

V&V Reference Report

L2 ASCDS Version : 10.9.1

Observation 5661 - L2 Version 4
Chandra X-Ray Center

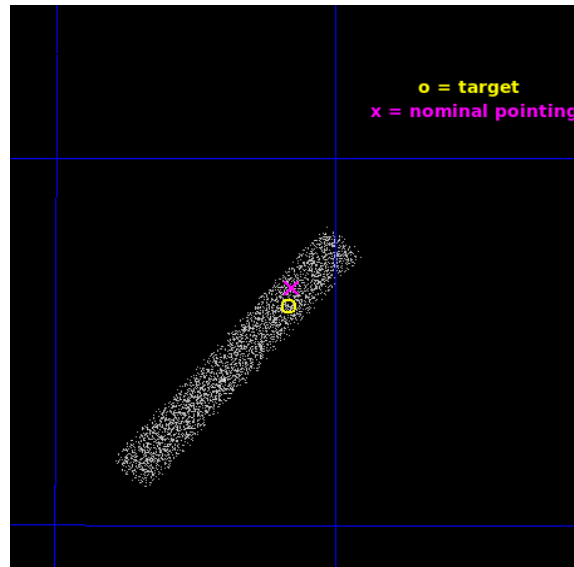
L2 Processing Date : Oct 5 2020

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1 Front

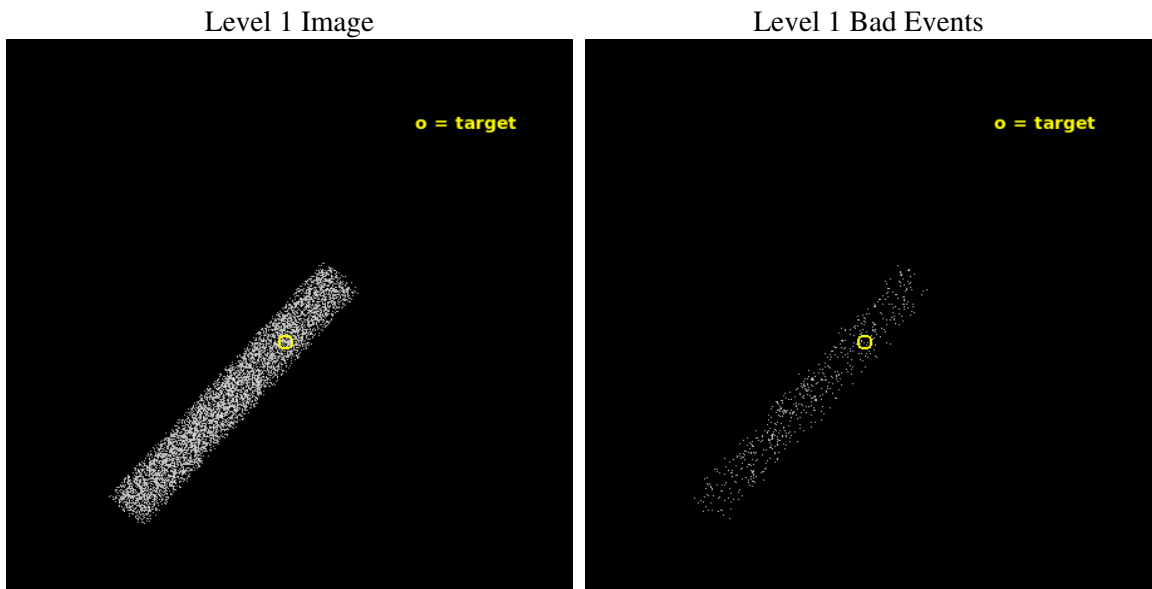
seq_num	701084	Sequence number
obs_id	5661	Observation id
title	X-ray Properties of AGNs with Intermediate-mass Black Holes	Propos
observer	Dr. Luis Ho	Principal investigator
object	SDSS J094310.12+604559.1	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	145.792083	Observer's specified target RA [deg]
dec_targ	60.766417	Observer's specified target Dec [deg]
ra_nom	145.78894464336	Nominal RA [deg]
dec_nom	60.774685632066	Nominal Dec [deg]
roll_nom	131.16059939832	Nominal Roll [deg]
revision	4	Processing version of data
ontime	5546.800082624	Sum of GTIs [s]
livetime	5030.6548908253	Livetime [s]
ontime7	5546.800082624	Sum of GTIs [s]
l2events	3781	Number of level 2 events



2 OBI

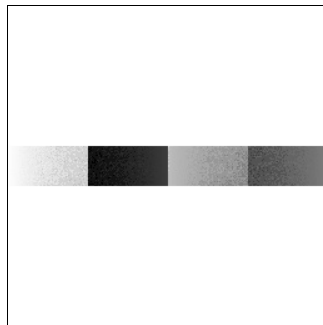
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	5359.000000	[s] Scheduled observation exposure time
ascdsver	10.9.1	Processing system revision	ontime	5546.800082624	Sum of GTIs [s]
caldsver	4.9.2	 	ontime7	5546.800082624	Sum of GTIs [s]
date	2020-10-06T03:22:19	Date and time of file creation	l1events	8698	Number of level 1 events
revision	4	Processing version of data			

2.1.4 Events

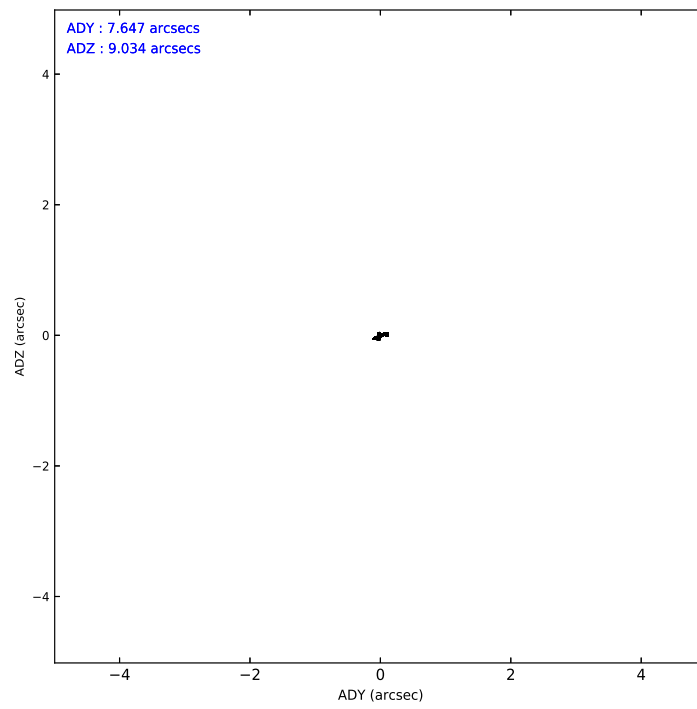
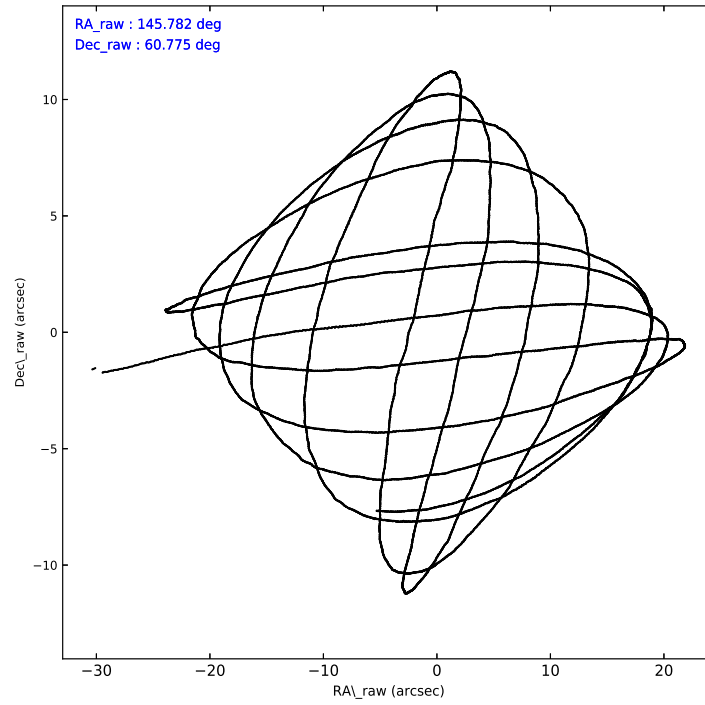
	ccd 7
level 1 events	8698
rejected events	4776
rejected %	54%

