

V&V Reference Report

L2 ASCDS Version : 10.9.1

Observation 6072 - L2 Version 5
Chandra X-Ray Center

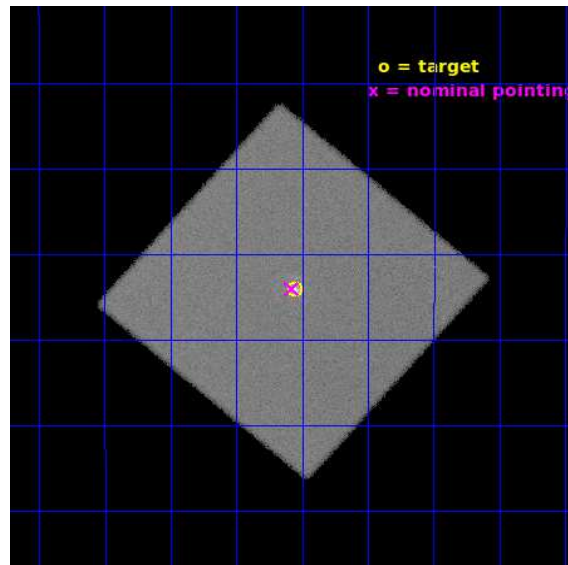
L2 Processing Date : Oct 6 2020

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1 Front

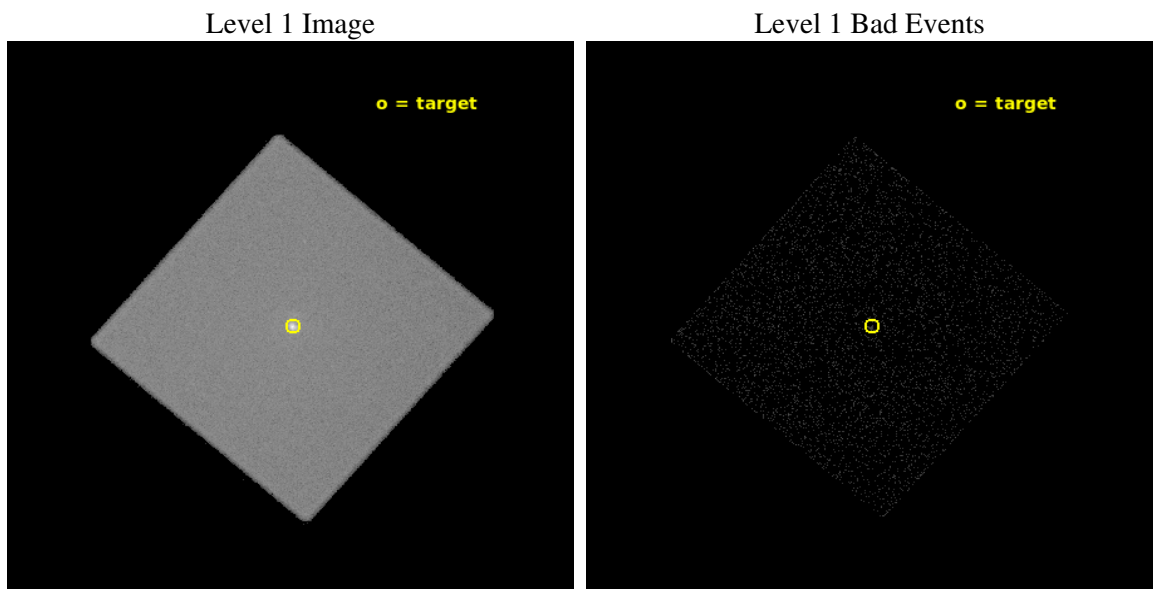
seq_num	590399	Sequence number
obs_id	6072	Observation id
title	AO6A Observations of the Standard Candles Cas A and G21.5-09	Propo
observer	CXC Calibration	Principal investigator
object	SNR G21.5-0.9	Source name
ra_targ	278.389583	Observer's specified target RA [deg]
dec_targ	-10.568528	Observer's specified target Dec [deg]
ra_nom	278.39441078237	Nominal RA [deg]
dec_nom	-10.567112715023	Nominal Dec [deg]
roll_nom	85.937359947102	Nominal Roll [deg]
revision	5	Processing version of data
ontime	19150.075867206	[s]
livetime	19020.067820252	Ontime multiplied by DTCOR
l2events	691606	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	19000.000000	[s] Scheduled observation exposure time
ascdsver	10.9.1	Processing system revision	ontime	19150.075867206	[s]
caldbver	4.9.2	 	l1events	1058473	Number of level 1 events
date	2020-10-06T22:47:11	Date and time of file creation			
revision	5	Processing version of data			

2.1.3 Events

Level 1 Events

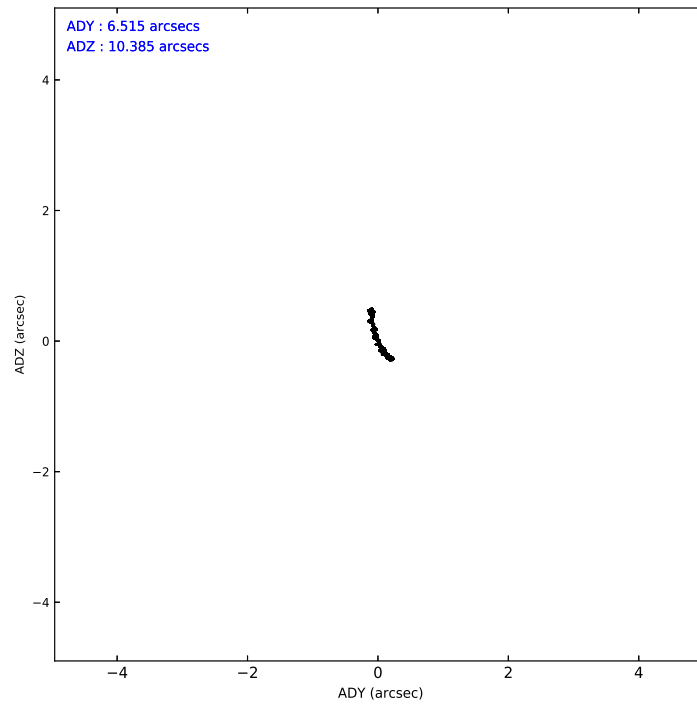
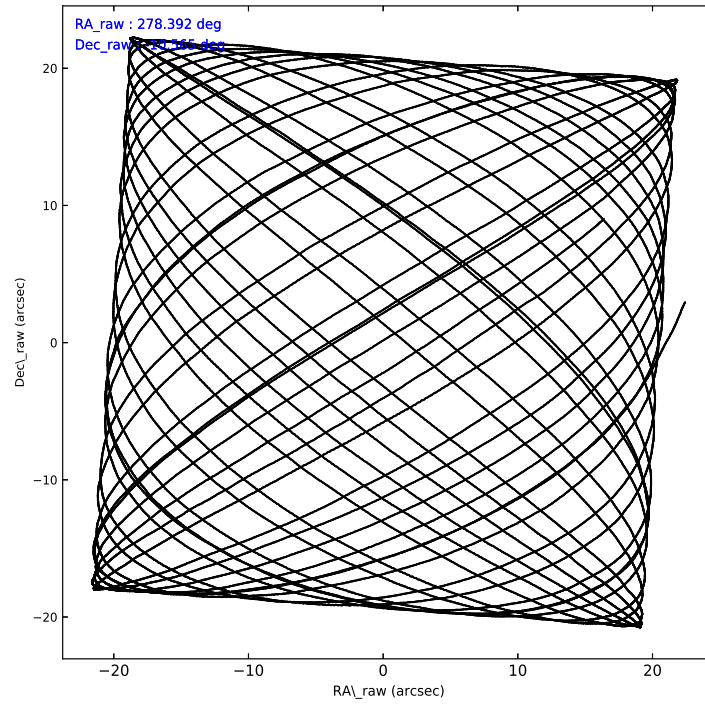
	segment 0
level 1 events	1058473
rejected events	28564
rejected %	2%

