

V&V Reference Report

L2 ASCDS Version : 10.9.1

Observation 5965 - L2 Version 5
Chandra X-Ray Center

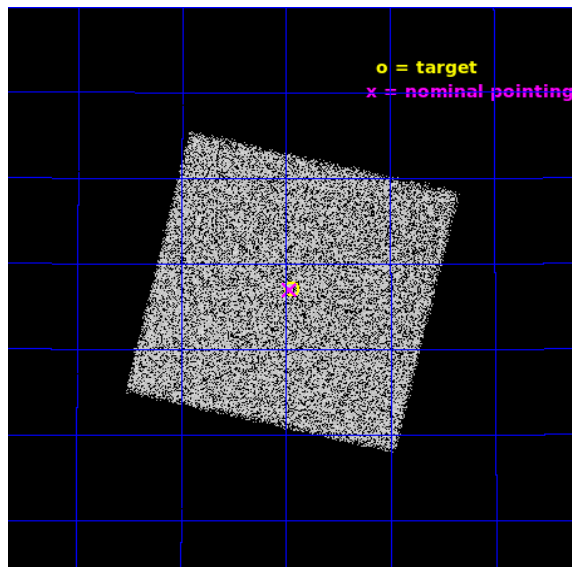
L2 Processing Date : Oct 6 2020

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1 Front

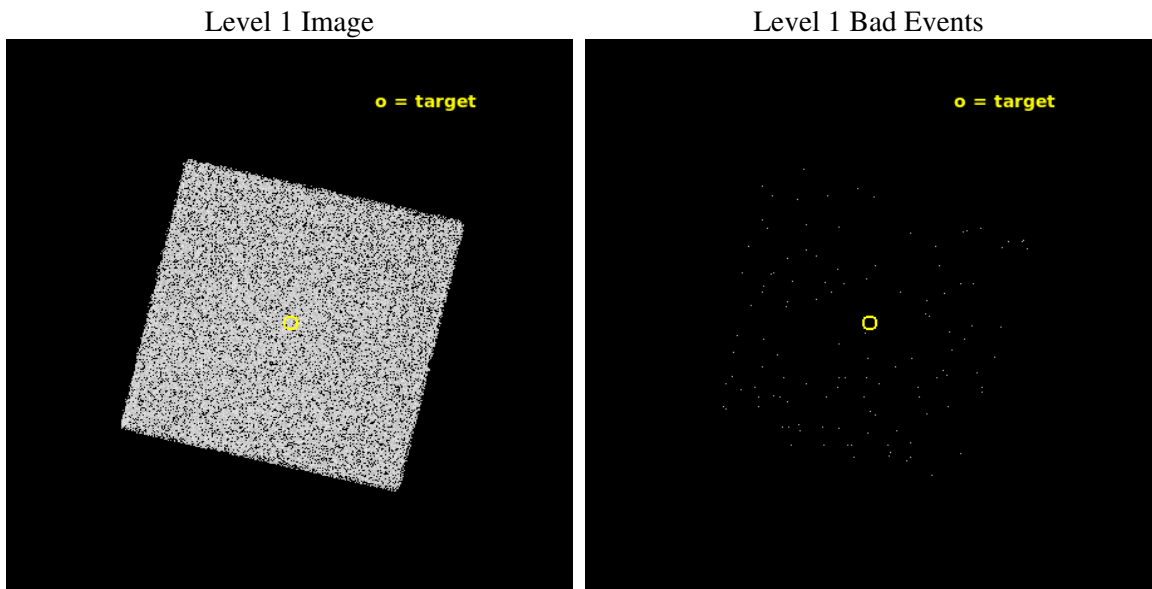
seq_num	290457	Sequence number
obs_id	5965	Observation id
title	AO6 Measurements of the optical/UV Transmission of the HRC and ACIS Filters.	Proposal title
observer	CXC Calibration	Principal investigator
object	Vega	Source name
ra_targ	279.235	Observer's specified target RA [deg]
dec_targ	38.783778	Observer's specified target Dec [deg]
ra_nom	279.24043442912	Nominal RA [deg]
dec_nom	38.783205386402	Nominal Dec [deg]
roll_nom	58.287380087676	Nominal Roll [deg]
revision	5	Processing version of data
ontime	1795.0313312709	[s]
livetime	1783.6008949236	Ontime multiplied by DTCOR
l2events	60333	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	1795.0313312709	[s]
caldsver	4.9.2	 	l1events	93203	Number of level 1 events
date	2020-10-06T21:48:29	Date and time of file creation			
revision	5	Processing version of data			

2.1.3 Events

Level 1 Events

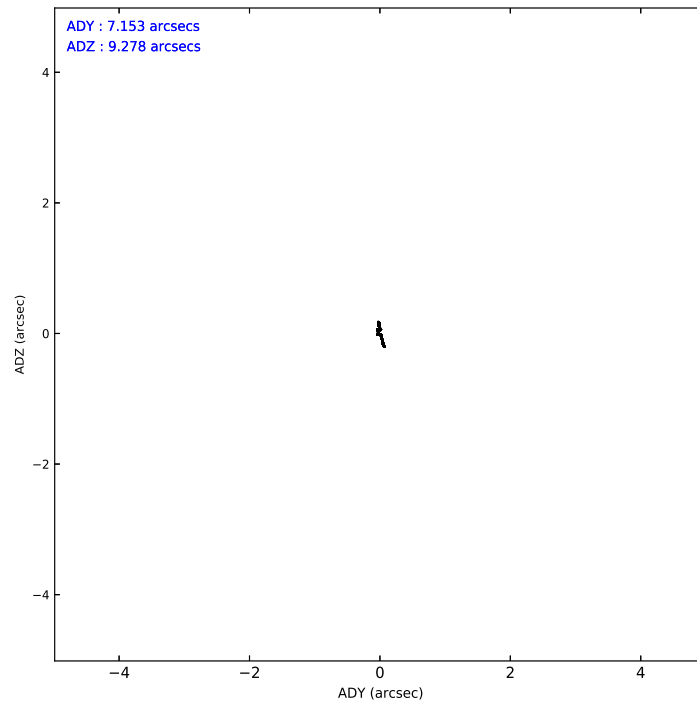
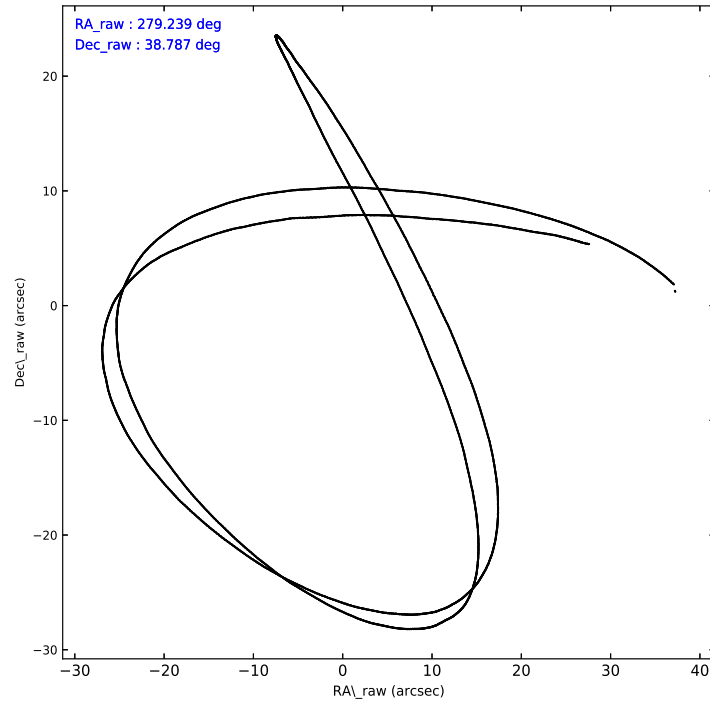
	segment 0
level 1 events	93203
rejected events	3402
rejected %	3%

