

V&V Reference Report

L2 ASCDS Version : 10.9.1

Observation 4776 - L2 Version 5
Chandra X-Ray Center

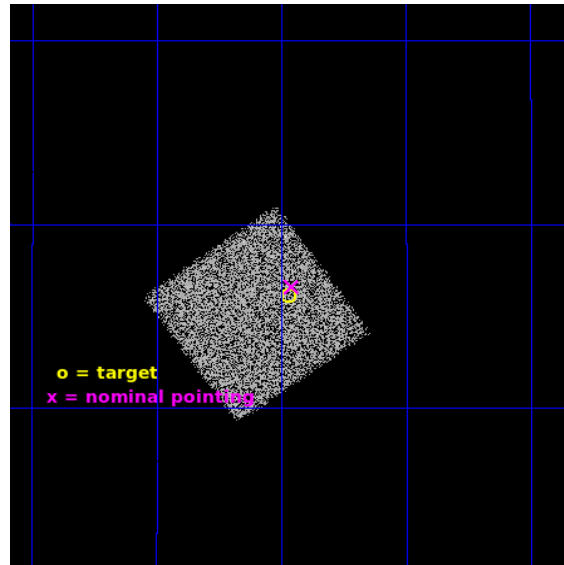
L2 Processing Date : Sep 24 2020

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1 Front

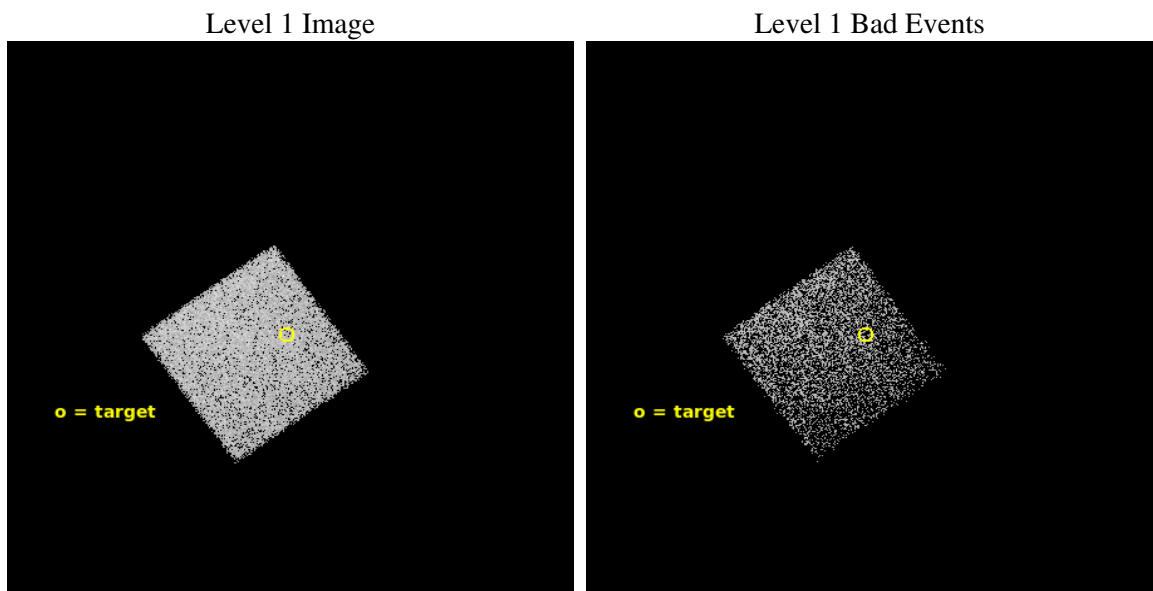
seq_num	700859	Sequence number
obs_id	4776	Observation id
title	Anchoring the AGN X-ray Luminosity Function	Proposal title
observer	Dr. JOHN SALZER	Principal investigator
object	KISS F1320-4207	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	200.118	Observer's specified target RA [deg]
dec_targ	29.602	Observer's specified target Dec [deg]
ra_nom	200.11442429373	Nominal RA [deg]
dec_nom	29.610265081539	Nominal Dec [deg]
roll_nom	144.56019686531	Nominal Roll [deg]
revision	5	Processing version of data
ontime	4642.6726008952	Sum of GTIs [s]
livetime	4580.0179552671	Livetime [s]
ontime7	4642.6726008952	Sum of GTIs [s]
l2events	16741	Number of level 2 events



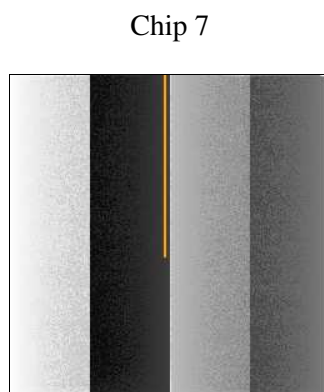
2 OBI

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	4642.6726008952	Sum of GTIs [s]
caldsver	4.9.2	 	ontime7	4642.6726008952	Sum of GTIs [s]
date	2020-09-24T11:52:37	Date and time of file creation	l1events	41655	Number of level 1 events
revision	5	Processing version of data			

2.1.4 Events

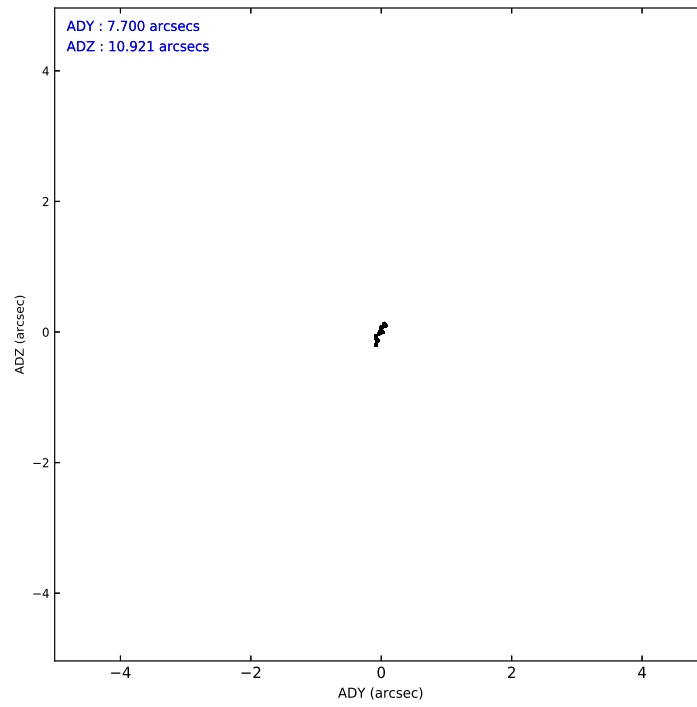
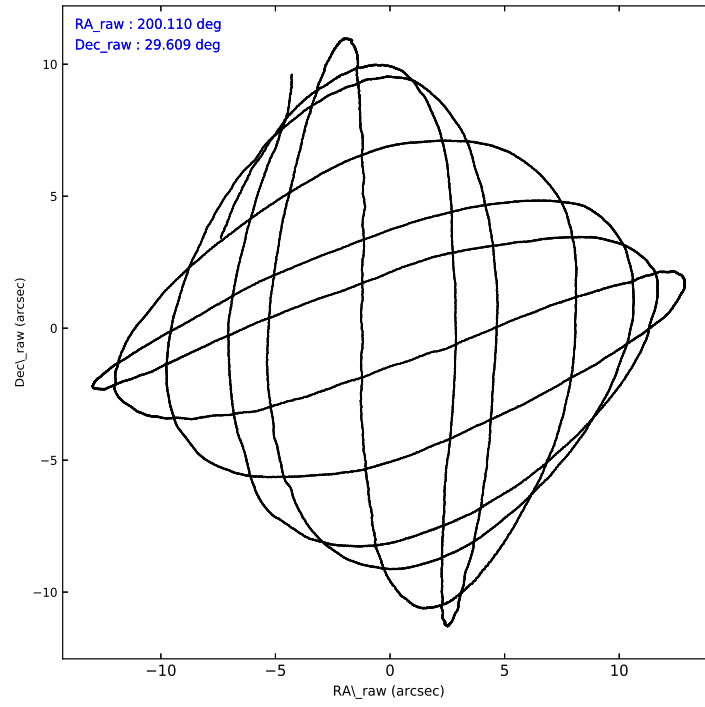
	ccd 7
level 1 events	41655
rejected events	24375
rejected %	58%