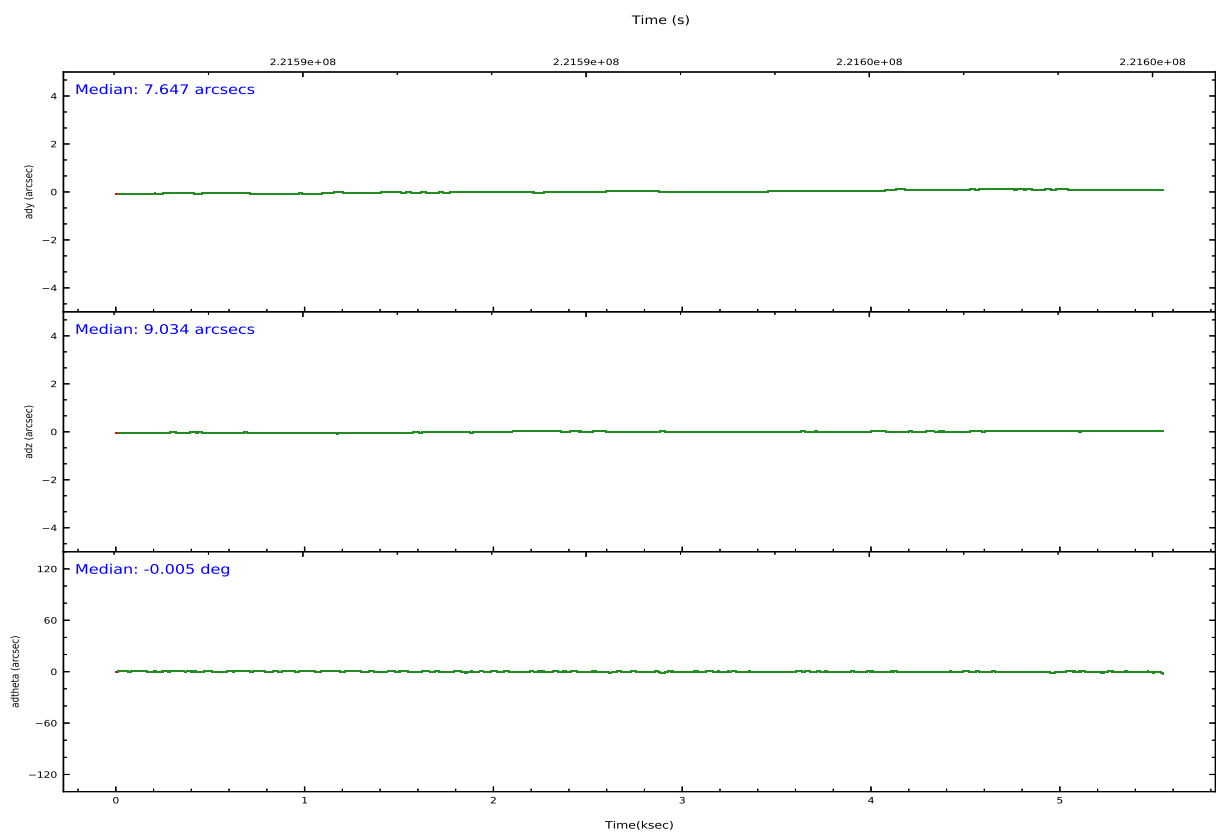
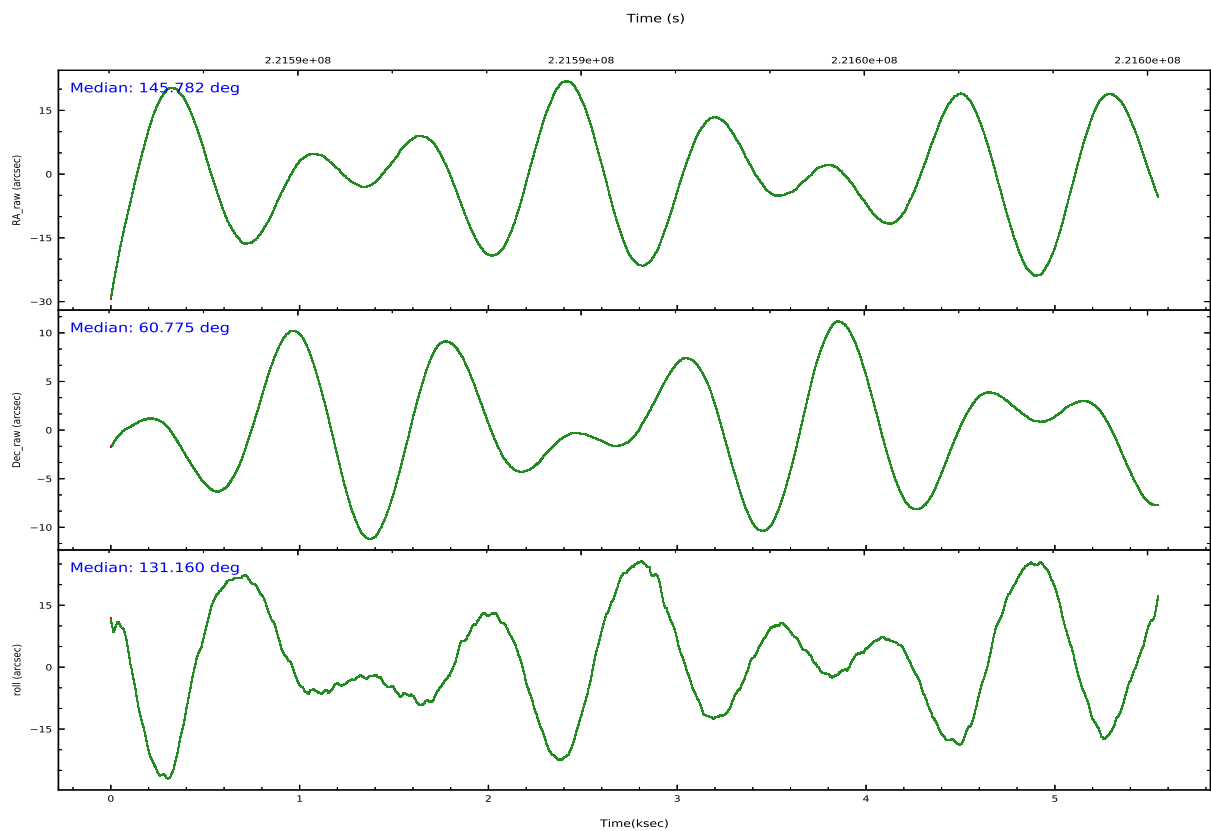
	ccd 7
grade 0 events	473
	5%
grade 1 events	8
	0%
grade 2 events	823
	9%
grade 3 events	565
	6%
grade 4 events	507
	5%
grade 5 events	748
	8%
grade 6 events	2146
	24%
grade 7 events	3428
	39%

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	145.834879	145.78894464336	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	60.766248	60.774685632066	Subarray start row	449	449
[deg] Pointing Roll	130.954982	131.16059939832	Subarray row count	128	128
[mm] SIM focus pos	-0.684267	-0.6828225247311905	Alternating exposures requested	N	N
[mm] SIM defocus	0	0.001444936568705701	[s] Primary exposure time	0.000000	0.4
[mm] SIM translation stage pos	-190.132523	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	221592197.184000	221591050.12953			
Observation start date	2005-01-08T17:22:13	2005-01-08T17:04:10			
[s] Observation end time (MET)	221597556.184000	221598099.56735			
Observation end date	2005-01-08T18:51:32	2005-01-08T19:01:39			
Read mode	TIMED	TIMED			

