

V&V Reference Report

L2 ASCDS Version : 10.9.1

Observation 4798 - L2 Version 4
Chandra X-Ray Center

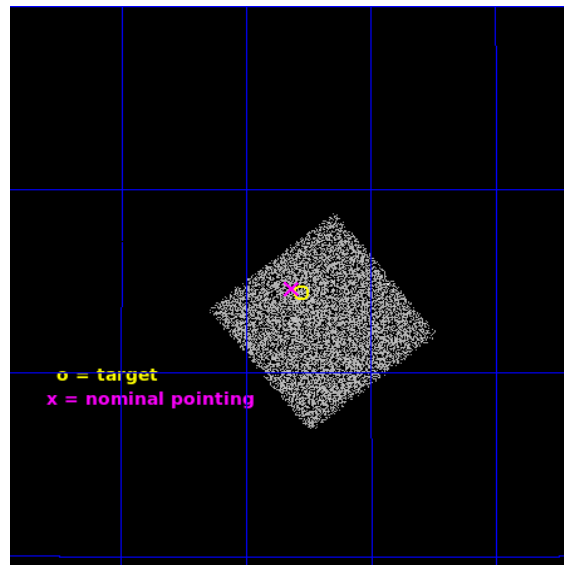
L2 Processing Date : Sep 23 2020

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1 Front

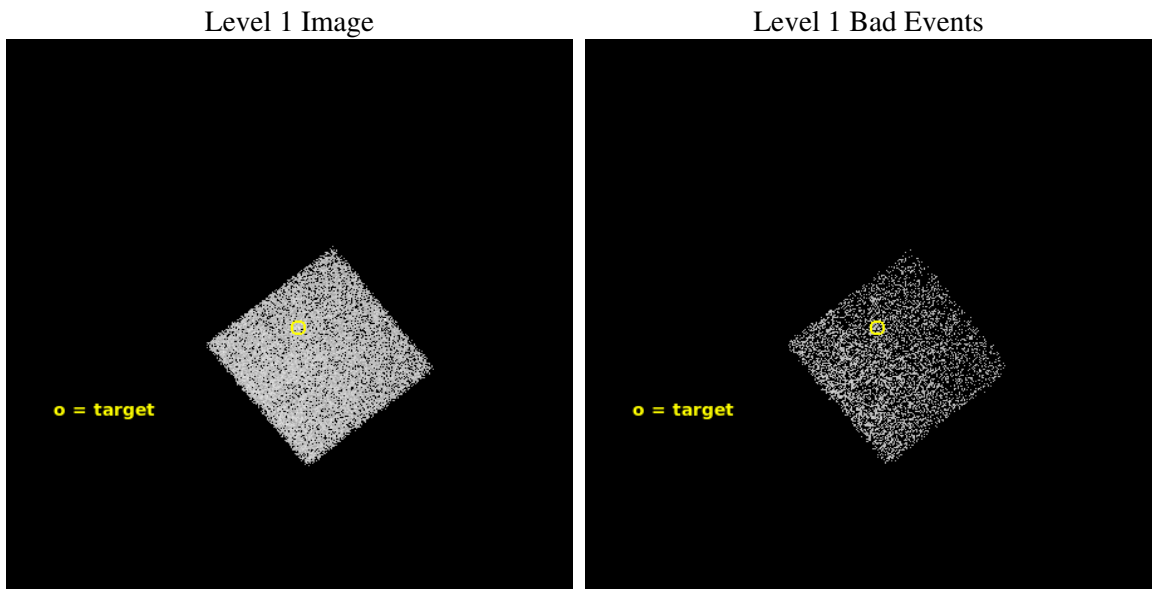
seq_num	700881	Sequence number
obs_id	4798	Observation id
title	Anchoring the AGN X-ray Luminosity Function	Proposal title
observer	Dr. JOHN SALZER	Principal investigator
object	KISS F1610-3900	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	243.069583	Observer's specified target RA [deg]
dec_targ	29.573111	Observer's specified target Dec [deg]
ra_nom	243.07905952273	Nominal RA [deg]
dec_nom	29.576345627635	Nominal Dec [deg]
roll_nom	51.439984146108	Nominal Roll [deg]
revision	4	Processing version of data
ontime	4446.0	Sum of GTIs [s]
livetime	4385.9995264778	Livetime [s]
ontime7	4446.0	Sum of GTIs [s]
l2events	14629	Number of level 2 events



2 OBI

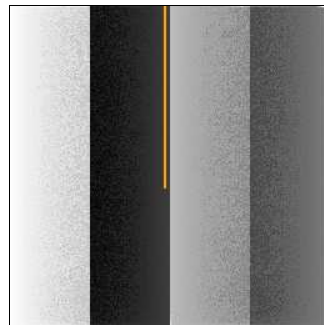
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	3924.000000	[s] Scheduled observation exposure time
ascdsver	10.9.1	Processing system revision	ontime	4446.0	Sum of GTIs [s]
caldbver	4.9.2	 	ontime7	4446.0	Sum of GTIs [s]
date	2020-09-23T12:42:44	Date and time of file creation	l1events	37054	Number of level 1 events
revision	4	Processing version of data			

2.1.4 Events

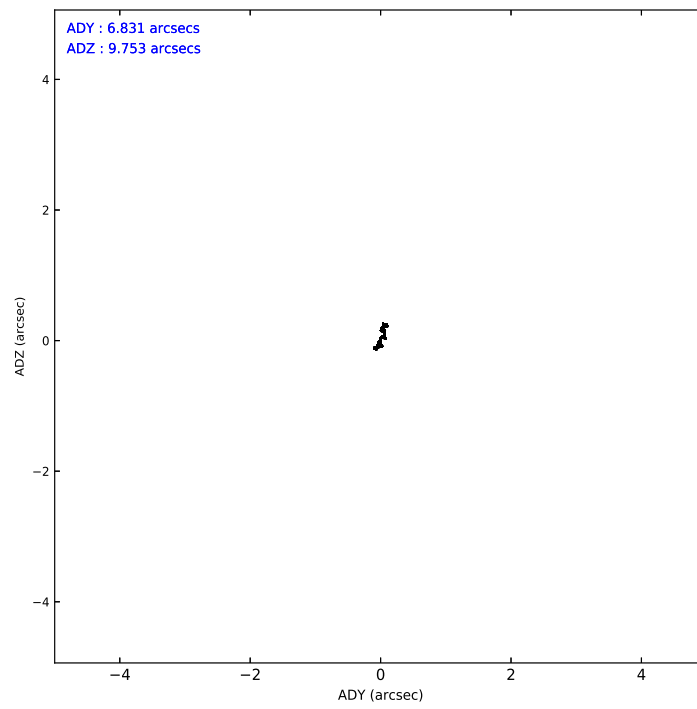
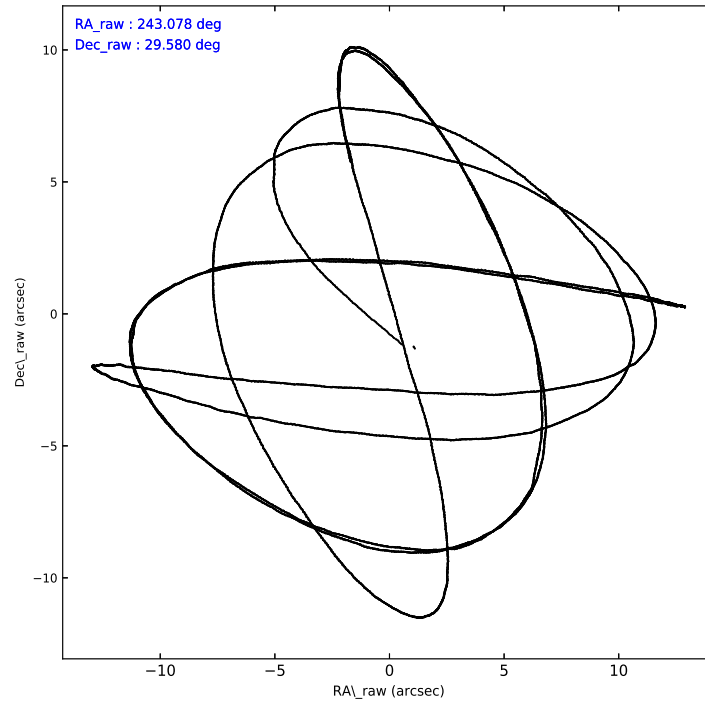
	ccd 7
level 1 events	37054
rejected events	21968
rejected %	59%

