

V&V Reference Report

L2 ASCDS Version : 10.9.1

Observation 5976 - L2 Version 4
Chandra X-Ray Center

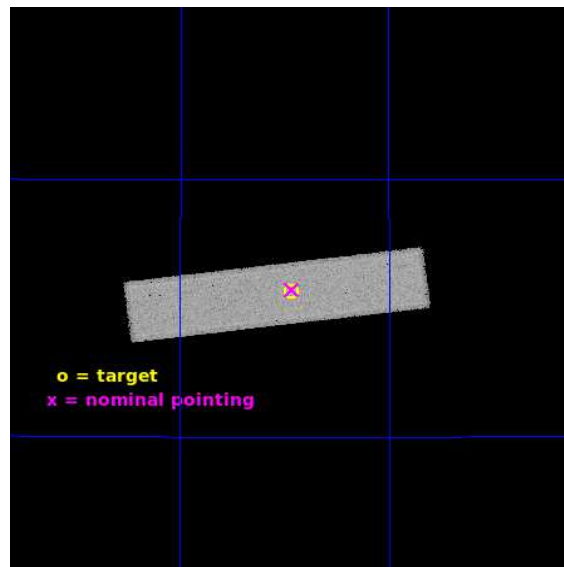
L2 Processing Date : Oct 8 2020

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1 Front

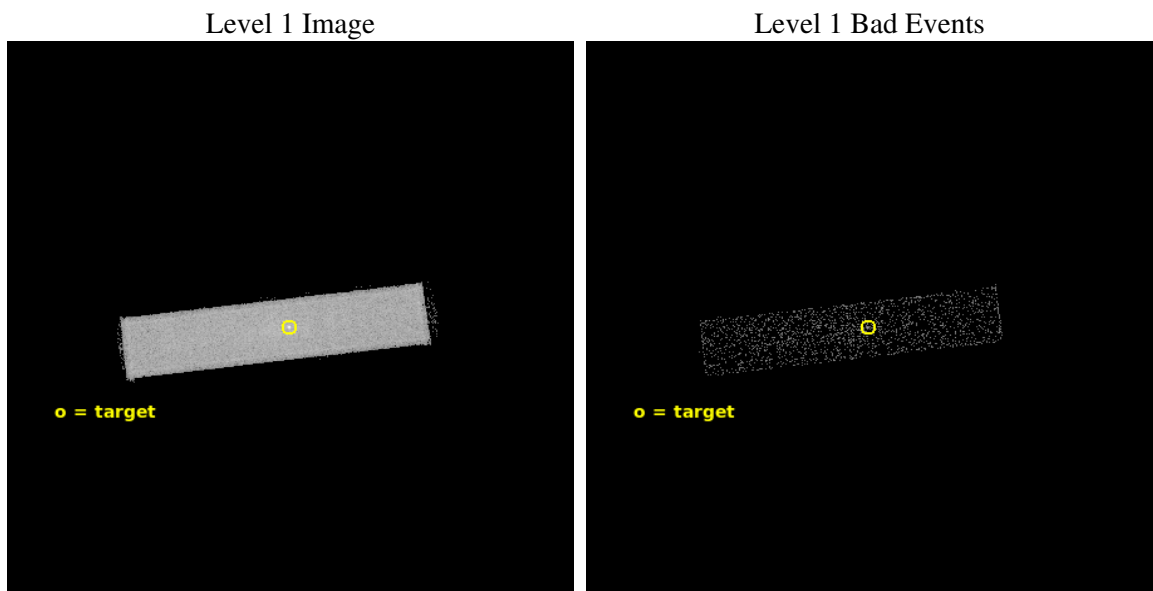
seq_num	290468	Sequence number
obs_id	5976	Observation id
title	AO6 Measurements of the optical/UV Transmission of the HRC and ACIS Filters.	Proposal title
observer	CXC Calibration	Principal investigator
object	Vega	Source name
ra_targ	279.235	Observer's specified target RA [deg]
dec_targ	38.783778	Observer's specified target Dec [deg]
ra_nom	279.23215943034	Nominal RA [deg]
dec_nom	38.7864854687	Nominal Dec [deg]
roll_nom	172.96010383438	Nominal Roll [deg]
revision	4	Processing version of data
ontime	2152.7563483417	[s]
livetime	2139.2120952678	Ontime multiplied by DTCOR
l2events	88332	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	2000.000000	[s] Scheduled observation exposure time
ascdsver	10.9.1	Processing system revision	ontime	2152.7563483417	[s]
caldsver	4.9.2	 	l1events	121469	Number of level 1 events
date	2020-10-09T00:44:14	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

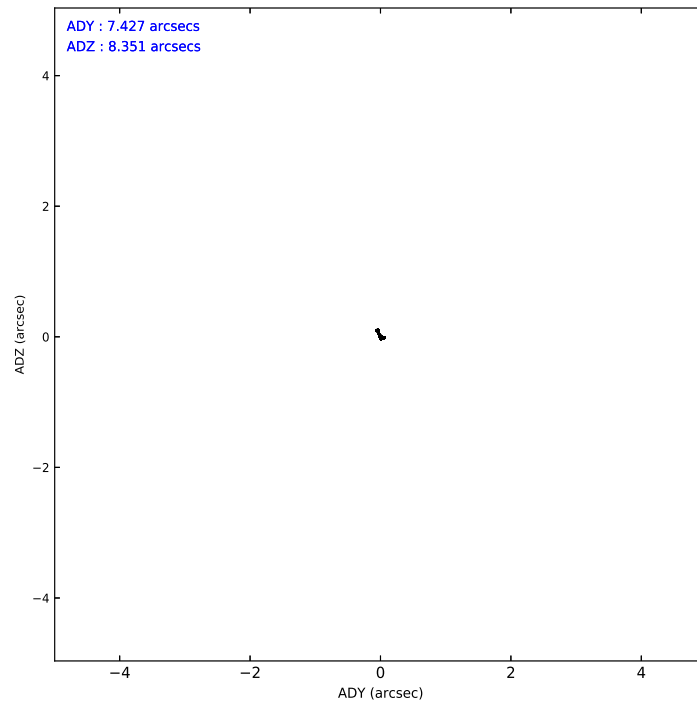
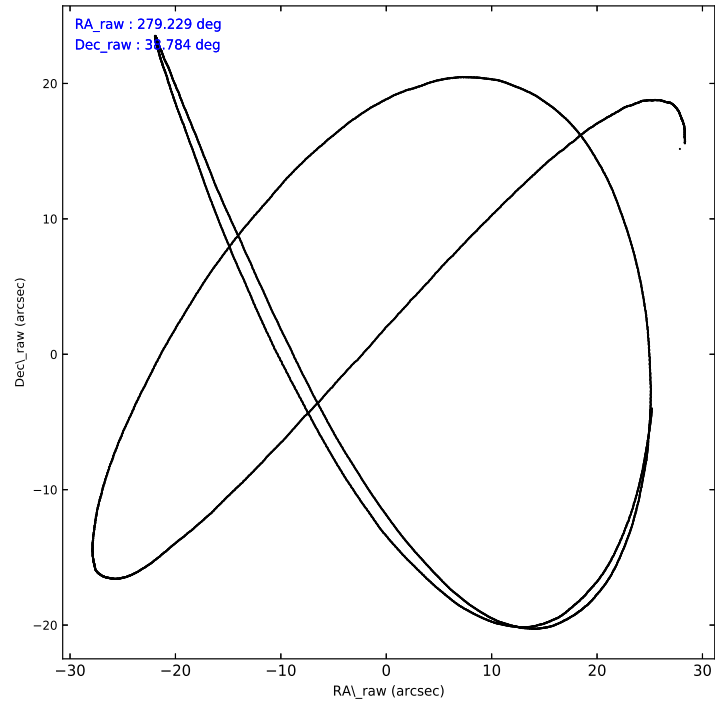
Level 1 Events