2.3 Aspect



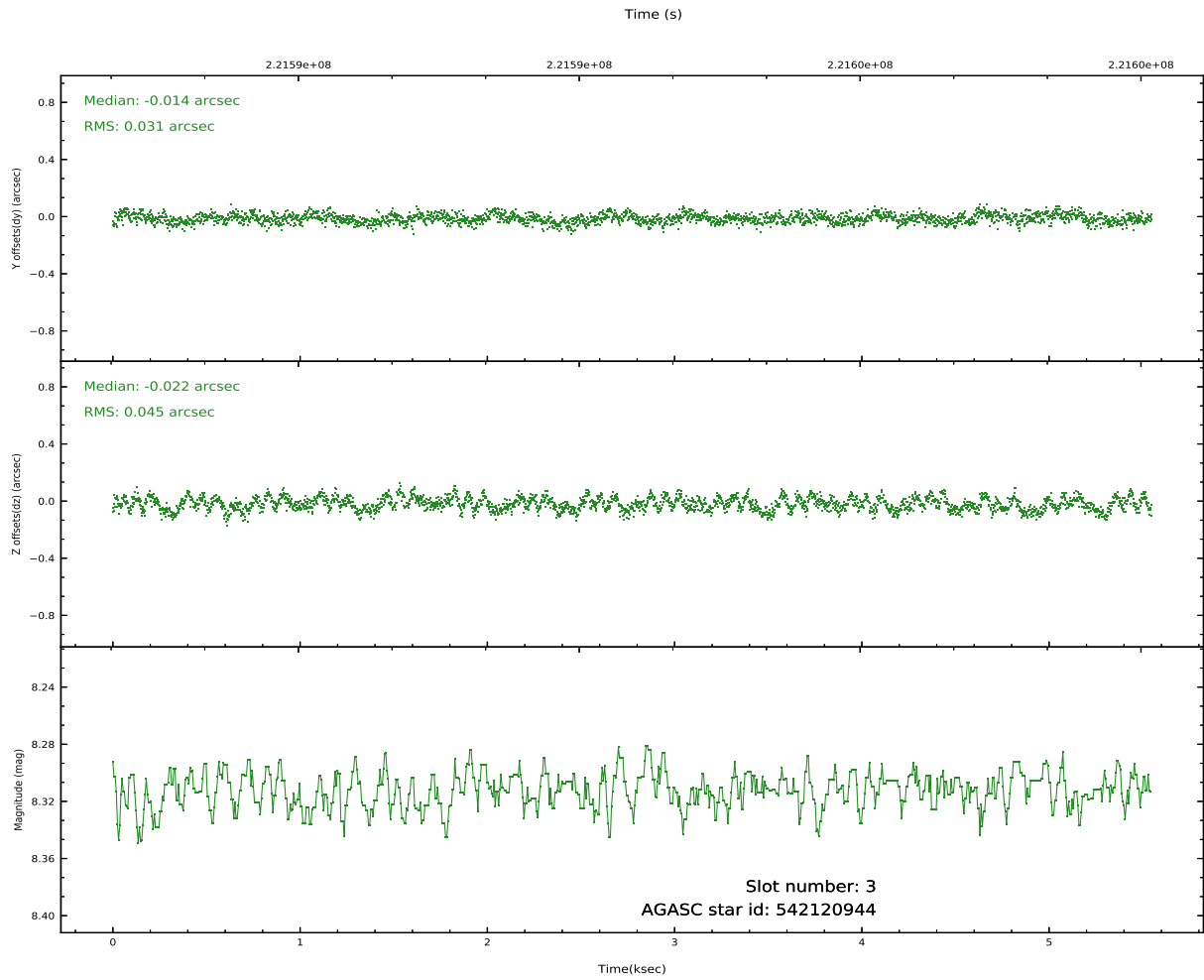
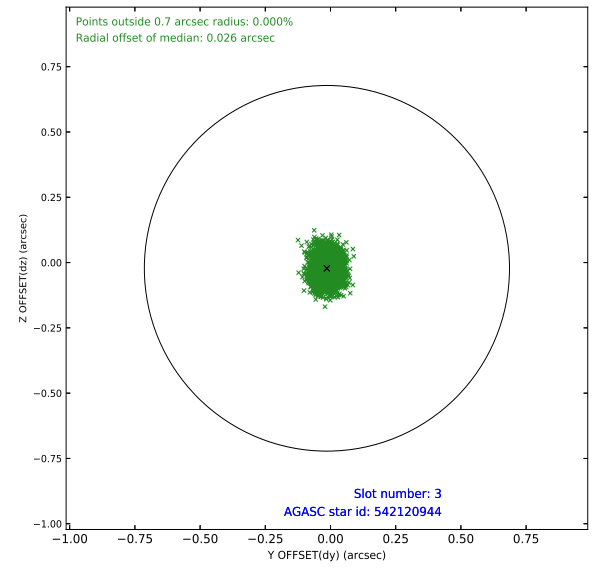
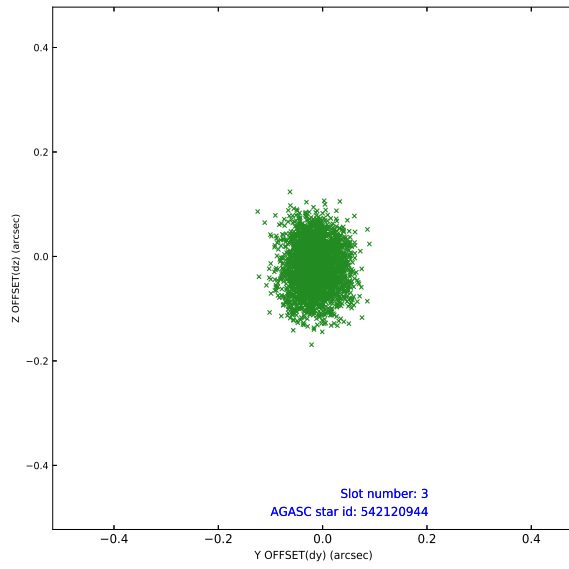


