

V&V Reference Report

L2 ASCDS Version : 10.9.1

Observation 4773 - L2 Version 4
Chandra X-Ray Center

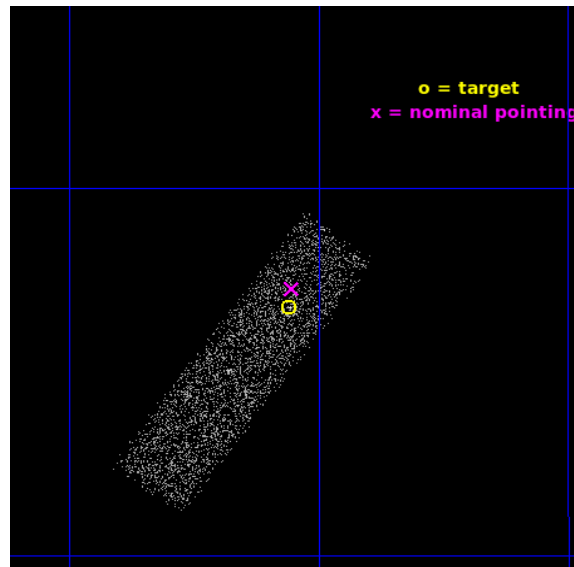
L2 Processing Date : Sep 23 2020

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1 Front

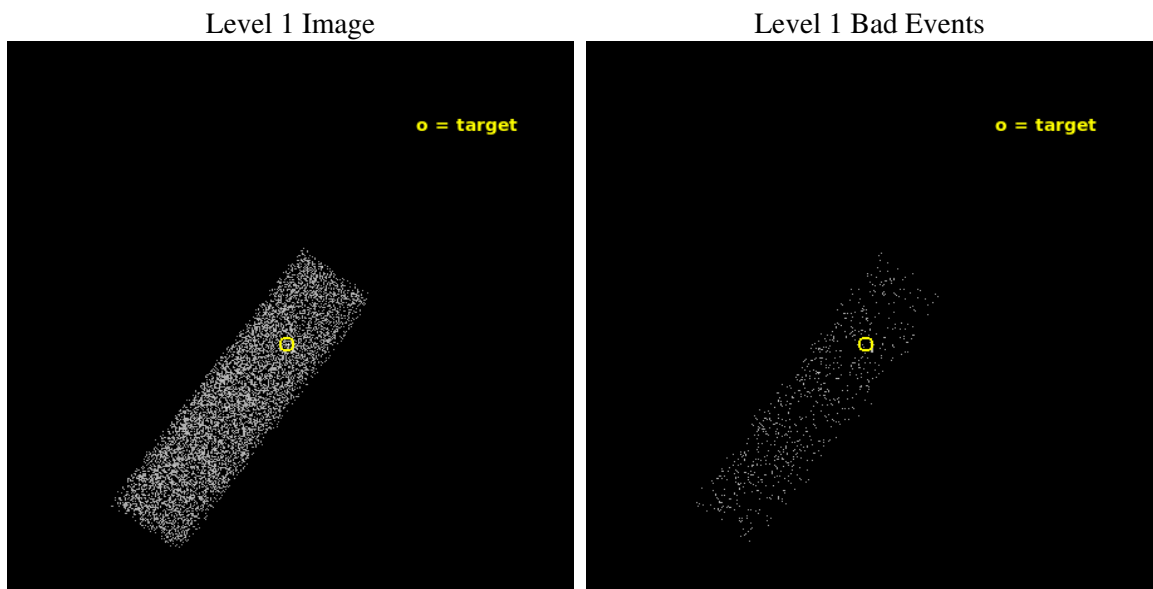
seq_num	700856	Sequence number
obs_id	4773	Observation id
title	Anchoring the AGN X-ray Luminosity Function	Proposal title
observer	Dr. JOHN SALZER	Principal investigator
object	KISS F1225-1225	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	187.264583	Observer's specified target RA [deg]
dec_targ	29.779472	Observer's specified target Dec [deg]
ra_nom	187.26335190353	Nominal RA [deg]
dec_nom	29.787888666135	Nominal Dec [deg]
roll_nom	126.1176921157	Nominal Roll [deg]
revision	4	Processing version of data
ontime	4181.6000623107	Sum of GTIs [s]
livetime	3977.5516620477	Livetime [s]
ontime7	4181.6000623107	Sum of GTIs [s]
l2events	4136	Number of level 2 events



2 OBI

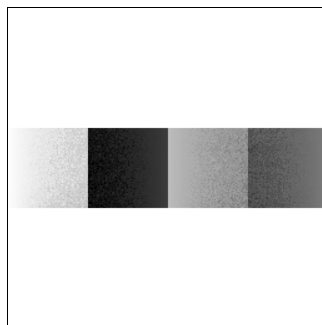
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	4000.000000	[s] Scheduled observation exposure time
ascdsver	10.9.1	Processing system revision	ontime	4181.6000623107	Sum of GTIs [s]
caldsver	4.9.2	 	ontime7	4181.6000623107	Sum of GTIs [s]
date	2020-09-24T01:38:20	Date and time of file creation	l1events	11625	Number of level 1 events
revision	4	Processing version of data			

2.1.4 Events

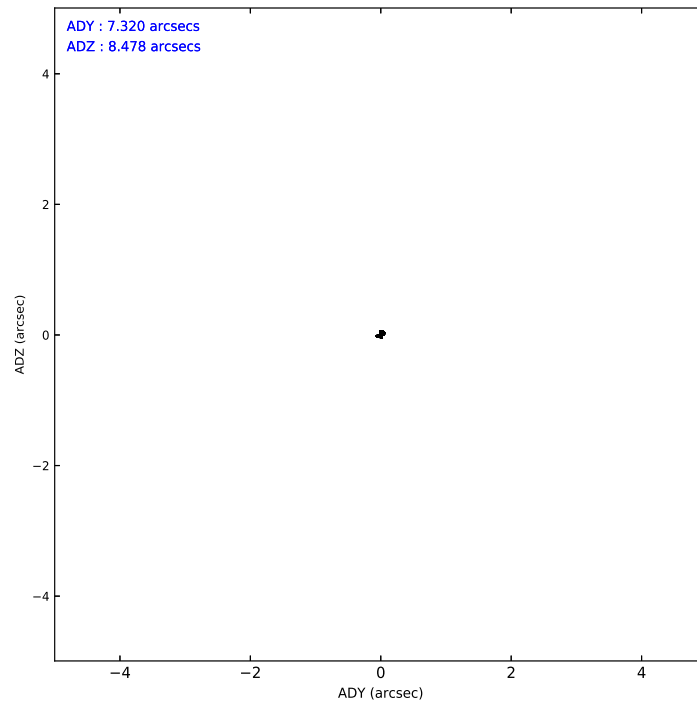
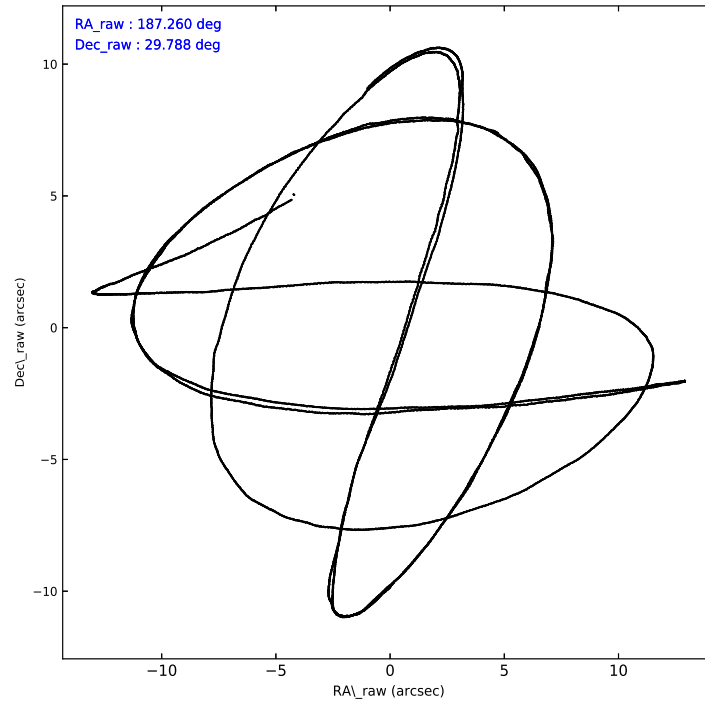
	ccd 7
level 1 events	11625
rejected events	7343
rejected %	63%

