

V&V Reference Report

L2 ASCDS Version : 10.9.2

Observation 18308 - L2 Version 2
Chandra X-Ray Center

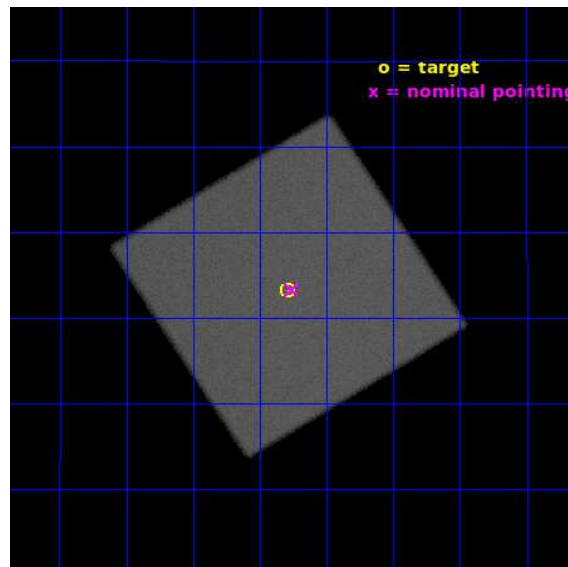
L2 Processing Date : Oct 24 2020

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1 Front

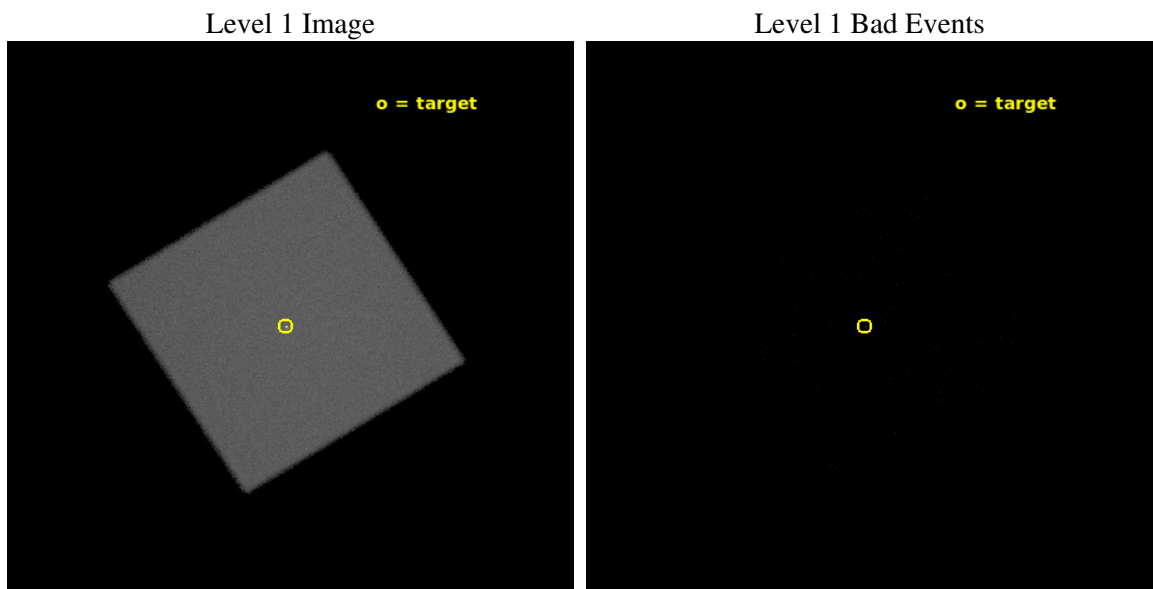
seq_num	201079	Sequence number
obs_id	18308	Observation id
title	Procyon: A New Candidate for the Dynamo Clinical Trial	Proposal ti
observer	THOMAS AYRES	Principal investigator
object	PROCYON	Source name
ra_targ	114.822083	Observer's specified target RA [deg]
dec_targ	5.220111	Observer's specified target Dec [deg]
ra_nom	114.81496648674	Nominal RA [deg]
dec_nom	5.2215544745217	Nominal Dec [deg]
roll_nom	282.87648586031	Nominal Roll [deg]
revision	2	Processing version of data
ontime	10118.031846285	[s]
livetime	9991.6120607847	Ontime multiplied by DTCOR
l2events	1070482	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	10000.000000	[s] Scheduled observation exposure time
ascdsver	10.9.2	Processing system revision	ontime	10118.031846285	[s]
caldsver	4.9.3	 	l1events	1445848	Number of level 1 events
date	2020-10-24T17:25:21	Date and time of file creation			
revision	2	Processing version of data			

2.1.3 Events

Level 1 Events

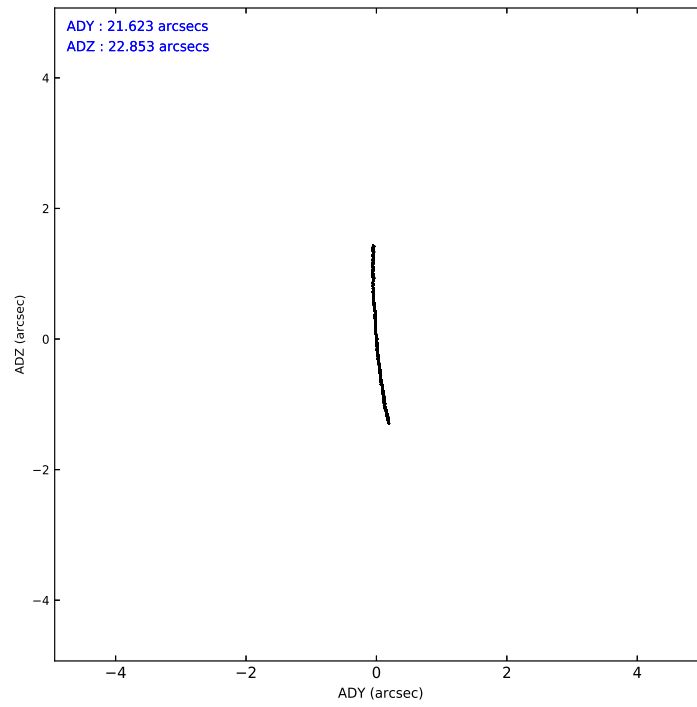
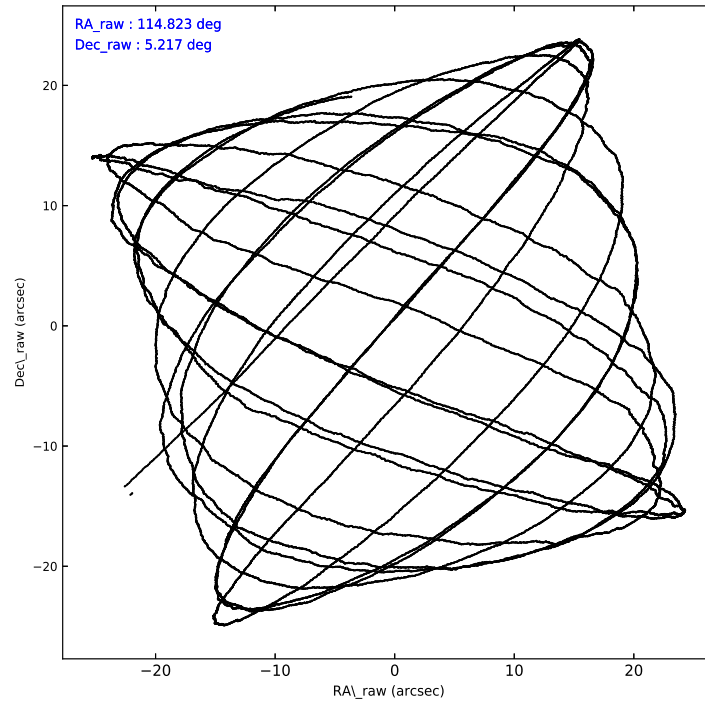
	segment 0
level 1 events	1445848
rejected events	141347
rejected %	9%

