

V&V Reference Report

L2 ASCDS Version : 10.9.1

Observation 4792 - L2 Version 5
Chandra X-Ray Center

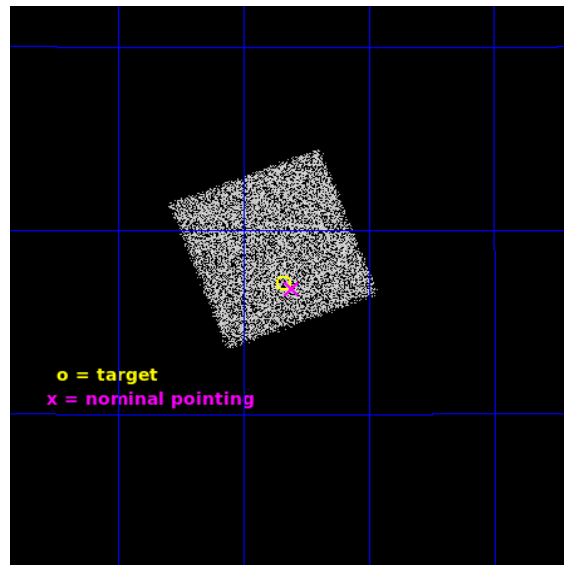
L2 Processing Date : Sep 27 2020

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1 Front

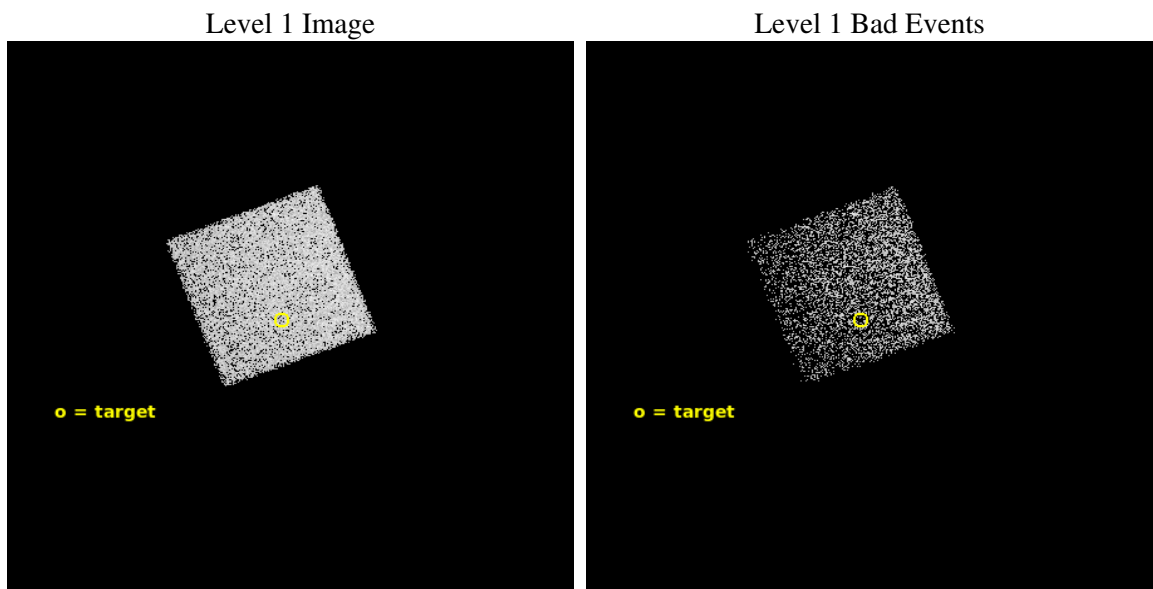
seq_num	700875	Sequence number
obs_id	4792	Observation id
title	Anchoring the AGN X-ray Luminosity Function	Proposal title
observer	Dr. JOHN SALZER	Principal investigator
object	KISS F1520-608	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	231.085	Observer's specified target RA [deg]
dec_targ	29.119111	Observer's specified target Dec [deg]
ra_nom	231.07661518938	Nominal RA [deg]
dec_nom	29.113849308058	Nominal Dec [deg]
roll_nom	248.9421123957	Nominal Roll [deg]
revision	5	Processing version of data
ontime	4182.0	Sum of GTIs [s]
livetime	4125.5623076316	Livetime [s]
ontime7	4182.0	Sum of GTIs [s]
l2events	15958	Number of level 2 events



2 OBI

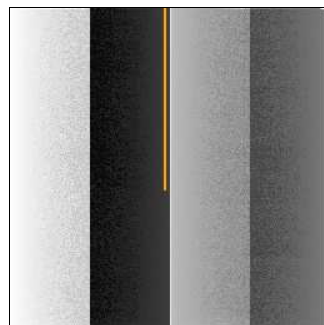
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	3	Obi number	sched_exp_time	4000.000000	[s] Scheduled observation exposure time
ascdsver	10.9.1	Processing system revision	ontime	4182.0	Sum of GTIs [s]
caldsver	4.9.2	 	ontime7	4182.0	Sum of GTIs [s]
date	2020-09-27T13:55:57	Date and time of file creation	l1events	41547	Number of level 1 events
revision	5	Processing version of data			

2.1.4 Events

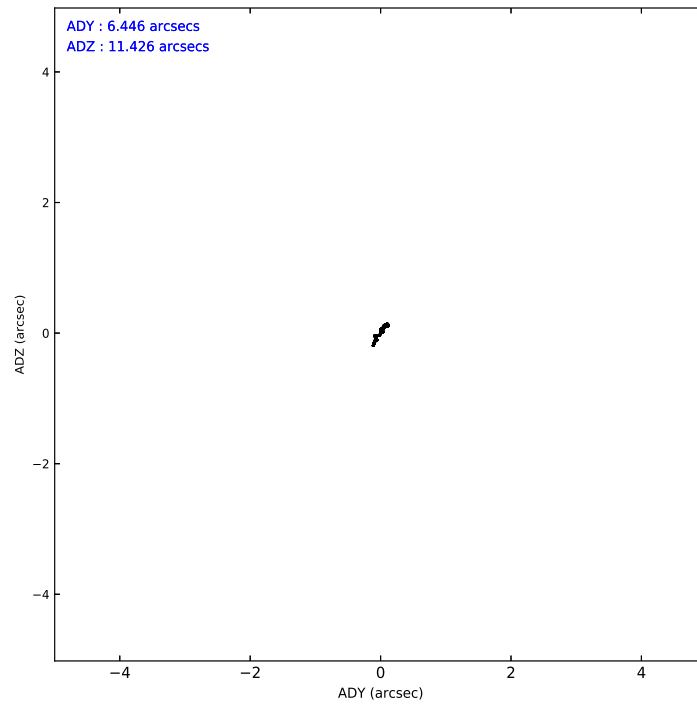
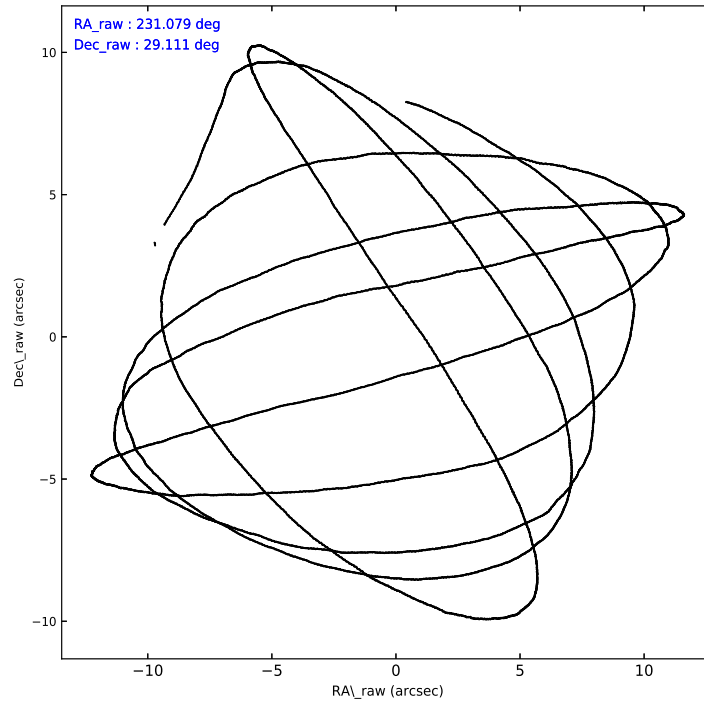
	ccd 7
level 1 events	41547
rejected events	25034
rejected %	60%