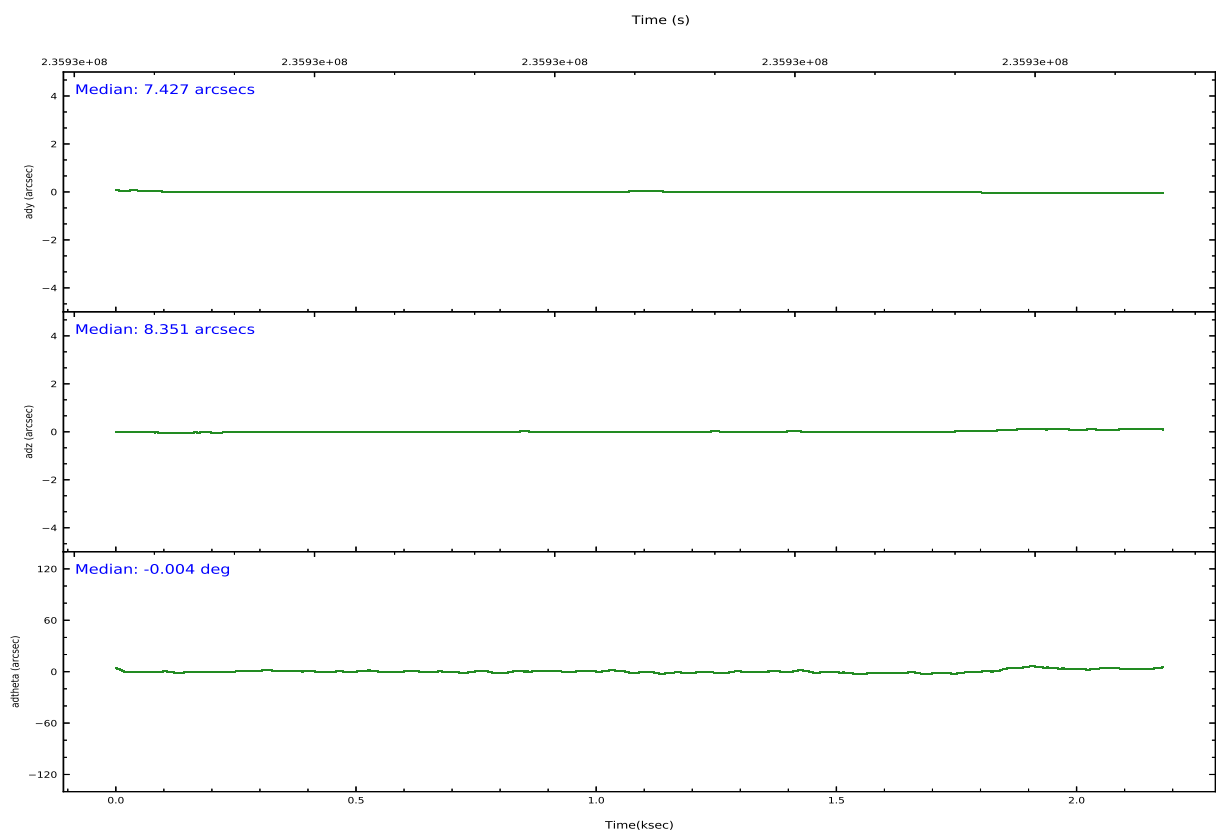
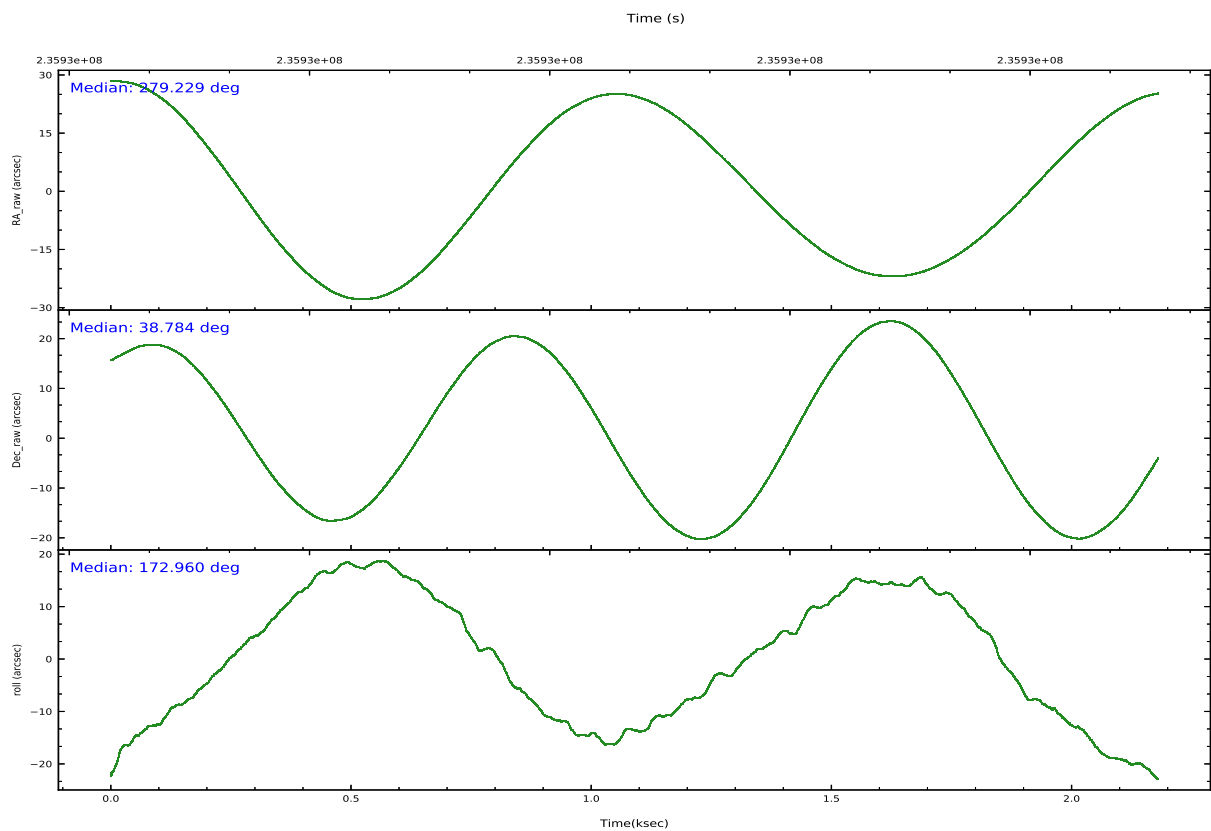
	segment 1	segment 2	segment 3
level 1 events	0	121469	0
rejected events	0	8846	0
rejected %	0%	7%	0%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar version number	8	8
Detector	HRC-S	HRC-S	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
[deg] Pointing RA	279.262100	279.23215943034			
[deg] Pointing Dec	38.796932	38.7864854687			
[deg] Pointing Roll	172.873827	172.96010383438			
[s] Window start time (MET)	231292864.184000	231292864.184000			
[s] Window stop time (MET)	236476864.184000	236476864.184000			
[mm] SIM focus pos	-1.429586	-1.428180813131781			
[mm] SIM defocus	0.1037507710433287	0.1051558262725154			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	235929267.184000	235928891.20547			
Observation start date	2005-06-23T15:53:23	2005-06-23T15:48:11			
[s] Observation end time (MET)	235931267.184000	235931400.91809			
Observation end date	2005-06-23T16:26:43	2005-06-23T16:30:00			

