

V&V Reference Report

L2 ASCDS Version : 10.9.1

Observation 4893 - L2 Version 4
Chandra X-Ray Center

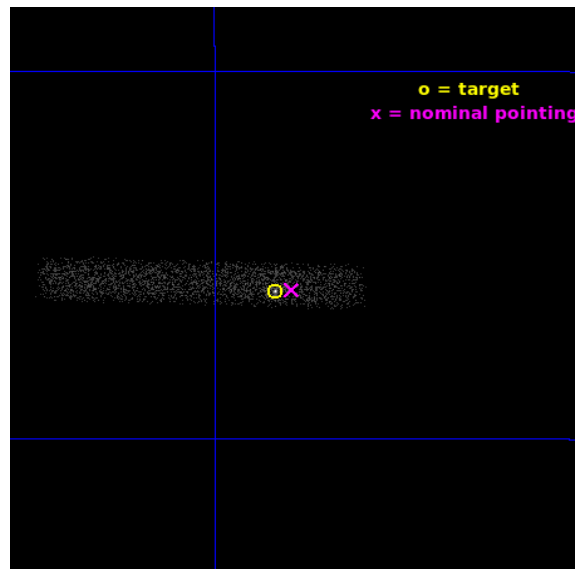
L2 Processing Date : Sep 26 2020

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1 Front

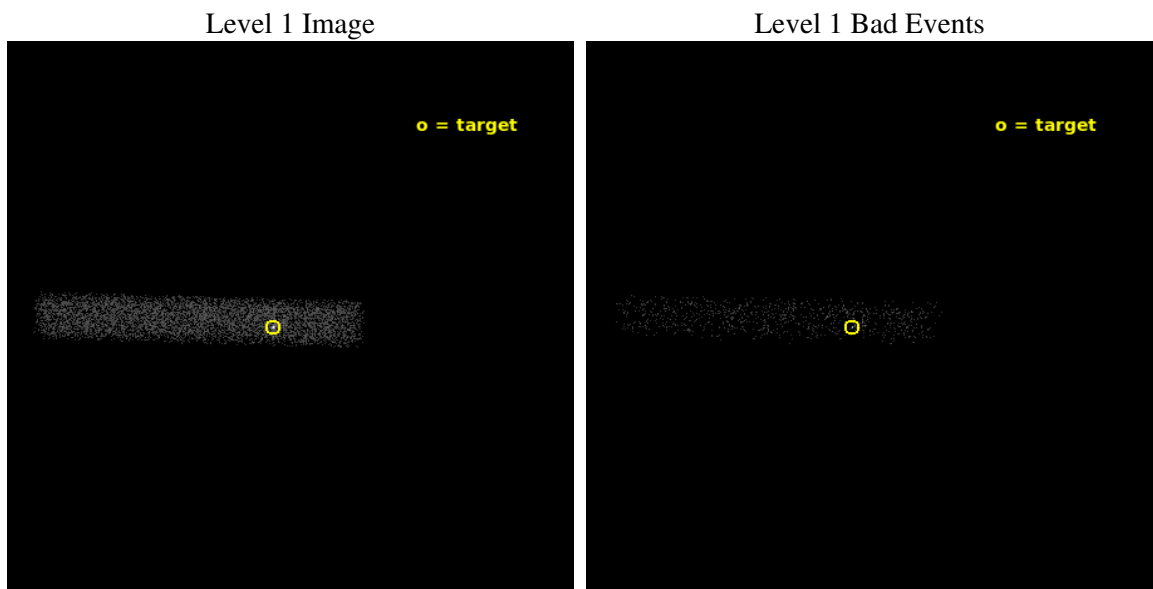
seq_num	700975	Sequence number
obs_id	4893	Observation id
title	Continuing a Flux-limited Survey for X-ray Emission from Radio Jets	
observer	Herman Marshall	Principal investigator
object	QSO B0454-463	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	73.961667	Observer's specified target RA [deg]
dec_targ	-46.266306	Observer's specified target Dec [deg]
ra_nom	73.951022269221	Nominal RA [deg]
dec_nom	-46.265713577569	Nominal Dec [deg]
roll_nom	181.67659586623	Nominal Roll [deg]
revision	4	Processing version of data
ontime	6368.0000948608	Sum of GTIs [s]
livetime	5775.4399554333	Livetime [s]
ontime7	6368.0000948608	Sum of GTIs [s]
l2events	5813	Number of level 2 events



2 OBI

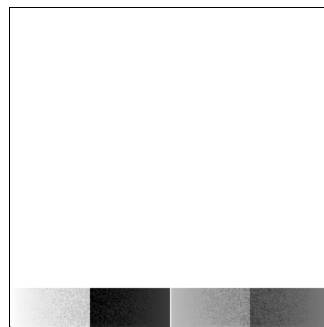
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	6195.744000	[s] Scheduled observation exposure time
ascdsver	10.9.1	Processing system revision	ontime	6368.0000948608	Sum of GTIs [s]
caldsver	4.9.2	 	ontime7	6368.0000948608	Sum of GTIs [s]
date	2020-09-26T10:24:44	Date and time of file creation	l1events	12080	Number of level 1 events
revision	4	Processing version of data			

2.1.4 Events

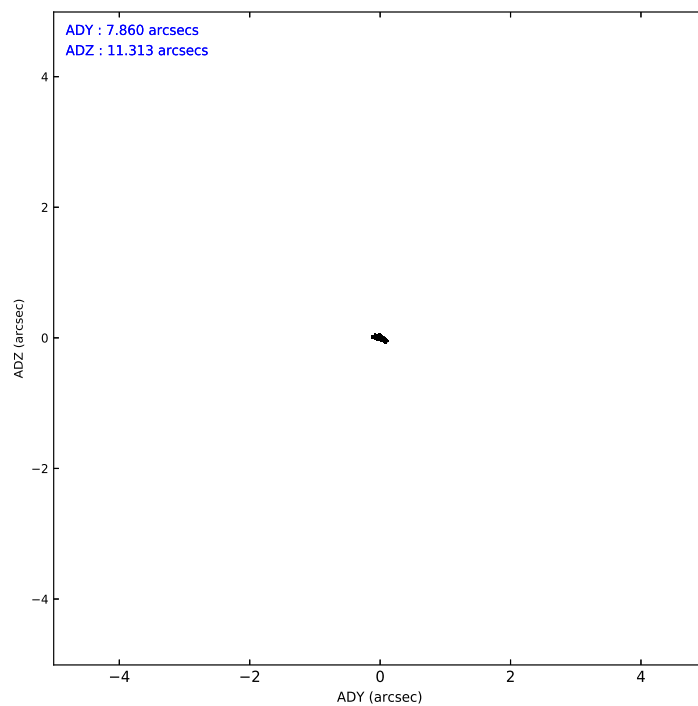
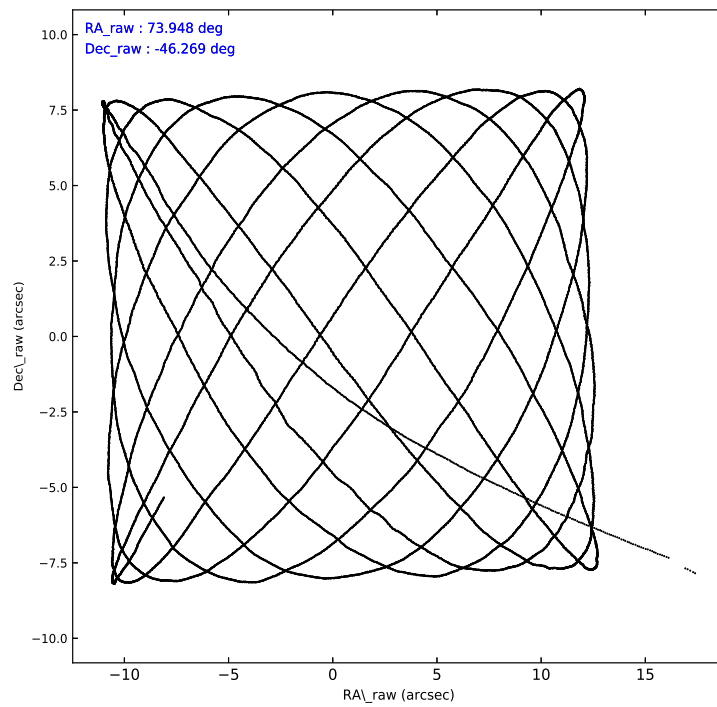
	ccd 7
level 1 events	12080
rejected events	5843
rejected %	48%

