

V&V Reference Report

L2 ASCDS Version : 10.9.1

Observation 4786 - L2 Version 4
Chandra X-Ray Center

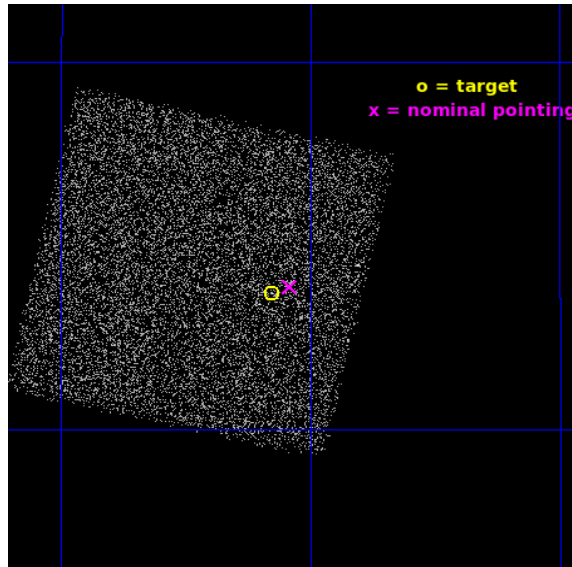
L2 Processing Date : Sep 25 2020

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1 Front

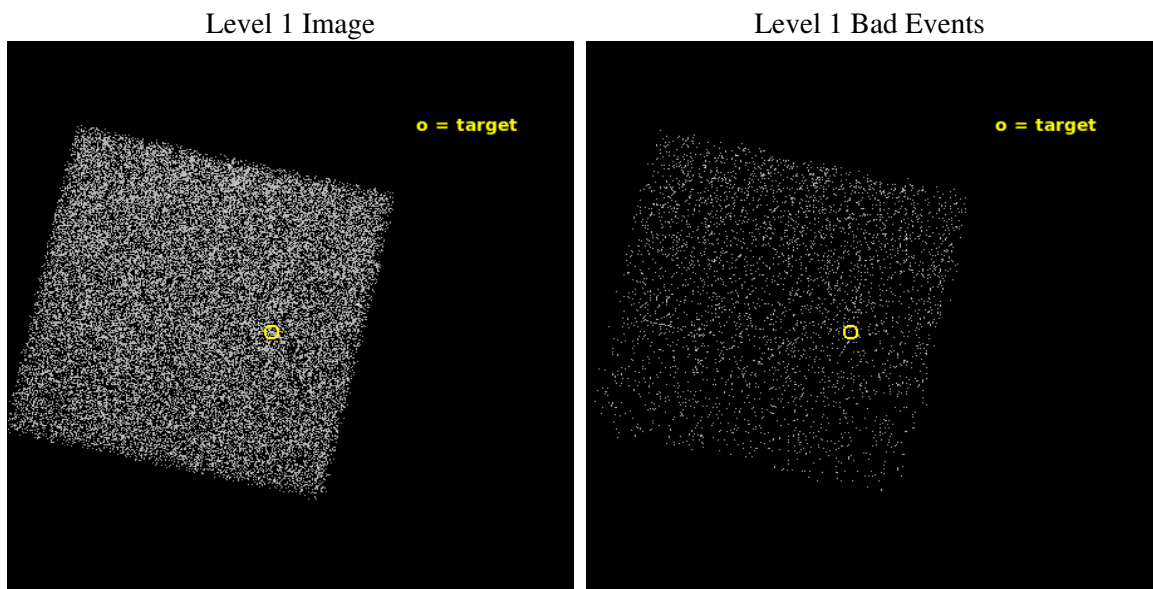
seq_num	700869	Sequence number
obs_id	4786	Observation id
title	Anchoring the AGN X-ray Luminosity Function	Proposal title
observer	Dr. JOHN SALZER	Principal investigator
object	KISS F1425-1071	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	217.269583	Observer's specified target RA [deg]
dec_targ	29.7285	Observer's specified target Dec [deg]
ra_nom	217.26027376032	Nominal RA [deg]
dec_nom	29.731407131899	Nominal Dec [deg]
roll_nom	192.79416881623	Nominal Roll [deg]
revision	4	Processing version of data
ontime	4434.0	Sum of GTIs [s]
livetime	4374.1614710757	Livetime [s]
ontime7	4434.0	Sum of GTIs [s]
l2events	16988	Number of level 2 events



2 OBI

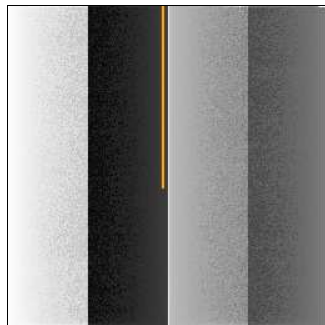
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	4000.000000	[s] Scheduled observation exposure time
ascdsver	10.9.1	Processing system revision	ontime	4434.0	Sum of GTIs [s]
caldbver	4.9.2	 	ontime7	4434.0	Sum of GTIs [s]
date	2020-09-25T19:29:26	Date and time of file creation	l1events	43648	Number of level 1 events
revision	4	Processing version of data			

2.1.4 Events

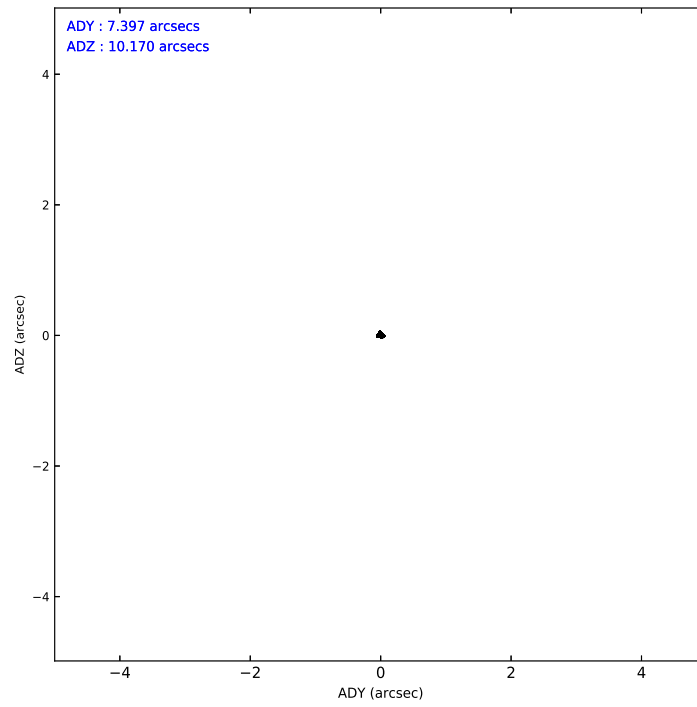
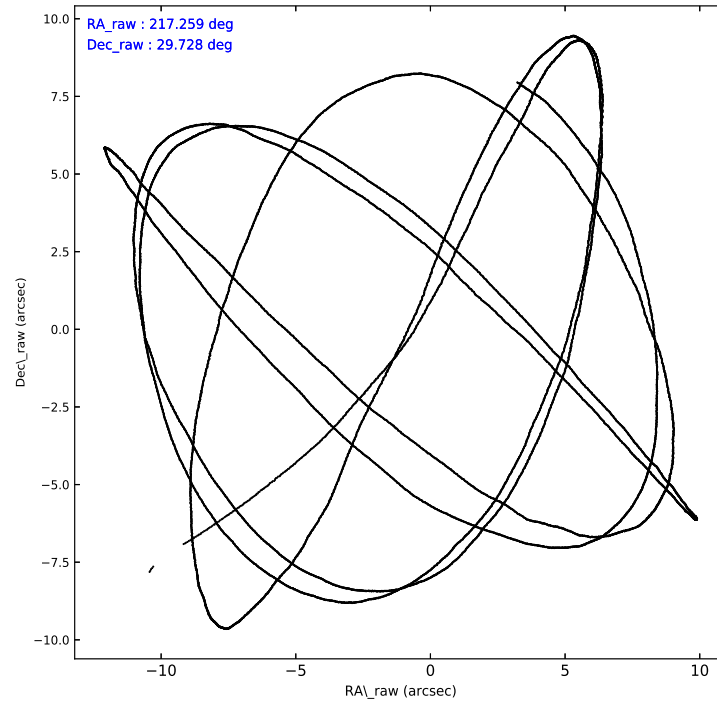
	ccd 7
level 1 events	43648
rejected events	26120
rejected %	59%

