

V&V Reference Report

L2 ASCDS Version : 10.9.1

Observation 4791 - L2 Version 5
Chandra X-Ray Center

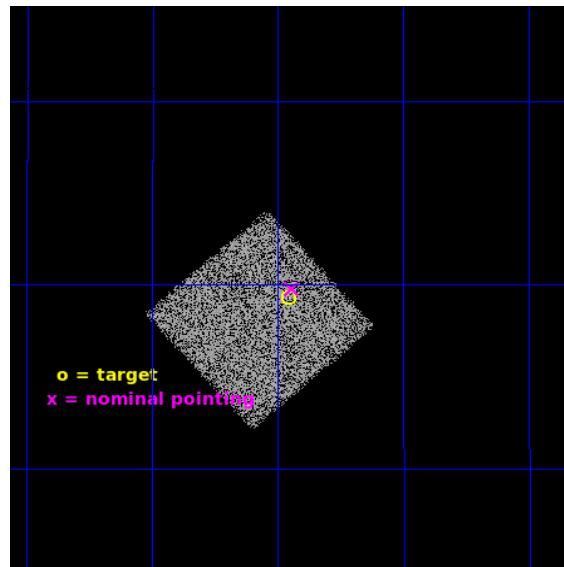
L2 Processing Date : Sep 24 2020

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1 Front

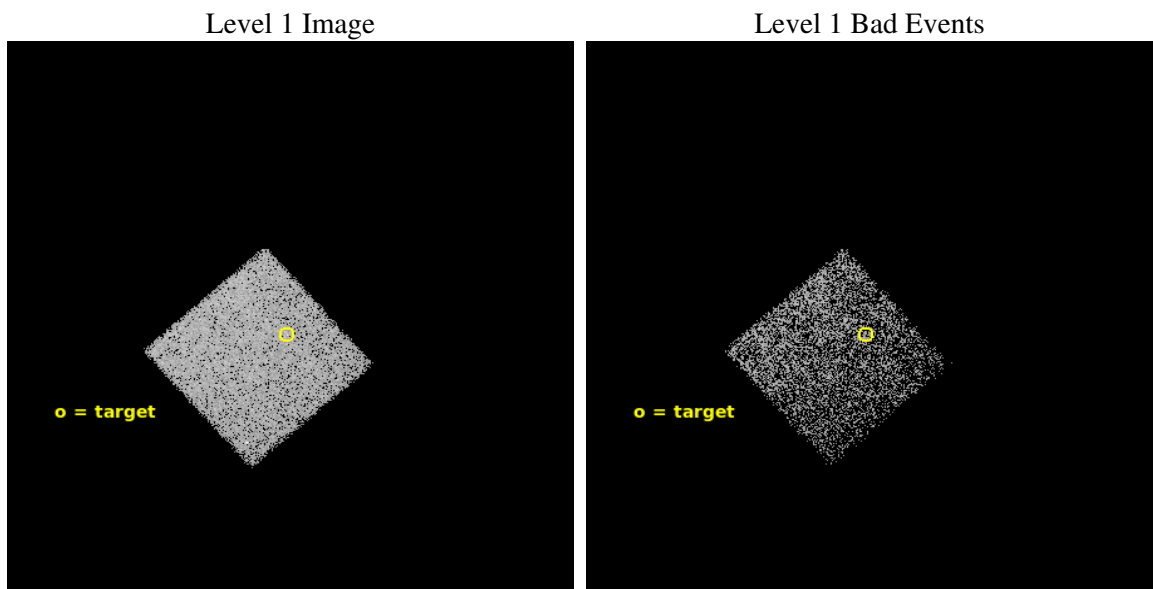
seq_num	700874	Sequence number
obs_id	4791	Observation id
title	Anchoring the AGN X-ray Luminosity Function	Proposal title
observer	Dr. JOHN SALZER	Principal investigator
object	KISS F1520-3904	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	230.489167	Observer's specified target RA [deg]
dec_targ	28.988306	Observer's specified target Dec [deg]
ra_nom	230.48604583563	Nominal RA [deg]
dec_nom	28.996701741734	Nominal Dec [deg]
roll_nom	138.42494229071	Nominal Roll [deg]
revision	5	Processing version of data
ontime	4640.835680753	Sum of GTIs [s]
livetime	4578.2058250661	Livetime [s]
ontime7	4640.835680753	Sum of GTIs [s]
l2events	19248	Number of level 2 events



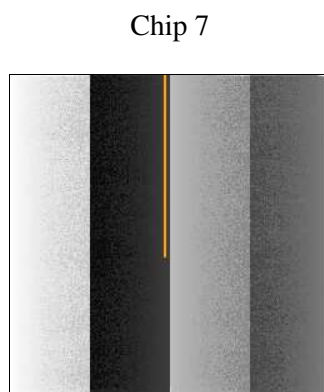
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	4000.000000	[s] Scheduled observation exposure time
ascdsver	10.9.1	Processing system revision	ontime	4640.835680753	Sum of GTIs [s]
caldsver	4.9.2	 	ontime7	4640.835680753	Sum of GTIs [s]
date	2020-09-25T01:50:12	Date and time of file creation	l1events	45817	Number of level 1 events
revision	5	Processing version of data			

2.1.4 Events

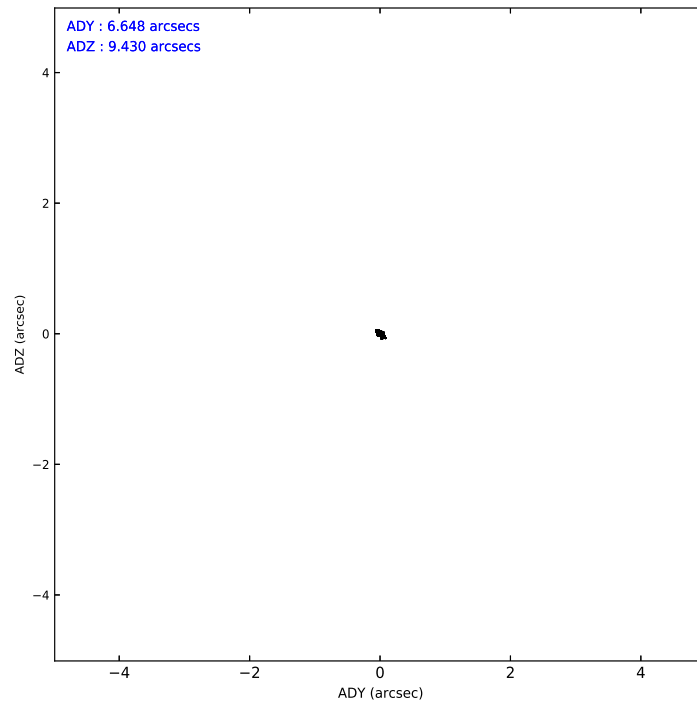
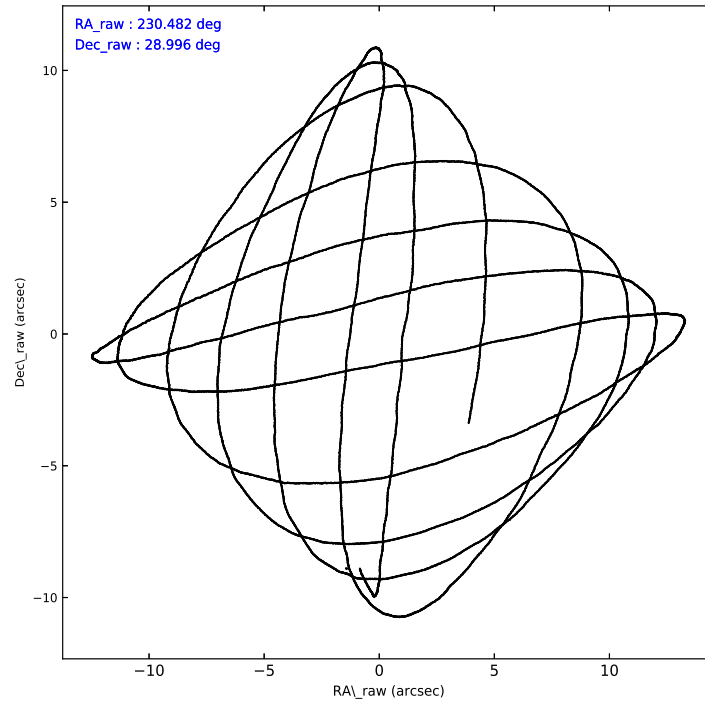
	ccd 7
level 1 events	45817
rejected events	25988
rejected %	56%