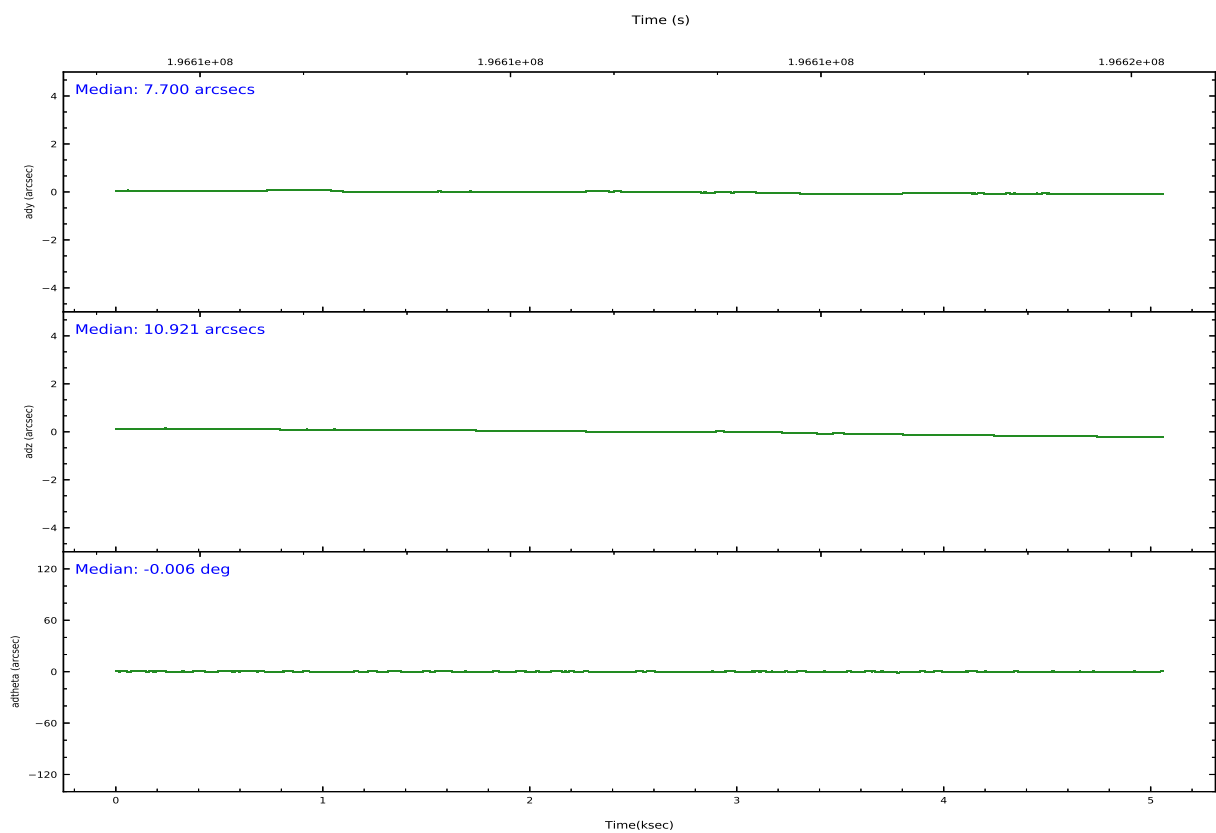
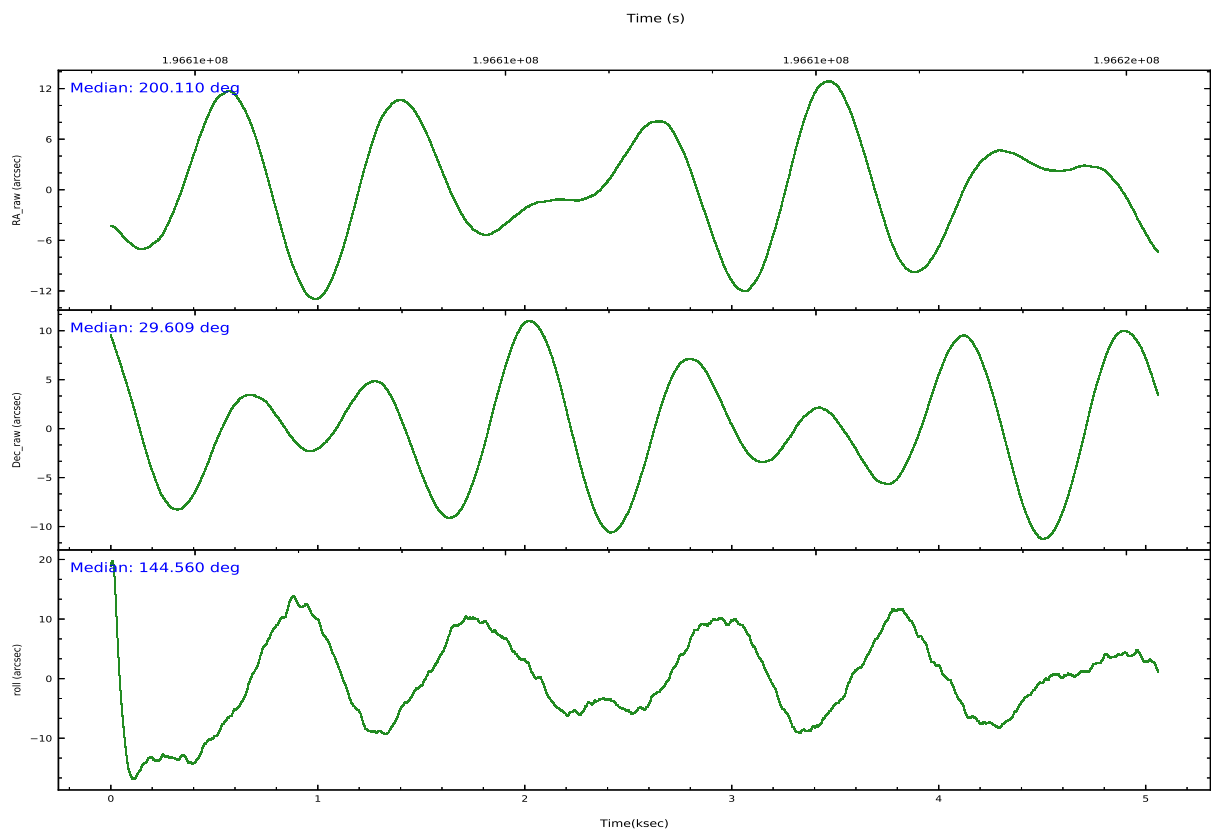
	ccd 7
grade 0 events	1540
	3%
grade 1 events	34
	0%
grade 2 events	3411
	8%
grade 3 events	1527
	3%
grade 4 events	1554
	3%
grade 5 events	3989
	9%
grade 6 events	9255
	22%
grade 7 events	20345
	48%

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	200.141426	200.11442429373	Subarray requested	NONE	NONE
[deg] Pointing Dec	29.606680	29.610265081539	Alternating exposures requested	N	N
[deg] Pointing Roll	144.388427	144.56019686531	[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)	196611154.184000	196609754.655			
Observation start date	2004-03-25T14:11:30	2004-03-25T13:49:14			
[s] Observation end time (MET)	196615154.184000	196616279.29278			
Observation end date	2004-03-25T15:18:10	2004-03-25T15:37:59			
Read mode	TIMED	TIMED			

