

V&V Reference Report

L2 ASCDS Version : 10.9.1

Observation 6854 - L2 Version 3
Chandra X-Ray Center

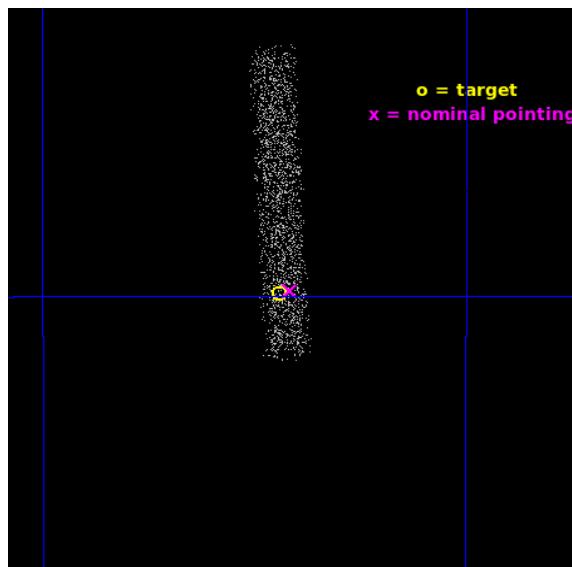
L2 Processing Date : Oct 12 2020

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1 Front

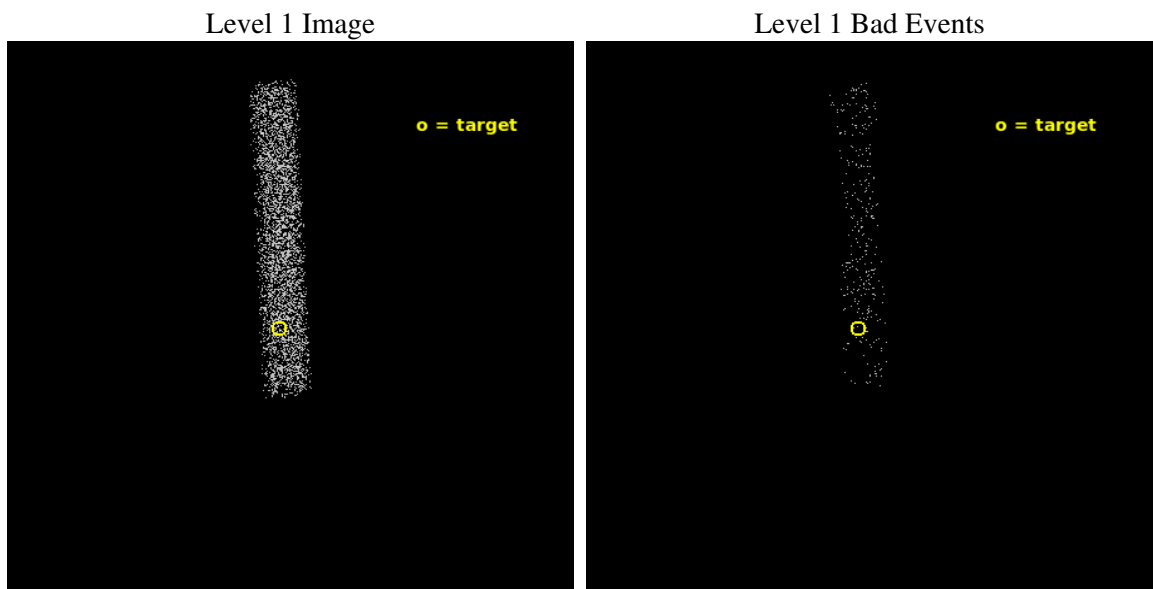
seq_num	701272	Sequence number
obs_id	6854	Observation id
title	A Chandra snapshot survey of naked active galactic nuclei	Proposal
observer	Mario Gliozzi	Principal investigator
object	QSO B2131-427	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	323.610417	Observer's specified target RA [deg]
dec_targ	-42.498889	Observer's specified target Dec [deg]
ra_nom	323.60393076262	Nominal RA [deg]
dec_nom	-42.497519502695	Nominal Dec [deg]
roll_nom	267.39608855077	Nominal Roll [deg]
revision	3	Processing version of data
ontime	3178.800047338	Sum of GTIs [s]
livetime	2883.0038521114	Livetime [s]
ontime7	3178.800047338	Sum of GTIs [s]
l2events	2128	Number of level 2 events



2 OBI

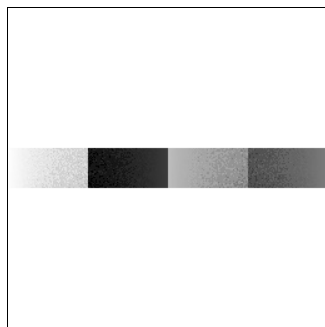
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	3000.000000	[s] Scheduled observation exposure time
ascdsver	10.9.1	Processing system revision	ontime	3178.800047338	Sum of GTIs [s]
caldsver	4.9.2	 	ontime7	3178.800047338	Sum of GTIs [s]
date	2020-10-12T05:41:53	Date and time of file creation	l1events	6171	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

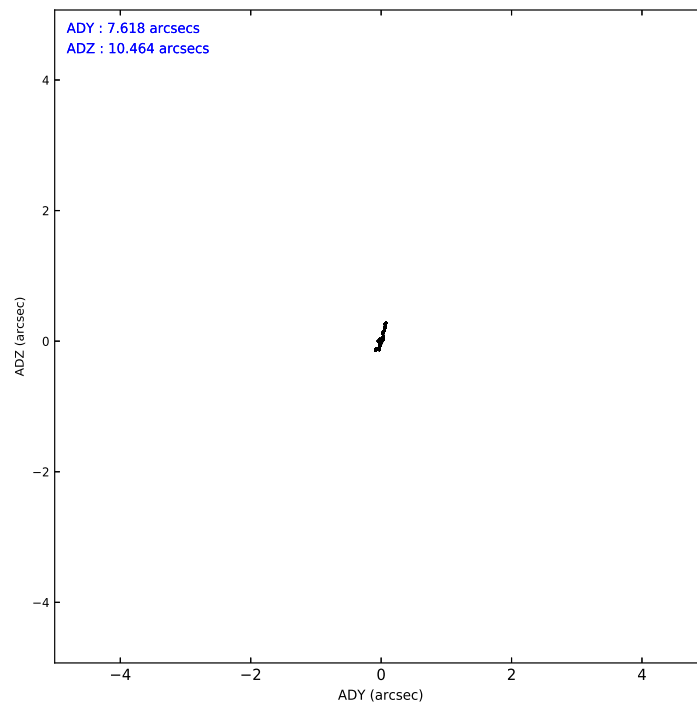
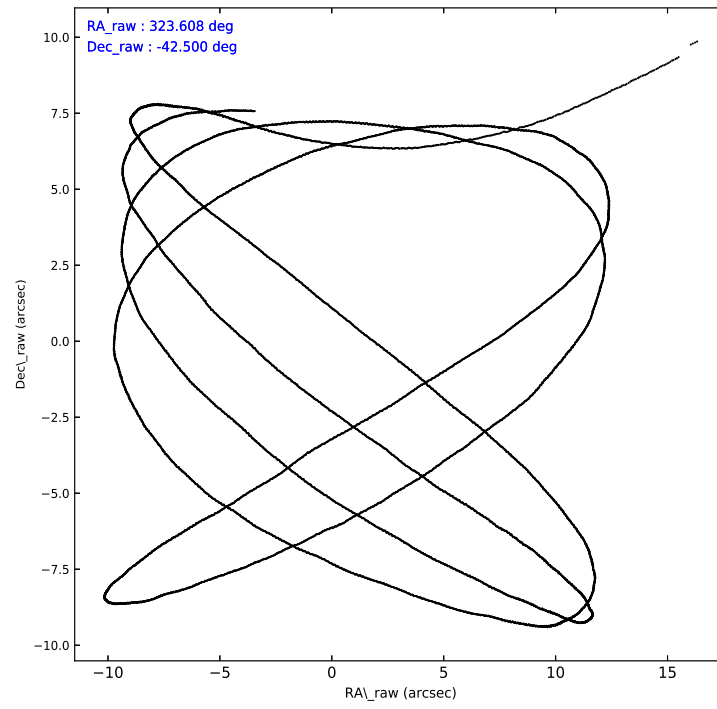
	ccd 7
level 1 events	6171
rejected events	3968
rejected %	64%

