

V&V Reference Report

L2 ASCDS Version : 10.9.1

Observation 4790 - L2 Version 4
Chandra X-Ray Center

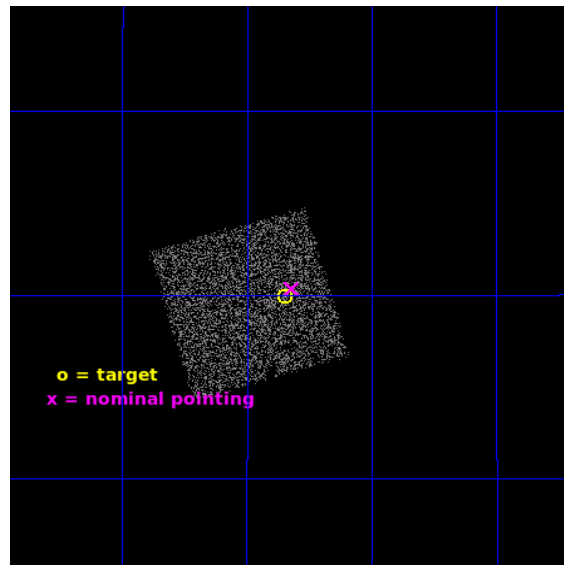
L2 Processing Date : Sep 25 2020

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1 Front

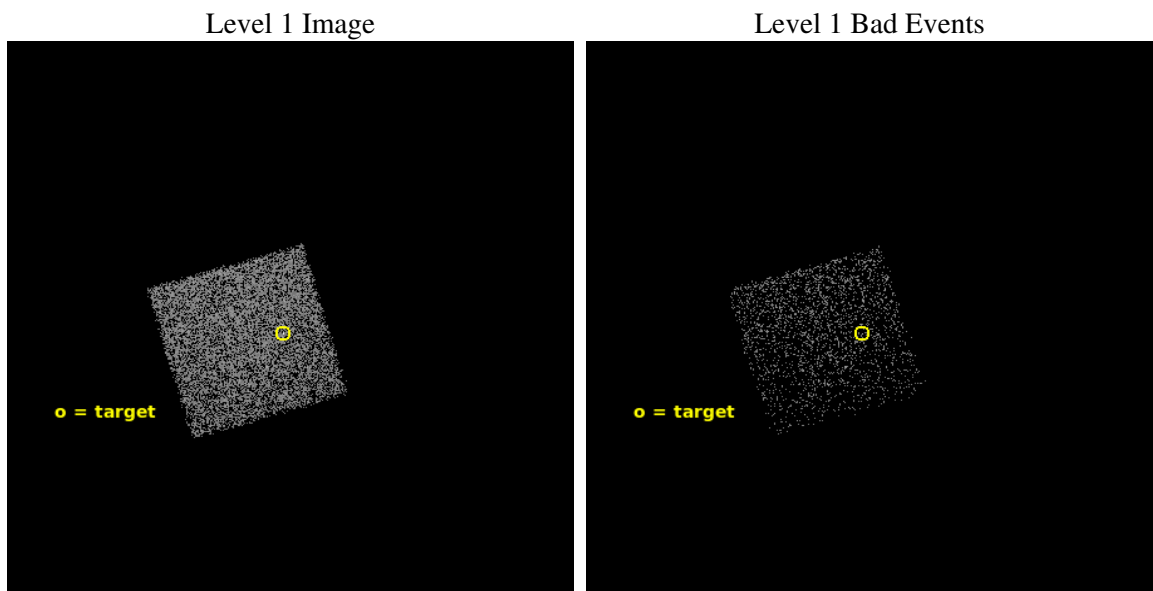
seq_num	700873	Sequence number
obs_id	4790	Observation id
title	Anchoring the AGN X-ray Luminosity Function	Proposal title
observer	Dr. JOHN SALZER	Principal investigator
object	KISS F1505-3540	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	226.586667	Observer's specified target RA [deg]
dec_targ	29.665917	Observer's specified target Dec [deg]
ra_nom	226.5797741849	Nominal RA [deg]
dec_nom	29.67250729863	Nominal Dec [deg]
roll_nom	163.47204233877	Nominal Roll [deg]
revision	4	Processing version of data
ontime	2046.0	Sum of GTIs [s]
livetime	2018.3884460579	Livetime [s]
ontime7	2046.0	Sum of GTIs [s]
l2events	7699	Number of level 2 events



2 OBI

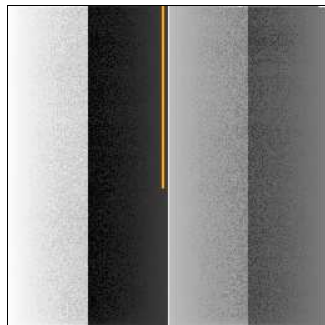
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	1870.000000	[s] Scheduled observation exposure time
ascdsver	10.9.1	Processing system revision	ontime	2046.0	Sum of GTIs [s]
caldsver	4.9.2	 	ontime7	2046.0	Sum of GTIs [s]
date	2020-09-25T08:56:39	Date and time of file creation	l1events	31474	Number of level 1 events
revision	4	Processing version of data			

2.1.4 Events

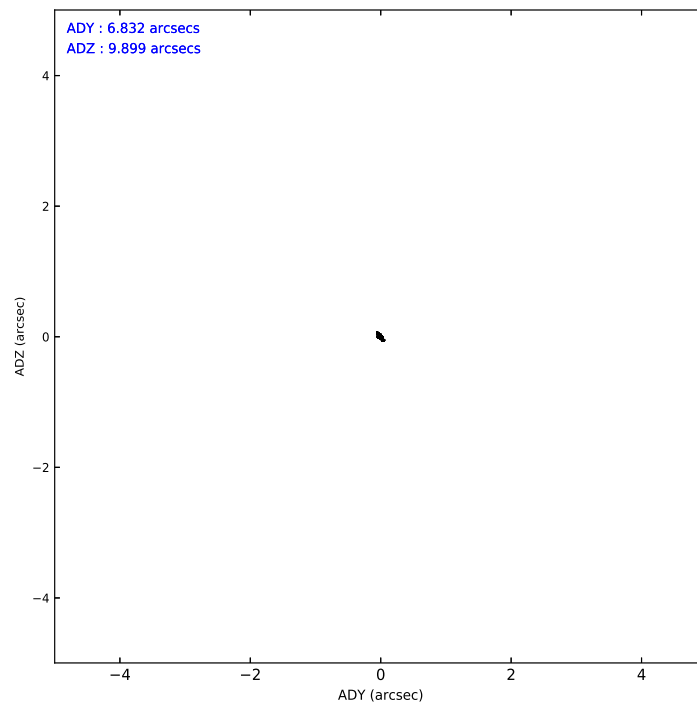
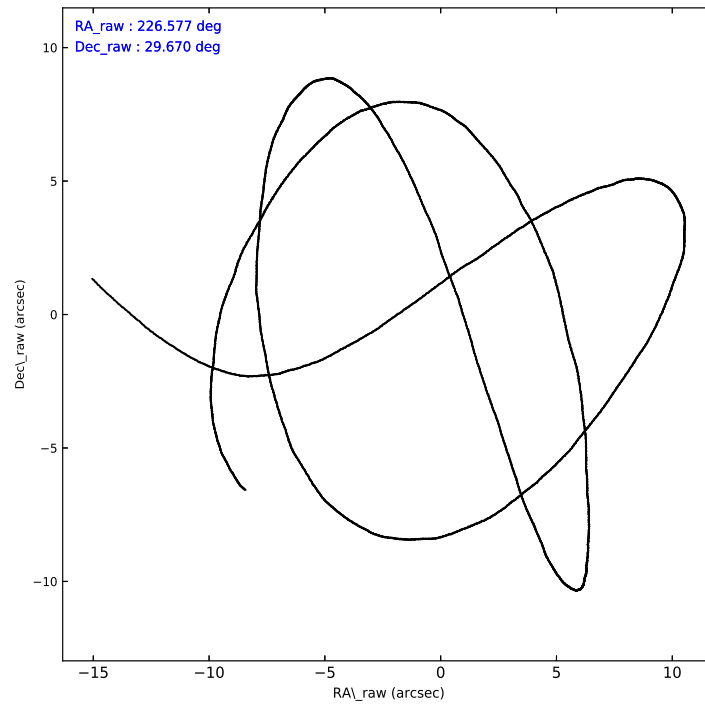
	ccd 7
level 1 events	31474
rejected events	23545
rejected %	74%

