

V&V Reference Report

L2 ASCDS Version : 10.9.1

Observation 4797 - L2 Version 4
Chandra X-Ray Center

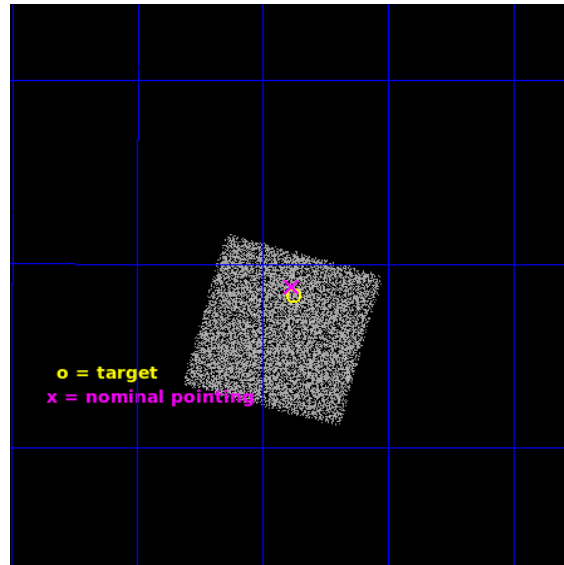
L2 Processing Date : Sep 24 2020

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1 Front

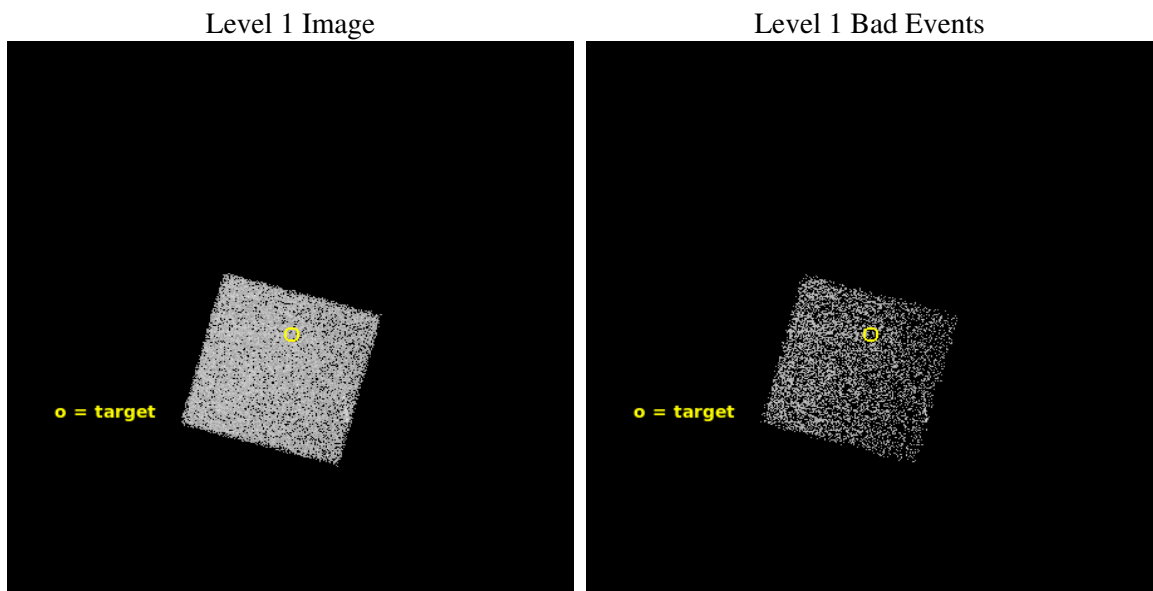
seq_num	700880	Sequence number
obs_id	4797	Observation id
title	Anchoring the AGN X-ray Luminosity Function	Proposal title
observer	Dr. JOHN SALZER	Principal investigator
object	KISS F1540-4914	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	235.093333	Observer's specified target RA [deg]
dec_targ	29.1375	Observer's specified target Dec [deg]
ra_nom	235.09584899816	Nominal RA [deg]
dec_nom	29.146160388739	Nominal Dec [deg]
roll_nom	105.47915767367	Nominal Roll [deg]
revision	4	Processing version of data
ontime	4503.0	Sum of GTIs [s]
livetime	4442.2302896378	Livetime [s]
ontime7	4503.0	Sum of GTIs [s]
l2events	16604	Number of level 2 events



2 OBI

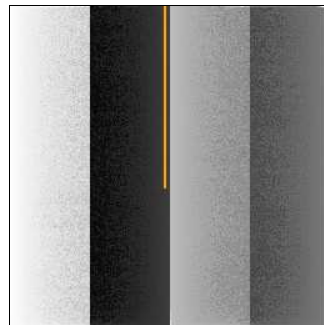
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	4029.000000	[s] Scheduled observation exposure time
ascdsver	10.9.1	Processing system revision	ontime	4503.0	Sum of GTIs [s]
caldbver	4.9.2	 	ontime7	4503.0	Sum of GTIs [s]
date	2020-09-24T11:40:20	Date and time of file creation	l1events	42747	Number of level 1 events
revision	4	Processing version of data			

2.1.4 Events

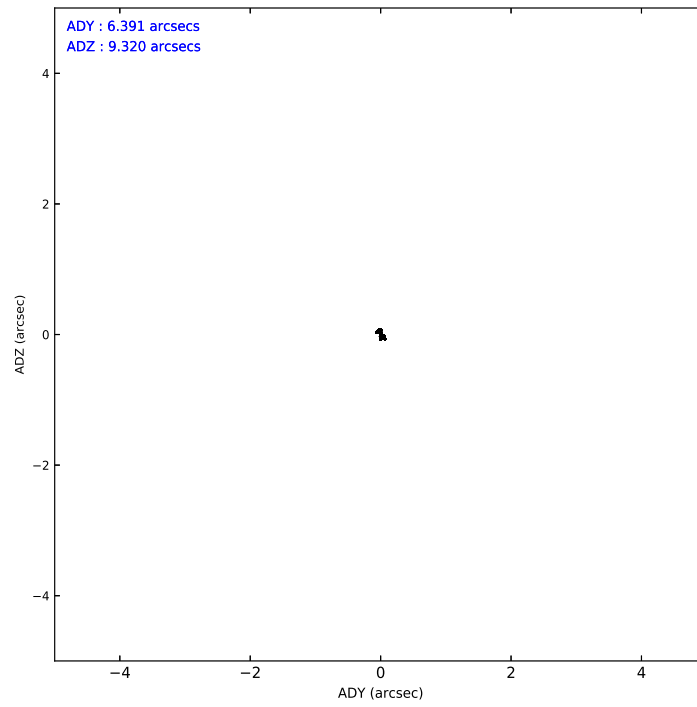
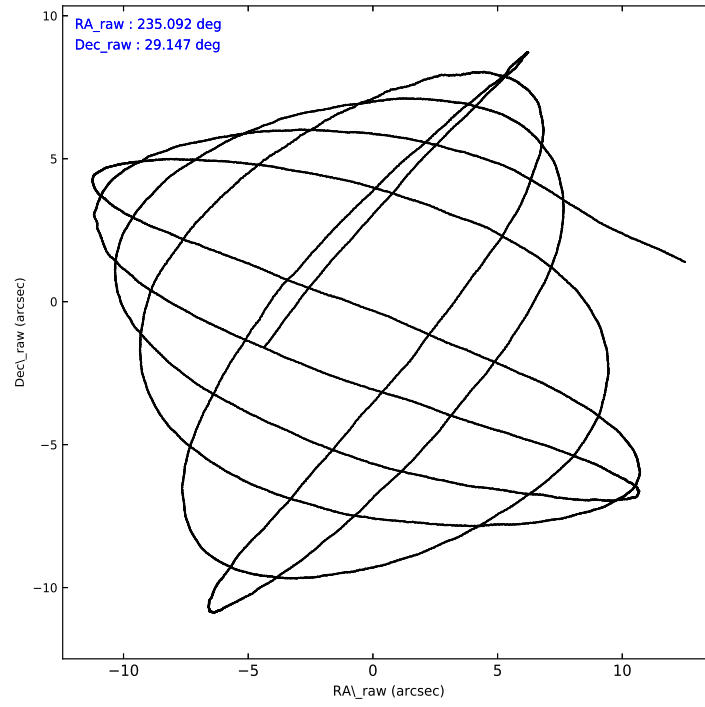
	ccd 7
level 1 events	42747
rejected events	25625
rejected %	59%

