

V&V Reference Report

L2 ASCDS Version : 10.9.1

Observation 4785 - L2 Version 4
Chandra X-Ray Center

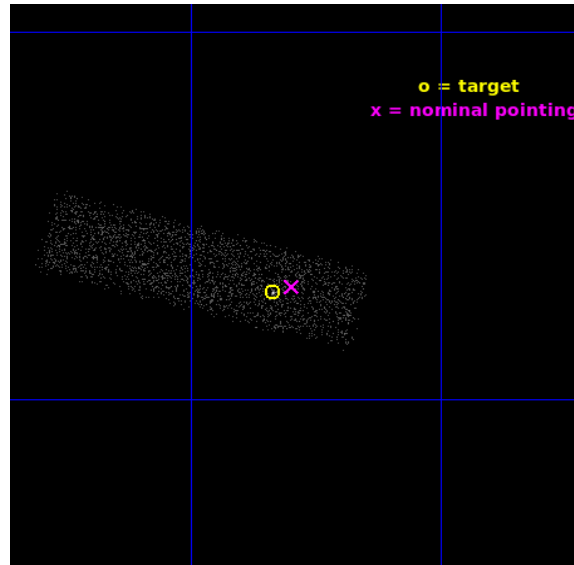
L2 Processing Date : Sep 25 2020

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1 Front

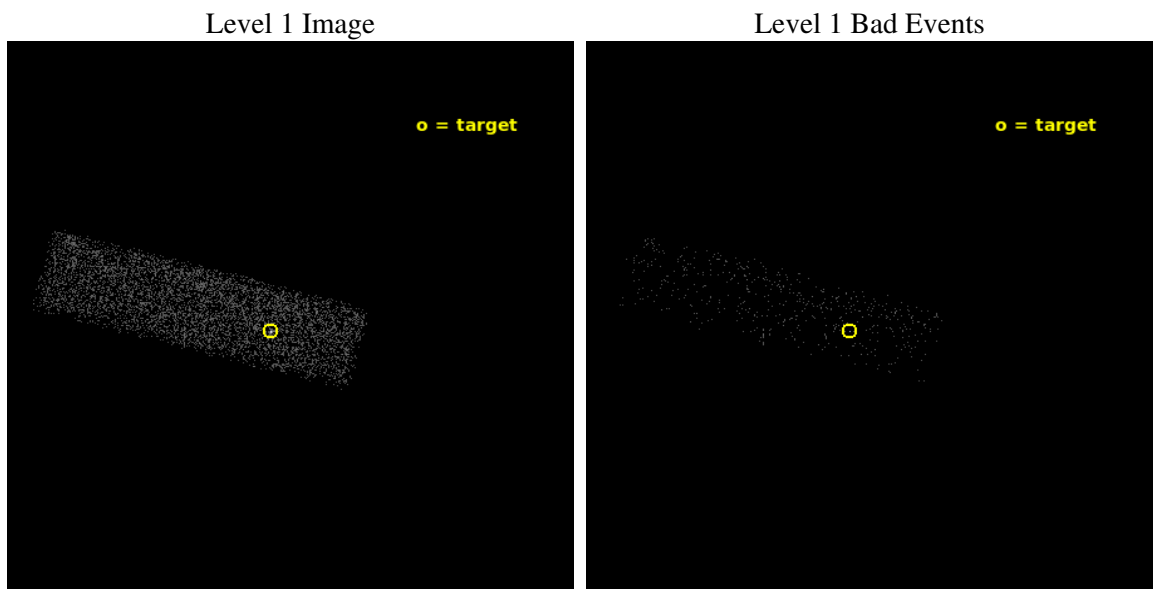
seq_num	700868	Sequence number
obs_id	4785	Observation id
title	Anchoring the AGN X-ray Luminosity Function	Proposal title
observer	Dr. JOHN SALZER	Principal investigator
object	KISS F1420-3039	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	215.584167	Observer's specified target RA [deg]
dec_targ	29.715417	Observer's specified target Dec [deg]
ra_nom	215.57449453777	Nominal RA [deg]
dec_nom	29.717976798935	Nominal Dec [deg]
roll_nom	194.97466966704	Nominal Roll [deg]
revision	4	Processing version of data
ontime	2828.5109105706	Sum of GTIs [s]
livetime	2690.4888334164	Livetime [s]
ontime7	2828.5109105706	Sum of GTIs [s]
l2events	3587	Number of level 2 events



2 OBI

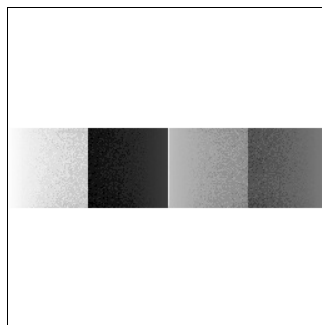
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	2000.000000	[s] Scheduled observation exposure time
ascdsver	10.9.1	Processing system revision	ontime	2828.5109105706	Sum of GTIs [s]
caldsver	4.9.2	 	ontime7	2828.5109105706	Sum of GTIs [s]
date	2020-09-25T19:29:01	Date and time of file creation	l1events	7553	Number of level 1 events
revision	4	Processing version of data			

2.1.4 Events

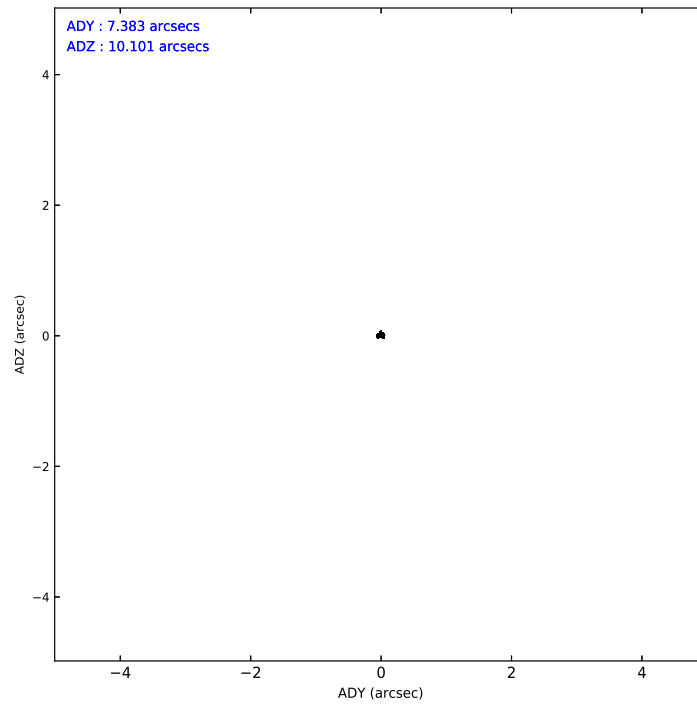
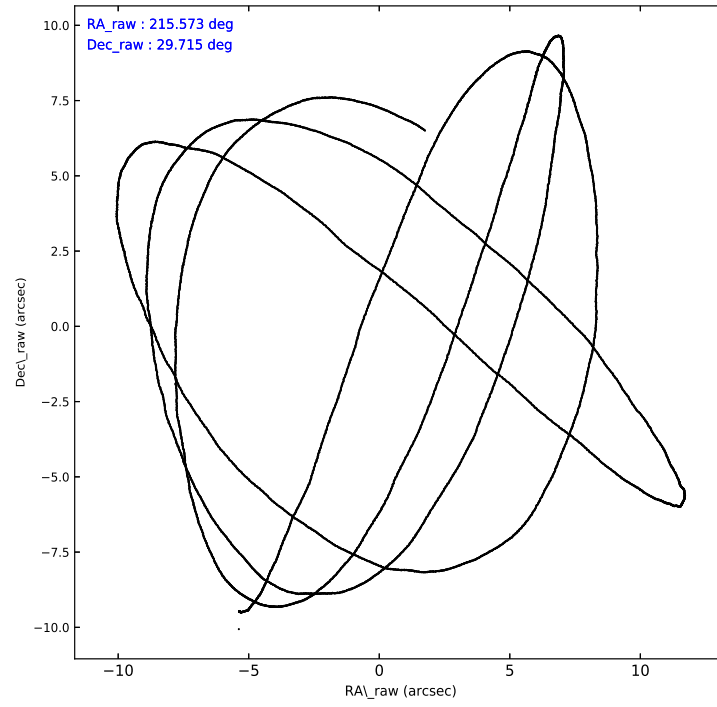
	ccd 7
level 1 events	7553
rejected events	3863
rejected %	51%