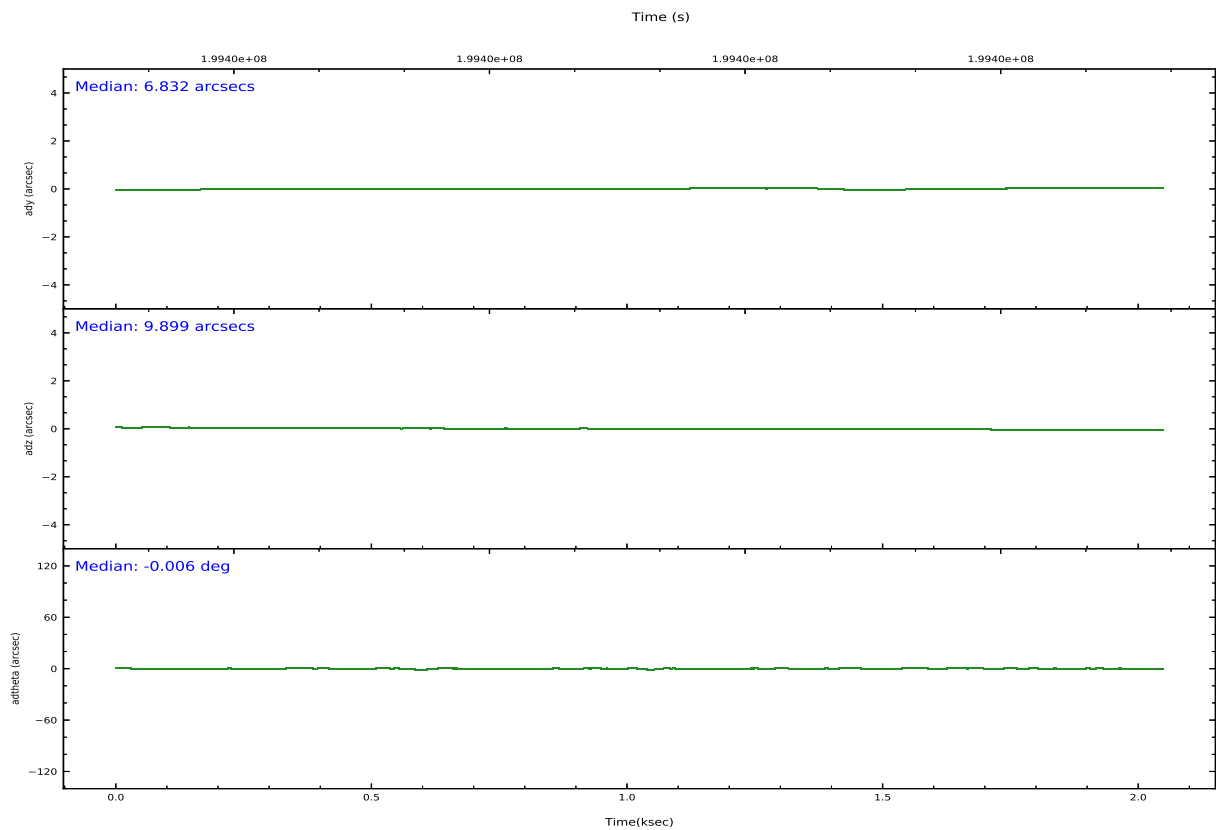
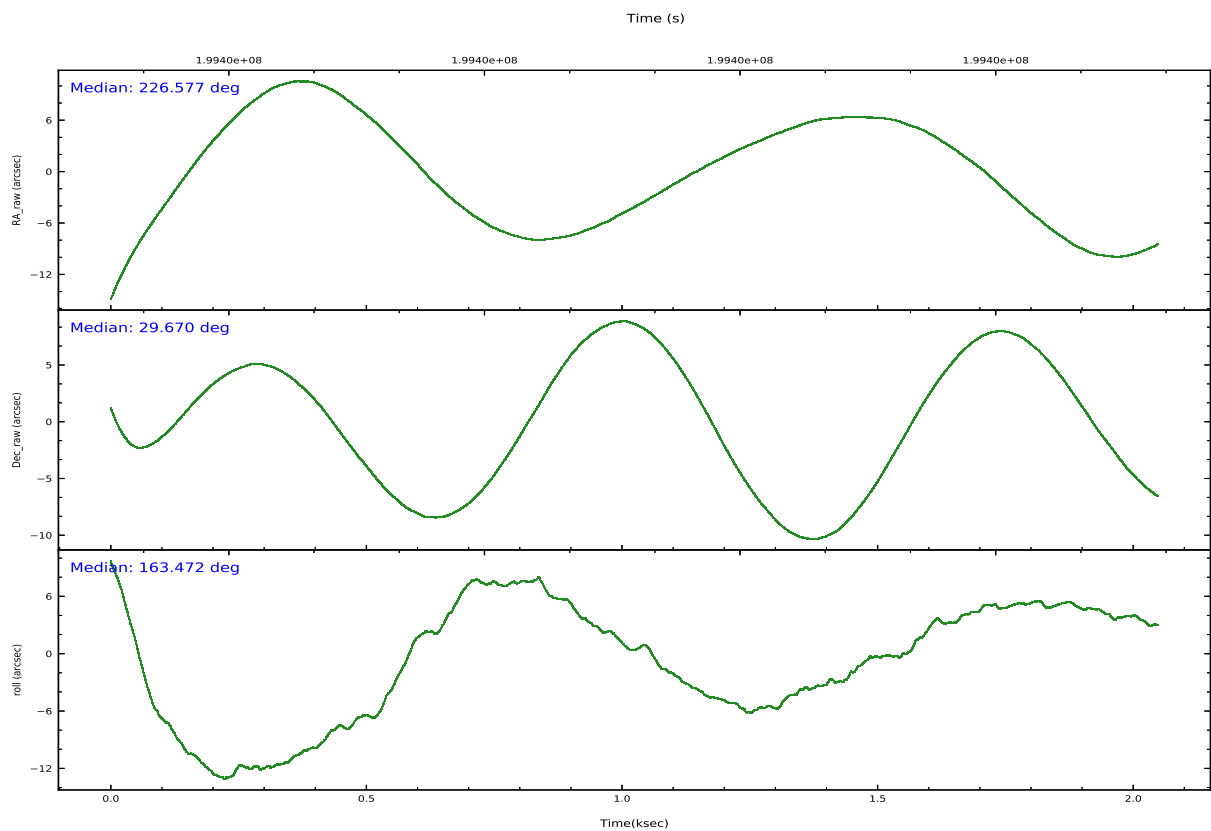
	ccd 7
grade 0 events	1195
	3%
grade 1 events	36
	0%
grade 2 events	2529
	8%
grade 3 events	1216
	3%
grade 4 events	1180
	3%
grade 5 events	3066
	9%
grade 6 events	6992
	22%
grade 7 events	15260
	48%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar version number	8	8
Detector	ACIS-7	ACIS-7	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	226.607101	226.5797741849	Subarray requested	NONE	NONE
[deg] Pointing Dec	29.676957	29.67250729863	Alternating exposures requested	N	N
[deg] Pointing Roll	163.297554	163.47204233877	[s] Primary exposure time	0.000000	3
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.001444936568705701			
[mm] SIM translation stage pos	-190.132523	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	199397448.184000	199395940.01509			
Observation start date	2004-04-26T20:09:44	2004-04-26T19:45:40			
[s] Observation end time (MET)	199399318.184000	199400179.92778			
Observation end date	2004-04-26T20:40:54	2004-04-26T20:56:19			
Read mode	TIMED	TIMED			

