

V&V Reference Report

L2 ASCDS Version : 10.9.2

Observation 20769 - L2 Version 2
Chandra X-Ray Center

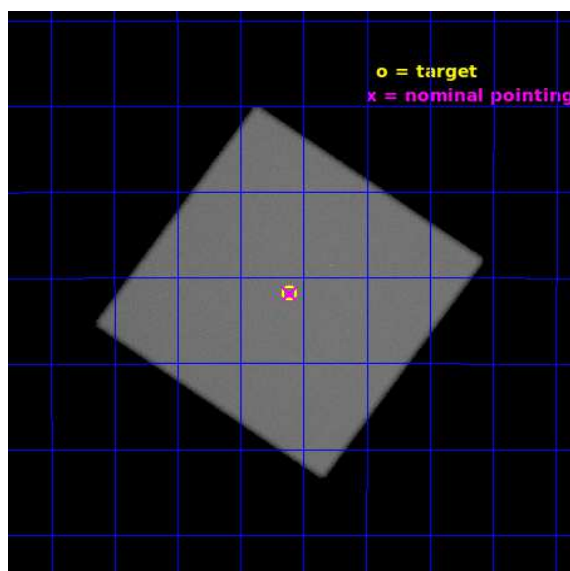
L2 Processing Date : Oct 25 2020

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1 Front

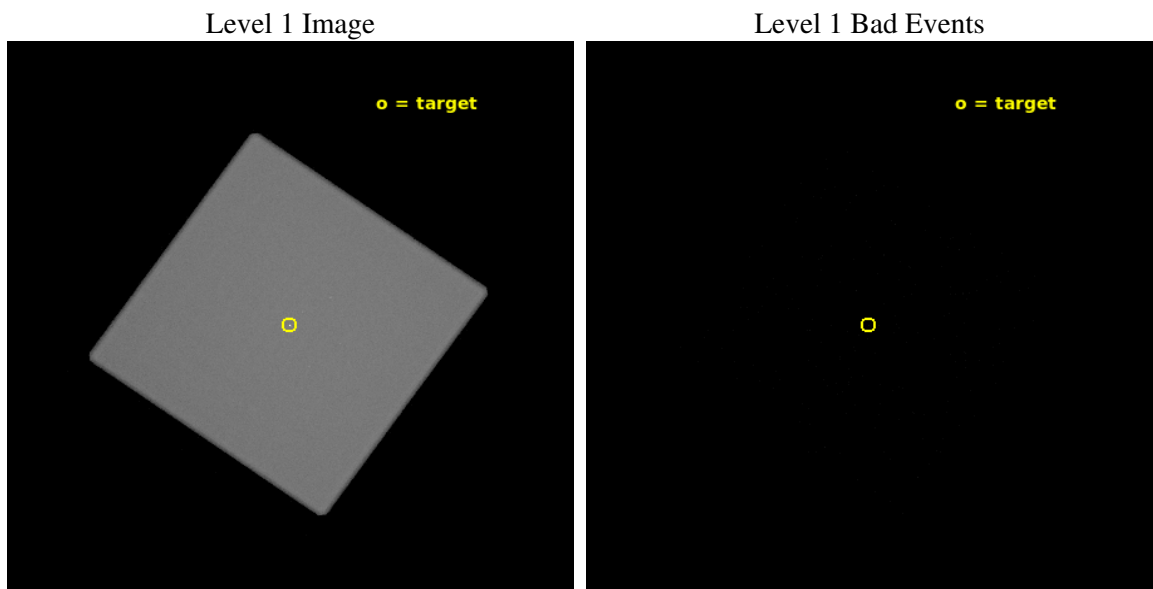
seq_num	703634	Sequence number
obs_id	20769	Observation id
title	In search of an X-ray counterpart to the kpc-scale quasar-driven multiphase outflow in HE 1353-1917	Proposal title
observer	Ralph Kraft	Principal investigator
object	HE 1353-1917	Source name
ra_targ	209.152917	Observer's specified target RA [deg]
dec_targ	-19.529167	Observer's specified target Dec [deg]
ra_nom	209.15197070987	Nominal RA [deg]
dec_nom	-19.530987521355	Nominal Dec [deg]
roll_nom	260.20056488054	Nominal Roll [deg]
revision	2	Processing version of data
ontime	40157.452374458	[s]
livetime	39622.725437387	Ontime multiplied by DTCOR
l2events	4623891	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	40000.000000	[s] Scheduled observation exposure time
ascdsver	10.9.2	Processing system revision	ontime	40157.452374458	[s]
caldsver	4.9.3	 	l1events	6234573	Number of level 1 events
date	2020-10-26T02:46:12	Date and time of file creation			
revision	2	Processing version of data			

2.1.3 Events

Level 1 Events

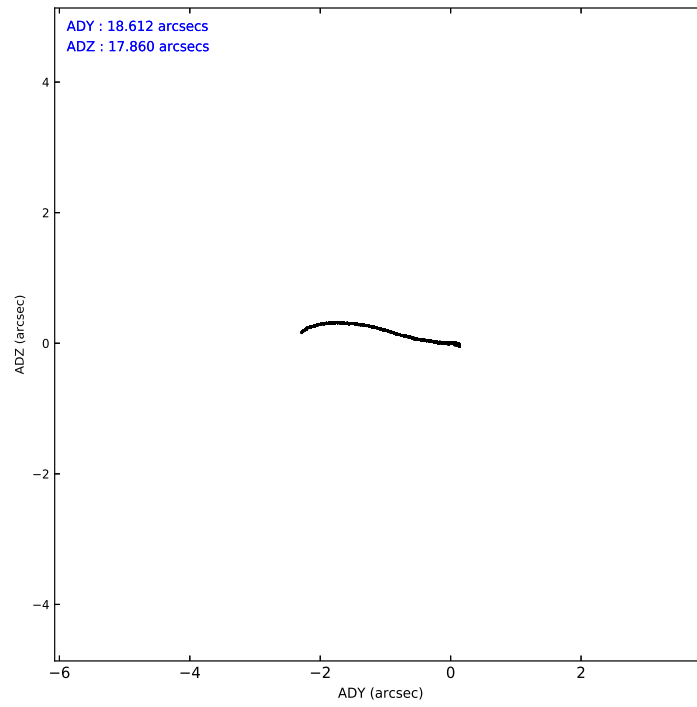
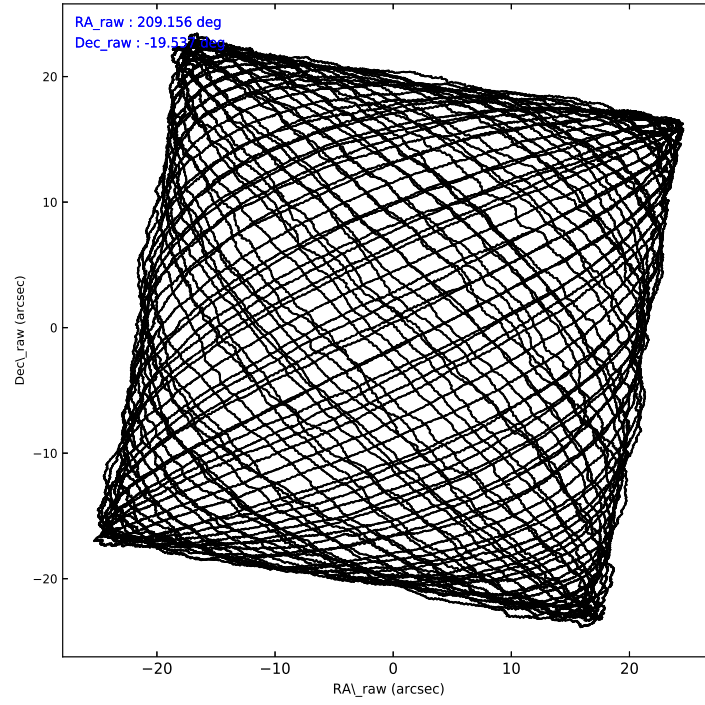
	segment 0
level 1 events	6234573
rejected events	140668
rejected %	2%