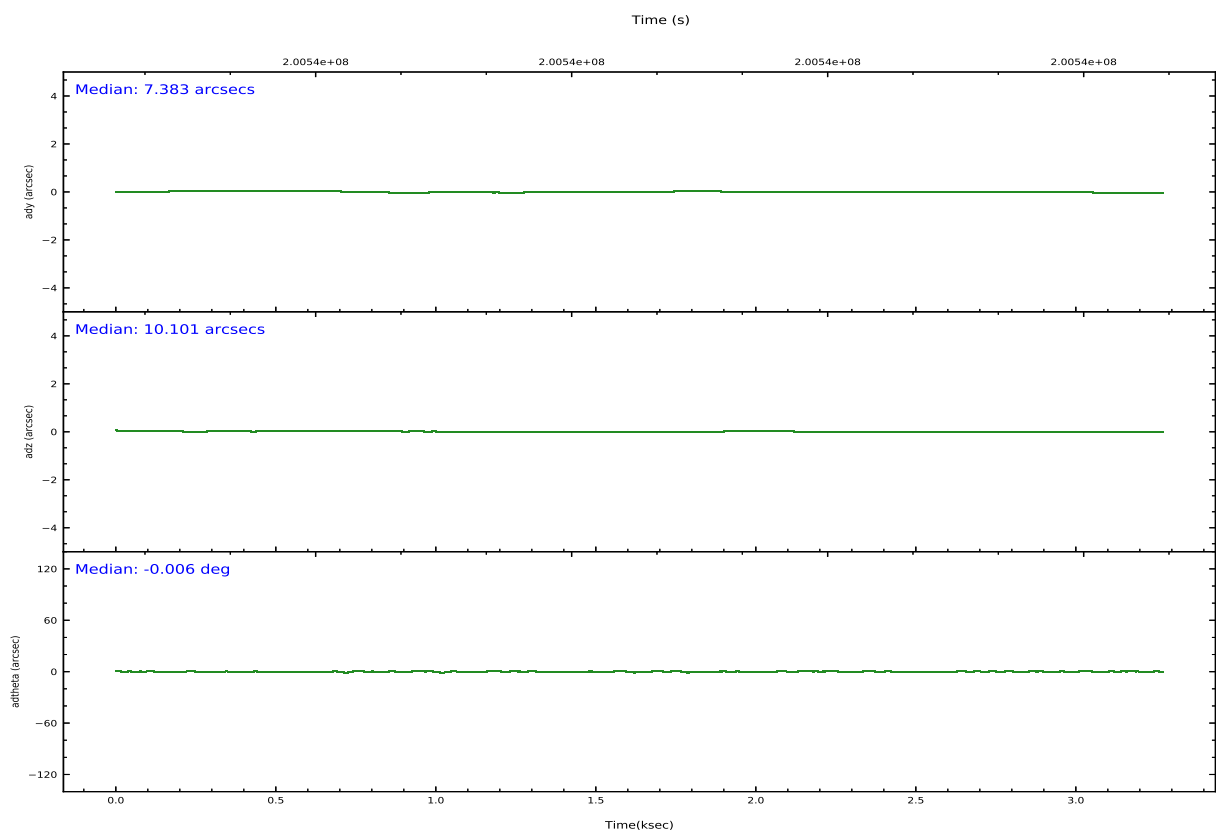
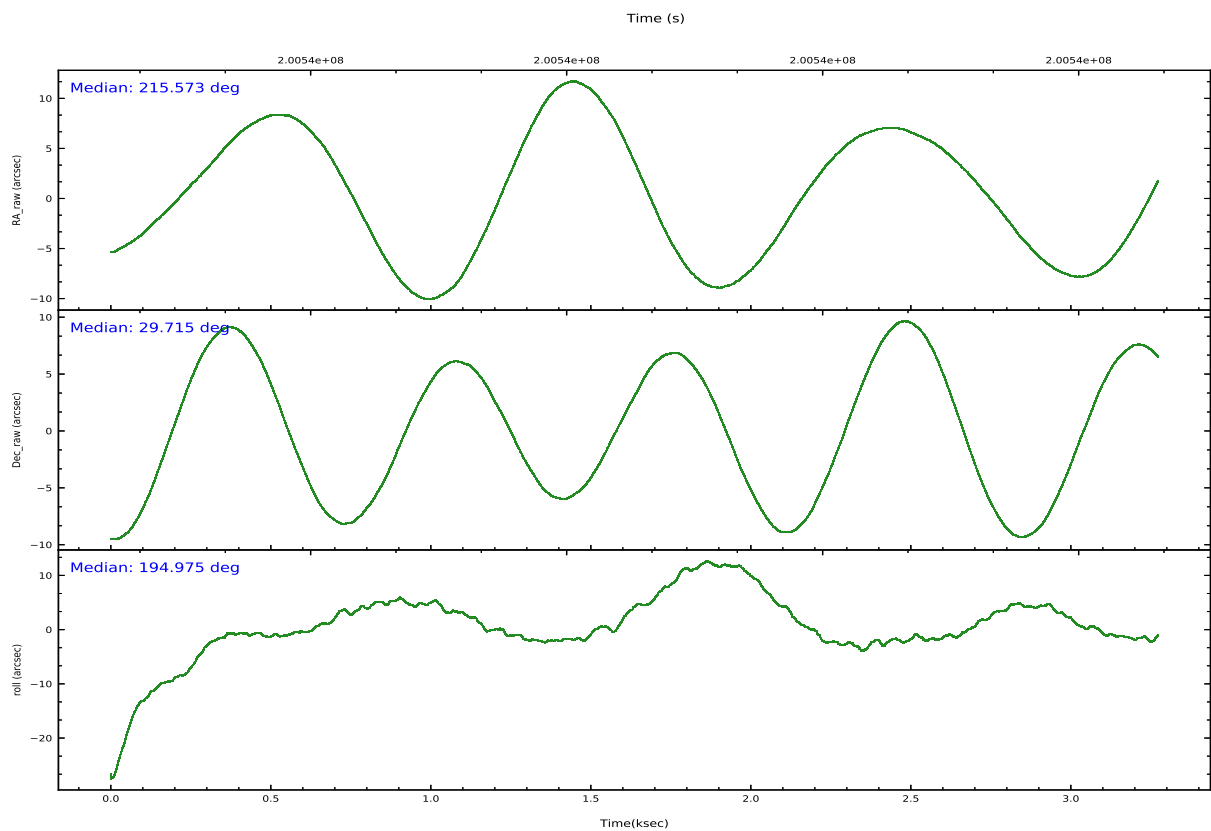
	ccd 7
grade 0 events	553
	7%
grade 1 events	13
	0%
grade 2 events	721
	9%
grade 3 events	411
	5%
grade 4 events	403
	5%
grade 5 events	622
	8%
grade 6 events	1607
	21%
grade 7 events	3223
	42%

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	215.594962	215.57449453777	Subarray requested	CUSTOM	1/4
[deg] Pointing Dec	29.734100	29.717976798935	Subarray start row	384	385
[deg] Pointing Roll	194.805889	194.97466966704	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	-190.1400660498719			
[mm] SIM translation stage offset	0	0.00754346686406393			
[s] Observation start time (MET)	200536648.184000	200535141.97782			
Observation start date	2004-05-10T00:36:24	2004-05-10T00:12:21			
[s] Observation end time (MET)	200538648.184000	200539820.07803			
Observation end date	2004-05-10T01:09:44	2004-05-10T01:30:20			
Read mode	TIMED	TIMED			