2.3 Aspect



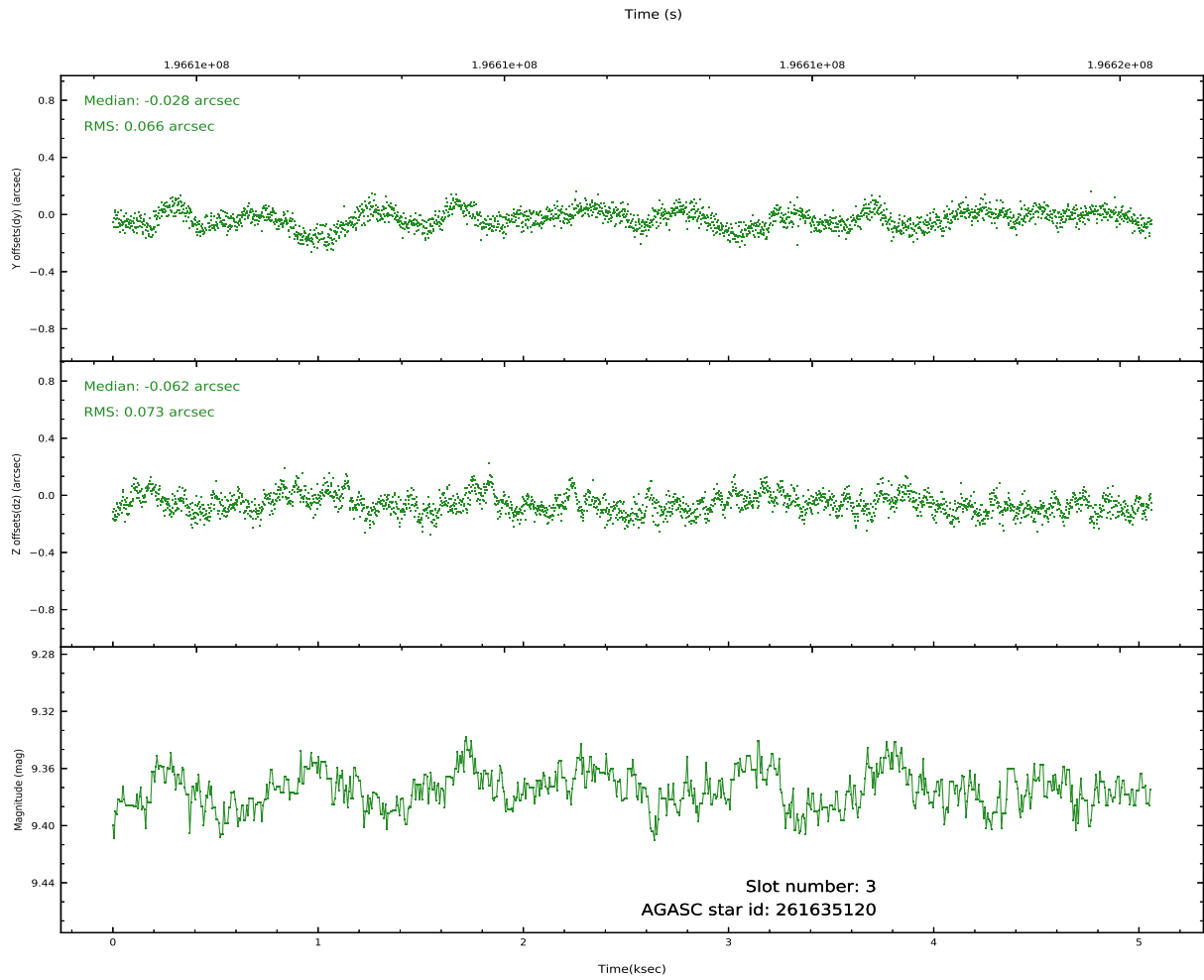
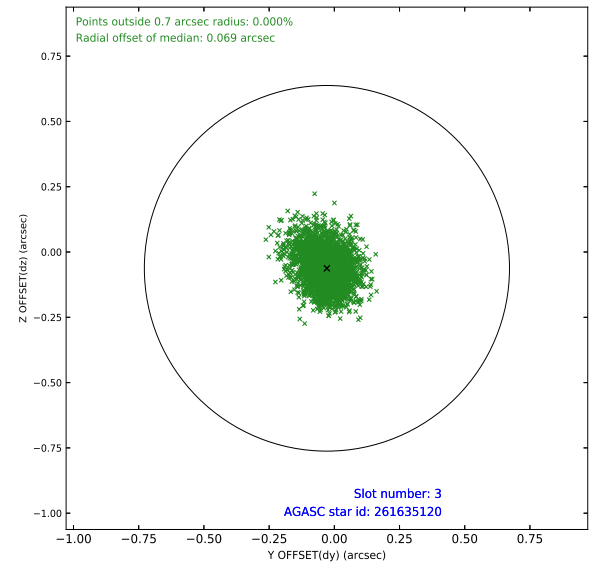
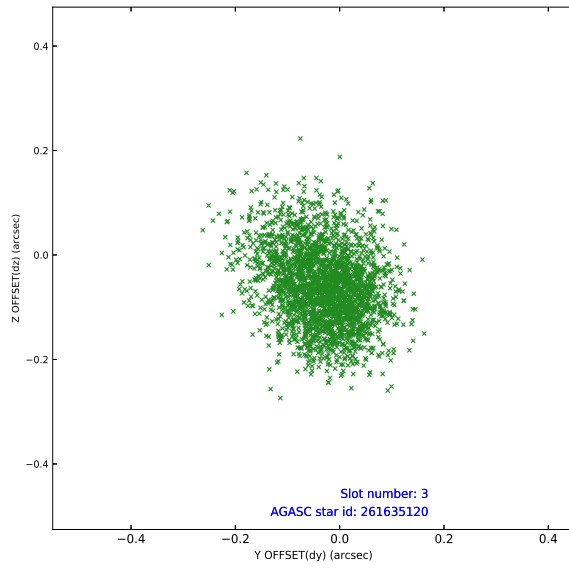