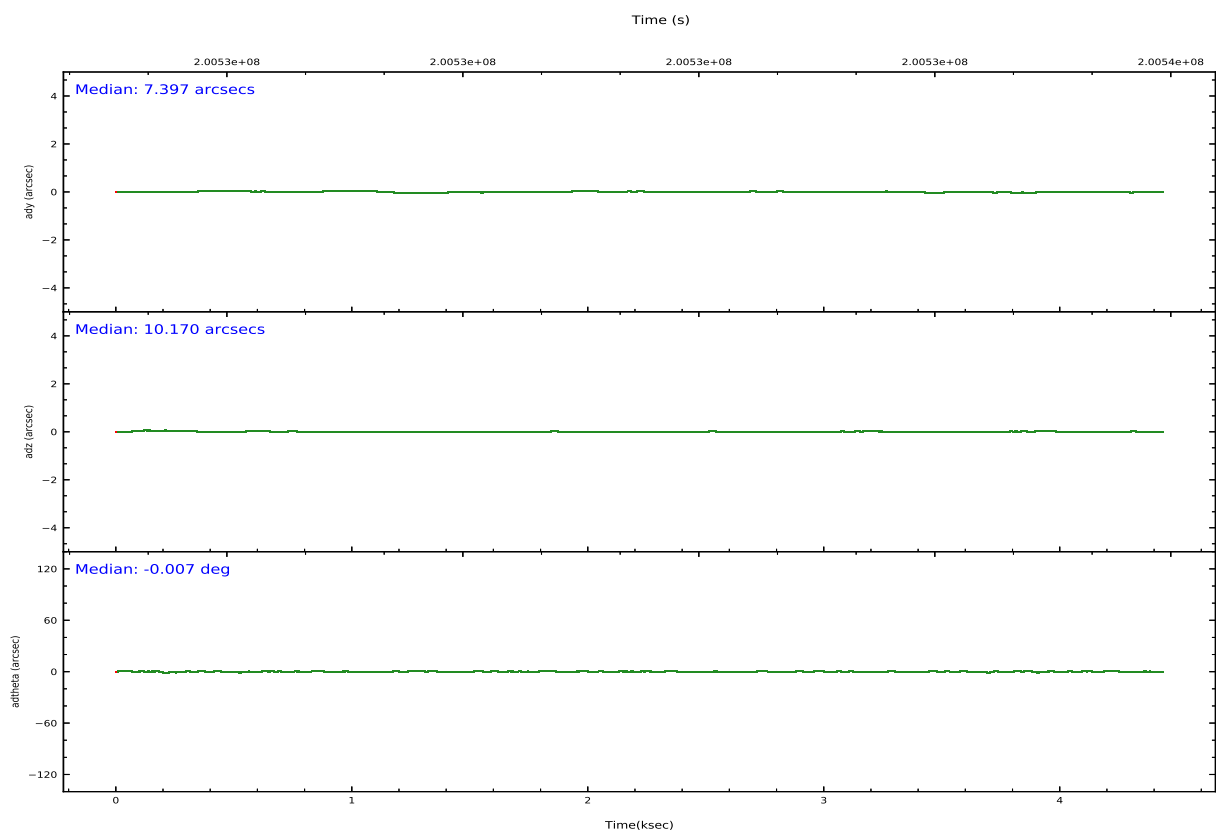
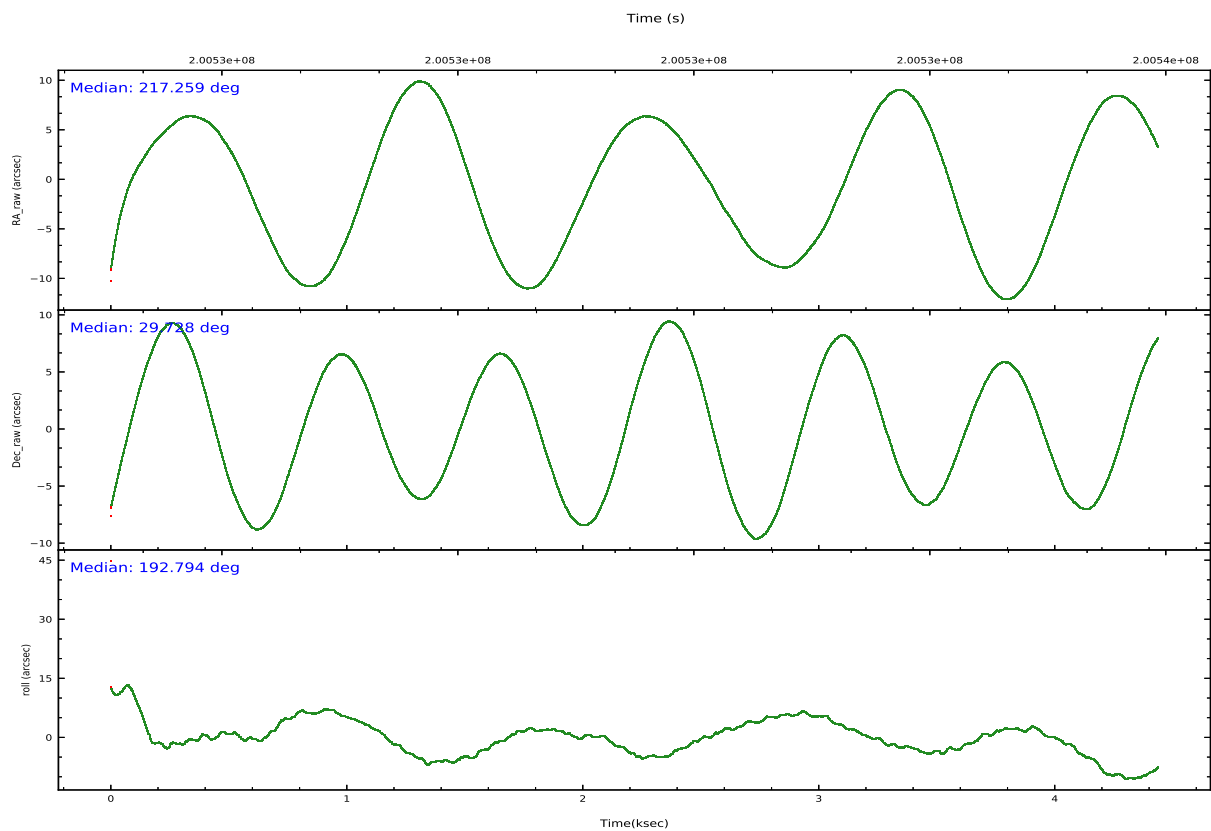
	ccd 7
grade 0 events	1683
	3%
grade 1 events	35
	0%
grade 2 events	3546
	8%
grade 3 events	1695
	3%
grade 4 events	1626
	3%
grade 5 events	4126
	9%
grade 6 events	9817
	22%
grade 7 events	21120
	48%

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	217.281178	217.26027376032	Subarray requested	NONE	NONE
[deg] Pointing Dec	29.746811	29.731407131899	Alternating exposures requested	N	N
[deg] Pointing Roll	192.630870	192.79416881623	[s] Primary exposure time	0.000000	3
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.001444936568705701			
[mm] SIM translation stage pos	-190.132523	-190.1400660498719			
[mm] SIM translation stage offset	0	0.00754346686406393			
[s] Observation start time (MET)	200530968.184000	200529881.16509			
Observation start date	2004-05-09T23:01:44	2004-05-09T22:44:41			
[s] Observation end time (MET)	200534968.184000	200535141.97782			
Observation end date	2004-05-10T00:08:24	2004-05-10T00:12:21			
Read mode	TIMED	TIMED			

