

V&V Reference Report

L2 ASCDS Version : 10.9.1

Observation 6270 - L2 Version 5
Chandra X-Ray Center

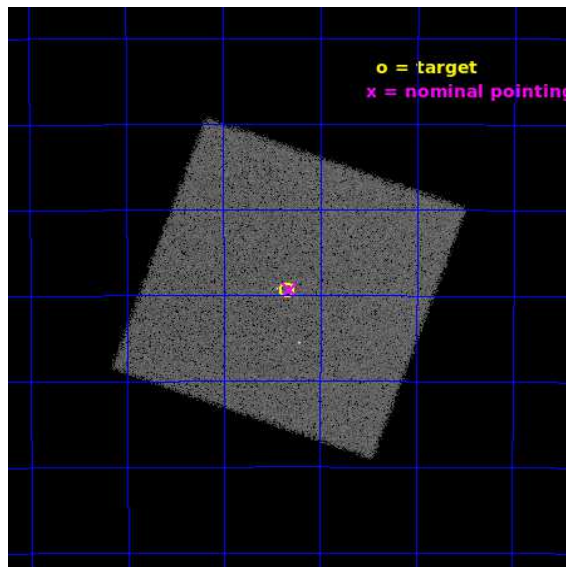
L2 Processing Date : Oct 10 2020

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1 Front

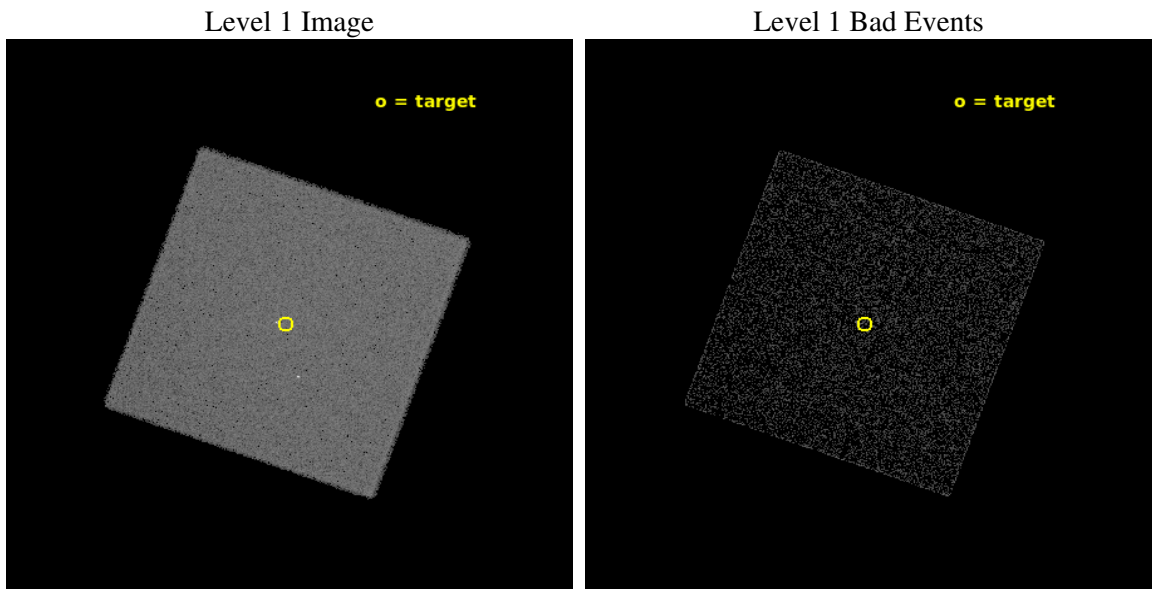
seq_num	500602	Sequence number
obs_id	6270	Observation id
title	High-energy emission from PSR J1649-4349?	Proposal title
observer	Prof Mariano Mendez	Principal investigator
object	PSR J1649-4349	Source name
ra_targ	252.335	Observer's specified target RA [deg]
dec_targ	-43.822833	Observer's specified target Dec [deg]
ra_nom	252.32821613623	Nominal RA [deg]
dec_nom	-43.822304176274	Nominal Dec [deg]
roll_nom	244.82375540271	Nominal Roll [deg]
revision	5	Processing version of data
ontime	4183.2814427614	[s]
livetime	4152.1756616457	Ontime multiplied by DTCOR
l2events	170001	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	4000.000000	[s] Scheduled observation exposure time
ascdsver	10.9.1	Processing system revision	ontime	4183.2814427614	[s]
caldbver	4.9.2	 	l1events	348275	Number of level 1 events
date	2020-10-11T03:32:50	Date and time of file creation			
revision	5	Processing version of data			

2.1.3 Events

Level 1 Events

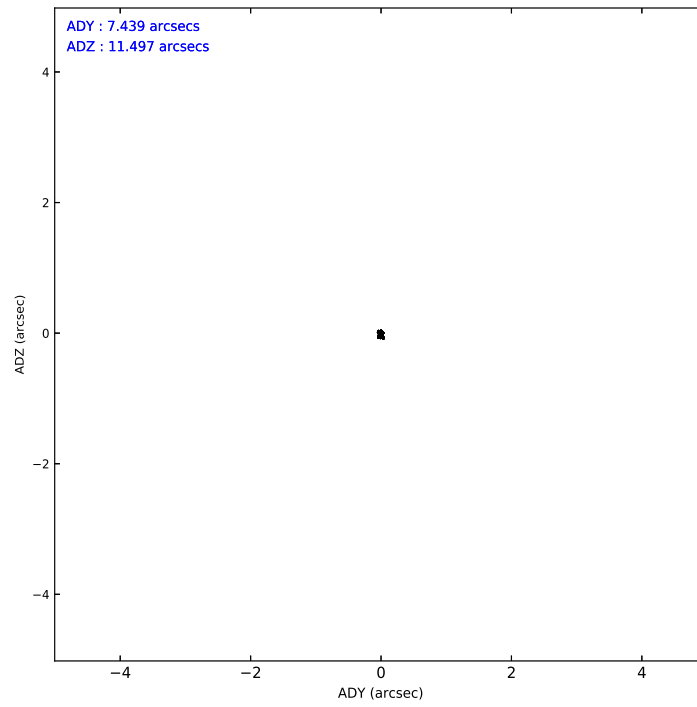
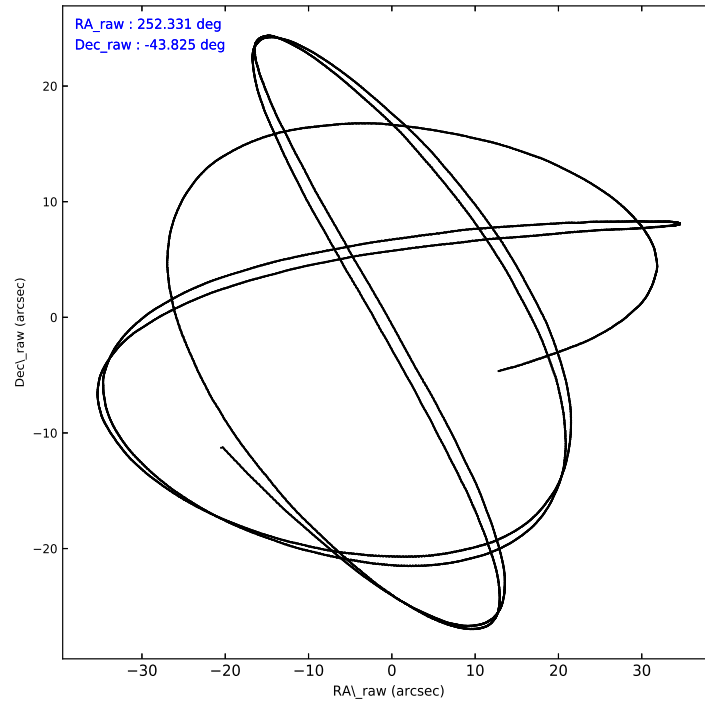
	segment 0
level 1 events	348275
rejected events	96321
rejected %	27%