Slot Statistics

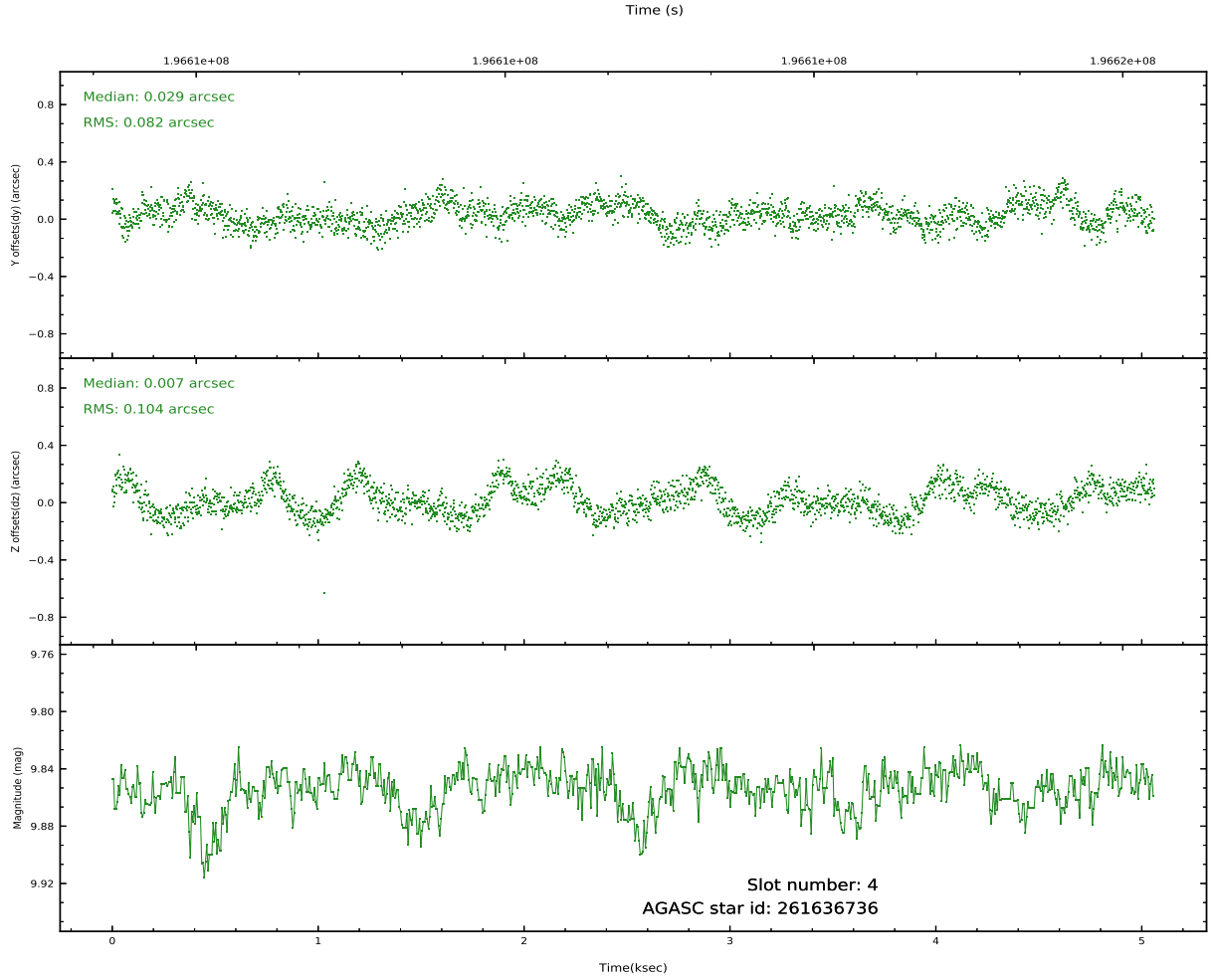
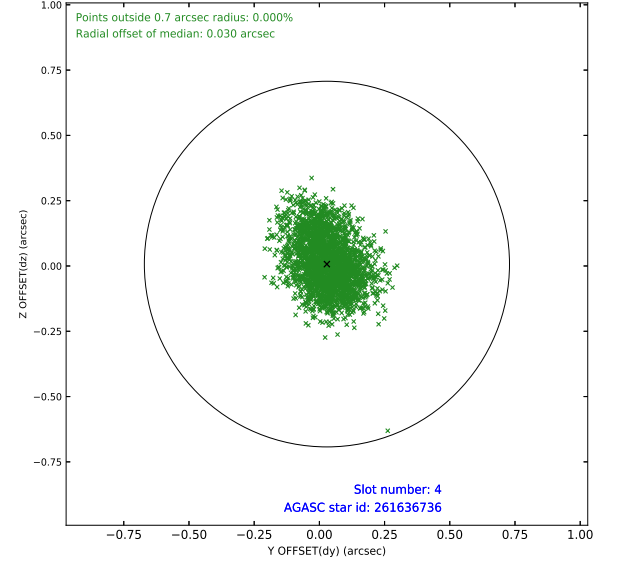
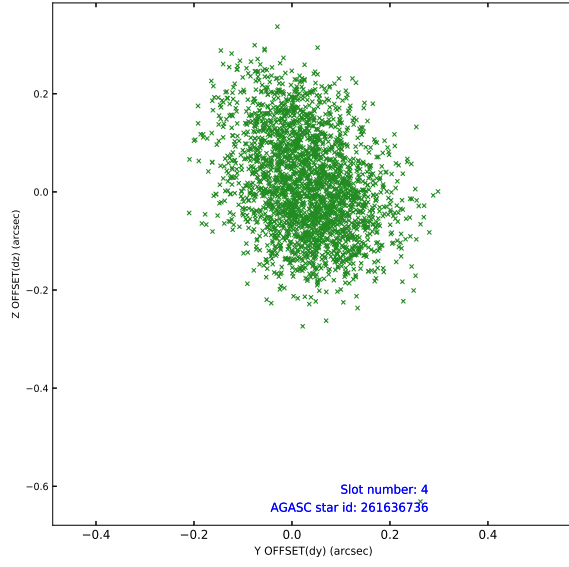
pt	status	used	id	mag	n_pts	frac_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mea
0	FID		ACIS-S-2	7.10	1235	1.000	-0.065	-0.046	0.007	0.010	0.000000	0.000000	-760.46	-1732
1	FID		ACIS-S-4	7.20	1235	1.000	0.137	0.044	0.005	0.009	0.000000	0.000000	2152.41	175
2	FID		ACIS-S-5	7.23	1234	1.000	-0.103	0.011	0.006	0.011	0.000000	0.000000	-1811.86	170
3	GUIDE	used	261635120	9.37	2470	1.000	-0.028	-0.062	0.104	0.172	200.629723	29.931982	-554.54	-1841
4	GUIDE	used	261636736	9.85	2467	1.000	0.029	0.007	0.143	0.225	200.597637	29.120397	-2184.17	585
5	GUIDE	used	261637664	10.47	2466	1.000	0.025	-0.089	0.263	0.433	200.331702	28.823138	-2131.33	1943
6	GUIDE	used	262538384	10.07	2468	1.000	-0.185	0.085	0.168	0.256	201.107455	29.696999	-2260.10	-2032
7	GUIDE	used	332267712	10.19	2466	1.000	0.168	0.063	0.155	0.262	199.837749	30.390593	2410.24	-1746

2.4 Star Slots

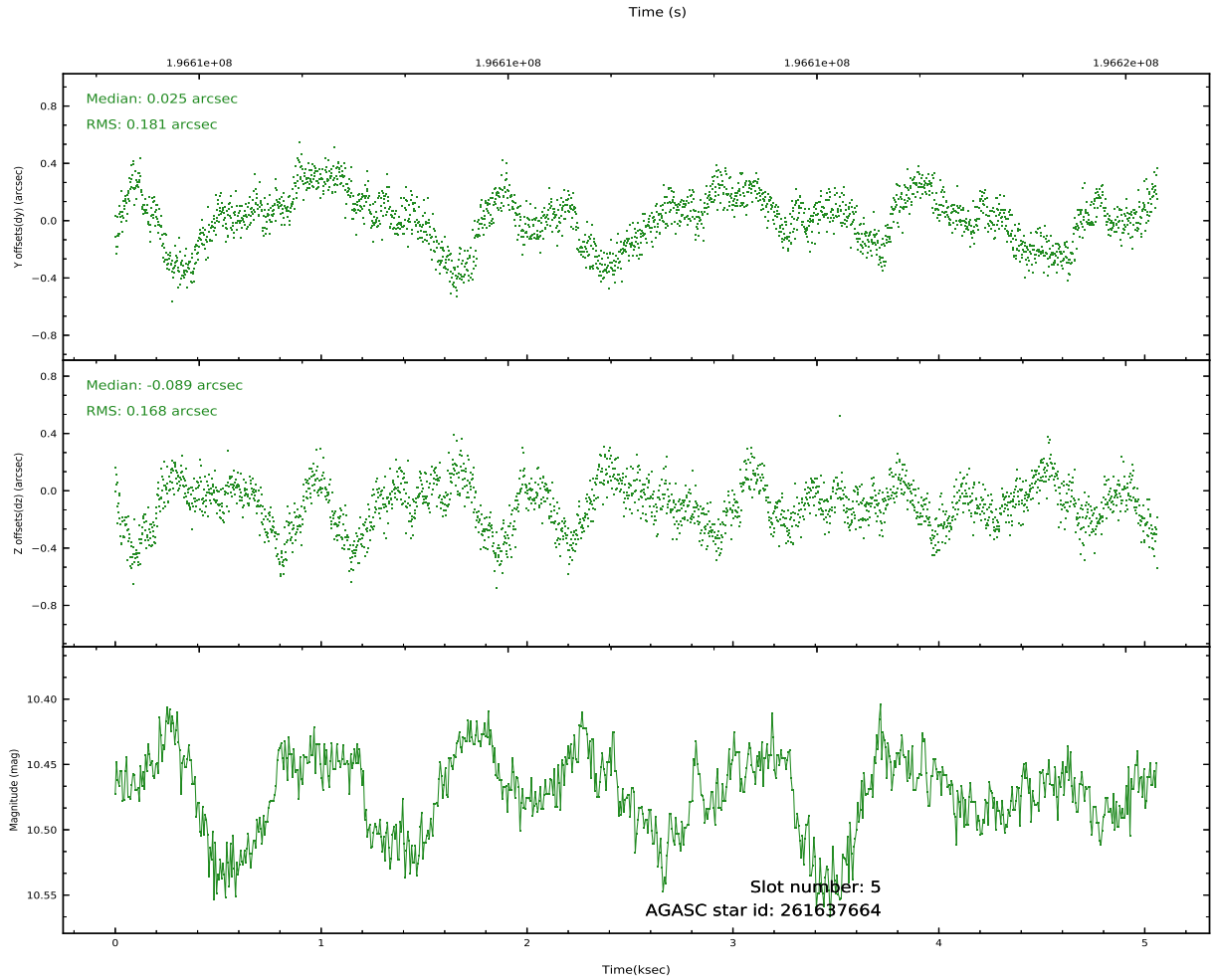
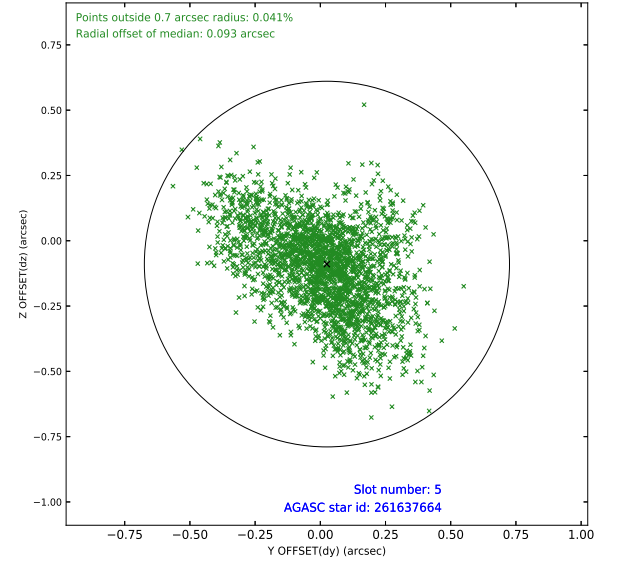
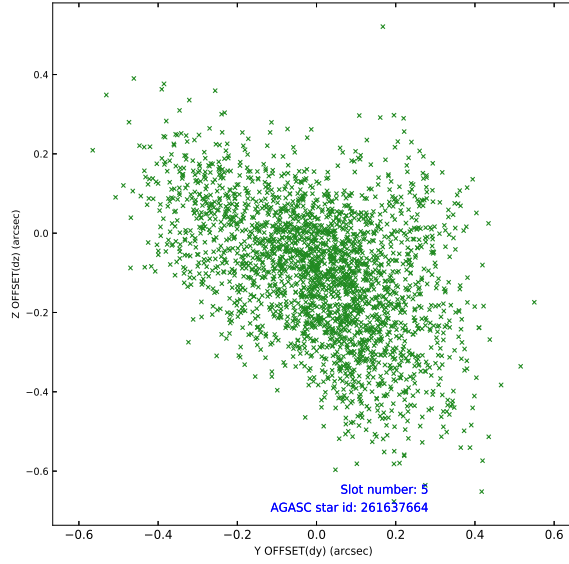
2.4.1 Slot 3