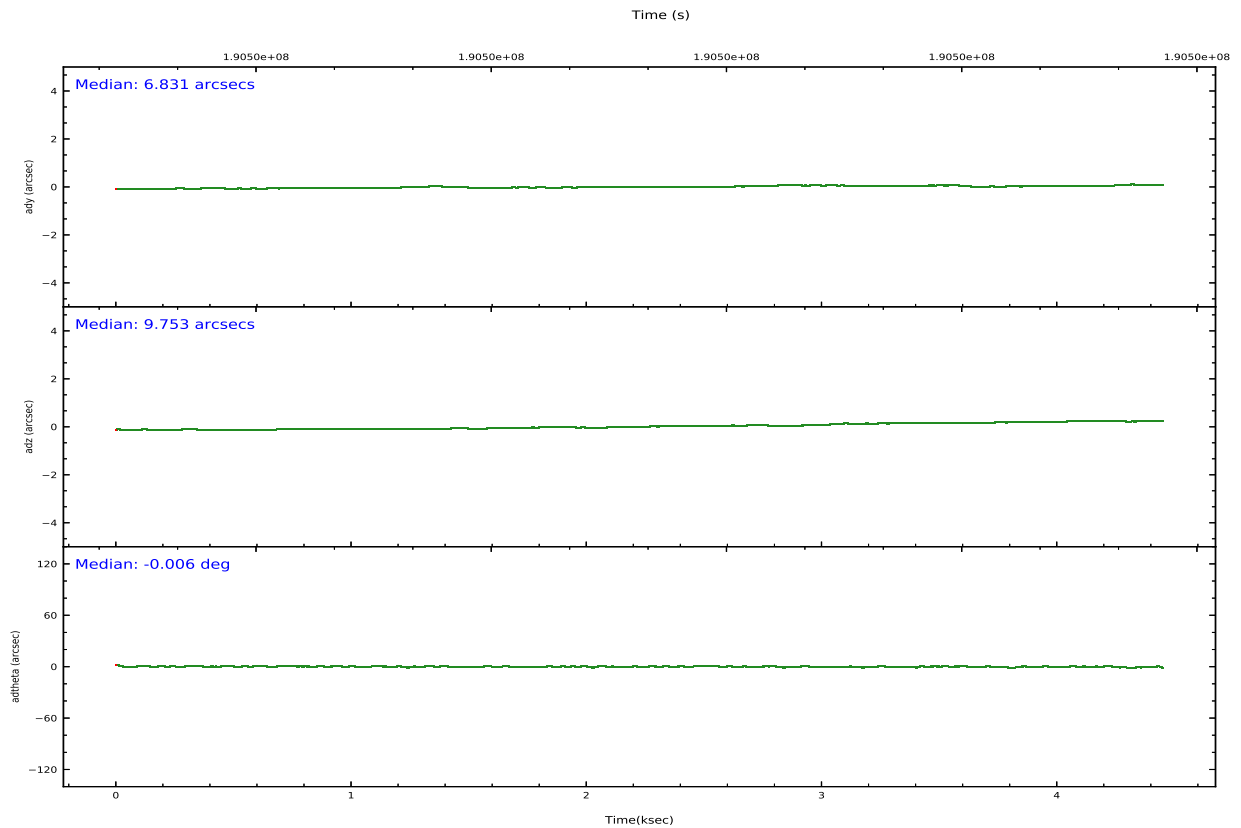
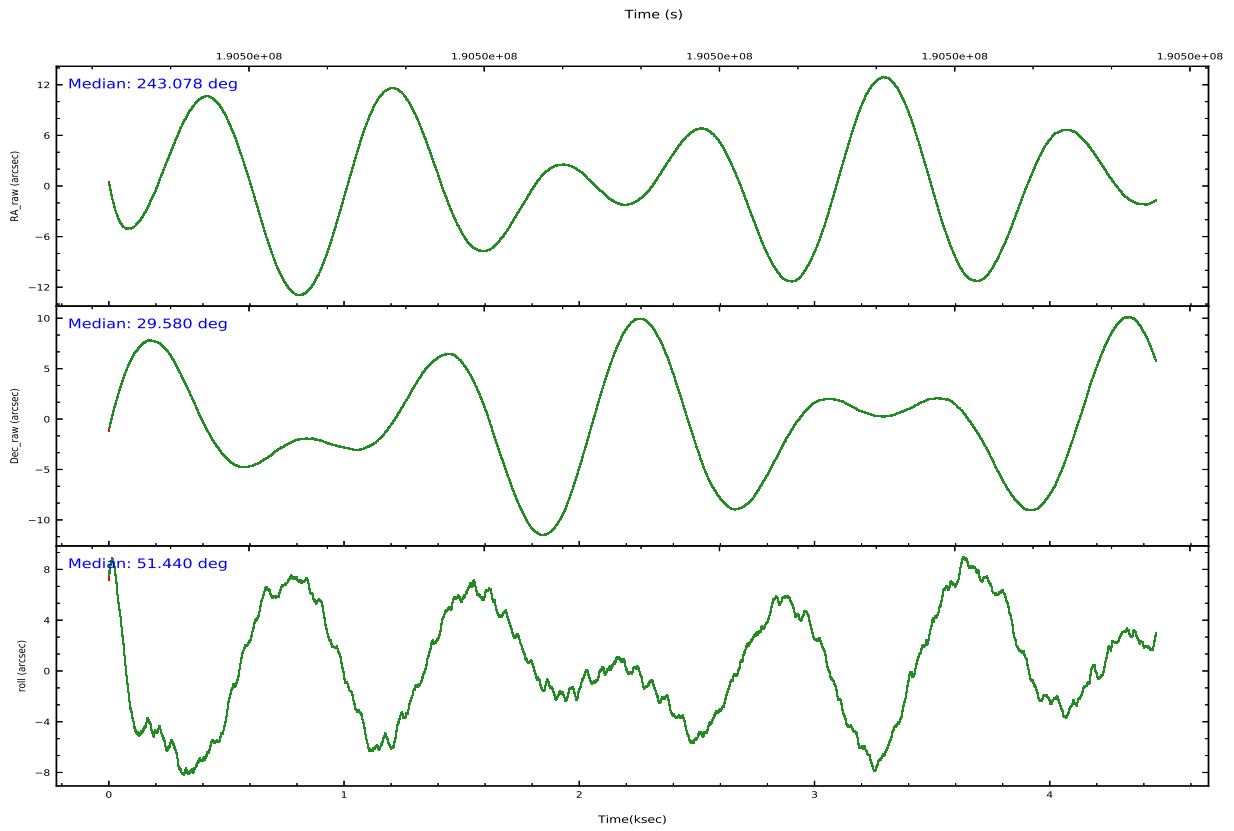
	ccd 7
grade 0 events	1588
	4%
grade 1 events	31
	0%
grade 2 events	3072
	8%
grade 3 events	1415
	3%
grade 4 events	1365
	3%
grade 5 events	3479
	9%
grade 6 events	8036
	21%
grade 7 events	18068
	48%

