

V&V Reference Report

L2 ASCDS Version : 10.9.1

Observation 4777 - L2 Version 4
Chandra X-Ray Center

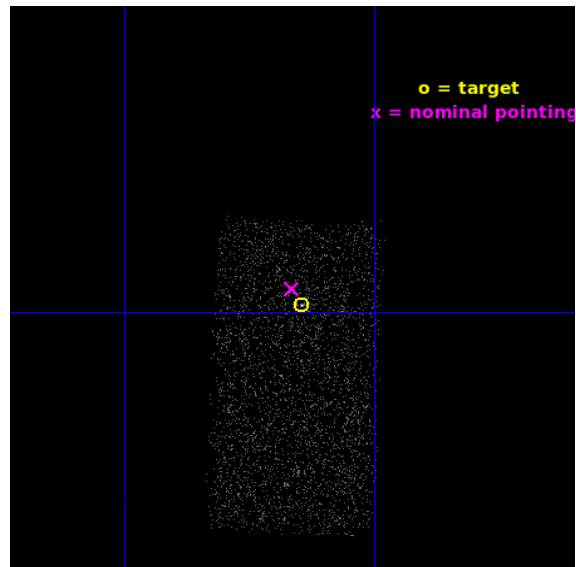
L2 Processing Date : Sep 23 2020

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1 Front

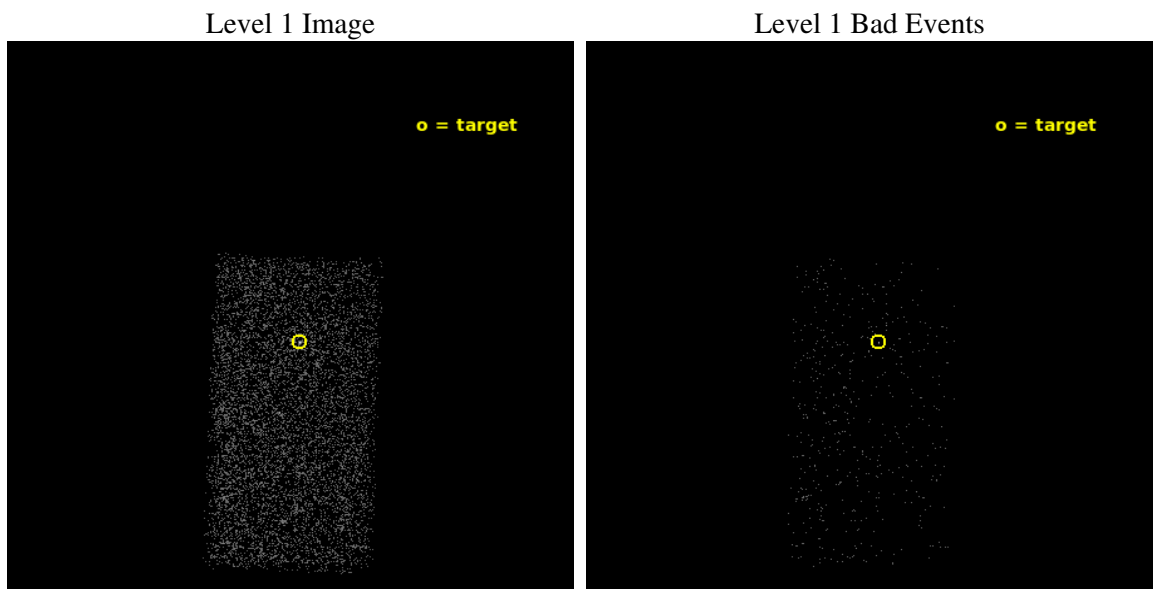
seq_num	700860	Sequence number
obs_id	4777	Observation id
title	Anchoring the AGN X-ray Luminosity Function	Proposal title
observer	Dr. JOHN SALZER	Principal investigator
object	KISS F1320-262	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	201.16125	Observer's specified target RA [deg]
dec_targ	29.169972	Observer's specified target Dec [deg]
ra_nom	201.16621113978	Nominal RA [deg]
dec_nom	29.177494467947	Nominal Dec [deg]
roll_nom	91.9558088475	Nominal Roll [deg]
revision	4	Processing version of data
ontime	2057.9589599967	Sum of GTIs [s]
livetime	2003.1527020681	Livetime [s]
ontime7	2057.9589599967	Sum of GTIs [s]
l2events	4029	Number of level 2 events



2 OBI

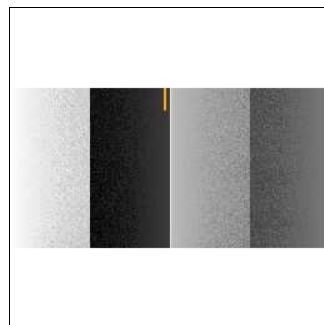
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	1891.000000	[s] Scheduled observation exposure time
ascdsver	10.9.1	Processing system revision	ontime	2057.9589599967	Sum of GTIs [s]
caldsver	4.9.2	 	ontime7	2057.9589599967	Sum of GTIs [s]
date	2020-09-23T05:37:10	Date and time of file creation	l1events	16200	Number of level 1 events
revision	4	Processing version of data			

2.1.4 Events

	ccd 7
level 1 events	16200
rejected events	12054
rejected %	74%

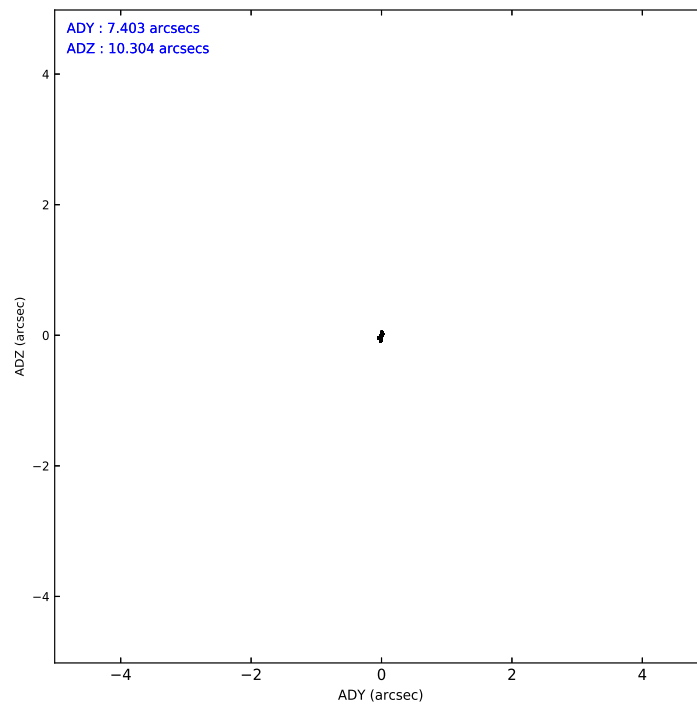
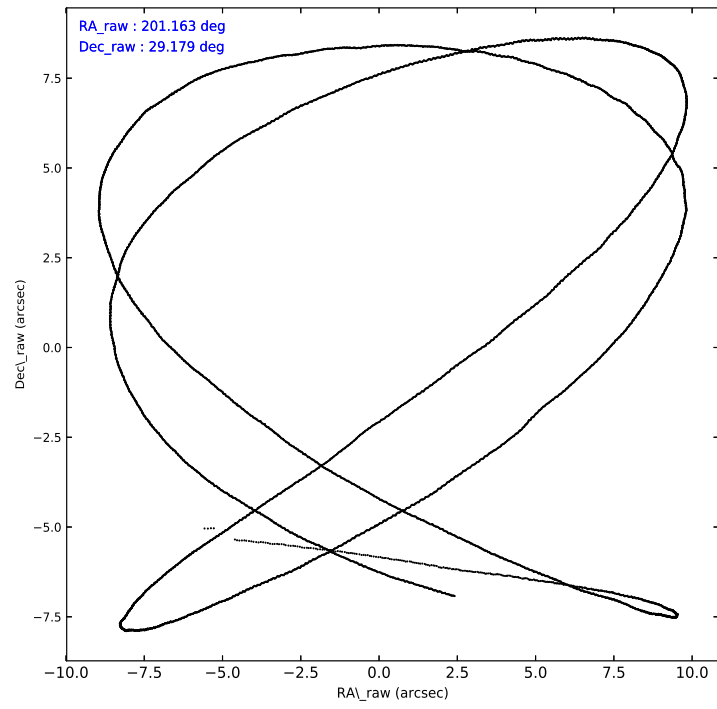
	ccd 7
grade 0 events	781
	4%
grade 1 events	28
	0%
grade 2 events	1407
	8%
grade 3 events	675
	4%
grade 4 events	711
	4%
grade 5 events	1531
	9%
grade 6 events	3576
	22%
grade 7 events	7491
	46%