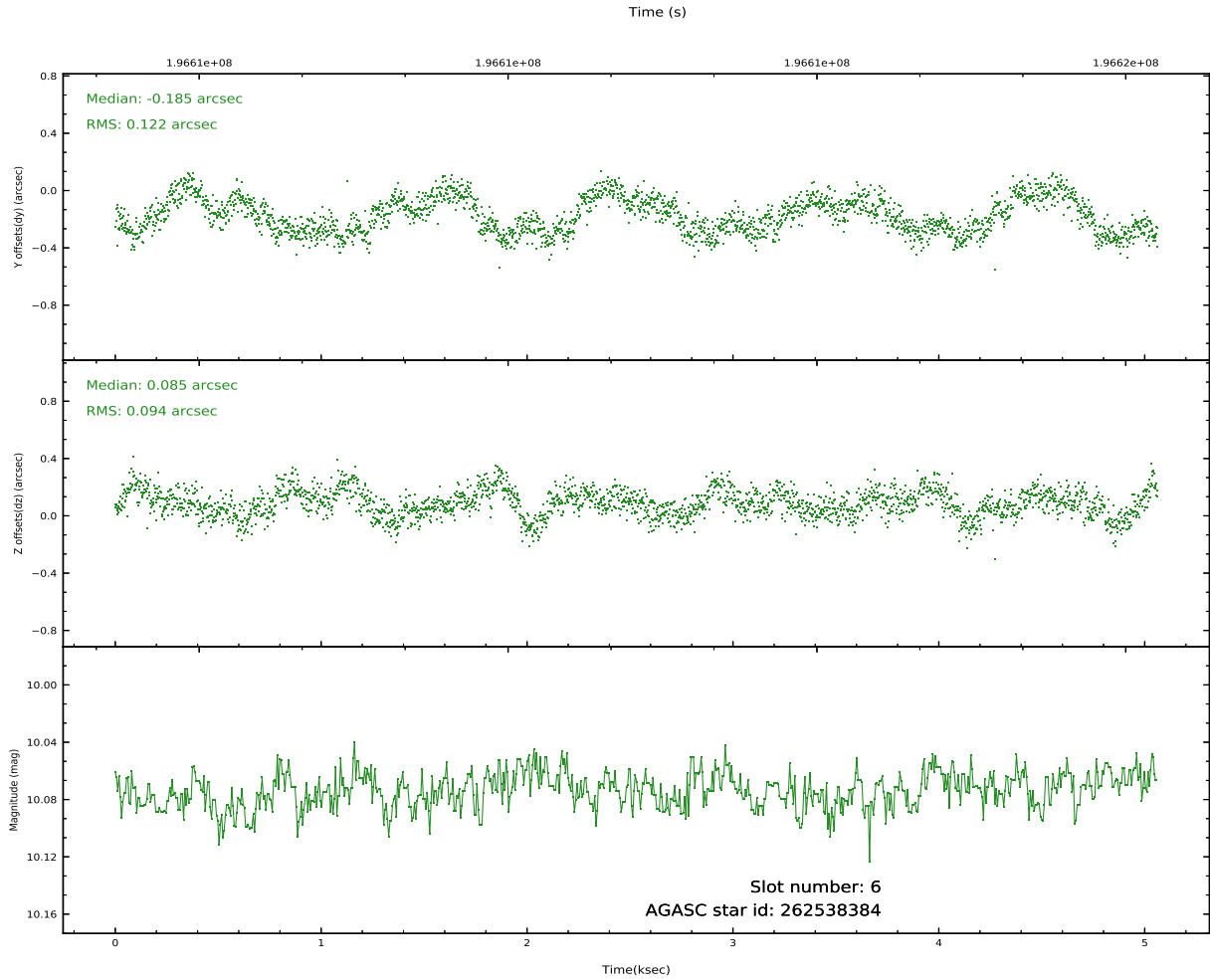
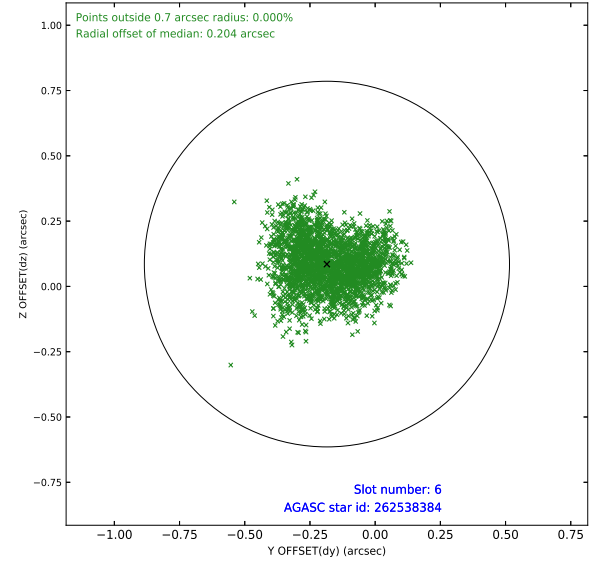
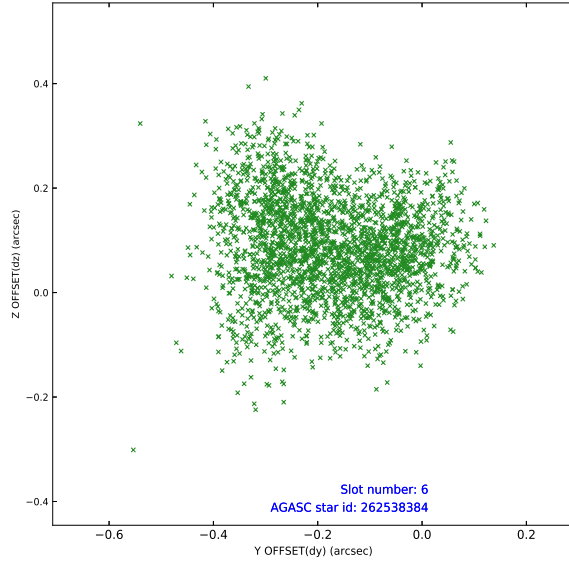
2.4.2 Slot 4



