

V&V Reference Report

L2 ASCDS Version : 10.9.1

Observation 4787 - L2 Version 4
Chandra X-Ray Center

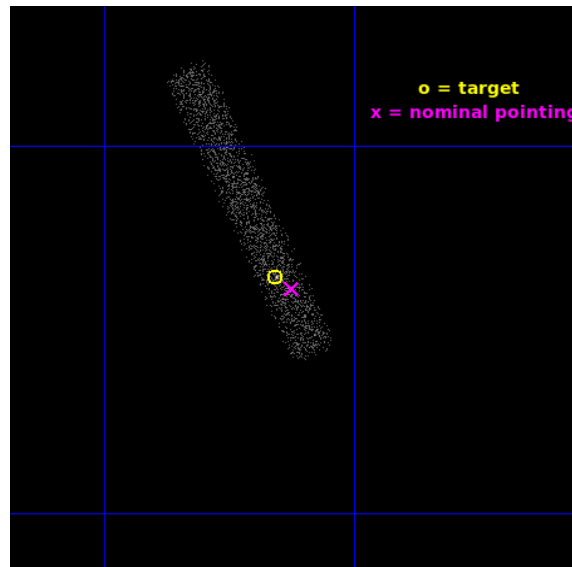
L2 Processing Date : Sep 27 2020

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1 Front

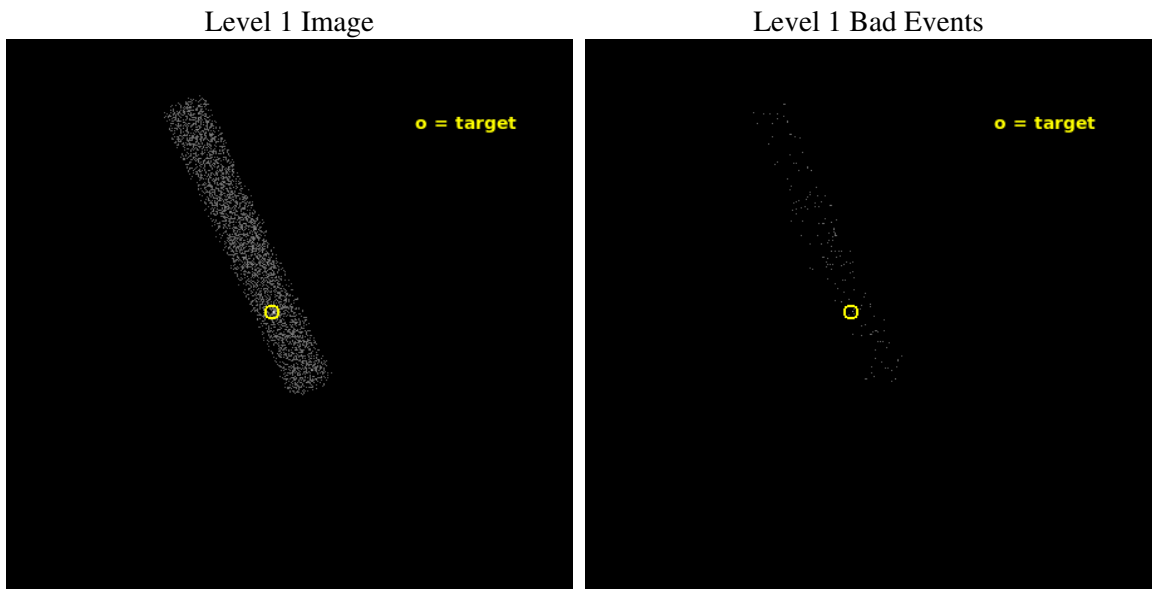
seq_num	700870	Sequence number
obs_id	4787	Observation id
title	Anchoring the AGN X-ray Luminosity Function	Proposal title
observer	Dr. JOHN SALZER	Principal investigator
object	KISS F1450-5276	Source name
dtycycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	222.789167	Observer's specified target RA [deg]
dec_targ	29.440556	Observer's specified target Dec [deg]
ra_nom	222.7809866058	Nominal RA [deg]
dec_nom	29.435209659805	Nominal Dec [deg]
roll_nom	246.43039890404	Nominal Roll [deg]
revision	4	Processing version of data
ontime	2160.0000321567	Sum of GTIs [s]
livetime	1959.0060150161	Livetime [s]
ontime7	2160.0000321567	Sum of GTIs [s]
l2events	3018	Number of level 2 events



2 OBI

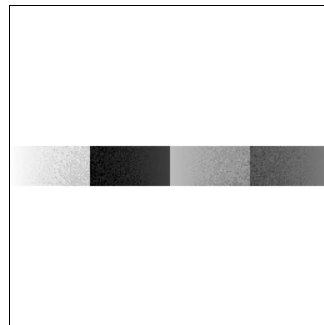
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	1970.464000	[s] Scheduled observation exposure time
ascdsver	10.9.1	Processing system revision	ontime	2160.0000321567	Sum of GTIs [s]
caldbver	4.9.2	 	ontime7	2160.0000321567	Sum of GTIs [s]
date	2020-09-27T12:58:59	Date and time of file creation	l1events	5727	Number of level 1 events
revision	4	Processing version of data			