2.3 Aspect



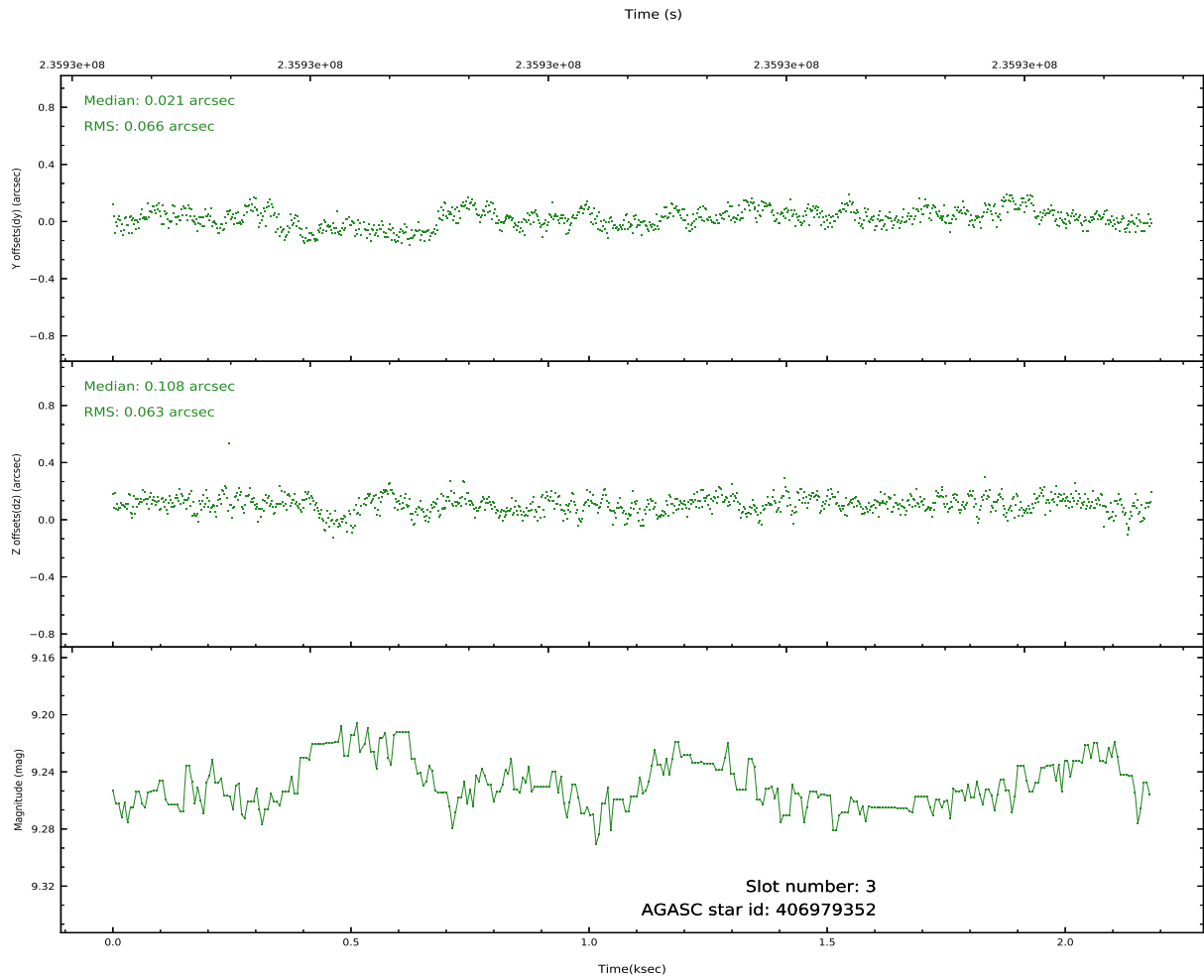
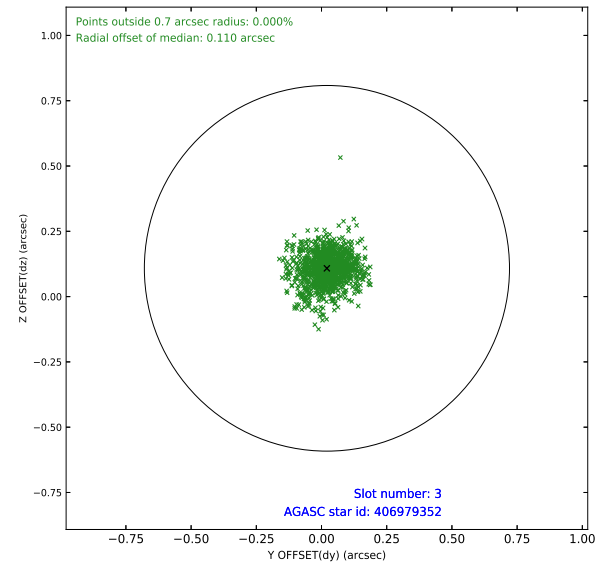
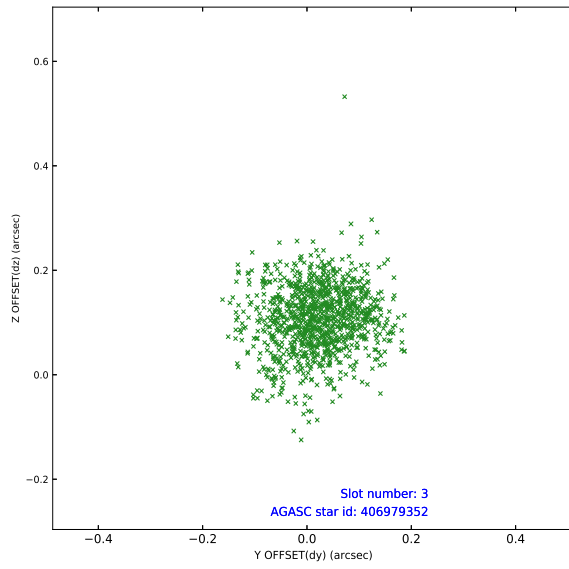


