

V&V Reference Report

L2 ASCDS Version : 10.9.1

Observation 6853 - L2 Version 3
Chandra X-Ray Center

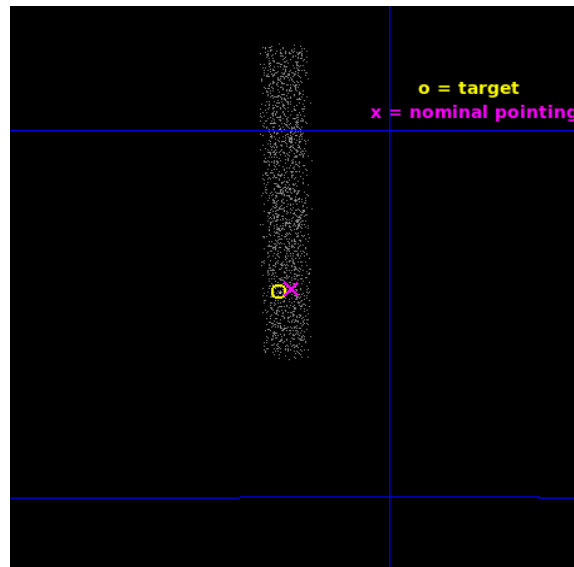
L2 Processing Date : Oct 12 2020

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1 Front

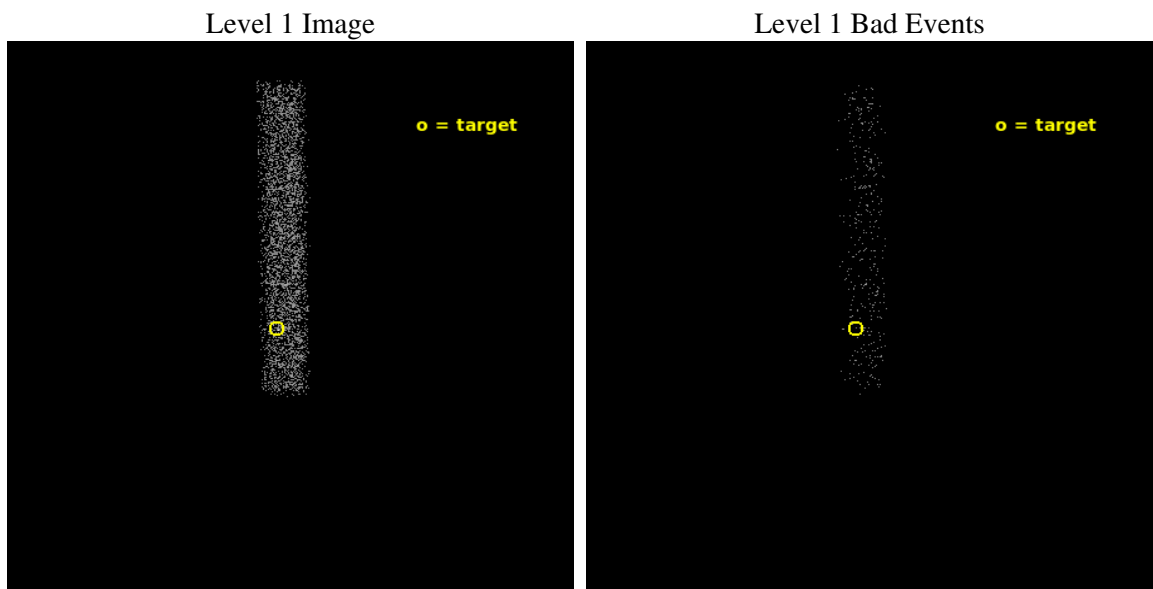
seq_num	701271	Sequence number
obs_id	6853	Observation id
title	A Chandra snapshot survey of naked active galactic nuclei	Proposal
observer	Mario Gliozzi	Principal investigator
object	Q2130-431	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	323.315	Observer's specified target RA [deg]
dec_targ	-42.906667	Observer's specified target Dec [deg]
ra_nom	323.30758758566	Nominal RA [deg]
dec_nom	-42.905458244029	Nominal Dec [deg]
roll_nom	269.42620730794	Nominal Roll [deg]
revision	3	Processing version of data
ontime	3185.2000474334	Sum of GTIs [s]
livetime	2888.8083143782	Livetime [s]
ontime7	3185.2000474334	Sum of GTIs [s]
l2events	2051	Number of level 2 events



2 OBI

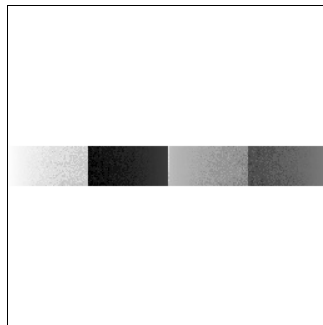
2.1 OBI

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	3185.2000474334	Sum of GTIs [s]
caldsver	4.9.2	 	ontime7	3185.2000474334	Sum of GTIs [s]
date	2020-10-12T04:40:40	Date and time of file creation	l1events	5406	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

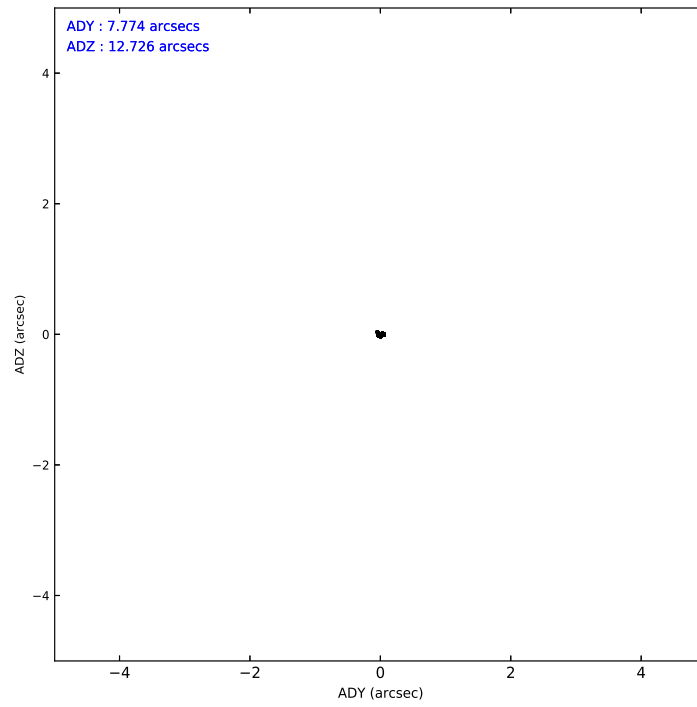
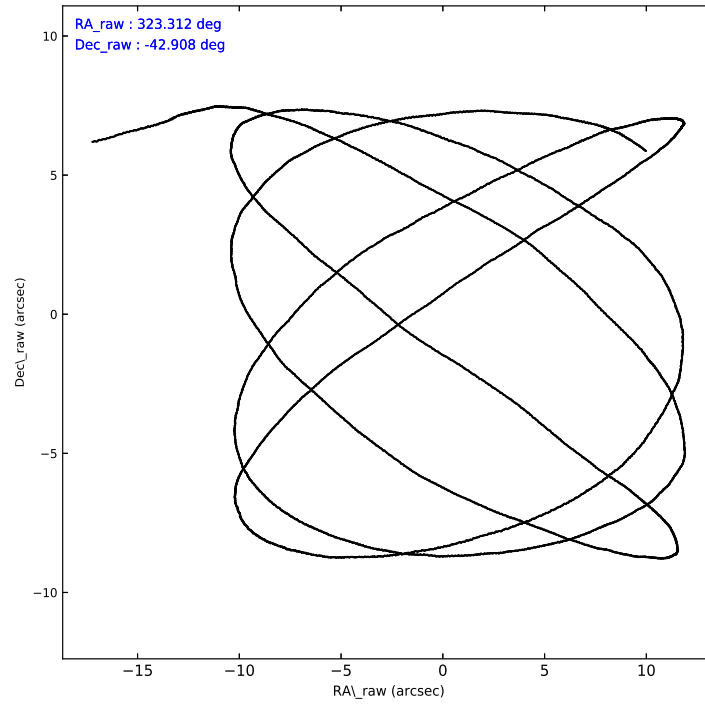
	ccd 7
level 1 events	5406
rejected events	3277
rejected %	60%