2.3 Aspect



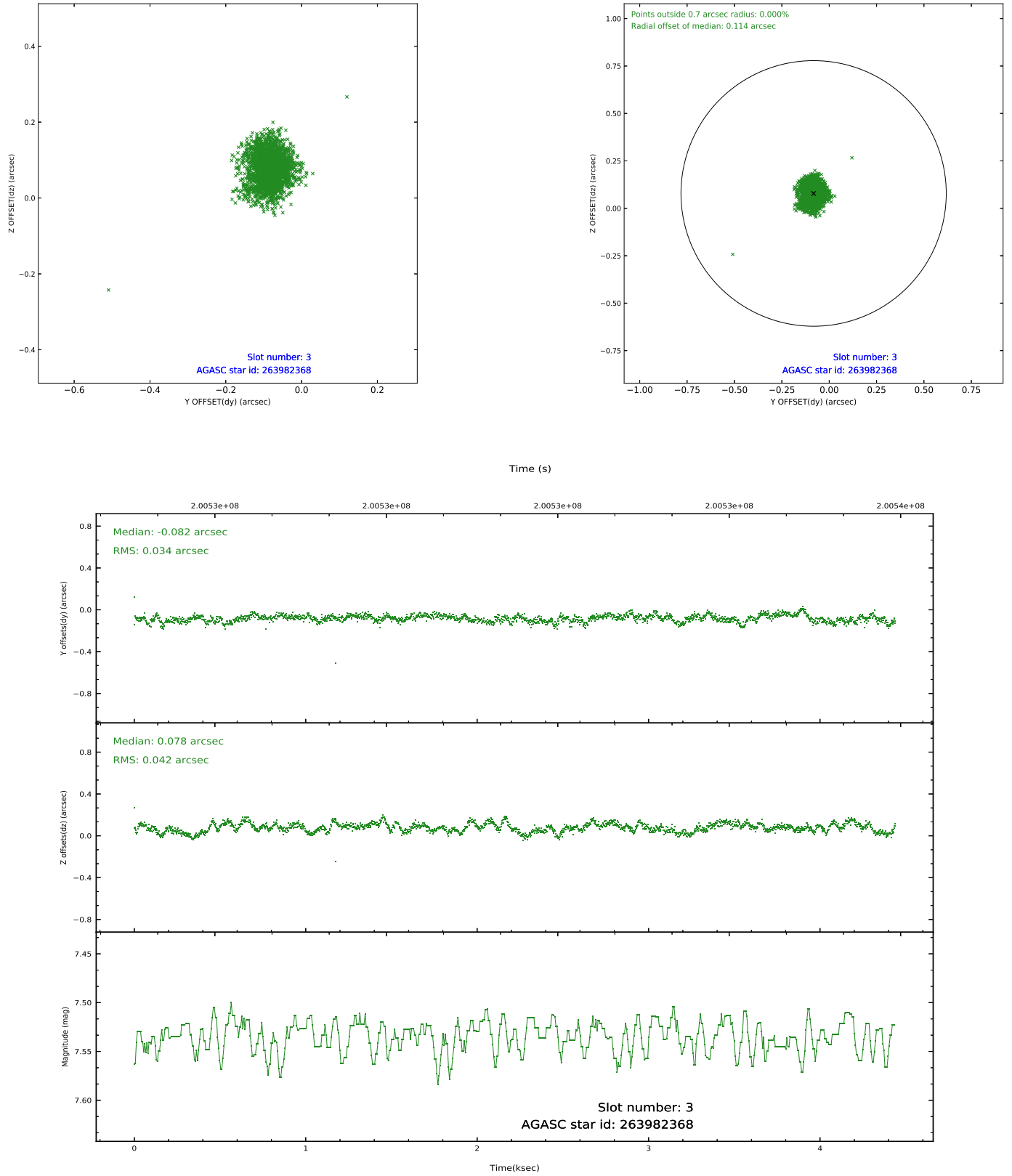


Slot Statistics

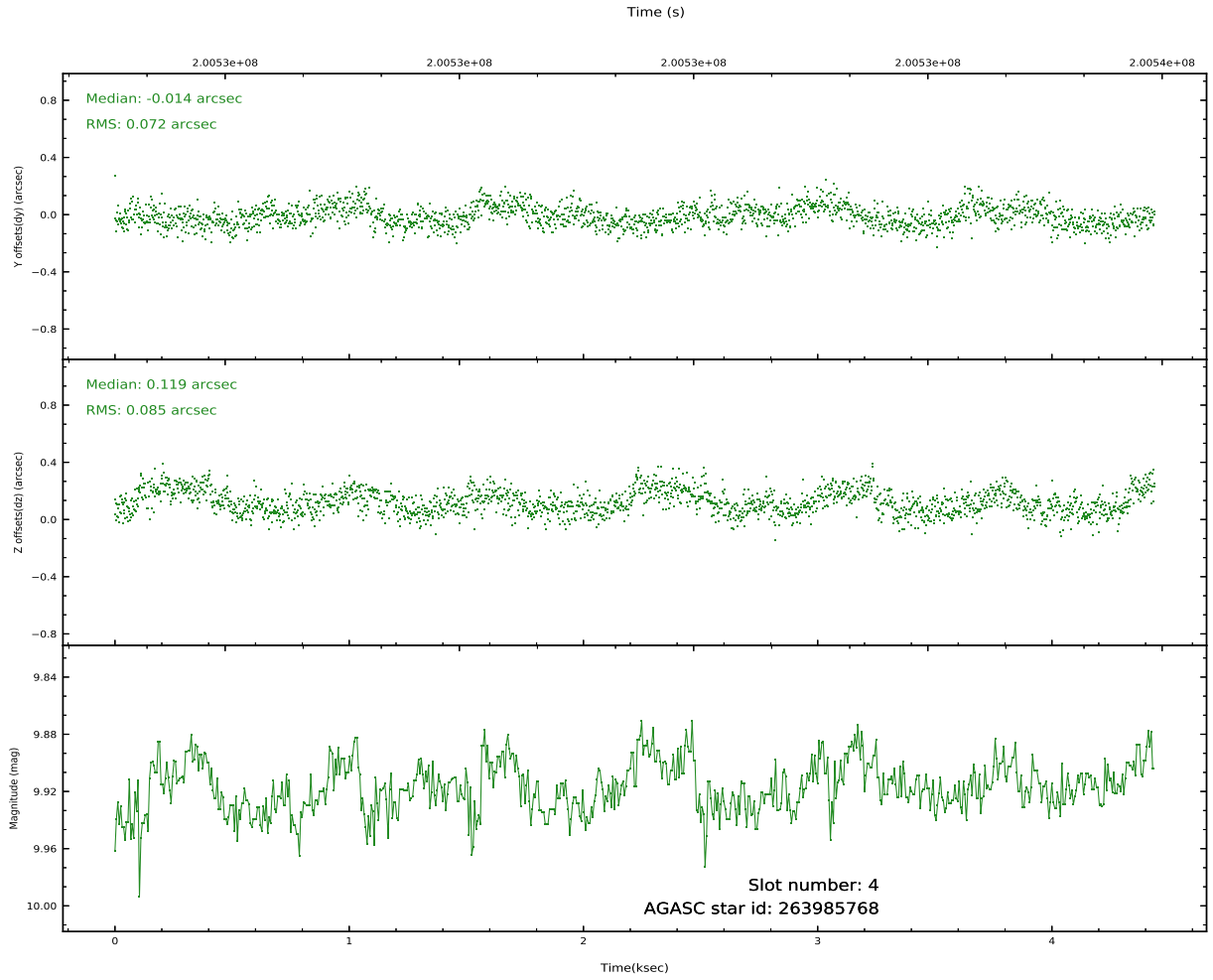
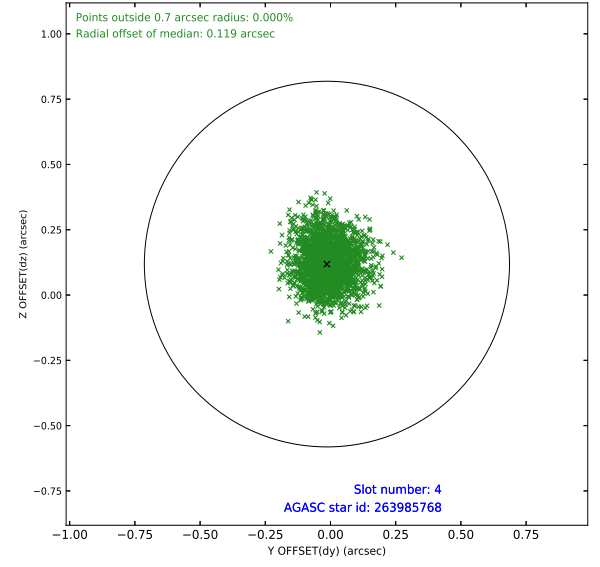
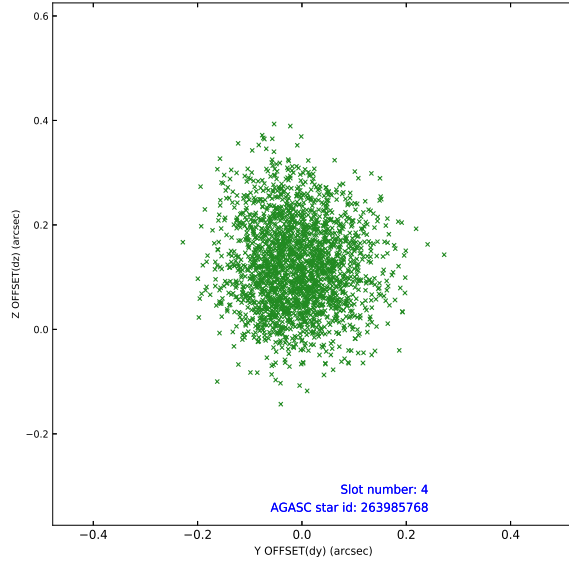
pt	status	used	id	mag	n_pts	frac_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mea
0	FID		ACIS-S-1	7.18	1083	1.000	0.006	-0.070	0.007	0.012	0.000000	0.000000	935.92	-1727
1	FID		ACIS-S-4	7.20	1083	1.000	0.114	0.050	0.006	0.011	0.000000	0.000000	2154.16	175
2	FID		ACIS-S-5	7.23	1083	1.000	-0.147	0.033	0.006	0.012	0.000000	0.000000	-1811.36	170
3	GUIDE	used	263982368	7.53	2166	1.000	-0.082	0.078	0.056	0.090	216.994811	29.263912	1257.95	1499
4	GUIDE	used	263985768	9.92	2159	1.000	-0.014	0.119	0.118	0.191	217.136984	29.914981	308.02	-687
5	GUIDE	used	263986112	9.97	2165	1.000	0.132	-0.247	0.110	0.179	216.905902	29.652155	1220.71	73
6	GUIDE	used	264904288	10.04	2162	1.000	-0.065	0.038	0.111	0.185	217.760081	29.622779	-1364.49	760
7	GUIDE	used	334634936	9.82	2102	1.000	0.025	0.012	0.110	0.177	216.742666	30.165158	1305.95	-1839