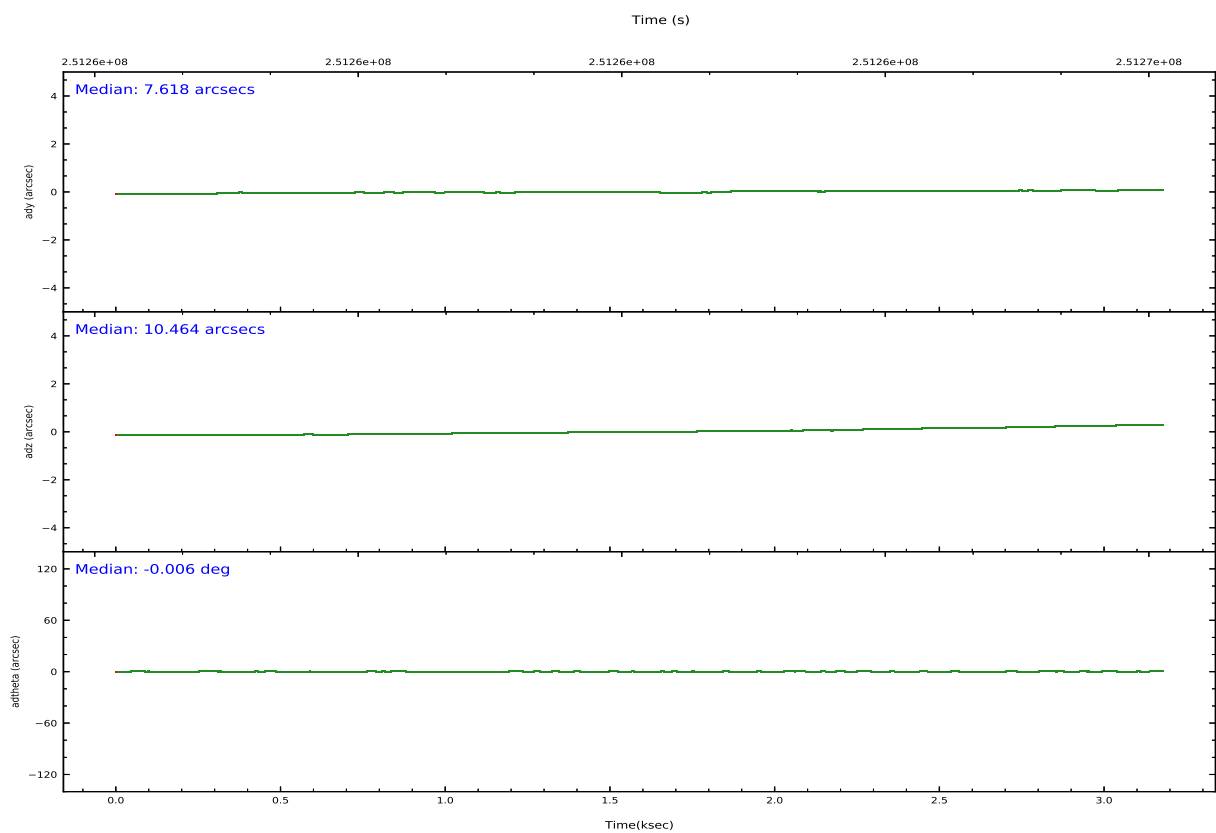
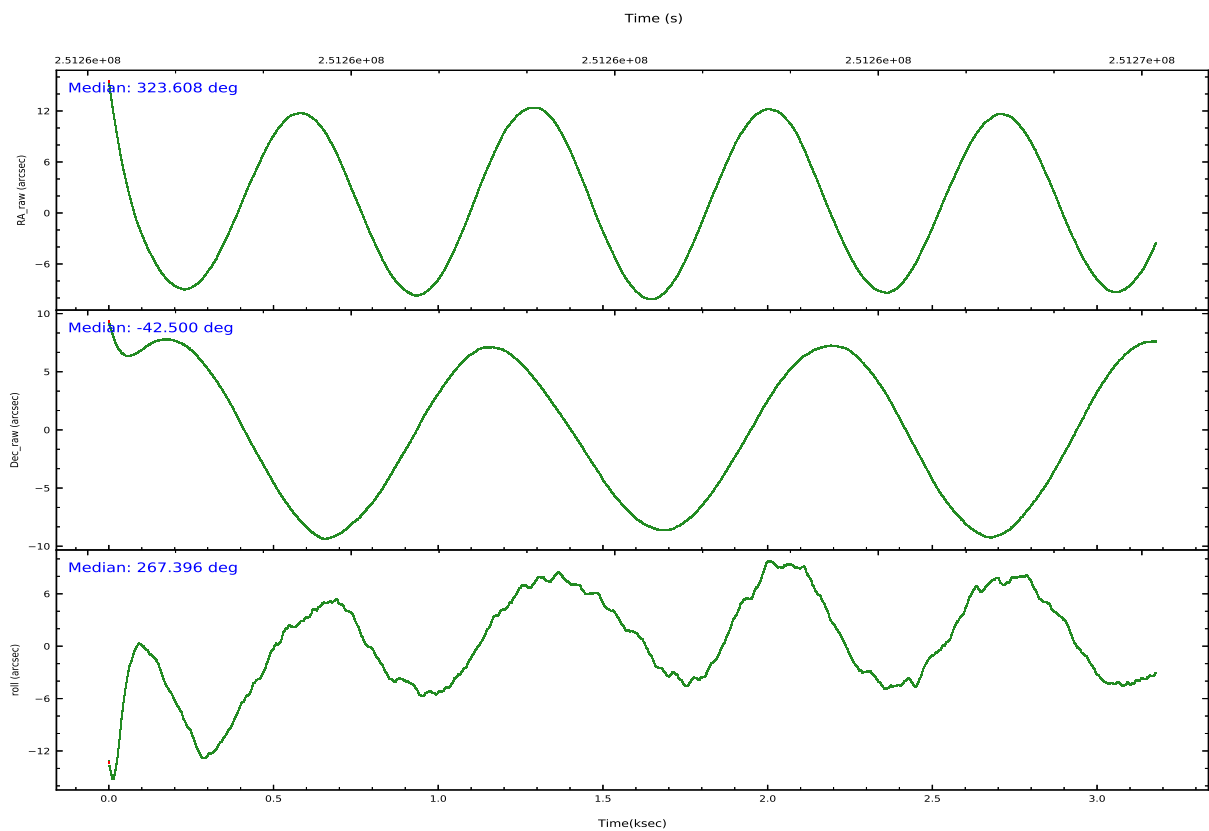
	ccd 7
grade 0 events	306
	4%
grade 1 events	7
	0%
grade 2 events	547
	8%
grade 3 events	372
	6%
grade 4 events	378
	6%
grade 5 events	557
	9%
grade 6 events	1353
	21%
grade 7 events	2651
	42%

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	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	323.590643	323.60393076262	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	-42.476054	-42.497519502695	Subarray start row	449	449
[deg] Pointing Roll	267.224460	267.39608855077	Subarray row count	128	128
[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	0.4
[mm] SIM translation stage pos	-190.132523	-190.1400660498719			
[mm] SIM translation stage offset	0	0.00754346686406393			
[s] Observation start time (MET)	251262645.184000	251261422.57292			
Observation start date	2005-12-18T03:09:41	2005-12-18T02:50:22			
[s] Observation end time (MET)	251265645.184000	251265839.81063			
Observation end date	2005-12-18T03:59:41	2005-12-18T04:03:59			
Read mode	TIMED	TIMED			