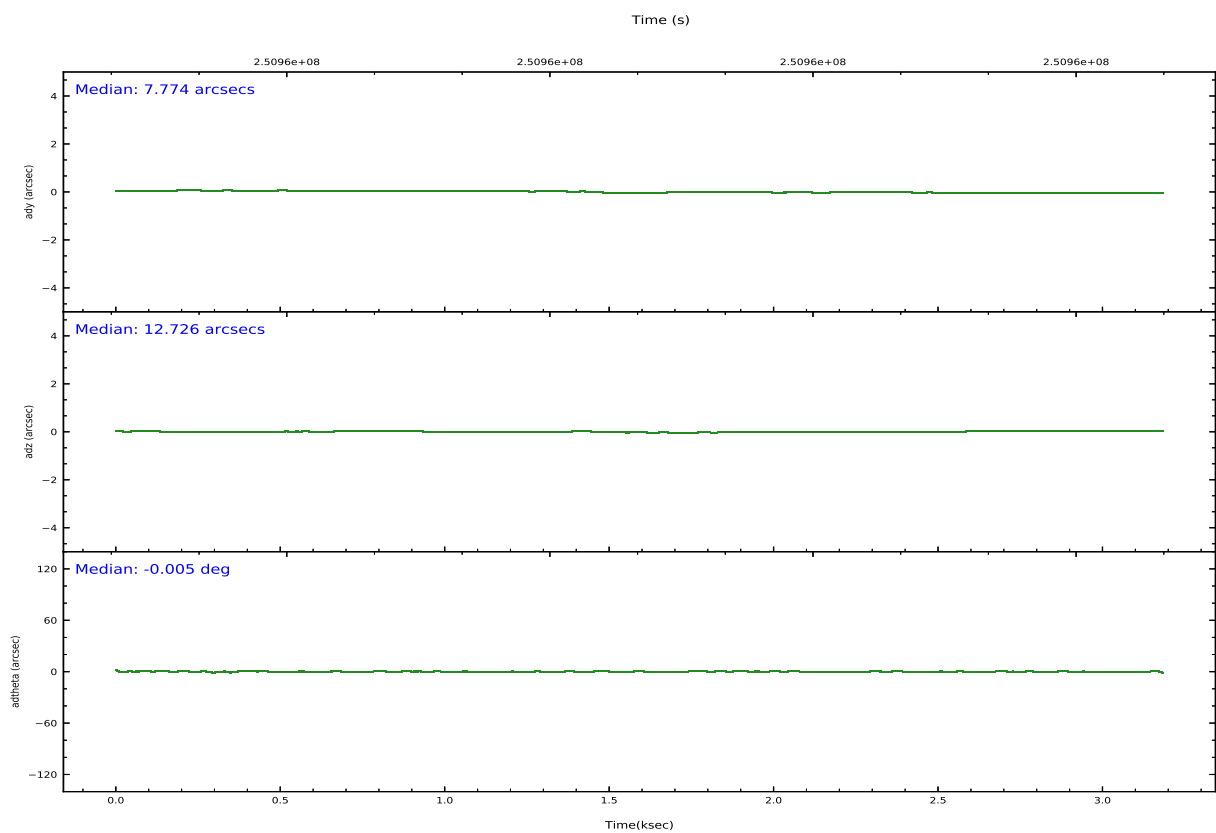
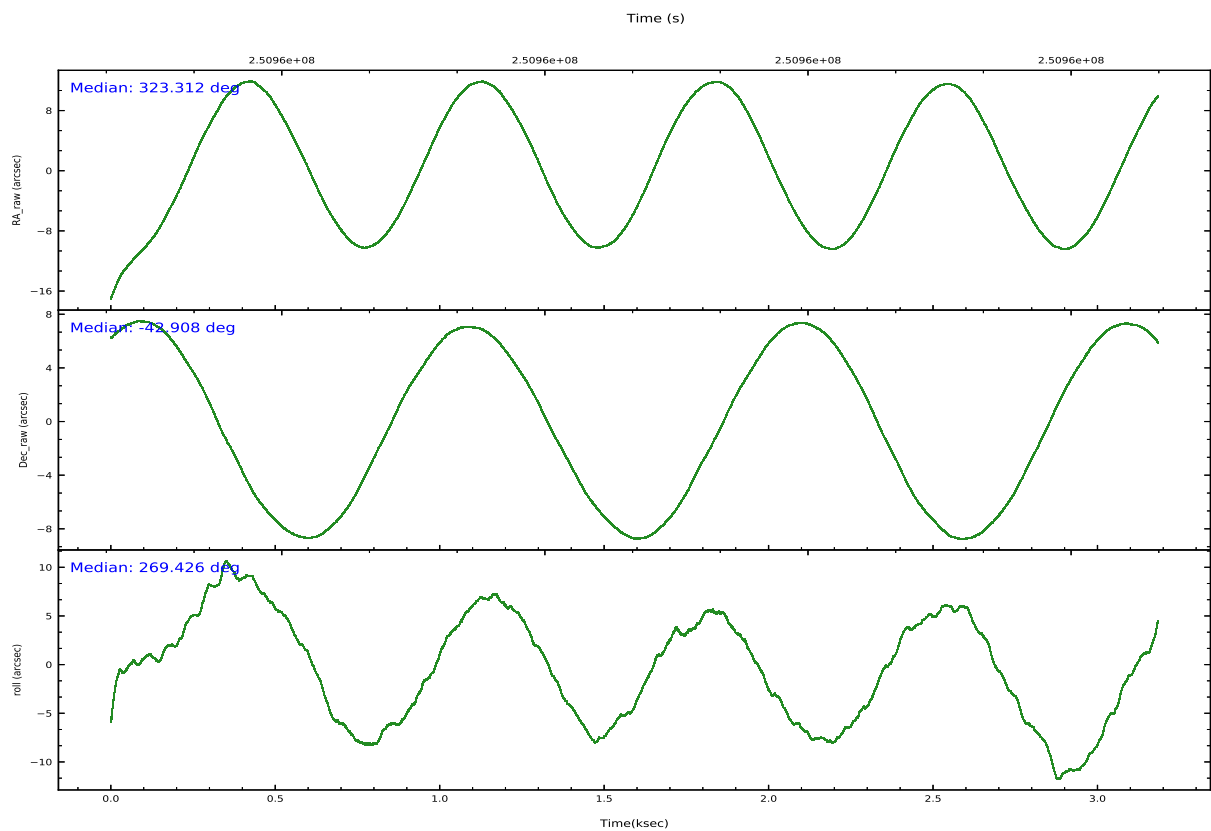
	ccd 7
grade 0 events	272
	5%
grade 1 events	5
	0%
grade 2 events	501
	9%
grade 3 events	350
	6%
grade 4 events	302
	5%
grade 5 events	509
	9%
grade 6 events	1074
	19%
grade 7 events	2393
	44%

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	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	323.293996	323.30758758566	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	-42.884356	-42.905458244029	Subarray start row	449	449
[deg] Pointing Roll	269.262240	269.42620730794	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	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	250956466.184000	250955564.09627			
Observation start date	2005-12-14T14:06:42	2005-12-14T13:52:44			
[s] Observation end time (MET)	250959466.184000	250960231.43399			
Observation end date	2005-12-14T14:56:42	2005-12-14T15:10:31			
Read mode	TIMED	TIMED			

