

V&V Reference Report

L2 ASCDS Version : 10.9.1

Observation 5247 - L2 Version 5
Chandra X-Ray Center

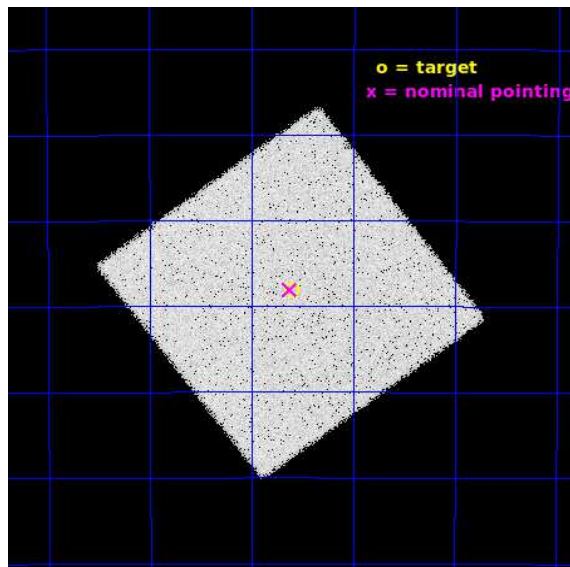
L2 Processing Date : Sep 23 2020

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1 Front

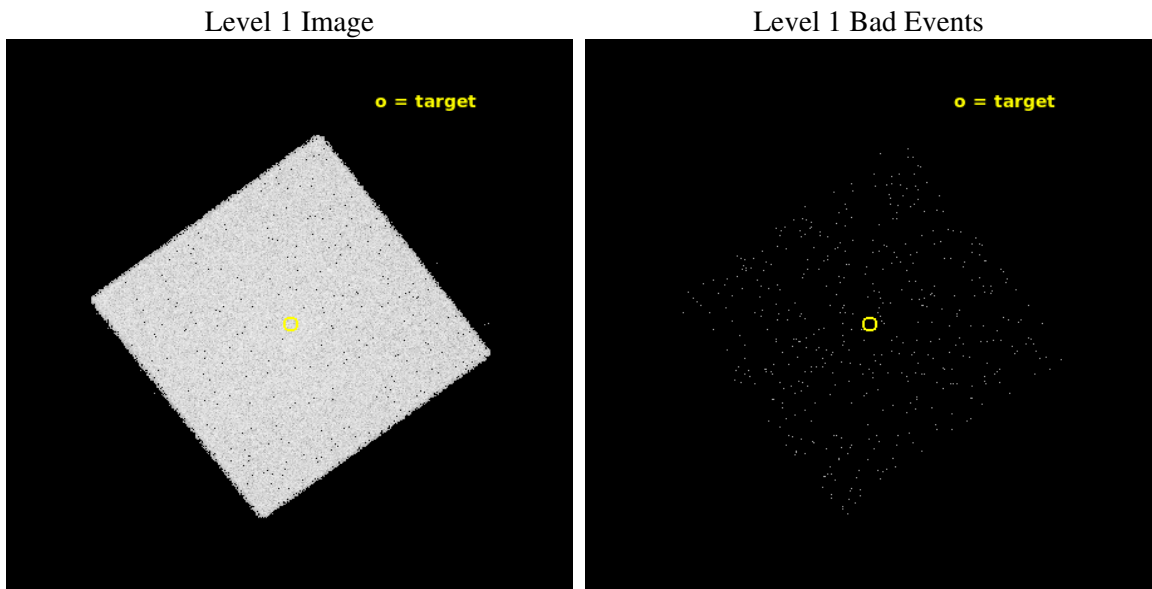
seq_num	500500	Sequence number
obs_id	5247	Observation id
title	Understanding the nature of the unidentified EGRET source 3EG J1631-4033	Proposal title
observer	Dr. Luigi Foschini	Principal investigator
object	IGR J16316-4028	Source name
ra_targ	247.9	Observer's specified target RA [deg]
dec_targ	-40.47	Observer's specified target Dec [deg]
ra_nom	247.90581403305	Nominal RA [deg]
dec_nom	-40.467834567169	Nominal Dec [deg]
roll_nom	98.160941279341	Nominal Roll [deg]
revision	5	Processing version of data
ontime	4871.0564624071	[s]
livetime	4840.1517599584	Ontime multiplied by DTCOR
l2events	189518	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	1	Obi number	sched_exp_time	5000.000000	[s] Scheduled observation exposure time
ascdsver	10.9.1	Processing system revision	ontime	4871.0564624071	[s]
caldbver	4.9.2	 	l1events	277007	Number of level 1 events
date	2020-09-23T13:01:06	Date and time of file creation			
revision	5	Processing version of data			

2.1.3 Events

Level 1 Events

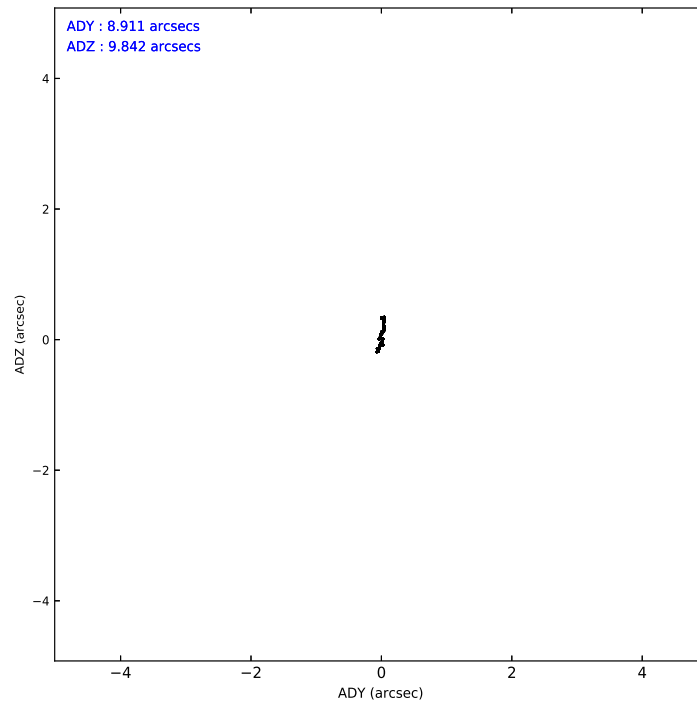
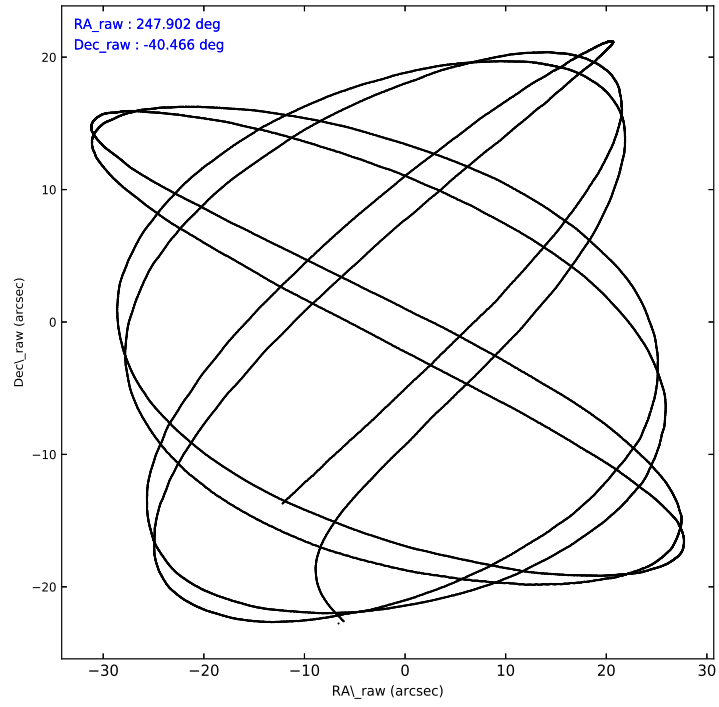
	segment 0
level 1 events	277007
rejected events	7216
rejected %	2%

