

V&V Reference Report

L2 ASCDS Version : 10.9.1

Observation 4781 - L2 Version 4
Chandra X-Ray Center

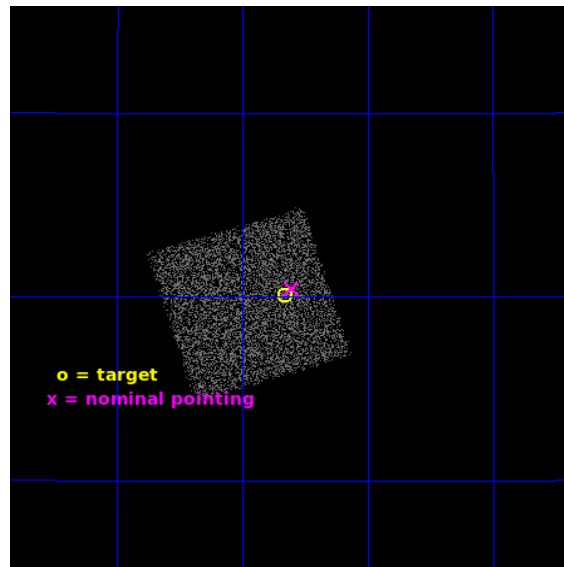
L2 Processing Date : Sep 24 2020

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1 Front

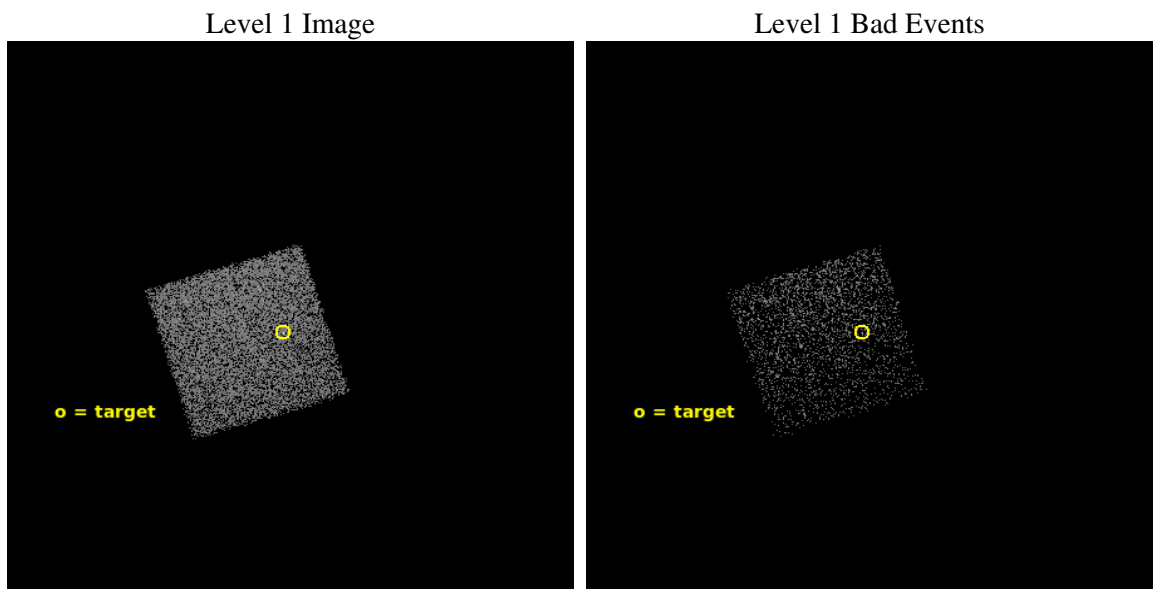
seq_num	700864	Sequence number
obs_id	4781	Observation id
title	Anchoring the AGN X-ray Luminosity Function	Proposal title
observer	Dr. JOHN SALZER	Principal investigator
object	KISS F1350-4593	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	207.582083	Observer's specified target RA [deg]
dec_targ	29.167556	Observer's specified target Dec [deg]
ra_nom	207.57548462328	Nominal RA [deg]
dec_nom	29.173987415568	Nominal Dec [deg]
roll_nom	162.58694343748	Nominal Roll [deg]
revision	4	Processing version of data
ontime	2508.0	Sum of GTIs [s]
livetime	2474.1535790388	Livetime [s]
ontime7	2508.0	Sum of GTIs [s]
l2events	9618	Number of level 2 events



2 OBI

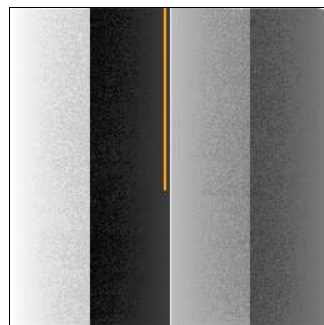
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	2000.000000	[s] Scheduled observation exposure time
ascdsver	10.9.1	Processing system revision	ontime	2508.0	Sum of GTIs [s]
caldsver	4.9.2	 	ontime7	2508.0	Sum of GTIs [s]
date	2020-09-25T01:13:16	Date and time of file creation	l1events	24659	Number of level 1 events
revision	4	Processing version of data			

2.1.4 Events

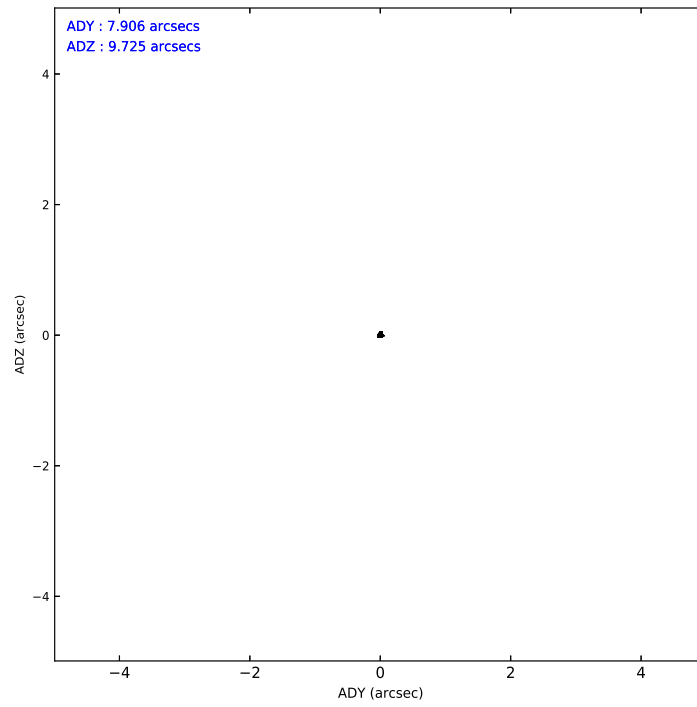
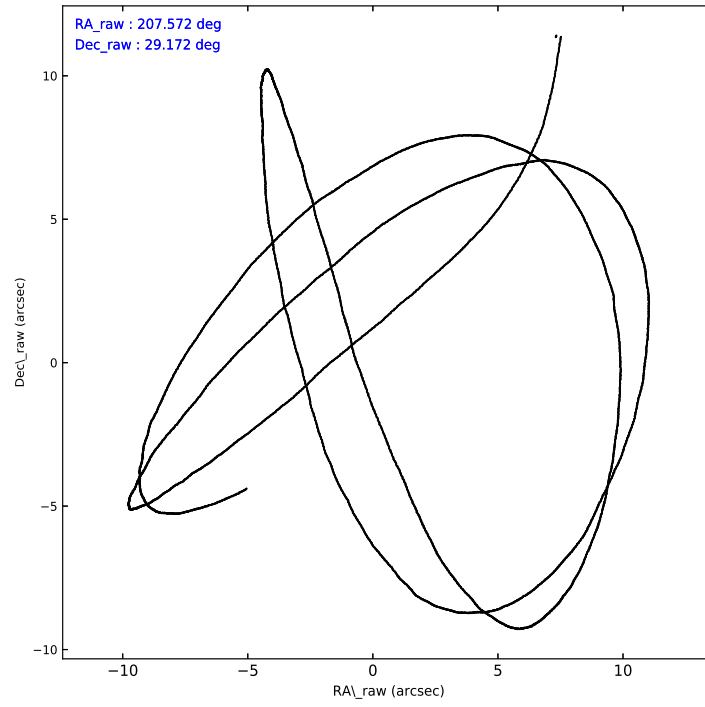
	ccd 7
level 1 events	24659
rejected events	14768
rejected %	59%