2.3 Aspect



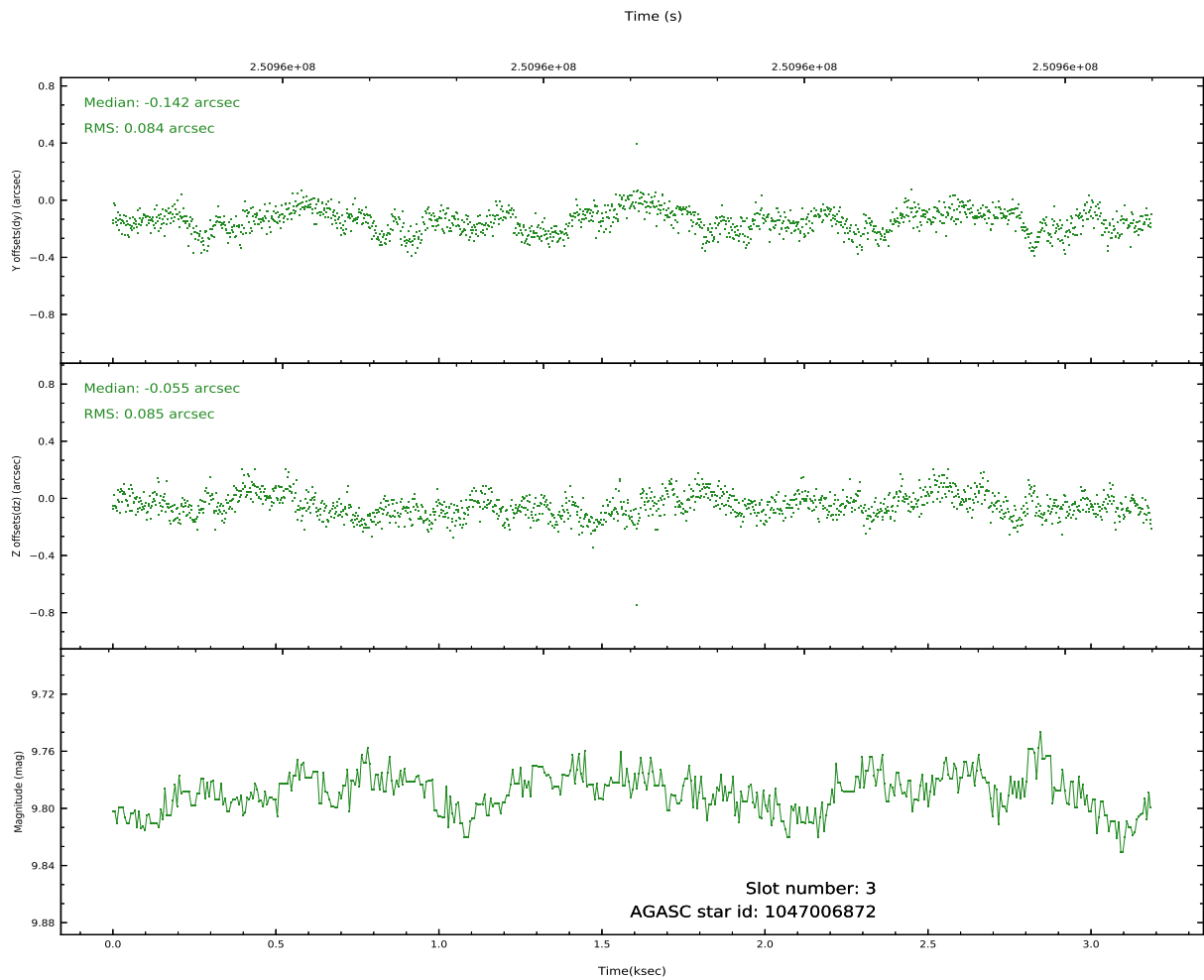
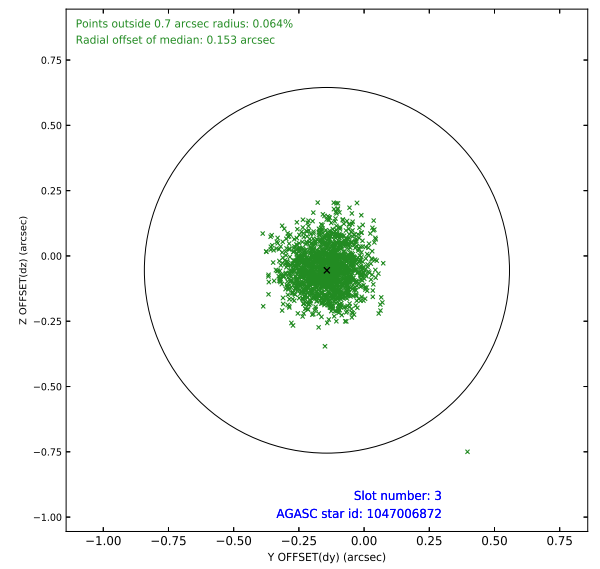
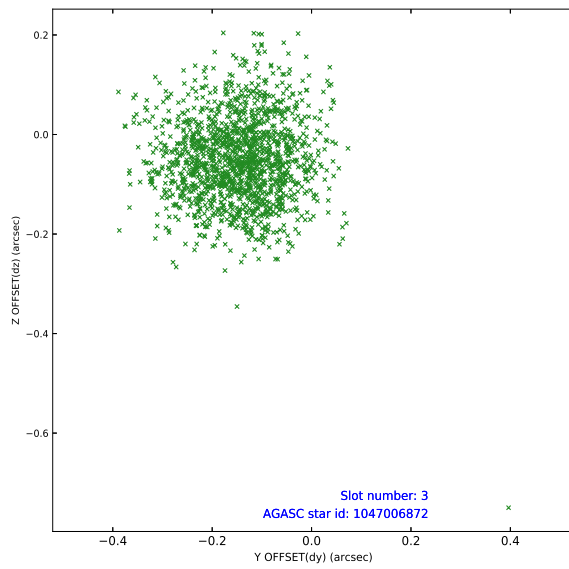