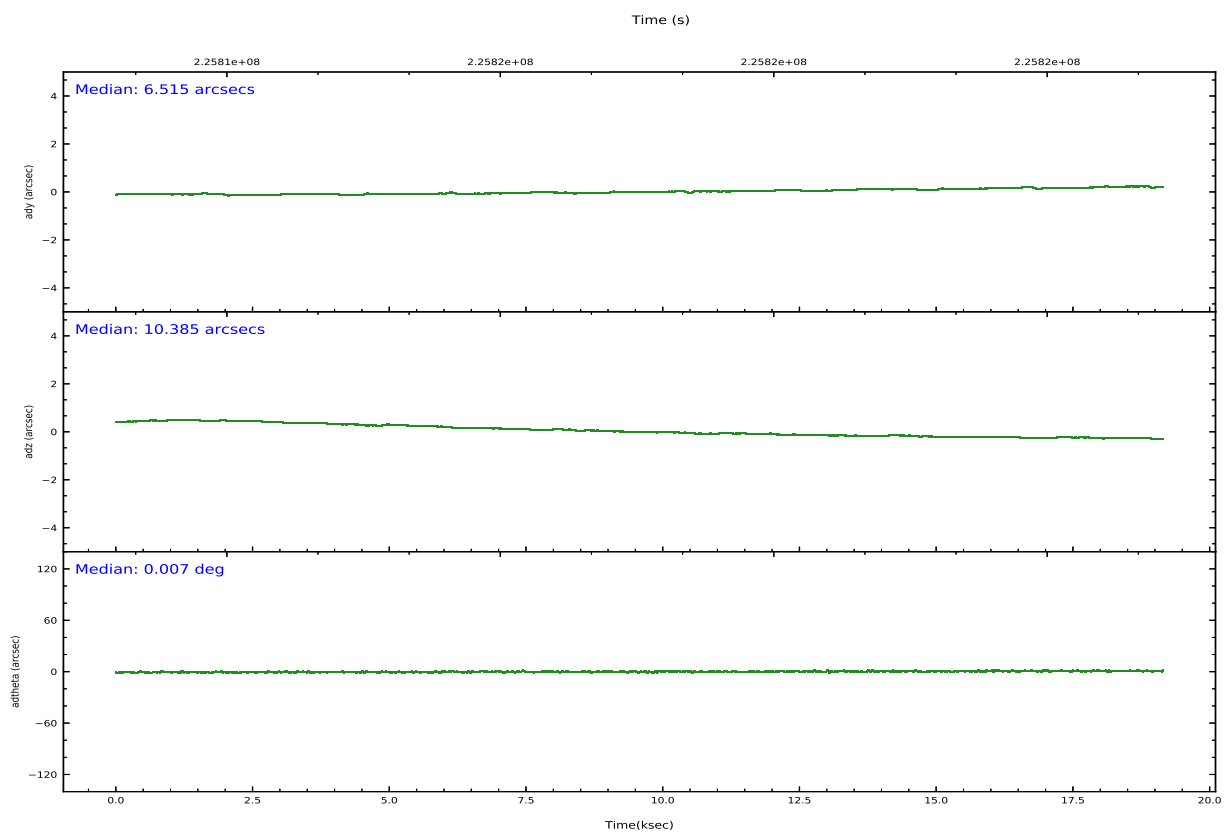
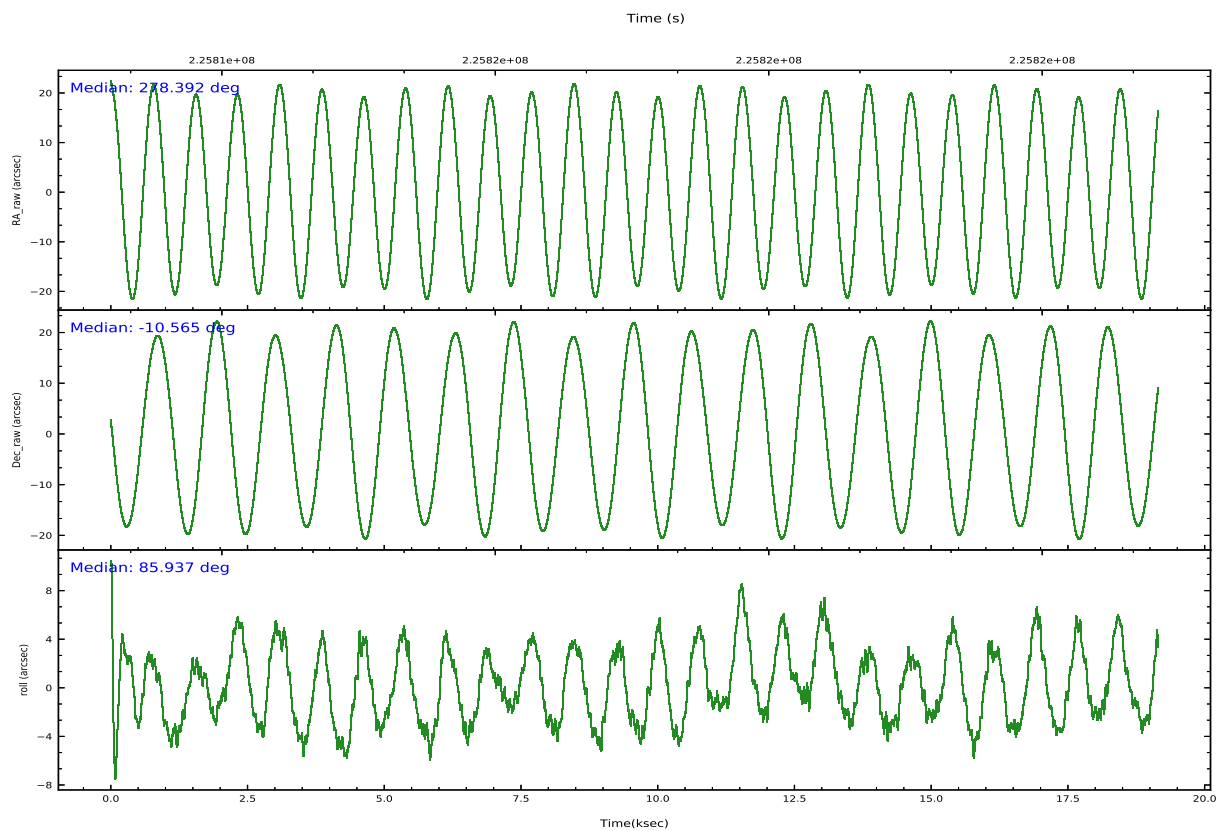
2.2 Compared Parameters

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	278.404125	278.39441078237
[deg] Pointing Dec	-10.588897	-10.567112715023
[deg] Pointing Roll	86.045488	85.937359947102
[s] Window start time (MET)	225331264.184000	225331264.184000
[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)	225808119.184000	225807718.38259
Observation start date	2005-02-26T12:27:35	2005-02-26T12:21:58
[s] Observation end time (MET)	225827119.184000	225827614.65849
Observation end date	2005-02-26T17:44:15	2005-02-26T17:53:34