Slot Statistics

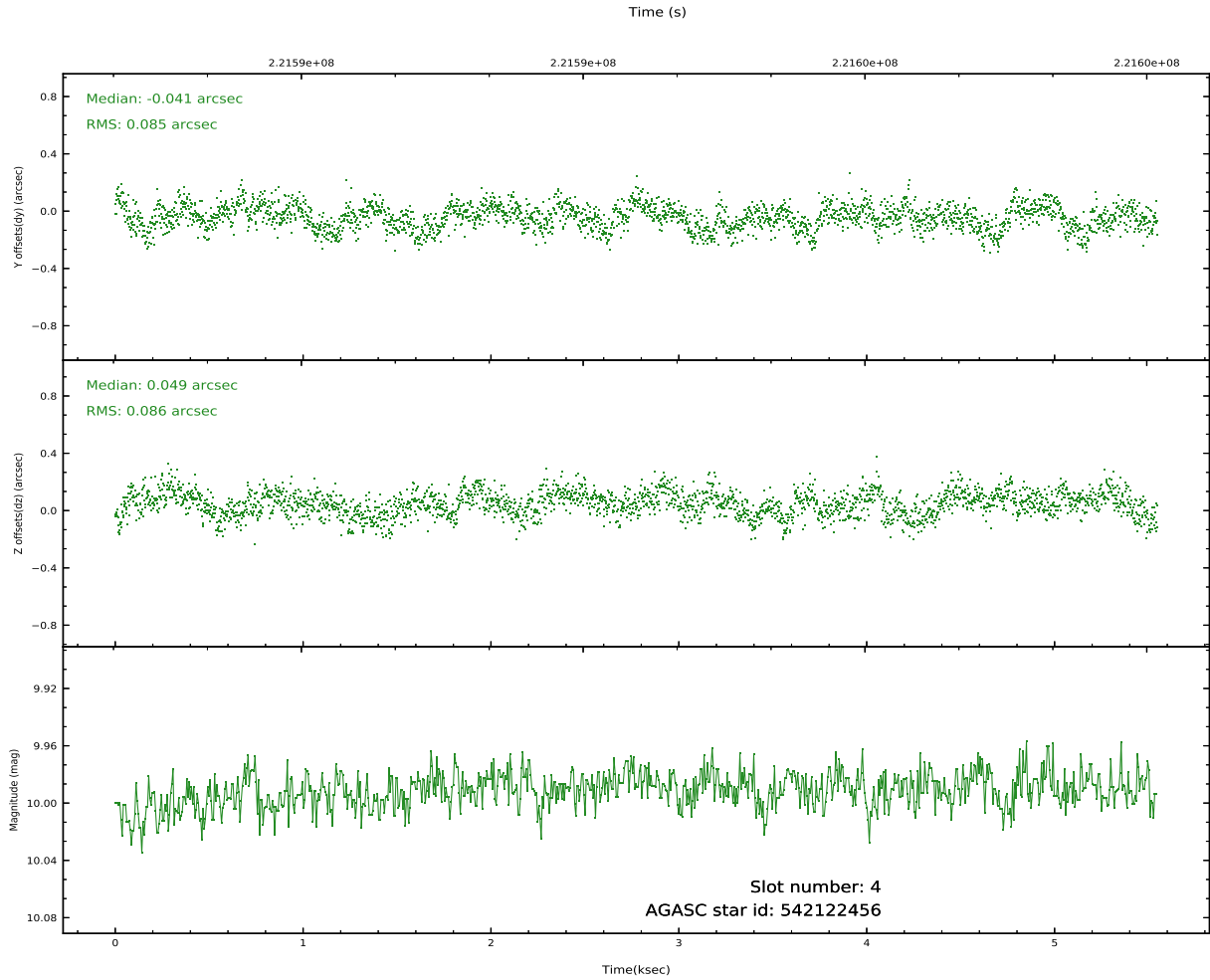
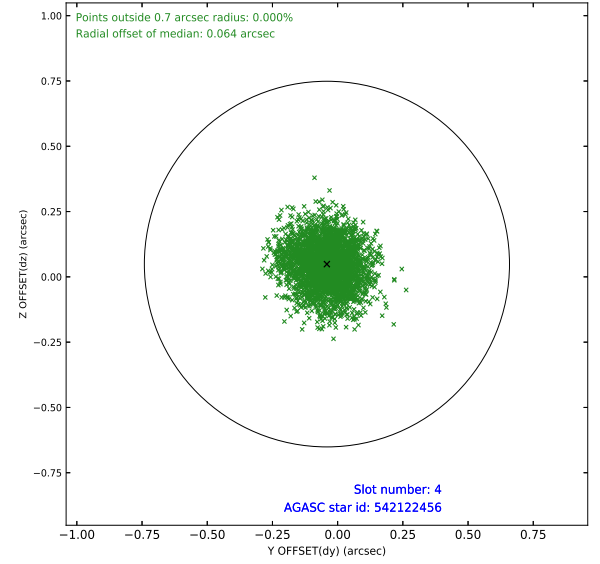
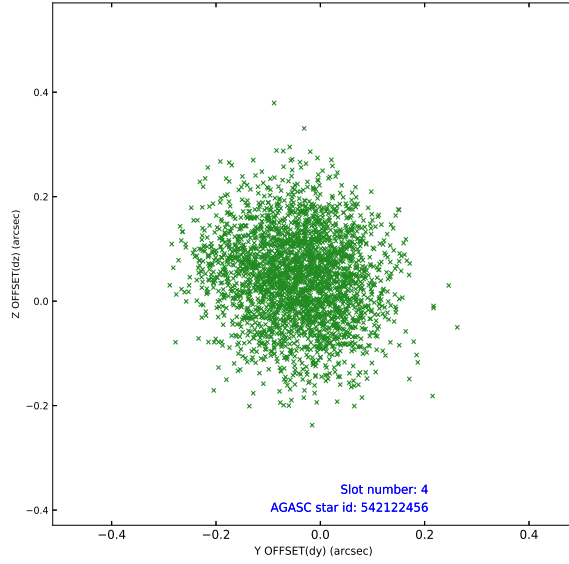
pt	status	used	id	mag	n_pts	frac_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mea
0	FID		ACIS-S-2	7.10	1354	1.000	-0.053	-0.080	0.007	0.012	0.000000	0.000000	-760.43	-1730
1	FID		ACIS-S-4	7.21	1354	1.000	0.146	0.047	0.005	0.009	0.000000	0.000000	2152.50	177
2	FID		ACIS-S-5	7.23	1354	1.000	-0.124	0.042	0.006	0.012	0.000000	0.000000	-1812.01	172
3	GUIDE	used	542120944	8.31	2707	1.000	-0.014	-0.022	0.059	0.093	144.941247	60.717868	908.30	1295
4	GUIDE	used	542122456	9.99	2705	1.000	-0.041	0.049	0.131	0.204	144.840456	60.749848	1112.61	1351
5	GUIDE	used	542124936	9.10	2703	1.000	-0.037	-0.063	0.100	0.154	145.086813	60.487942	119.13	1654
6	GUIDE	used	542125432	8.42	2706	1.000	0.026	0.071	0.060	0.095	146.903549	60.408041	-2207.06	-599
7	GUIDE	used	542127256	10.07	2703	1.000	0.070	-0.030	0.154	0.244	145.373562	61.393800	2229.15	-882

2.4 Star Slots

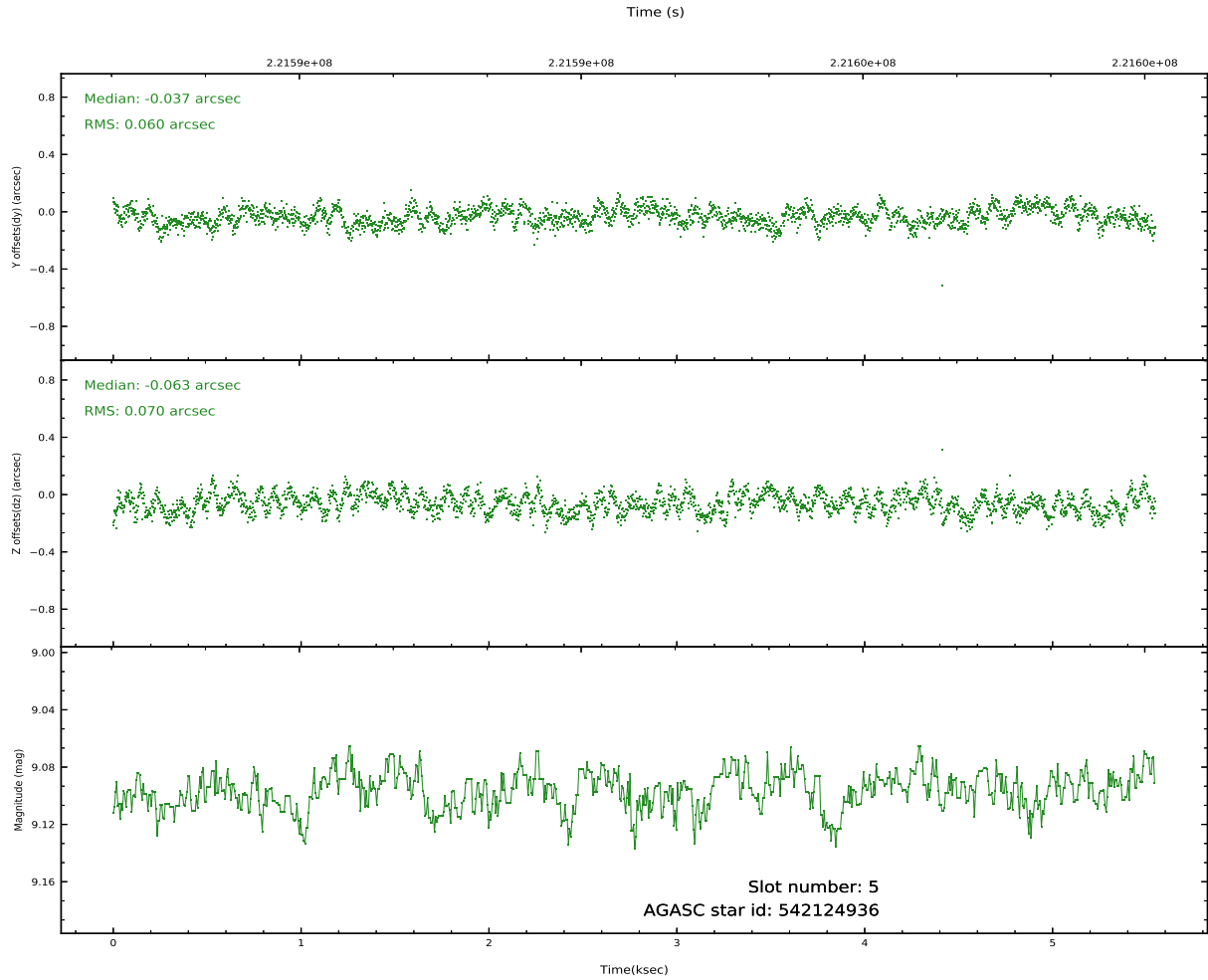
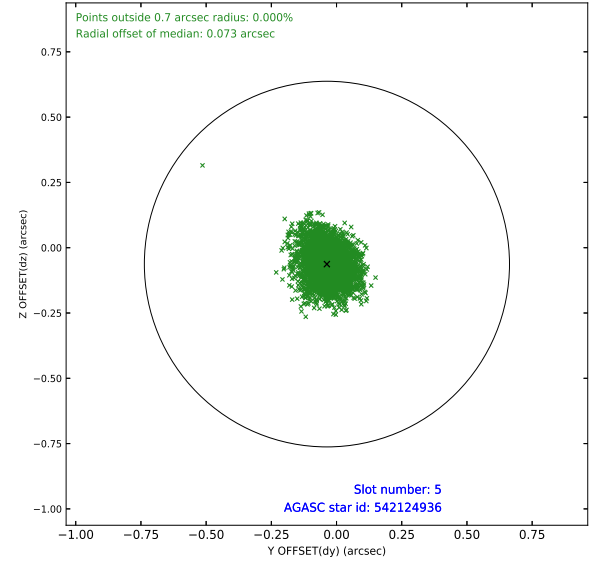
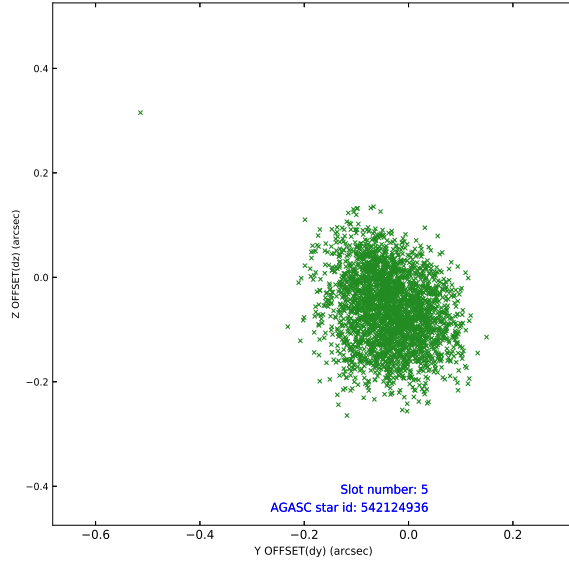
2.4.1 Slot 3