Slot Statistics

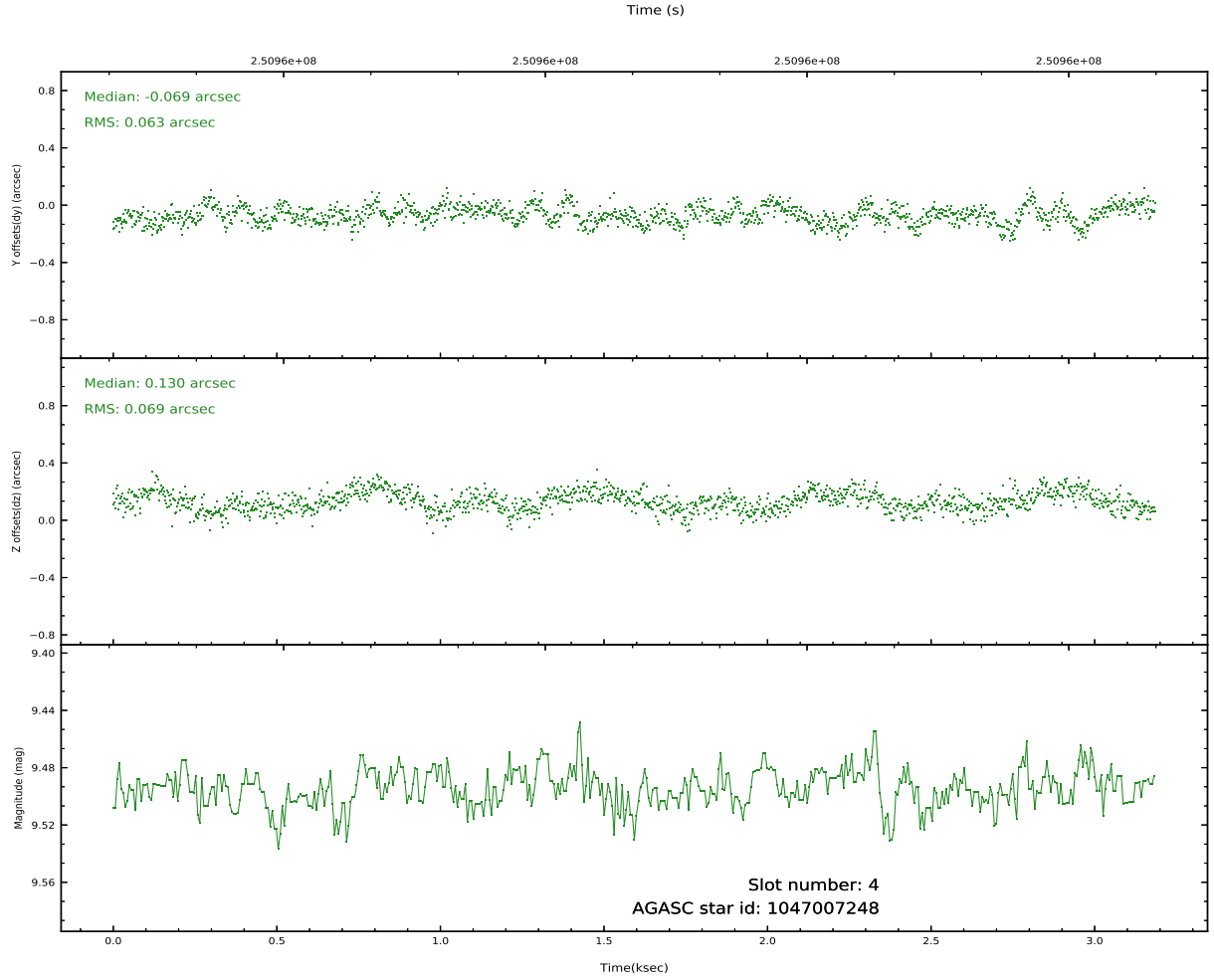
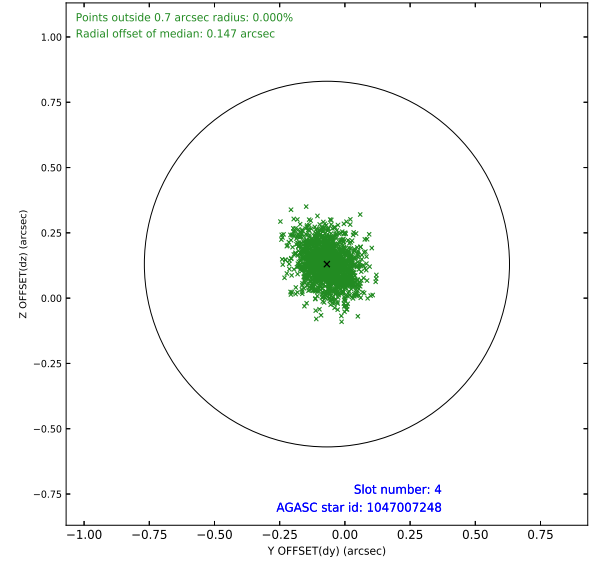
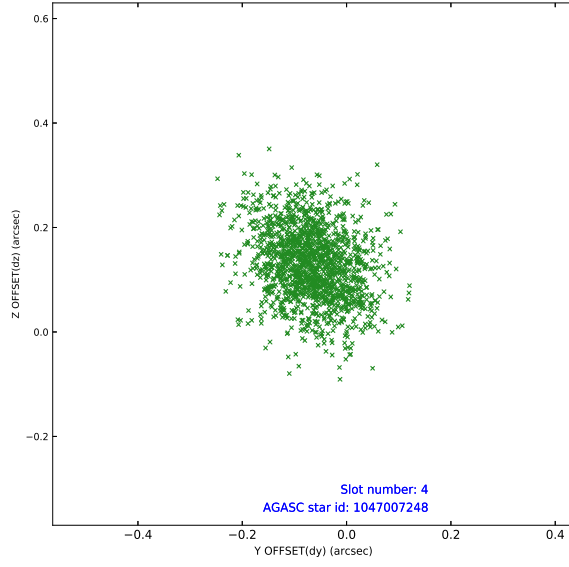
pt	status	used	id	mag	n_pts	frac_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mea
0	FID		ACIS-S-2	7.10	777	1.000	-0.035	-0.072	0.006	0.010	0.000000	0.000000	-760.57	-1734
1	FID		ACIS-S-4	7.20	776	1.000	0.133	0.036	0.005	0.010	0.000000	0.000000	2151.95	172
2	FID		ACIS-S-5	7.23	778	1.000	-0.130	0.045	0.007	0.011	0.000000	0.000000	-1810.96	168
3	GUIDE	used	1047006872	9.79	1553	1.000	-0.142	-0.055	0.126	0.202	322.614258	-42.328332	-1969.91	-1835
4	GUIDE	used	1047007248	9.49	1554	1.000	-0.069	0.130	0.099	0.164	324.085136	-42.463397	-1533.43	2080
5	GUIDE	used	1047399336	6.87	1555	1.000	0.252	-0.061	0.077	0.120	322.464483	-43.507431	2282.18	-2134
6	GUIDE	used	1047008864	9.79	1555	1.000	0.056	0.051	0.133	0.216	324.195178	-42.763822	-449.73	2375
7	GUIDE	used	1047010000	9.96	1551	1.000	-0.100	-0.079	0.106	0.175	322.623573	-42.284542	-2128.41	-1811

2.4 Star Slots

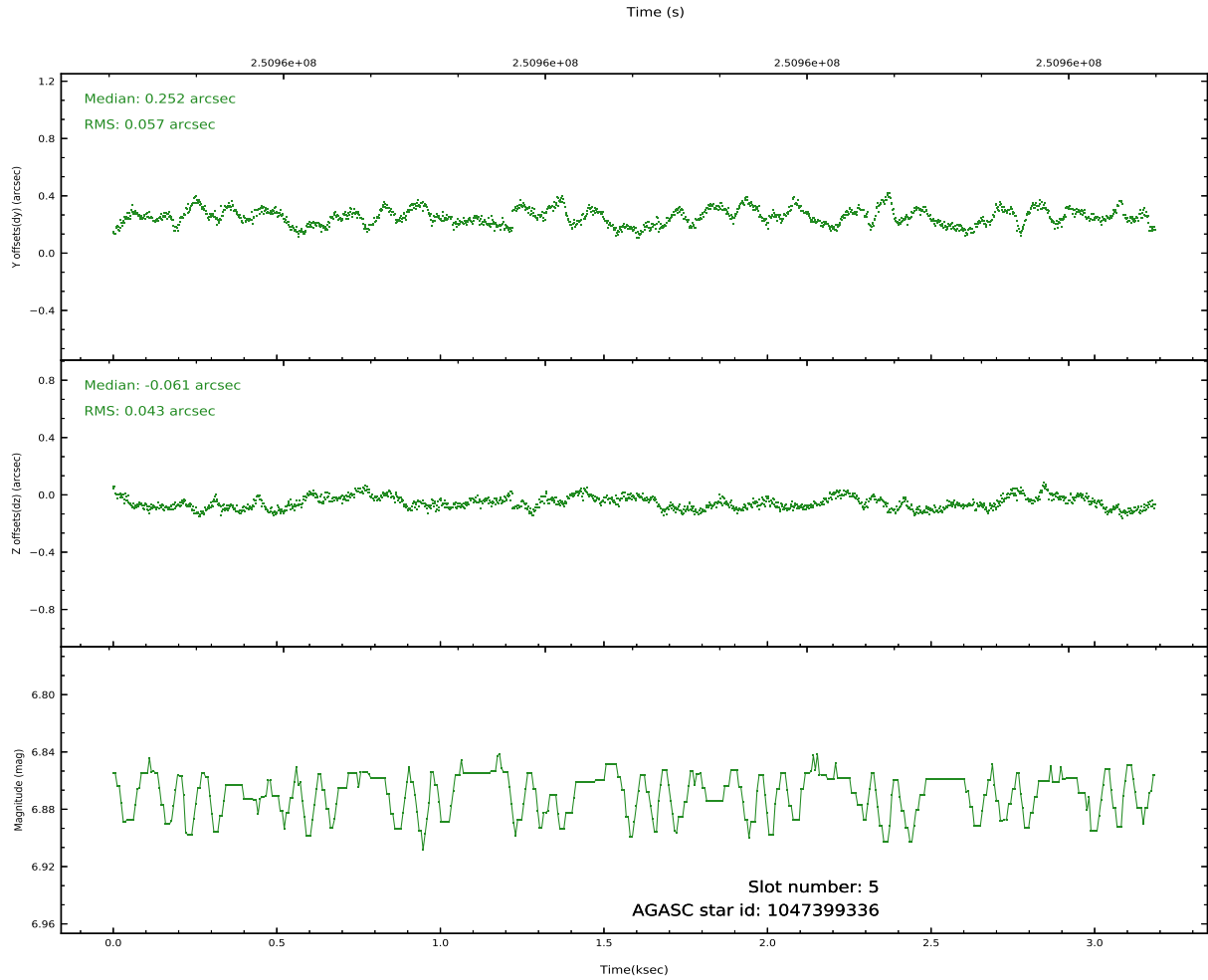
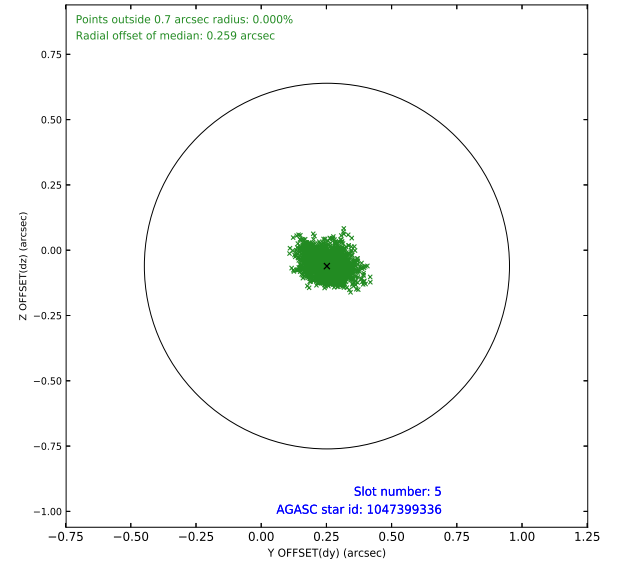
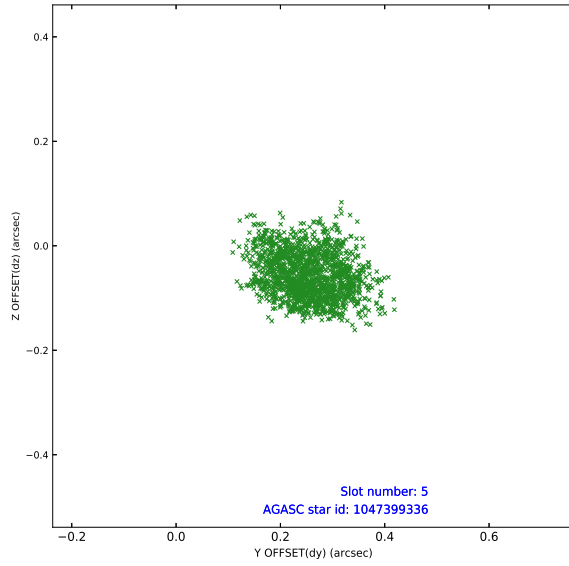
2.4.1 Slot 3



