

V&V Reference Report

L2 ASCDS Version : 10.9.1

Observation 4793 - L2 Version 5
Chandra X-Ray Center

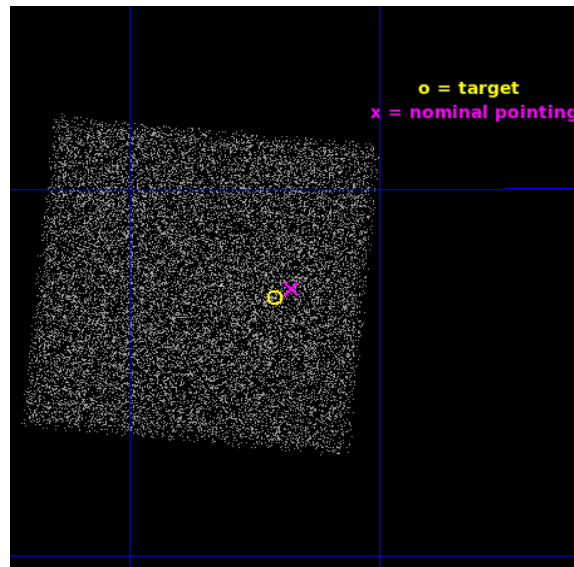
L2 Processing Date : Sep 25 2020

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1 Front

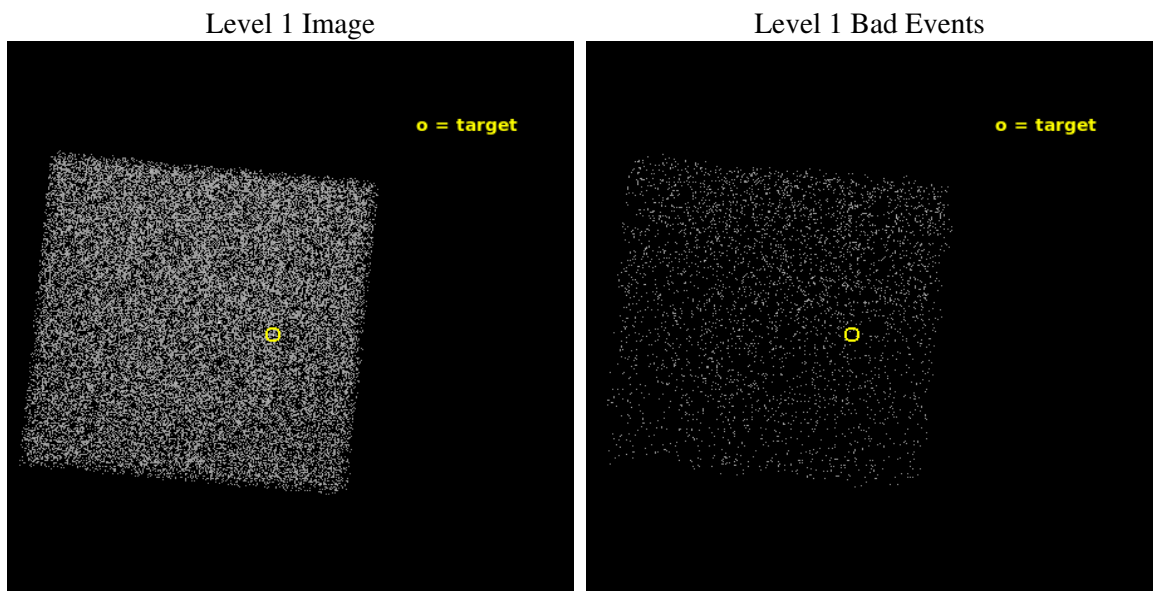
seq_num	700876	Sequence number
obs_id	4793	Observation id
title	Anchoring the AGN X-ray Luminosity Function	Proposal title
observer	Dr. JOHN SALZER	Principal investigator
object	KISS F1525-7250	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	231.1775	Observer's specified target RA [deg]
dec_targ	29.450472	Observer's specified target Dec [deg]
ra_nom	231.16880840084	Nominal RA [deg]
dec_nom	29.454671775714	Nominal Dec [deg]
roll_nom	185.57123161287	Nominal Roll [deg]
revision	5	Processing version of data
ontime	4308.0	Sum of GTIs [s]
livetime	4249.8618893537	Livetime [s]
ontime7	4308.0	Sum of GTIs [s]
l2events	21104	Number of level 2 events



2 OBI

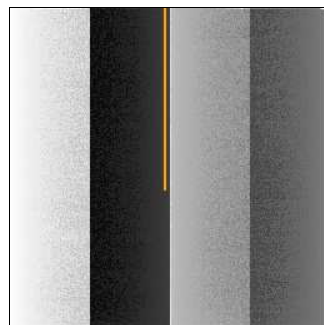
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	4132.281000	[s] Scheduled observation exposure time
ascdsver	10.9.1	Processing system revision	ontime	4308.0	Sum of GTIs [s]
caldsver	4.9.2	 	ontime7	4308.0	Sum of GTIs [s]
date	2020-09-26T02:25:50	Date and time of file creation	l1events	52042	Number of level 1 events
revision	5	Processing version of data			

2.1.4 Events

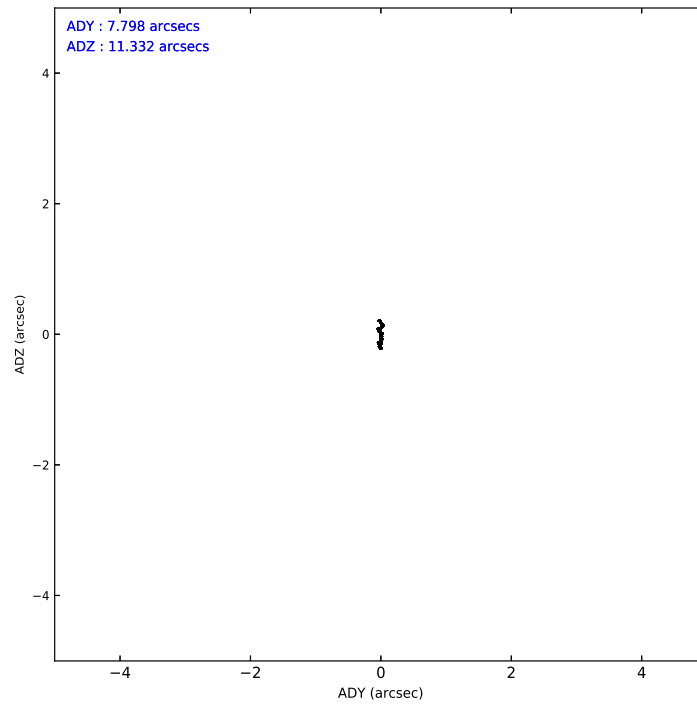
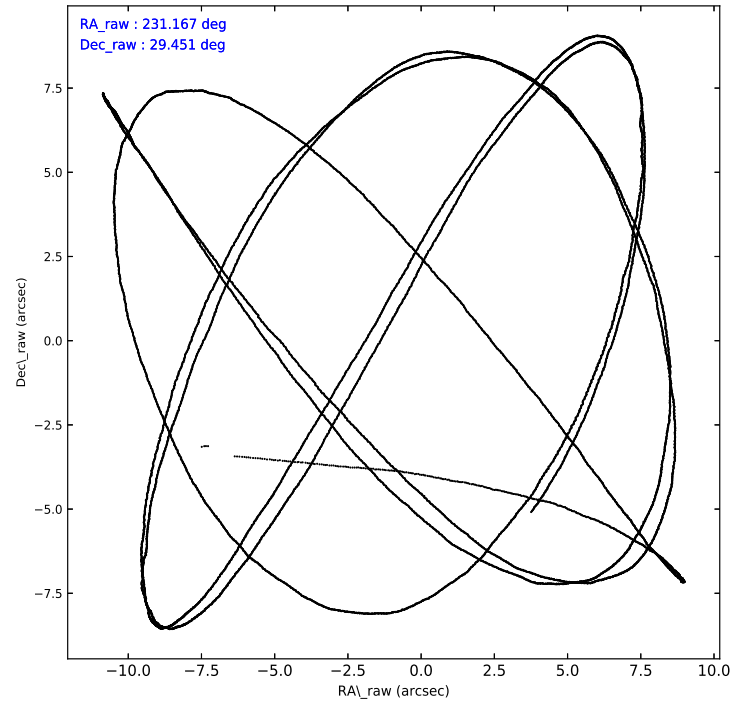
	ccd 7
level 1 events	52042
rejected events	30356
rejected %	58%