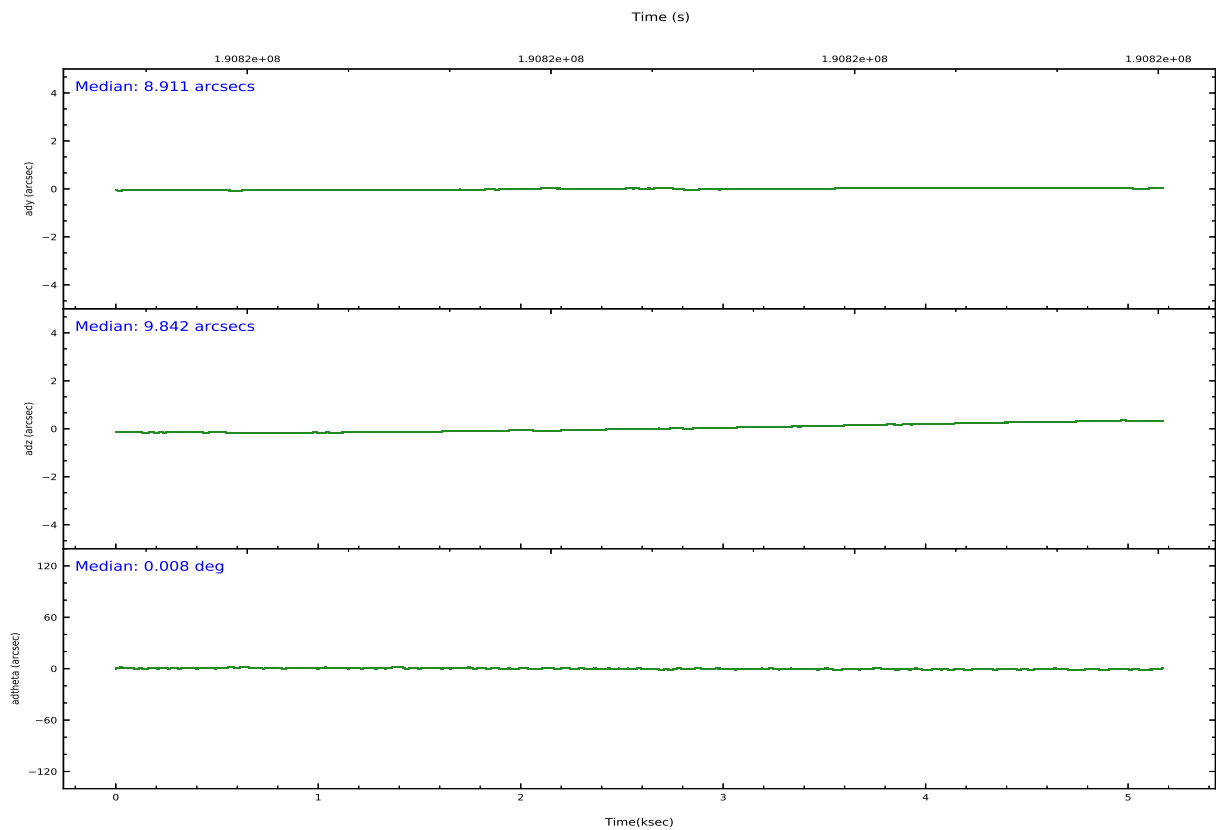
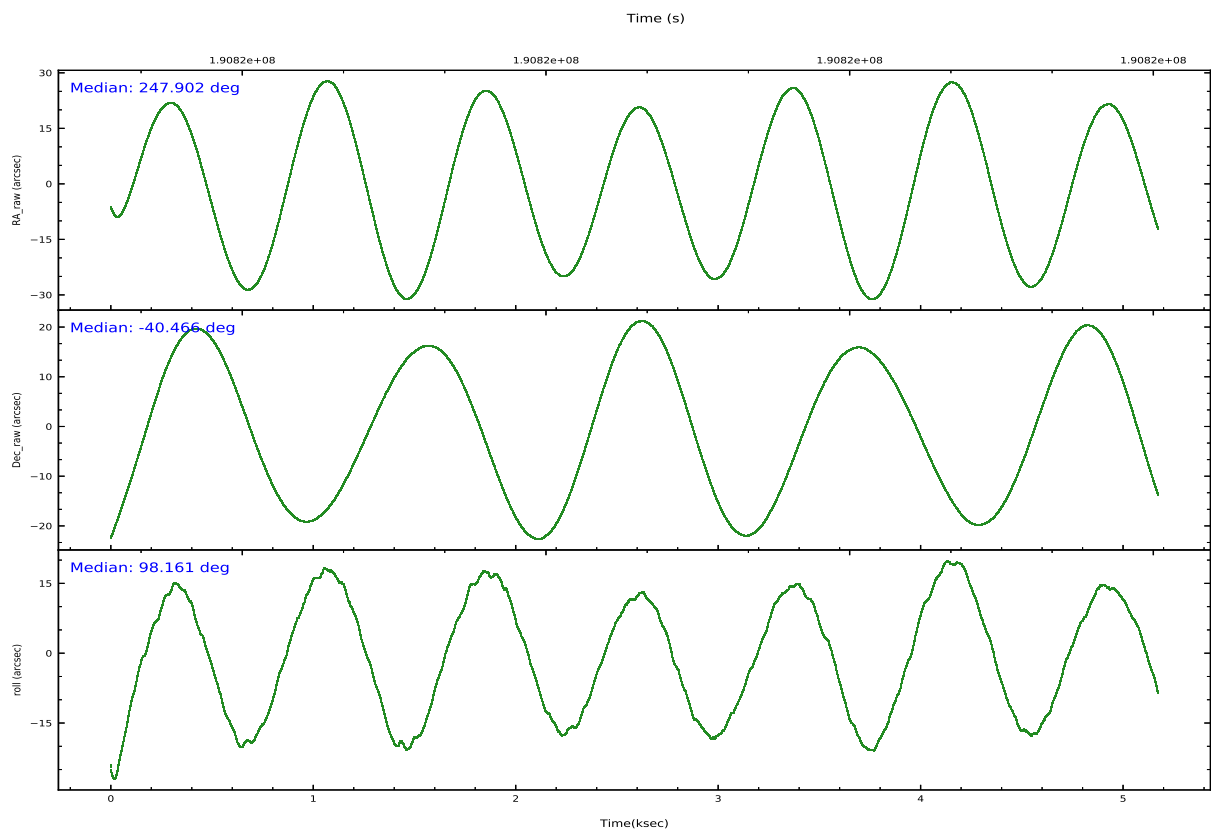
2.2 Compared Parameters

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	247.924045	247.90581403305
[deg] Pointing Dec	-40.486878	-40.467834567169
[deg] Pointing Roll	98.283890	98.160941279341
[mm] SIM focus pos	-1.040293	-1.038866356238299
[mm] SIM defocus	0	0.001426264420575141
[mm] SIM translation stage pos	126.985494	126.9854943052878
[mm] SIM translation stage offset	0	-5.413686238853188e-06
[s] Observation start time (MET)	190818525.184000	190817633.15144
Observation start date	2004-01-18T13:07:41	2004-01-18T12:53:53
[s] Observation end time (MET)	190823525.184000	190824396.10173
Observation end date	2004-01-18T14:31:01	2004-01-18T14:46:36