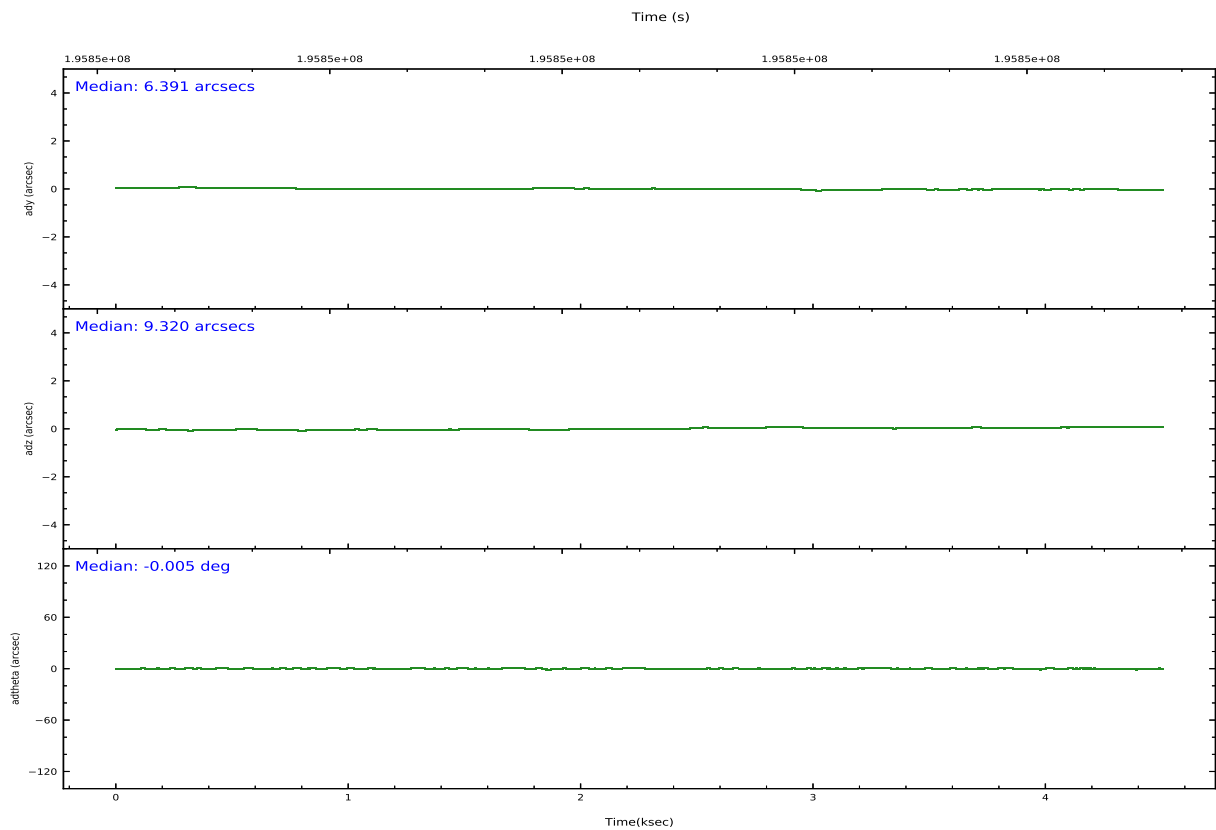
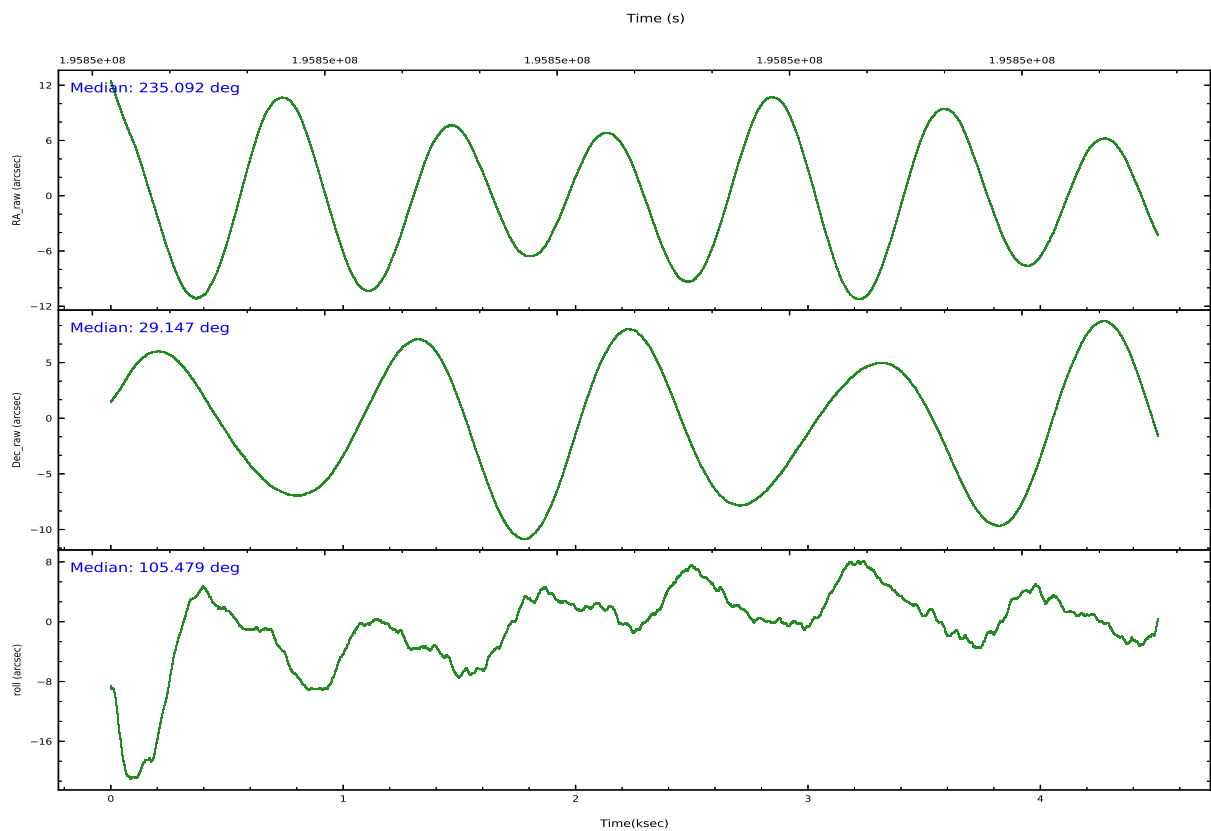
	ccd 7
grade 0 events	1662
	3%
grade 1 events	39
	0%
grade 2 events	3626
	8%
grade 3 events	1638
	3%
grade 4 events	1631
	3%
grade 5 events	4153
	9%
grade 6 events	9213
	21%
grade 7 events	20785
	48%

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	235.114813	235.09584899816	Subarray requested	NONE	NONE
[deg] Pointing Dec	29.128296	29.146160388739	Alternating exposures requested	N	N
[deg] Pointing Roll	105.310092	105.47915767367	[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)	195848558.184000	195847447.25901			
Observation start date	2004-03-16T18:21:34	2004-03-16T18:04:07			
[s] Observation end time (MET)	195852587.184000	195853794.57179			
Observation end date	2004-03-16T19:28:43	2004-03-16T19:49:54			
Read mode	TIMED	TIMED			