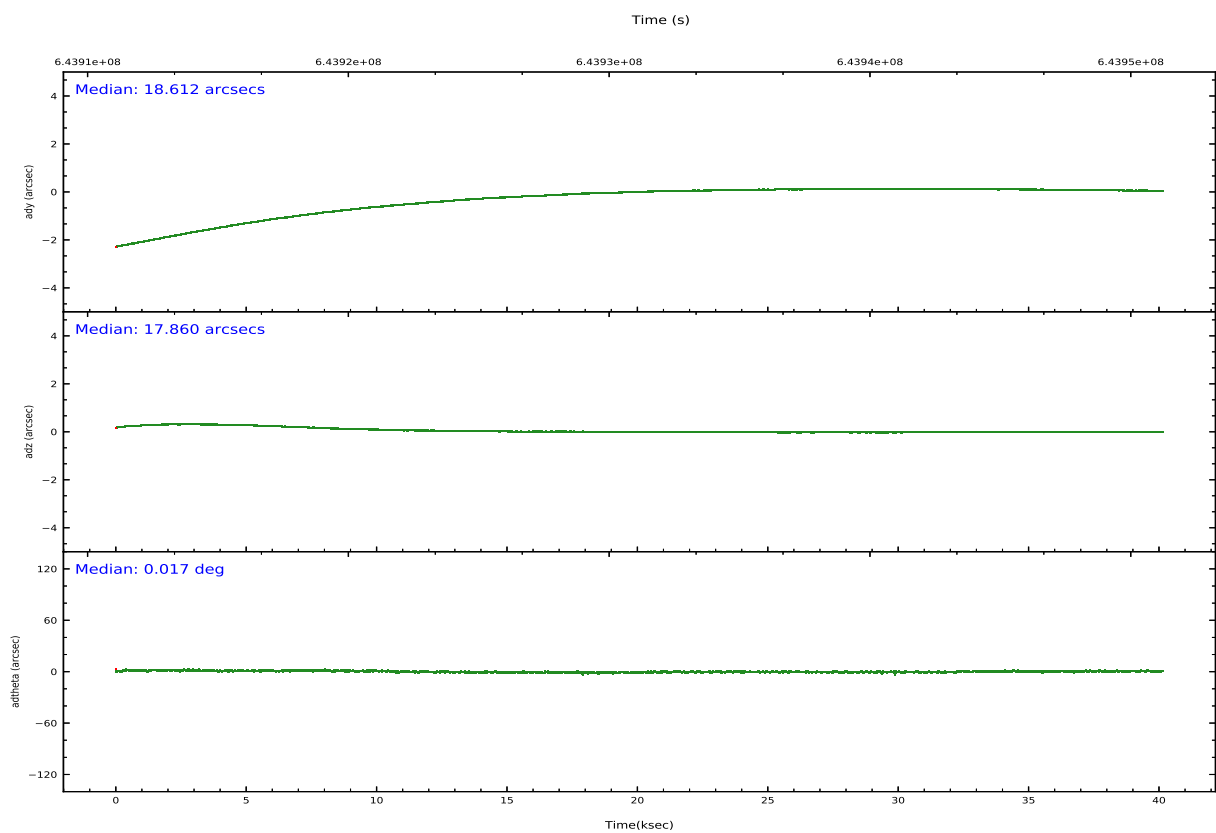
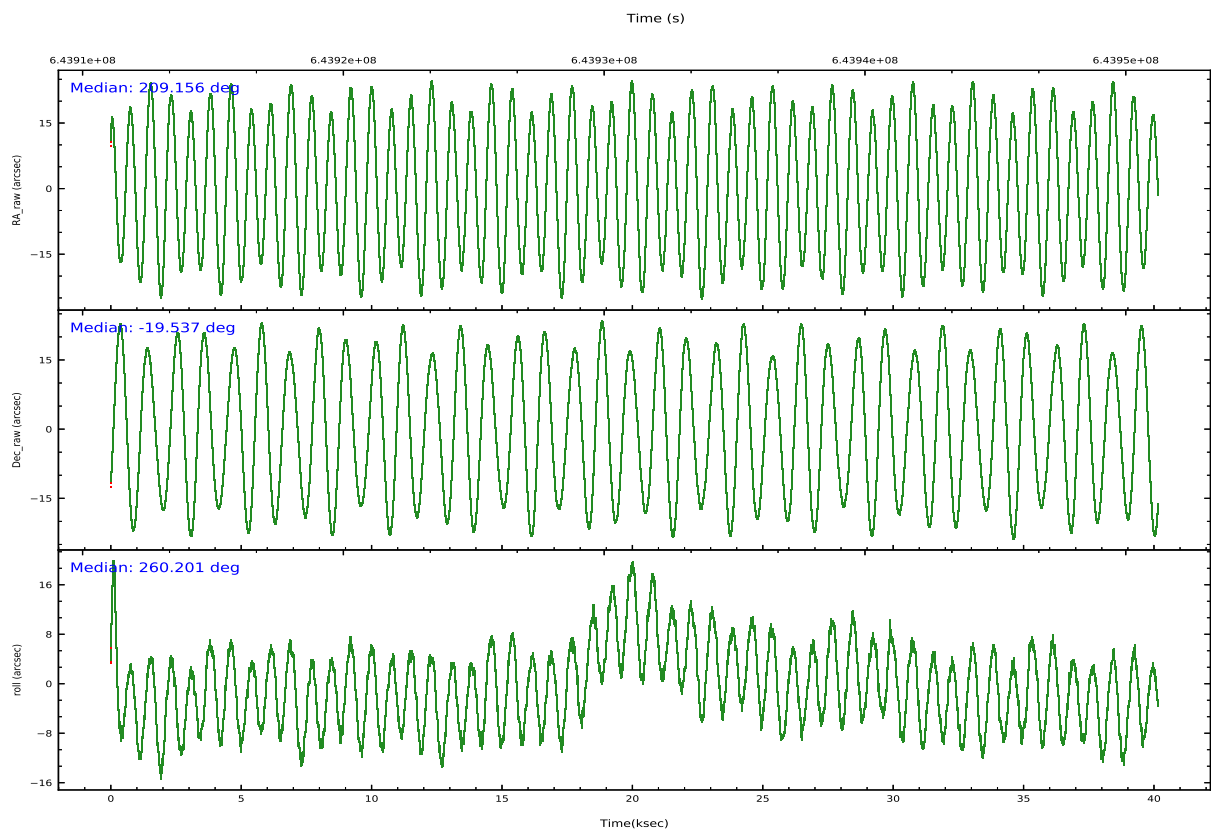
2.2 Compared Parameters

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	209.145748	209.15197070987
[deg] Pointing Dec	-19.511702	-19.530987521355
[deg] Pointing Roll	260.311058	260.20056488054
[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)	643911241.184000	643910179.16689
Observation start date	2018-05-28T16:12:52	2018-05-28T15:56:19
[s] Observation end time (MET)	643951241.184000	643952113.45687
Observation end date	2018-05-29T03:19:32	2018-05-29T03:35:13