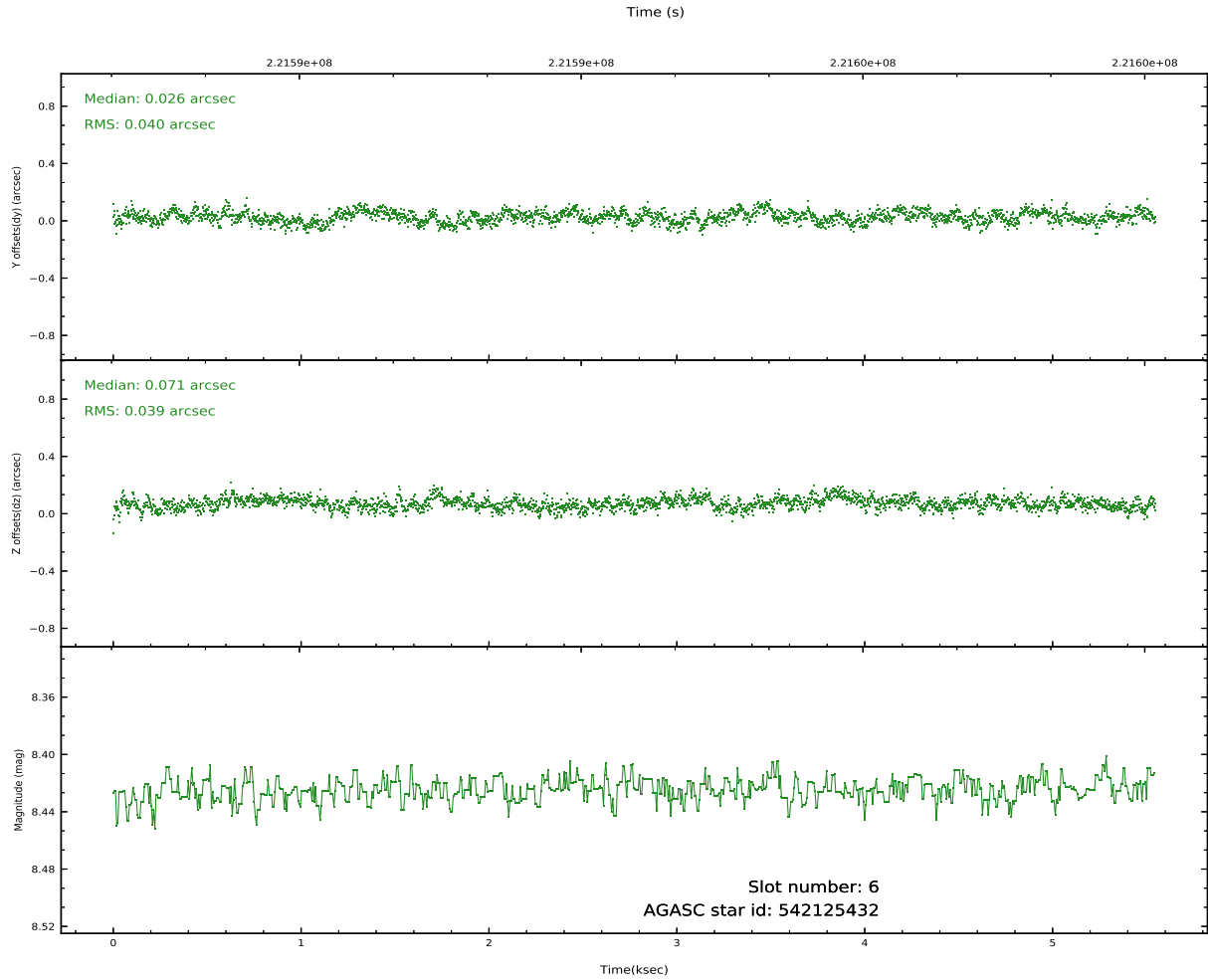
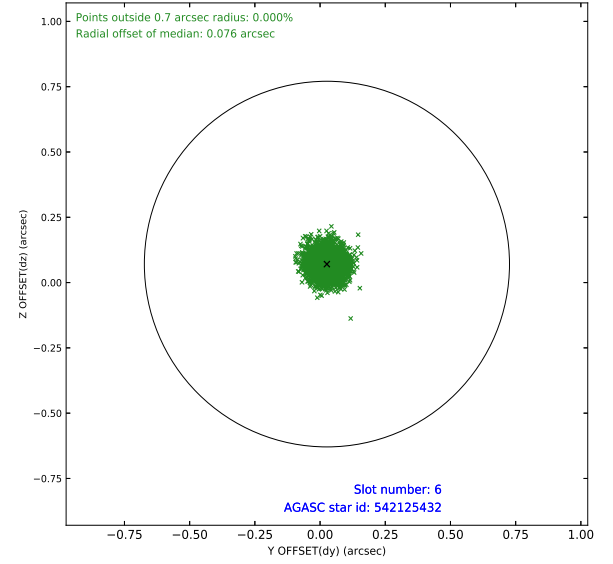
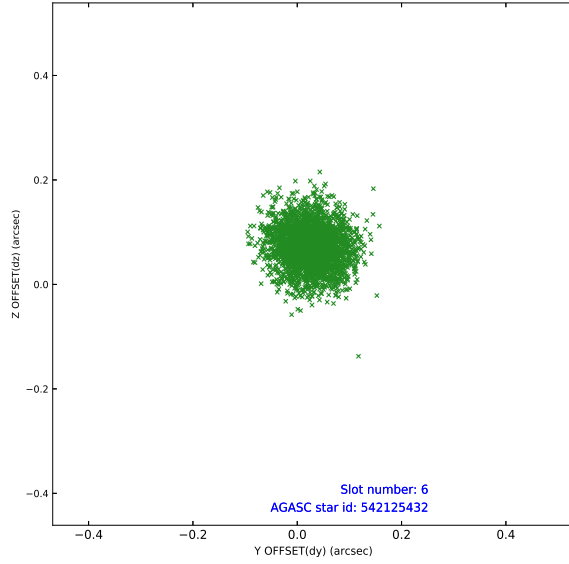
2.4.2 Slot 4