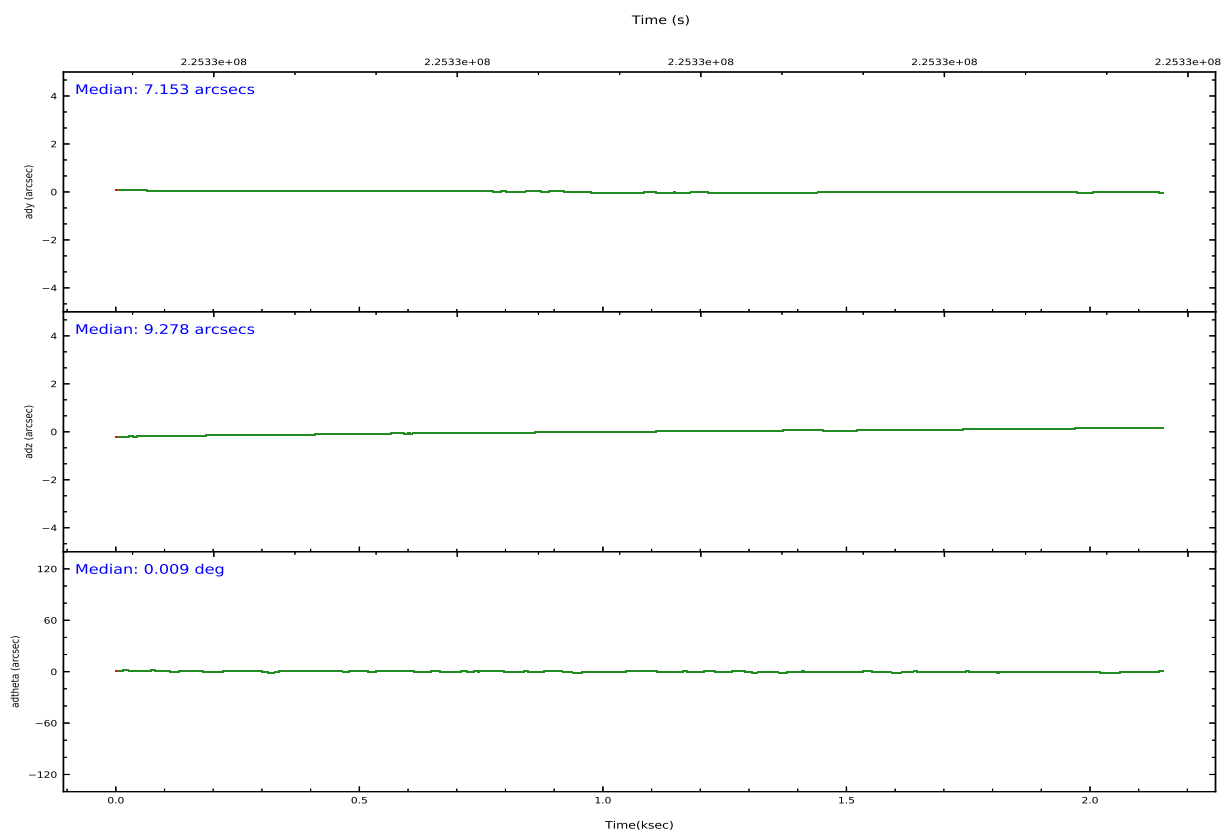
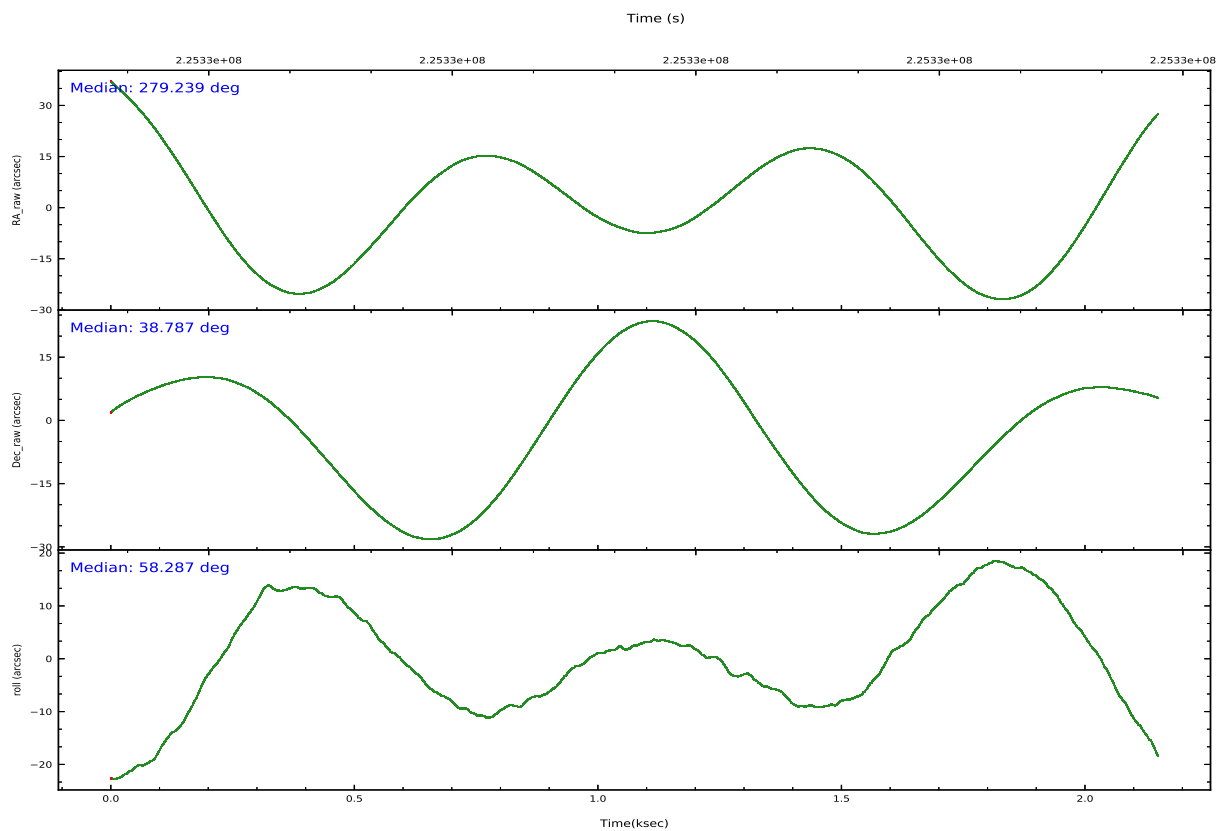
2.2 Compared Parameters

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	279.239124	279.24043442912
[deg] Pointing Dec	38.759109	38.783205386402
[deg] Pointing Roll	58.392157	58.287380087676
[s] Window start time (MET)	223603264.184000	223603264.184000
[s] Window stop time (MET)	228614464.184000	228614464.184000
[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)	225329949.184000	225329551.76094
Observation start date	2005-02-20T23:38:05	2005-02-20T23:32:31
[s] Observation end time (MET)	225331949.184000	225332086.07356
Observation end date	2005-02-21T00:11:25	2005-02-21T00:14:46