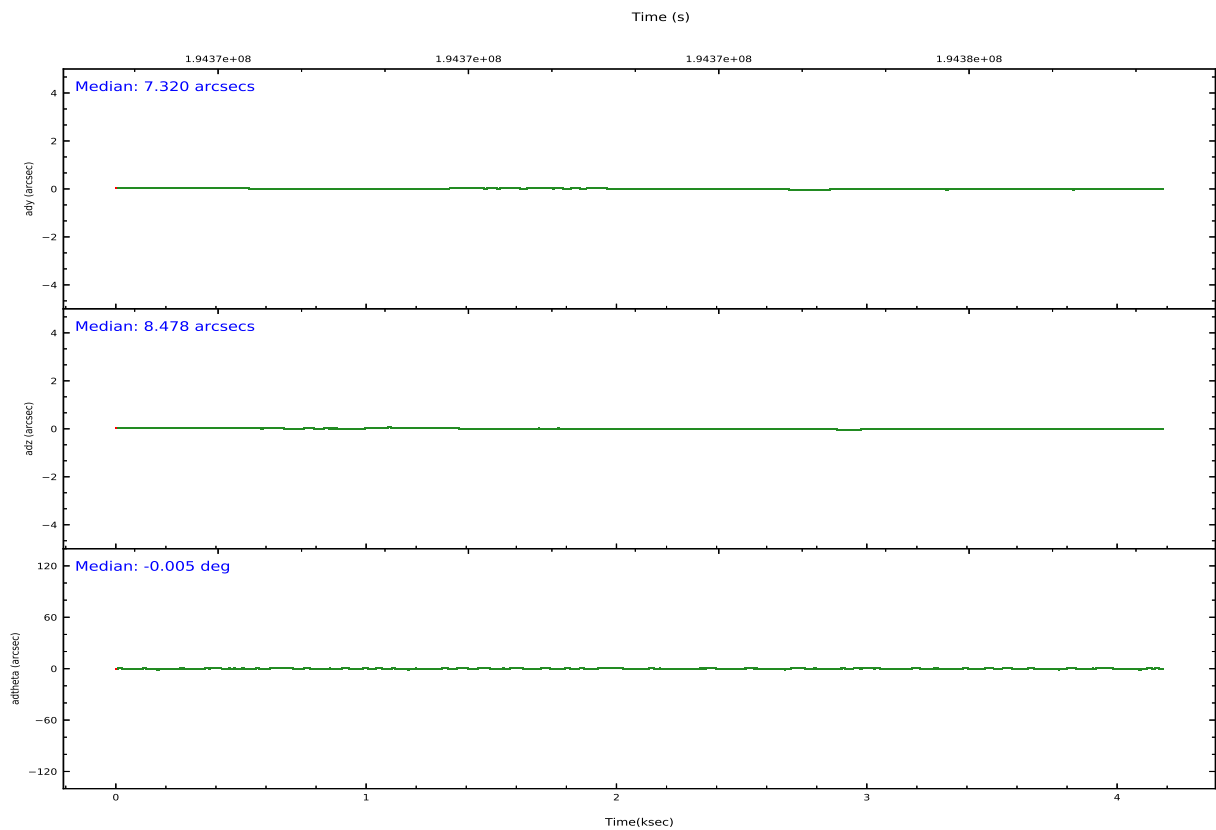
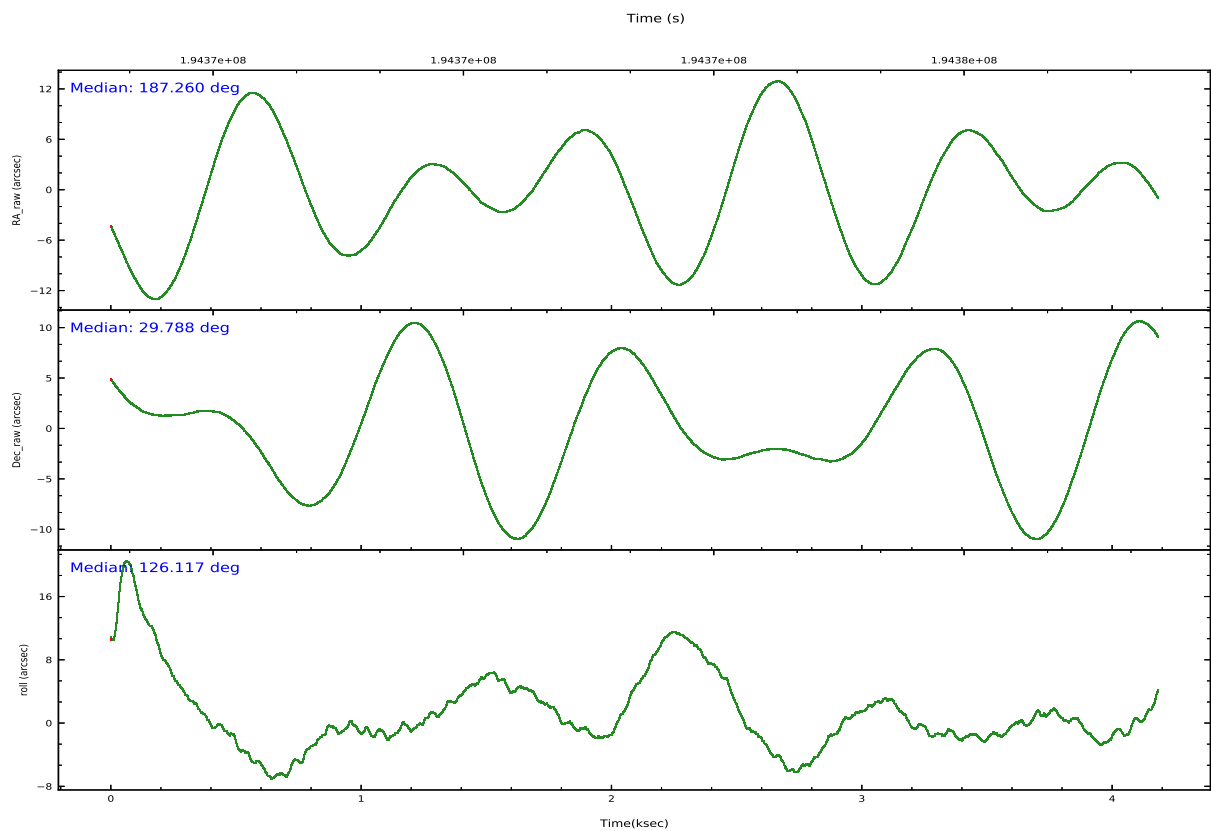
	ccd 7
grade 0 events	513
	4%
grade 1 events	14
	0%
grade 2 events	1038
	8%
grade 3 events	599
	5%
grade 4 events	555
	4%
grade 5 events	1133
	9%
grade 6 events	2508
	21%
grade 7 events	5265
	45%

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	187.288554	187.26335190353	Subarray requested	CUSTOM	1/4
[deg] Pointing Dec	29.777476	29.787888666135	Subarray start row	384	385
[deg] Pointing Roll	125.950196	126.1176921157	Subarray row count	256	256
[mm] SIM focus pos	-0.684267	-0.6828225247311905	Alternating exposures requested	N	N
[mm] SIM defocus	0	0.001444936568705701	[s] Primary exposure time	0.000000	0.8
[mm] SIM translation stage pos	-190.132523	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	194371774.184000	194370670.75675			
Observation start date	2004-02-28T16:08:30	2004-02-28T15:51:10			
[s] Observation end time (MET)	194375774.184000	194376257.5195			
Observation end date	2004-02-28T17:15:10	2004-02-28T17:24:17			
Read mode	TIMED	TIMED			