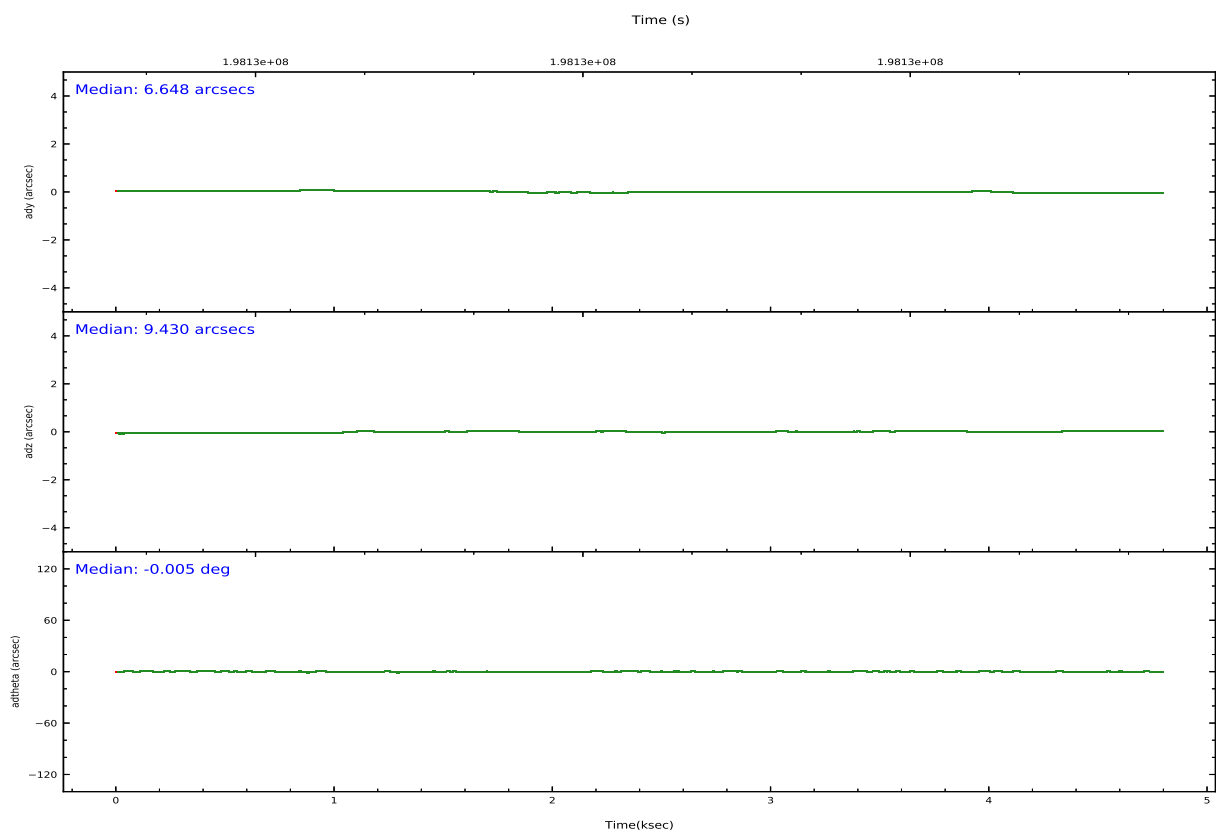
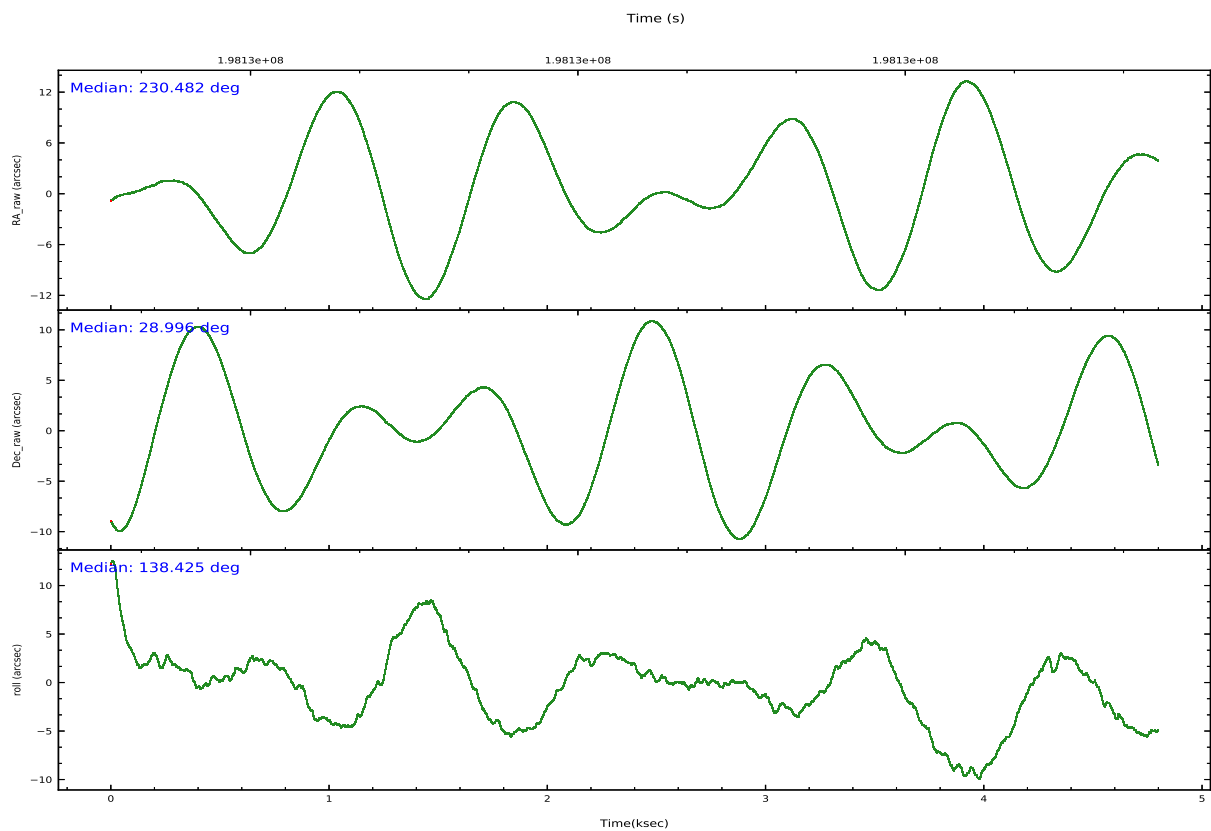
	ccd 7
grade 0 events	2028
	4%
grade 1 events	70
	0%
grade 2 events	4264
	9%
grade 3 events	1920
	4%
grade 4 events	1826
	3%
grade 5 events	4296
	9%
grade 6 events	9816
	21%
grade 7 events	21597
	47%

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	230.512888	230.48604583563	Subarray requested	NONE	NONE
[deg] Pointing Dec	28.990783	28.996701741734	Alternating exposures requested	N	N
[deg] Pointing Roll	138.250484	138.42494229071	[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	-190.1400660498719			
[mm] SIM translation stage offset	0	0.00754346686406393			
[s] Observation start time (MET)	198128659.184000	198127392.2717			
Observation start date	2004-04-12T03:43:15	2004-04-12T03:23:12			
[s] Observation end time (MET)	198132659.184000	198134350.48451			
Observation end date	2004-04-12T04:49:55	2004-04-12T05:19:10			
Read mode	TIMED	TIMED			

