

V&V Reference Report

L2 ASCDS Version : 10.9.1

Observation 4784 - L2 Version 4
Chandra X-Ray Center

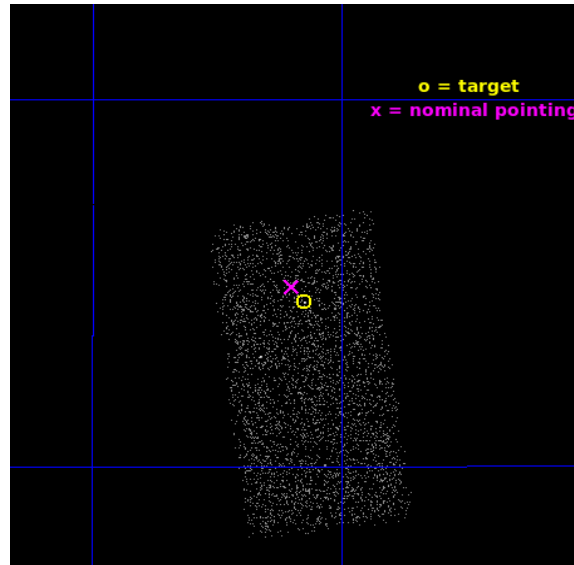
L2 Processing Date : Sep 22 2020

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1 Front

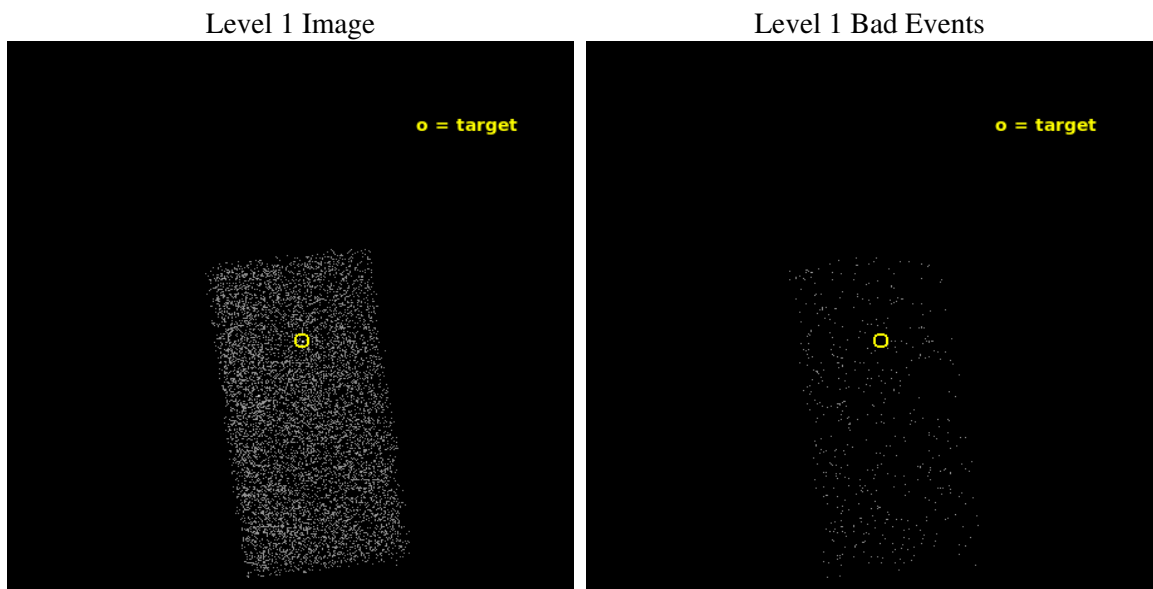
seq_num	700867	Sequence number
obs_id	4784	Observation id
title	Anchoring the AGN X-ray Luminosity Function	Proposal title
observer	Dr. JOHN SALZER	Principal investigator
object	KISS F1410-276	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	213.64375	Observer's specified target RA [deg]
dec_targ	29.574639	Observer's specified target Dec [deg]
ra_nom	213.65007448652	Nominal RA [deg]
dec_nom	29.58148990599	Nominal Dec [deg]
roll_nom	82.679724488667	Nominal Roll [deg]
revision	4	Processing version of data
ontime	2211.0	Sum of GTIs [s]
livetime	2152.1180501479	Livetime [s]
ontime7	2211.0	Sum of GTIs [s]
l2events	4228	Number of level 2 events



2 OBI

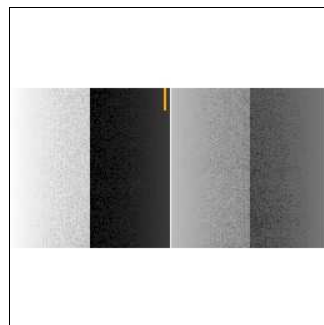
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	2004.036000	[s] Scheduled observation exposure time
ascdsver	10.9.1	Processing system revision	ontime	2211.0	Sum of GTIs [s]
caldsver	4.9.2	 	ontime7	2211.0	Sum of GTIs [s]
date	2020-09-23T02:34:48	Date and time of file creation	l1events	11947	Number of level 1 events
revision	4	Processing version of data			

2.1.4 Events

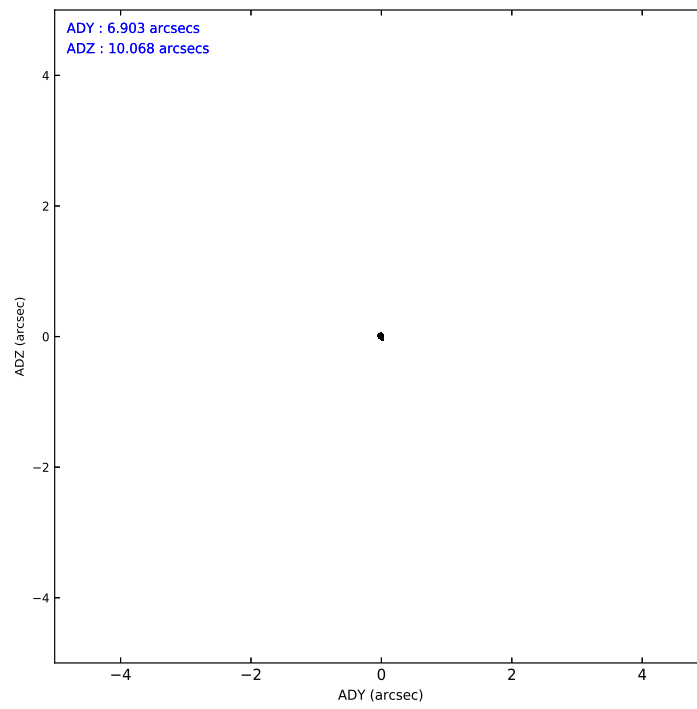
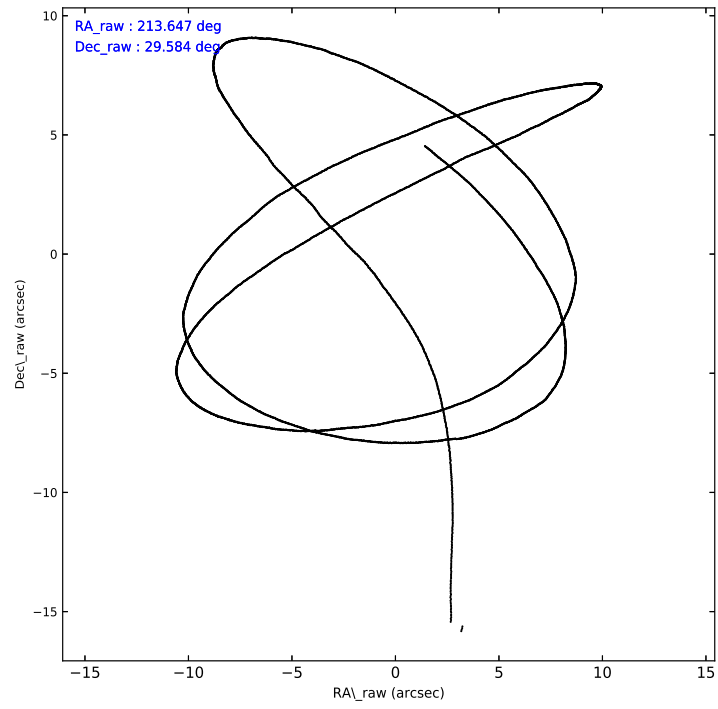
	ccd 7
level 1 events	11947
rejected events	7608
rejected %	63%