2.3 Aspect



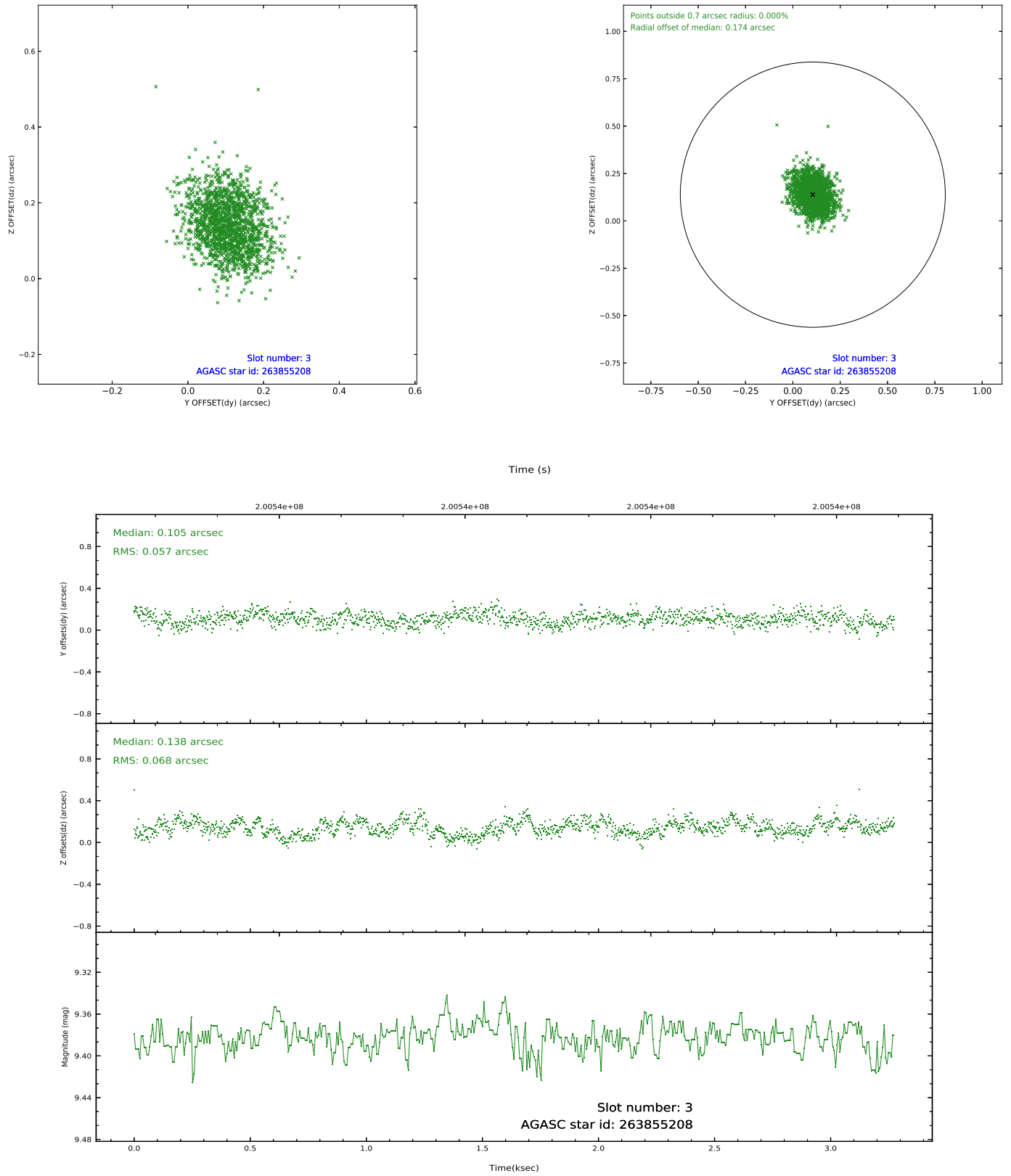


Slot Statistics

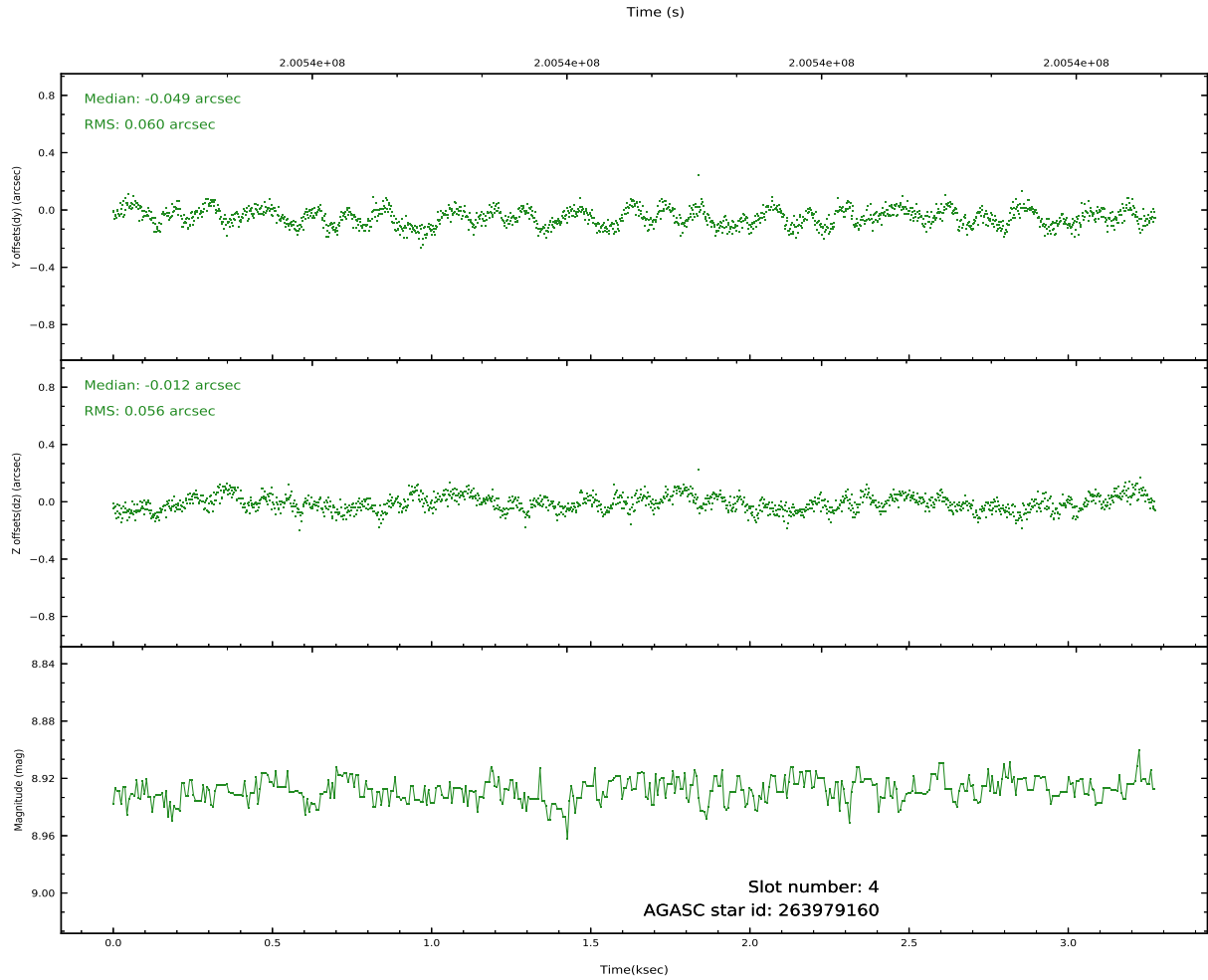
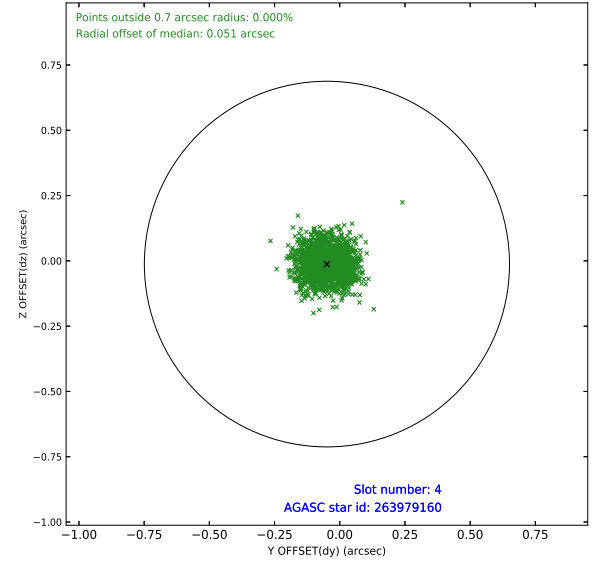
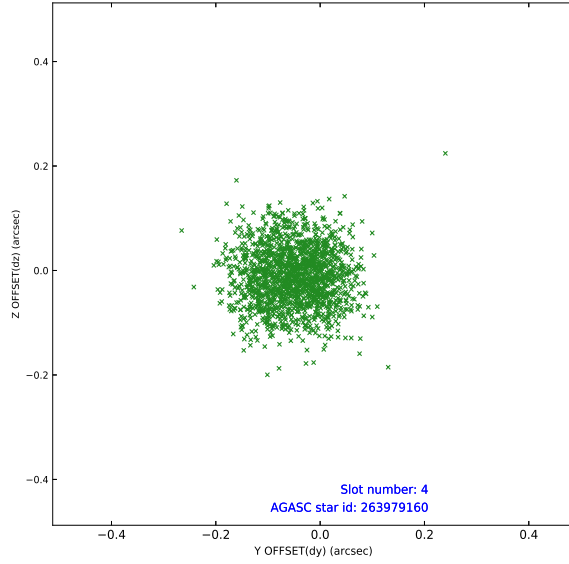
pt	status	used	id	mag	n_pts	frac_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mea
0	FID		ACIS-S-2	7.10	798	1.000	-0.105	-0.085	0.005	0.010	0.000000	0.000000	-760.19	-1731
1	FID		ACIS-S-4	7.20	799	1.000	0.102	0.048	0.006	0.011	0.000000	0.000000	2152.35	175
2	FID		ACIS-S-6	7.34	799	1.000	-0.024	0.044	0.006	0.011	0.000000	0.000000	404.29	814
3	GUIDE	used	263855208	9.38	1597	1.000	0.105	0.138	0.095	0.151	214.838802	29.655405	2357.57	-337
4	GUIDE	used	263979160	8.93	1598	1.000	-0.049	-0.012	0.089	0.137	216.152552	29.829165	-1770.80	109
5	GUIDE	used	263982648	9.60	1598	1.000	-0.050	0.054	0.121	0.189	216.033845	29.161290	-808.79	2344
6	GUIDE	used	334633912	9.28	1597	1.000	-0.183	-0.003	0.107	0.170	216.062799	30.458981	-2071.62	-2153
7	GUIDE	used	333714064	10.08	1596	1.000	0.181	-0.181	0.142	0.243	214.680175	30.106893	2407.59	-2037