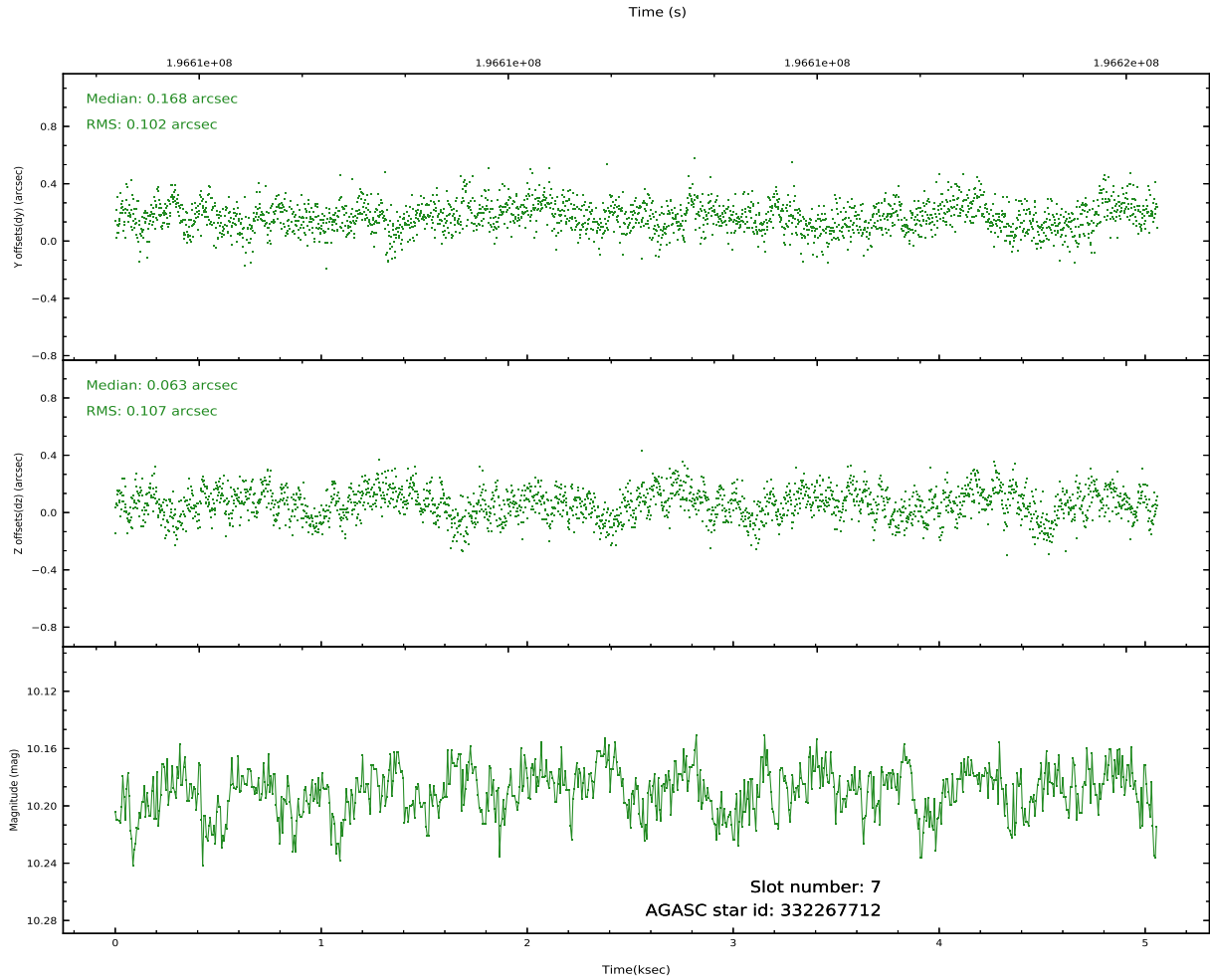
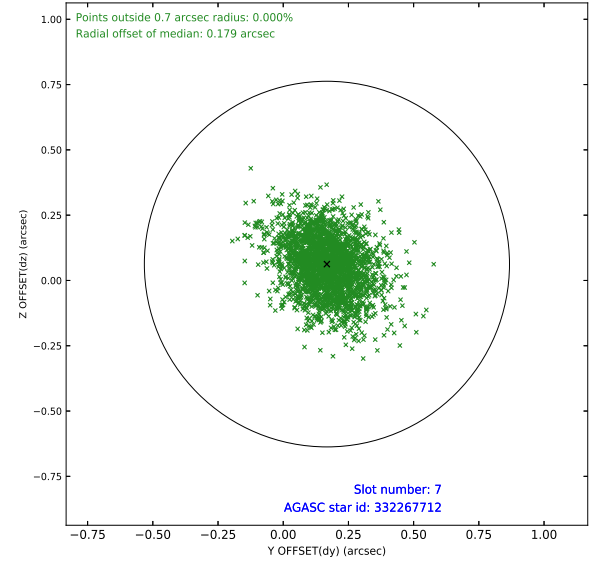
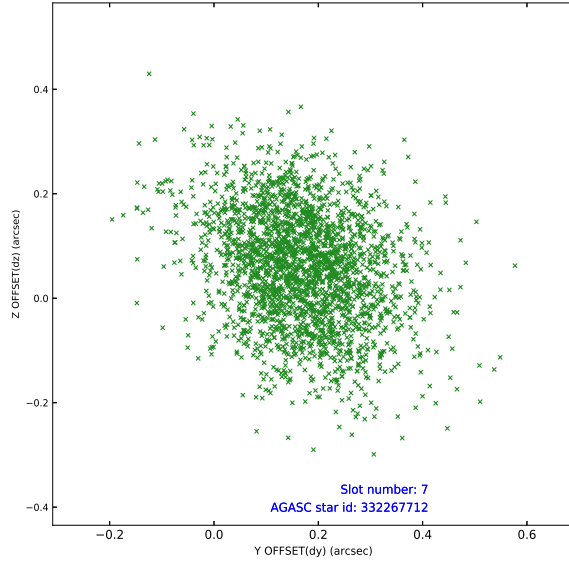
2.4.3 Slot 5