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	243.073697	243.07905952273	Subarray requested	NONE	NONE
[deg] Pointing Dec	29.552519	29.576345627635	Alternating exposures requested	N	N
[deg] Pointing Roll	51.288546	51.439984146108	[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)	190500932.184000	190499800.62508			
Observation start date	2004-01-14T20:54:28	2004-01-14T20:36:40			
[s] Observation end time (MET)	190504856.184000	190505260.80032			
Observation end date	2004-01-14T21:59:52	2004-01-14T22:07:40			
Read mode	TIMED	TIMED			

2.3 Aspect



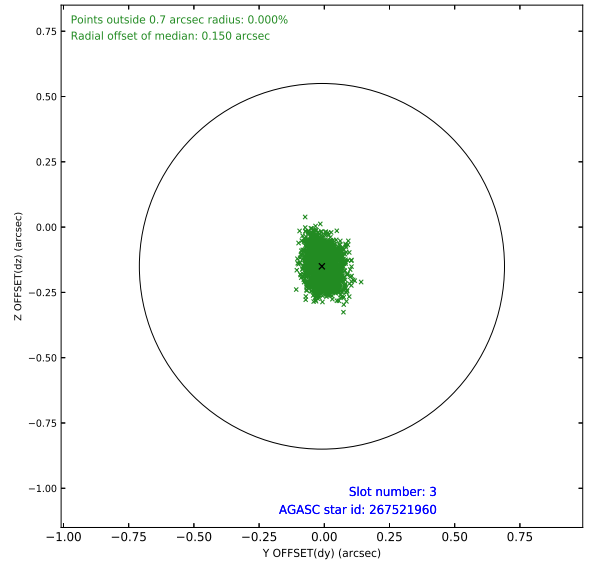
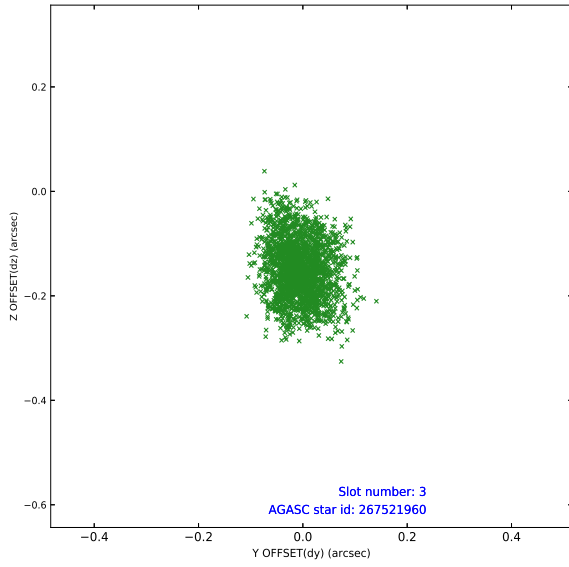


Slot Statistics

slot	status	used	id	mag	n_pts	frac_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mea
0	FID		ACIS-S-1	7.18	1087	1.000	0.076	-0.016	0.007	0.012	0.000000	0.000000	936.55	-1726
1	FID		ACIS-S-2	7.10	1087	1.000	-0.048	-0.026	0.008	0.012	0.000000	0.000000	-758.70	-1732
2	FID		ACIS-S-5	7.23	1086	1.000	-0.051	0.049	0.008	0.014	0.000000	0.000000	-1813.37	169
3	GUIDE	used	267521960	8.33	2173	1.000	-0.009	-0.150	0.072	0.116	242.420345	29.850672	-434.46	2266
4	GUIDE	used	267523592	9.53	2173	1.000	0.180	0.032	0.096	0.153	242.254690	29.461954	-1853.34	1805
5	GUIDE	used	269229312	9.03	2173	1.000	-0.095	0.240	0.087	0.138	243.759306	29.395270	907.13	-2027
6	GUIDE	used	338184656	9.23	2173	1.000	-0.026	0.035	0.075	0.120	243.459631	30.060095	2179.50	204
7	GUIDE	used	267525704	7.83	2171	1.000	-0.050	-0.158	0.062	0.097	242.367846	29.849700	-538.10	2392

2.4 Star Slots

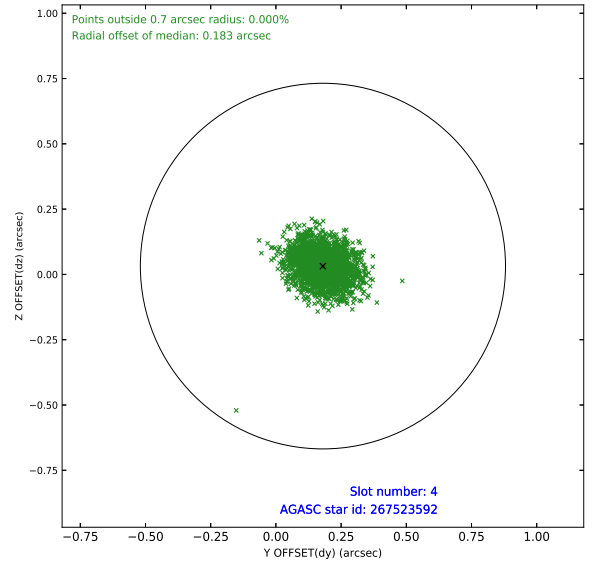
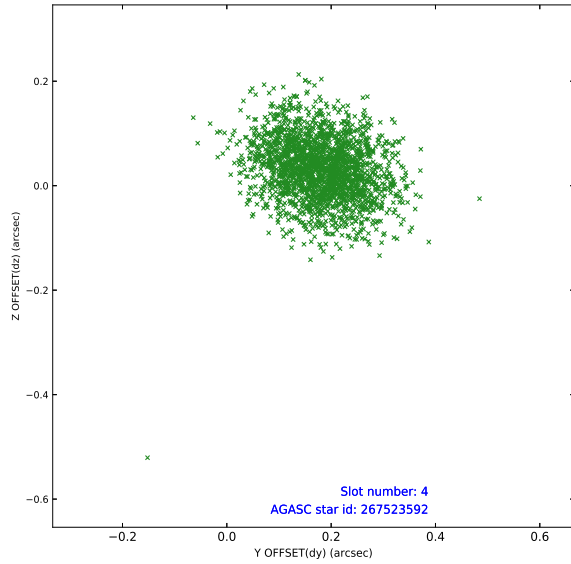
2.4.1 Slot 3