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

2.3 Aspect



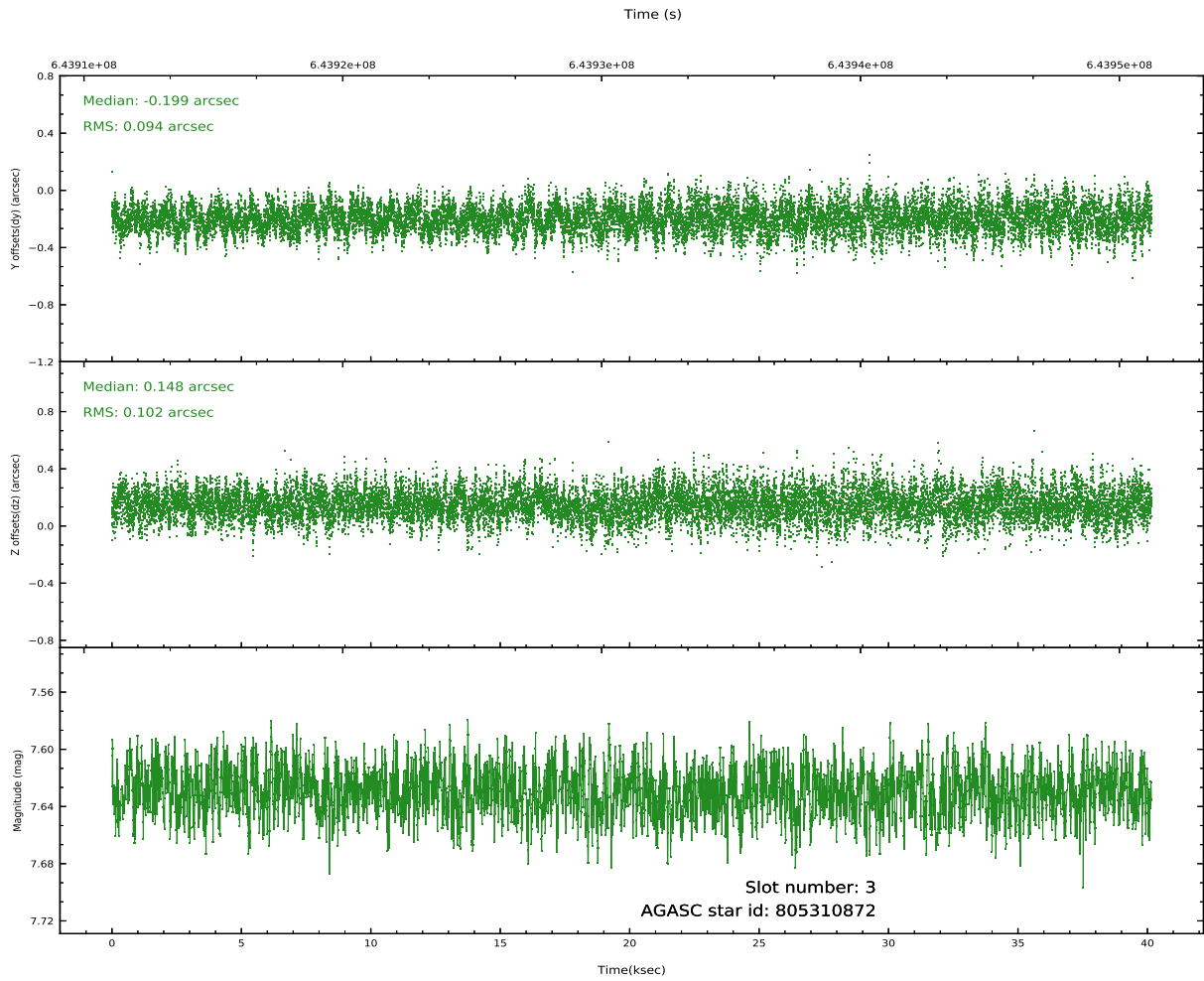
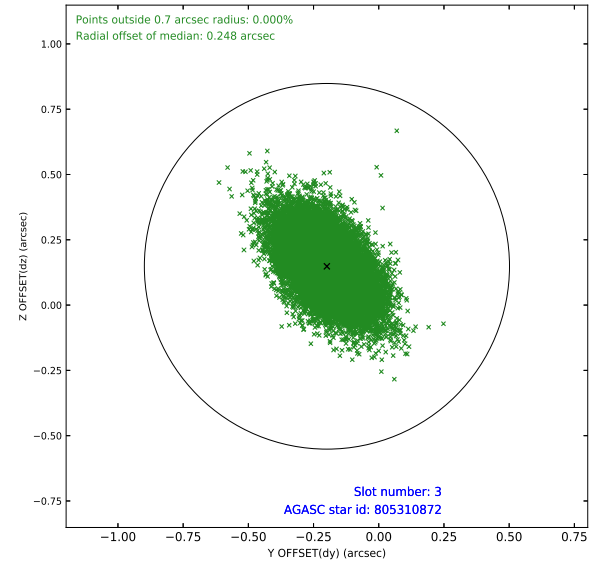
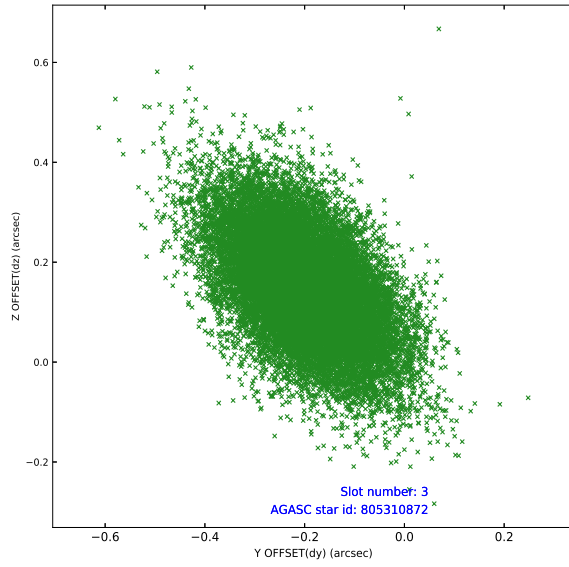