2.1.4 Events

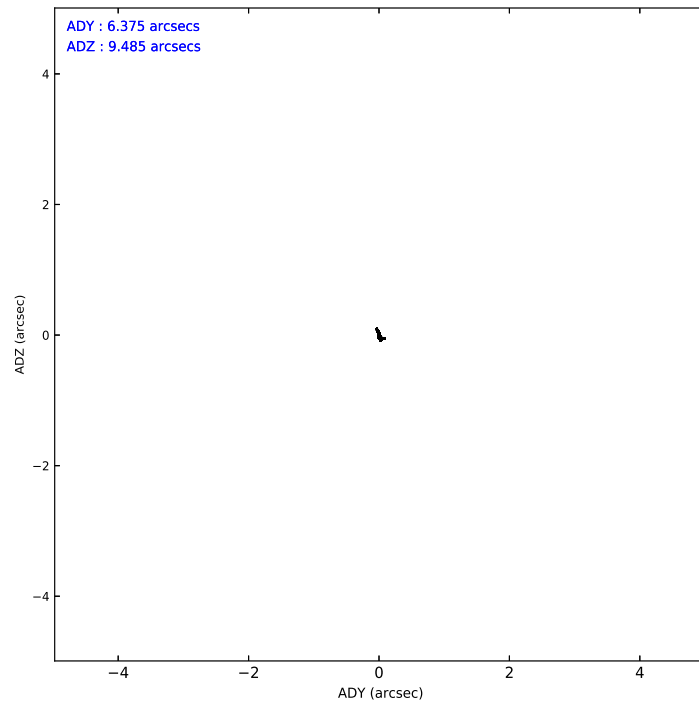
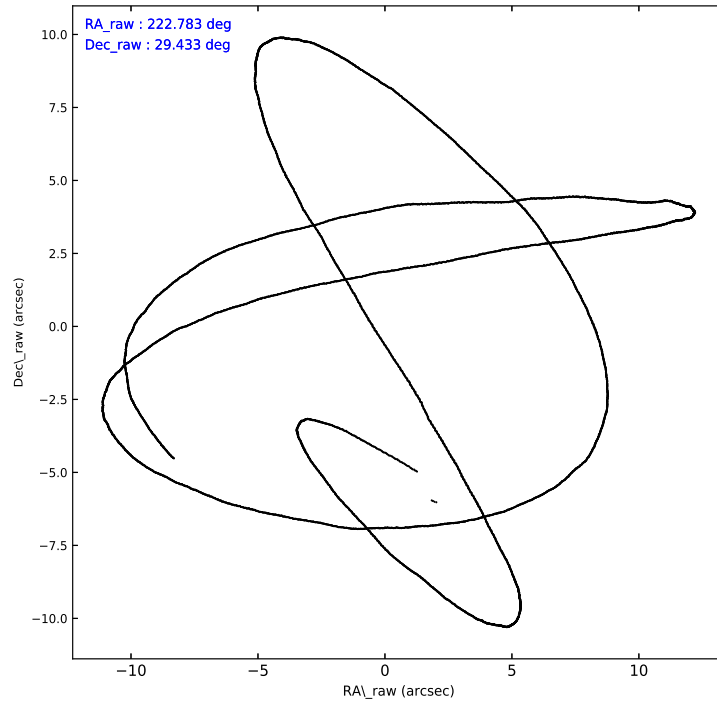
	ccd 7
level 1 events	5727
rejected events	2640
rejected %	46%