2.4 Star Slots

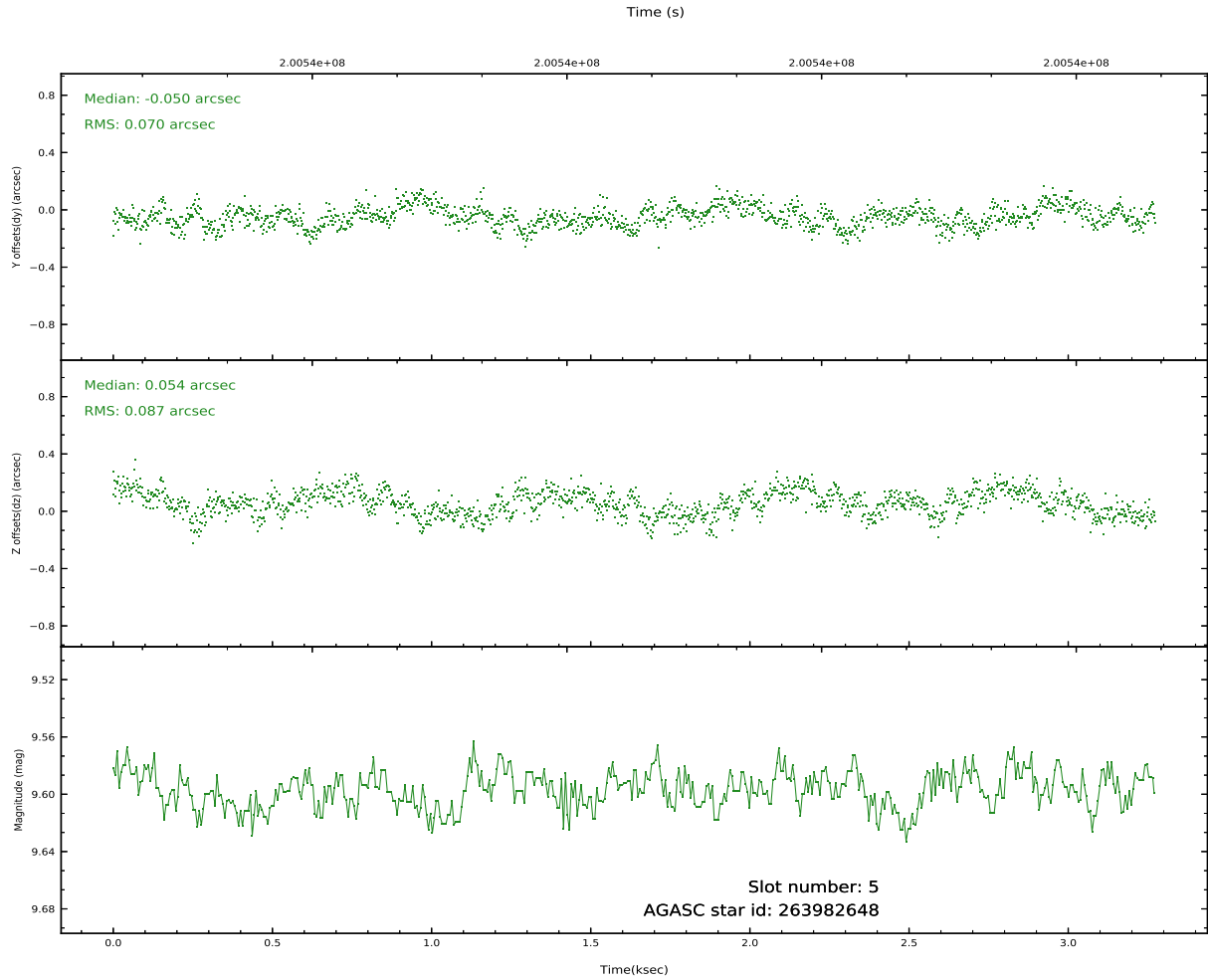
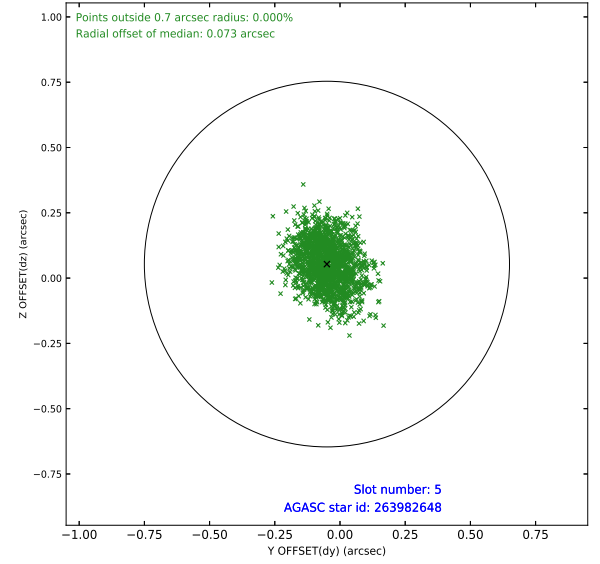
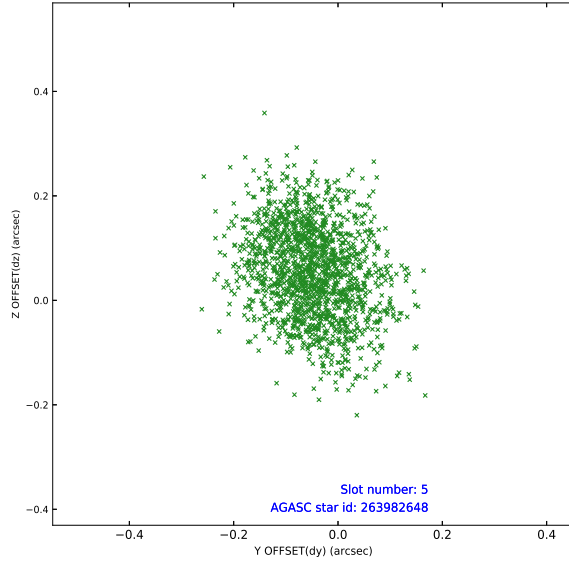
2.4.1 Slot 3