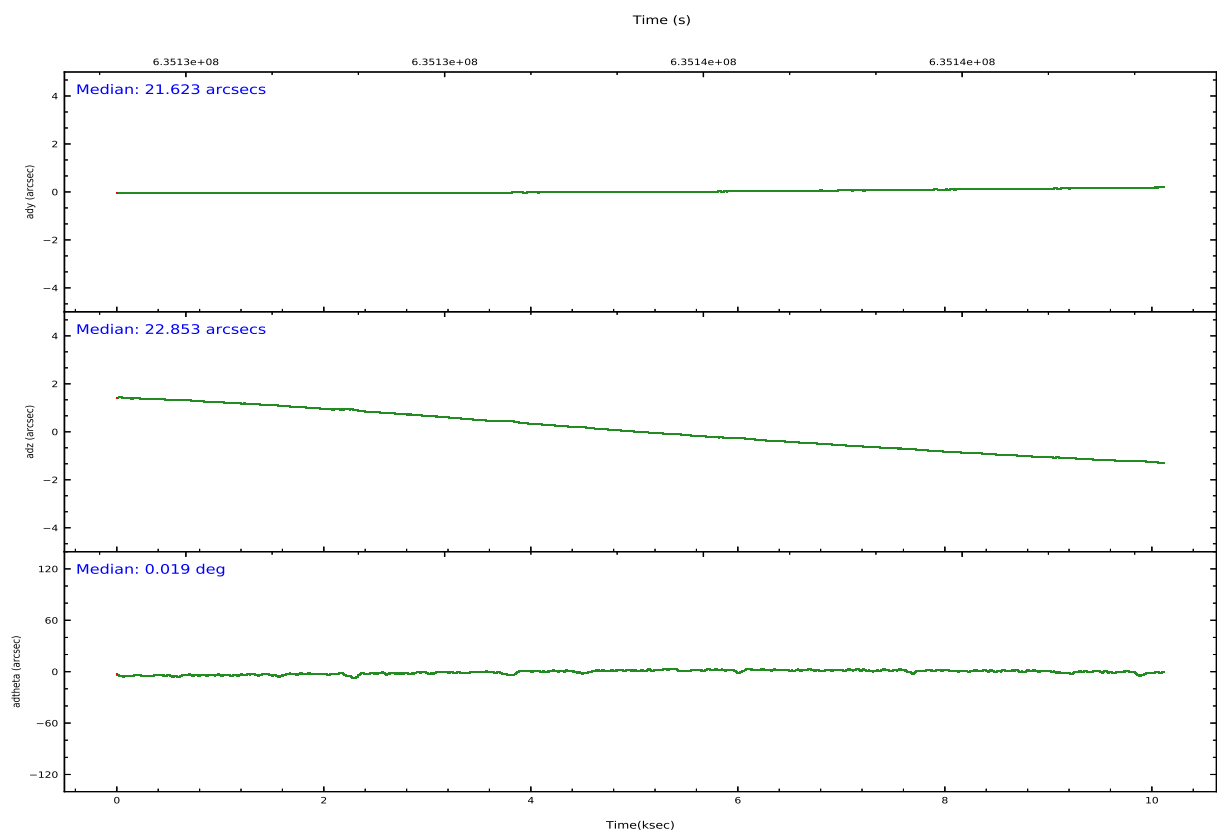
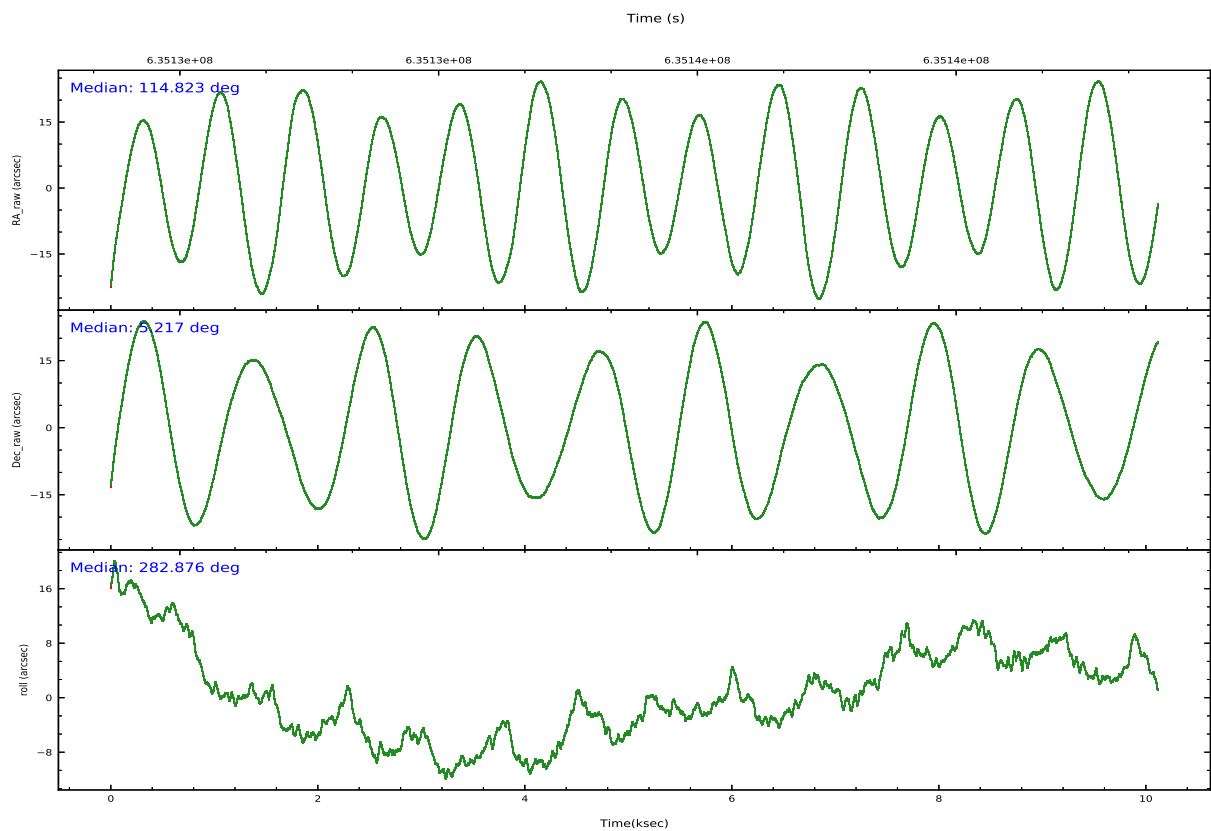
2.2 Compared Parameters

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	114.803781	114.81496648674
[deg] Pointing Dec	5.236418	5.2215544745217
[deg] Pointing Roll	283.001669	282.87648586031
[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)	635129451.184000	635128260.5236
Observation start date	2018-02-16T00:49:42	2018-02-16T00:31:00
[s] Observation end time (MET)	635139451.184000	635140932.08684
Observation end date	2018-02-16T03:36:22	2018-02-16T04:02:12