2.4 Star Slots

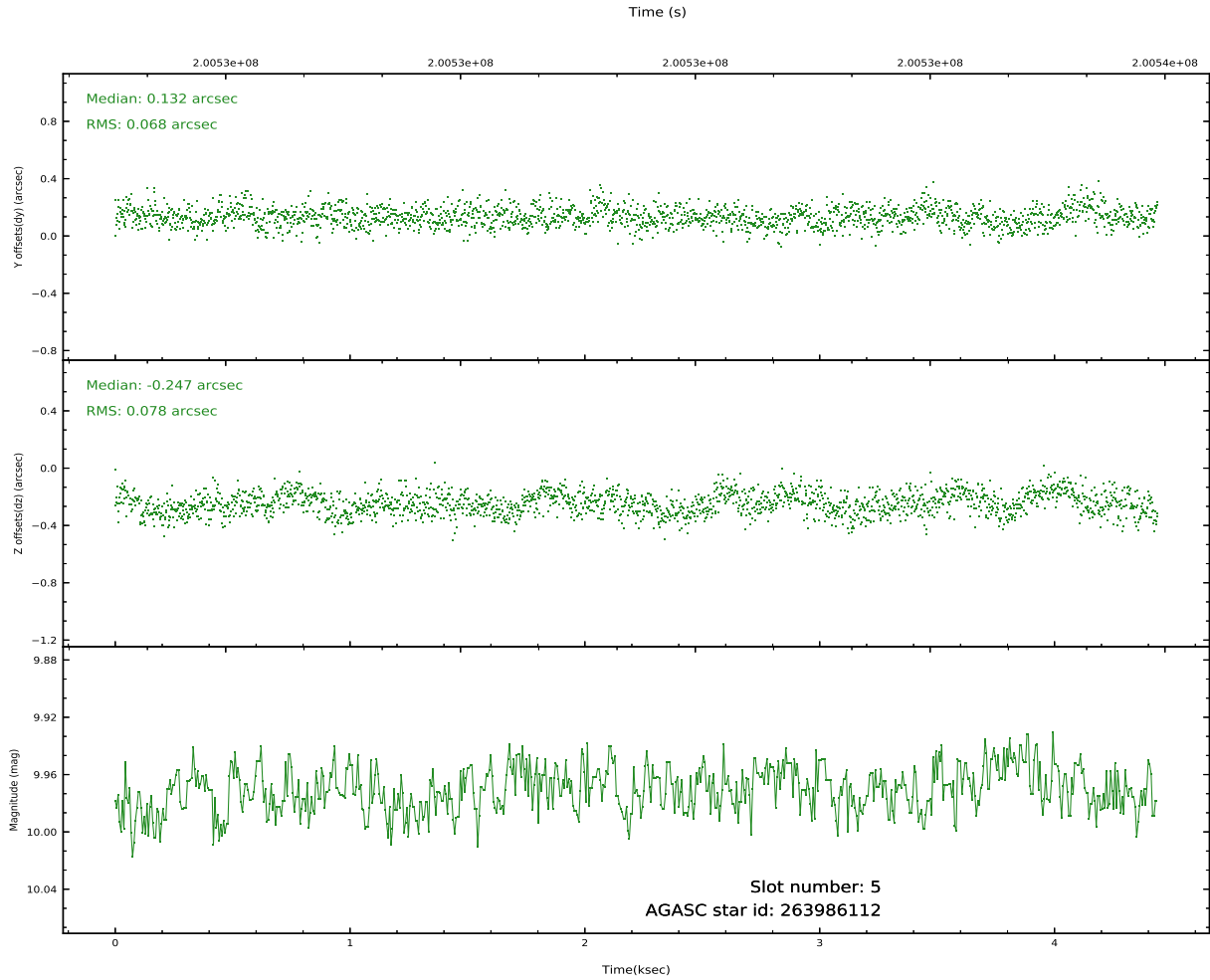
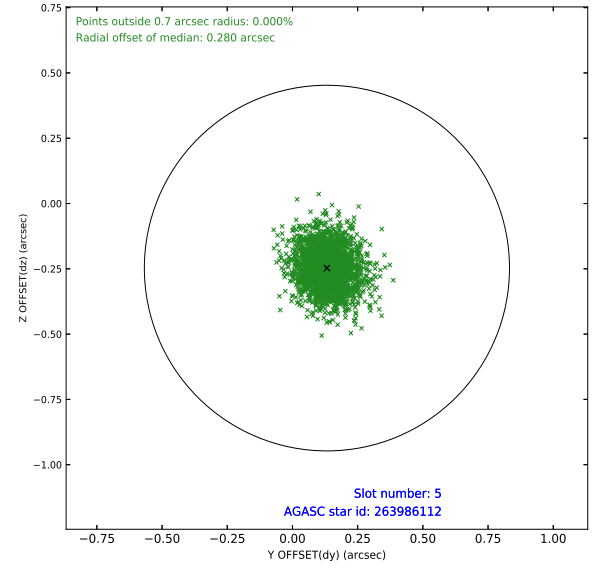
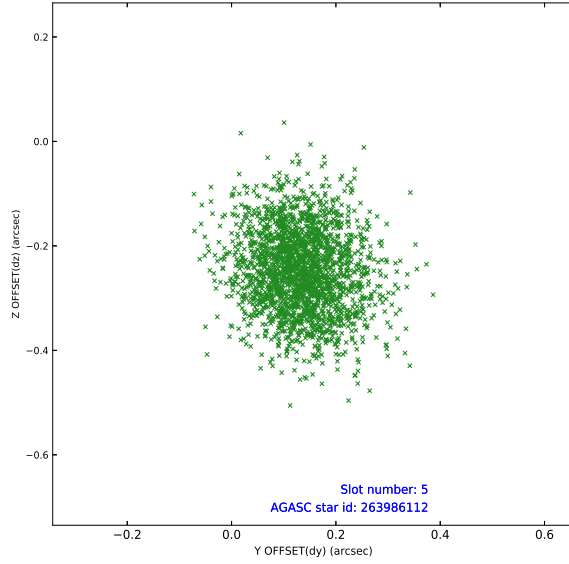
2.4.1 Slot 3