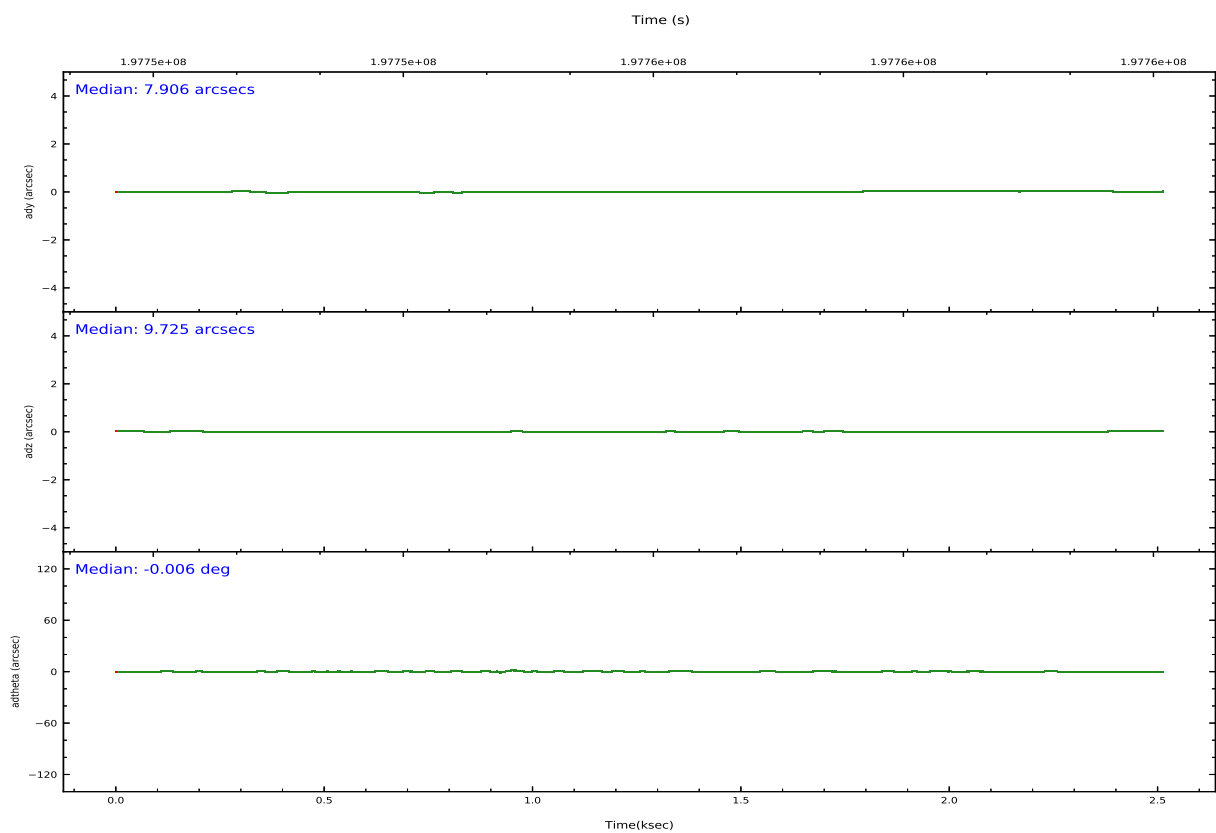
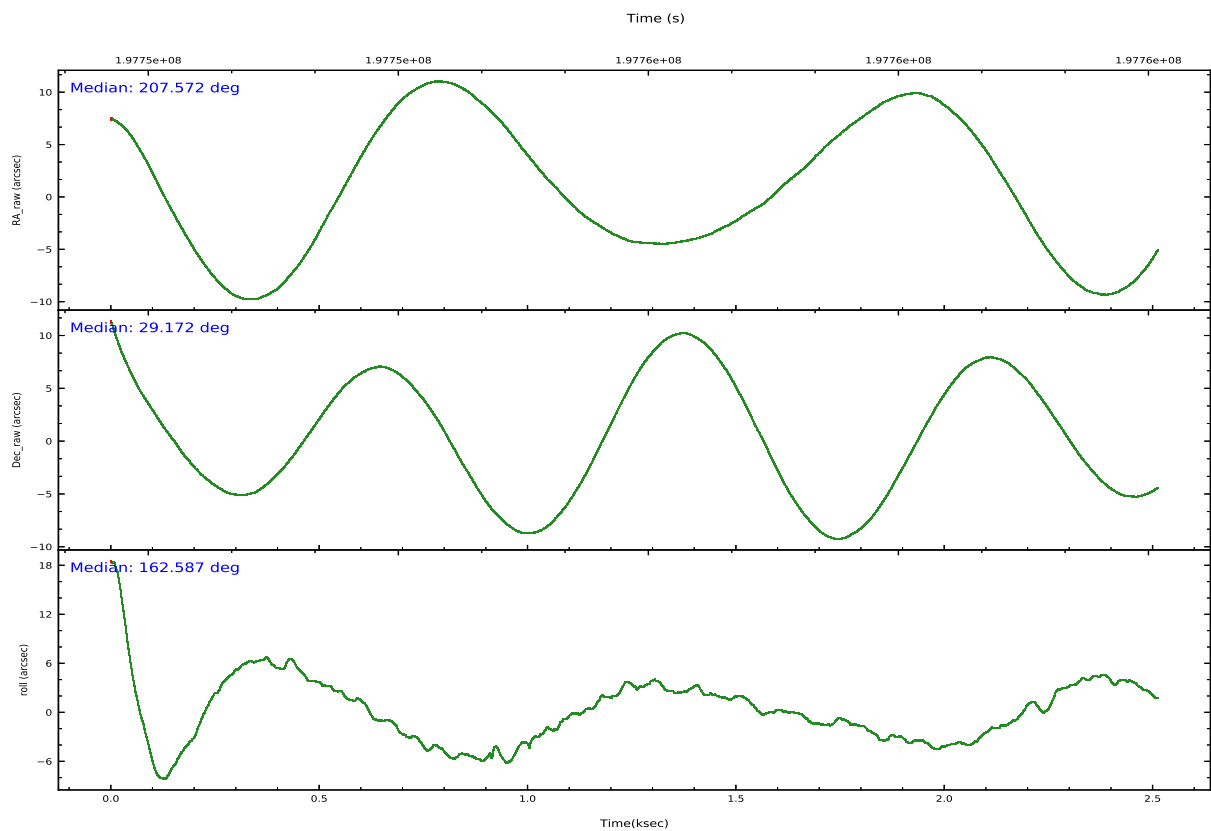
	ccd 7
grade 0 events	1043
	4%
grade 1 events	26
	0%
grade 2 events	2085
	8%
grade 3 events	981
	3%
grade 4 events	888
	3%
grade 5 events	2380
	9%
grade 6 events	5453
	22%
grade 7 events	11803
	47%