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

2.3 Aspect



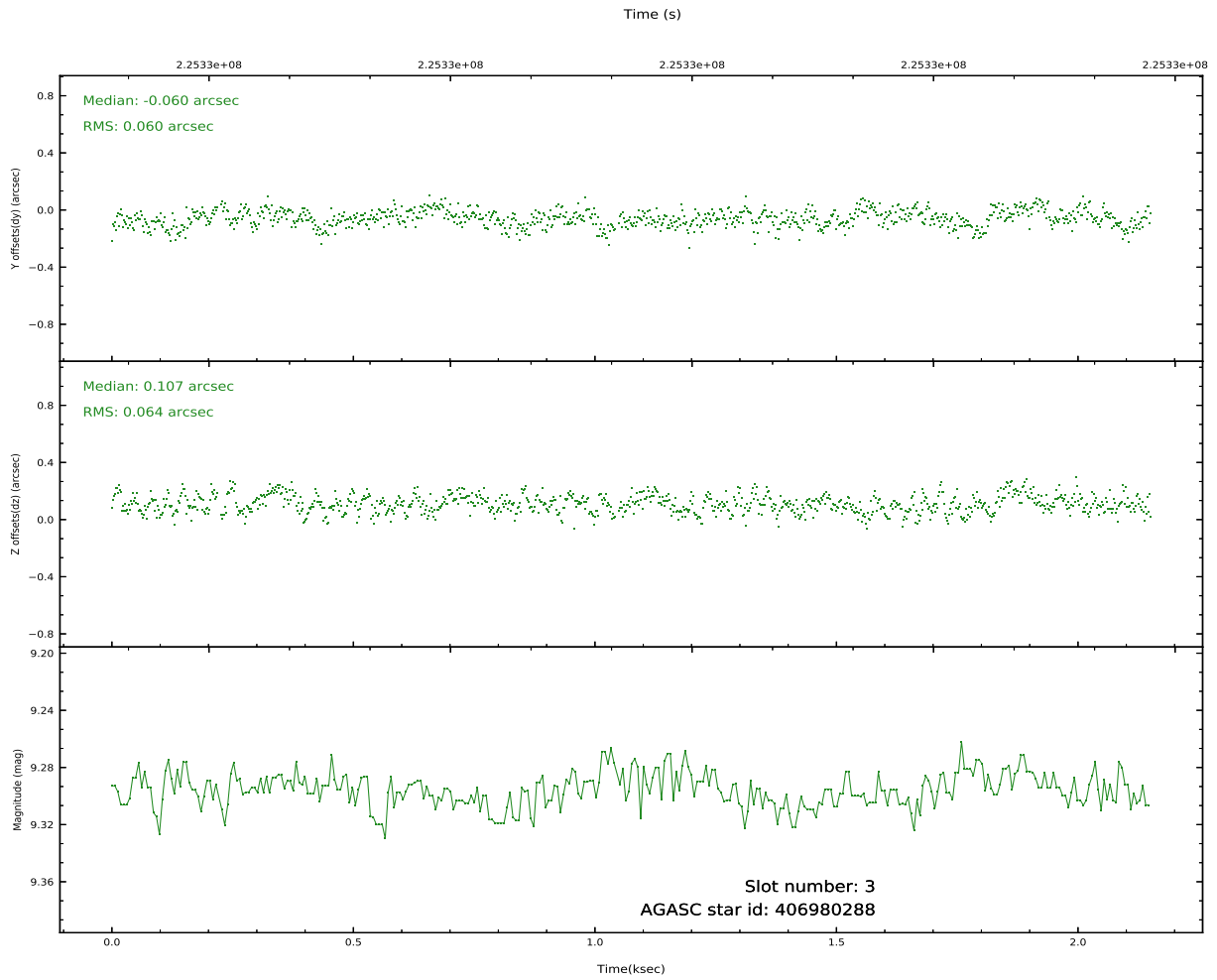
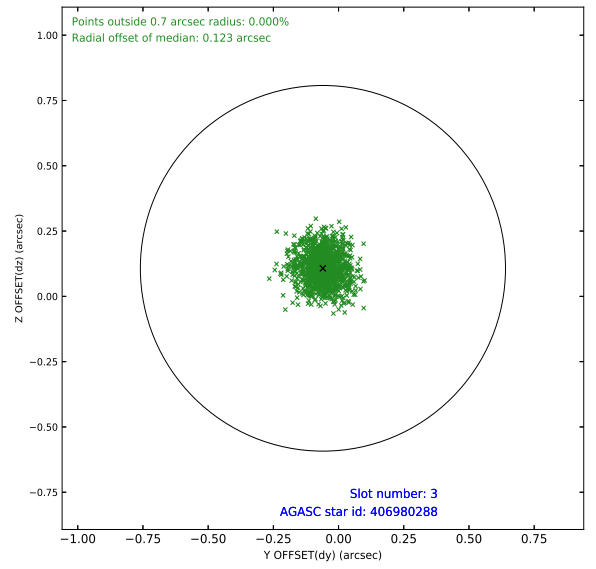
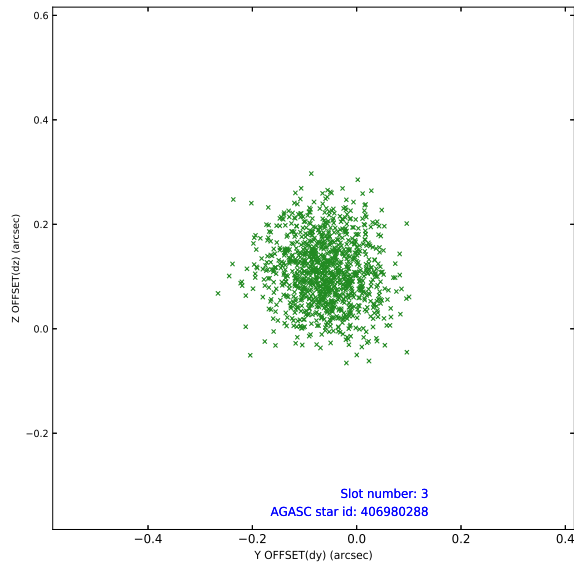


