

V&V Reference Report

L2 ASCDS Version : 10.9.1

Observation 5666 - L2 Version 4
Chandra X-Ray Center

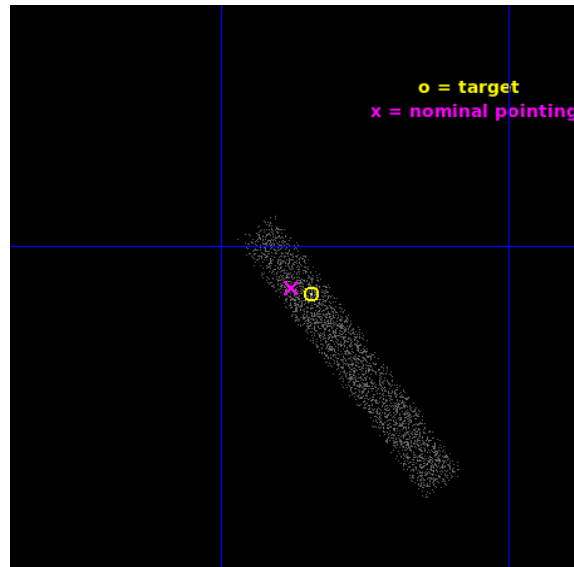
L2 Processing Date : Oct 5 2020

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1 Front

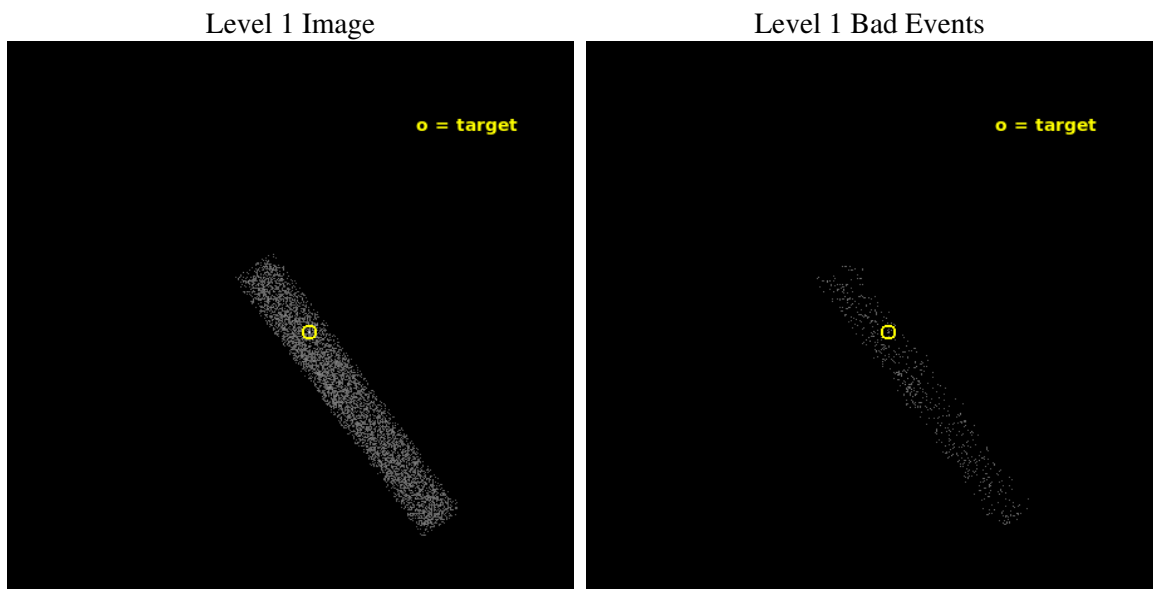
seq_num	701089	Sequence number
obs_id	5666	Observation id
title	X-ray Properties of AGNs with Intermediate-mass Black Holes	Propos
observer	Dr. Luis Ho	Principal investigator
object	SDSS J143450.62+033842.5	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	218.710833	Observer's specified target RA [deg]
dec_targ	3.645139	Observer's specified target Dec [deg]
ra_nom	218.71929487914	Nominal RA [deg]
dec_nom	3.6479590048526	Nominal Dec [deg]
roll_nom	54.866468331303	Nominal Roll [deg]
revision	4	Processing version of data
ontime	5122.0000762939	Sum of GTIs [s]
livetime	4645.3837078668	Livetime [s]
ontime7	5122.0000762939	Sum of GTIs [s]
l2events	3474	Number of level 2 events



2 OBI

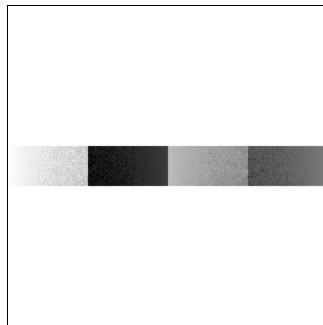
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	4939.798000	[s] Scheduled observation exposure time
ascdsver	10.9.1	Processing system revision	ontime	5122.0000762939	Sum of GTIs [s]
caldsver	4.9.2	 	ontime7	5122.0000762939	Sum of GTIs [s]
date	2020-10-05T12:53:04	Date and time of file creation	l1events	9118	Number of level 1 events
revision	4	Processing version of data			

2.1.4 Events

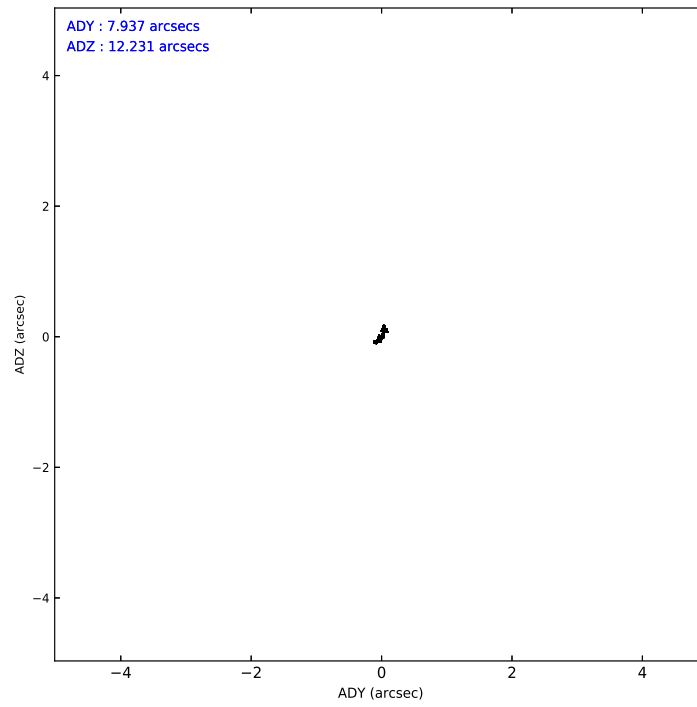
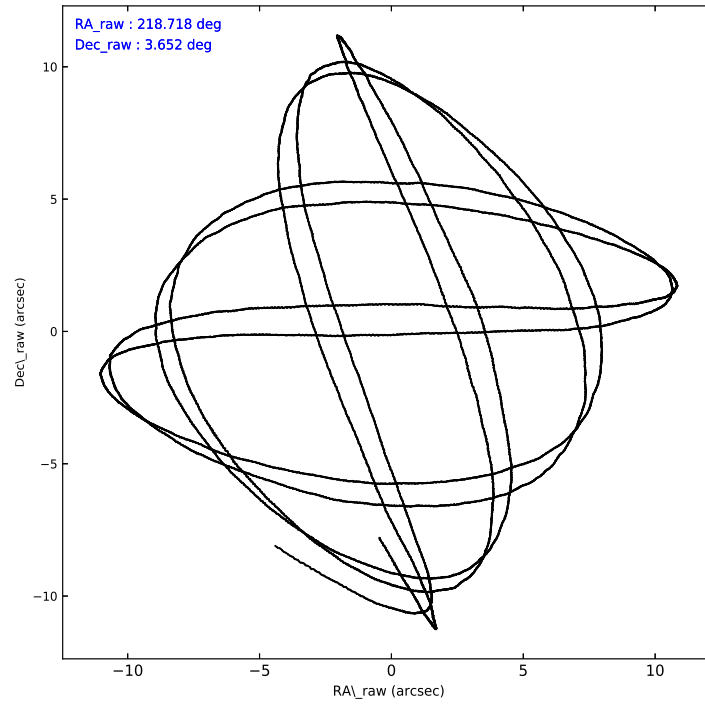
	ccd 7
level 1 events	9118
rejected events	5454
rejected %	59%

