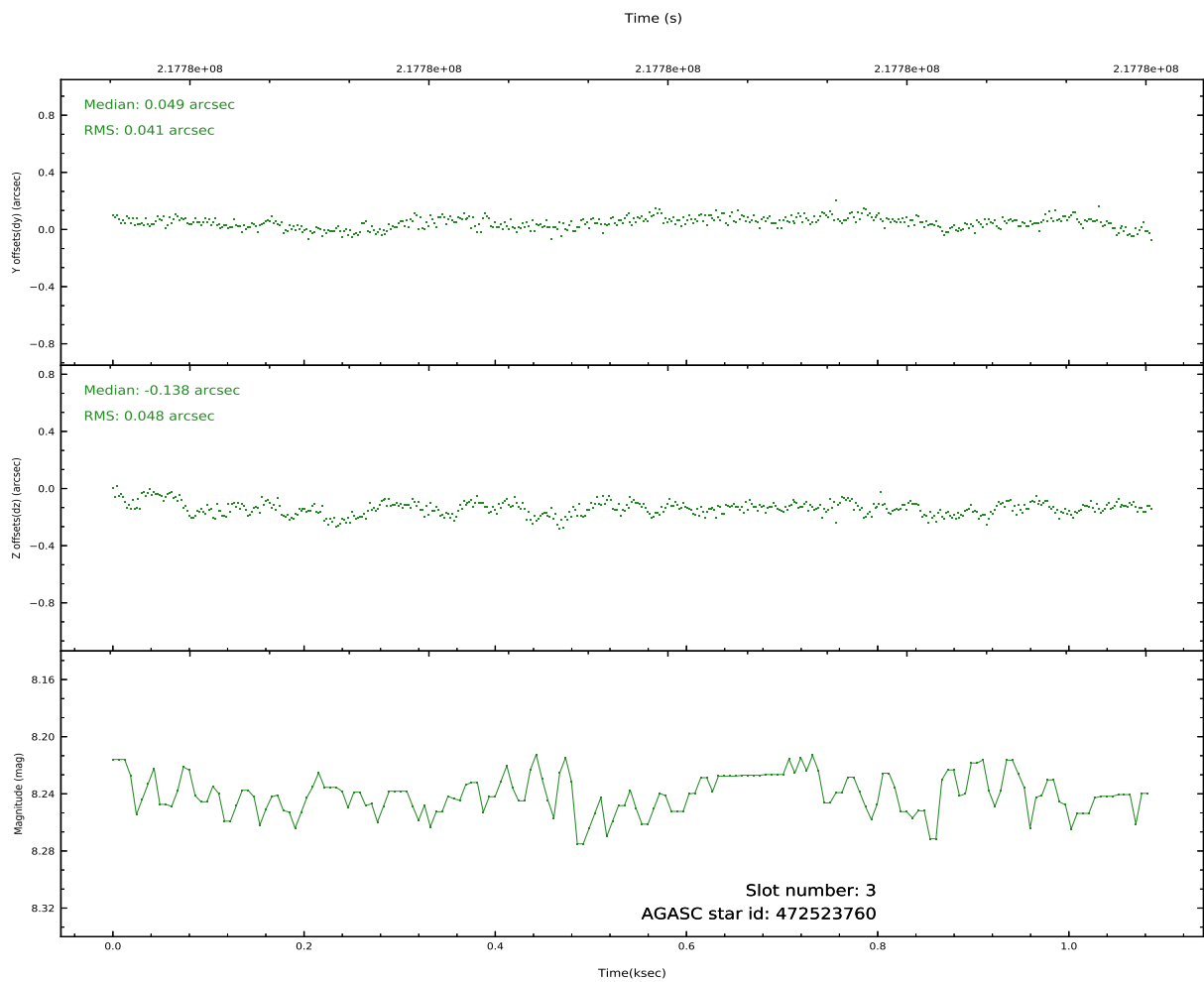
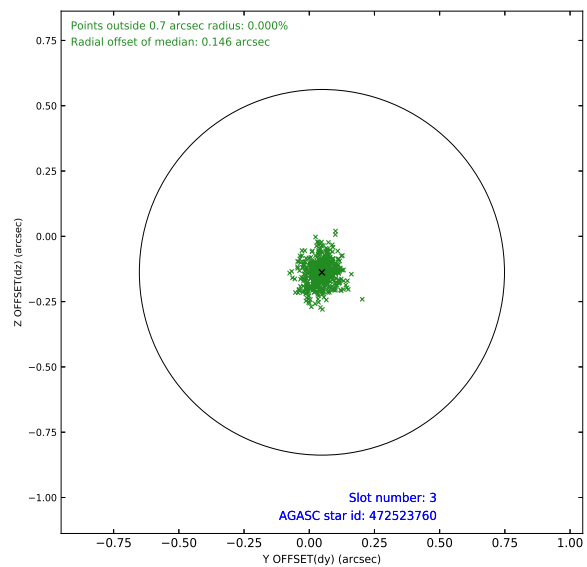
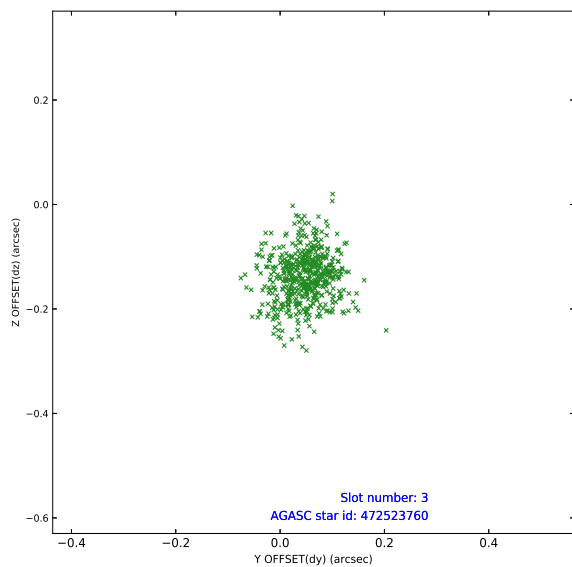


Slot Statistics

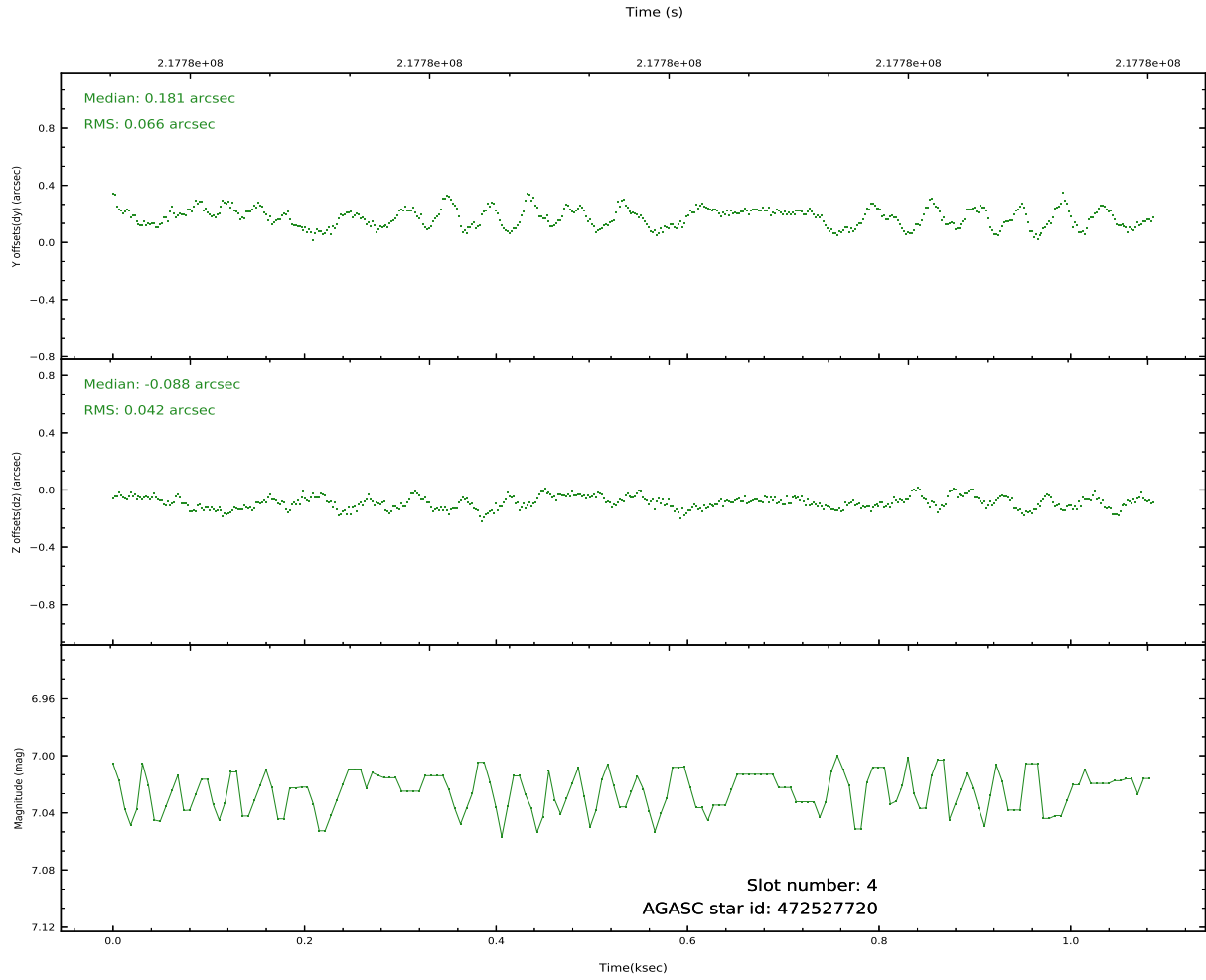
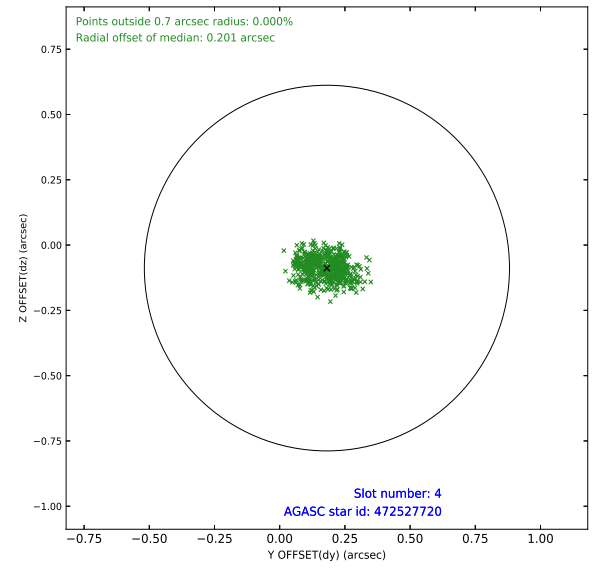