2.3 Aspect



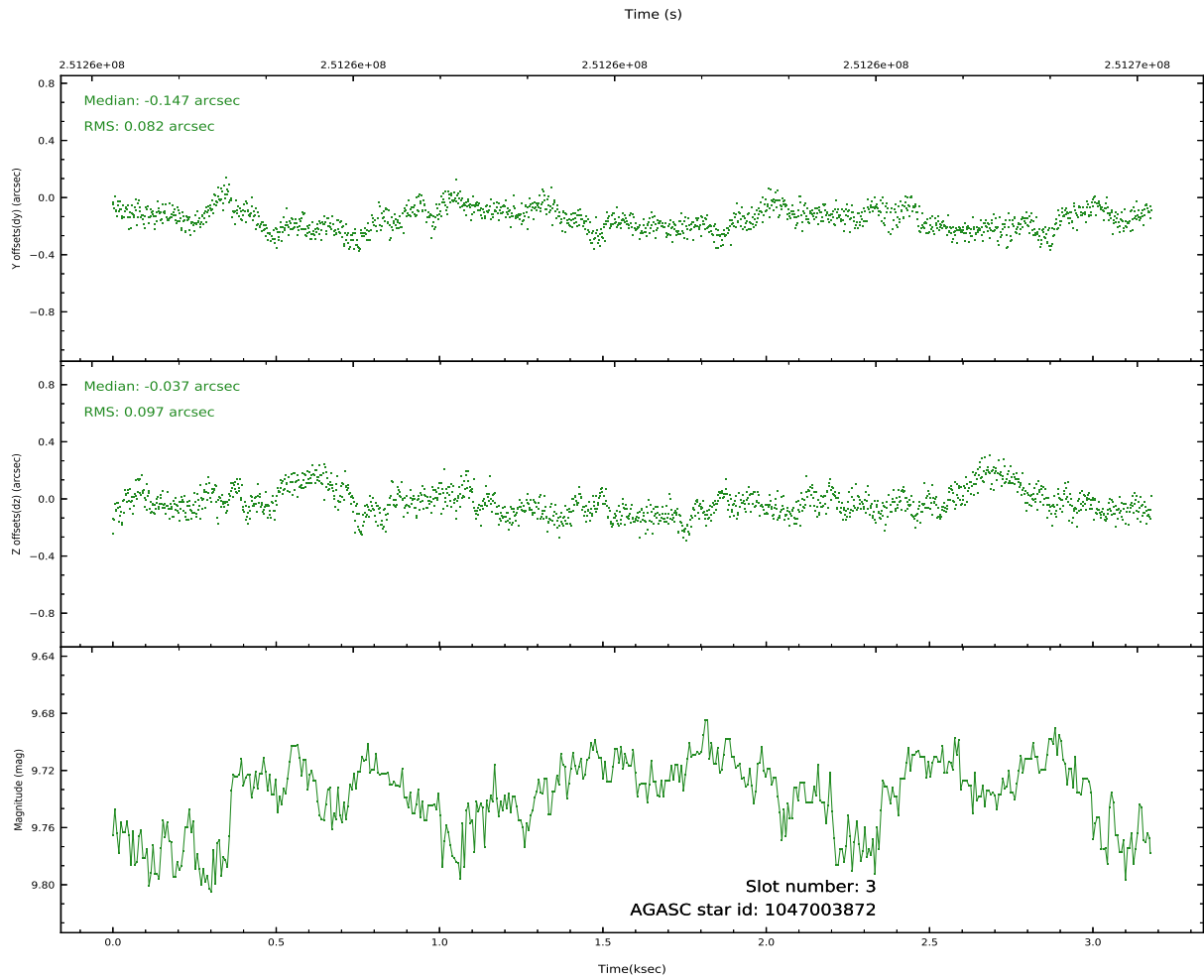
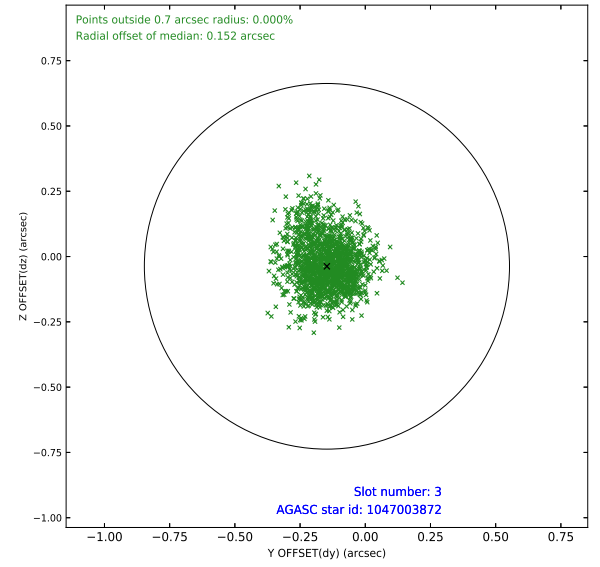
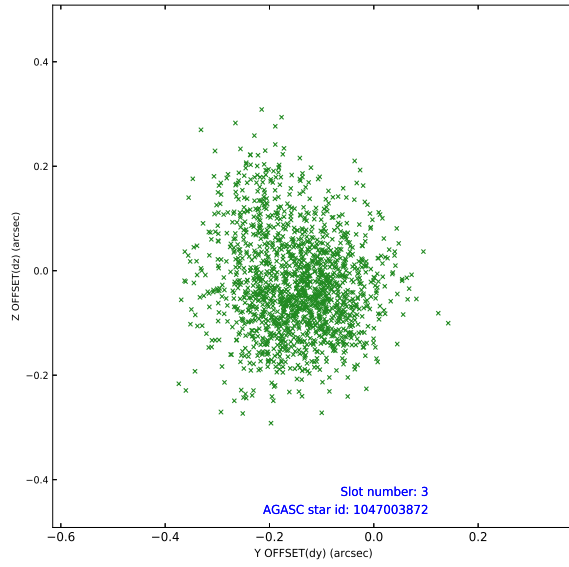