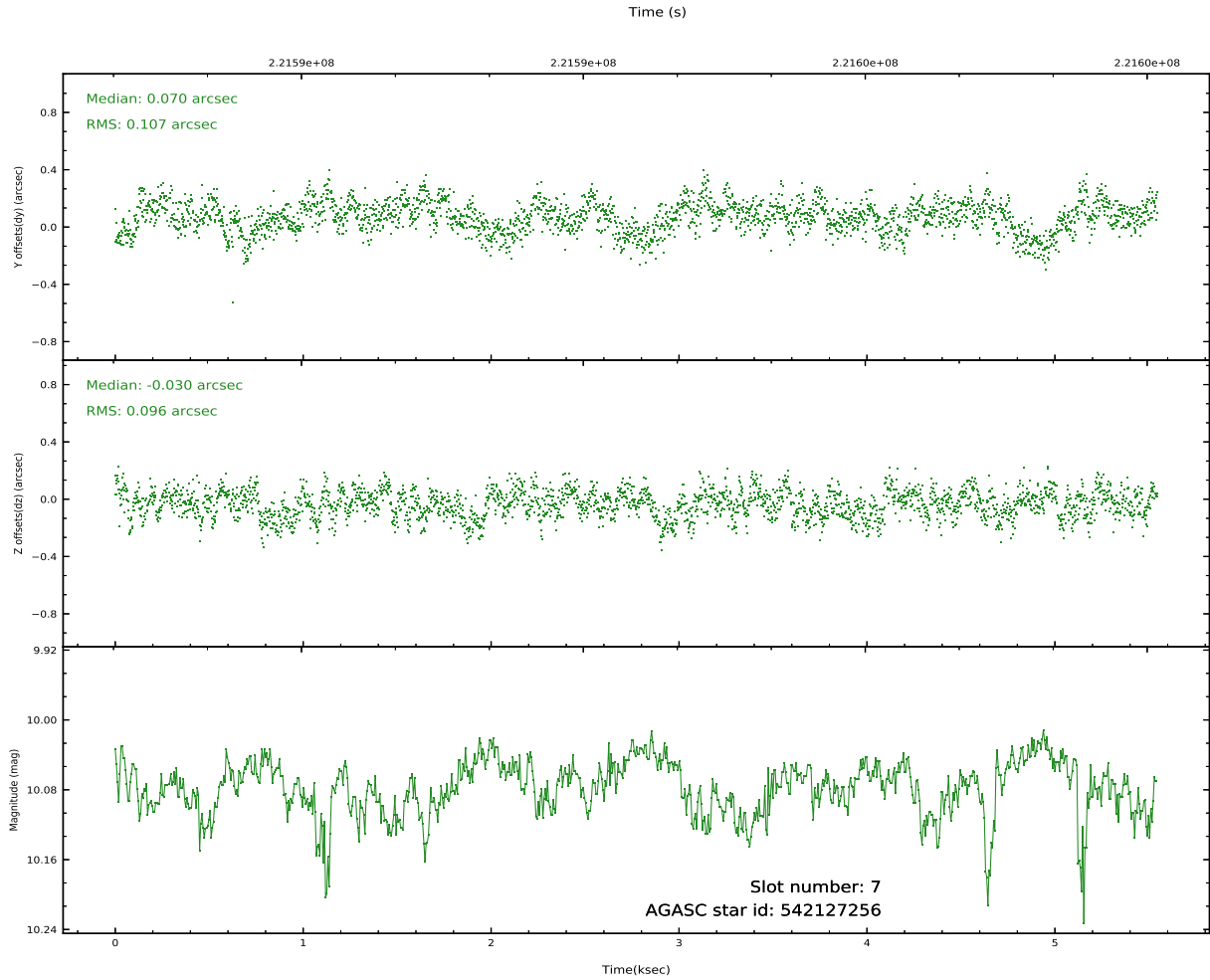
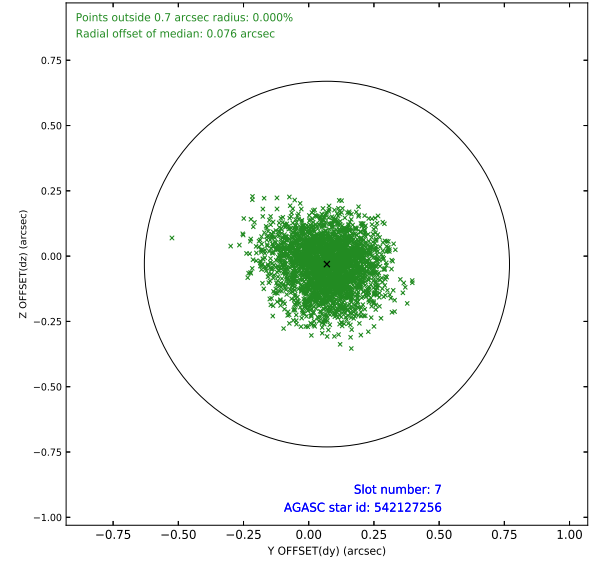
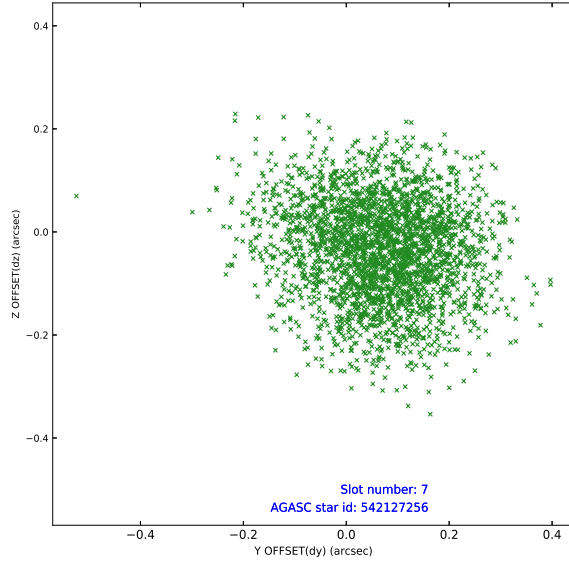
2.4.3 Slot 5