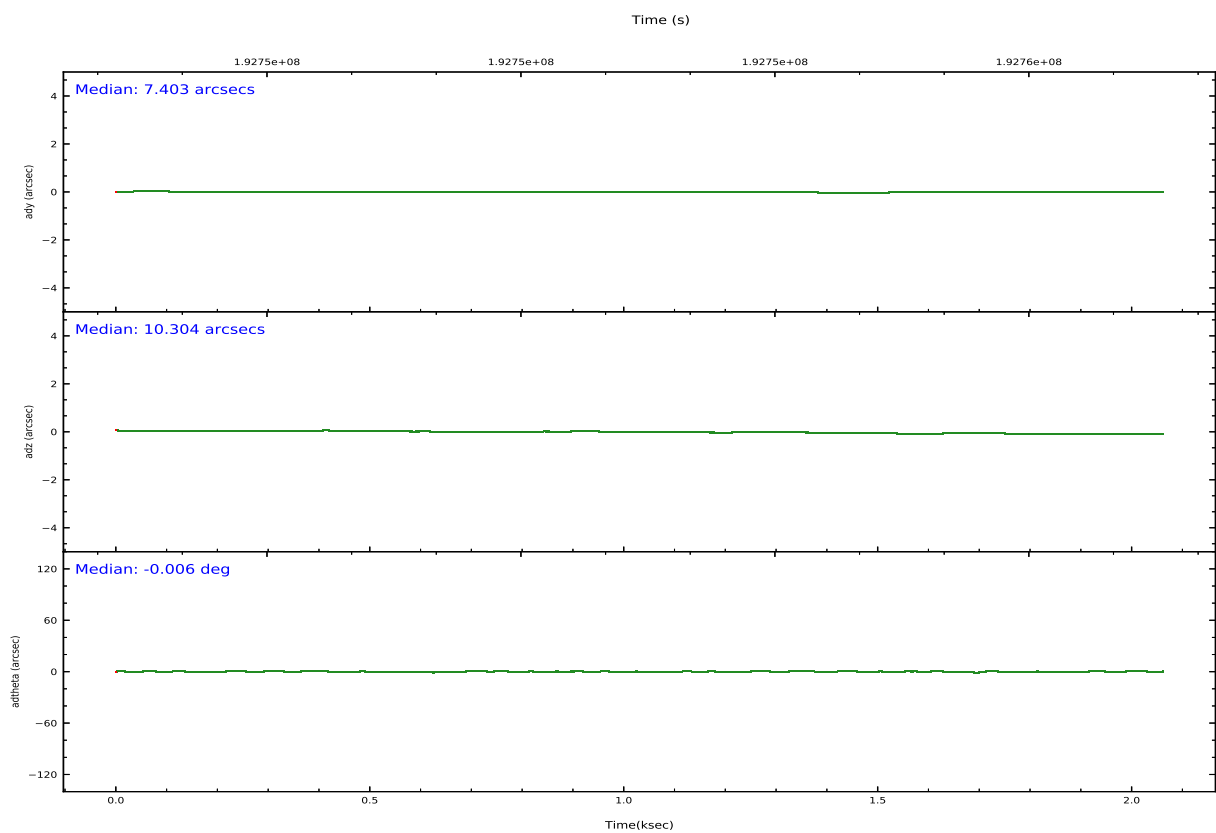
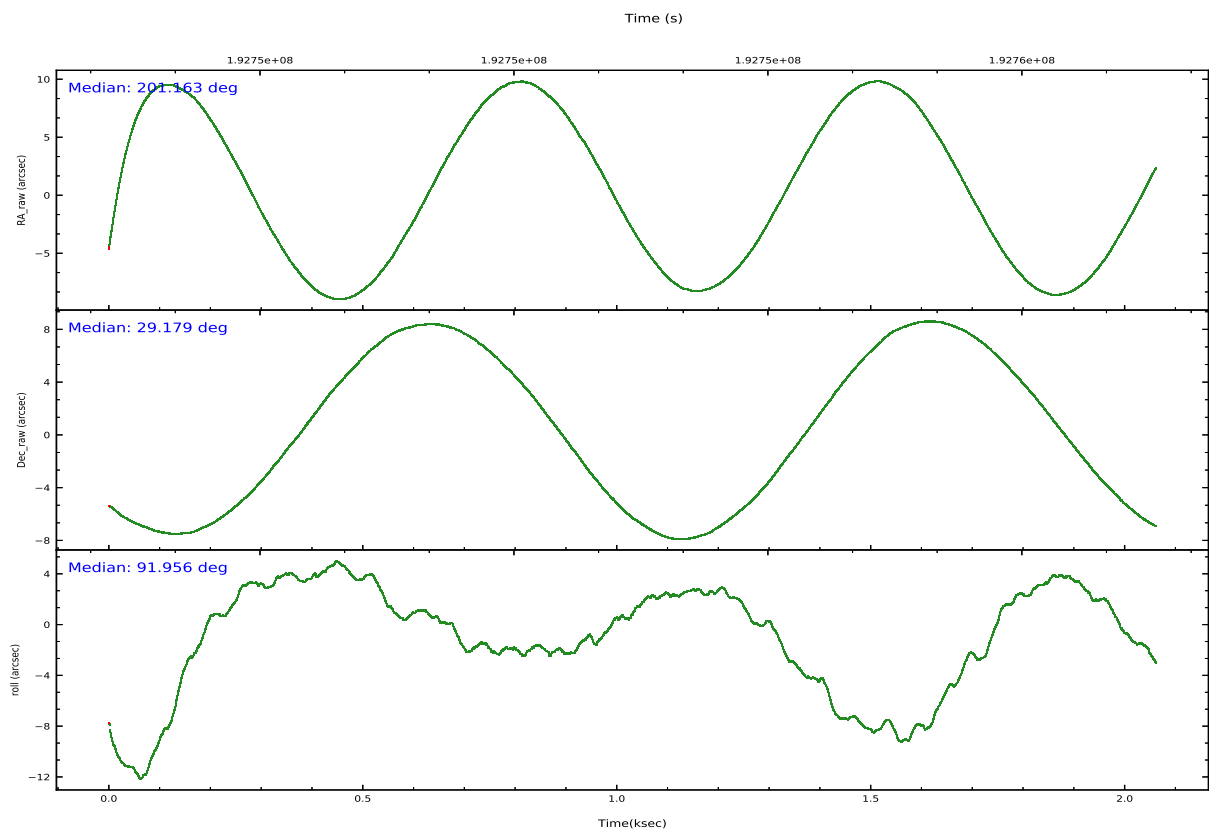
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-7	ACIS-7
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	POINTING	POINTING
[deg] Pointing RA	201.179681	201.16621113978
[deg] Pointing Dec	29.156640	29.177494467947
[deg] Pointing Roll	91.791309	91.95580884749999
[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)	192753374.184000	192751543.2734
Observation start date	2004-02-09T22:35:10	2004-02-09T22:05:43
[s] Observation end time (MET)	192755265.184000	192756066.0861
Observation end date	2004-02-09T23:06:41	2004-02-09T23:21:06
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar version number	8	8
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
Number of optional ACIS chips dropped	0	0
On-chip summing requested	N	N
Subarray requested	CUSTOM	1/2
Subarray start row	257	257
Subarray row count	512	512
Alternating exposures requested	N	N
[s] Primary exposure time	0.000000	1.5