Slot Statistics

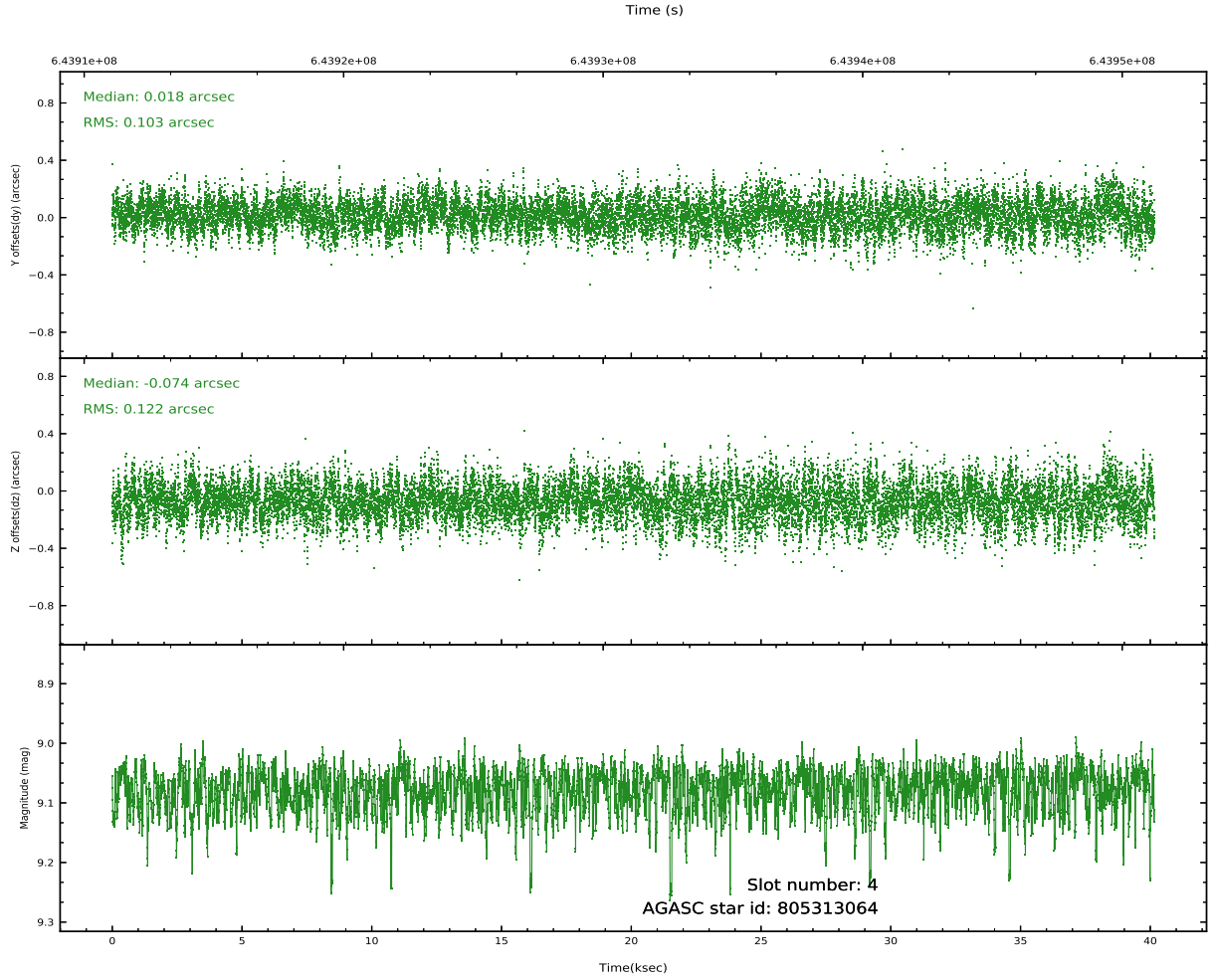
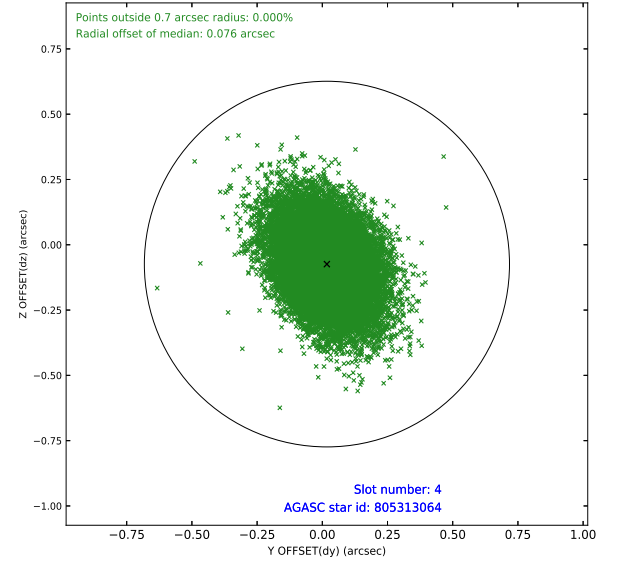
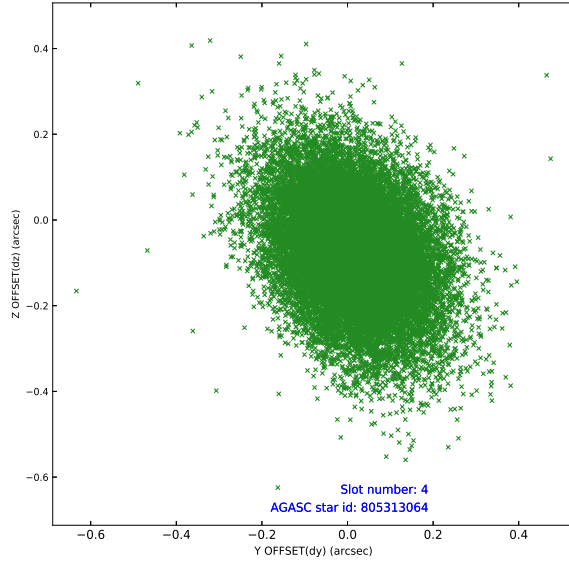
pt	status	used	id	mag	n_pts	frac_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mea
0	FID		HRC-I-1	7.00	9794	1.000	0.127	0.018	0.011	0.019	0.000000	0.000000	-774.22	-1305
1	FID		HRC-I-3	7.07	9795	1.000	-0.176	0.016	0.013	0.022	0.000000	0.000000	-1202.75	998
2	FID		HRC-I-4	7.01	9796	1.000	0.164	-0.122	0.014	0.023	0.000000	0.000000	1268.83	995
3	GUIDE	used	805310872	7.63	19588	1.000	-0.199	0.148	0.143	0.249	209.118308	-19.232615	-974.12	-261
4	GUIDE	used	805313064	9.08	19562	1.000	0.018	-0.074	0.168	0.280	209.261437	-20.111541	2063.45	748
5	GUIDE	used	805313512	9.16	19564	1.000	0.087	-0.119	0.208	0.361	209.099234	-19.852223	1235.69	50
6	GUIDE	used	805309488	6.84	19588	1.000	-0.051	-0.121	0.142	0.251	208.757233	-19.217270	-820.40	-1480
7	GUIDE	used	805310584	8.61	19581	1.000	0.154	0.175	0.161	0.272	208.848926	-20.120655	2331.15	-620

2.4 Star Slots

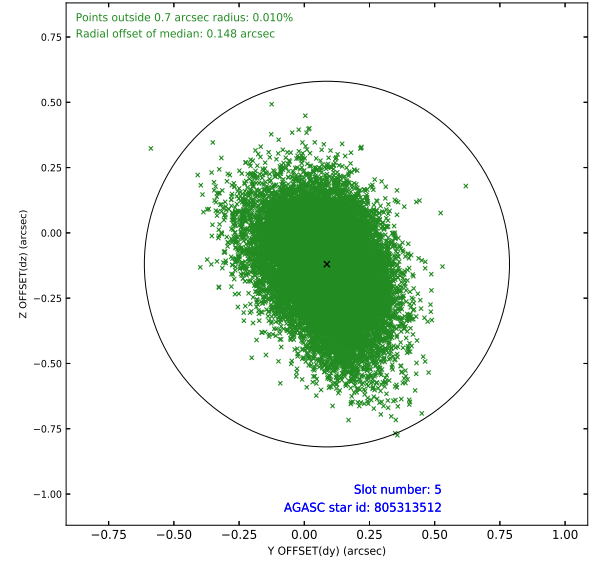
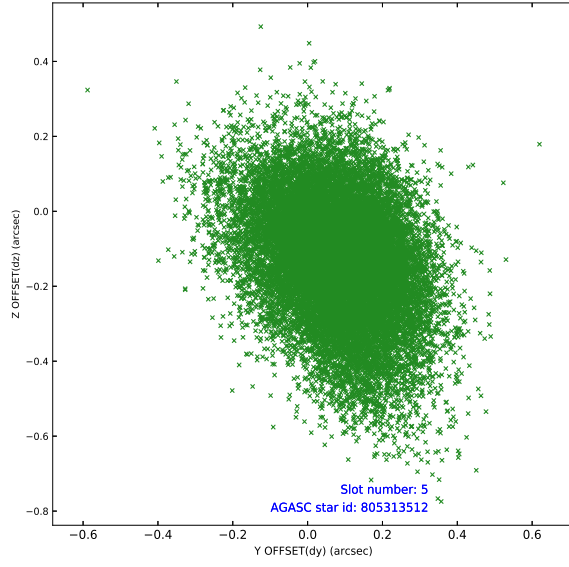
2.4.1 Slot 3