2.3 Aspect



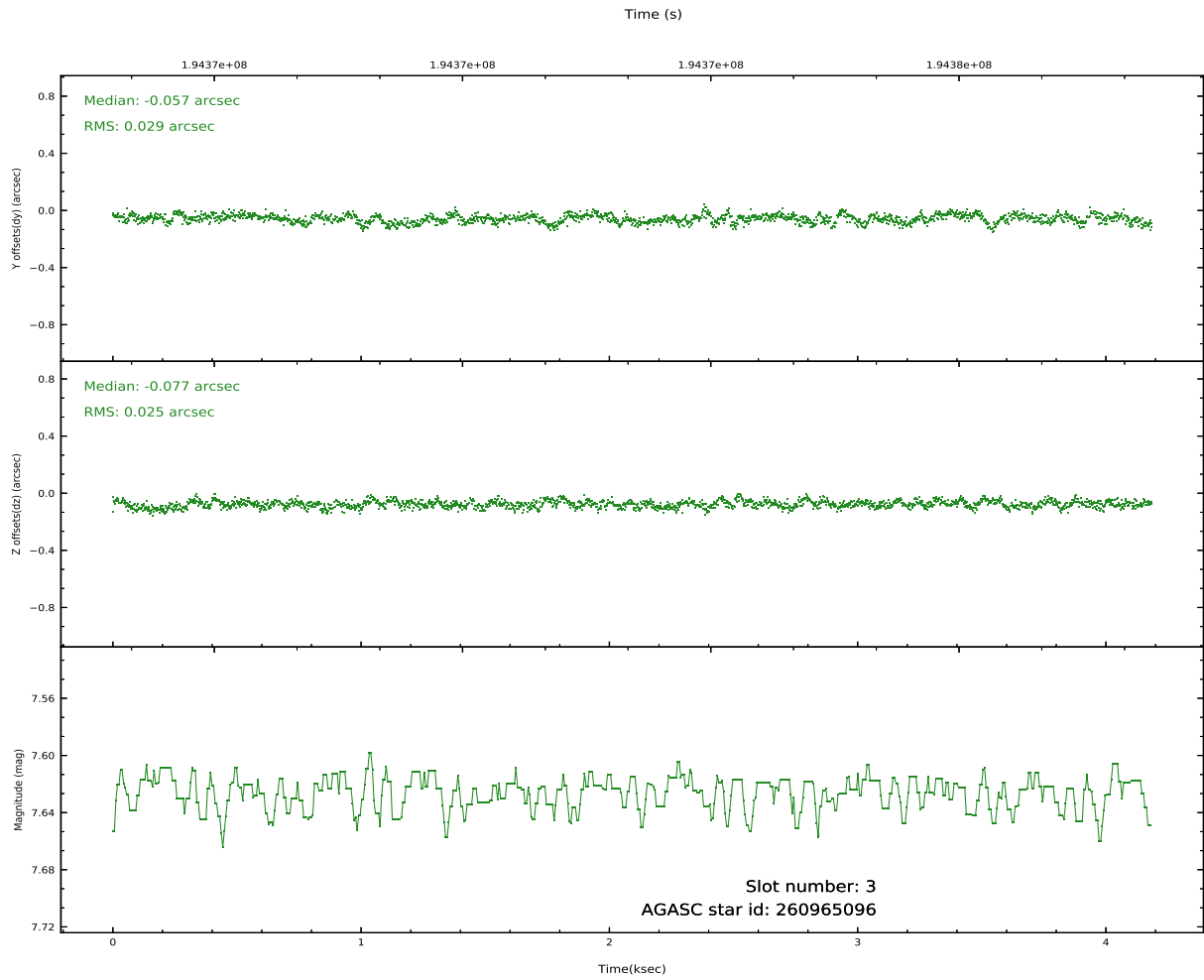
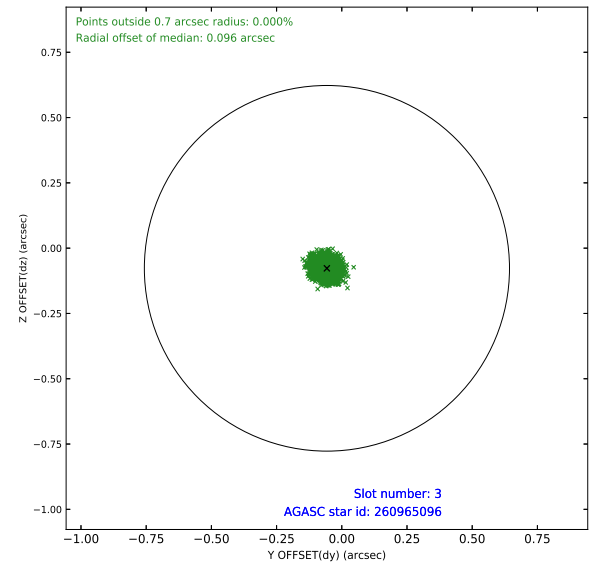
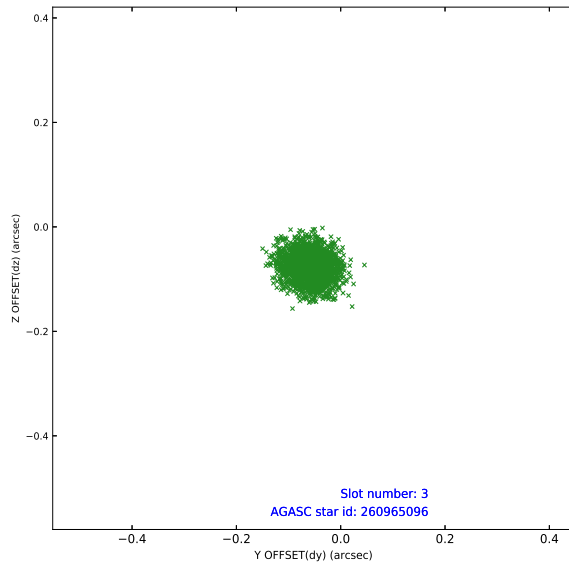