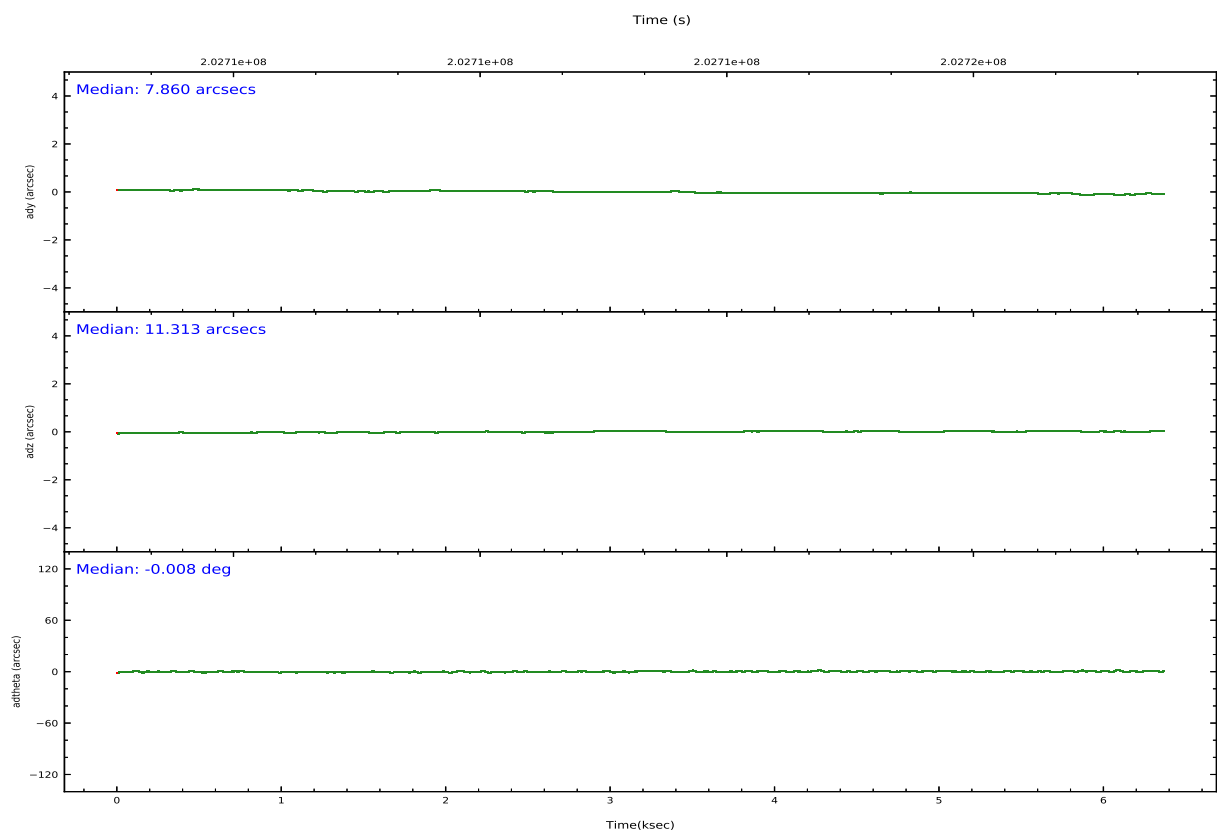
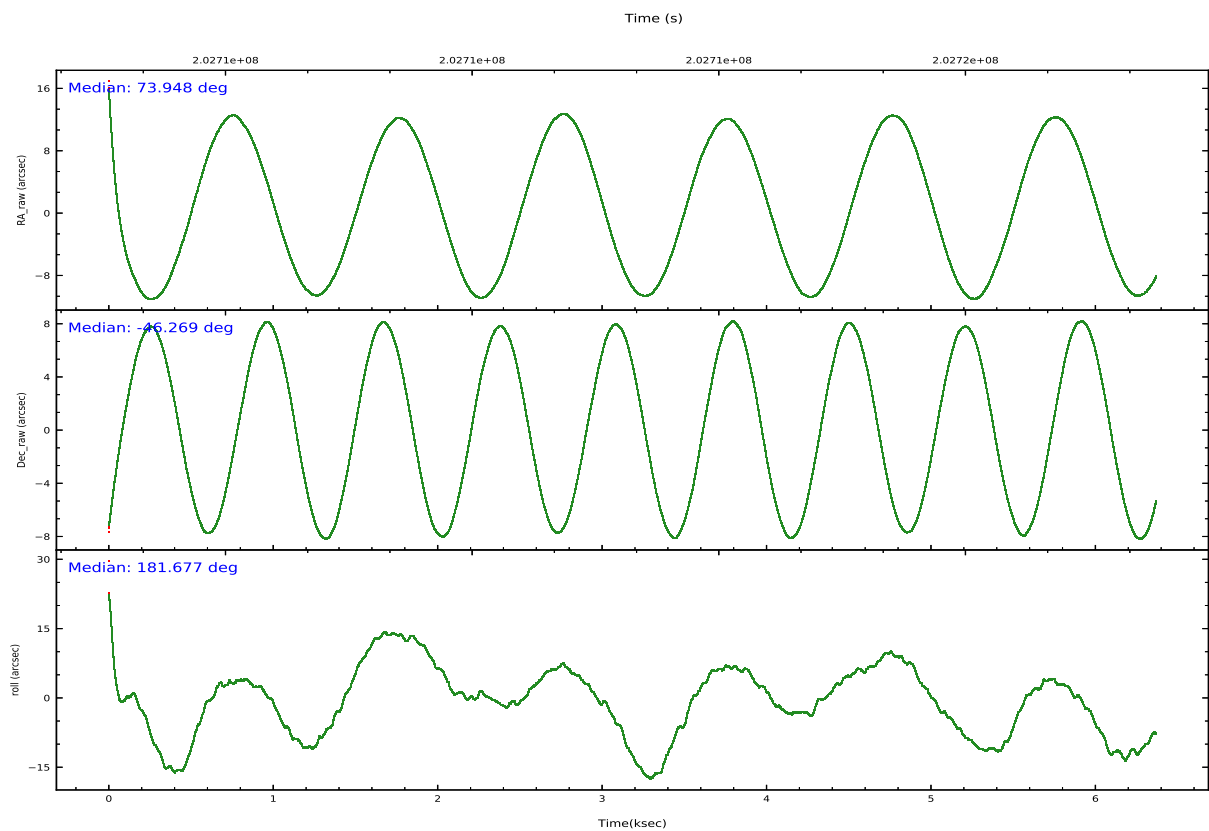
	ccd 7
grade 0 events	1093
	9%
grade 1 events	16
	0%
grade 2 events	1439
	11%
grade 3 events	847
	7%
grade 4 events	773
	6%
grade 5 events	883
	7%
grade 6 events	2629
	21%
grade 7 events	4400
	36%

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	73.981225	73.951022269221	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	-46.254444	-46.265713577569	Subarray start row	1	1
[deg] Pointing Roll	181.540117	181.67659586623	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	-178.632523	-178.6370735452349			
[mm] SIM translation stage offset	-11.5	-11.49544903777291			
[s] Observation start time (MET)	202710463.184000	202709432.03634			
Observation start date	2004-06-04T04:26:39	2004-06-04T04:10:32			
[s] Observation end time (MET)	202716659.184000	202717566.4367			
Observation end date	2004-06-04T06:09:55	2004-06-04T06:26:06			
Read mode	TIMED	TIMED			