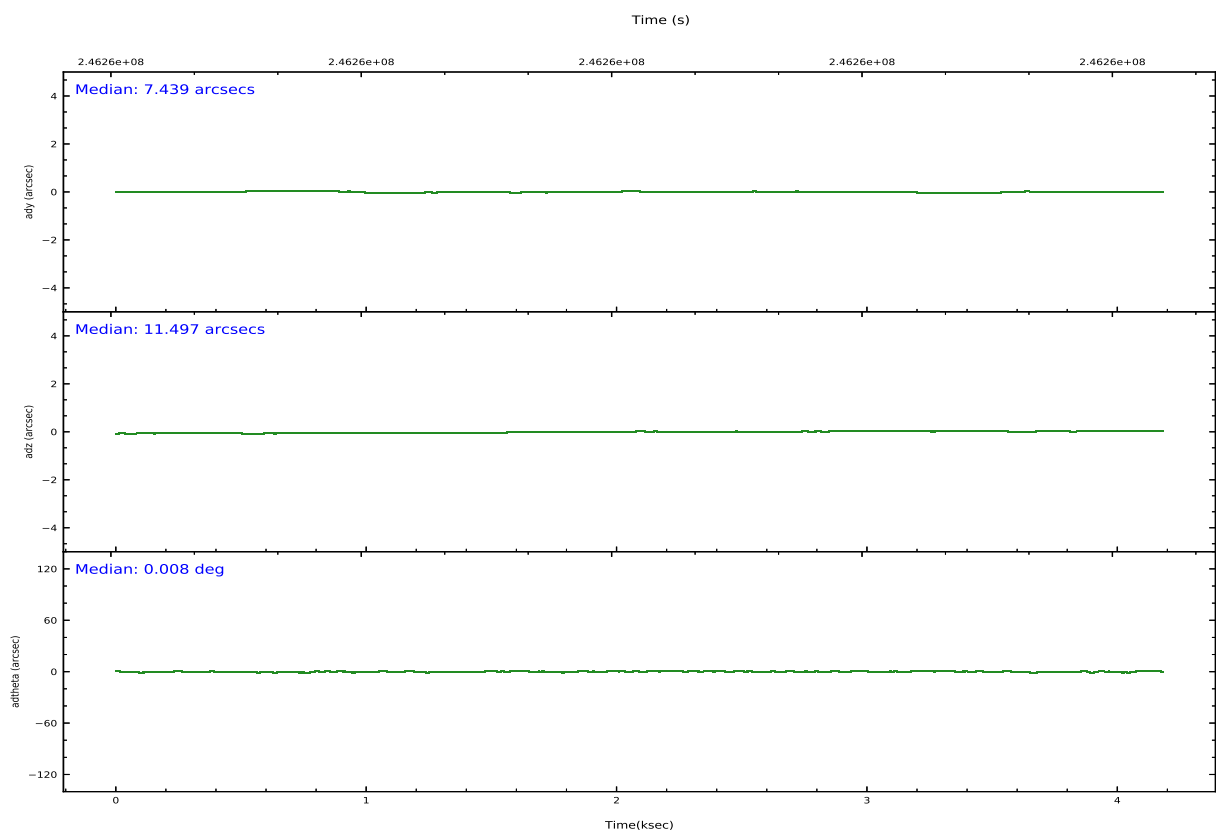
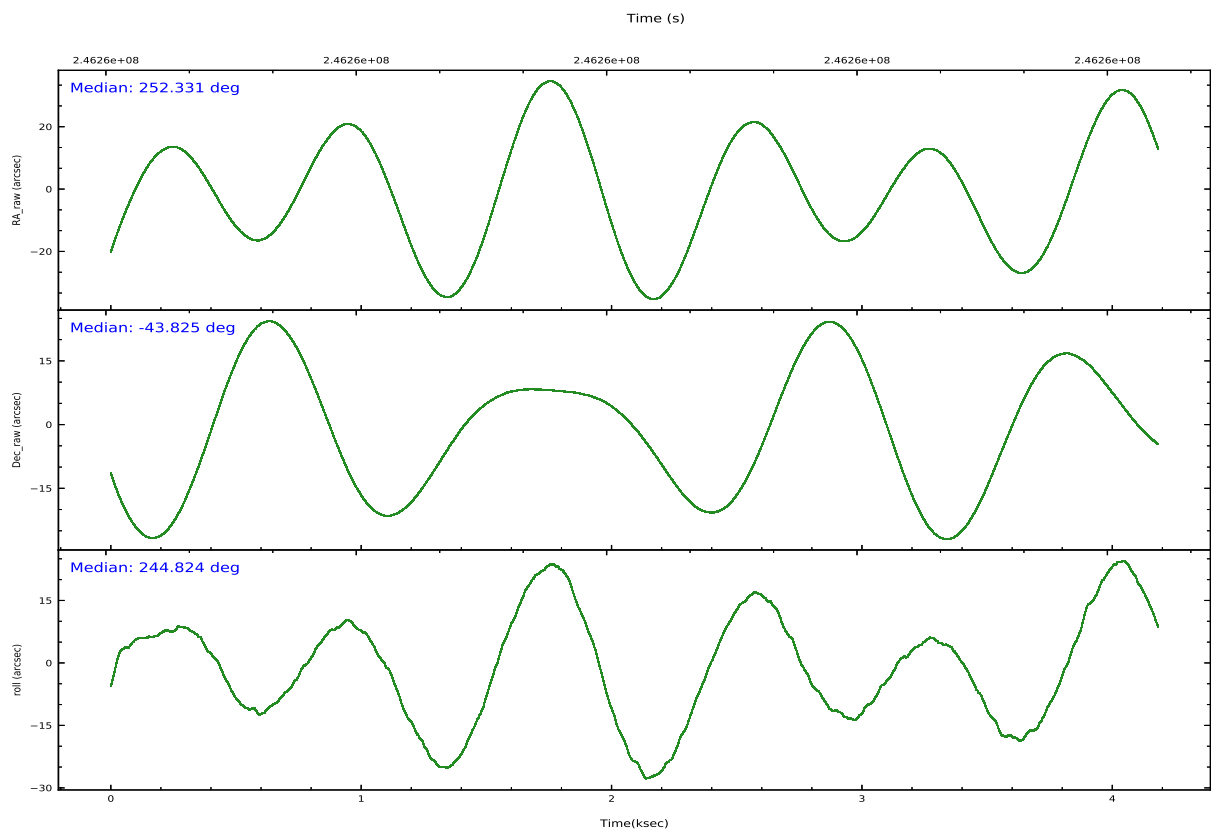
2.2 Compared Parameters

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	252.326674	252.32821613623
[deg] Pointing Dec	-43.798685	-43.822304176274
[deg] Pointing Roll	244.930829	244.82375540271
[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)	246257203.184000	246256403.7168
Observation start date	2005-10-21T04:45:39	2005-10-21T04:33:23
[s] Observation end time (MET)	246261203.184000	246262174.97957
Observation end date	2005-10-21T05:52:19	2005-10-21T06:09:34

