

V&V Reference Report

L2 ASCDS Version : 10.9.1

Observation 6294 - L2 Version 4
Chandra X-Ray Center

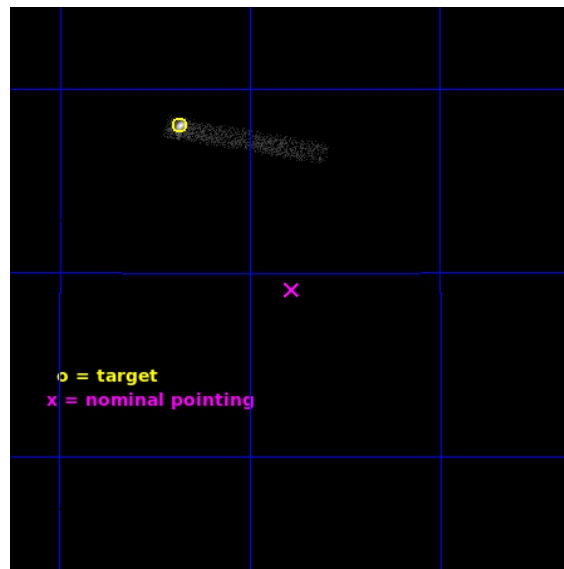
L2 Processing Date : Oct 8 2020

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1 Front

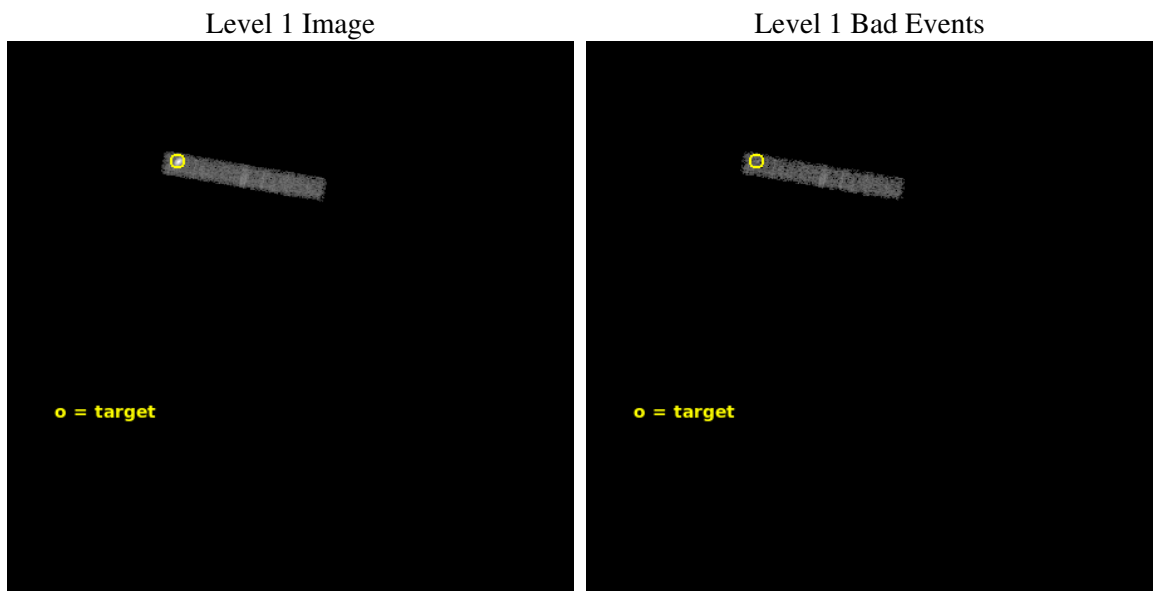
seq_num	300163	Sequence number
obs_id	6294	Observation id
title	The lightcurve and spectra of the cataclysmic variable EI UMa	Prop
observer	Dr. Peter Predehl	Principal investigator
object	EI UMa	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	129.591667	Observer's specified target RA [deg]
dec_targ	48.633806	Observer's specified target Dec [deg]
ra_nom	129.44452947195	Nominal RA [deg]
dec_nom	48.484866360035	Nominal Dec [deg]
roll_nom	280.32582327753	Nominal Roll [deg]
revision	4	Processing version of data
ontime	12479.200185925	Sum of GTIs [s]
livetime	11317.975862439	Livetime [s]
ontime3	12479.200185925	Sum of GTIs [s]
l2events	17725	Number of level 2 events



2 OBI

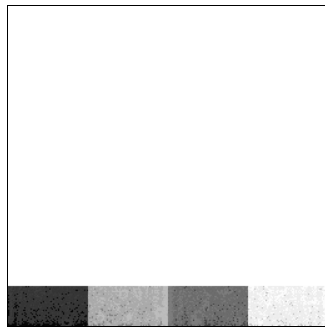
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 3



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	12300.000000	[s] Scheduled observation exposure time
ascdsver	10.9.1	Processing system revision	ontime	12479.200185925	Sum of GTIs [s]
caldsver	4.9.2	 	ontime3	12479.200185925	Sum of GTIs [s]
date	2020-10-08T18:53:38	Date and time of file creation	l1events	35175	Number of level 1 events
revision	4	Processing version of data			

2.1.4 Events

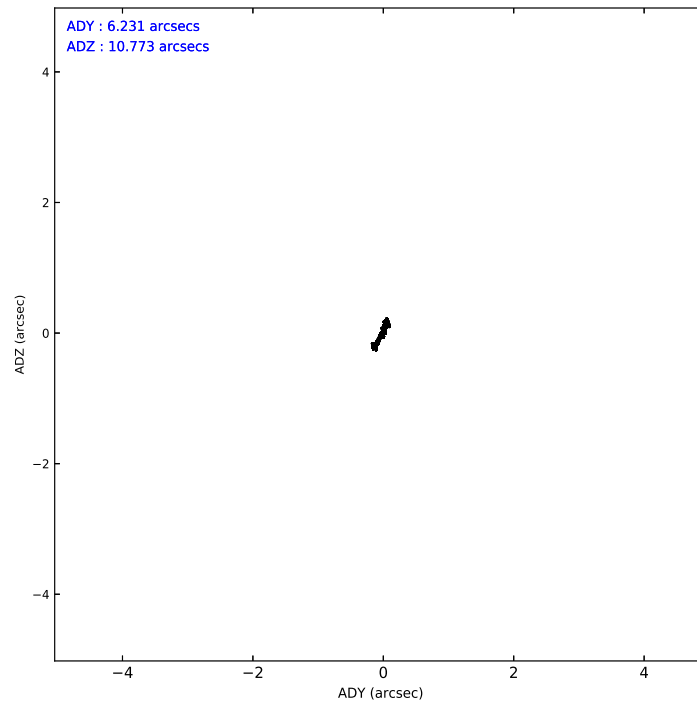
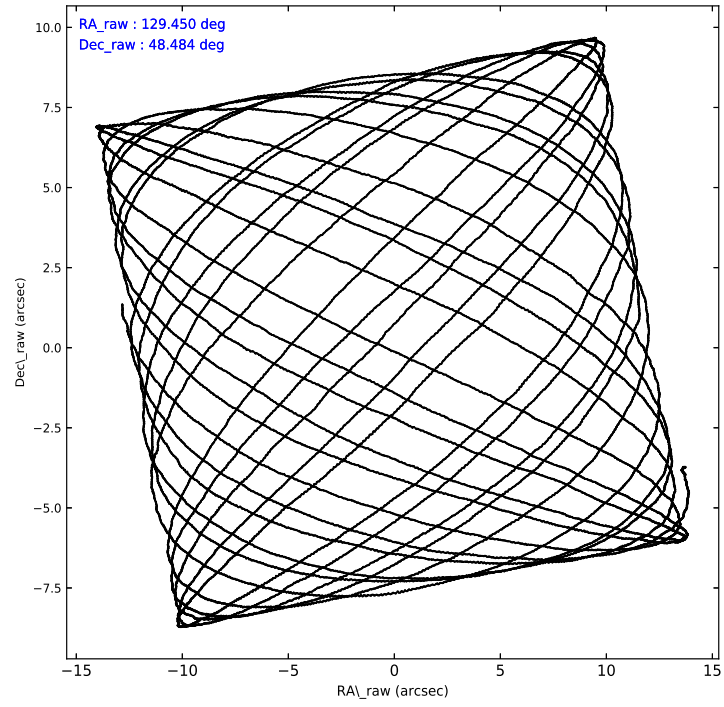
	ccd 3
level 1 events	35175
rejected events	16964
rejected %	48%