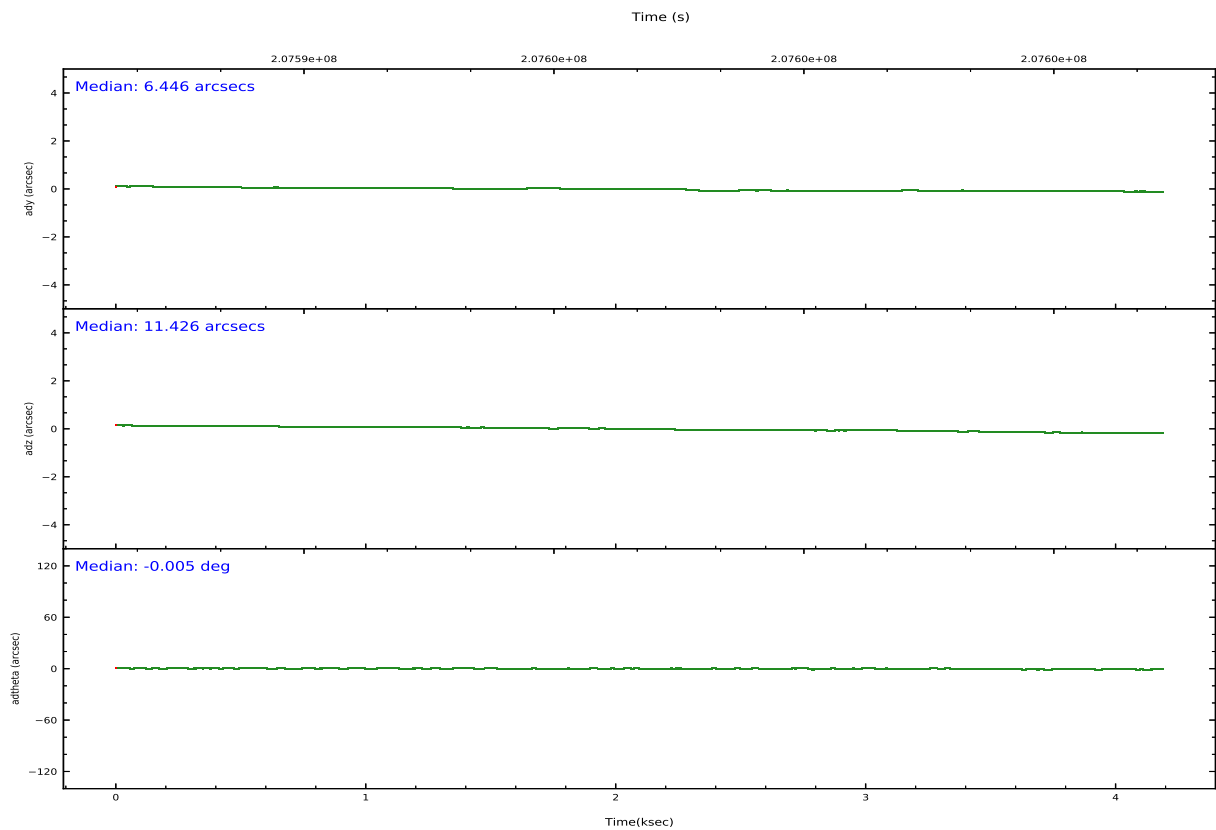
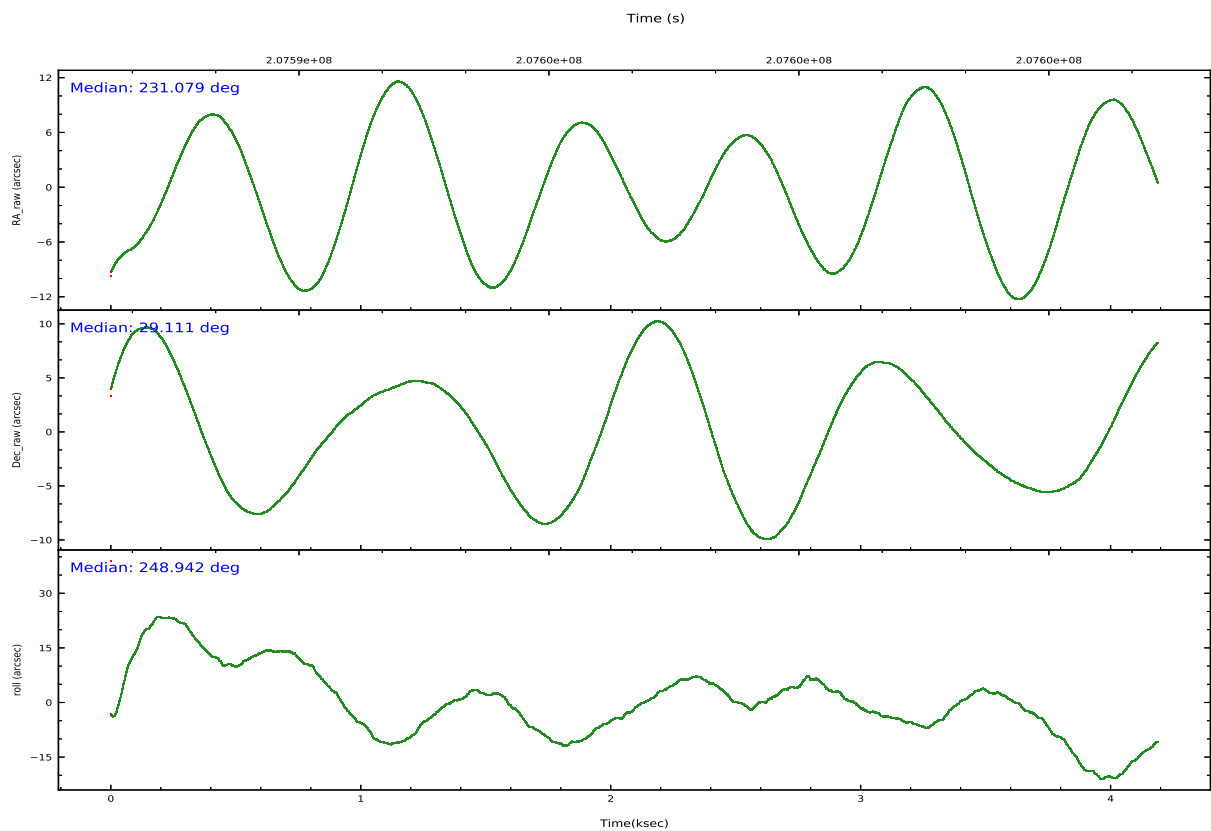
	ccd 7
grade 0 events	1624
	3%
grade 1 events	50
	0%
grade 2 events	3408
	8%
grade 3 events	1554
	3%
grade 4 events	1619
	3%
grade 5 events	4059
	9%
grade 6 events	9281
	22%
grade 7 events	19952
	48%