2.3 Aspect



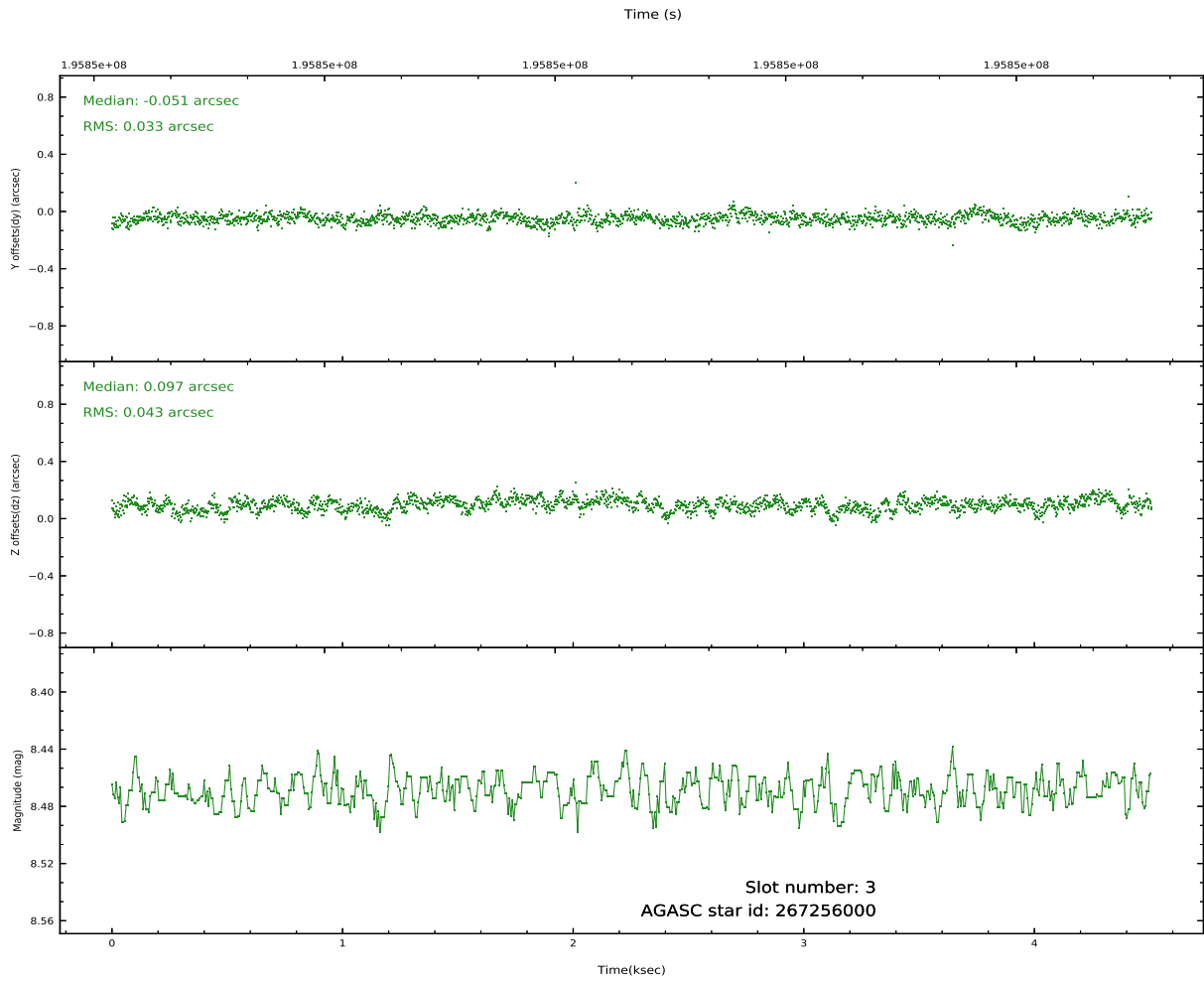
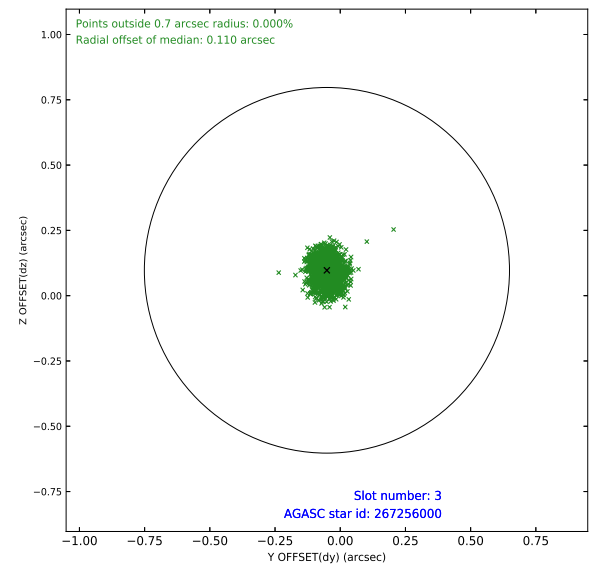
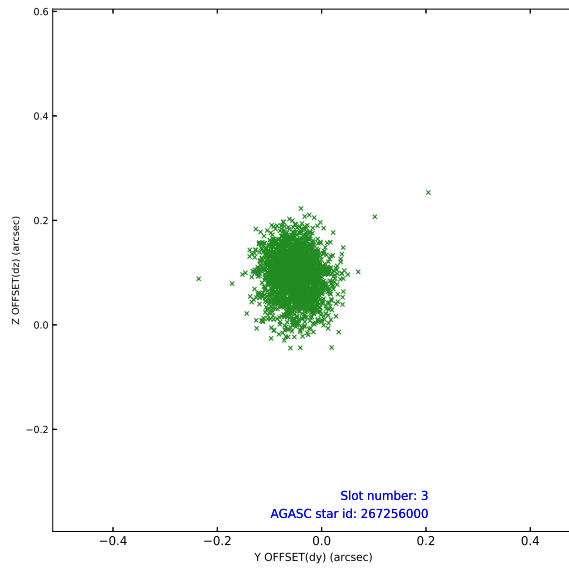