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

2.3 Aspect



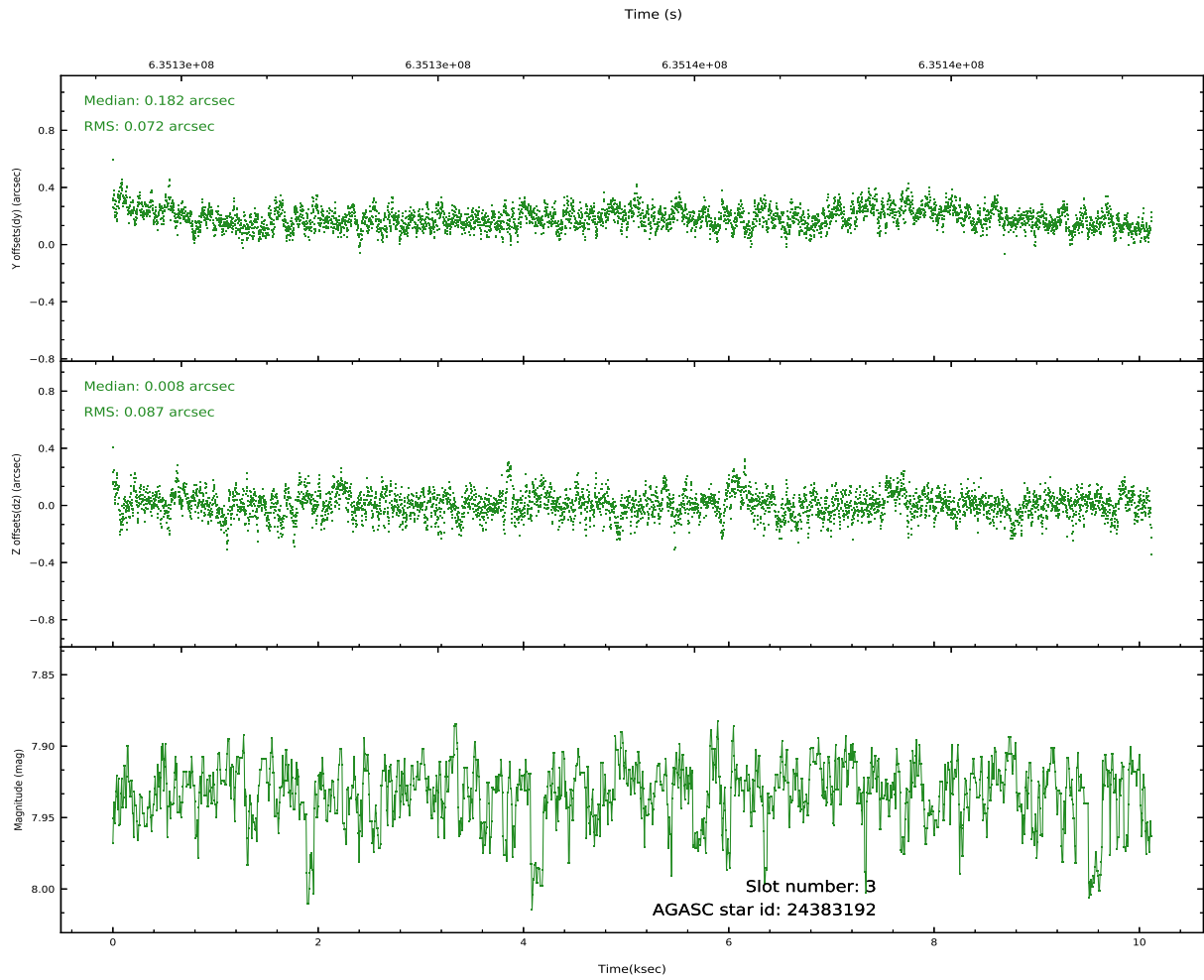
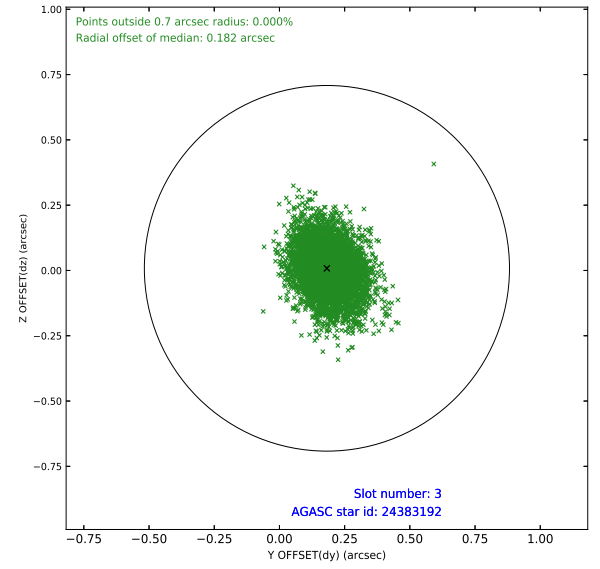
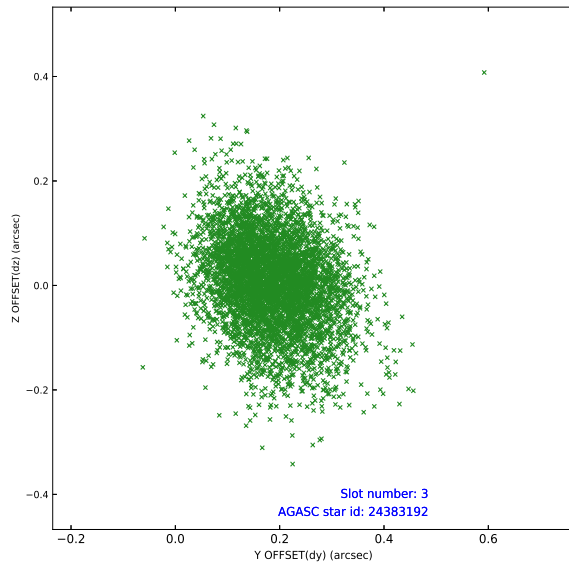