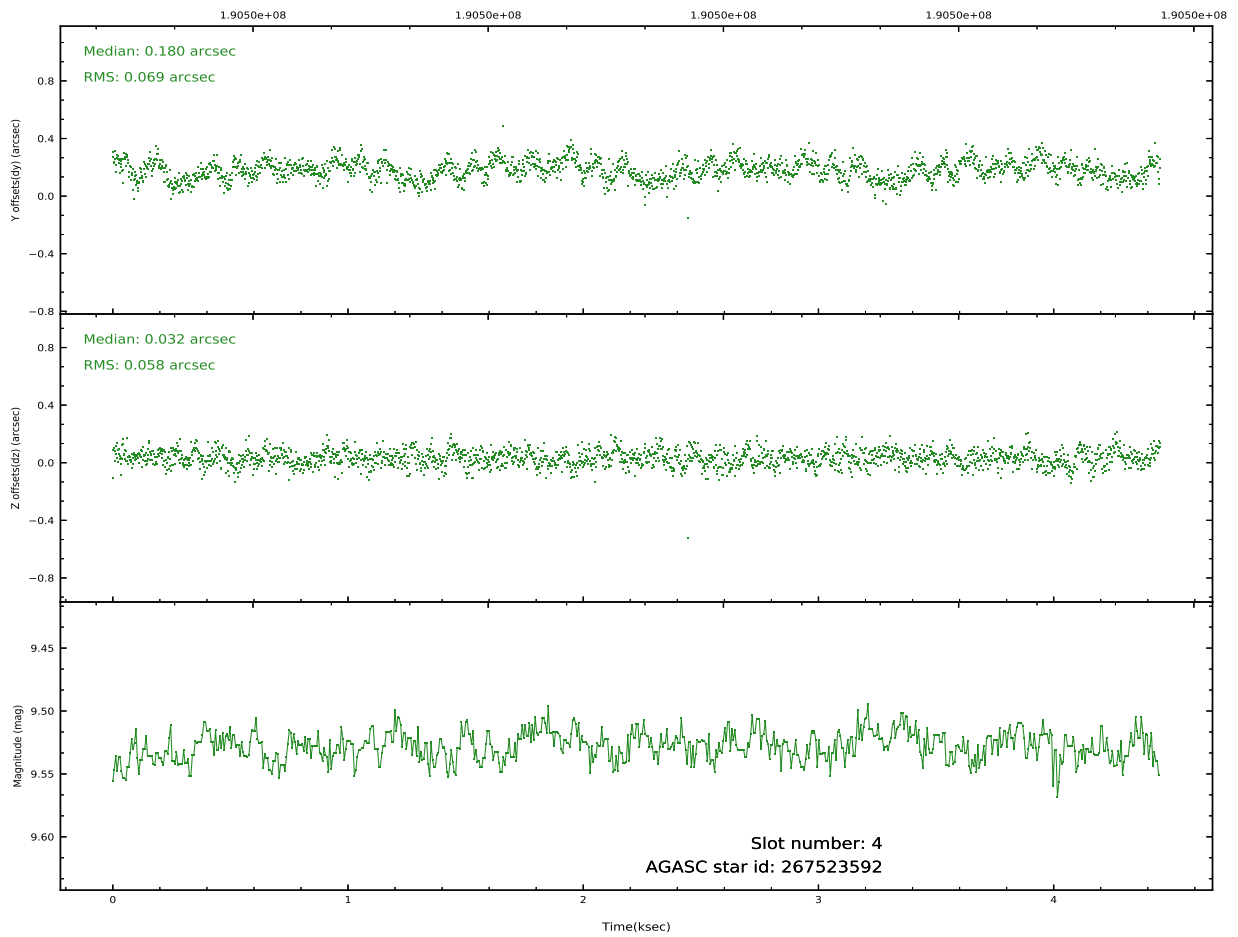
Time (s)



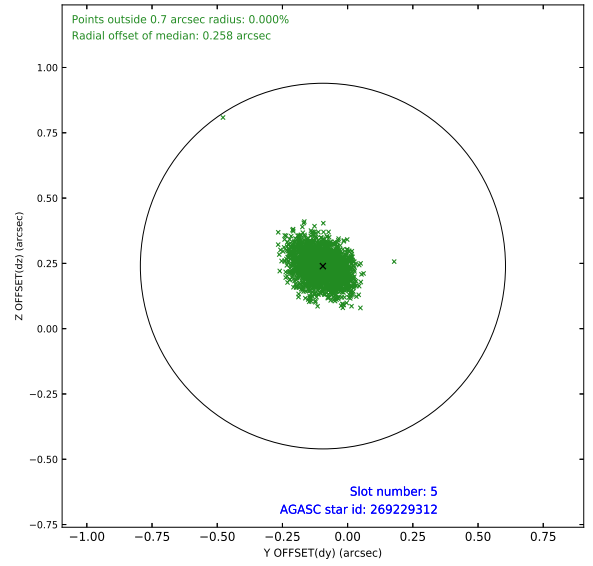
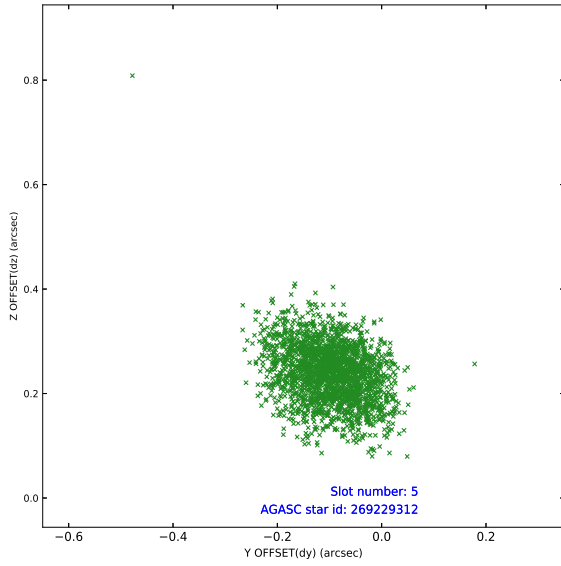
2.4.2 Slot 4



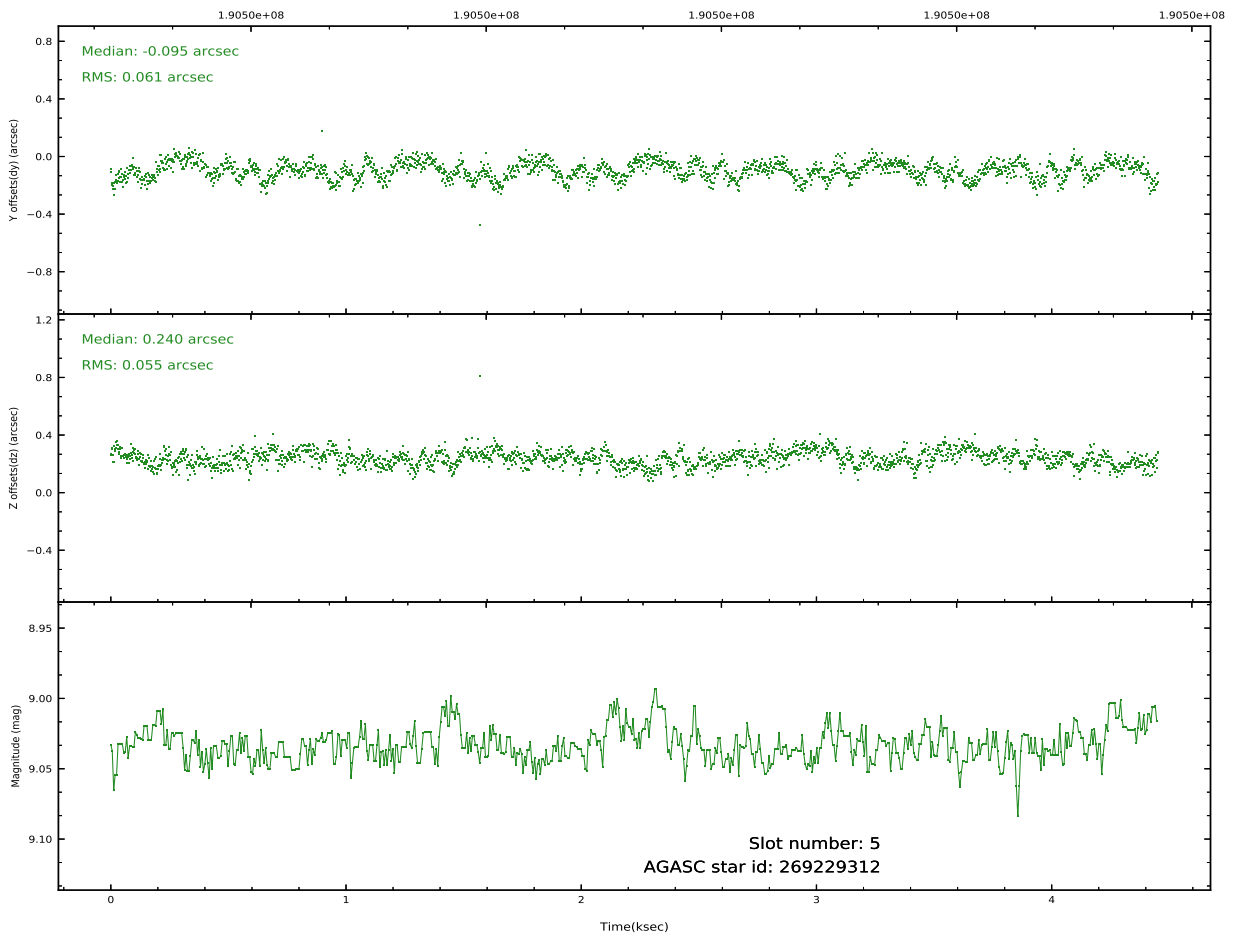
Time (s)