Slot Statistics

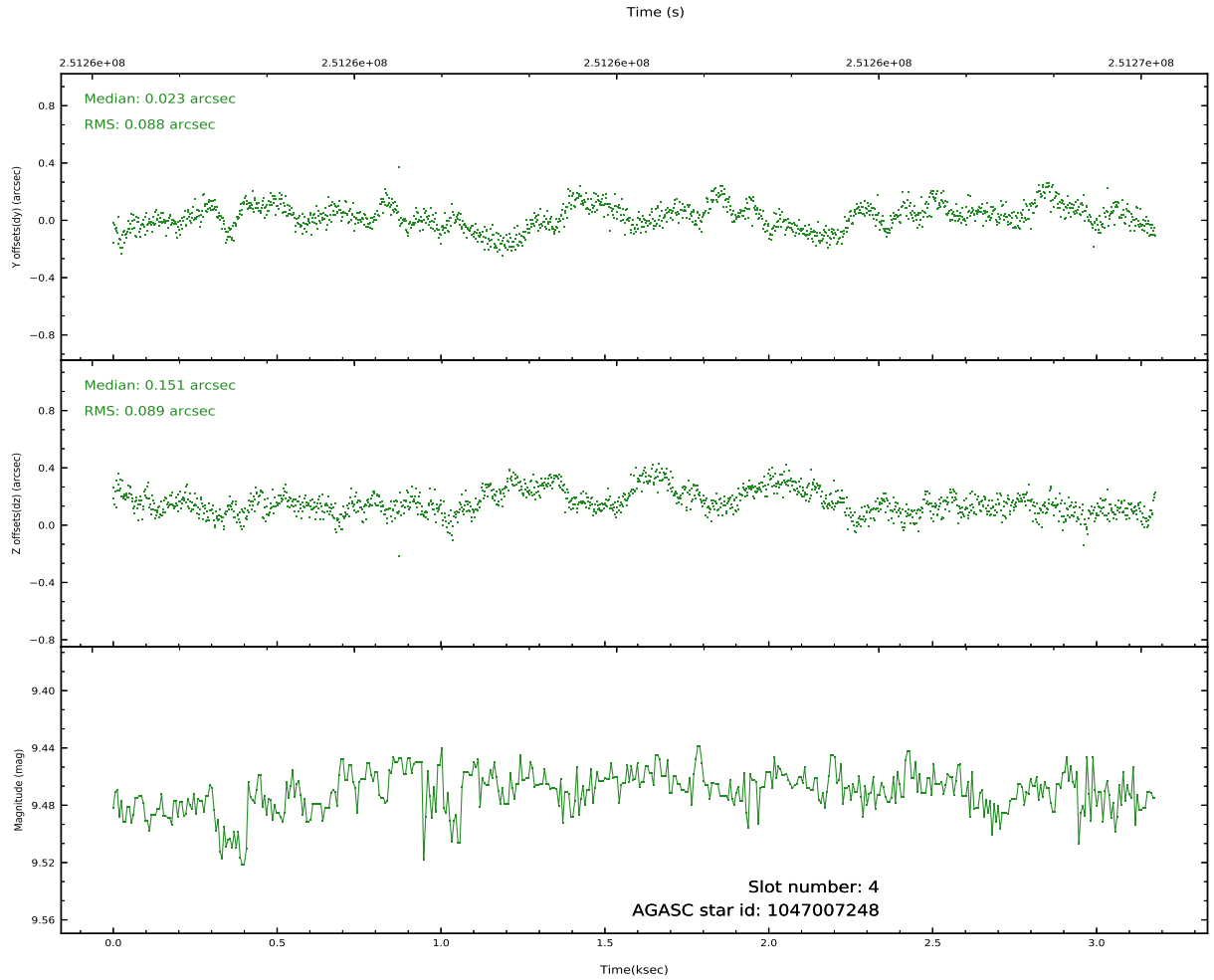
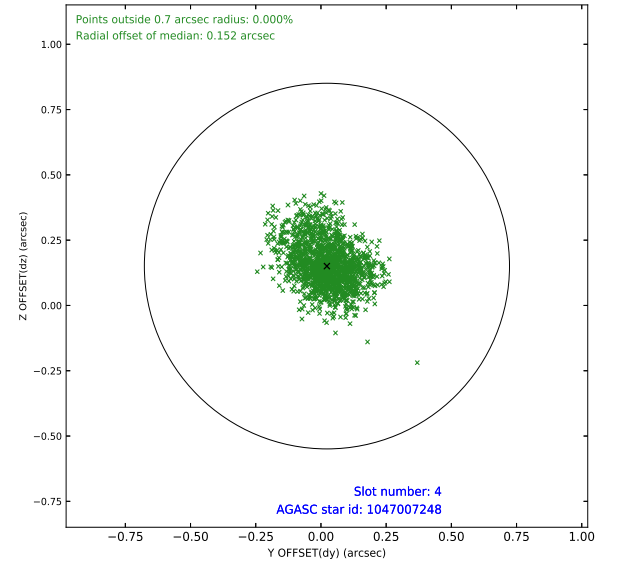
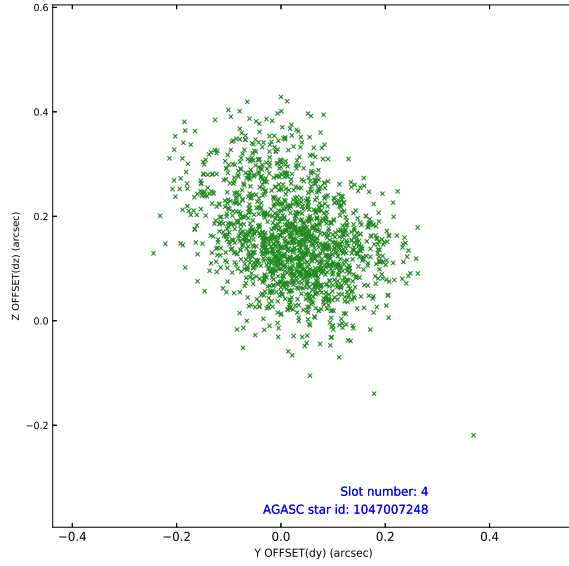
pt	status	used	id	mag	n_pts	frac_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mea
0	FID		ACIS-S-2	7.10	776	1.000	-0.076	-0.056	0.008	0.012	0.000000	0.000000	-760.39	-1731
1	FID		ACIS-S-4	7.21	776	1.000	0.168	0.052	0.006	0.011	0.000000	0.000000	2152.15	174
2	FID		ACIS-S-5	7.24	776	1.000	-0.124	0.013	0.007	0.012	0.000000	0.000000	-1810.78	170
3	GUIDE	used	1047003872	9.73	1549	1.000	-0.147	-0.037	0.134	0.224	322.858455	-42.011417	-1566.66	-2036
4	GUIDE	used	1047007248	9.47	1552	1.000	0.023	0.151	0.132	0.217	324.085136	-42.463397	-105.32	1309
5	GUIDE	used	1047008592	9.56	1551	1.000	-0.110	-0.195	0.151	0.243	323.658573	-42.072742	-1458.19	112
6	GUIDE	used	1047008864	9.75	1551	1.000	0.097	0.194	0.136	0.231	324.195178	-42.763822	963.32	1647
7	GUIDE	used	1047011232	10.54	1548	1.000	0.147	-0.130	0.202	0.334	322.889609	-42.977200	1900.88	-1754