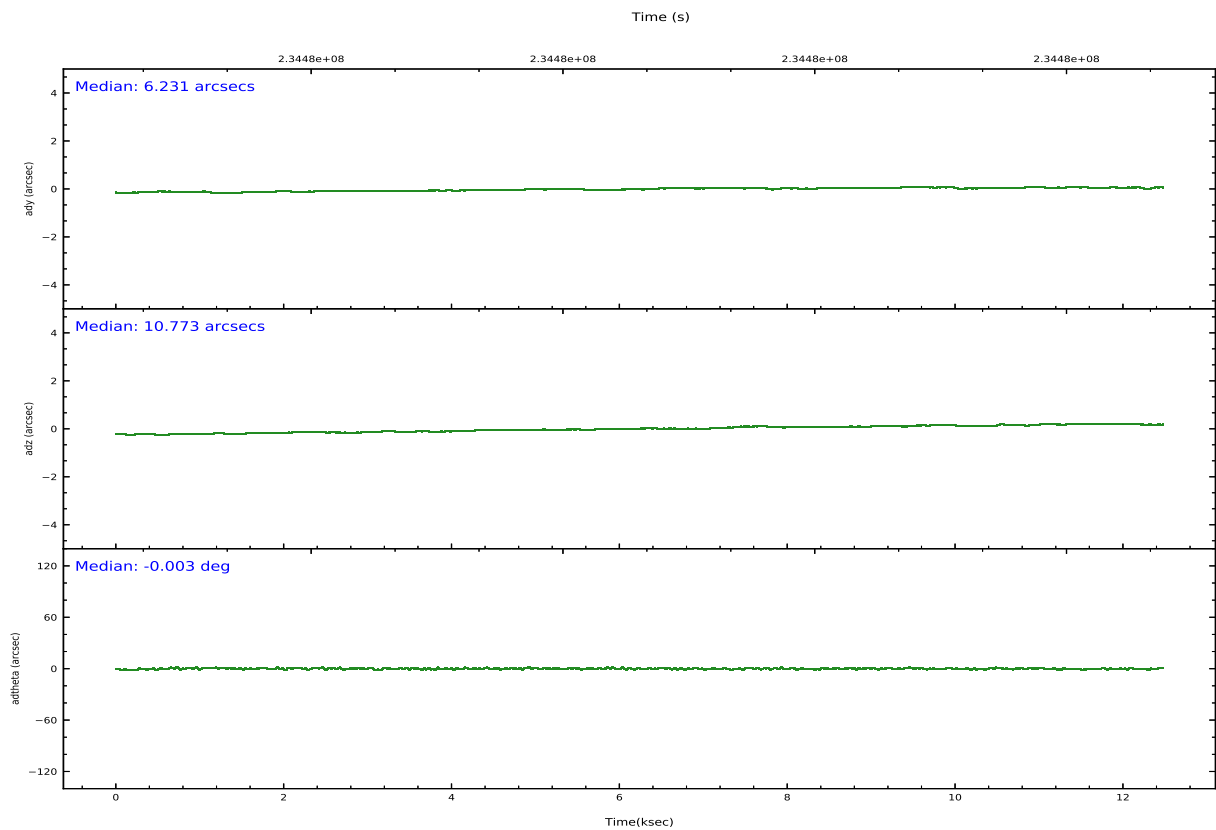
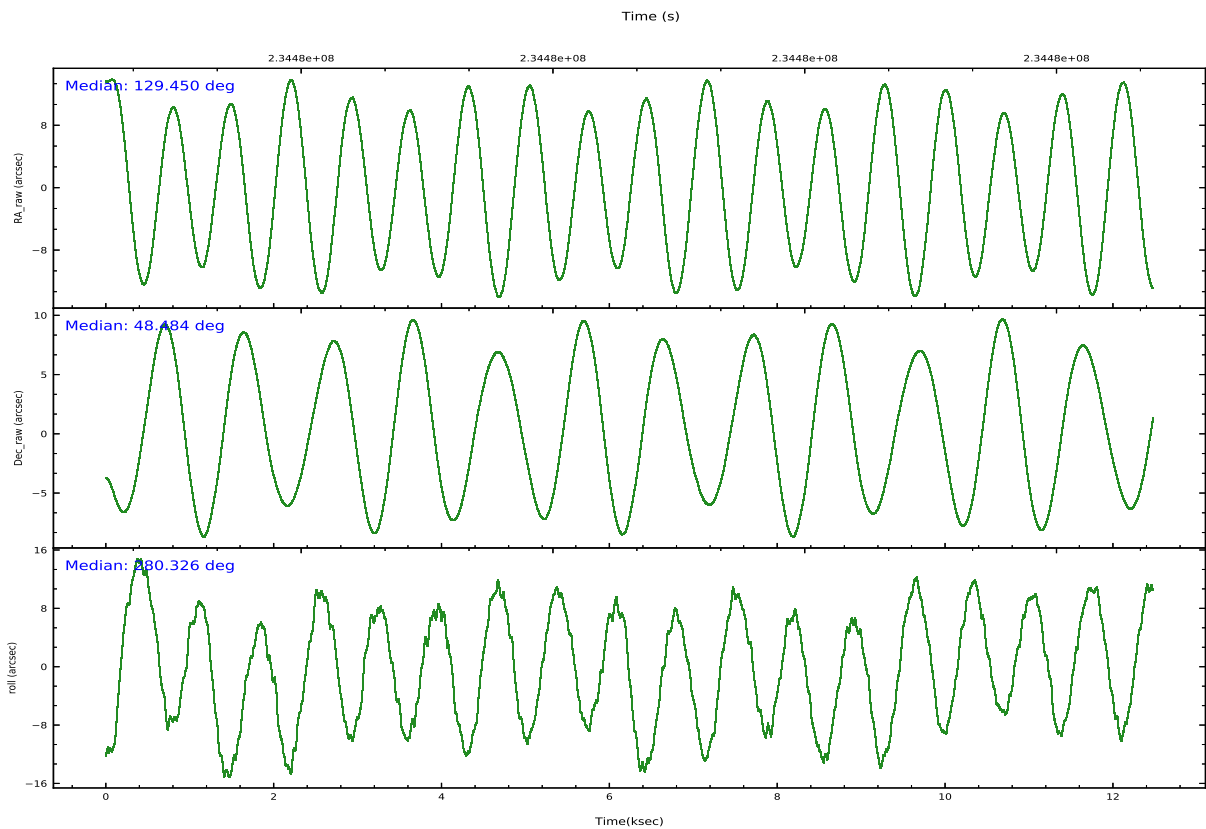
	ccd 3
grade 0 events	13102
	37%
grade 1 events	50
	0%
grade 2 events	2251
	6%
grade 3 events	1038
	2%
grade 4 events	976
	2%
grade 5 events	544
	1%
grade 6 events	1043
	2%
grade 7 events	16171
	45%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar version number	8	8
Detector	ACIS-3	ACIS-3	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	129.422773	129.44452947195	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	48.504432	48.484866360035	Subarray start row	1	1
[deg] Pointing Roll	280.136720	280.32582327753	Subarray row count	128	128
[mm] SIM focus pos	-0.782348	-0.7809083437167272	Alternating exposures requested	N	N
[mm] SIM defocus	0	0.001439871863259334	[s] Primary exposure time	0.000000	0.4
[mm] SIM translation stage pos	-233.592463	-233.5874344608287			
[mm] SIM translation stage offset	0	-0.005018542100998502			
[s] Observation start time (MET)	234472851.184000	234472089.90148			
Observation start date	2005-06-06T19:19:47	2005-06-06T19:08:09			
[s] Observation end time (MET)	234485151.184000	234486576.73964			
Observation end date	2005-06-06T22:44:47	2005-06-06T23:09:36			
Read mode	TIMED	TIMED			