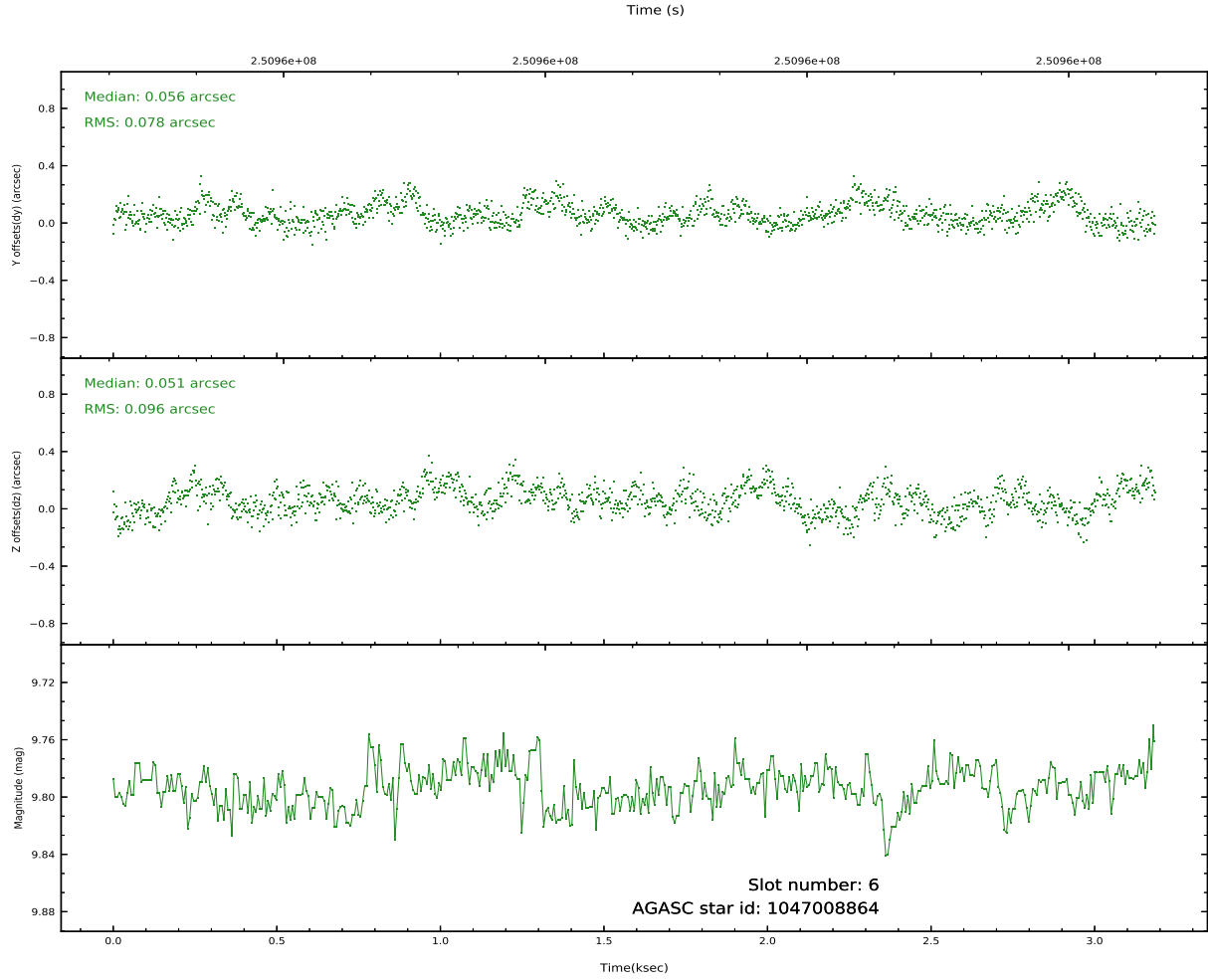
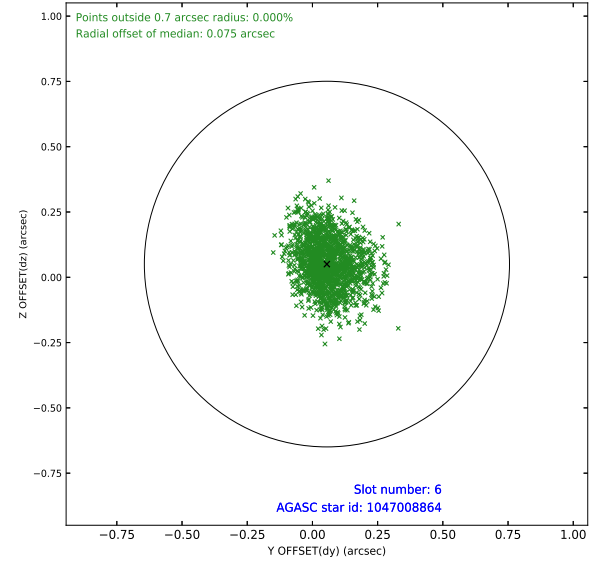
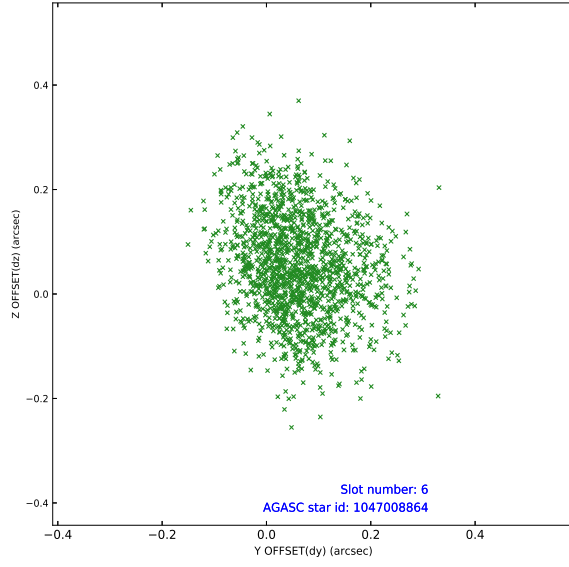
2.4.2 Slot 4