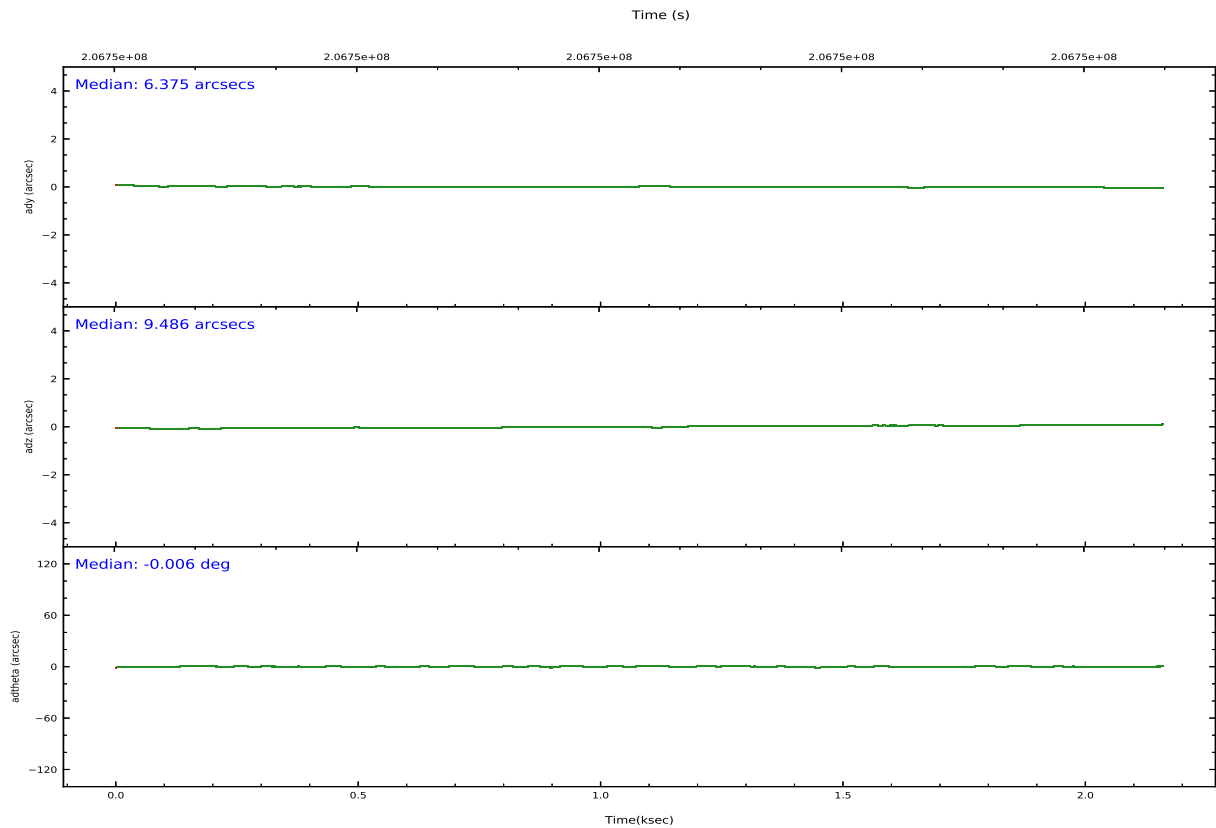
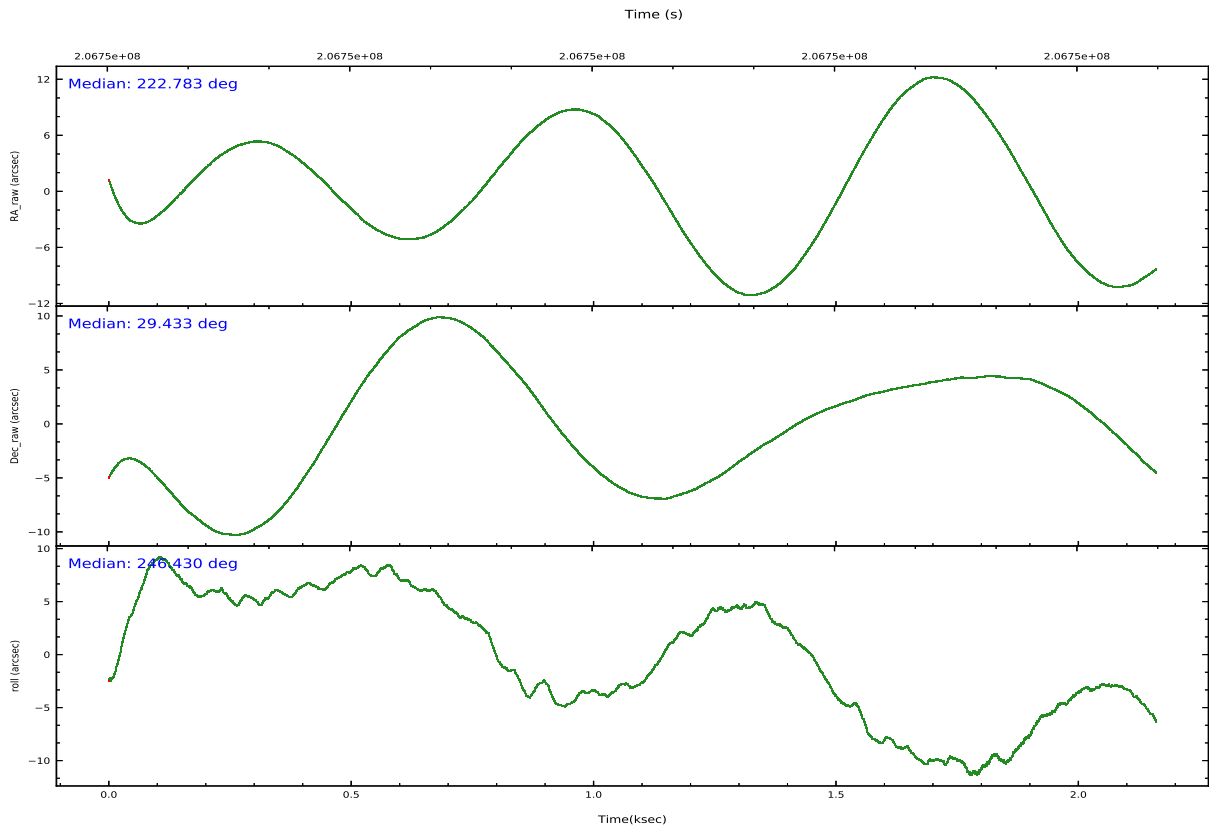
	ccd 7
grade 0 events	514
	8%
grade 1 events	6
	0%
grade 2 events	667
	11%
grade 3 events	381
	6%
grade 4 events	412
	7%
grade 5 events	337
	5%
grade 6 events	1815
	31%
grade 7 events	1595
	27%

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	222.779087	222.7809866058	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	29.459531	29.435209659805	Subarray start row	449	449
[deg] Pointing Roll	246.272995	246.43039890404	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	-190.1400660498719			
[mm] SIM translation stage offset	0	0.00754346686406393			
[s] Observation start time (MET)	206746693.184000	206745751.5277			
Observation start date	2004-07-20T21:37:09	2004-07-20T21:22:31			
[s] Observation end time (MET)	206748664.184000	206748895.71534			
Observation end date	2004-07-20T22:10:00	2004-07-20T22:14:55			
Read mode	TIMED	TIMED			