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

2.3 Aspect



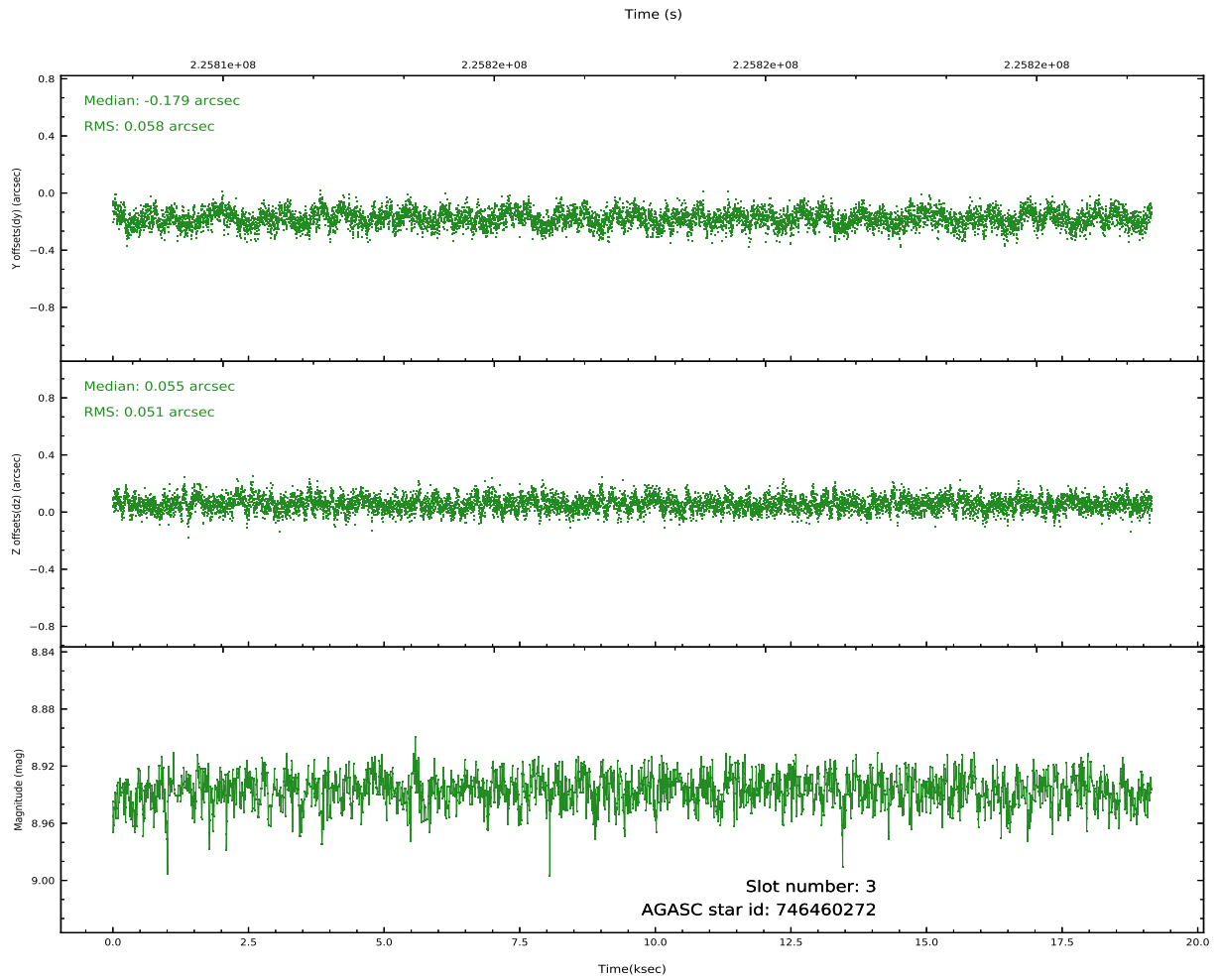
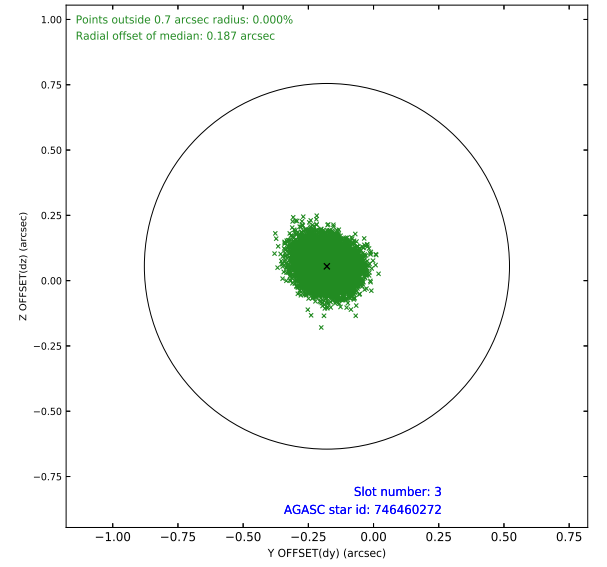
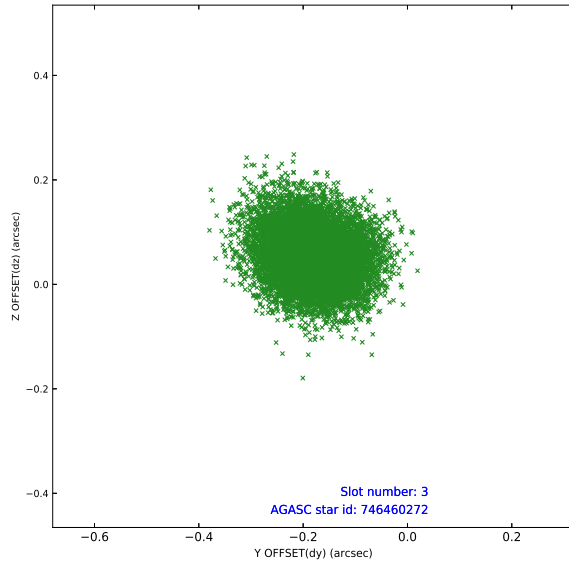