2.3 Aspect



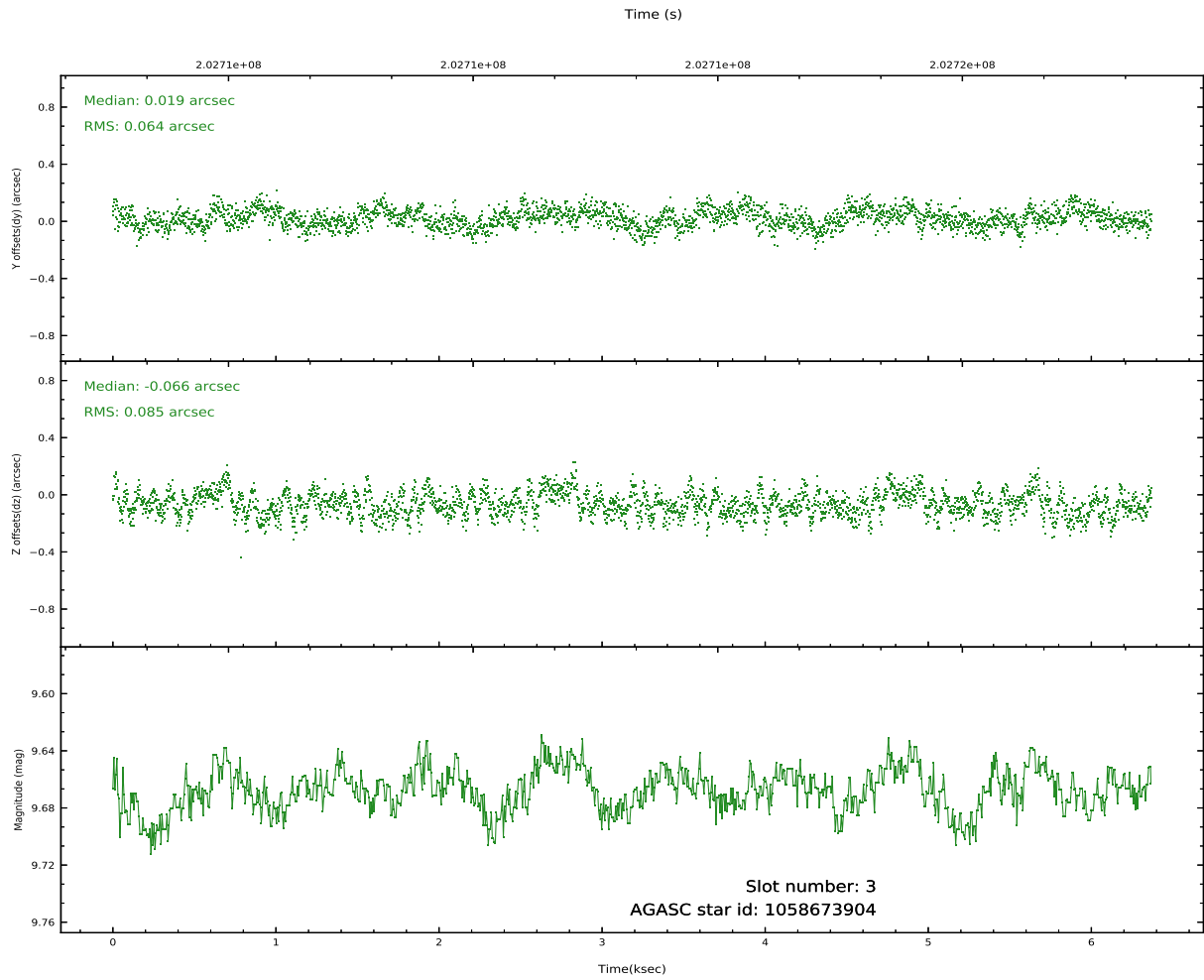
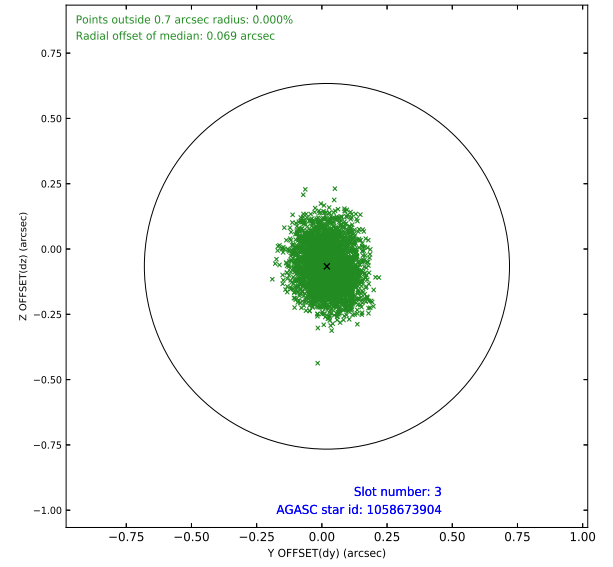
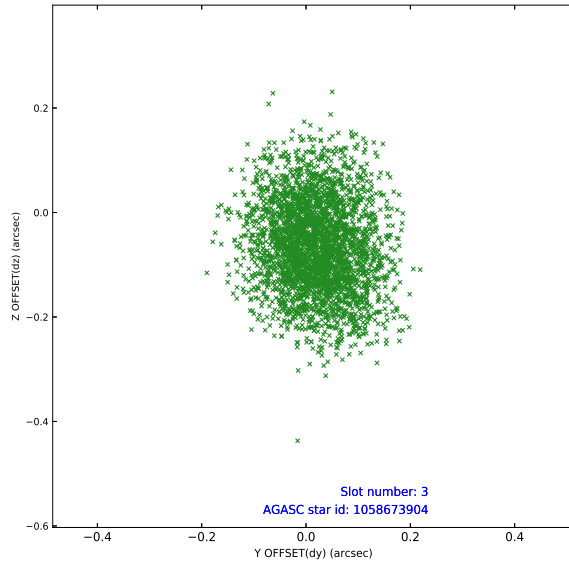