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

2.3 Aspect



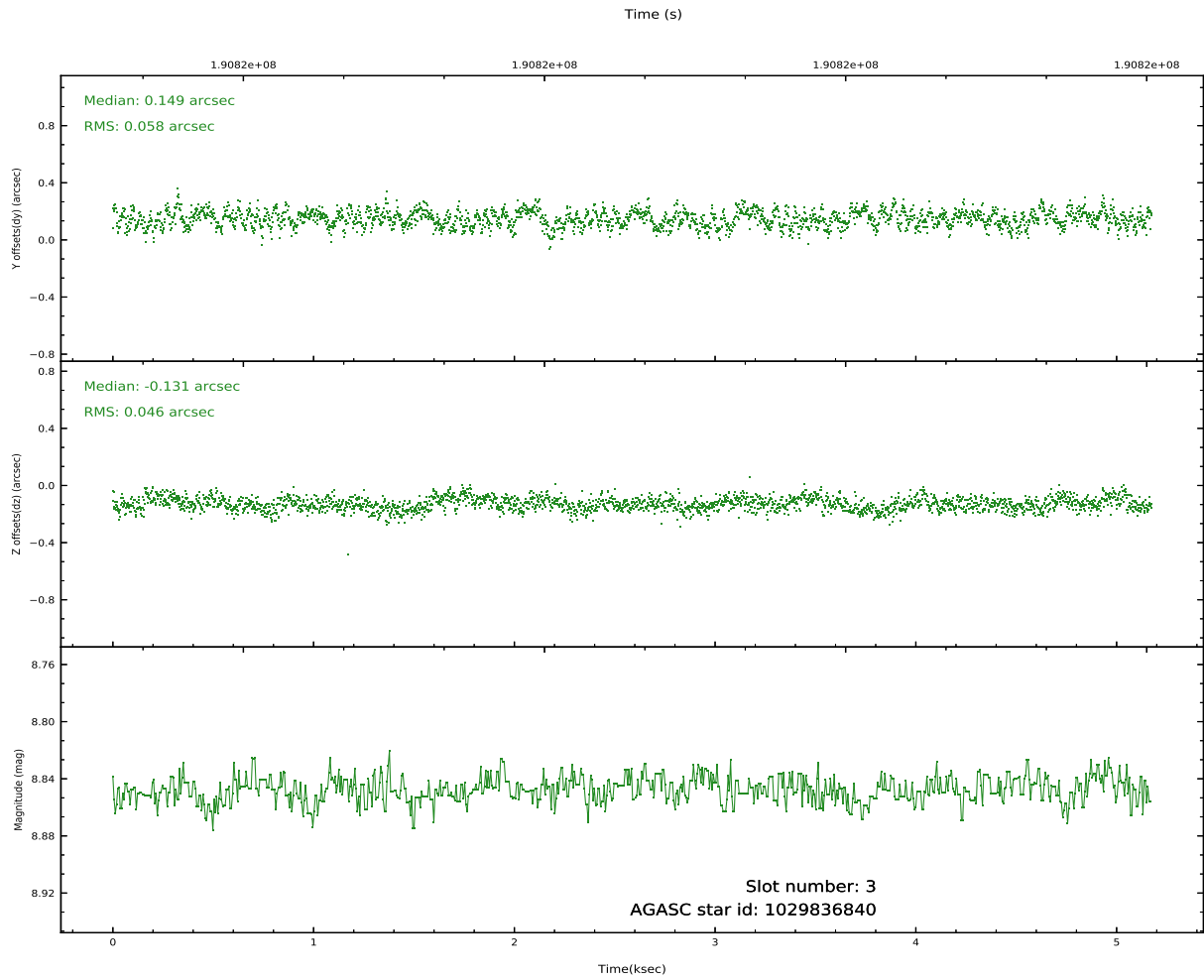
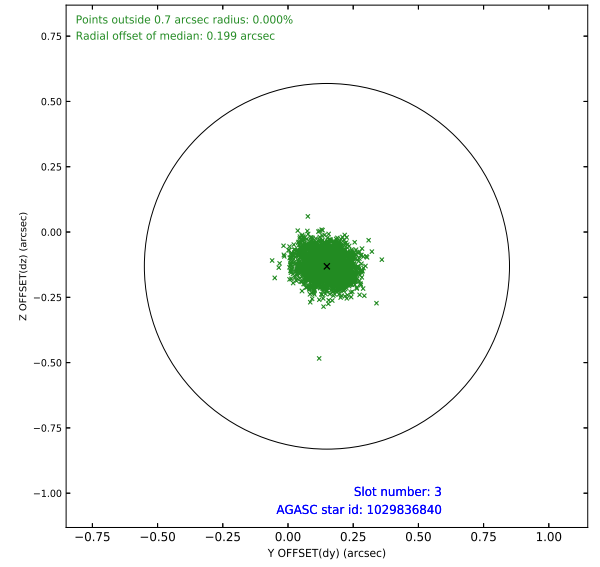
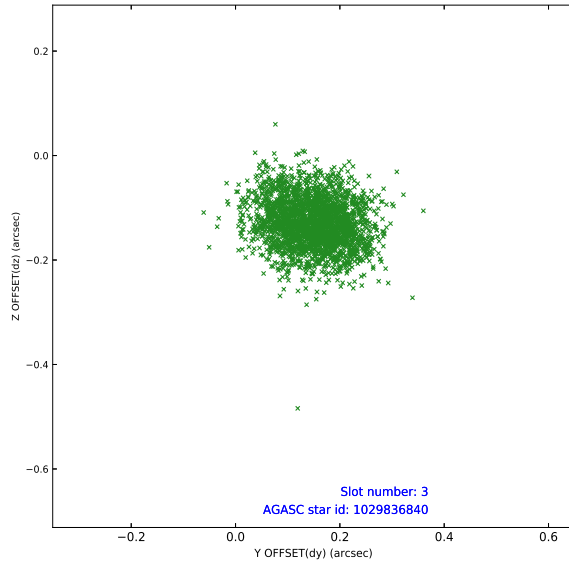