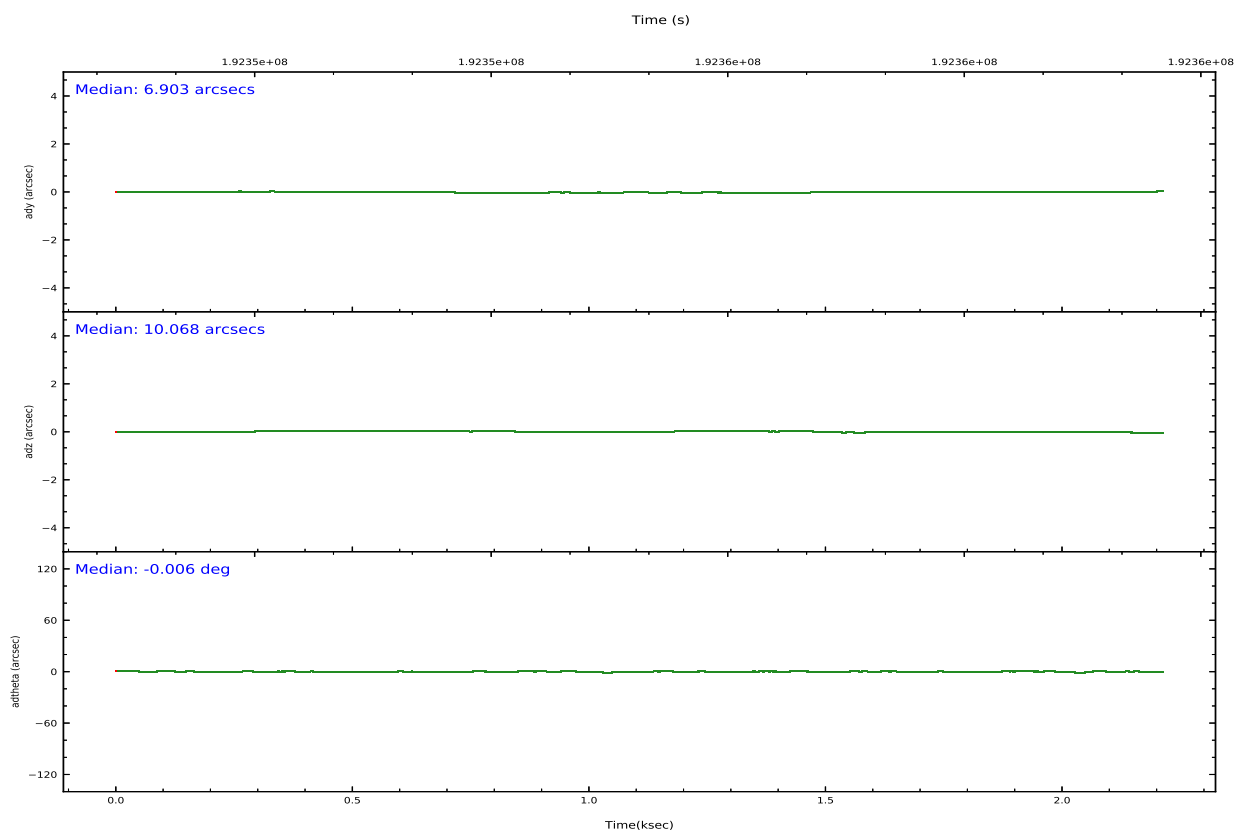
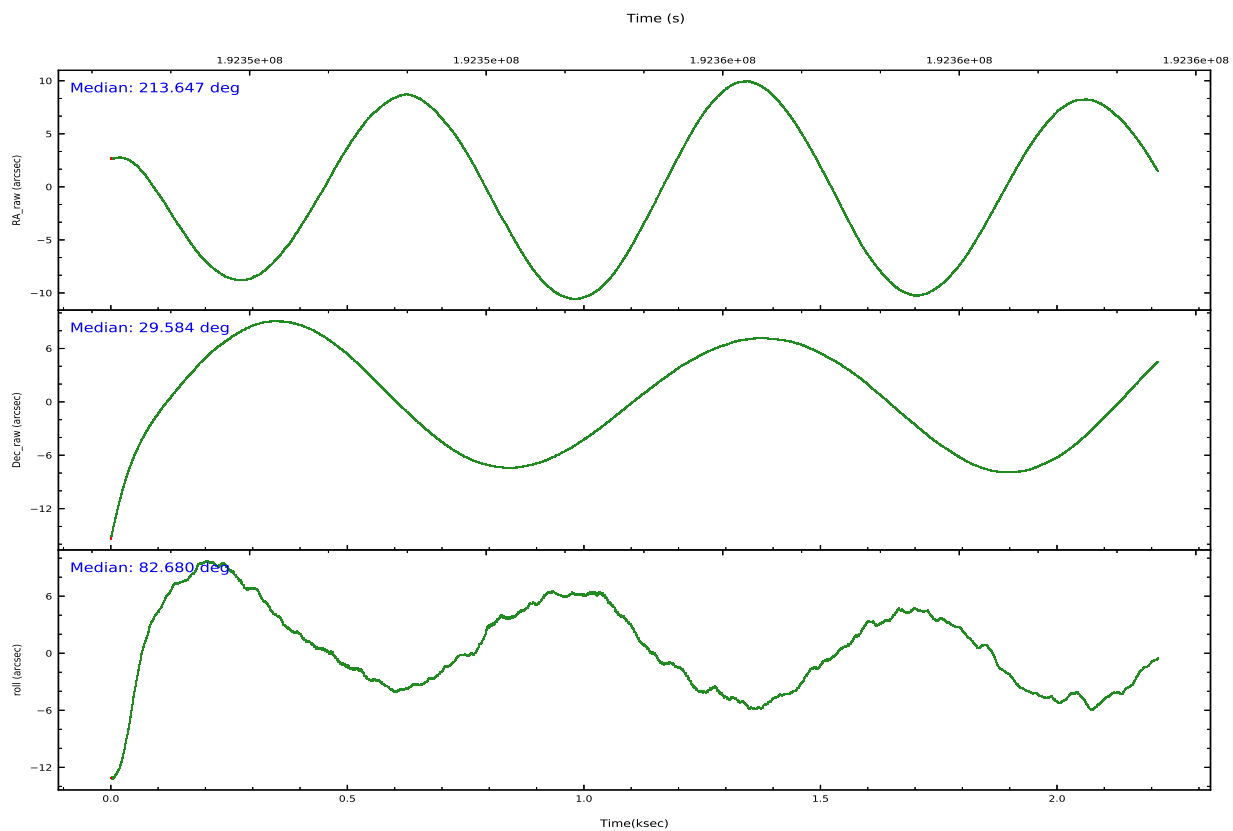
	ccd 7
grade 0 events	587
	4%
grade 1 events	15
	0%
grade 2 events	1056
	8%
grade 3 events	539
	4%
grade 4 events	507
	4%
grade 5 events	1111
	9%
grade 6 events	2726
	22%
grade 7 events	5406
	45%

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	213.659541	213.65007448652	Subarray requested	CUSTOM	1/2
[deg] Pointing Dec	29.558884	29.58148990599	Subarray start row	257	257
[deg] Pointing Roll	82.511956	82.67972448866701	Subarray row count	512	512
[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	1.5
[mm] SIM translation stage pos	-190.132523	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	192353916.184000	192352939.71848			
Observation start date	2004-02-05T07:37:32	2004-02-05T07:22:19			
[s] Observation end time (MET)	192355920.184000	192356234.58112			
Observation end date	2004-02-05T08:10:56	2004-02-05T08:17:14			
Read mode	TIMED	TIMED			