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	231.074010	231.07661518938	Subarray requested	NONE	NONE
[deg] Pointing Dec	29.137669	29.113849308058	Alternating exposures requested	N	N
[deg] Pointing Roll	248.792511	248.9421123957	[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)	207593437.184000	207592585.04034			
Observation start date	2004-07-30T16:49:33	2004-07-30T16:36:25			
[s] Observation end time (MET)	207597437.184000	207598272.25309			
Observation end date	2004-07-30T17:56:13	2004-07-30T18:11:12			
Read mode	TIMED	TIMED			

2.3 Aspect



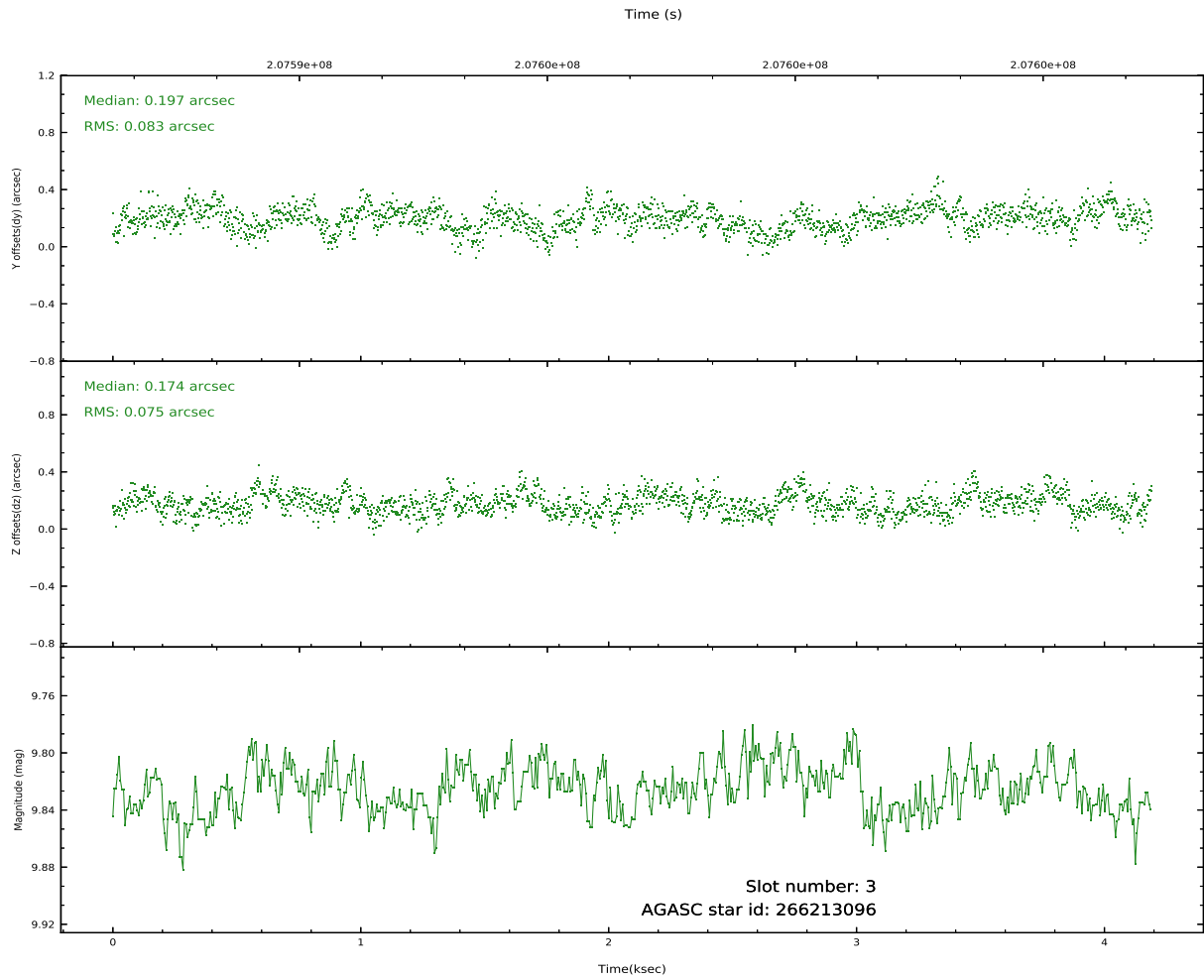
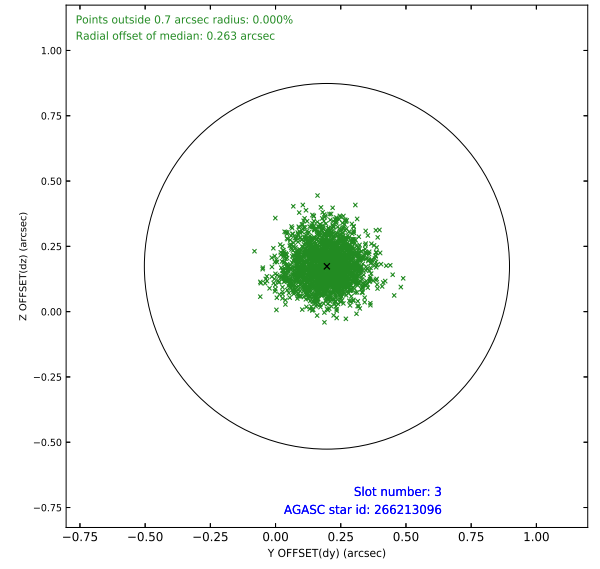
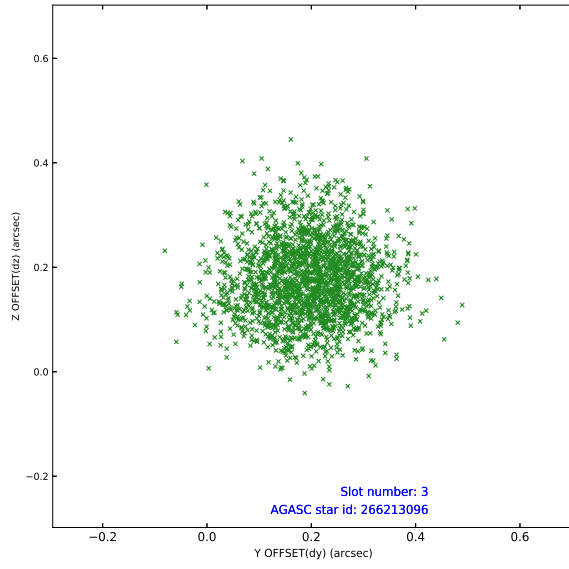