Slot Statistics

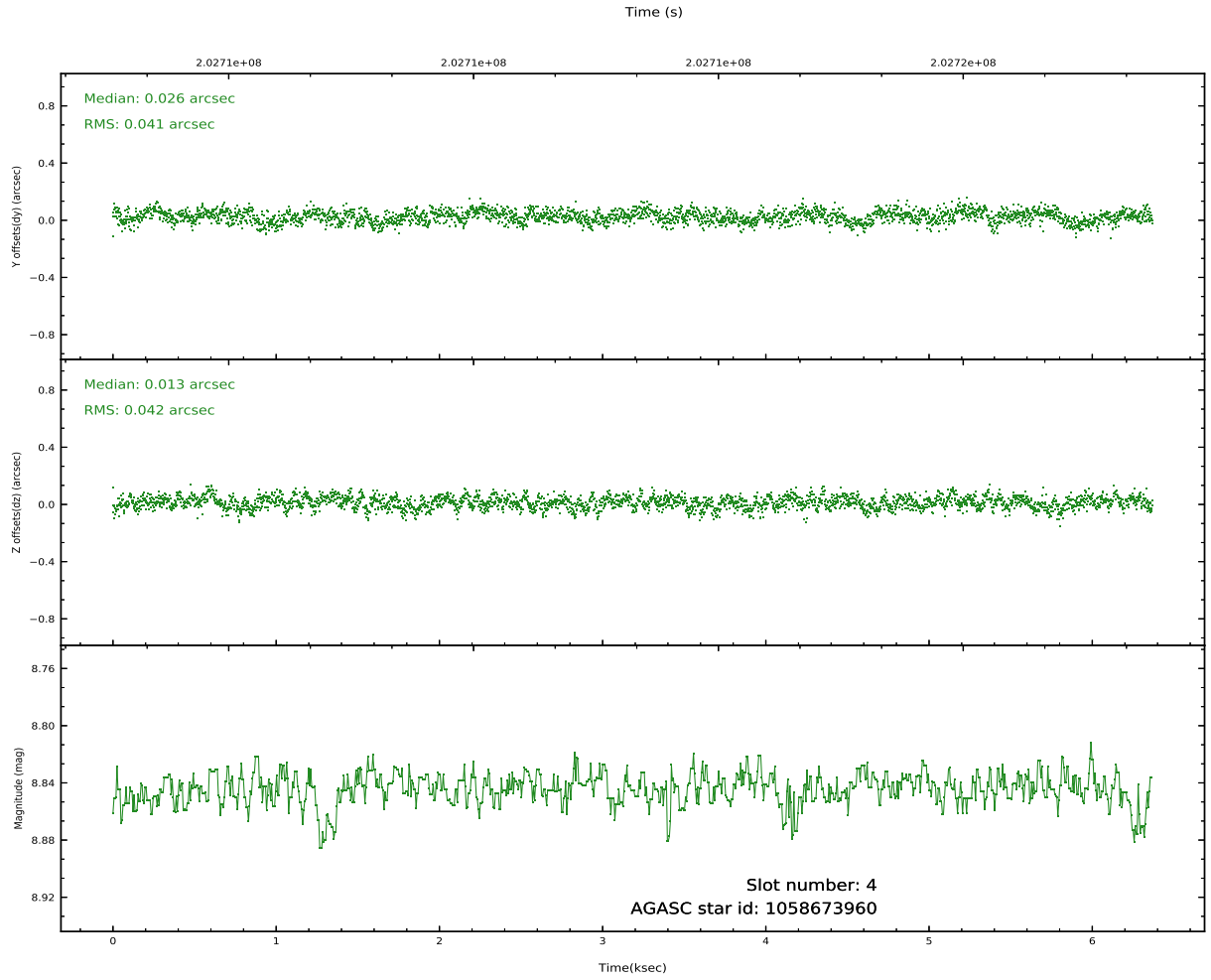
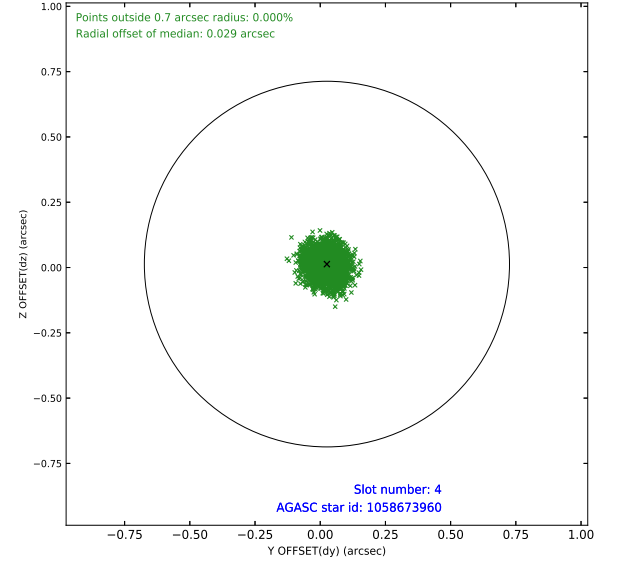
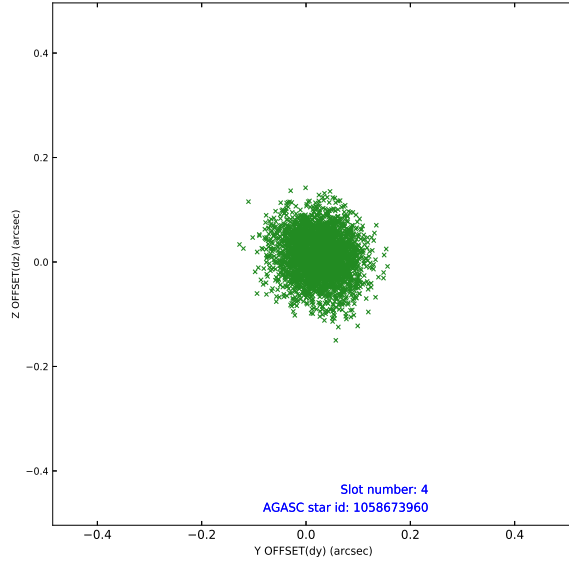
pt	status	used	id	mag	n_pts	frac_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mea
0	FID		ACIS-S-1	7.18	1554	1.000	0.021	0.213	0.007	0.012	0.000000	0.000000	936.39	-1964
1	FID		ACIS-S-2	7.08	1554	1.000	-0.168	-0.199	0.006	0.010	0.000000	0.000000	-759.19	-1970
2	FID		ACIS-S-6	7.42	1554	1.000	0.127	-0.011	0.006	0.012	0.000000	0.000000	401.60	575
3	GUIDE	used	1058673904	9.67	3106	1.000	0.019	-0.066	0.115	0.184	74.386320	-45.766237	-1063.87	-1726
4	GUIDE	used	1058673960	8.84	3107	1.000	0.026	0.013	0.063	0.104	74.061999	-46.449909	-181.85	708
5	GUIDE	used	1058675616	7.50	3108	1.000	-0.104	0.015	0.052	0.081	74.181408	-46.534858	-468.79	1023
6	GUIDE	used	1058676152	9.63	3105	1.000	0.107	0.014	0.096	0.158	73.691951	-46.367095	729.07	387
7	GUIDE	used	1058681848	9.85	3103	1.000	-0.046	0.027	0.106	0.179	74.898802	-45.695942	-2359.91	-1934

2.4 Star Slots

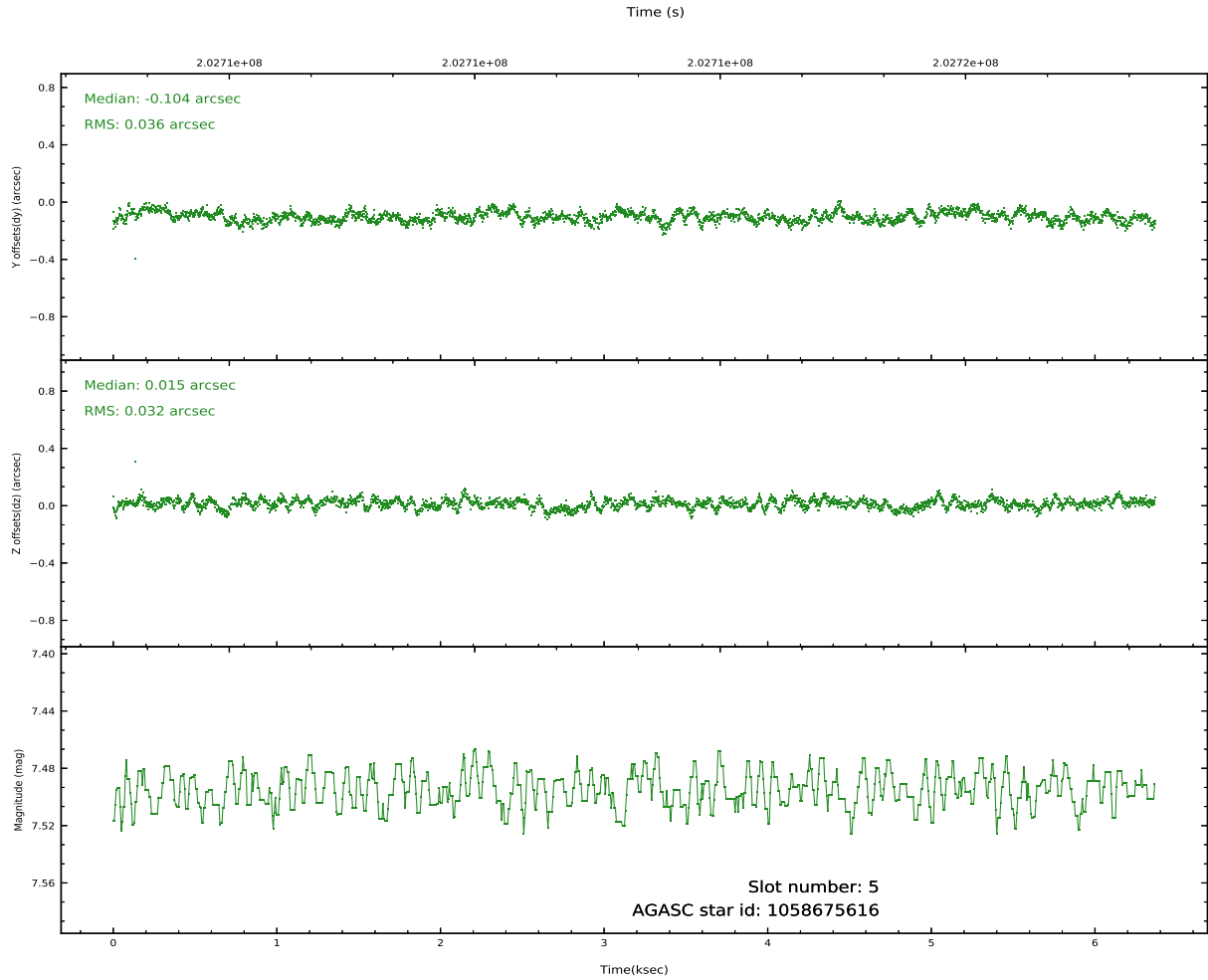
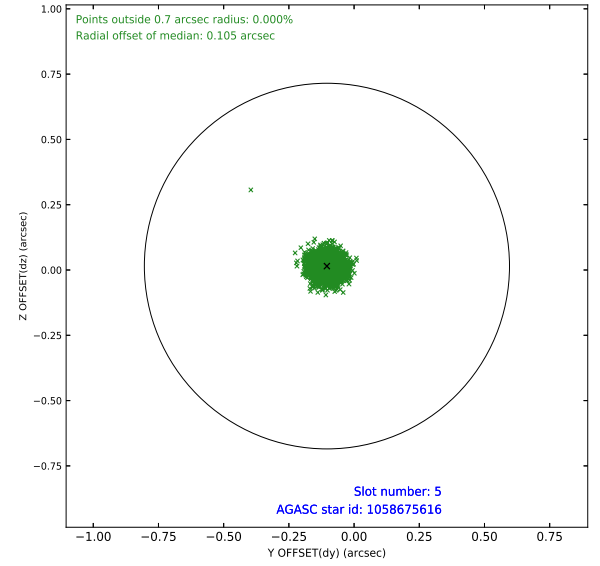
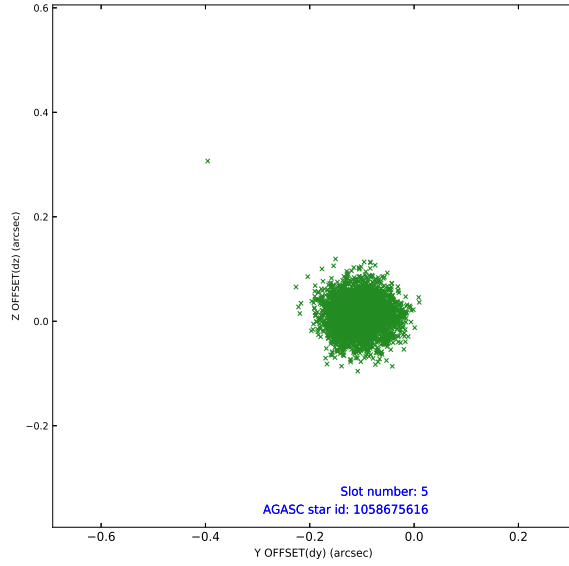
2.4.1 Slot 3