Slot Statistics

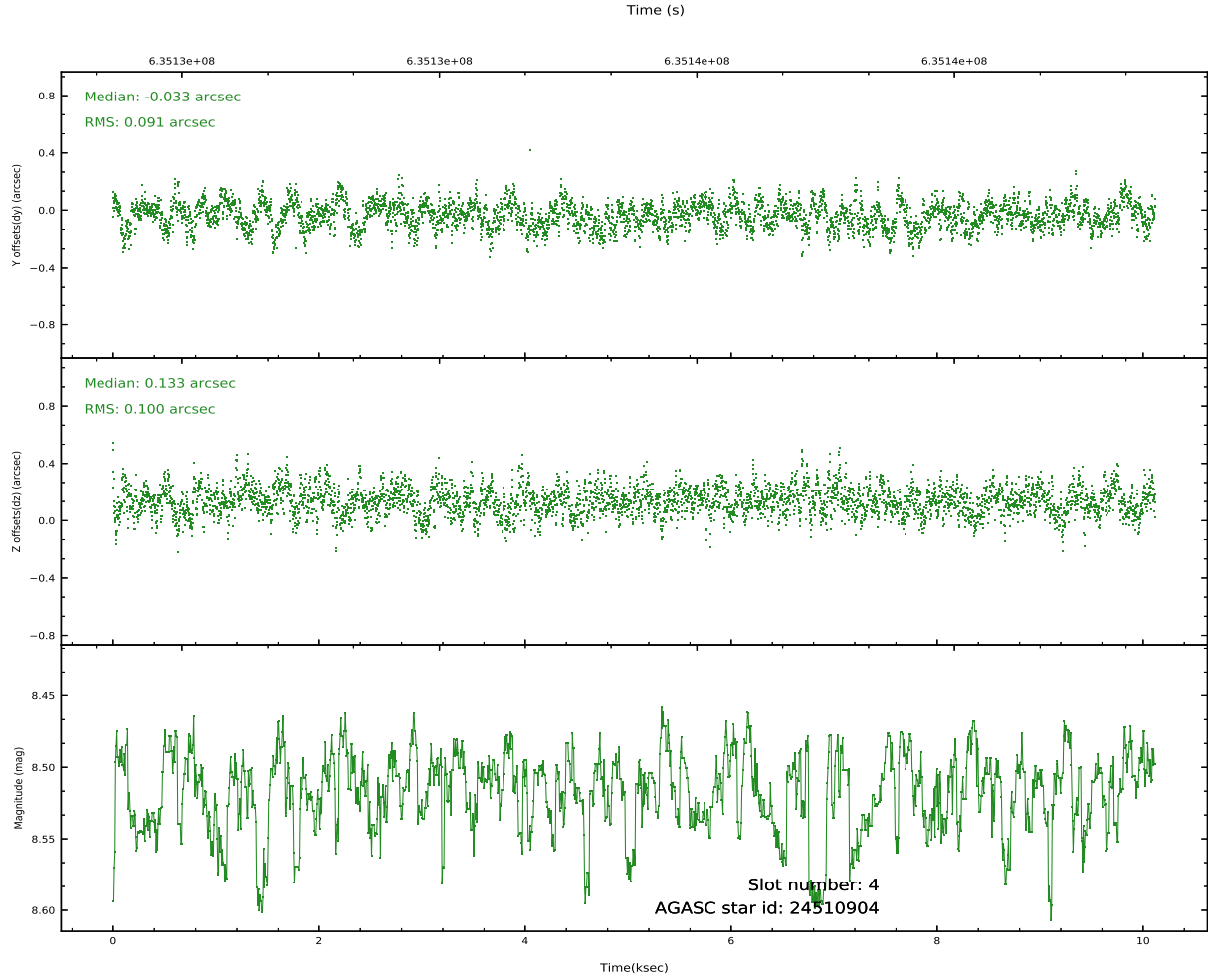
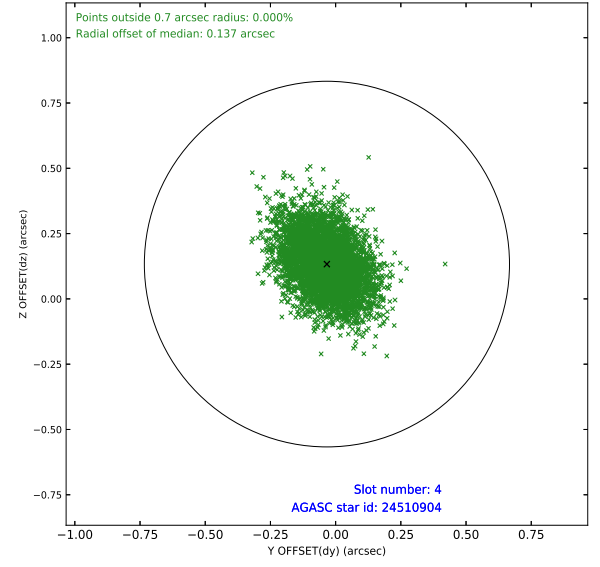
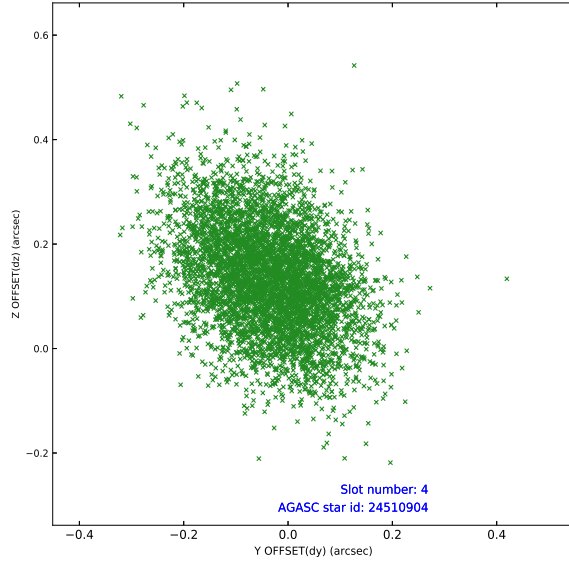
pt	status	used	id	mag	n_pts	frac_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mea
0	FID		HRC-I-1	7.04	2467	1.000	-0.116	0.050	0.021	0.042	0.000000	0.000000	-777.99	-1311
1	FID		HRC-I-2	7.07	2469	1.000	0.248	-0.115	0.033	0.052	0.000000	0.000000	834.68	-1313
2	FID		HRC-I-4	7.07	2468	1.000	-0.019	-0.030	0.023	0.035	0.000000	0.000000	1265.67	990
3	GUIDE	used	24383192	7.93	4935	1.000	0.182	0.008	0.117	0.201	114.373279	5.211521	-259.27	-1523
4	GUIDE	used	24510904	8.51	4929	1.000	-0.033	0.133	0.143	0.235	115.291057	5.593366	-859.62	1990
5	GUIDE	used	25039776	8.61	4935	1.000	-0.148	0.191	0.142	0.241	115.184333	5.805632	-1690.35	1789
6	GUIDE	used	24525600	8.26	4930	1.000	0.069	-0.119	0.146	0.256	114.573999	4.942945	844.45	-1040
7	GUIDE	used	24522960	7.80	4936	1.000	-0.070	-0.211	0.125	0.214	115.195385	5.000625	1143.27	1177

2.4 Star Slots

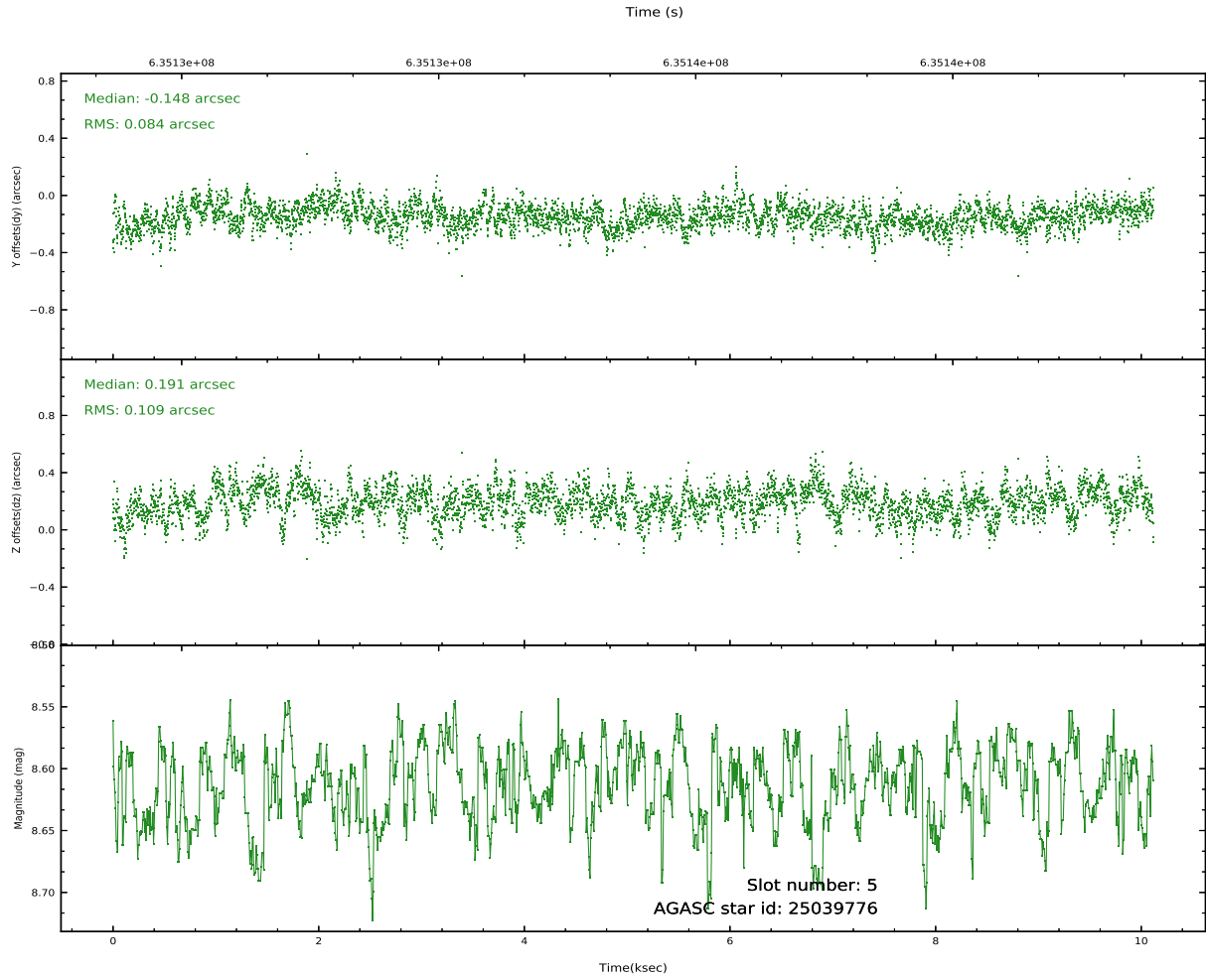
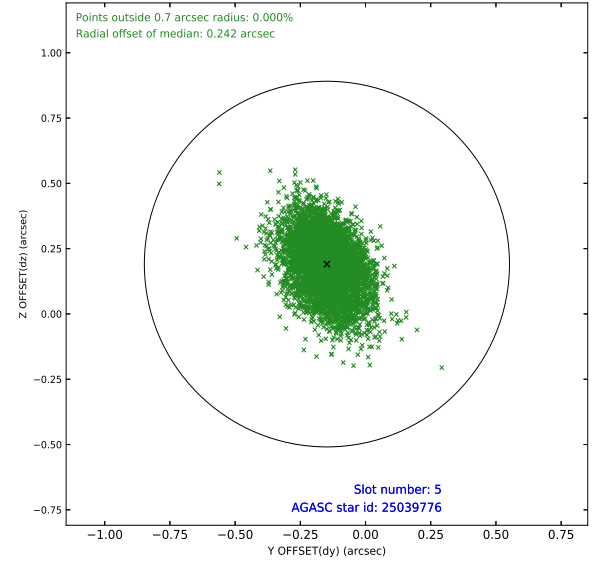
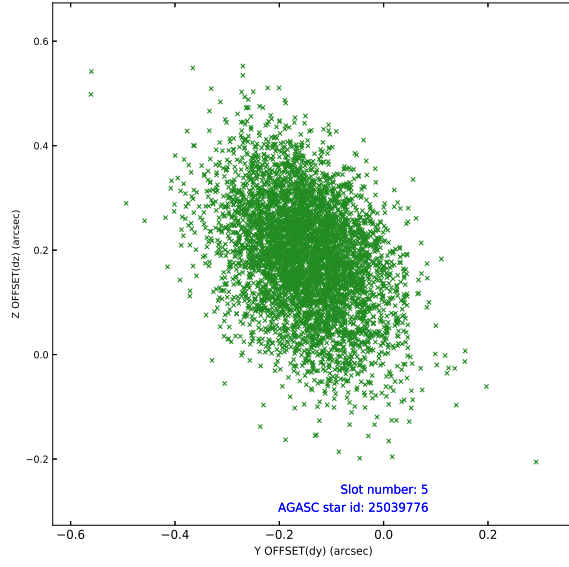
2.4.1 Slot 3