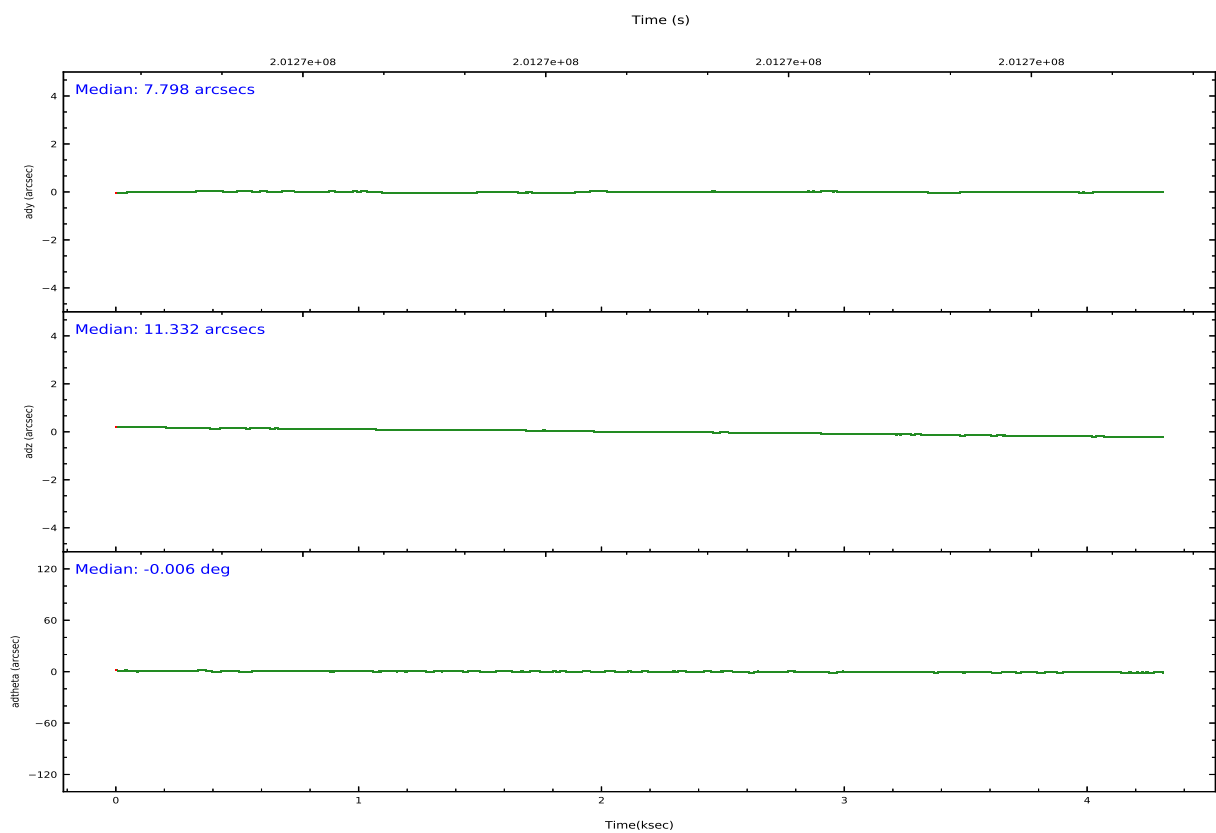
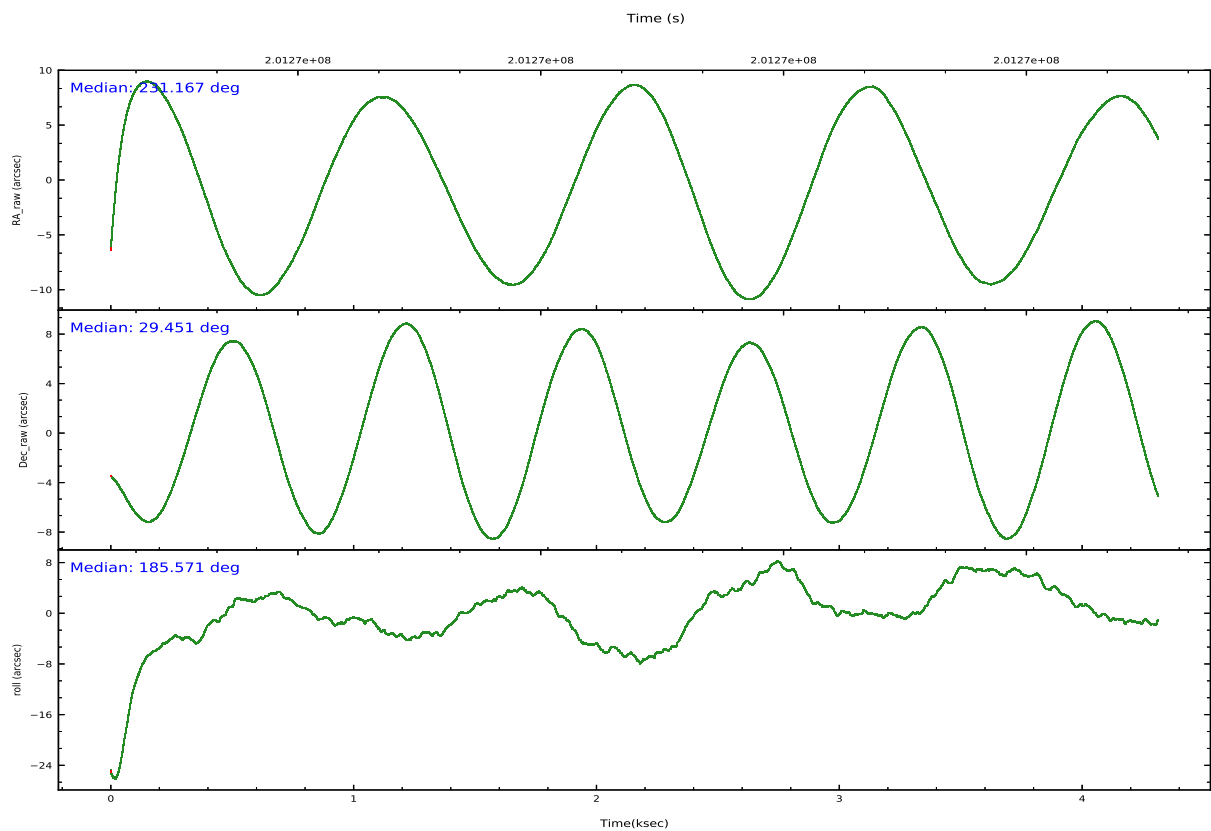
	ccd 7
grade 0 events	2249
	4%
grade 1 events	52
	0%
grade 2 events	4602
	8%
grade 3 events	2051
	3%
grade 4 events	2112
	4%
grade 5 events	4632
	8%
grade 6 events	13239
	25%
grade 7 events	23105
	44%

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	231.191625	231.16880840084	Subarray requested	NONE	NONE
[deg] Pointing Dec	29.467368	29.454671775714	Alternating exposures requested	N	N
[deg] Pointing Roll	185.399493	185.57123161287	[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)	201266411.184000	201265404.28507			
Observation start date	2004-05-18T11:19:07	2004-05-18T11:03:24			
[s] Observation end time (MET)	201270544.184000	201270858.31031			
Observation end date	2004-05-18T12:28:00	2004-05-18T12:34:18			
Read mode	TIMED	TIMED			