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

2.3 Aspect



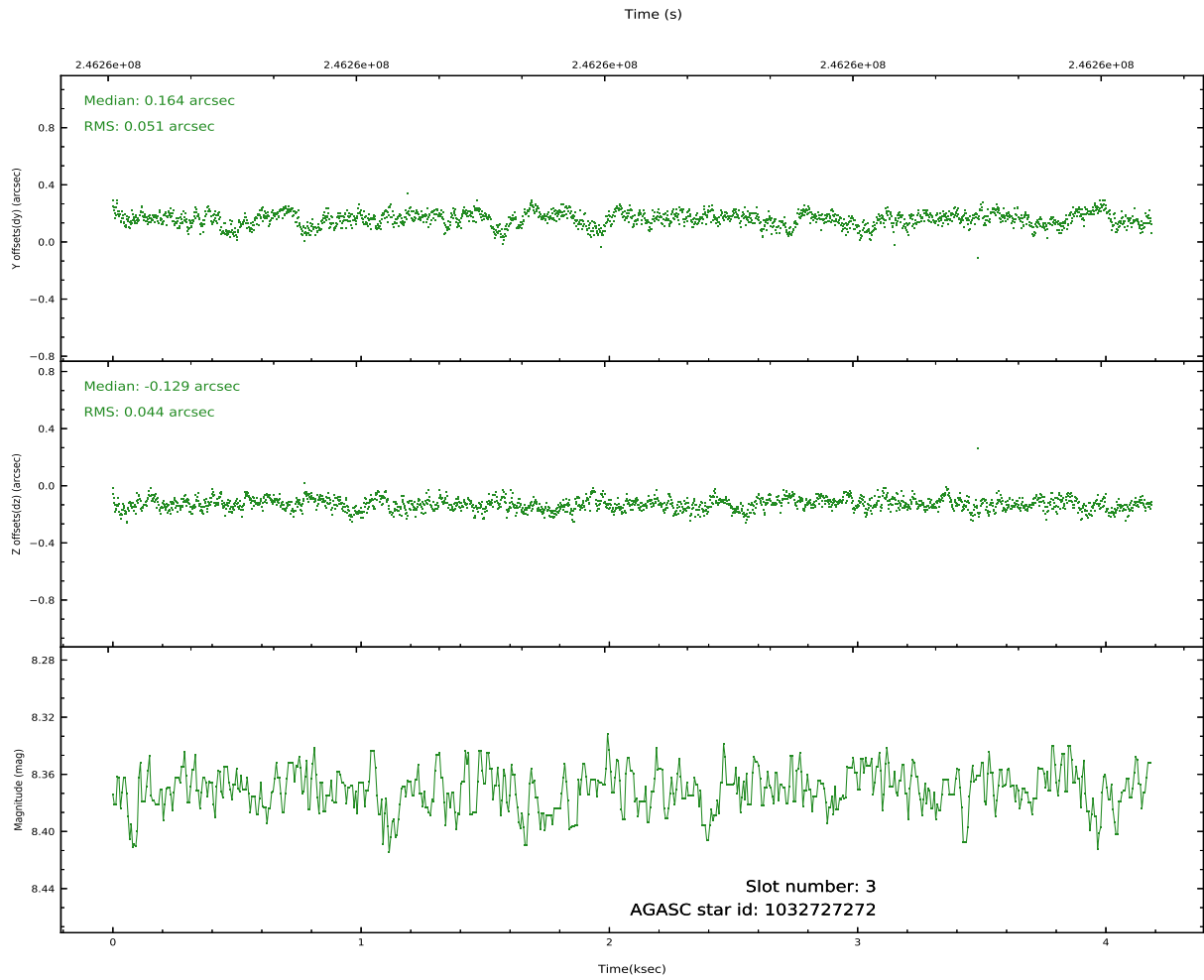
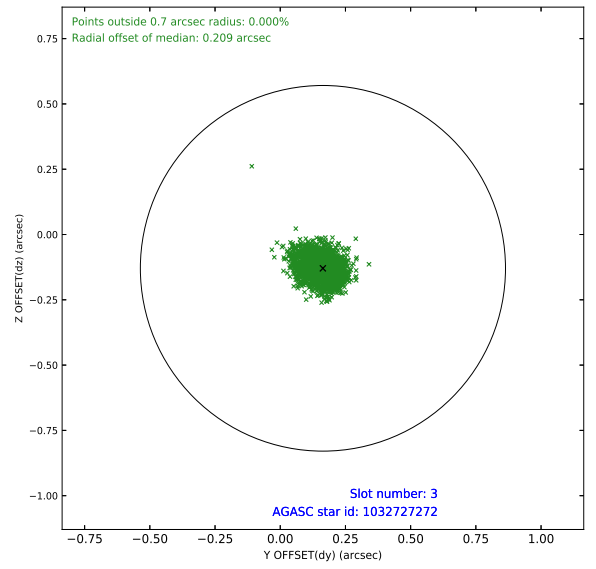
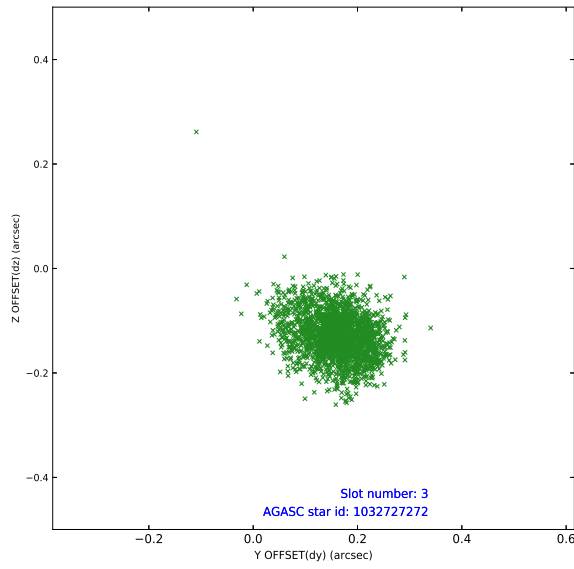