Slot Statistics

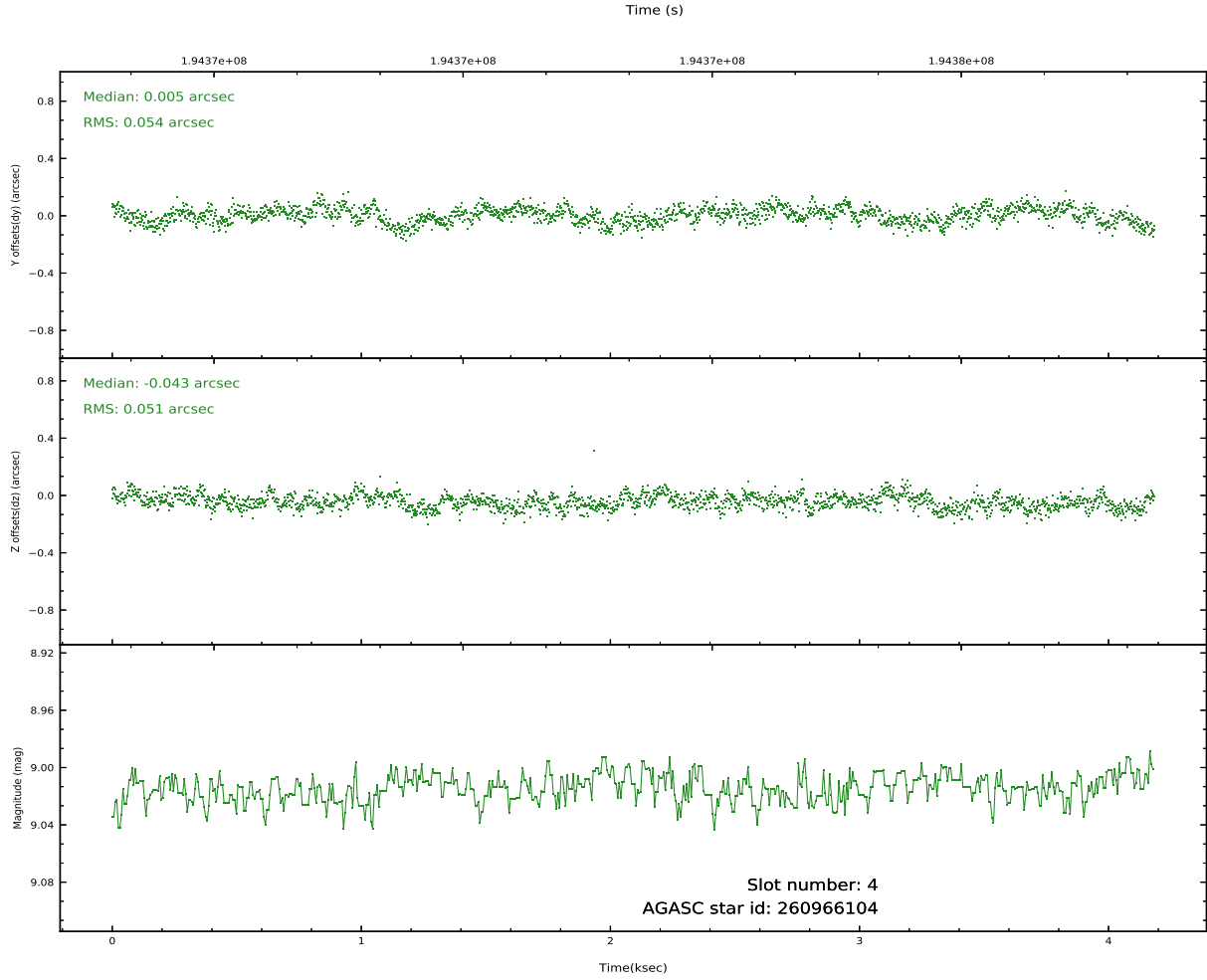
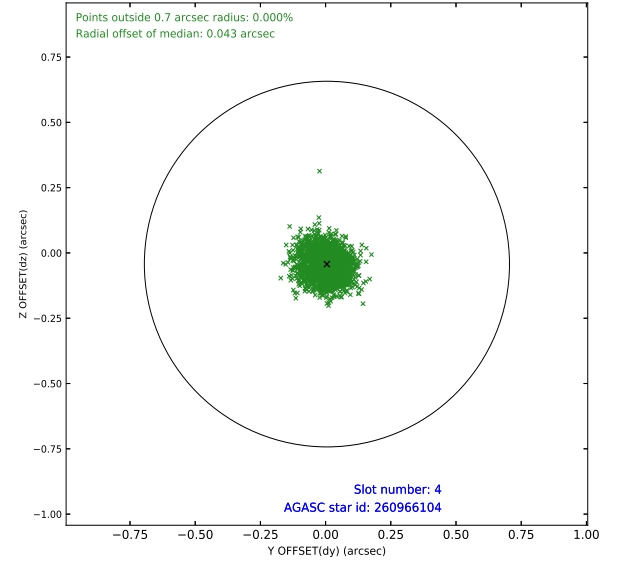
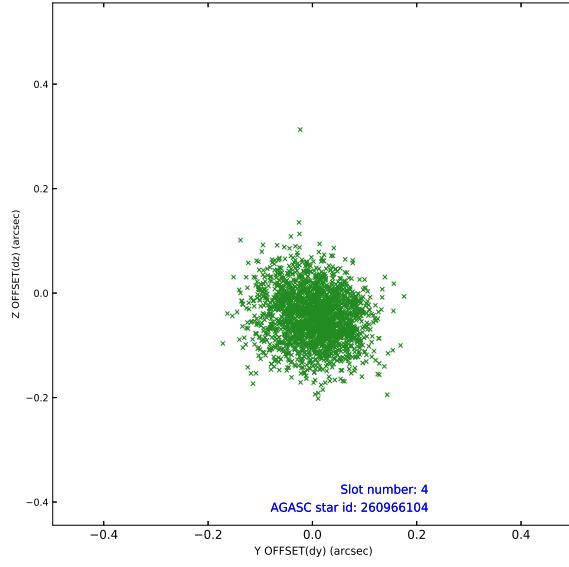
pt	status	used	id	mag	n_pts	frac_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mea
0	FID		ACIS-S-2	7.10	1021	1.000	-0.045	-0.076	0.007	0.010	0.000000	0.000000	-760.11	-1729
1	FID		ACIS-S-4	7.21	1020	1.000	0.119	0.042	0.006	0.010	0.000000	0.000000	2152.64	177
2	FID		ACIS-S-5	7.23	1021	1.000	-0.104	0.043	0.007	0.012	0.000000	0.000000	-1811.12	172
3	GUIDE	used	260965096	7.62	2042	1.000	-0.057	-0.077	0.041	0.065	187.136229	29.589892	-266.56	782
4	GUIDE	used	260966104	9.01	2041	1.000	0.005	-0.043	0.079	0.127	187.015374	29.817737	619.02	605
5	GUIDE	used	260976088	9.73	2040	1.000	-0.025	0.130	0.111	0.177	188.028229	29.918108	-938.58	-2169
6	GUIDE	used	331352088	9.06	2041	1.000	-0.057	0.060	0.064	0.105	187.361629	30.209908	1126.61	-1098
7	GUIDE	used	331355608	9.55	2039	1.000	0.134	-0.065	0.124	0.203	187.387177	30.631625	2311.01	-2052

2.4 Star Slots

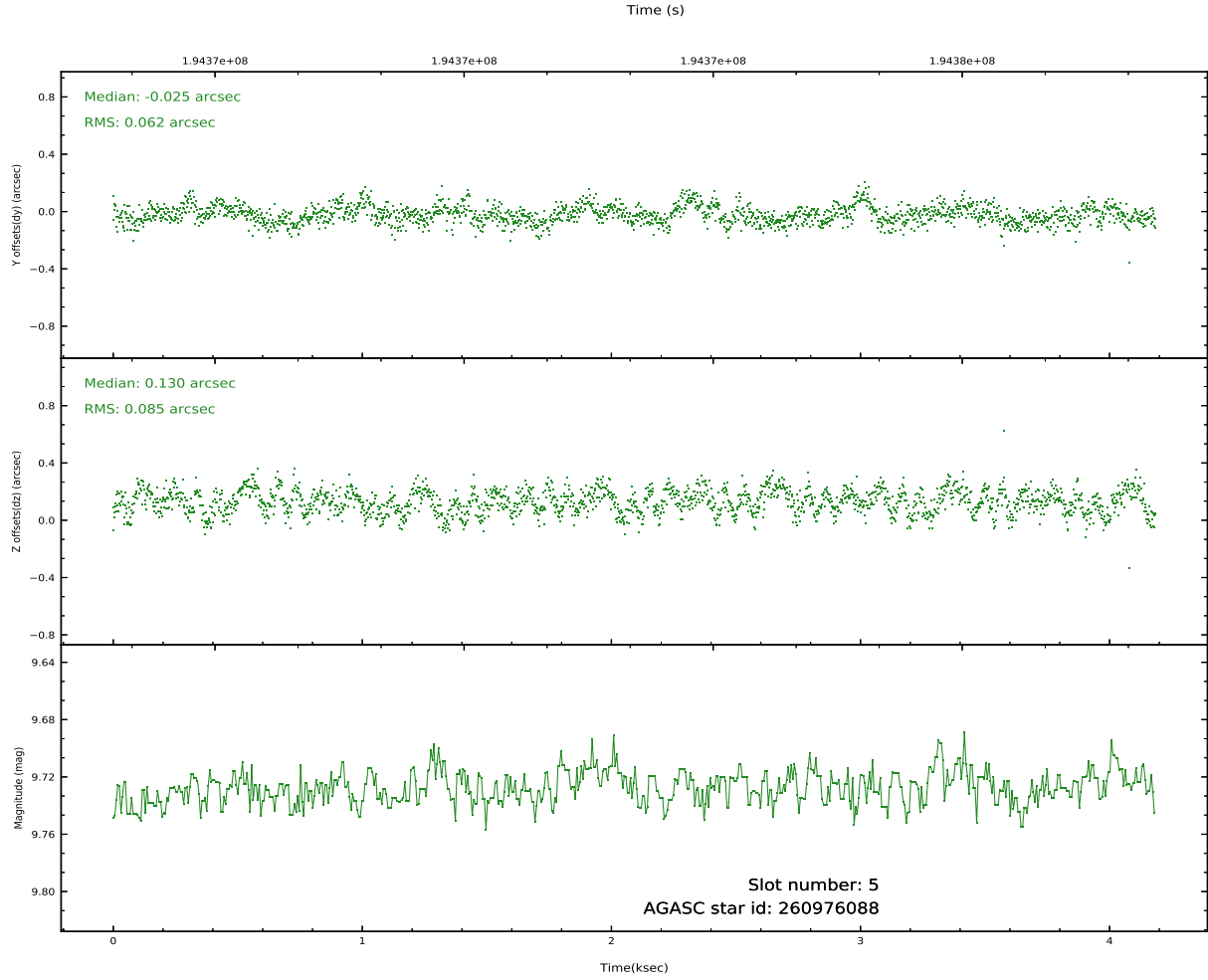
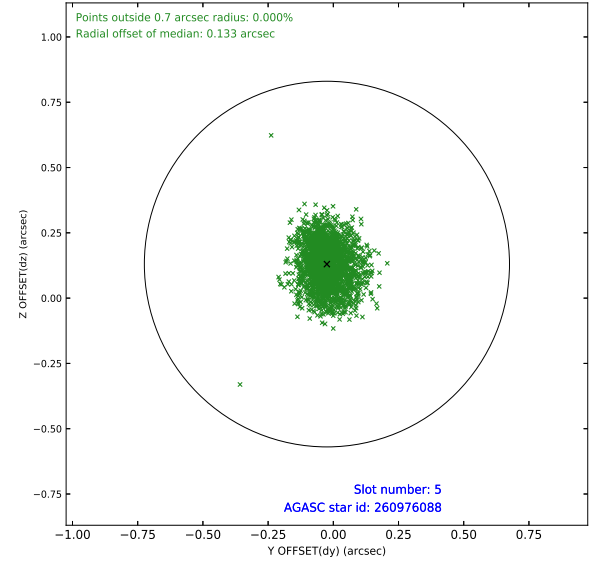
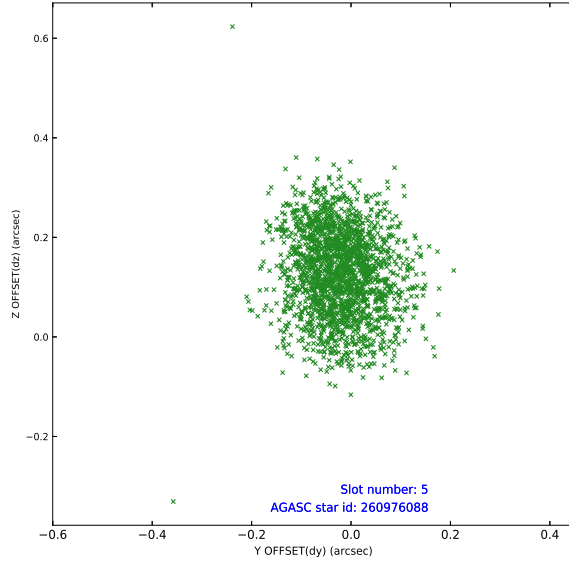
2.4.1 Slot 3