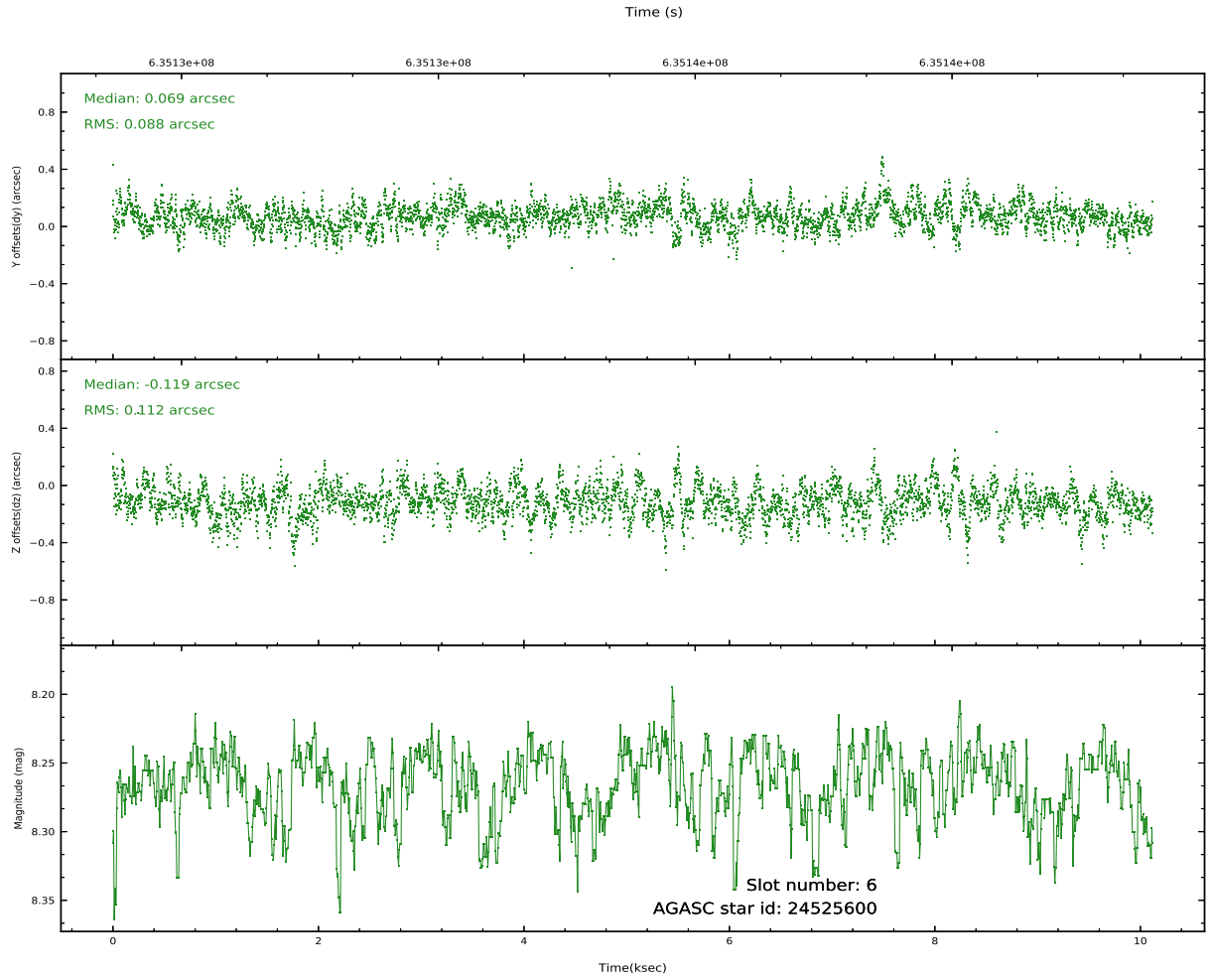
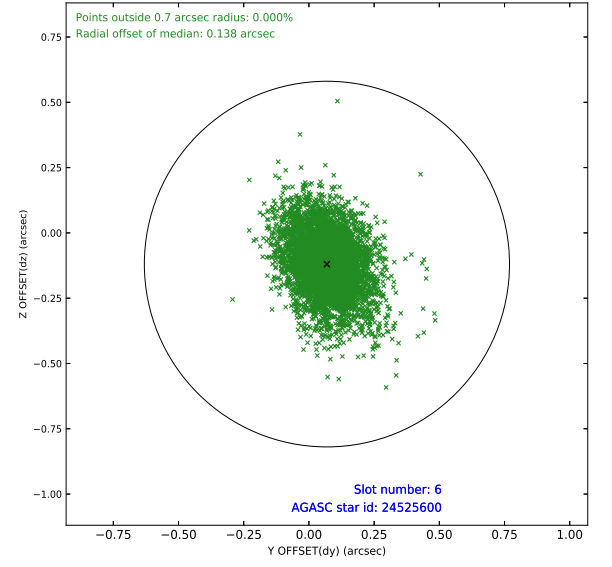
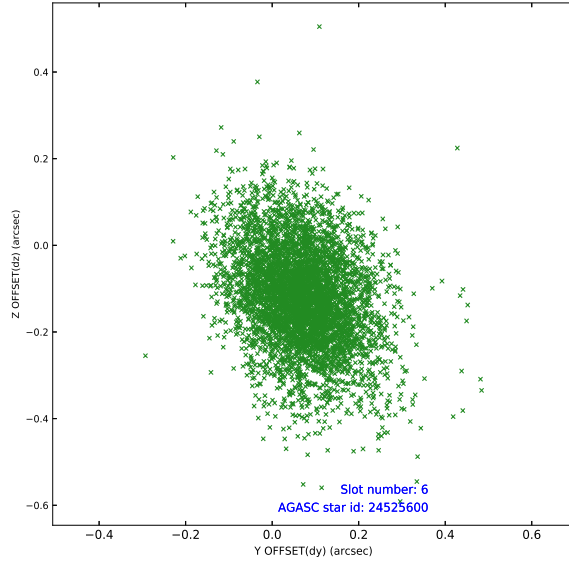
2.4.2 Slot 4