2.3 Aspect





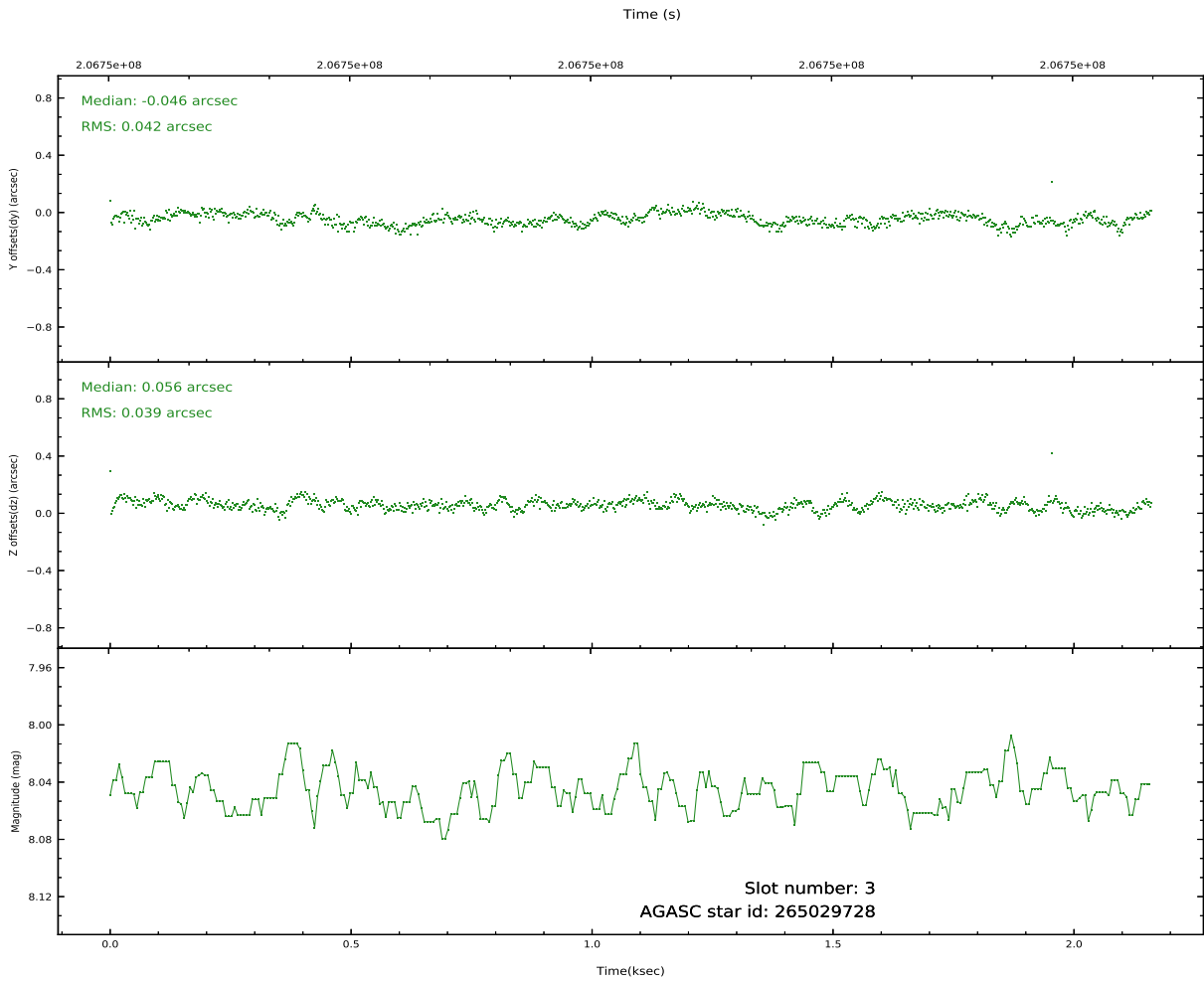
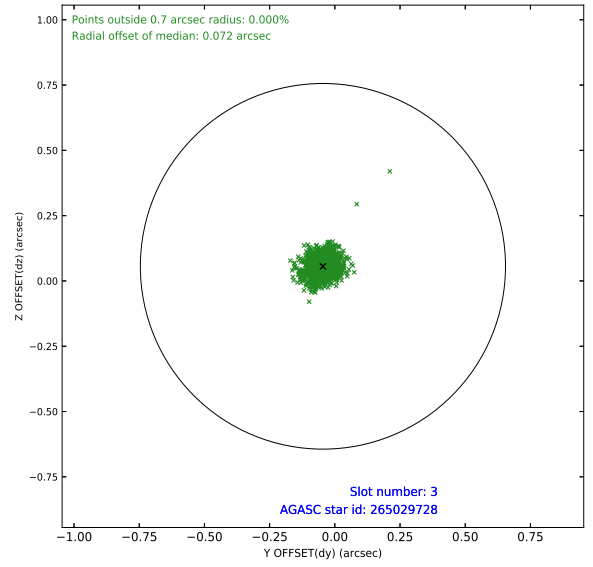
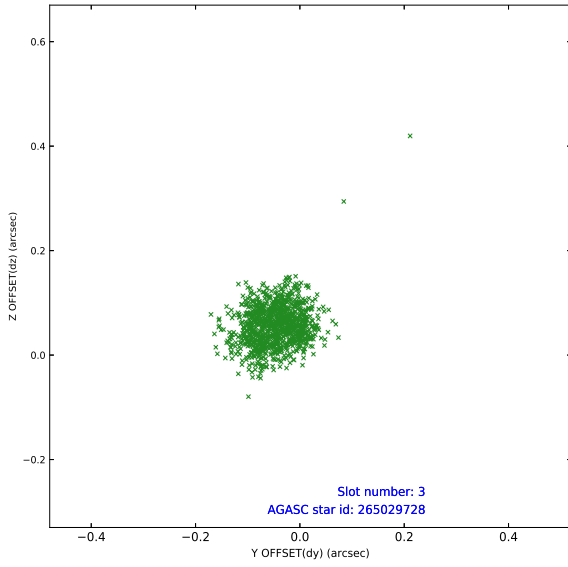
Slot Statistics

slot	status	used	id	mag	n_pts	frac_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_x
0	FID		ACIS-S-1	7.18	528	1.000	0.032	-0.028	0.007	0.012	0.000000	0.000000	936.97	-1726
1	FID		ACIS-S-5	7.24	528	1.000	-0.100	0.014	0.007	0.011	0.000000	0.000000	-1810.48	168
2	FID		ACIS-S-6	7.35	528	1.000	0.046	0.026	0.007	0.011	0.000000	0.000000	399.26	815
3	GUIDE	used	265029728	8.05	1055	1.000	-0.046	0.056	0.059	0.094	223.171215	29.256203	172.64	1421
4	GUIDE	used	265031192	9.61	1052	1.000	0.089	-0.080	0.101	0.179	222.963858	29.504851	-382.73	465
5	GUIDE	used	265037008	9.40	1053	1.000	0.127	0.063	0.098	0.161	222.780703	28.744402	2354.34	1041
6	GUIDE	used	265164608	9.87	1055	1.000	-0.002	0.014	0.121	0.201	223.478489	29.236472	-152.92	2332
7	GUIDE	used	334889568	9.96	1051	1.000	-0.168	-0.061	0.129	0.207	222.675118	30.166138	-2198.98	-1317