2.3 Aspect



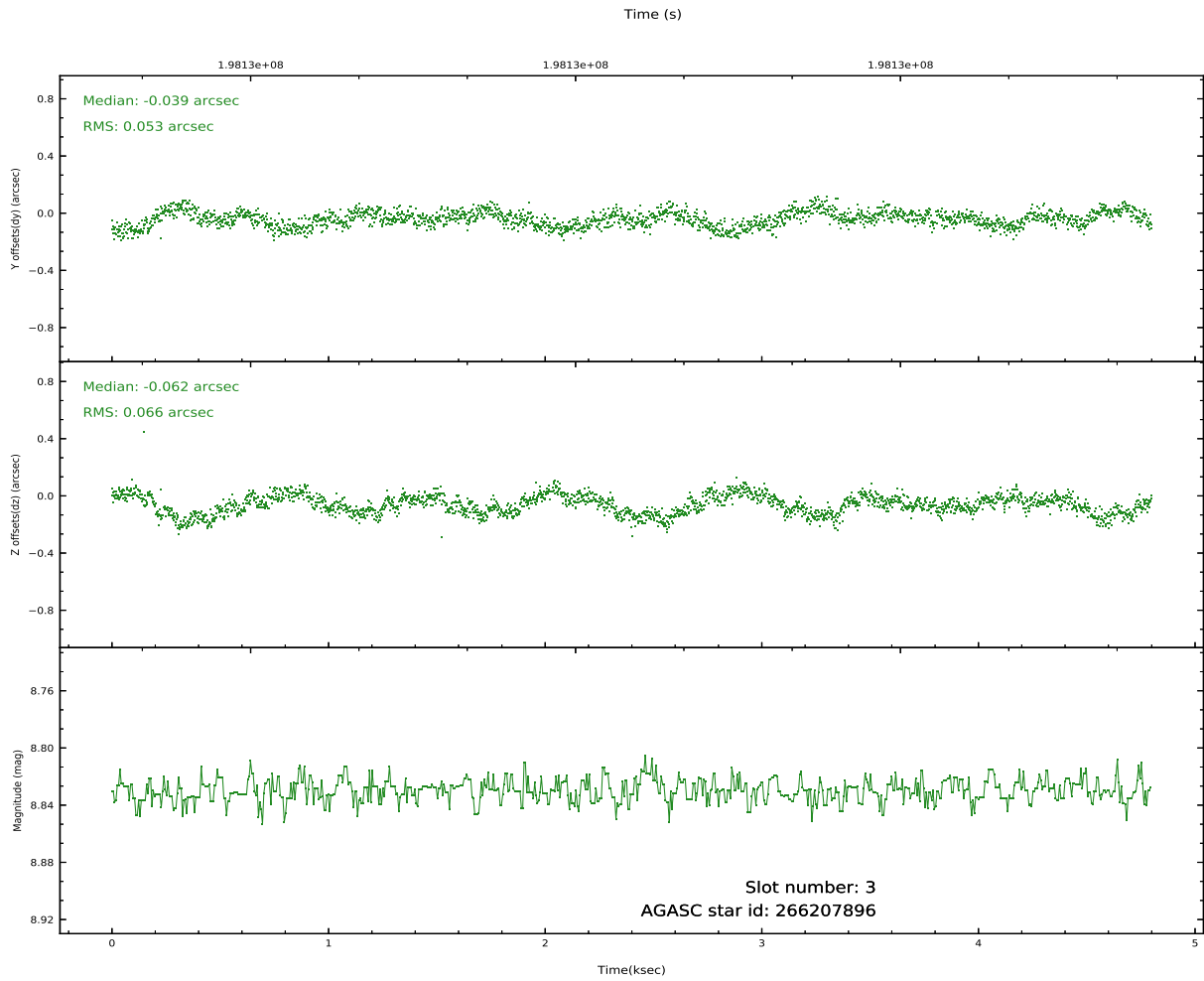
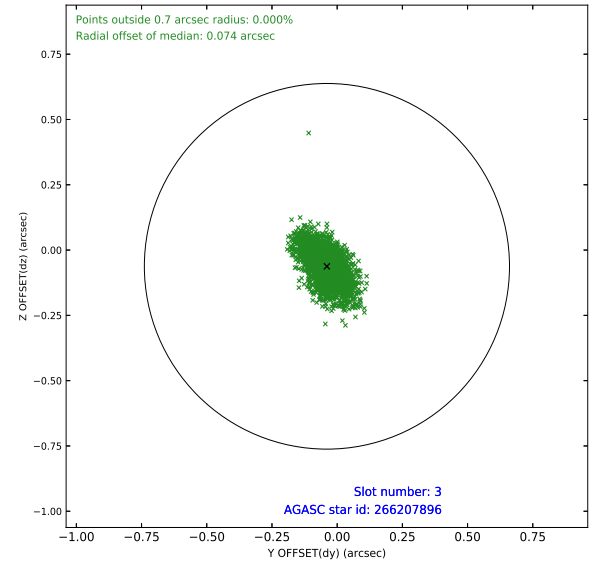
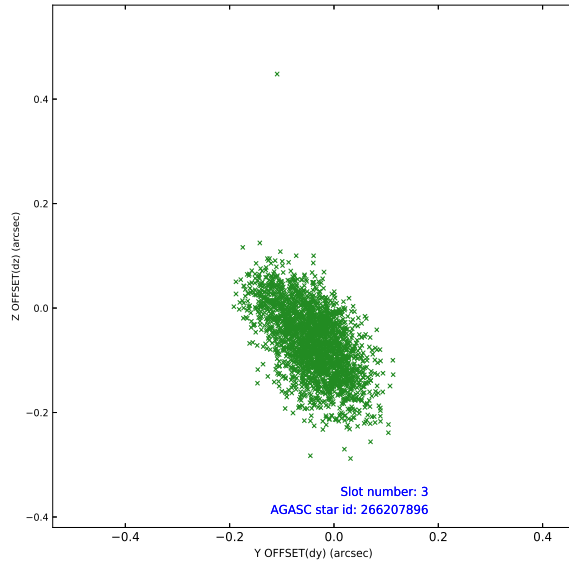


Slot Statistics

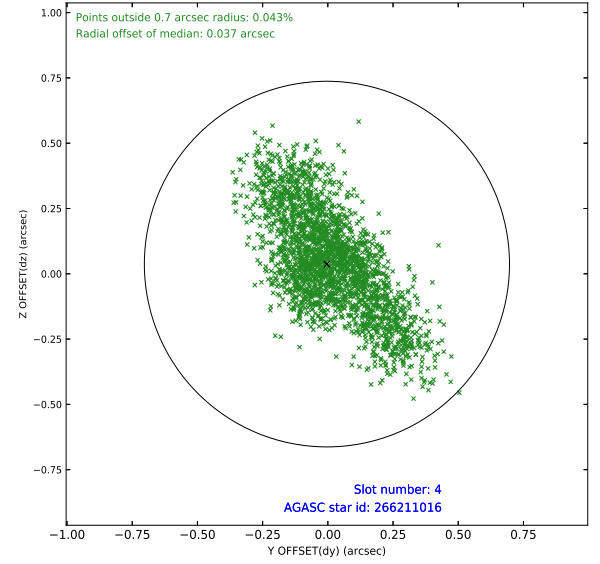
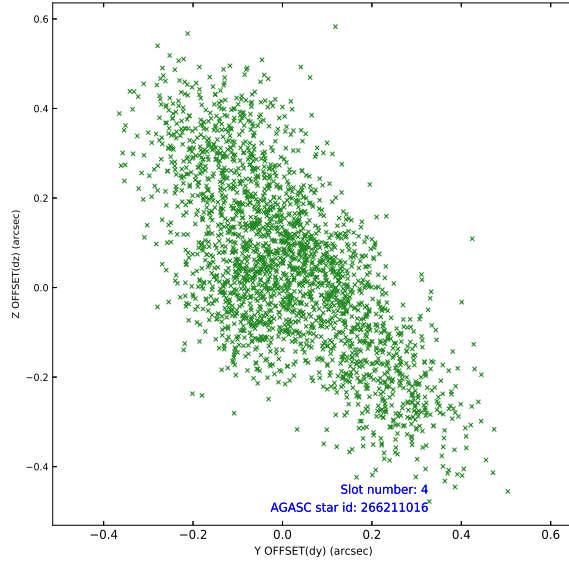
pt	status	used	id	mag	n_pts	frac_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mea
0	FID		ACIS-S-2	7.10	1171	1.000	-0.078	-0.065	0.007	0.011	0.000000	0.000000	-759.43	-1730
1	FID		ACIS-S-4	7.20	1171	1.000	0.133	0.055	0.006	0.012	0.000000	0.000000	2153.44	176
2	FID		ACIS-S-5	7.23	1171	1.000	-0.085	0.018	0.007	0.011	0.000000	0.000000	-1810.68	171
3	GUIDE	used	266207896	8.83	2340	1.000	-0.039	-0.062	0.089	0.151	230.079718	29.264262	1672.36	169
4	GUIDE	used	266211016	10.31	2332	1.000	-0.003	0.037	0.263	0.450	230.541241	29.261947	584.25	-787
5	GUIDE	used	266211432	9.81	2341	1.000	-0.022	-0.055	0.105	0.172	230.664611	28.567589	-1371.94	816
6	GUIDE	used	266215928	8.26	2341	1.000	0.037	0.079	0.089	0.151	231.261301	29.146197	-1378.50	-1989
7	GUIDE	used	266216280	9.11	2339	1.000	0.017	-0.003	0.088	0.155	230.814626	29.031614	-610.17	-743