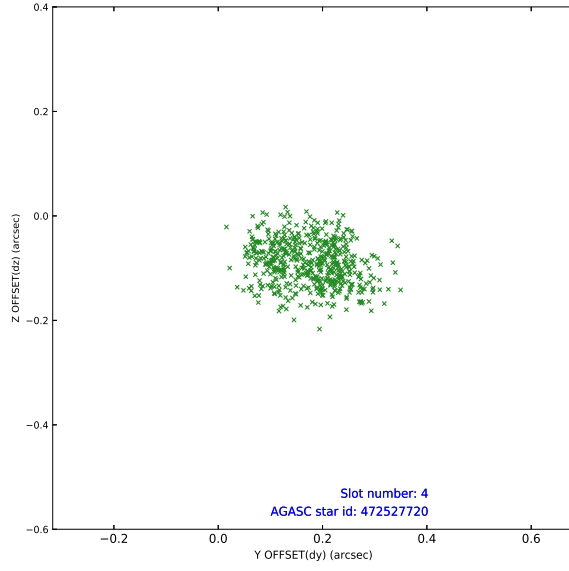
pt	status	used	id	mag	n_pts	frac_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mea
0	FID		HRC-I-1	7.01	264	1.000	0.007	-0.055	0.007	0.012	0.000000	0.000000	-762.83	-1295
1	FID		HRC-I-3	7.10	265	1.000	-0.084	-0.037	