Slot Statistics

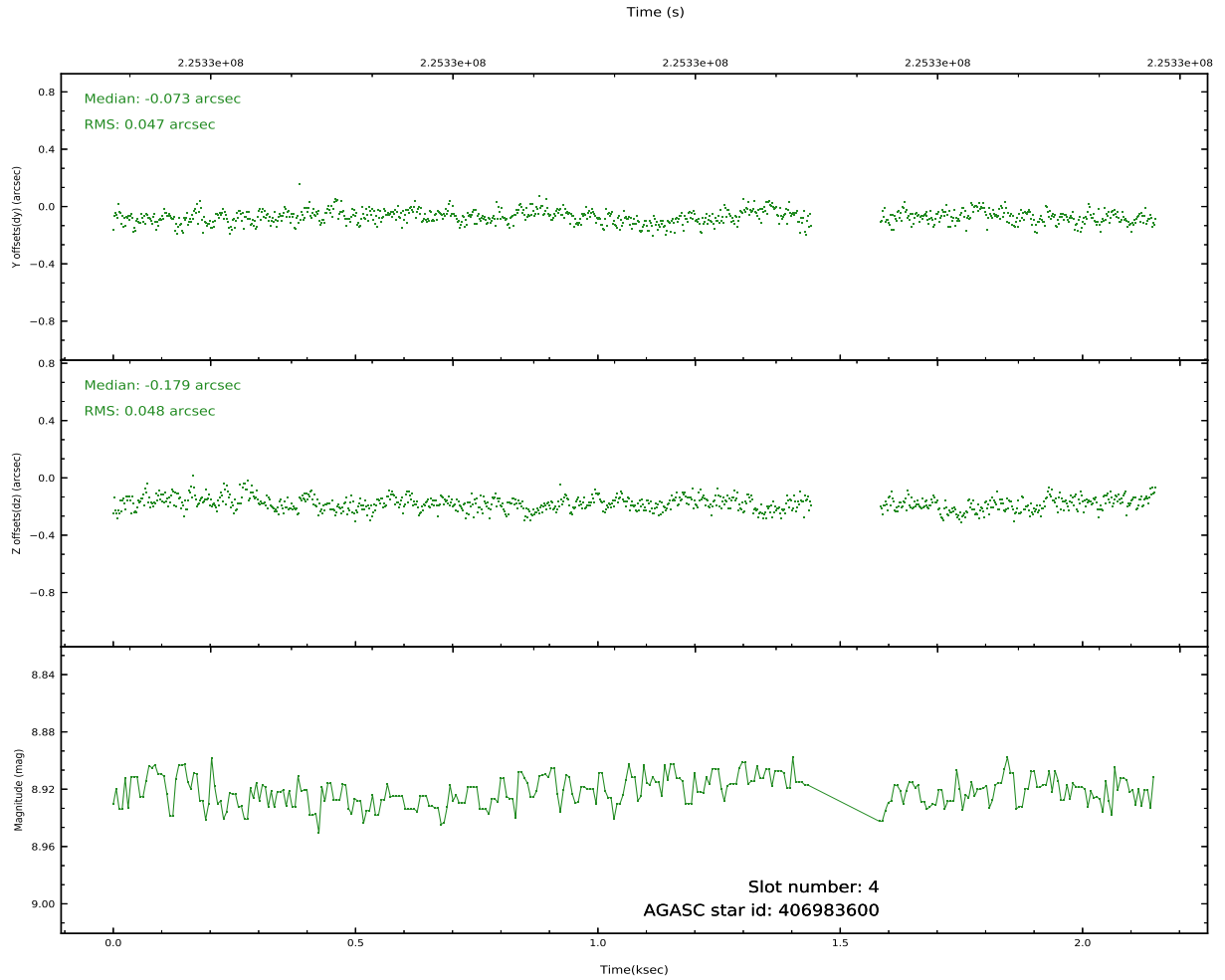
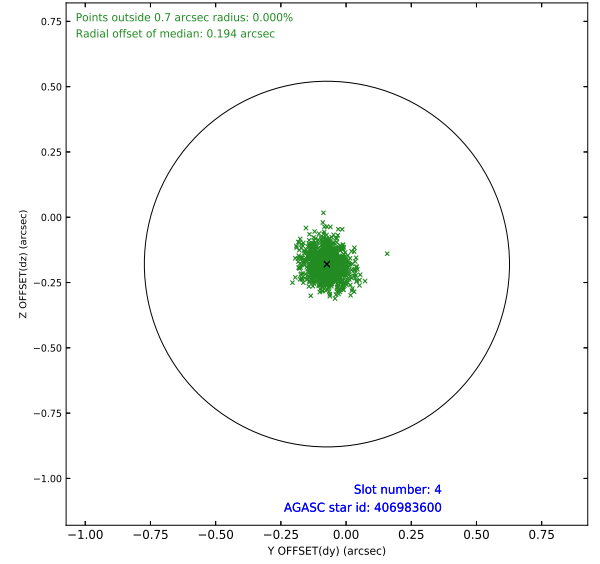
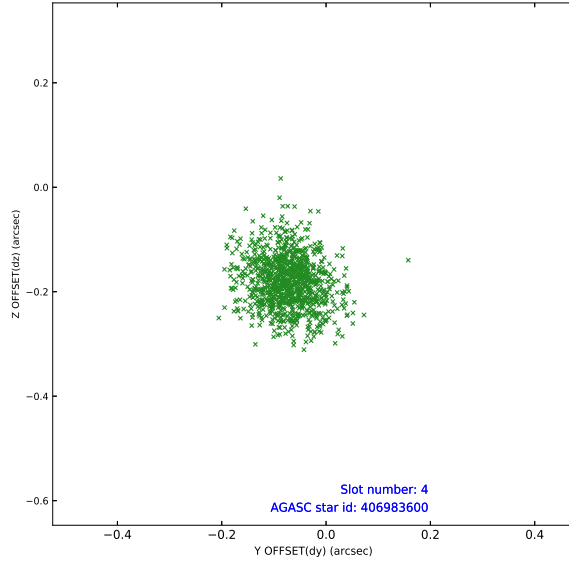
	status	used	id	mag	n_pts	frac_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	m
	FID		HRC-I-1	6.99	525	1.000	-0.024	0.033	0.007	0.011	0.000000	0.000000	-762.77	-12
	FID		HRC-I-2	7.03	525	1.000	0.140	-0.084	0.007	0.012	0.000000	0.000000	848.57	-13
	FID		HRC-I-3	7.07	525	1.000	0.005	-0.039	0.008	0.013	0.000000	0.000000	-1189.61	10
	GUIDE	used	406980288	9.30	1044	1.000	-0.060	0.107	0.094	0.147	278.903147	39.061646	438.63	13
	BAD	used	406983600	8.92	981	1.000	-0.073	-0.179	0.071	0.116	279.940957	39.020708	1837.15	-11
	GUIDE	used	406985120	7.42	1050	1.000	-0.049	0.086	0.071	0.114	278.839732	38.894839	-166.30	12
	GUIDE	used	406987272	6.94	1050	1.000	0.018	-0.135	0.049	0.083	278.536588	38.437504	-2017.55	10
	GUIDE	used	406989616	8.23	1049	1.000	0.154	0.110	0.077	0.117	279.202881	38.520843	-785.47	-3

2.4 Star Slots

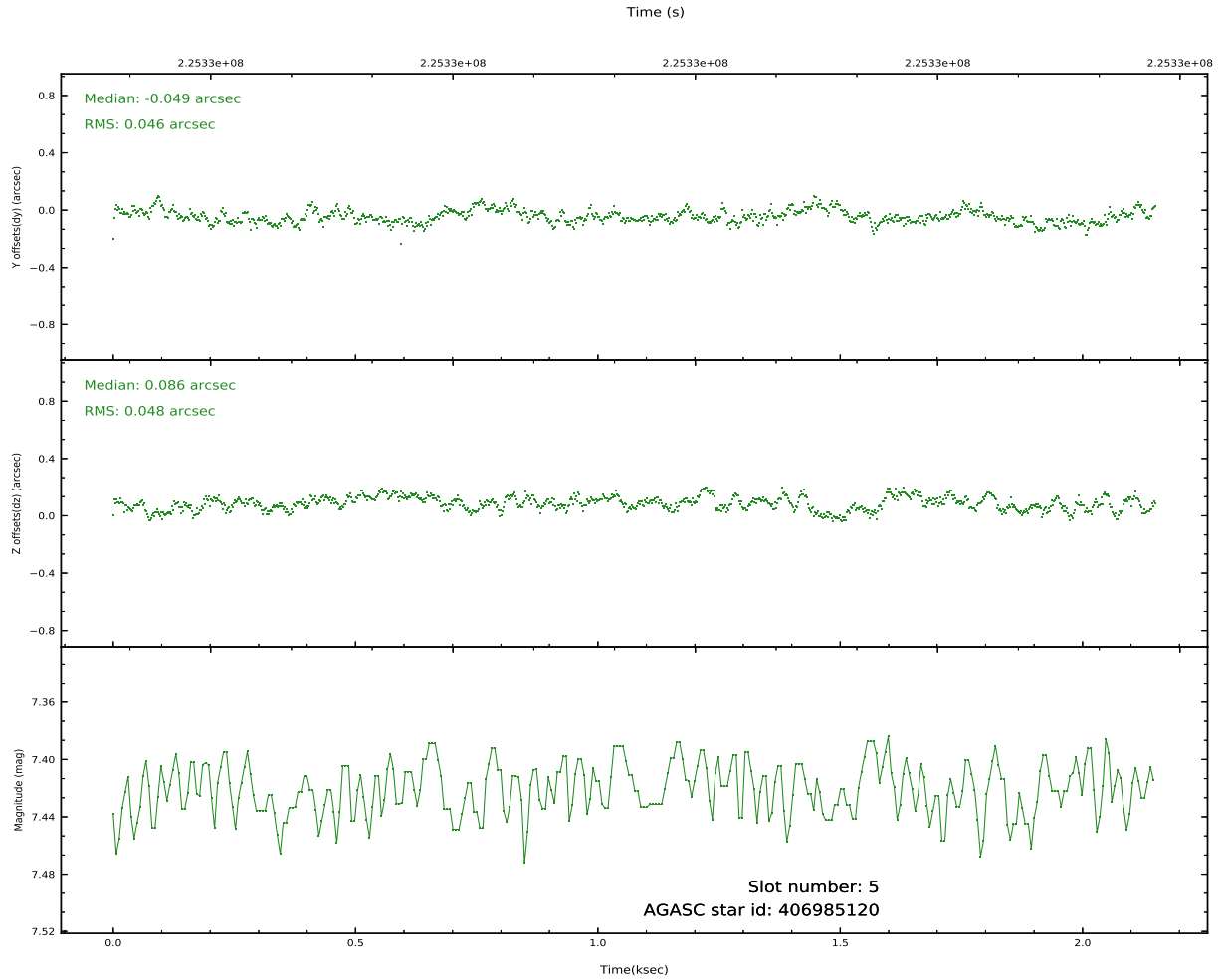
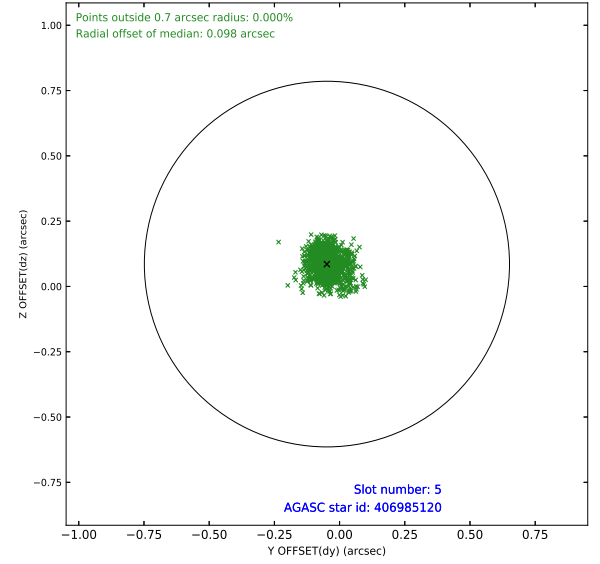
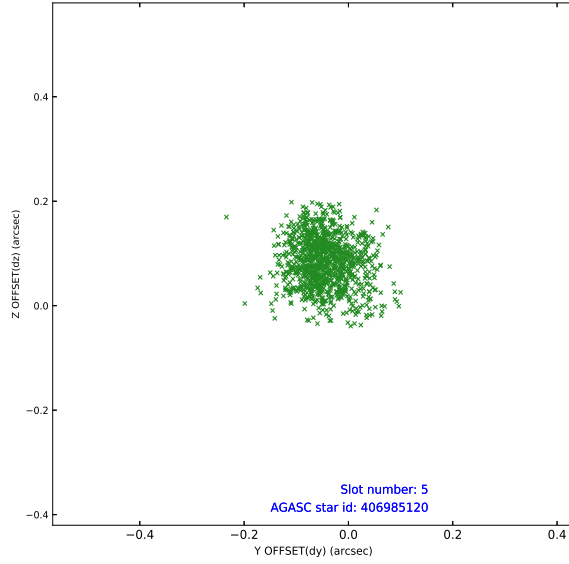
2.4.1 Slot 3