Slot Statistics

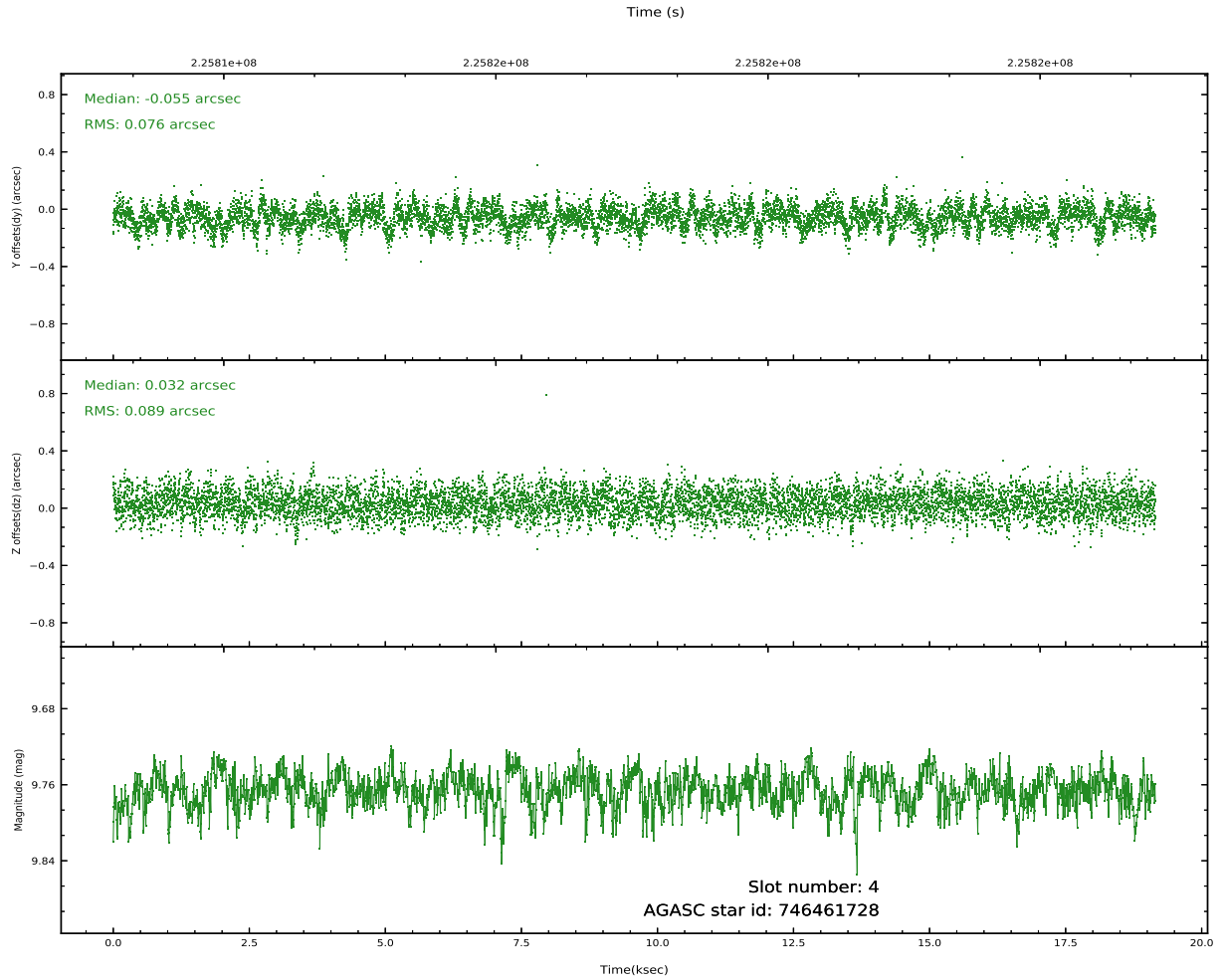
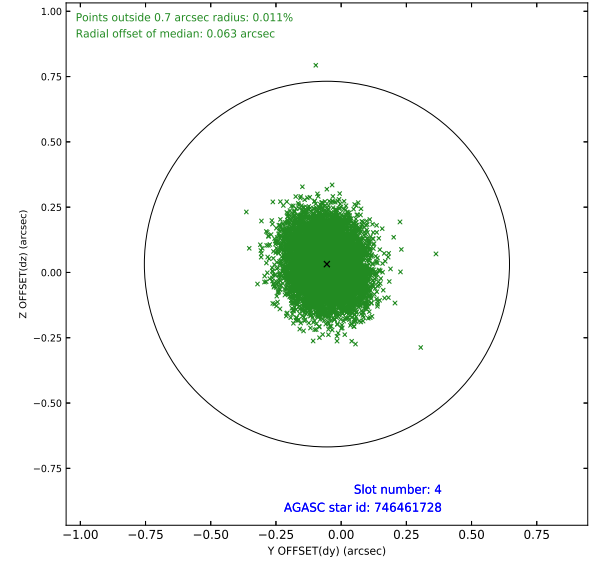
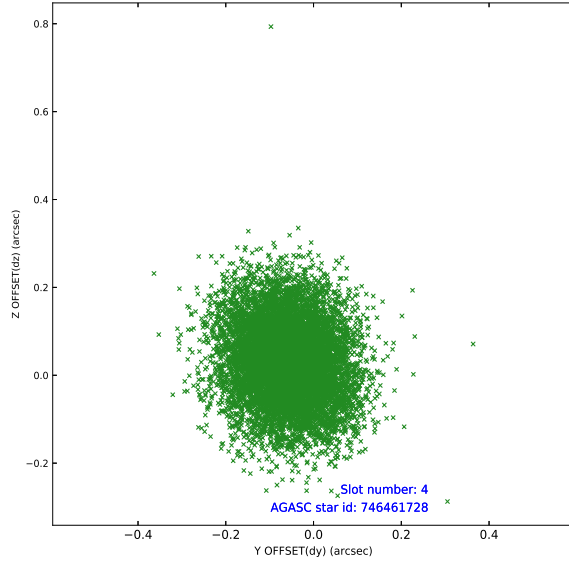
pt	status	used	id	mag	n_pts	frac_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mea
0	FID		HRC-I-1	7.02	4671	1.000	-0.023	-0.016	0.013	0.022	0.000000	0.000000	-762.09	-1298
1	FID		HRC-I-2	7.06	4671	1.000	0.122	-0.055	0.006	0.011	0.000000	0.000000	850.52	-1300
2	FID		HRC-I-3	7.10	4671	1.000	0.020	-0.018	0.013	0.023	0.000000	0.000000	-1190.40	1005
3	GUIDE	used	746460272	8.94	9336	1.000	-0.179	0.055	0.083	0.133	278.847488	-10.152127	1676.69	-1458
4	GUIDE	used	746461728	9.77	9306	1.000	-0.055	0.032	0.124	0.200	278.986921	-10.530755	350.33	-2043
5	GUIDE	used	746462392	8.54	9339	1.000	0.077	0.031	0.089	0.136	279.038421	-10.890715	-931.48	-2312
6	GUIDE	used	746462456	8.38	9341	1.000	0.021	-0.108	0.067	0.108	278.652171	-10.530173	271.28	-861
7	GUIDE	used	746462680	9.02	9315	1.000	0.139	-0.006	0.079	0.130	278.660755	-10.782756	-632.92	-953

2.4 Star Slots

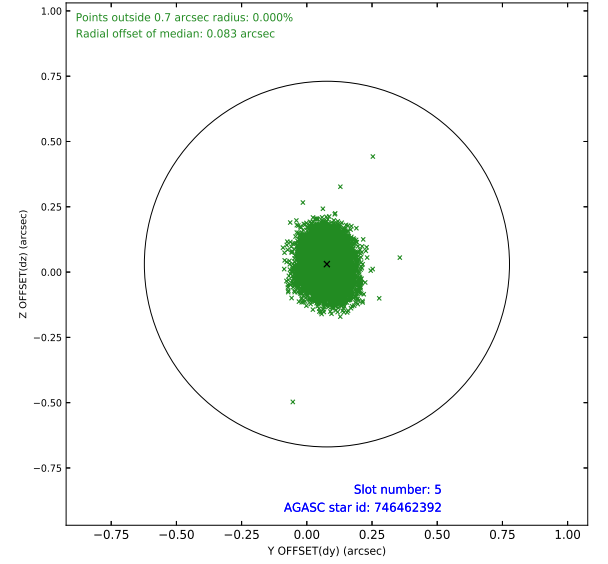
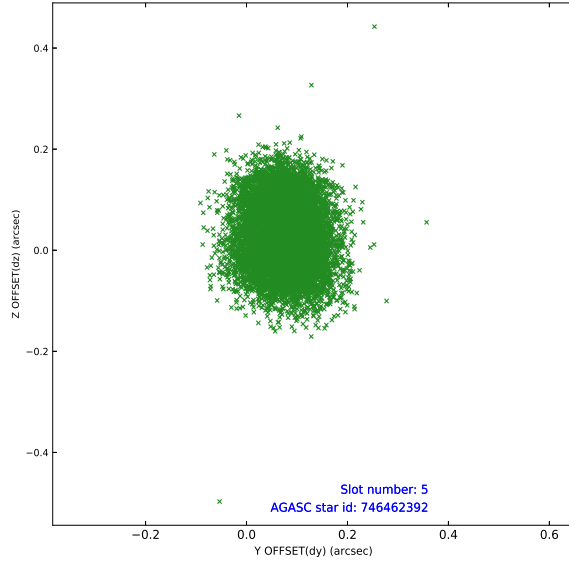
2.4.1 Slot 3