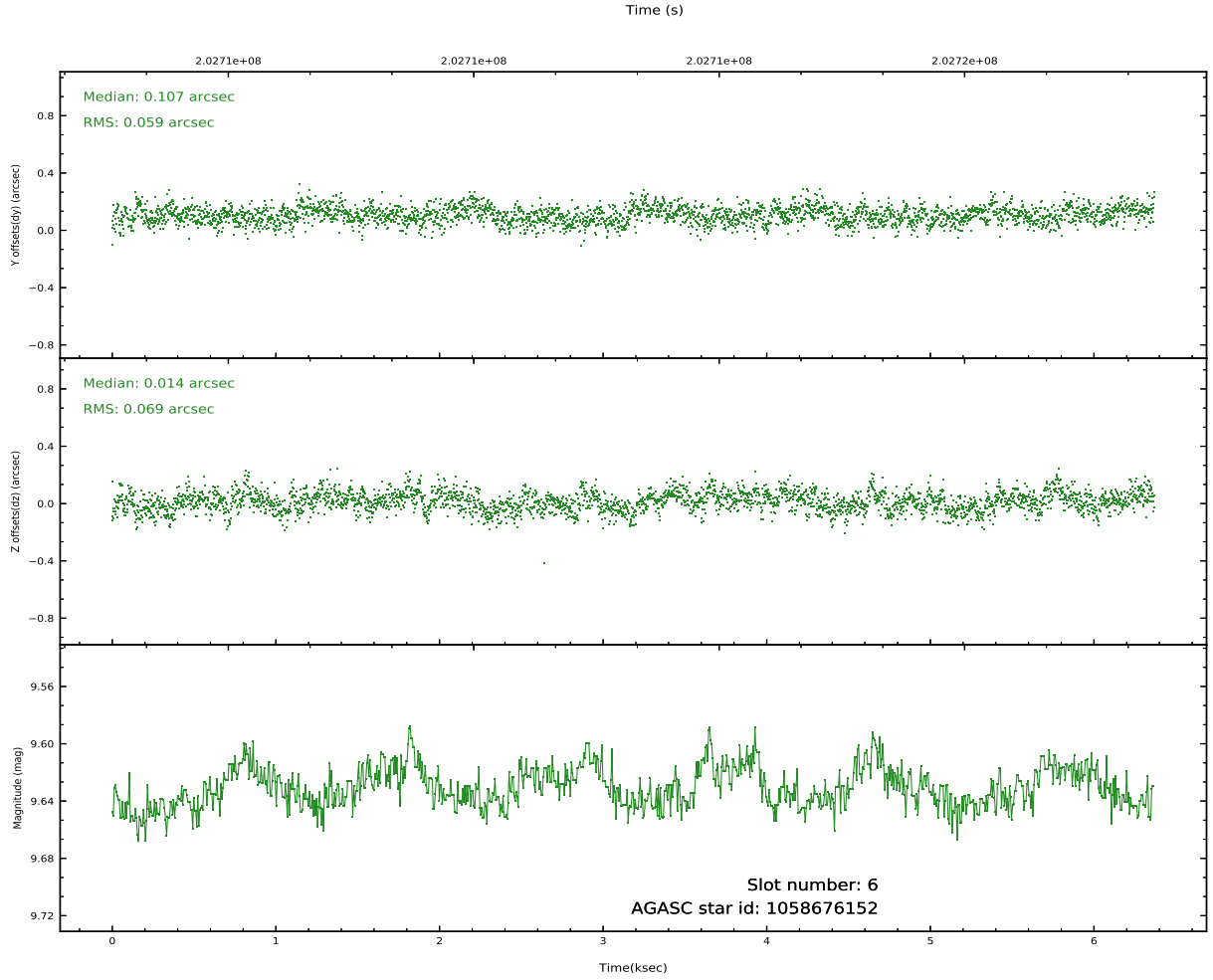
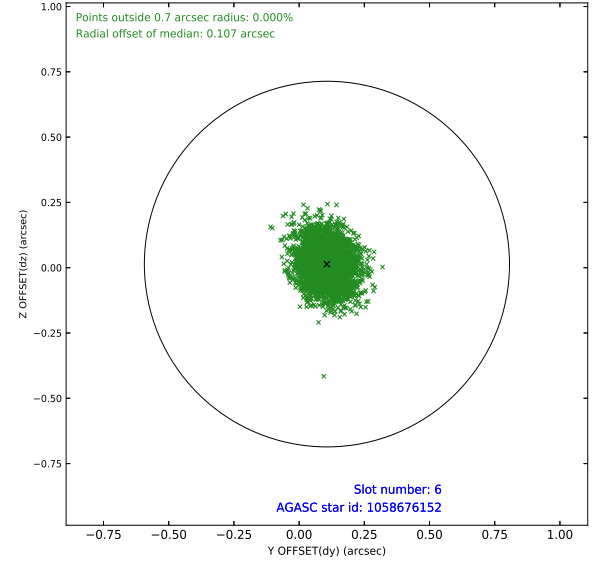
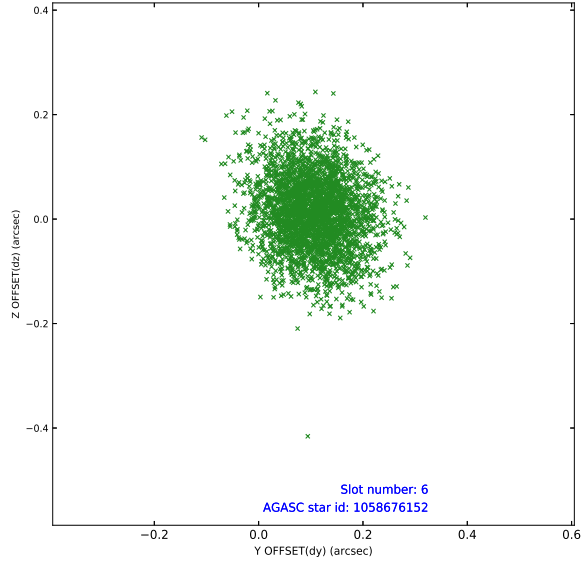
2.4.2 Slot 4