2.3 Aspect



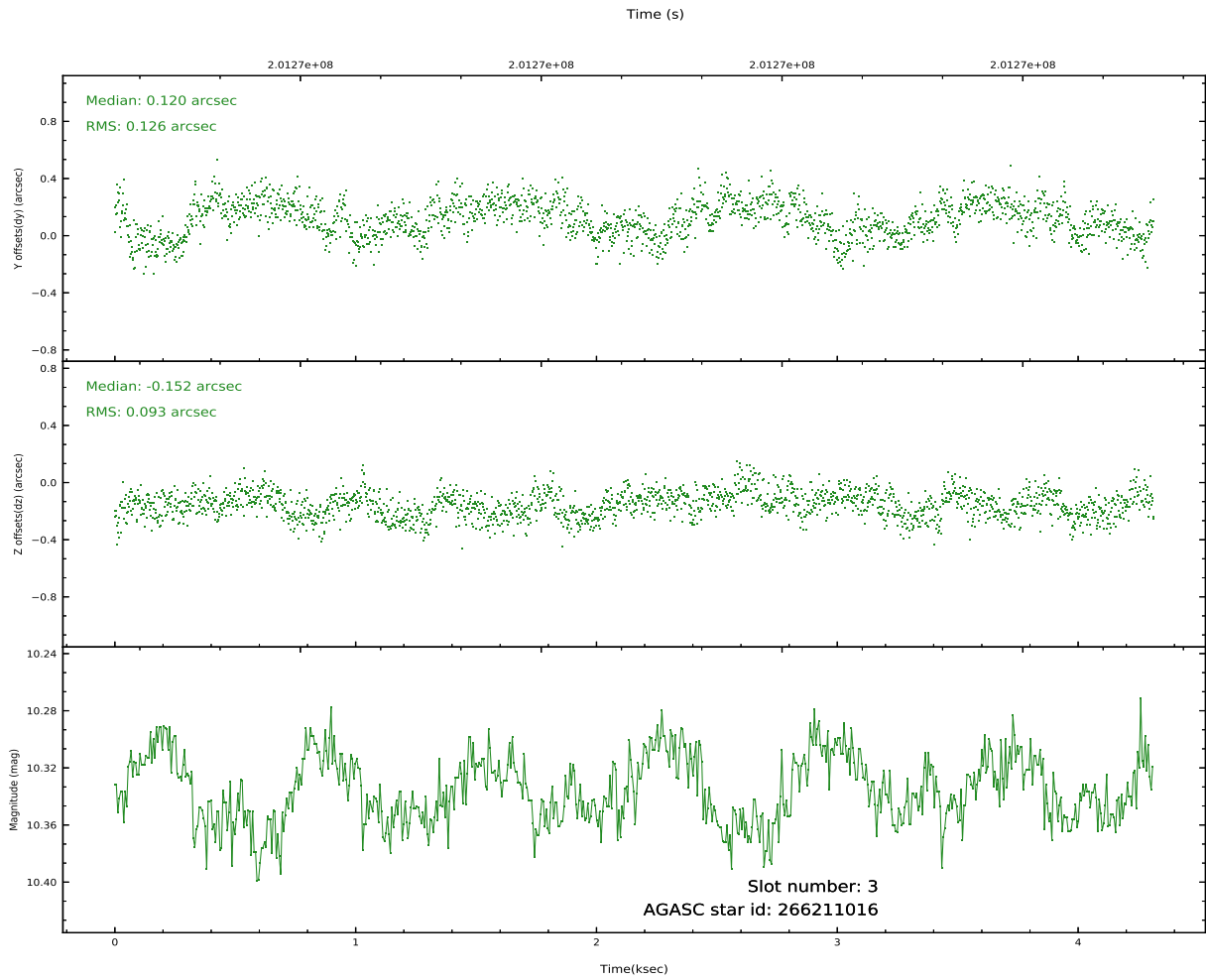
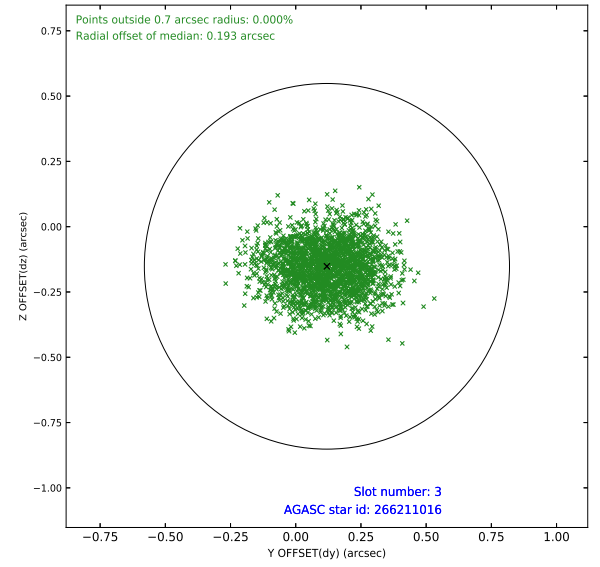
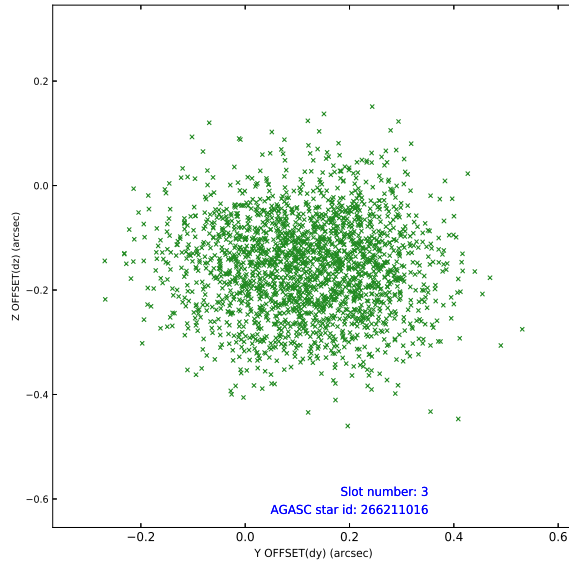