Slot Statistics

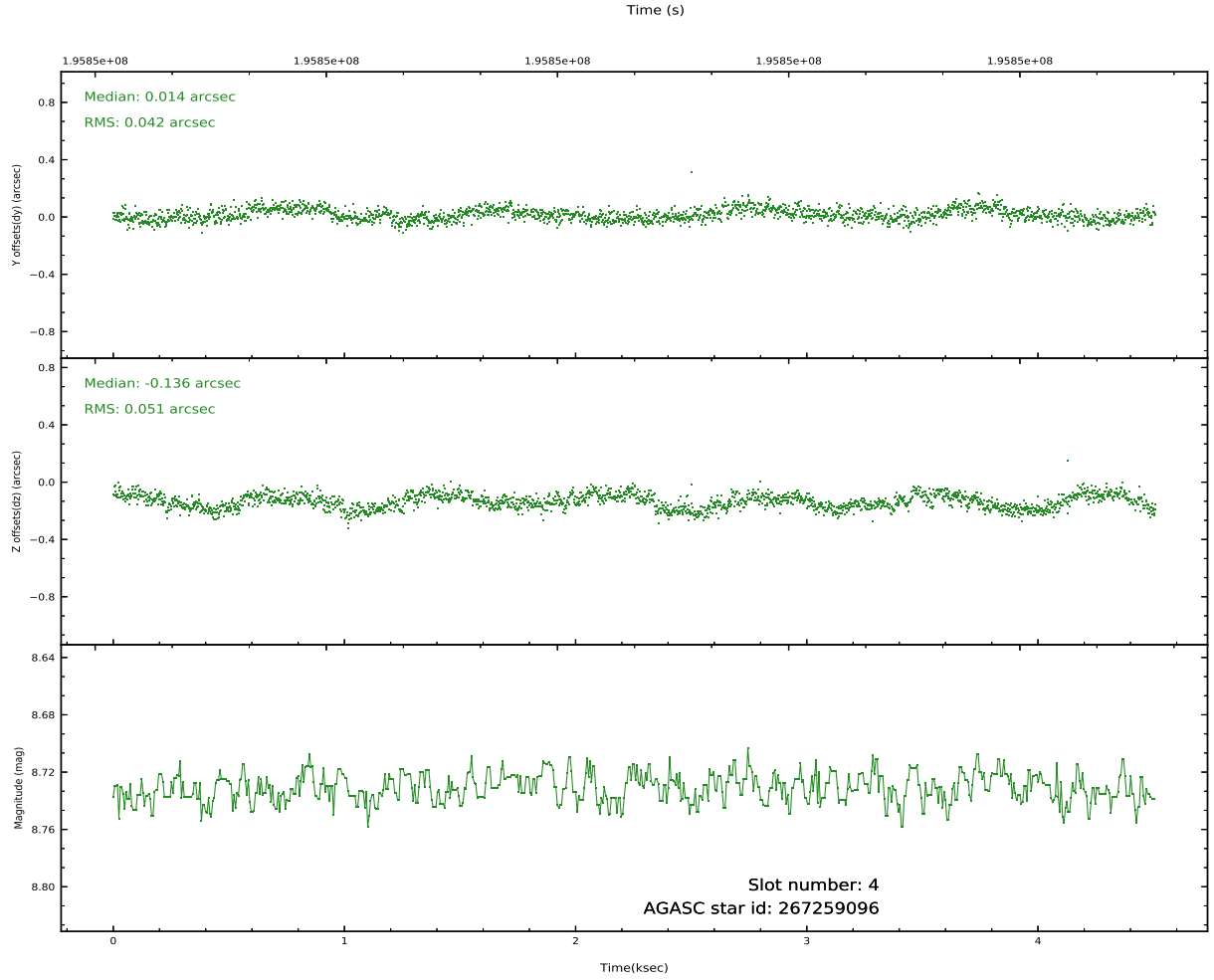
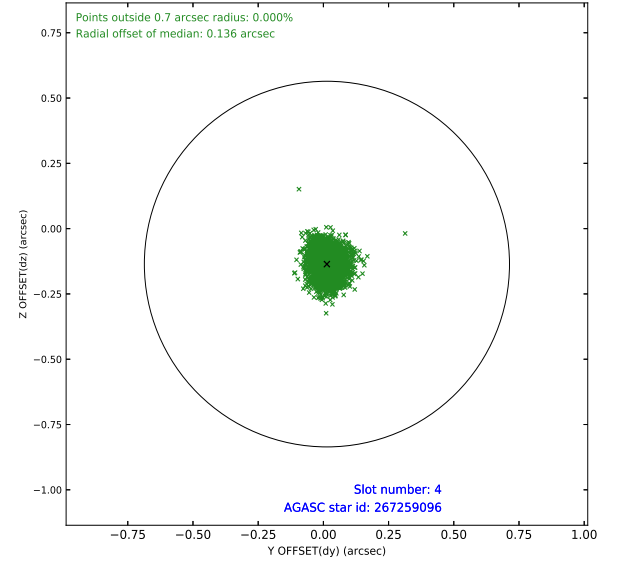
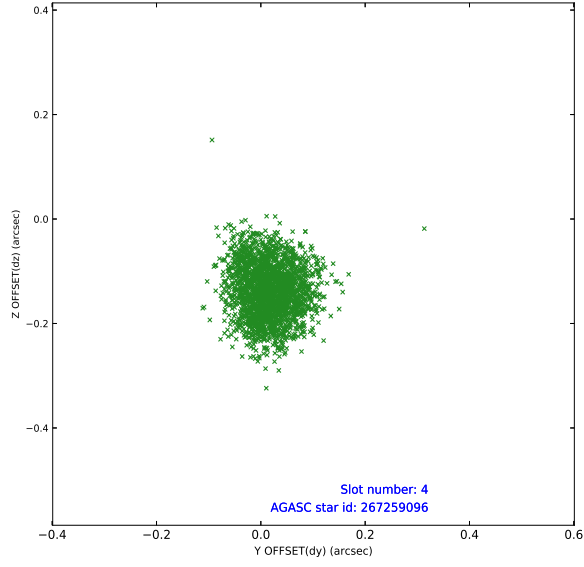
pt	status	used	id	mag	n_pts	frac_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mea
0	FID		ACIS-S-2	7.10	1099	1.000	-0.078	-0.069	0.007	0.011	0.000000	0.000000	-759.16	-1730
1	FID		ACIS-S-4	7.20	1100	1.000	0.137	0.056	0.006	0.011	0.000000	0.000000	2153.67	176
2	FID		ACIS-S-5	7.23	1100	1.000	-0.090	0.022	0.007	0.010	0.000000	0.000000	-1810.30	171
3	GUIDE	used	267256000	8.47	2198	1.000	-0.051	0.097	0.057	0.096	235.255033	29.227718	228.68	-519
4	GUIDE	used	267259096	8.73	2198	1.000	0.014	-0.136	0.072	0.111	234.903061	29.193993	404.28	579
5	GUIDE	used	267267952	8.63	2200	1.000	-0.098	0.090	0.066	0.106	235.567885	29.622926	1345.21	-1837
6	GUIDE	used	267265360	8.88	2200	1.000	-0.108	0.055	0.089	0.141	235.298176	29.856673	2378.82	-1245
7	GUIDE	used	267260296	10.03	2195	1.000	0.248	-0.100	0.134	0.217	235.176148	28.474277	-2320.98	433

2.4 Star Slots

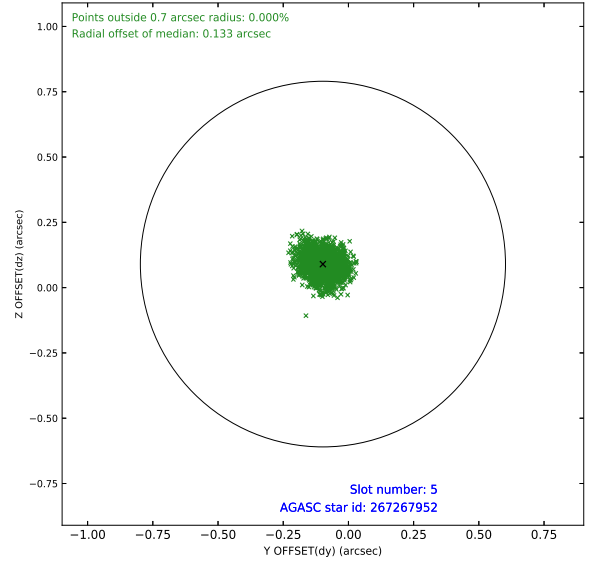
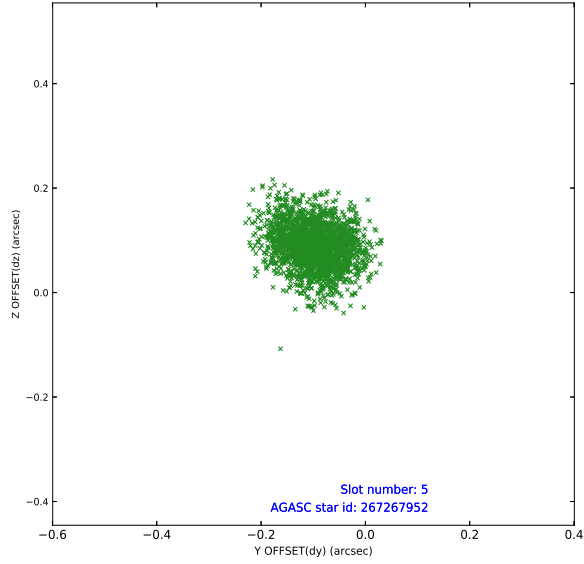
2.4.1 Slot 3



