

V&V Reference Report

L2 ASCDS Version : 10.9.1

Observation 4852 - L2 Version 5
Chandra X-Ray Center

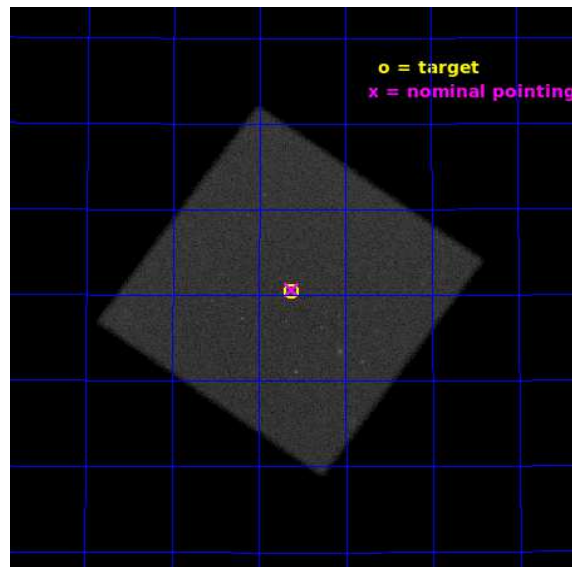
L2 Processing Date : Sep 22 2020

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1 Front

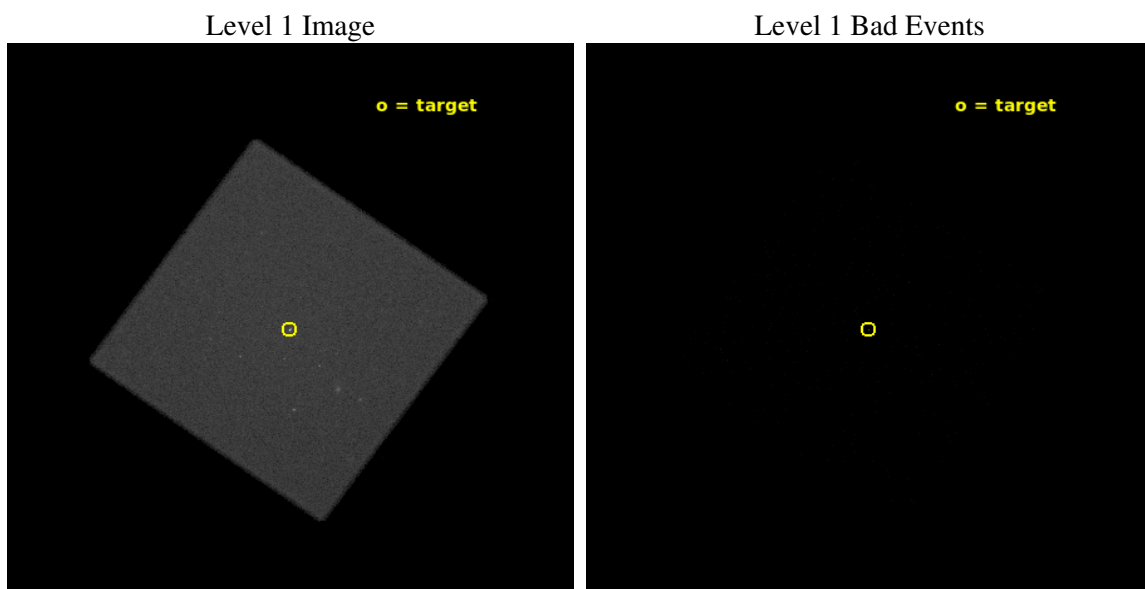
seq_num	700934	Sequence number
obs_id	4852	Observation id
title	EXTENDED EMISSION AND ACCRETION RATES IN BL LACERTAE OBJECTS	Propo
observer	Dr. Rita Sambruna	Principal investigator
object	1ES 0927+500	Source name
ra_targ	142.656667	Observer's specified target RA [deg]
dec_targ	49.840417	Observer's specified target Dec [deg]
ra_nom	142.65521795345	Nominal RA [deg]
dec_nom	49.844327631957	Nominal Dec [deg]
roll_nom	170.55196397047	Nominal Roll [deg]
revision	5	Processing version of data
ontime	19871.932118624	[s]
livetime	19758.364592519	Ontime multiplied by DTCOR
l2events	641561	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	20000.000000	[s] Scheduled observation exposure time
ascdsver	10.9.1	Processing system revision	ontime	19871.932118624	[s]
caldbver	4.9.2	 	l1events	932696	Number of level 1 events
date	2020-09-23T02:21:54	Date and time of file creation			
revision	5	Processing version of data			

2.1.3 Events

Level 1 Events

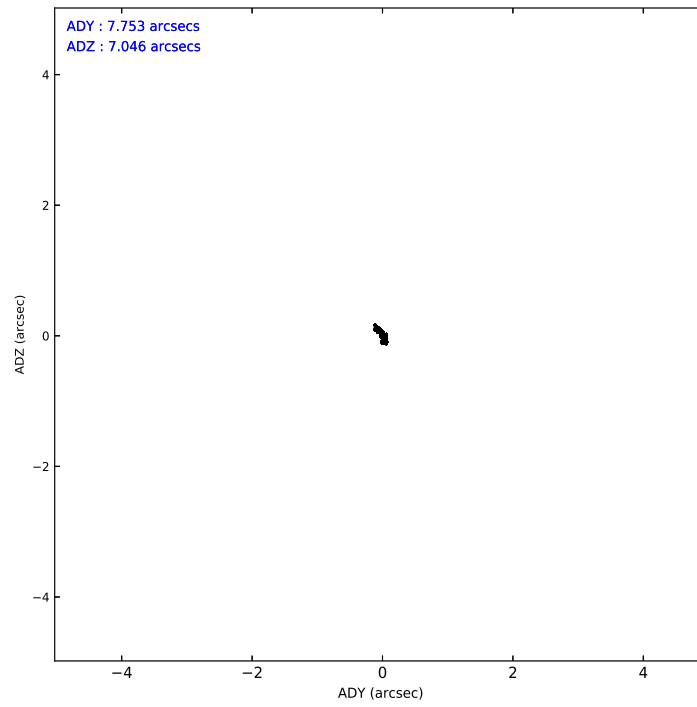
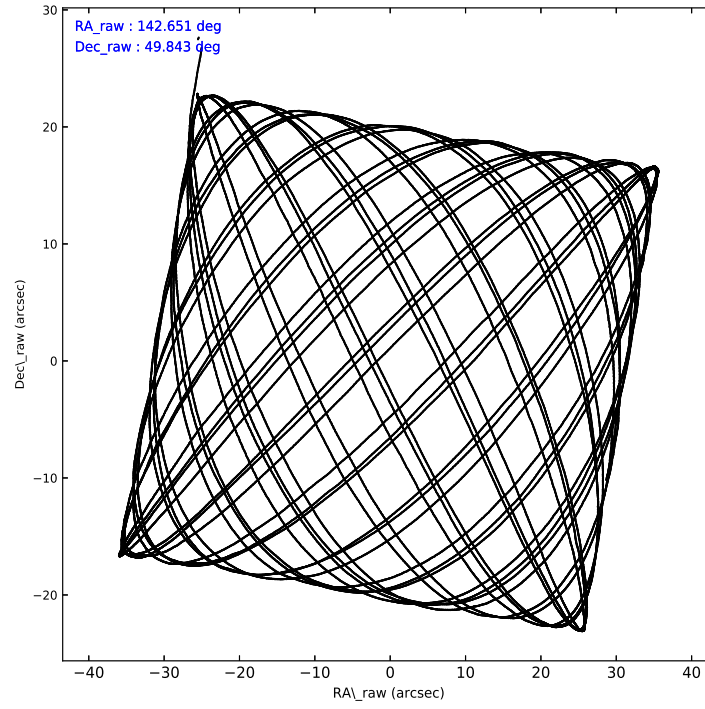
	segment 0
level 1 events	932696
rejected events	5757
rejected %	0%