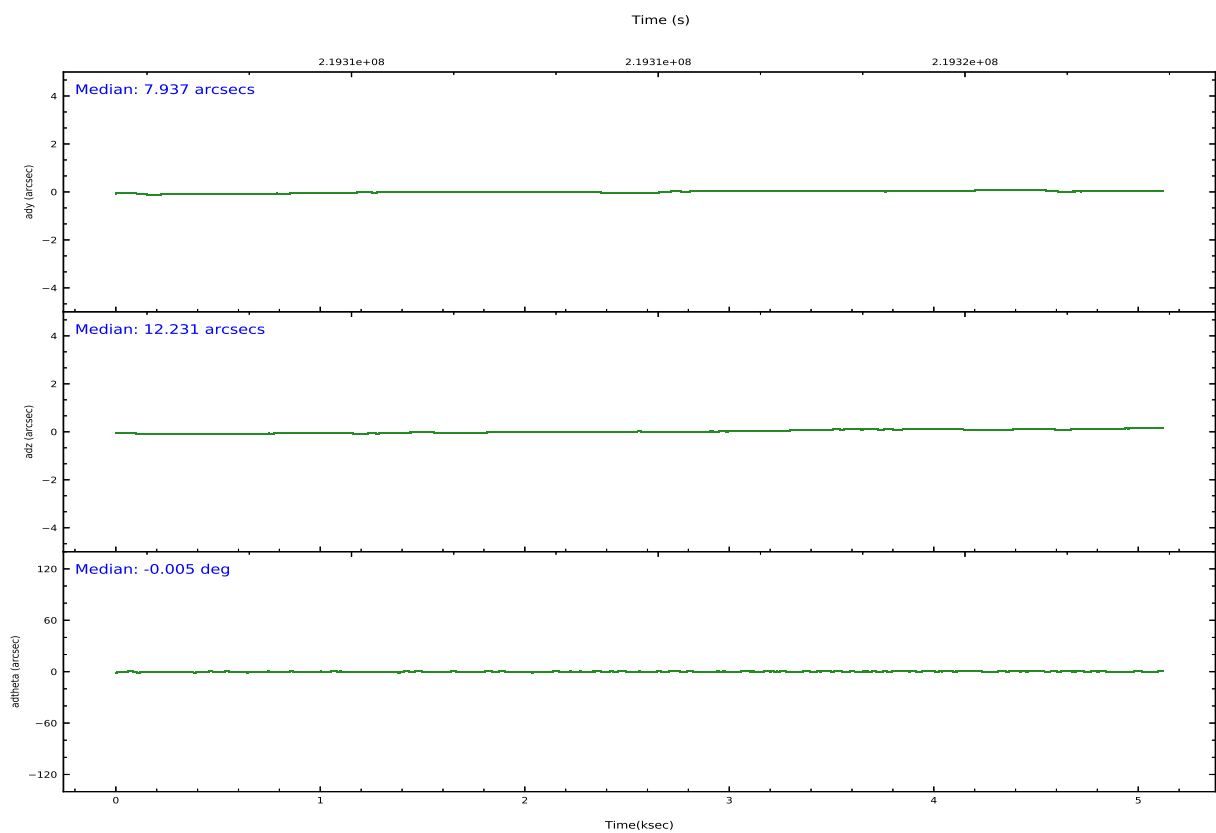
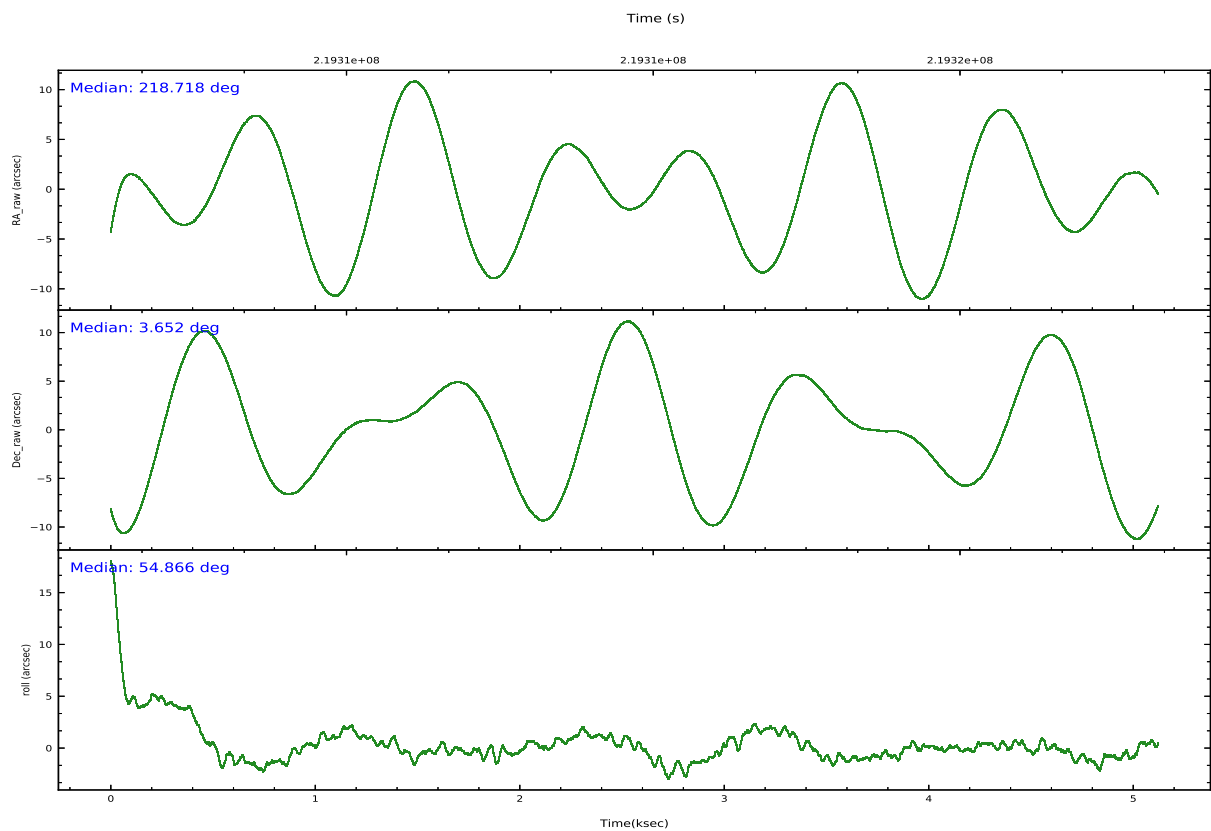
	ccd 7
grade 0 events	630
	6%
grade 1 events	10
	0%
grade 2 events	900
	9%
grade 3 events	569
	6%
grade 4 events	595
	6%
grade 5 events	820
	8%
grade 6 events	1884
	20%
grade 7 events	3710
	40%

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	218.715640	218.71929487914	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	3.624800	3.6479590048526	Subarray start row	449	449
[deg] Pointing Roll	54.711702	54.866468331303	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	-190.145094680475			
[mm] SIM translation stage offset	0	0.01257209746719923			
[s] Observation start time (MET)	219312029.184000	219310419.90179			
Observation start date	2004-12-13T07:59:25	2004-12-13T07:33:39			
[s] Observation end time (MET)	219316969.184000	219317199.25209			
Observation end date	2004-12-13T09:21:45	2004-12-13T09:26:39			
Read mode	TIMED	TIMED			