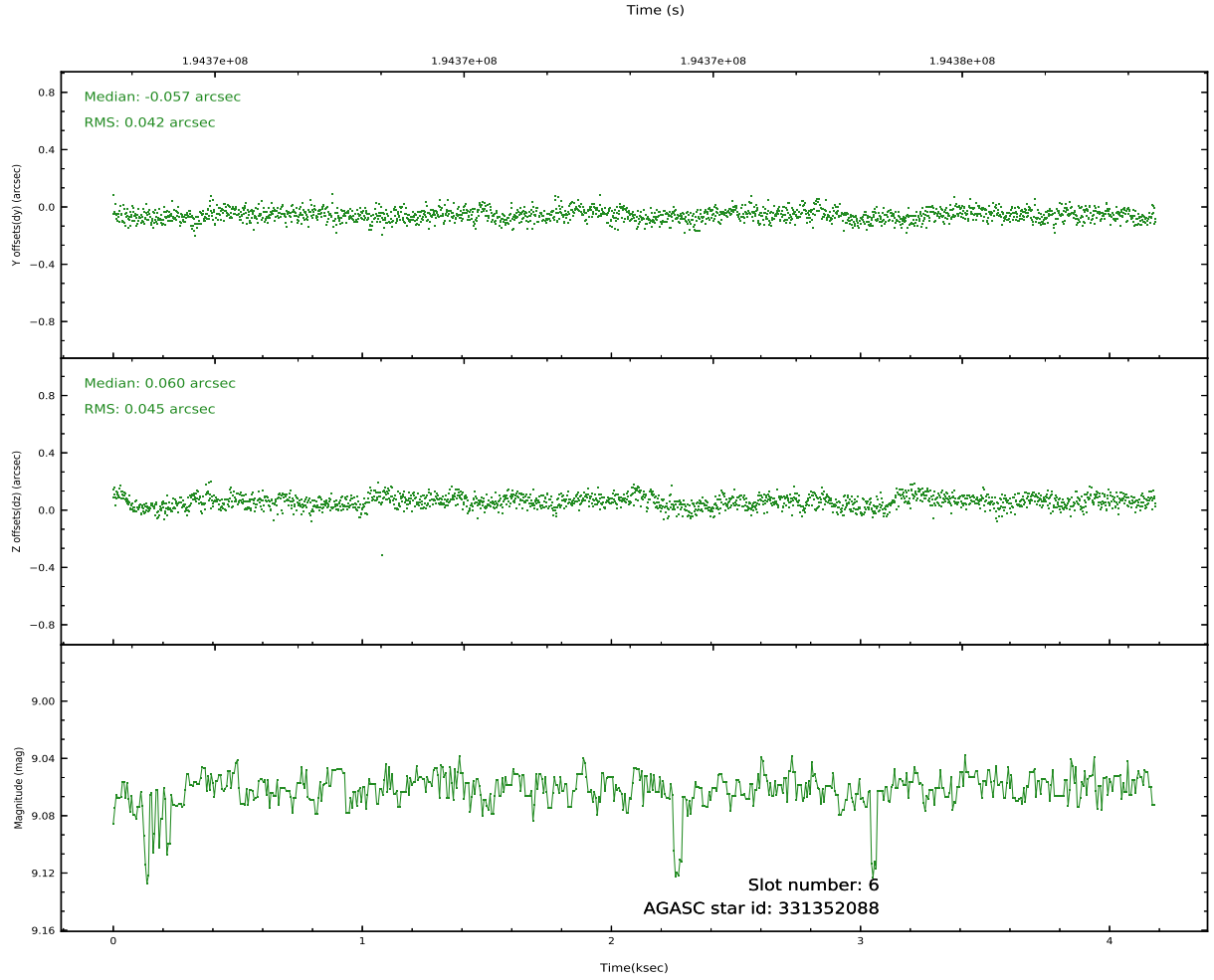
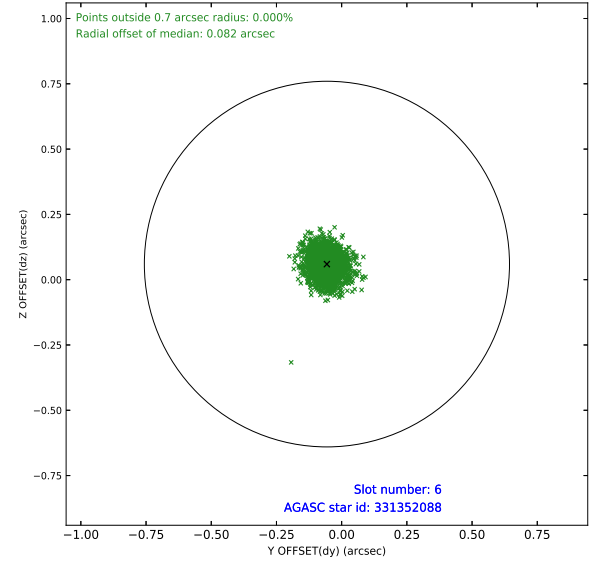
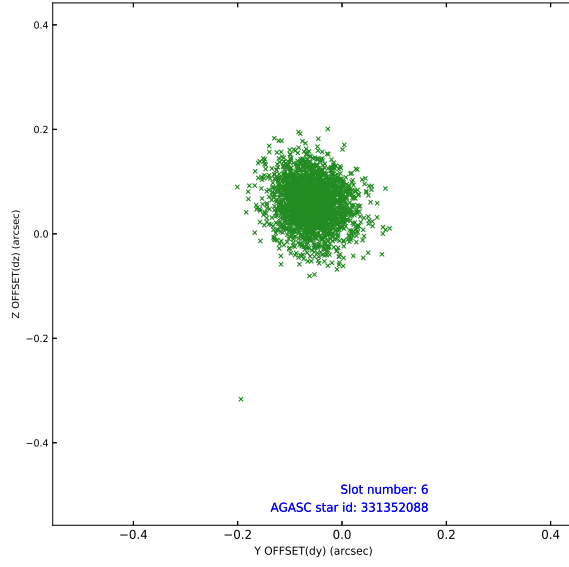
2.4.2 Slot 4