2.4 Star Slots

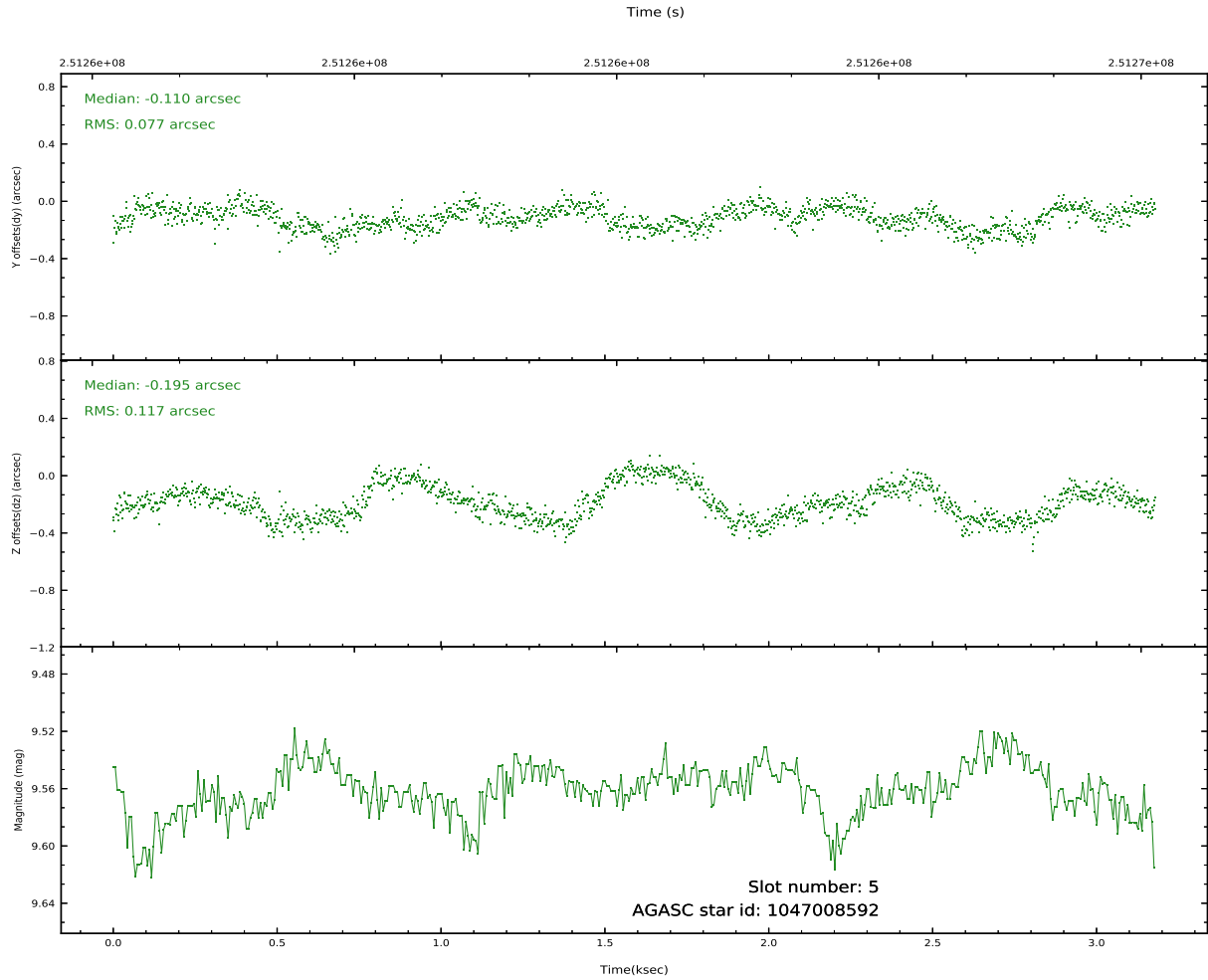
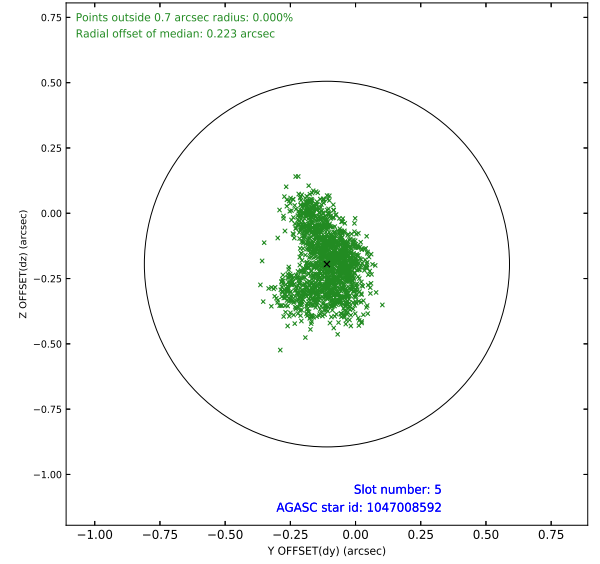
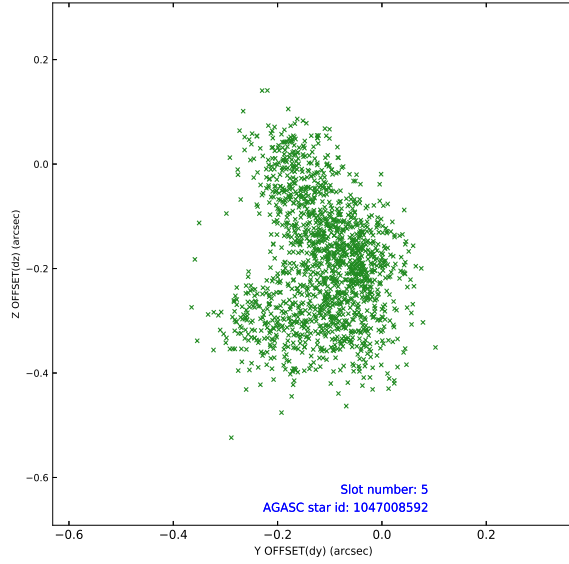
2.4.1 Slot 3



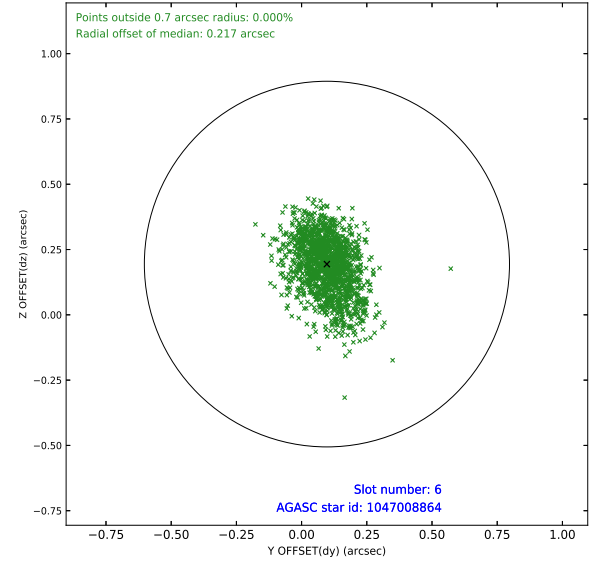
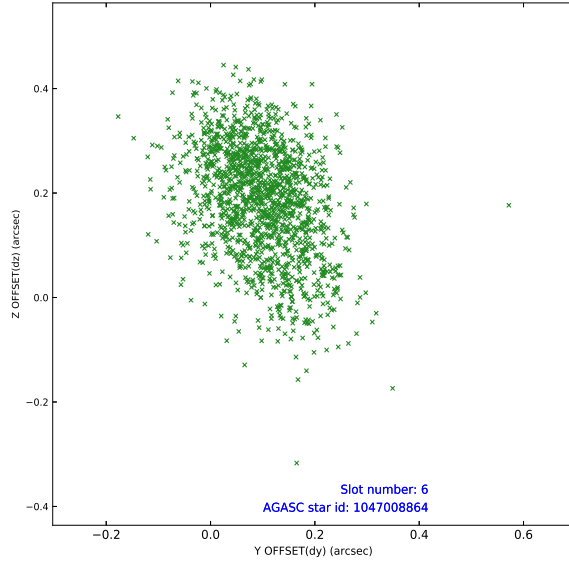
2.4.2 Slot 4