2.4 Star Slots

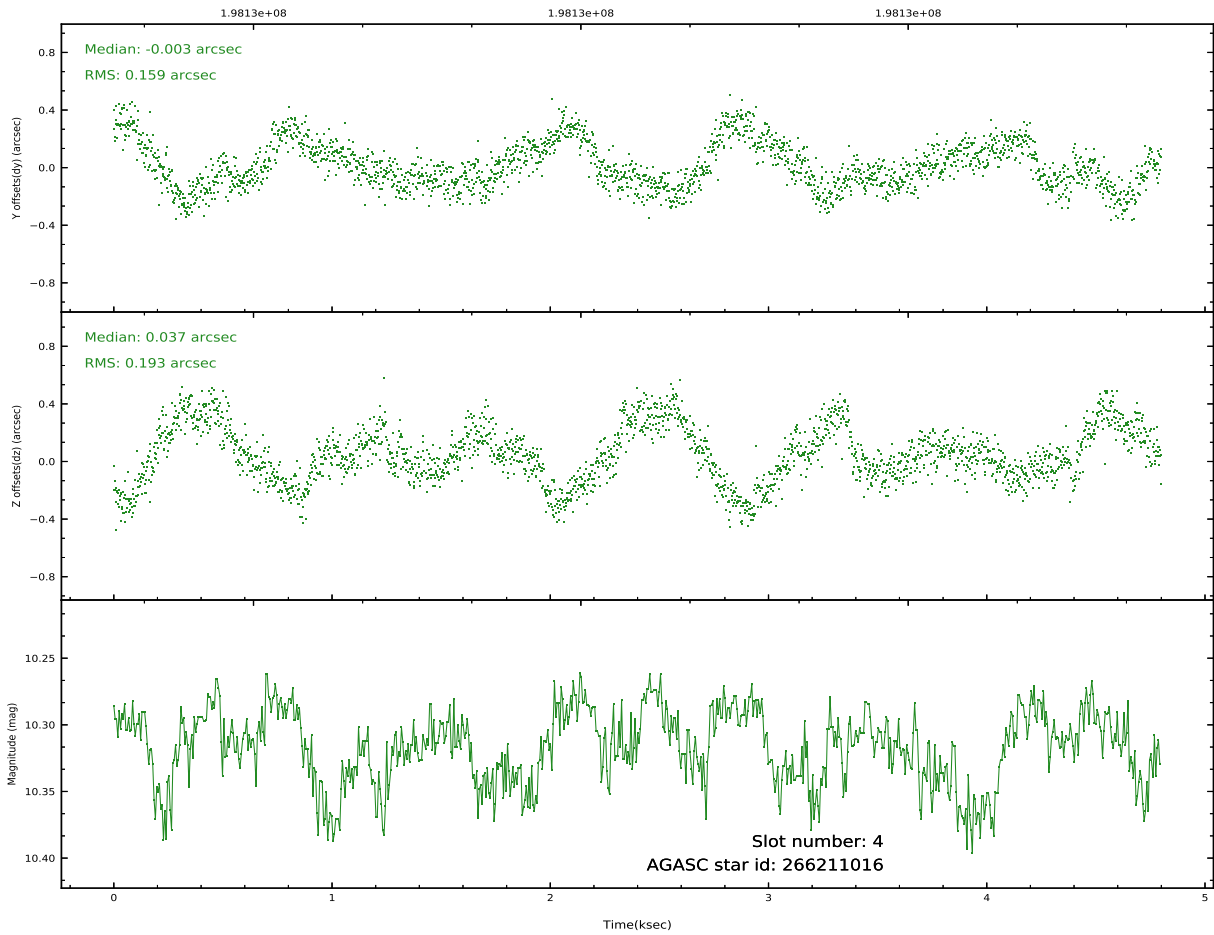
2.4.1 Slot 3



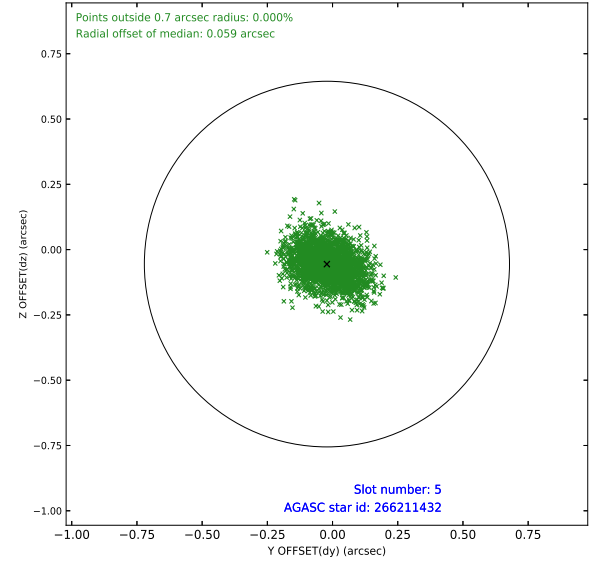
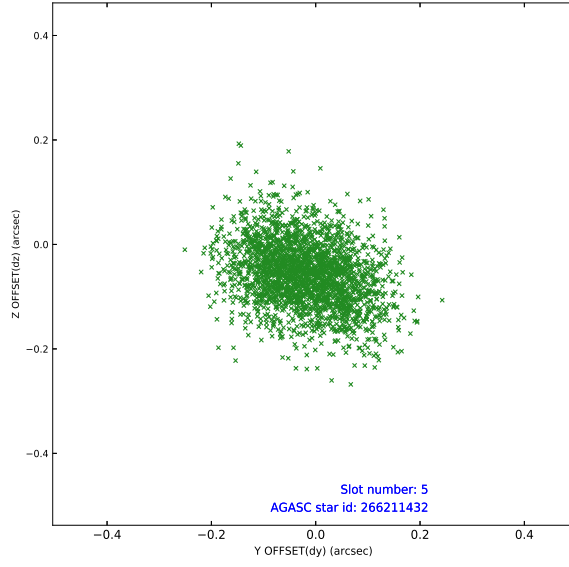
2.4.2 Slot 4