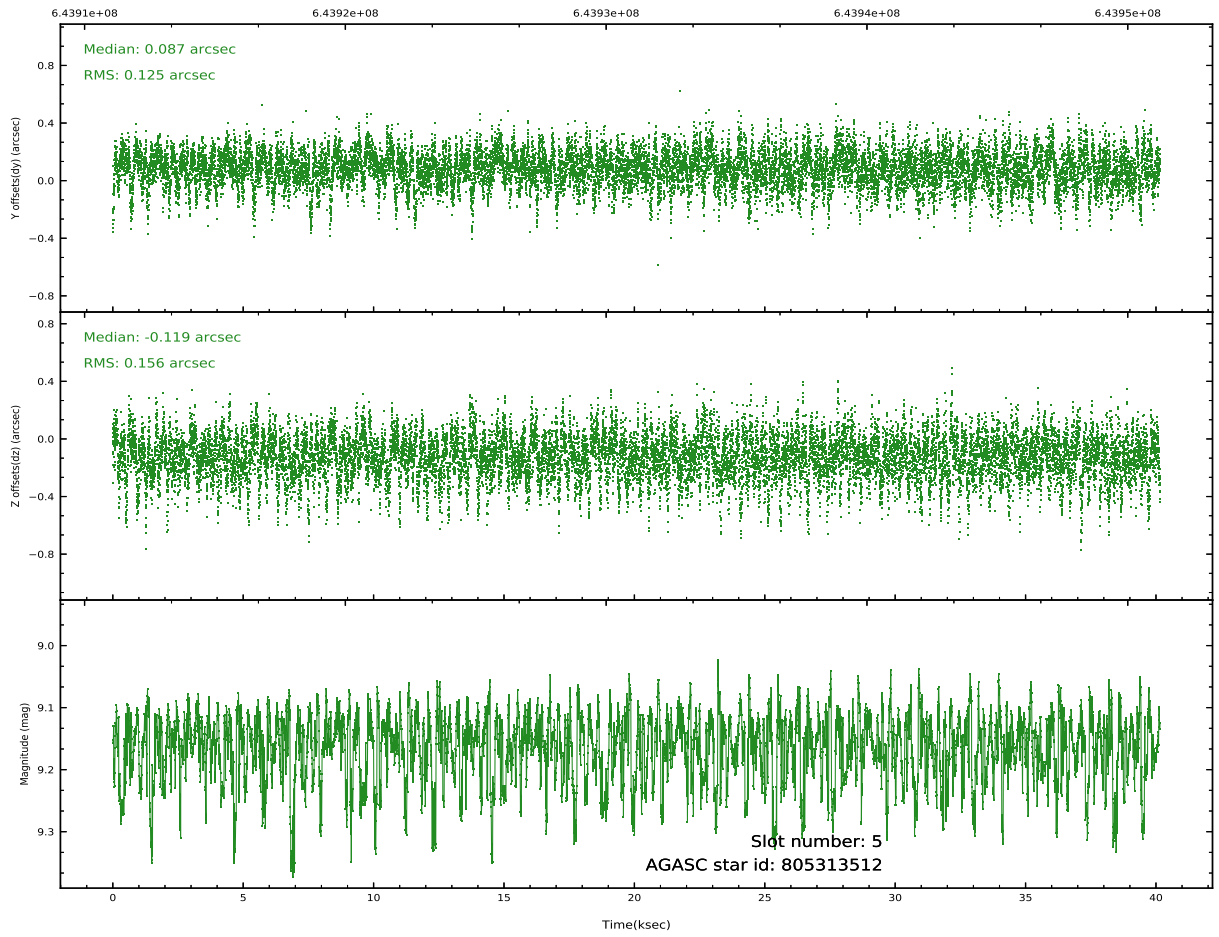
2.4.2 Slot 4



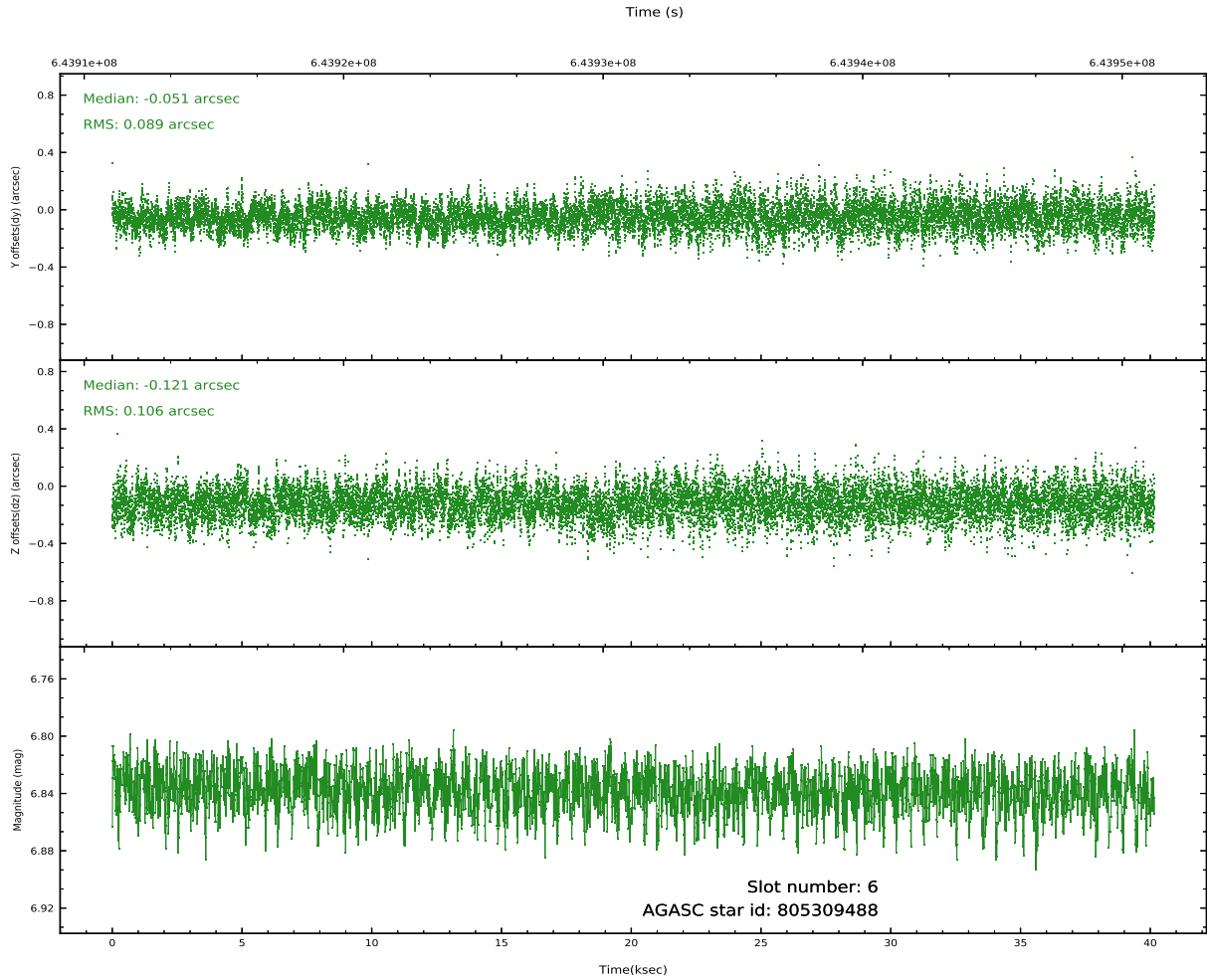
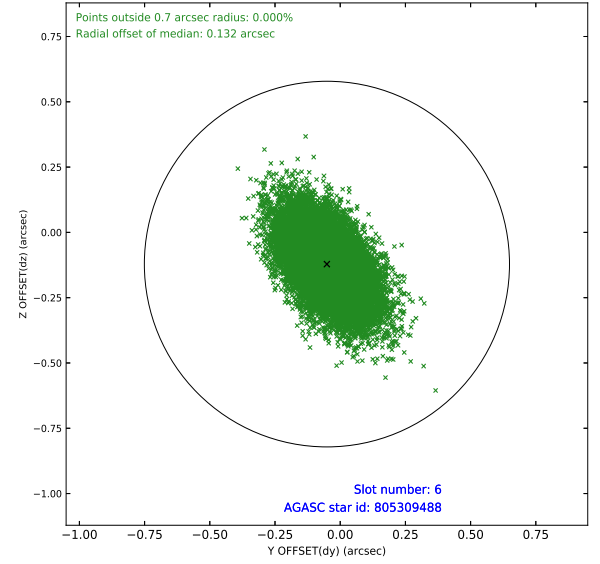
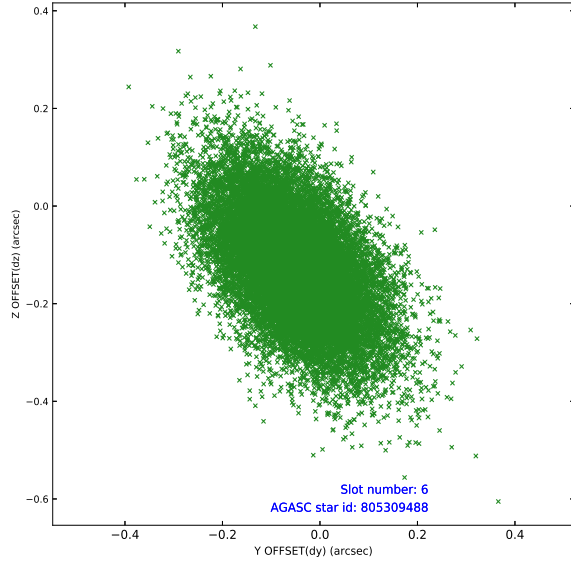
2.4.3 Slot 5