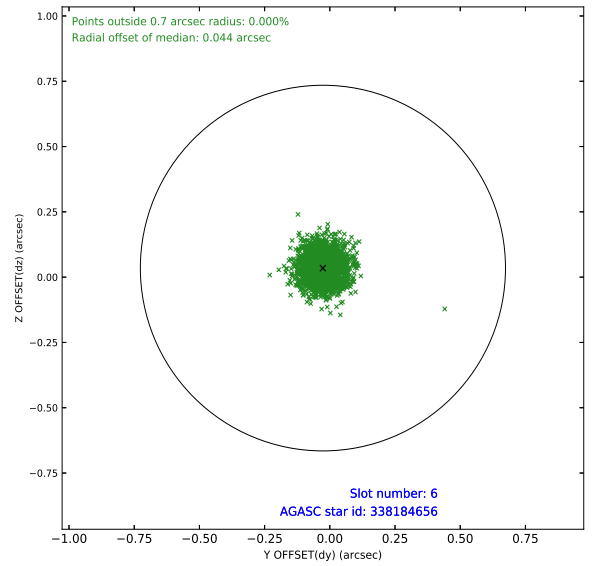
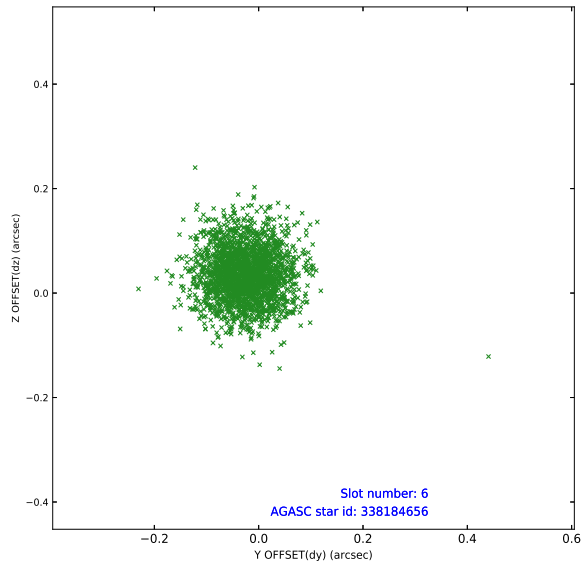
2.4.3 Slot 5



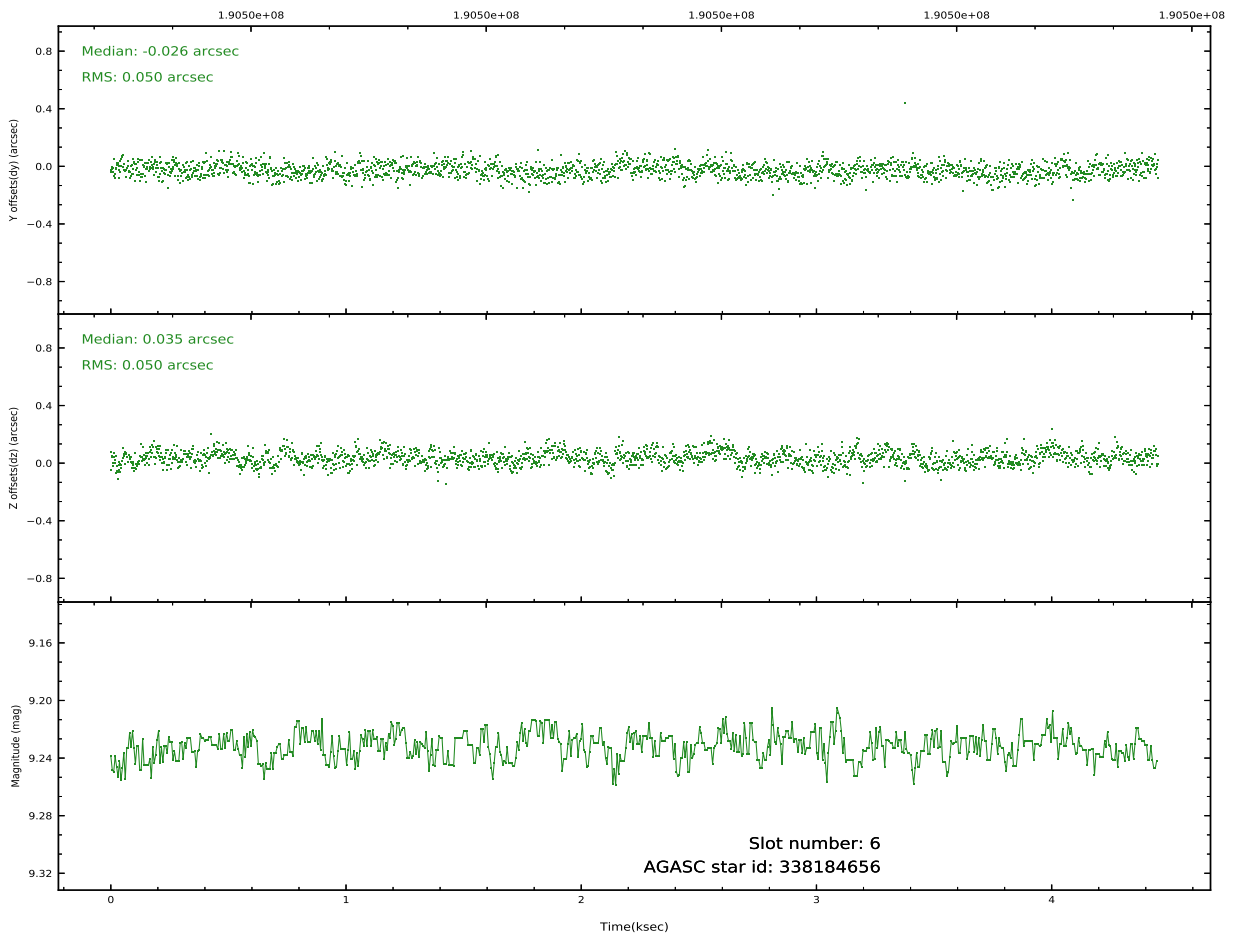
Time (s)



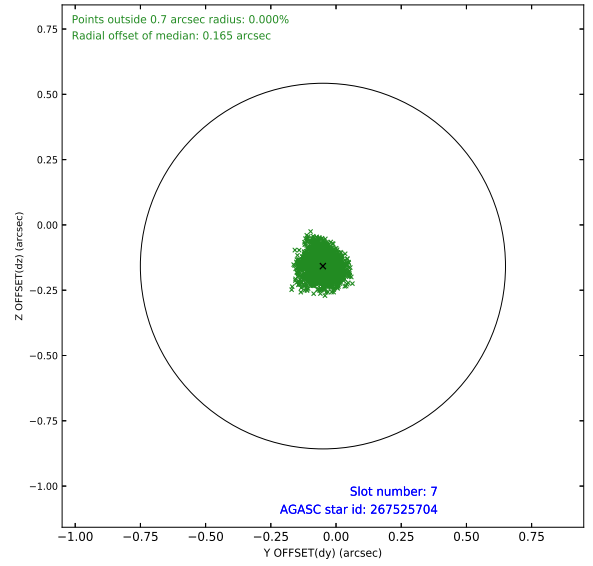
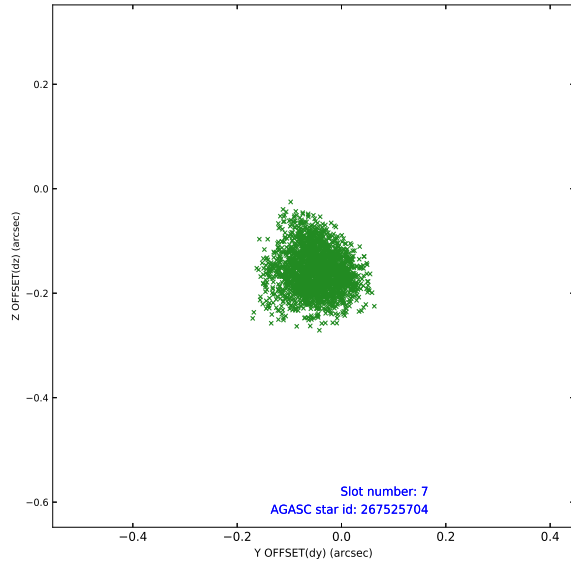
2.4.4 Slot 6