Slot Statistics

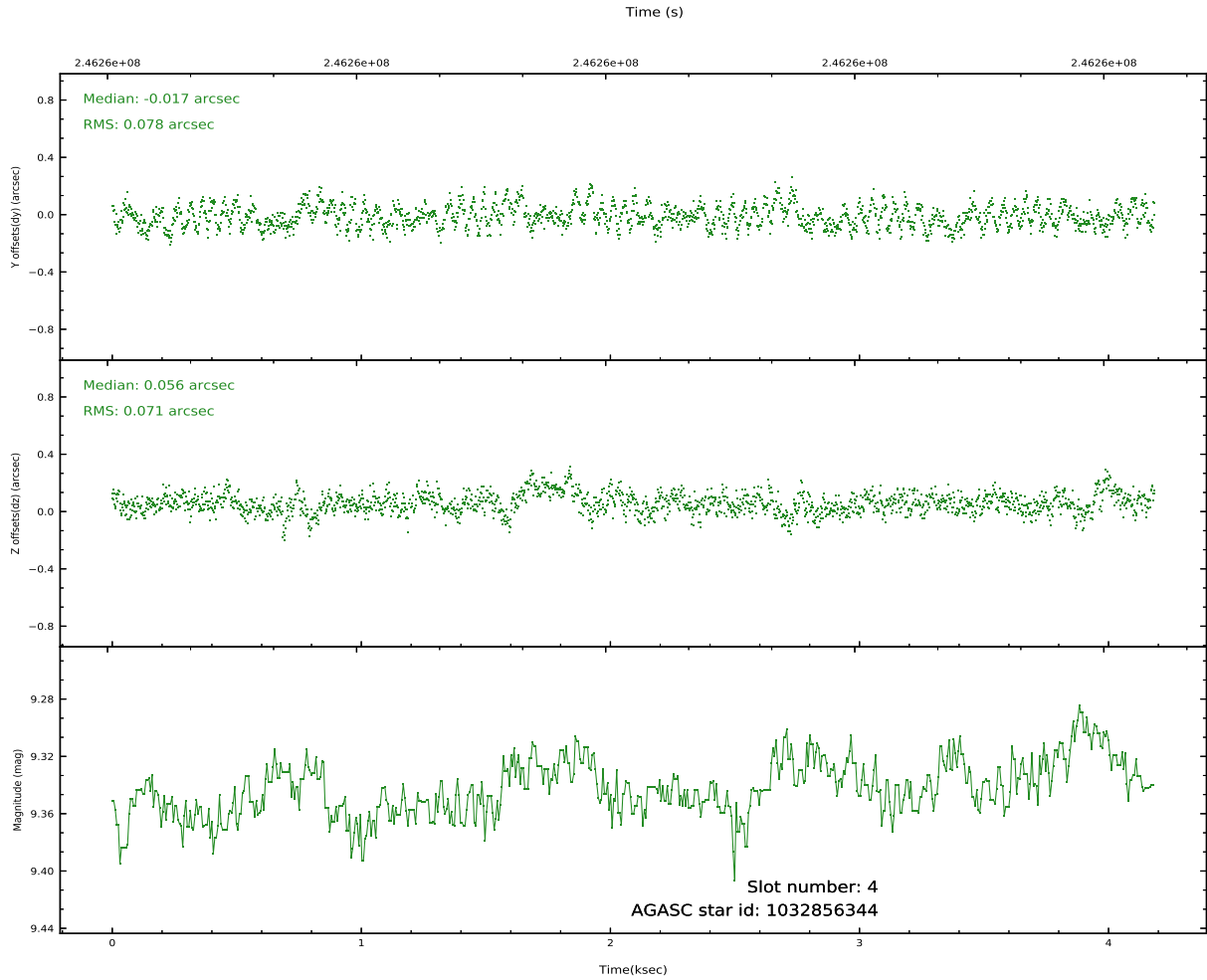
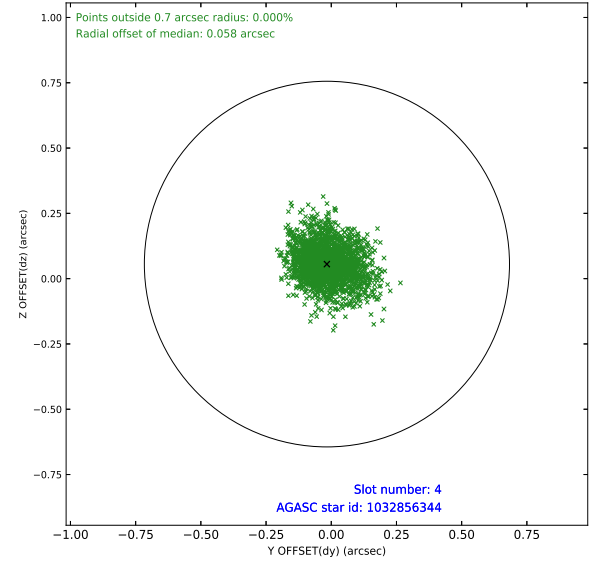
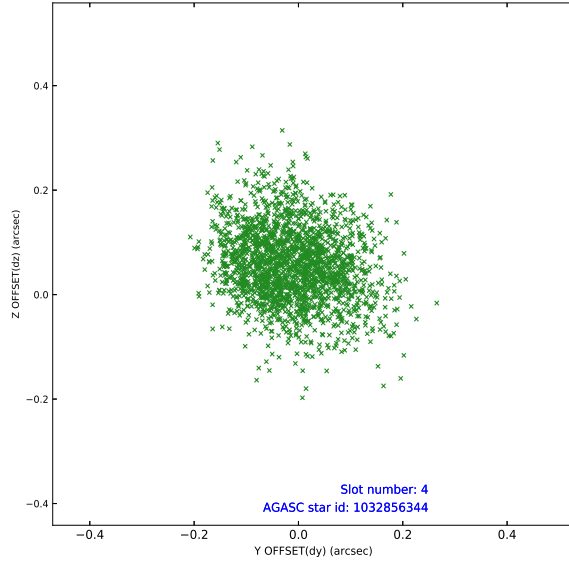
pt	status	used	id	mag	n_pts	frac_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mea
0	FID		HRC-I-1	7.00	1021	1.000	-0.023	-0.019	0.007	0.012	0.000000	0.000000	-763.05	-1299
1	FID		HRC-I-2	7.03	1021	1.000	0.148	-0.085	0.006	0.010	0.000000	0.000000	849.01	-1302
2	FID		HRC-I-3	7.08	1021	1.000	-0.006	0.014	0.006	0.012	0.000000	0.000000	-1190.69	1003
3	GUIDE	used	1032727272	8.37	2042	1.000	0.164	-0.129	0.069	0.115	251.947645	-43.938369	874.71	-676
4	GUIDE	used	1032856344	9.34	2041	1.000	-0.017	0.056	0.110	0.180	253.308302	-43.749430	-1227.88	2242
5	GUIDE	used	1032867928	8.36	2042	1.000	-0.107	0.065	0.067	0.115	253.057857	-43.542782	-1635.57	1341
6	GUIDE	used	1032868824	9.19	2042	1.000	0.036	-0.002	0.087	0.142	252.602108	-44.023242	431.13	988
7	GUIDE	used	1032873592	9.14	2040	1.000	-0.078	0.007	0.082	0.136	252.929000	-43.405456	-1943.79	829

2.4 Star Slots

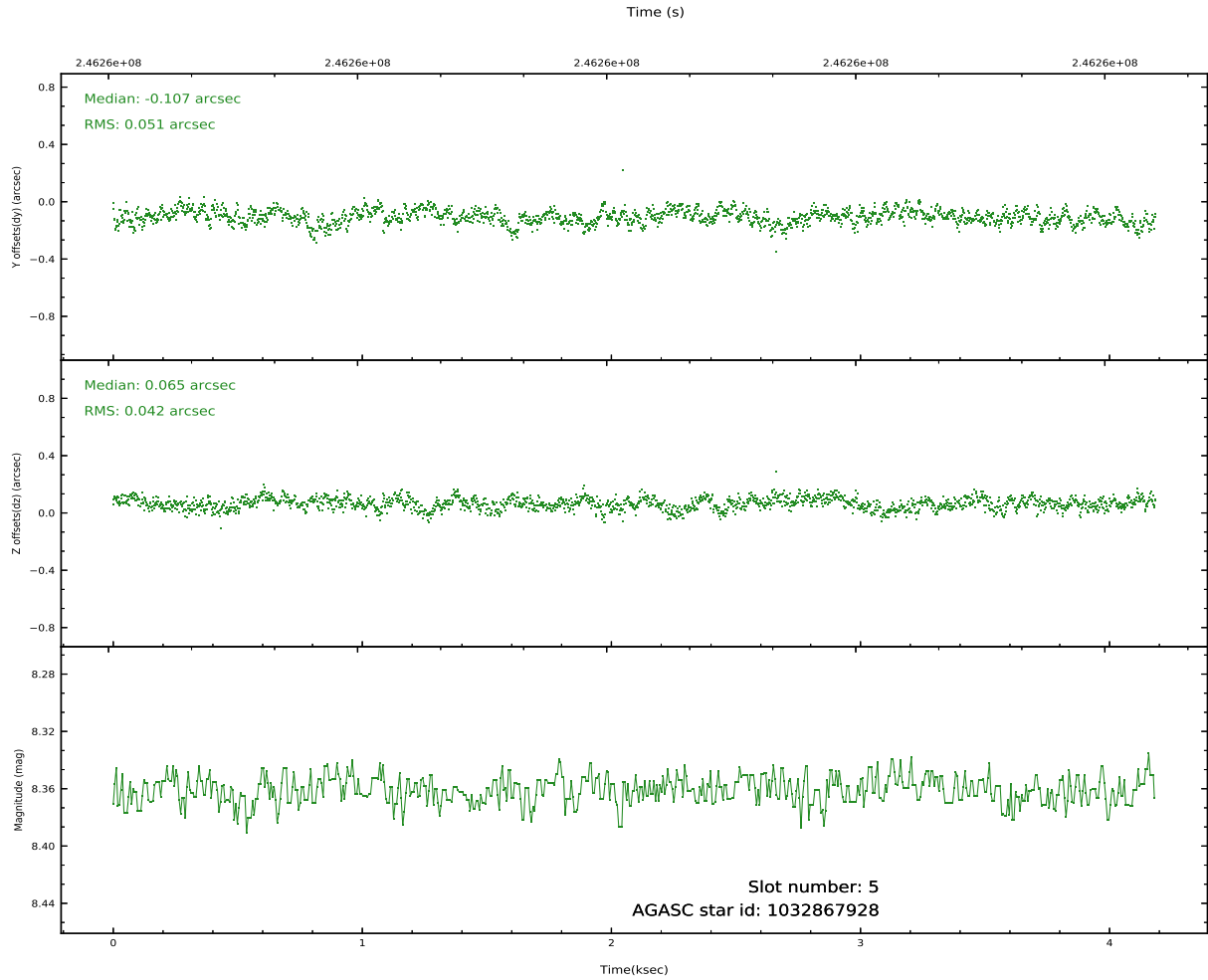
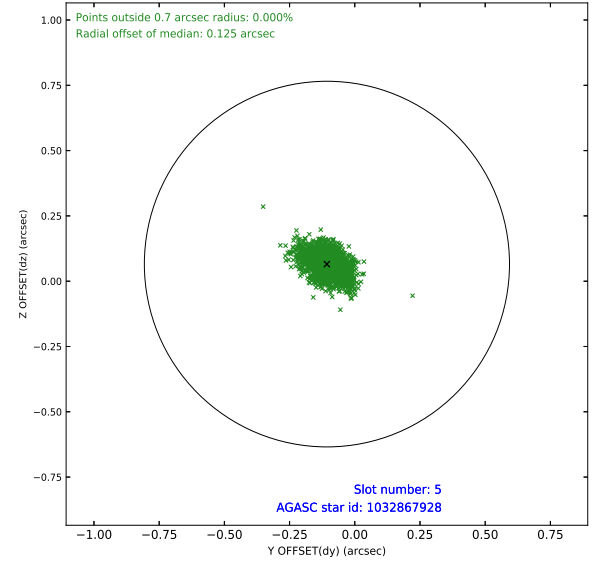
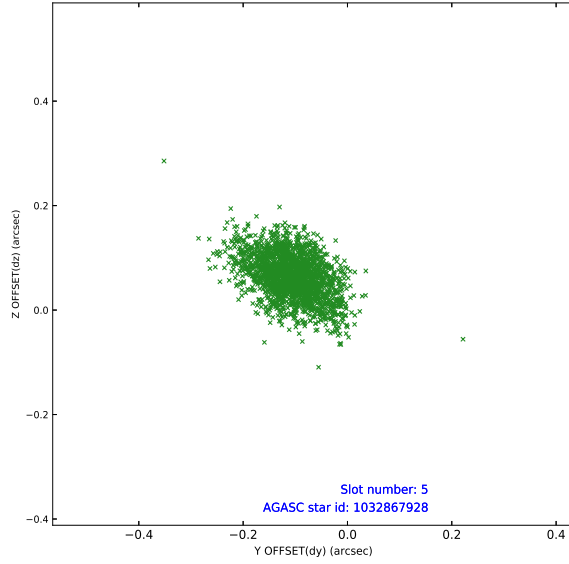
2.4.1 Slot 3