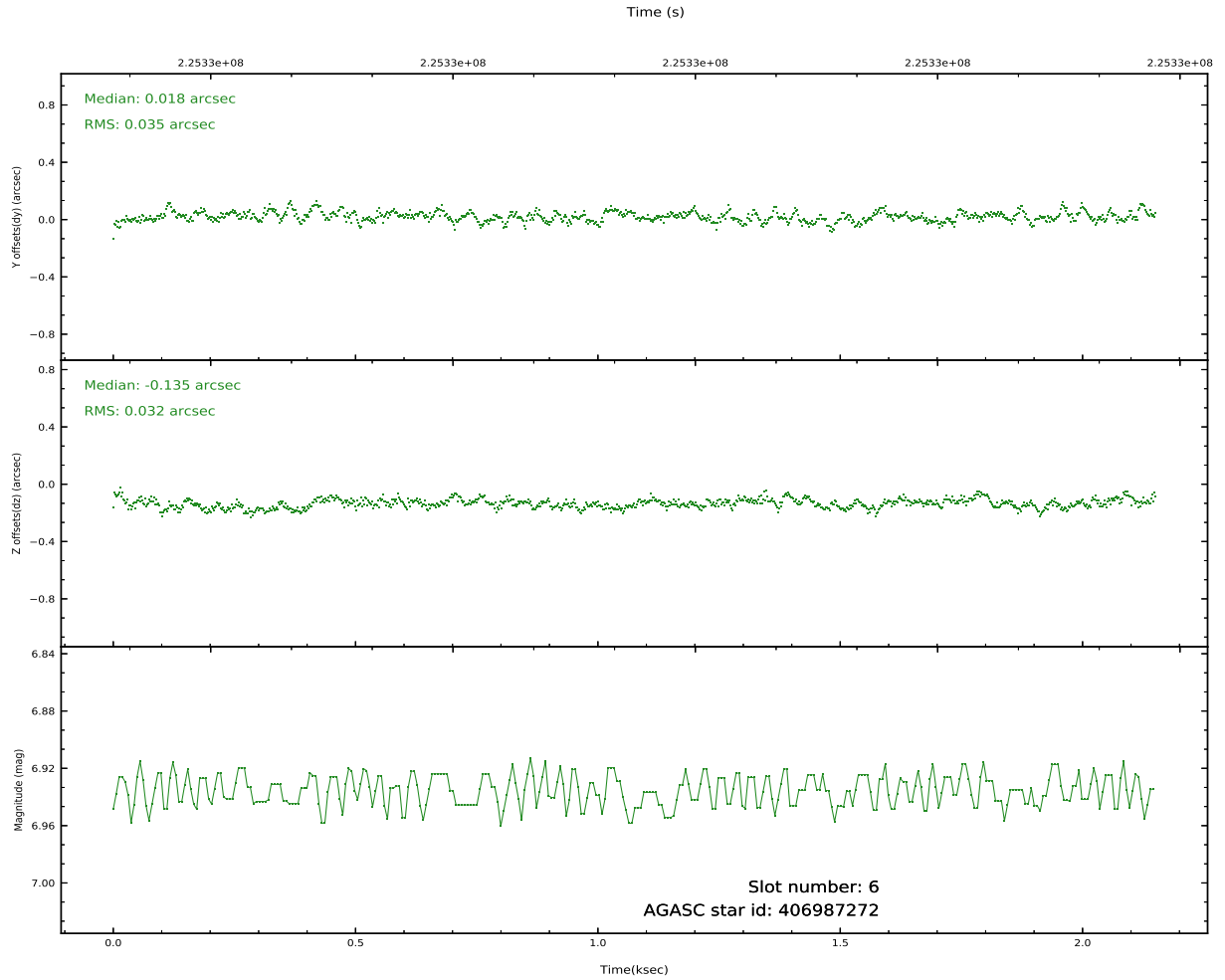
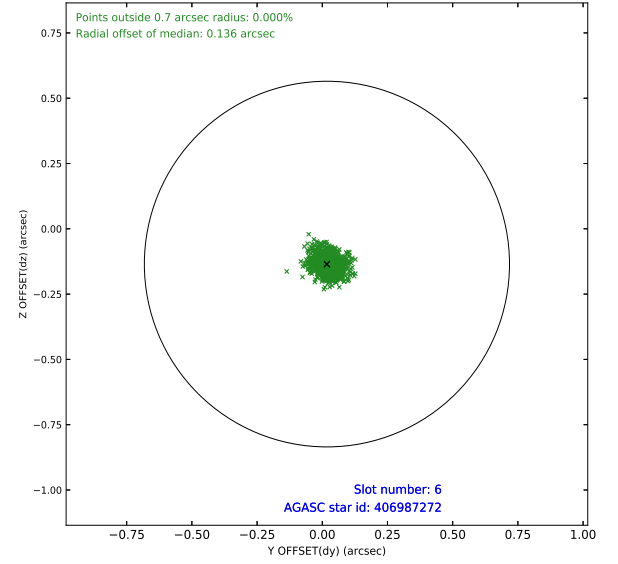
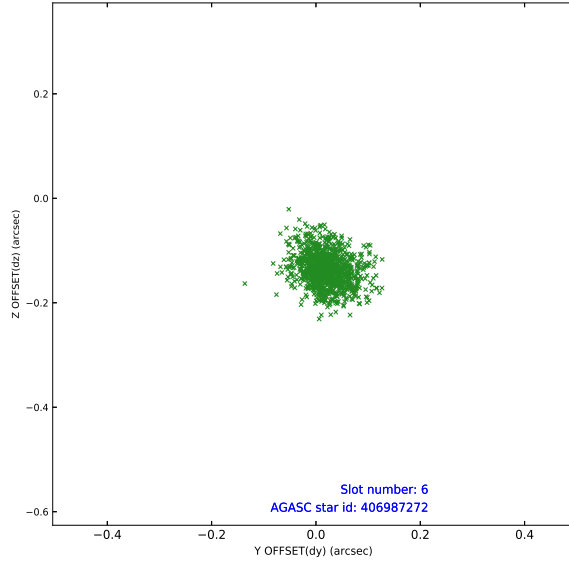
2.4.2 Slot 4