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	207.602602	207.57548462328	Subarray requested	NONE	NONE
[deg] Pointing Dec	29.178311	29.173987415568	Alternating exposures requested	N	N
[deg] Pointing Roll	162.415337	162.58694343748	[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	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	197754223.184000	197753100.18023			
Observation start date	2004-04-07T19:42:39	2004-04-07T19:25:00			
[s] Observation end time (MET)	197756223.184000	197757670.14293			
Observation end date	2004-04-07T20:15:59	2004-04-07T20:41:10			
Read mode	TIMED	TIMED			

2.3 Aspect



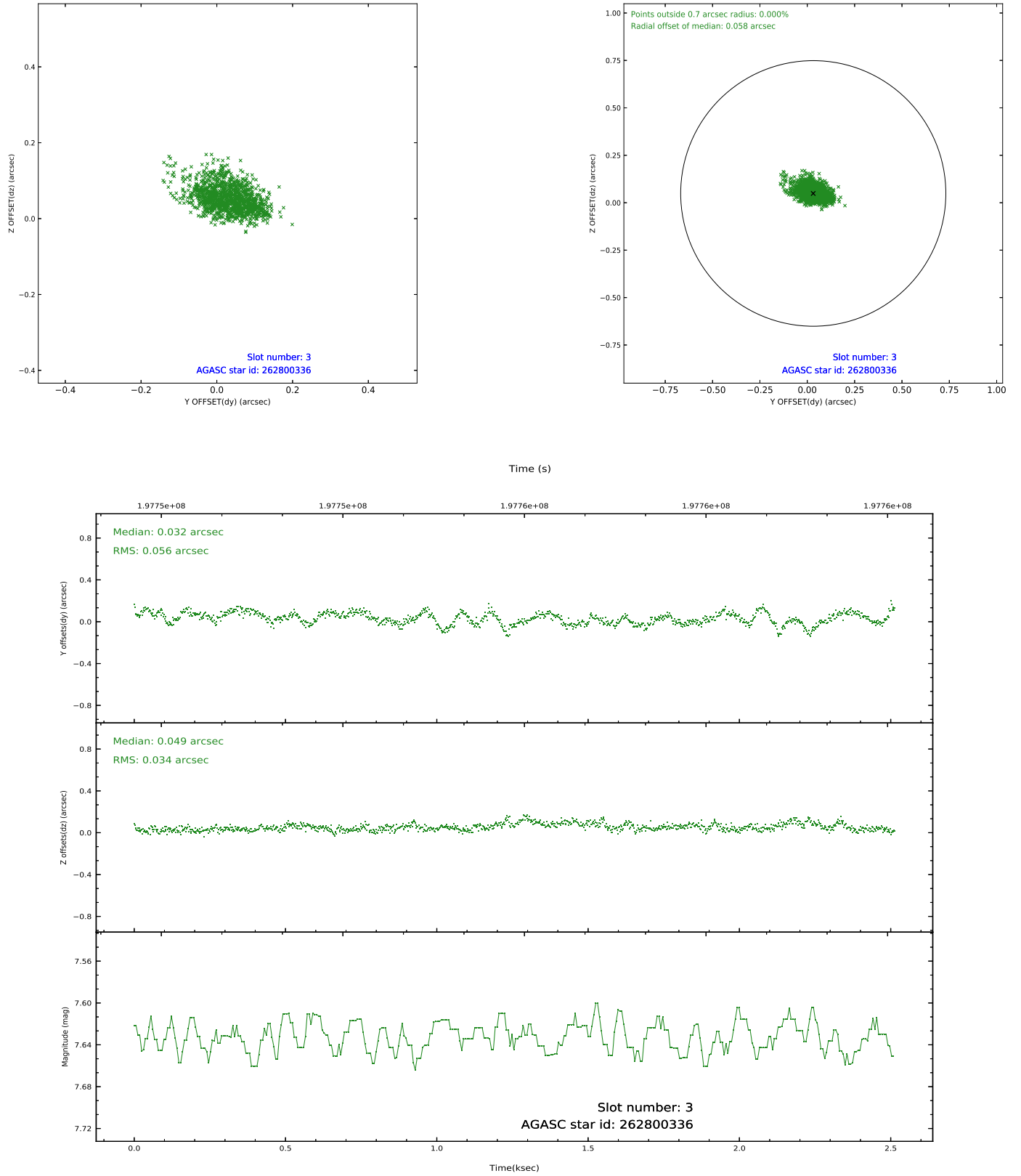


Slot Statistics

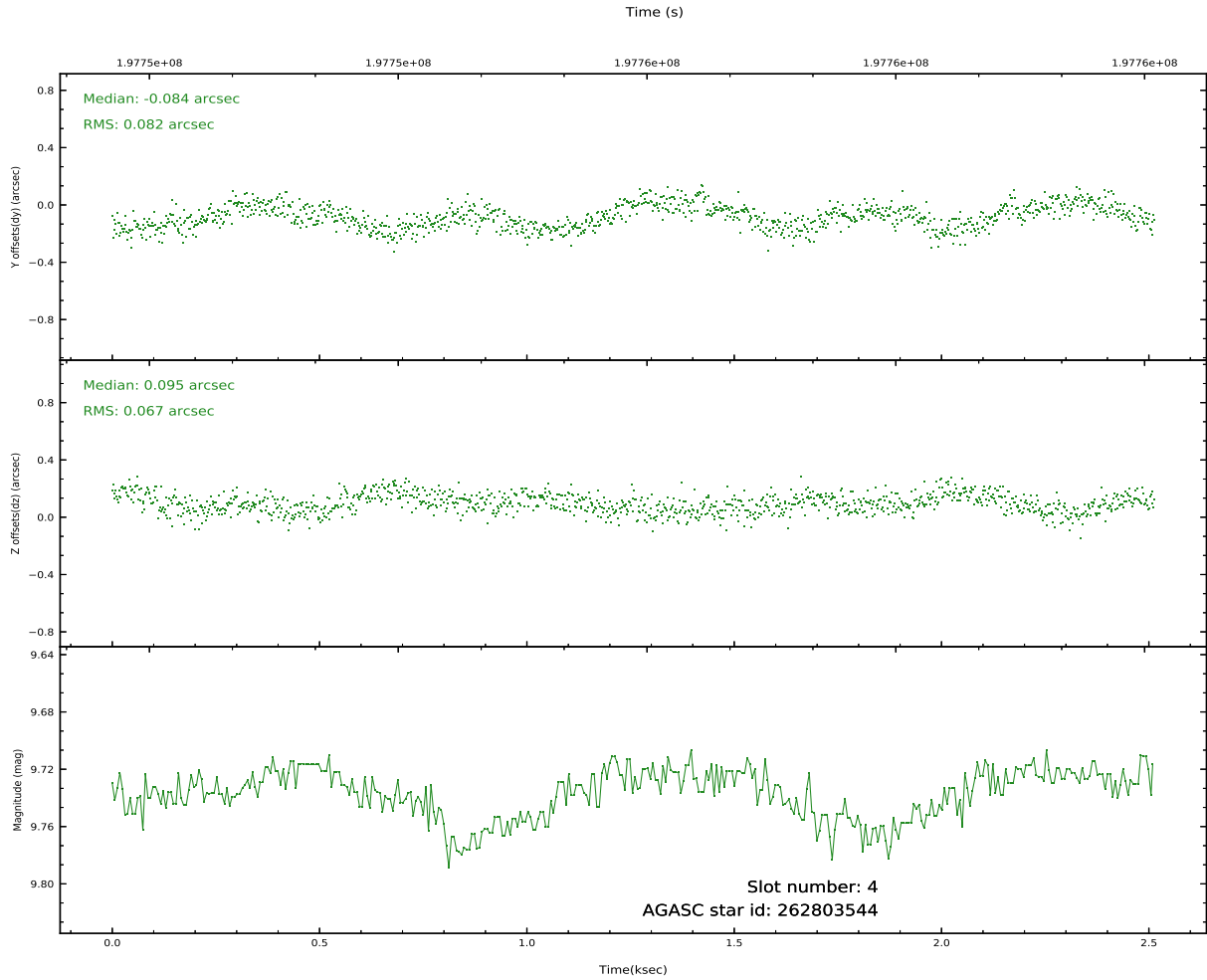
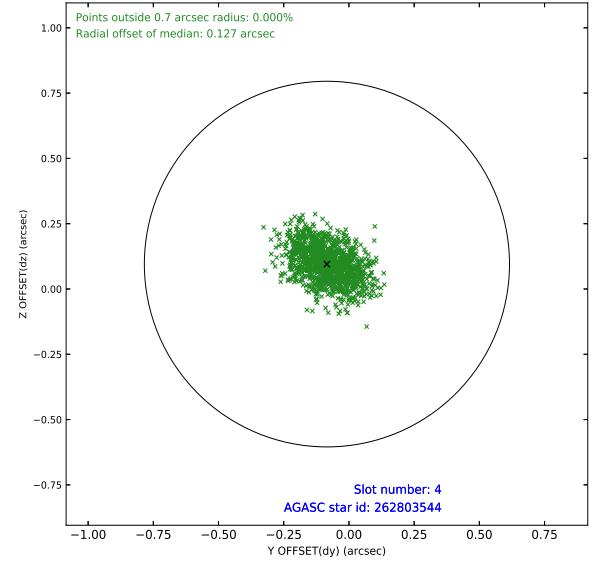
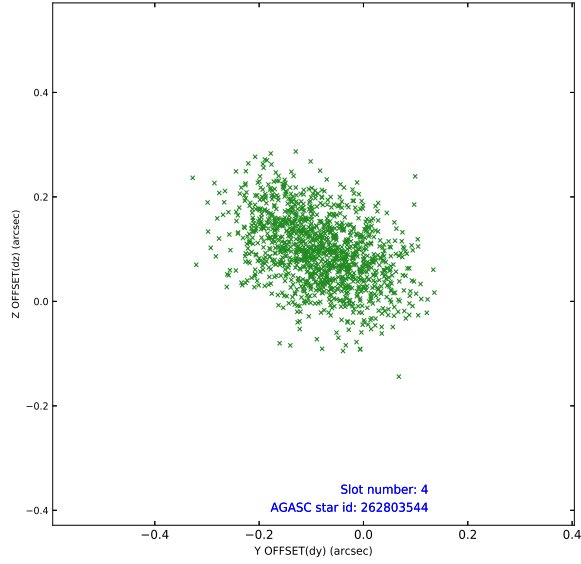
pt	status	used	id	mag	n_pts	frac_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mea