Slot Statistics

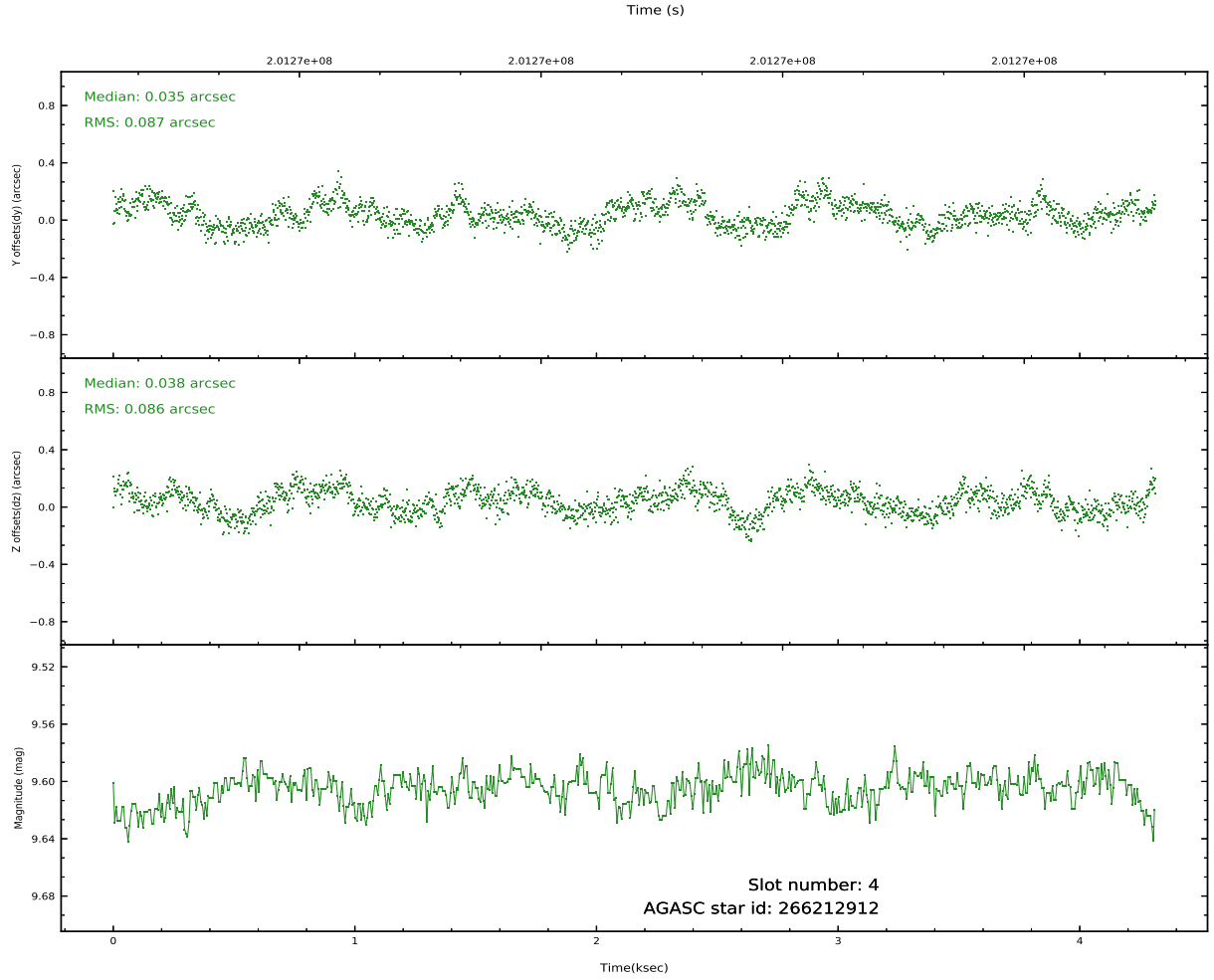
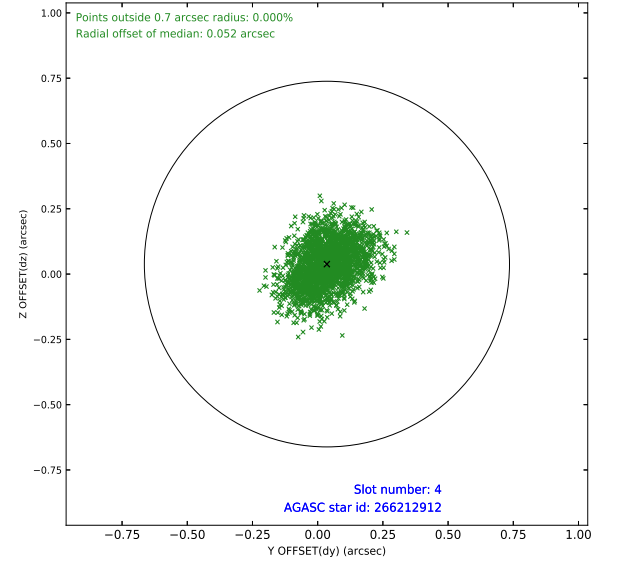
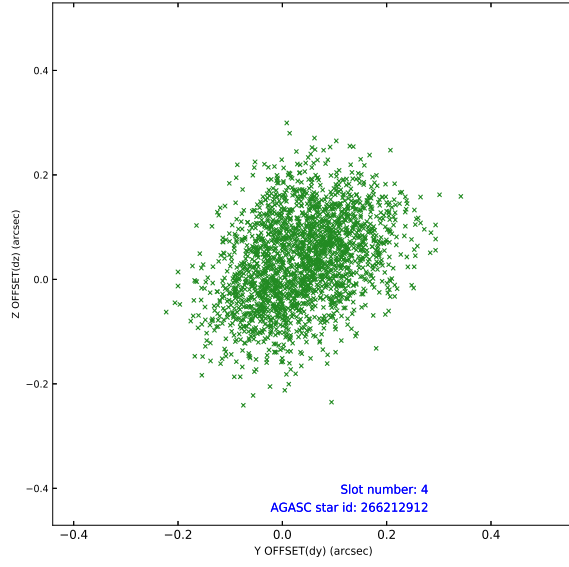
pt	status	used	id	mag	n_pts	frac_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mea
0	FID		ACIS-S-2	7.10	1053	1.000	-0.054	-0.042	0.008	0.012	0.000000	0.000000	-760.57	-1732
1	FID		ACIS-S-4	7.20	1053	1.000	0.131	0.037	0.006	0.011	0.000000	0.000000	2152.19	174
2	FID		ACIS-S-5	7.23	1053	1.000	-0.108	0.014	0.007	0.012	0.000000	0.000000	-1811.68	169
3	GUIDE	used	266211016	10.34	2100	1.000	0.120	-0.152	0.168	0.271	230.541241	29.261947	2103.20	538
4	GUIDE	used	266212912	9.60	2105	1.000	0.035	0.038	0.131	0.207	231.547551	29.728593	-1194.61	-833
5	GUIDE	used	266215928	8.26	2105	1.000	-0.059	0.054	0.092	0.143	231.261301	29.146197	-109.32	1171
6	GUIDE	used	266216280	9.10	2105	1.000	-0.059	0.102	0.089	0.156	230.814626	29.031614	1329.79	1449
7	GUIDE	used	266350560	10.83	2102	1.000	-0.037	-0.041	0.227	0.358	231.729637	28.979572	-1520.78	1904