2.4.4 Slot 6

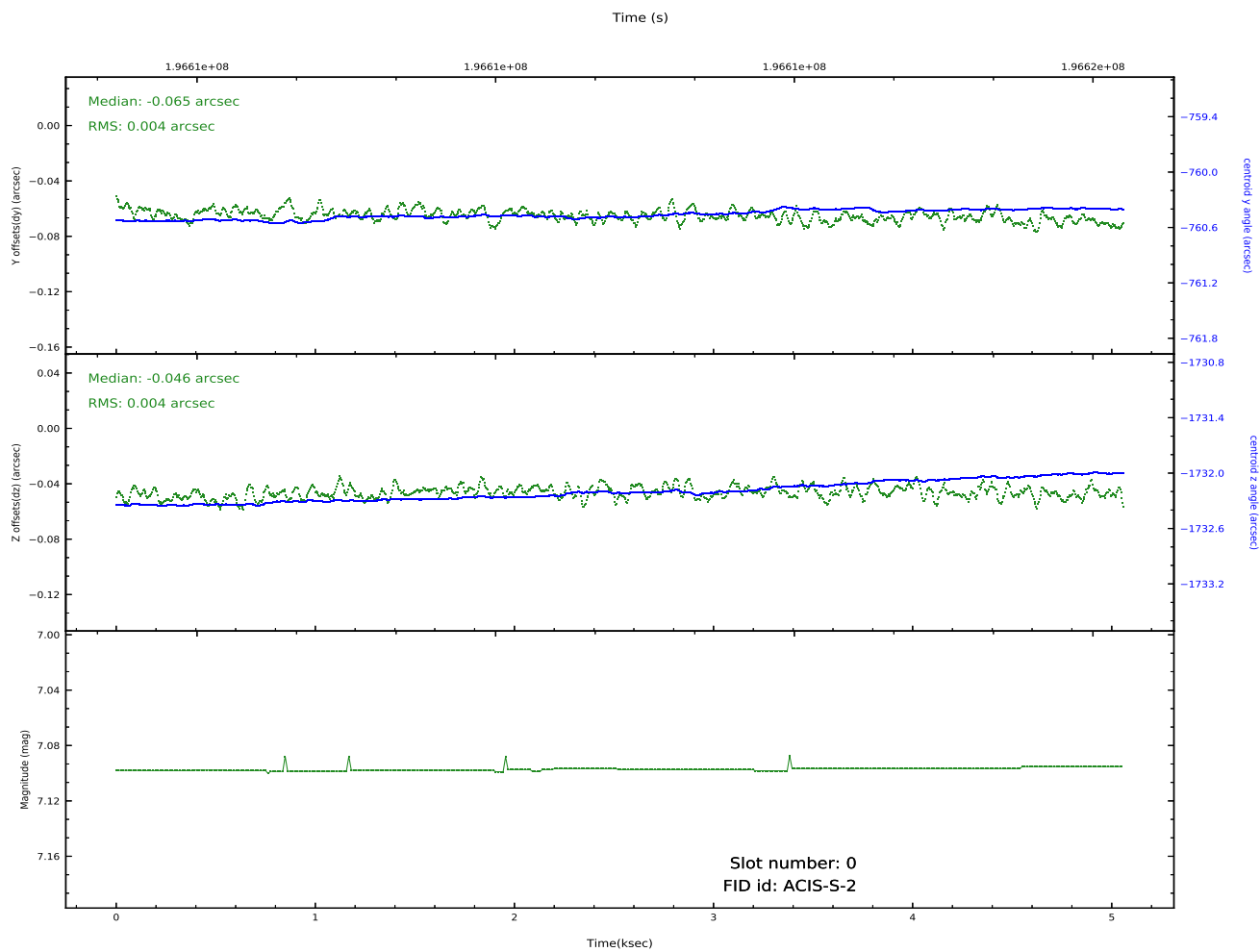
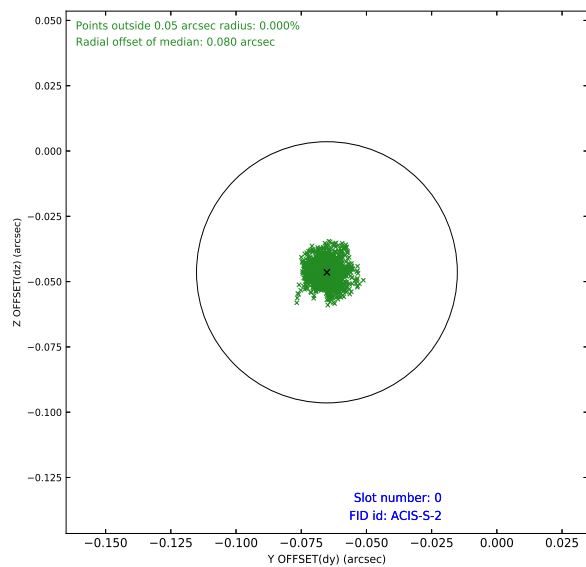
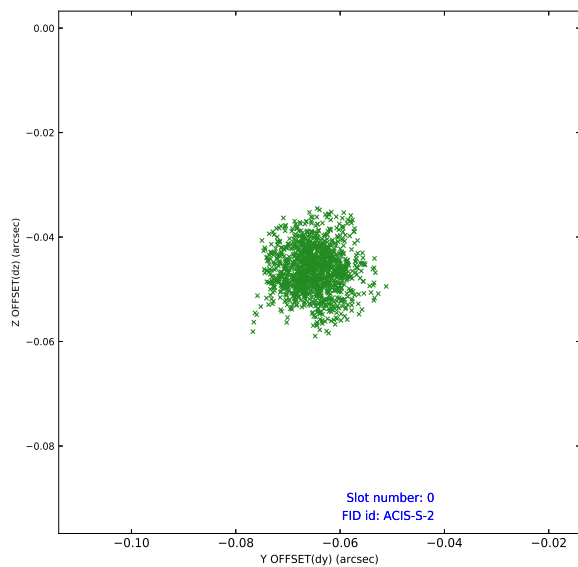


2.4.5 Slot 7

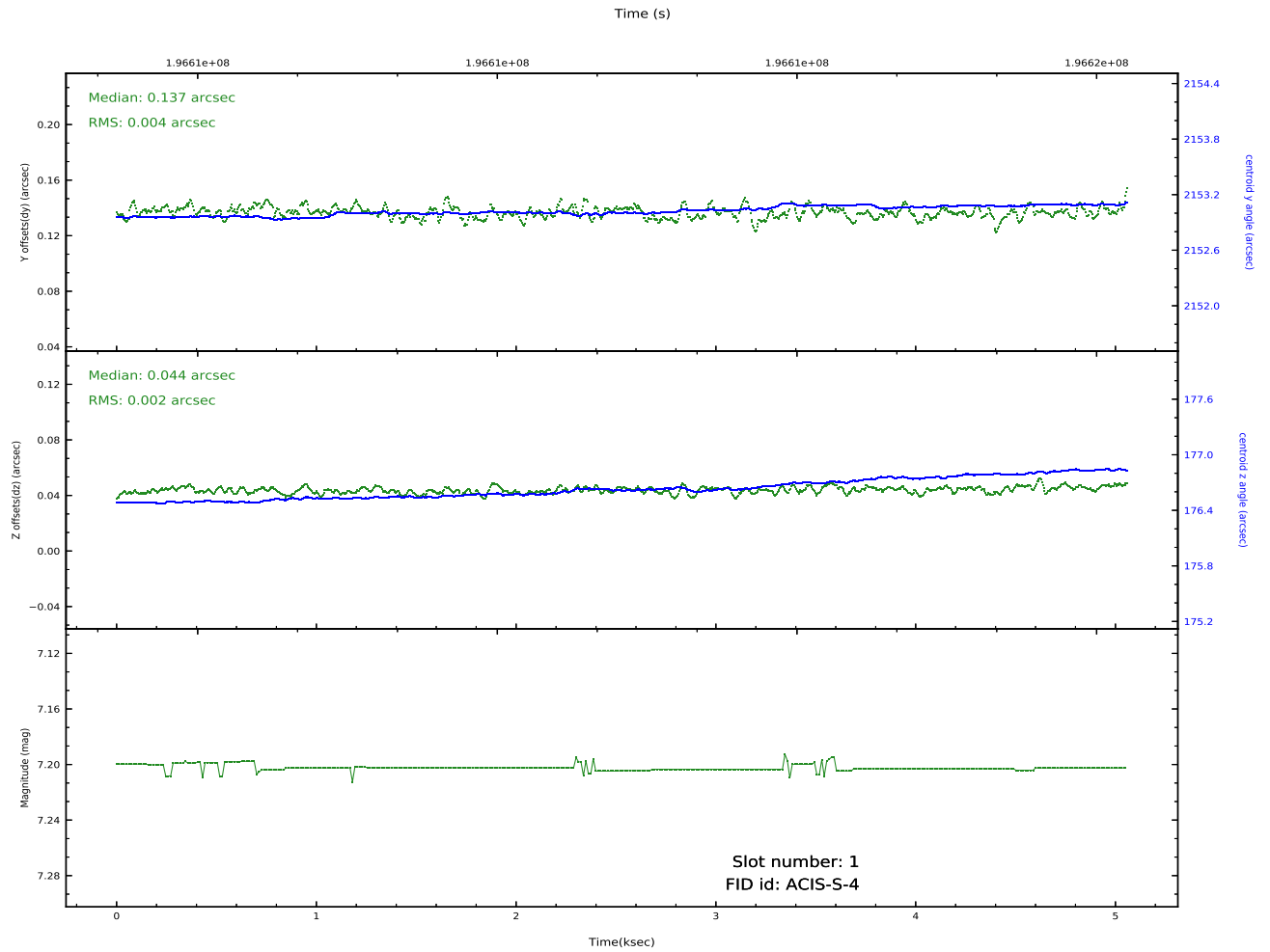
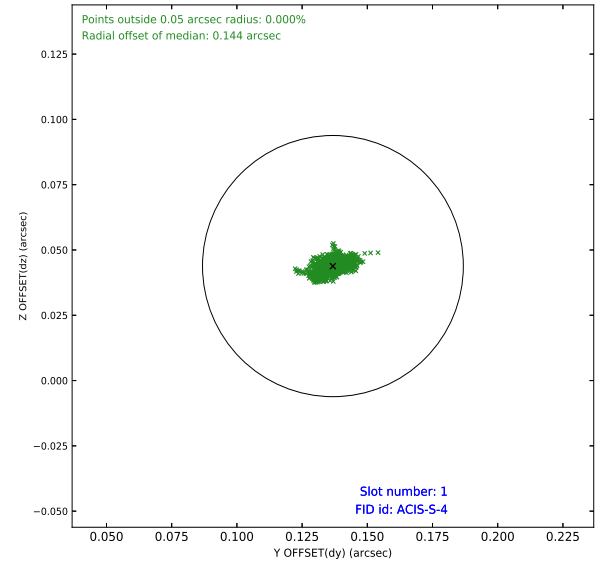
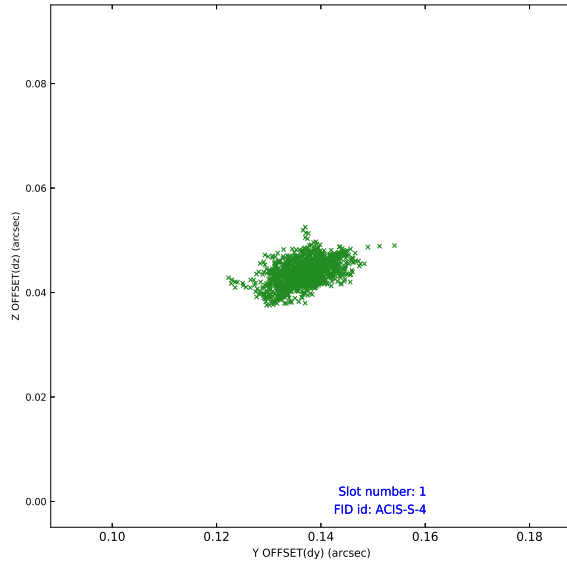