2.3 Aspect



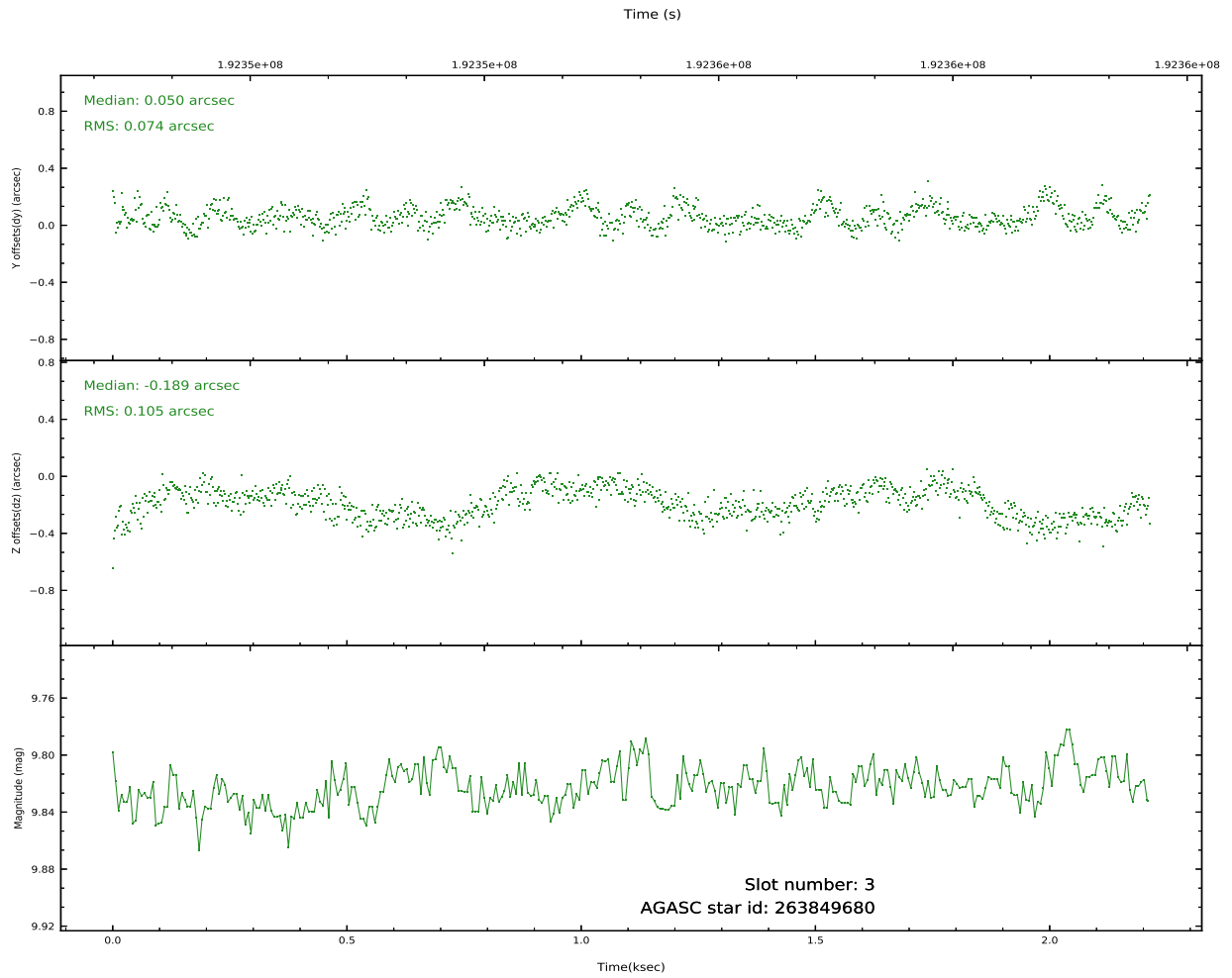
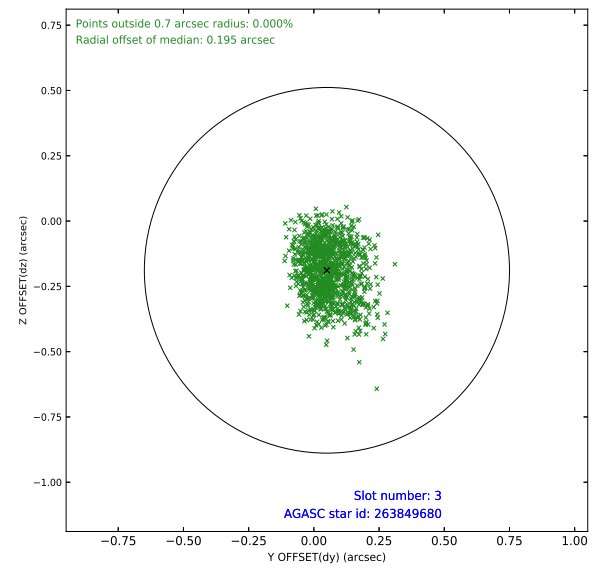
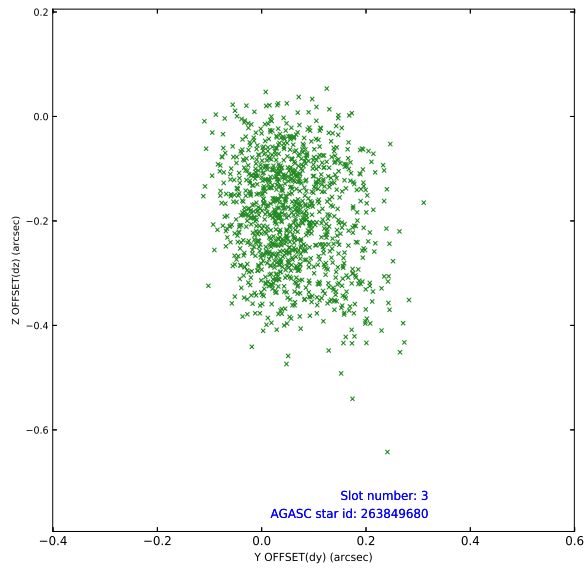