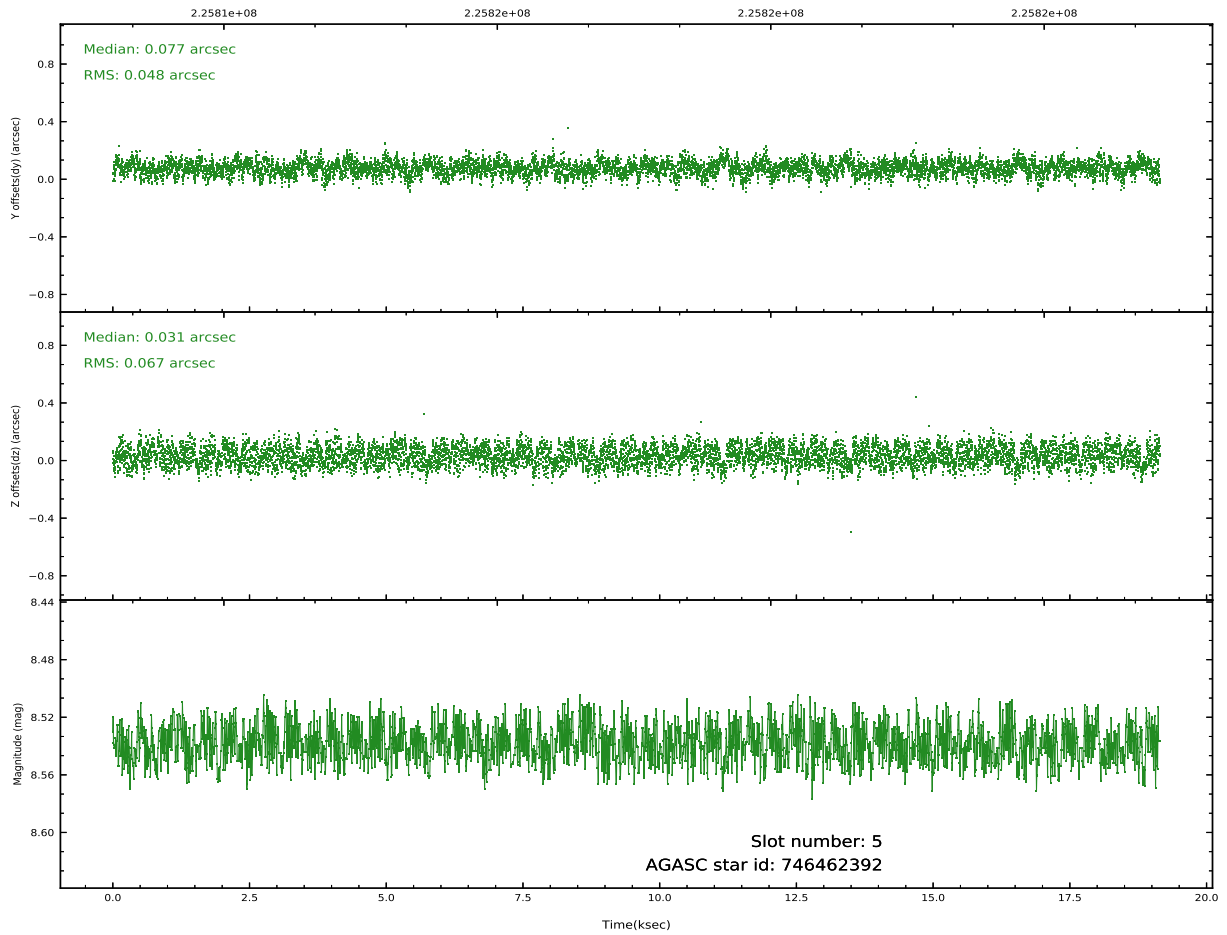
2.4.2 Slot 4



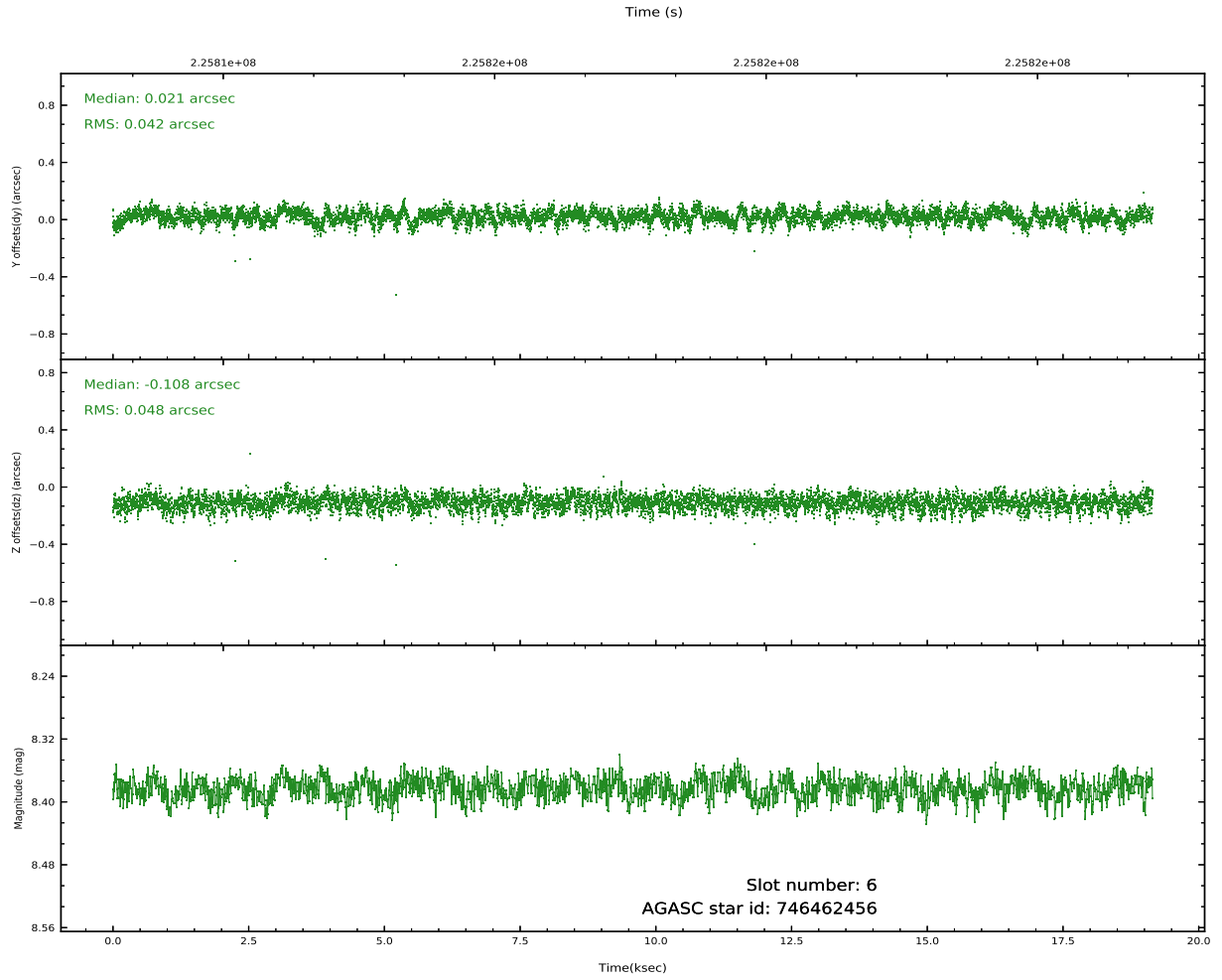
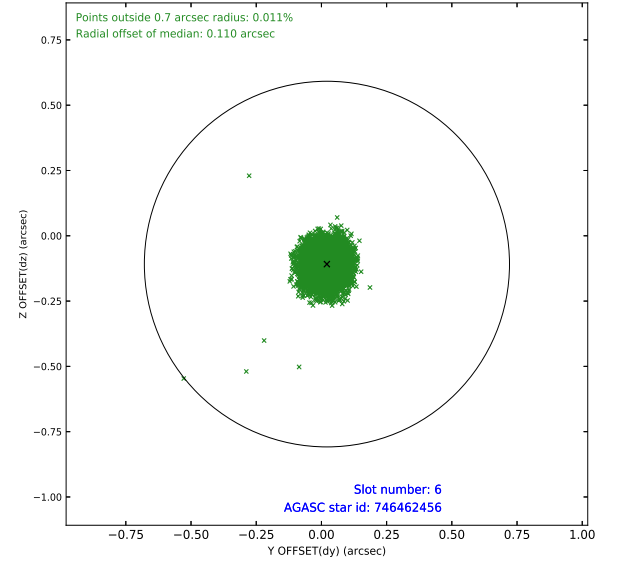
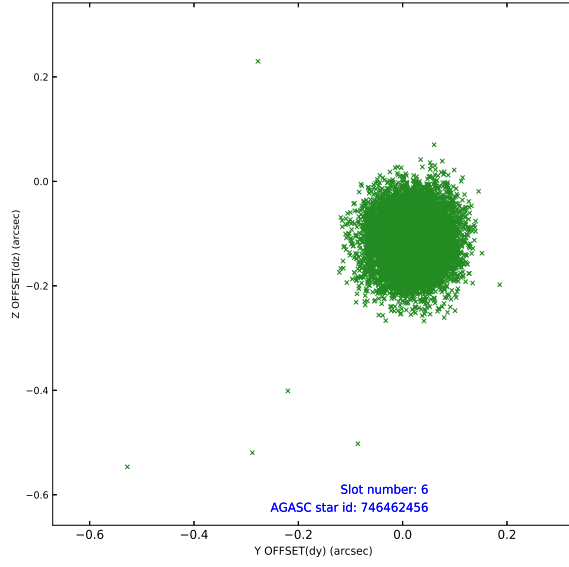
2.4.3 Slot 5