2.3 Aspect



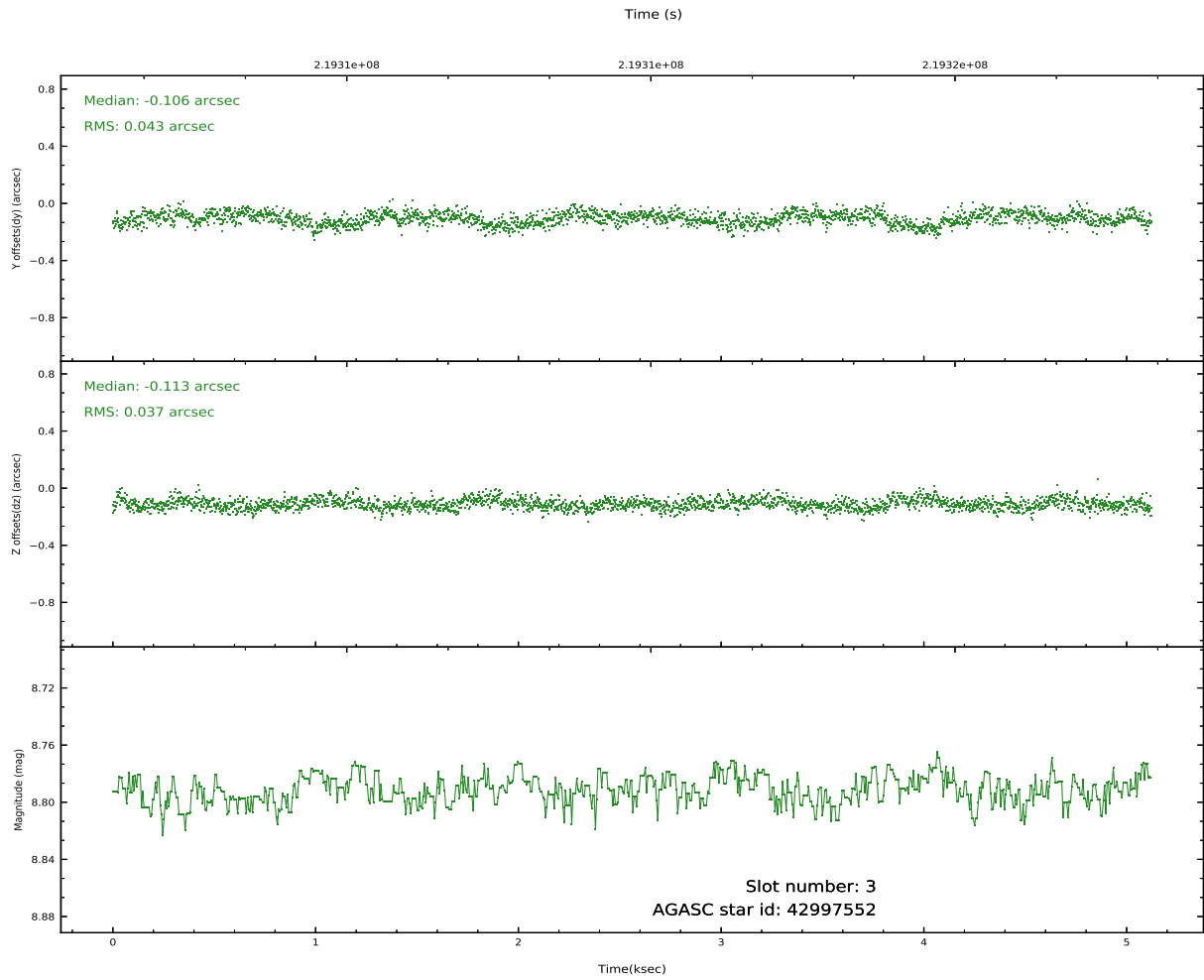
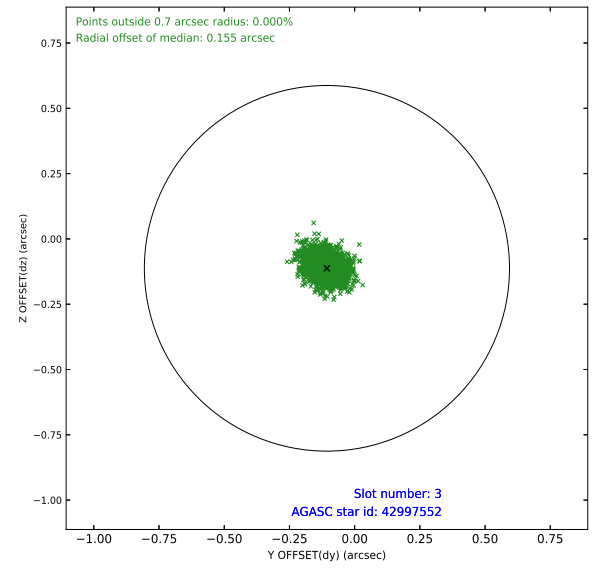
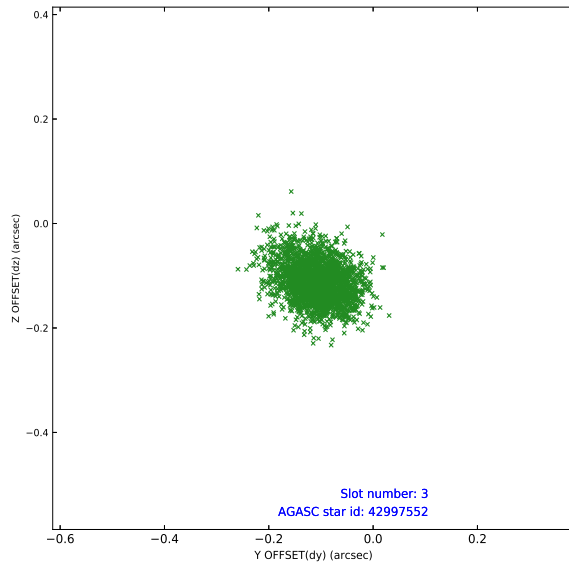