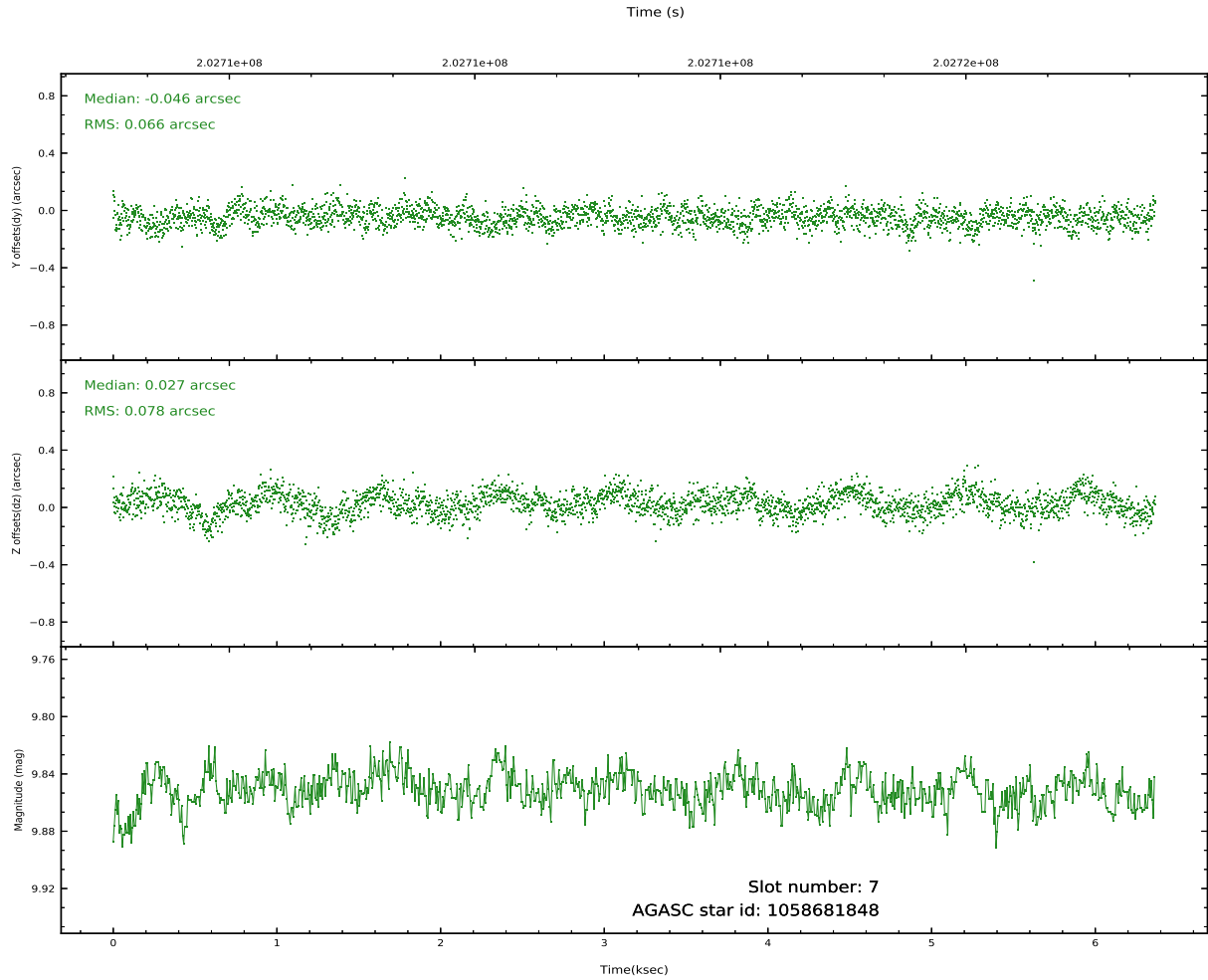
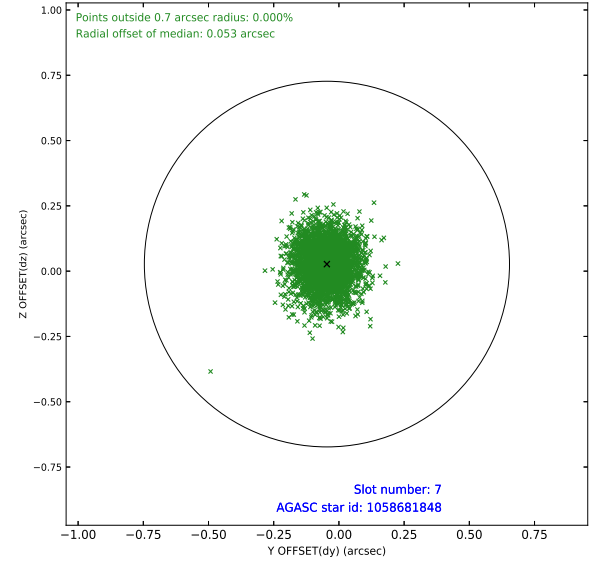
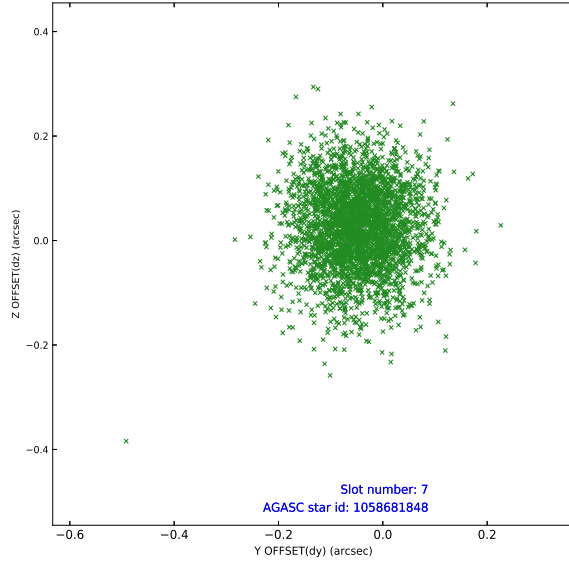
2.4.3 Slot 5