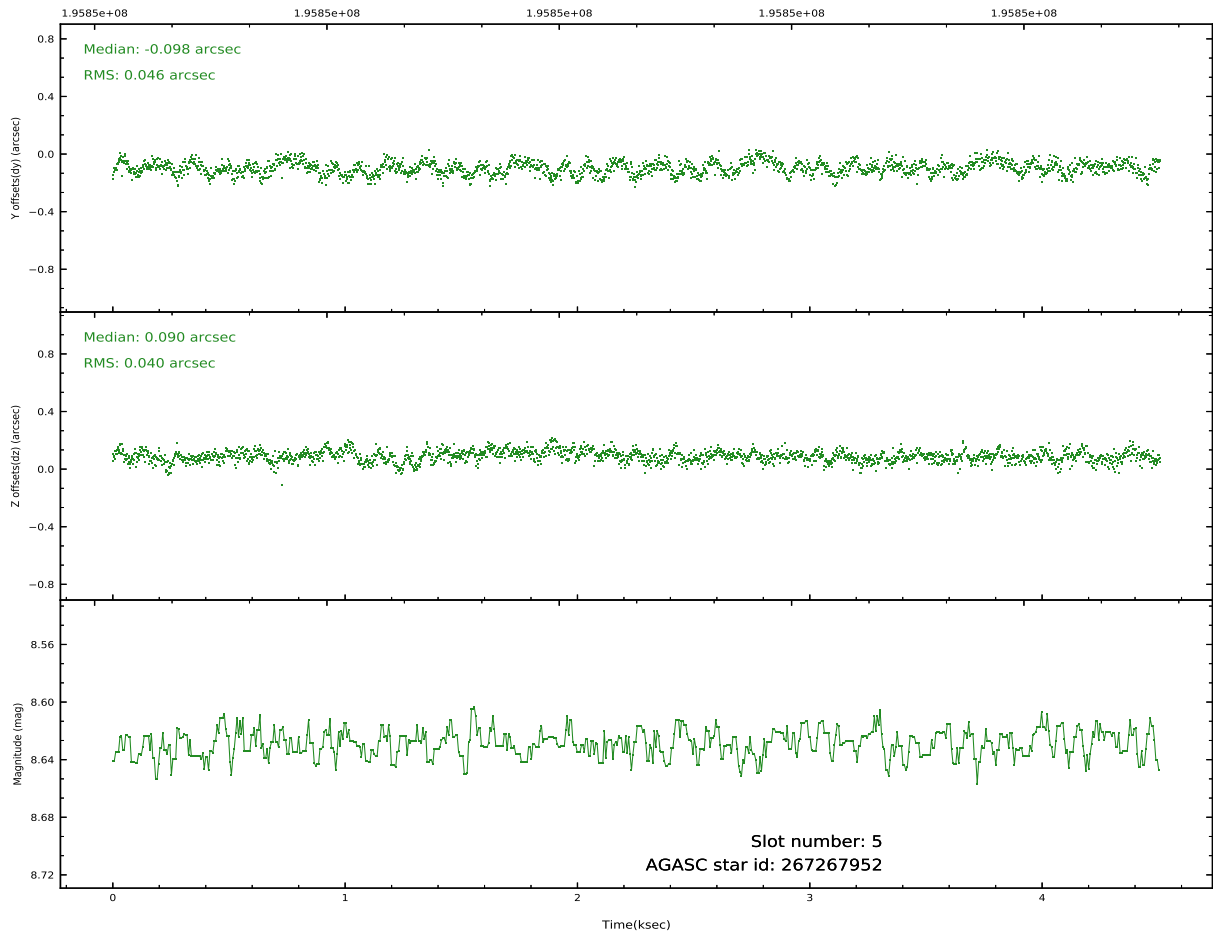
2.4.2 Slot 4



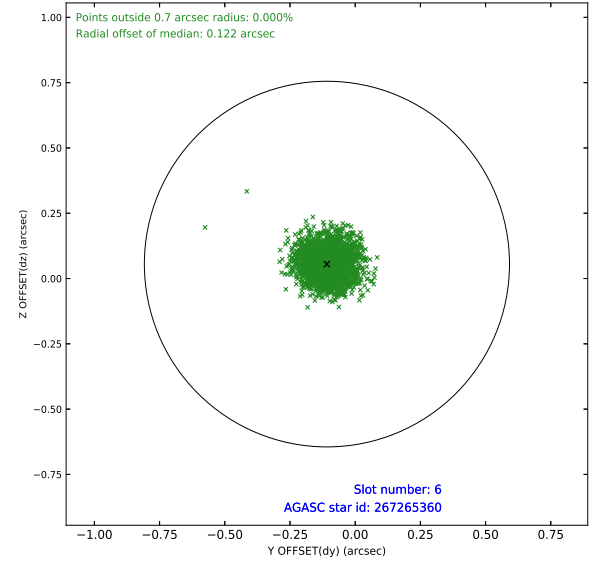
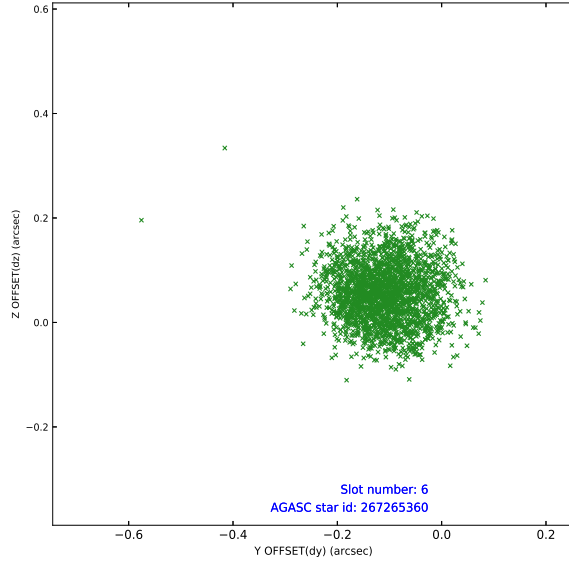
2.4.3 Slot 5



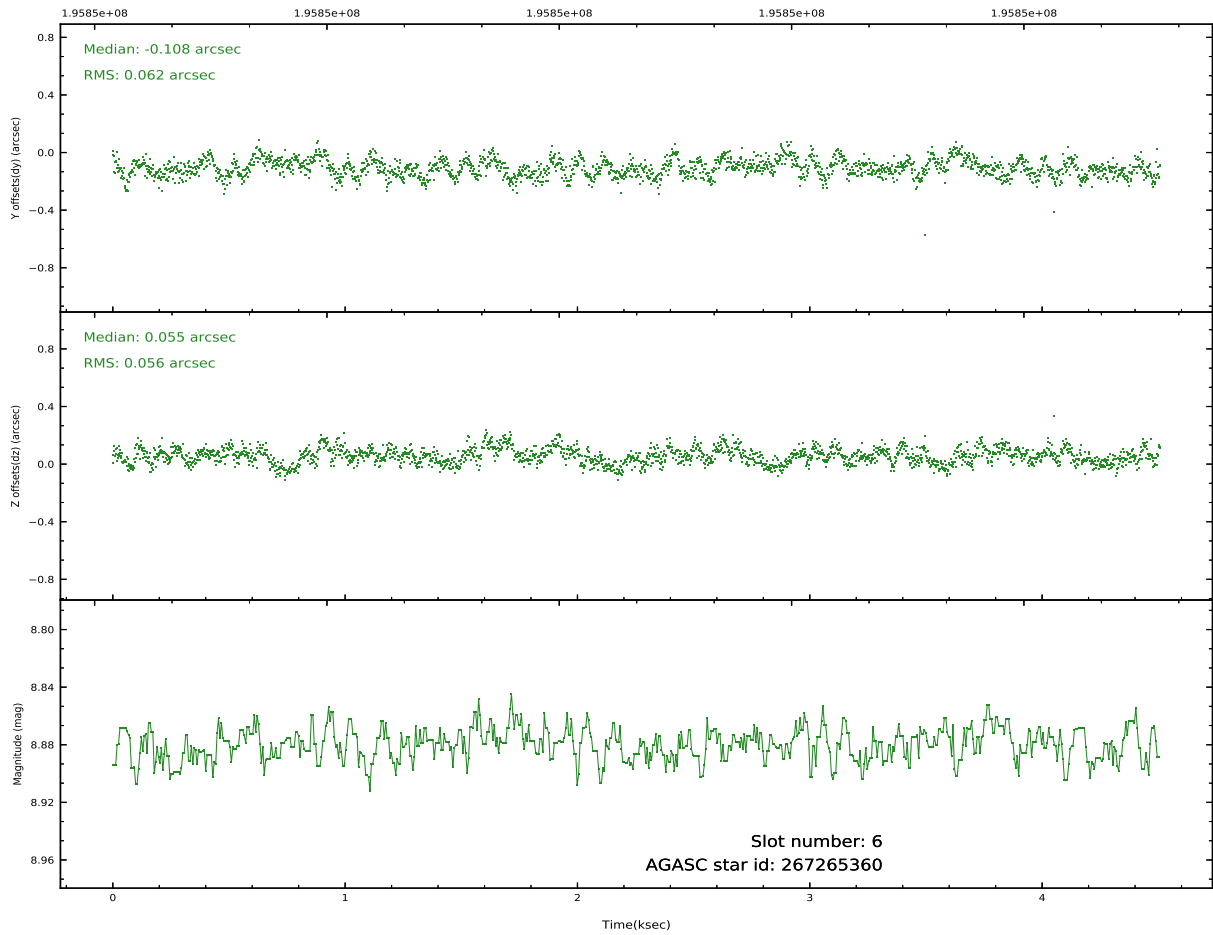
Time (s)