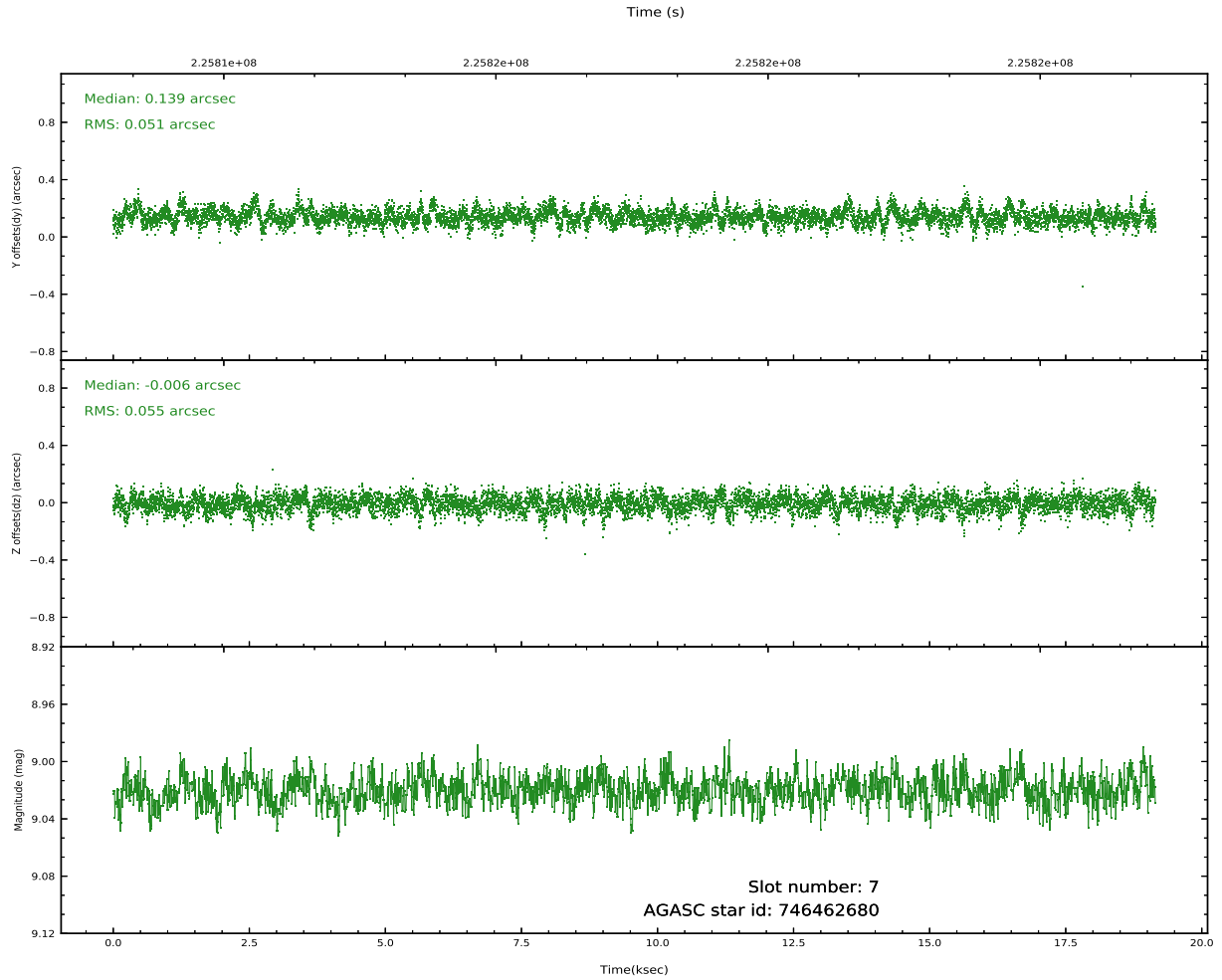
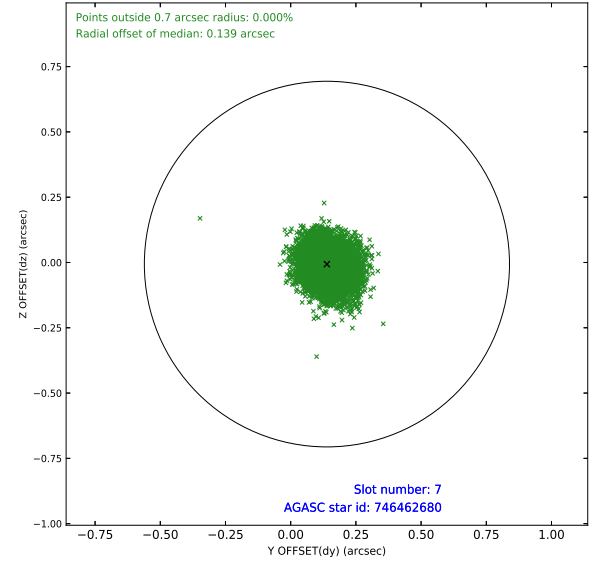
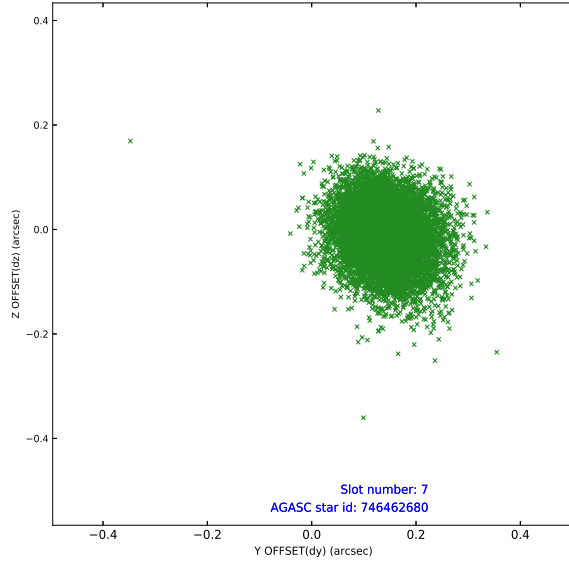
Time (s)