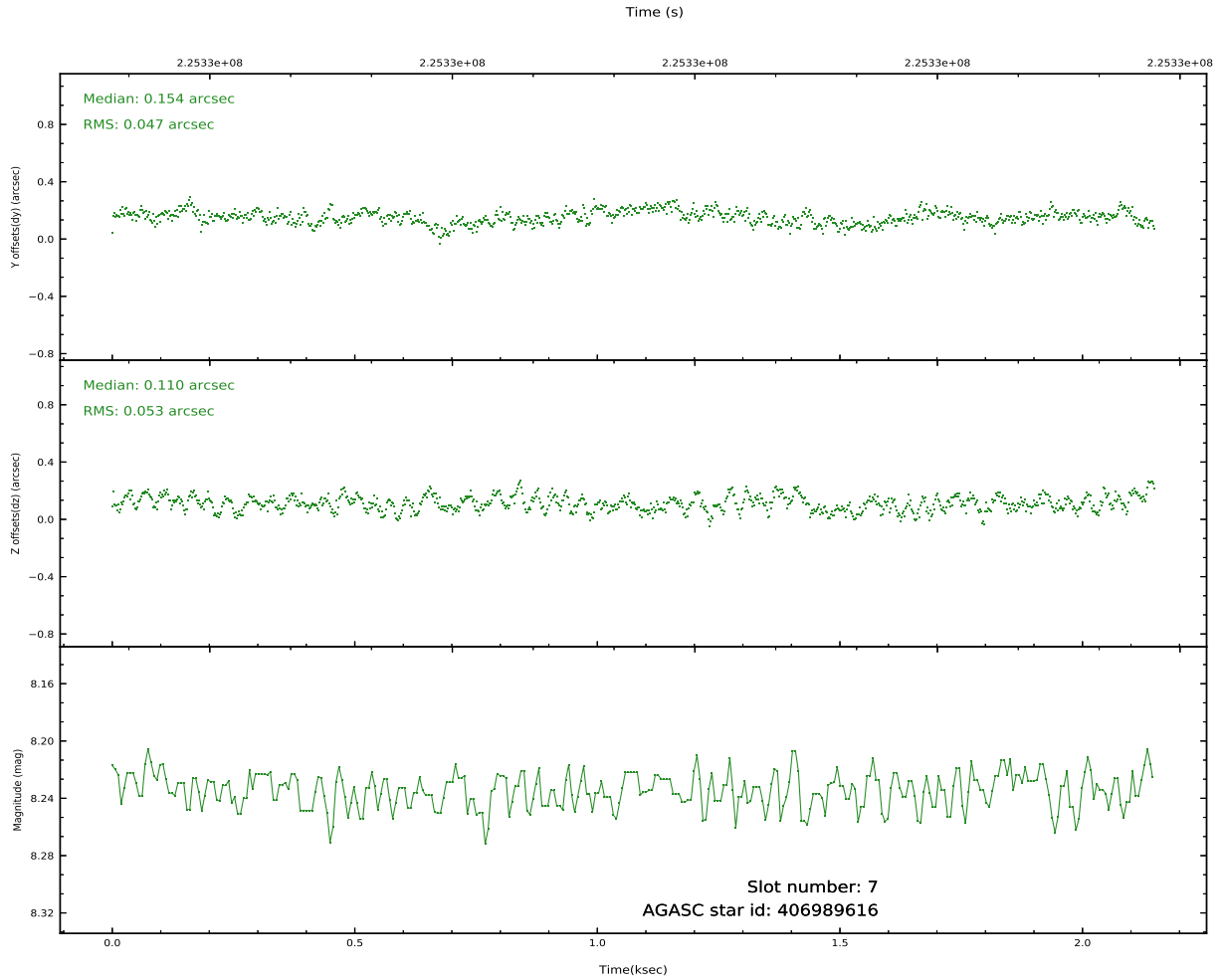
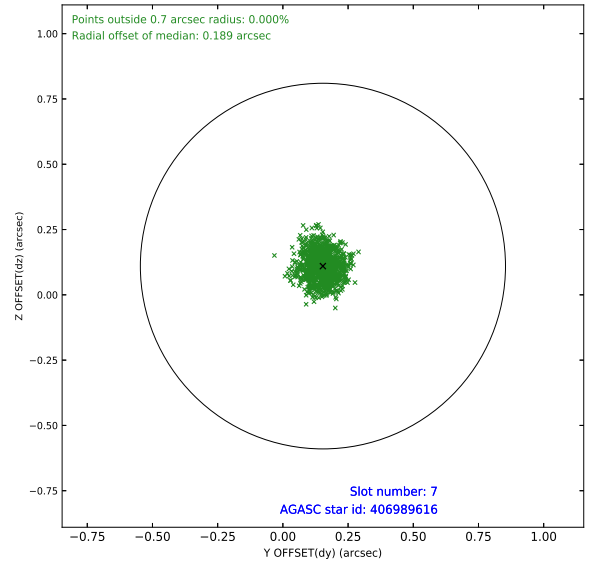
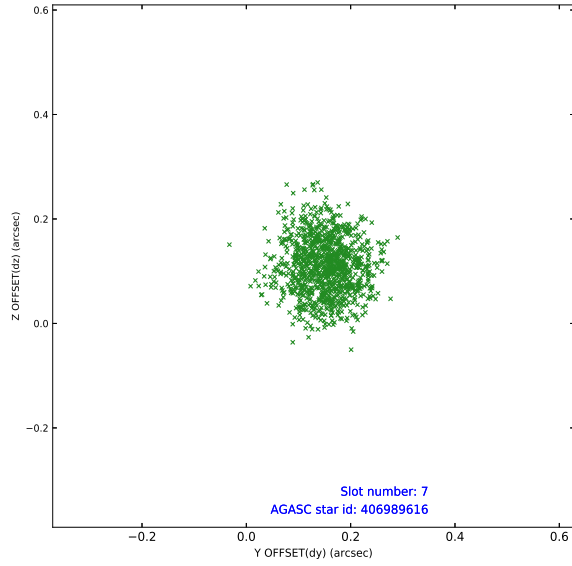
2.4.3 Slot 5