Slot Statistics

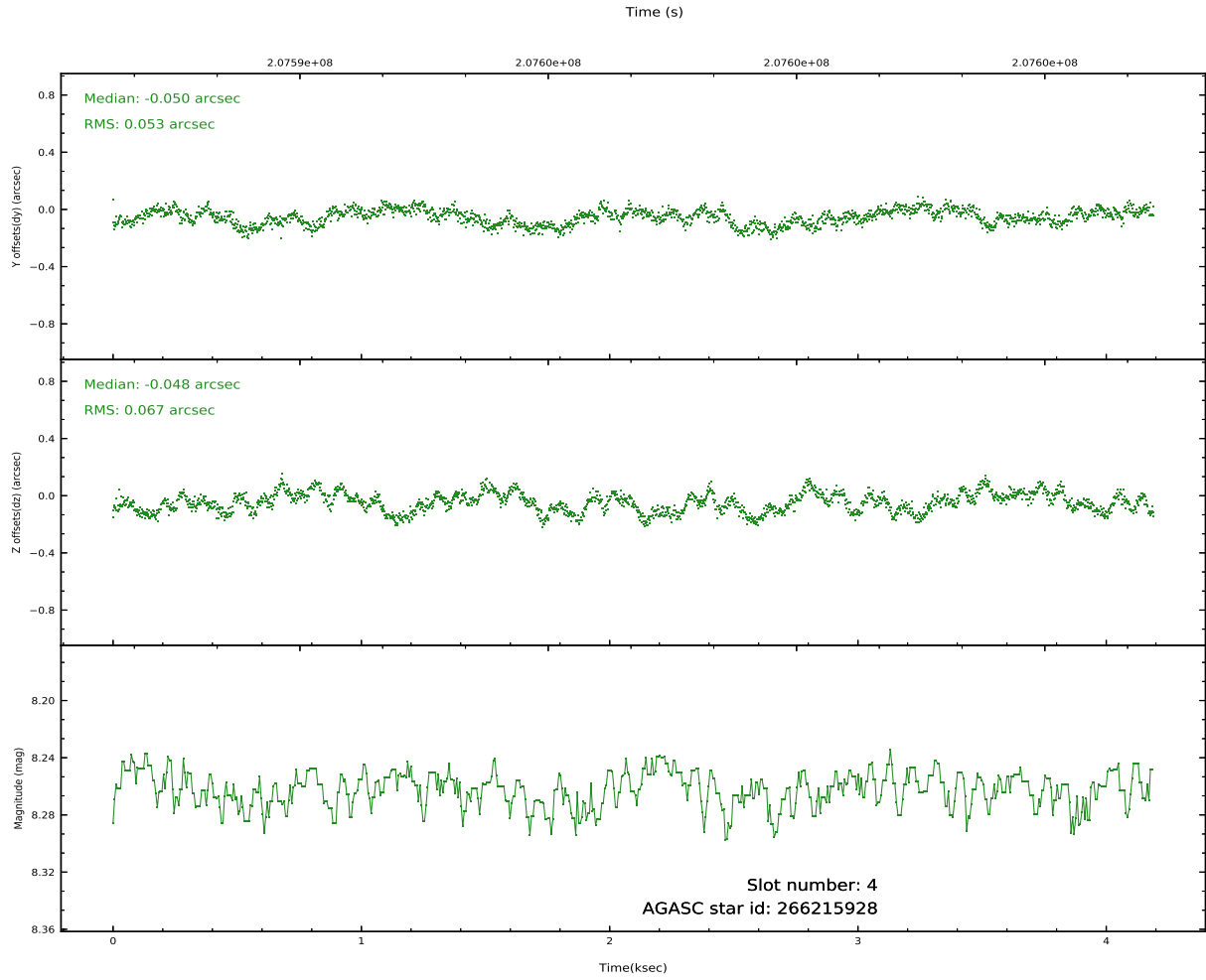
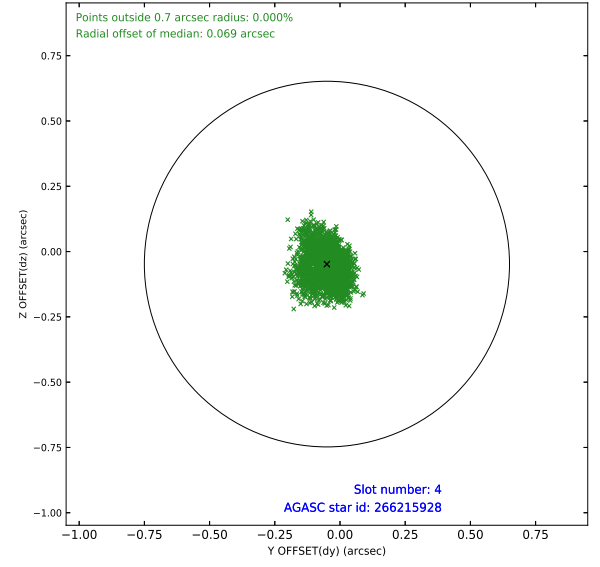
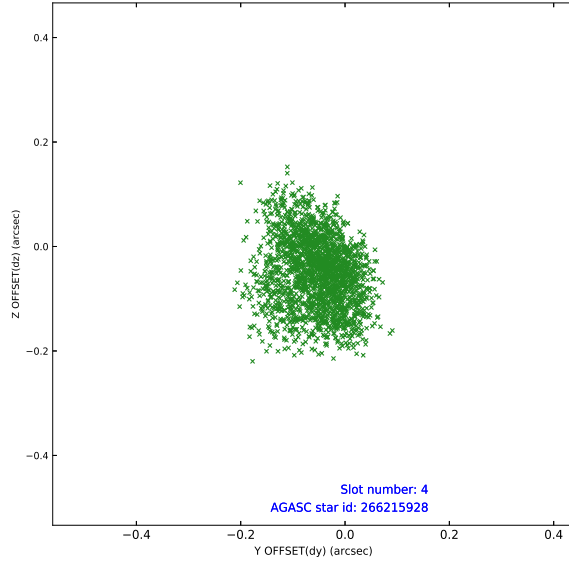
pt	status	used	id	mag	n_pts	frac_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mea
0	FID		ACIS-S-2	7.10	1022	1.000	-0.080	-0.052	0.007	0.012	0.000000	0.000000	-759.20	-1732
1	FID		ACIS-S-4	7.21	1023	1.000	0.126	0.052	0.006	0.011	0.000000	0.000000	2153.56	174
2	FID		ACIS-S-5	7.23	1022	1.000	-0.077	0.009	0.006	0.011	0.000000	0.000000	-1810.18	169
3	GUIDE	used	266213096	9.83	2043	1.000	0.197	0.174	0.119	0.192	231.286460	28.376979	2309.67	1618
4	GUIDE	used	266215928	8.26	2044	1.000	-0.050	-0.048	0.093	0.146	231.261301	29.146197	-240.46	538
5	GUIDE	used	266216280	9.11	2045	1.000	-0.089	-0.013	0.089	0.144	230.814626	29.031614	651.29	-623
6	GUIDE	used	266350560	10.85	2038	1.000	-0.027	-0.056	0.226	0.366	231.729637	28.979572	-221.13	2128
7	GUIDE	used	266211432	9.82	2042	1.000	-0.016	-0.056	0.140	0.227	230.664611	28.567589	2380.12	-463