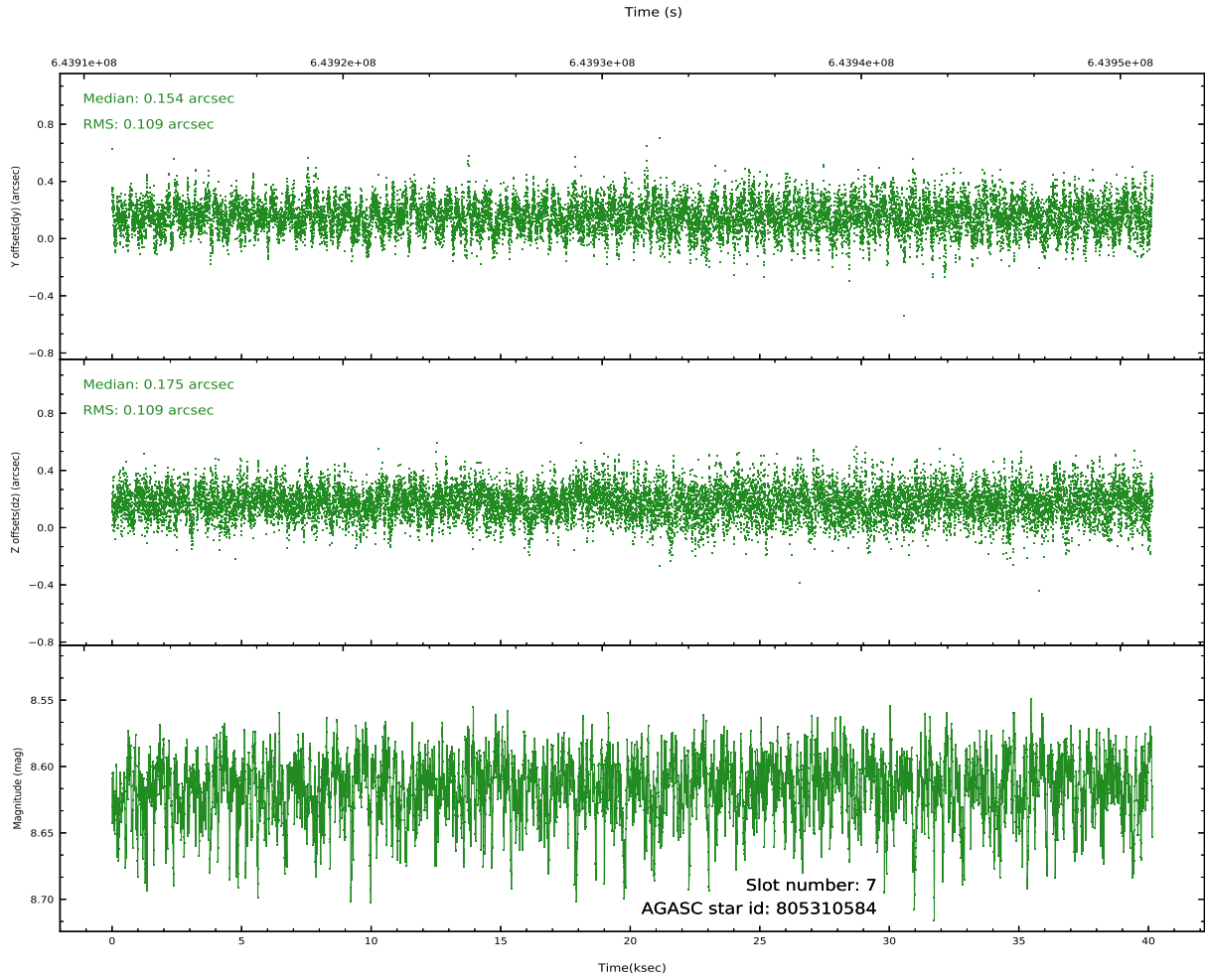
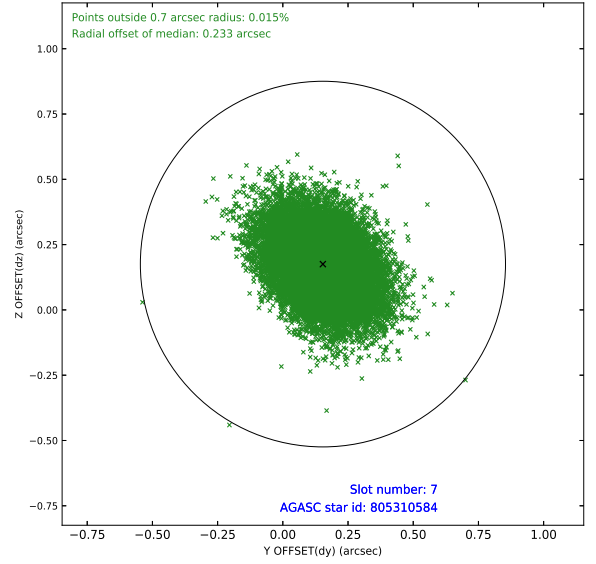
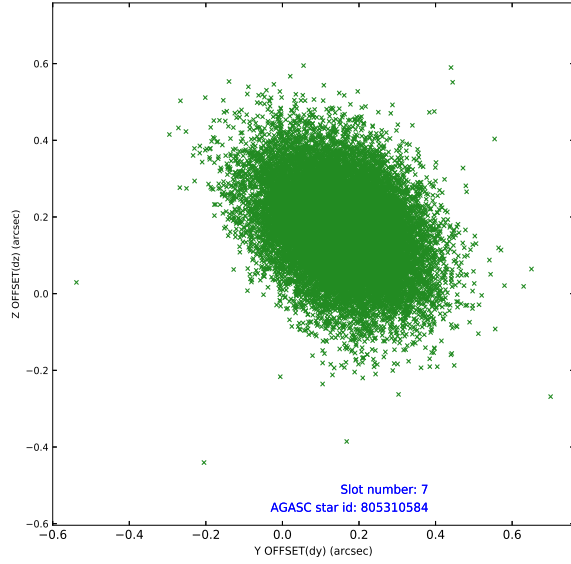
Time (s)