Slot Statistics

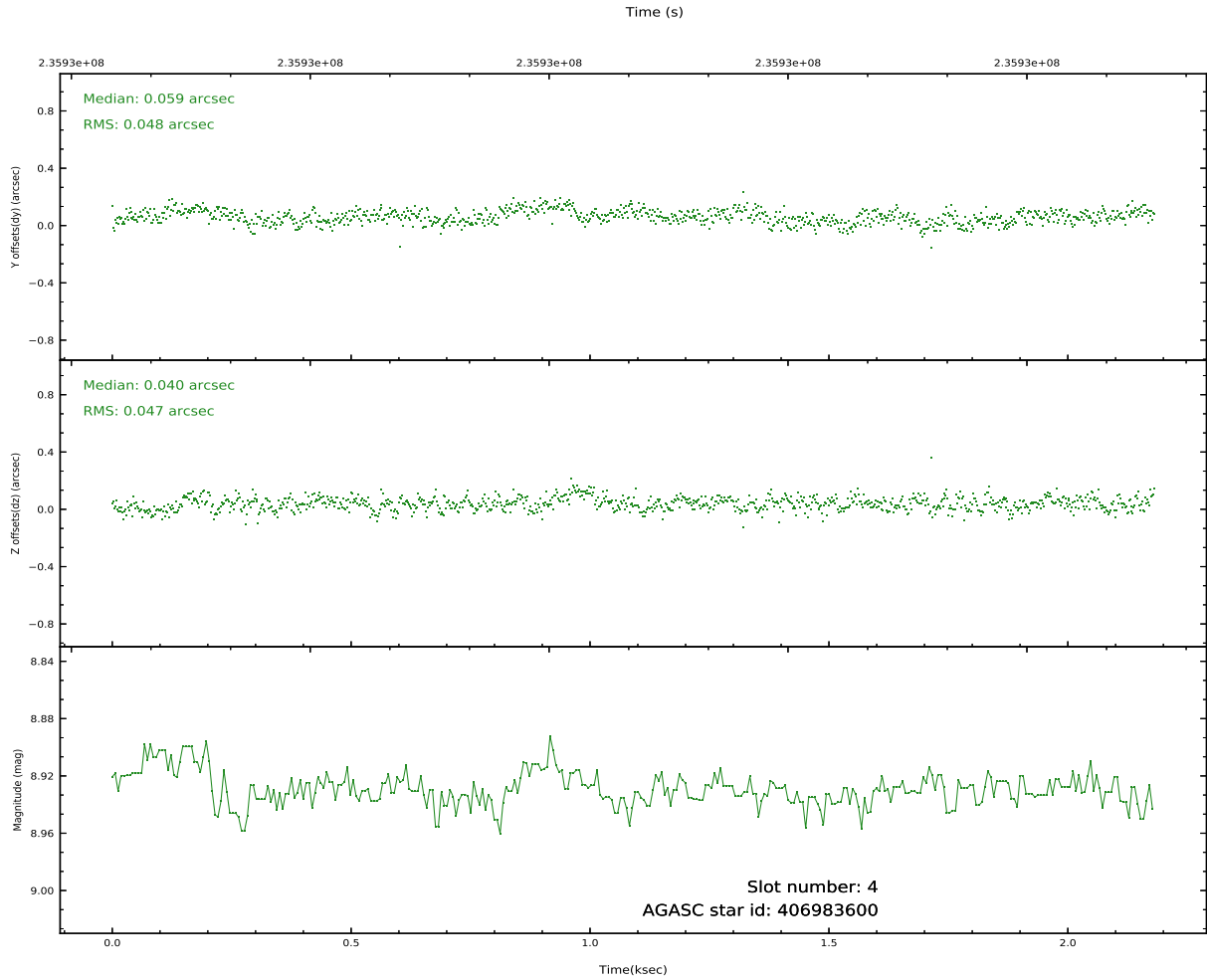
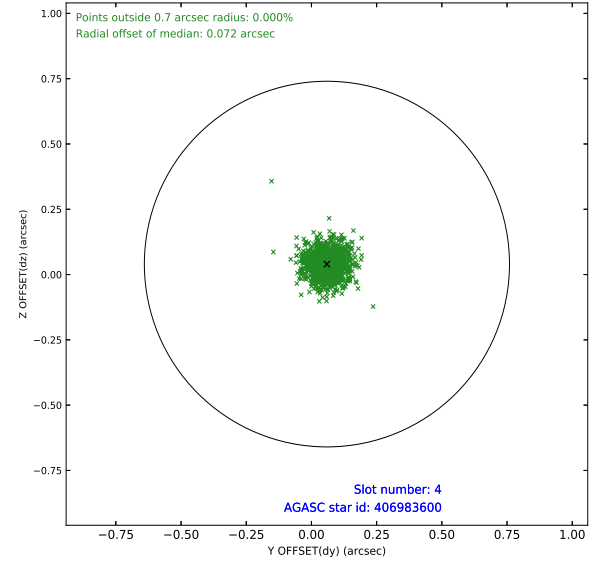
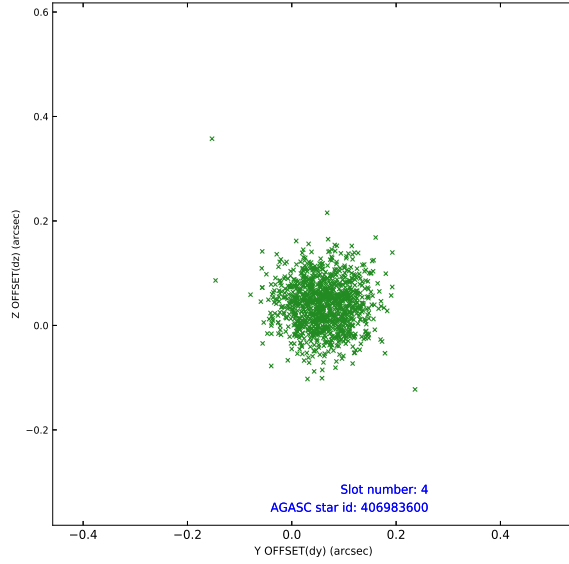
pt	status	used	id	mag	n_pts	frac_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mea
0	FID		HRC-S-2	7.03	533	1.000	0.152	-0.162	0.021	0.049	0.000000	0.000000	1238.12	-449
1	FID		HRC-S-3	7.05	533	1.000	0.021	-0.091	0.009	0.024	0.000000	0.000000	-1162.10	571
2	FID		HRC-S-4	7.00	532	1.000	0.234	-0.043	0.020	0.052	0.000000	0.000000	1234.59	576
3	GUIDE	used	406979352	9.25	1062	1.000	0.021	0.108	0.095	0.158	279.968297	39.230258	-1759.25	-1799
4	GUIDE	used	406983600	8.93	1065	1.000	0.059	0.040	0.070	0.112	279.940957	39.020708	-1784.86	-1043
5	GUIDE	used	406987272	6.93	1065	1.000	-0.160	-0.138	0.050	0.078	278.536588	38.437504	1869.14	1528
6	GUIDE	used	407510432	8.16	1065	1.000	0.103	-0.011	0.098	0.152	278.762778	39.530640	1706.49	-2451
7	GUIDE	used	407521232	8.64	1064	1.000	-0.022	0.002	0.090	0.137	279.628883	39.431715	-726.09	-2398