2.4.4 Slot 6

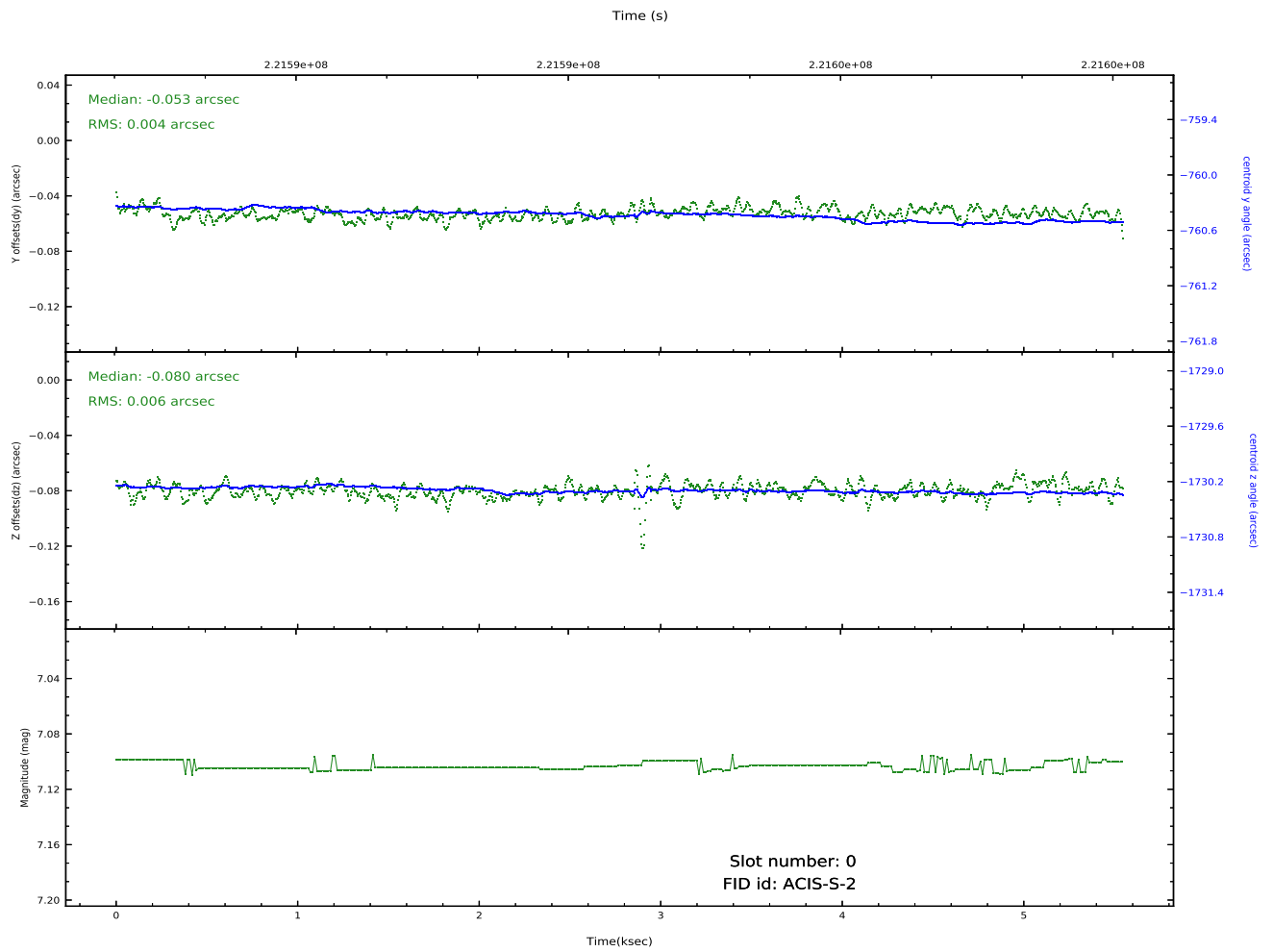
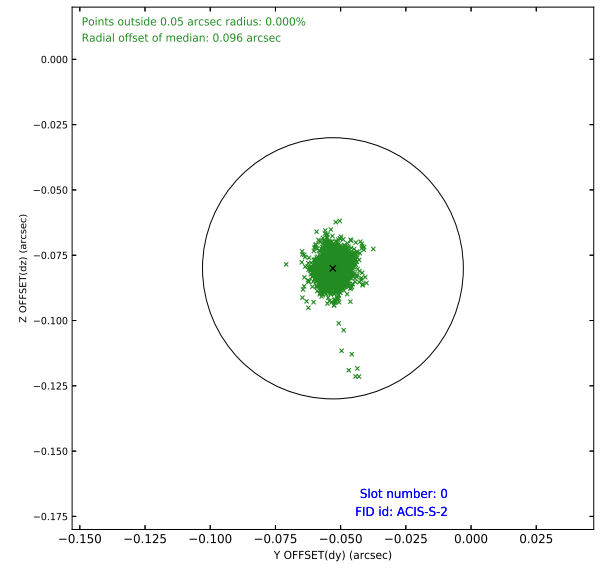
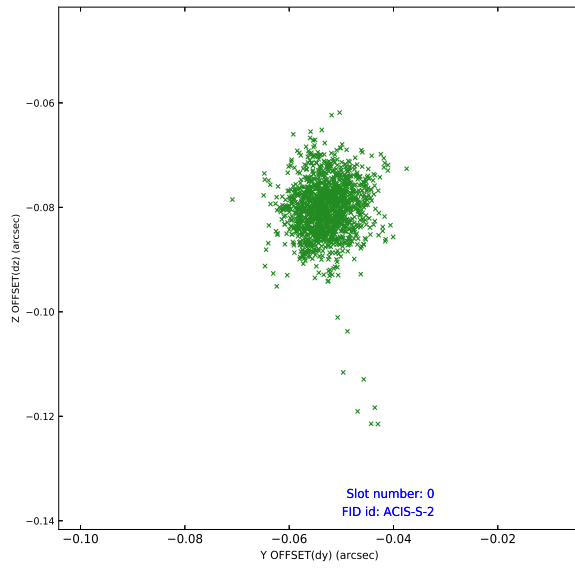


2.4.5 Slot 7

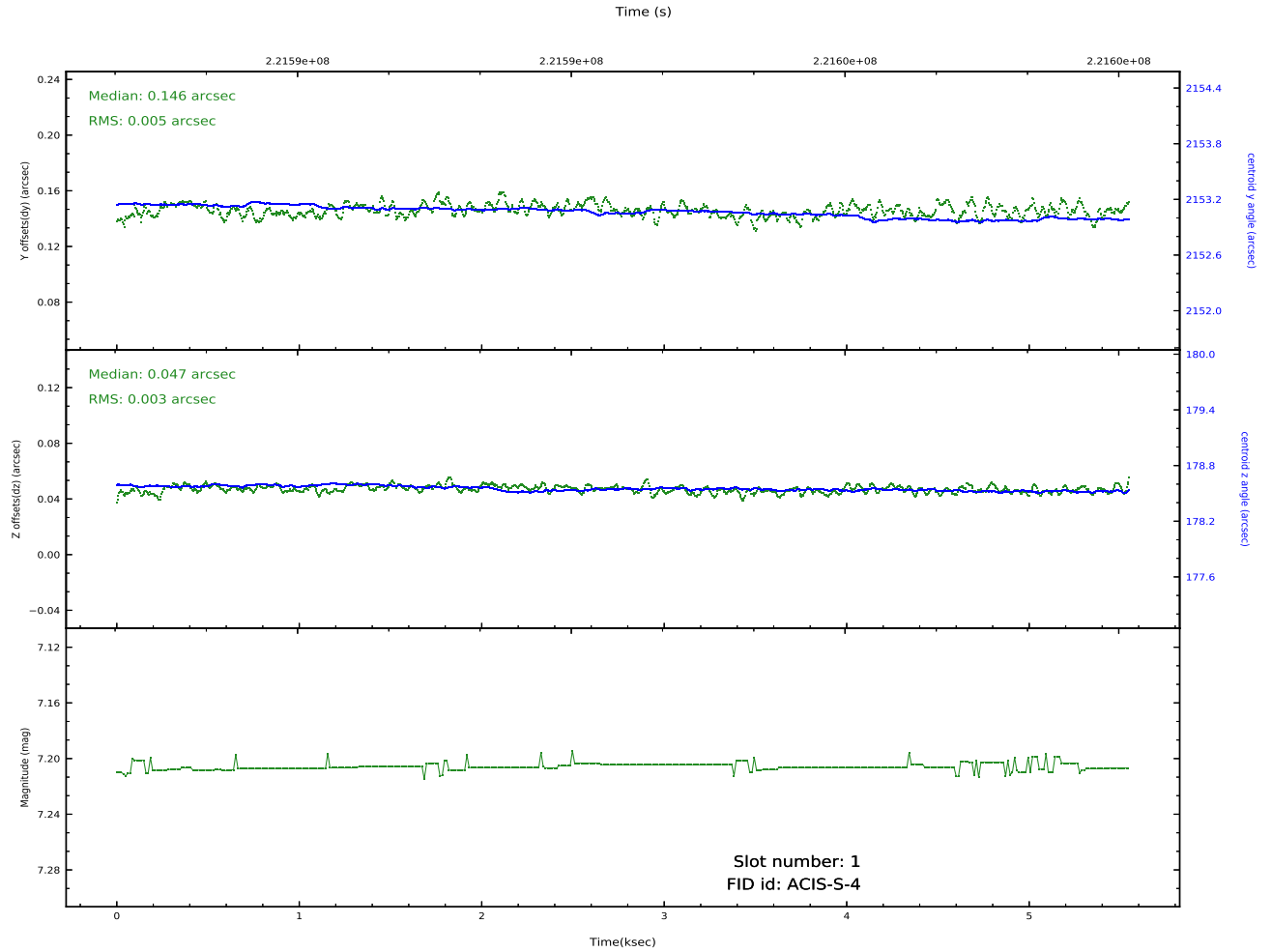
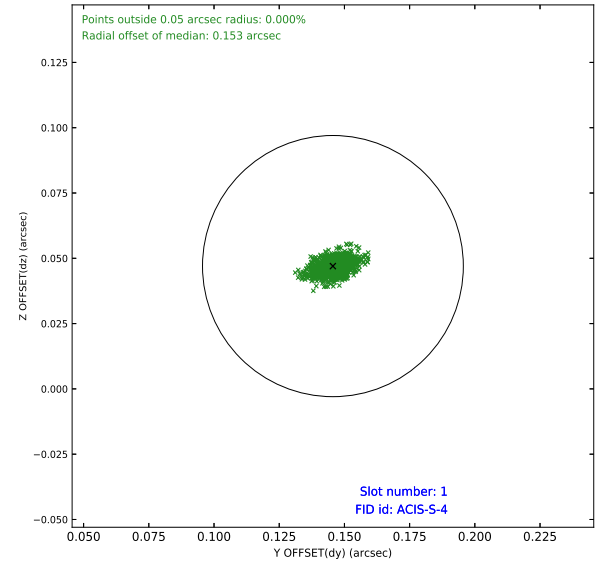
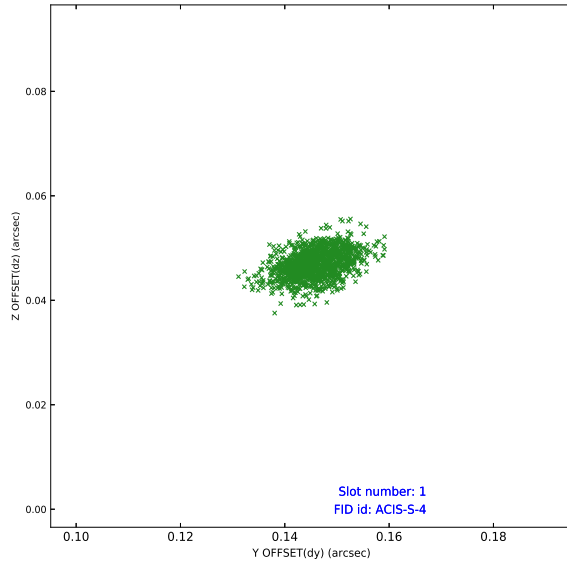