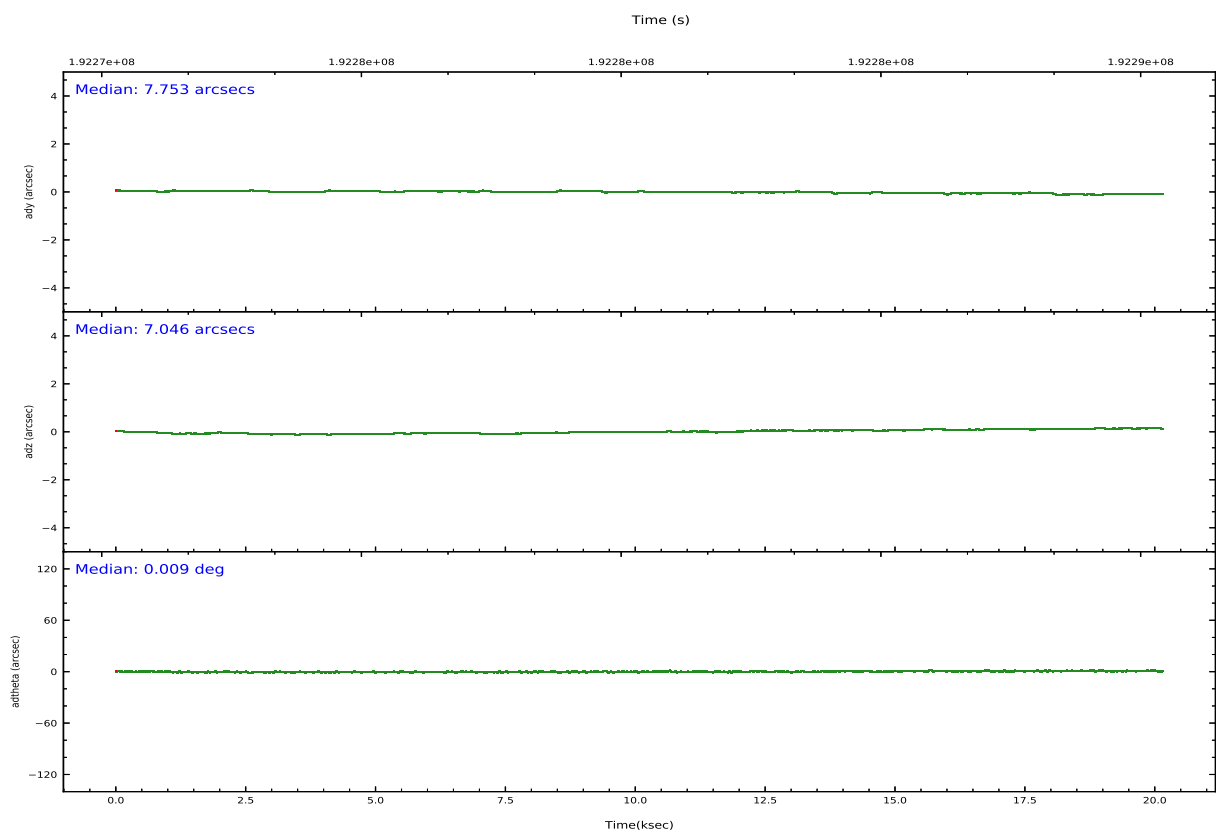
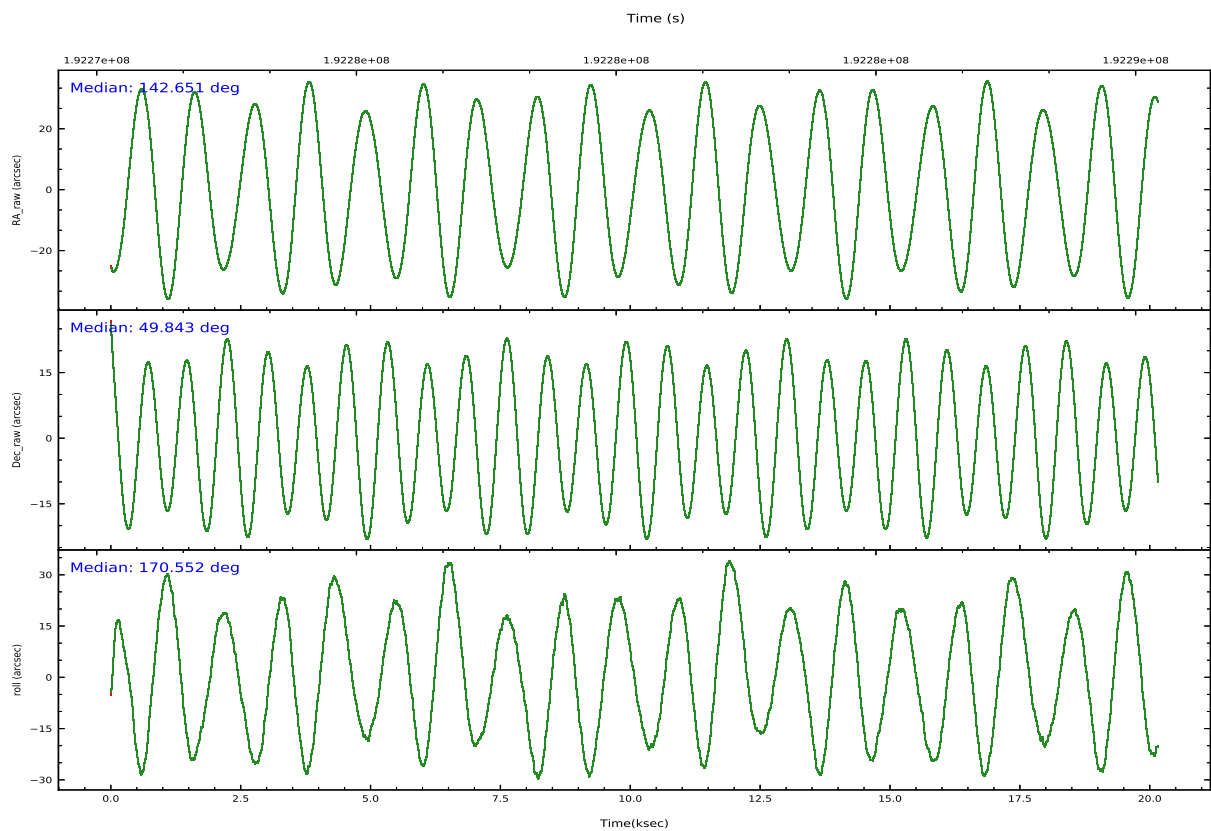
2.2 Compared Parameters

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	142.690190	142.65521795345
[deg] Pointing Dec	49.852741	49.844327631957
[deg] Pointing Roll	170.632348	170.55196397047
[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)	192270434.184000	192269596.96483
Observation start date	2004-02-04T08:26:10	2004-02-04T08:13:16
[s] Observation end time (MET)	192290434.184000	192291289.55328
Observation end date	2004-02-04T13:59:30	2004-02-04T14:14:49