2.3 Aspect



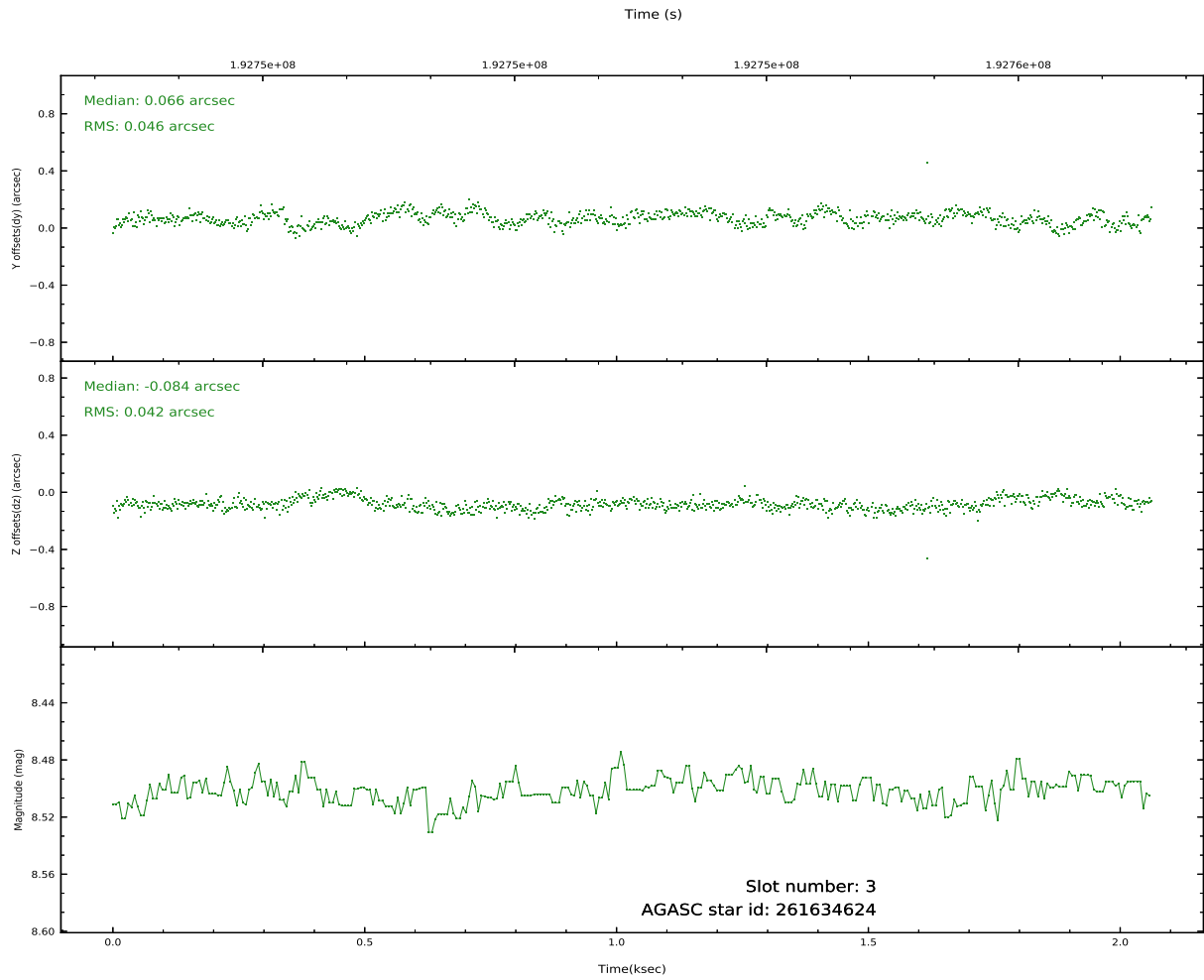
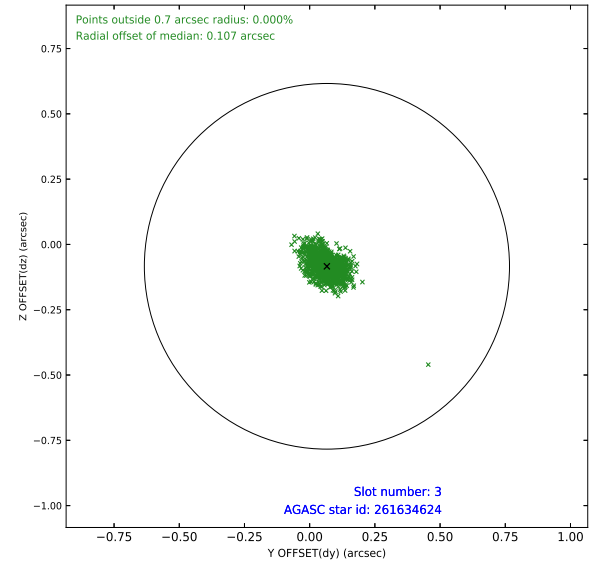
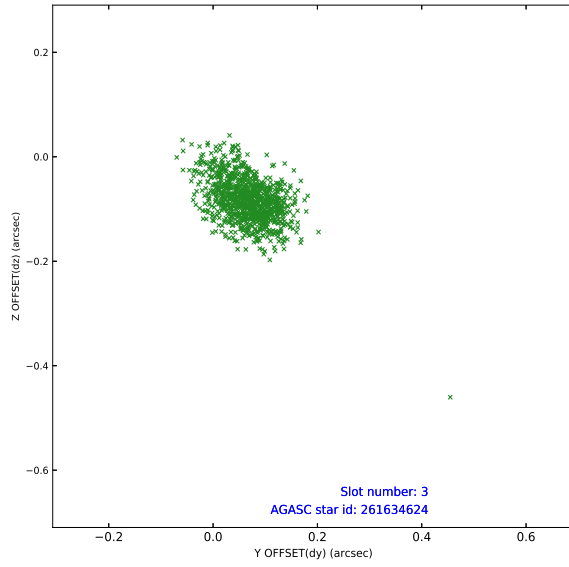