2.4 Star Slots

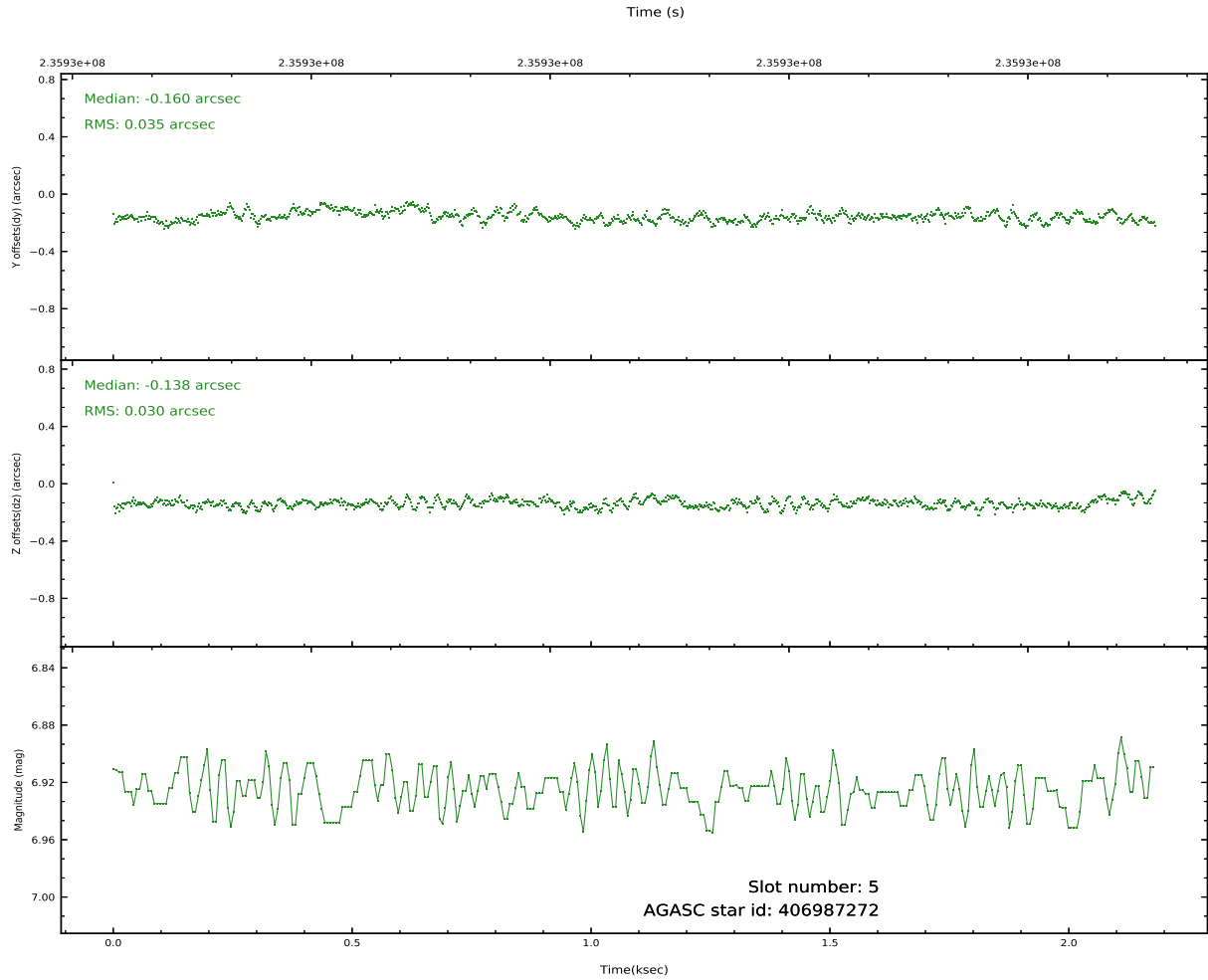
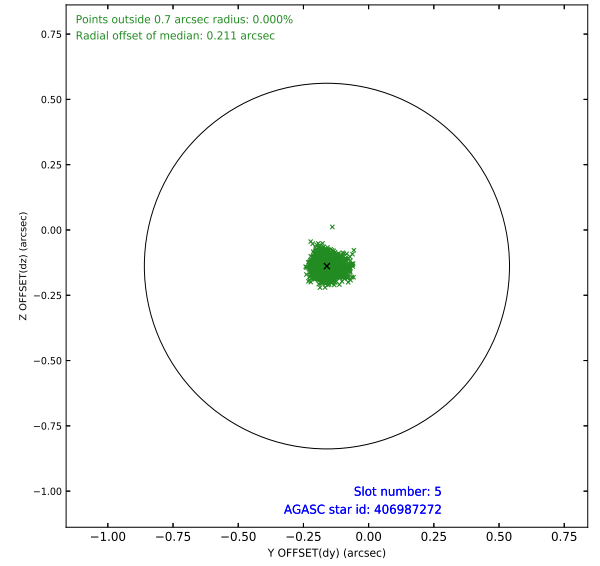
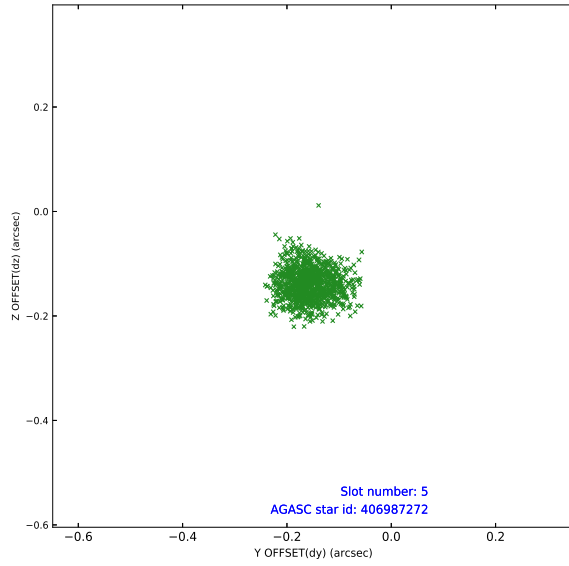
2.4.1 Slot 3