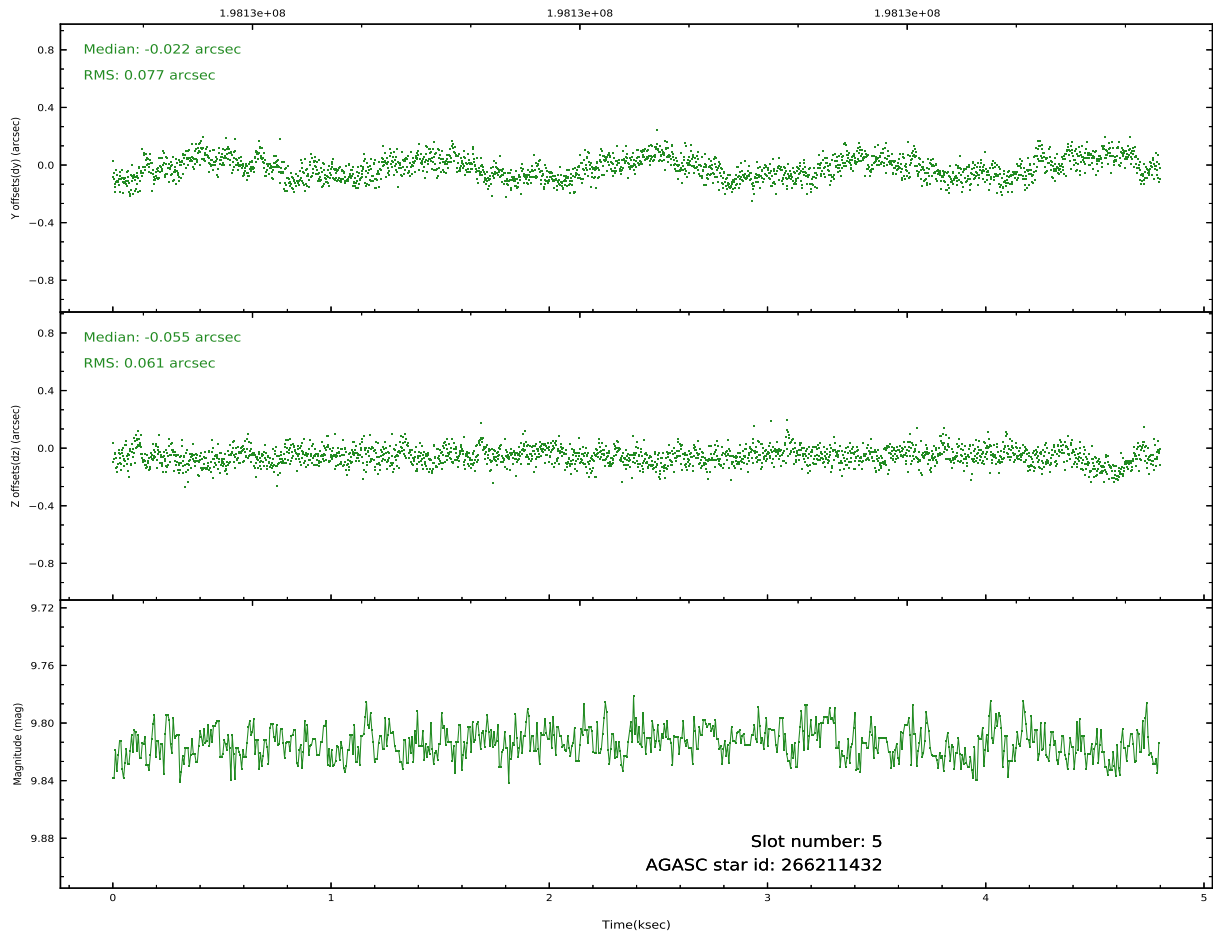
Time (s)



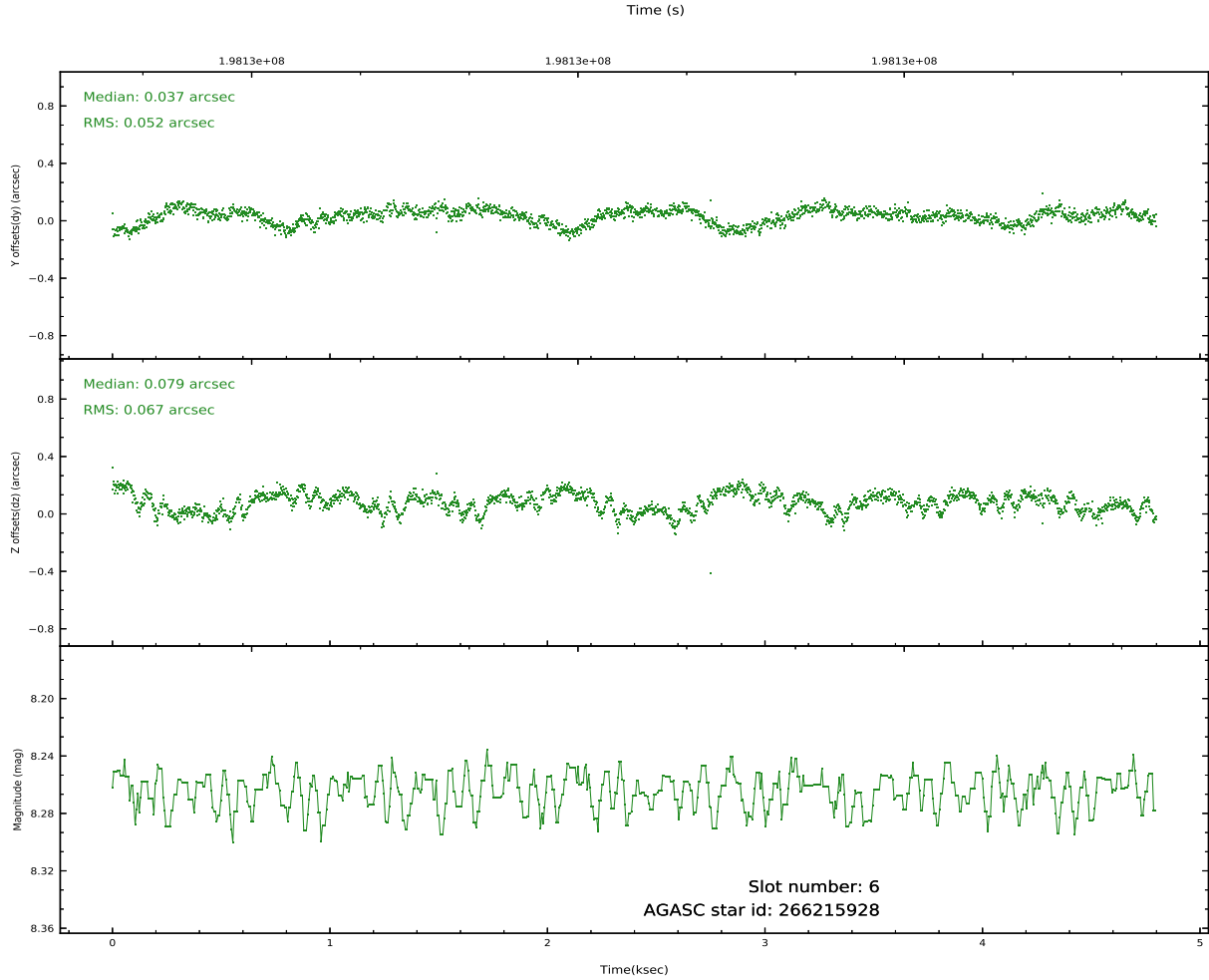
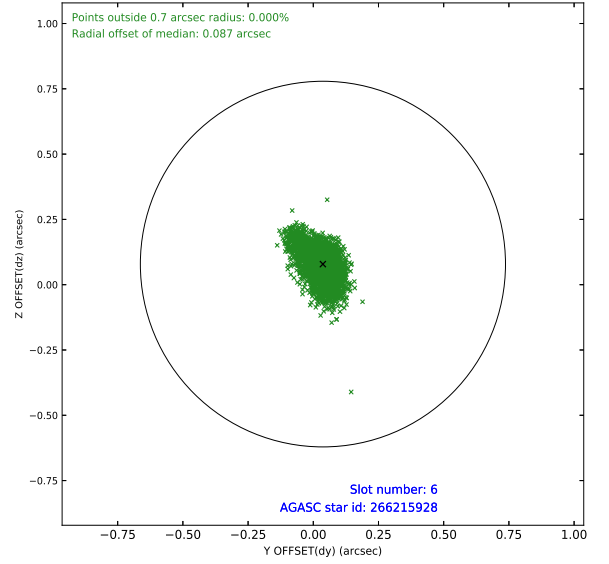
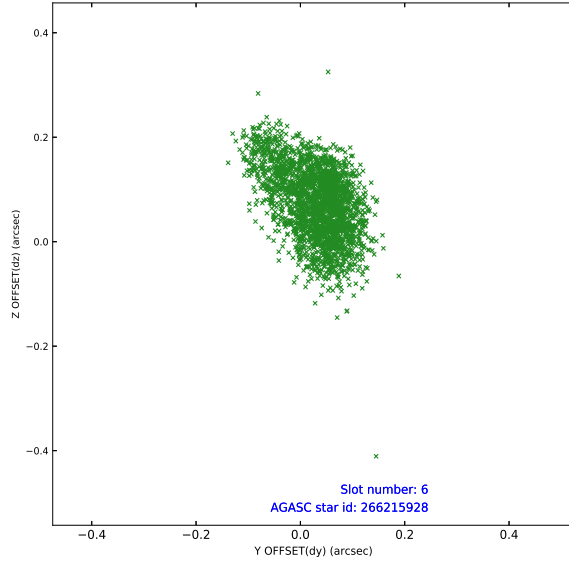
2.4.3 Slot 5