2.4 Star Slots

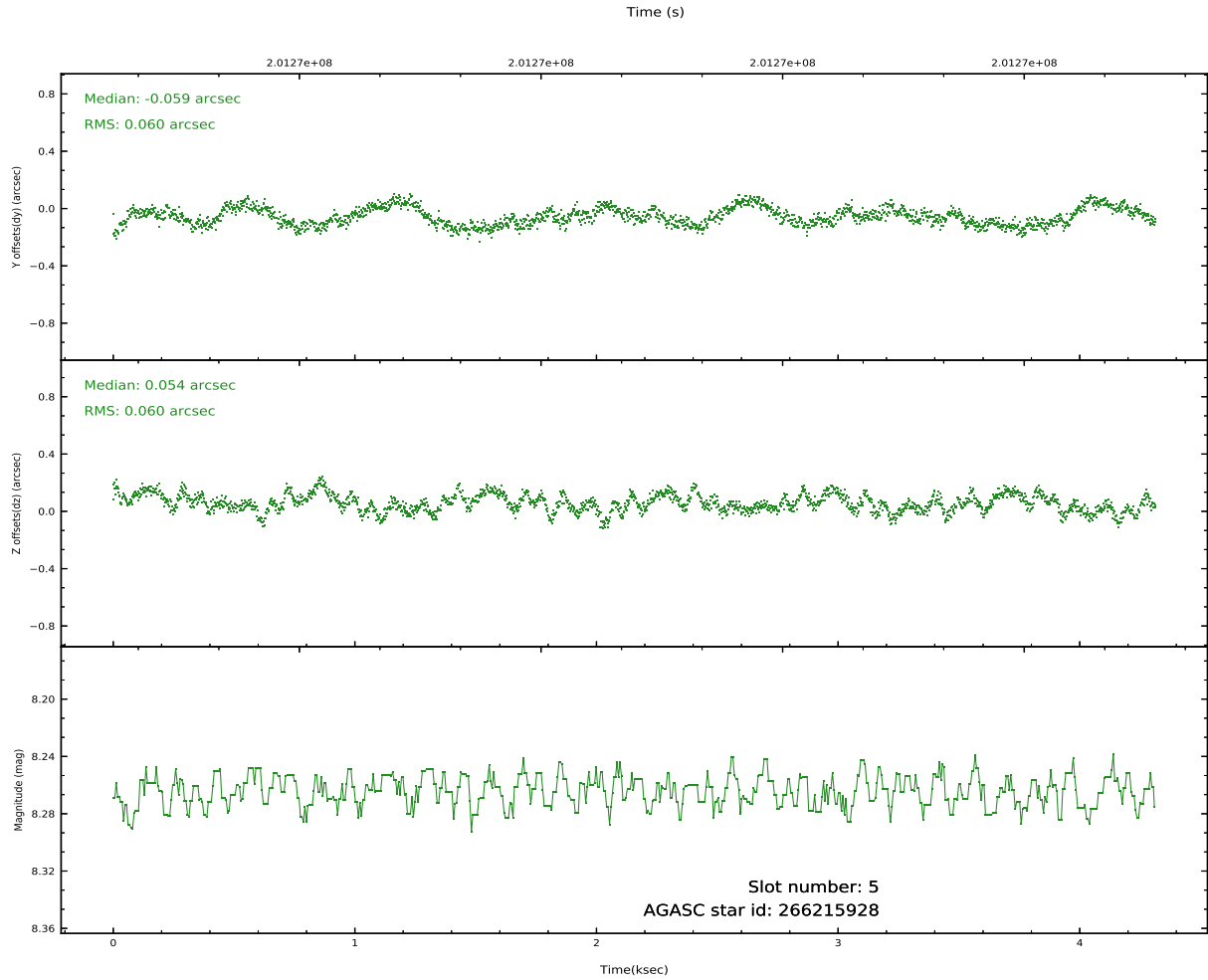
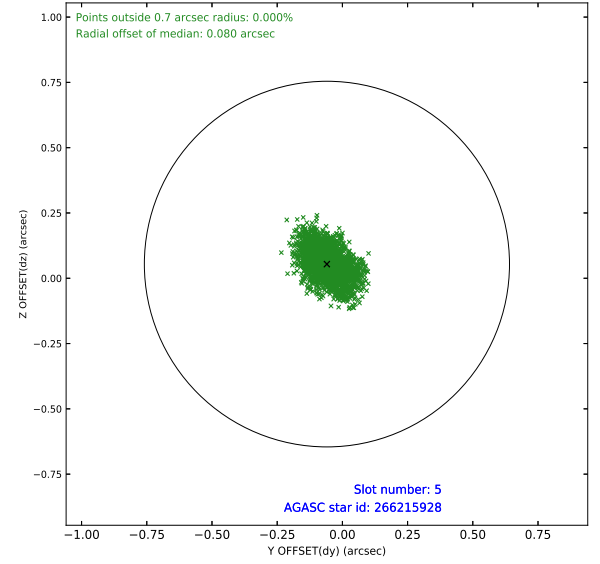
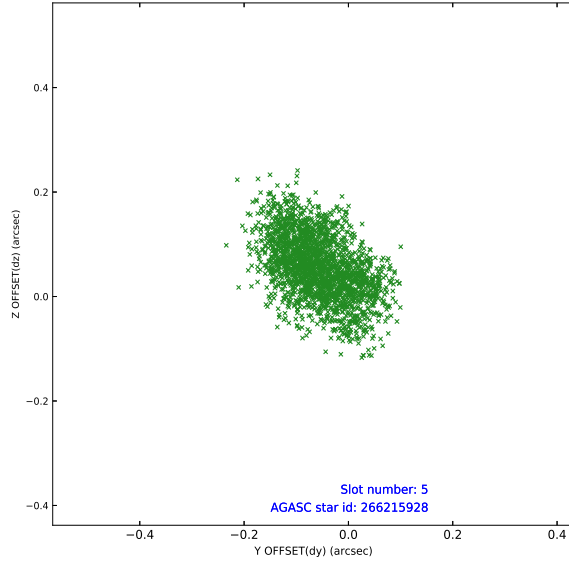
2.4.1 Slot 3



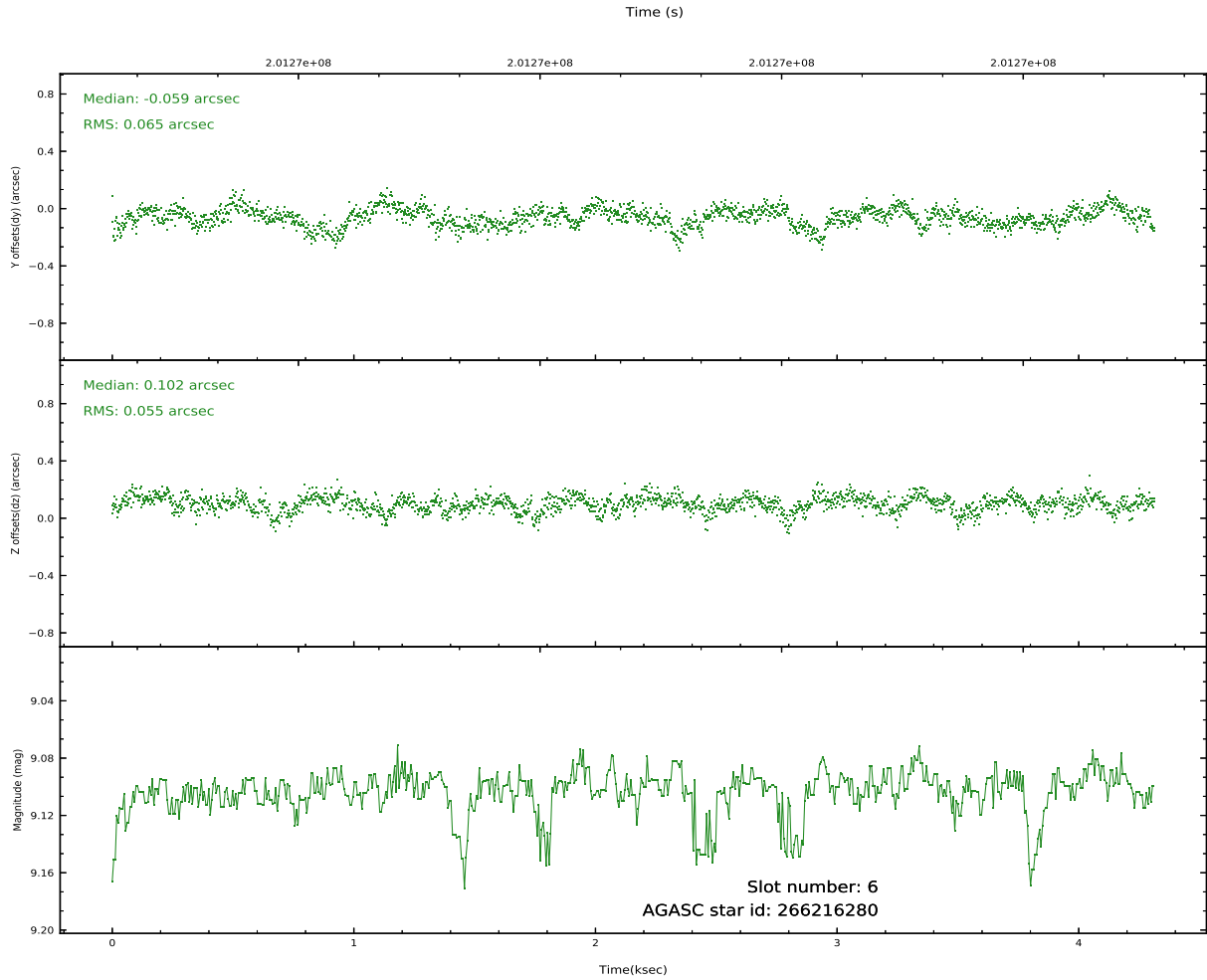
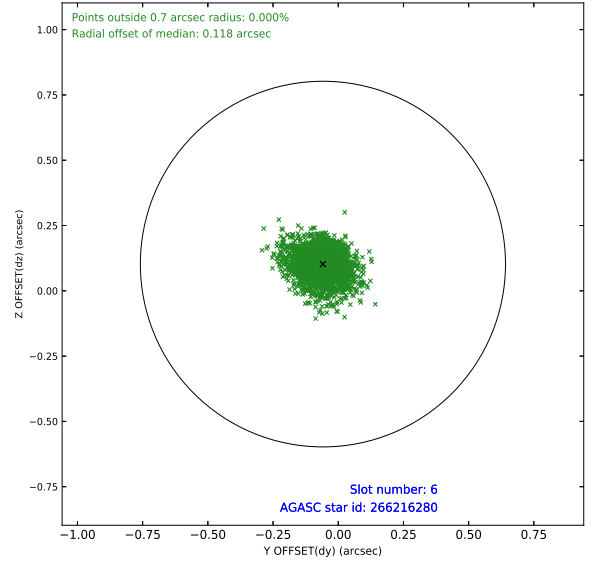
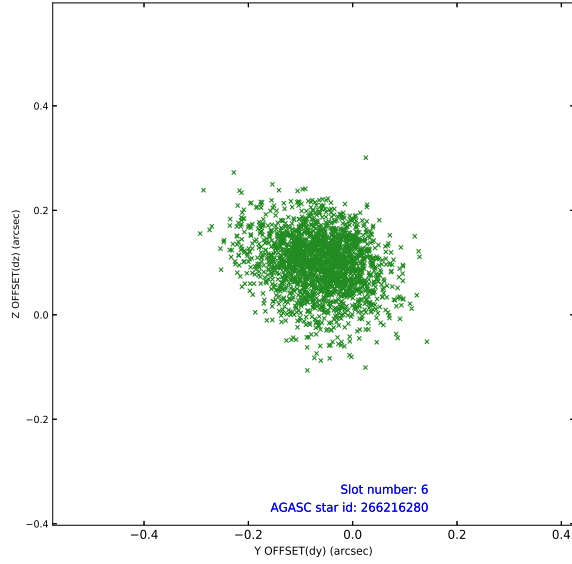
2.4.2 Slot 4