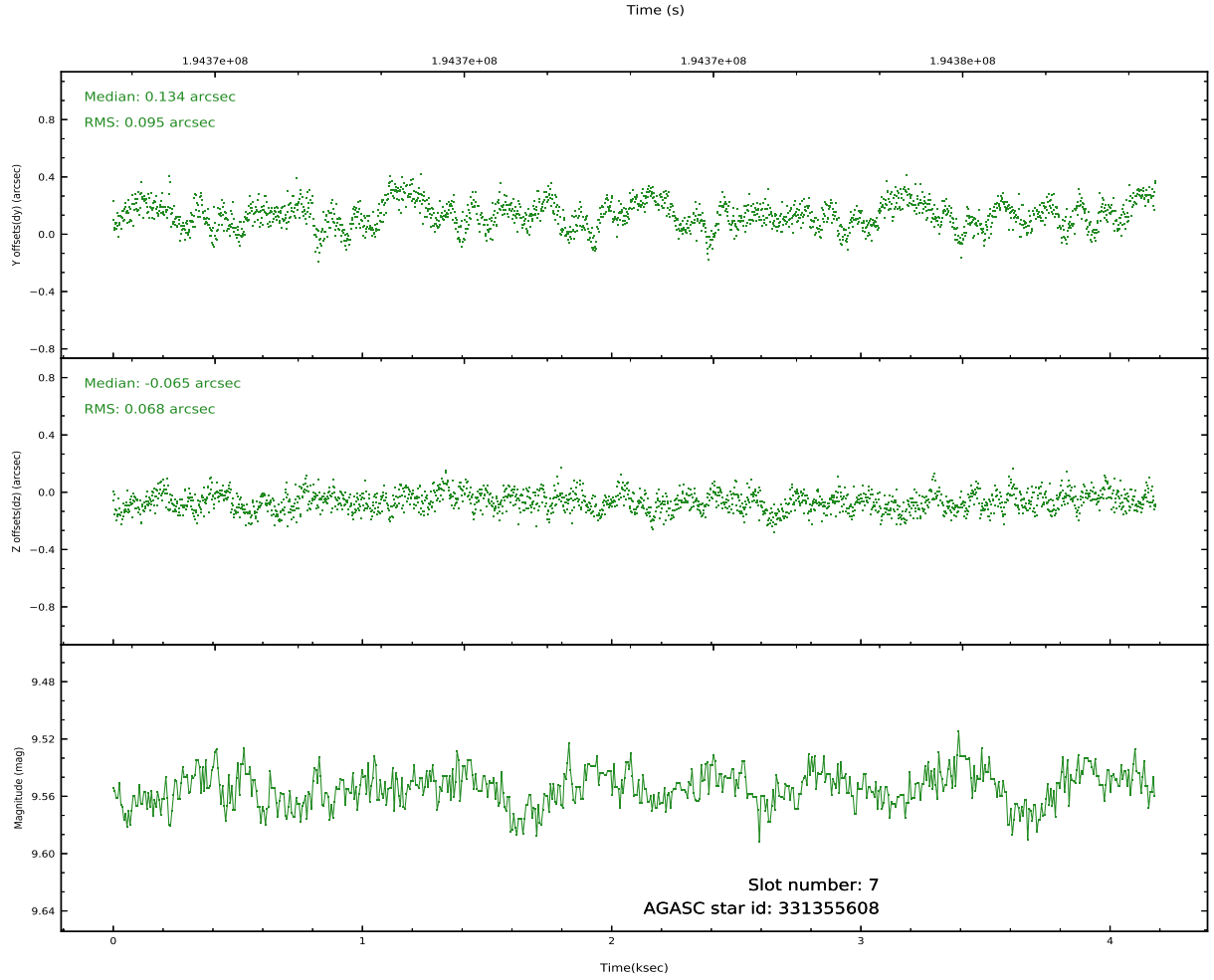
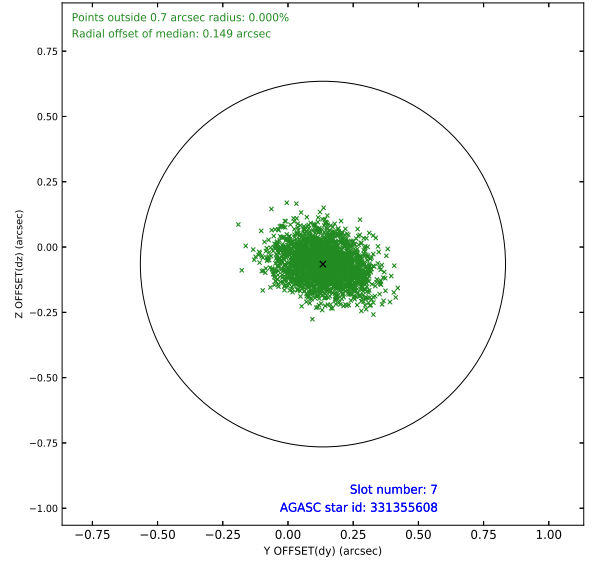
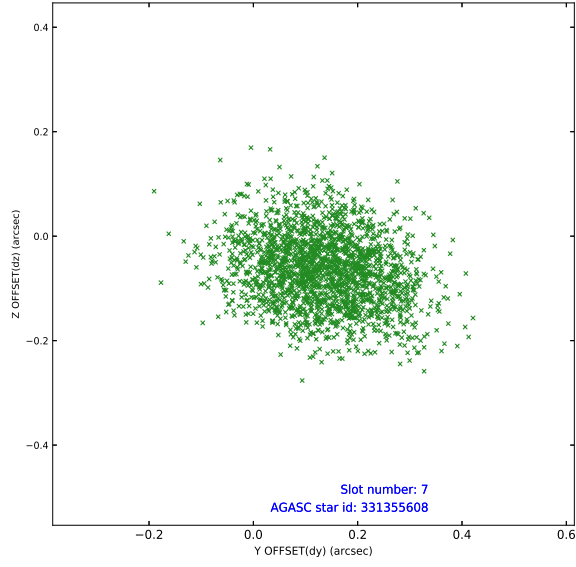
2.4.3 Slot 5