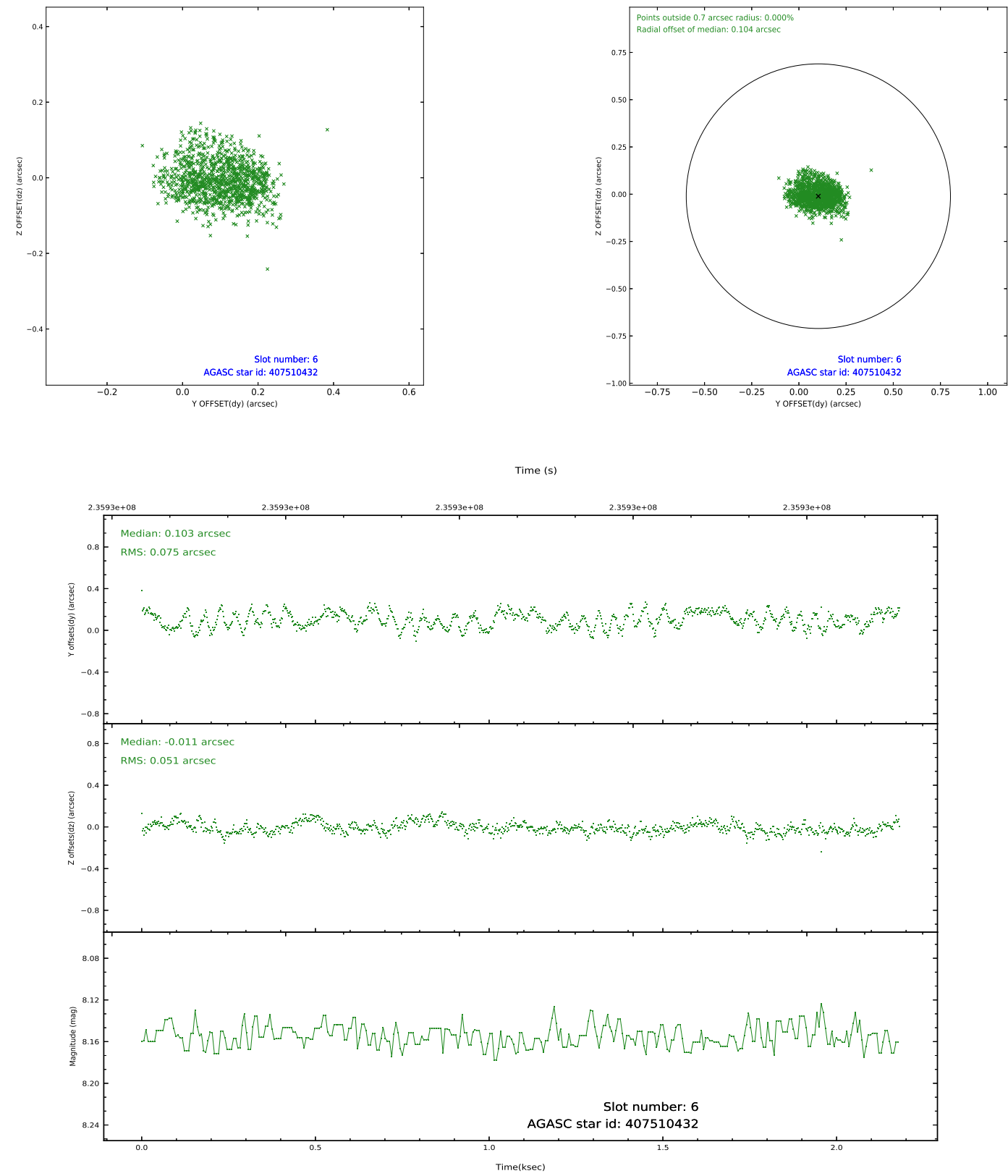
2.4.2 Slot 4



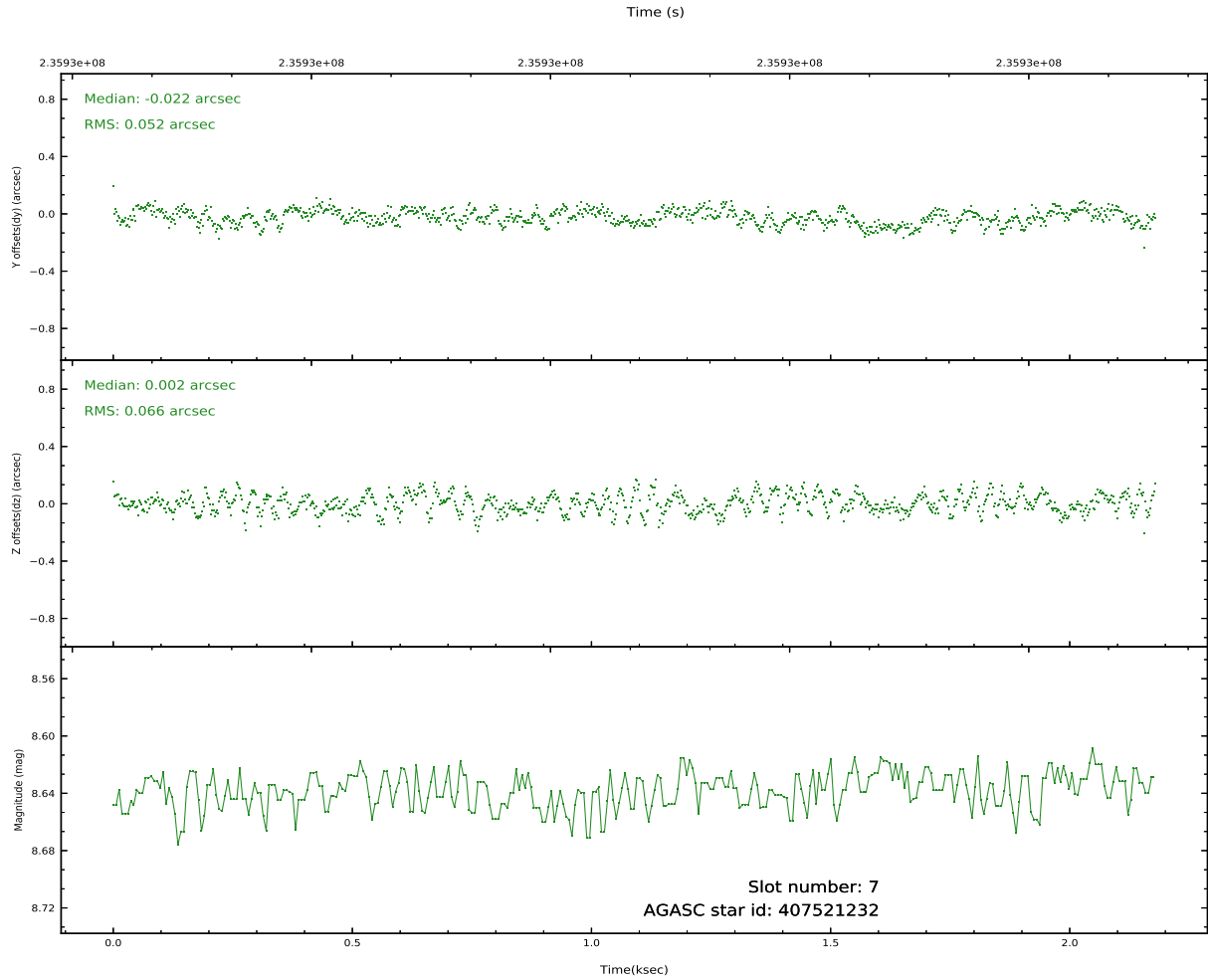
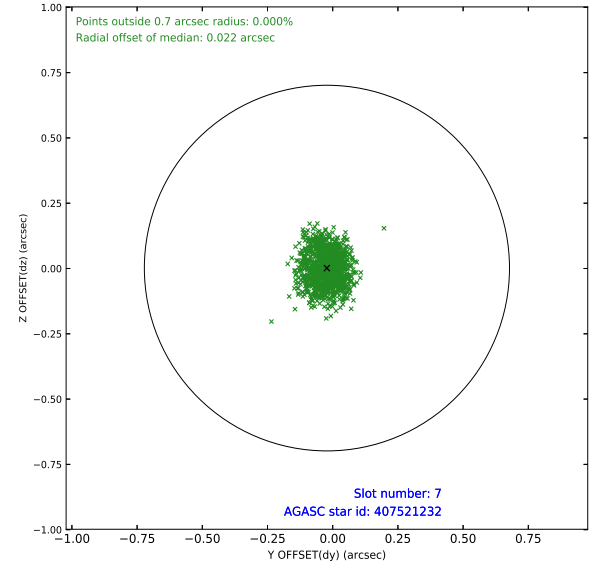
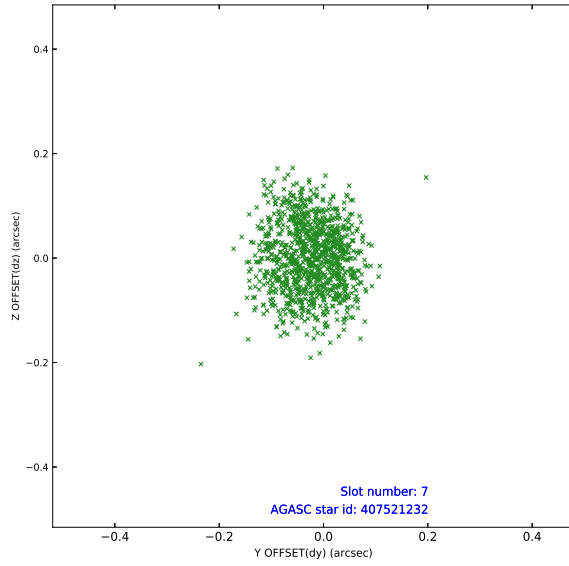
2.4.3 Slot 5