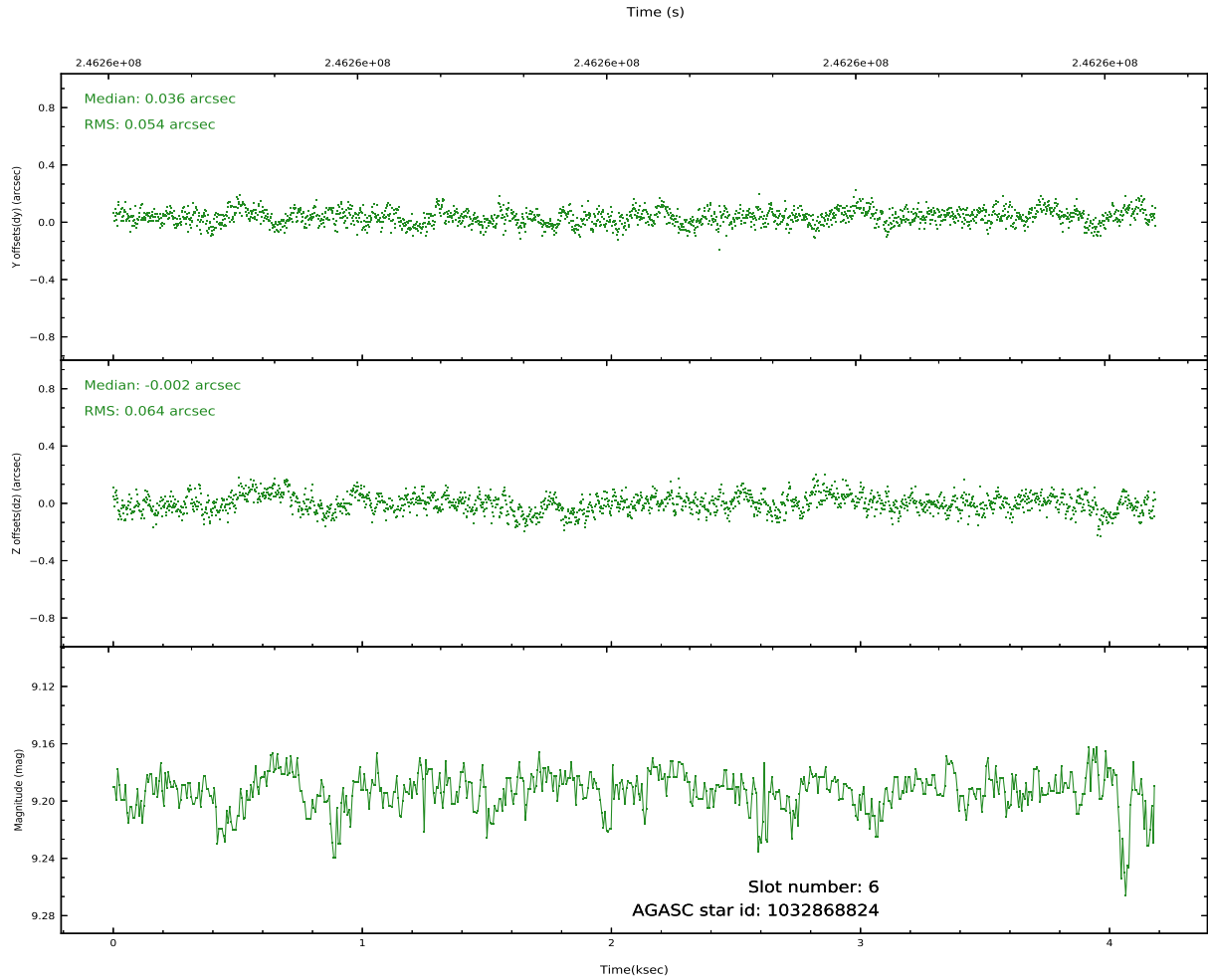
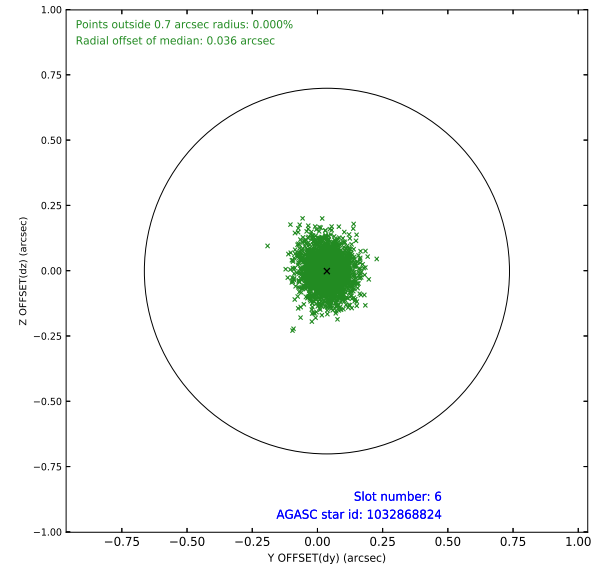
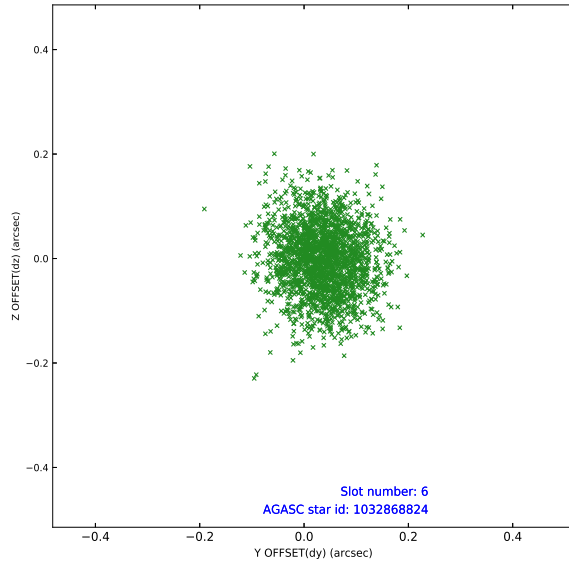
2.4.2 Slot 4