Slot Statistics

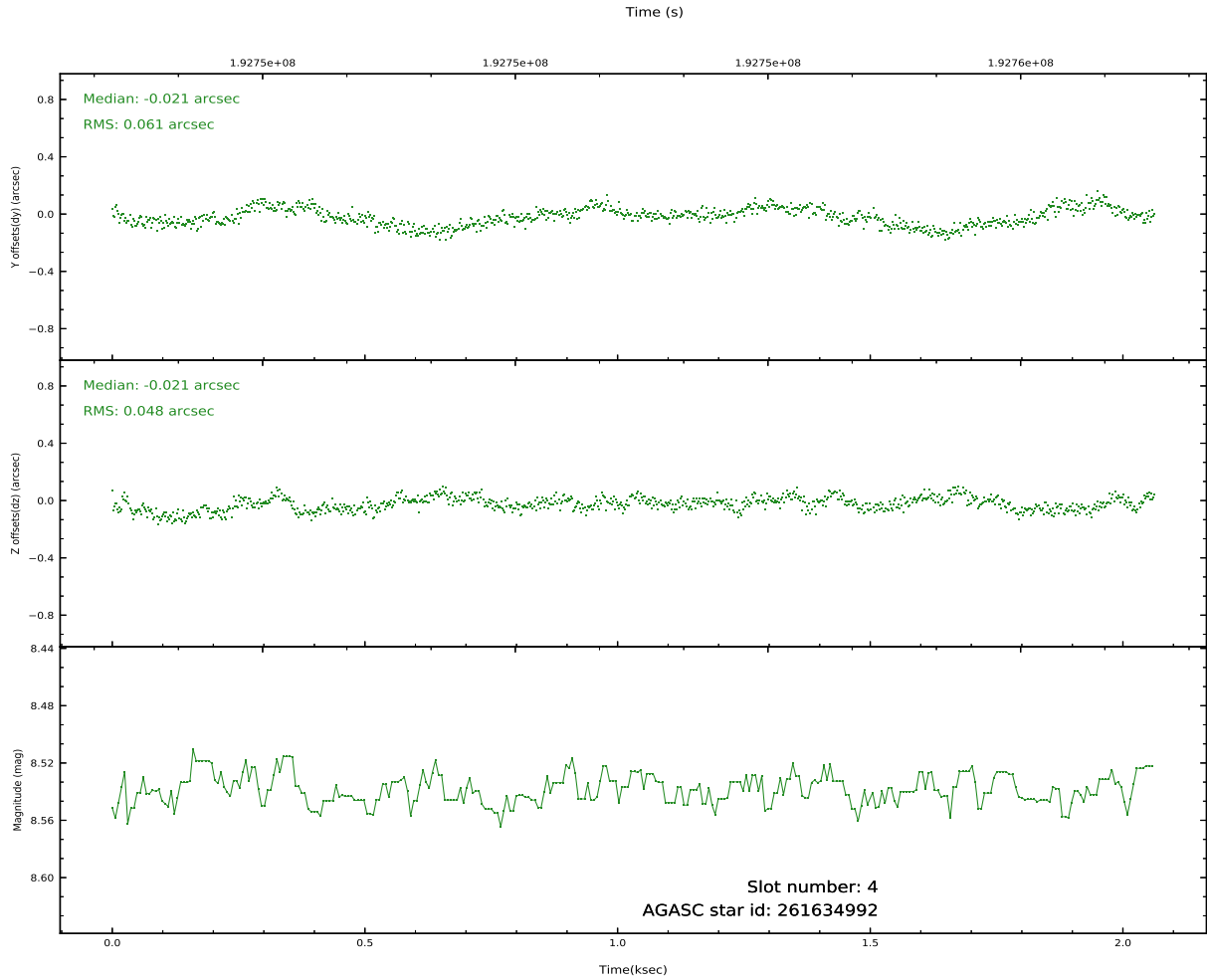
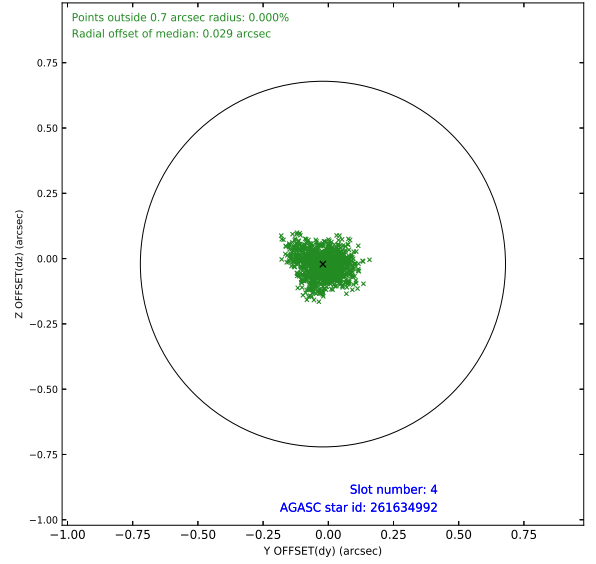
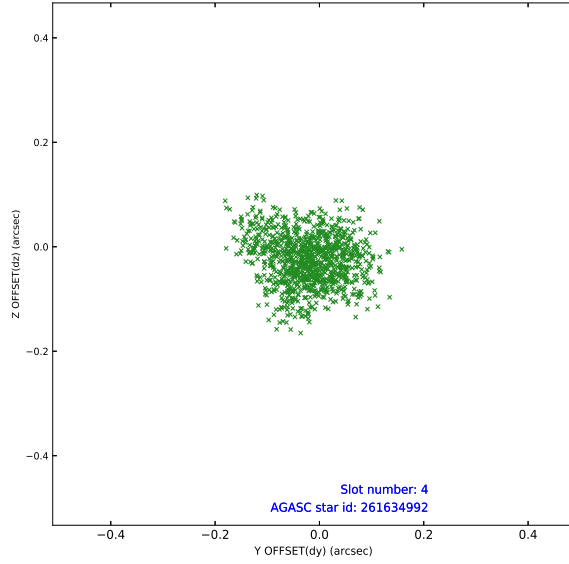
pt	status	used	id	mag	n_pts	frac_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mea
0	FID		ACIS-S-1	7.17	502	1.000	0.040	-0.070	0.006	0.011	0.000000	0.000000	935.94	-1727
1	FID		ACIS-S-5	7.23	502	1.000	-0.088	0.016	0.006	0.010	0.000000	0.000000	-1811.43	167
2	FID		ACIS-S-6	7.34	502	1.000	0.027	0.065	0.007	0.012	0.000000	0.000000	398.01	814
3	GUIDE	used	261634624	8.50	1005	1.000	0.066	-0.084	0.062	0.106	200.748061	28.522128	-2237.89	1435
4	GUIDE	used	261634992	8.54	1005	1.000	-0.021	-0.021	0.084	0.131	200.763863	29.074625	-254.11	1318
5	GUIDE	used	261635072	9.39	1004	1.000	0.010	0.020	0.119	0.193	200.638913	28.520080	-2233.39	1782
6	GUIDE	used	261635280	9.43	1005	1.000	-0.045	-0.025	0.103	0.159	200.698979	28.862615	-1009.80	1549
7	GUIDE	used	262541040	8.13	1004	1.000	-0.022	0.105	0.089	0.156	201.795177	28.874292	-1072.12	-1906

2.4 Star Slots

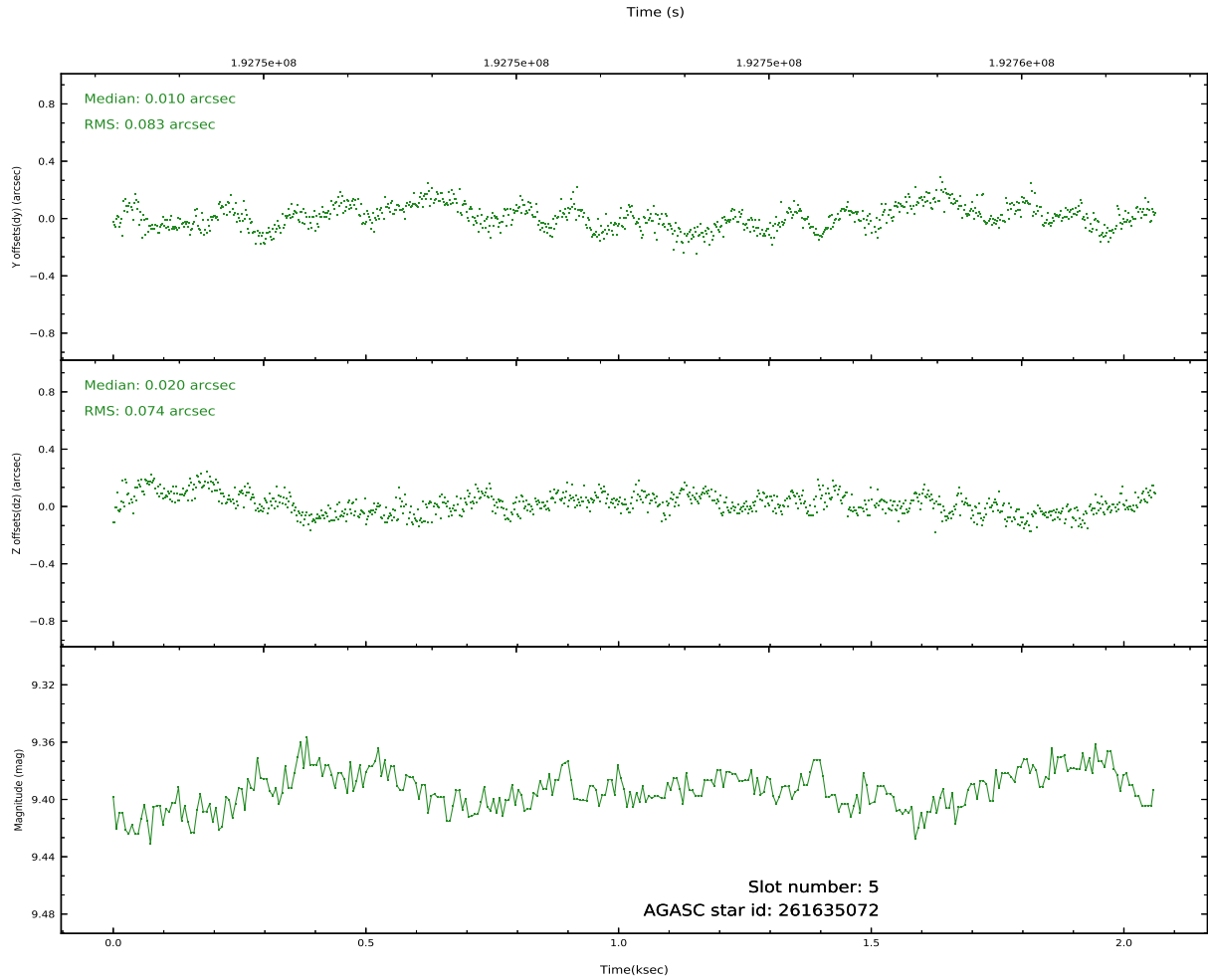
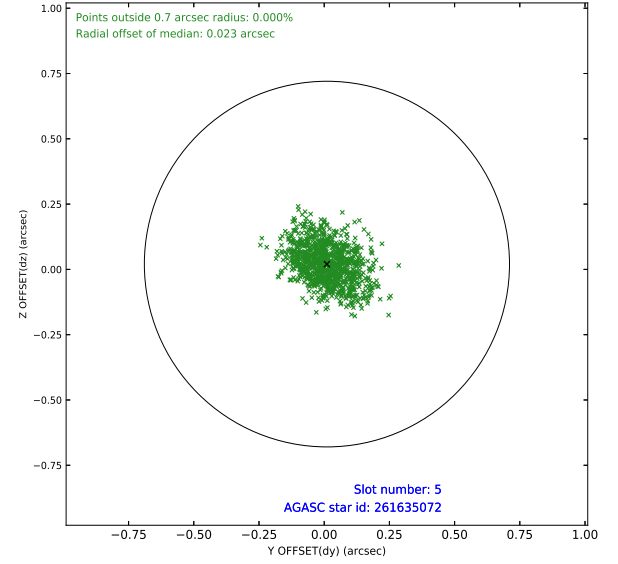
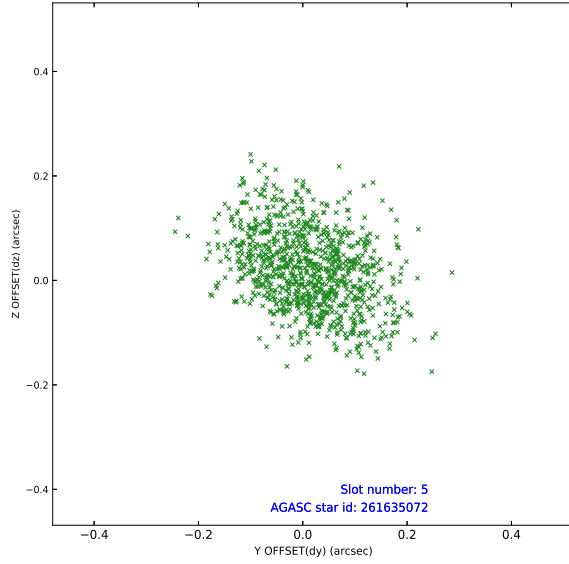
2.4.1 Slot 3