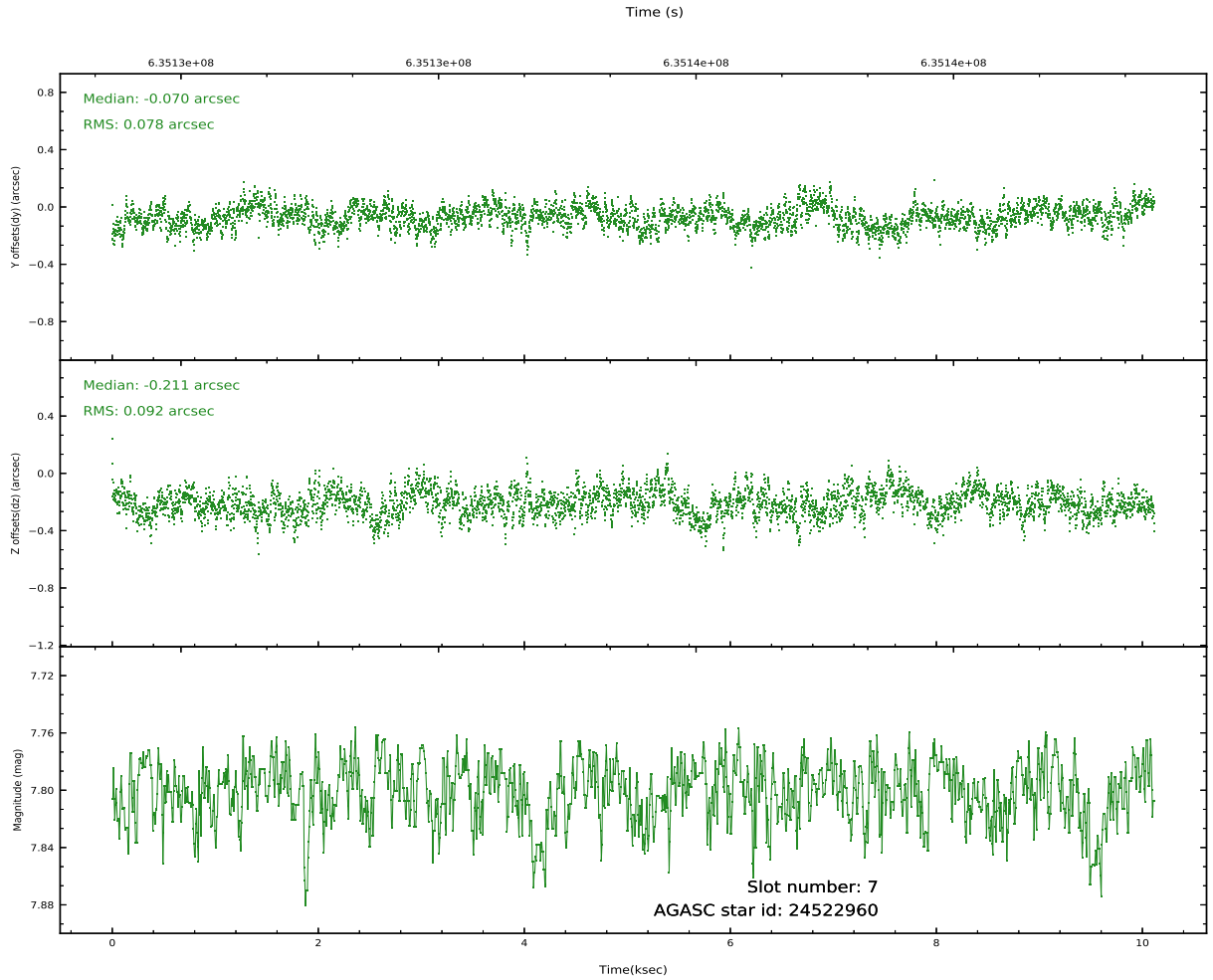
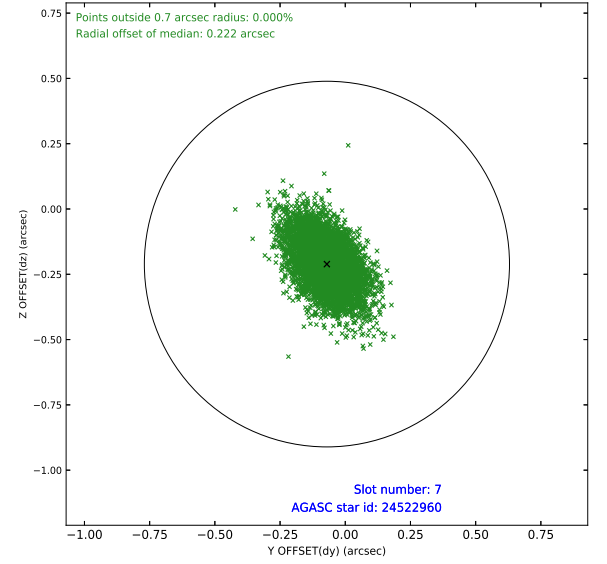
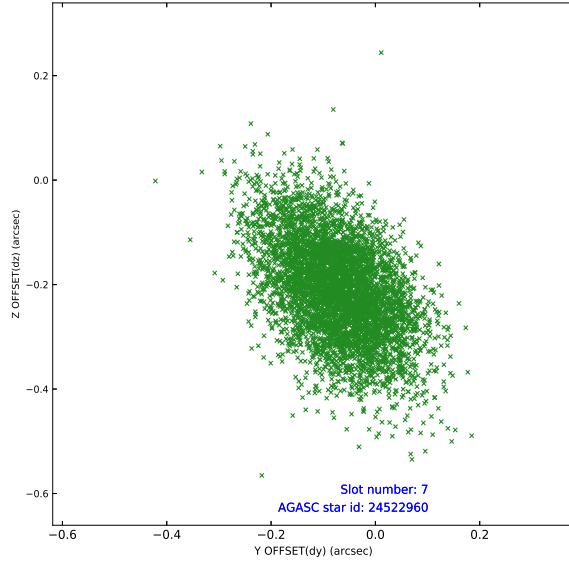
2.4.3 Slot 5