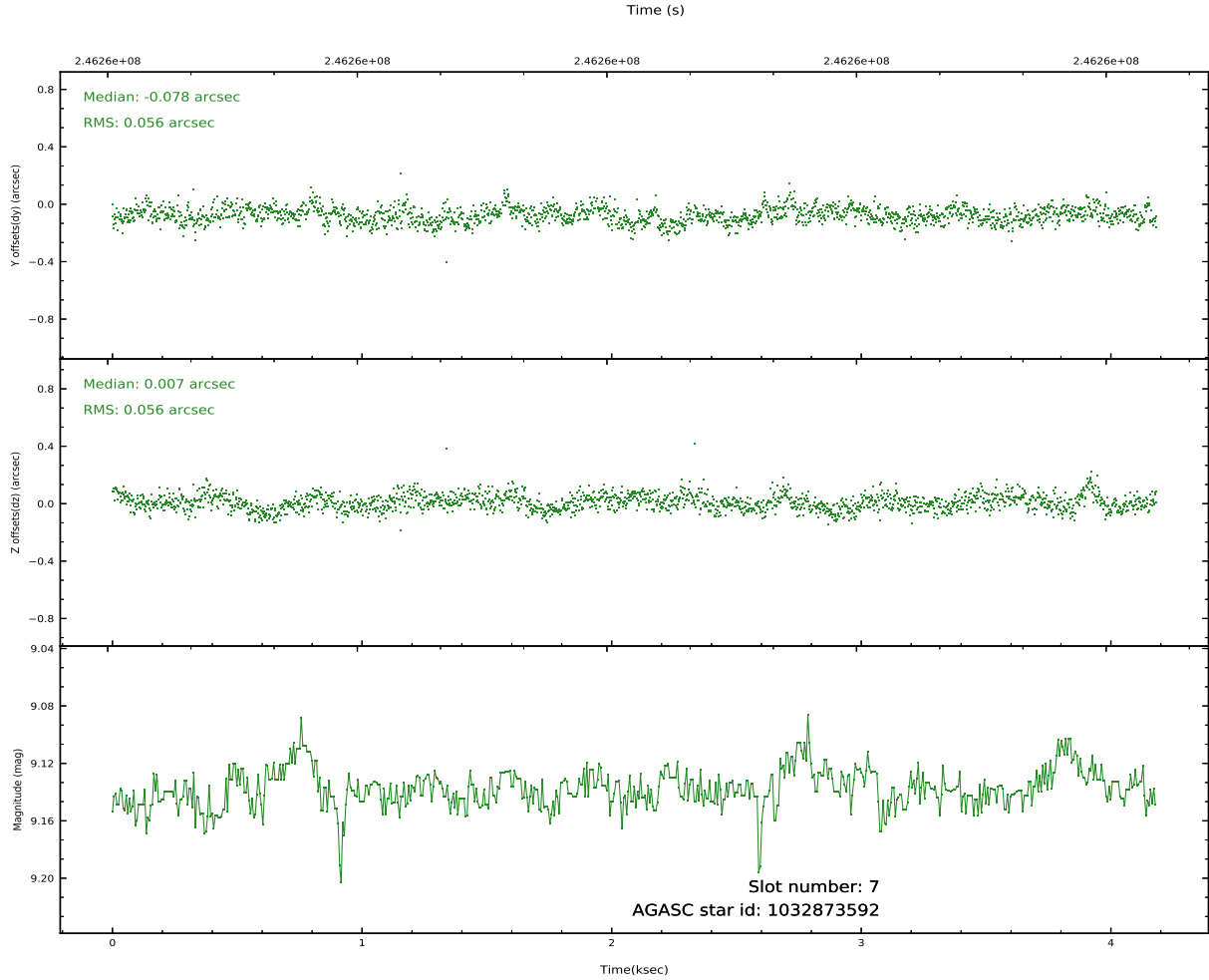
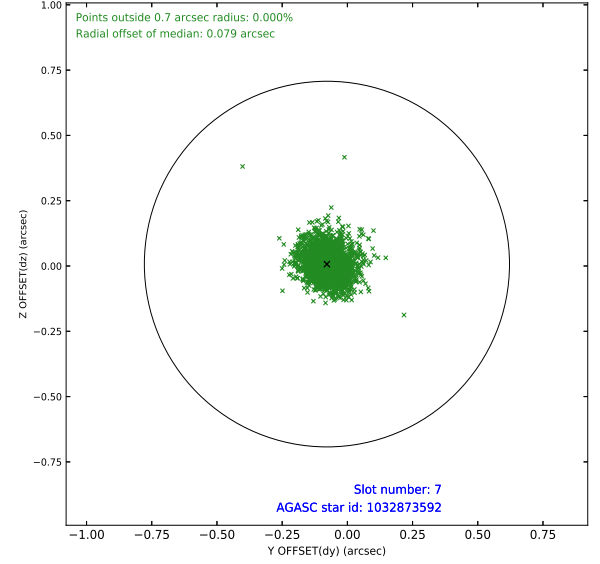
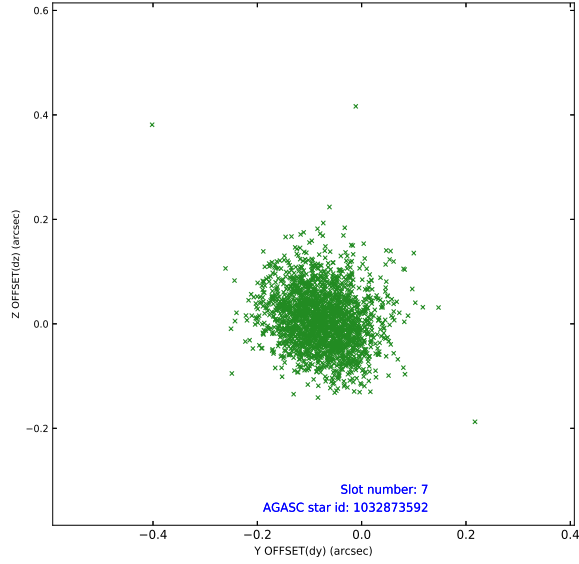
2.4.3 Slot 5