Slot Statistics

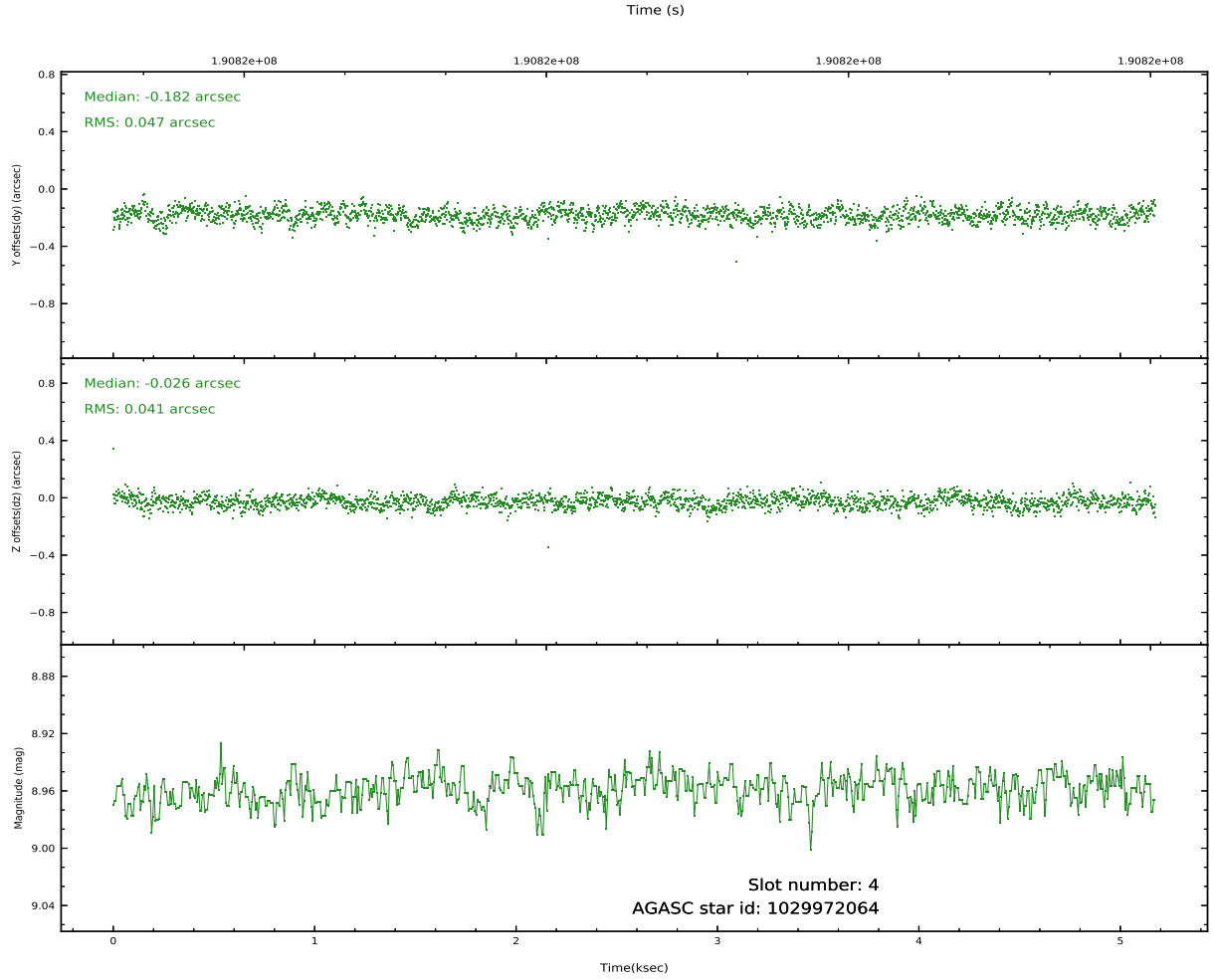
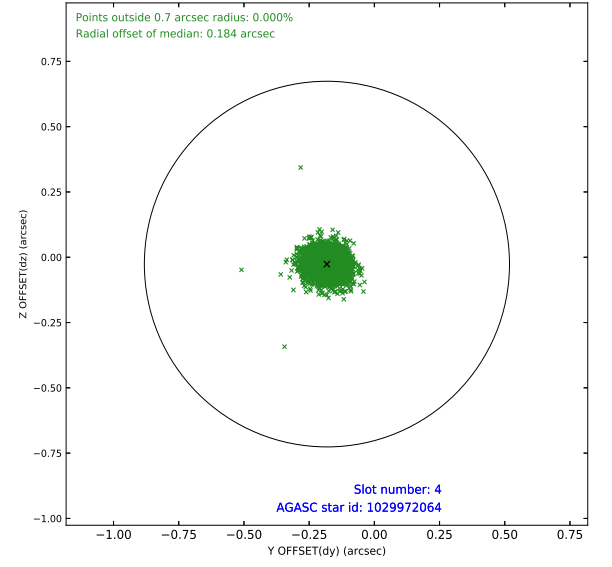
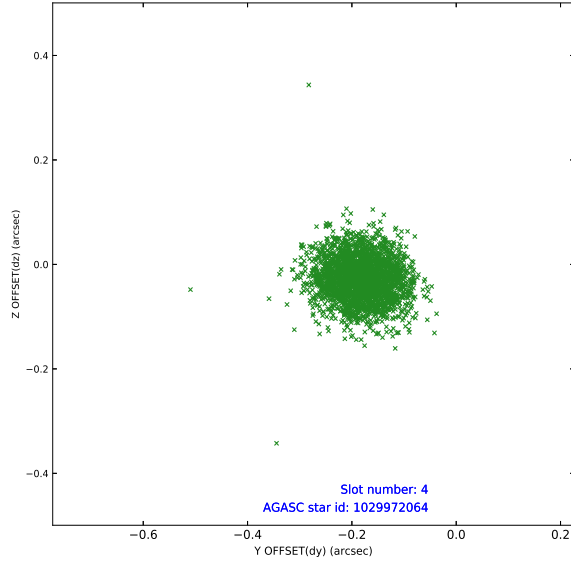
pt	status	used	id	mag	n_pts	frac_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mea
0	FID		HRC-I-1	6.98	1262	1.000	-0.041	0.014	0.008	0.014	0.000000	0.000000	-764.56	-1297
1	FID		HRC-I-2	7.03	1262	1.000	0.158	-0.084	0.008	0.012	0.000000	0.000000	847.66	-1300
2	FID		HRC-I-3	7.08	1263	1.000	0.001	-0.021	0.007	0.011	0.000000	0.000000	-1192.37	1005
3	GUIDE	used	1029836840	8.85	2524	1.000	0.149	-0.131	0.080	0.126	247.445235	-41.071470	-1899.57	1590
4	GUIDE	used	1029972064	8.96	2525	1.000	-0.182	-0.026	0.067	0.105	247.559676	-40.037973	1740.15	762
5	GUIDE	used	1029976280	7.77	2525	1.000	0.092	0.082	0.063	0.099	248.175416	-41.034607	-2050.55	-390
6	GUIDE	used	1029977216	7.90	2525	1.000	0.037	-0.015	0.064	0.102	248.402376	-40.770339	-1202.60	-1142
7	GUIDE	used	1029966624	9.34	2520	1.000	-0.097	0.093	0.106	0.179	248.599474	-39.897512	1822.65	-2150

2.4 Star Slots

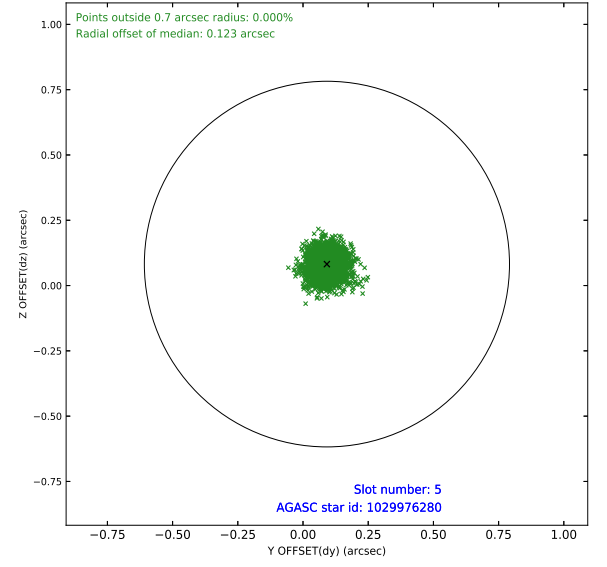
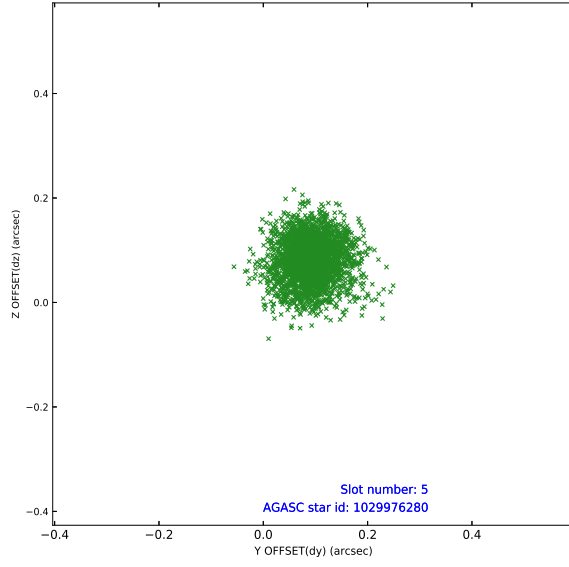
2.4.1 Slot 3