0.006	0.011	0.000000	0.000000	-1194.22	1004
2	FID		HRC-I-4	7.06	265	1.000	0.191	0.002	0.006	0.009	0.000000	0.000000	1275.71	1010
3	GUIDE	used	472523760	8.24	531	1.000	0.049	-0.138	0.067	0.113	331.645363	45.403260	1034.08	-1414
4	GUIDE	used	472527720	7.02	531	1.000	0.181	-0.088	0.085	0.129	331.460205	45.112509	1925.95	-2141
5	GUIDE	used	472533912	9.16	531	1.000	-0.159	0.108	0.084	0.131	331.791136	46.368695	-2227.91	-173
6	GUIDE	used	472655152	9.43	531	1.000	0.031	0.106	0.113	0.189	332.504239	45.862991	-25.96	1094
7	GUIDE	used	472659832	9.47	530	1.000	-0.093	0.011	0.100	0.149	332.780399	46.098139	-673.03	1974

2.4 Star Slots

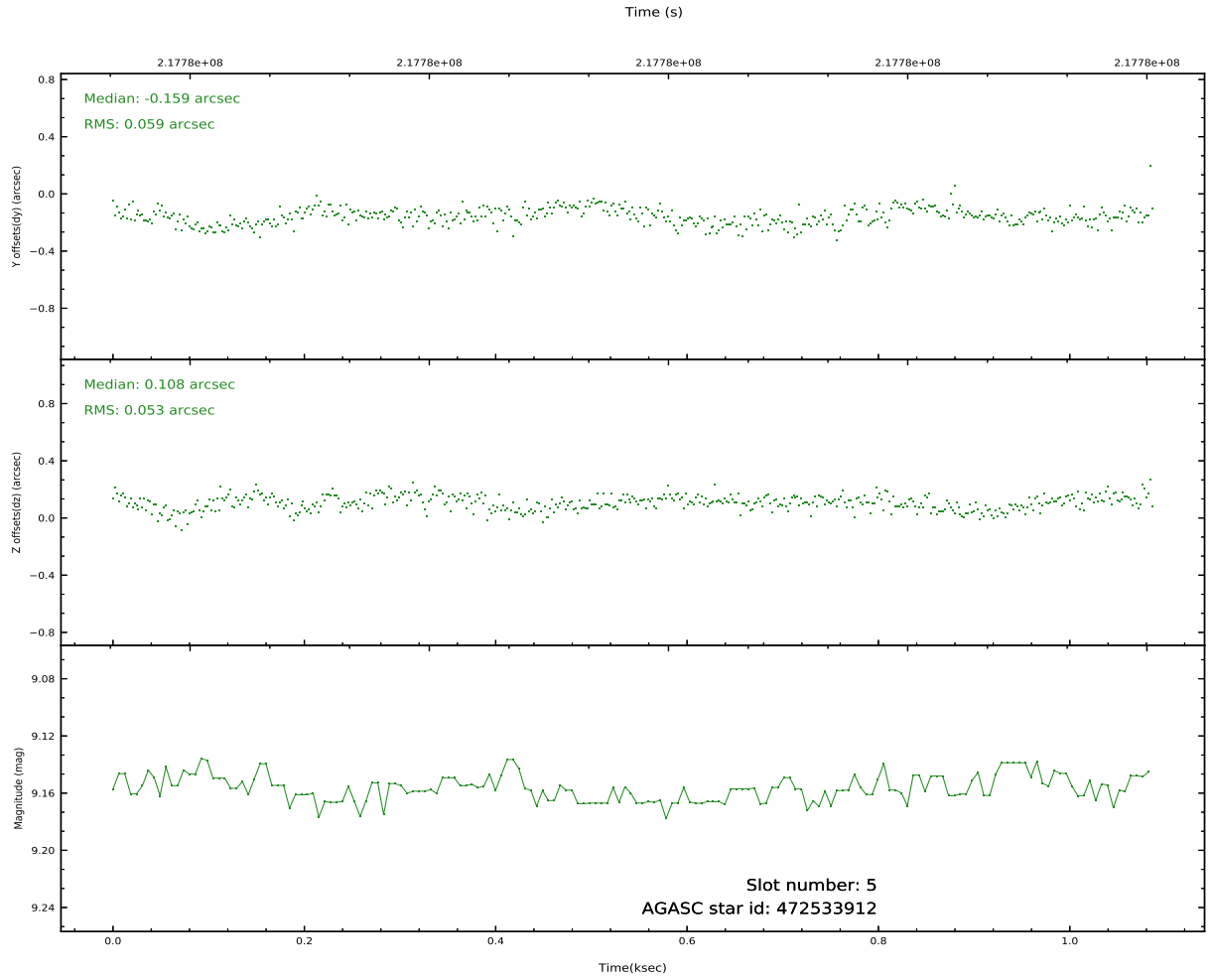
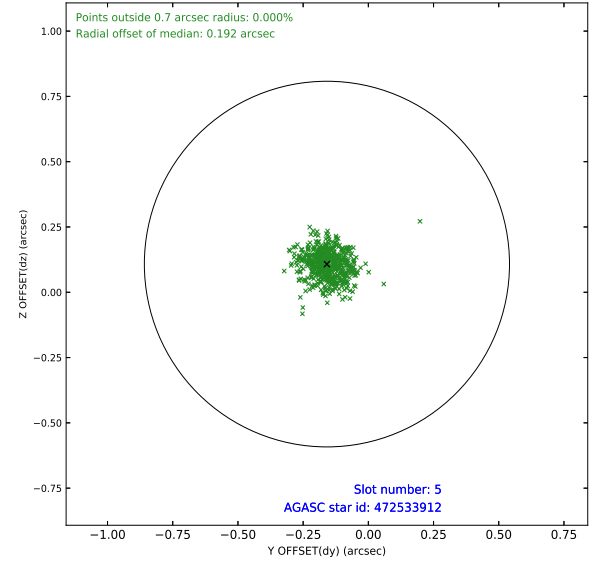