Slot Statistics

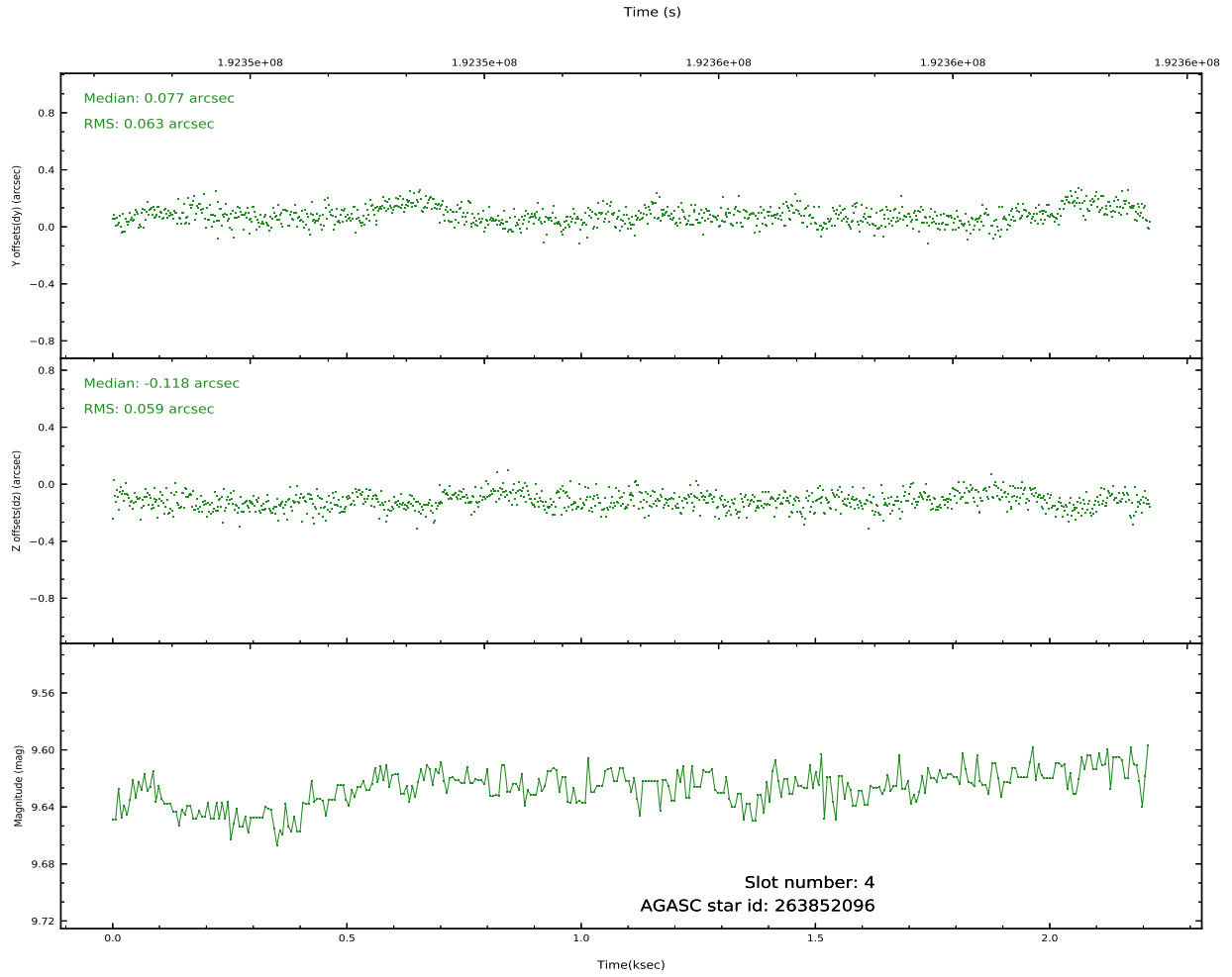
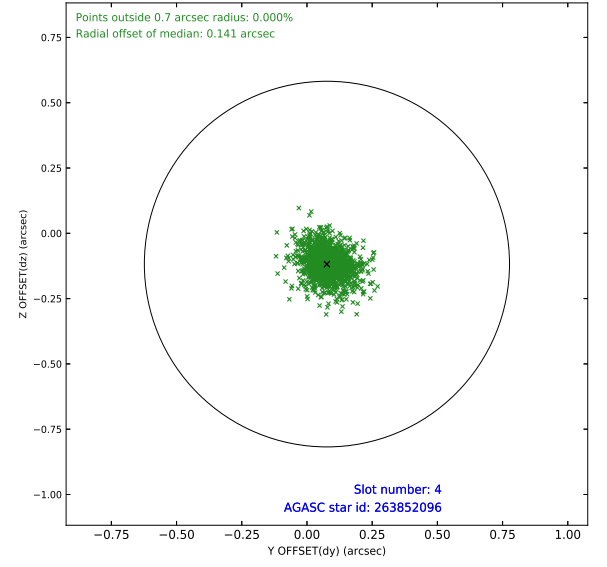
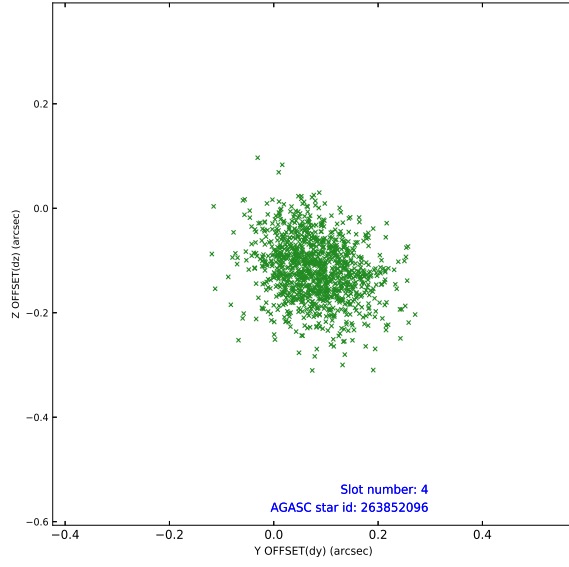
pt	status	used	id	mag	n_pts	frac_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mea
0	FID		ACIS-S-2	7.09	541	1.000	-0.071	-0.047	0.007	0.011	0.000000	0.000000	-759.66	-1731
1	FID		ACIS-S-4	7.20	541	1.000	0.120	0.047	0.006	0.011	0.000000	0.000000	2152.41	174
2	FID		ACIS-S-5	7.23	541	1.000	-0.080	0.009	0.006	0.012	0.000000	0.000000	-1808.79	171
3	GUIDE	used	263849680	9.82	1081	1.000	0.050	-0.189	0.138	0.216	212.915056	29.396640	-875.79	2239
4	GUIDE	used	263852096	9.63	1080	1.000	0.077	-0.118	0.090	0.152	213.680237	29.769267	758.87	36
5	GUIDE	used	263855264	8.75	1081	1.000	0.130	0.222	0.065	0.108	213.623938	29.084947	-1705.13	-111
6	GUIDE	used	333716008	8.96	1081	1.000	-0.054	0.096	0.083	0.130	213.233857	30.110972	1798.92	1574
7	GUIDE	used	333717496	7.82	1080	1.000	-0.216	-0.010	0.054	0.087	213.487823	30.217182	2282.65	841

2.4 Star Slots

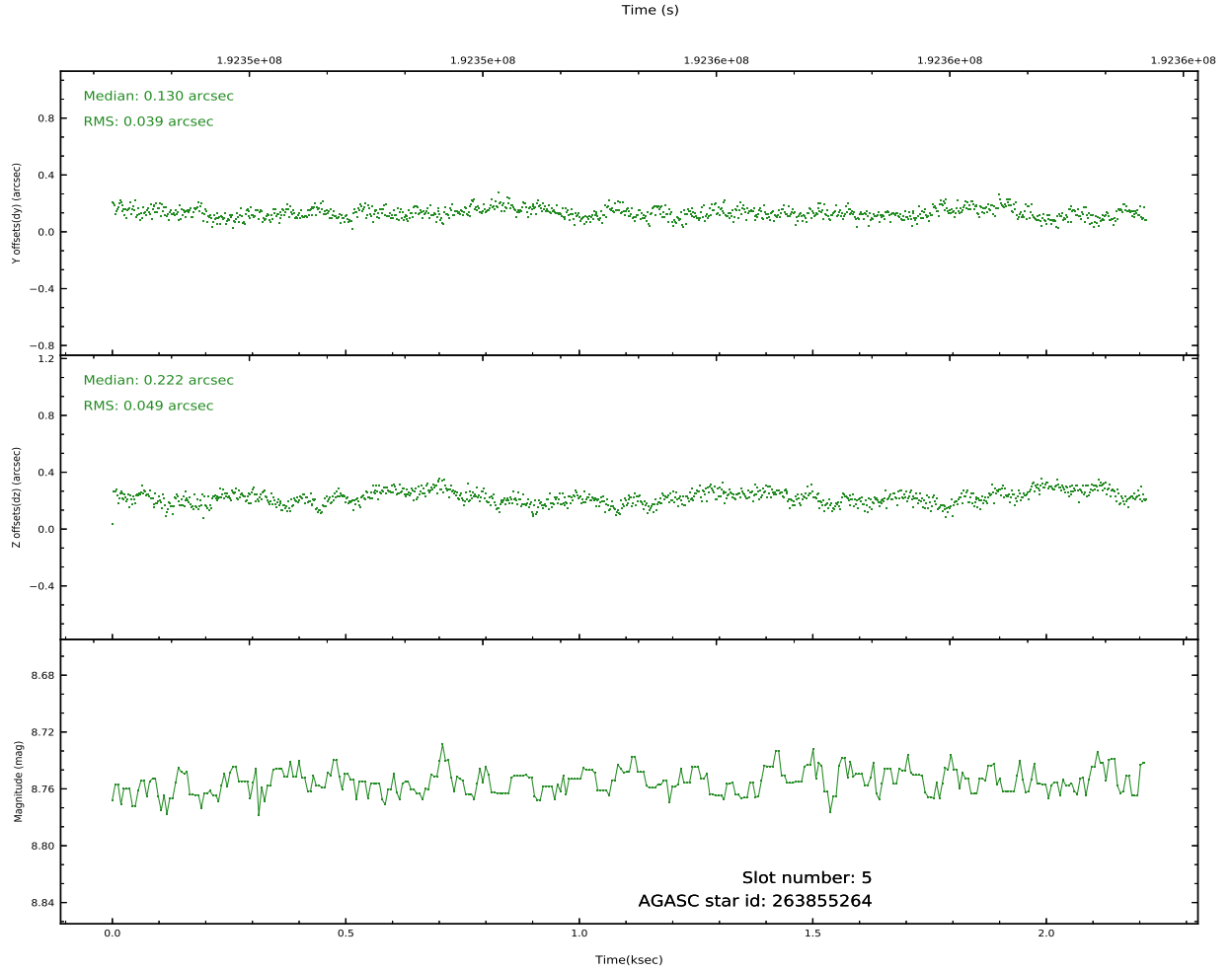
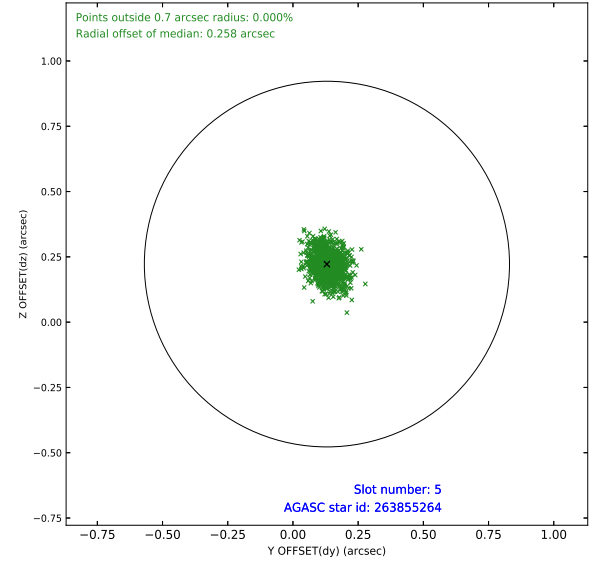
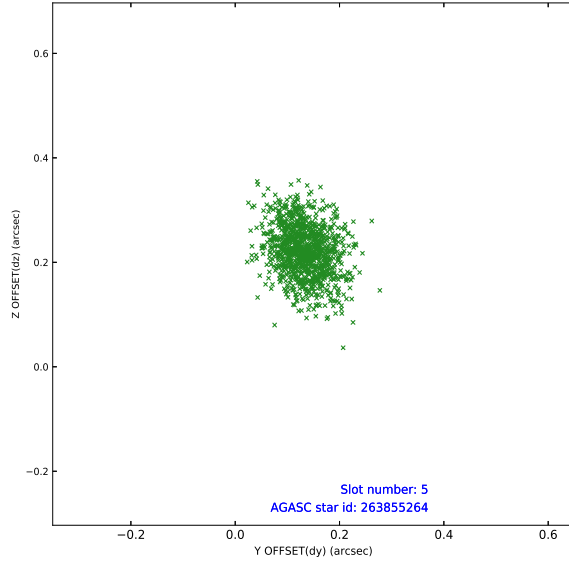
2.4.1 Slot 3