0	FID		ACIS-S-2	7.10	614	1.000	-0.063	-0.066	0.007	0.012	0.000000	0.000000	-760.69	-1731
1	FID		ACIS-S-4	7.21	614	1.000	0.154	0.048	0.006	0.011	0.000000	0.000000	2151.57	175
2	FID		ACIS-S-5	7.24	614	1.000	-0.122	0.027	0.007	0.012	0.000000	0.000000	-1810.35	171
3	GUIDE	used	262800336	7.63	1227	1.000	0.032	0.049	0.067	0.111	207.134957	29.861227	2135.20	-1905
4	GUIDE	used	262803544	9.73	1226	1.000	-0.084	0.095	0.114	0.187	208.056156	29.109679	-1432.46	-199
5	GUIDE	used	262805336	8.82	1227	1.000	0.031	0.115	0.067	0.105	207.518475	29.280395	361.43	-270
6	GUIDE	used	262806832	9.84	1224	1.000	0.036	-0.172	0.092	0.157	207.510511	29.165031	261.65	132
7	GUIDE	used	262807640	9.75	1225	1.000	-0.006	-0.086	0.127	0.209	207.482438	29.079812	253.01	452

2.4 Star Slots

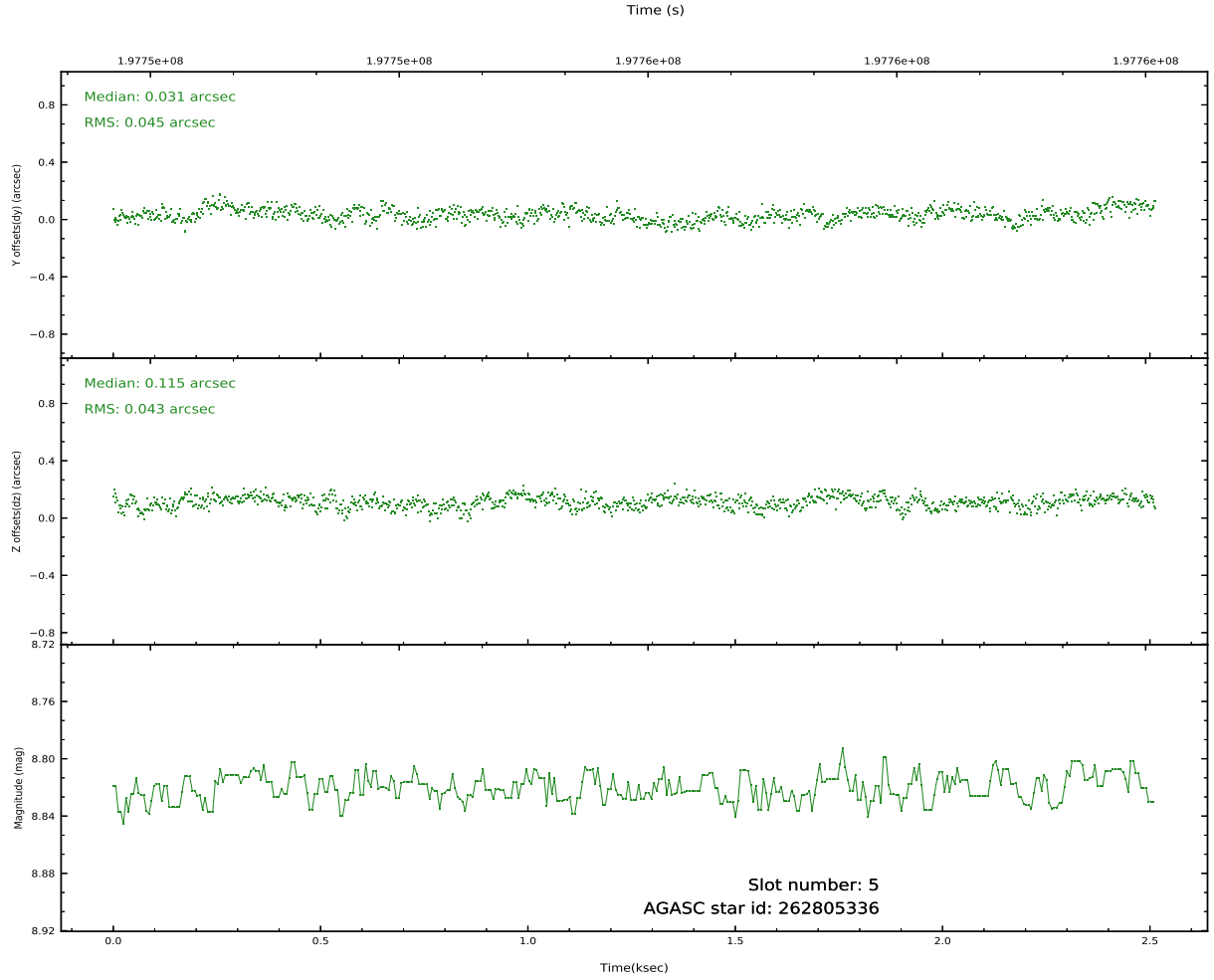
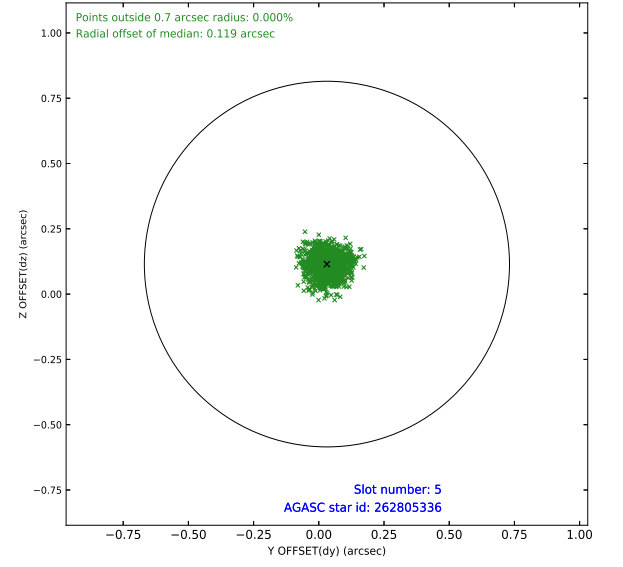
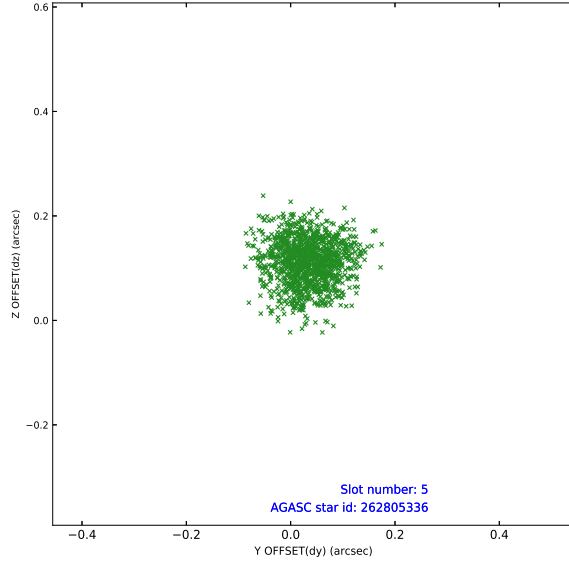
2.4.1 Slot 3