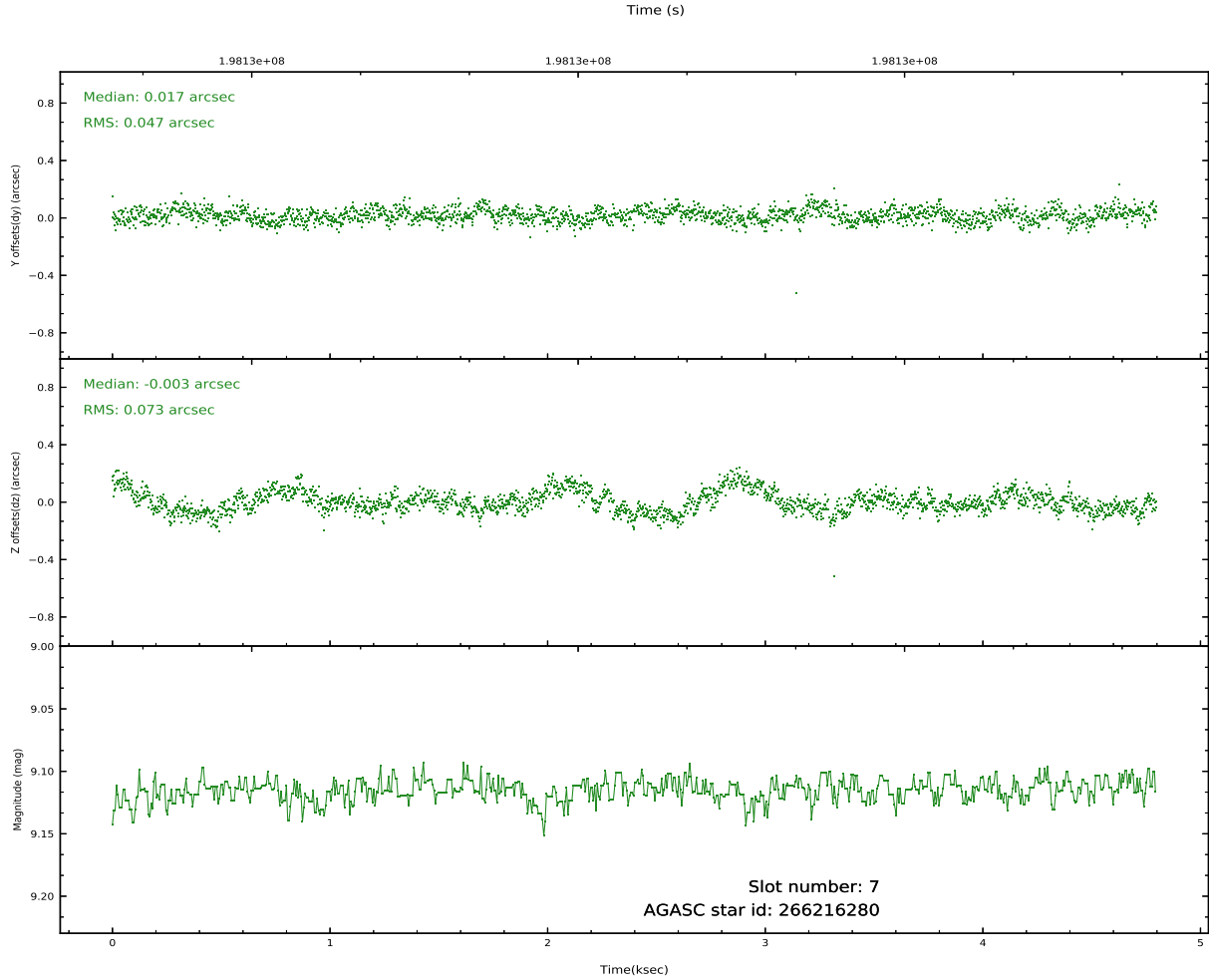
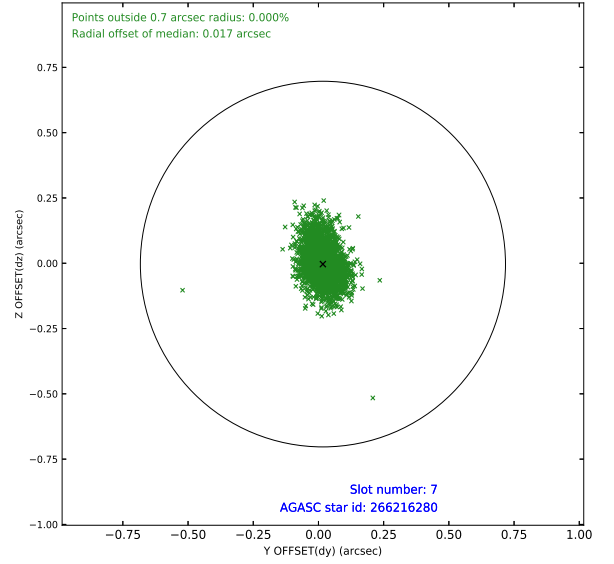
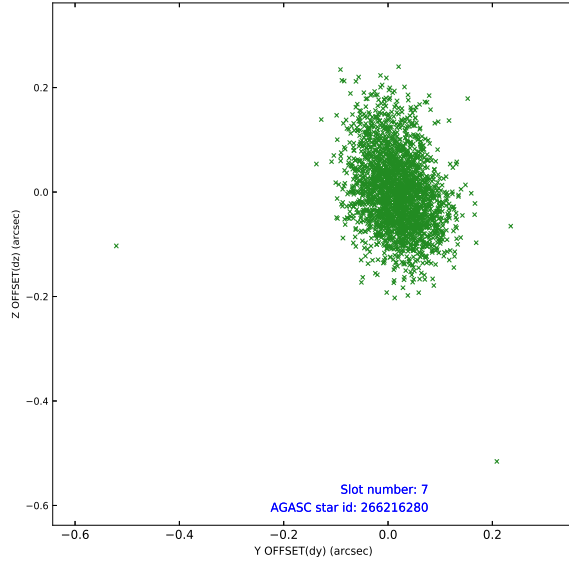
Time (s)