2.4.4 Slot 6

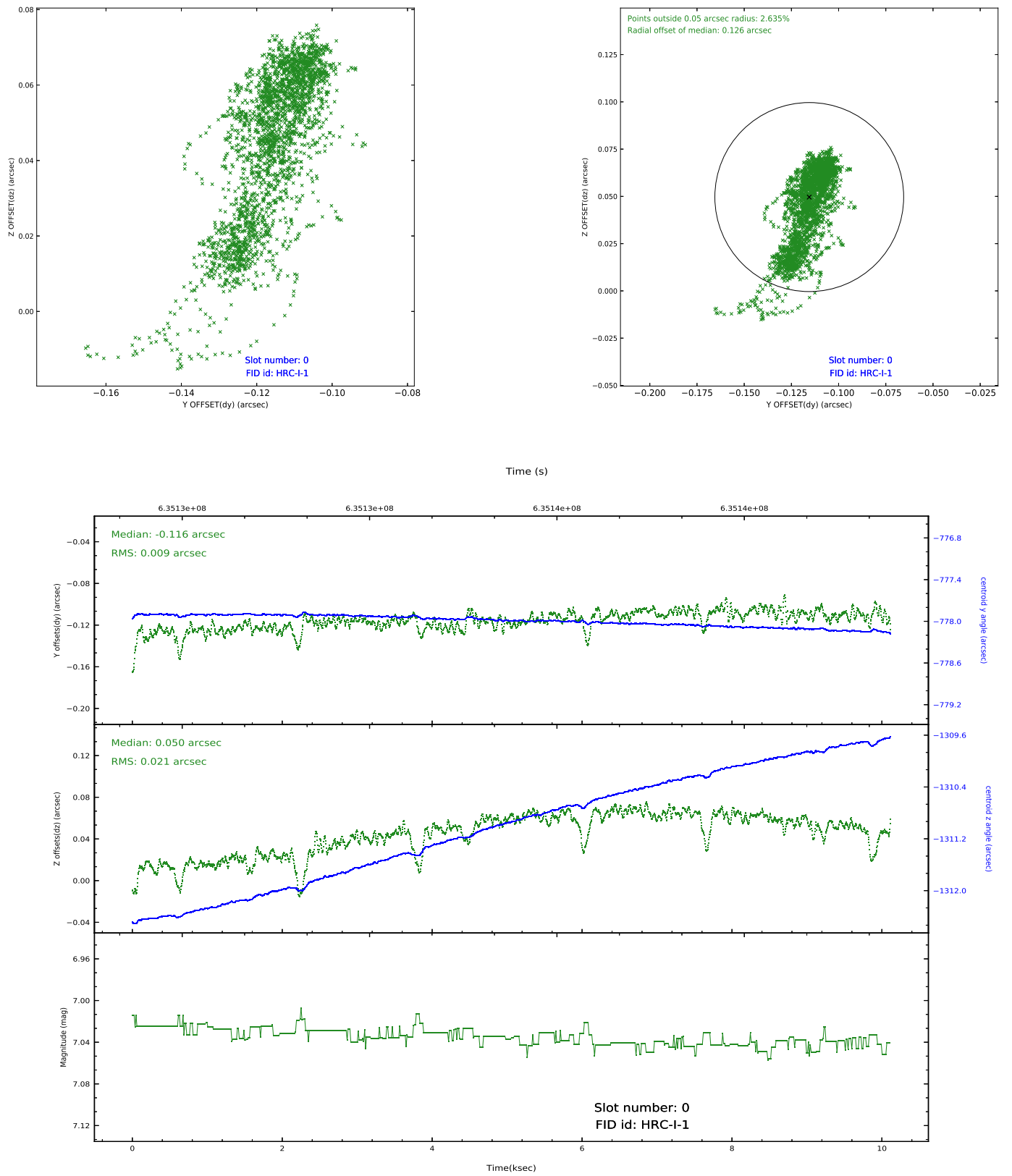


2.4.5 Slot 7

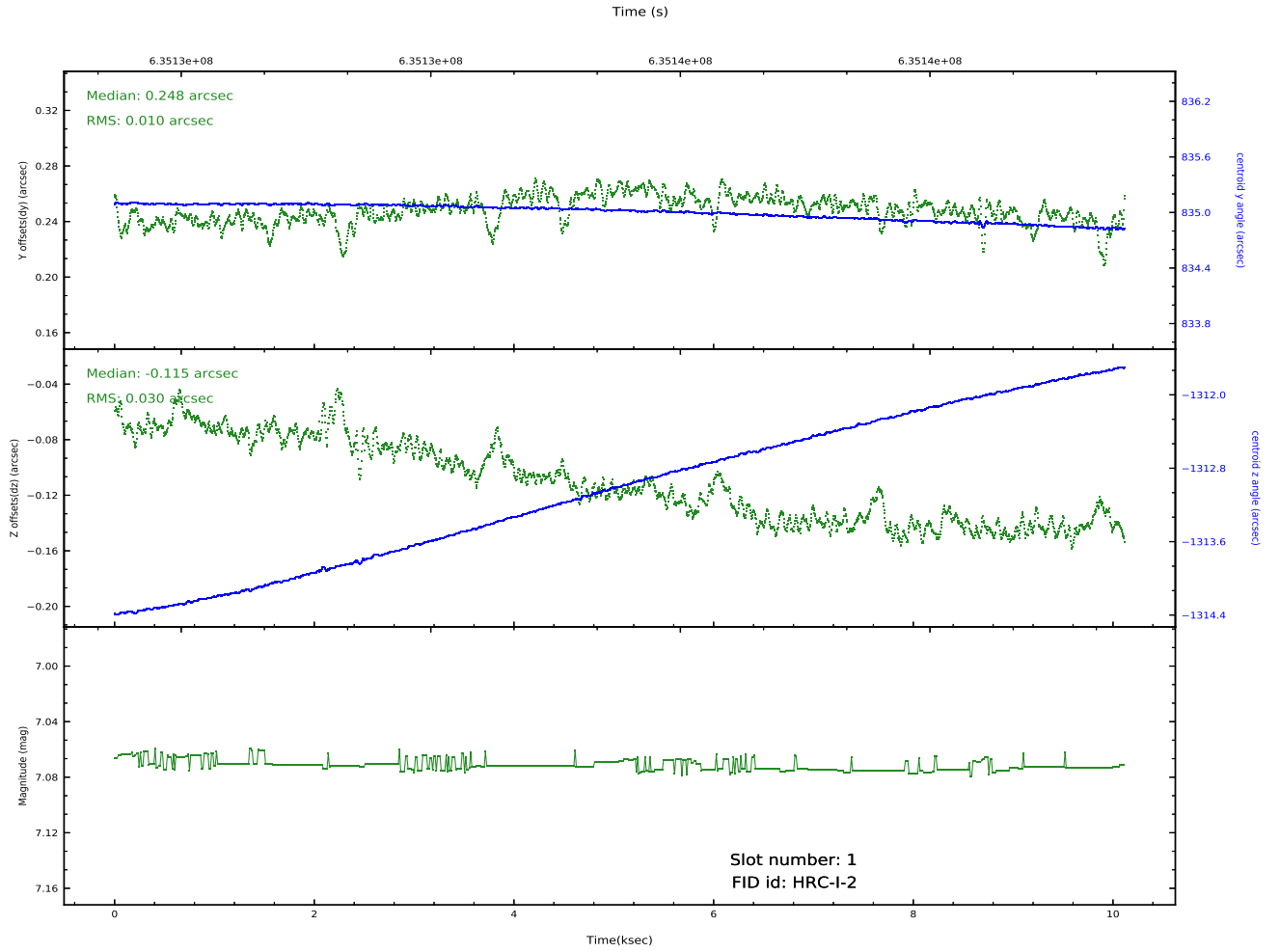
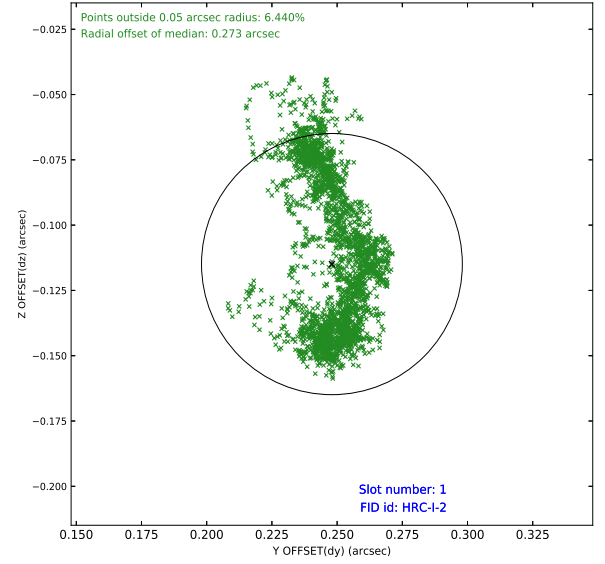
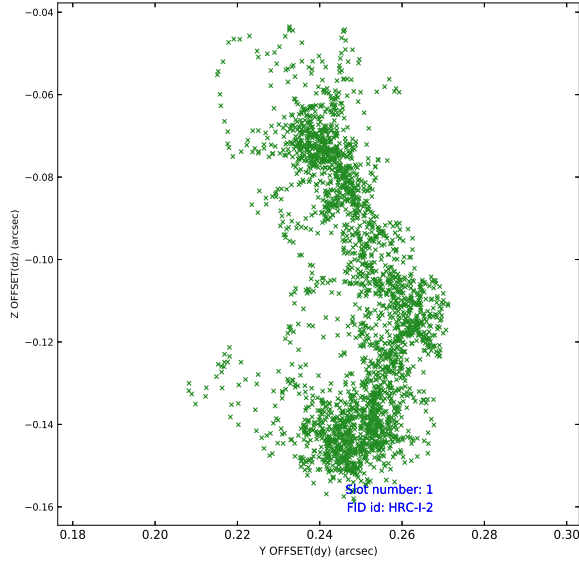