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

2.3 Aspect



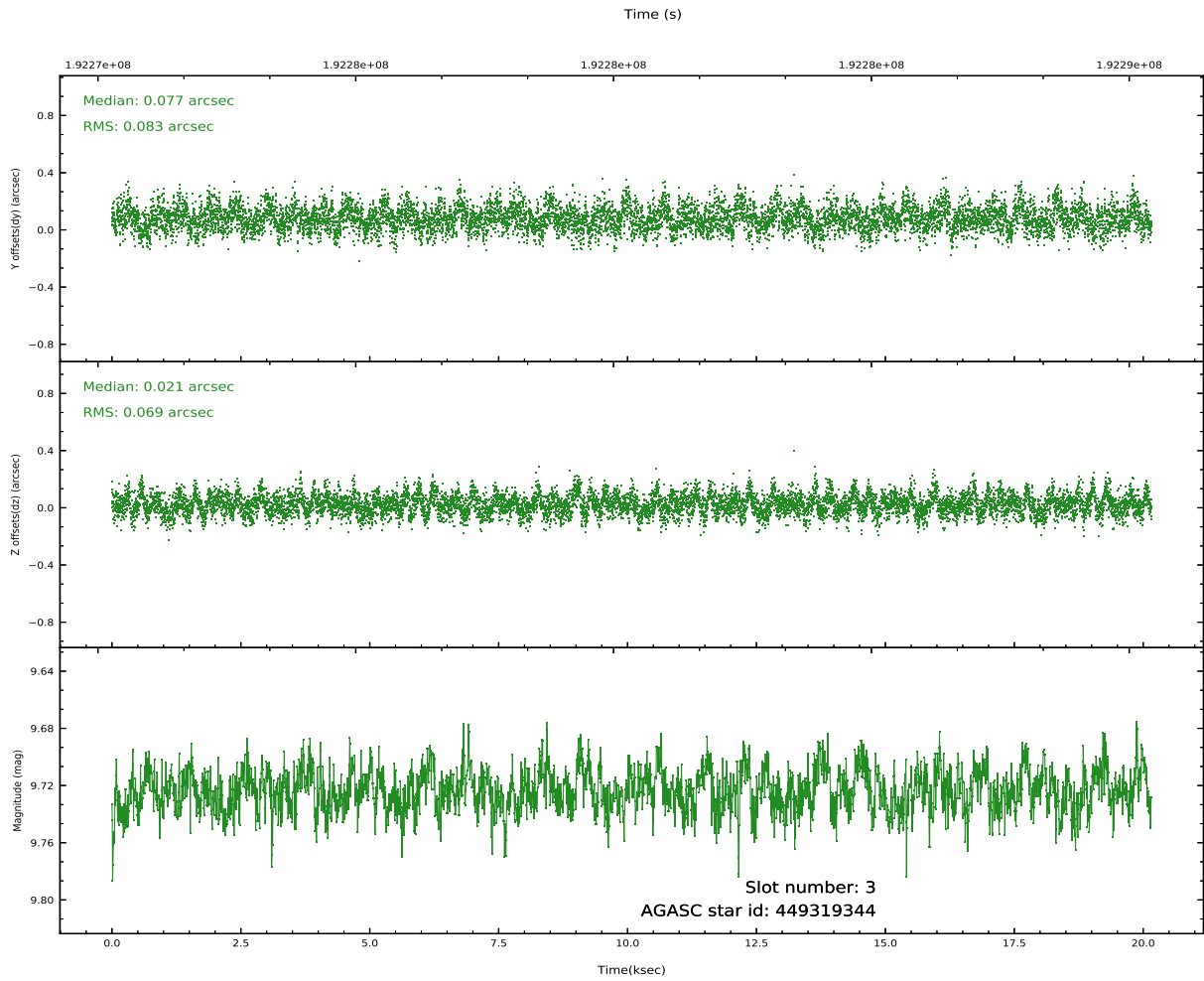
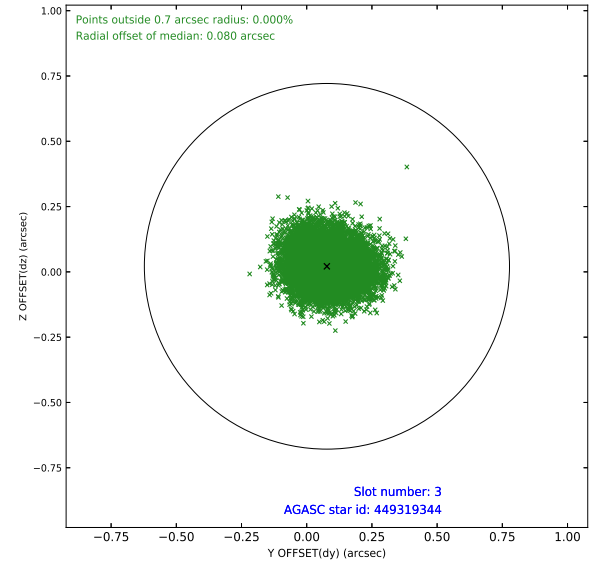
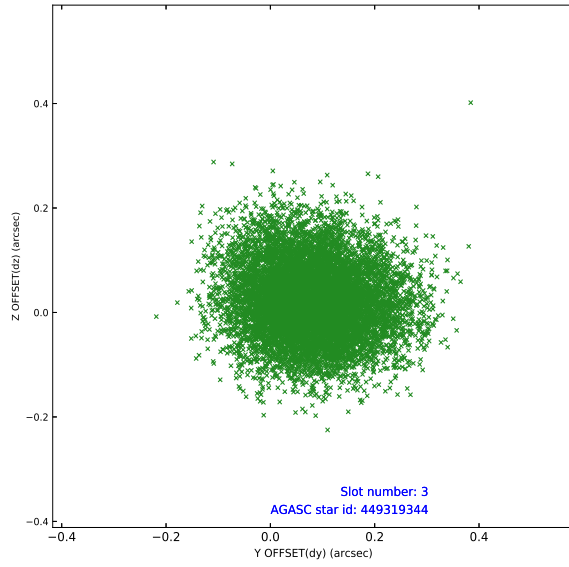