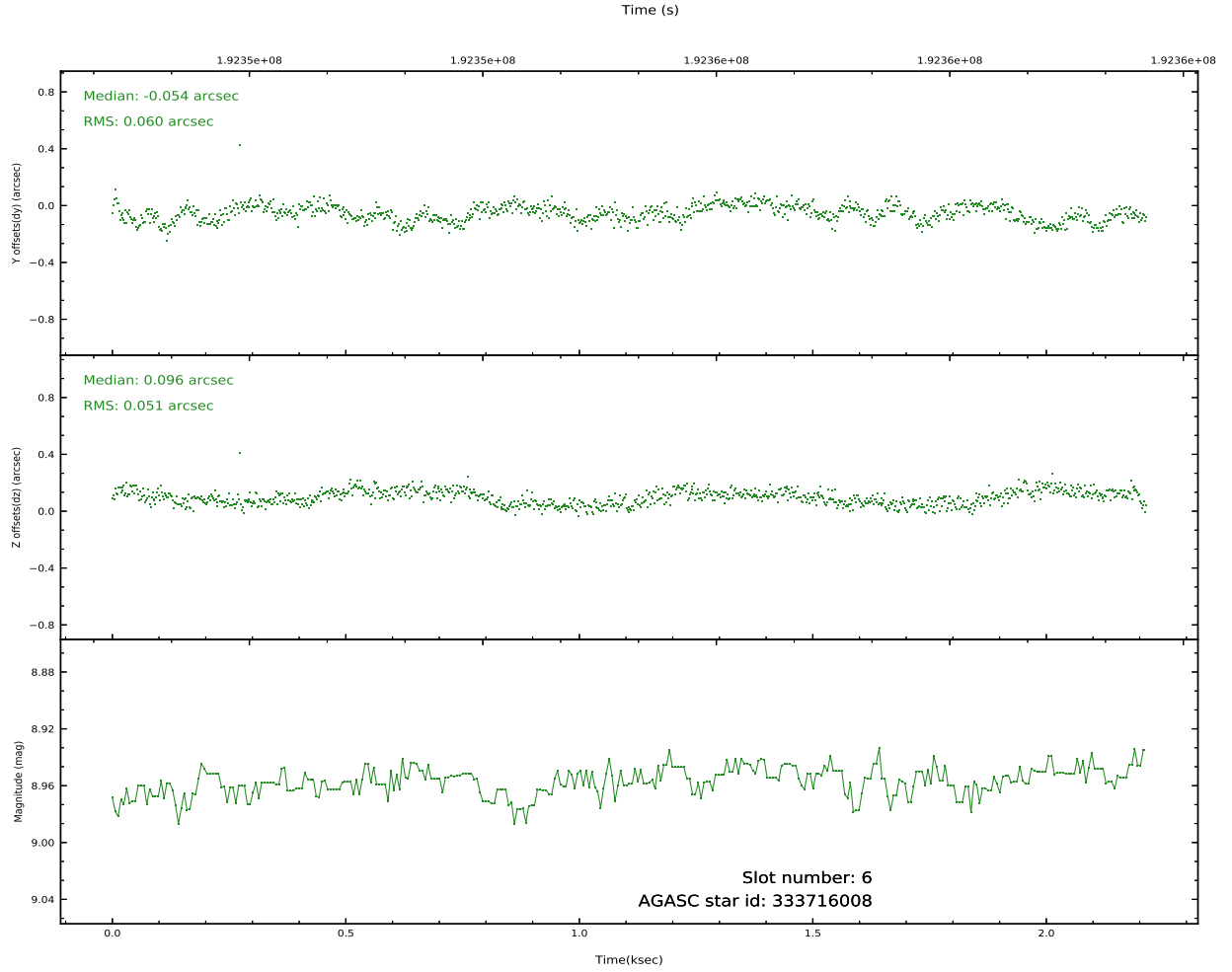
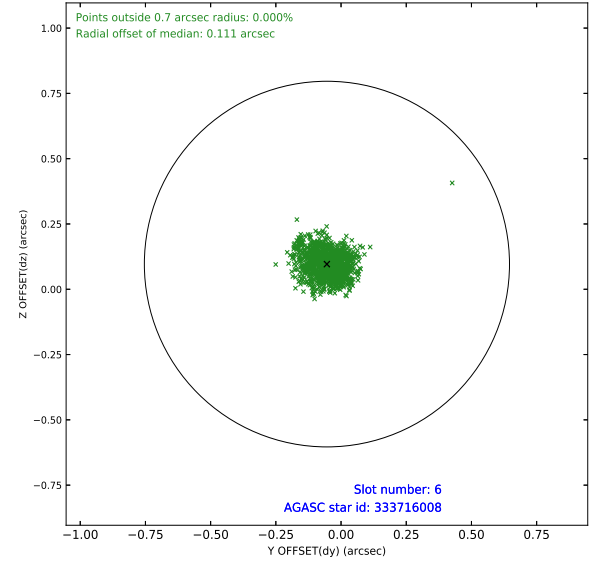
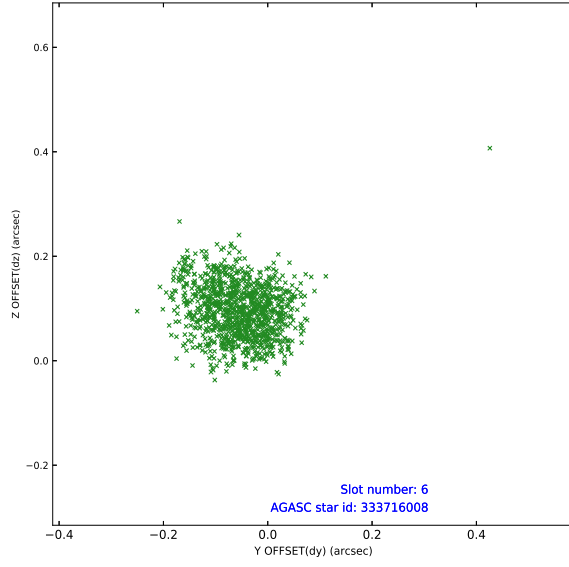
2.4.2 Slot 4