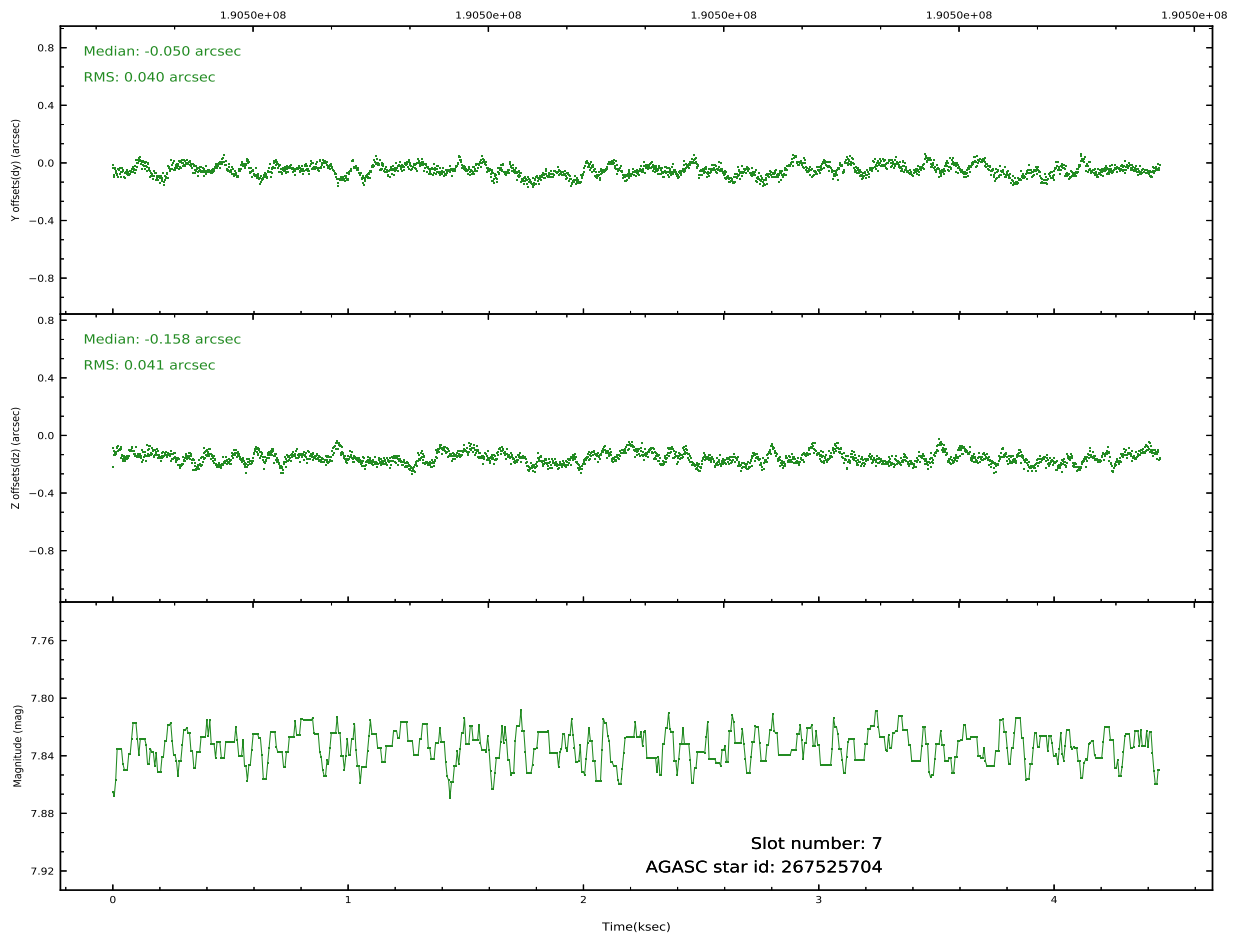
Time (s)