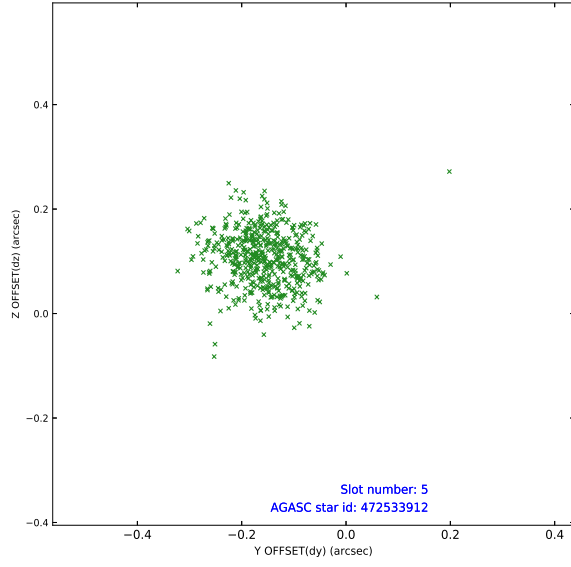
2.4.1 Slot 3



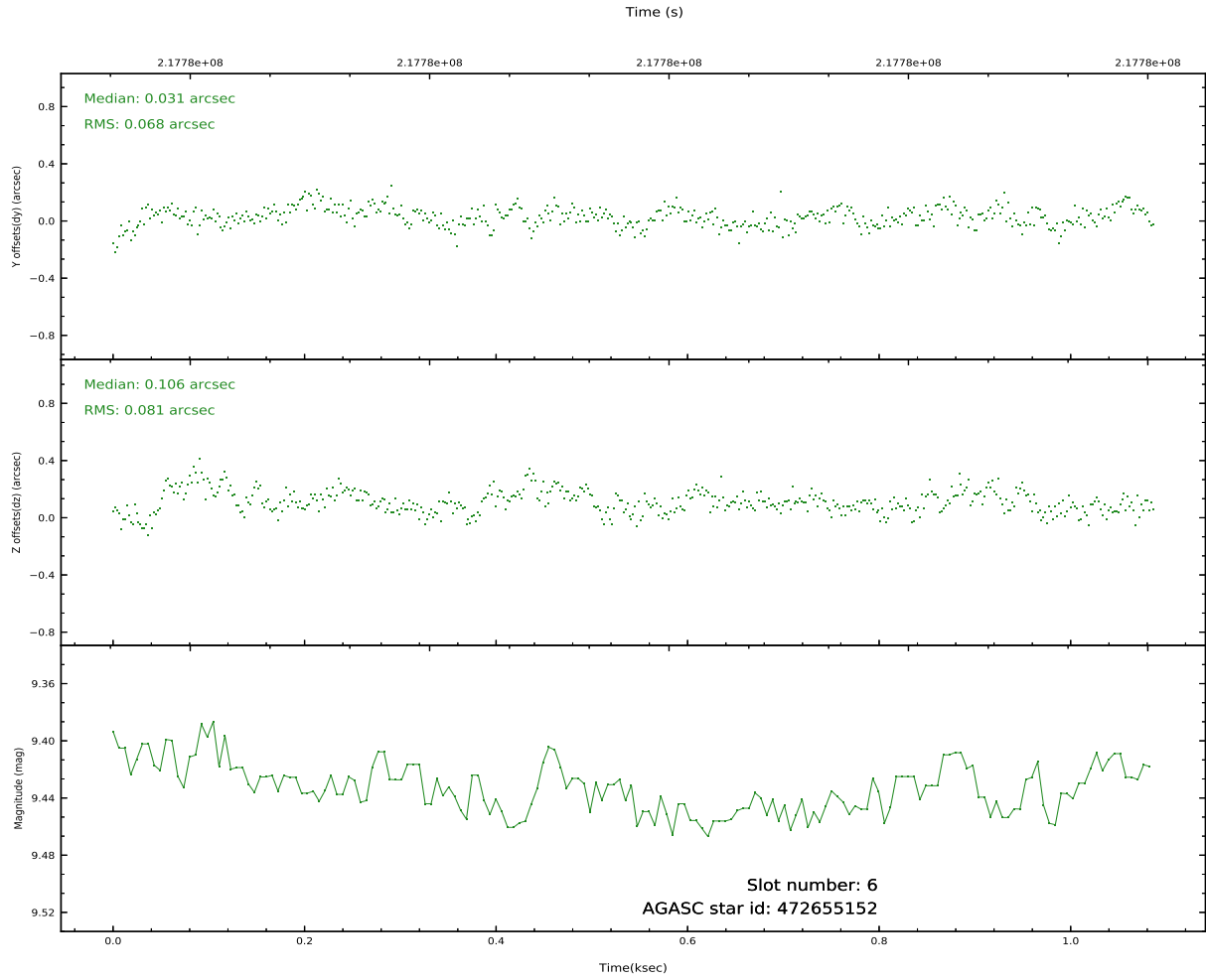
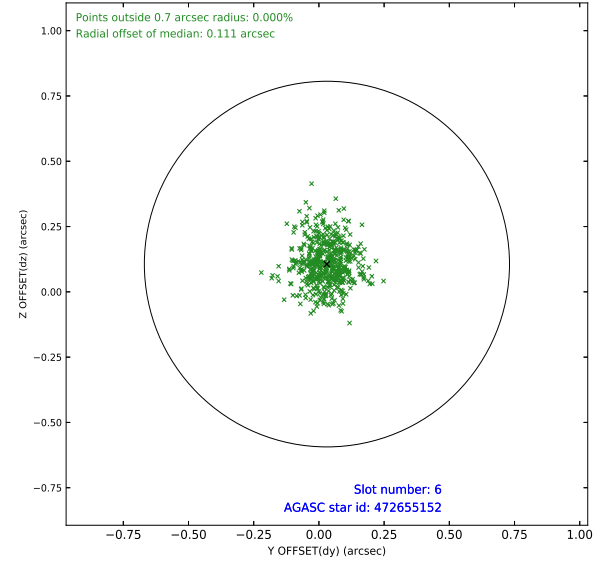
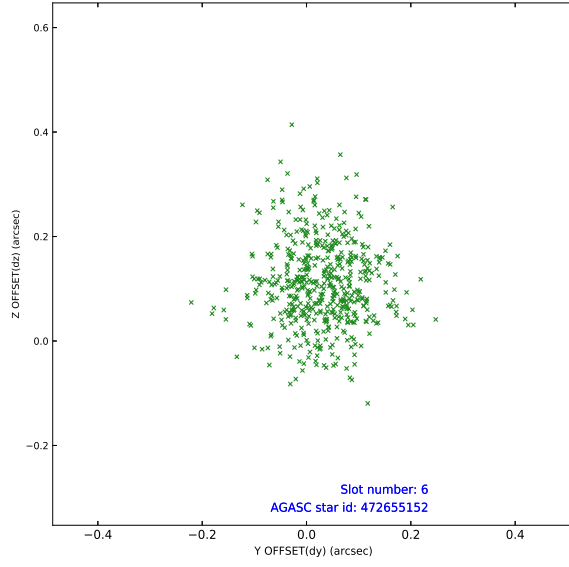
2.4.2 Slot 4



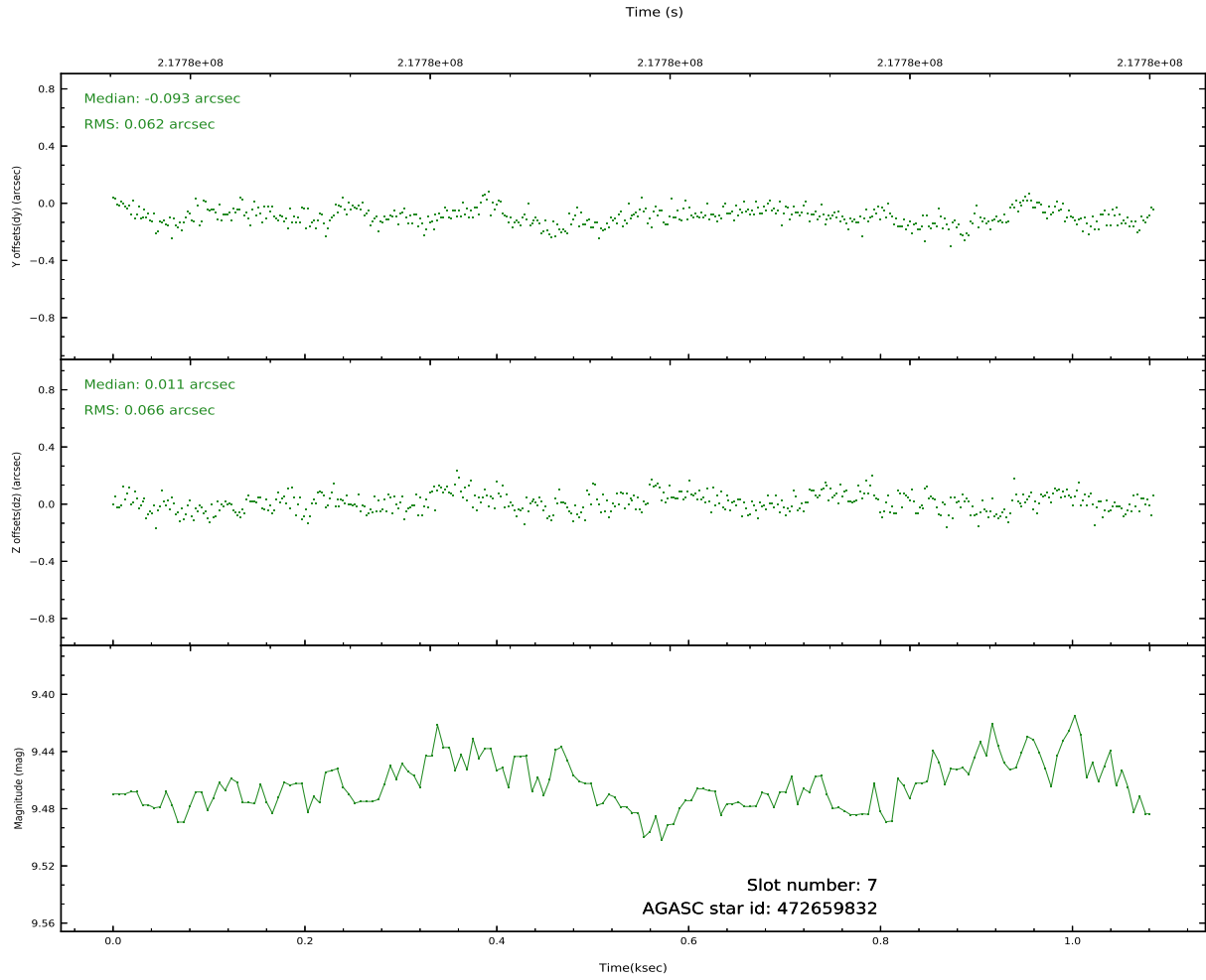