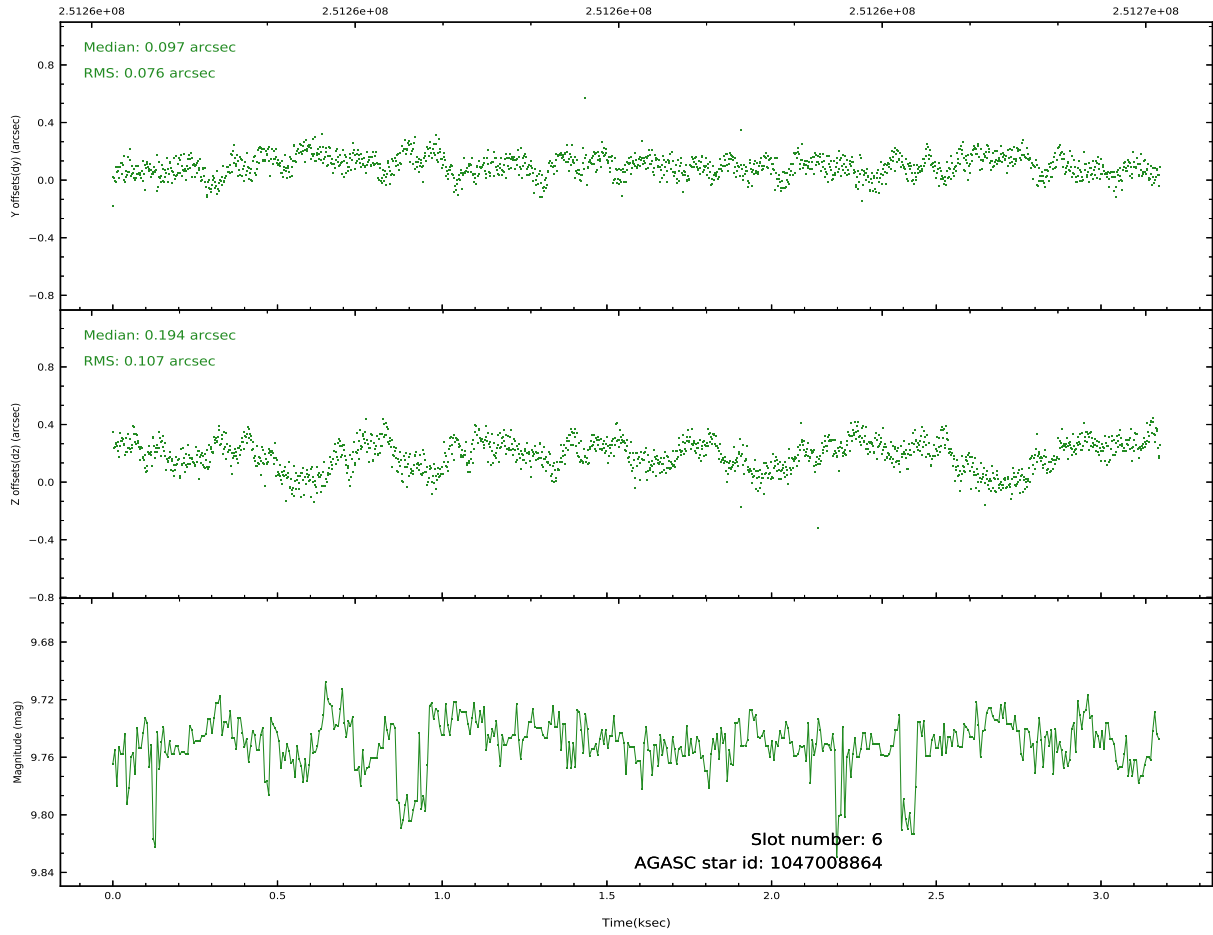
2.4.3 Slot 5



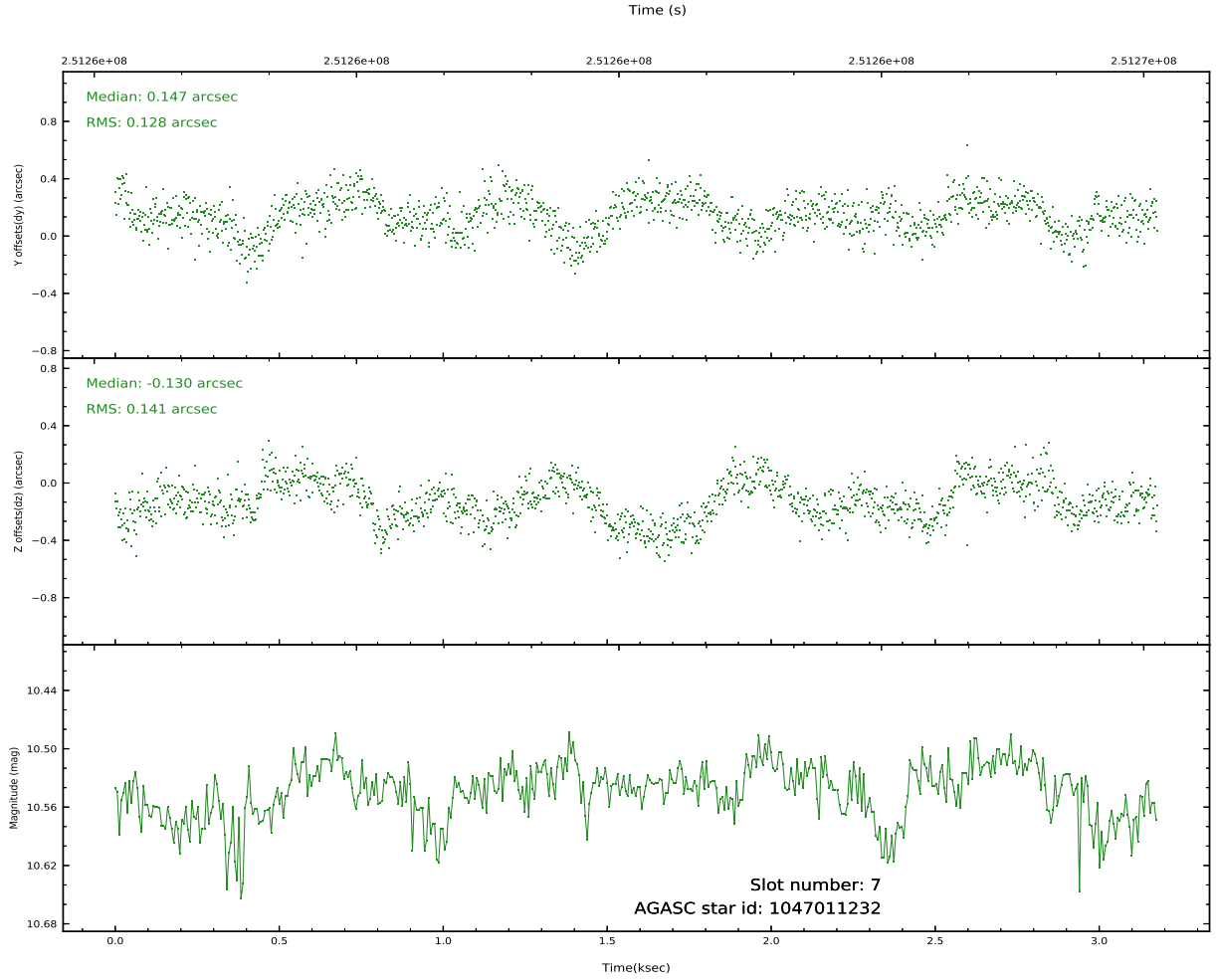
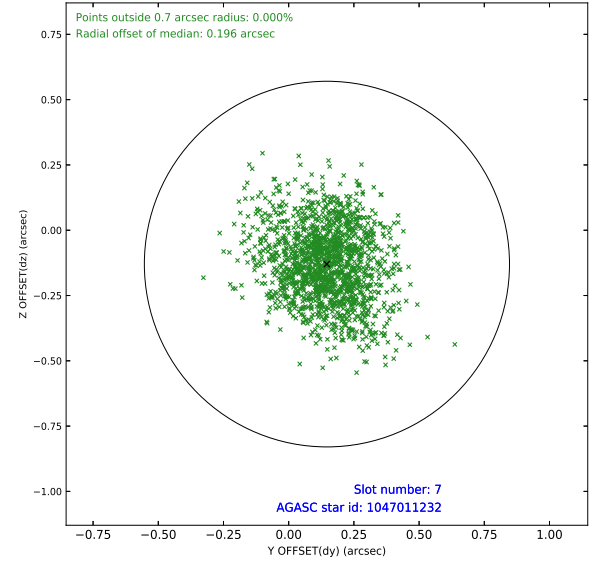
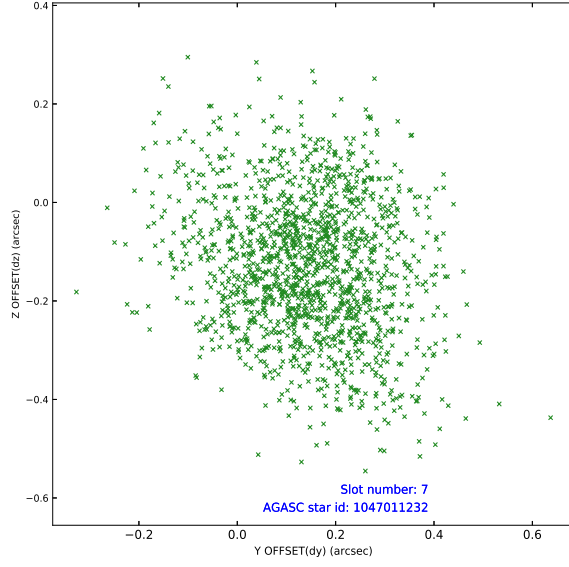
2.4.4 Slot 6



Time (s)