2.4.5 Slot 7

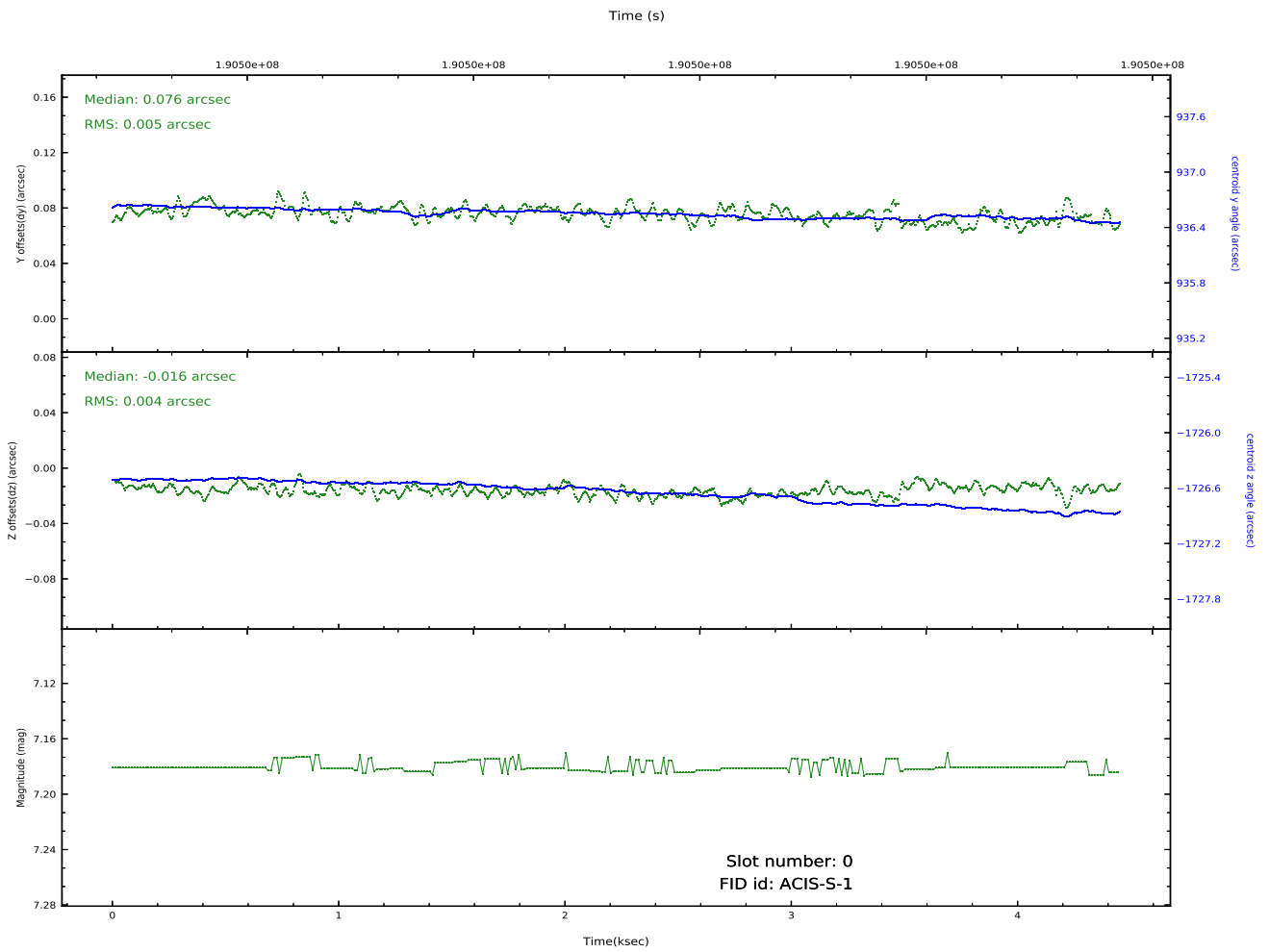
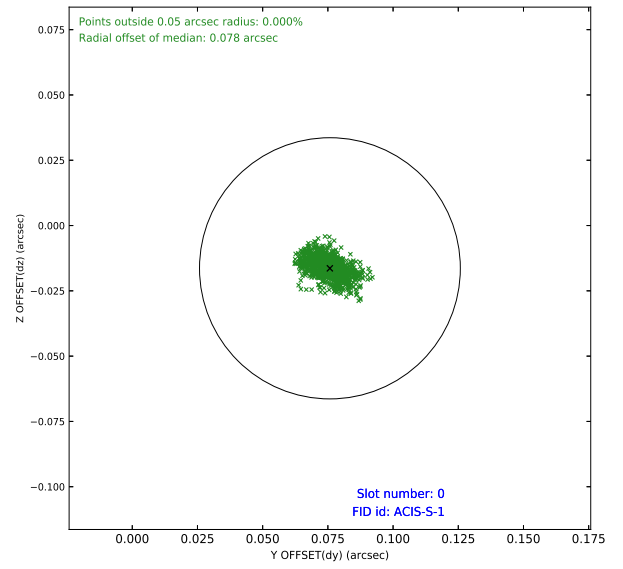
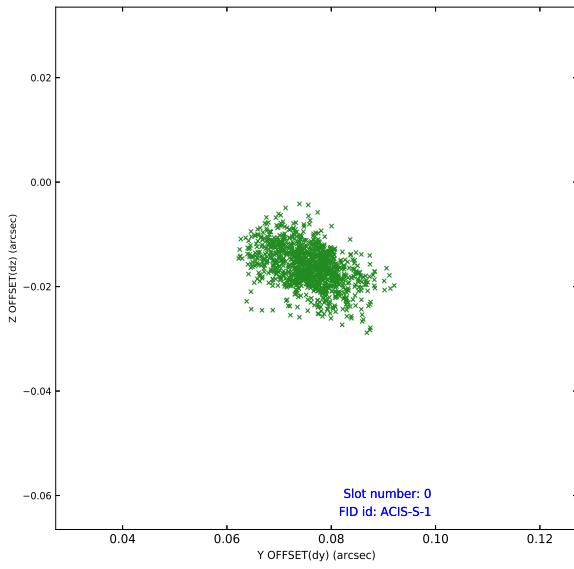


Time (s)

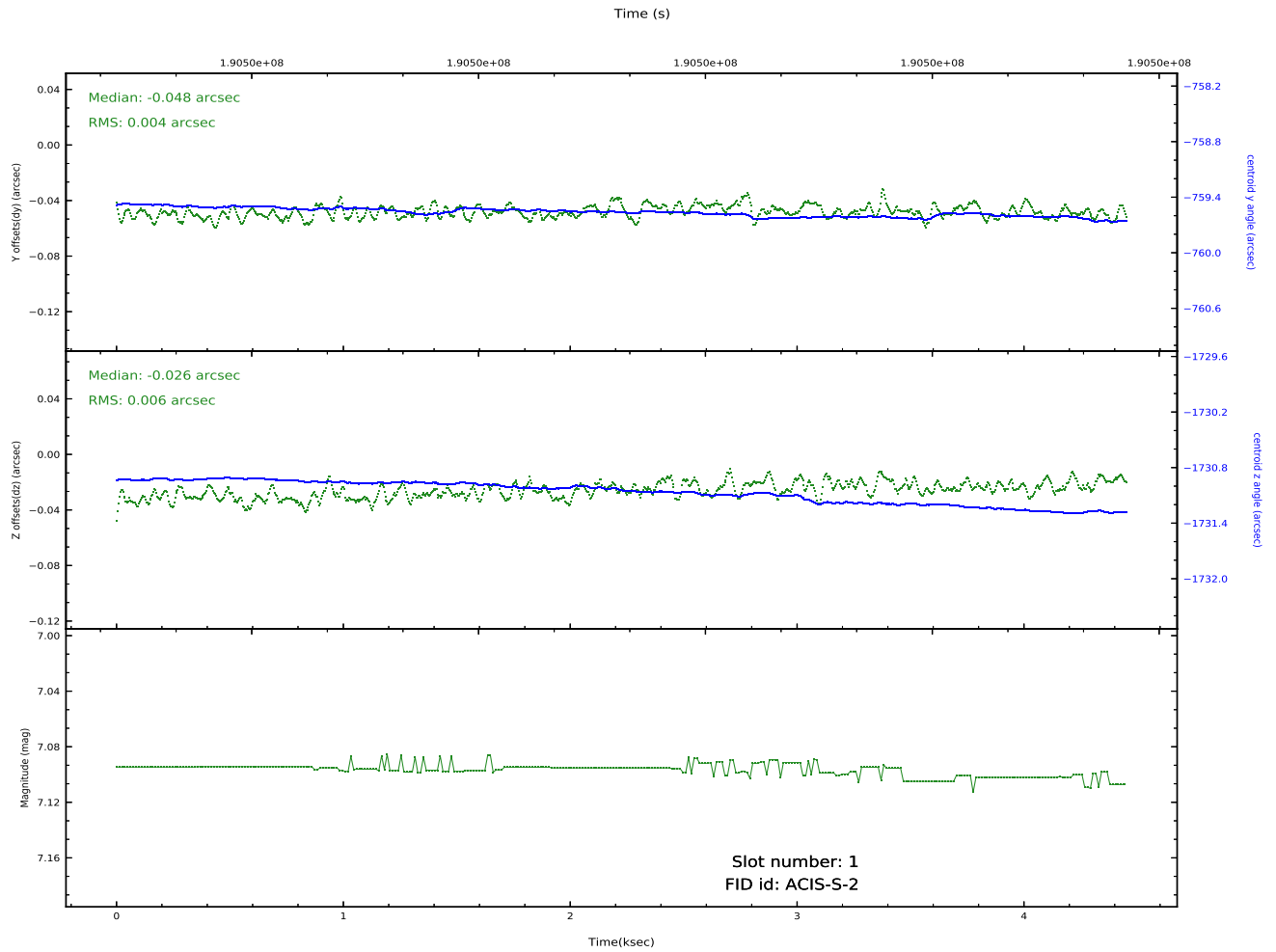
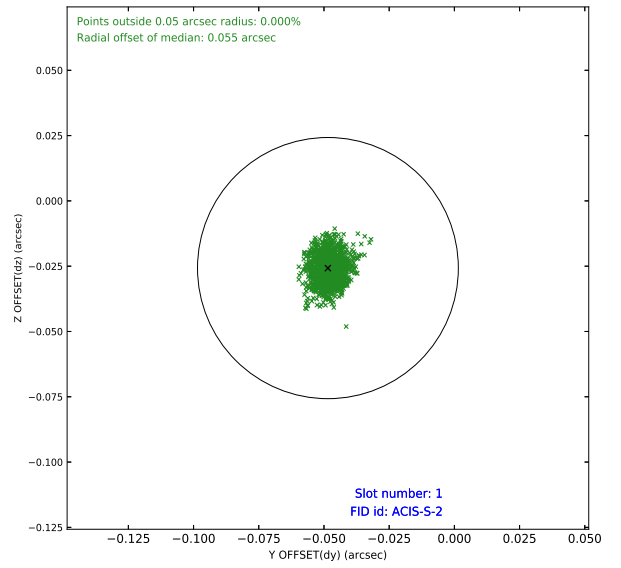
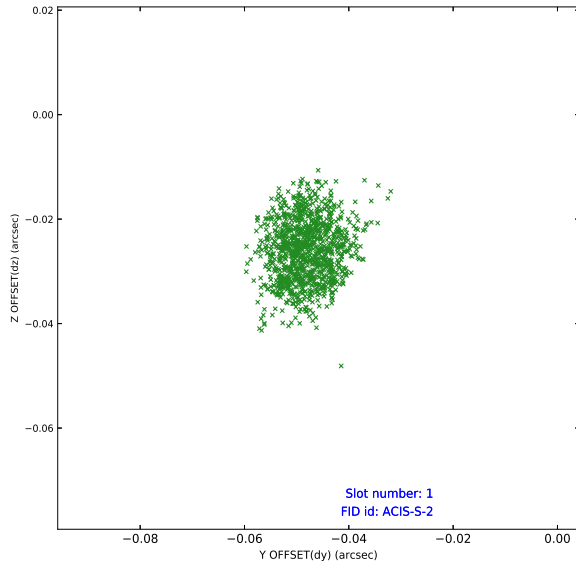