2.3 Aspect



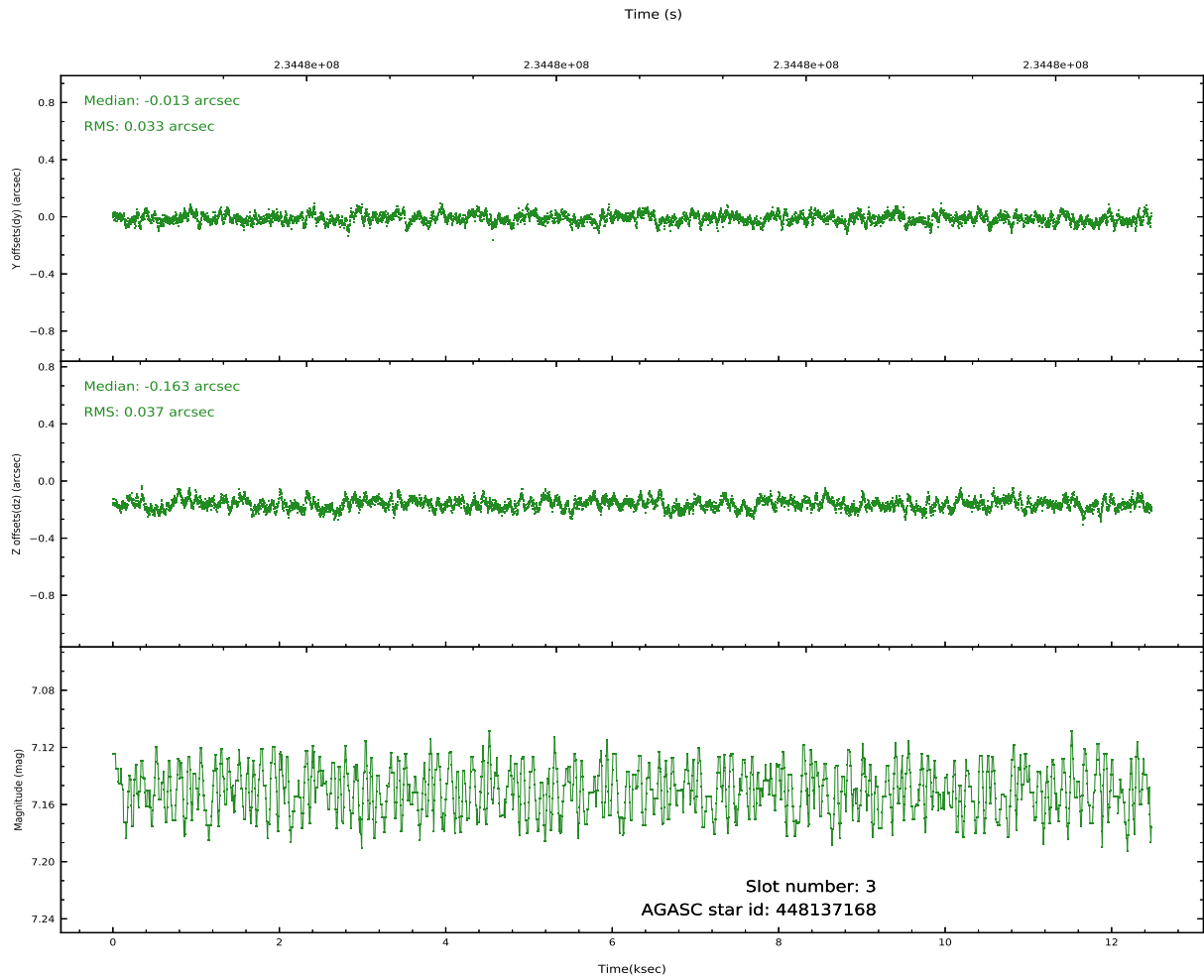
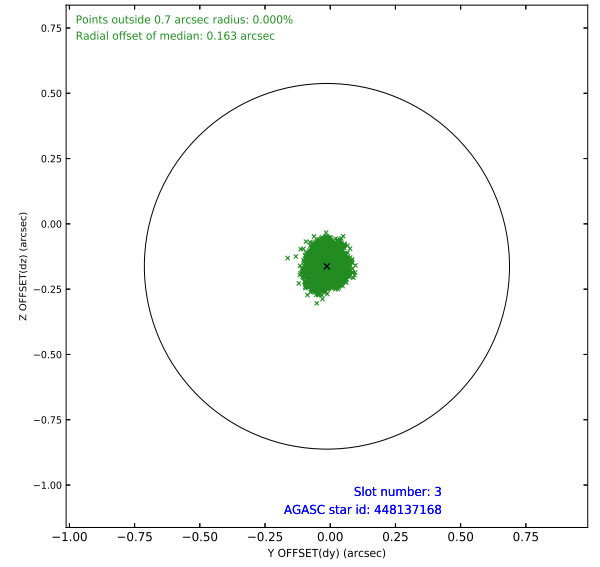
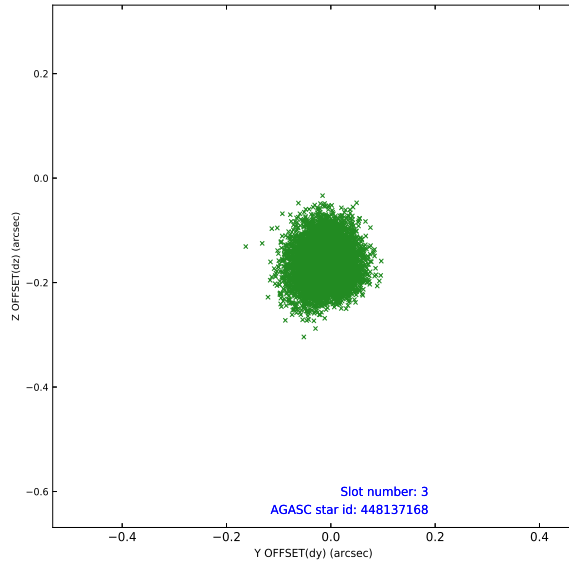