Slot Statistics

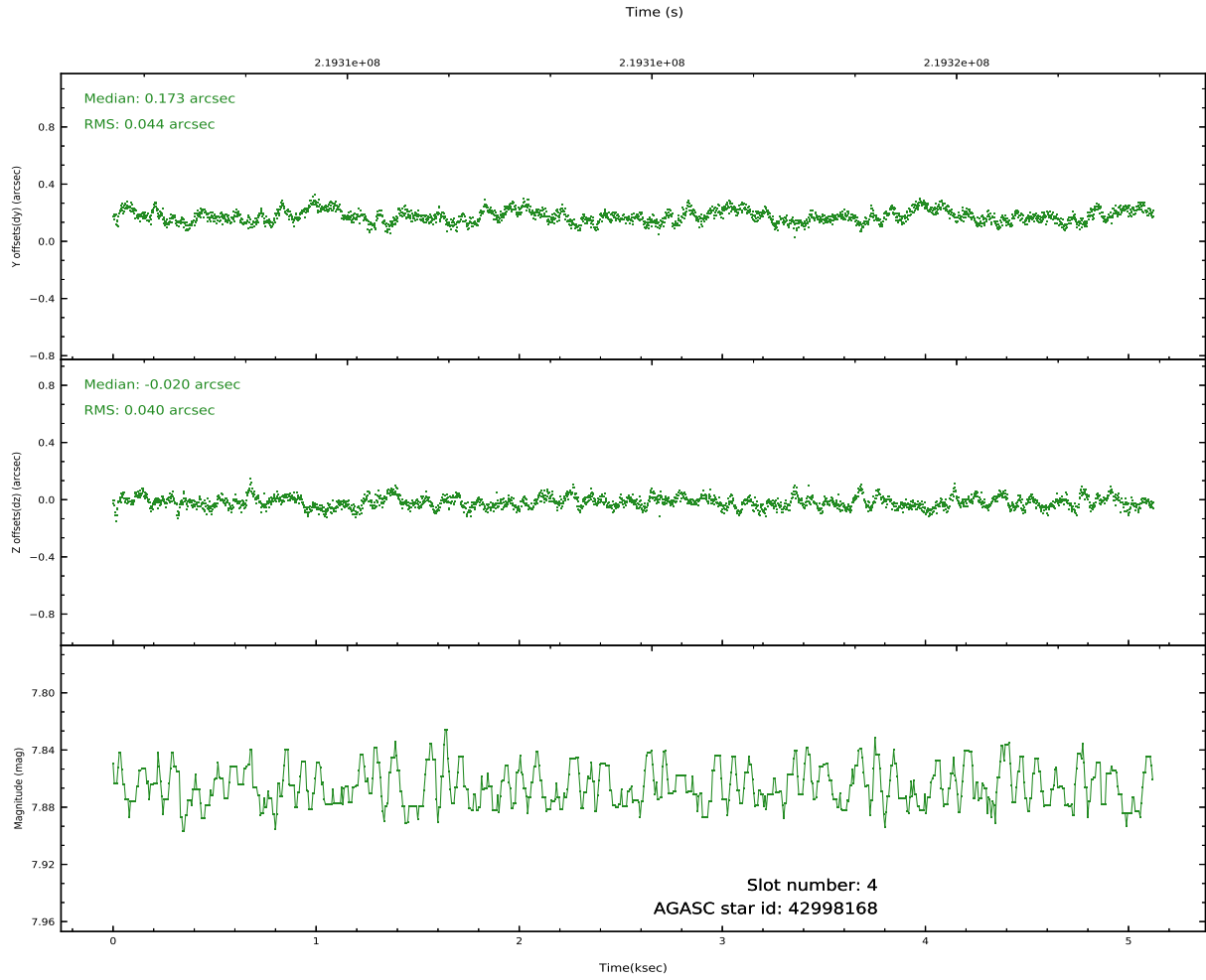
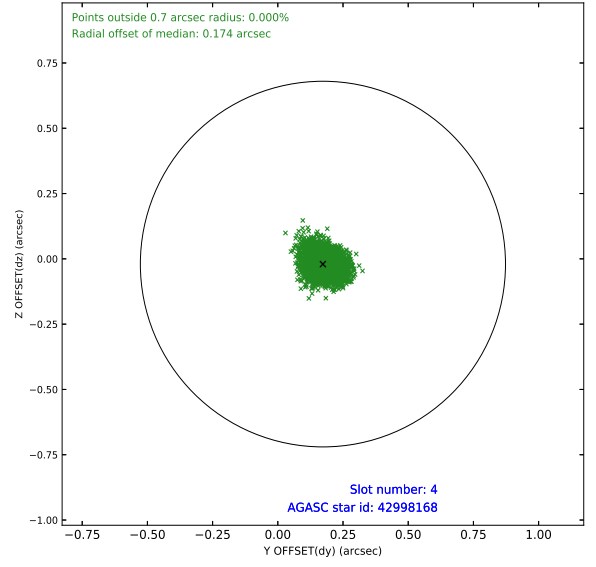
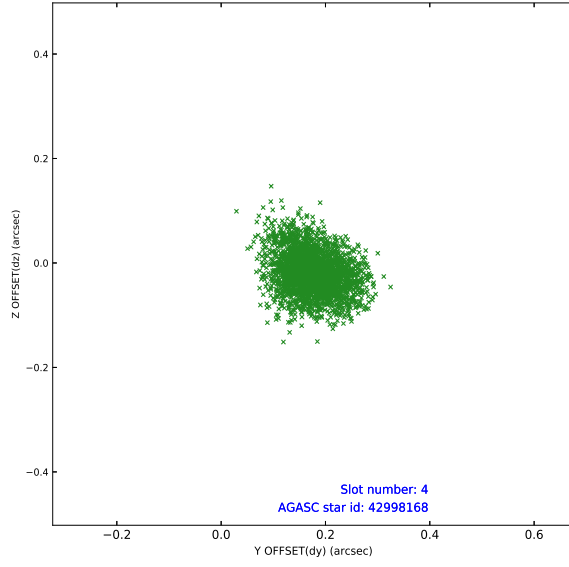
pt	status	used	id	mag	n_pts	frac_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mea
0	FID		ACIS-S-2	7.10	1250	1.000	-0.035	-0.056	0.007	0.012	0.000000	0.000000	-760.72	-1733
1	FID		ACIS-S-4	7.20	1250	1.000	0.126	0.032	0.006	0.010	0.000000	0.000000	2152.15	173
2	FID		ACIS-S-5	7.23	1248	1.000	-0.122	0.033	0.007	0.012	0.000000	0.000000	-1812.15	168
3	GUIDE	used	42997552	8.79	2499	1.000	-0.106	-0.113	0.059	0.099	218.755493	4.269191	1976.40	1223
4	GUIDE	used	42998168	7.87	2499	1.000	0.173	-0.020	0.064	0.103	218.900058	3.467589	-77.91	-866
5	GUIDE	used	43005936	7.58	2500	1.000	0.091	-0.089	0.050	0.081	218.240457	3.659419	-883.76	1465
6	GUIDE	used	42992696	8.40	2500	1.000	0.081	-0.148	0.069	0.113	217.807530	3.501863	-2245.39	2409
7	GUIDE	used	42998344	7.15	2499	1.000	-0.246	0.367	0.047	0.078	219.477806	3.522009	1280.52	-2446

2.4 Star Slots

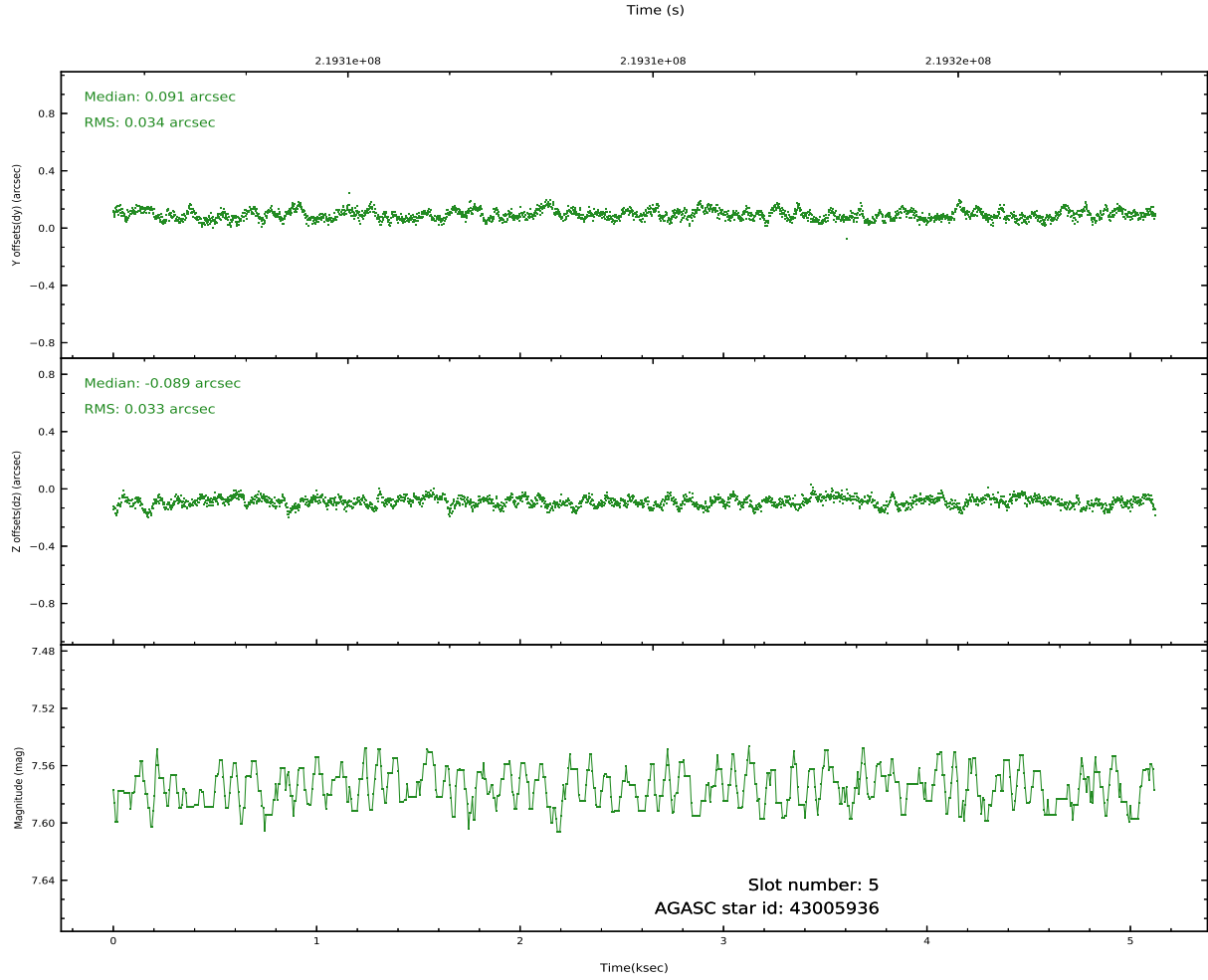
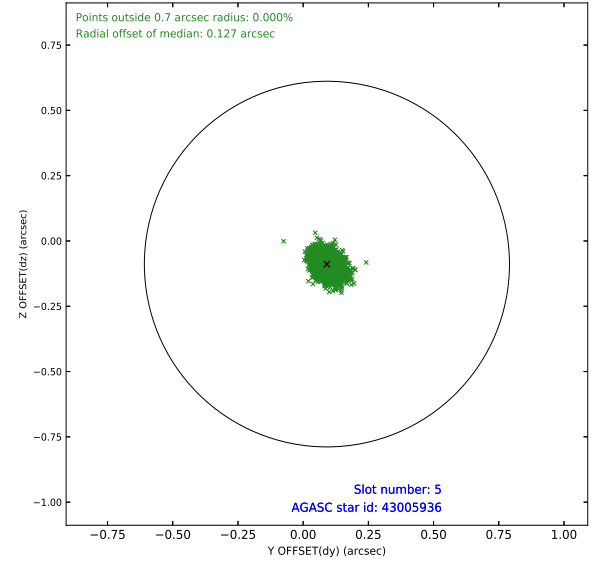
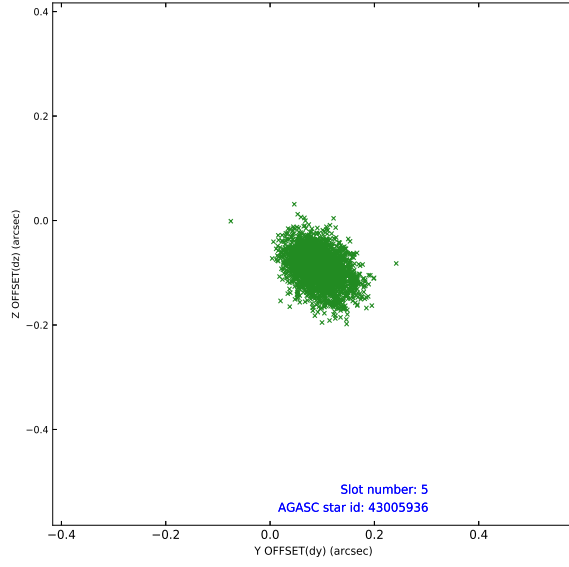
2.4.1 Slot 3