2.5 FID Slots

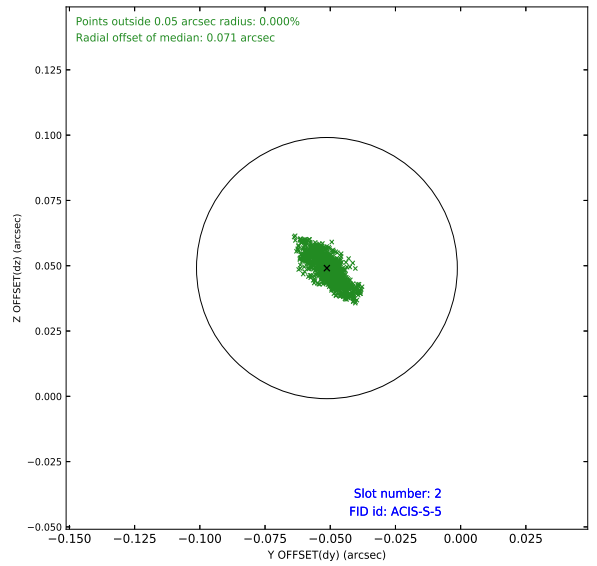
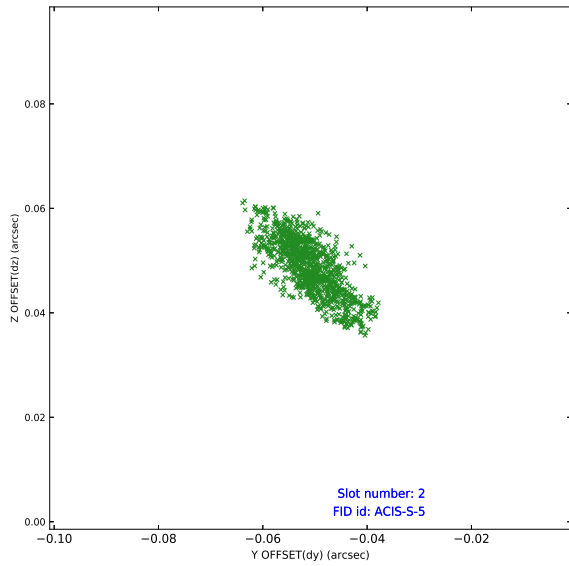
2.5.1 Slot 0



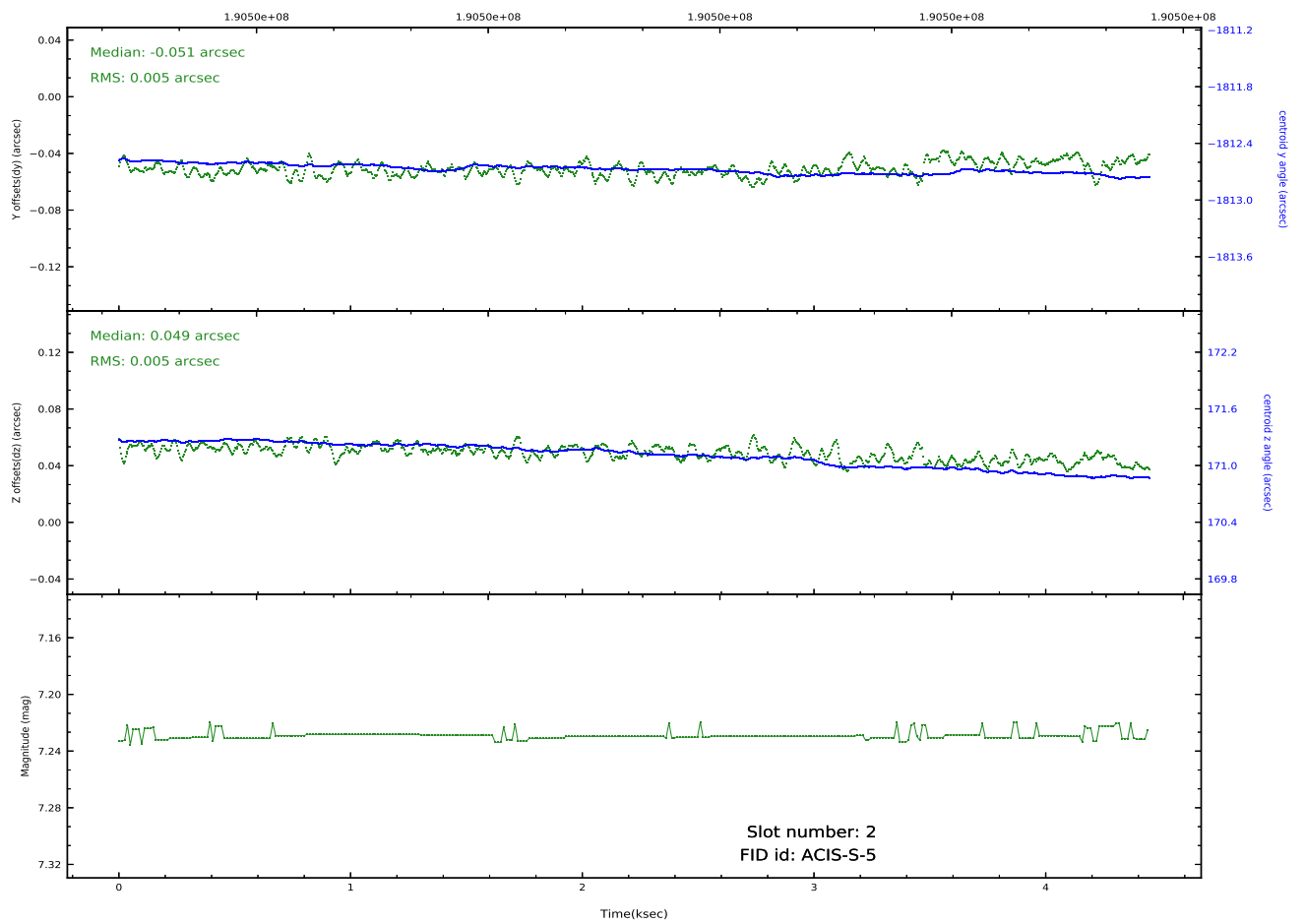
2.5.2 Slot 1



2.5.3 Slot 2



Time (s)



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2020.09.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.446

A.2 Comments