2.4.4 Slot 6

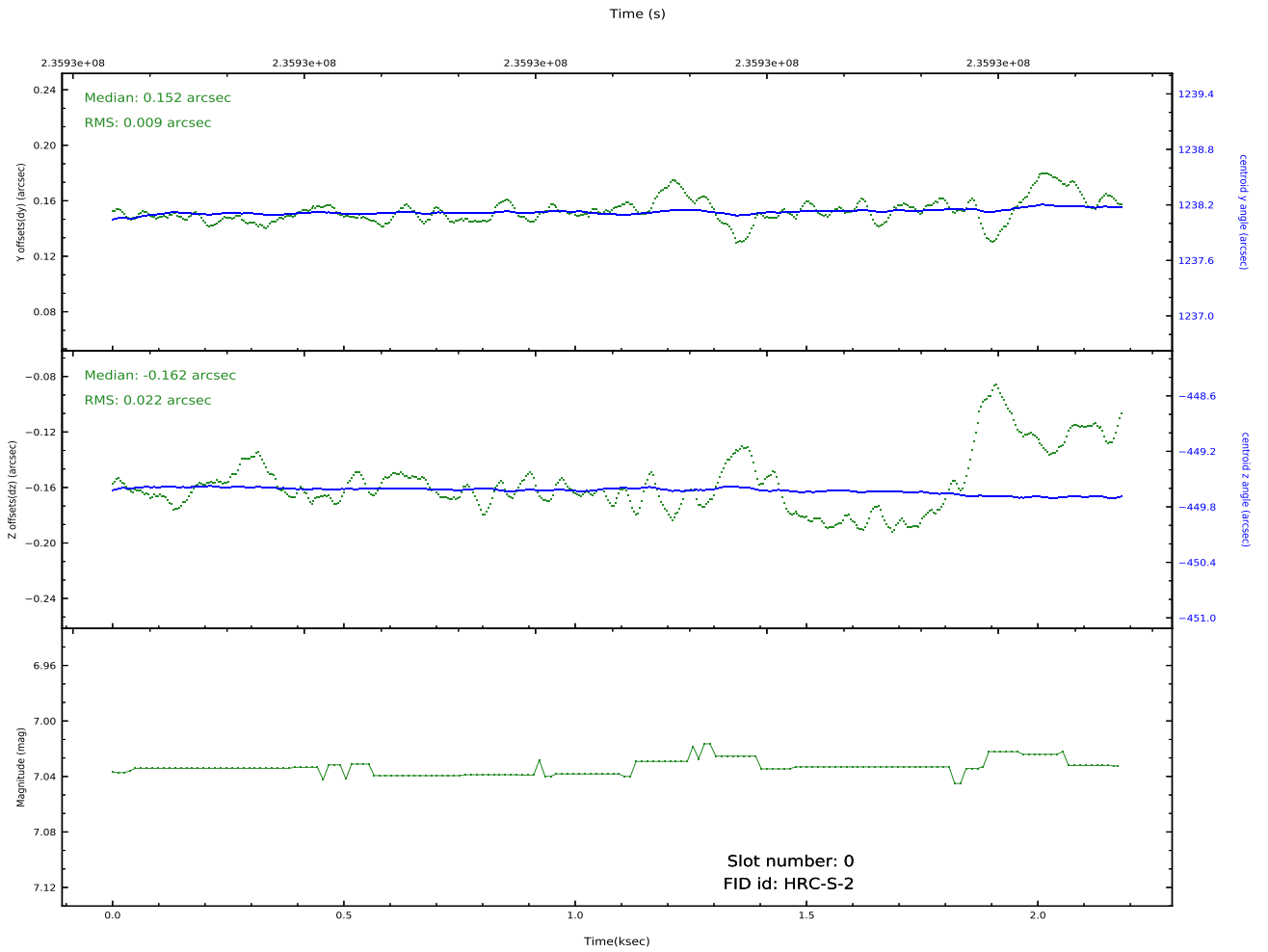
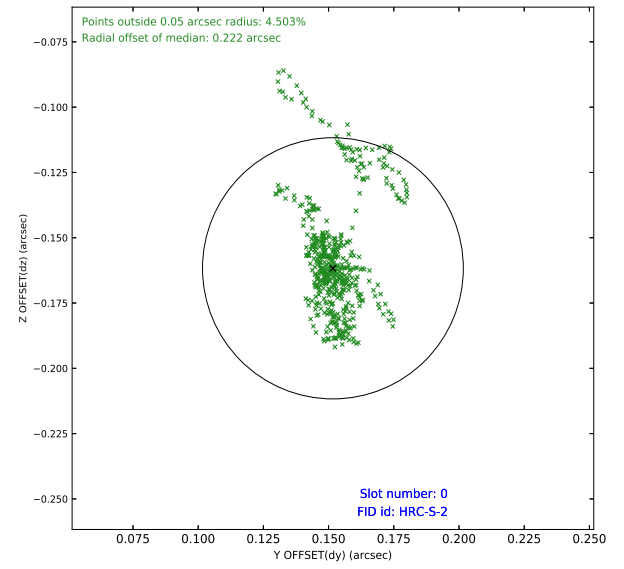
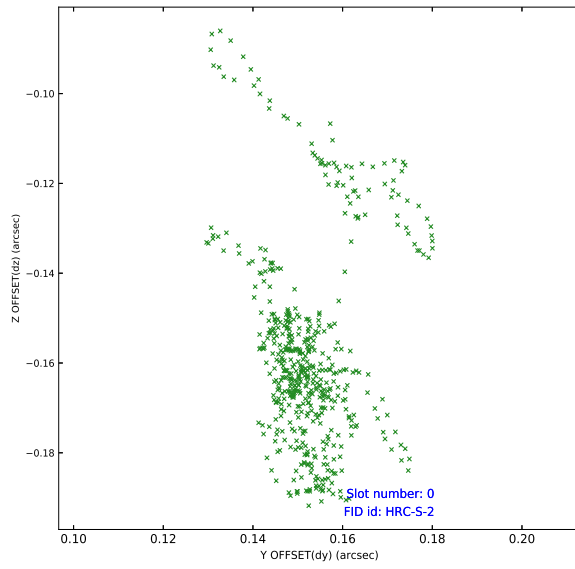


2.4.5 Slot 7

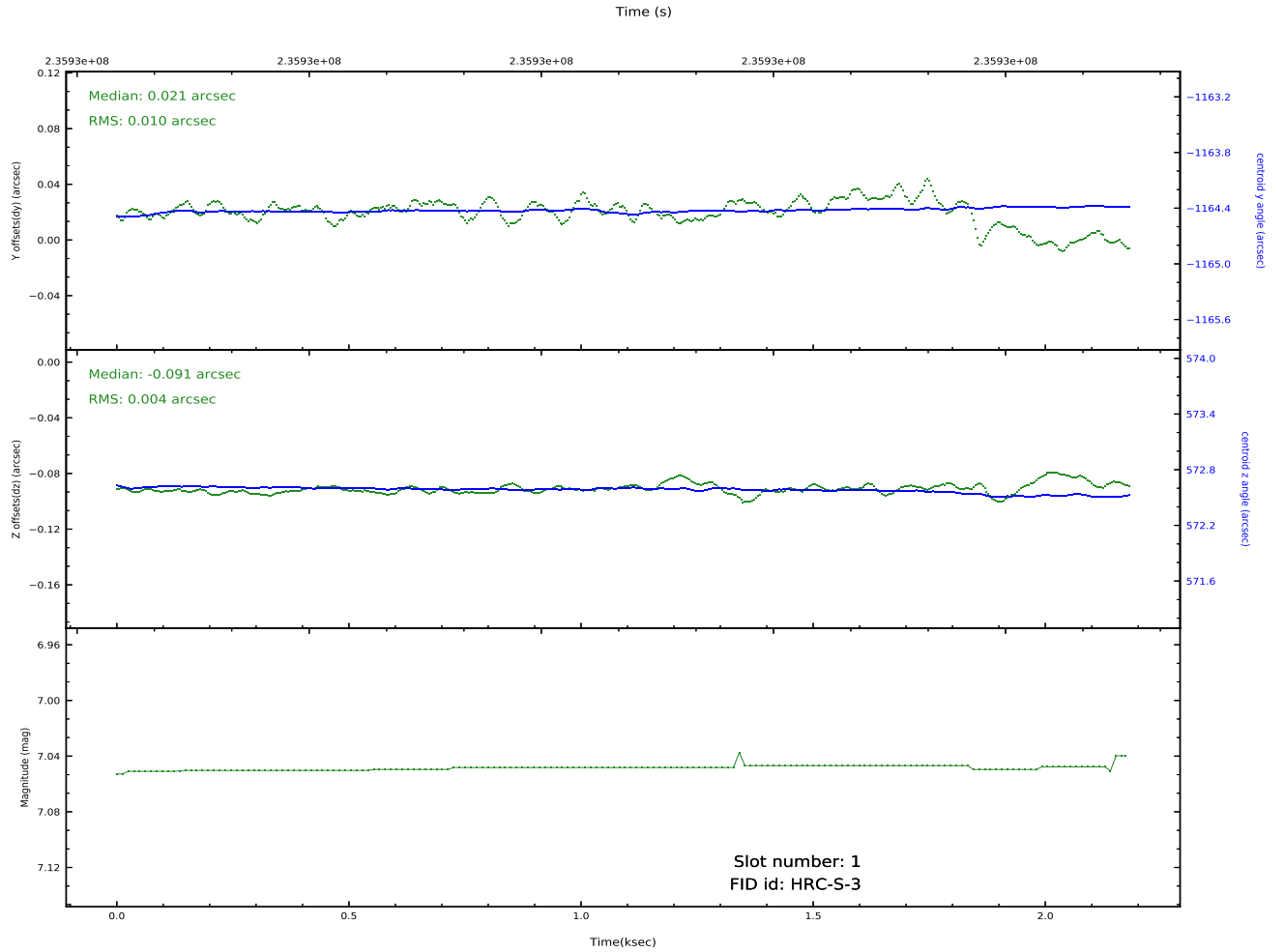
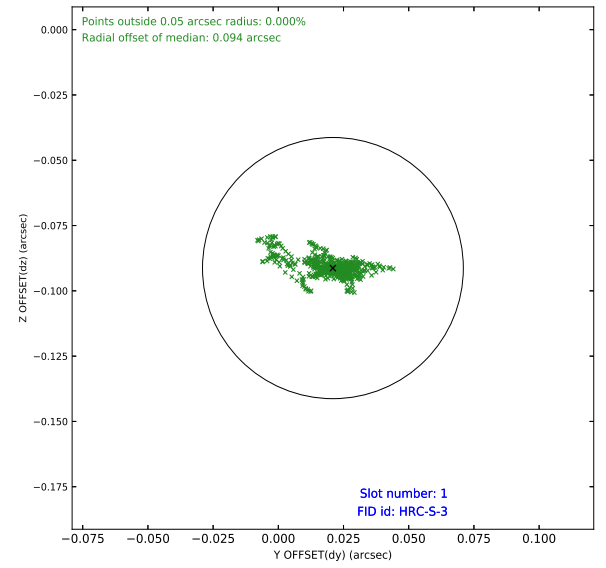
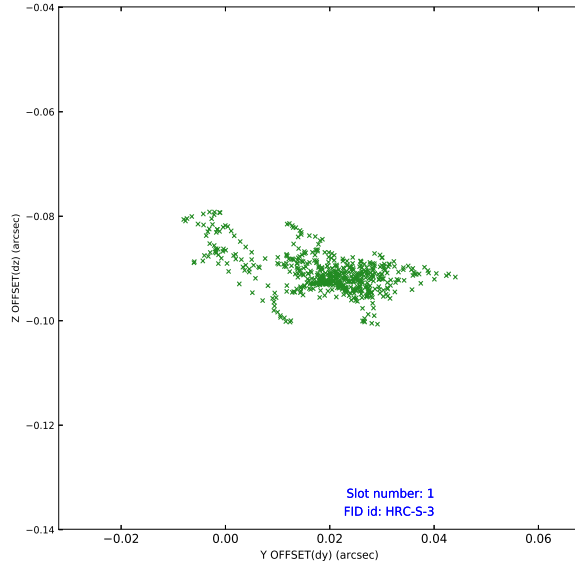