Slot Statistics

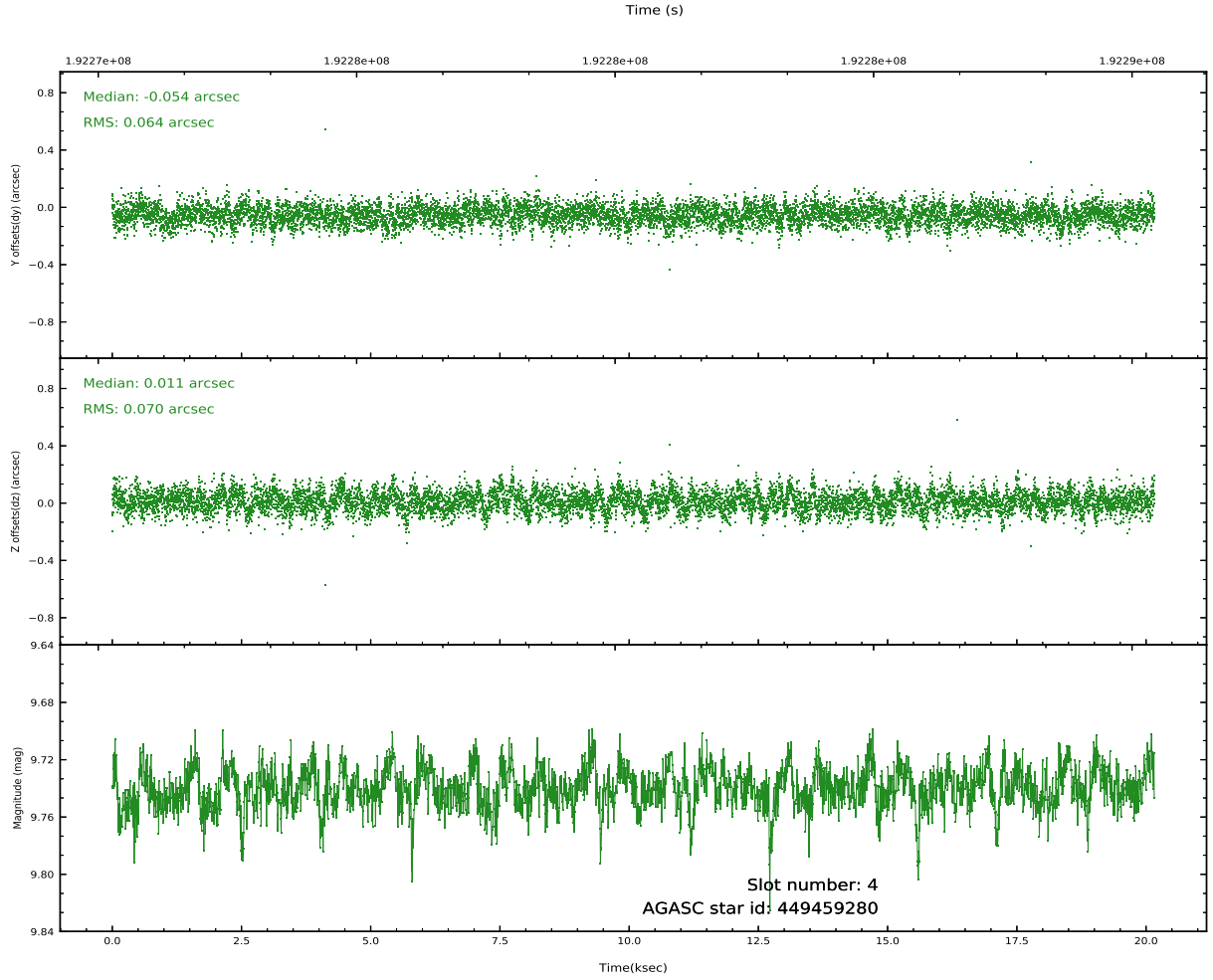
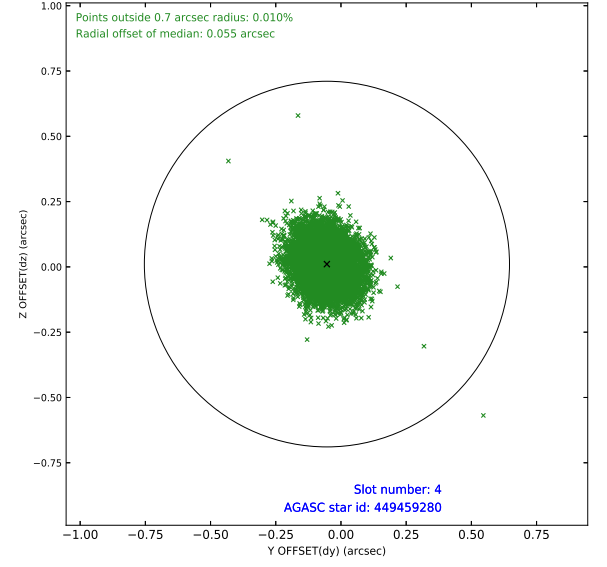
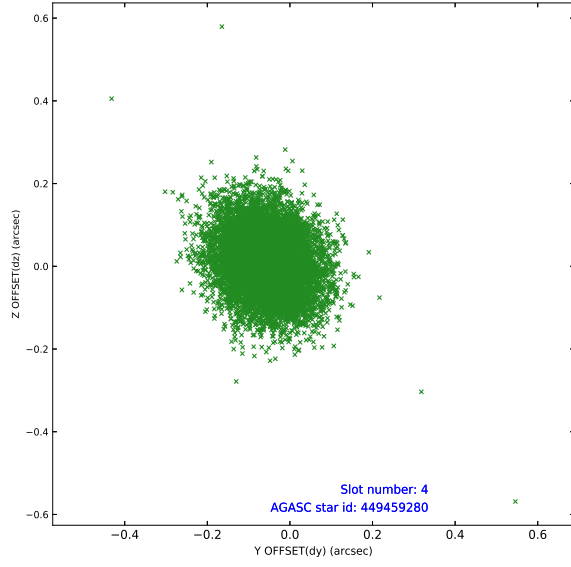
pt	status	used	id	mag	n_pts	frac_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mea
0	FID		HRC-I-2	7.00	4918	1.000	0.084	-0.074	0.006	0.011	0.000000	0.000000	849.35	-1296
1	FID		HRC-I-3	7.06	4918	1.000	-0.092	0.020	0.006	0.009	0.000000	0.000000	-1191.75	1009
2	FID		HRC-I-4	6.99	4918	1.000	0.127	-0.033	0.006	0.010	0.000000	0.000000	1279.34	1007
3	GUIDE	used	449319344	9.72	9824	1.000	0.077	0.021	0.115	0.186	141.844786	49.445107	1715.61	1759
4	GUIDE	used	449459280	9.74	9828	1.000	-0.054	0.011	0.099	0.165	142.612767	49.715358	97.67	517
5	GUIDE	used	449840520	9.43	9827	1.000	0.005	-0.026	0.099	0.167	142.853778	50.248225	-139.42	-1466
6	GUIDE	used	449840872	9.37	9833	1.000	-0.014	-0.044	0.094	0.154	143.180580	50.144666	-944.23	-1224
7	GUIDE	used	449708184	9.05	9831	1.000	-0.016	0.038	0.081	0.136	142.229315	50.059153	1172.78	-562

2.4 Star Slots

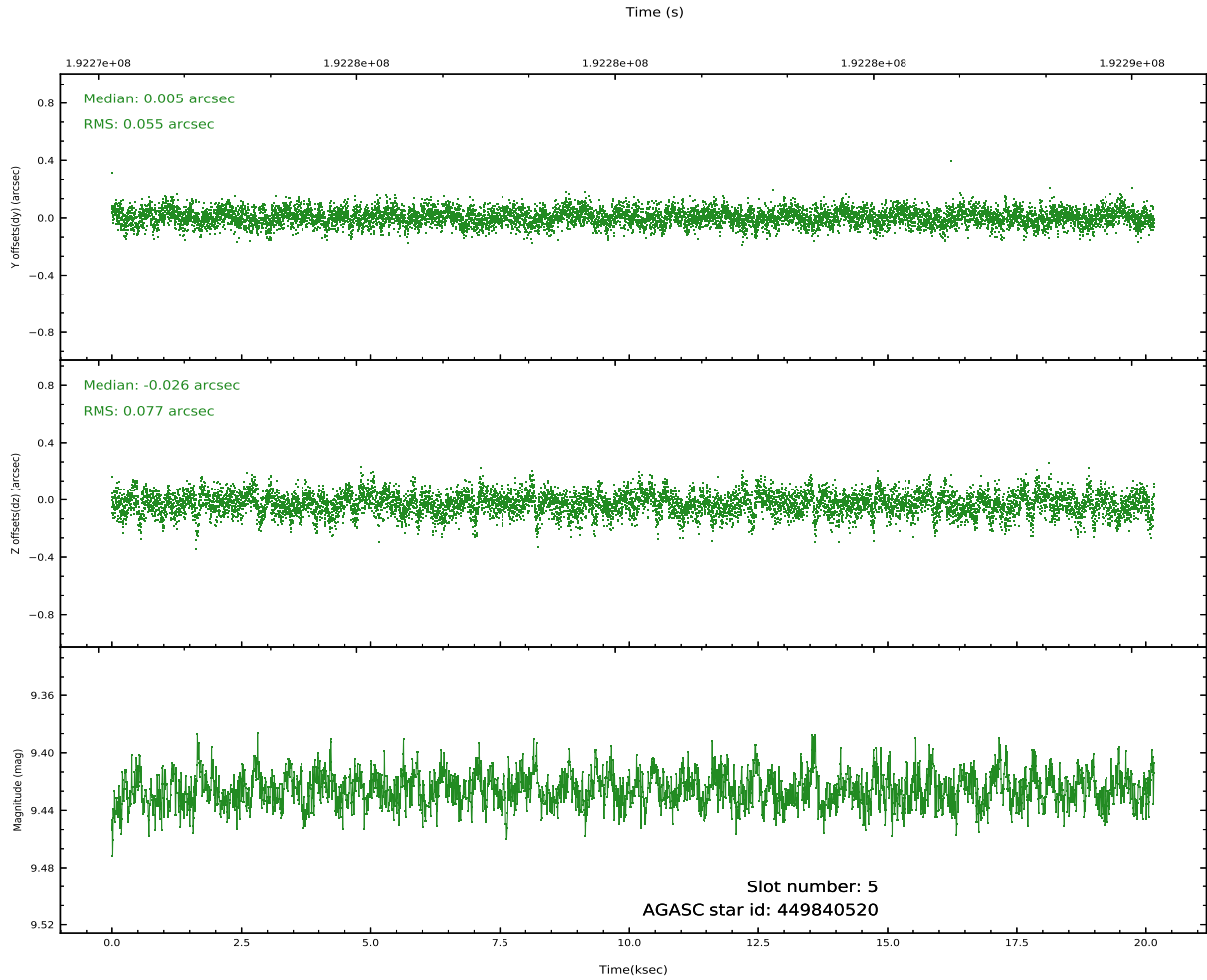
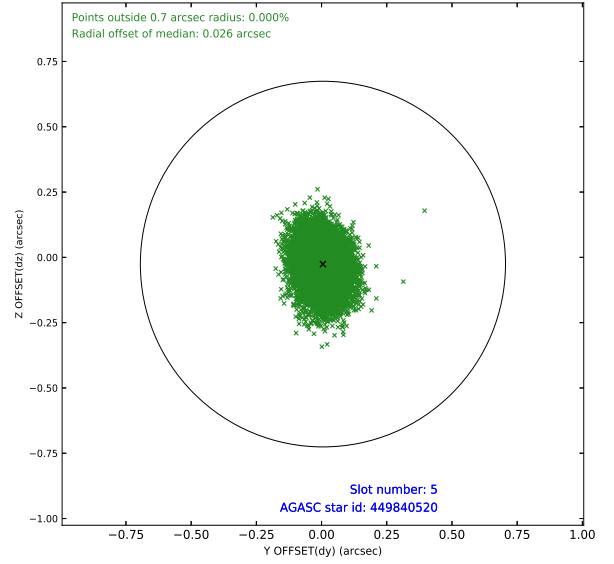
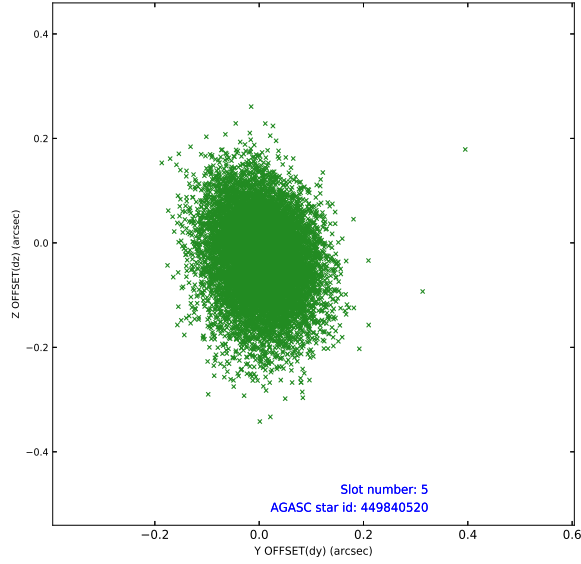
2.4.1 Slot 3