2.4.4 Slot 6

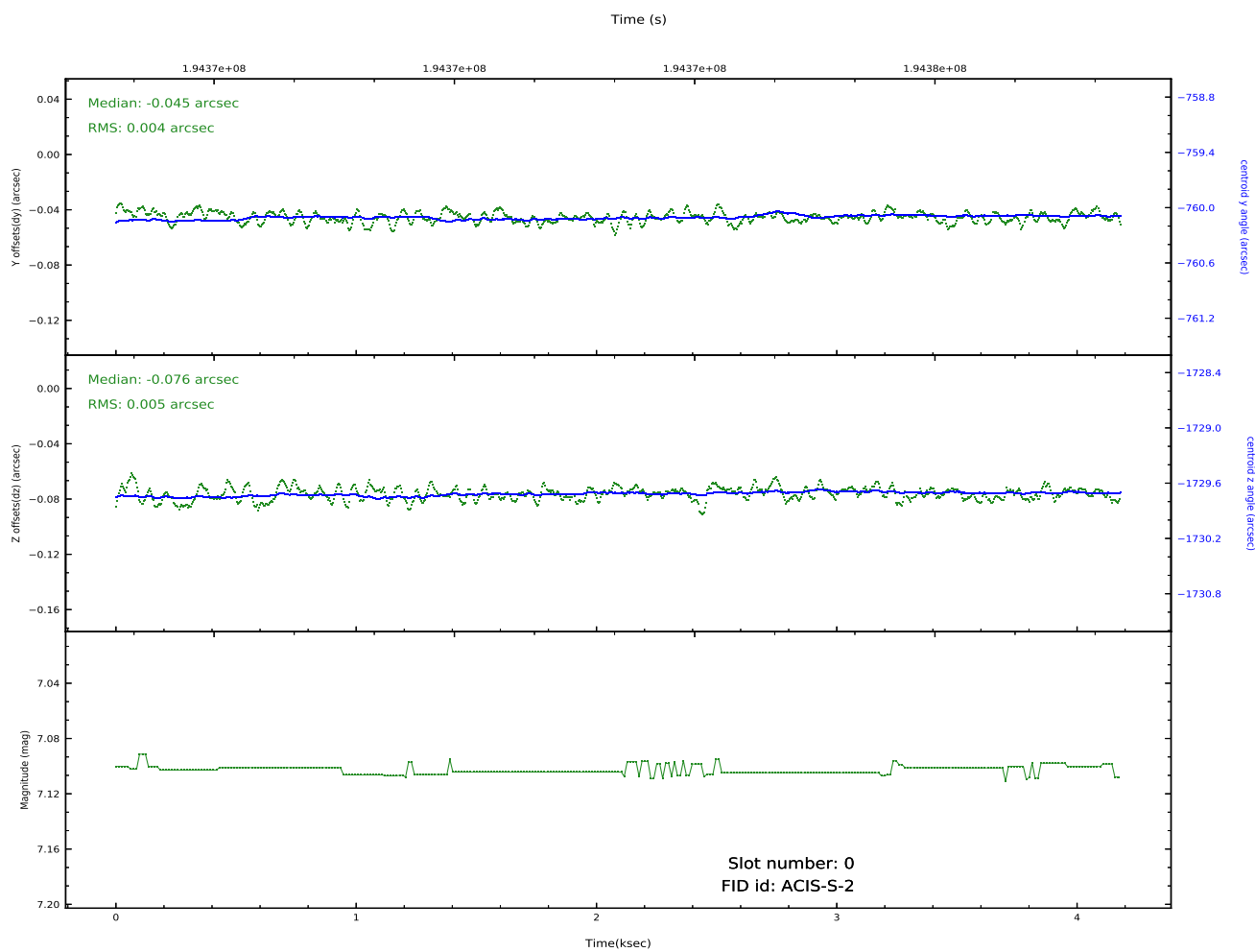
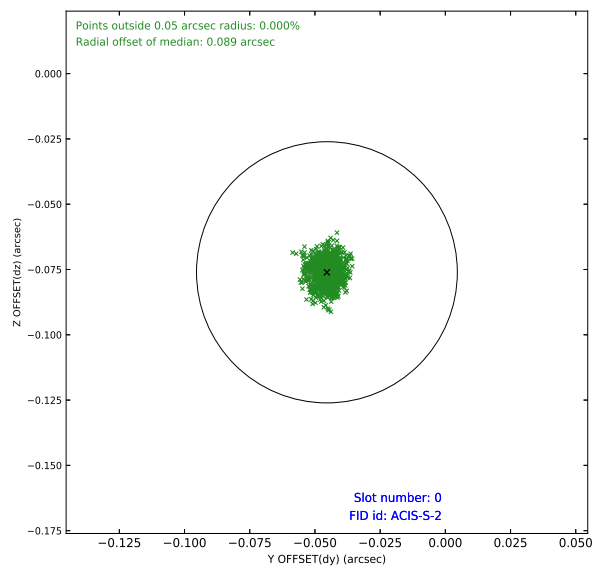
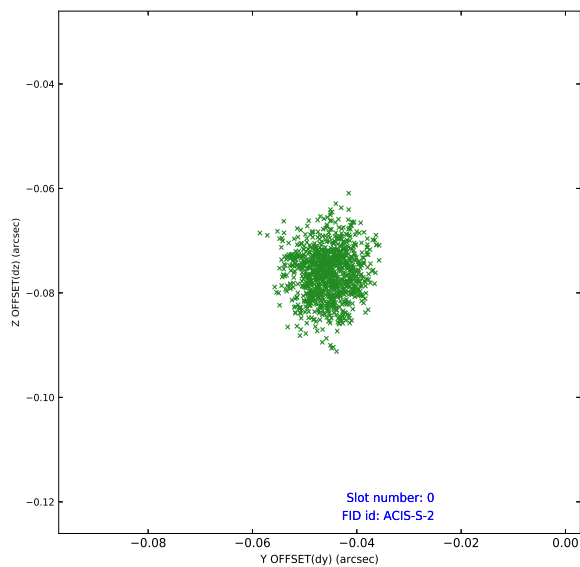


2.4.5 Slot 7

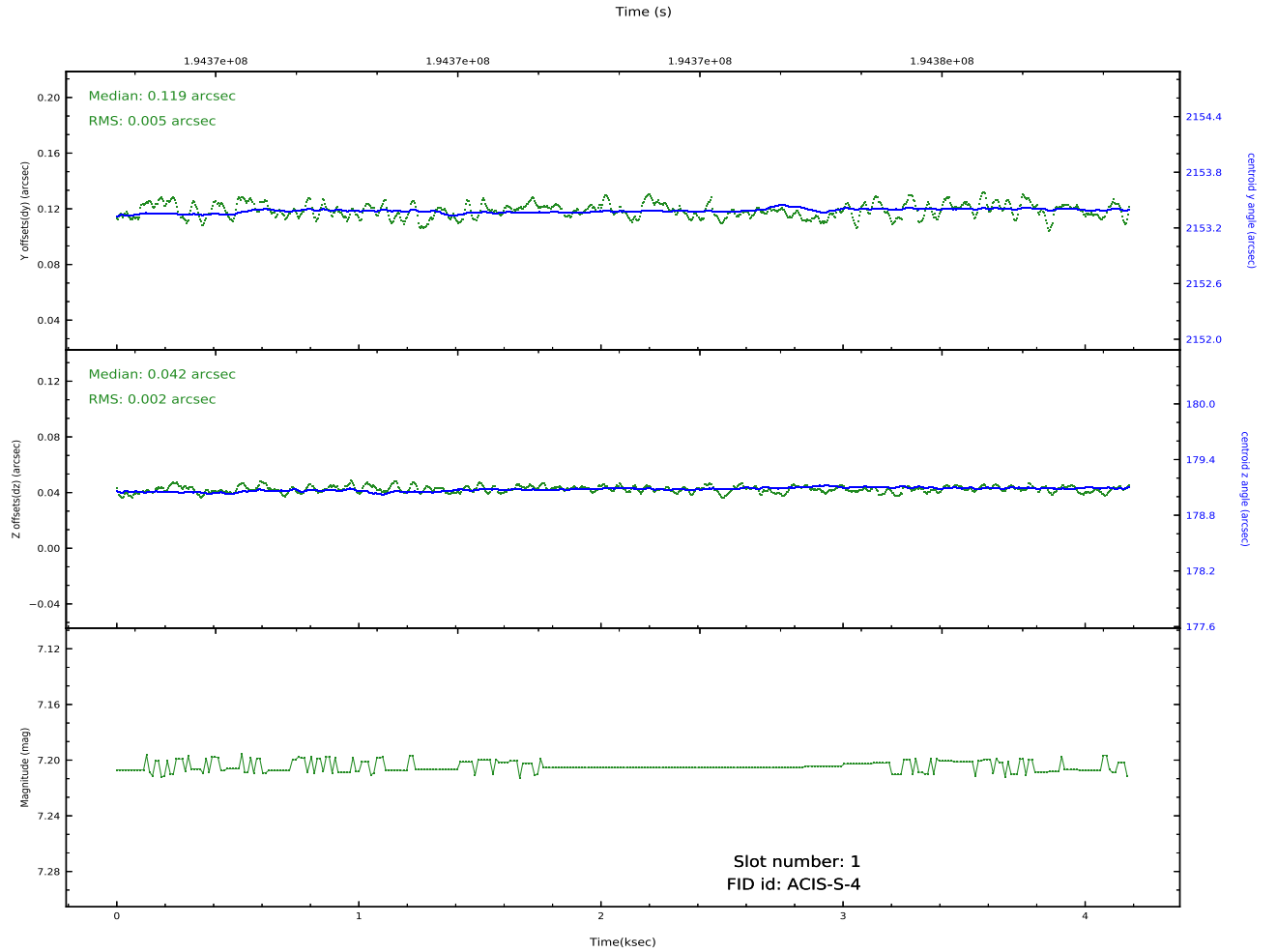
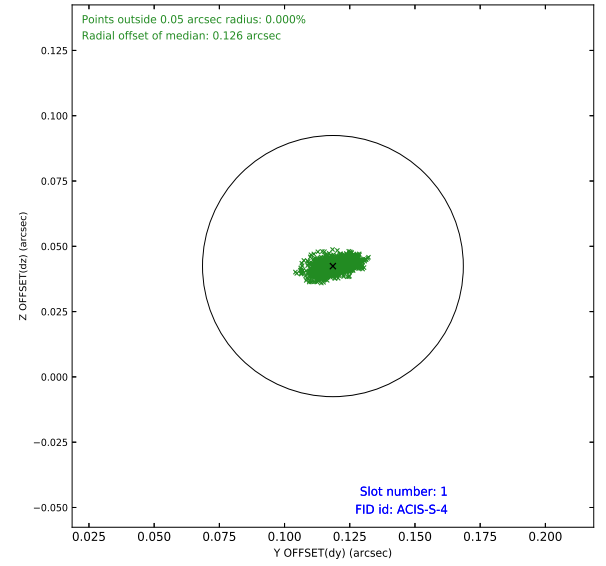
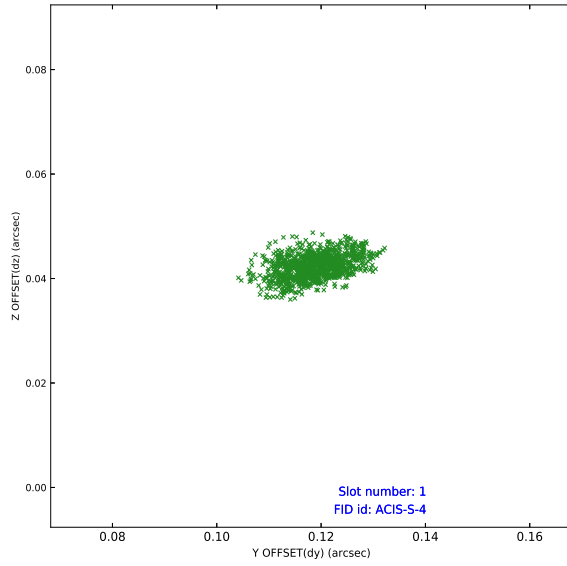