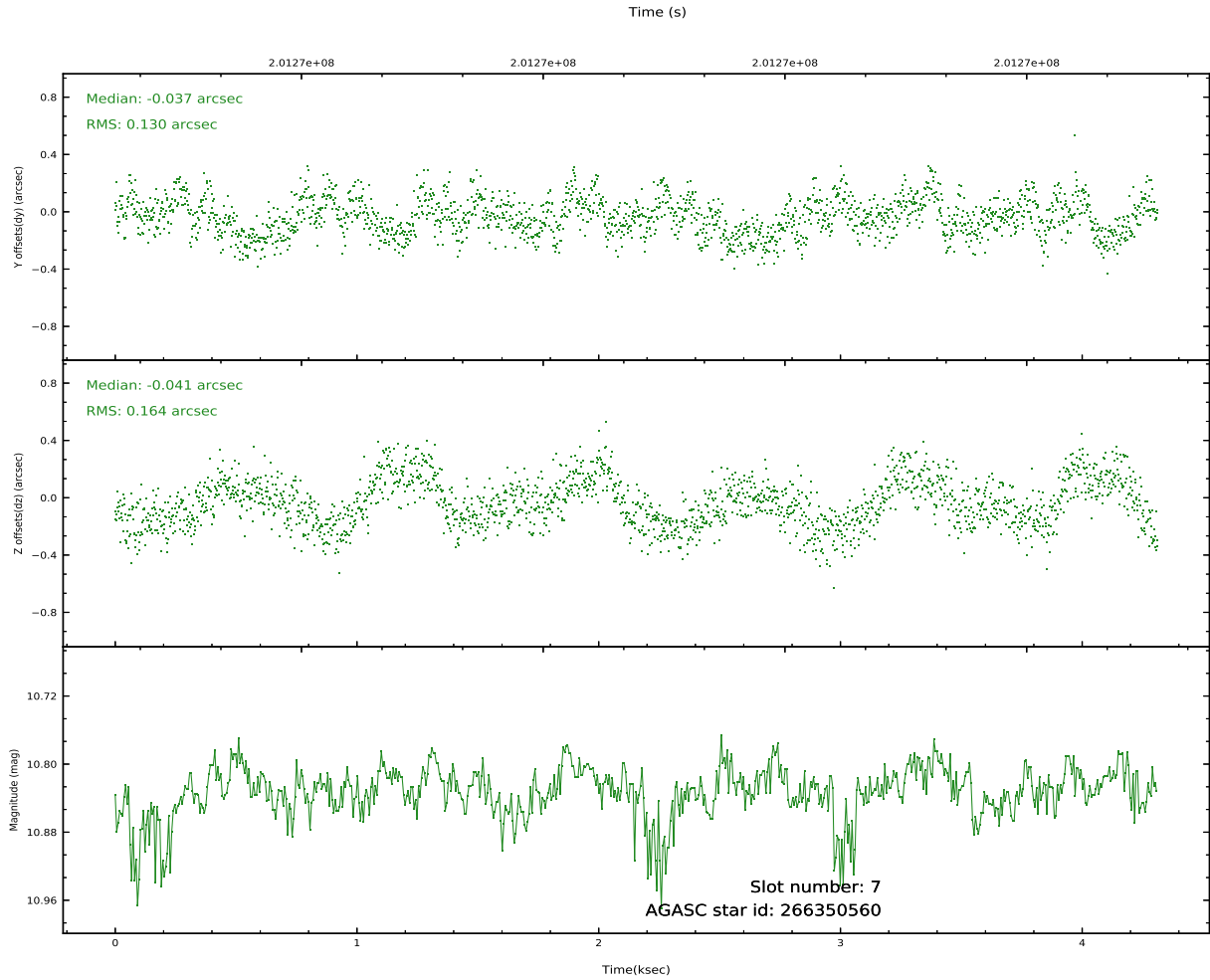
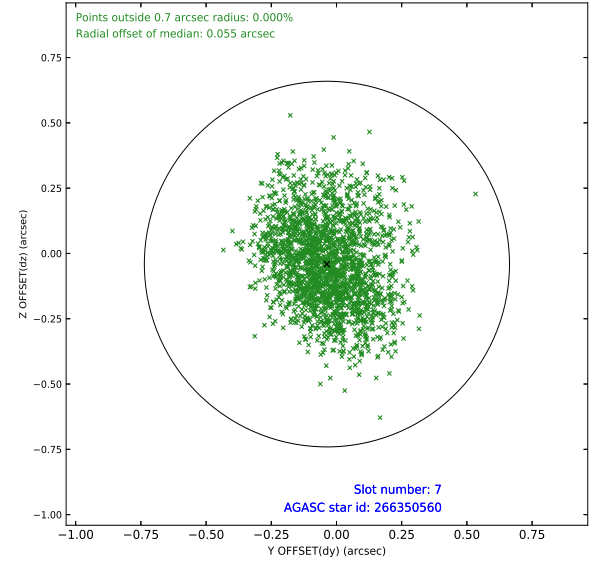
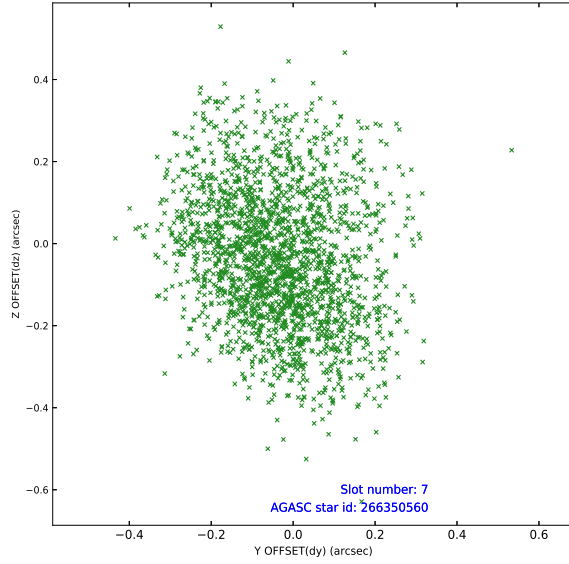
2.4.3 Slot 5