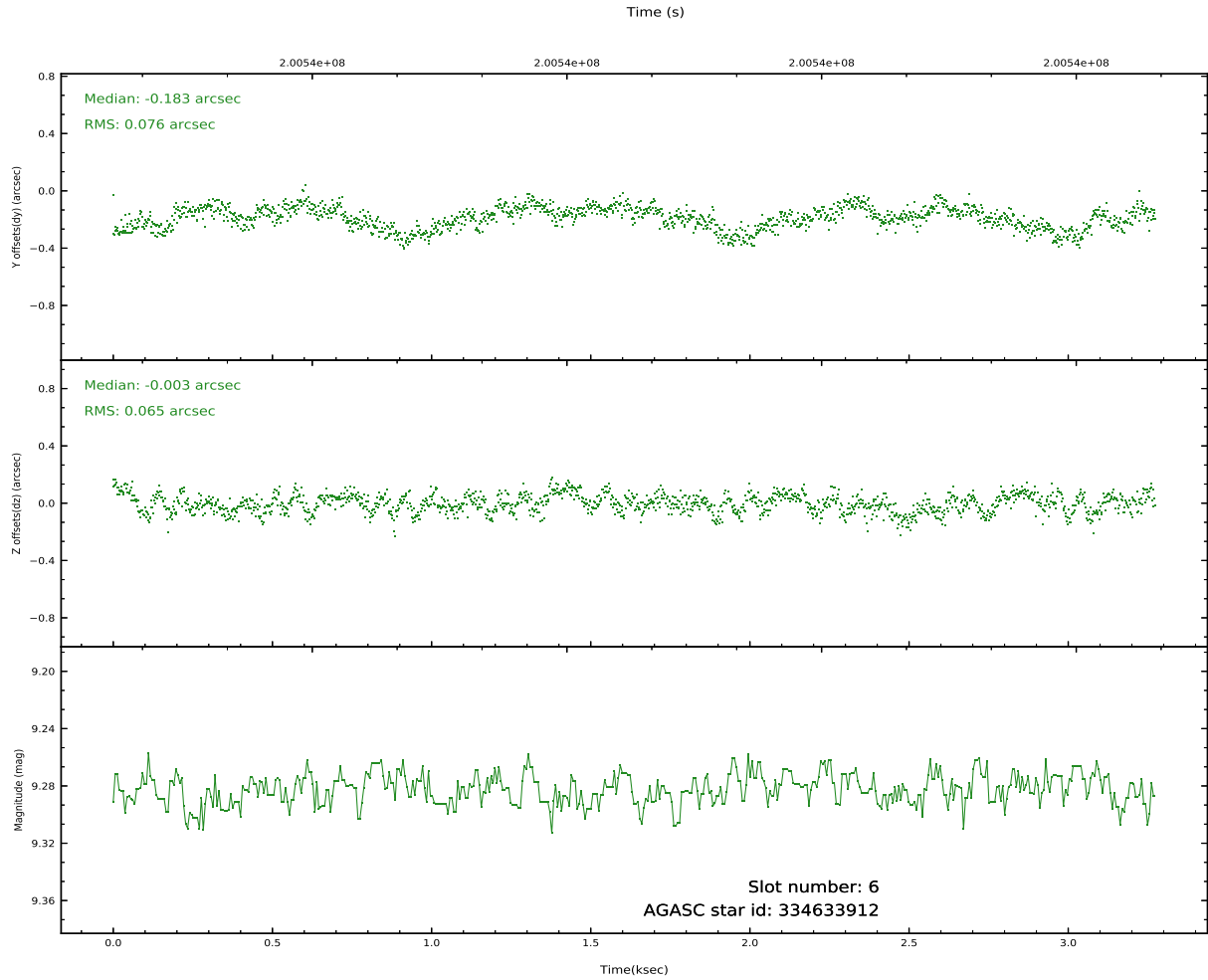
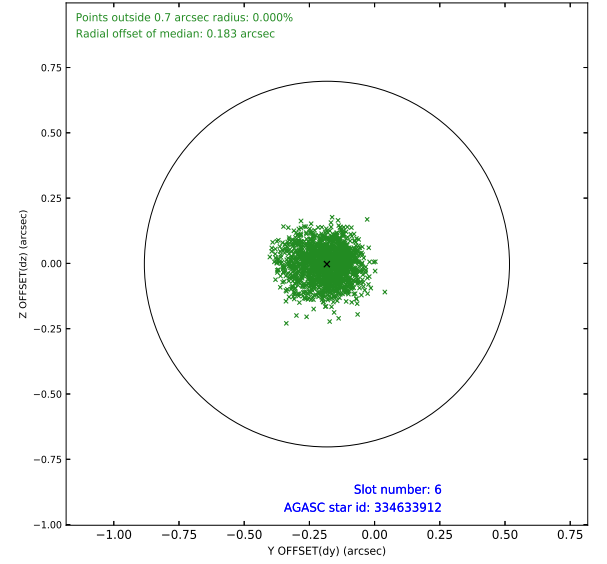
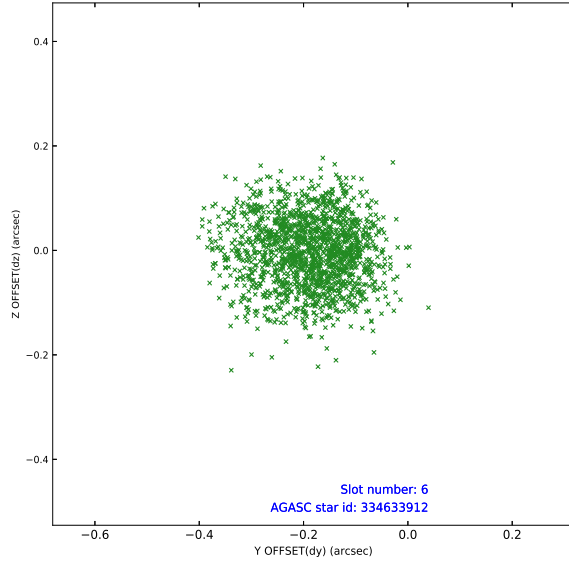
2.4.2 Slot 4