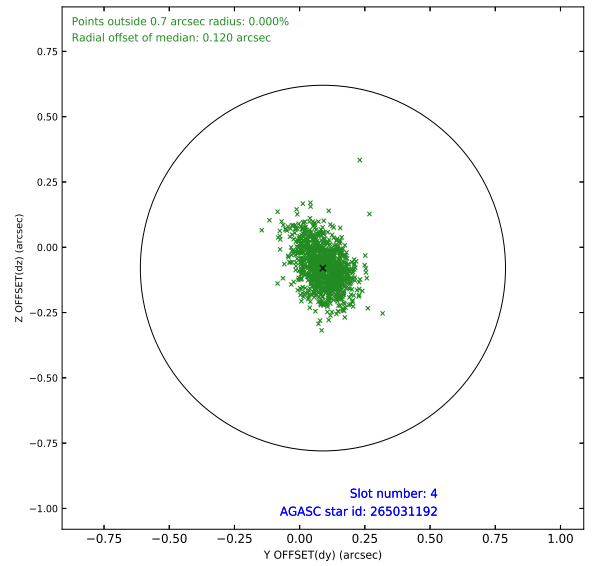
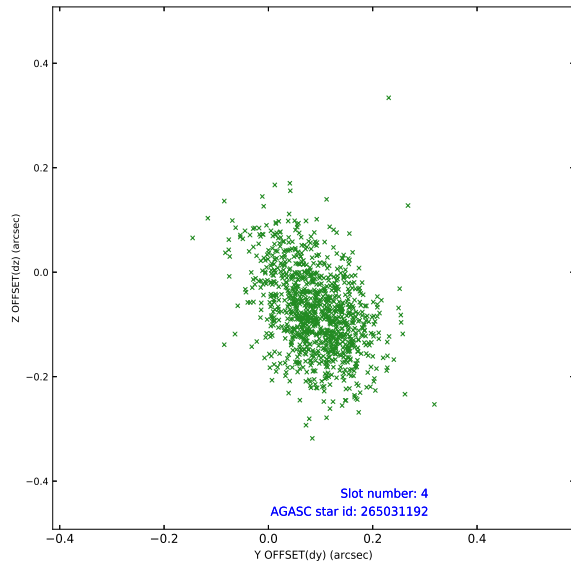
∞