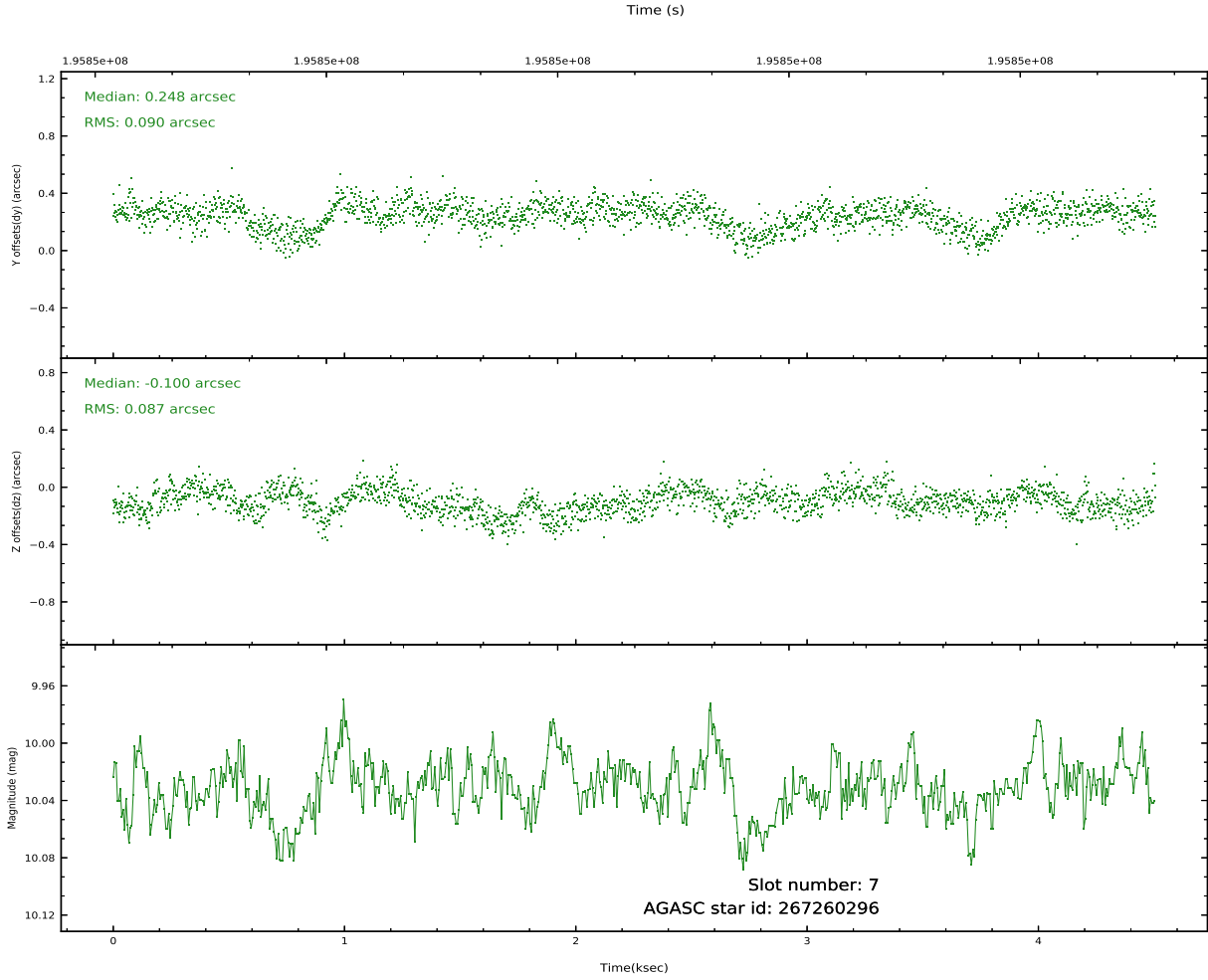
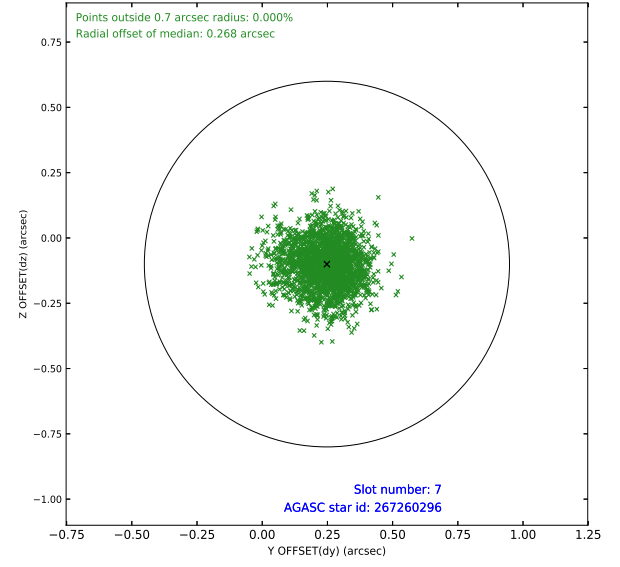
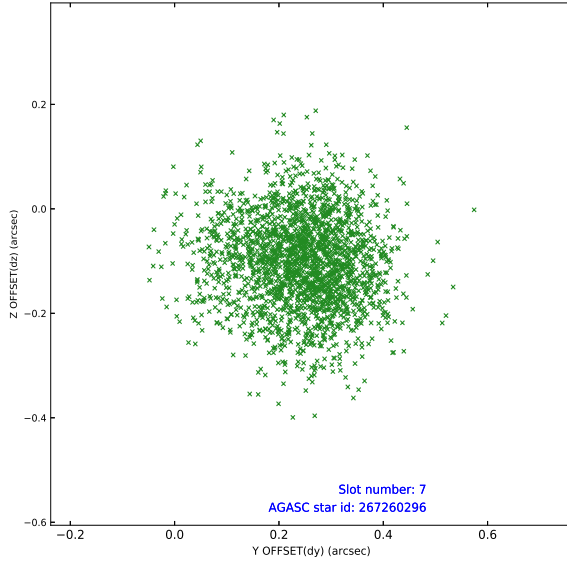
2.4.4 Slot 6



Time (s)