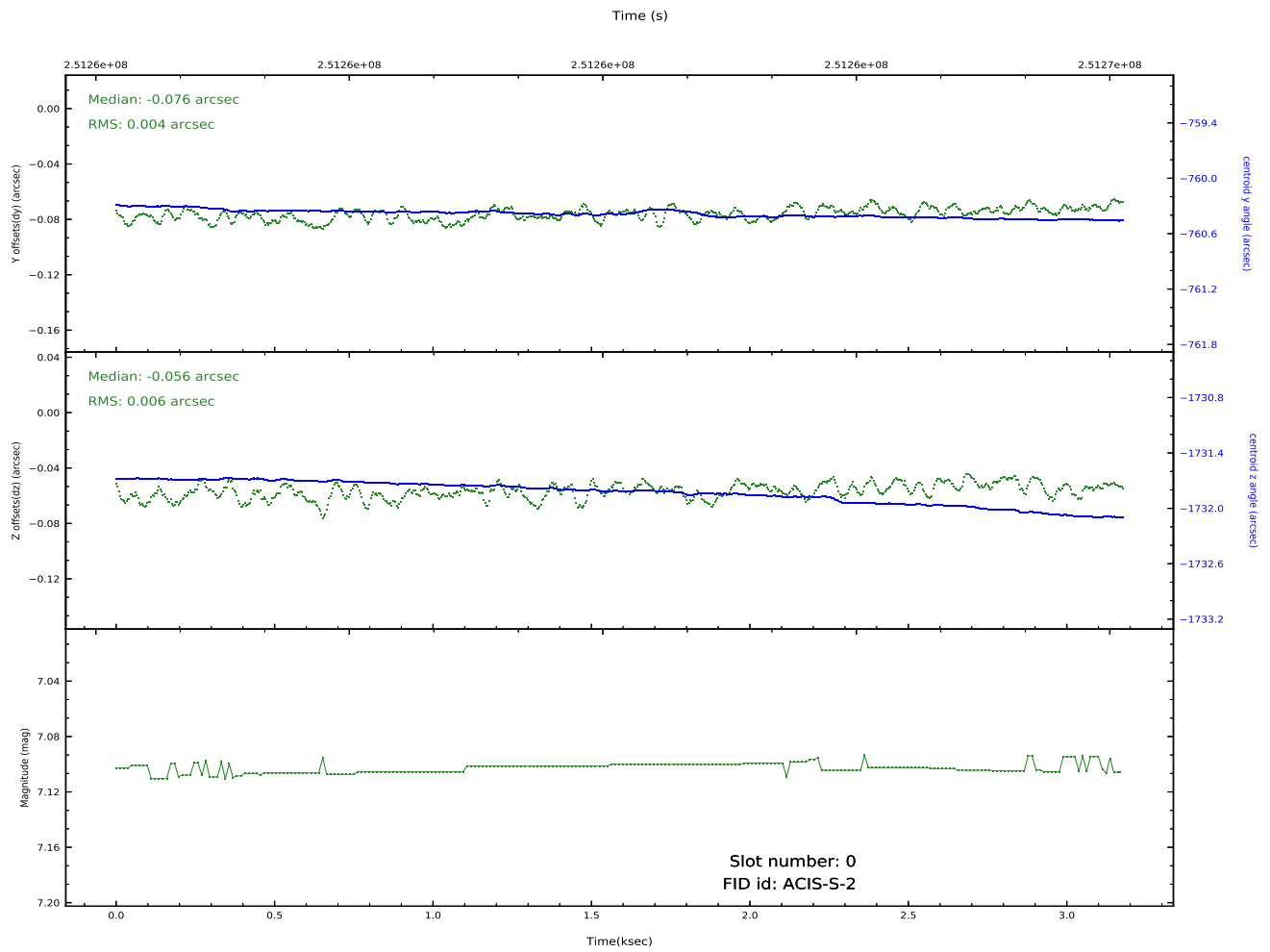
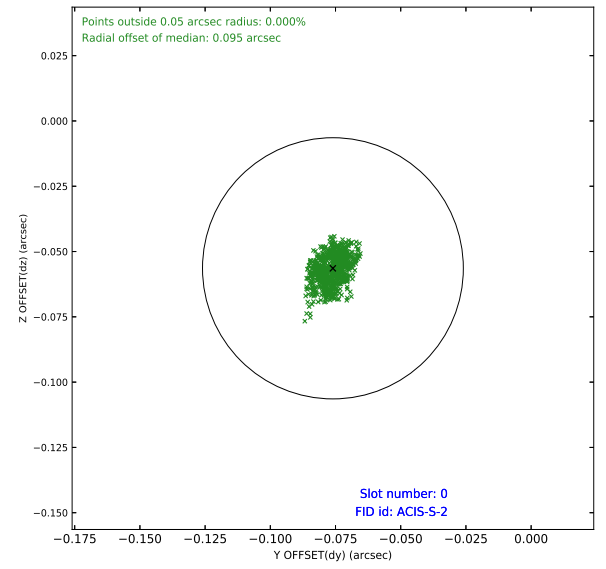
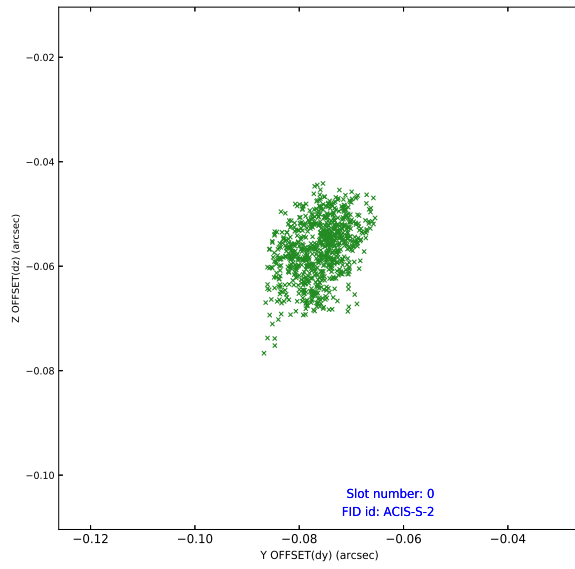