2.3 Aspect



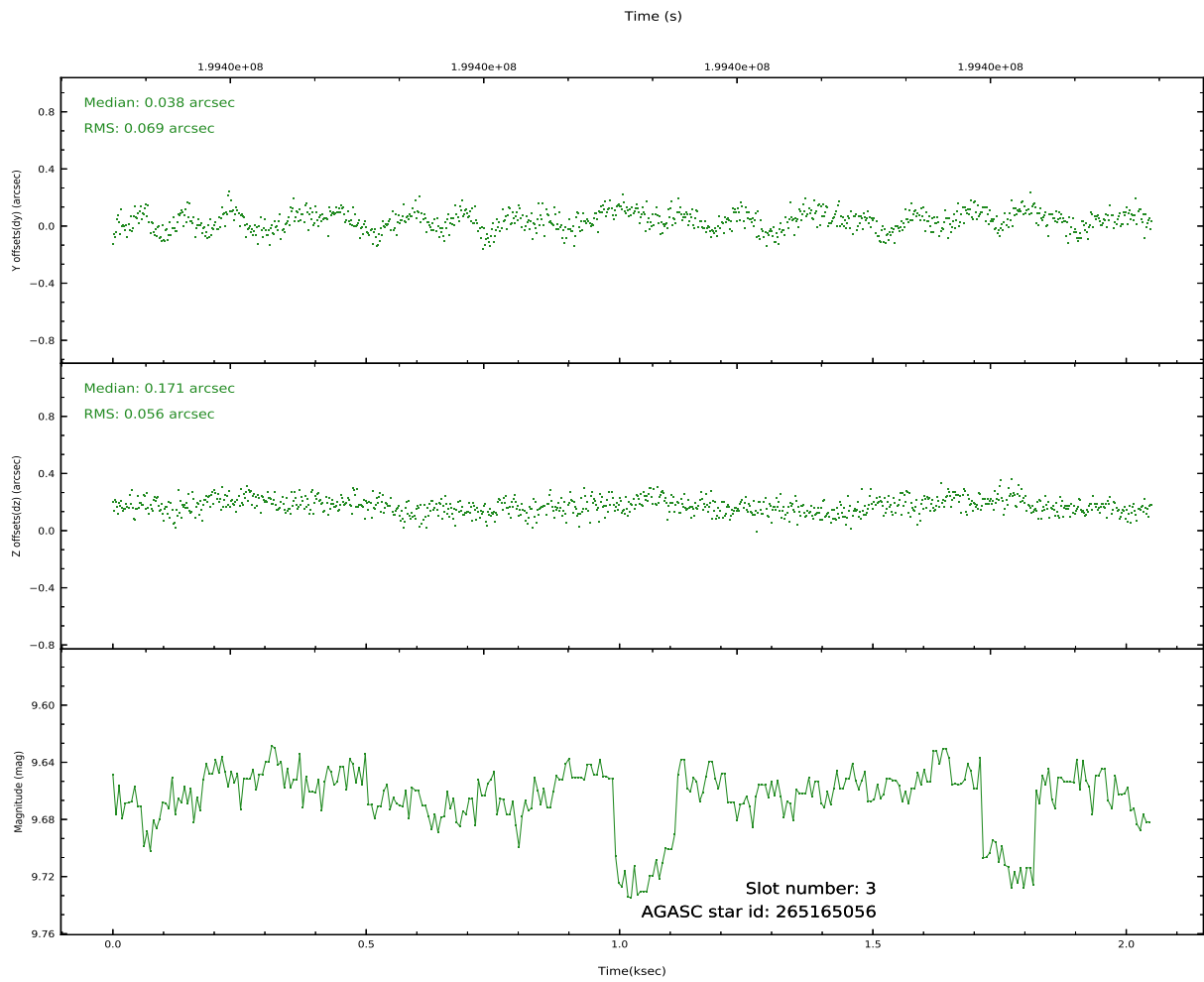
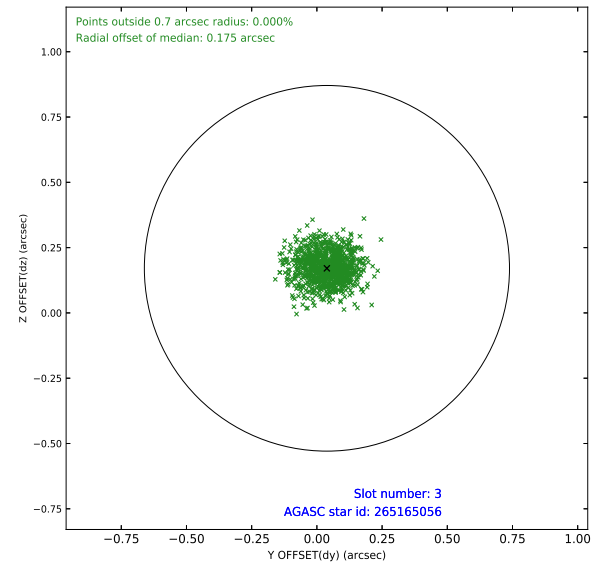
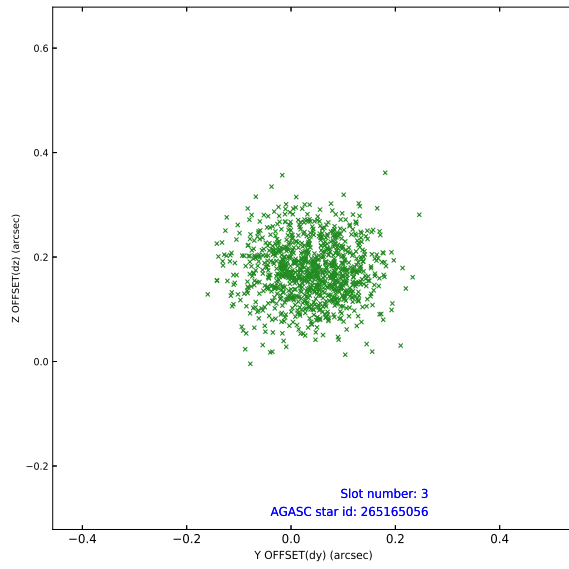