2.4.4 Slot 6

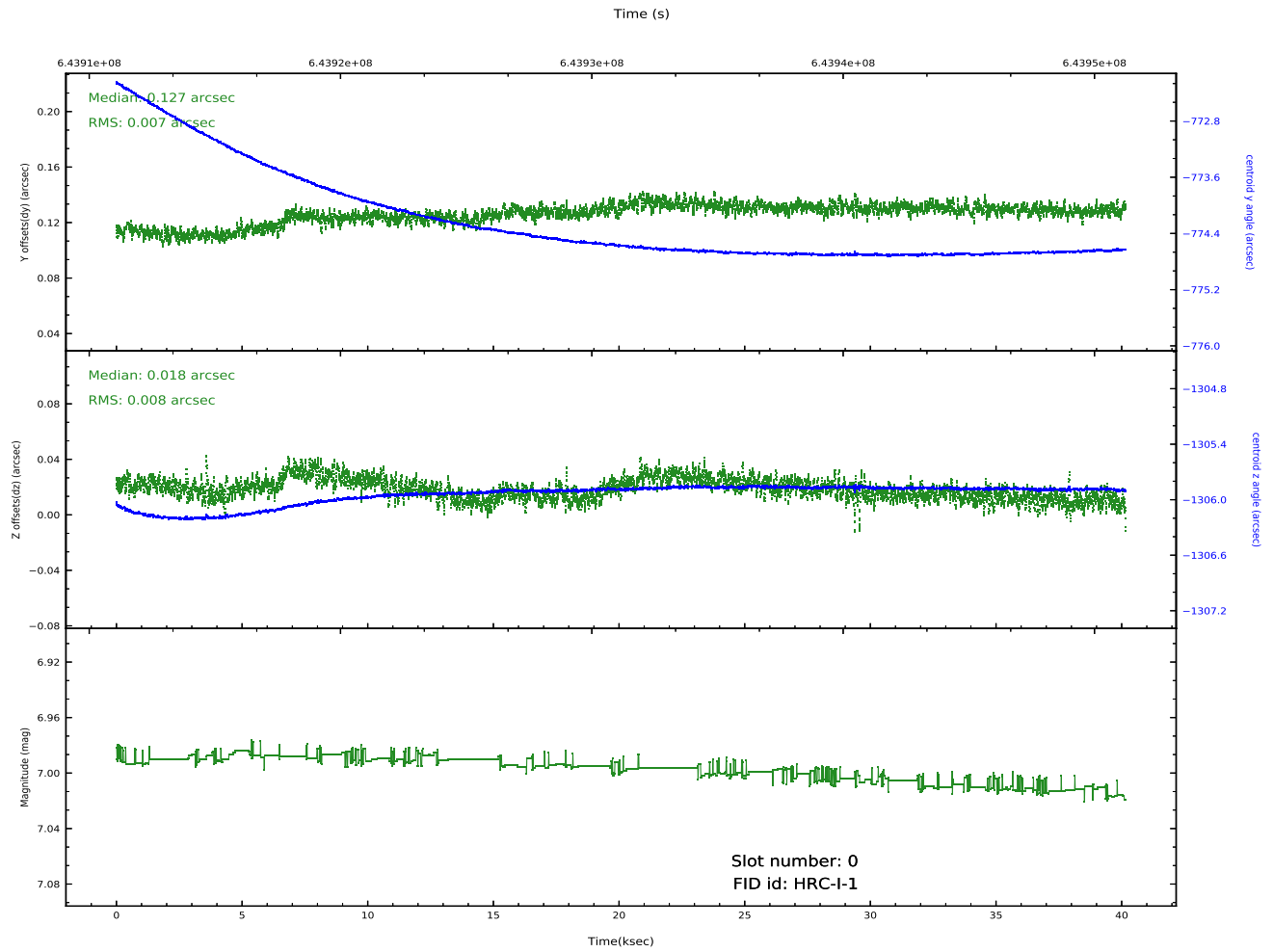
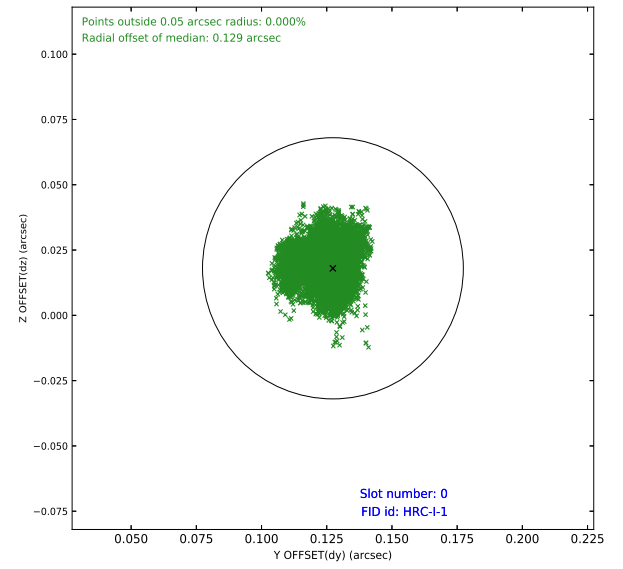
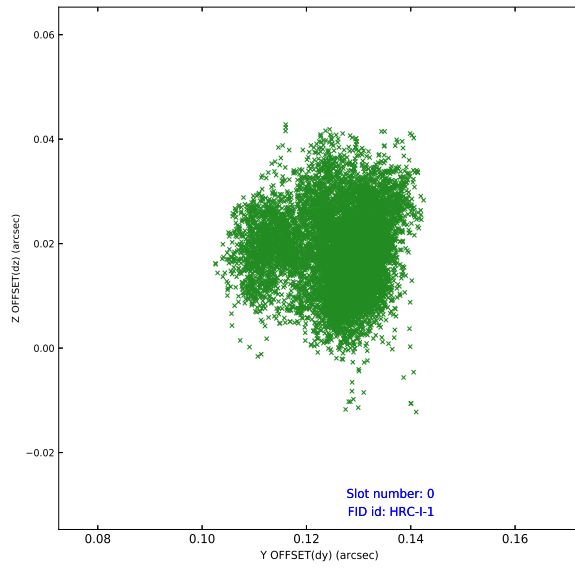


2.4.5 Slot 7

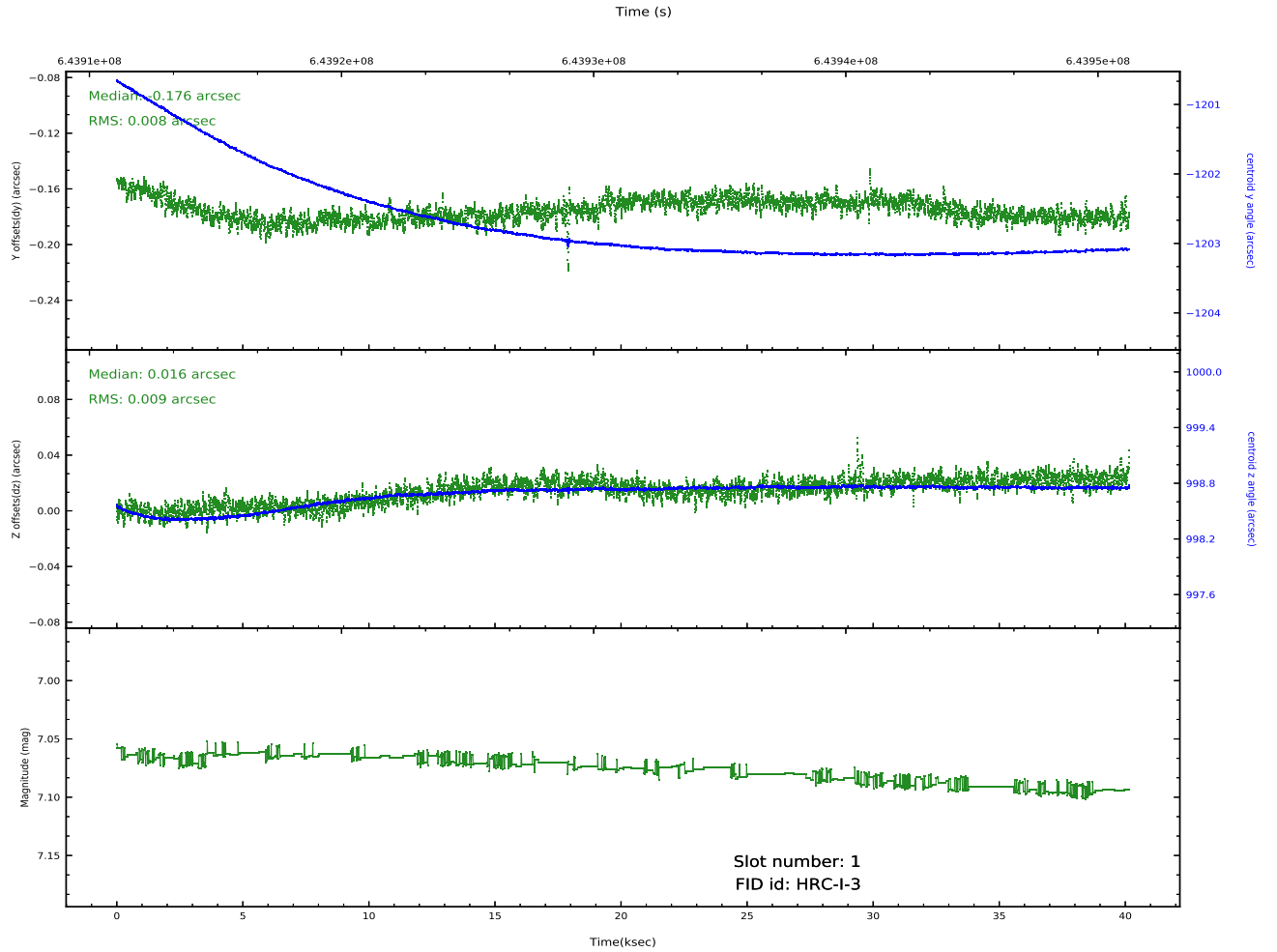
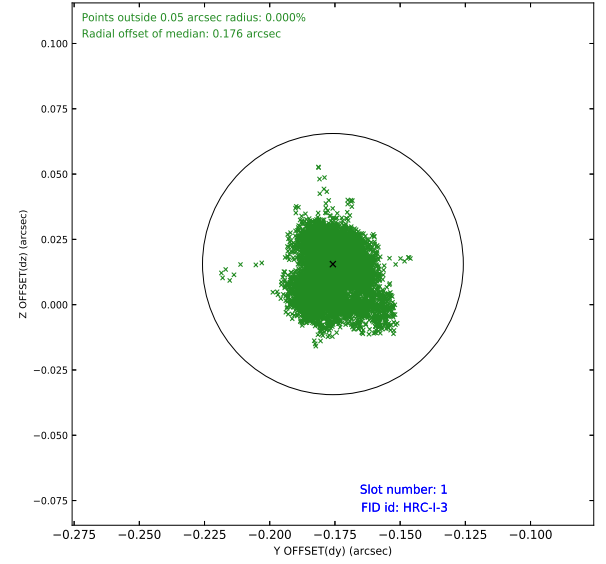
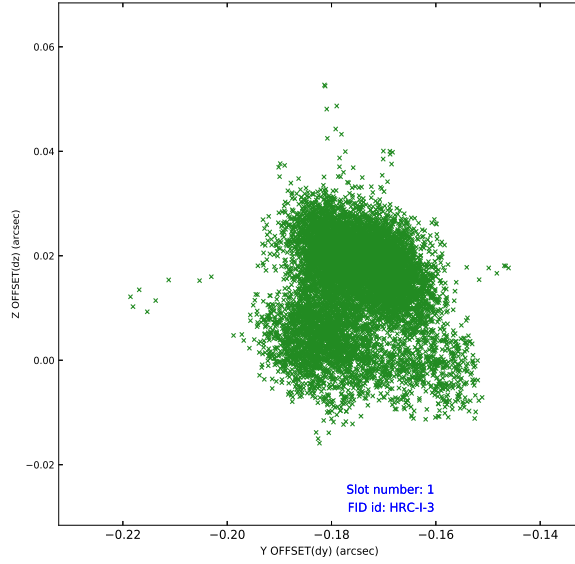