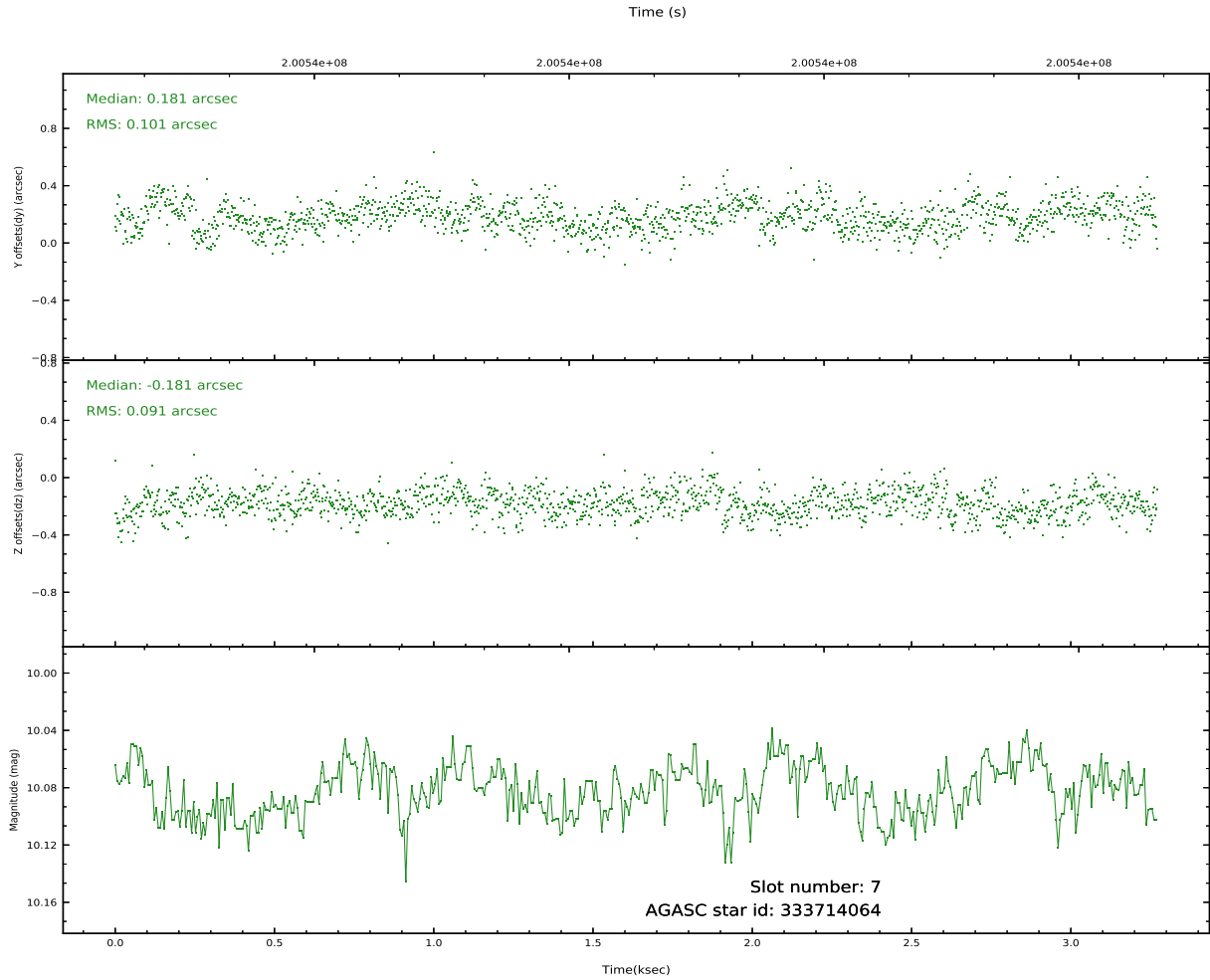
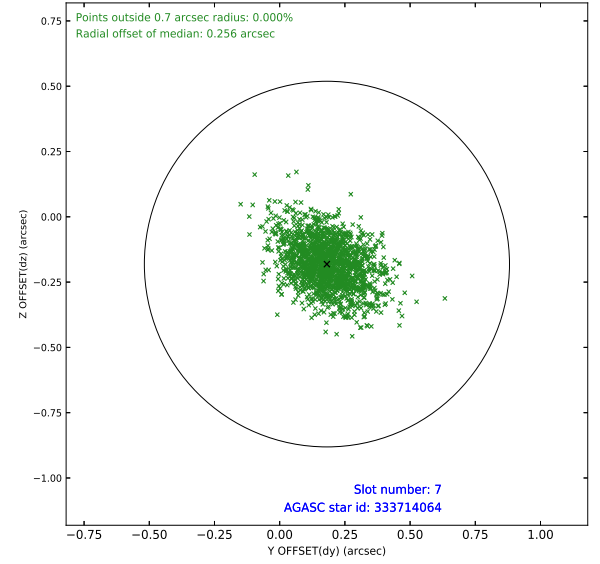
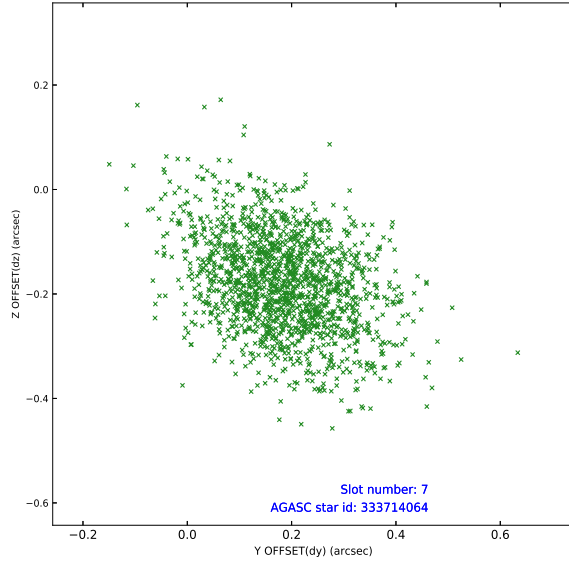
2.4.3 Slot 5