2.4.4 Slot 6

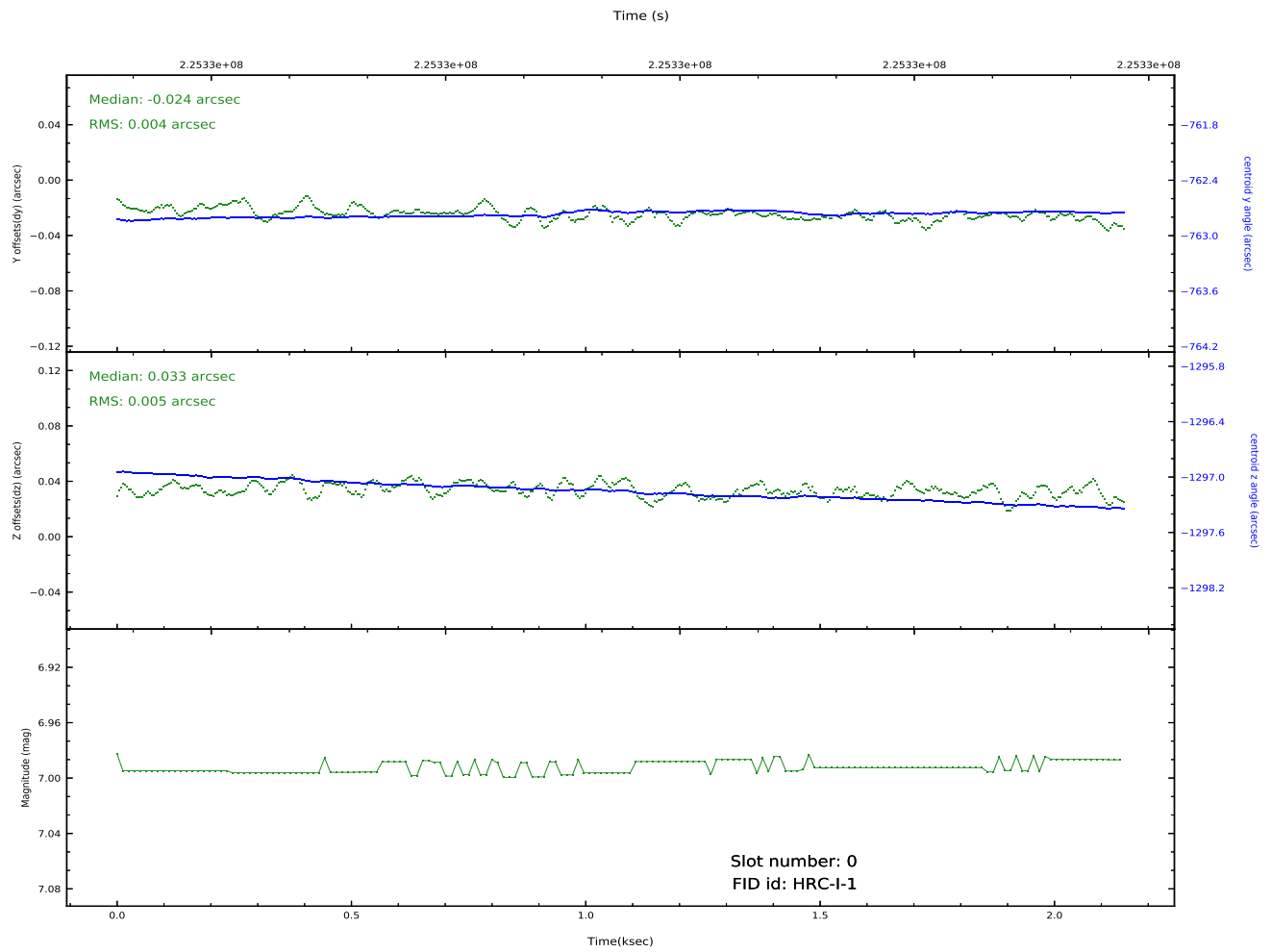
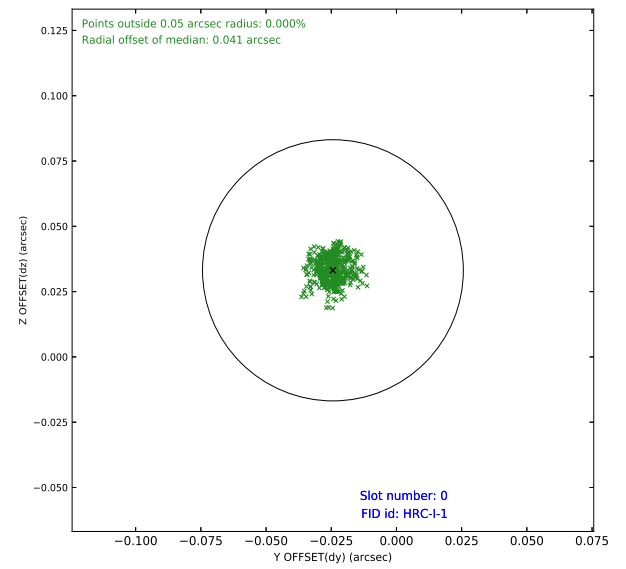
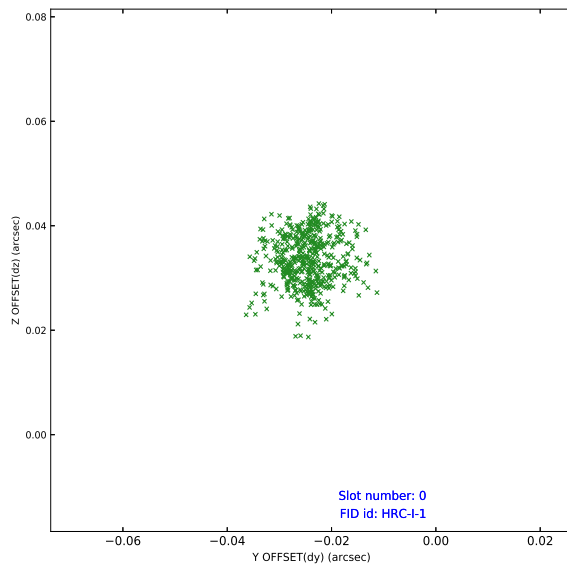


2.4.5 Slot 7

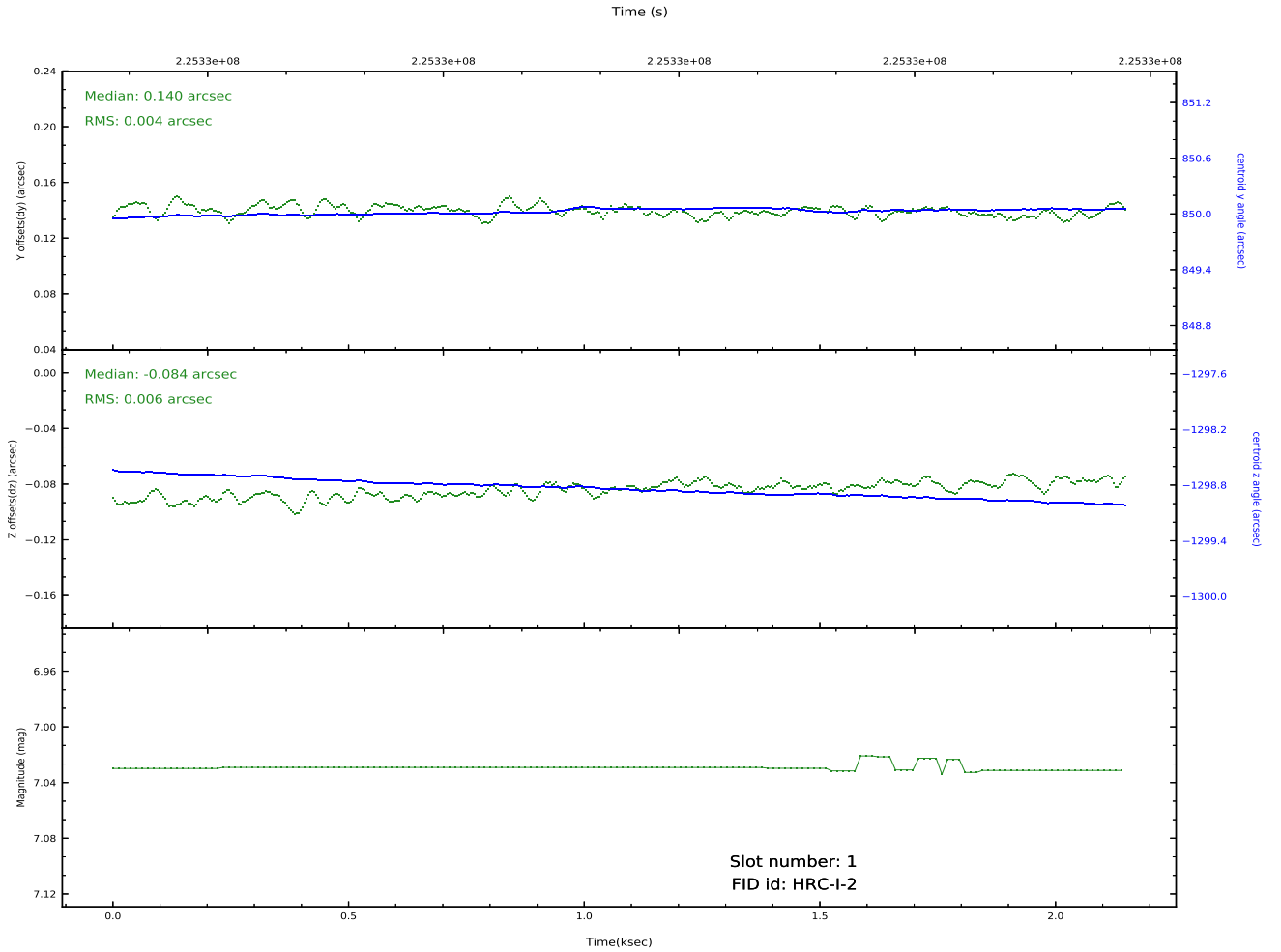
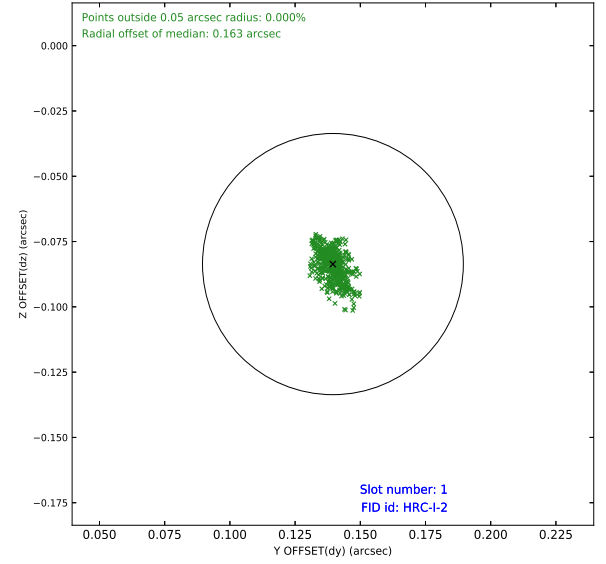
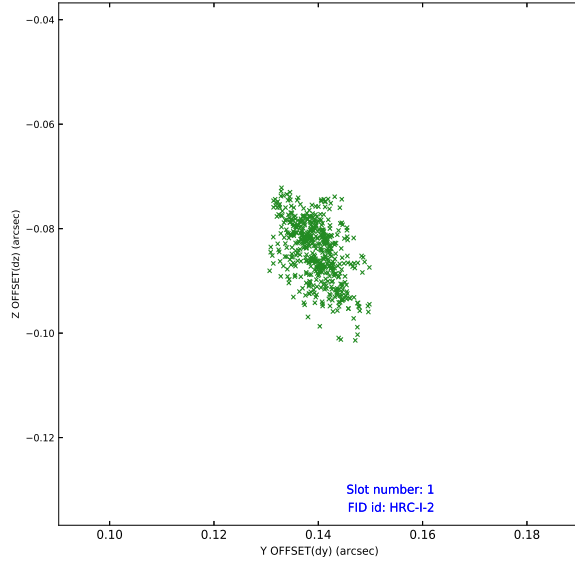