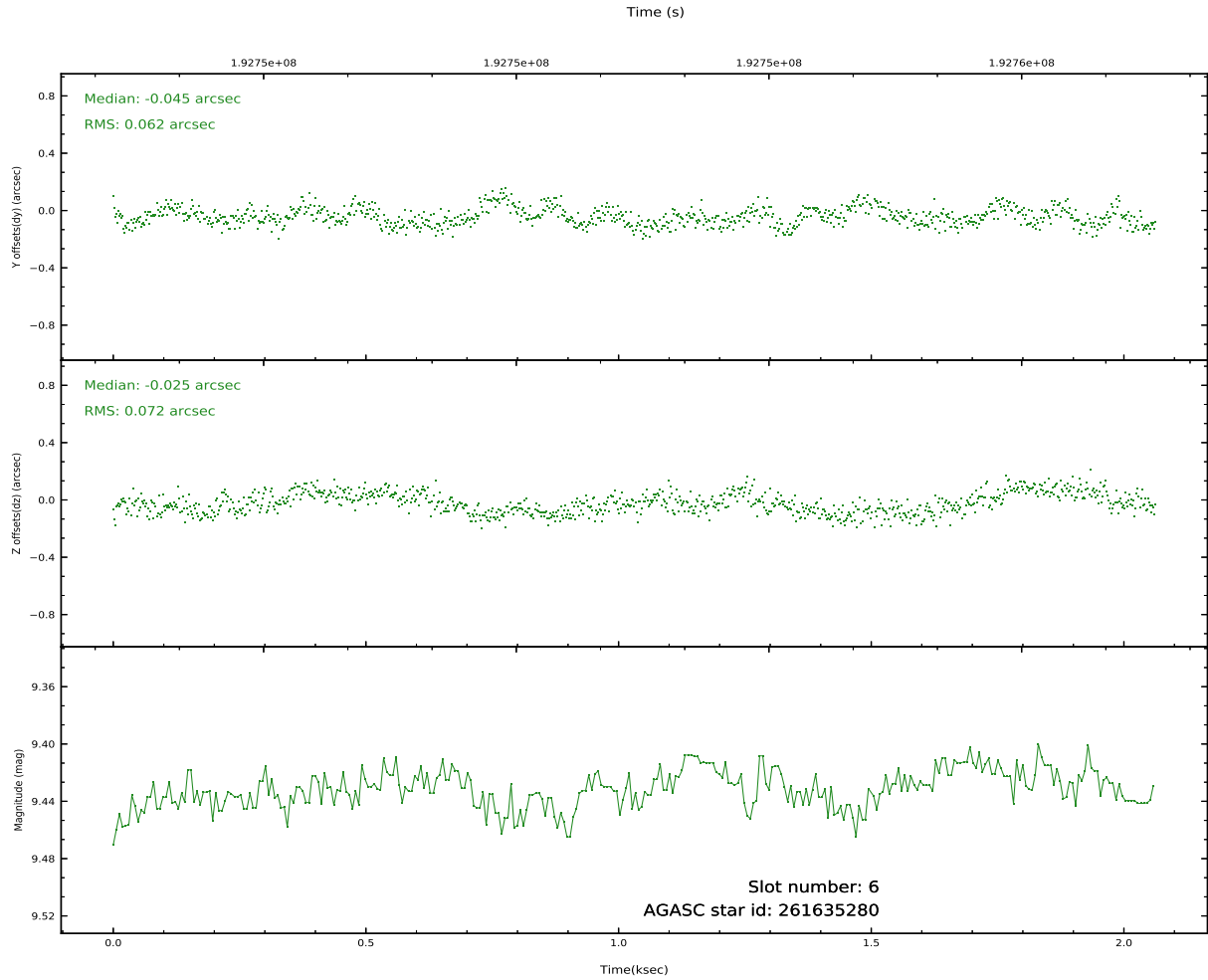
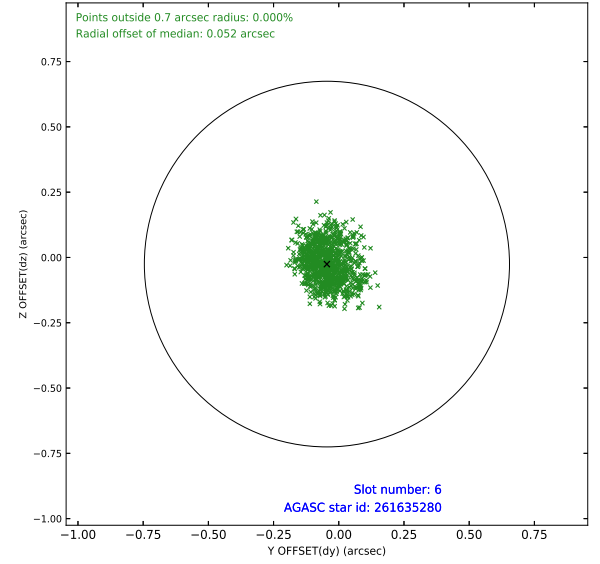
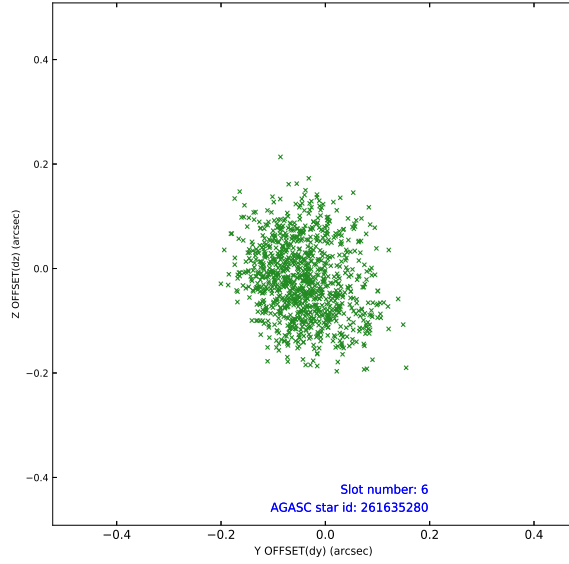
2.4.2 Slot 4