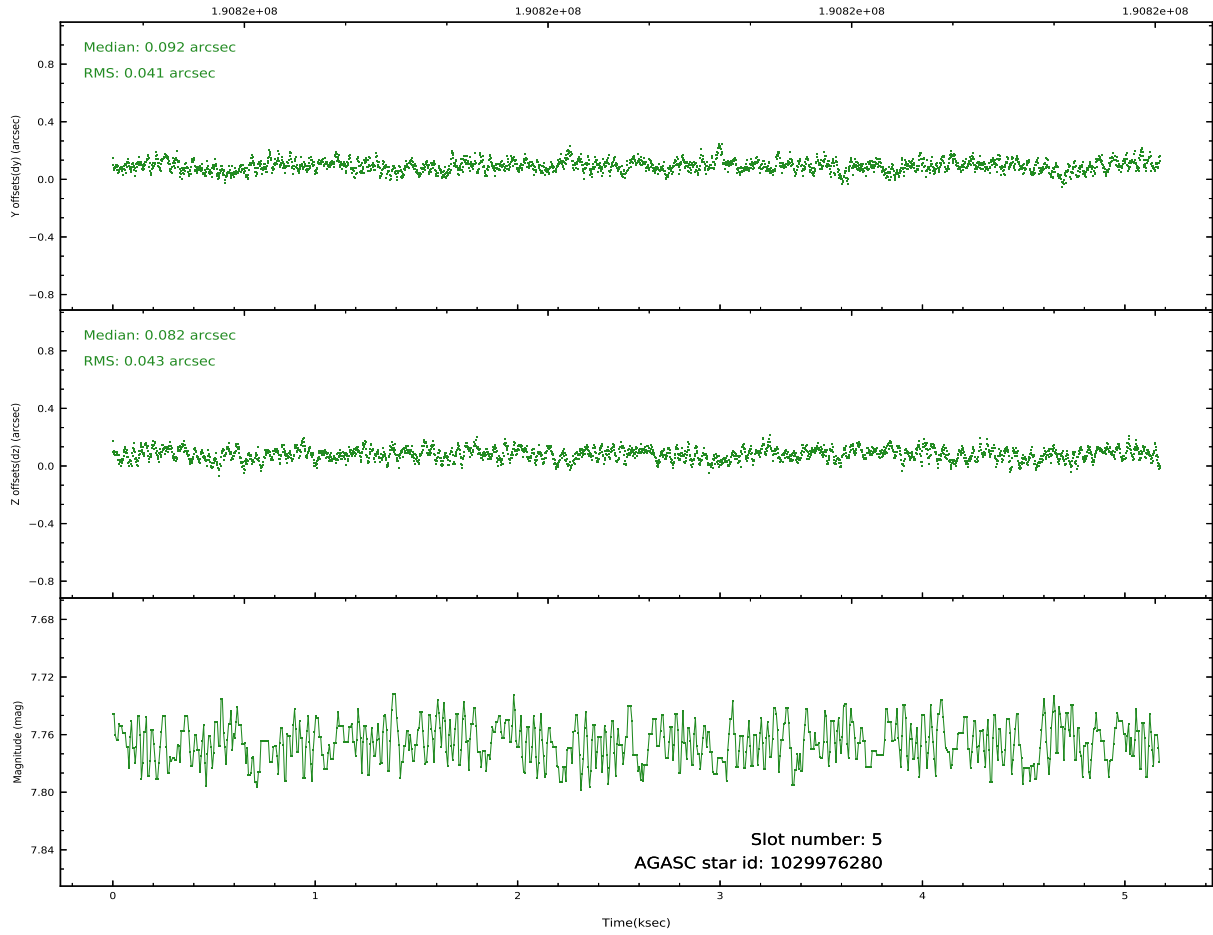
2.4.2 Slot 4



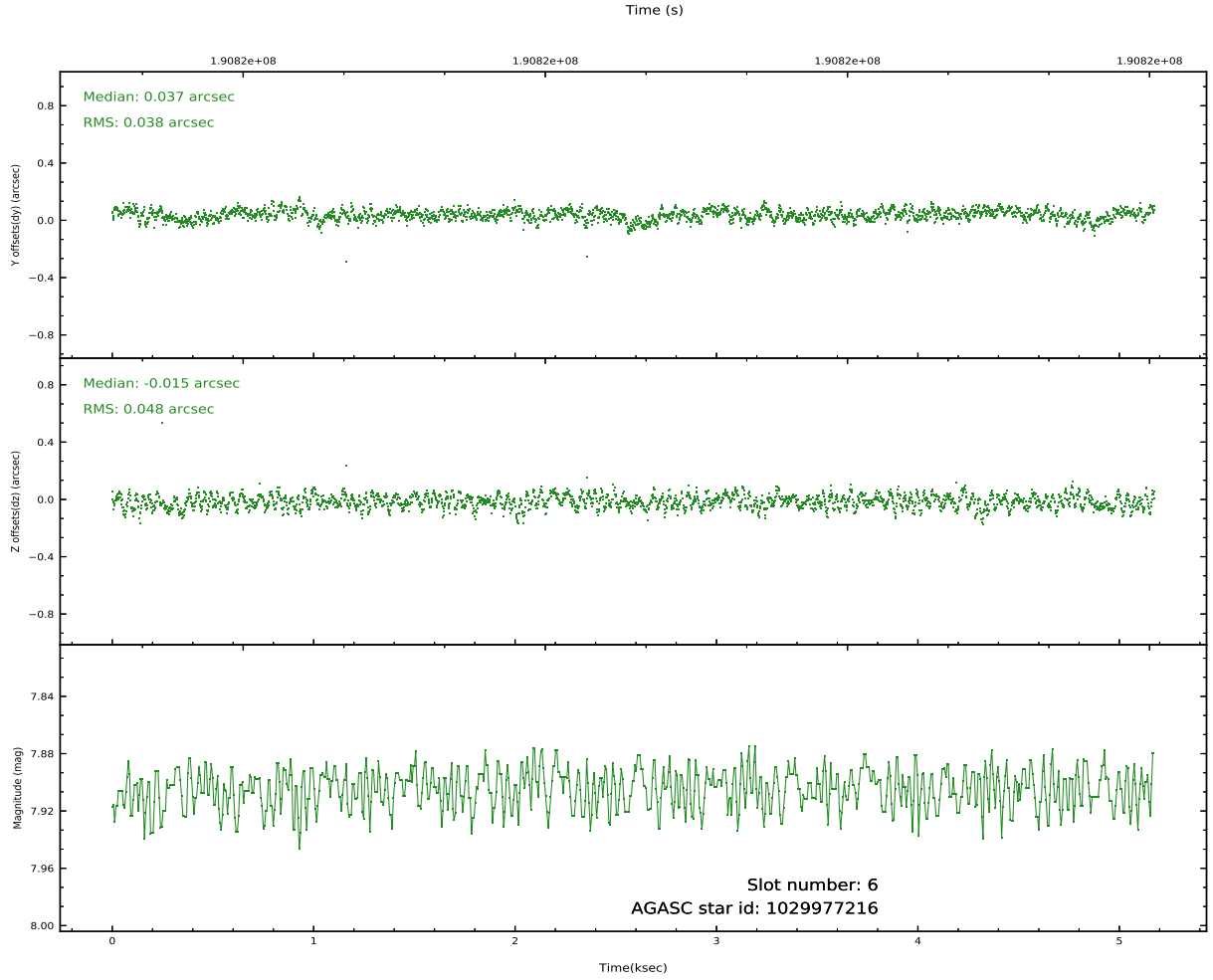
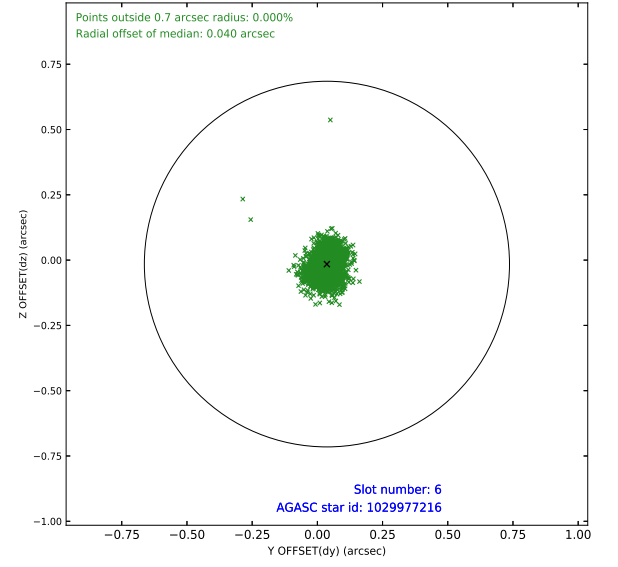
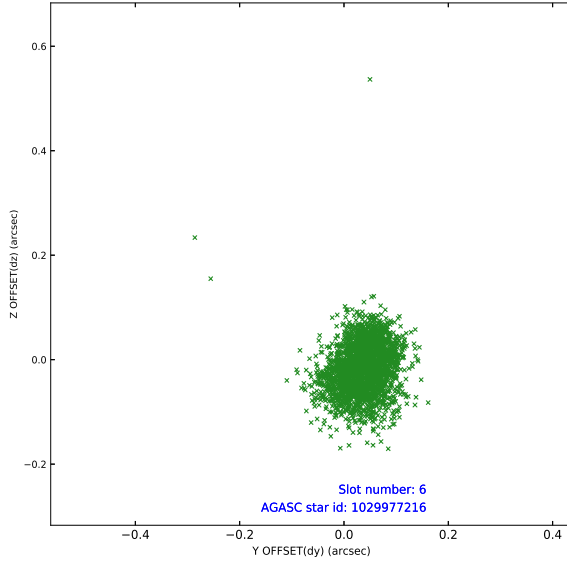
2.4.3 Slot 5