2.5 FID Slots

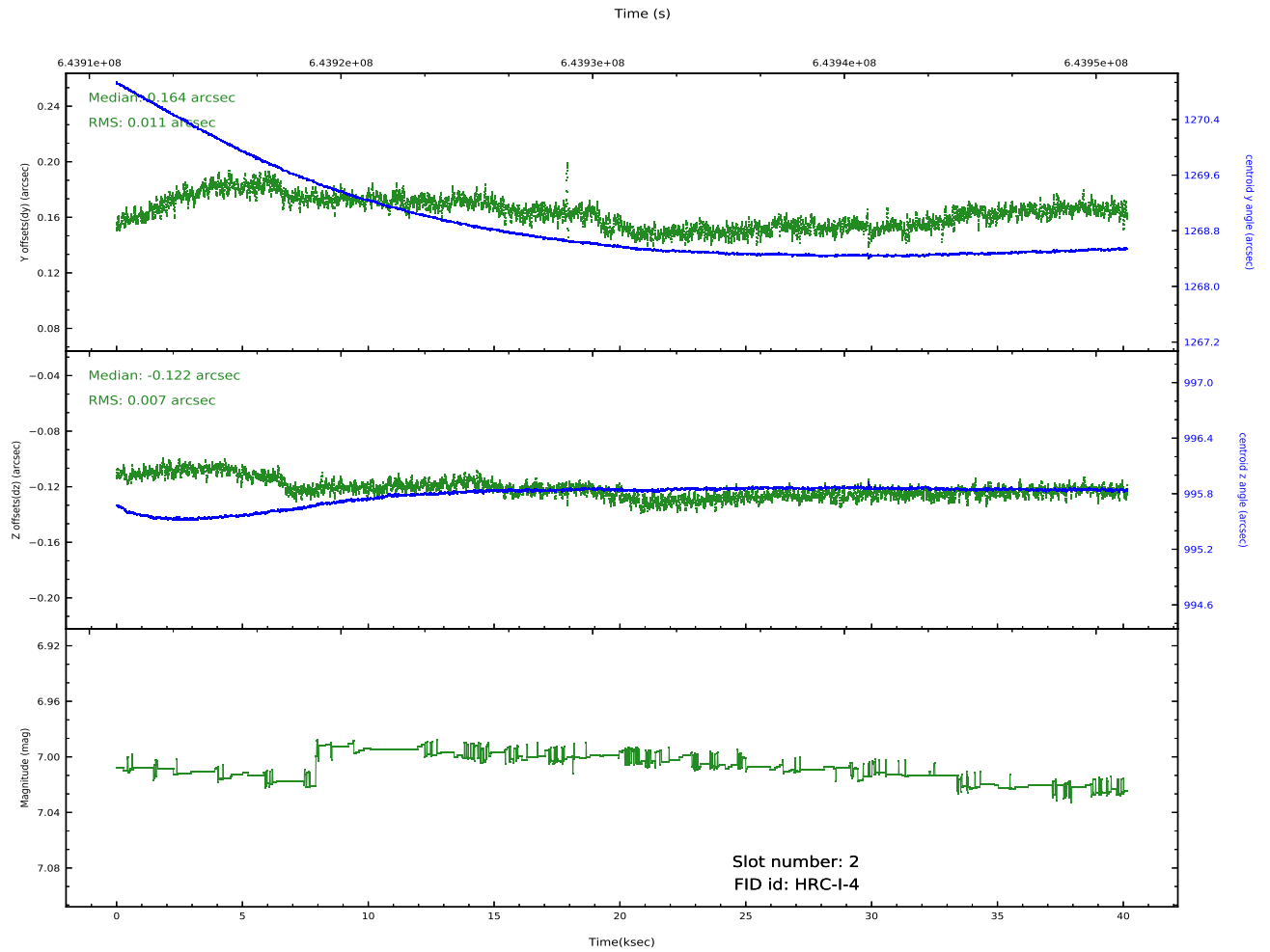
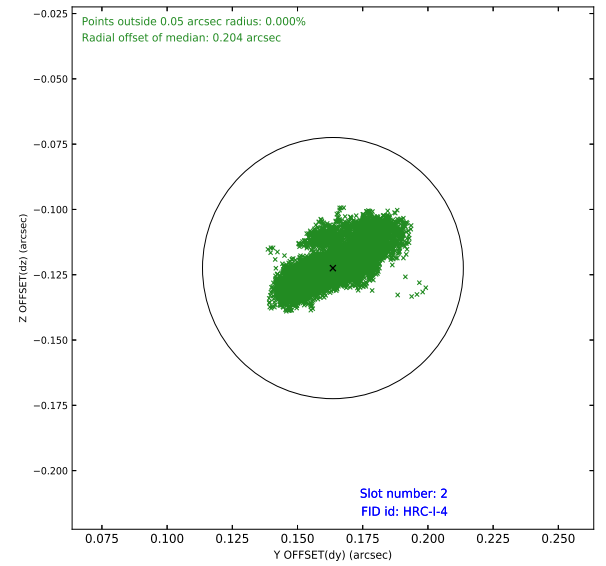
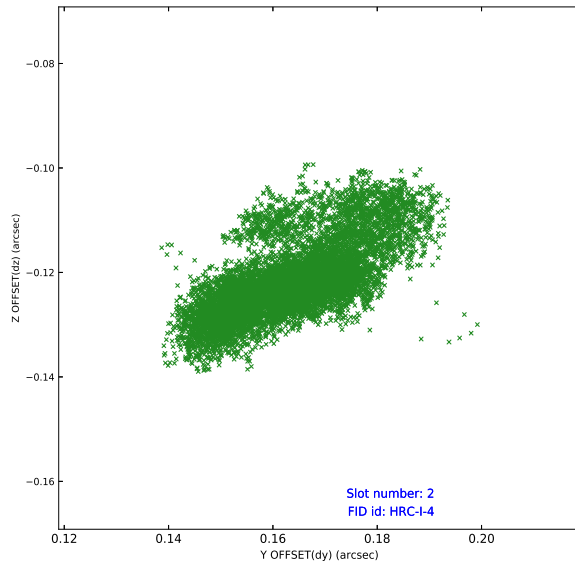
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2020.10.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	40.157452375174

A.2 Comments