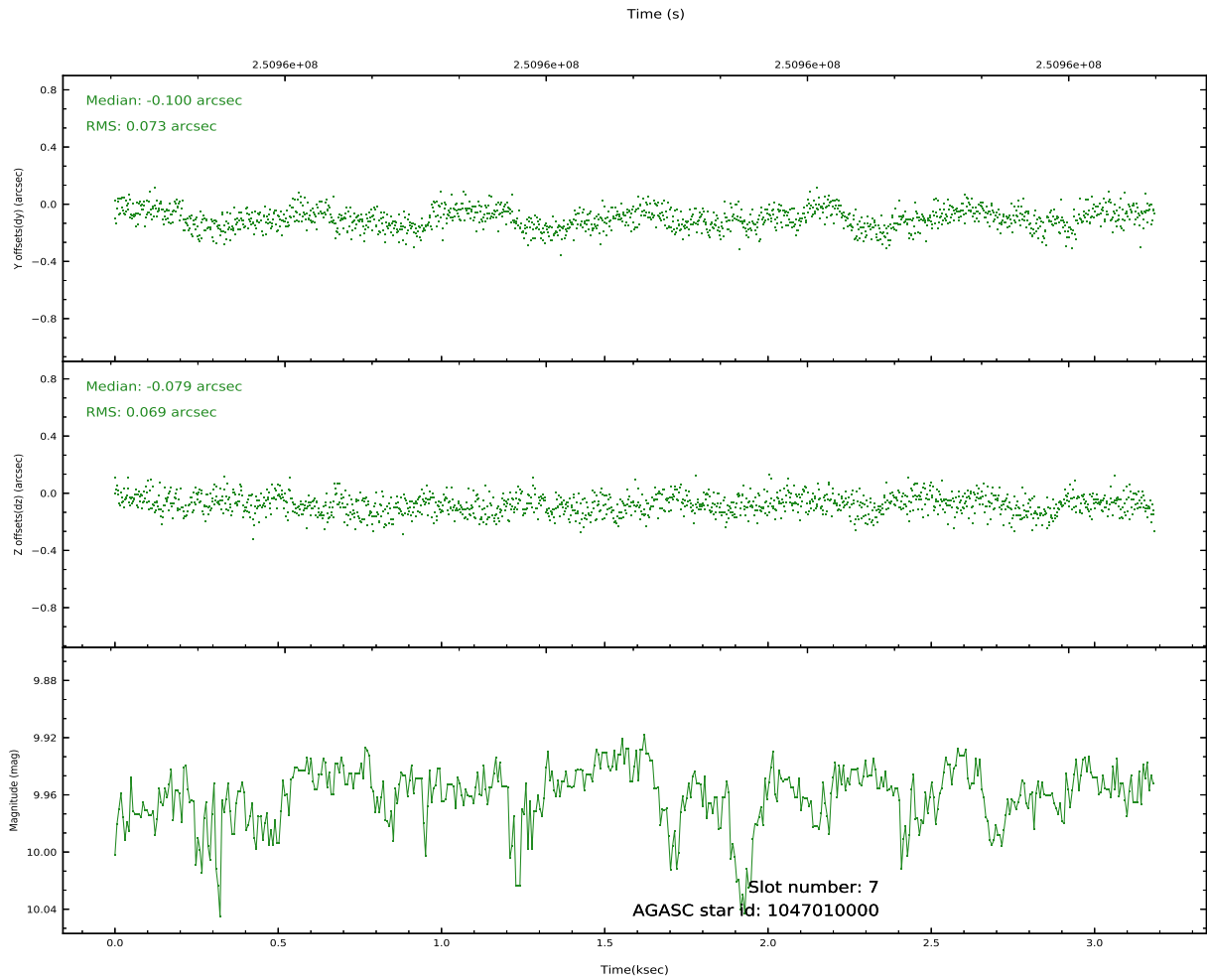
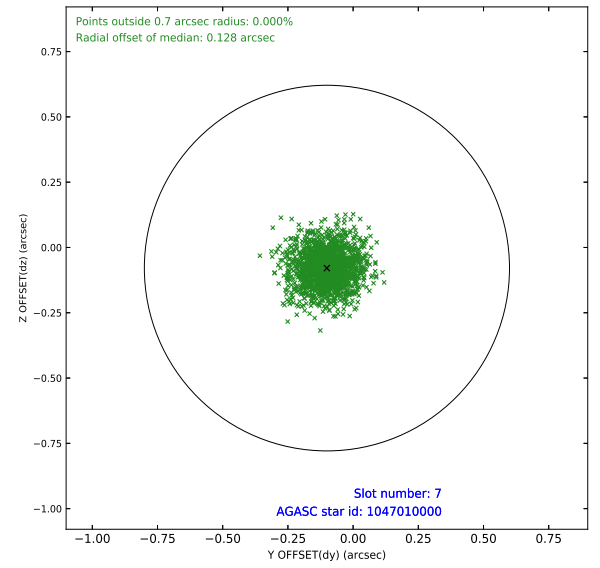
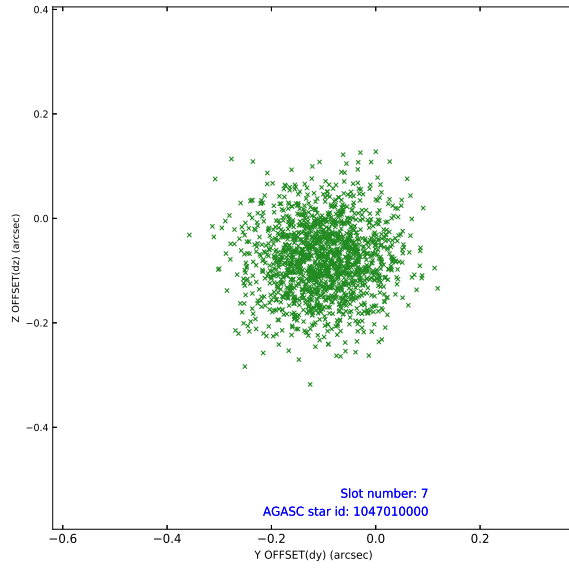
2.4.3 Slot 5