2.4.4 Slot 6

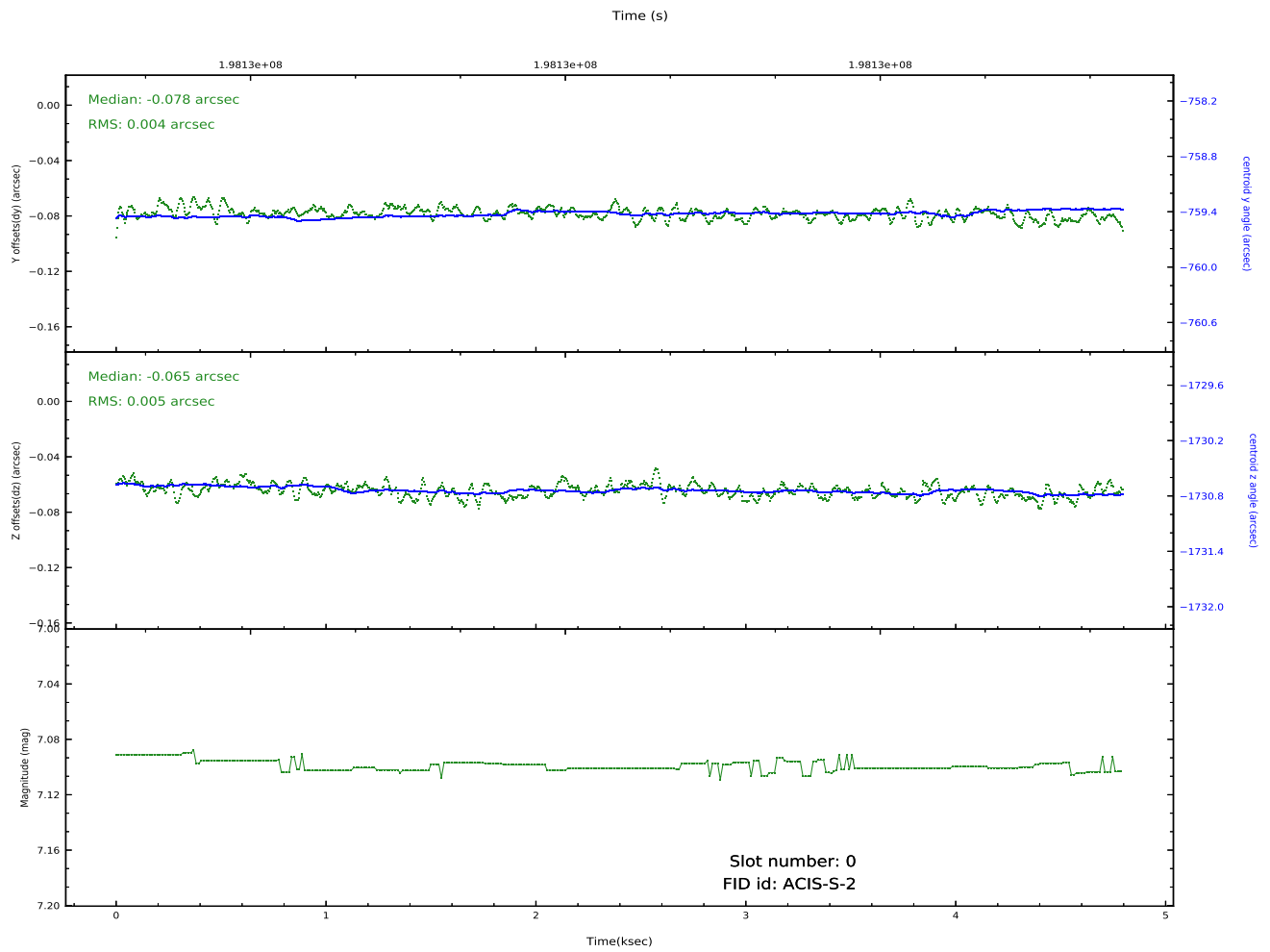
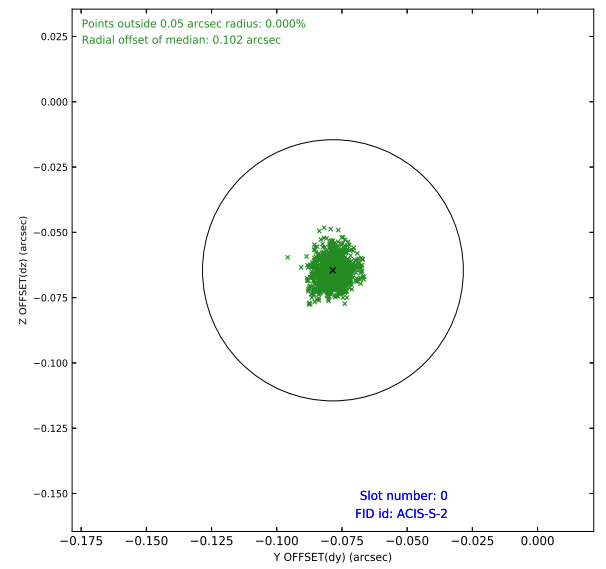
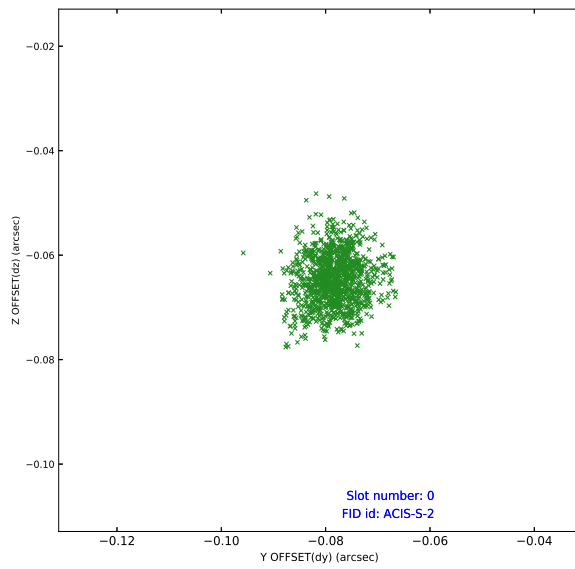


2.4.5 Slot 7

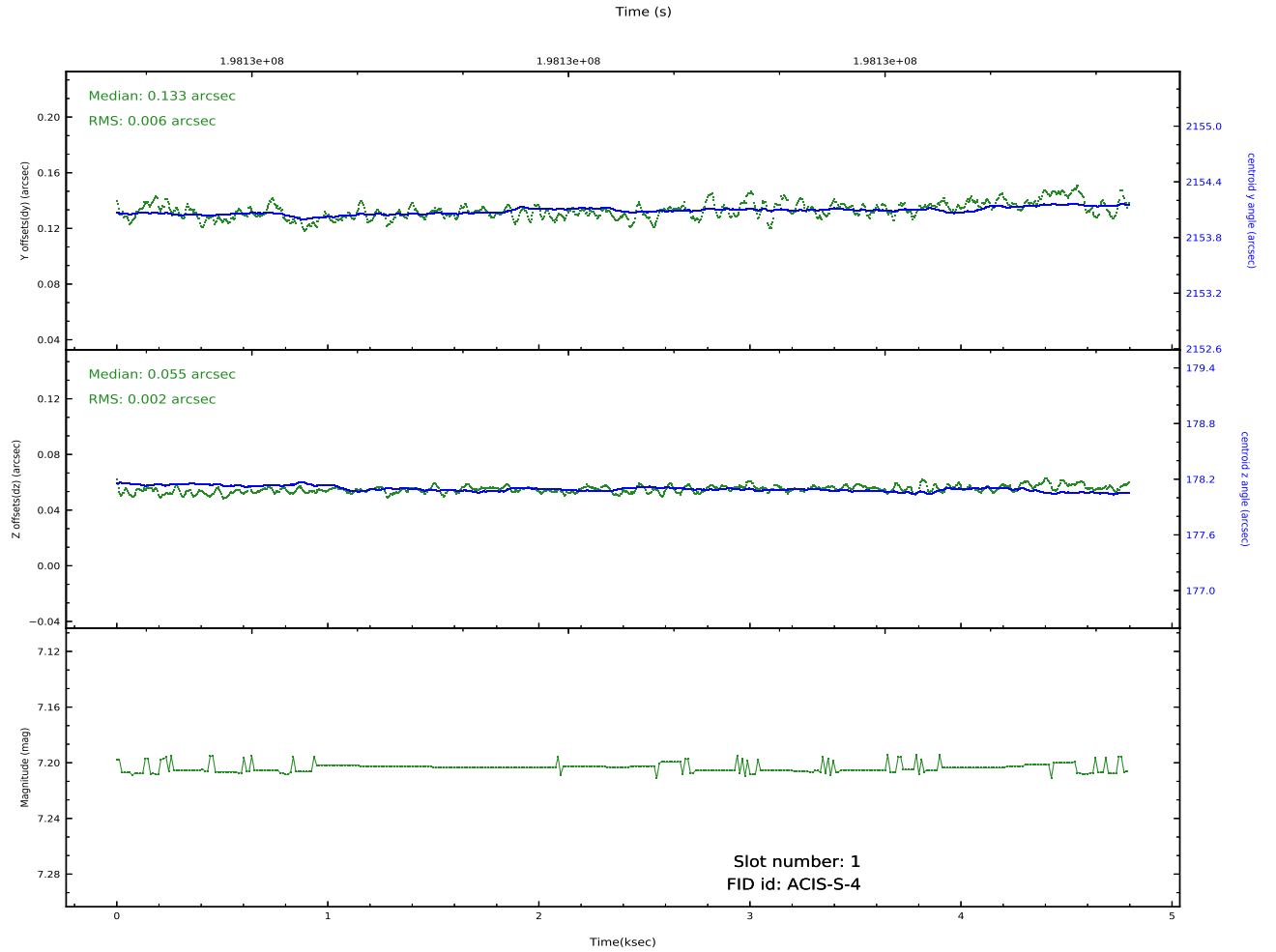
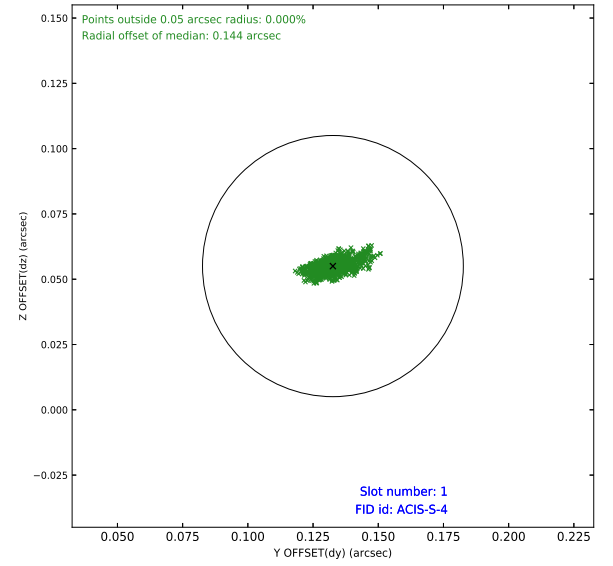
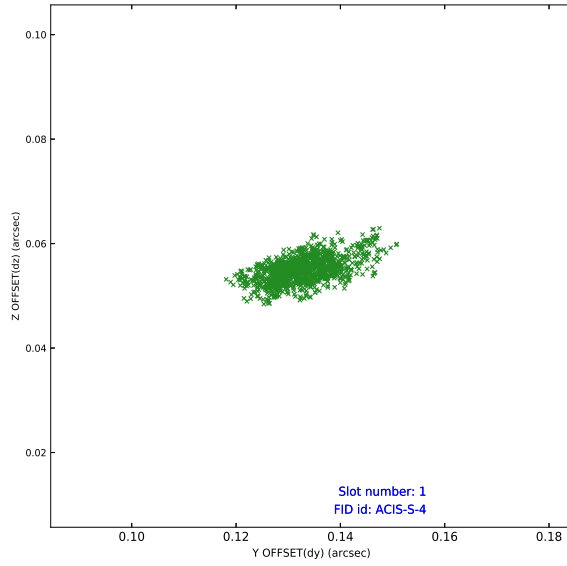