2.5 FID Slots

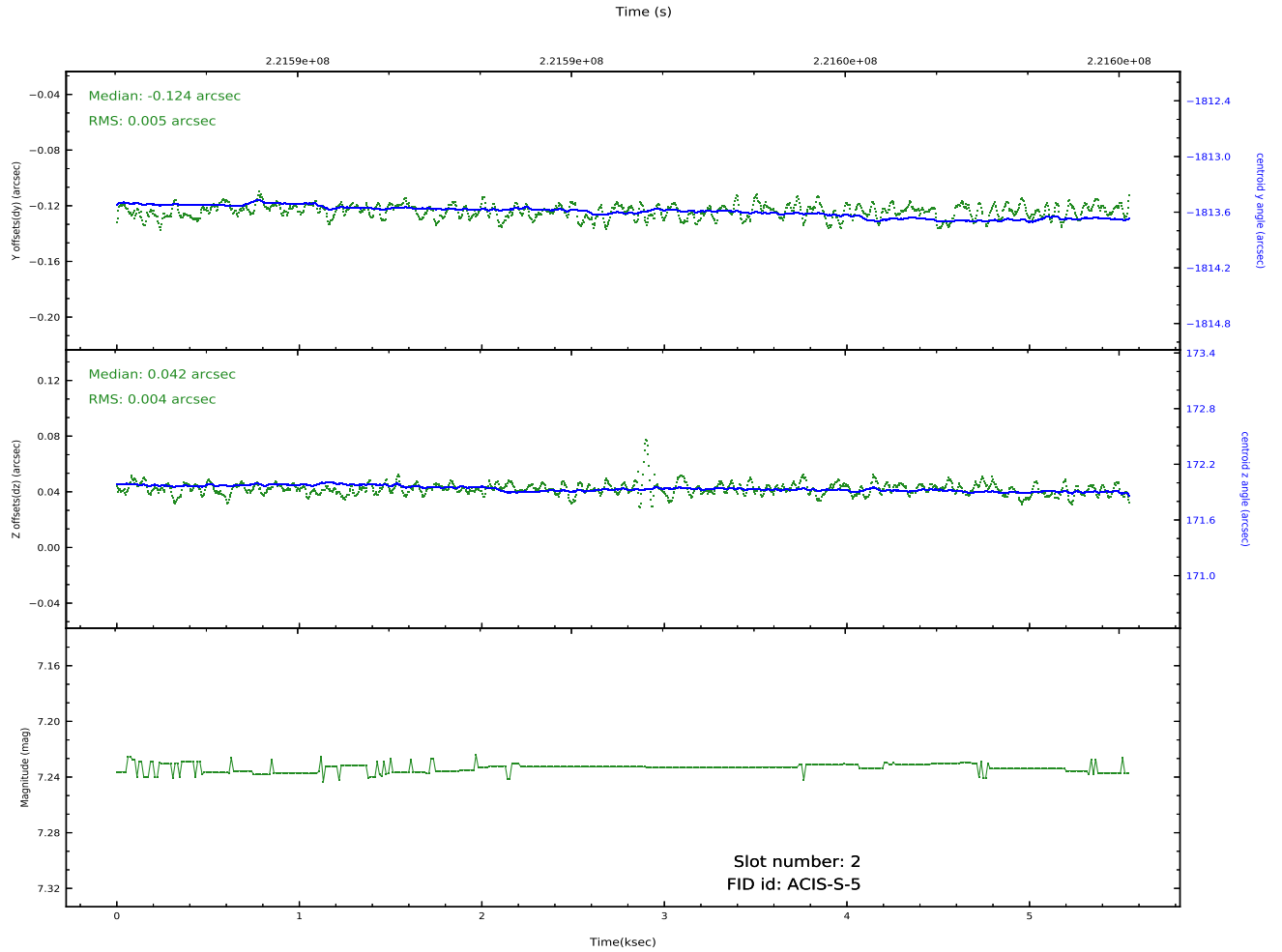
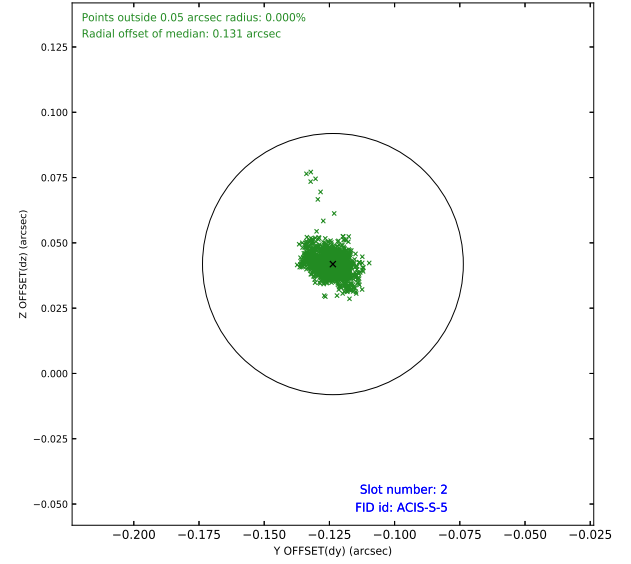
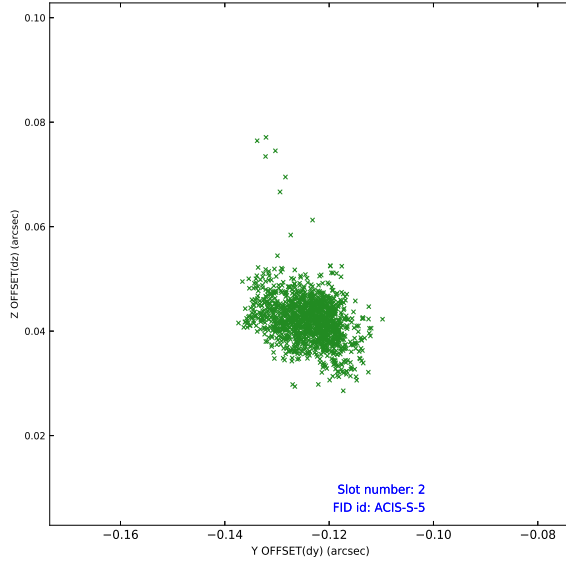
2.5.1 Slot 0



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)	2020.10.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.5468

A.2 Comments