2.5 FID Slots

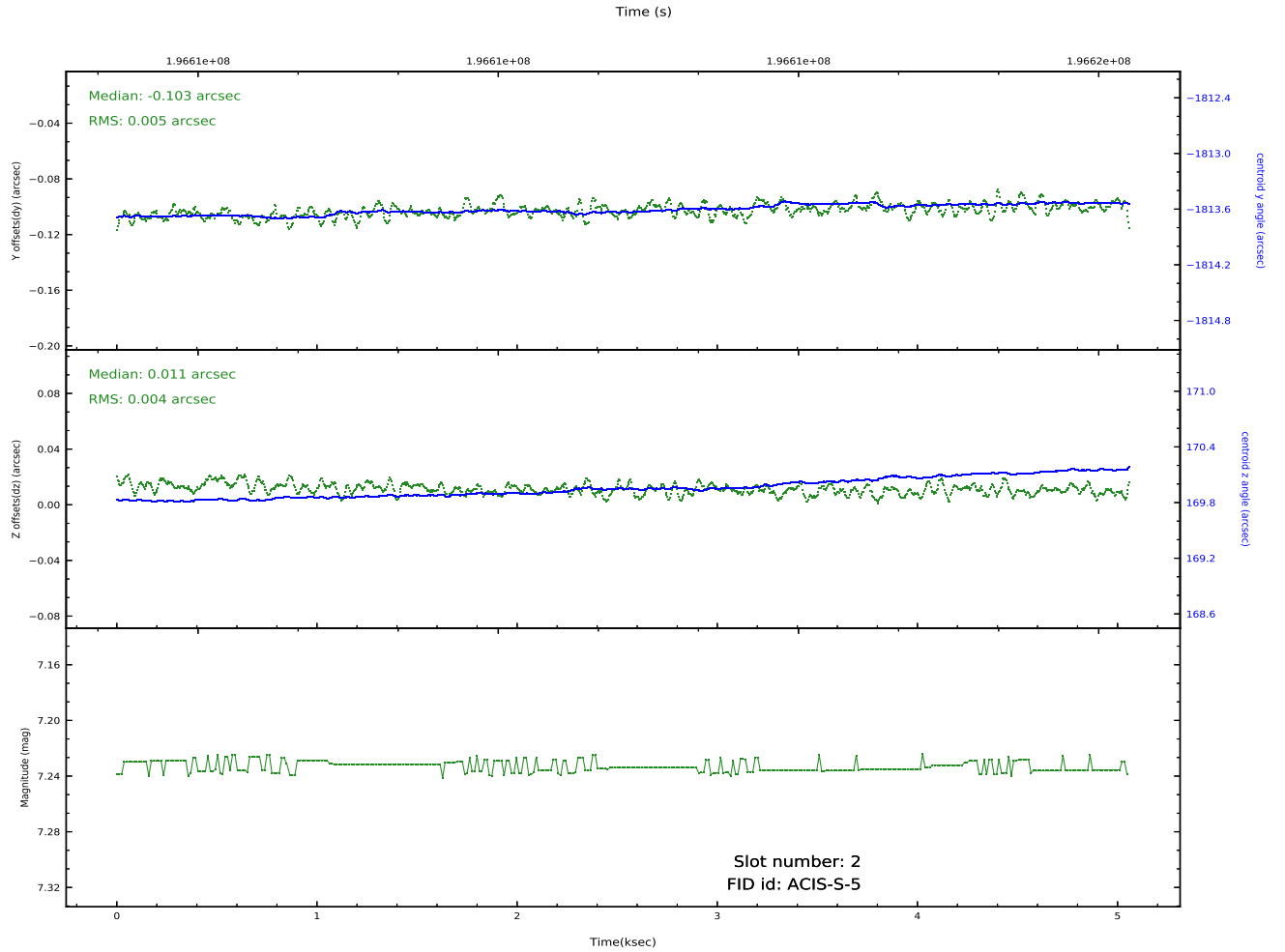
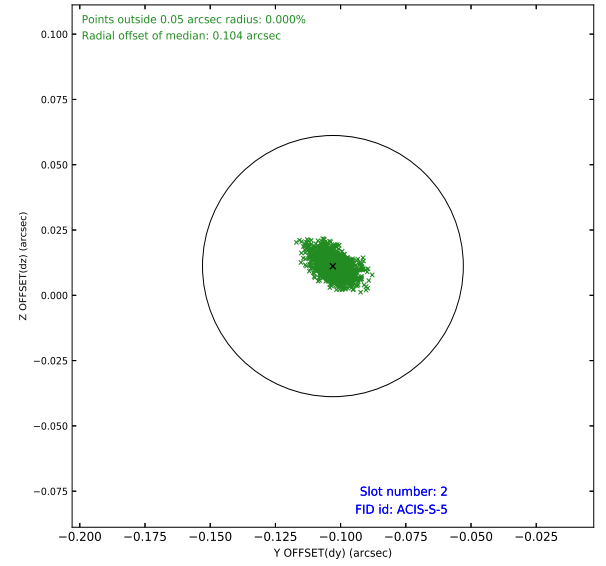
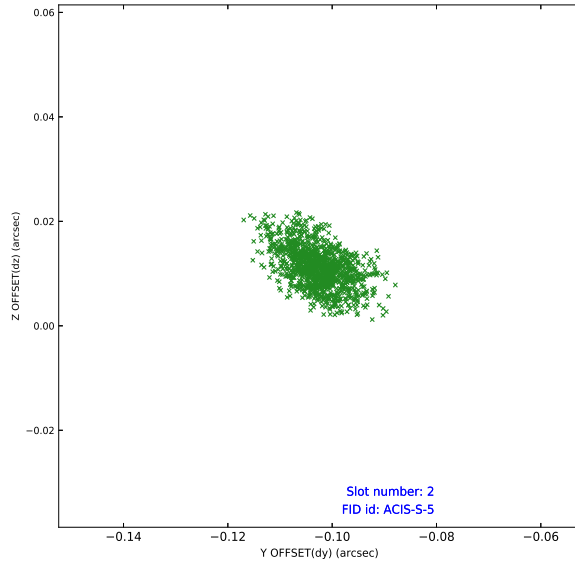
2.5.1 Slot 0



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)	2020.09.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.644

A.2 Comments