2.4.4 Slot 6

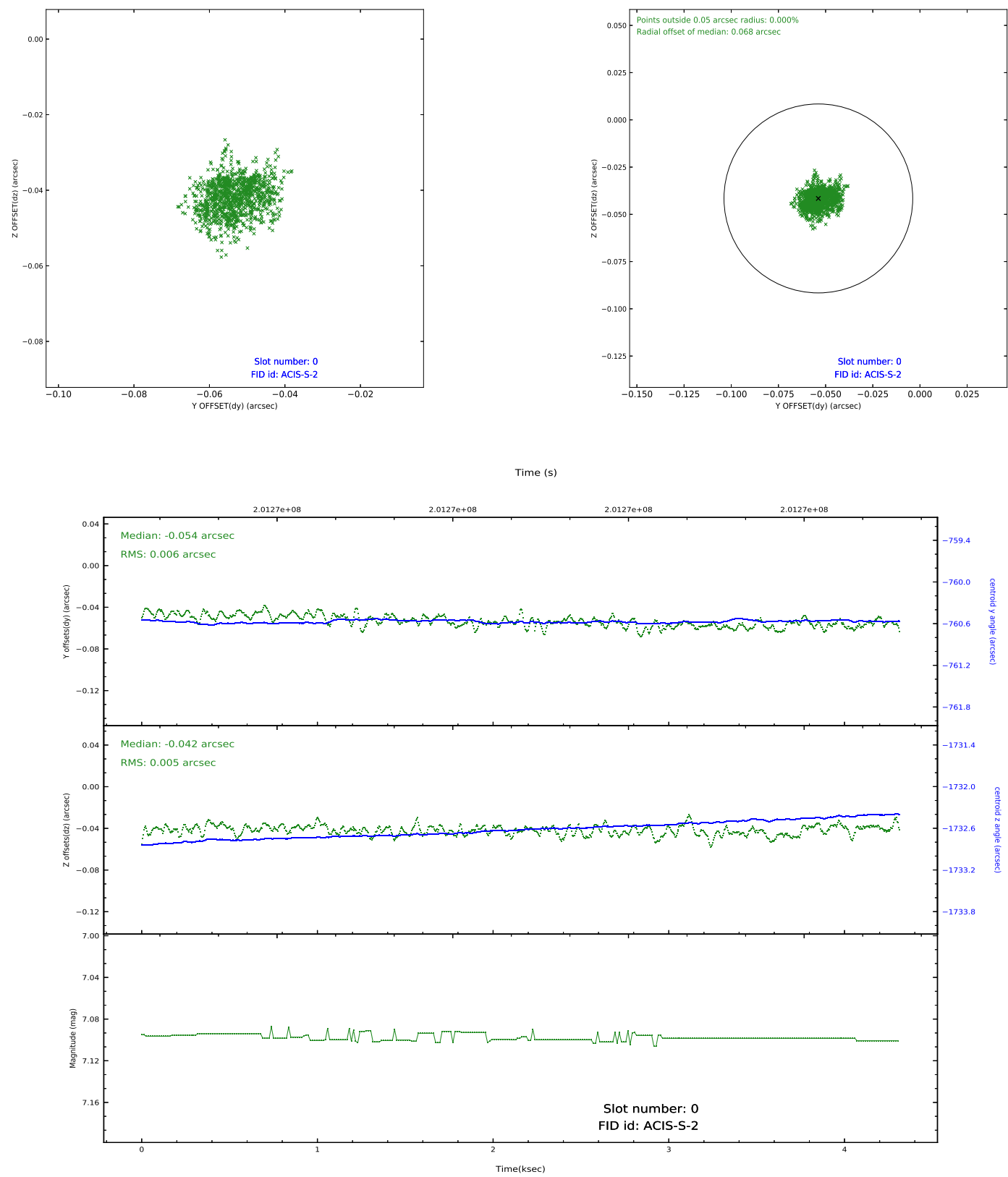


2.4.5 Slot 7

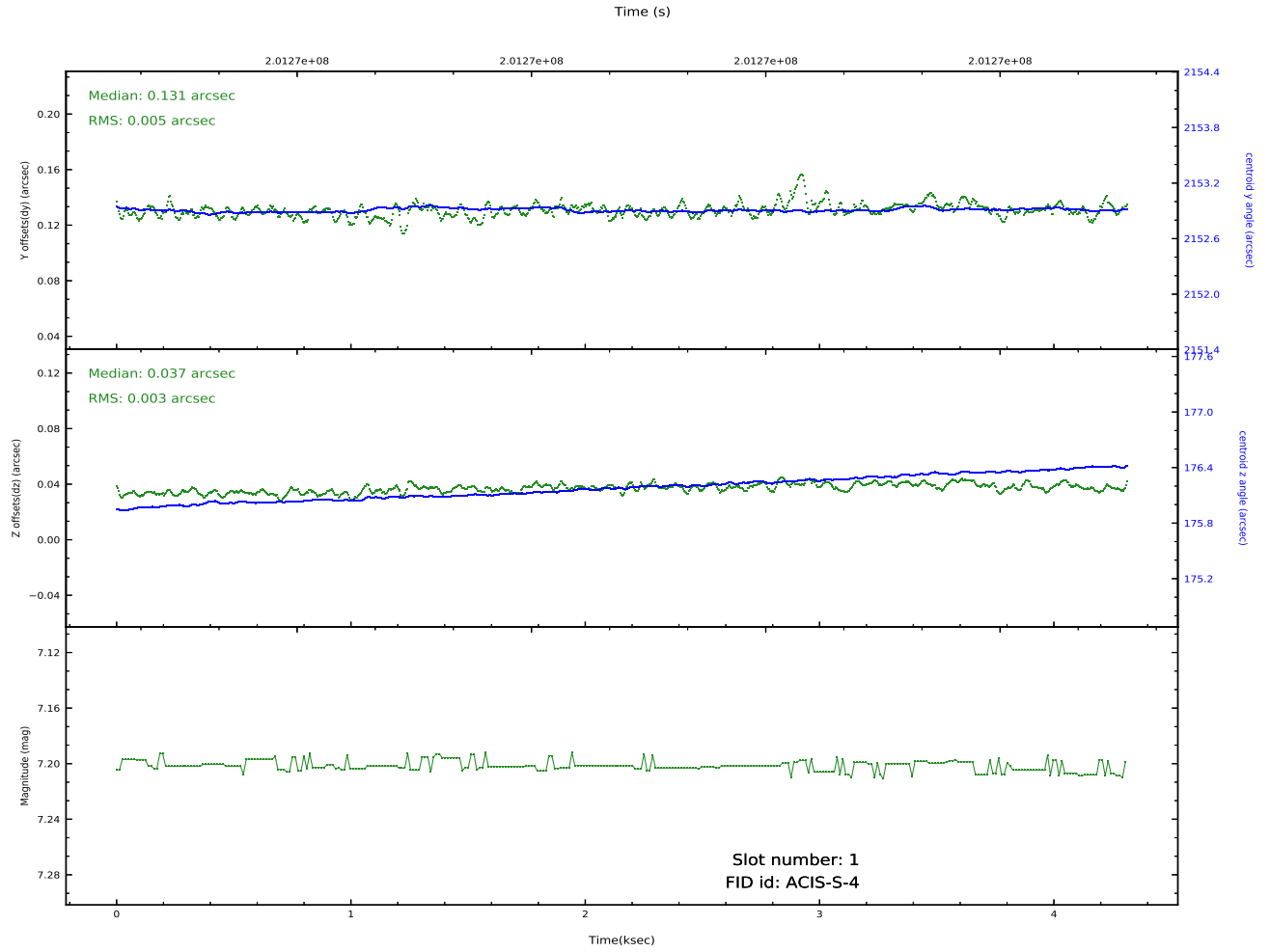
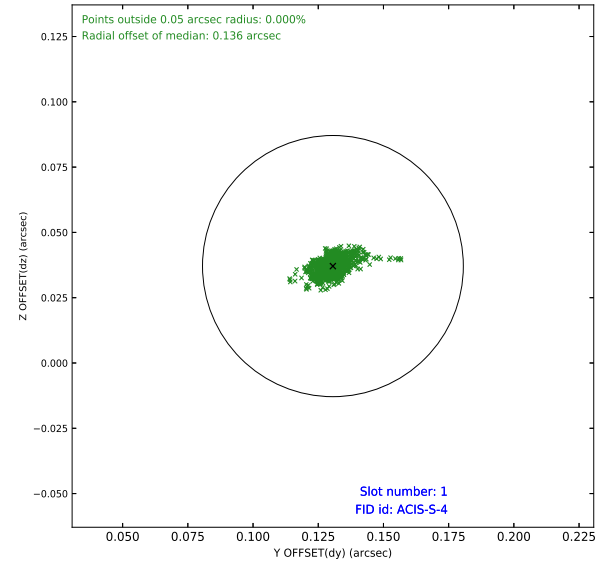
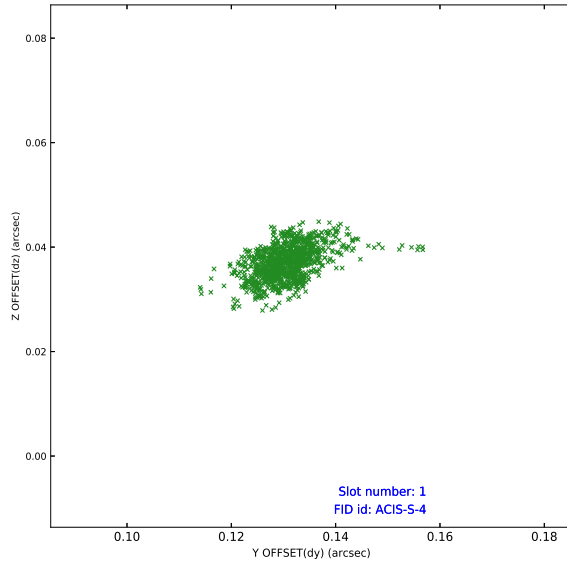