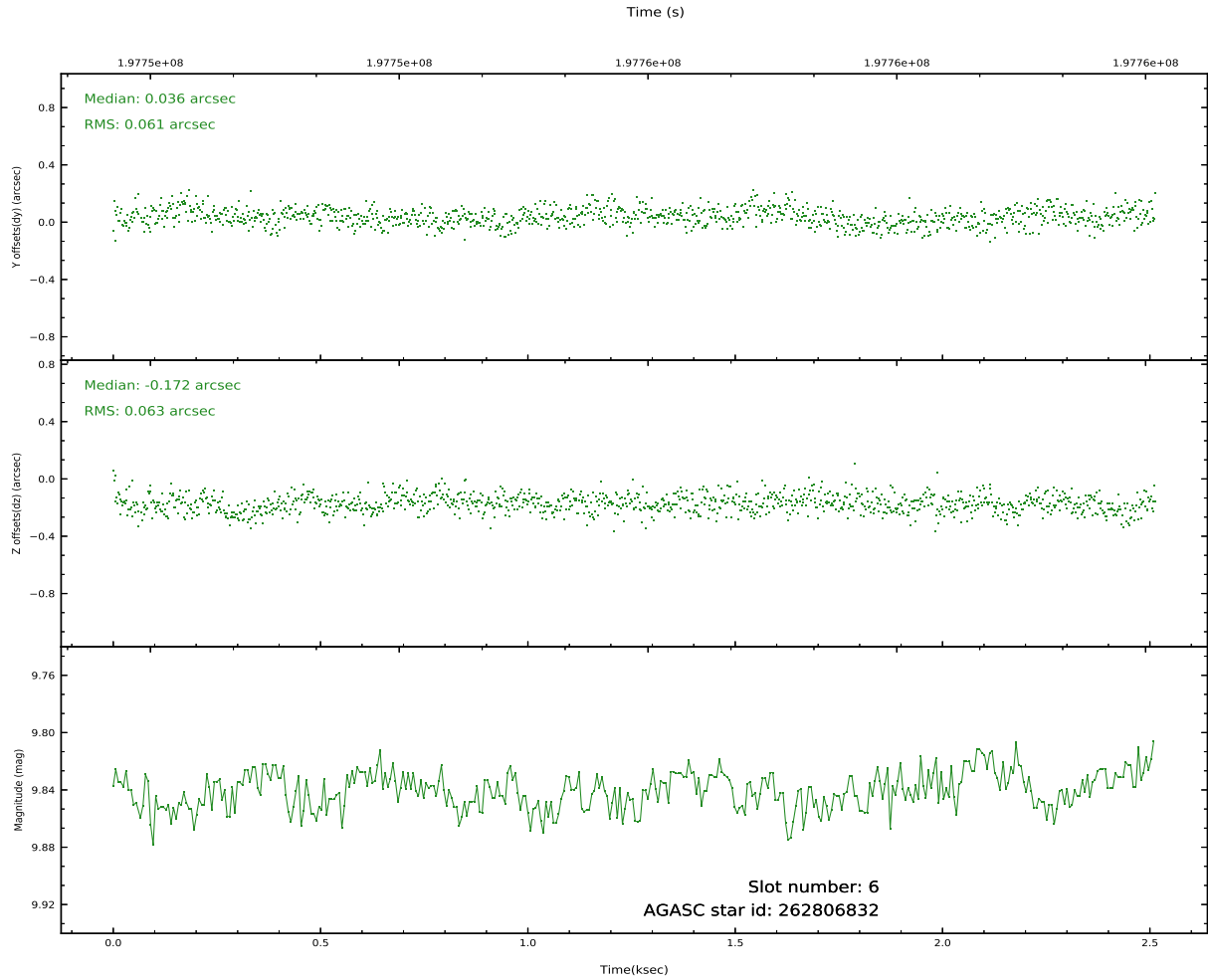
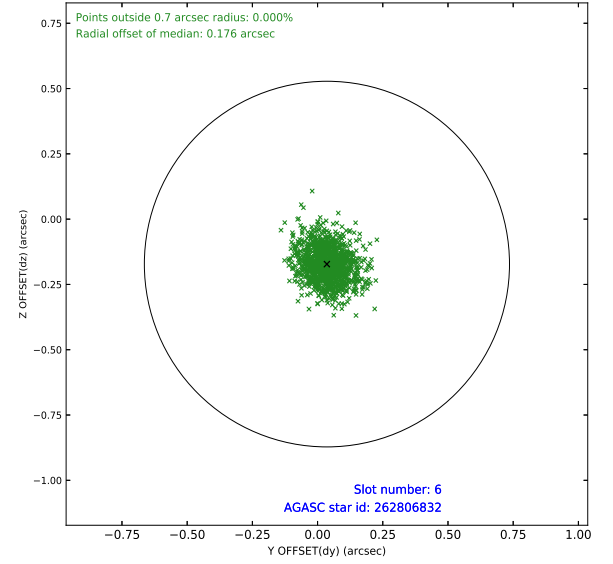
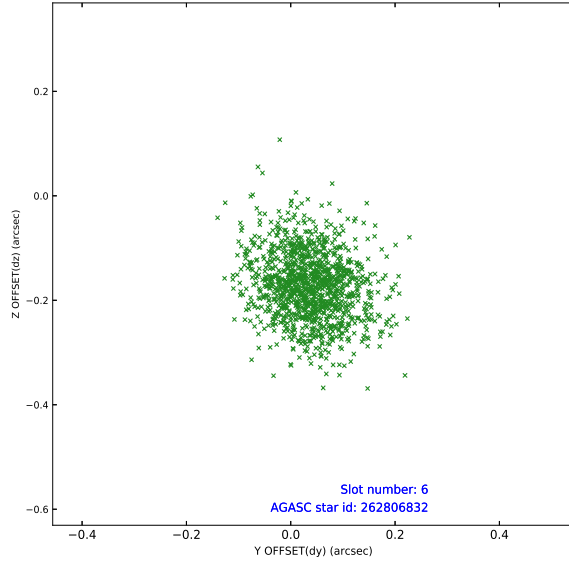
2.4.2 Slot 4