2.4.4 Slot 6

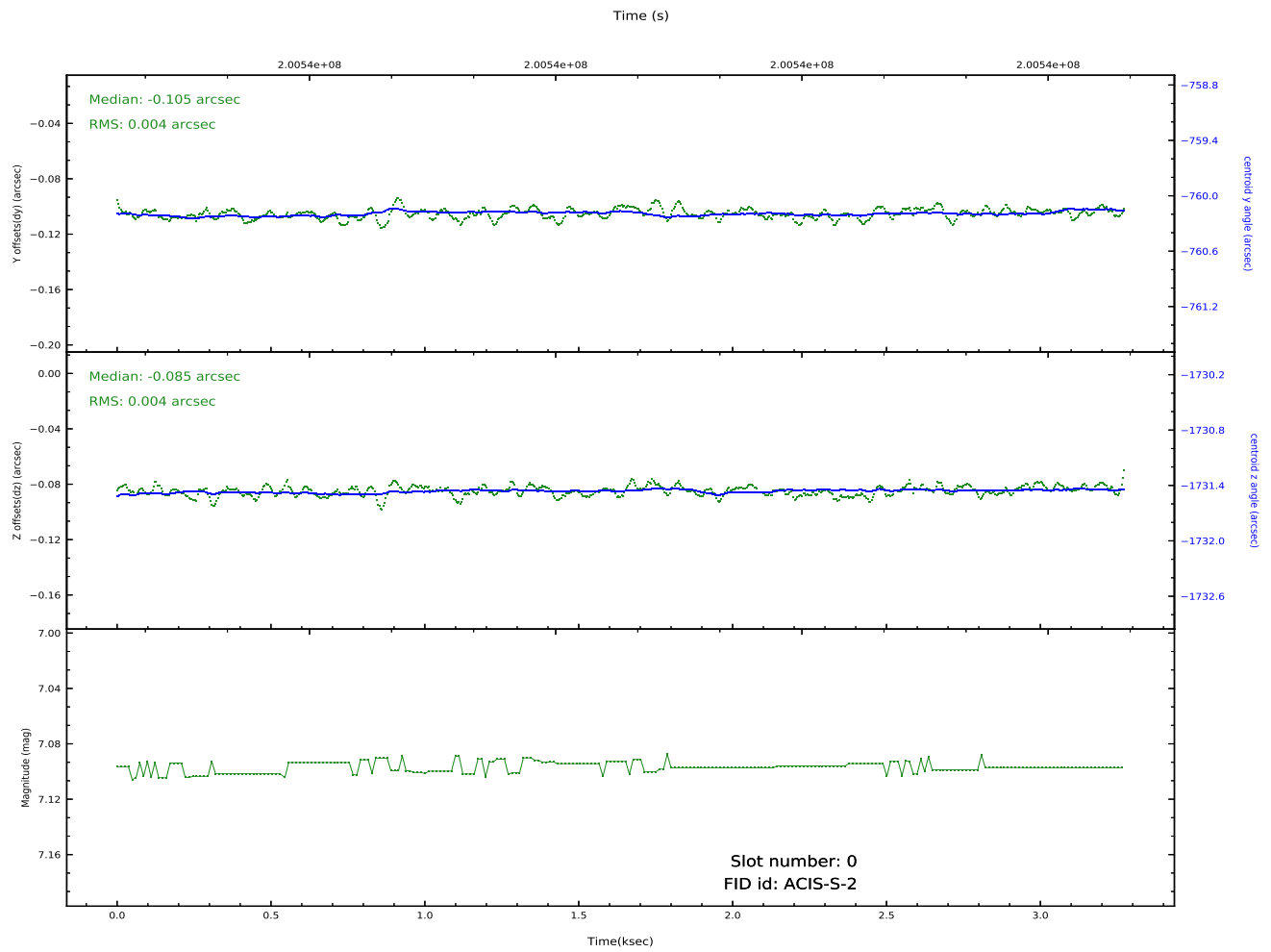
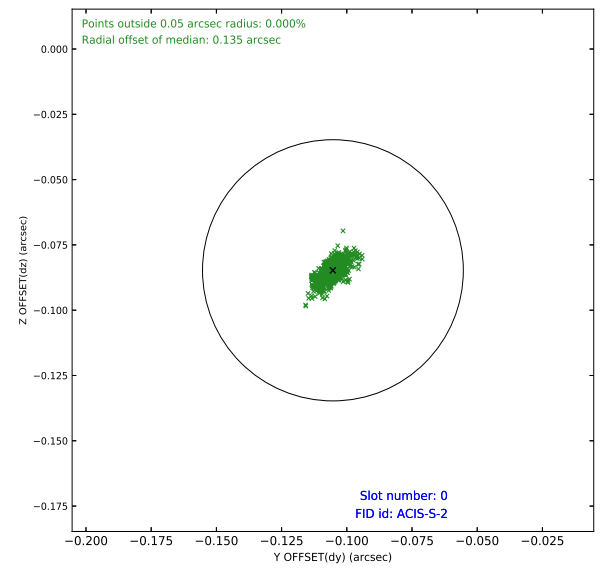
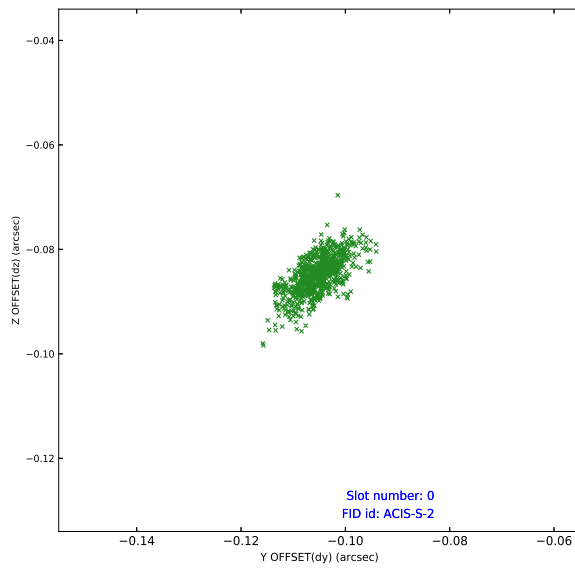


2.4.5 Slot 7

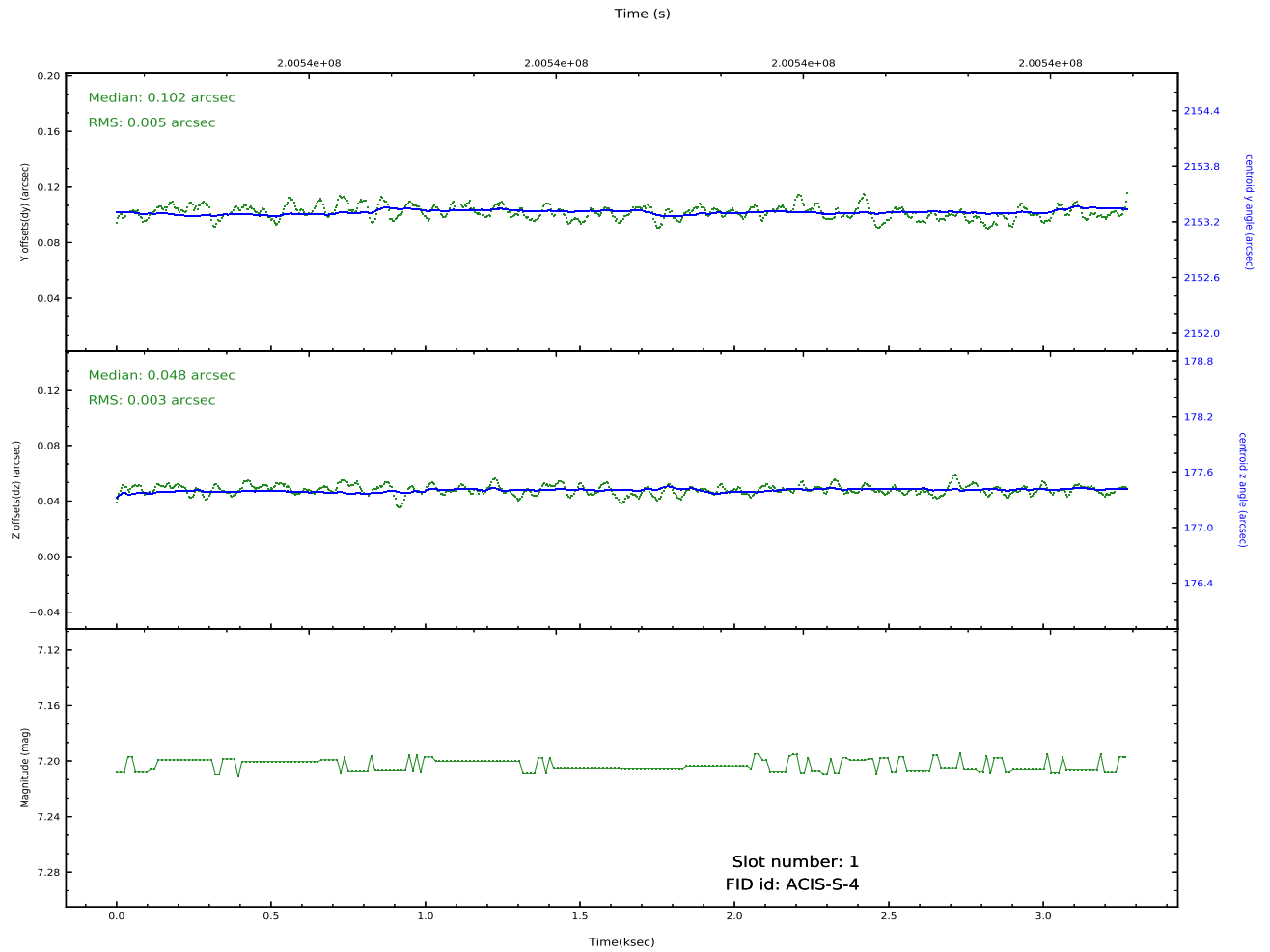
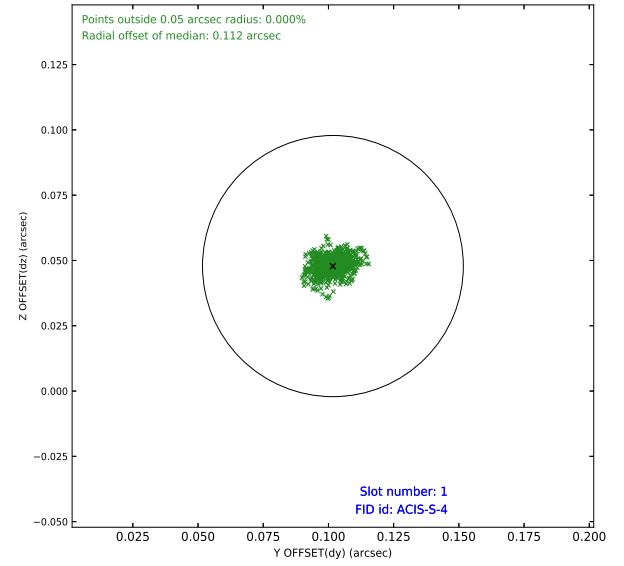
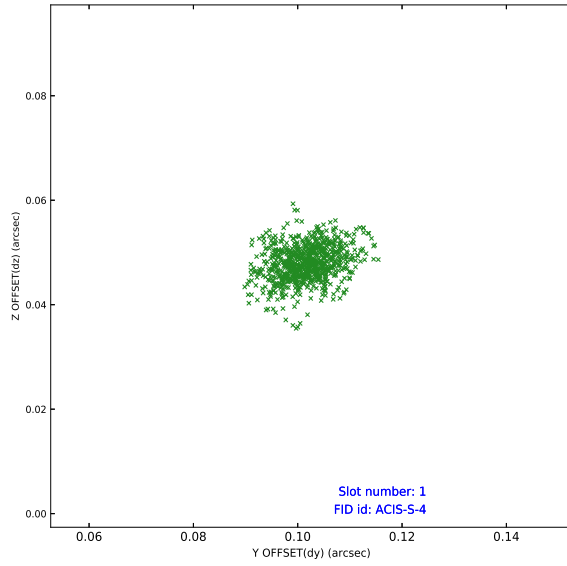