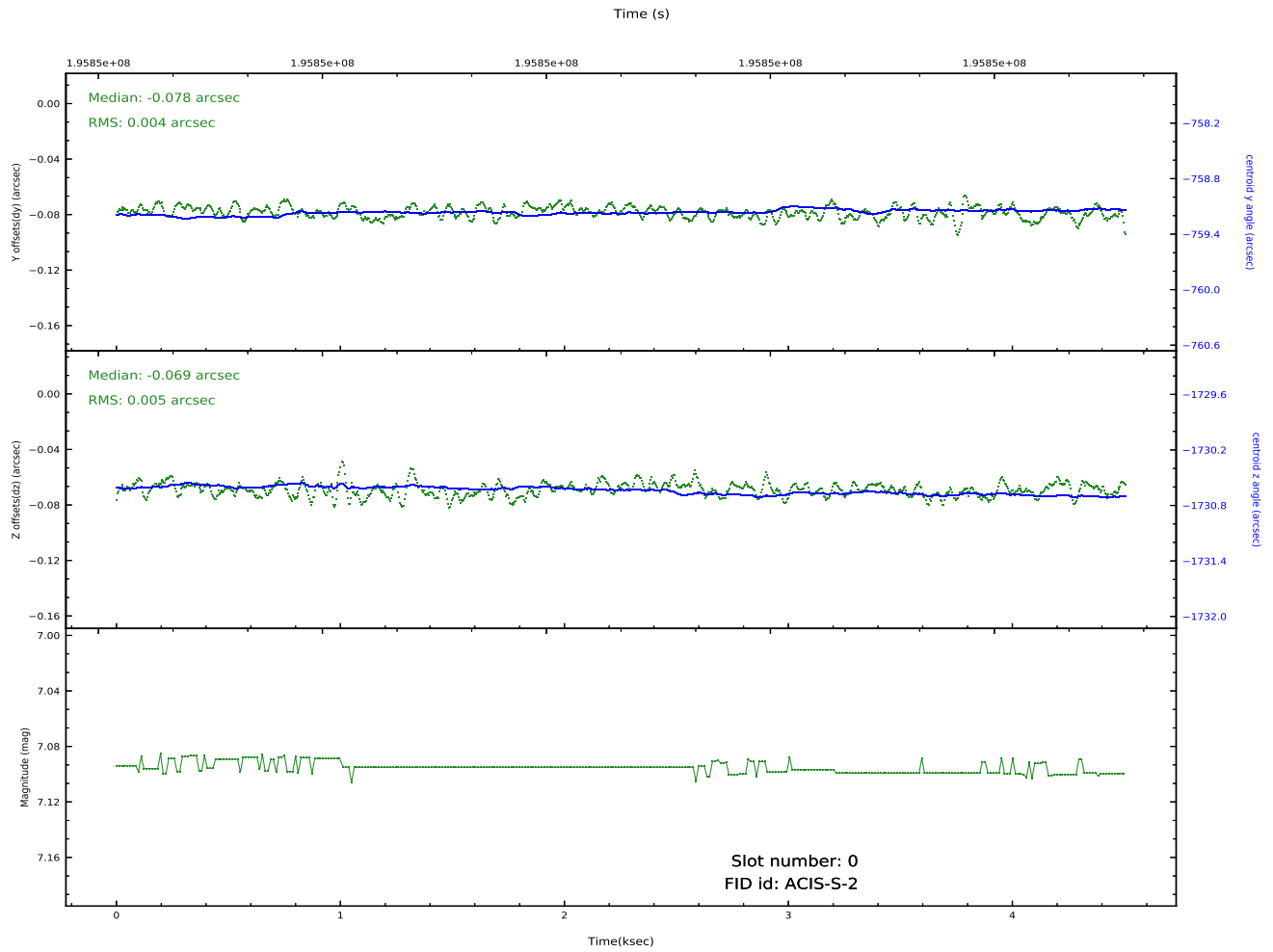
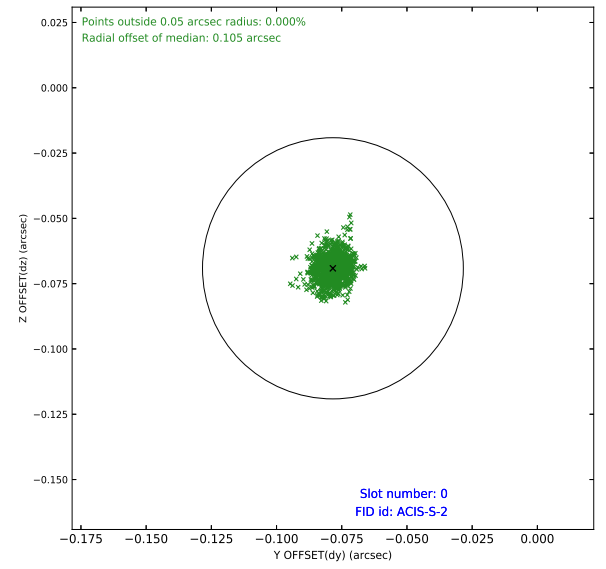
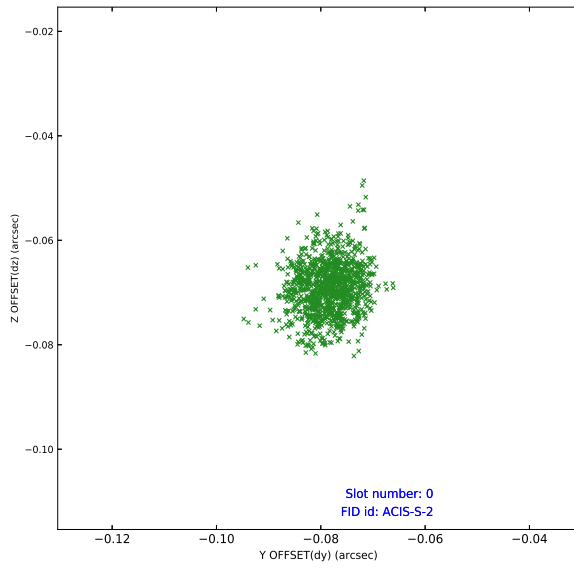


2.4.5 Slot 7

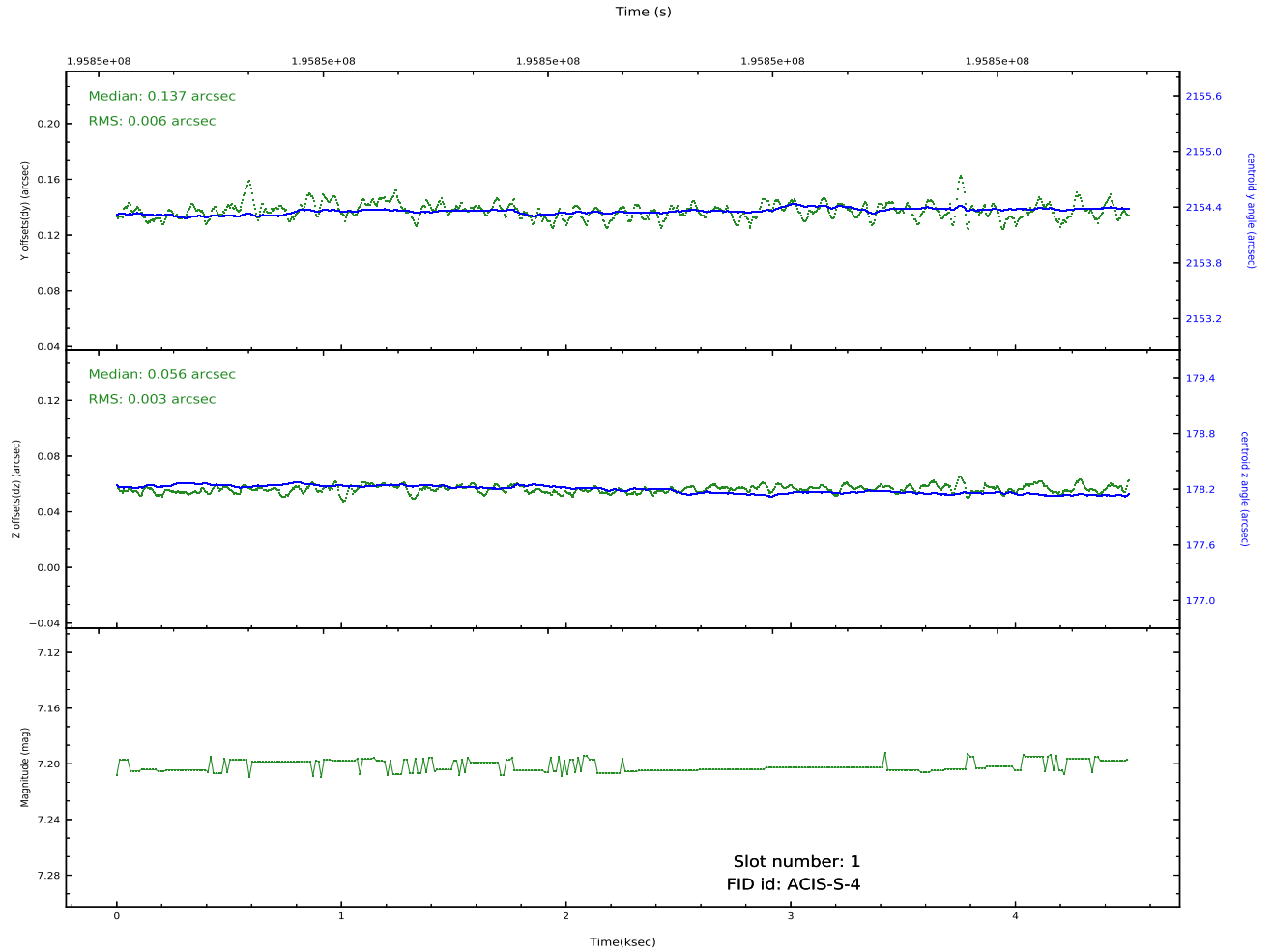
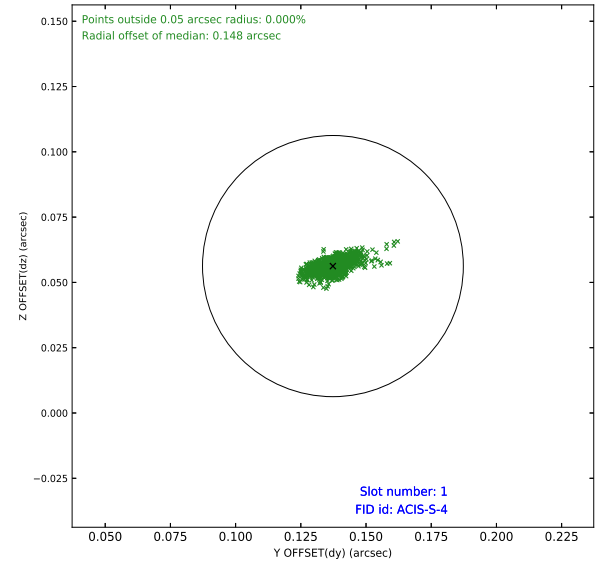
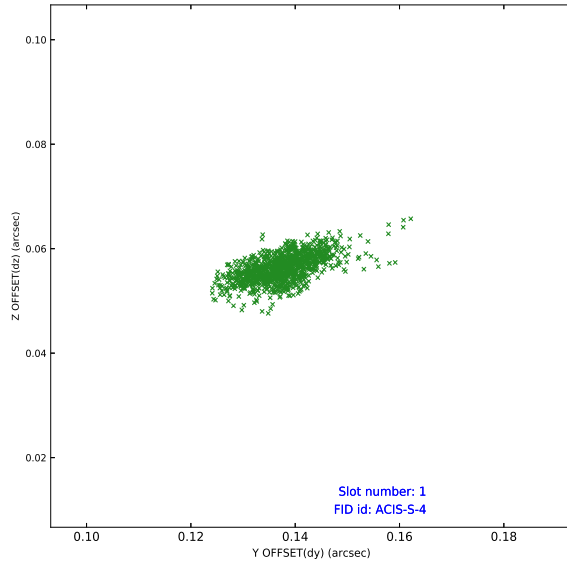