2.4 Star Slots

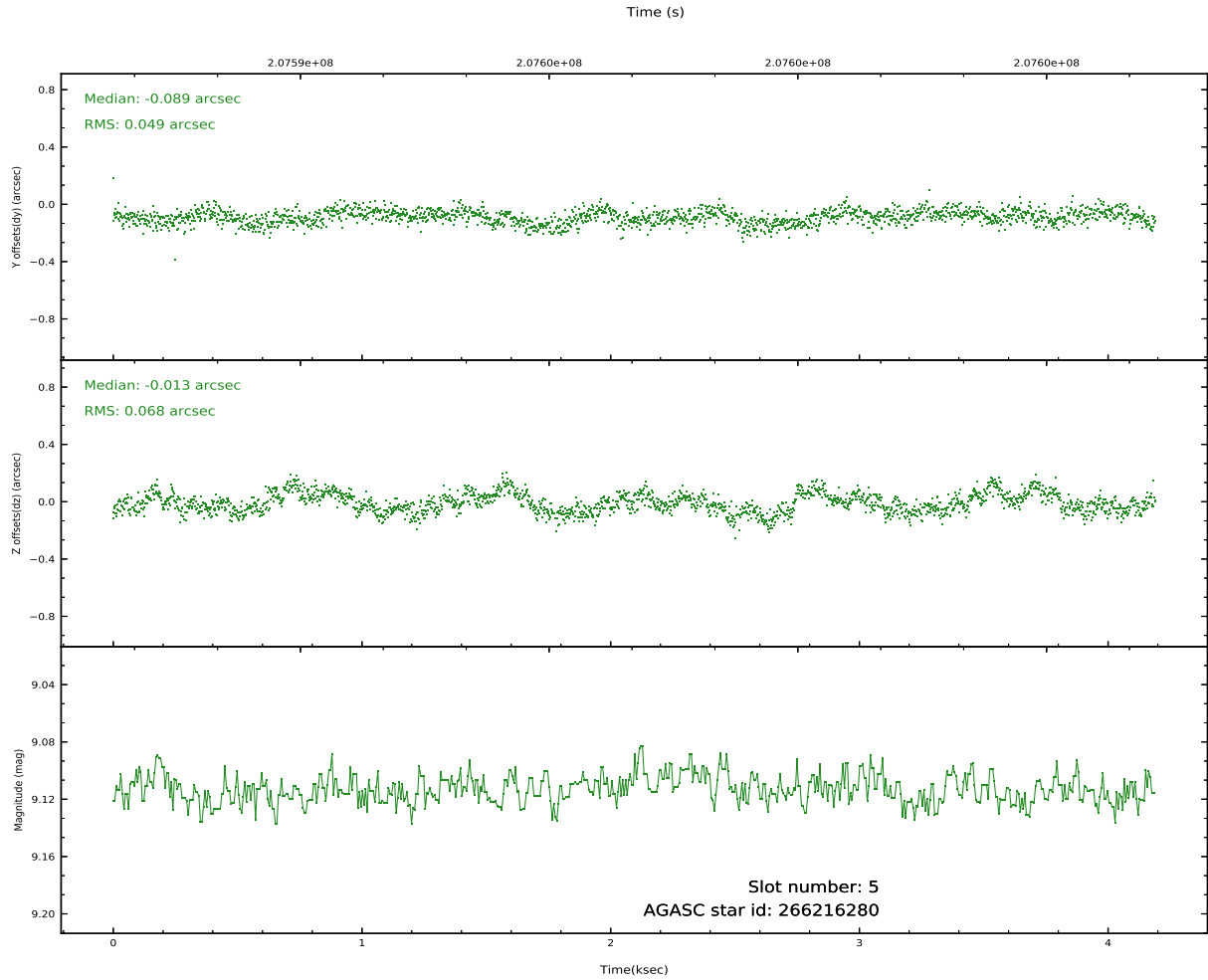
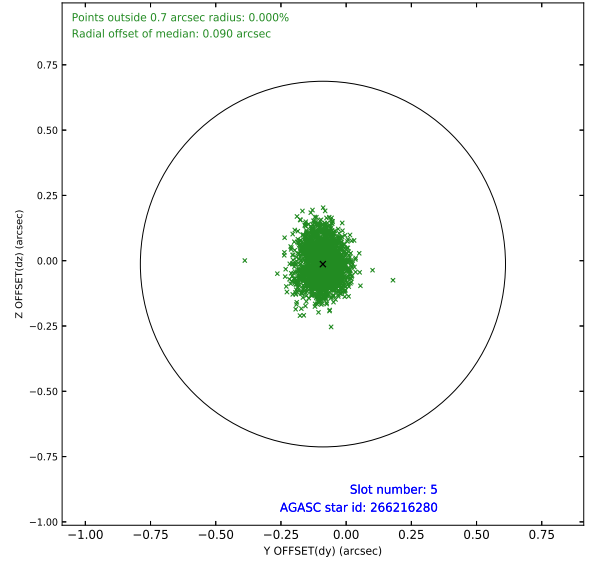
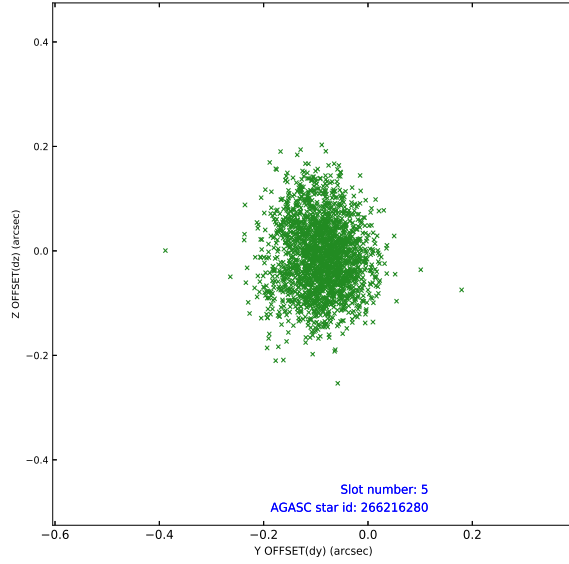
2.4.1 Slot 3



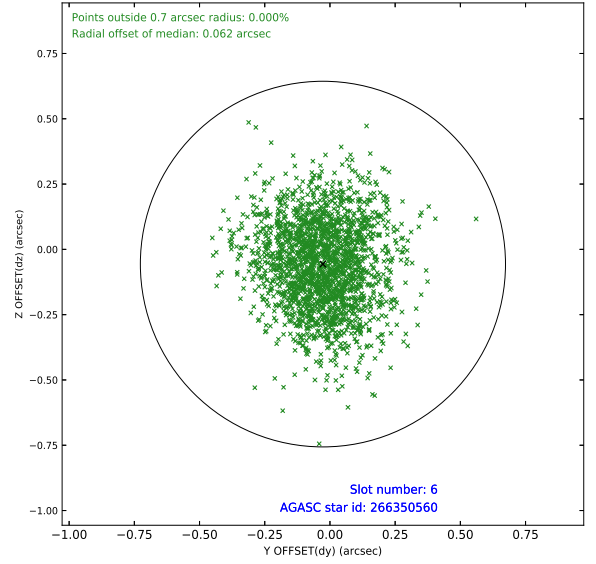
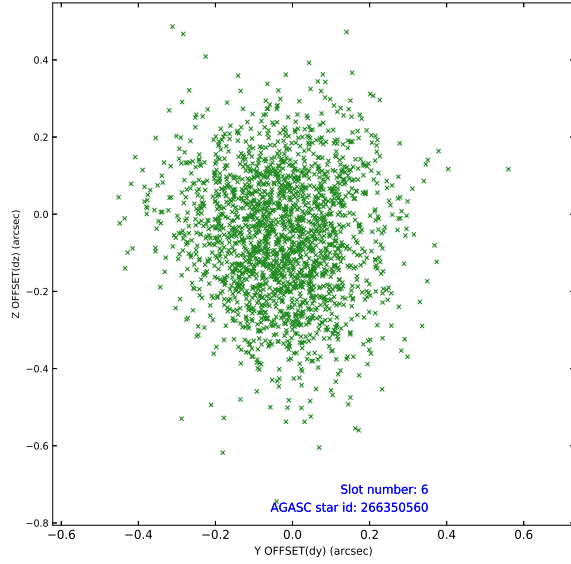
2.4.2 Slot 4