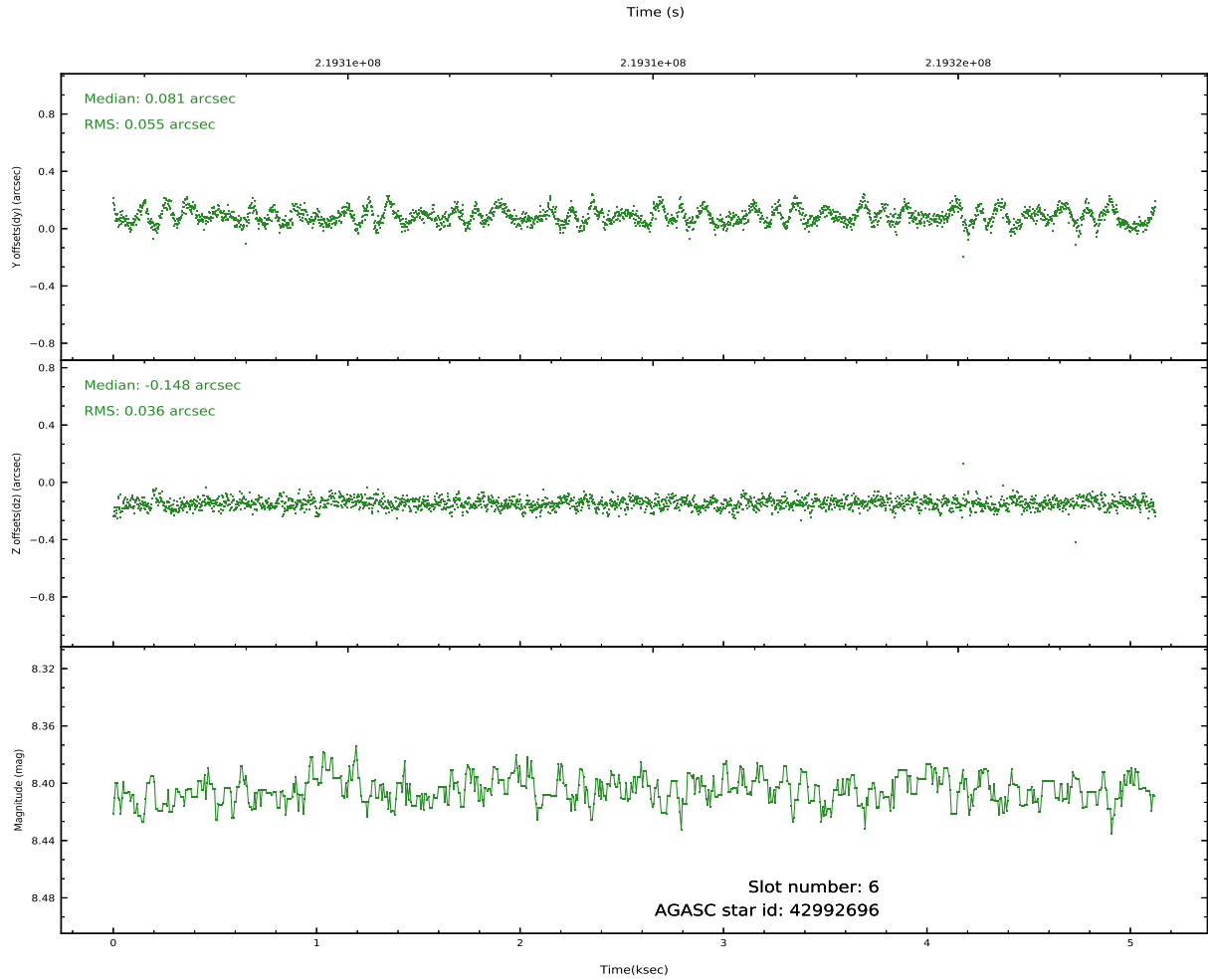
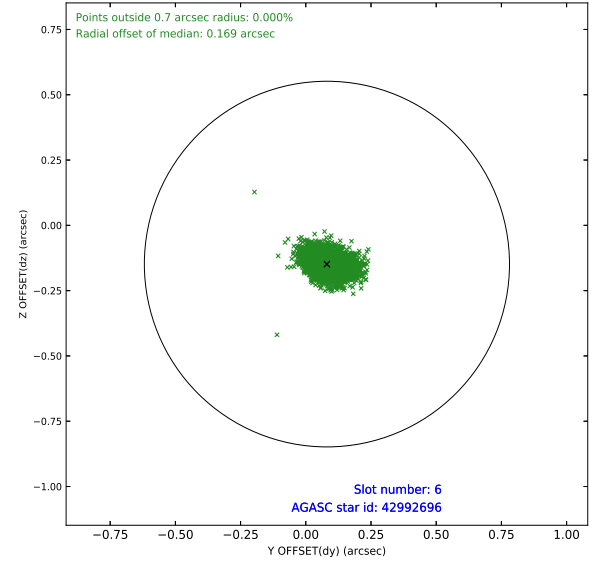
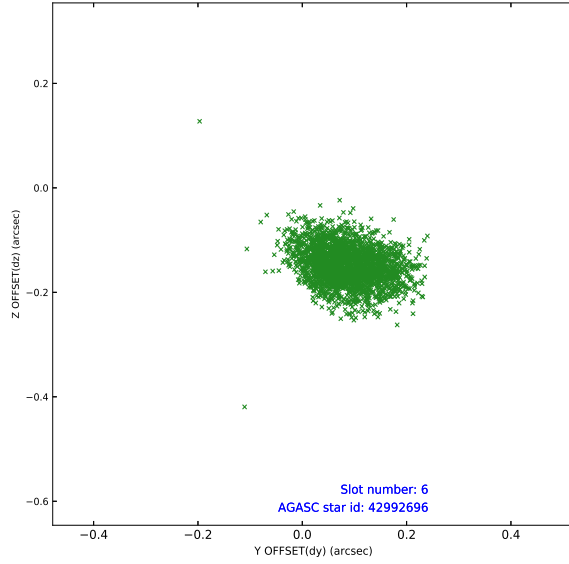
2.4.2 Slot 4