Slot Statistics

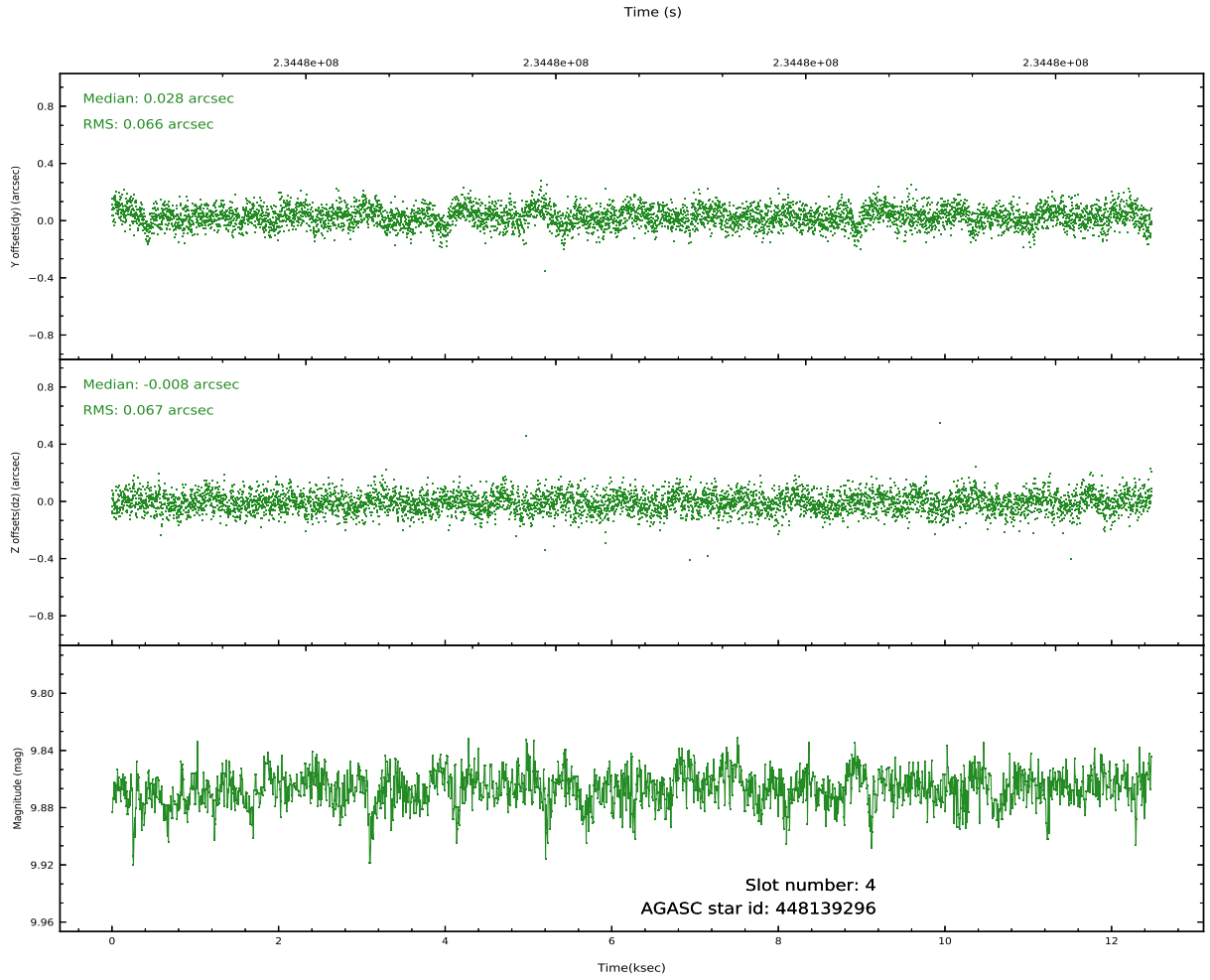
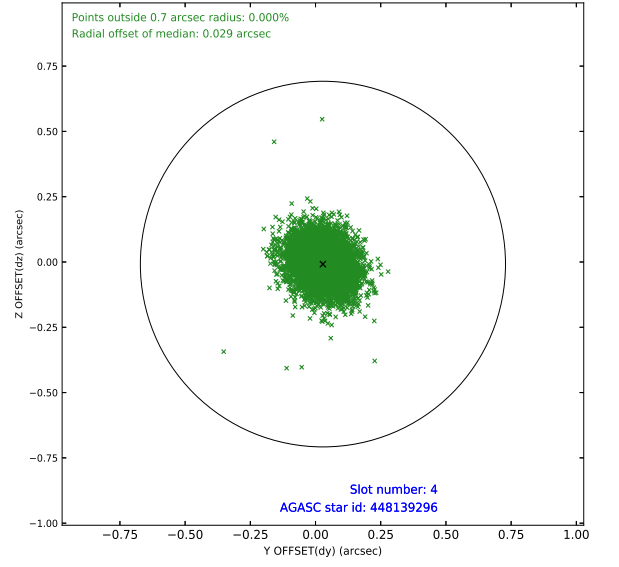
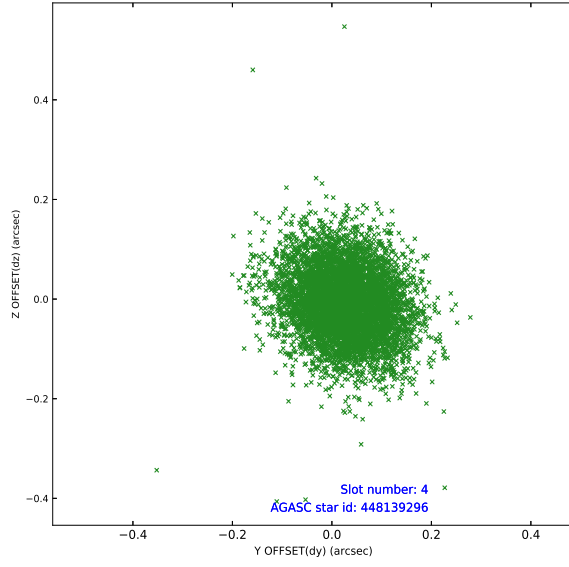
pt	status	used	id	mag	n_pts	frac_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mea
0	FID		ACIS-I-2	7.14	3042	1.000	-0.087	-0.121	0.010	0.019	0.000000	0.000000	-760.75	-840
1	FID		ACIS-I-4	7.18	3044	1.000	0.149	0.085	0.006	0.011	0.000000	0.000000	2153.33	1065
2	FID		ACIS-I-5	7.22	3044	1.000	-0.162	0.104	0.009	0.016	0.000000	0.000000	-1814.18	1063
3	GUIDE	used	448137168	7.15	6089	1.000	-0.013	-0.163	0.053	0.085	128.722836	48.533723	-404.56	-1622
4	GUIDE	used	448139296	9.87	6075	1.000	0.028	-0.008	0.099	0.163	129.077095	48.192176	959.05	-1014
5	GUIDE	used	448142144	8.41	6087	1.000	-0.017	0.027	0.058	0.095	129.164615	48.332904	498.45	-716
6	GUIDE	used	448145968	9.89	6080	1.000	0.062	0.104	0.123	0.197	130.277247	48.257599	1224.68	1862
7	GUIDE	used	448145880	9.68	6017	1.000	-0.056	0.040	0.106	0.173	129.329974	49.152000	-2332.97	195

2.4 Star Slots

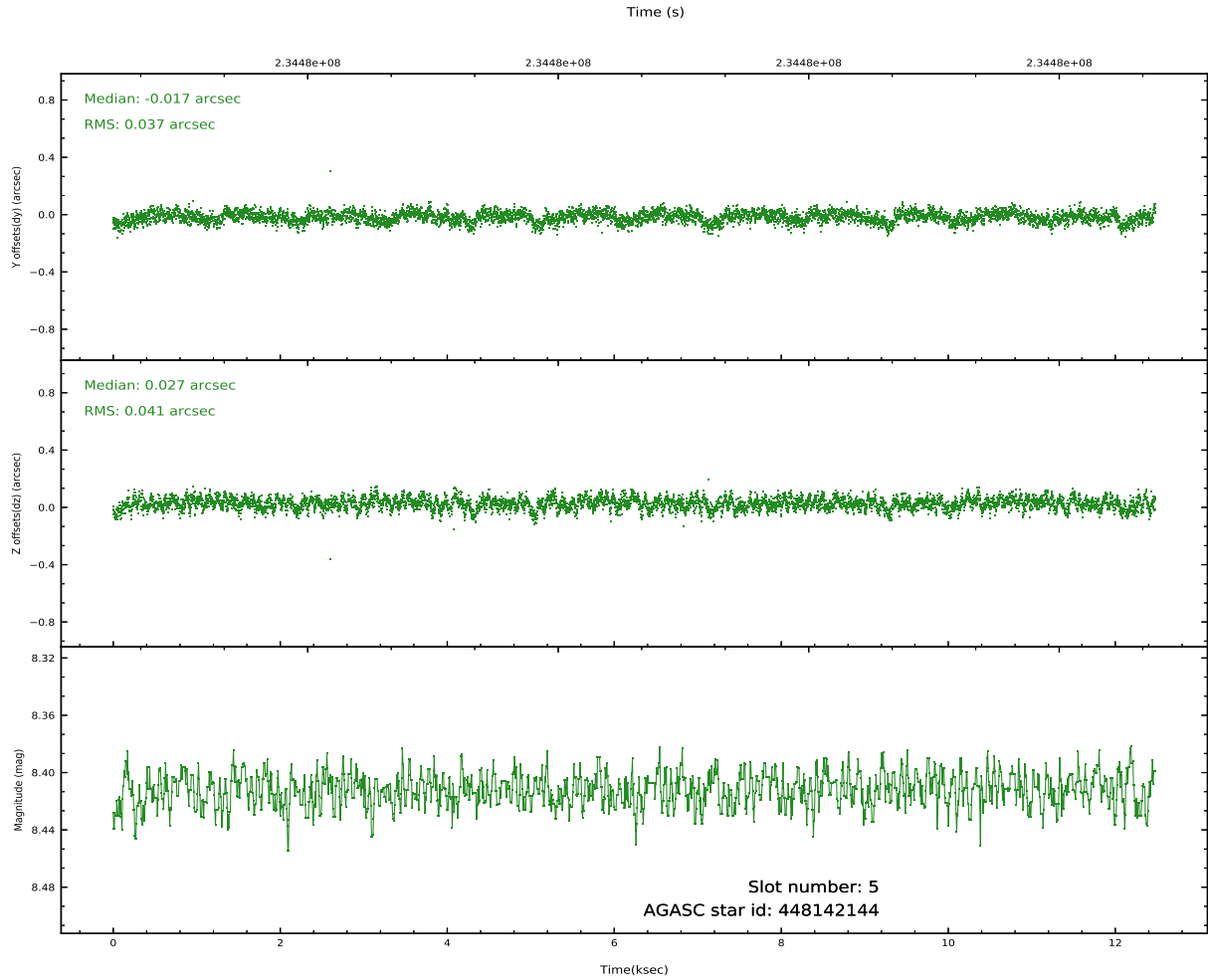
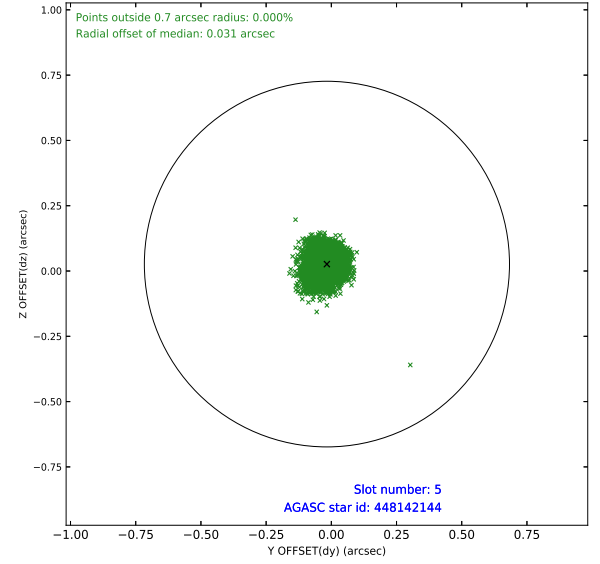
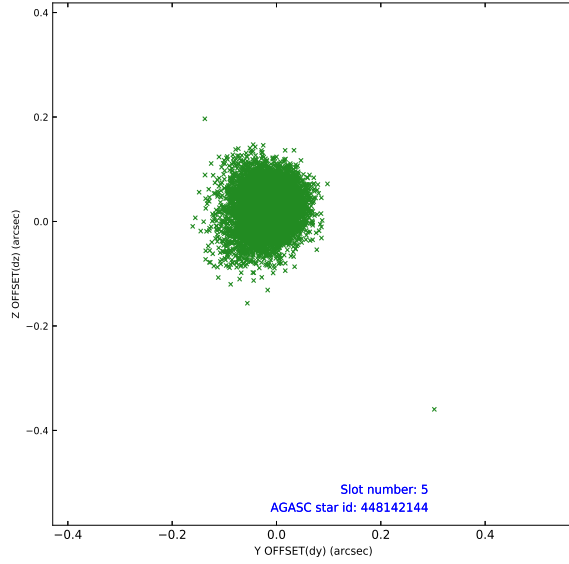
2.4.1 Slot 3