2.5 FID Slots

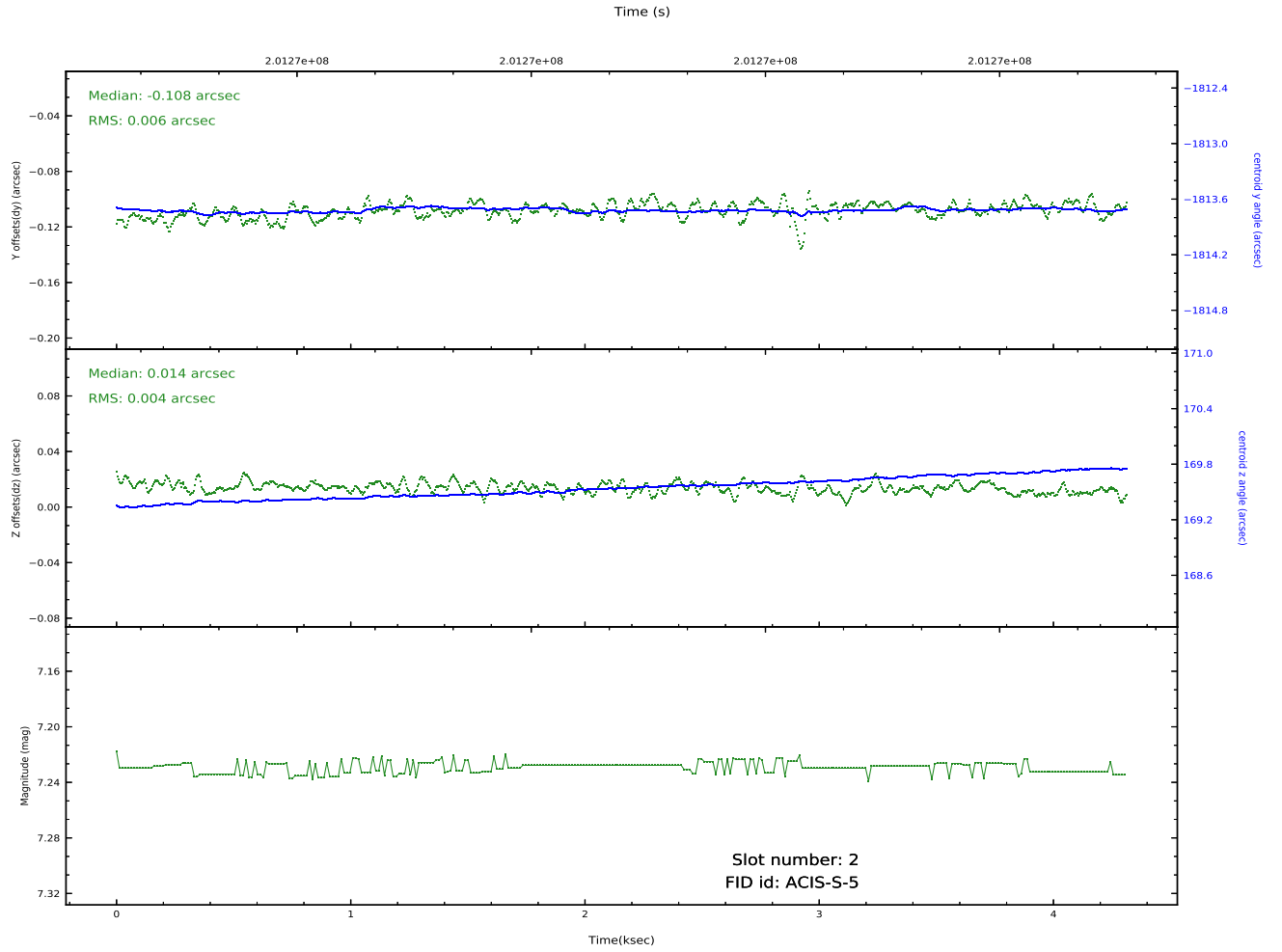
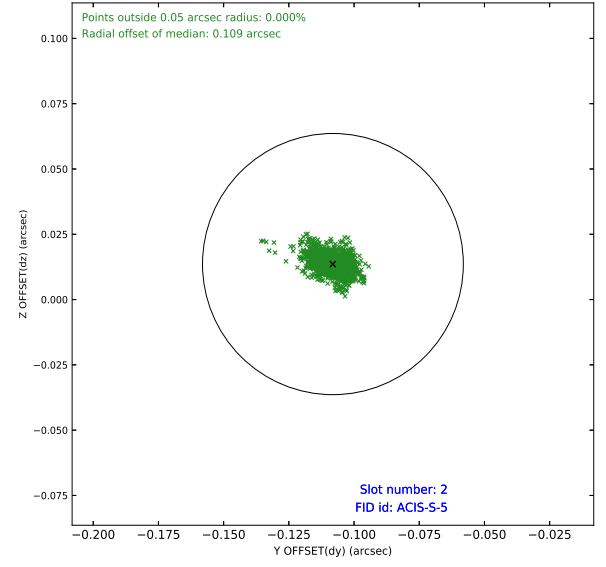
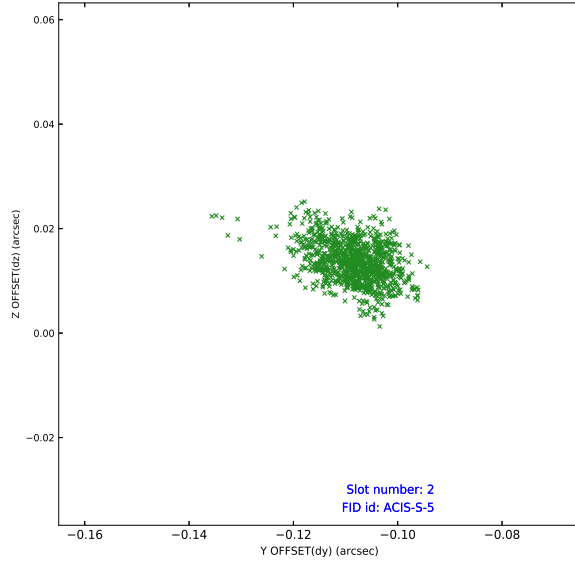
2.5.1 Slot 0



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)	2020.09.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.308

A.2 Comments