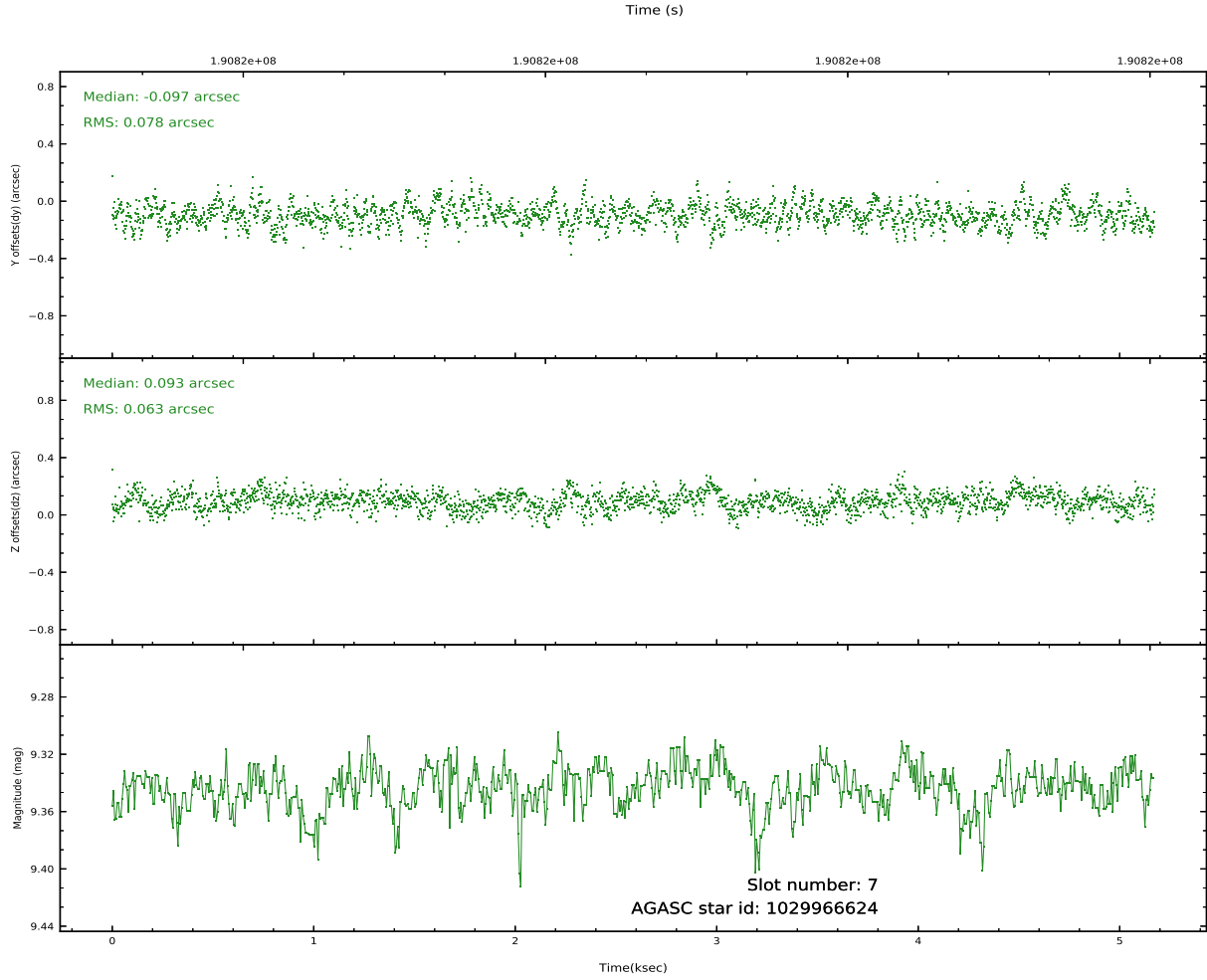
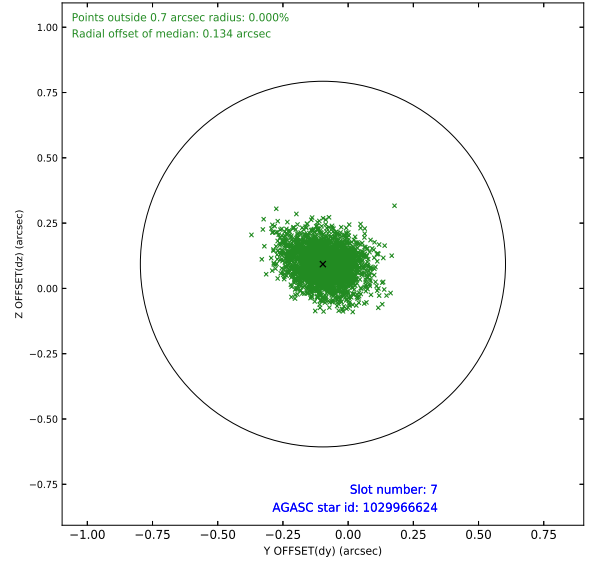
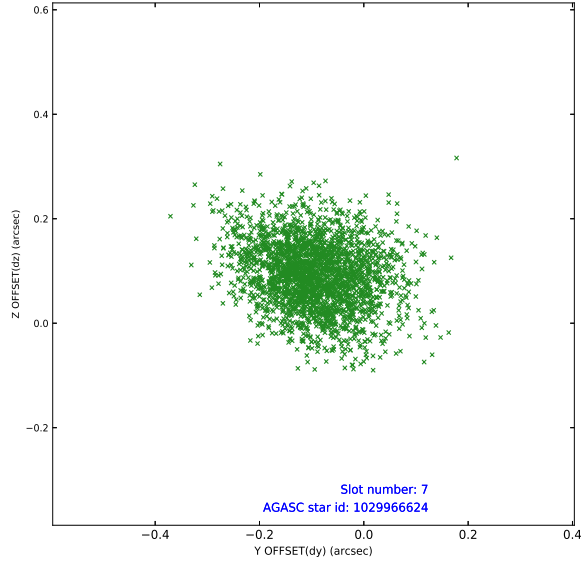
Time (s)