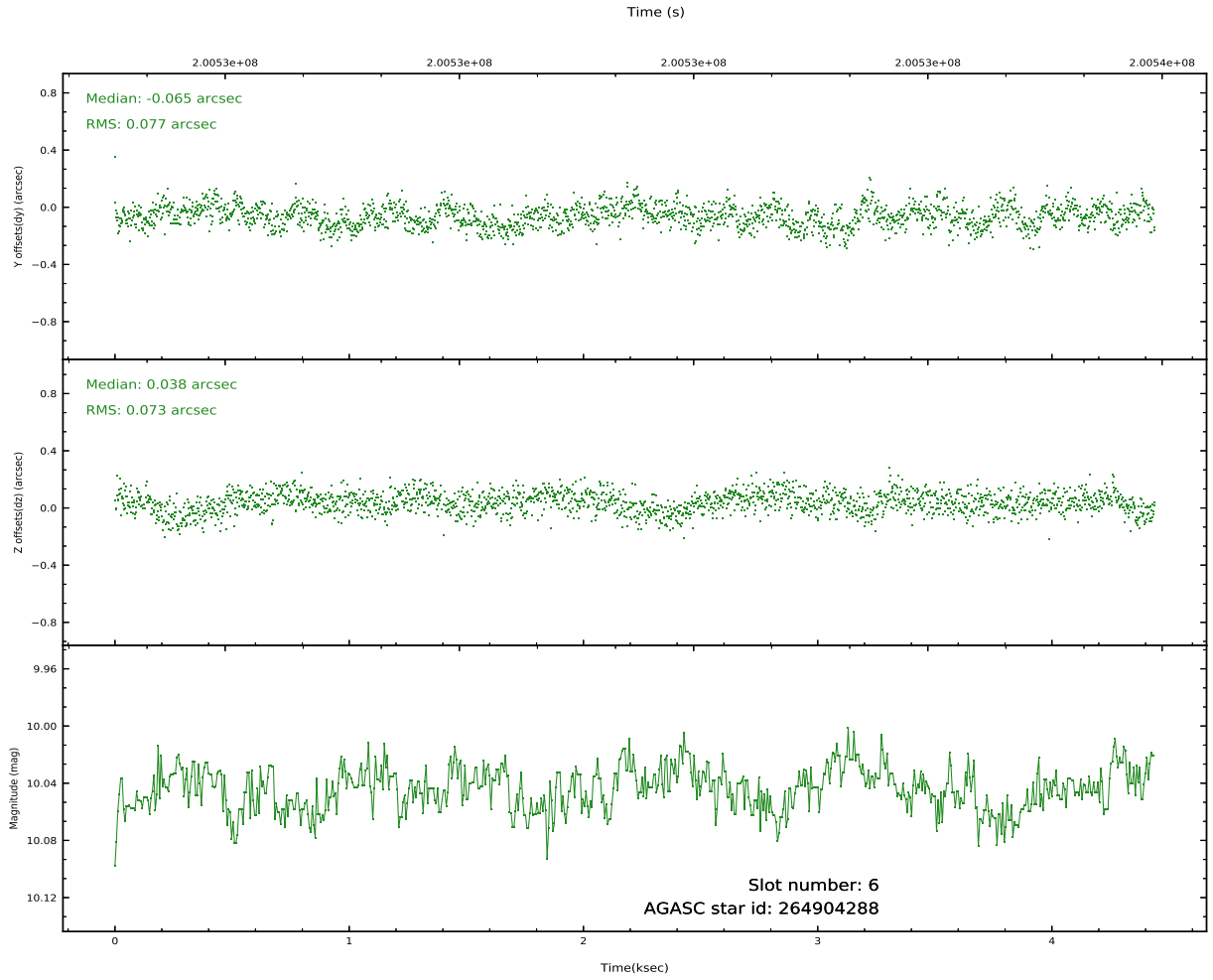
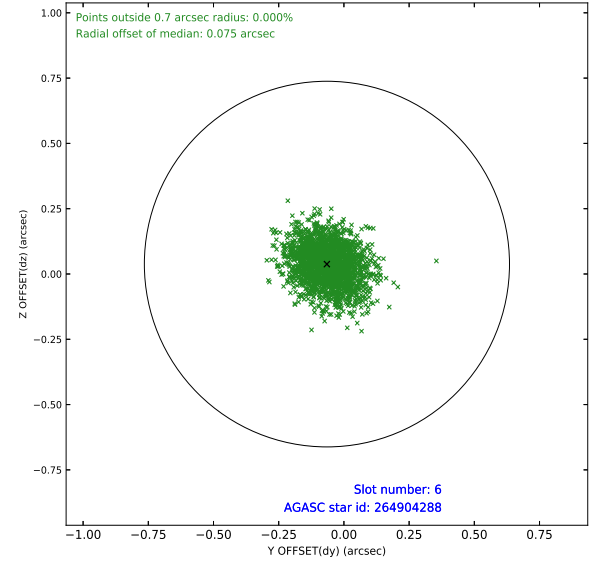
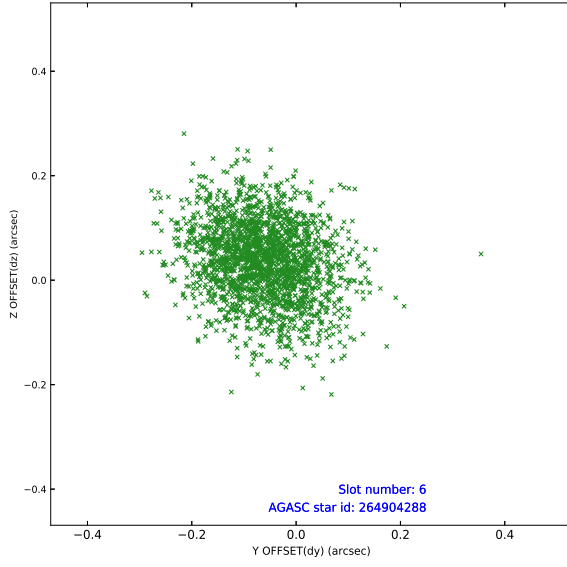
2.4.2 Slot 4