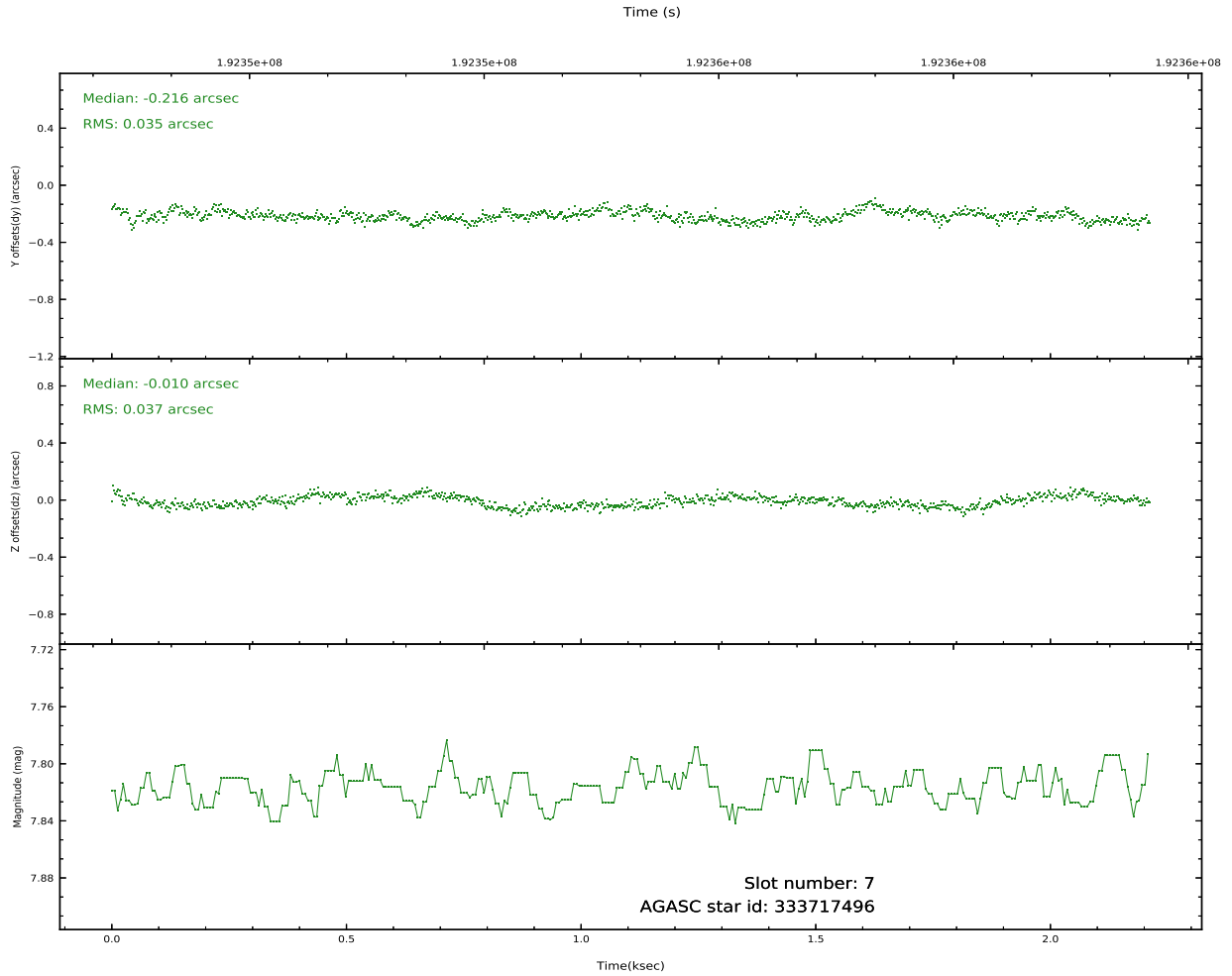
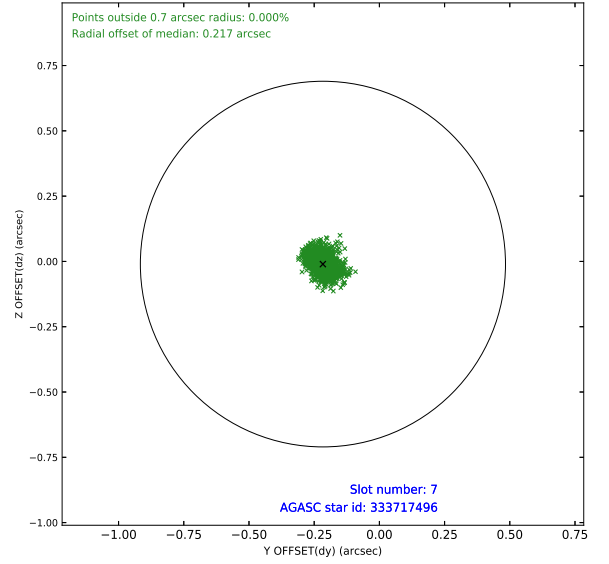
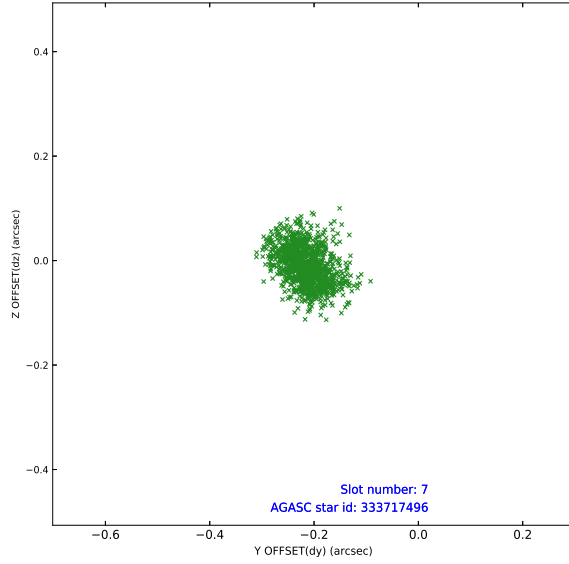
2.4.3 Slot 5