2.5 FID Slots

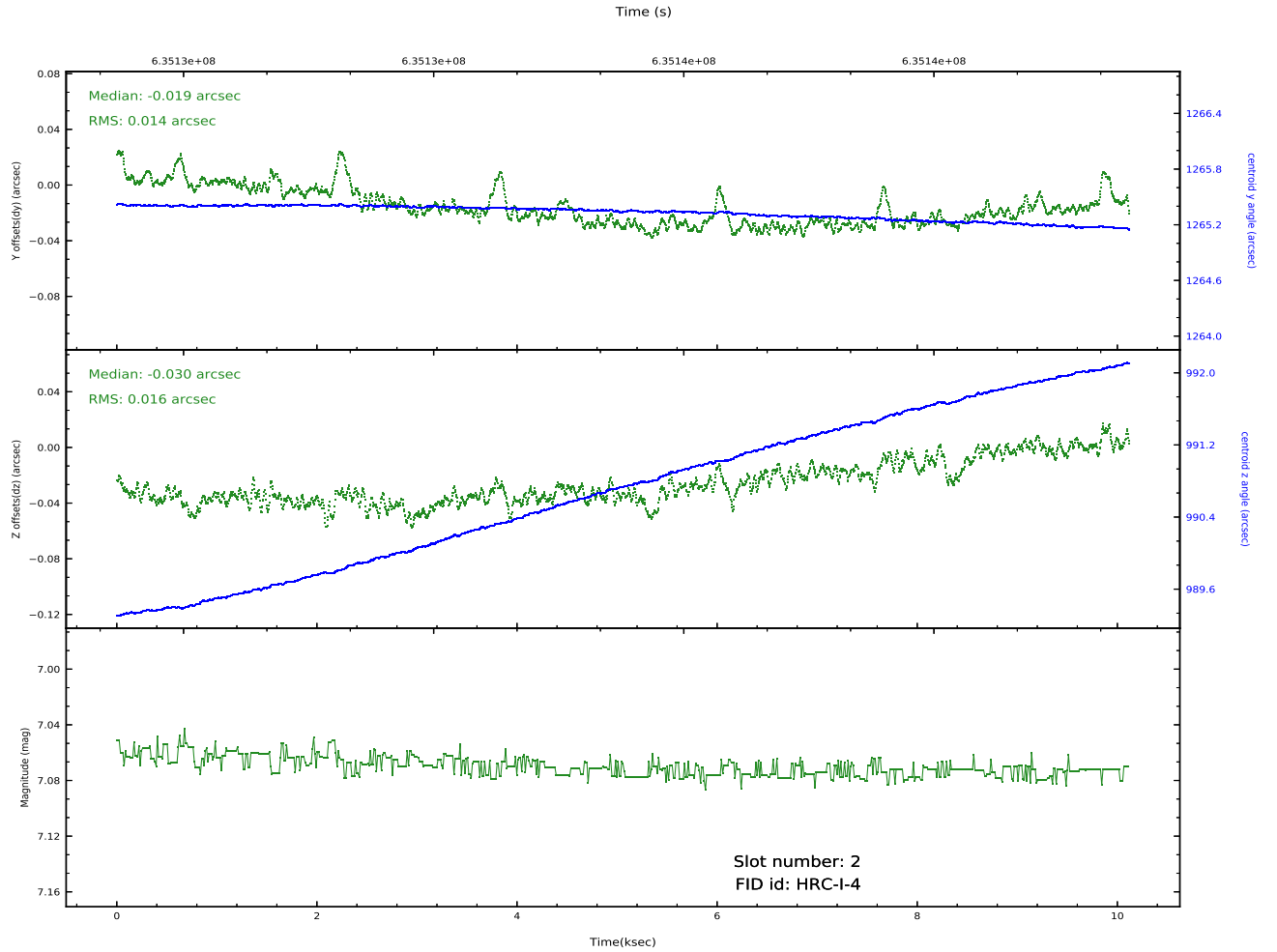
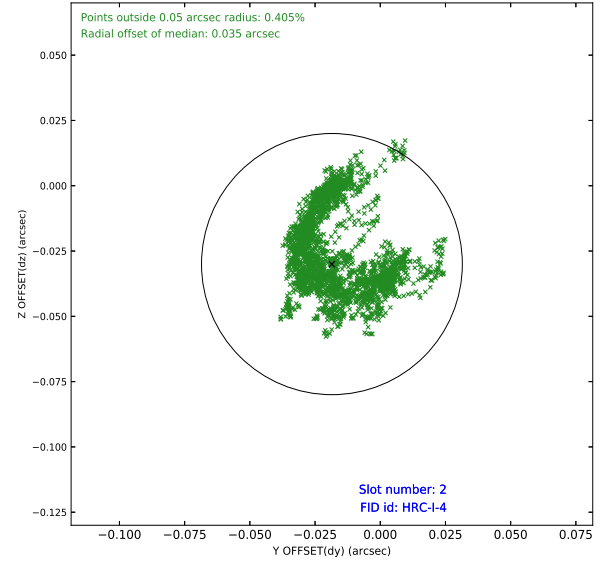
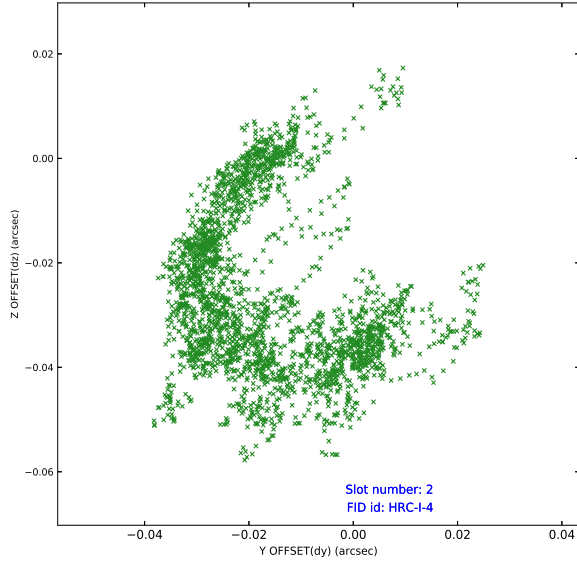
2.5.1 Slot 0



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)	2020.10.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.118031846166

A.2 Comments

Joint proposal with HST.