2.5 FID Slots

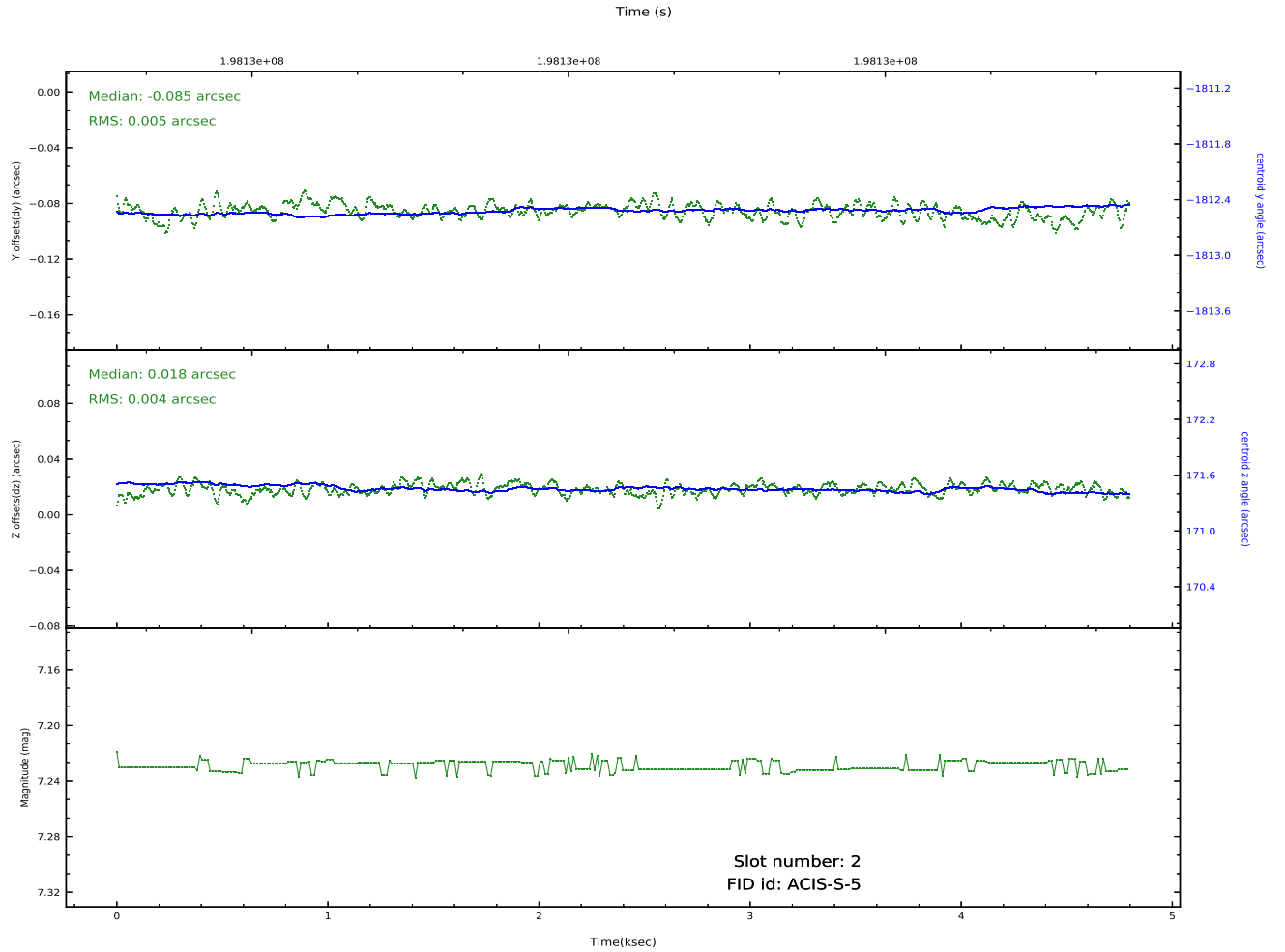
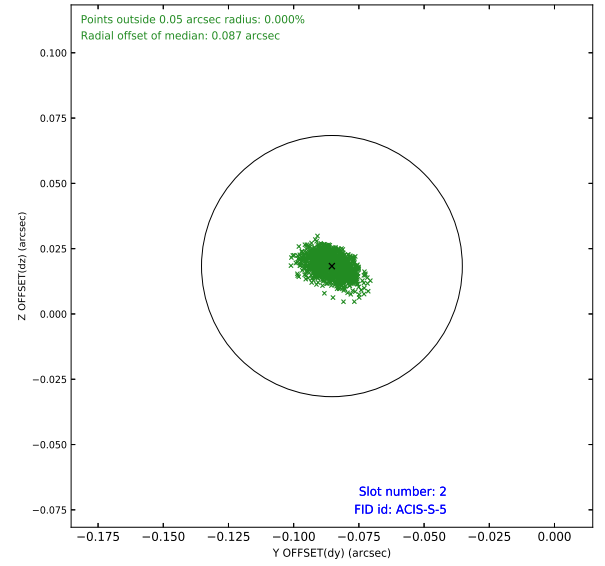
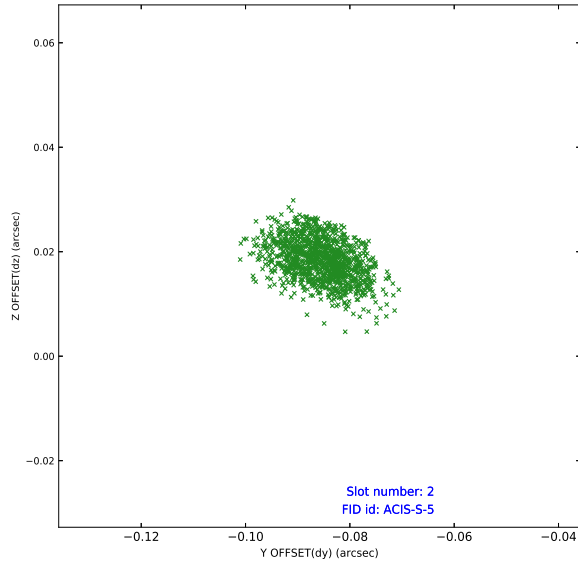
2.5.1 Slot 0



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)	2020.09.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.641

A.2 Comments