2.5 FID Slots

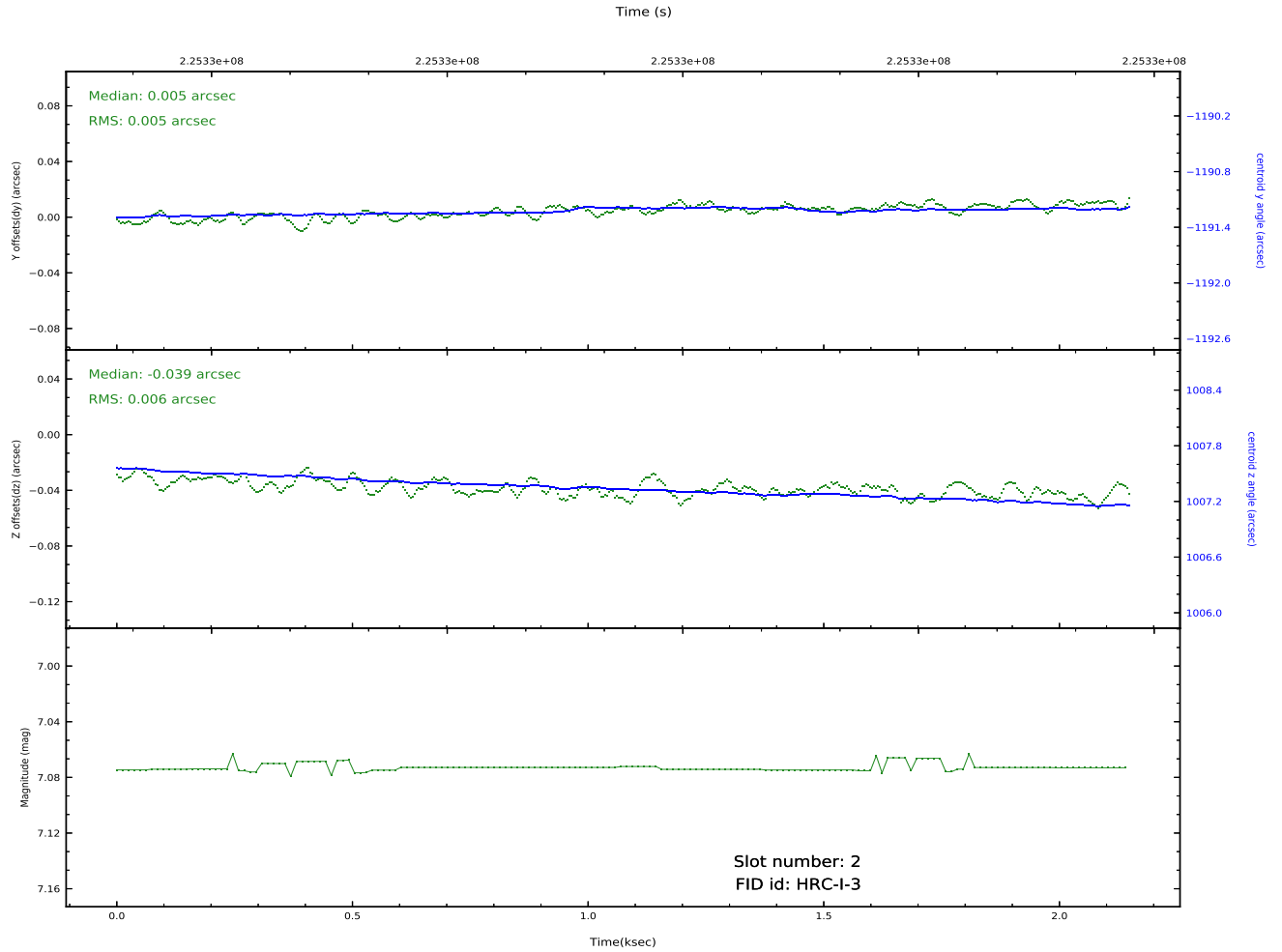
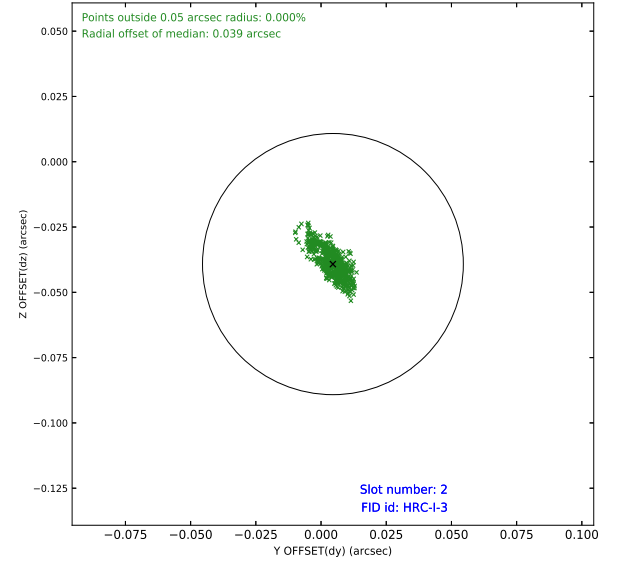
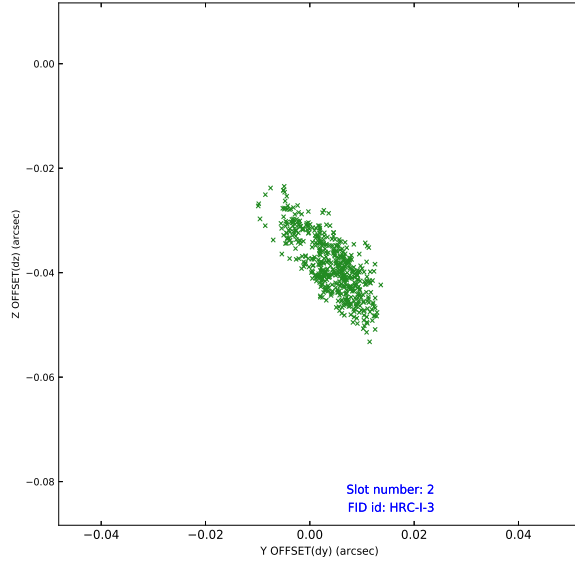
2.5.1 Slot 0



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)	2020.10.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.795031

A.2 Comments

Window constraint was met.