2.4.5 Slot 7

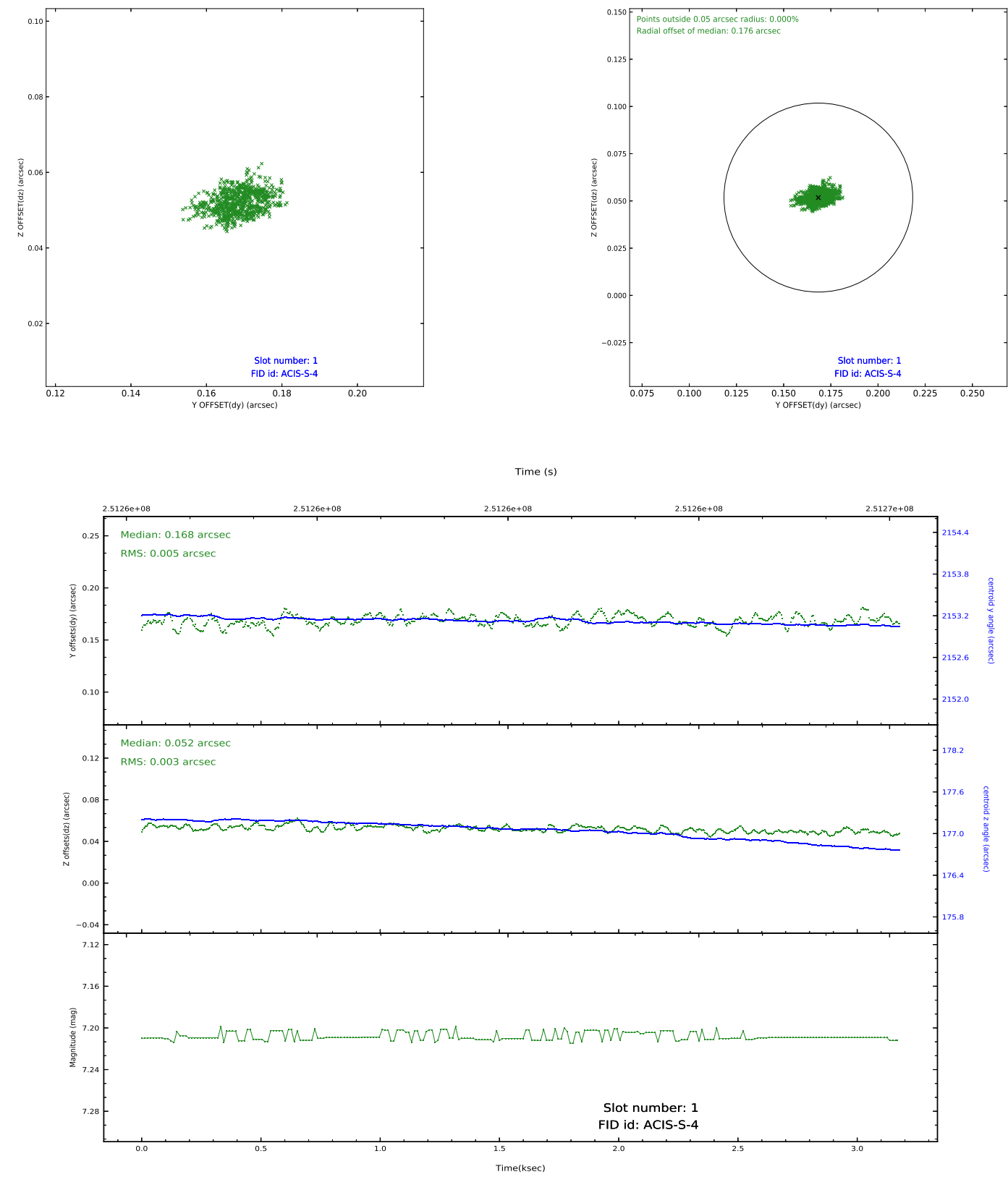


2.5 FID Slots

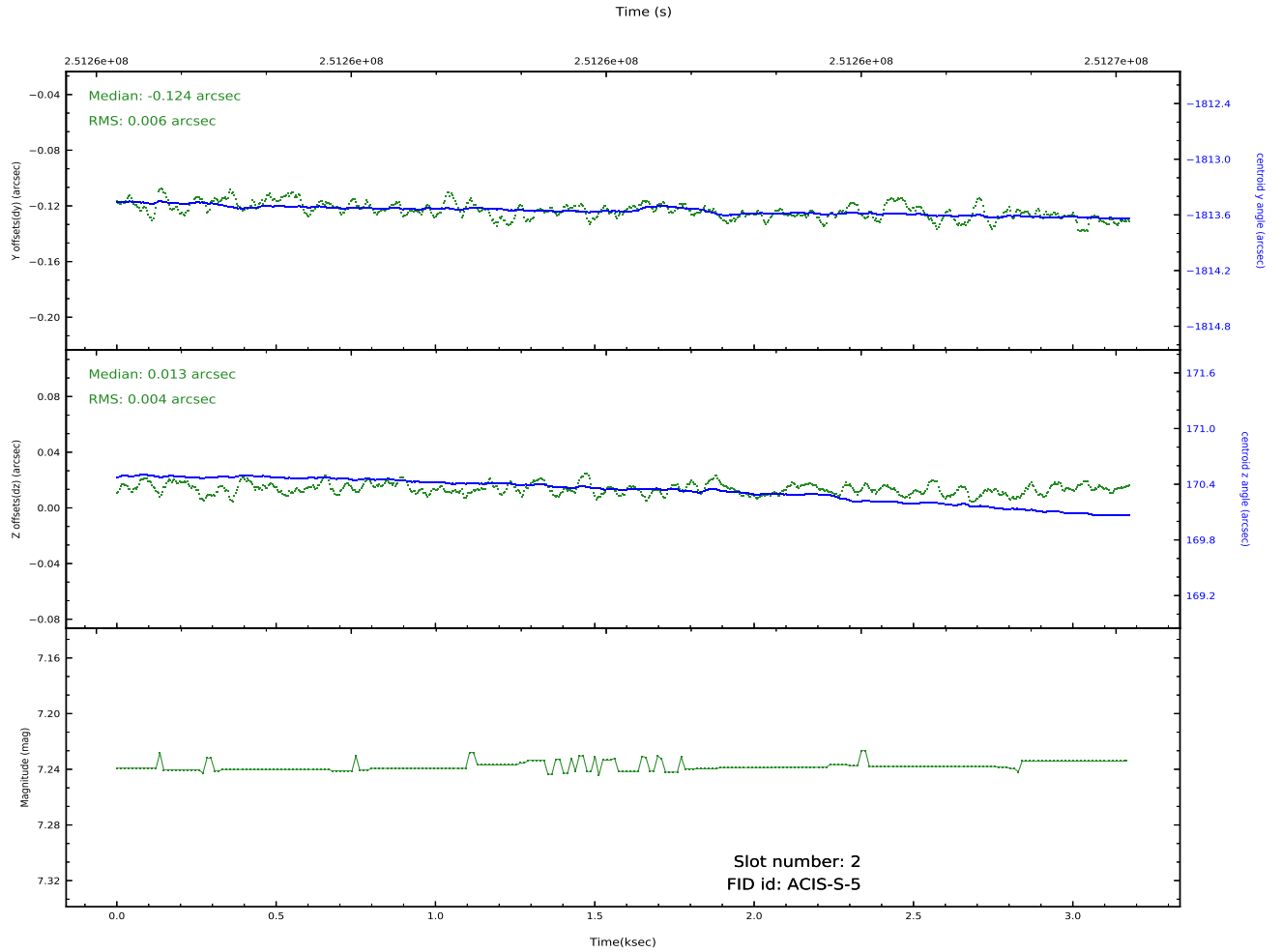
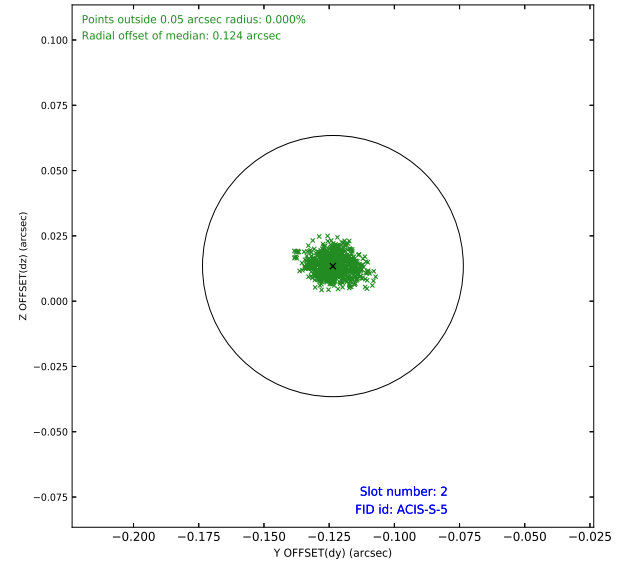
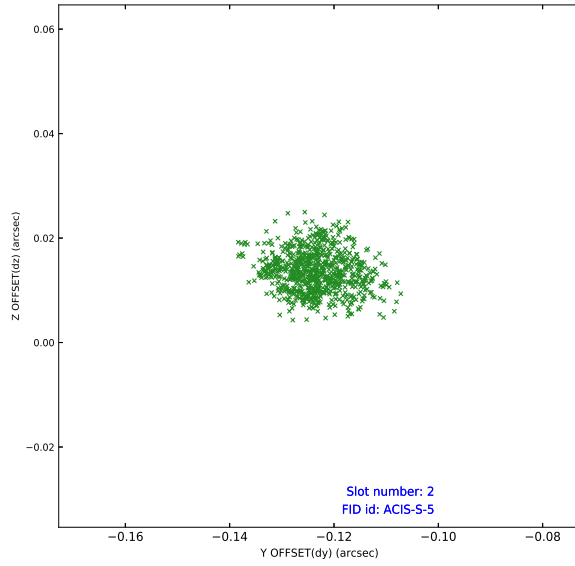
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Francesca Civano
V&V Date (YYYY-MM-DD)	2020.10.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.1788

A.2 Comments