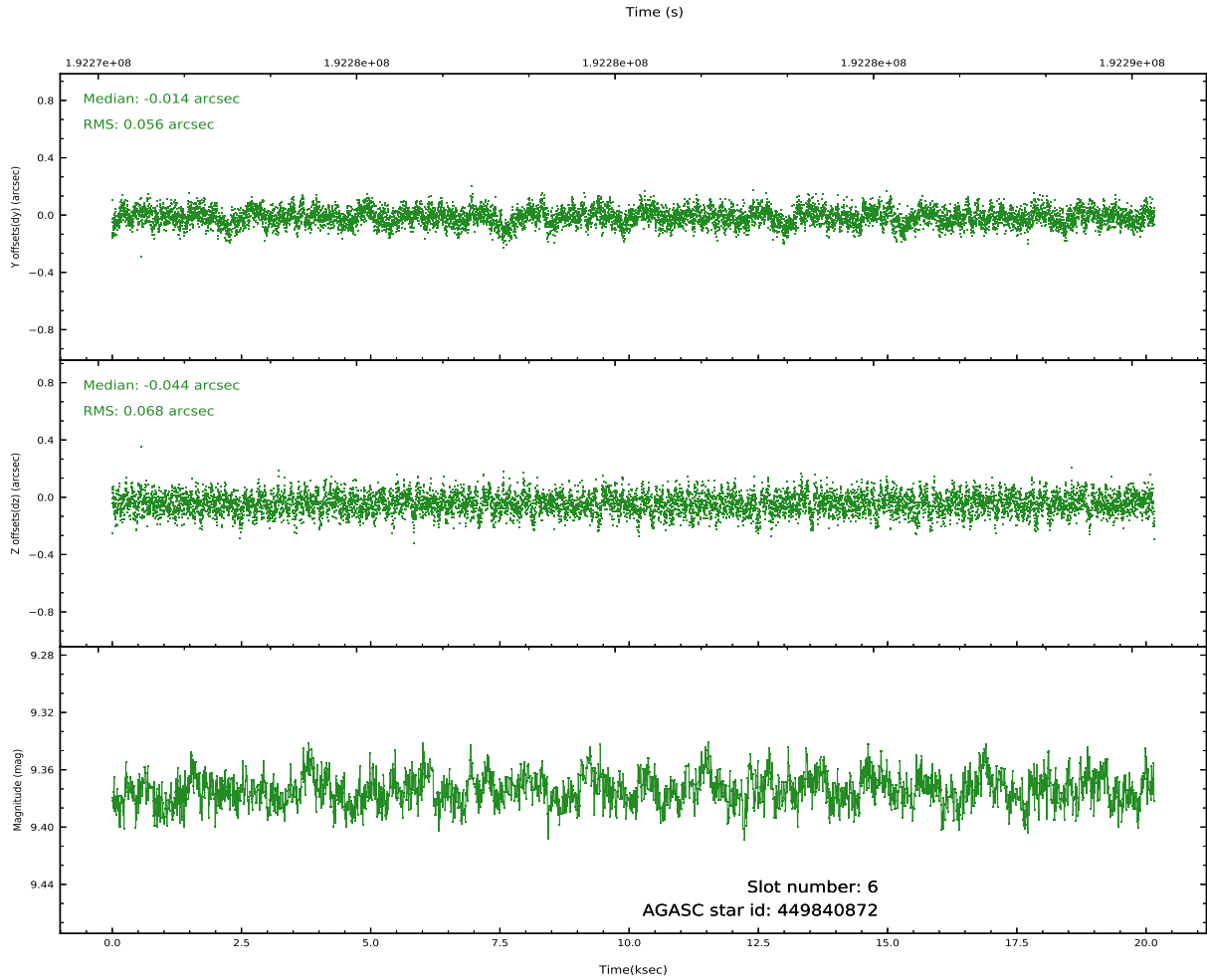
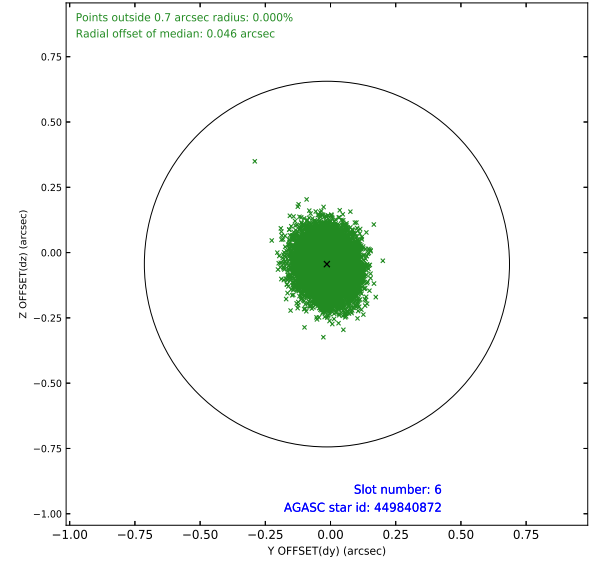
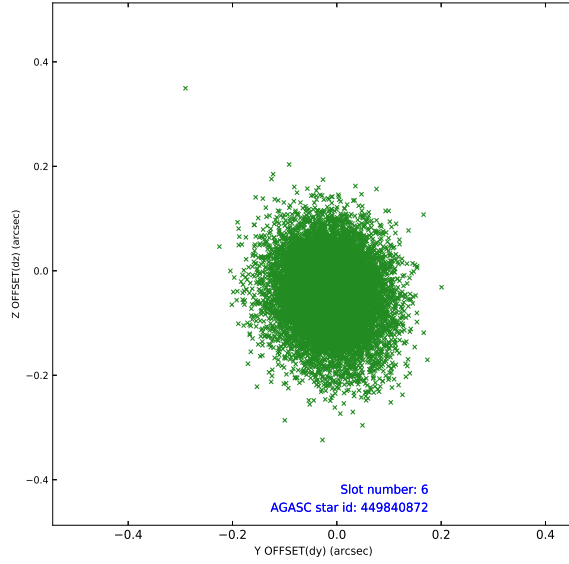
2.4.2 Slot 4