2.4.4 Slot 6

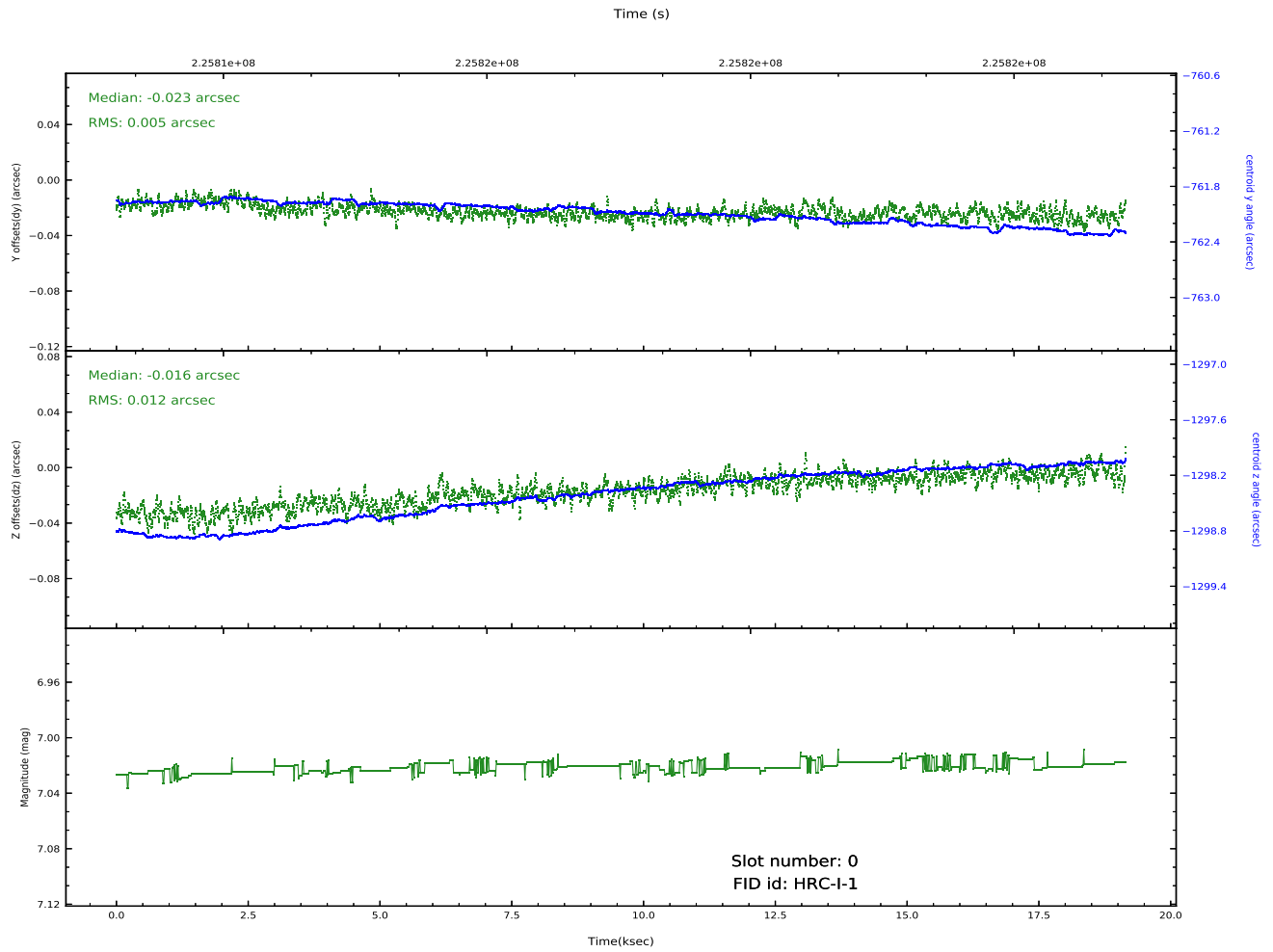
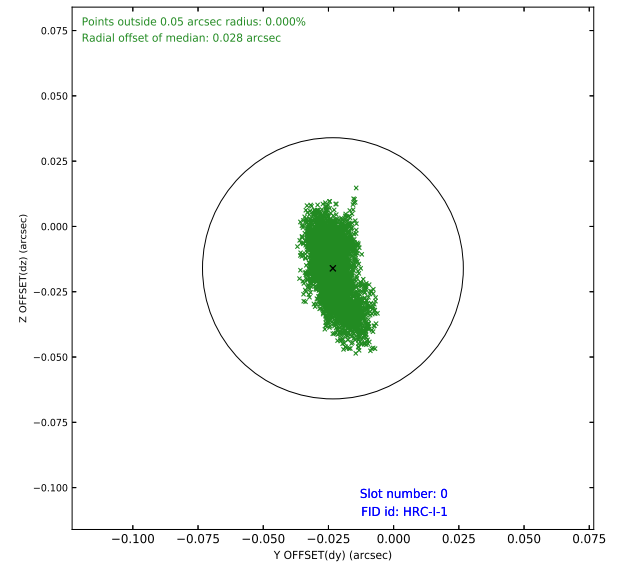
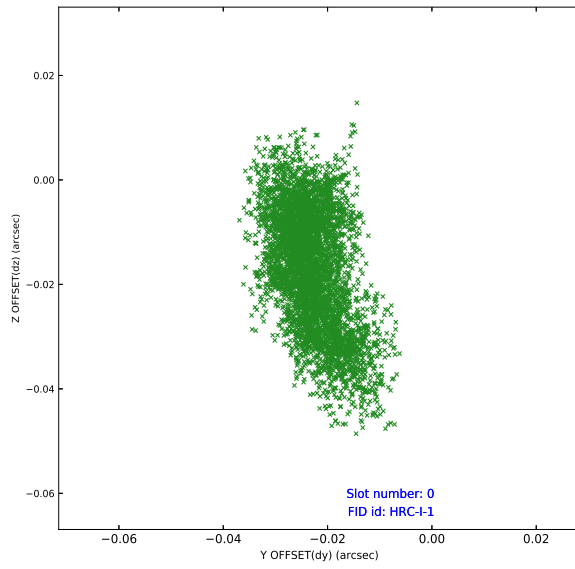


2.4.5 Slot 7

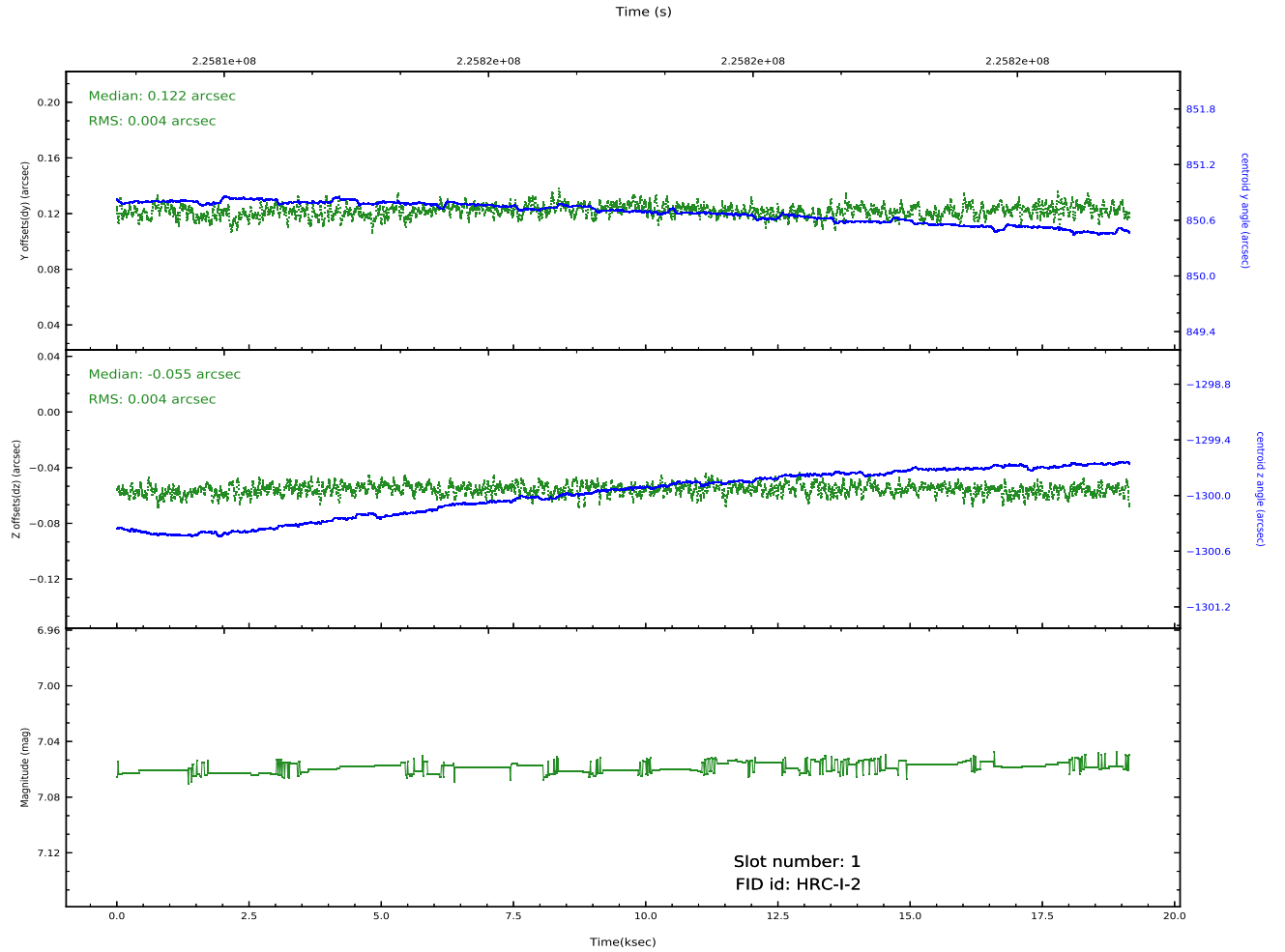
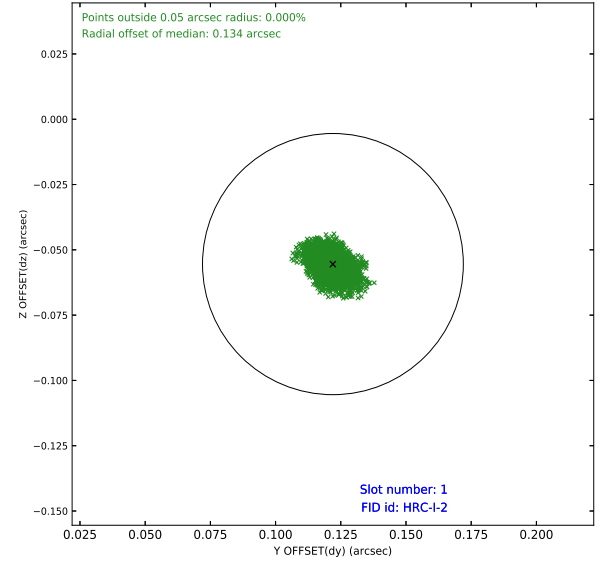
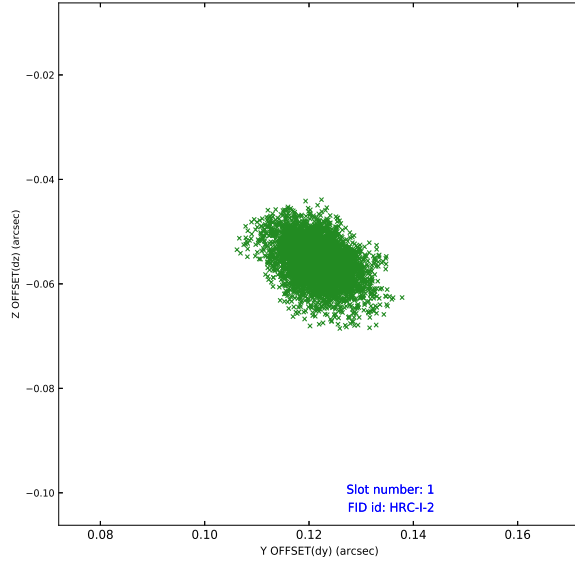