2.4.4 Slot 6

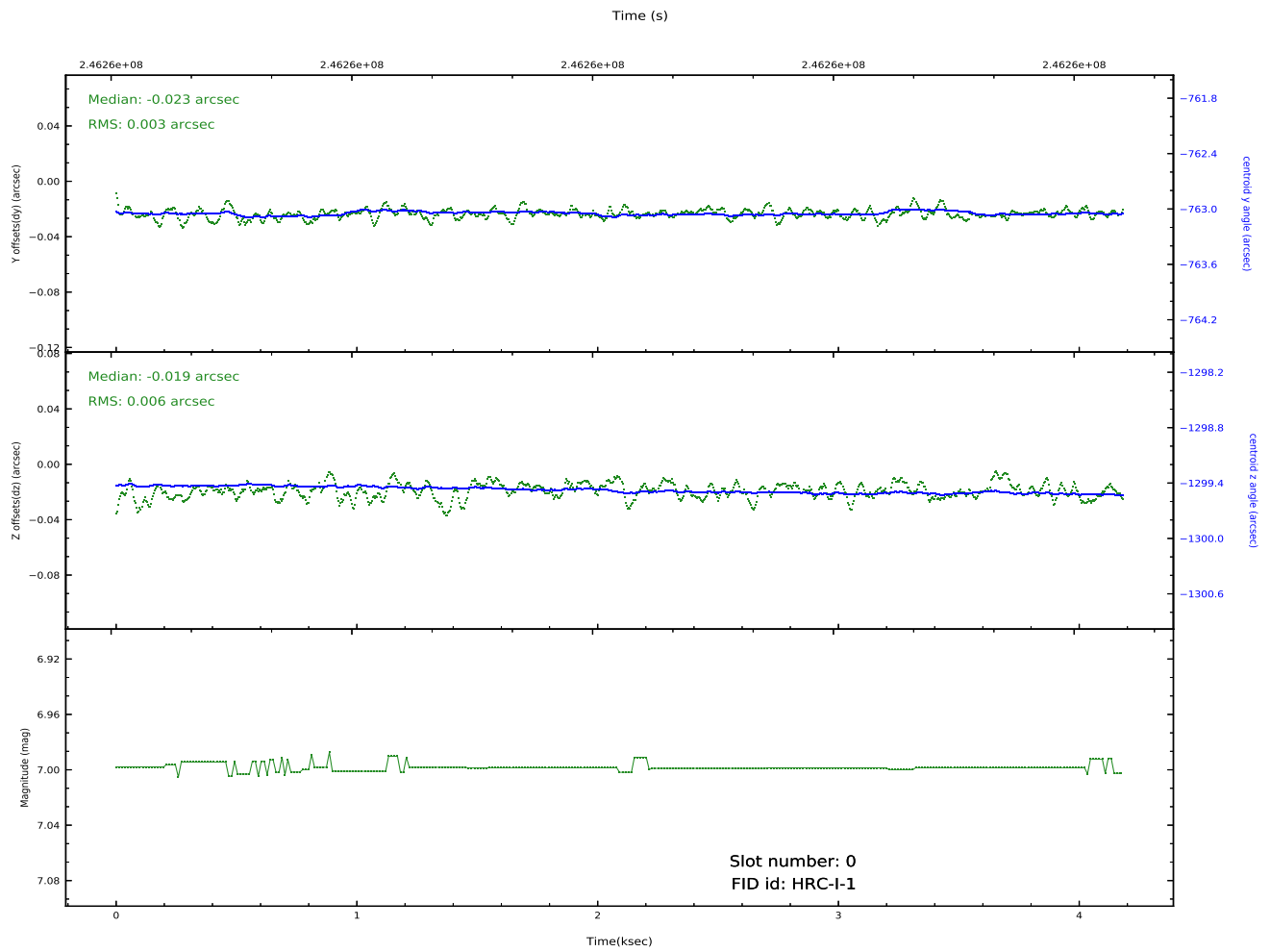
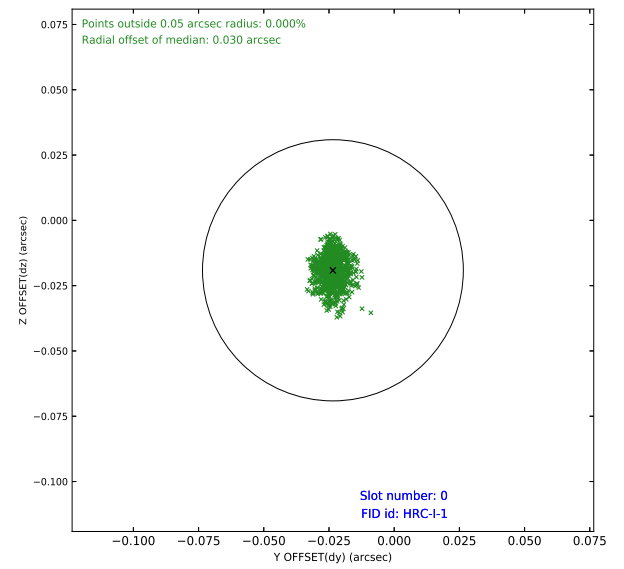
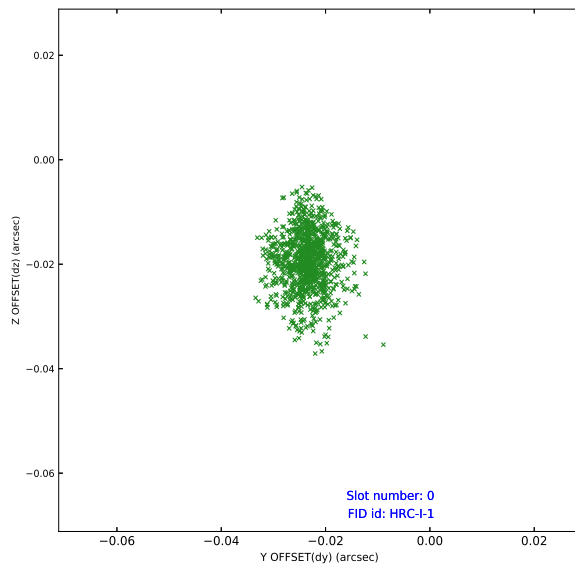