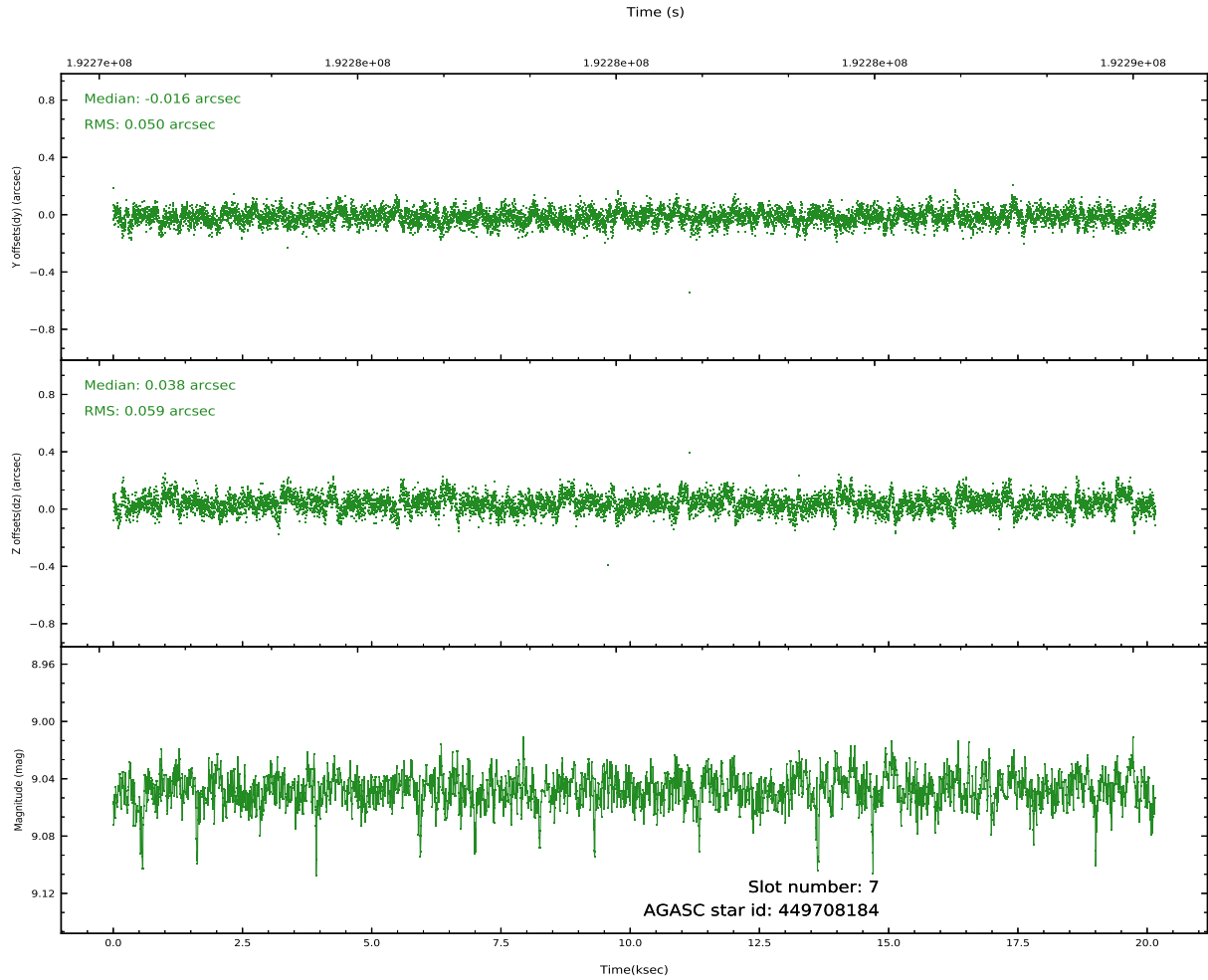
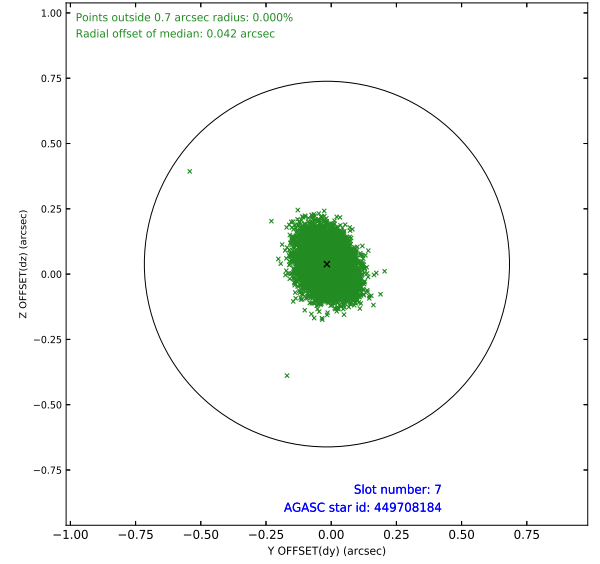
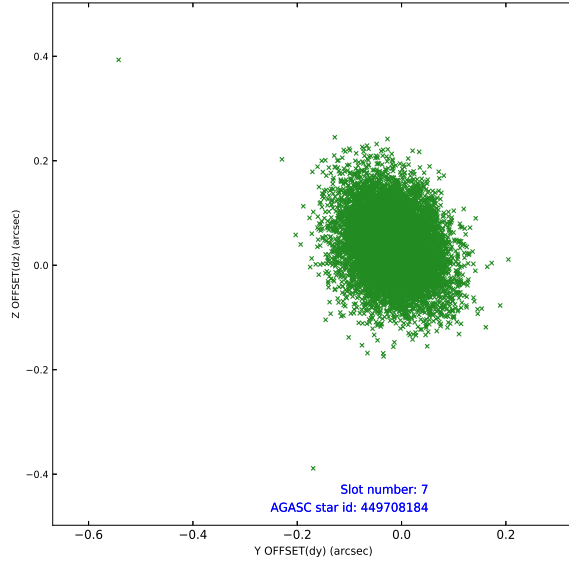
2.4.3 Slot 5