2.5 FID Slots

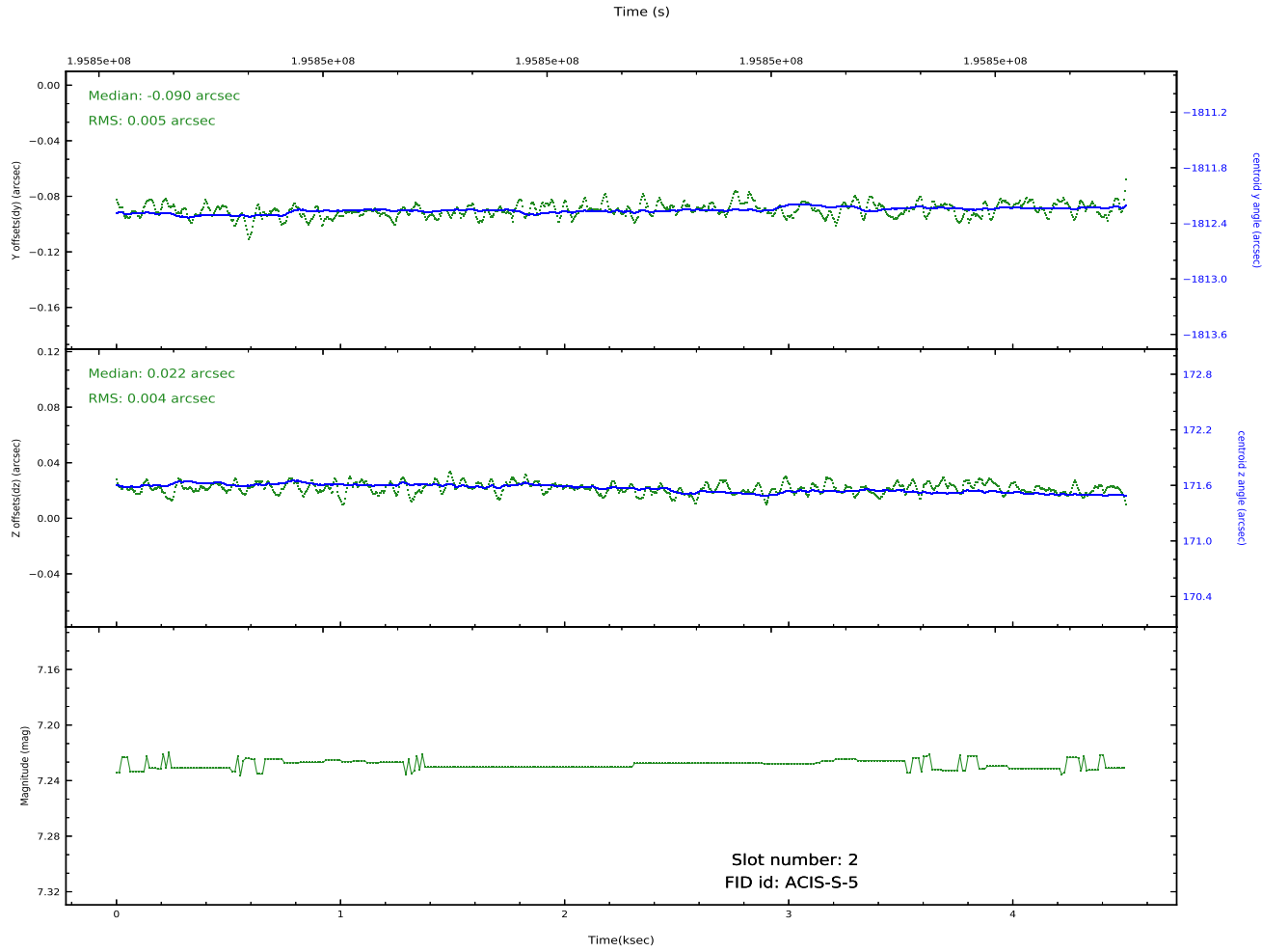
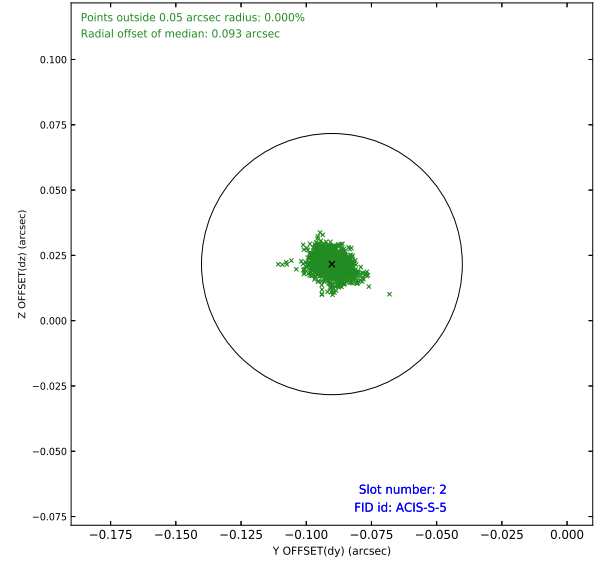
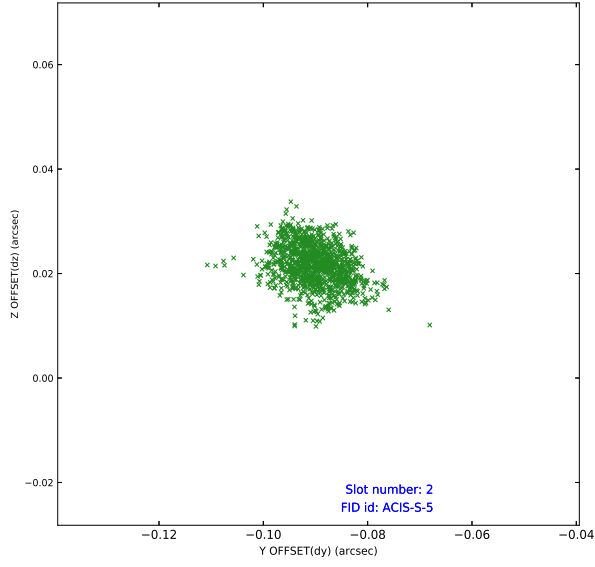
2.5.1 Slot 0



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)	2020.09.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.503

A.2 Comments