2.5 FID Slots

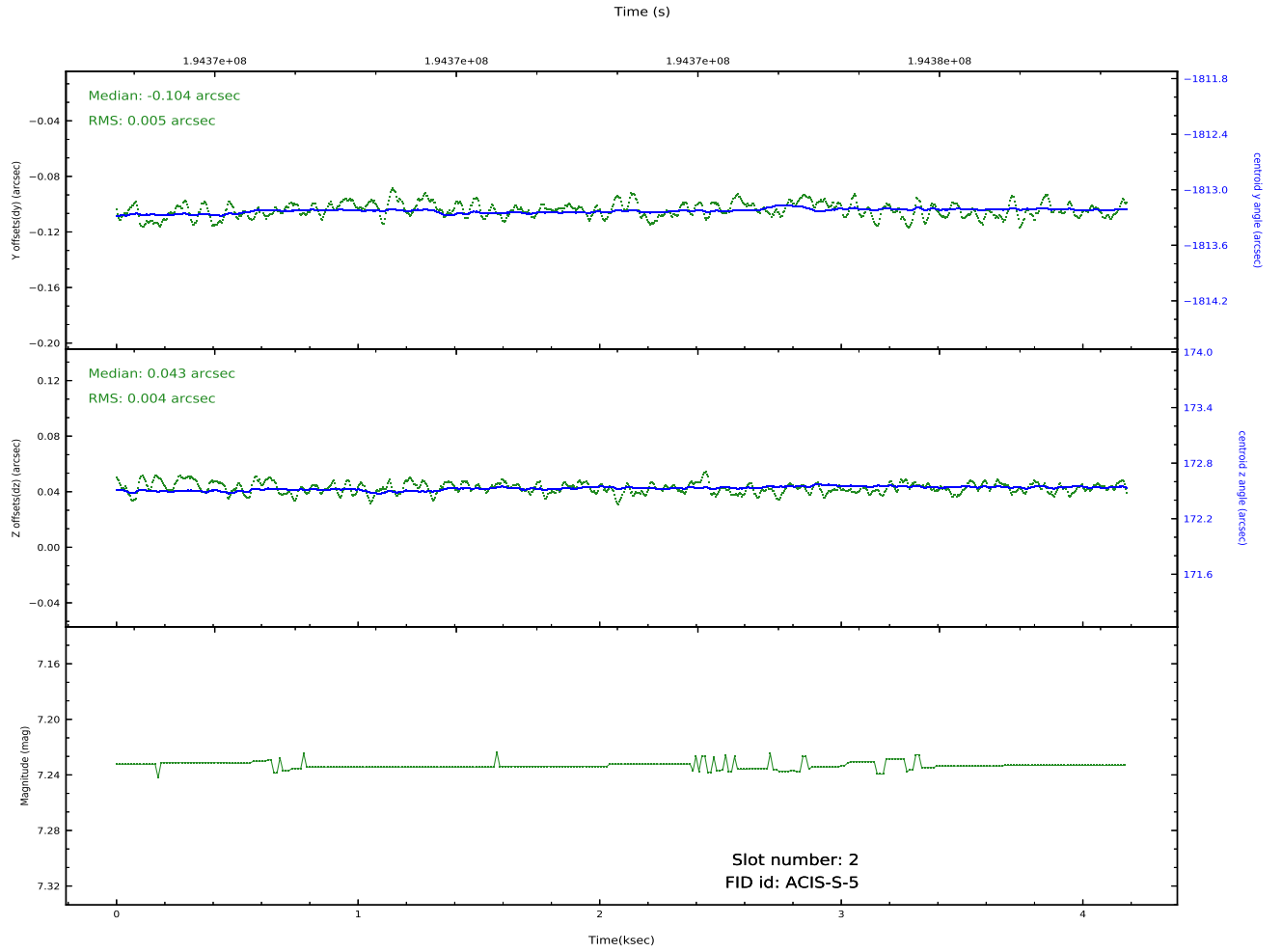
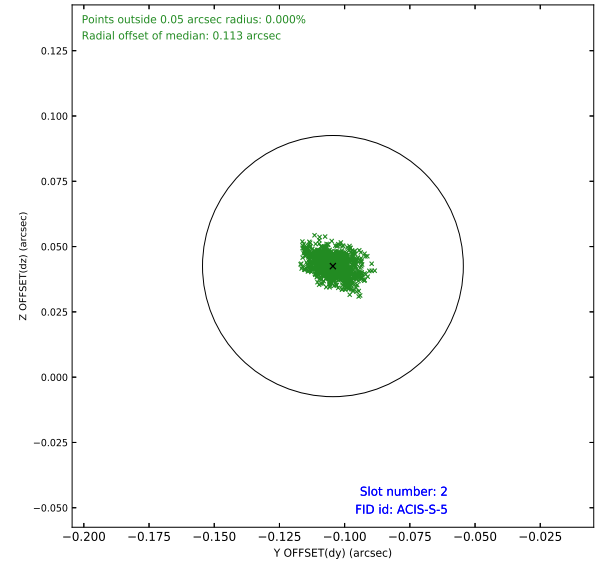
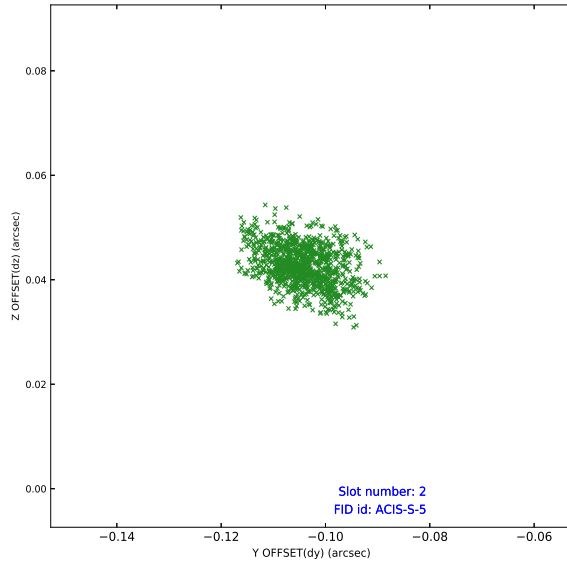
2.5.1 Slot 0



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)	2020.09.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.181

A.2 Comments