2.4.5 Slot 7

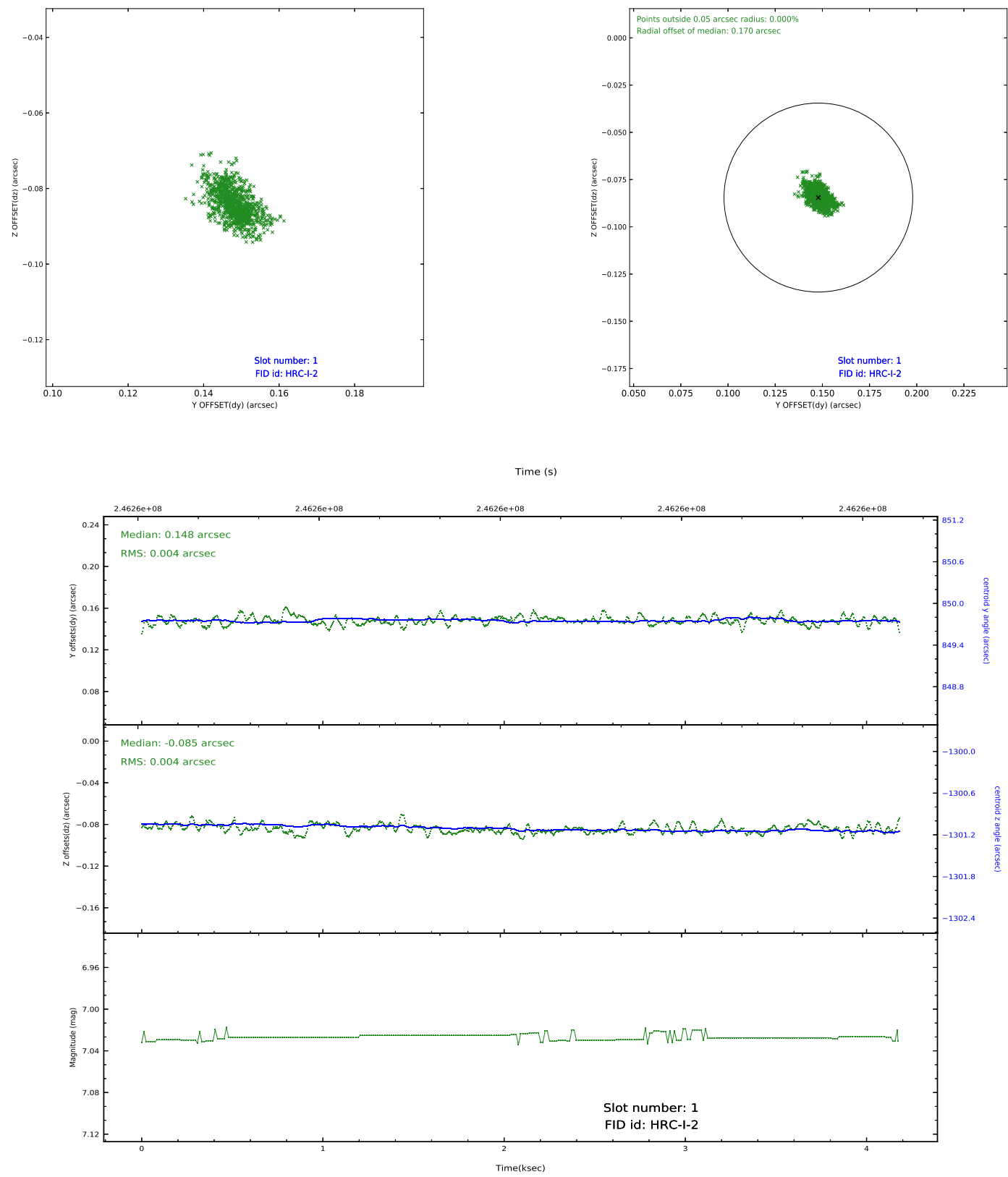


2.5 FID Slots

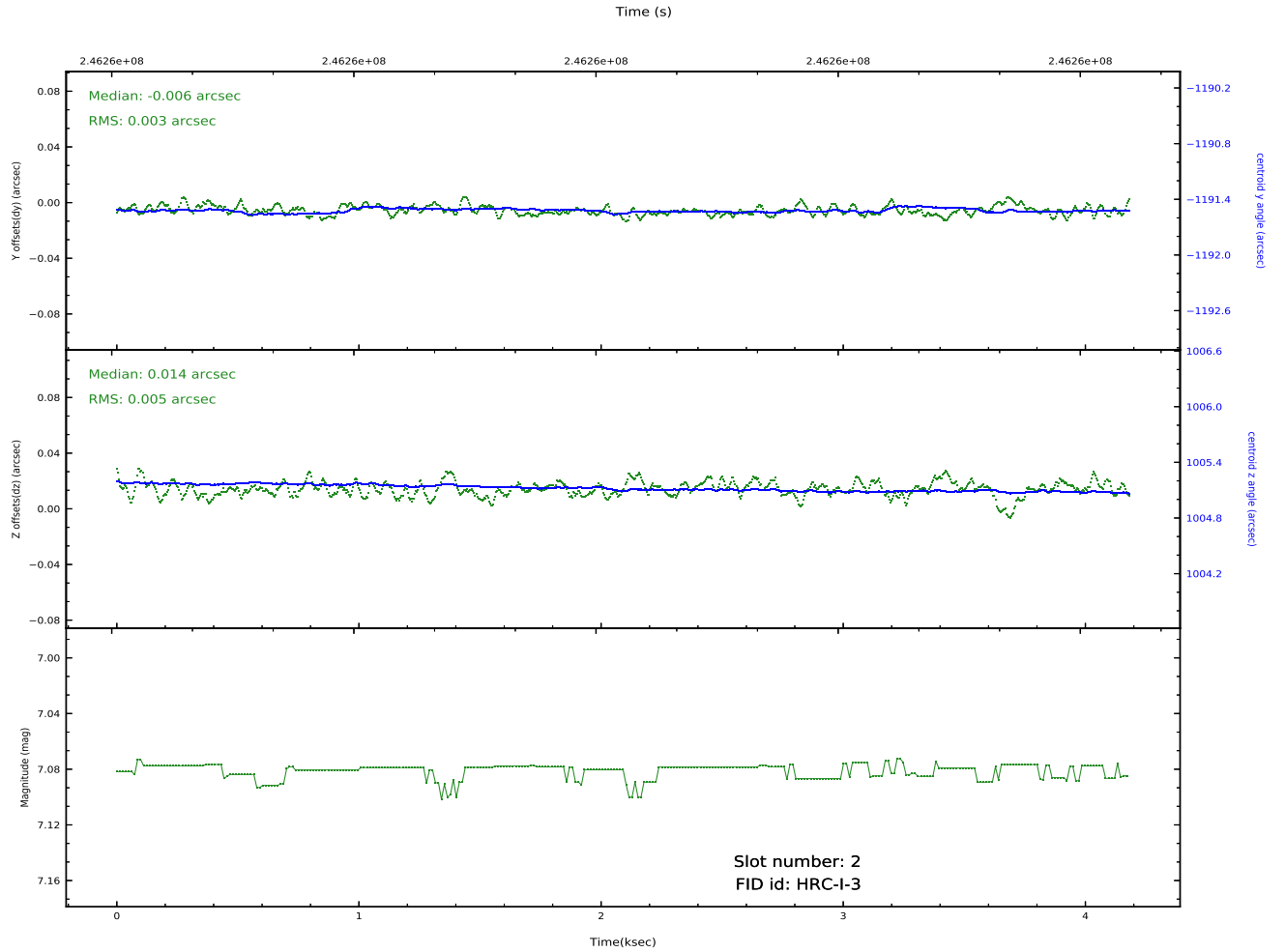
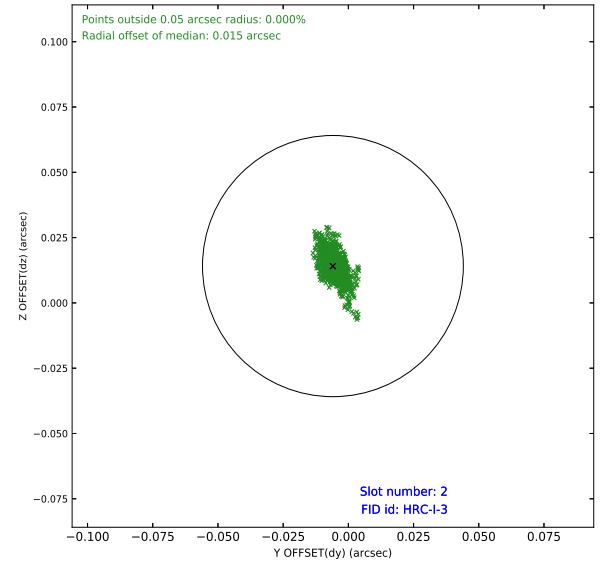
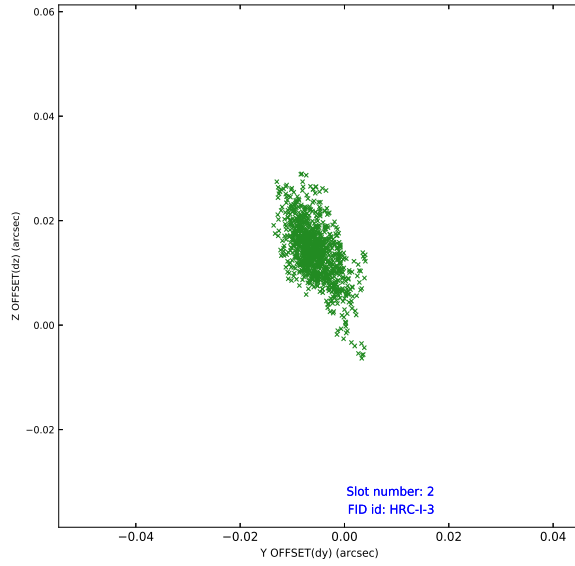
2.5.1 Slot 0



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)	2020.10.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.183281

A.2 Comments