2.4.4 Slot 6

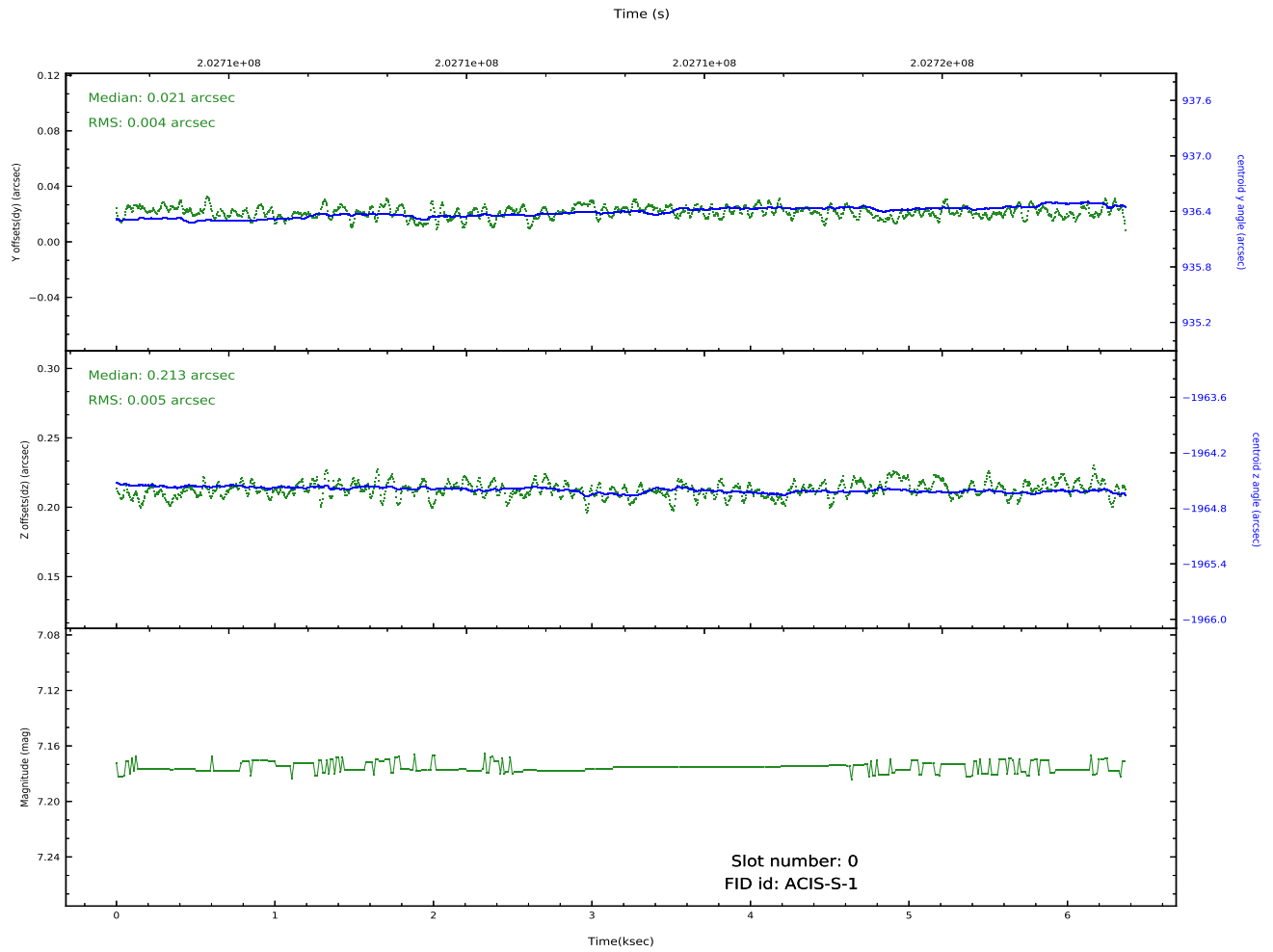
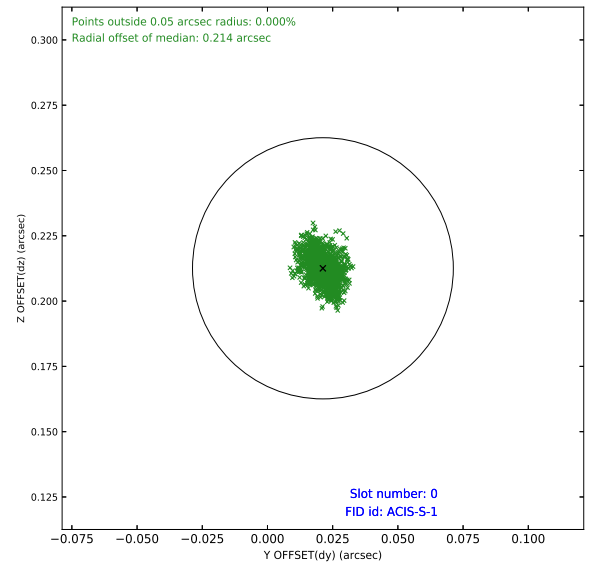
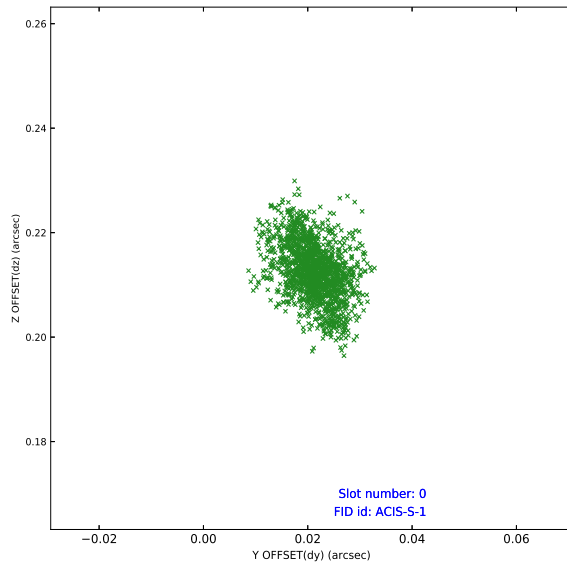


2.4.5 Slot 7

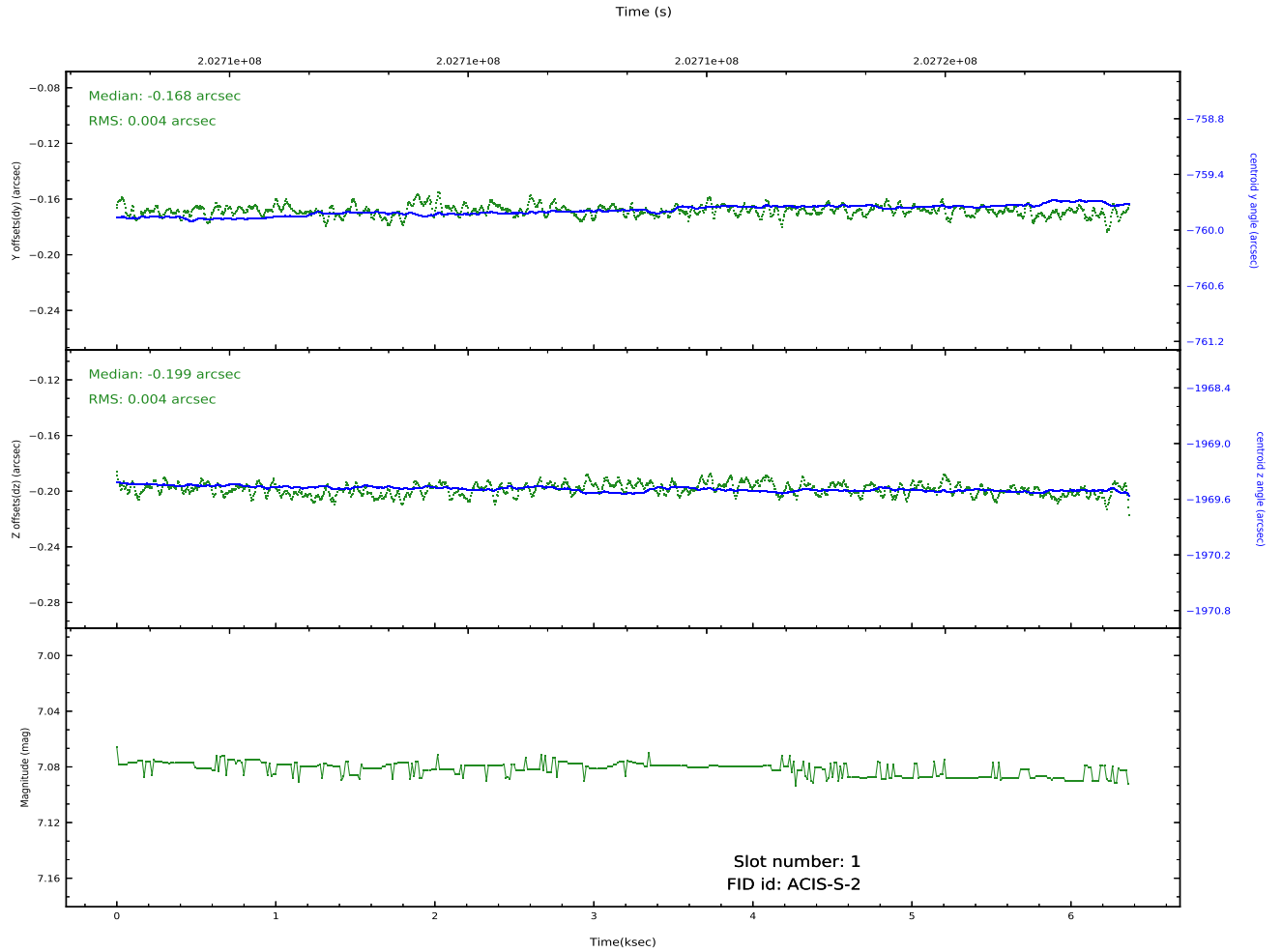
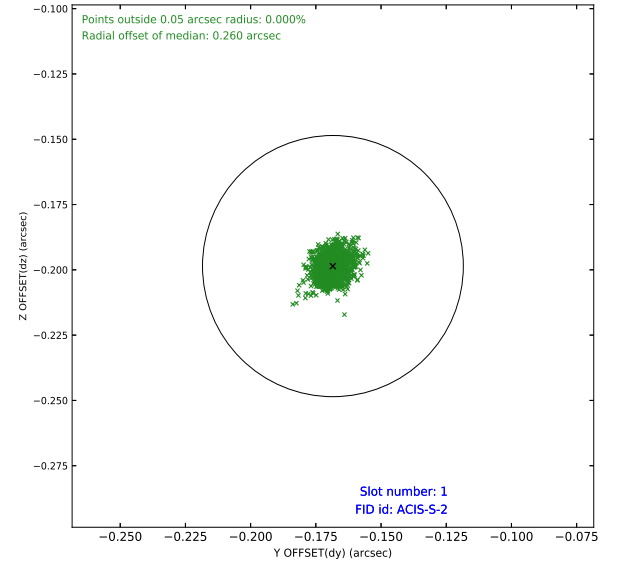
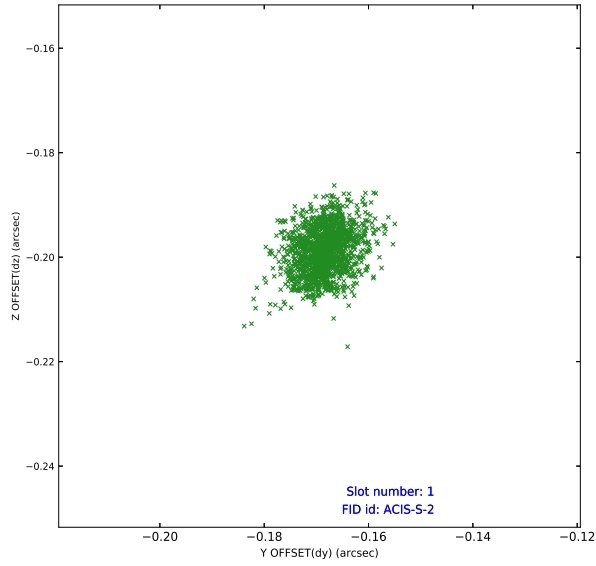