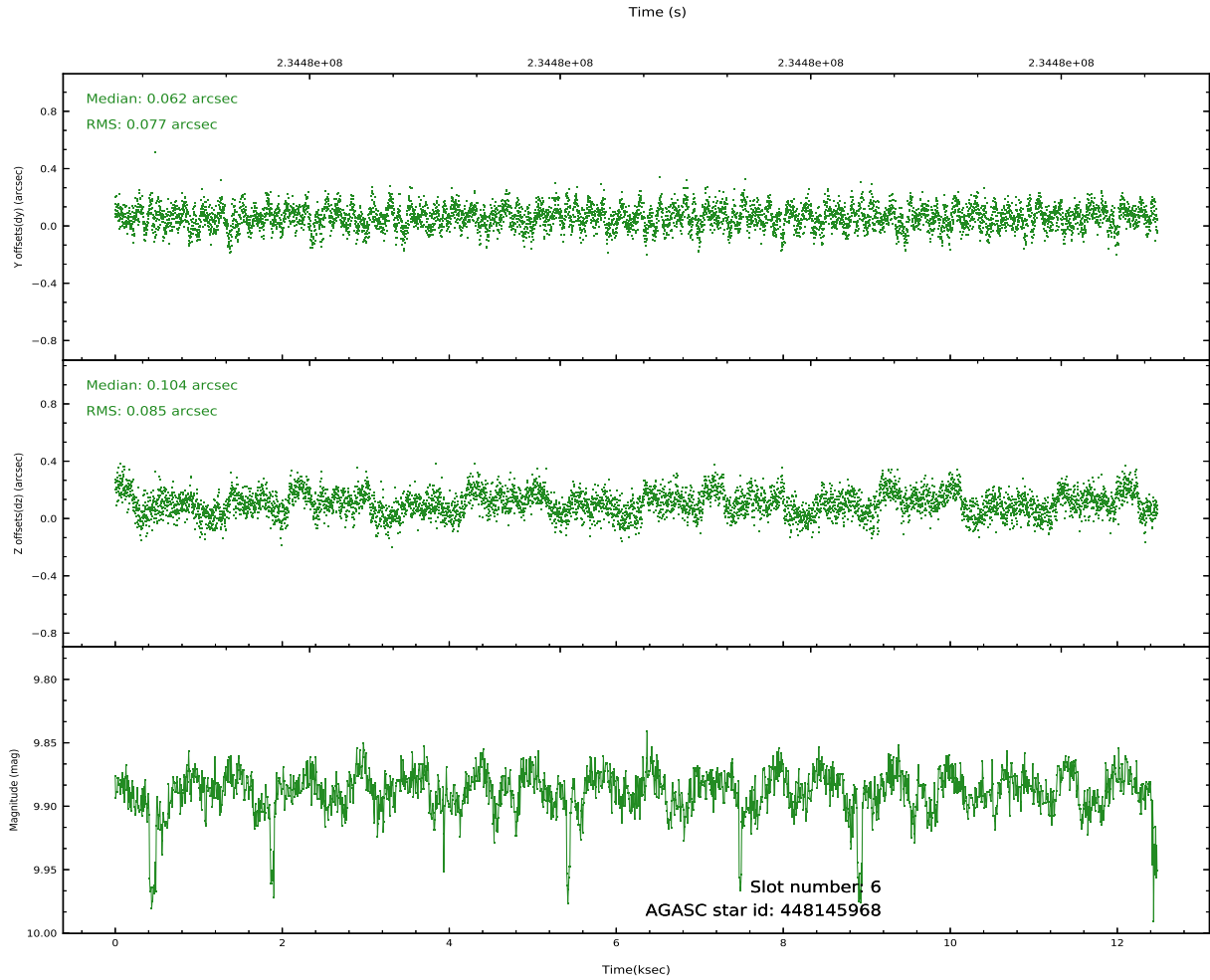
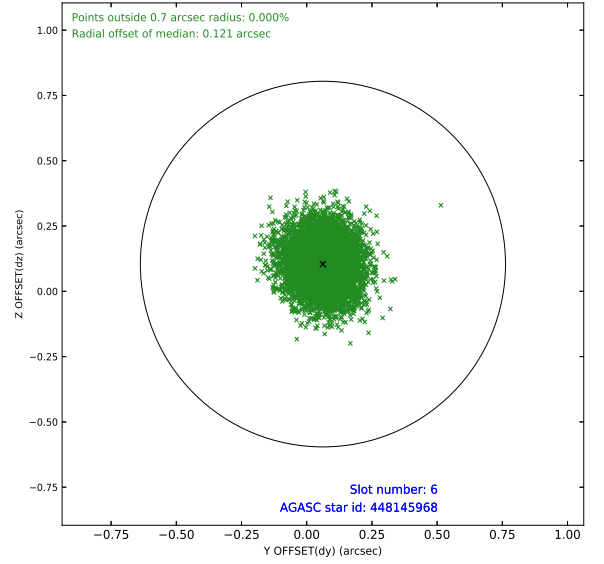
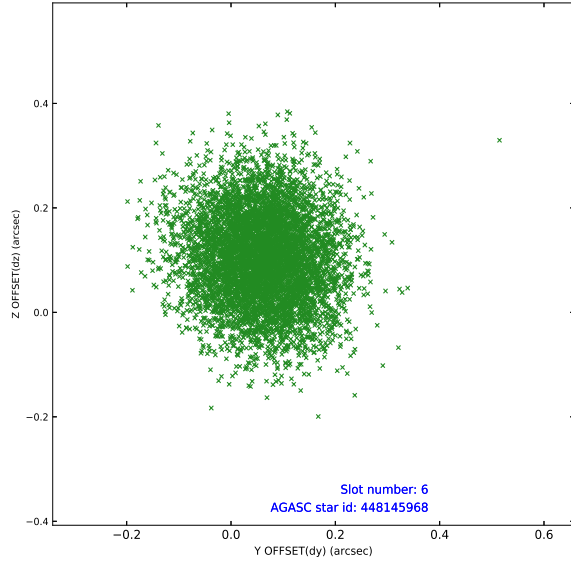
2.4.2 Slot 4