2.4.4 Slot 6

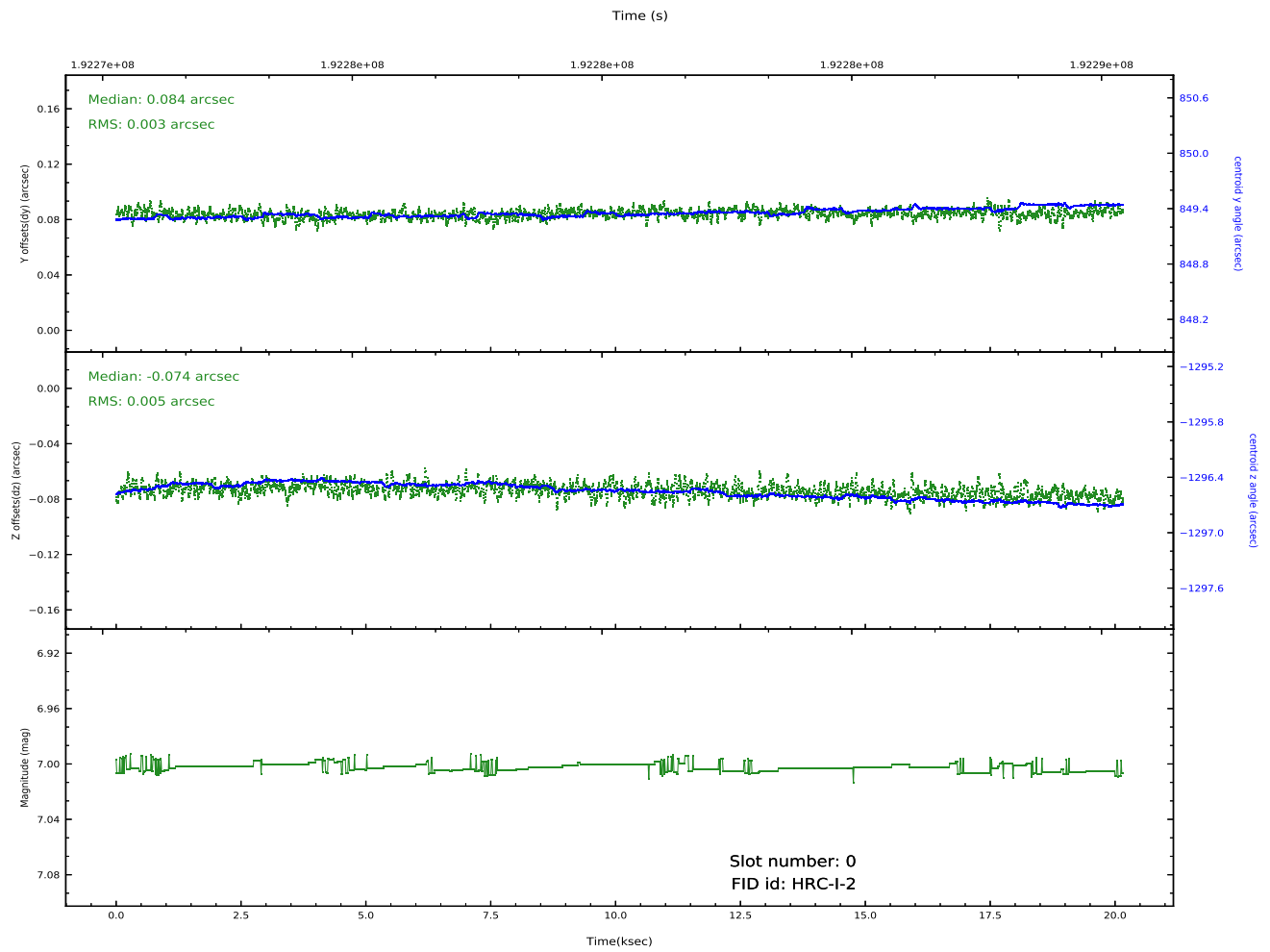
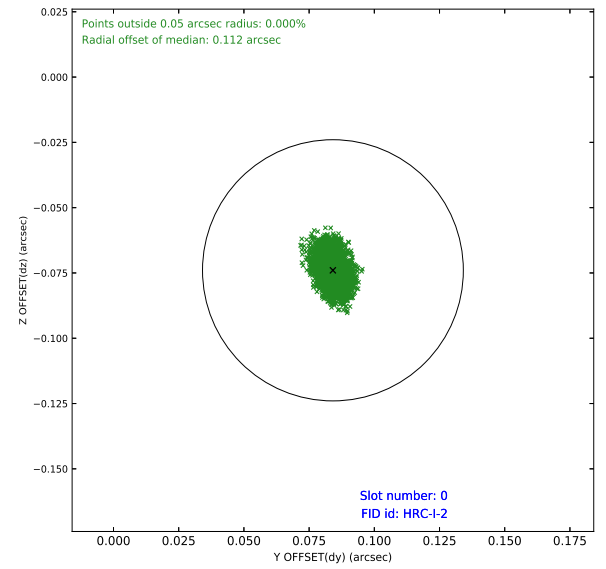
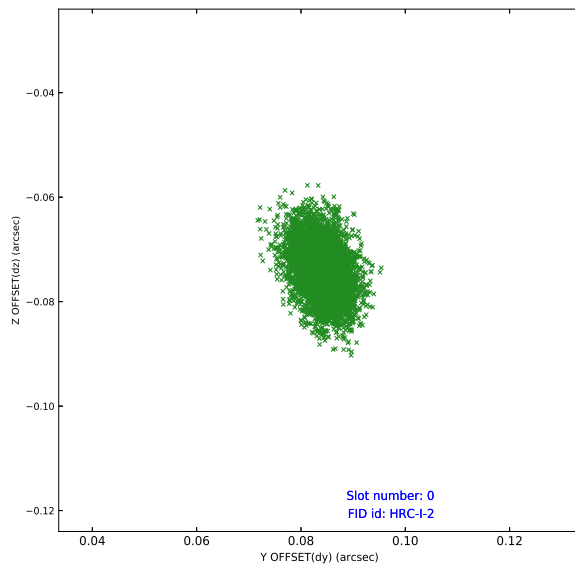


2.4.5 Slot 7

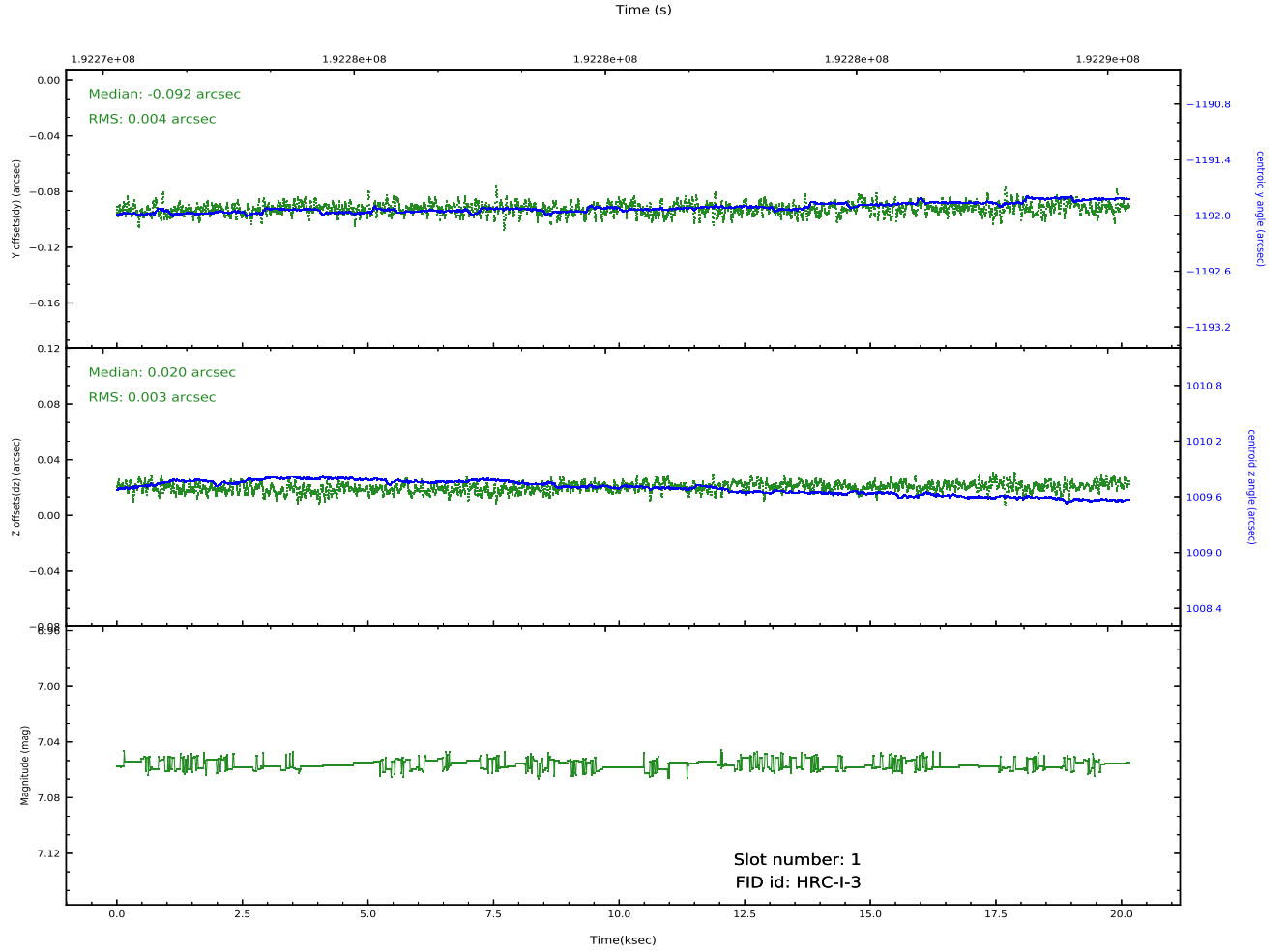
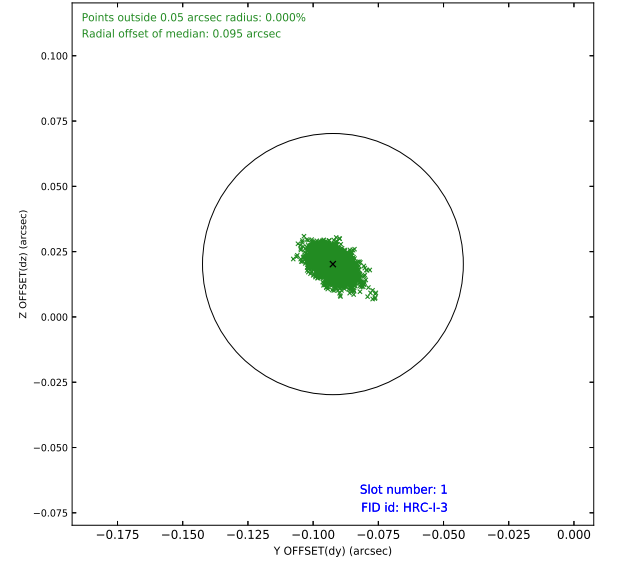
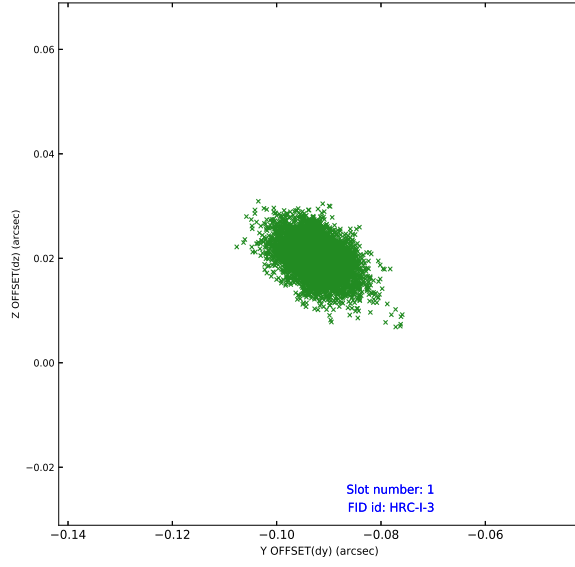