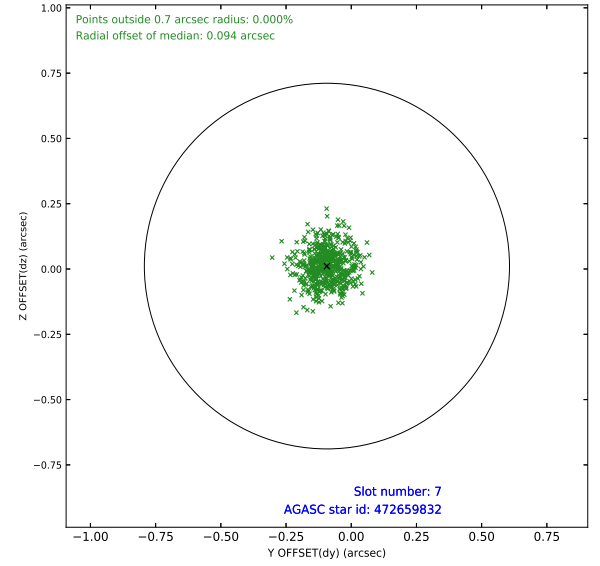
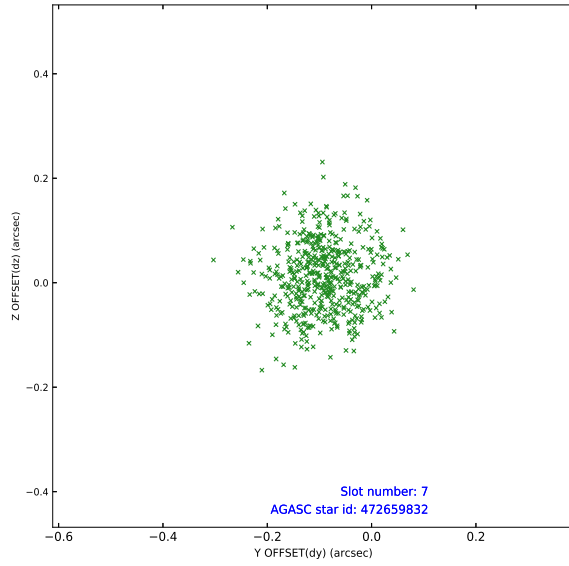
2.4.3 Slot 5



2.4.4 Slot 6

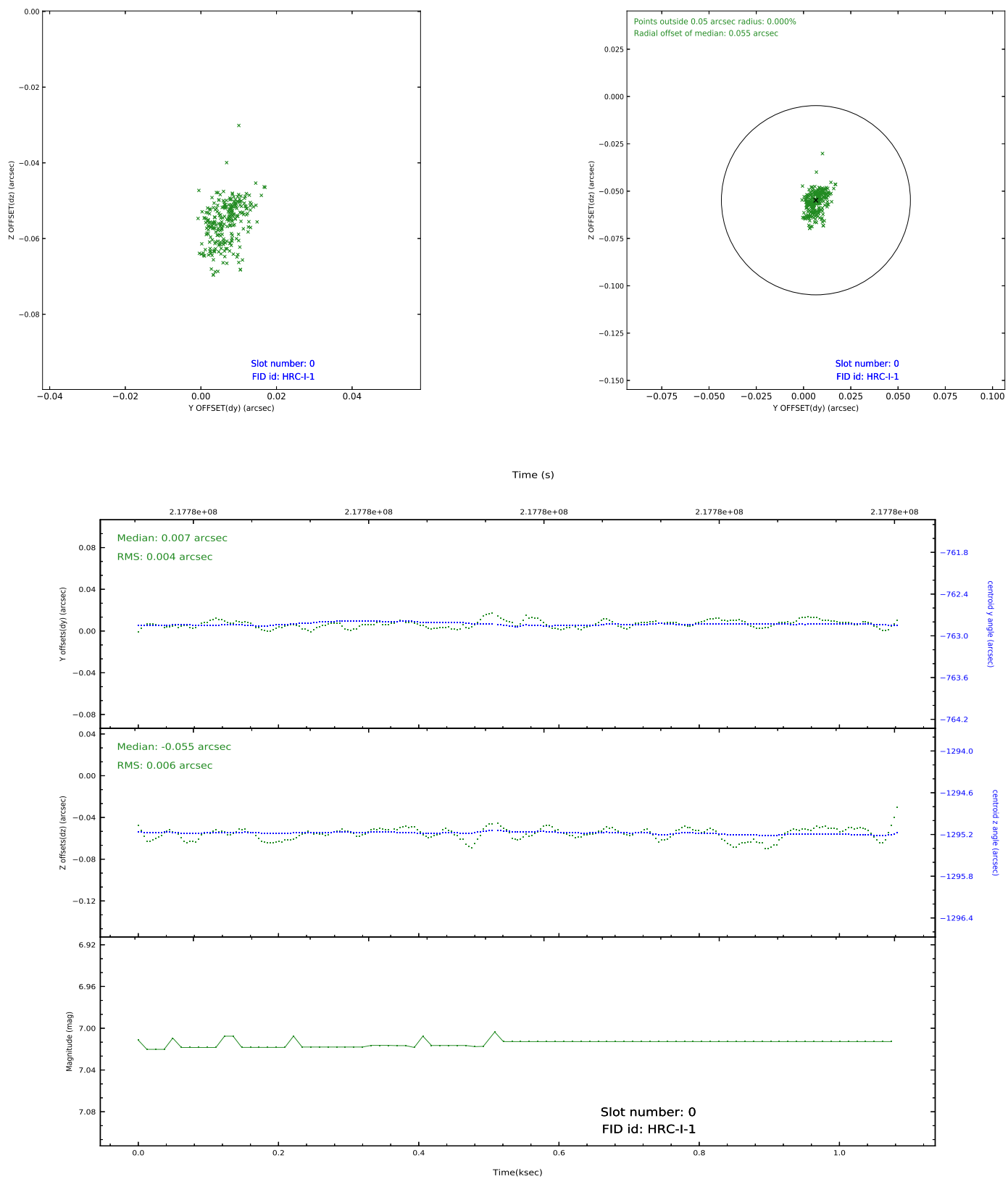


2.4.5 Slot 7

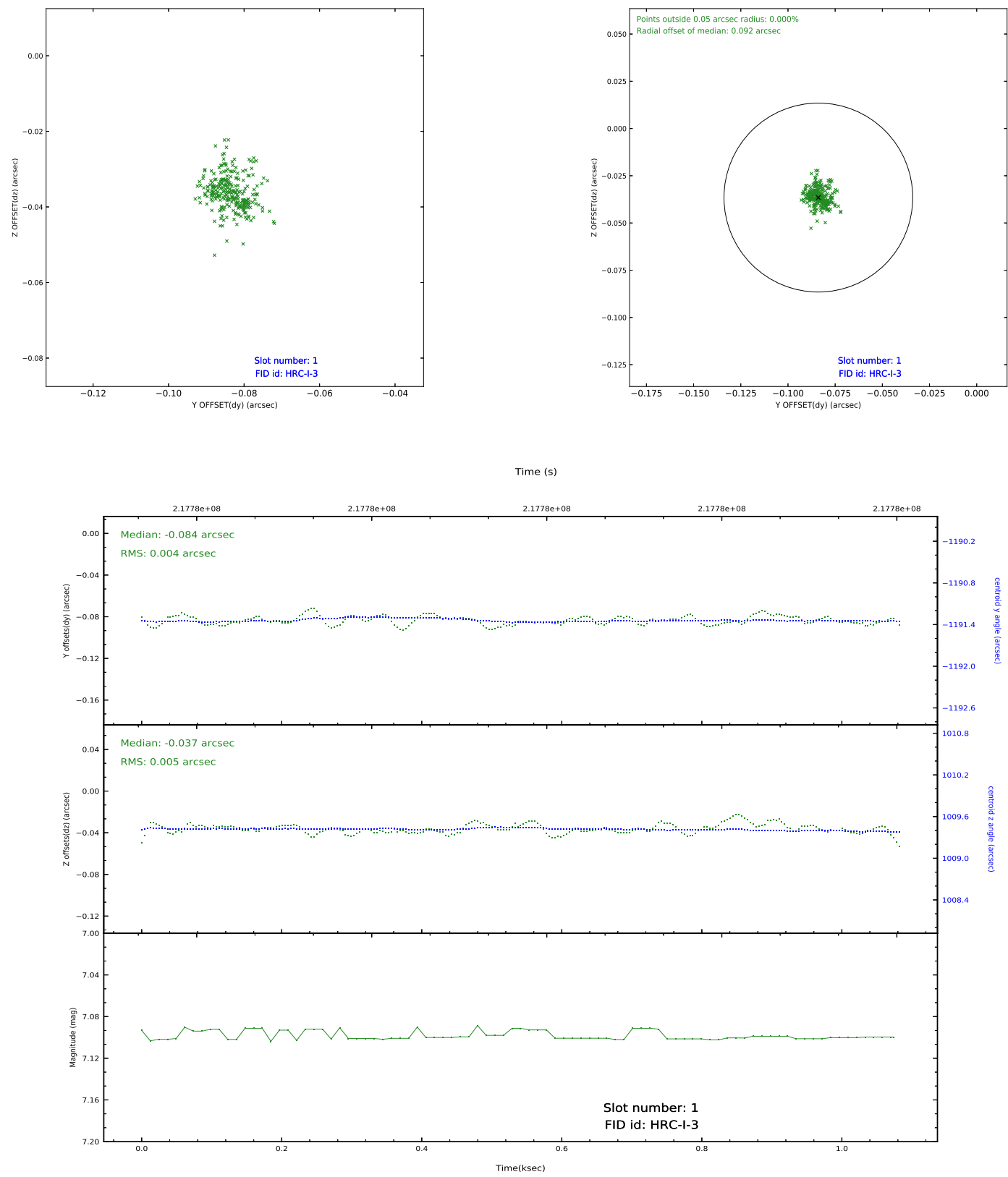


2.5 FID Slots

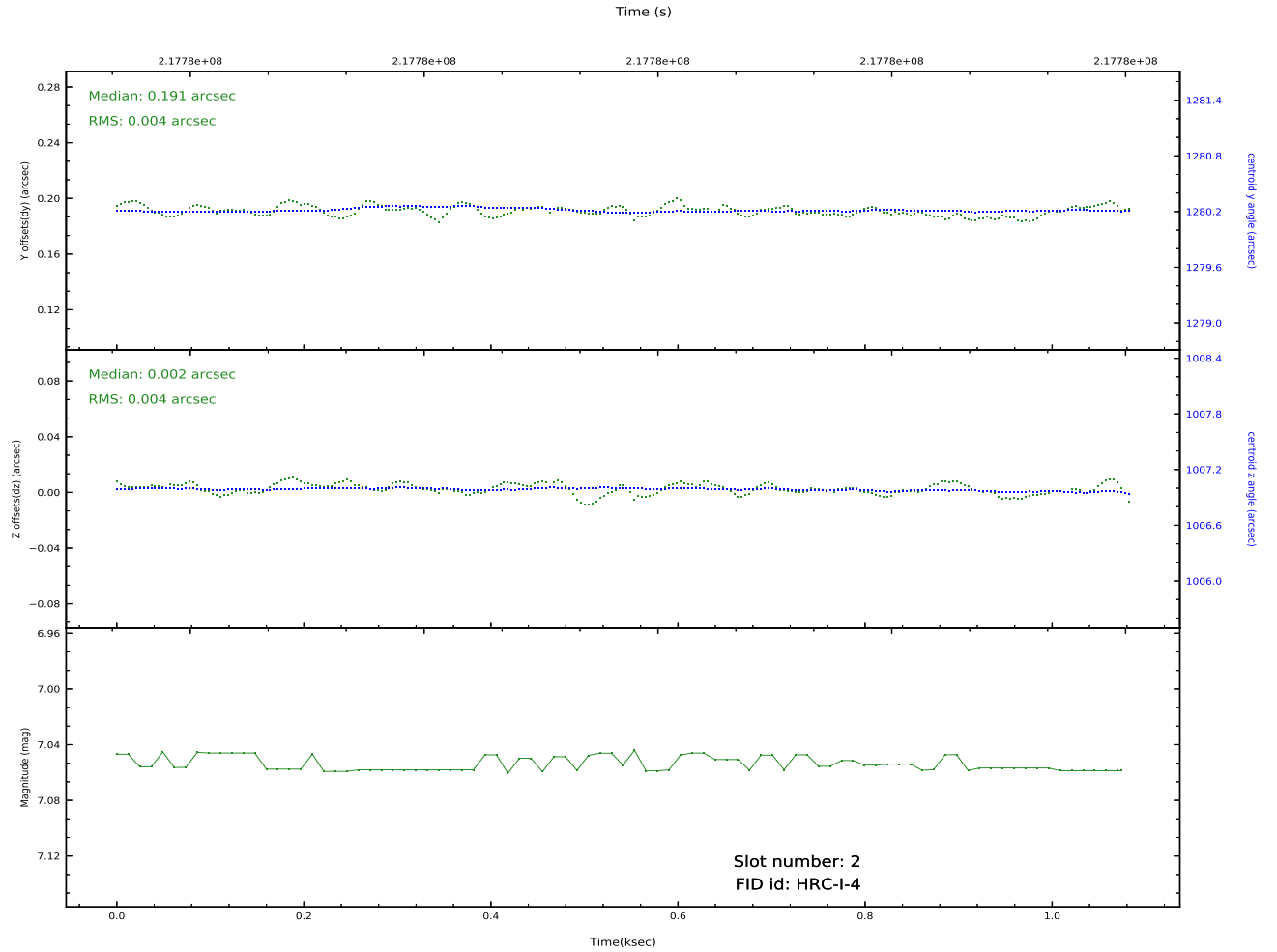