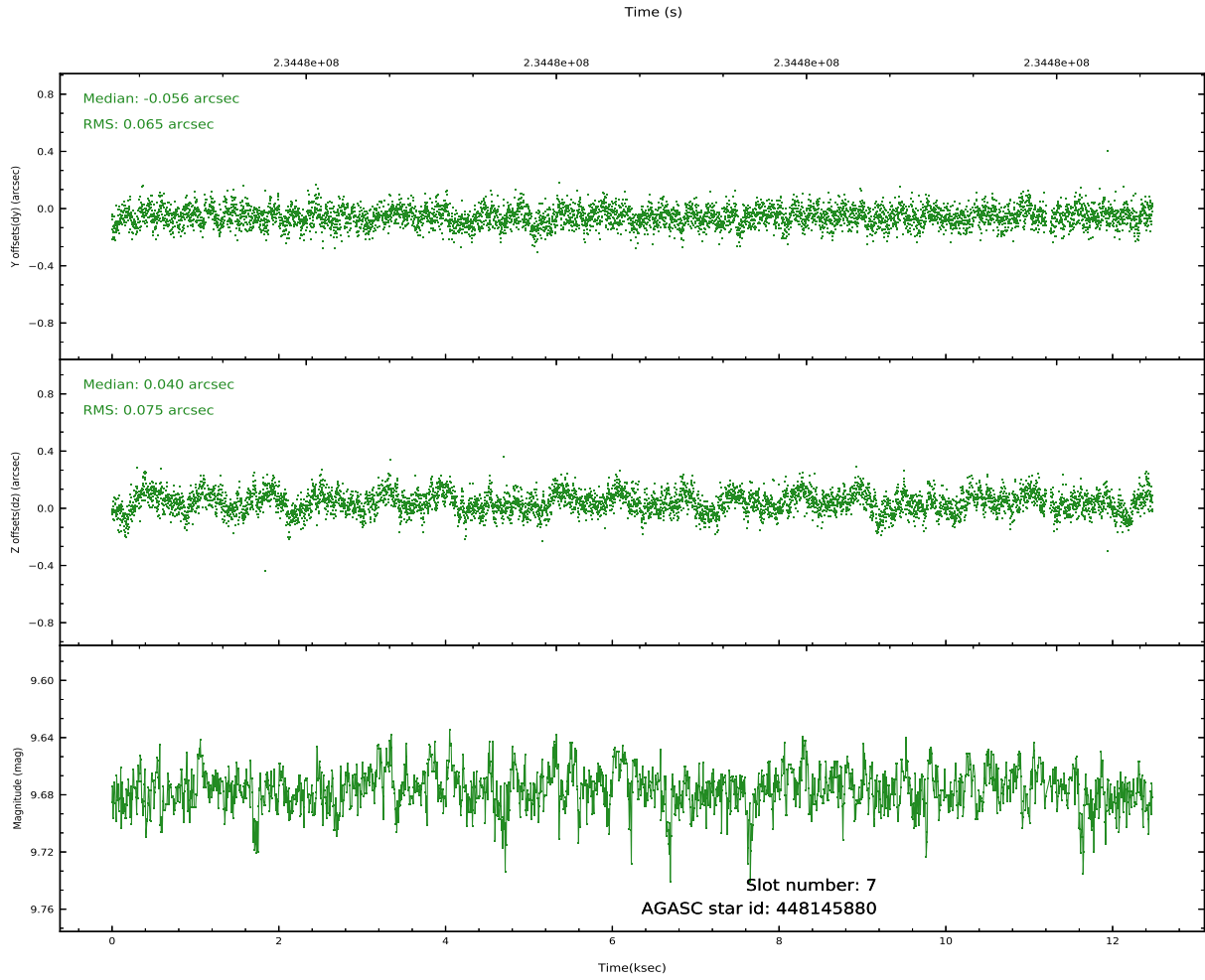
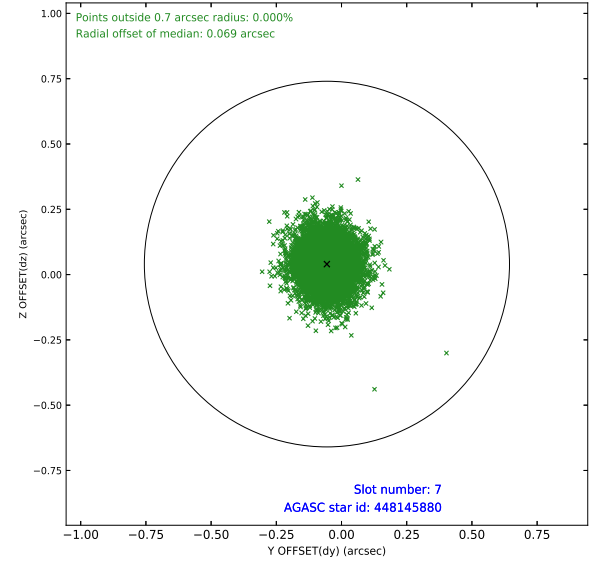
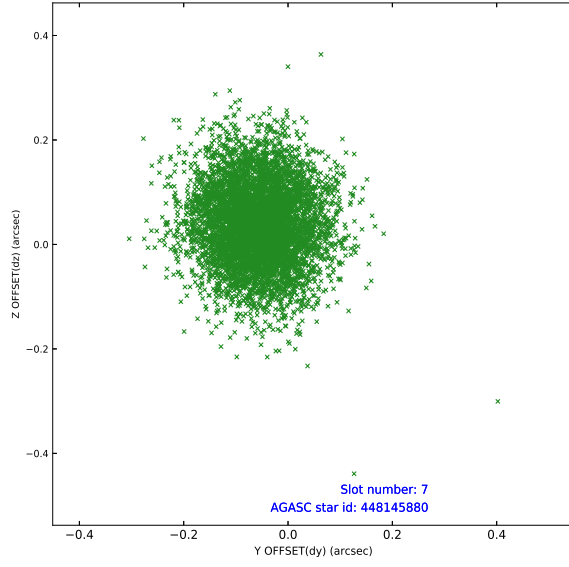
2.4.3 Slot 5