2.5 FID Slots

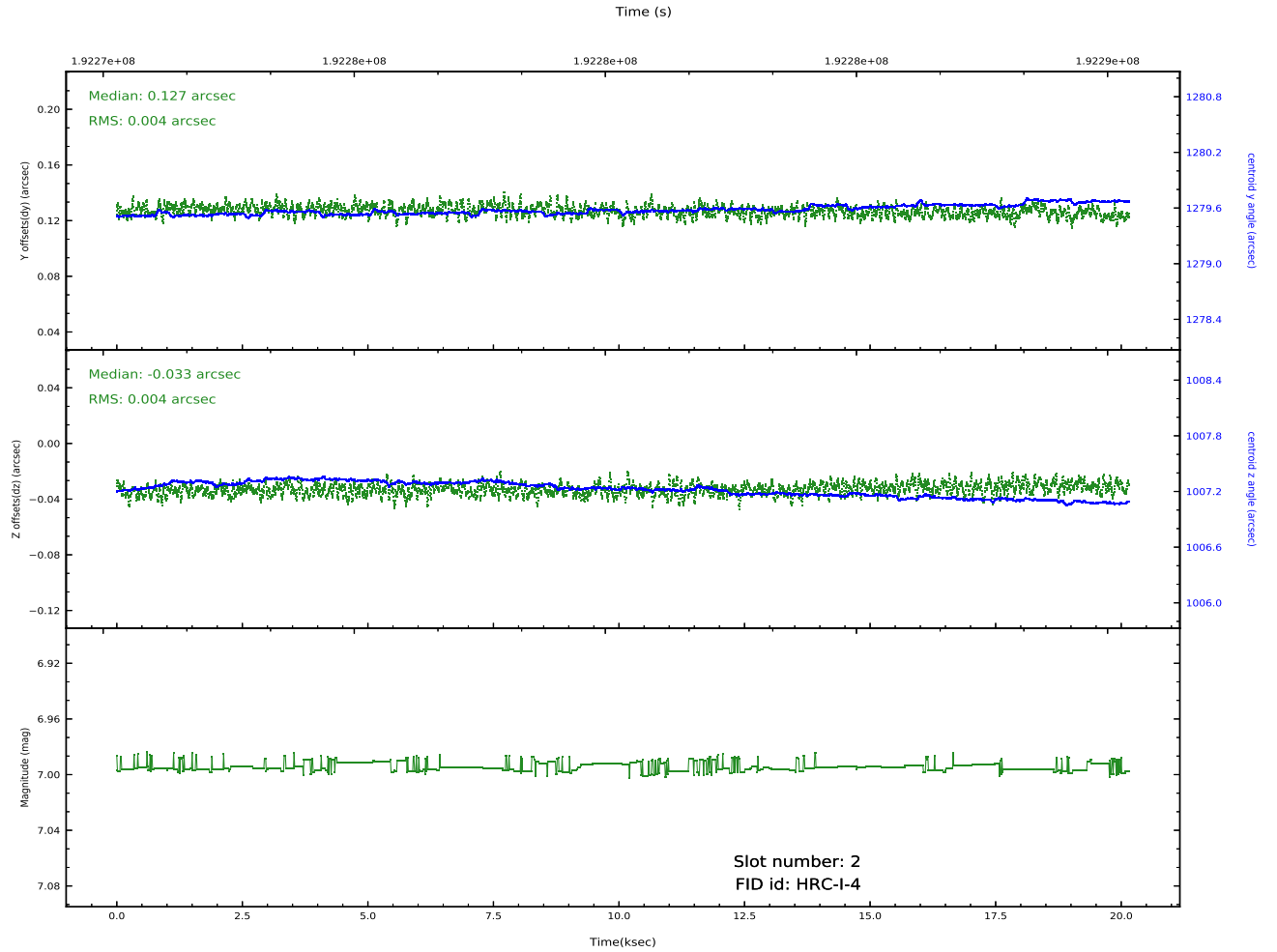
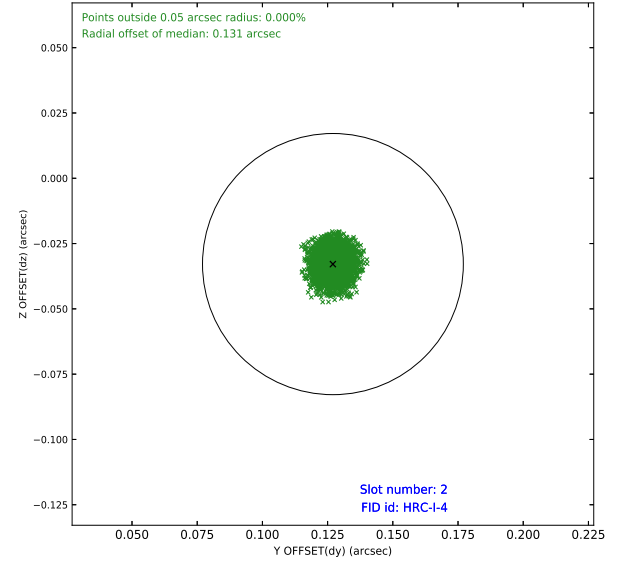
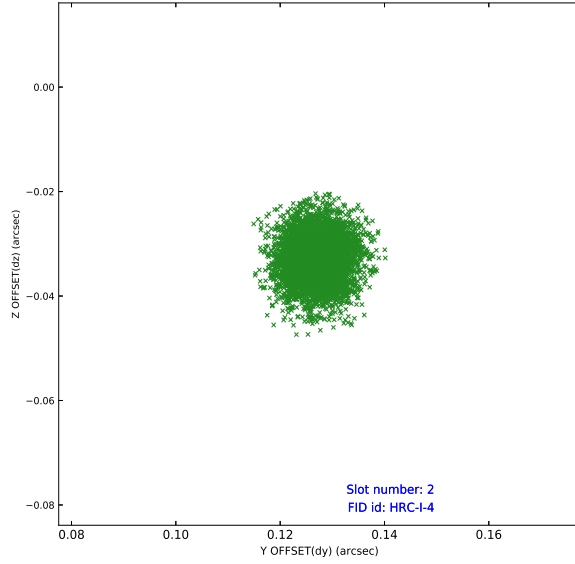
2.5.1 Slot 0



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)	2020.09.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	19.871

A.2 Comments