2.5 FID Slots

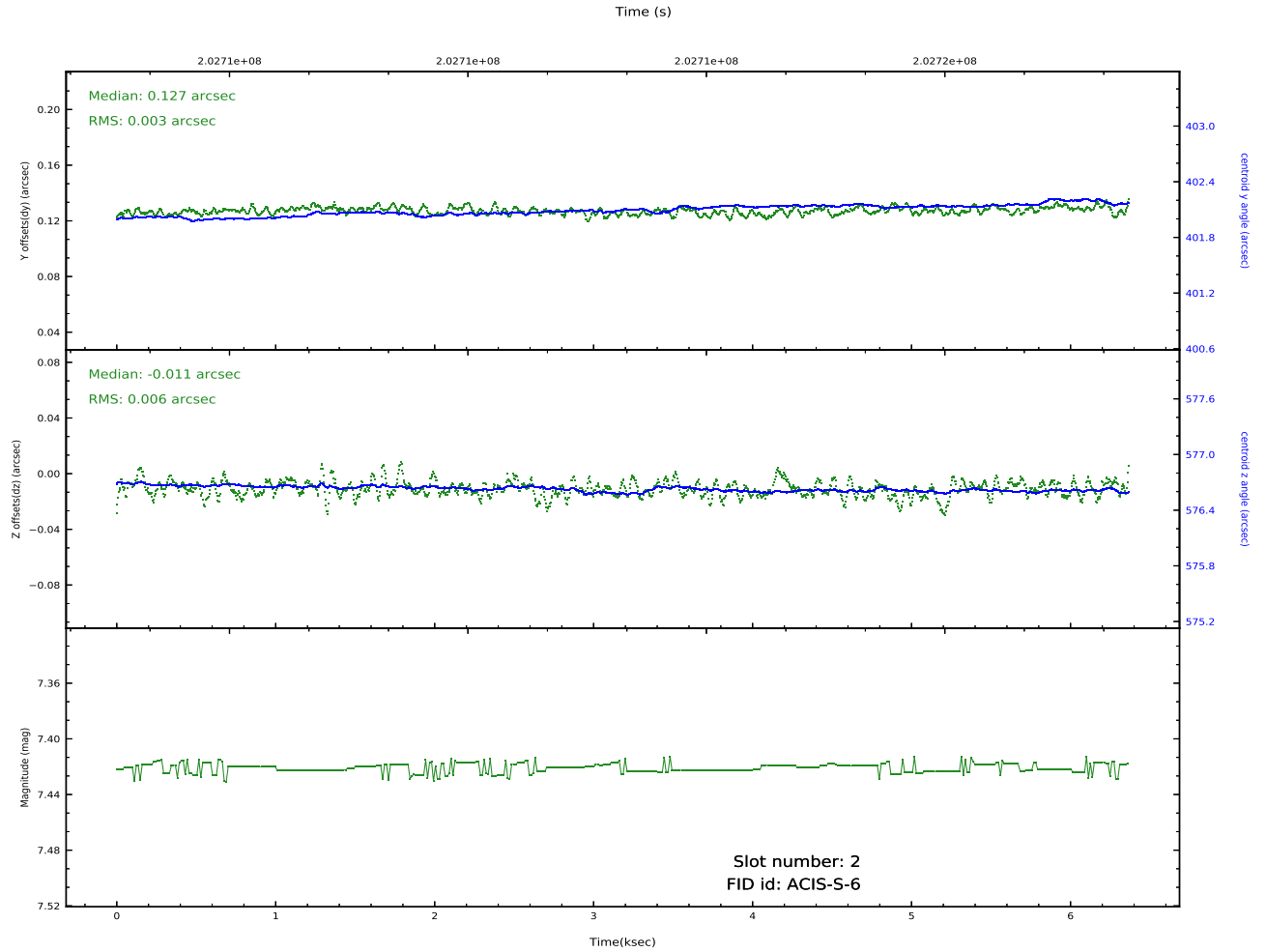
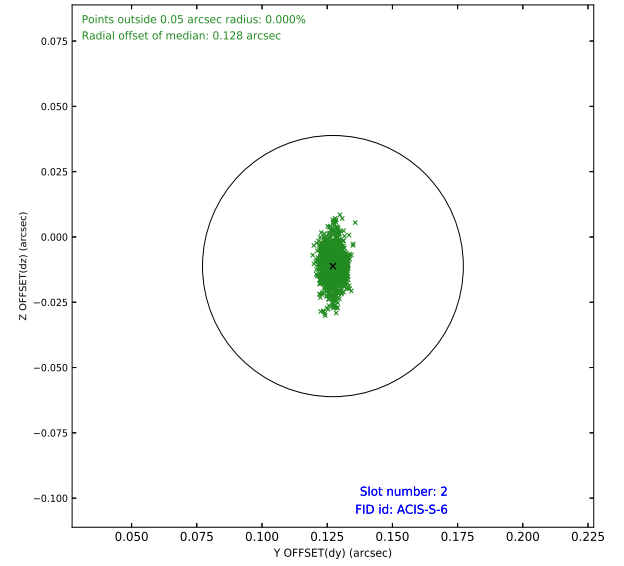
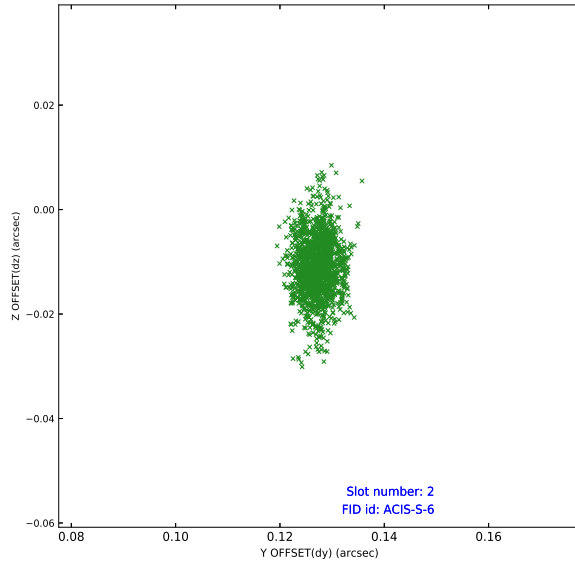
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2020.09.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.368

A.2 Comments