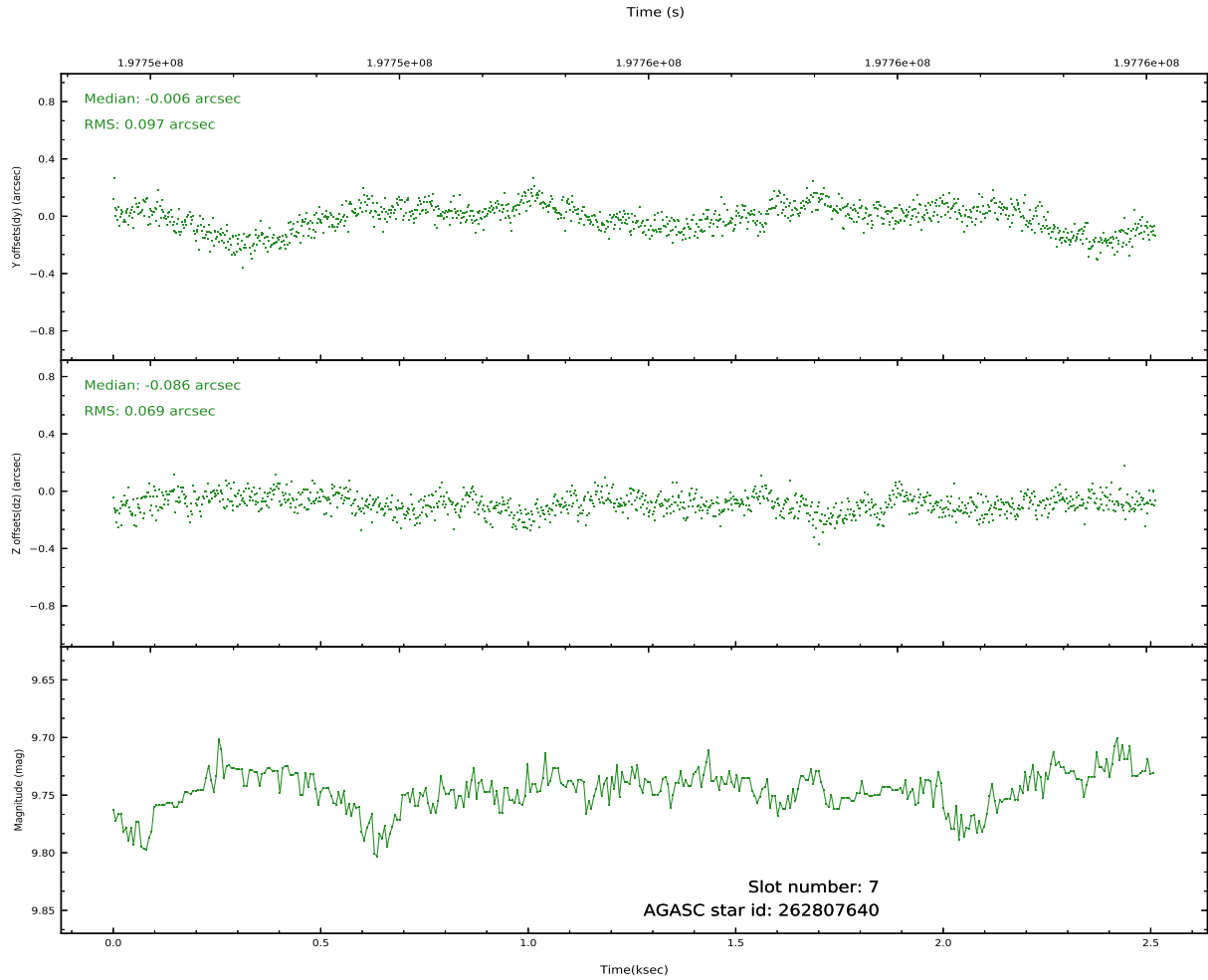
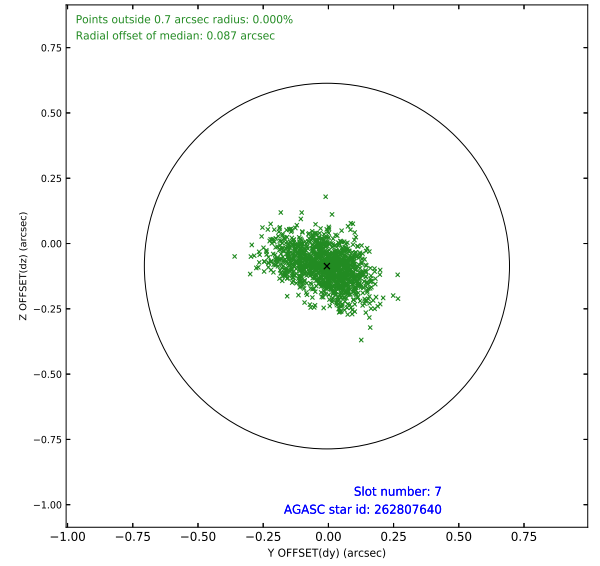
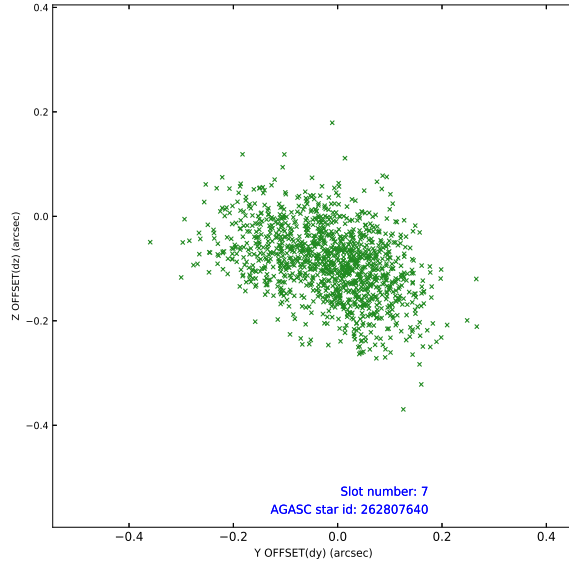
2.4.3 Slot 5