2.4 Star Slots

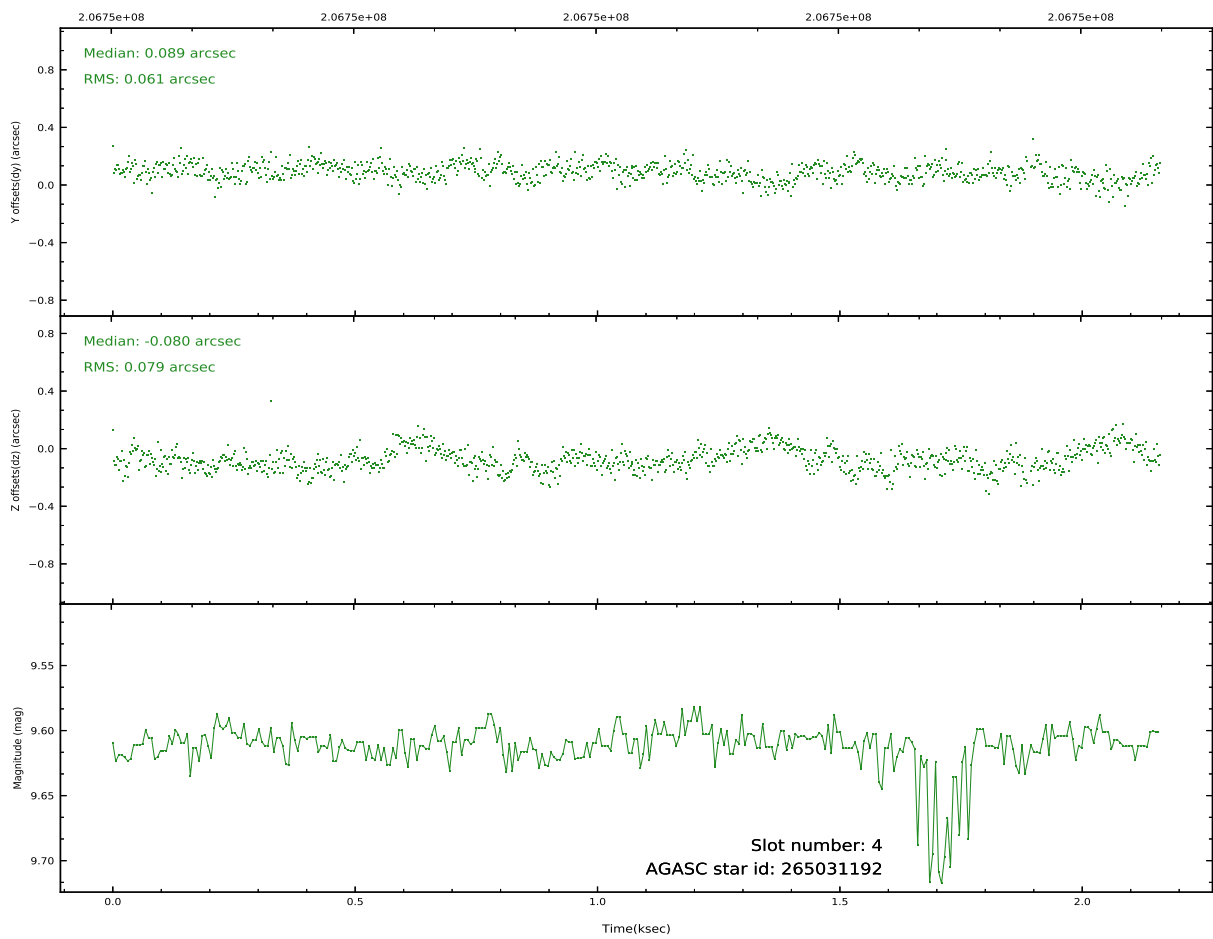
2.4.1 Slot 3



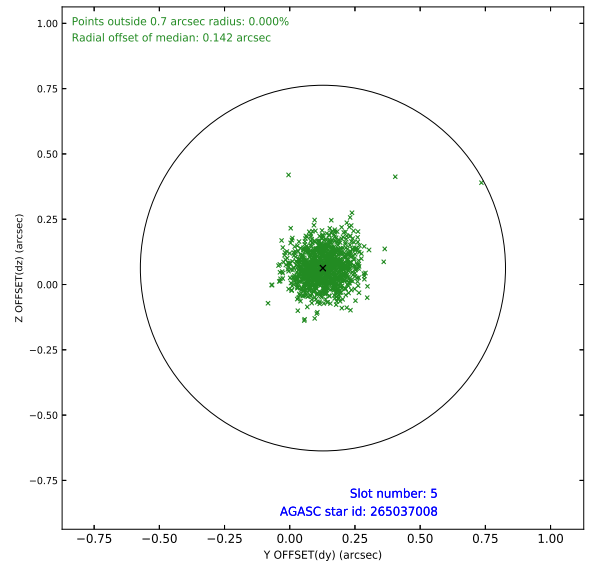
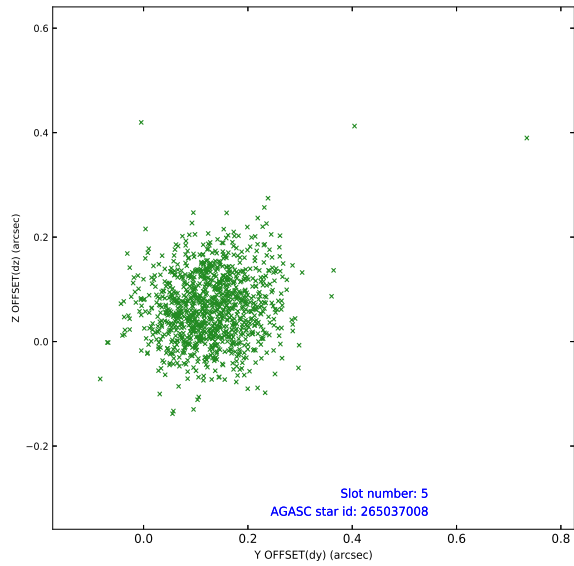
2.4.2 Slot 4



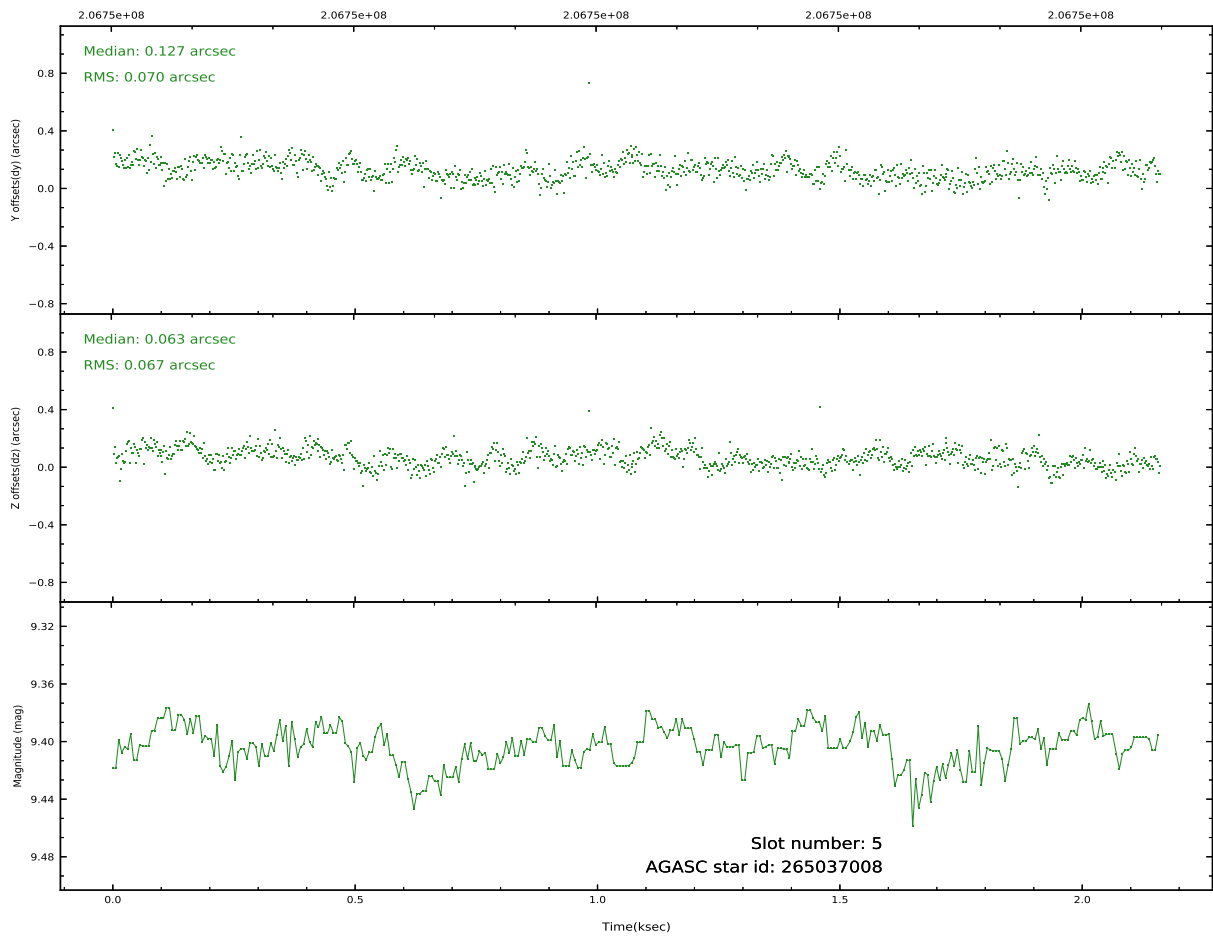
Time (s)