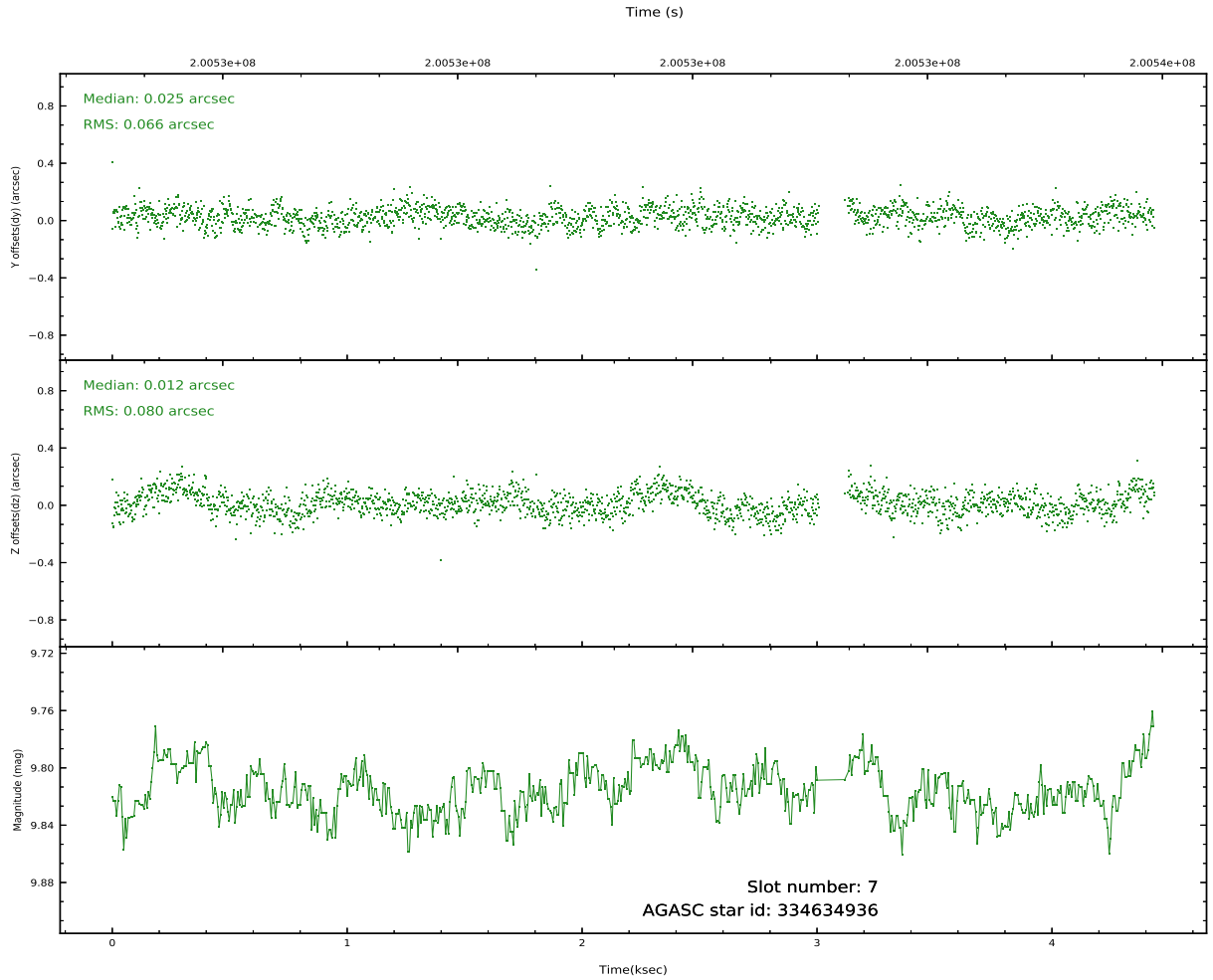
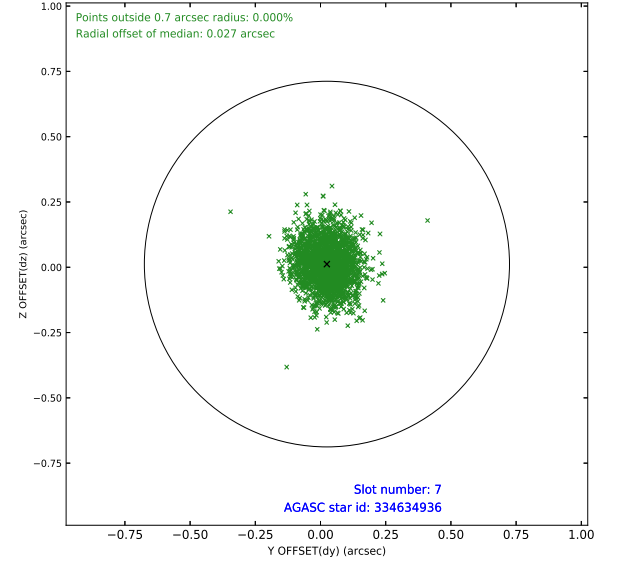
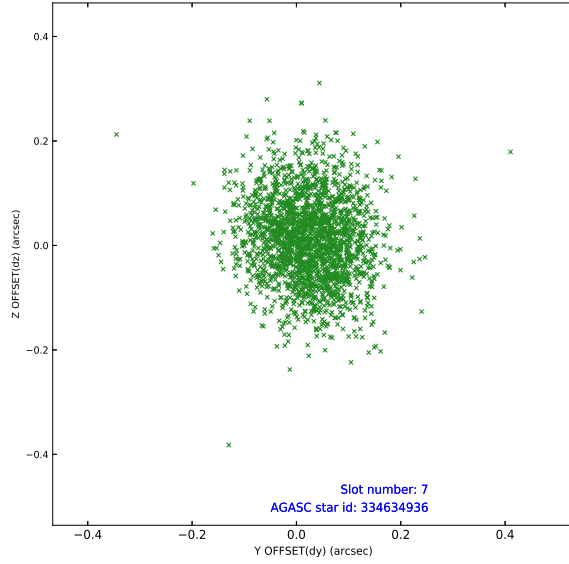
2.4.3 Slot 5