2.4.4 Slot 6

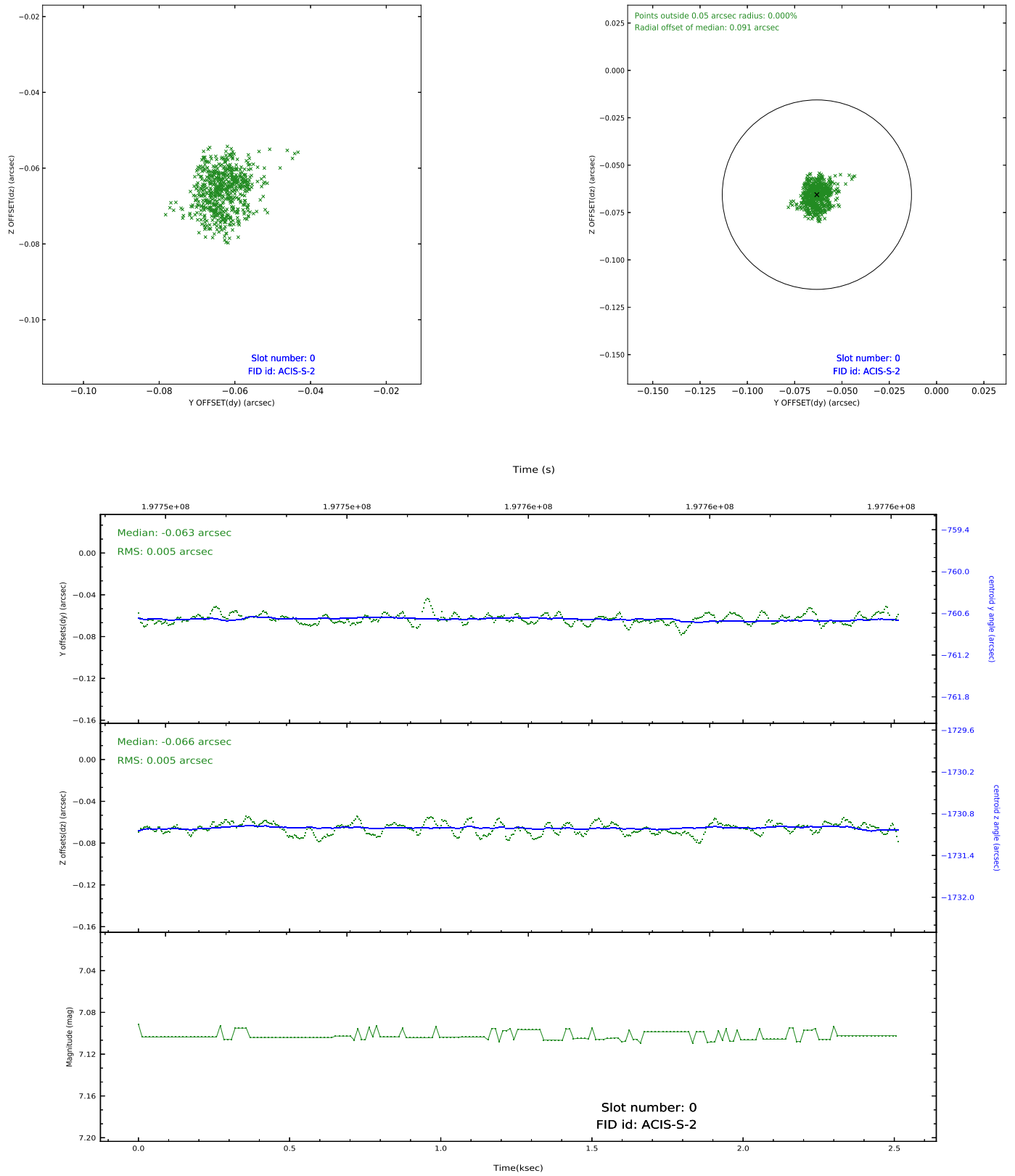


2.4.5 Slot 7

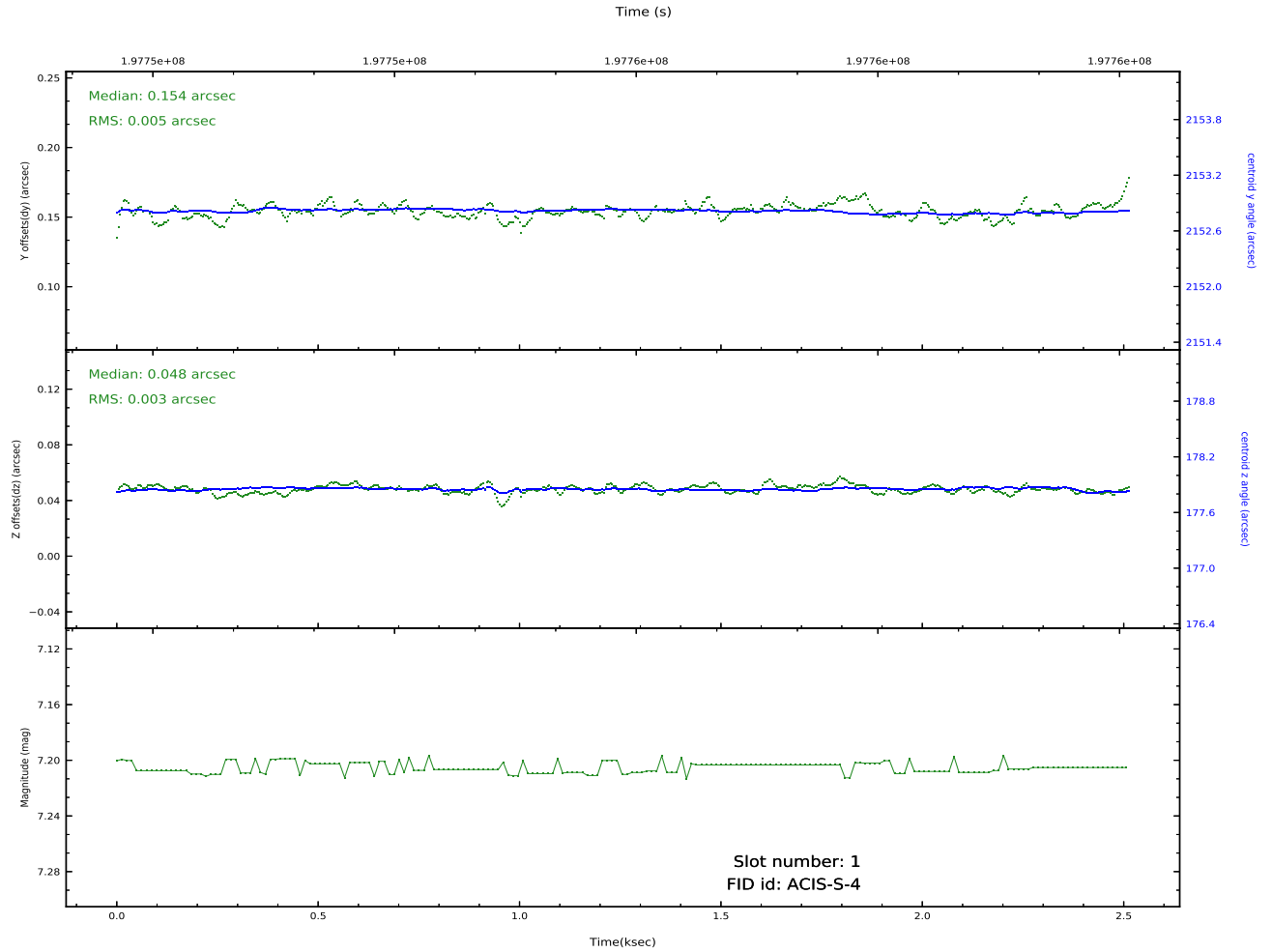
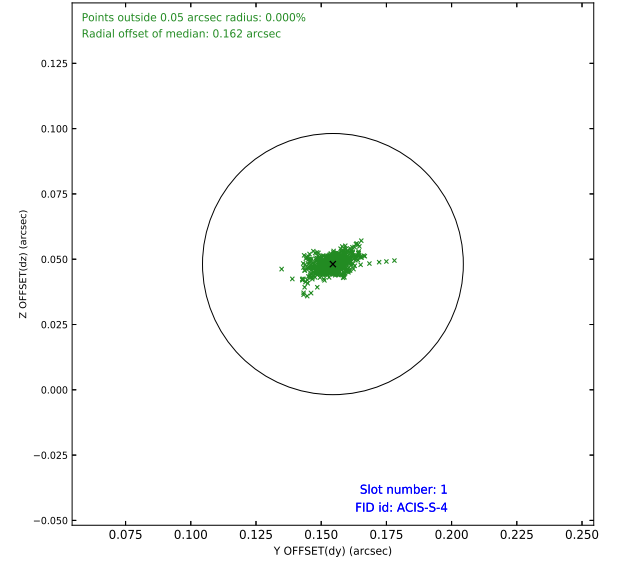
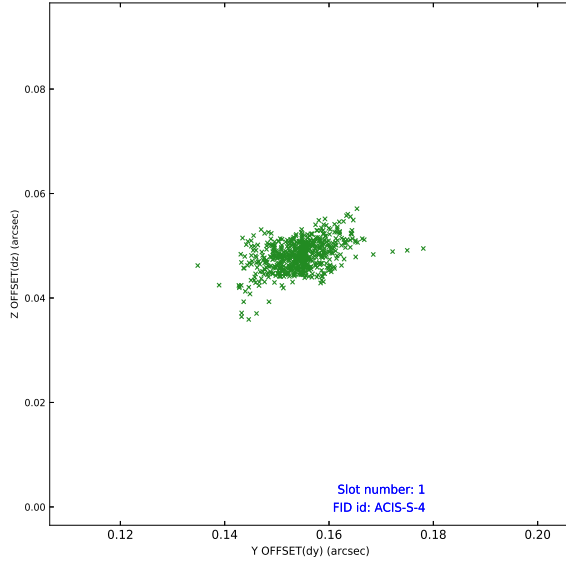