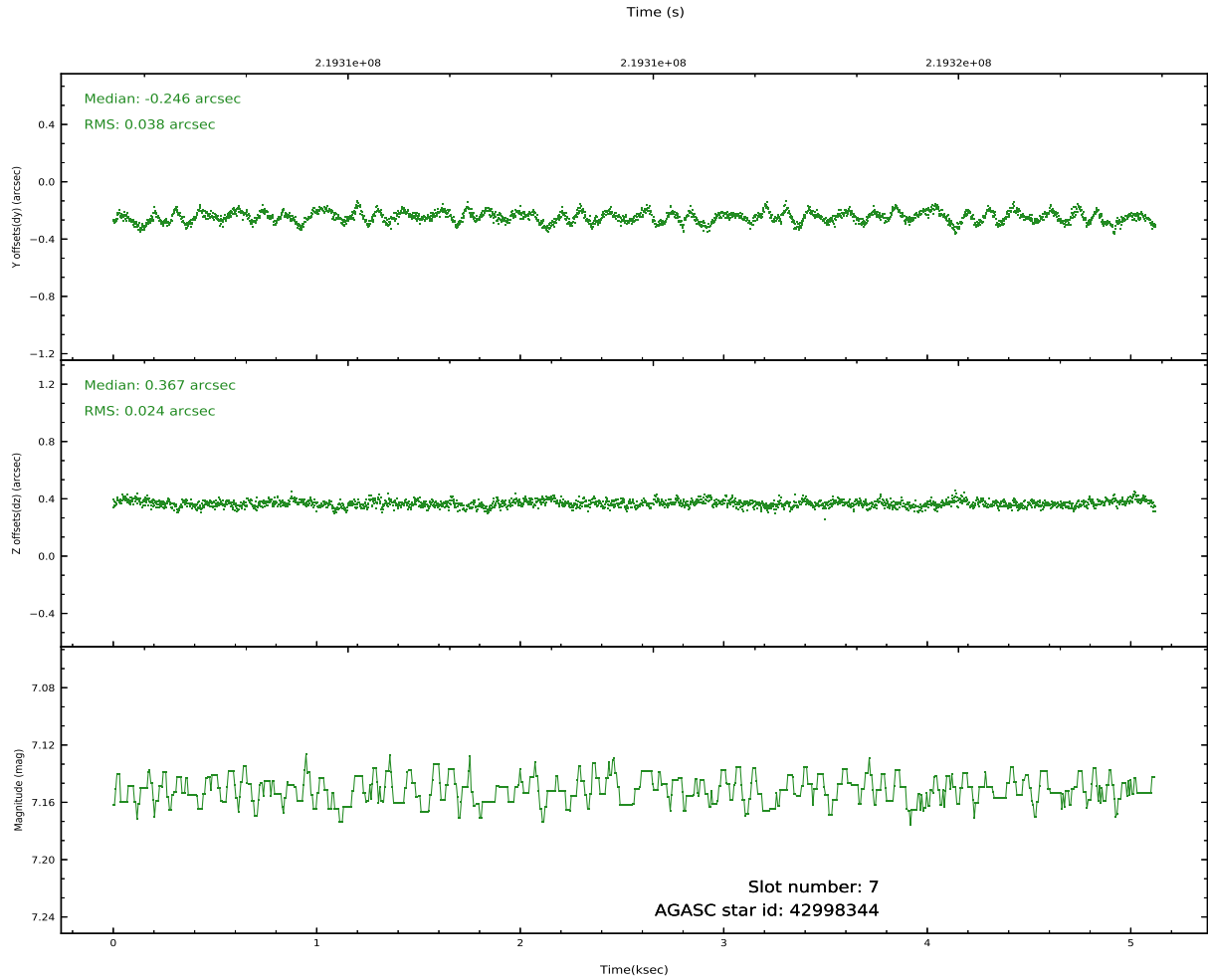
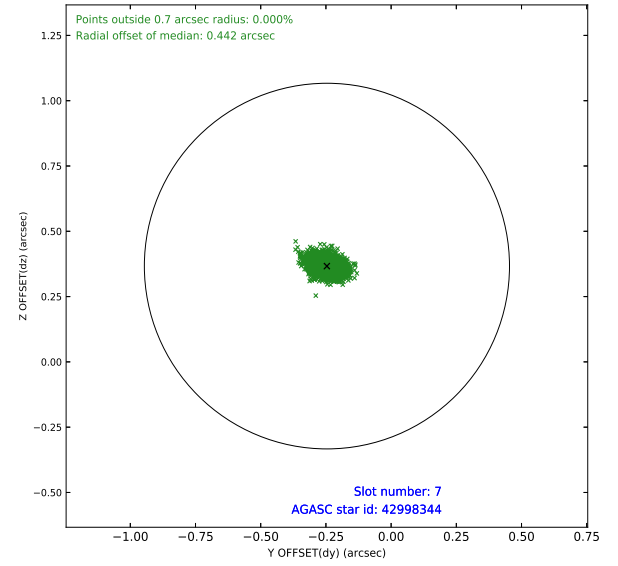
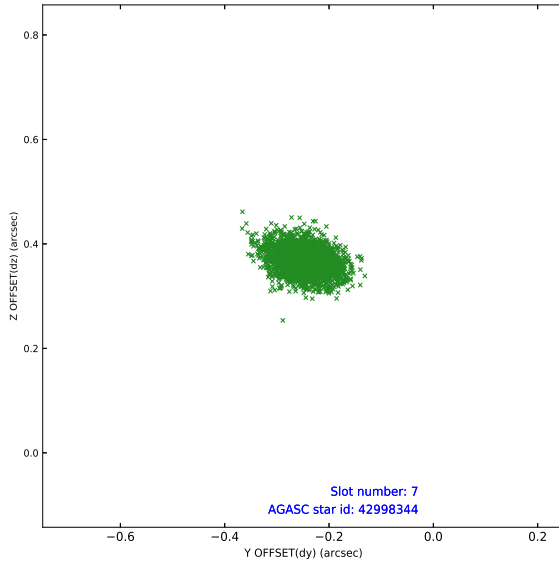
2.4.3 Slot 5