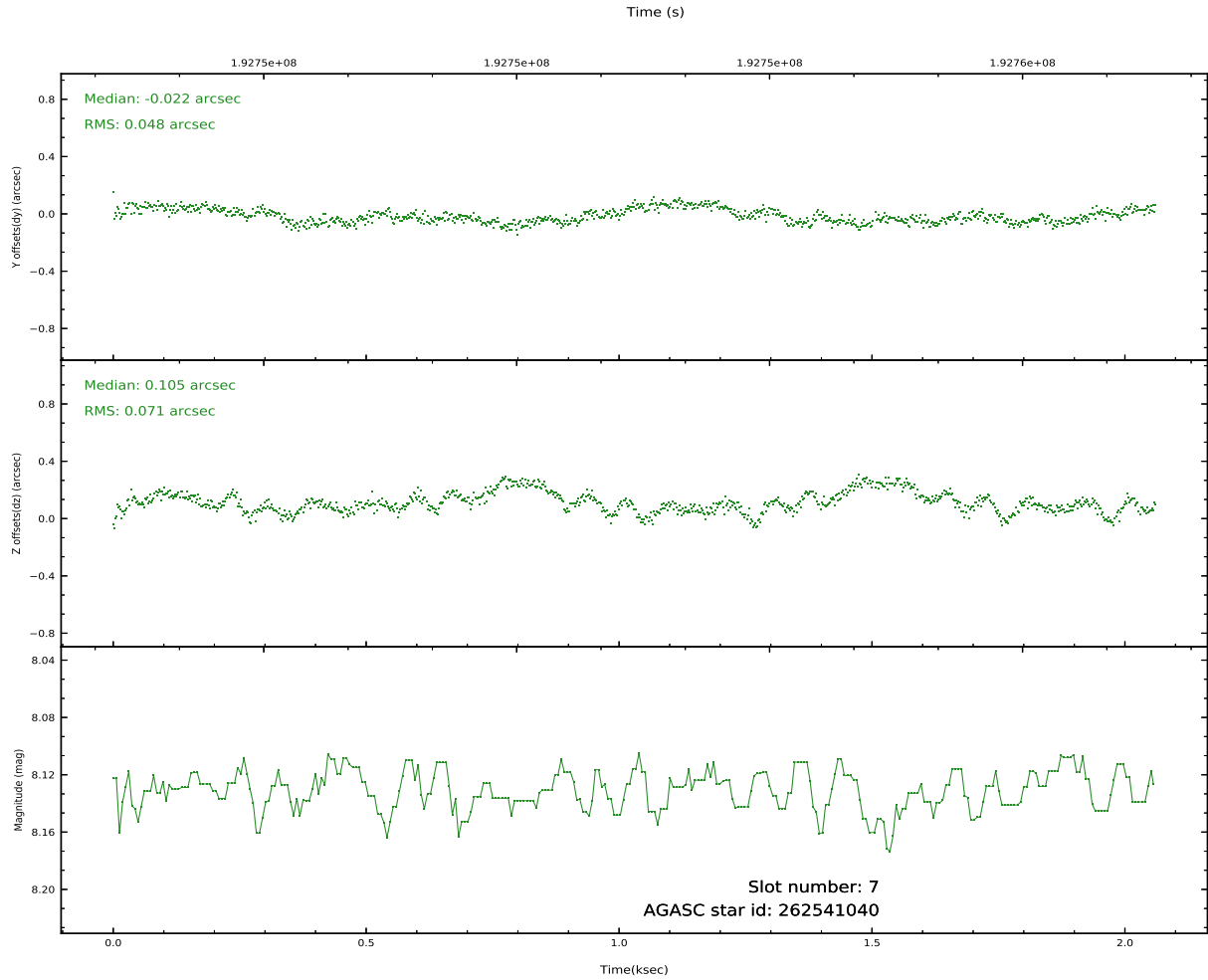
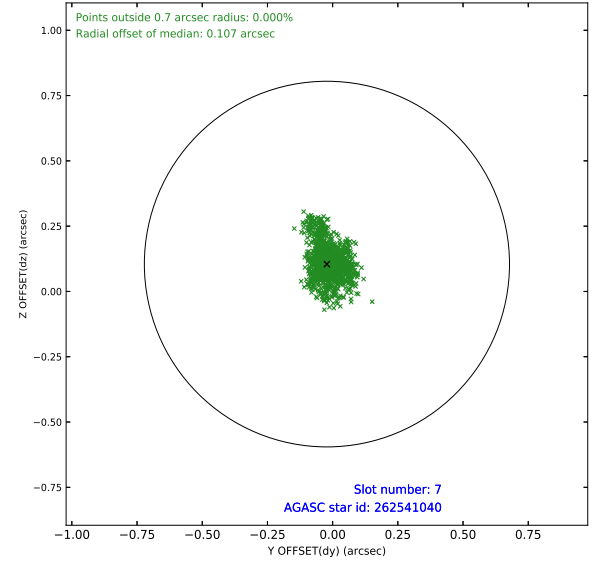
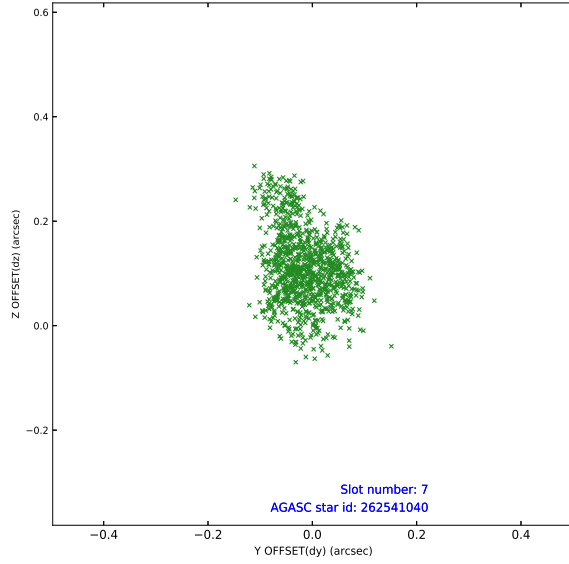
2.4.3 Slot 5