2.4.4 Slot 6

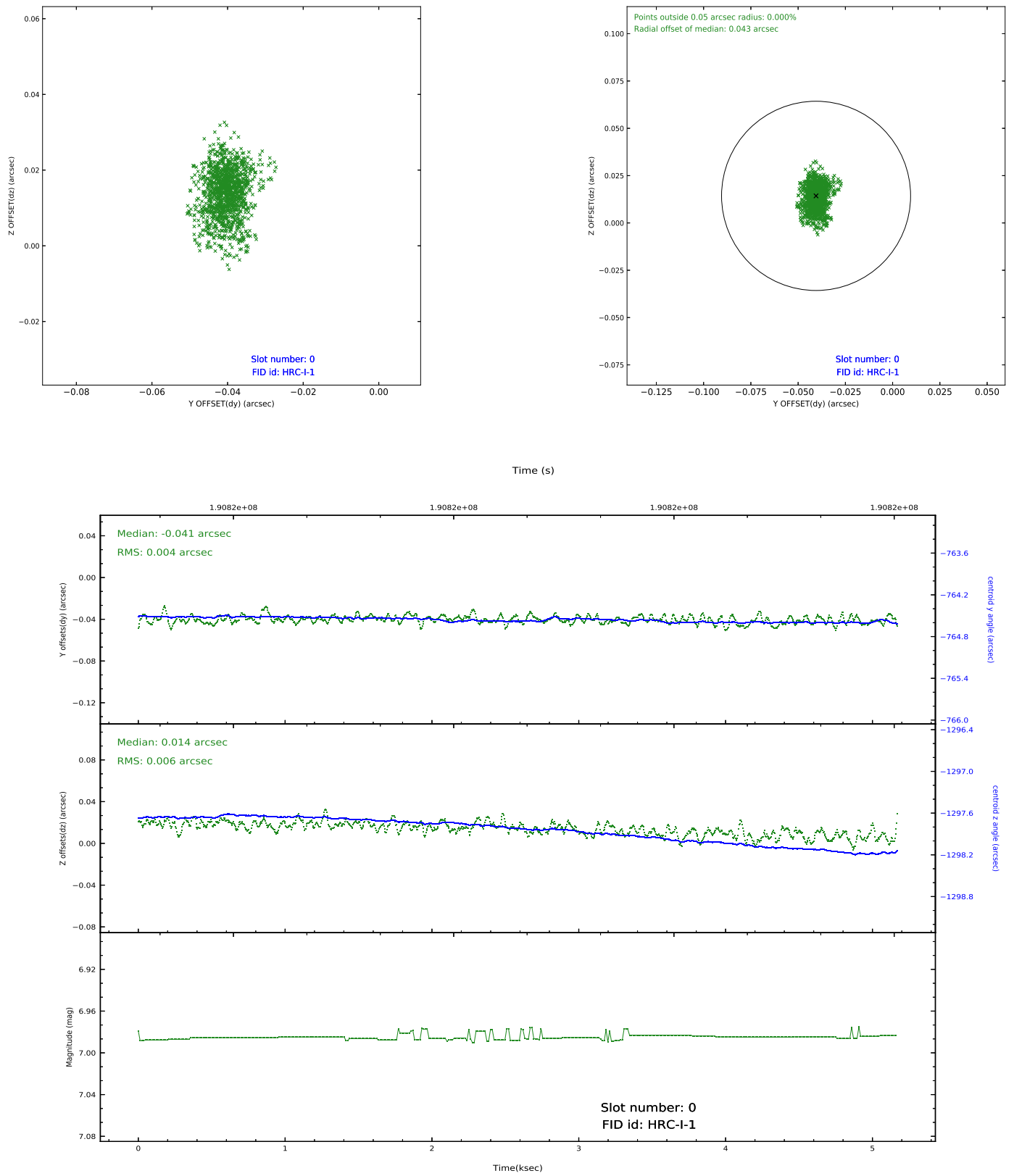


2.4.5 Slot 7

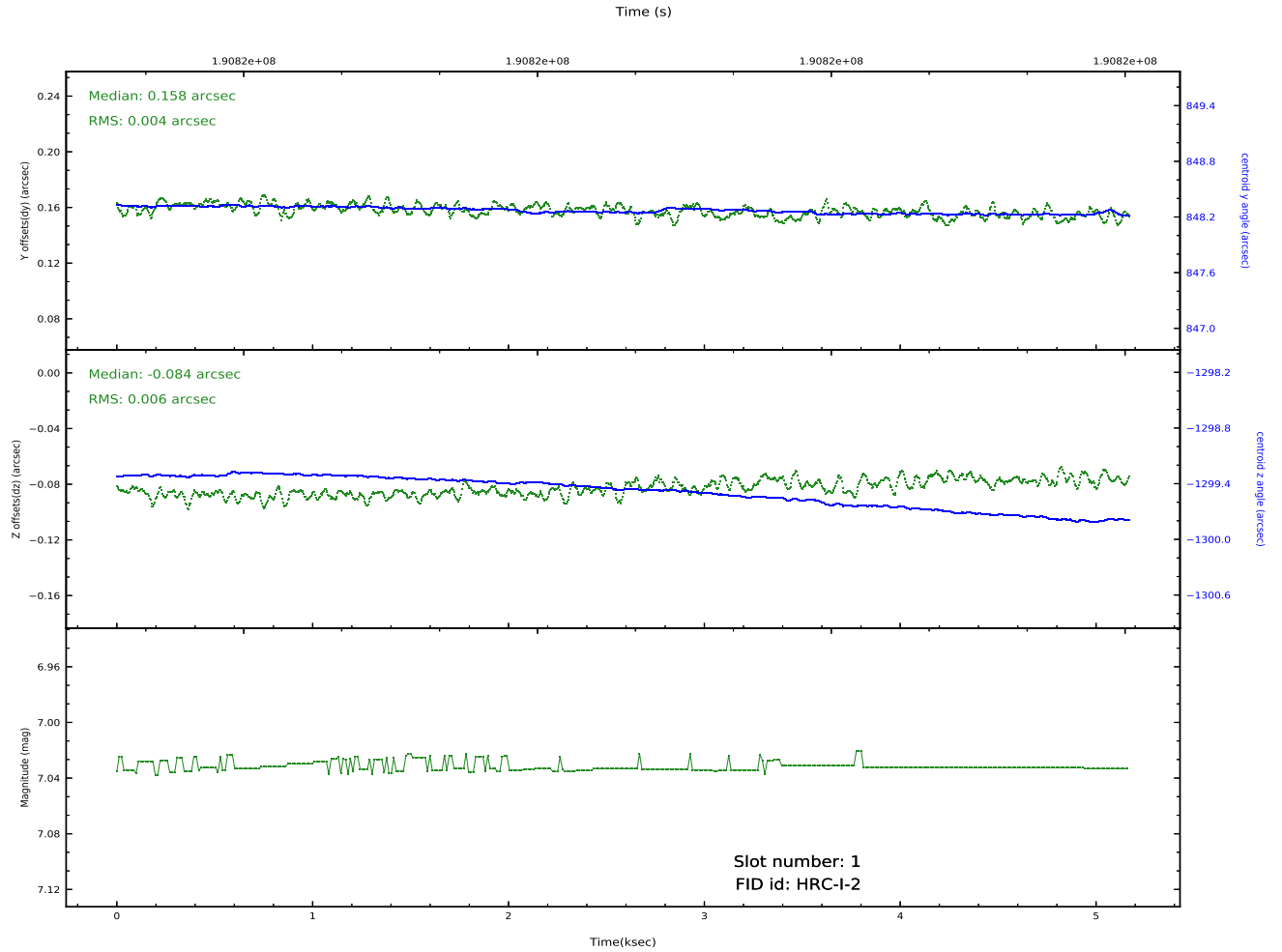
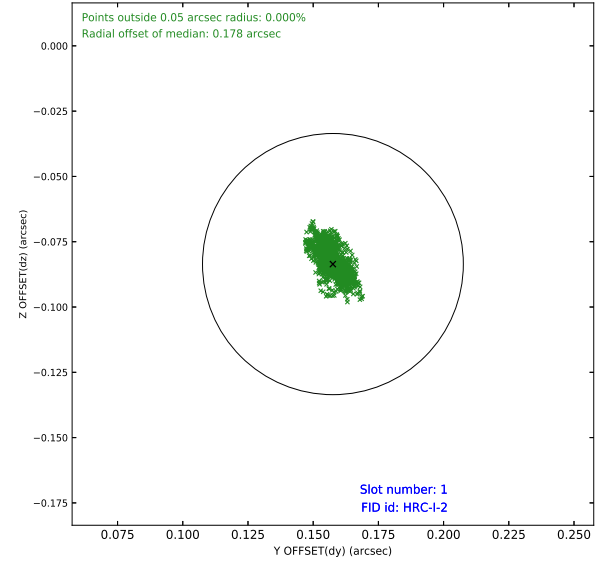
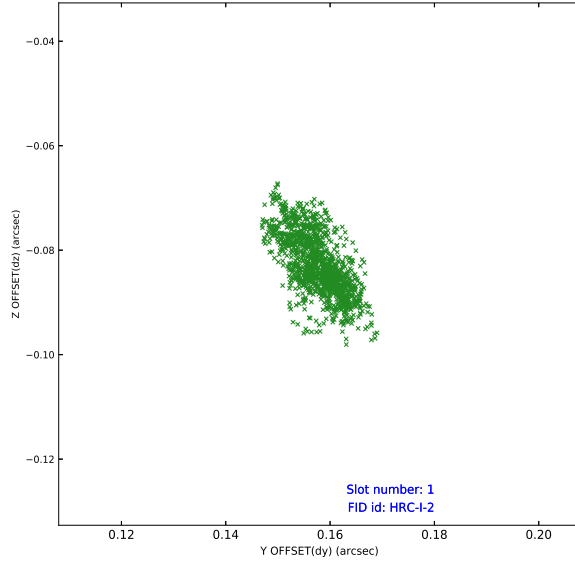