2.4.4 Slot 6

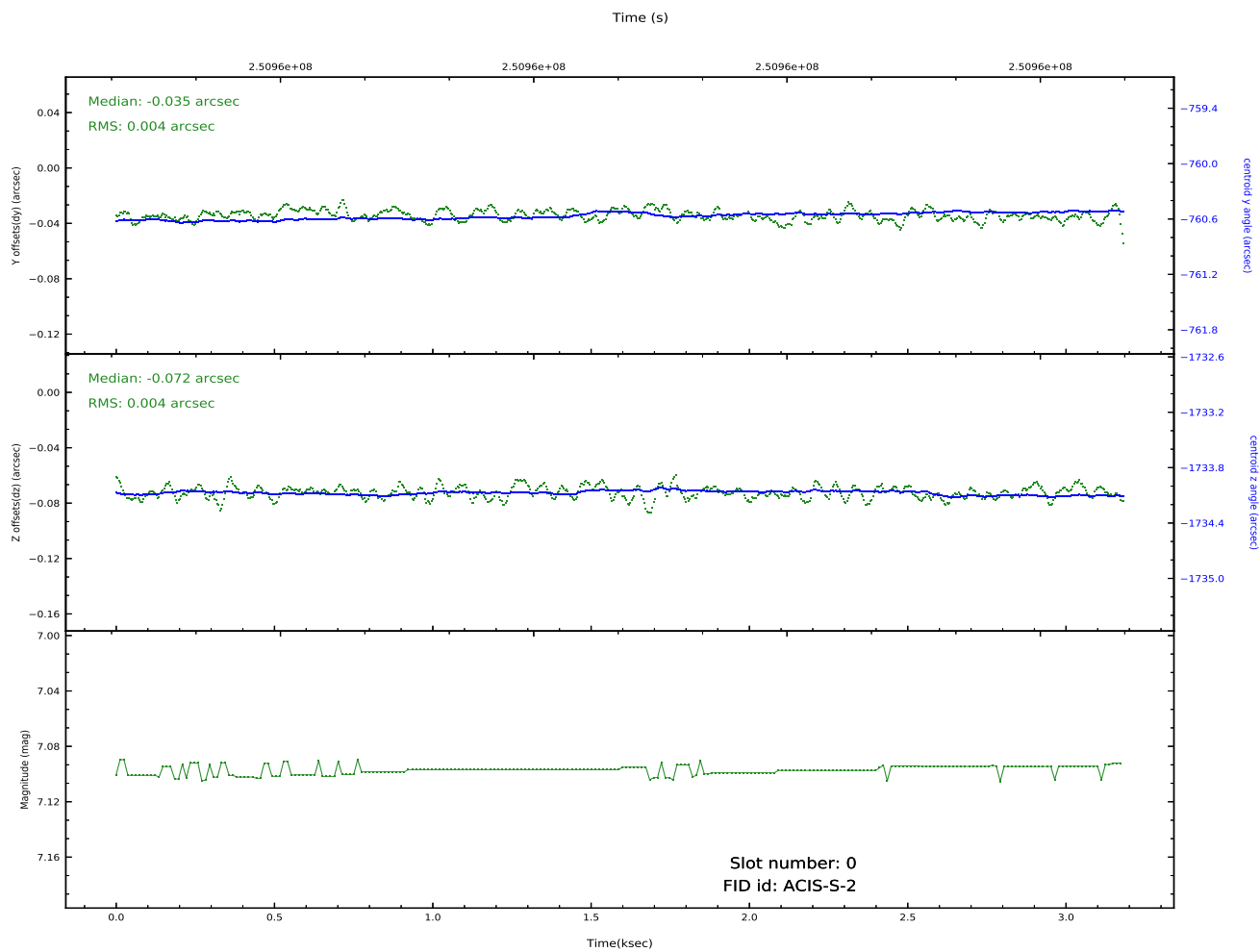
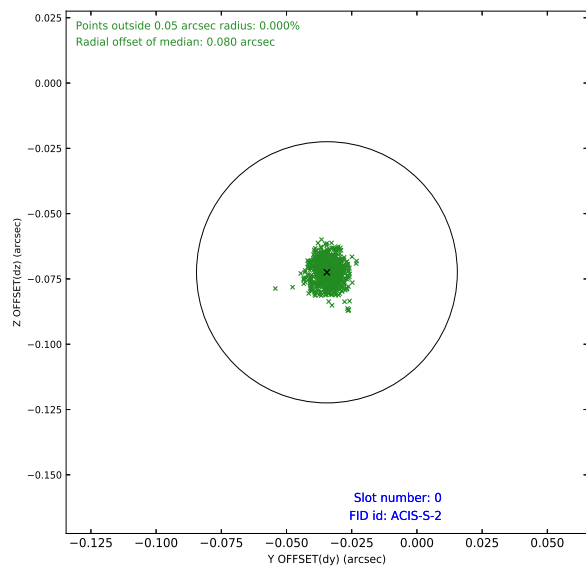
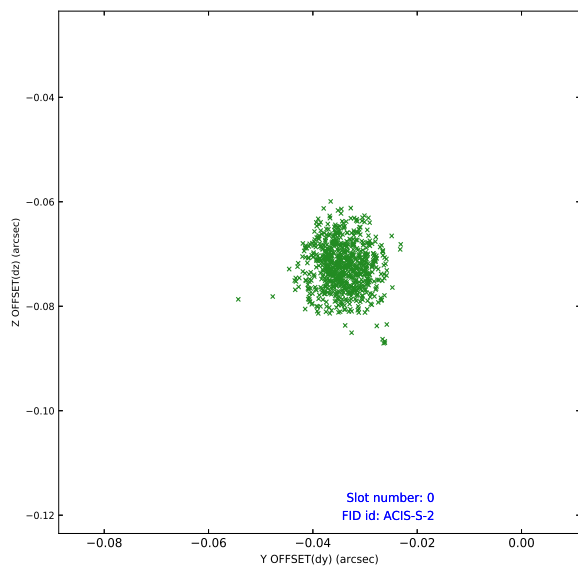


2.4.5 Slot 7

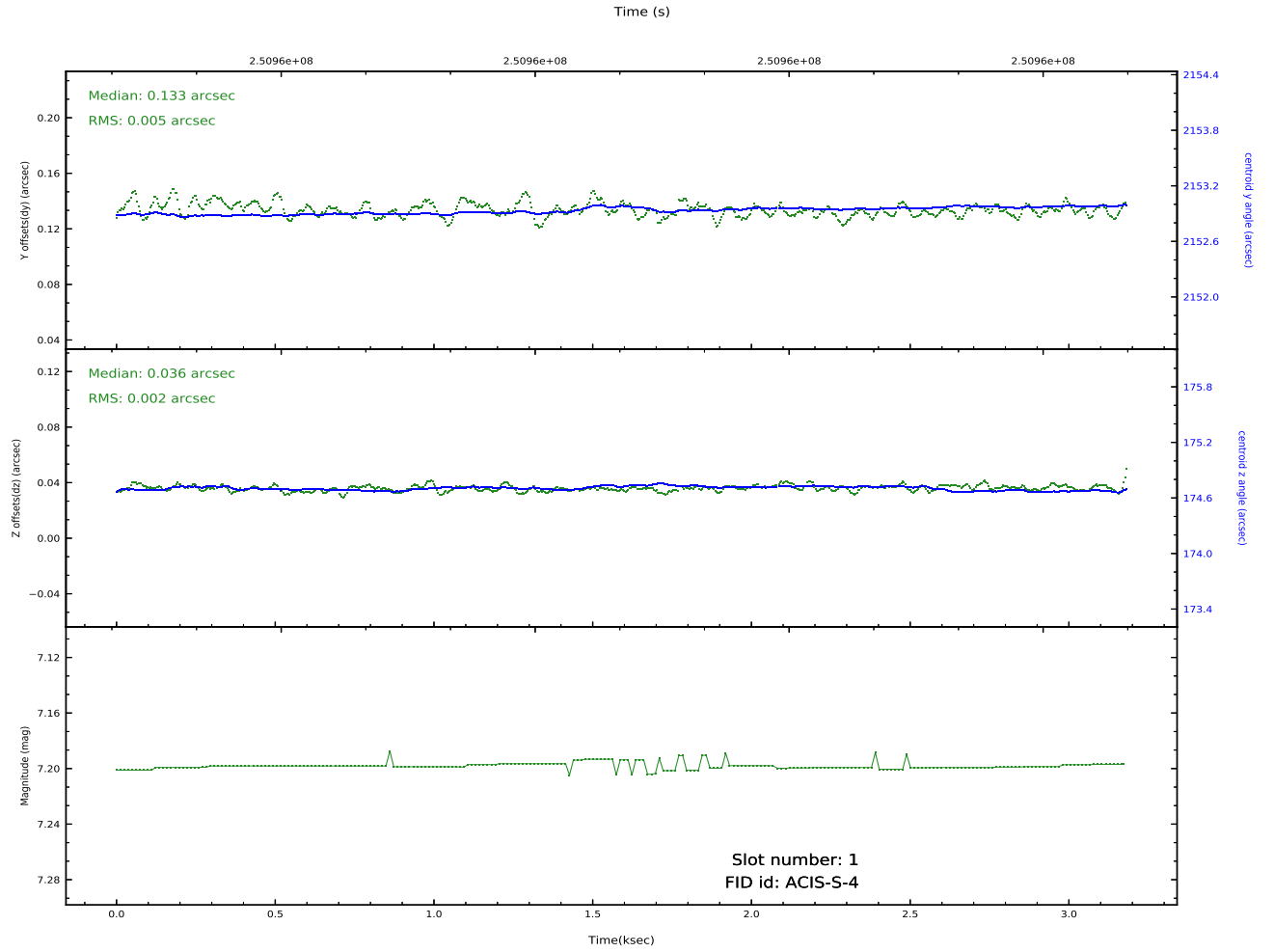
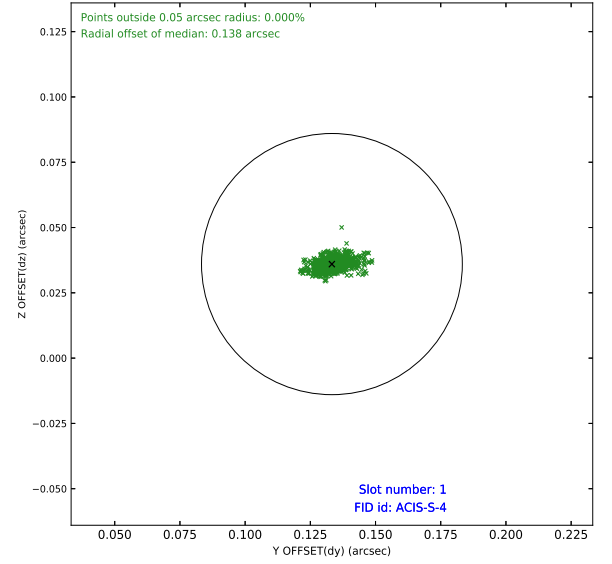
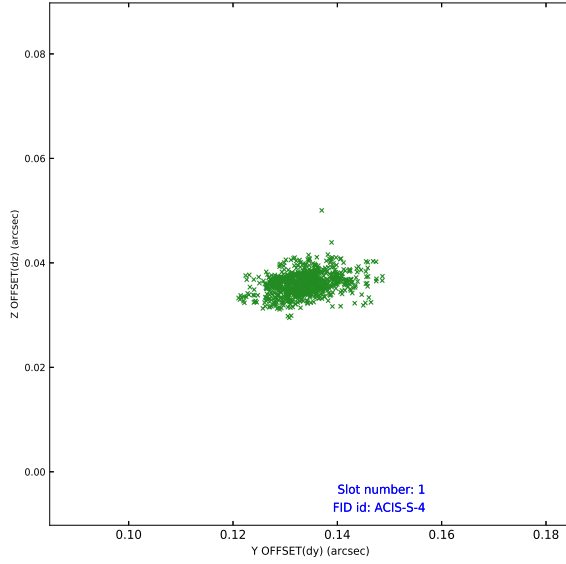