2.4.4 Slot 6

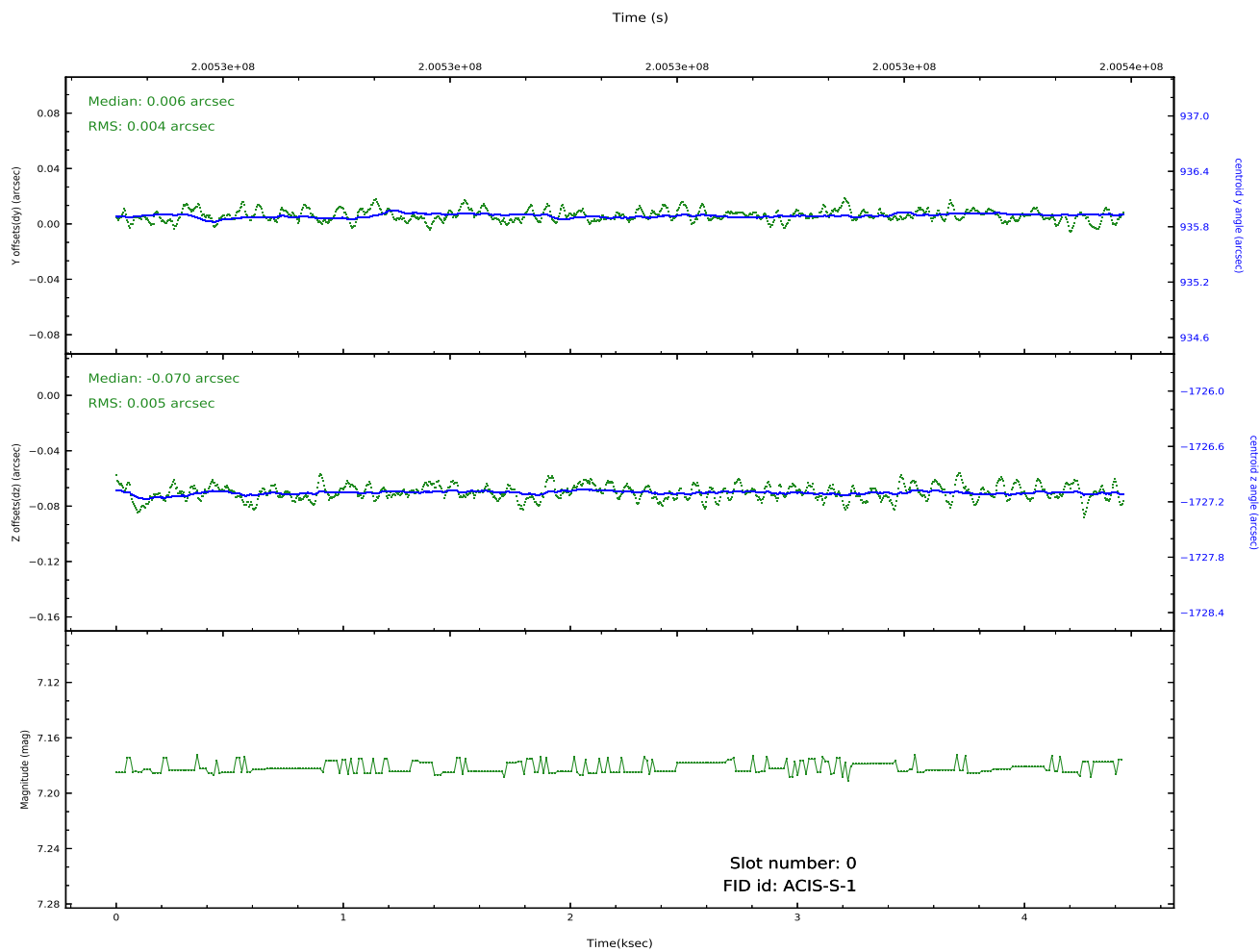
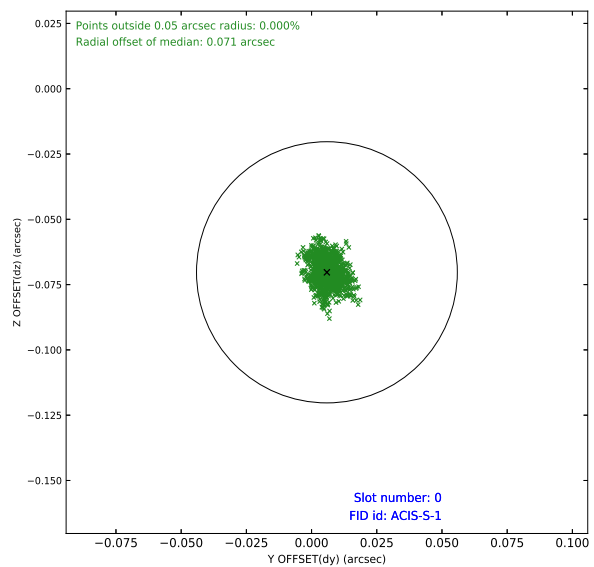
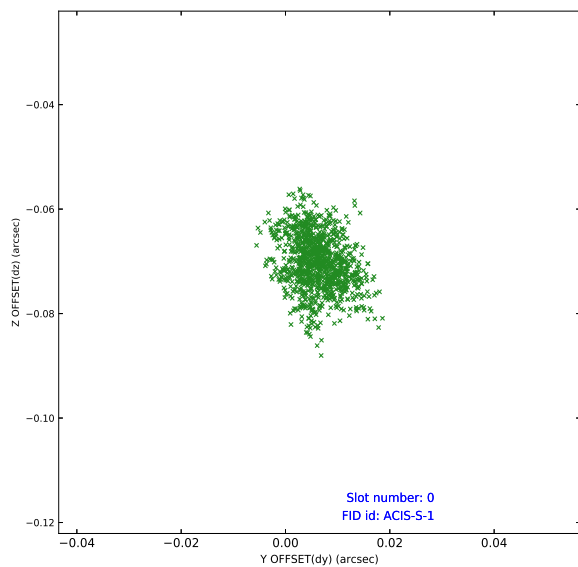


2.4.5 Slot 7

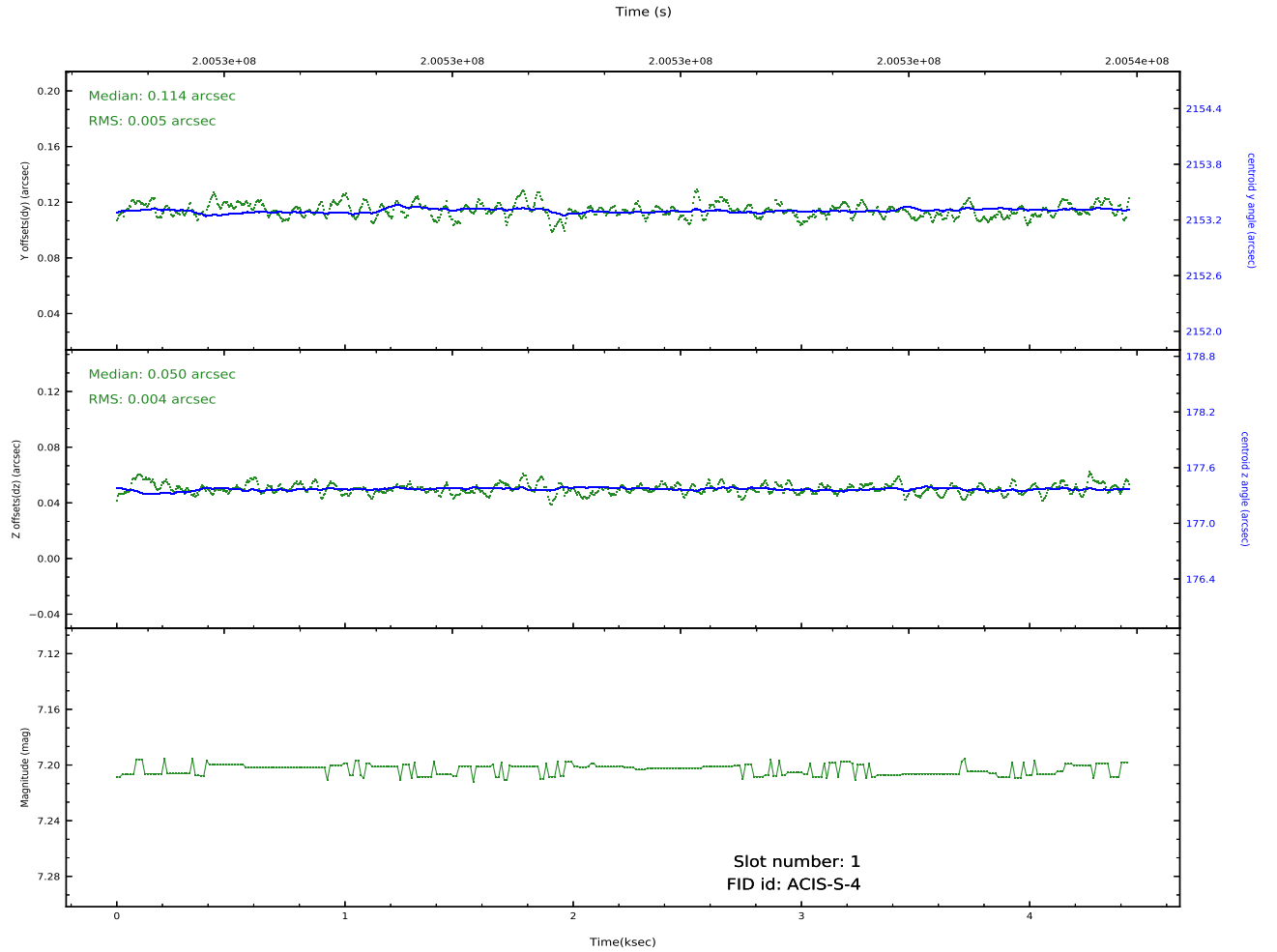
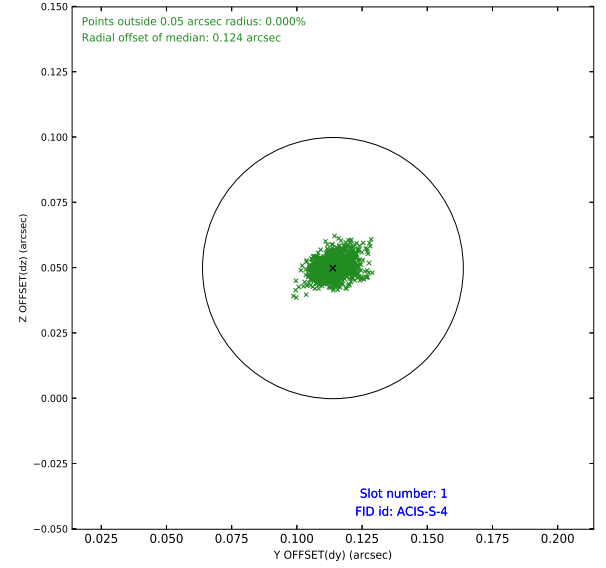
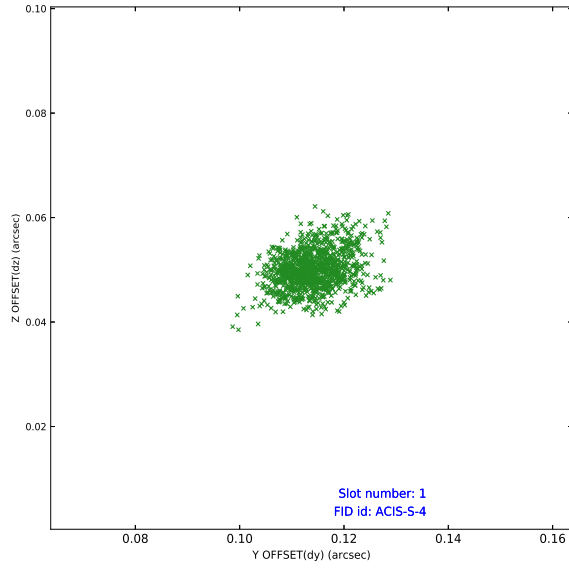