2.5 FID Slots

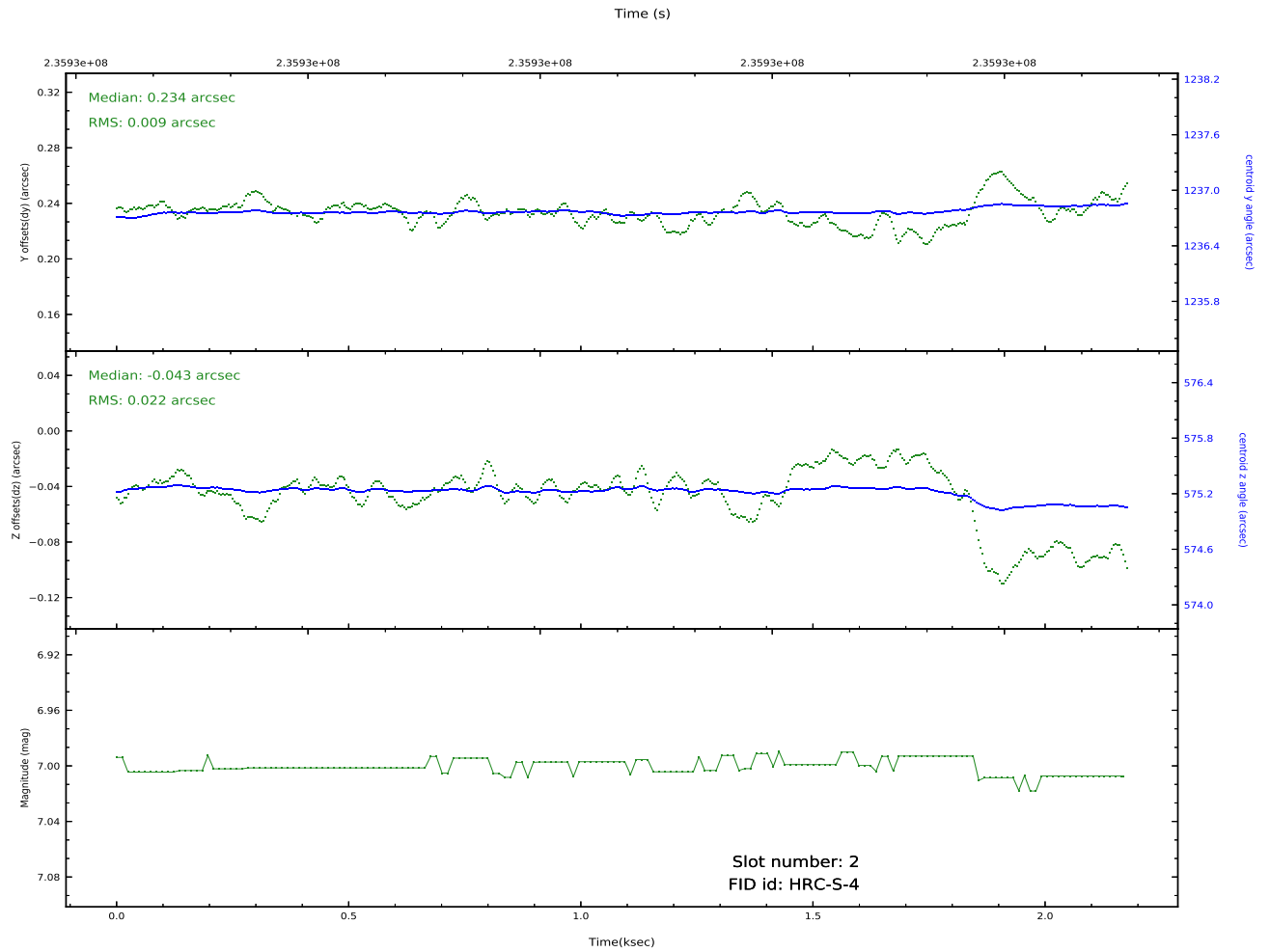
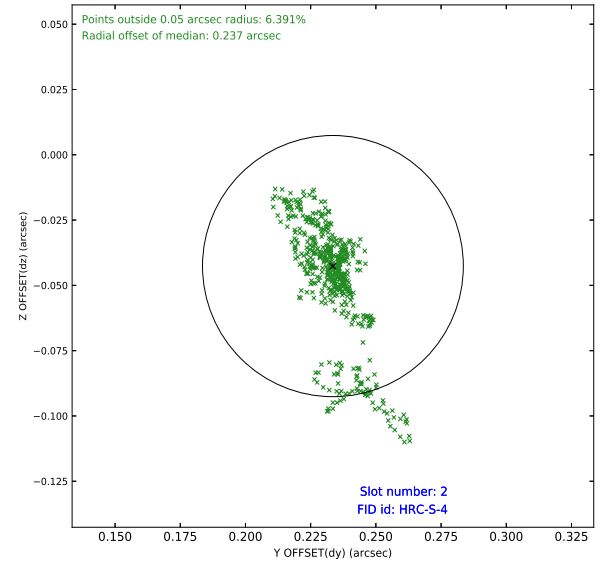
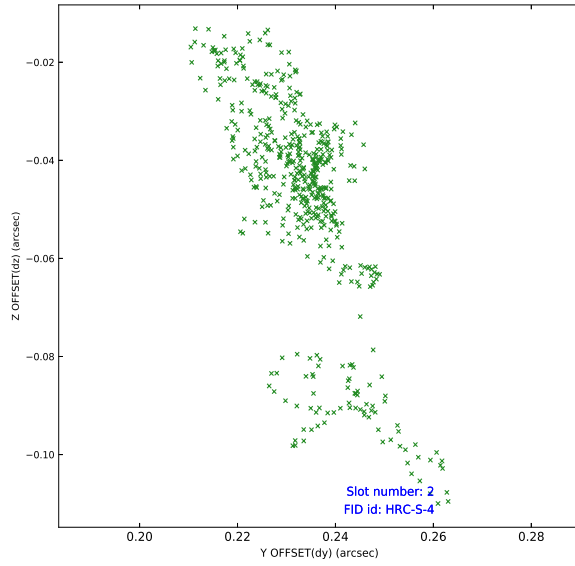
2.5.1 Slot 0



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)	2020.10.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.152756

A.2 Comments

Window constraint met.