Slot Statistics

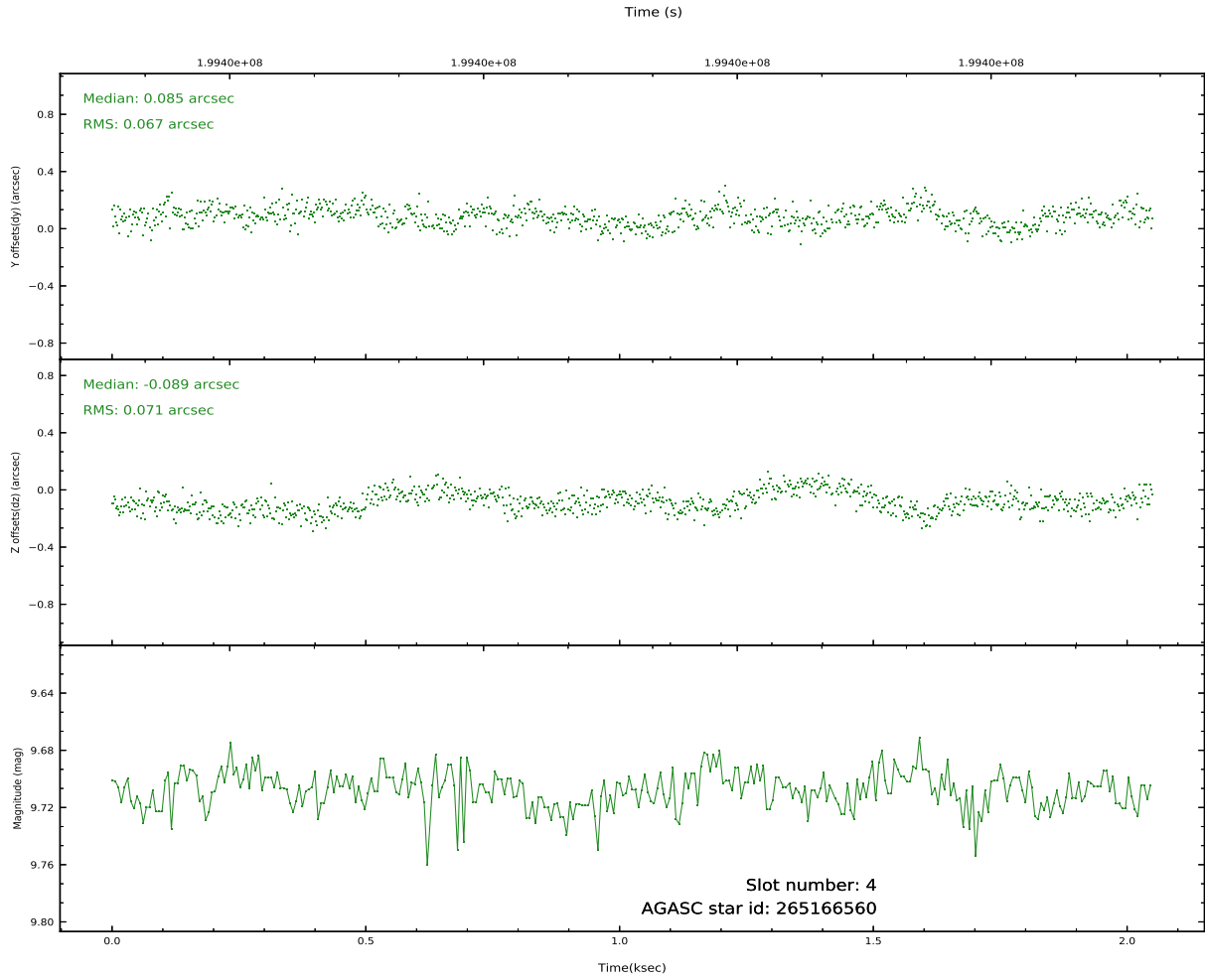
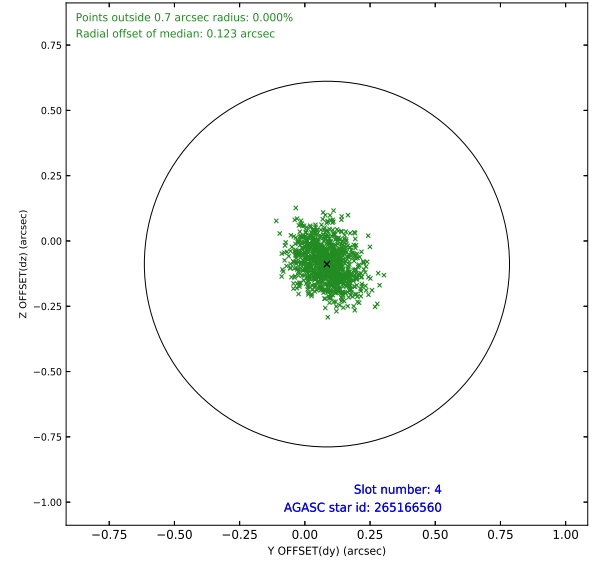
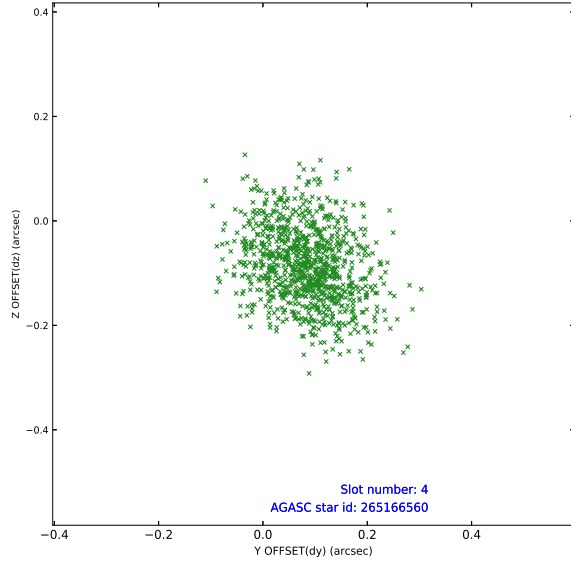
pt	status	used	id	mag	n_pts	frac_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mea
0	FID		ACIS-S-2	7.10	500	1.000	-0.074	-0.054	0.007	0.012	0.000000	0.000000	-759.60	-1731
1	FID		ACIS-S-4	7.20	500	1.000	0.127	0.050	0.006	0.011	0.000000	0.000000	2152.37	174
2	FID		ACIS-S-5	7.24	500	1.000	-0.084	0.012	0.007	0.012	0.000000	0.000000	-1808.40	171
3	GUIDE	used	265165056	9.66	999	1.000	0.038	0.171	0.094	0.157	225.818456	29.330647	2014.91	1898
4	GUIDE	used	265166560	9.71	996	1.000	0.085	-0.089	0.107	0.169	226.011231	29.629451	1740.11	697
5	GUIDE	used	266077504	9.23	1001	1.000	-0.072	-0.016	0.080	0.130	226.602042	29.192011	-484.98	1677
6	GUIDE	used	266080256	9.31	999	1.000	0.068	-0.029	0.101	0.153	226.532042	29.432388	-28.12	912
7	GUIDE	used	335810664	9.38	1000	1.000	-0.121	-0.044	0.100	0.155	227.493019	30.004042	-2303.90	-1930