2.5 FID Slots

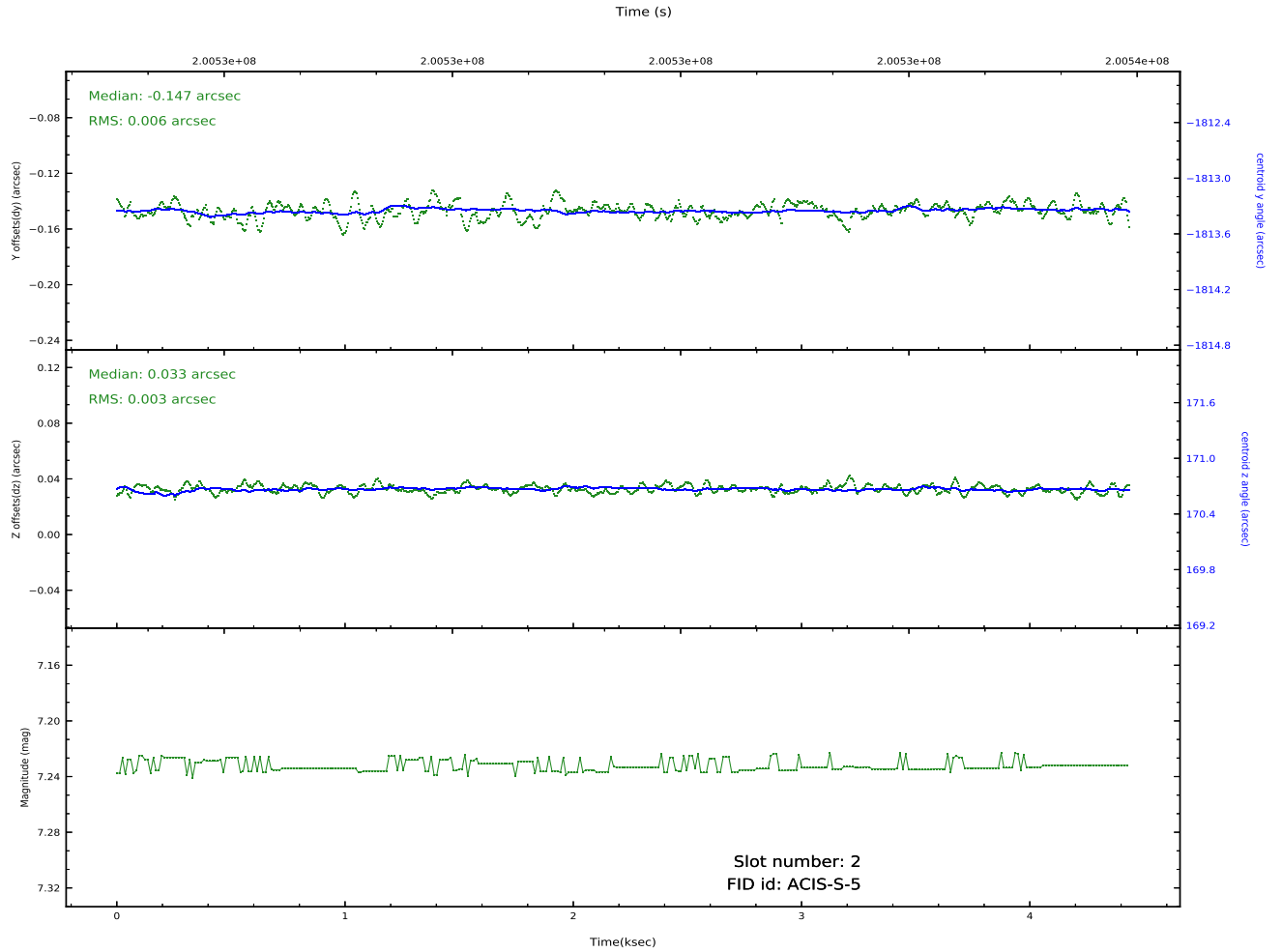
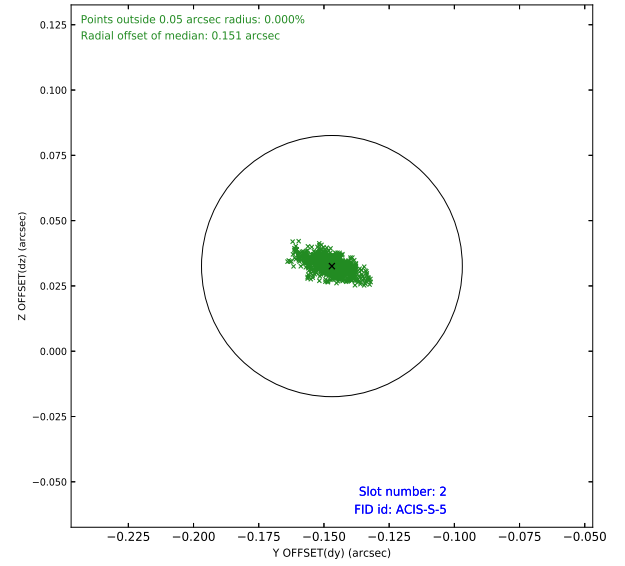
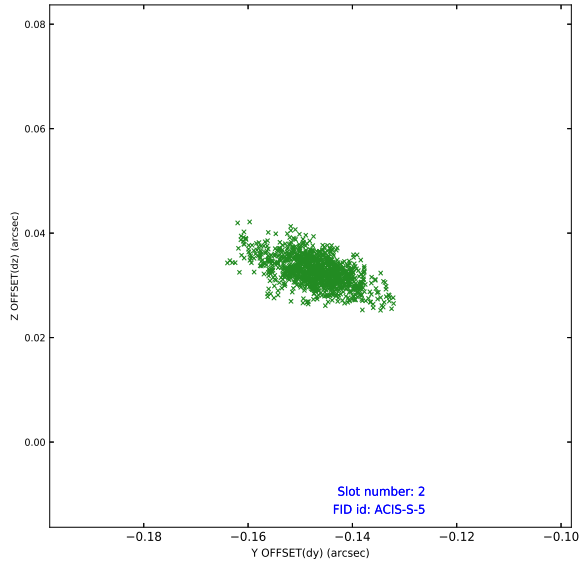
2.5.1 Slot 0



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)	2020.09.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.434

A.2 Comments