2.5 FID Slots

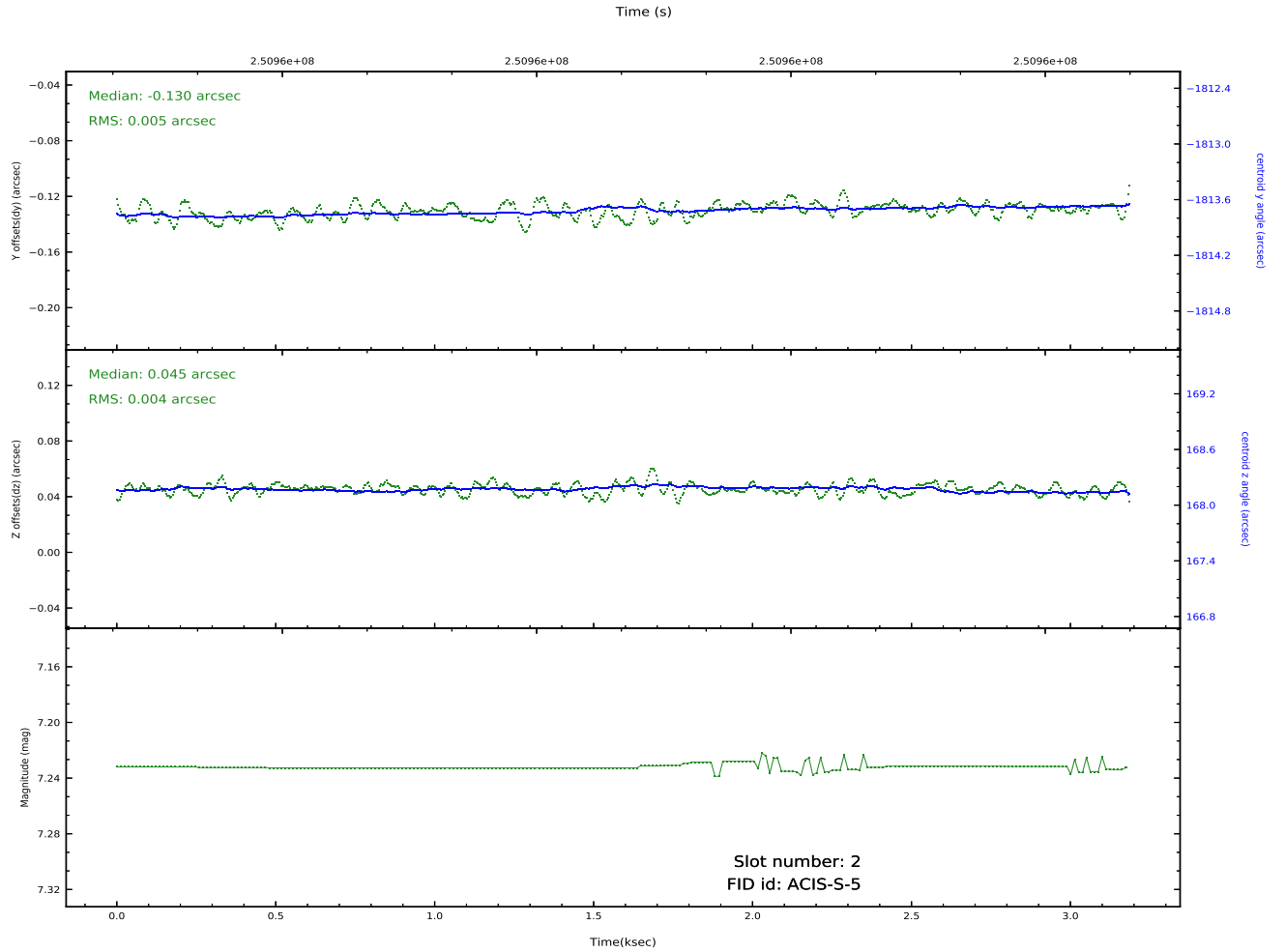
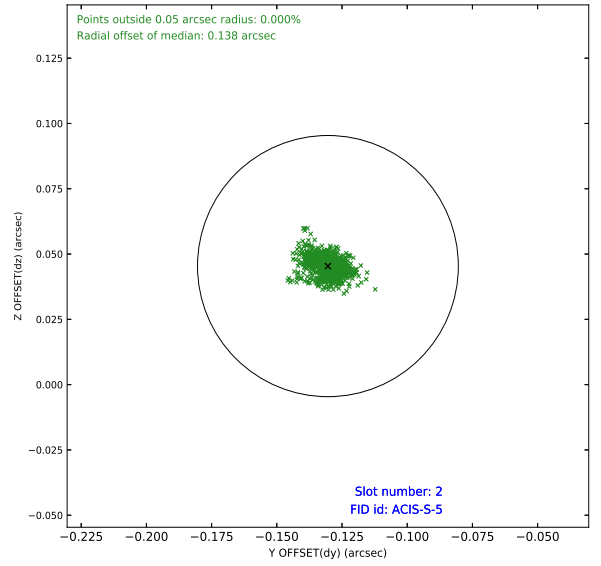
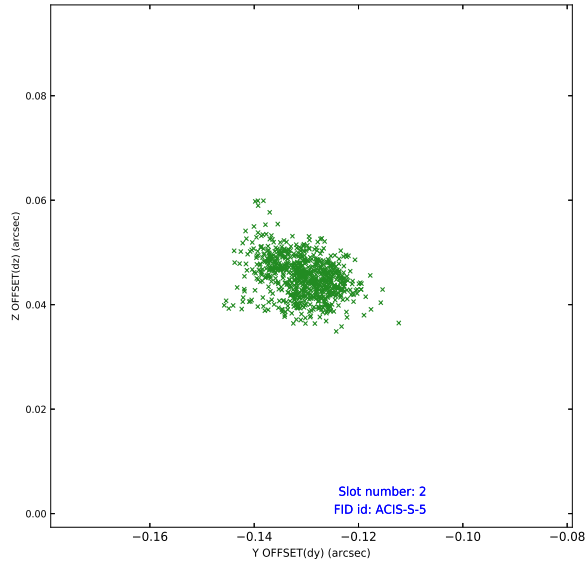
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	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	3.1852

A.2 Comments