2.4 Star Slots

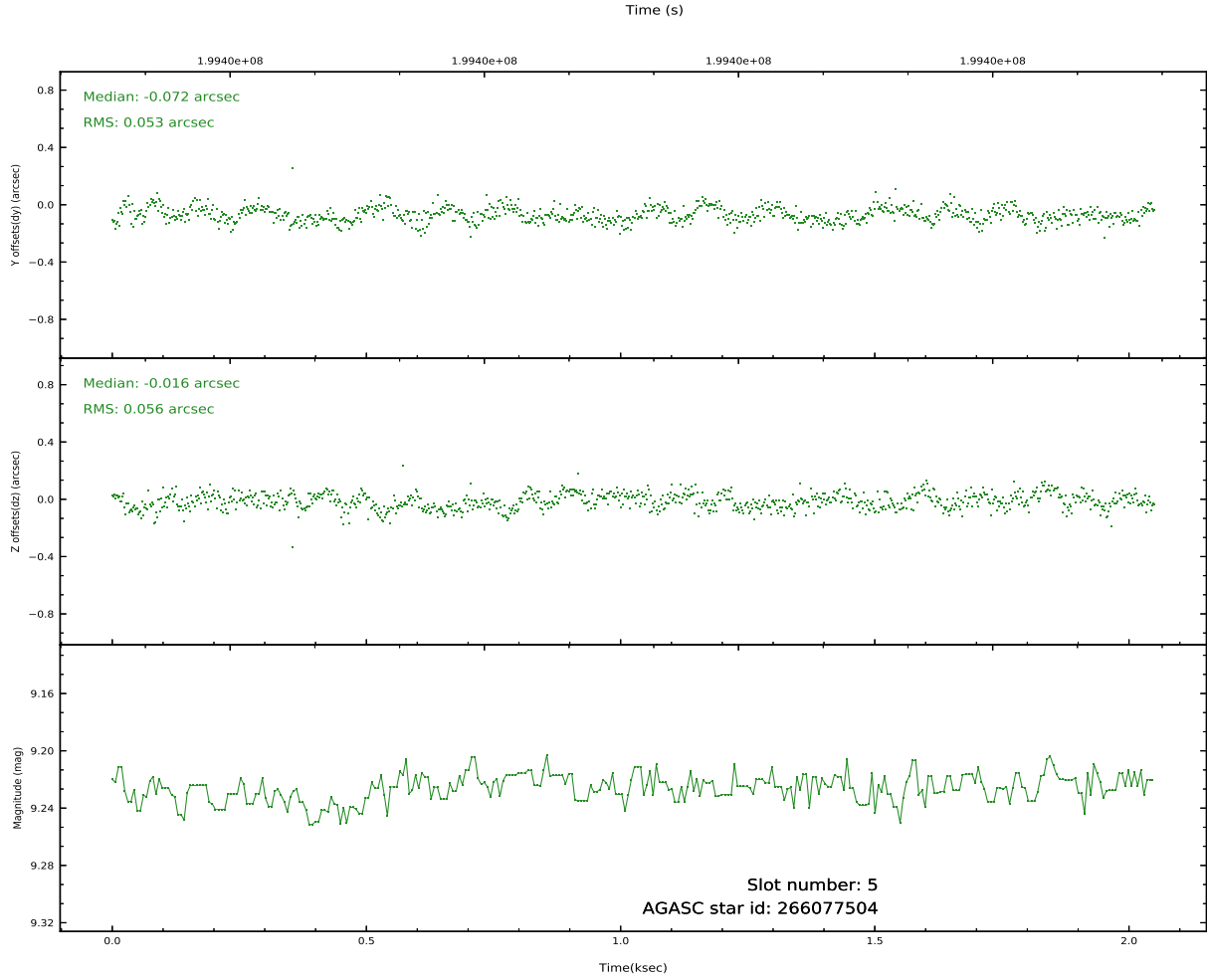
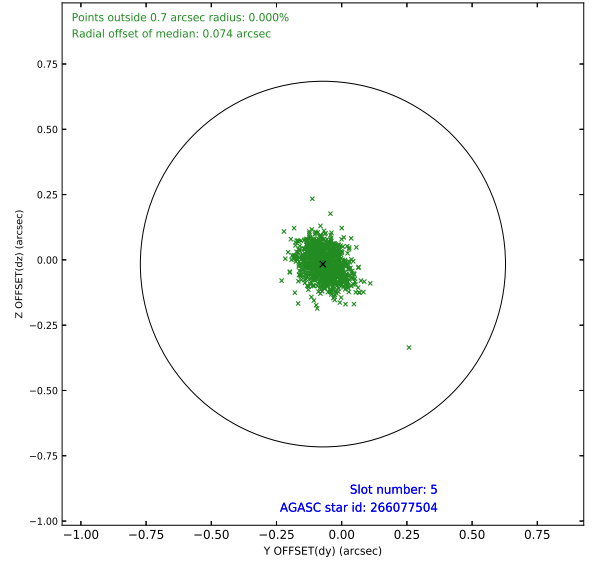
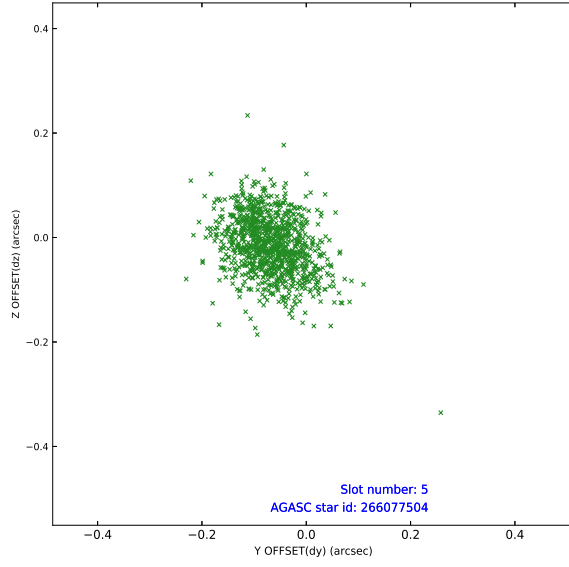
2.4.1 Slot 3



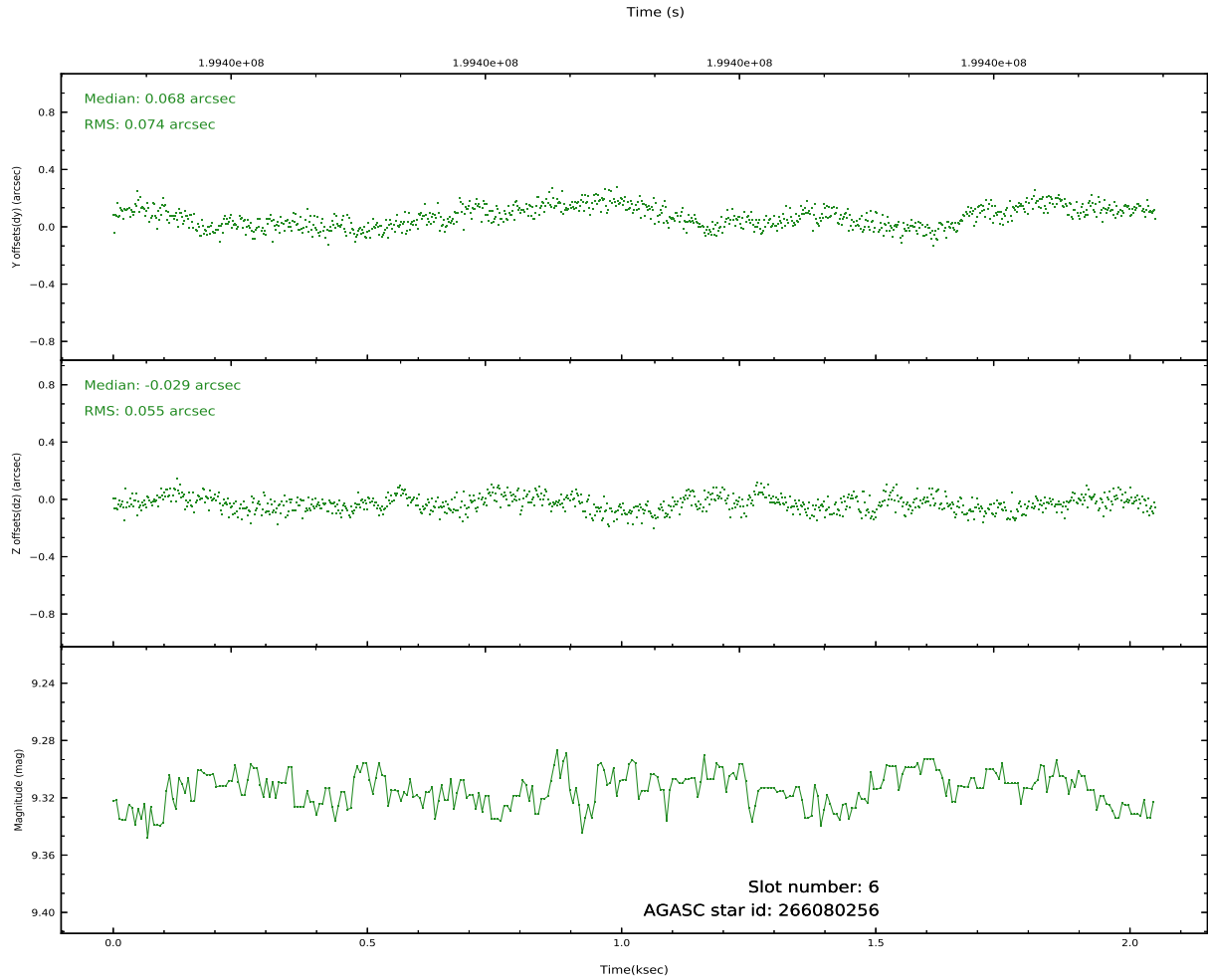
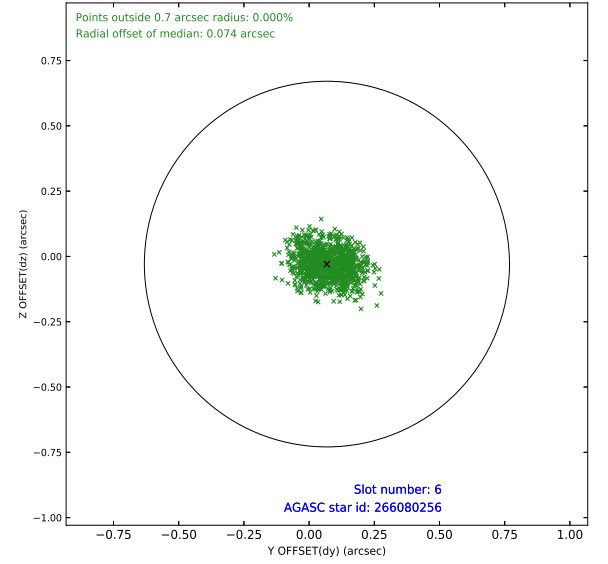
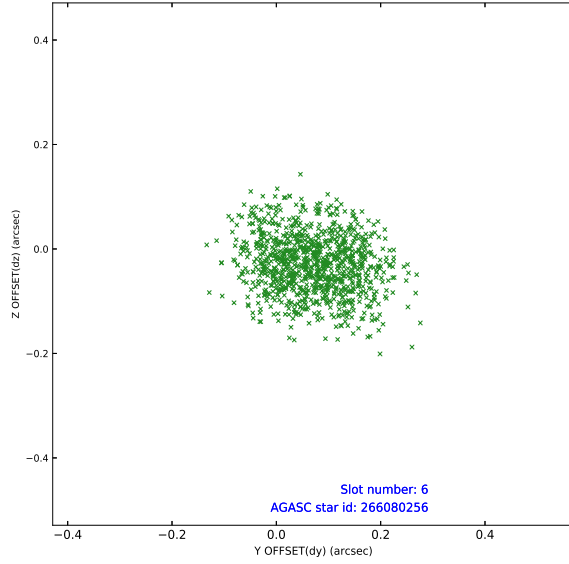
2.4.2 Slot 4