2.5 FID Slots

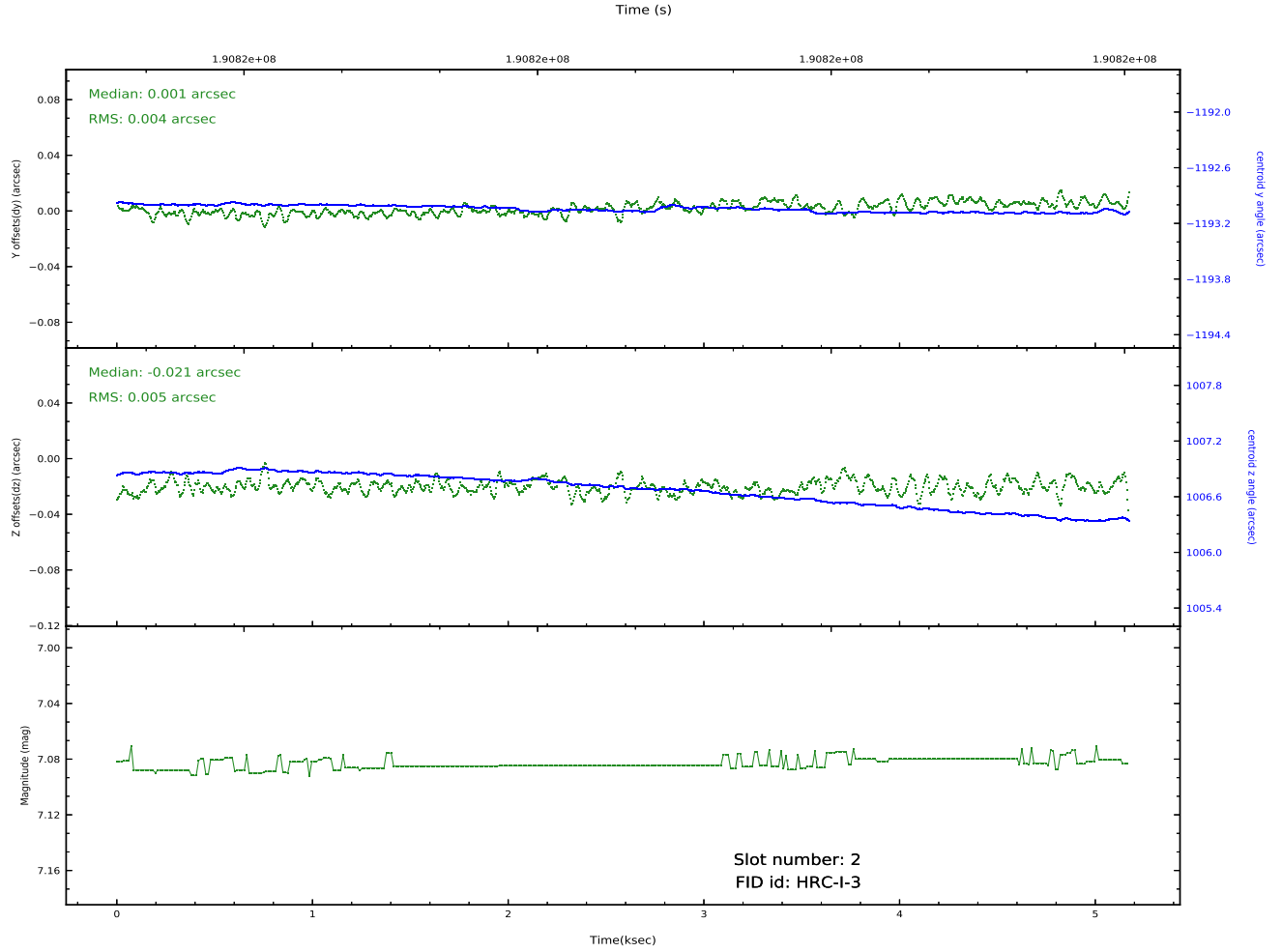
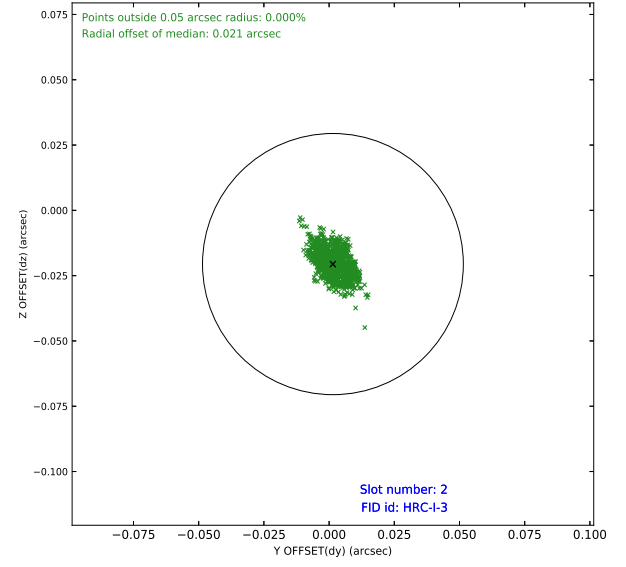
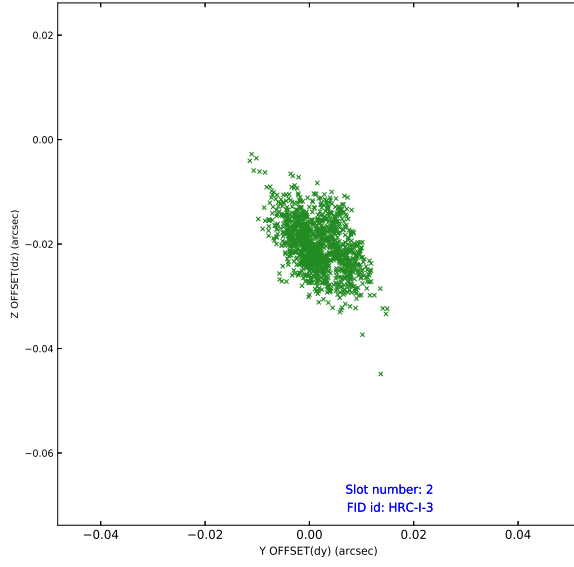
2.5.1 Slot 0



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)	2020.09.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.871

A.2 Comments