2.4.4 Slot 6

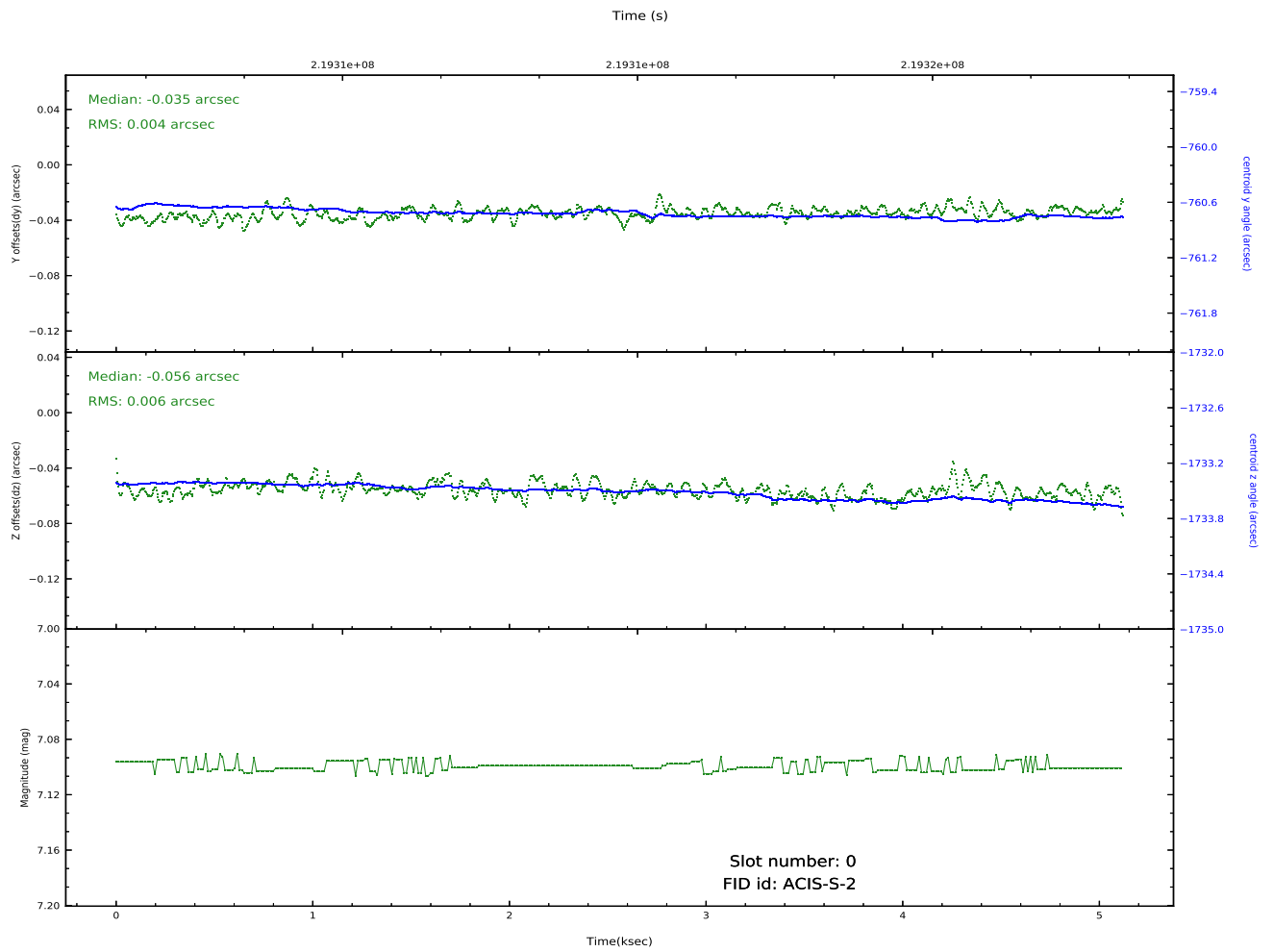
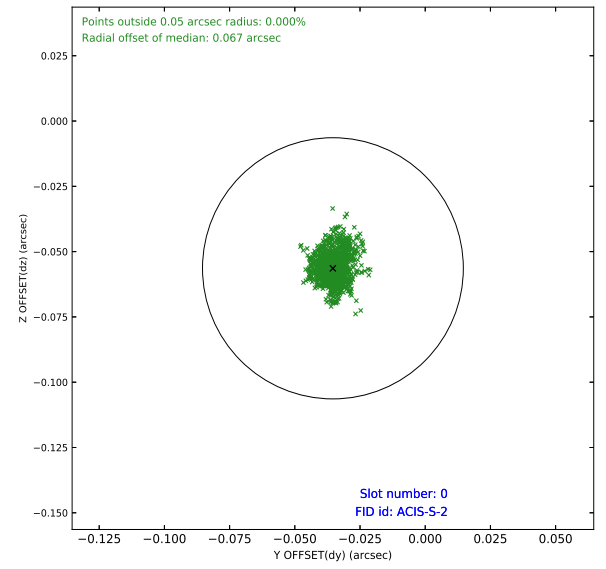
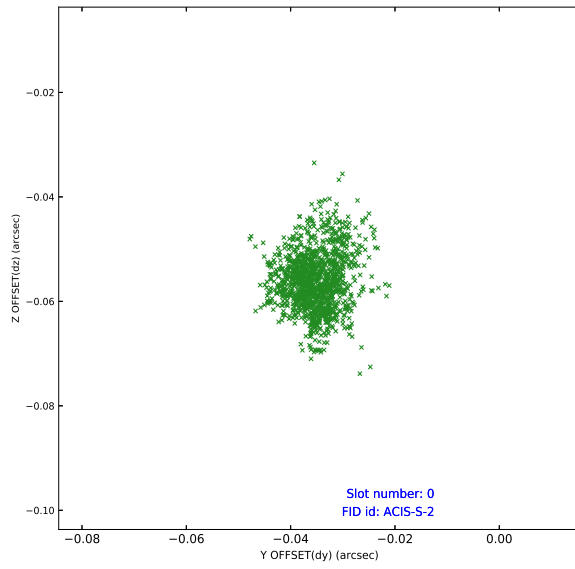


2.4.5 Slot 7

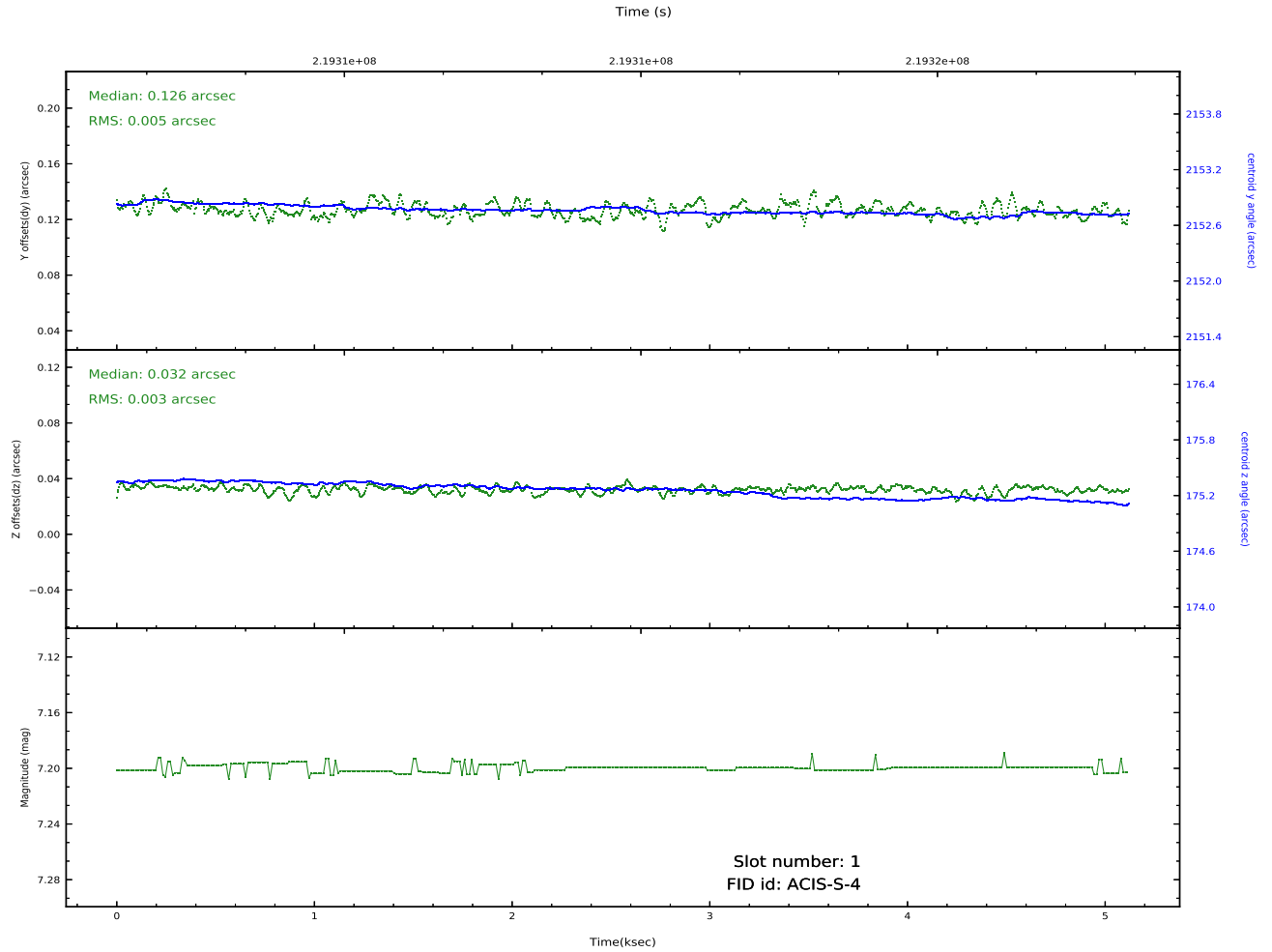
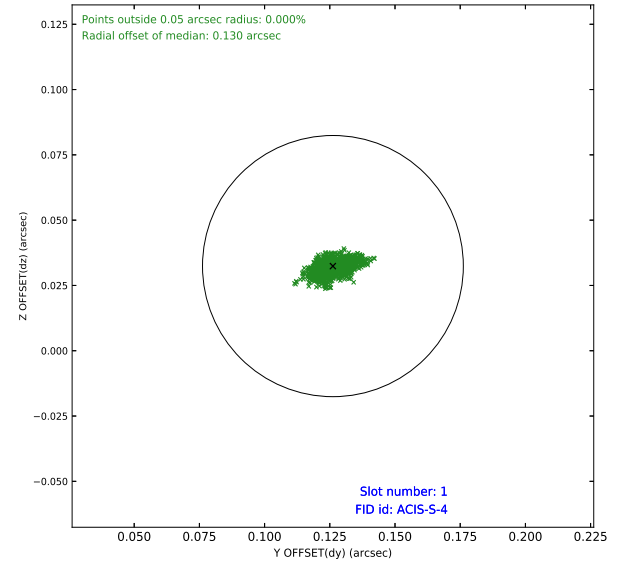
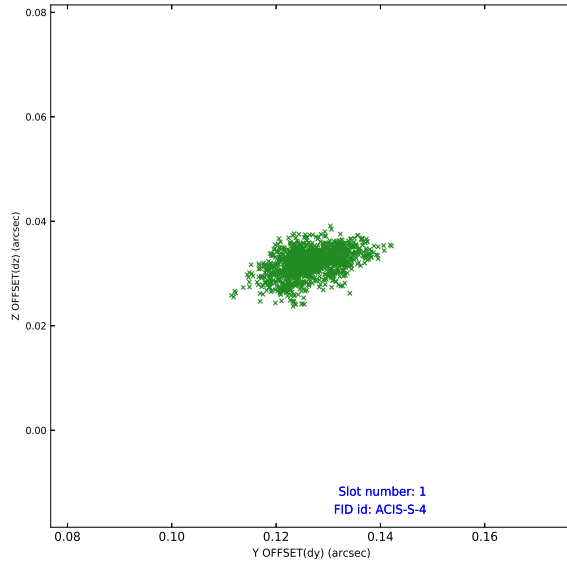