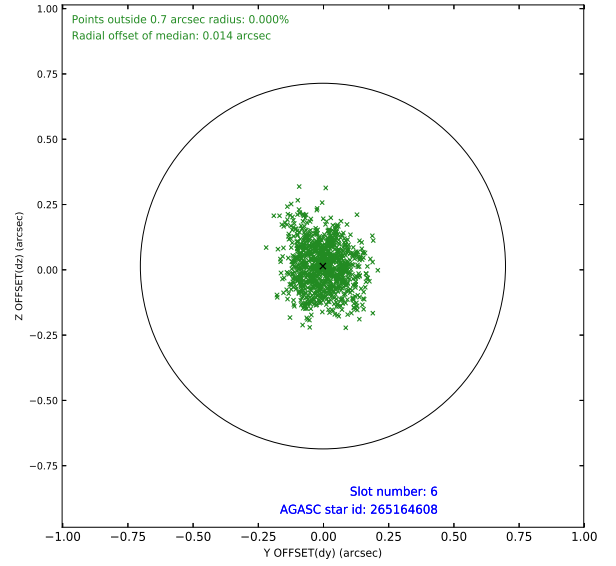
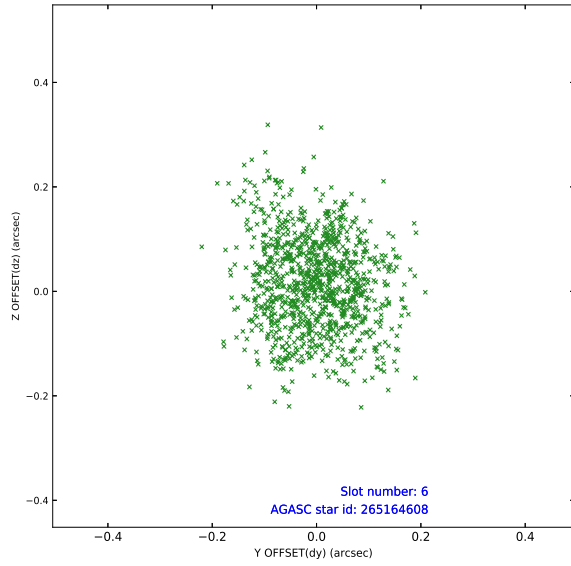
2.4.3 Slot 5



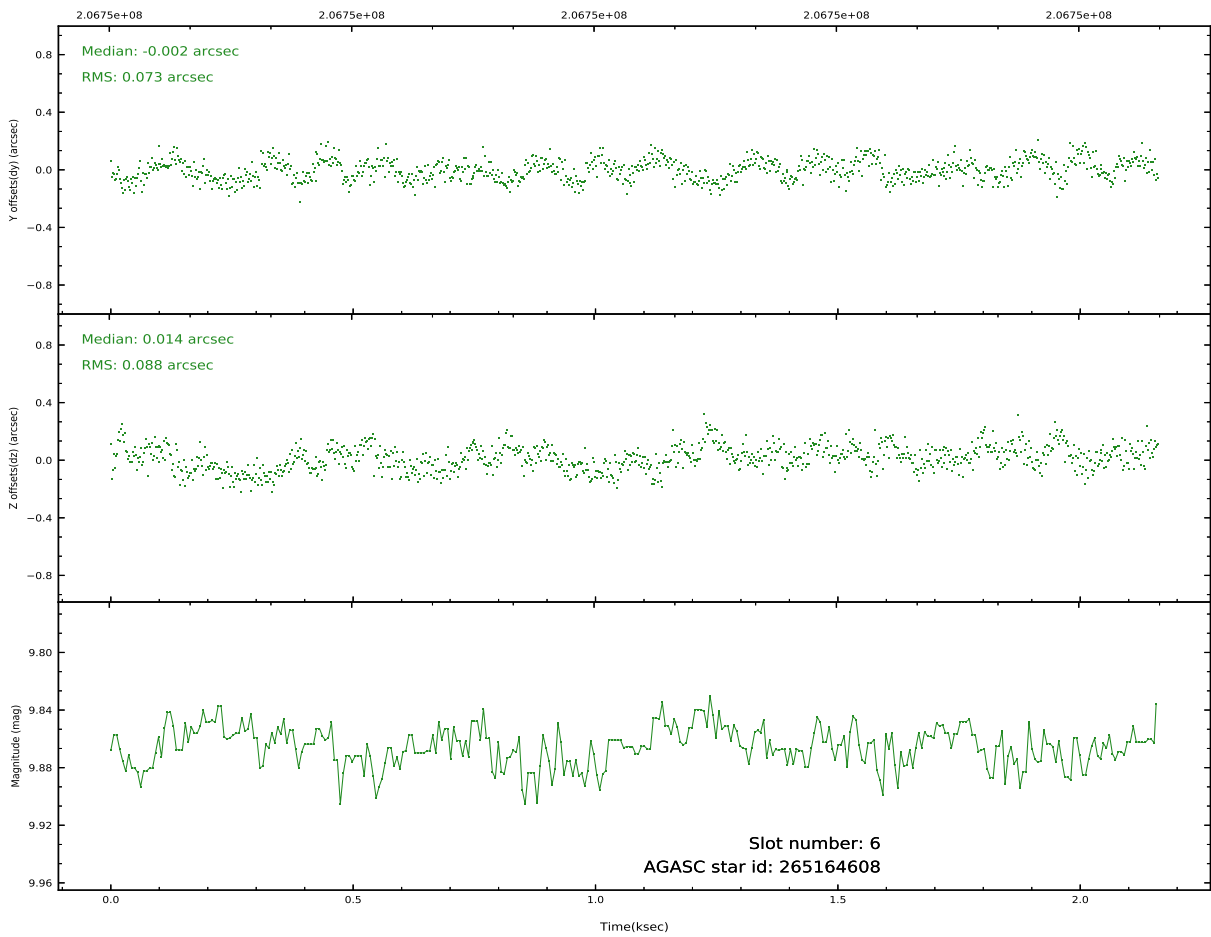
Time (s)