2.5 FID Slots

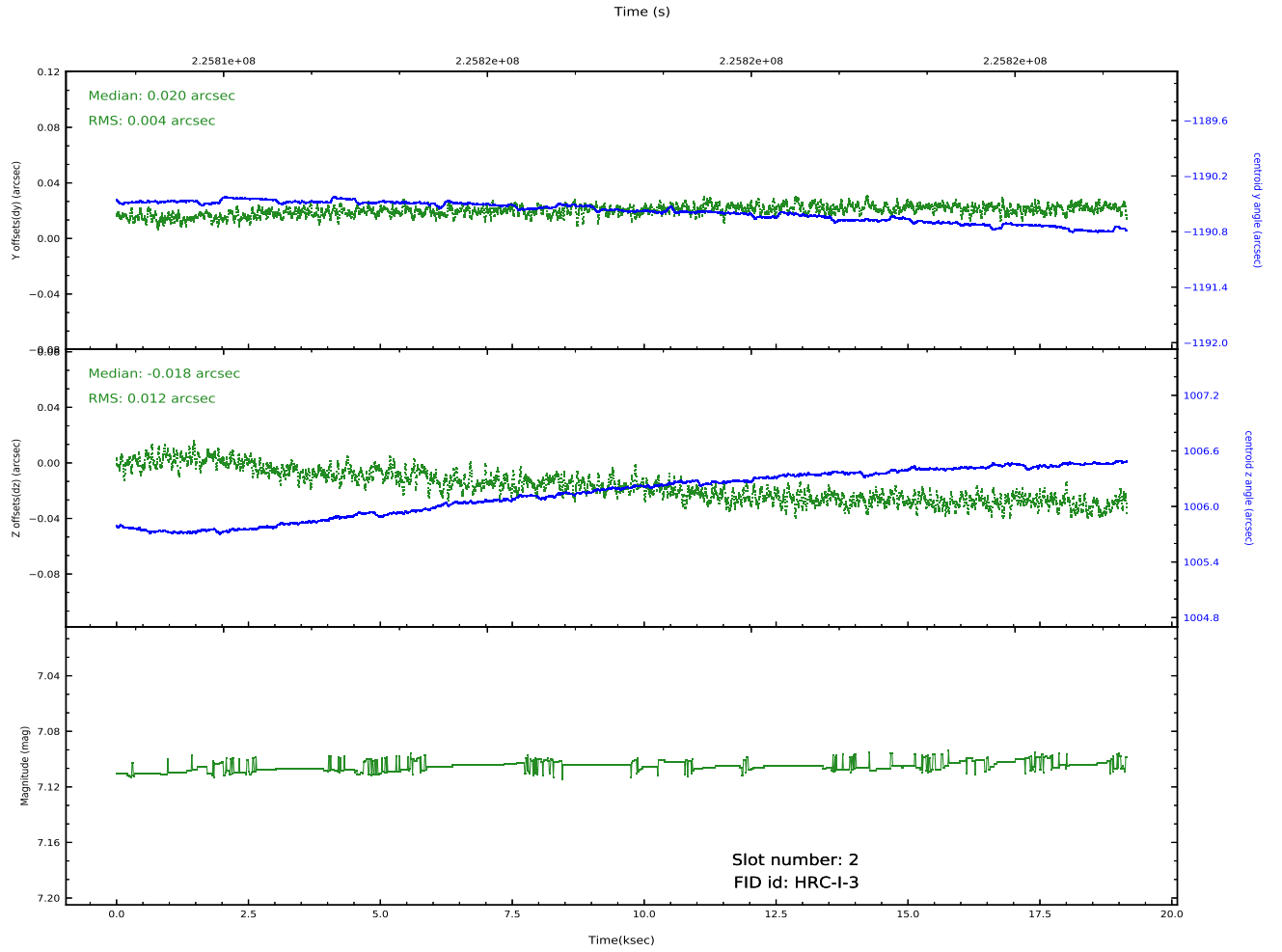
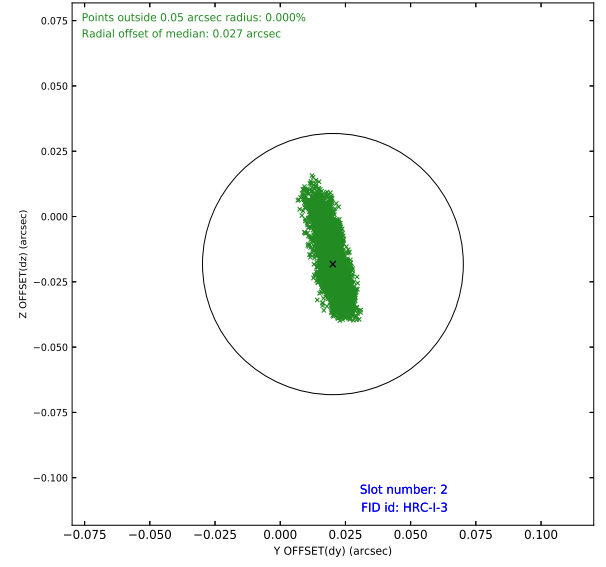
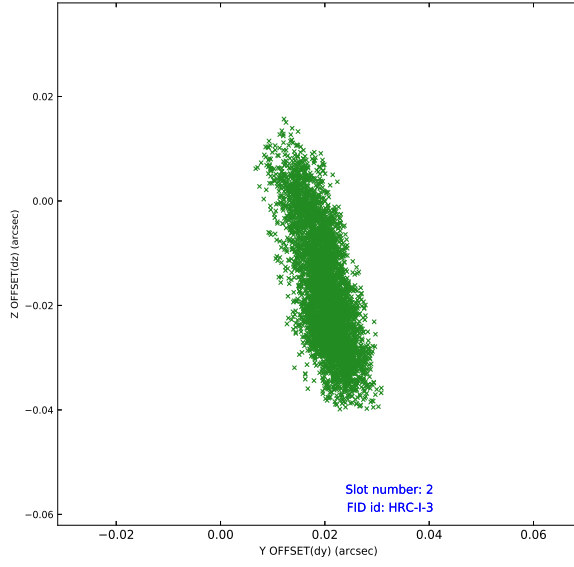
2.5.1 Slot 0



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)	2020.10.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	19.15007

A.2 Comments

Window constraint satisfied.