2.5 FID Slots

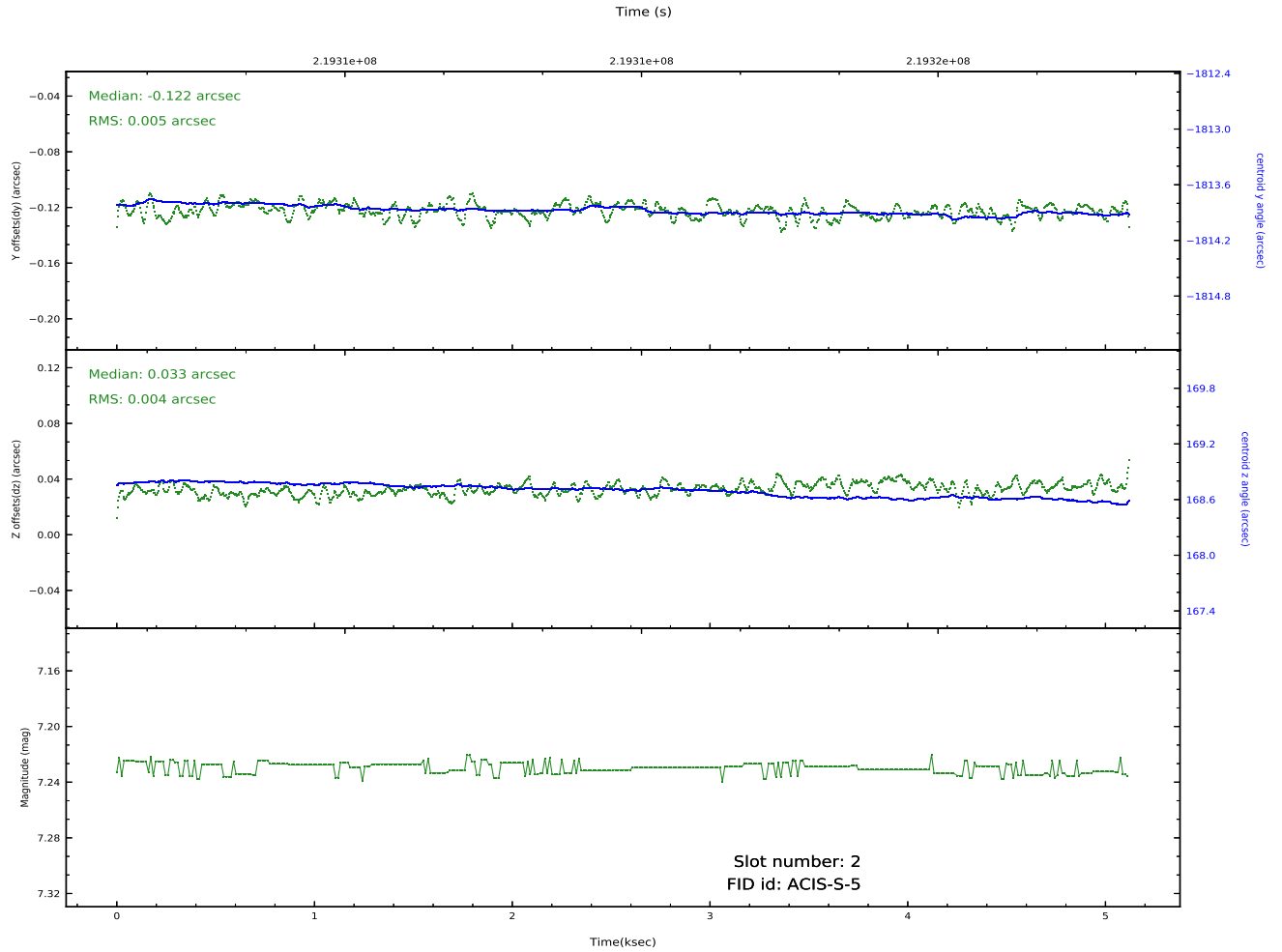
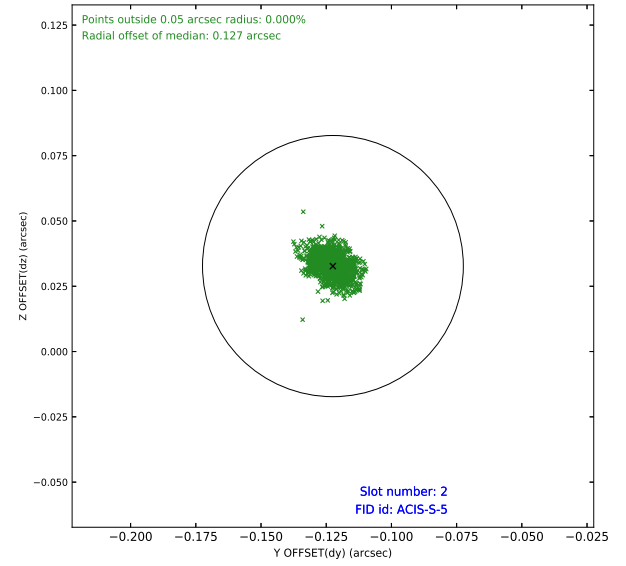
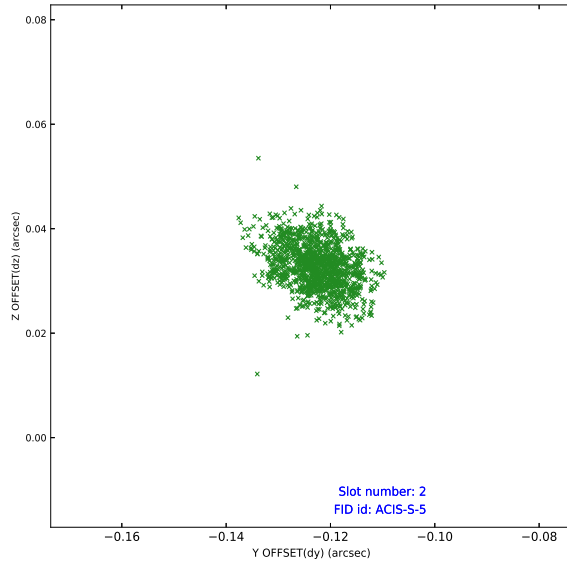
2.5.1 Slot 0



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)	2020.10.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.122

A.2 Comments