2.5 FID Slots

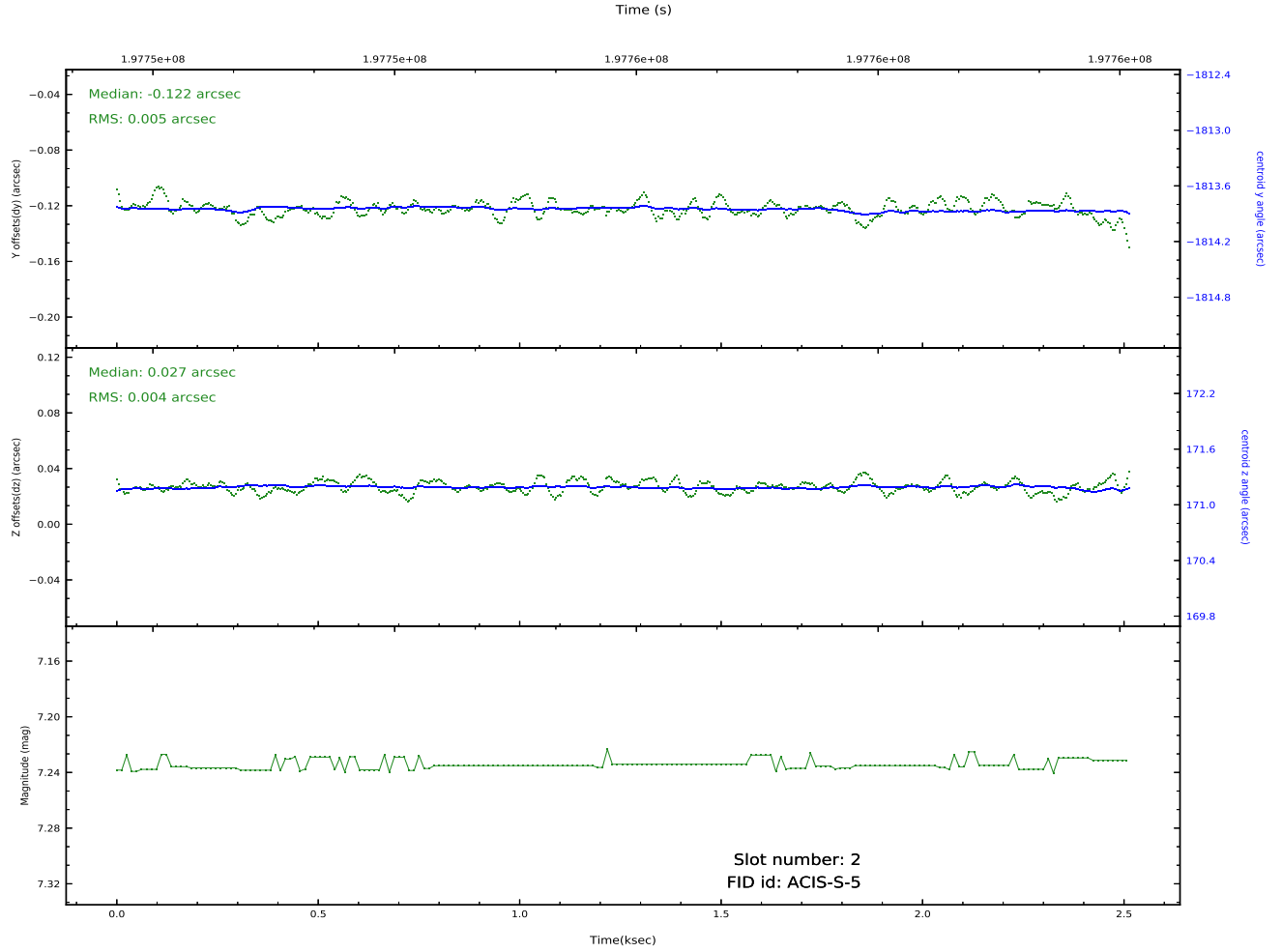
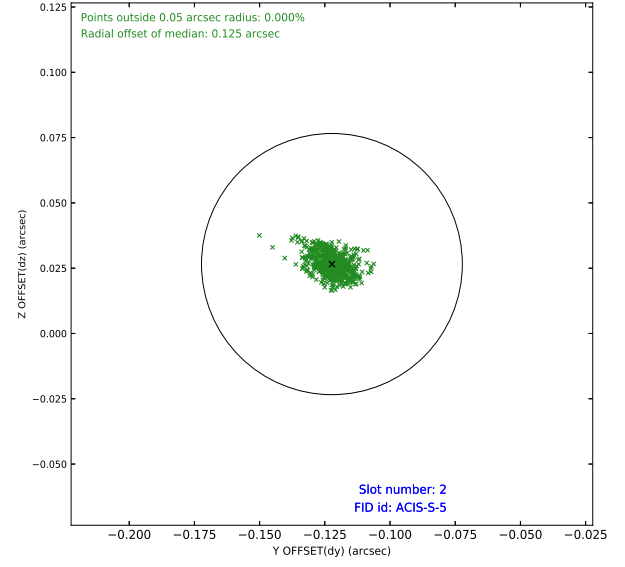
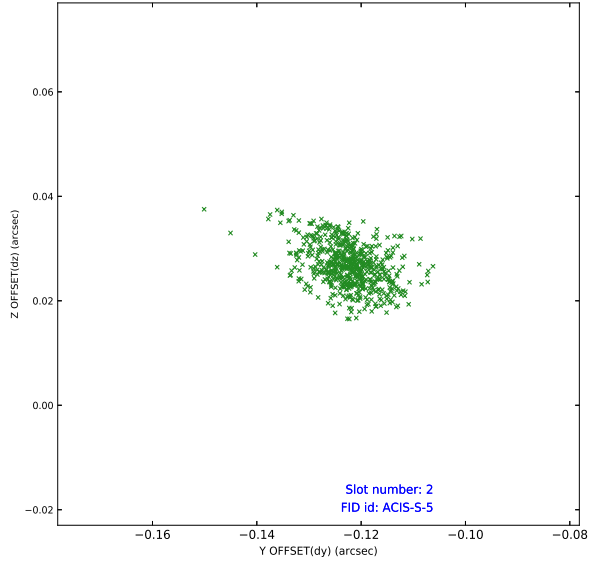
2.5.1 Slot 0



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)	2020.09.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.508

A.2 Comments