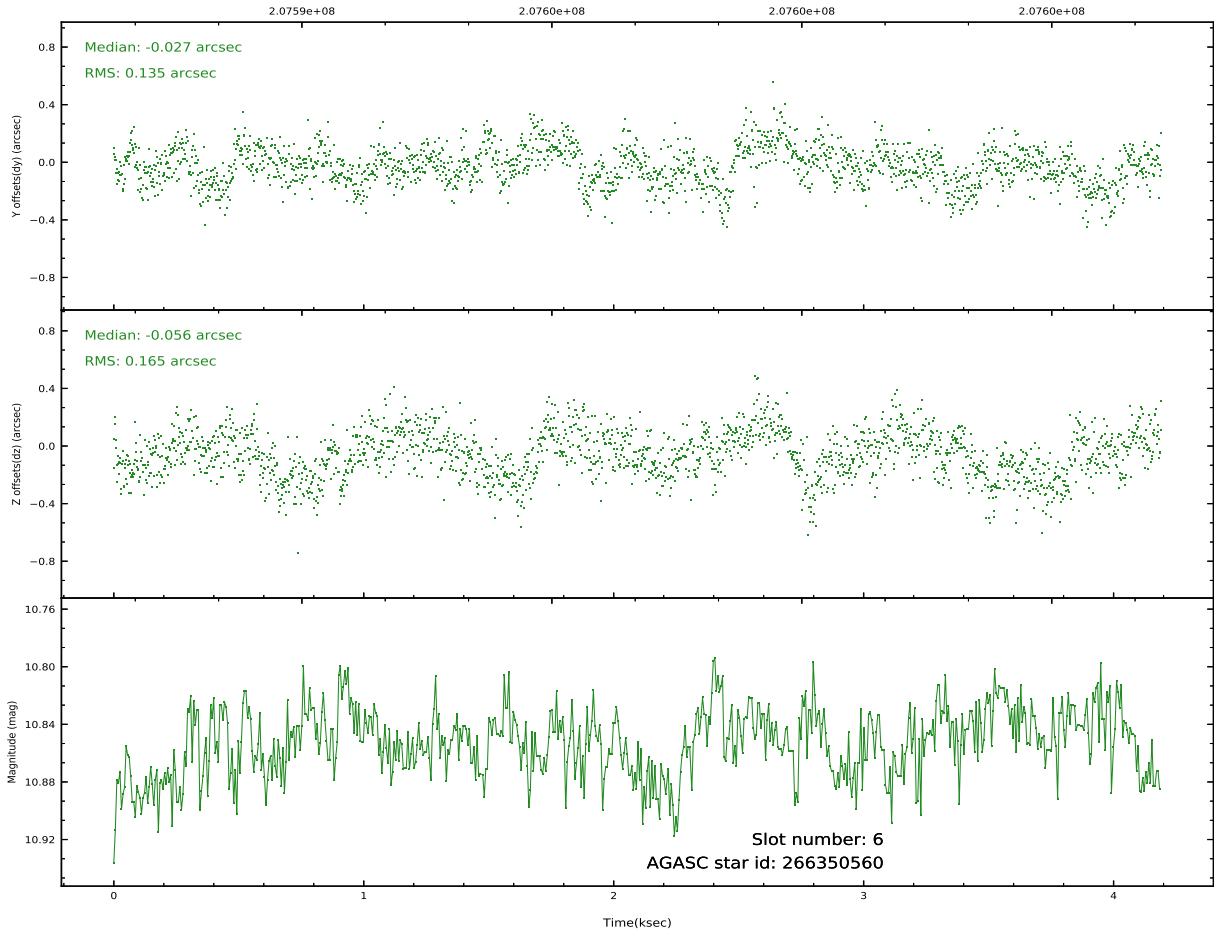
2.4.3 Slot 5



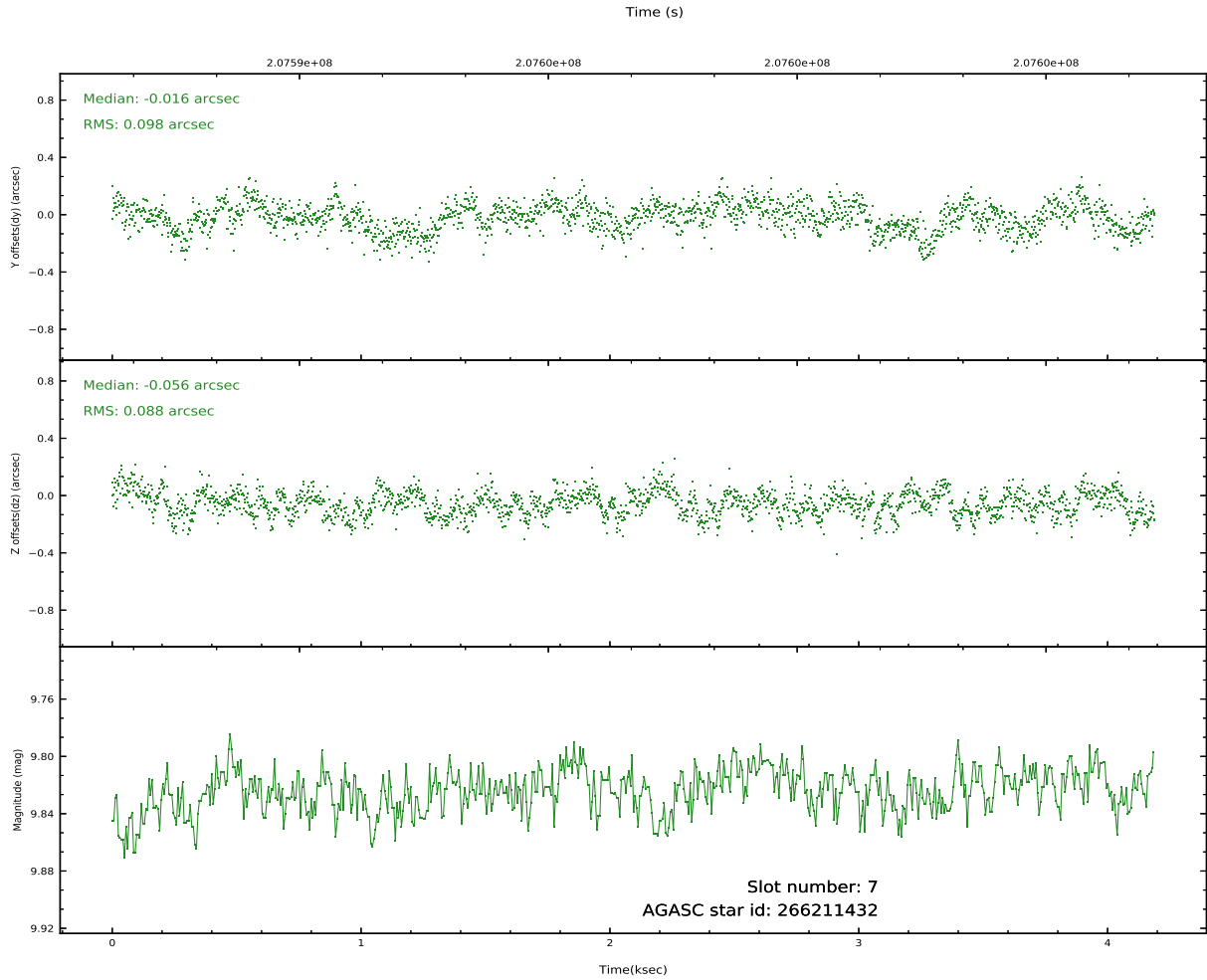
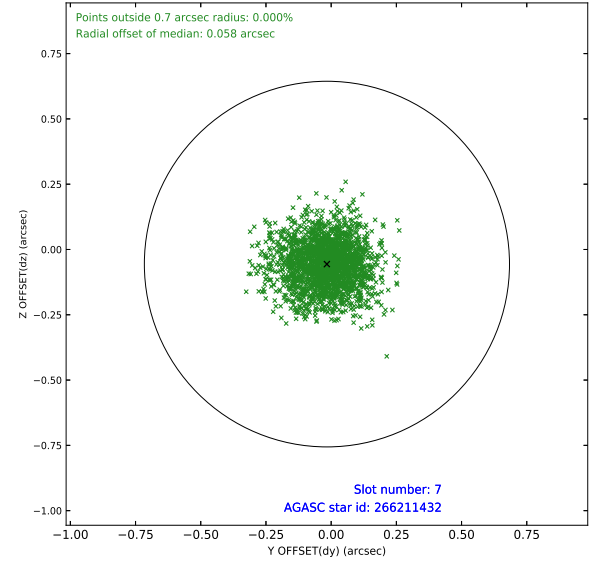
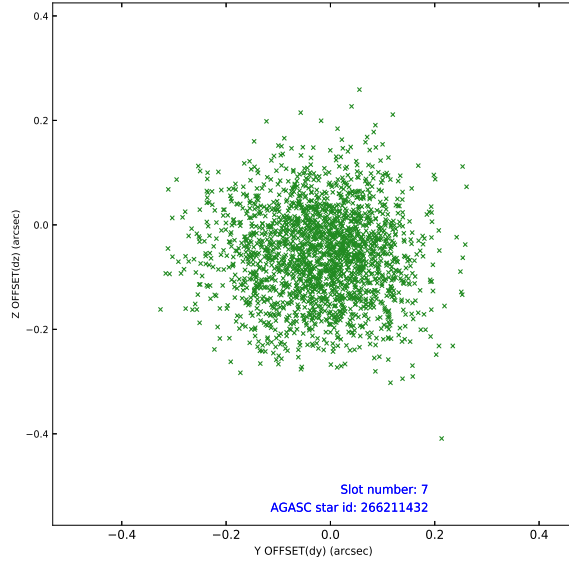
2.4.4 Slot 6