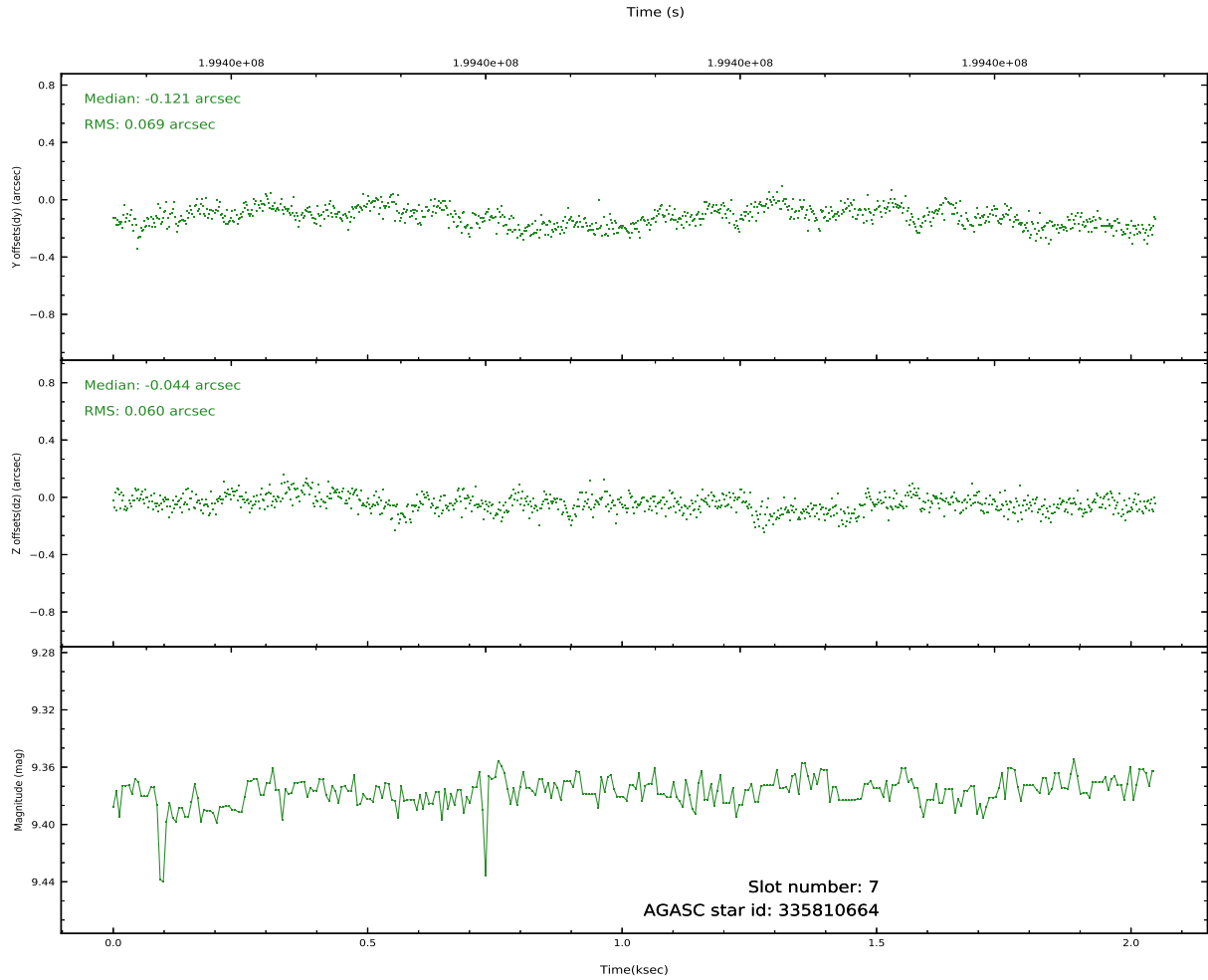
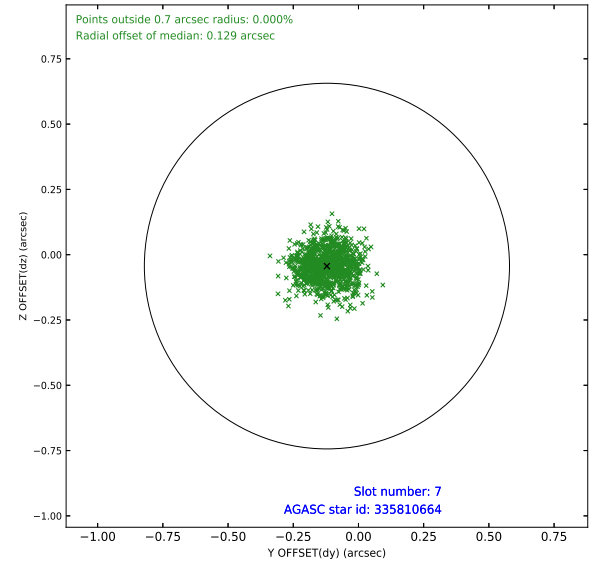
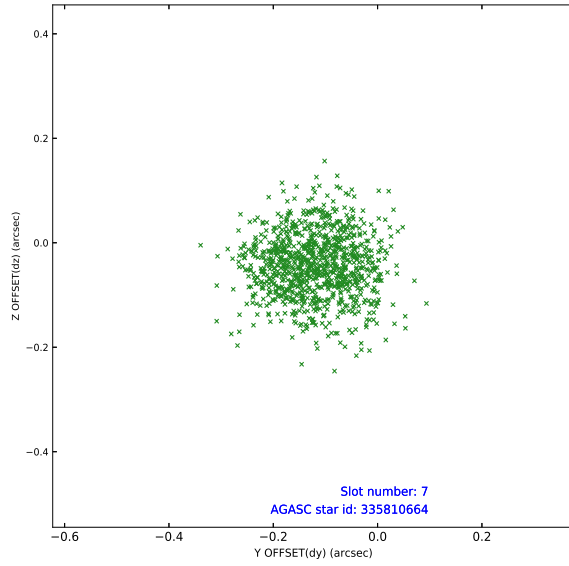
2.4.3 Slot 5