2.4.4 Slot 6

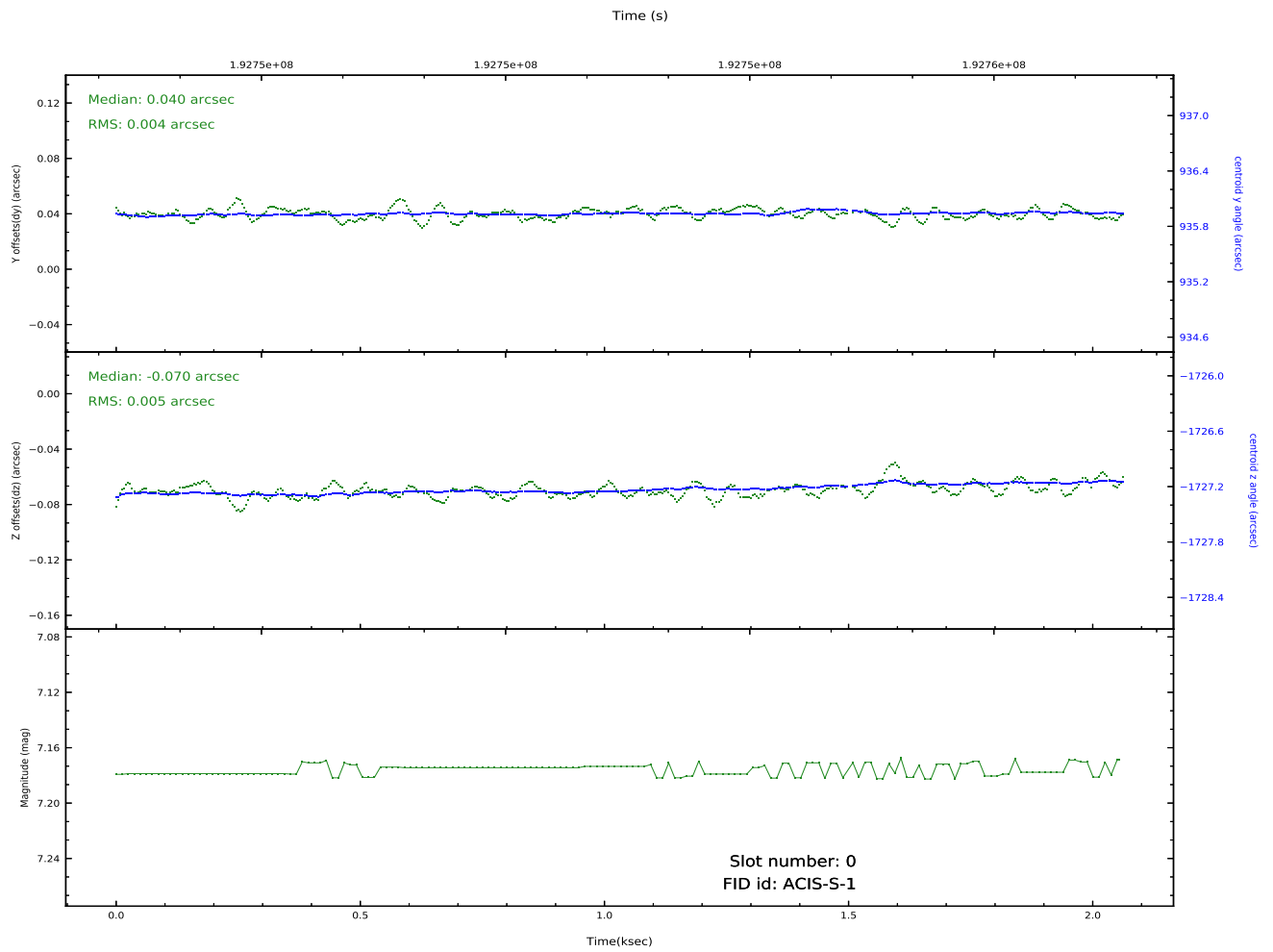
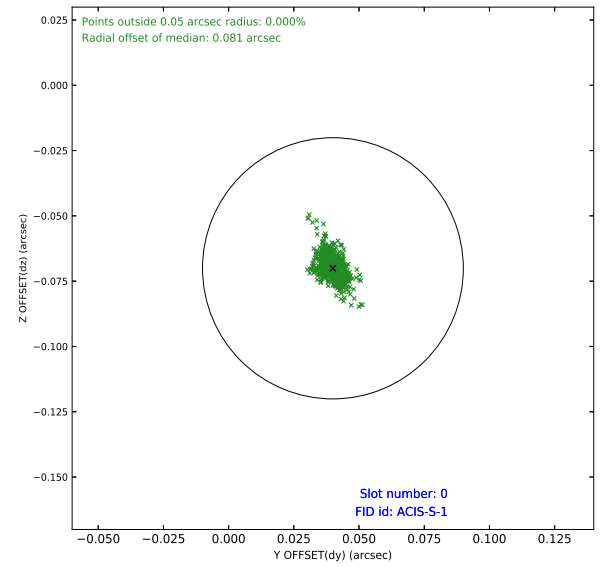
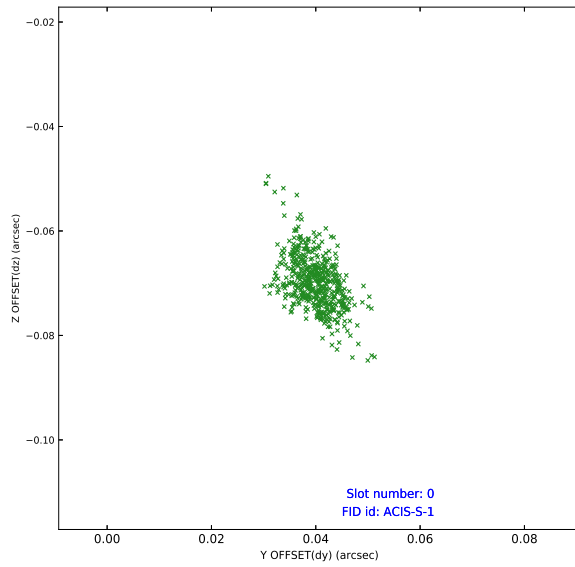


2.4.5 Slot 7

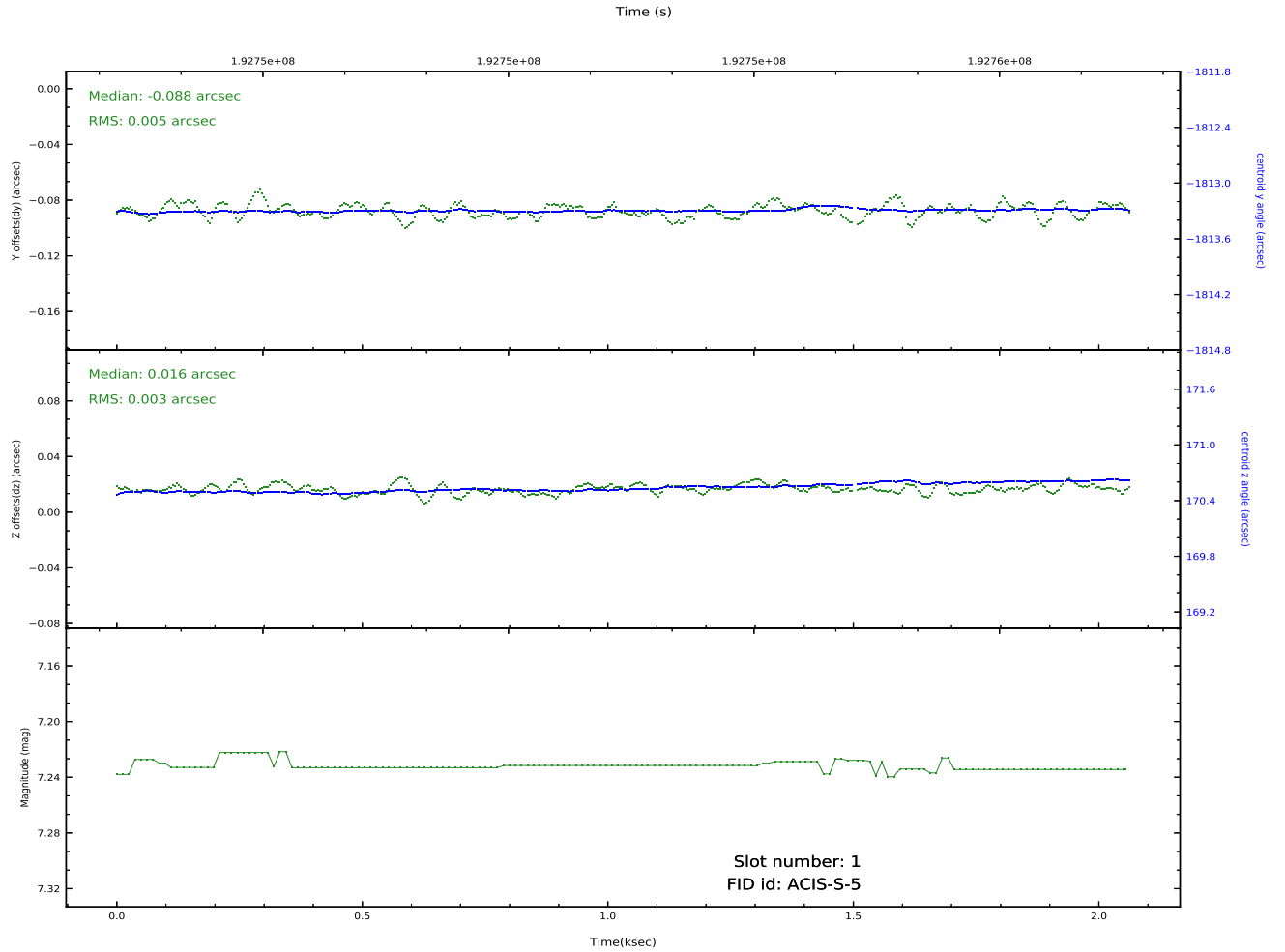
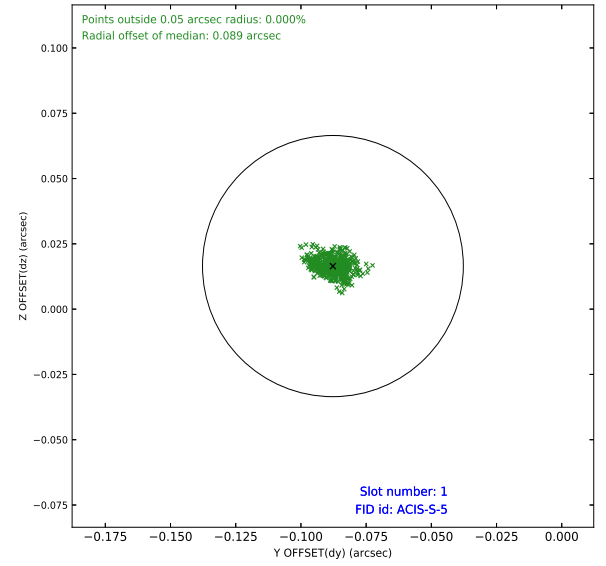
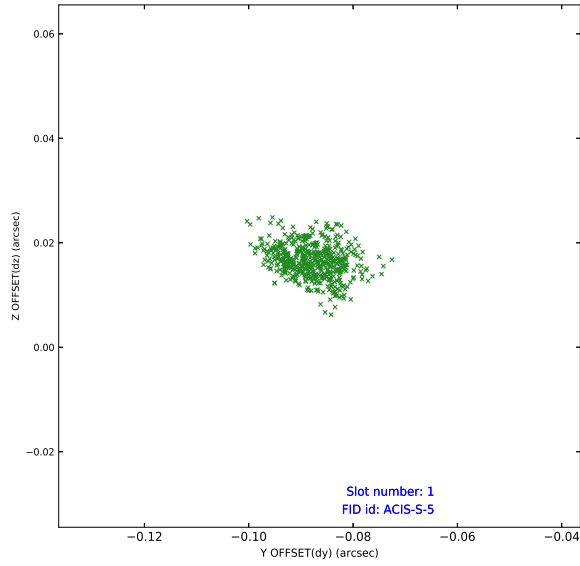