Time (s)

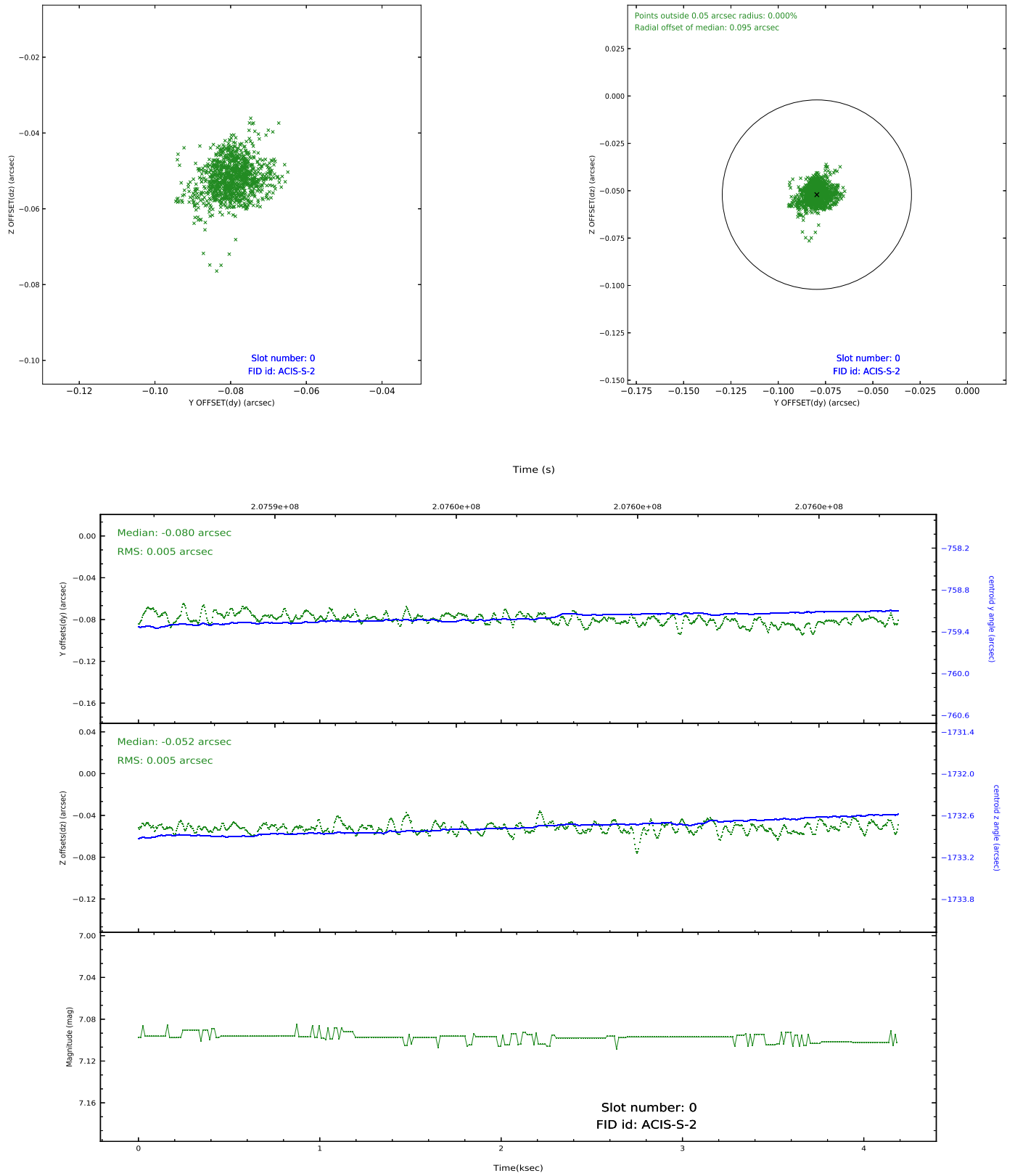


2.4.5 Slot 7

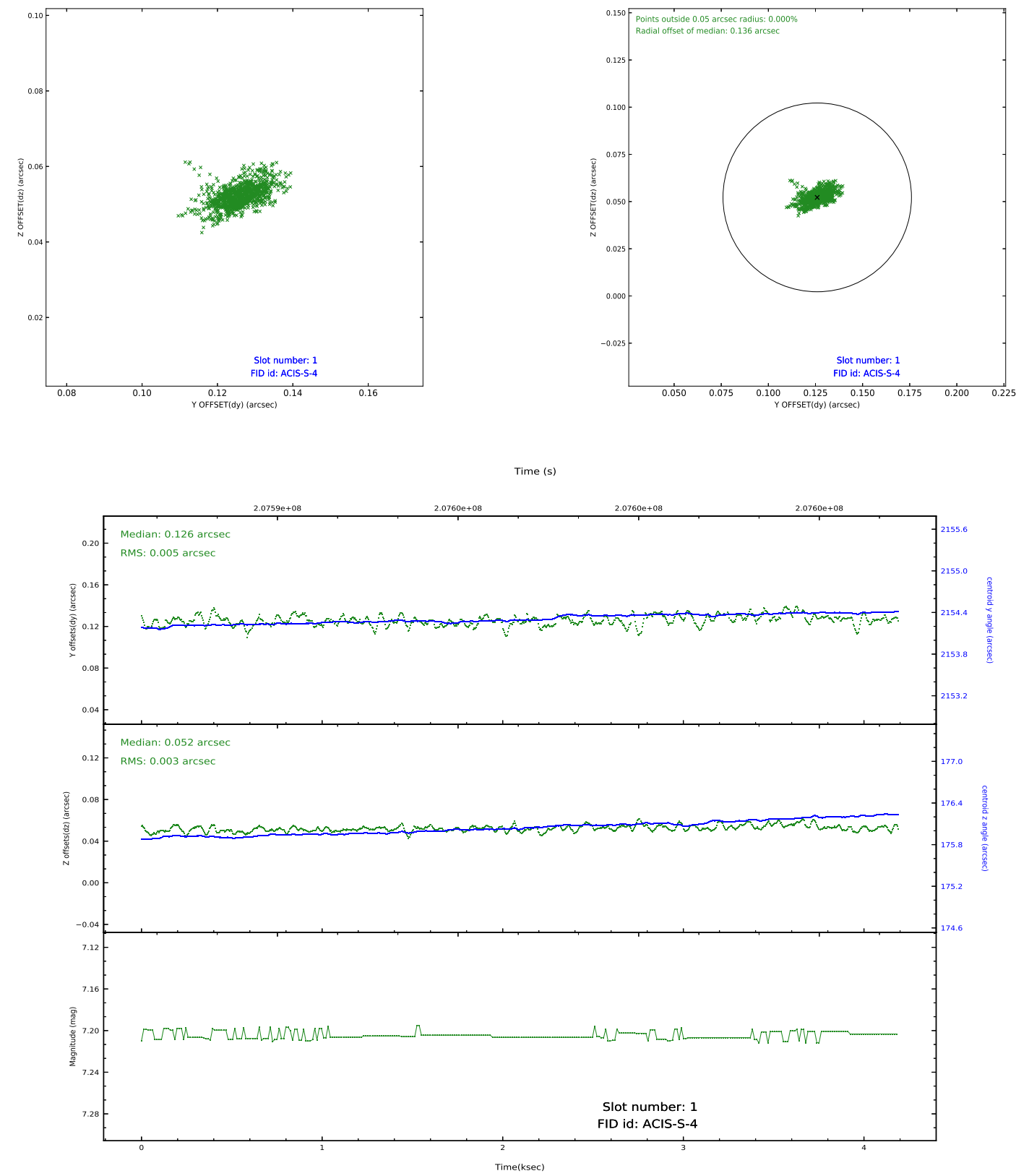


2.5 FID Slots

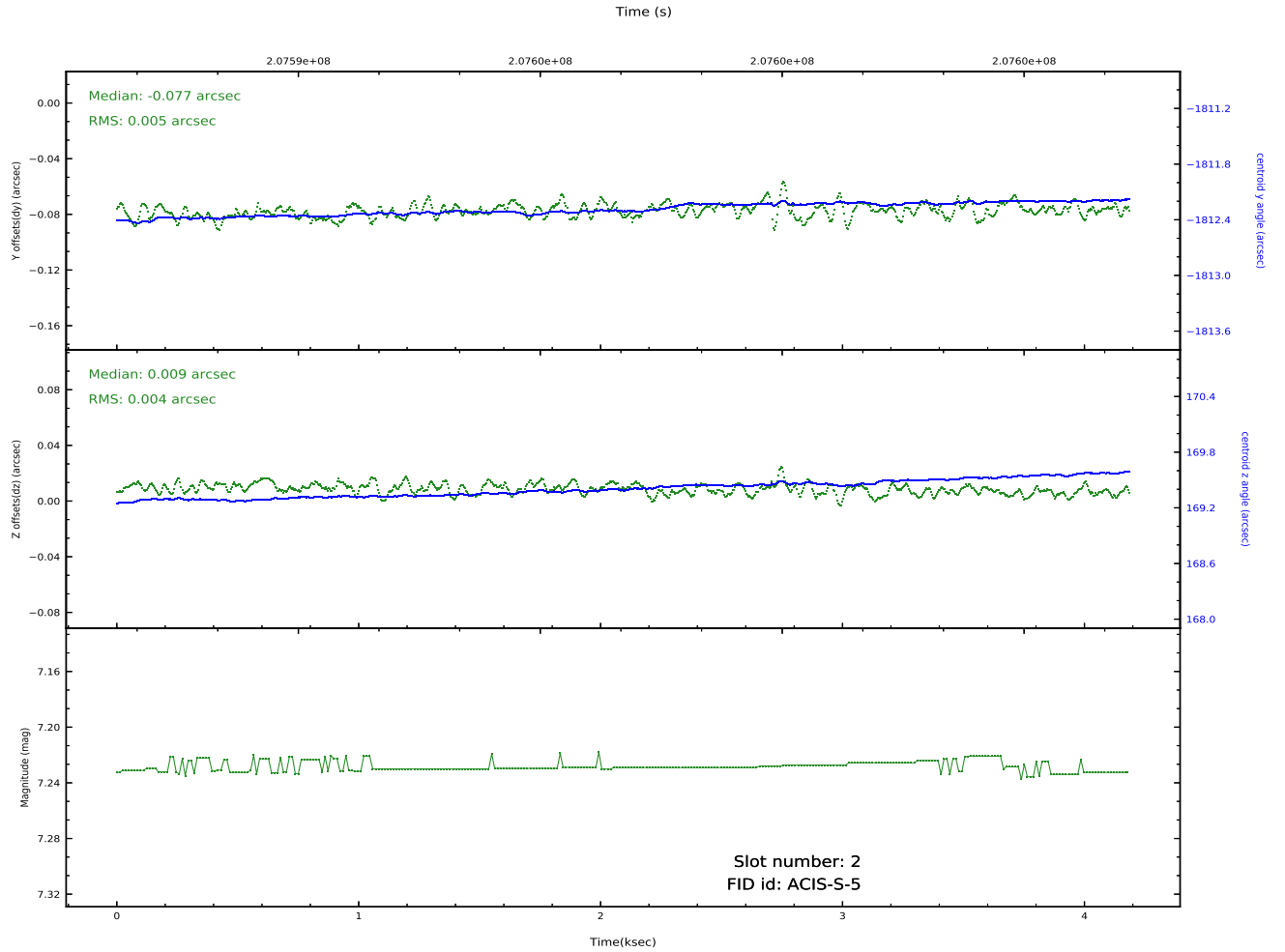
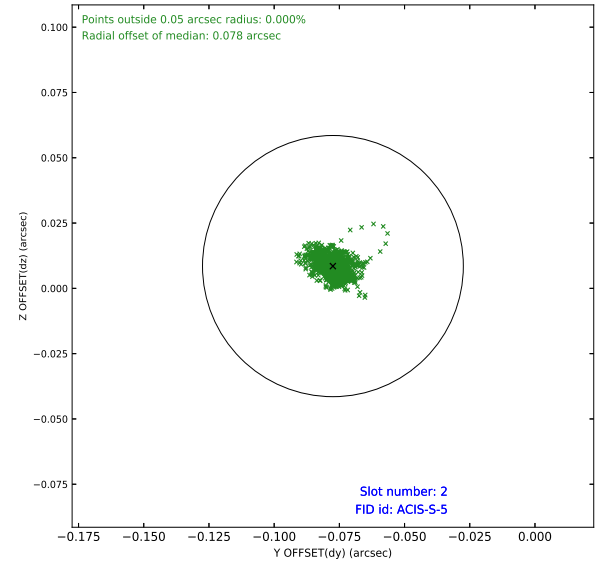
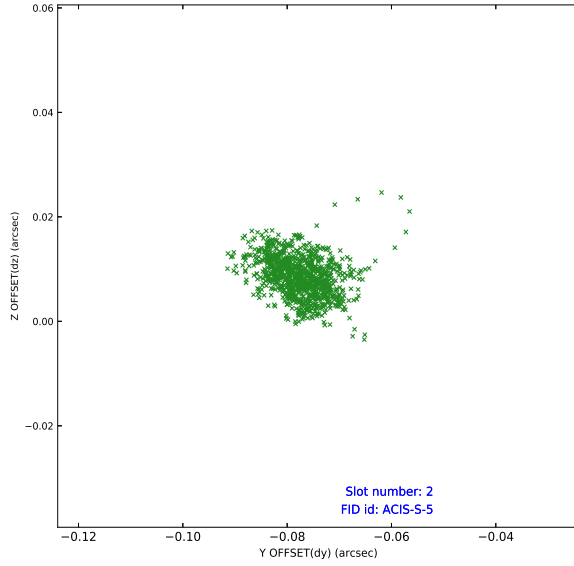
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2020.09.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.182

A.2 Comments