2.5 FID Slots

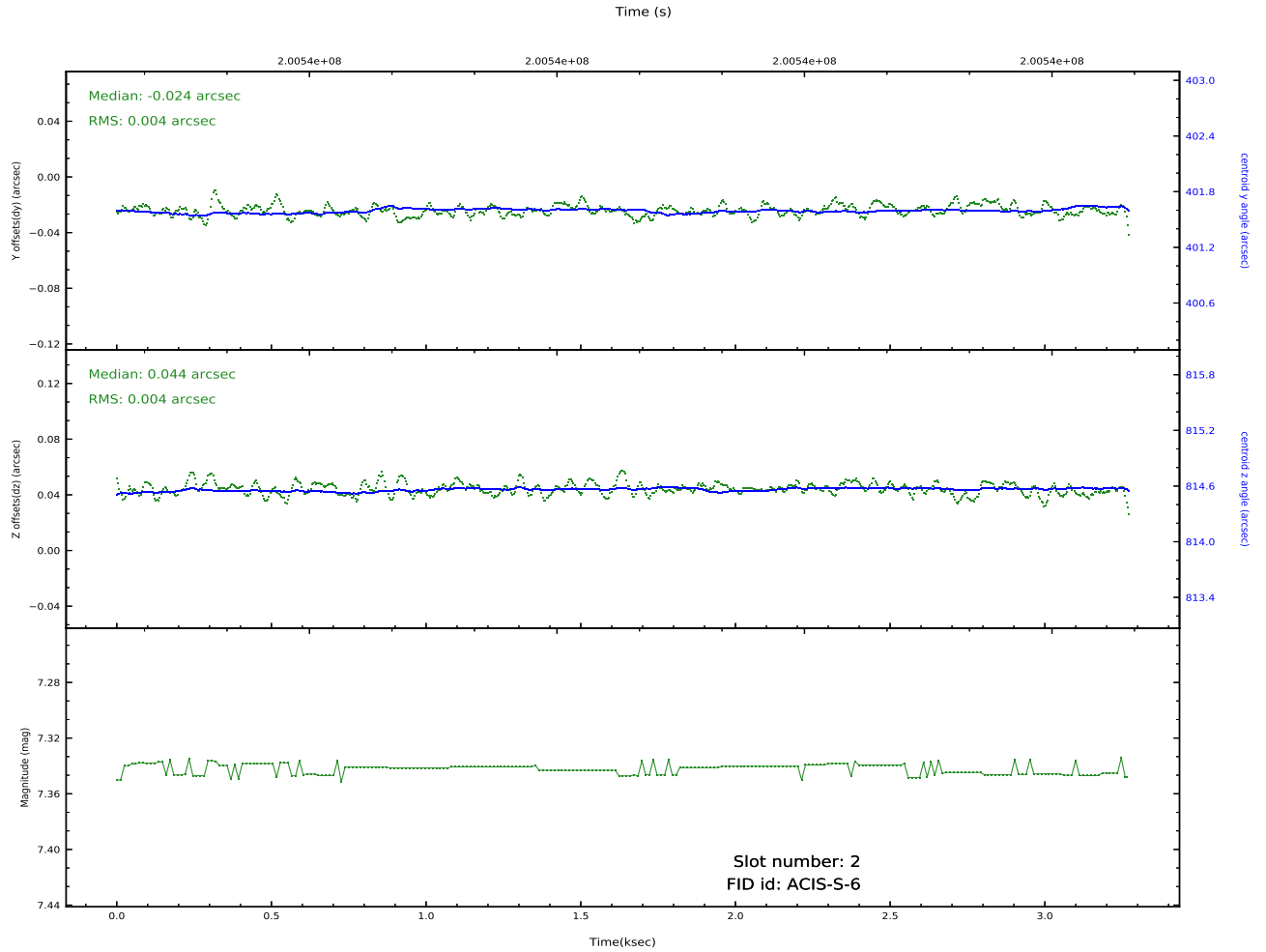
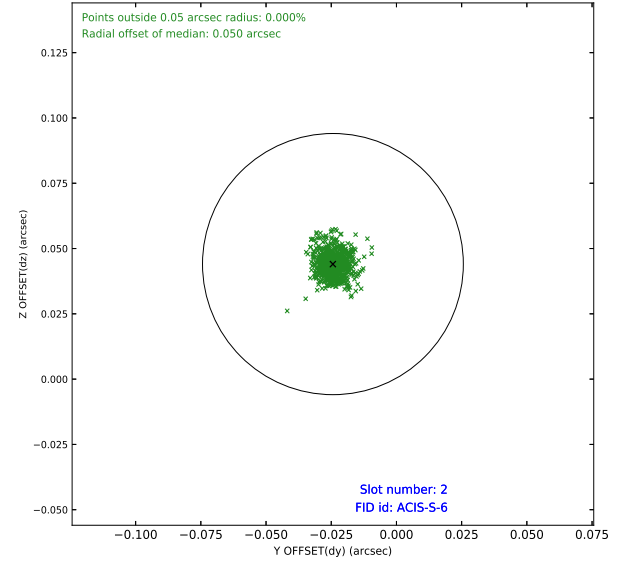
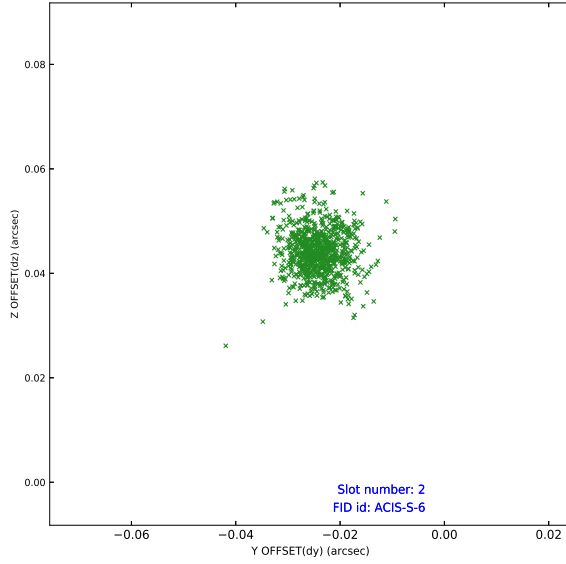
2.5.1 Slot 0



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)	2020.09.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.828

A.2 Comments