2.4.4 Slot 6

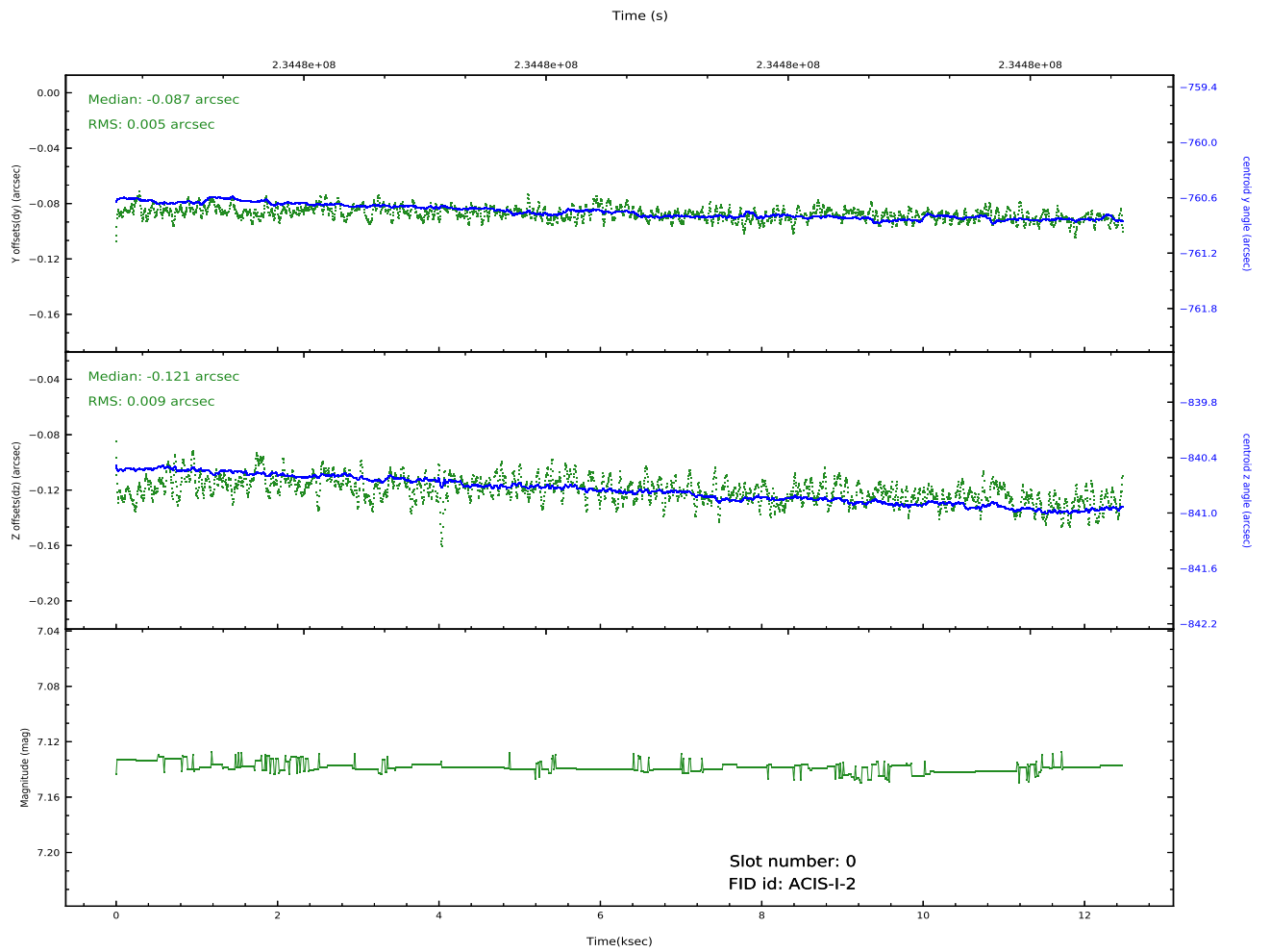
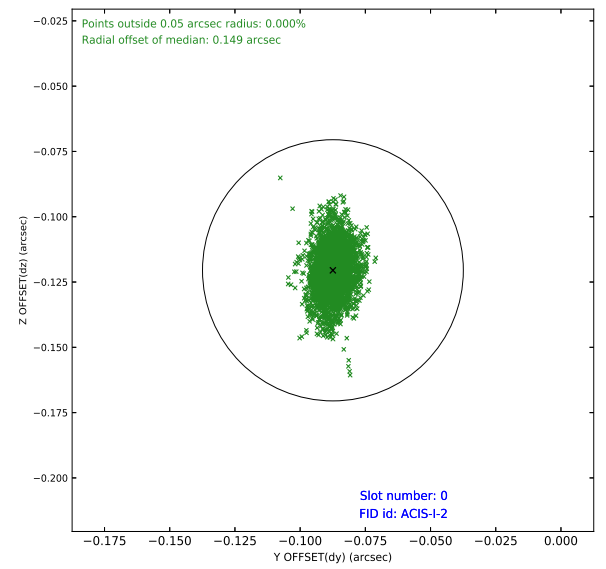
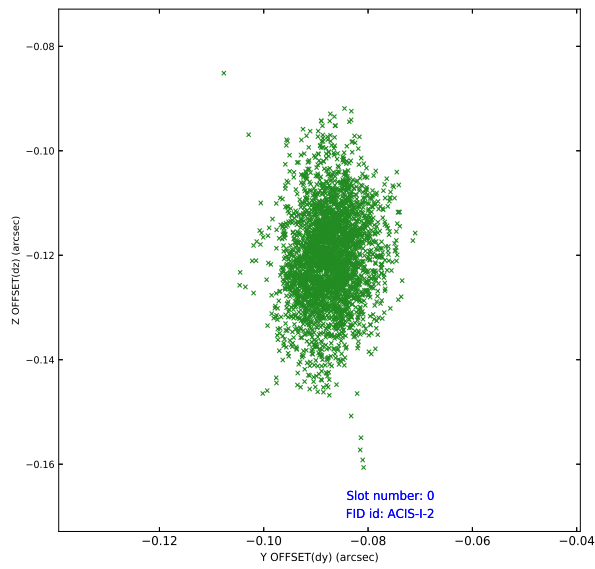


2.4.5 Slot 7

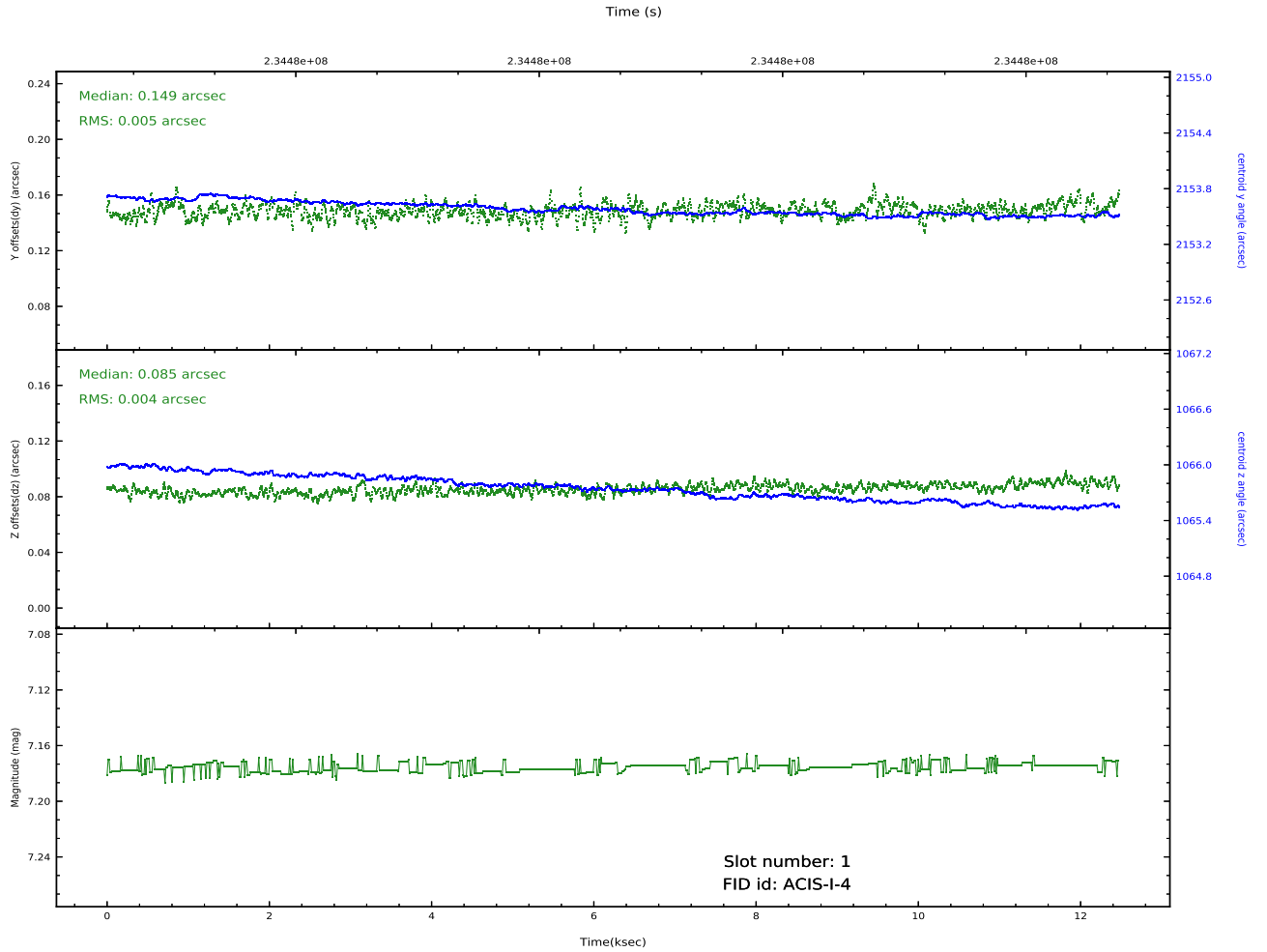
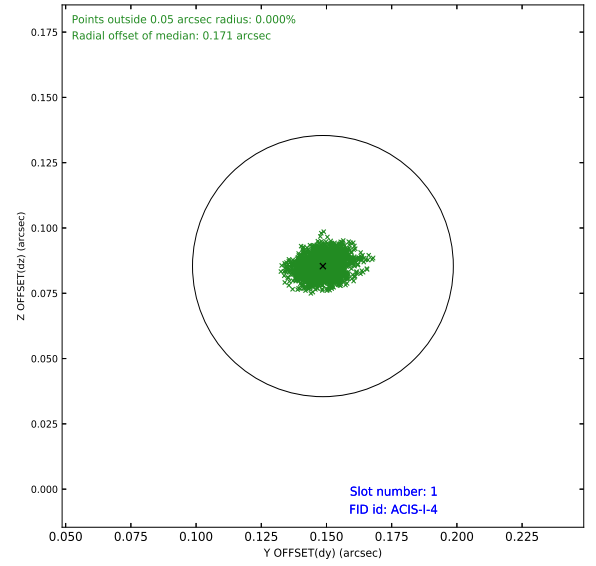
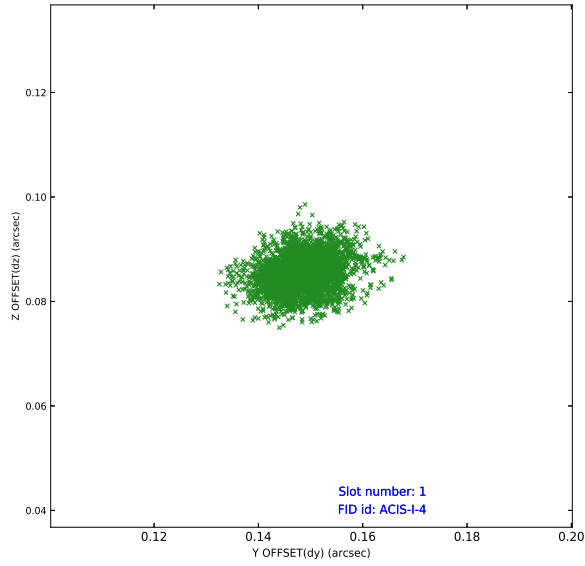