2.4.4 Slot 6

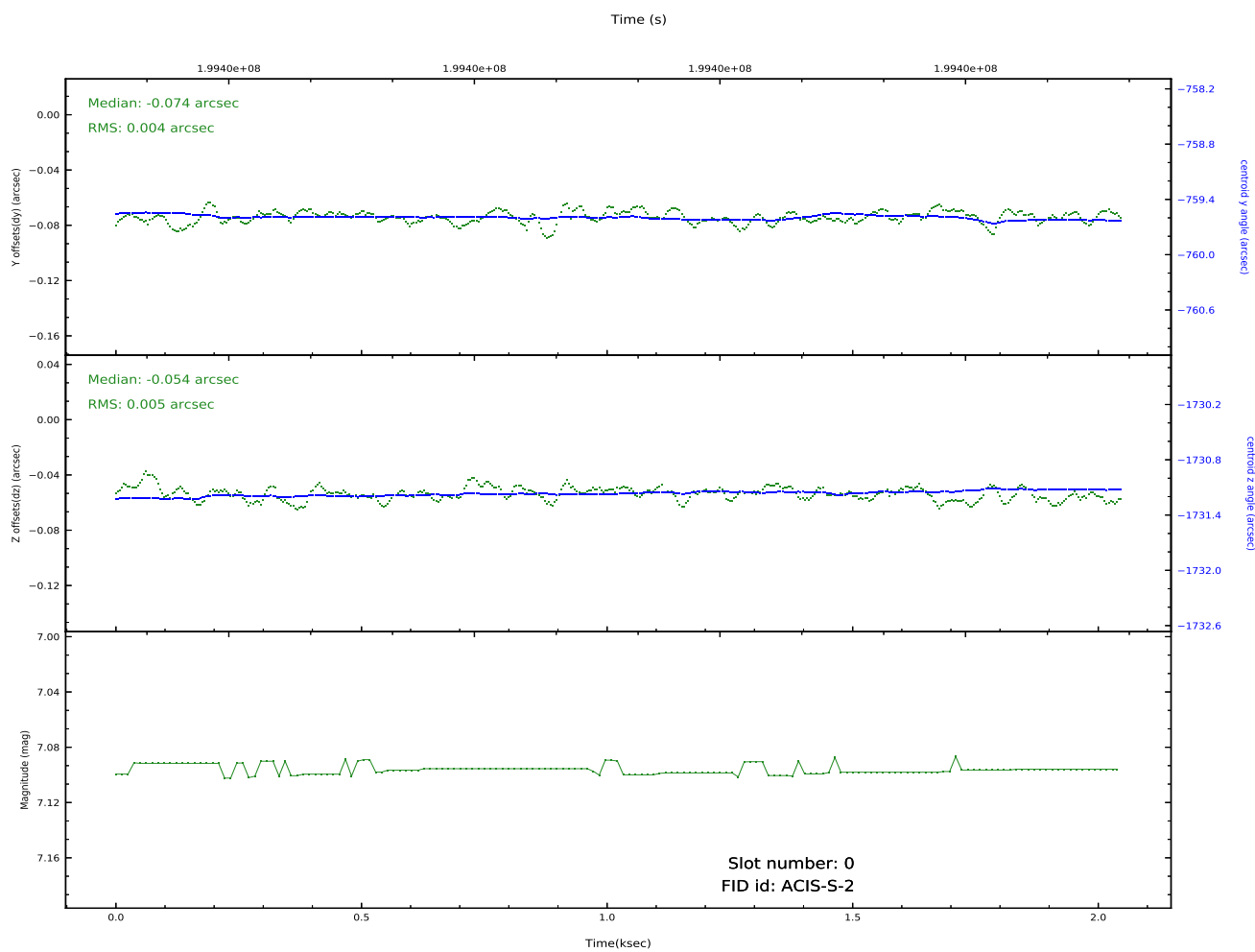
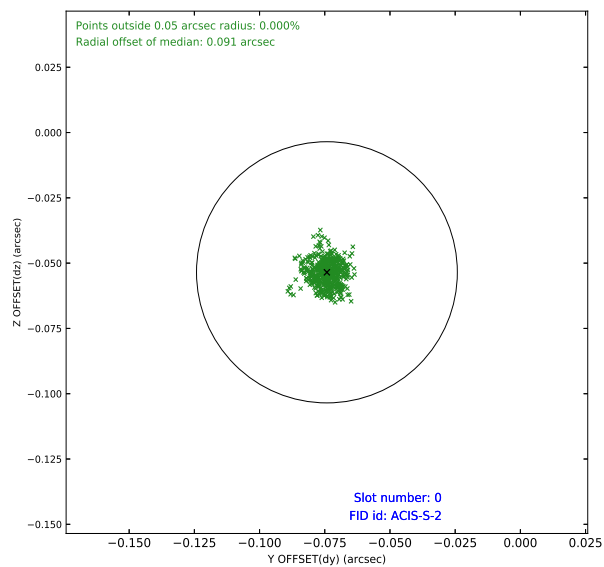
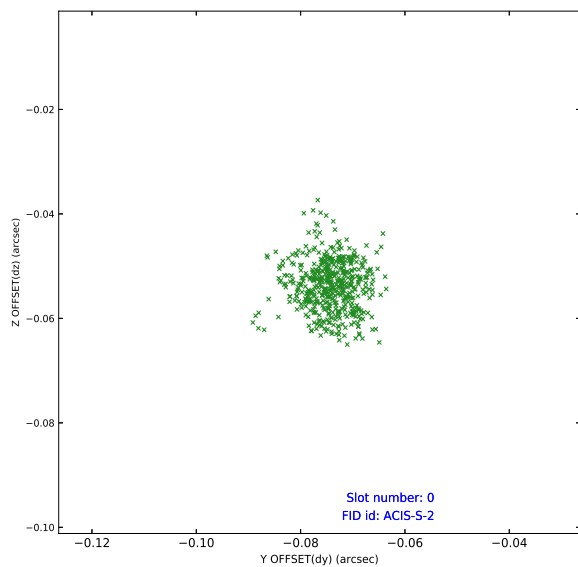