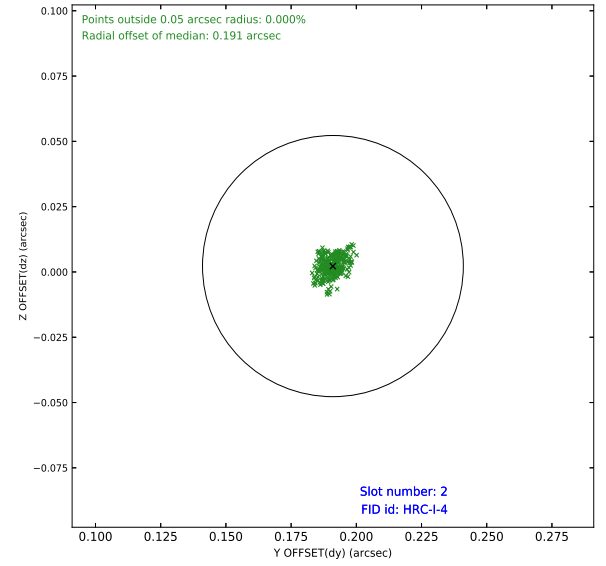
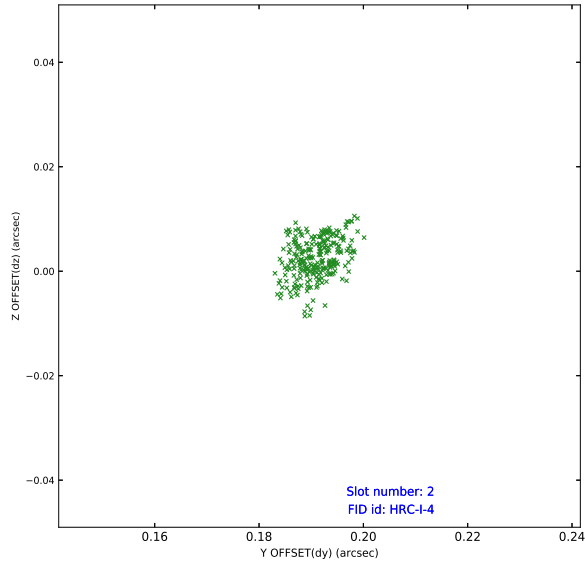
2.5.1 Slot 0



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)	2020.10.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.085731

A.2 Comments