2.5 FID Slots

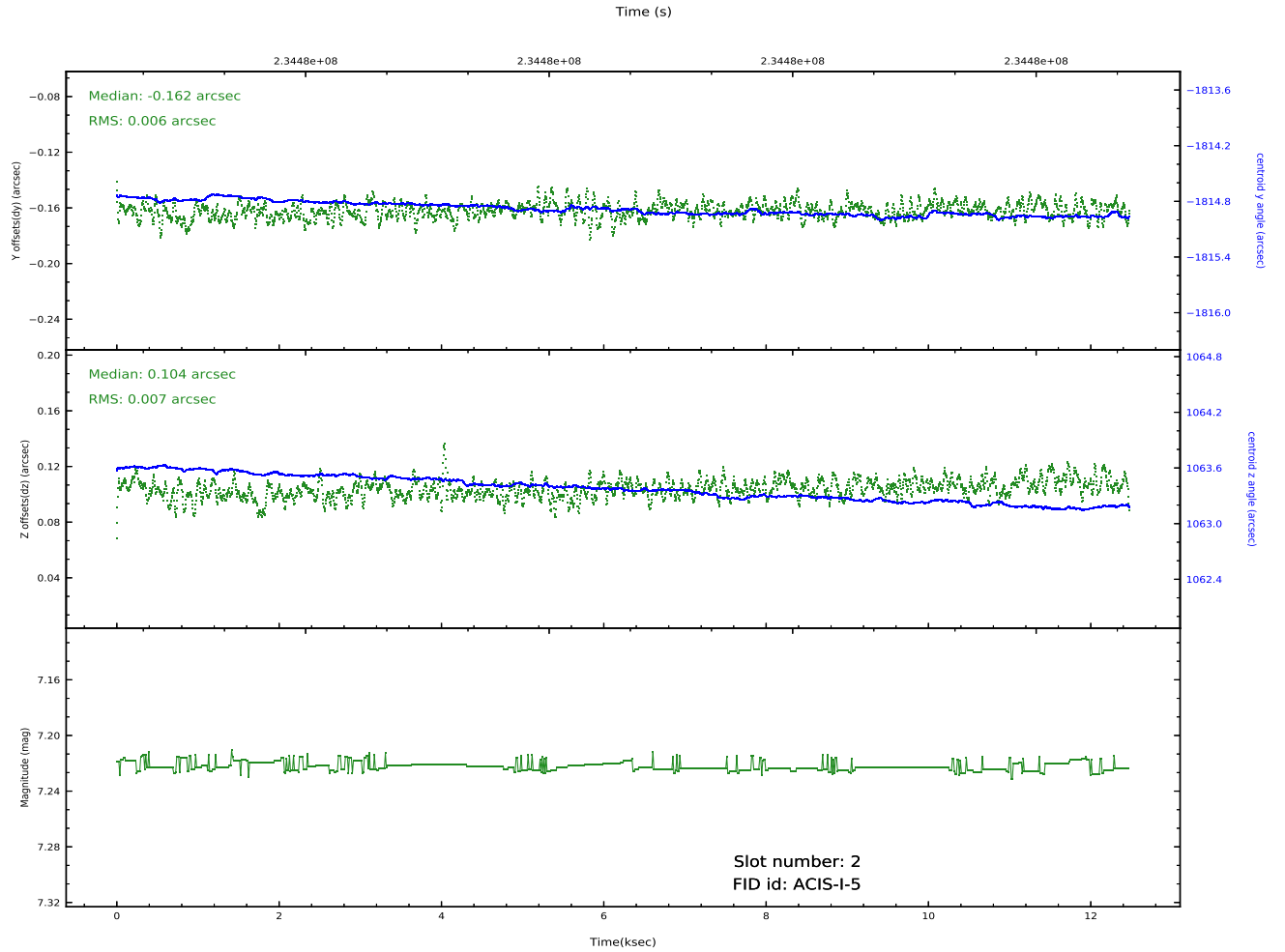
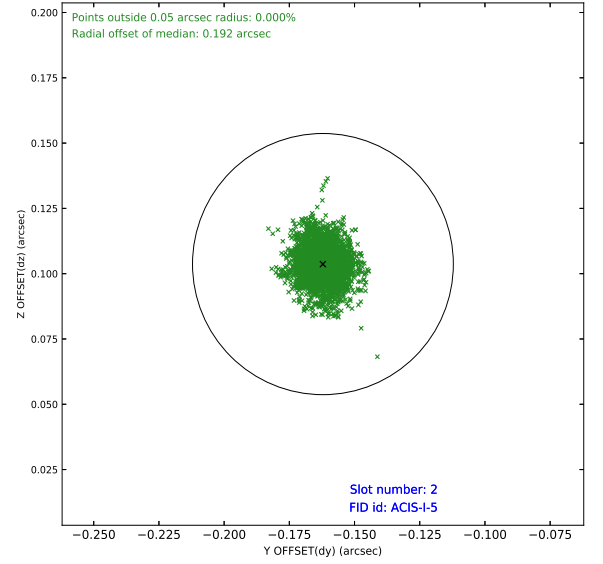
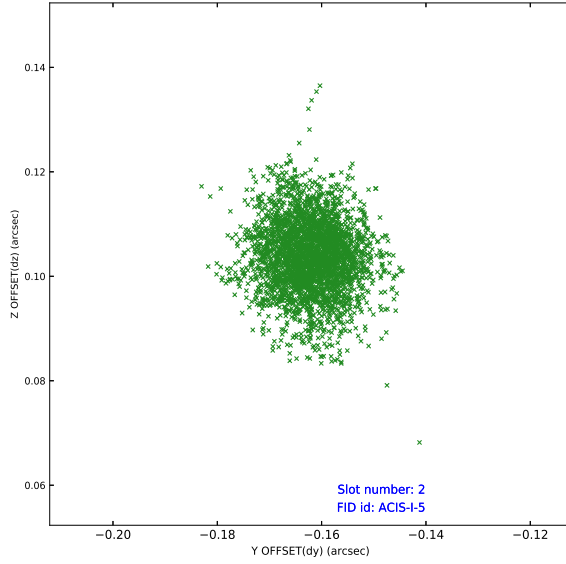
2.5.1 Slot 0



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)	2020.10.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	12.4792

A.2 Comments