2.4.5 Slot 7

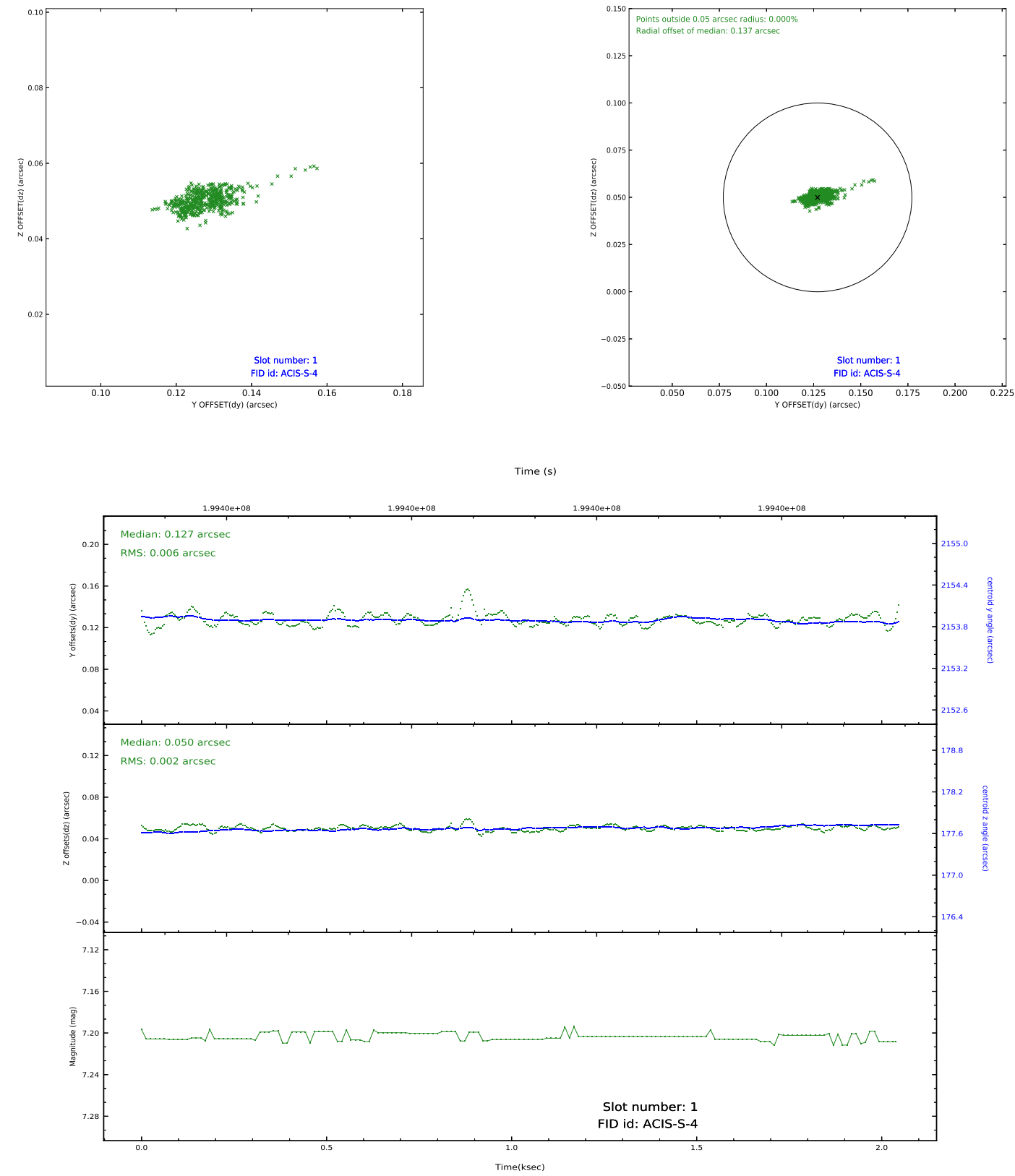


2.5 FID Slots

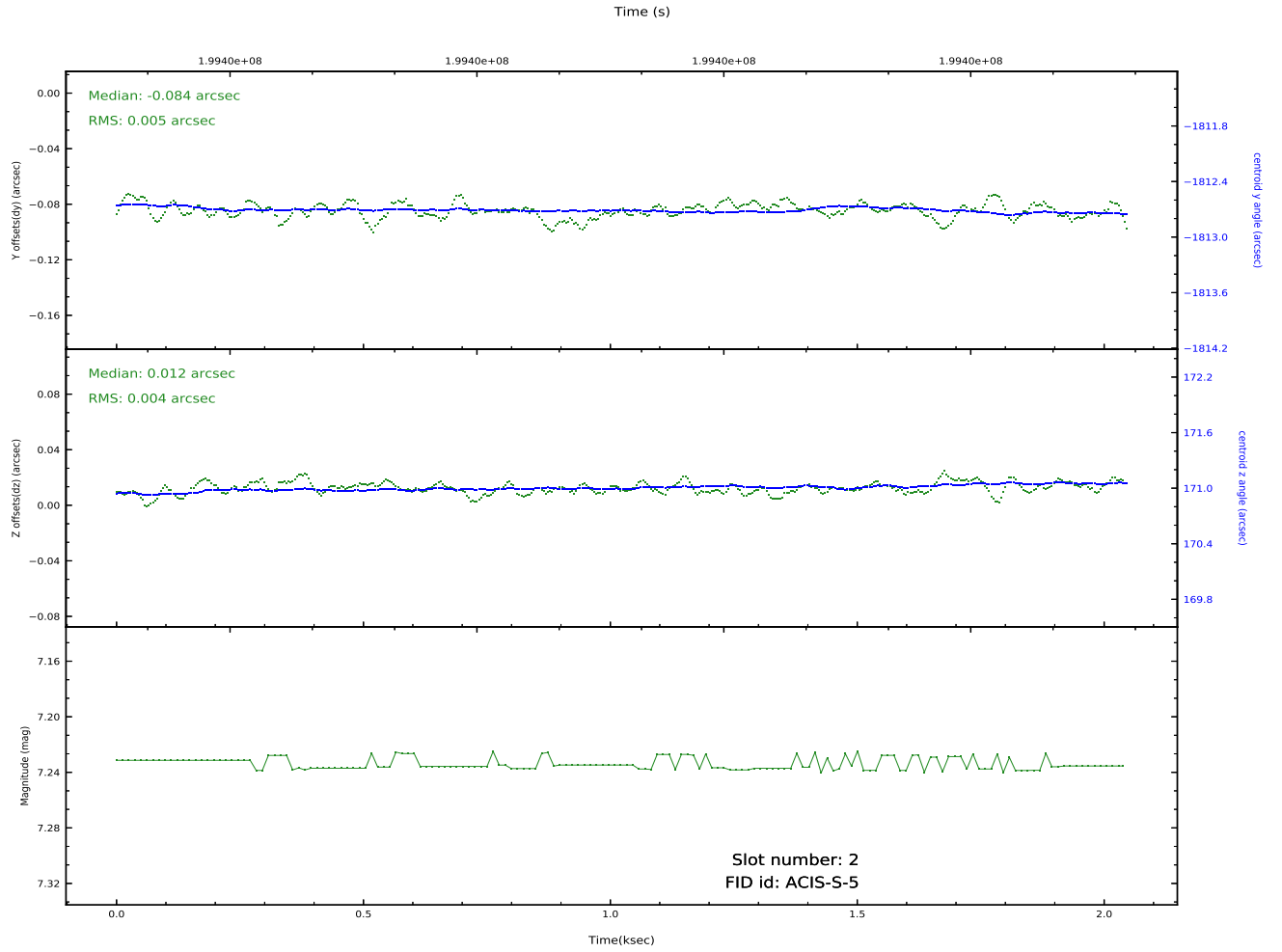
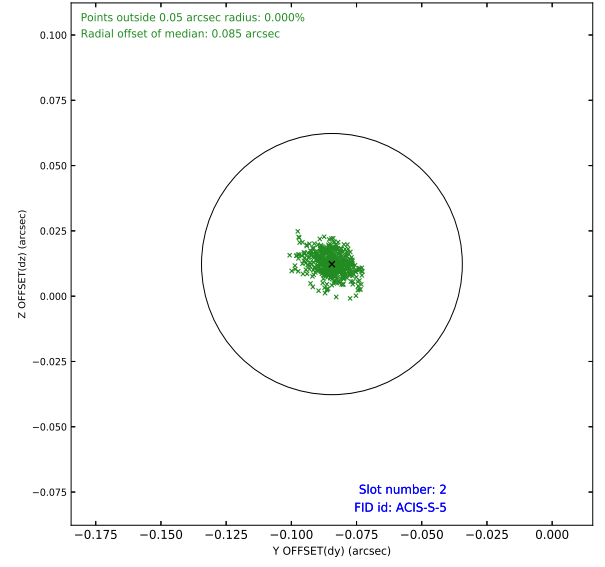
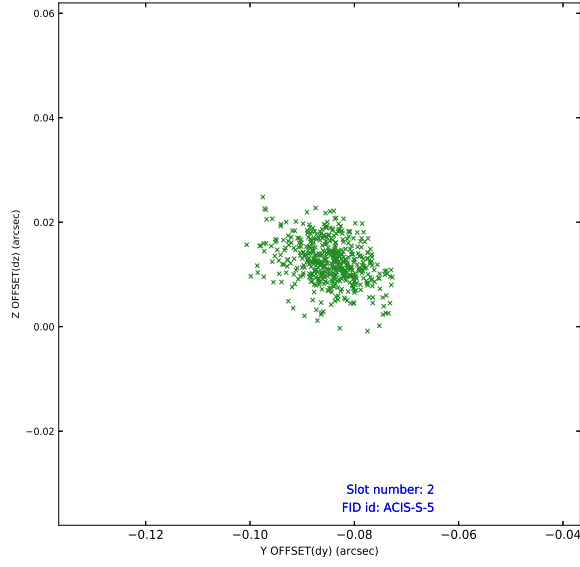
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2020.09.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.046

A.2 Comments