2.4.4 Slot 6

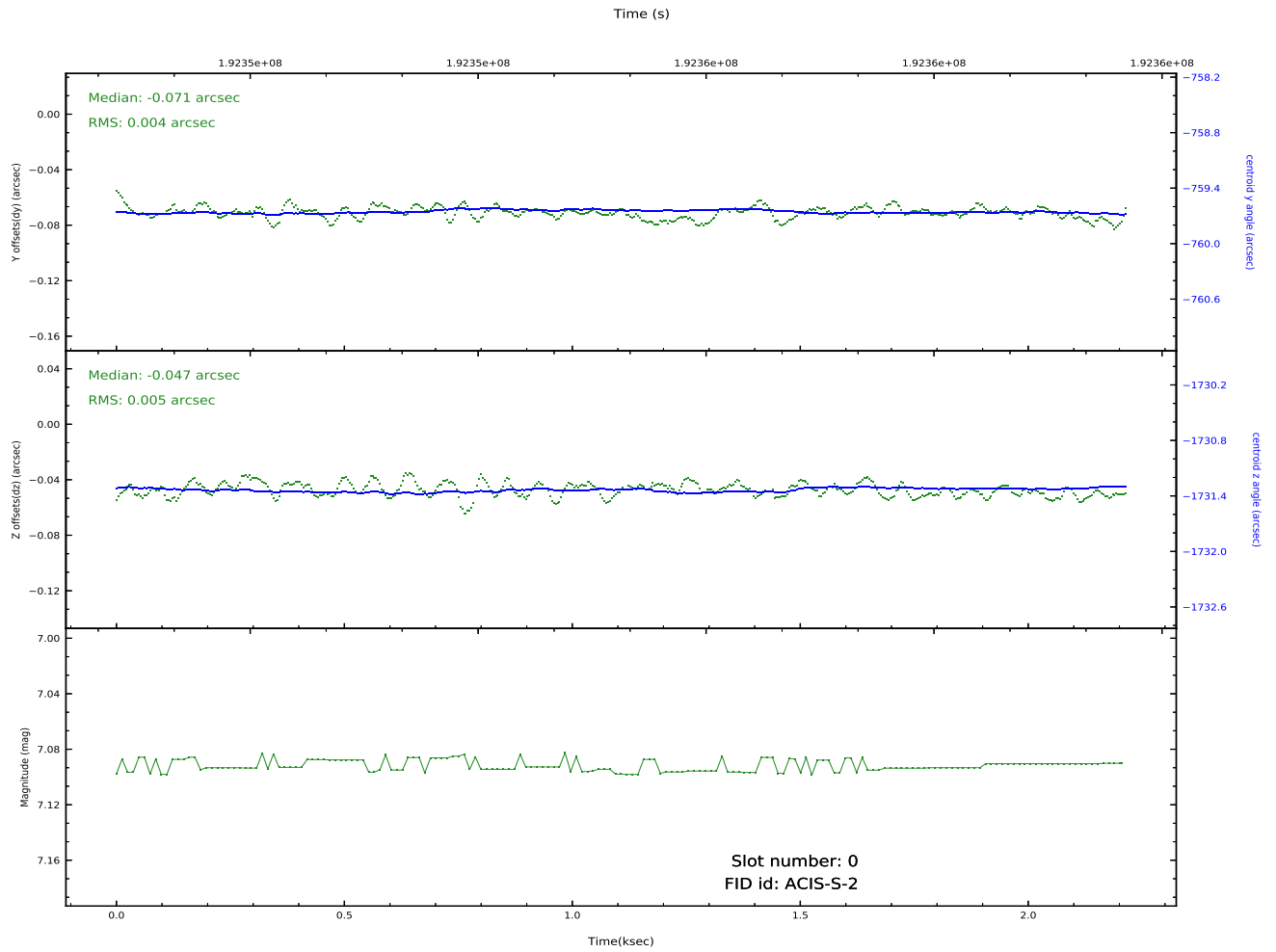
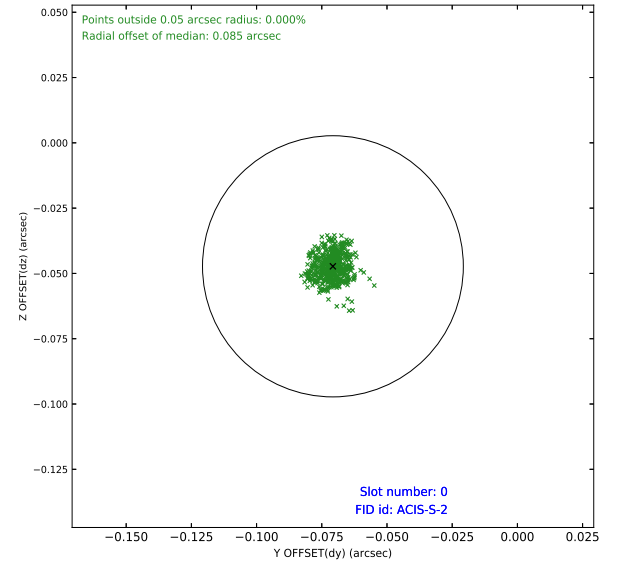
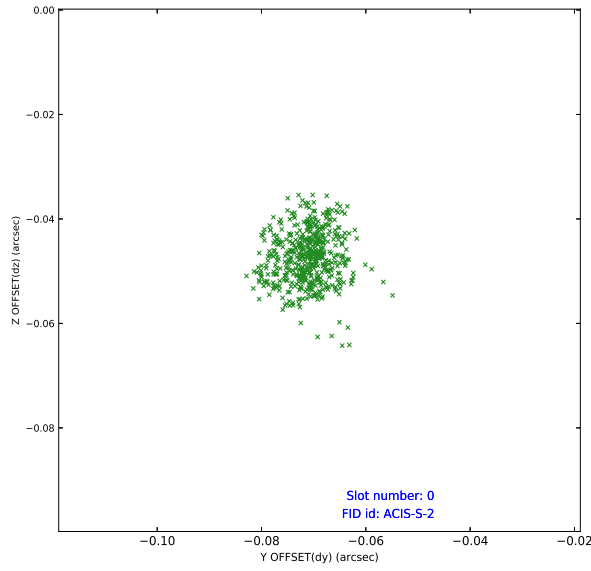


2.4.5 Slot 7

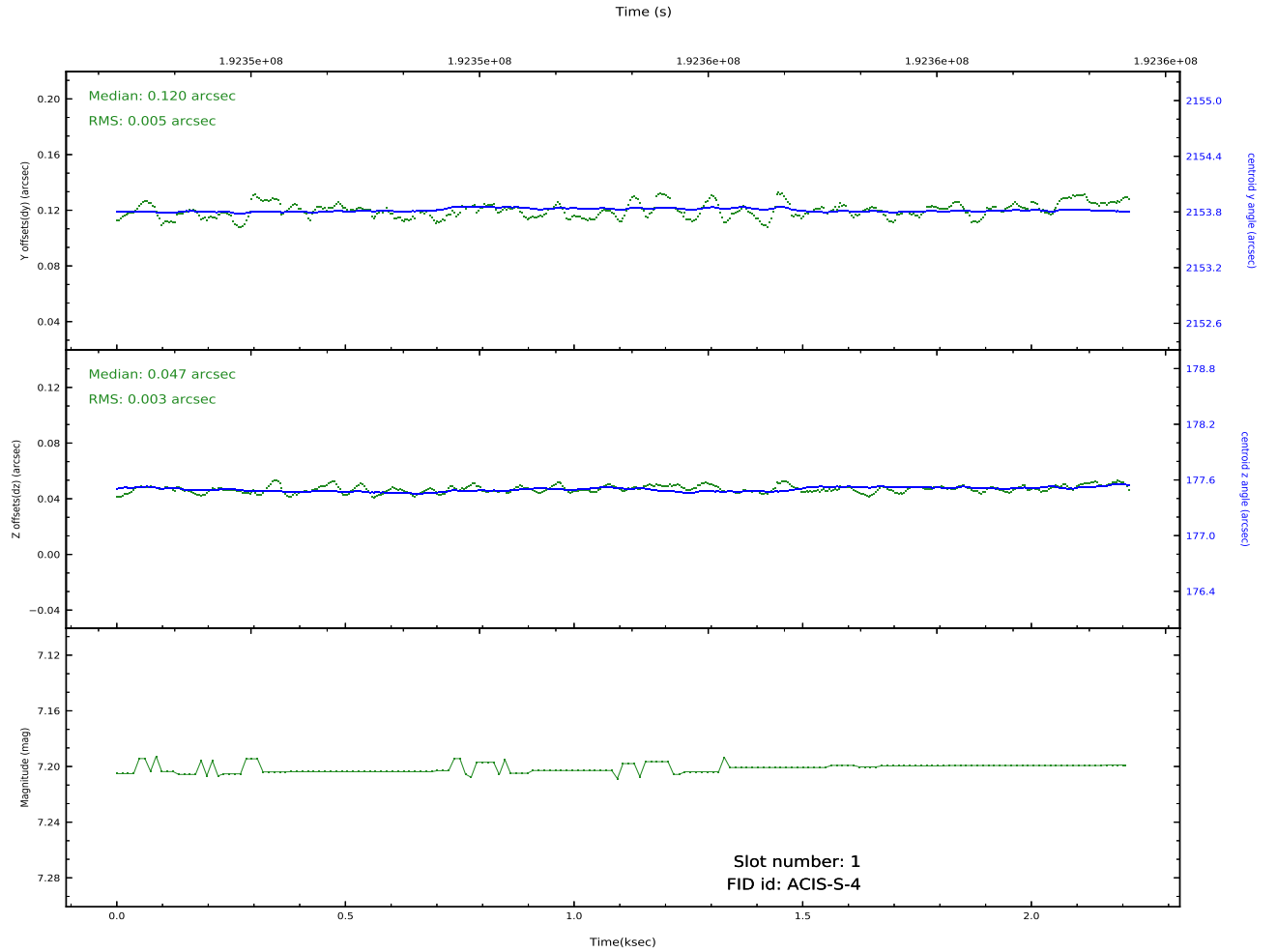
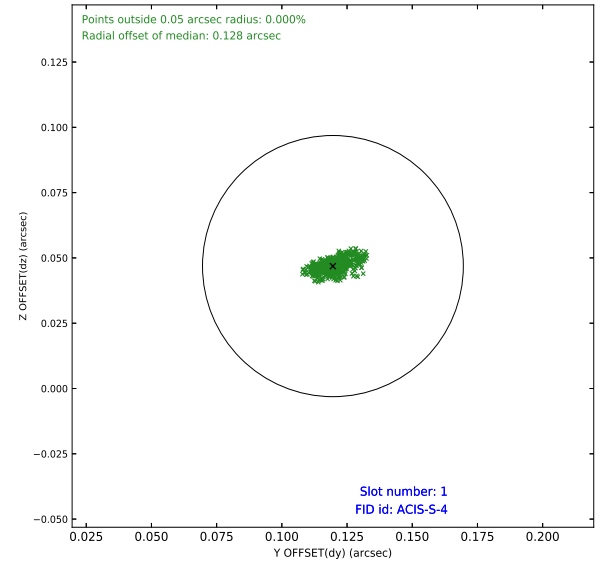
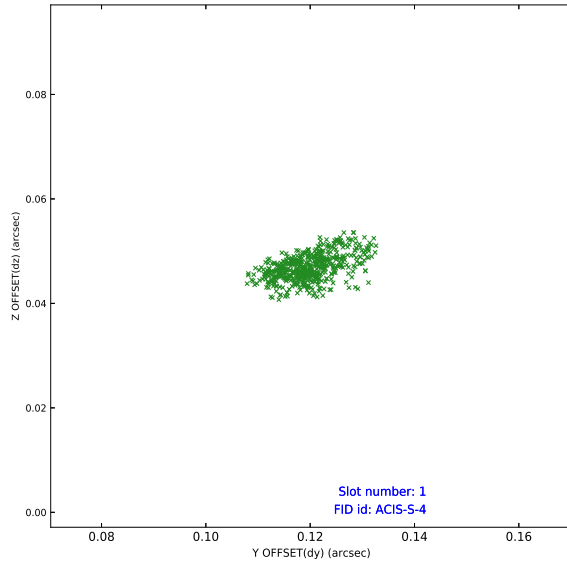