2.5 FID Slots

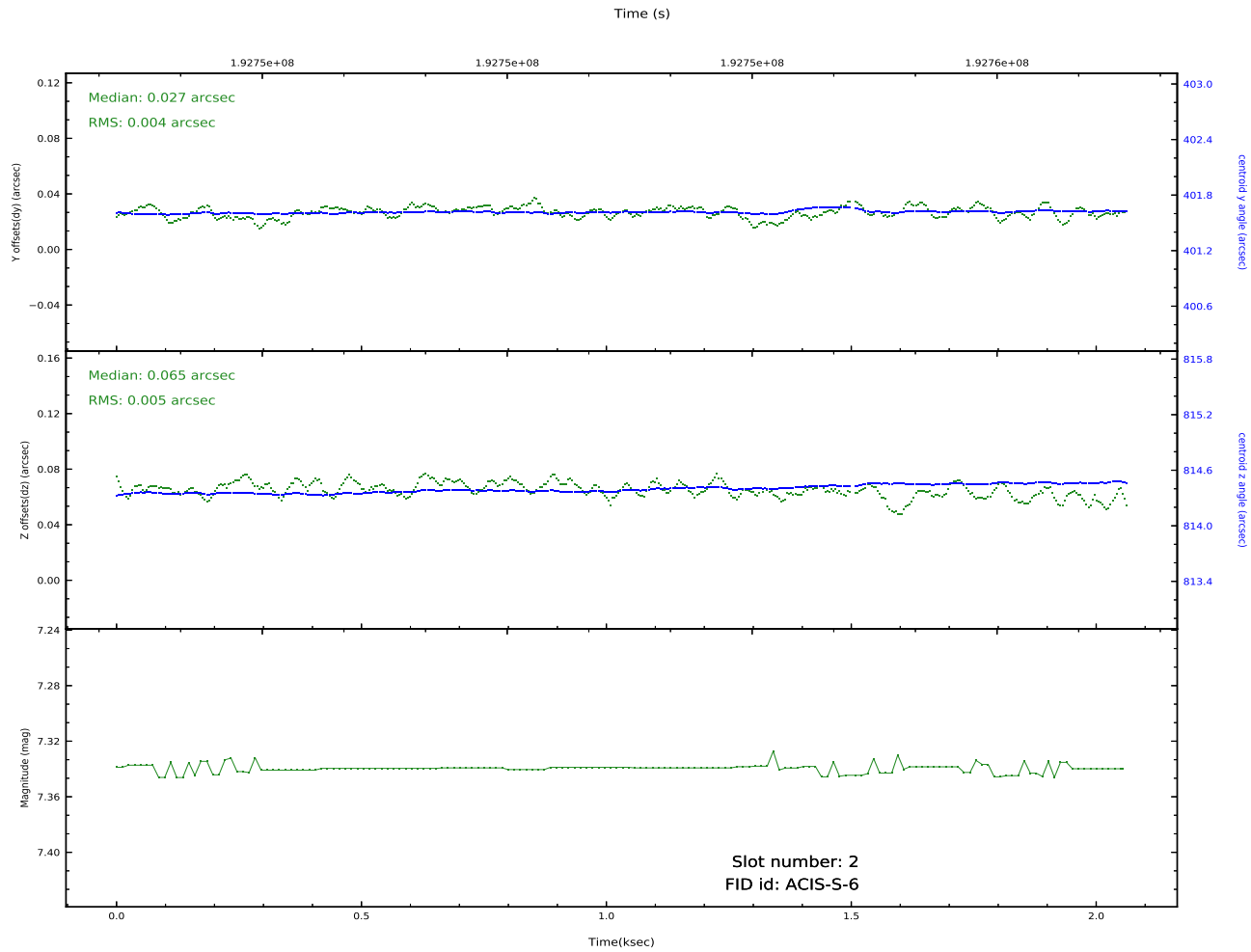
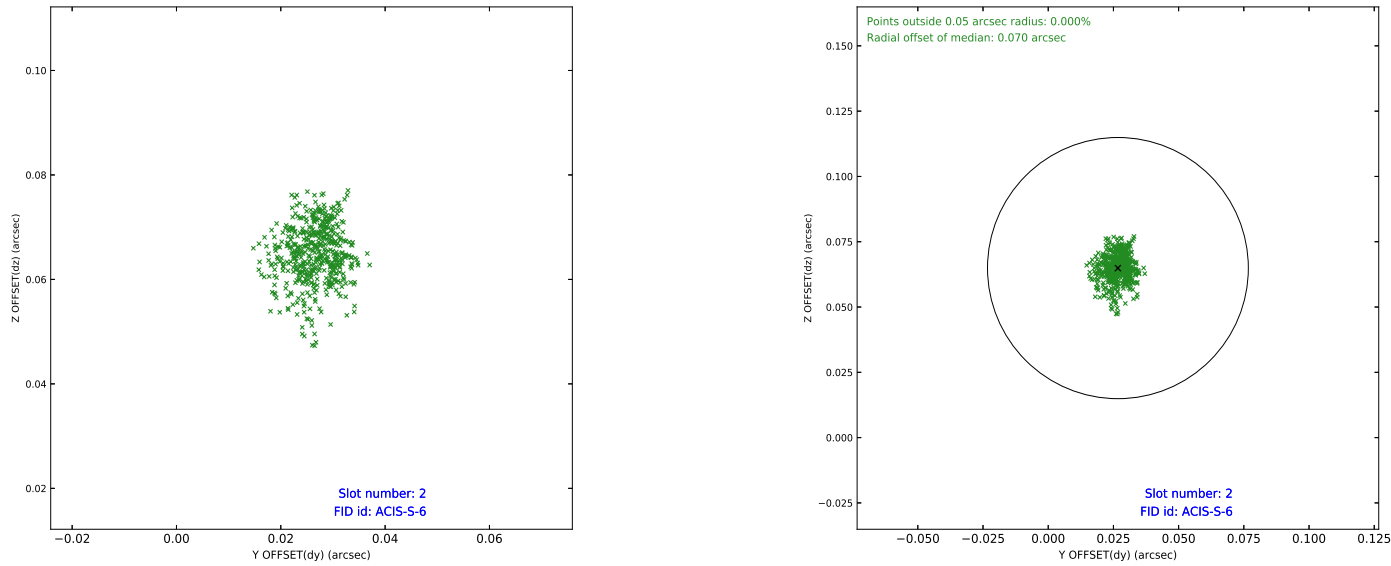
2.5.1 Slot 0



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)	2020.09.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.057

A.2 Comments