2.5 FID Slots

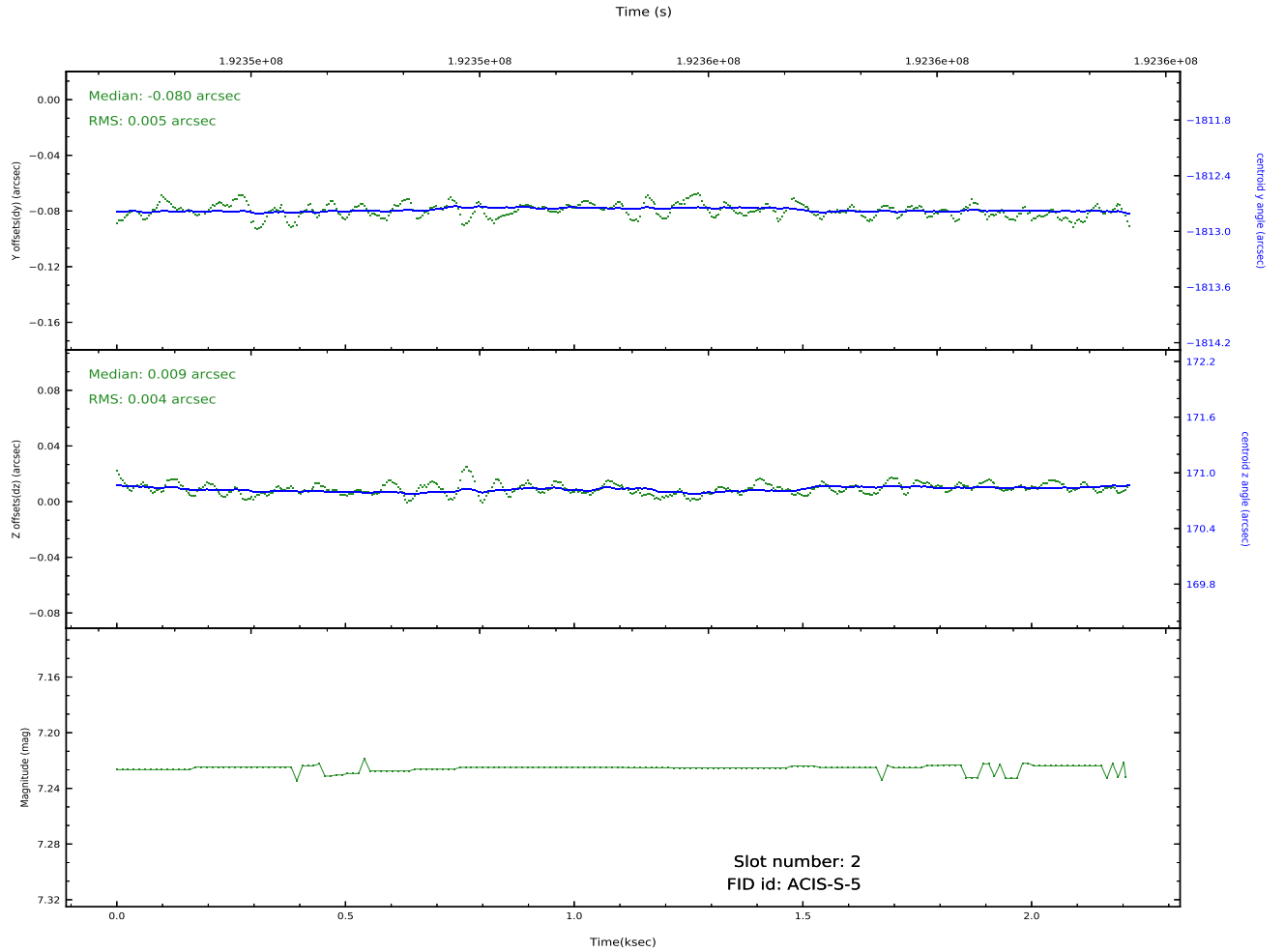
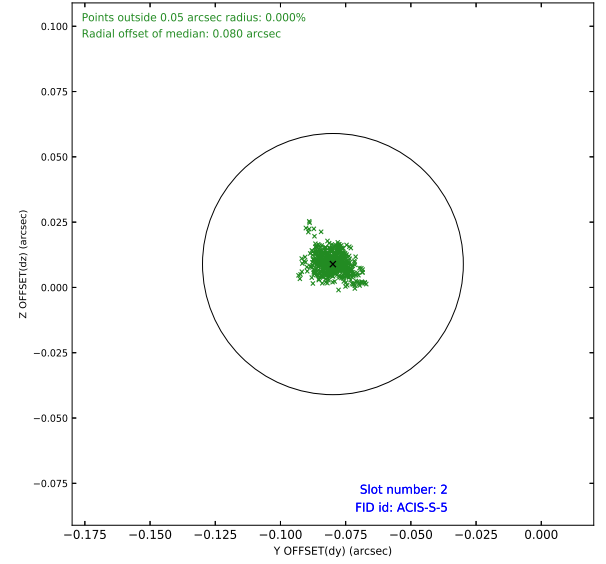
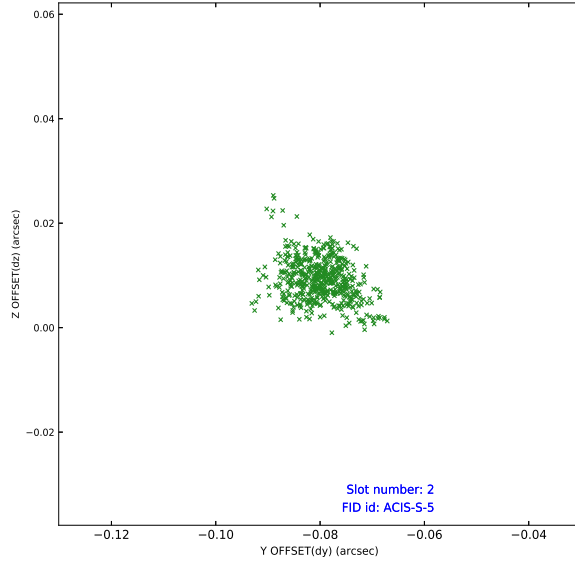
2.5.1 Slot 0



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)	2020.09.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.211

A.2 Comments