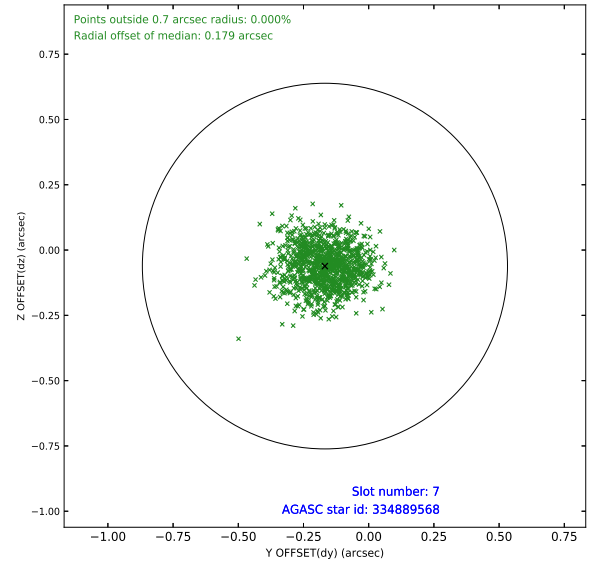
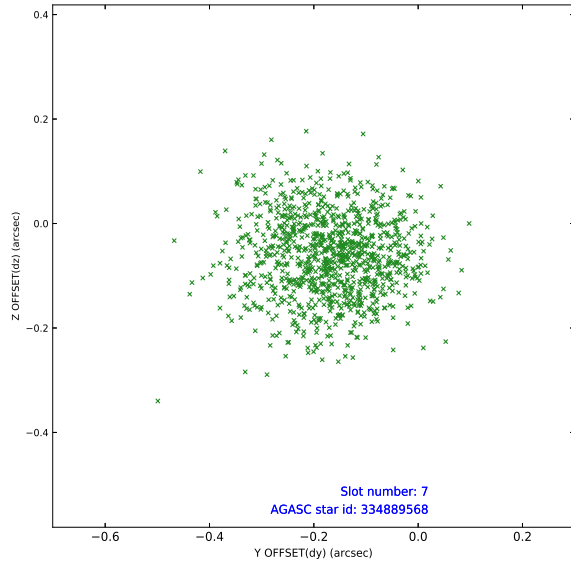
2.4.4 Slot 6



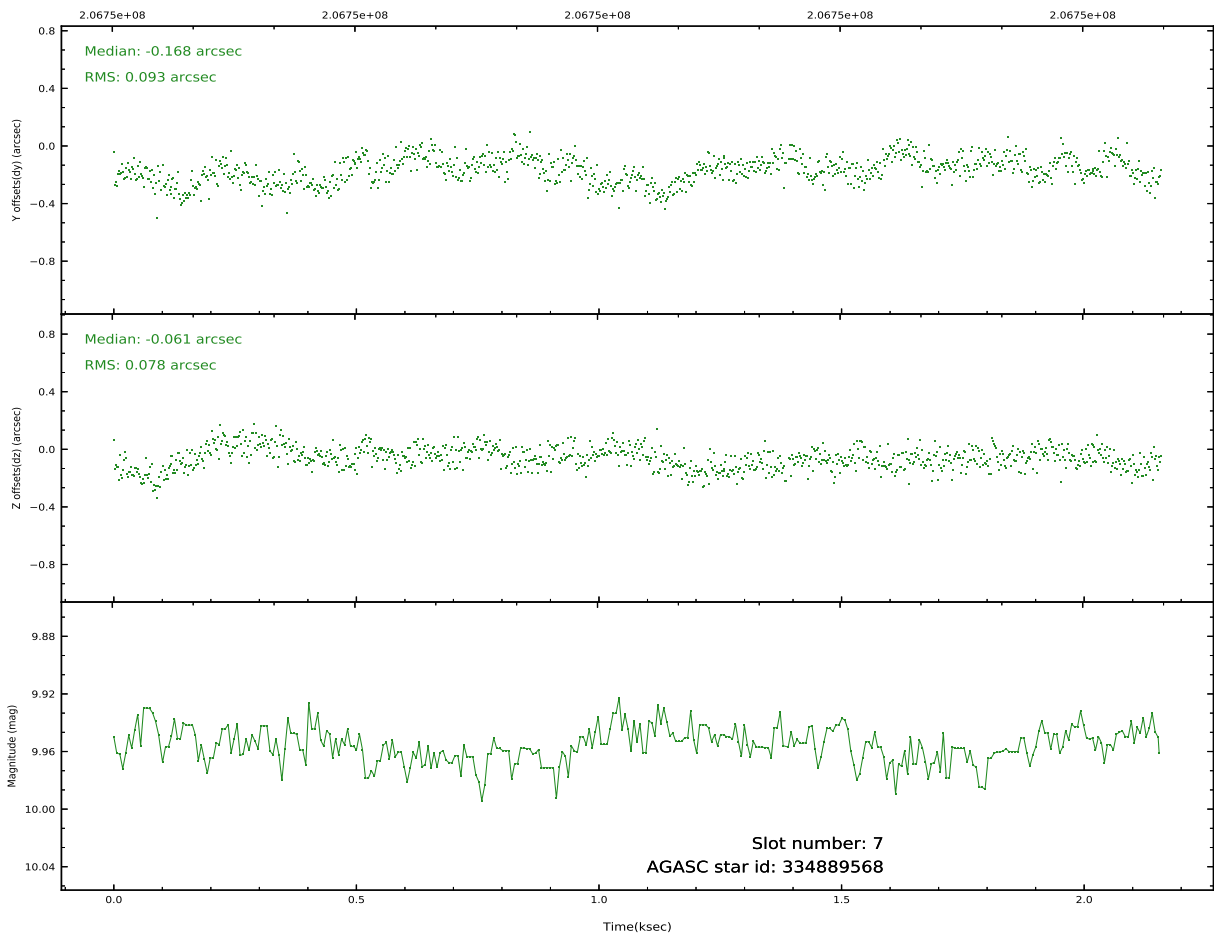
Time (s)



2.4.5 Slot 7

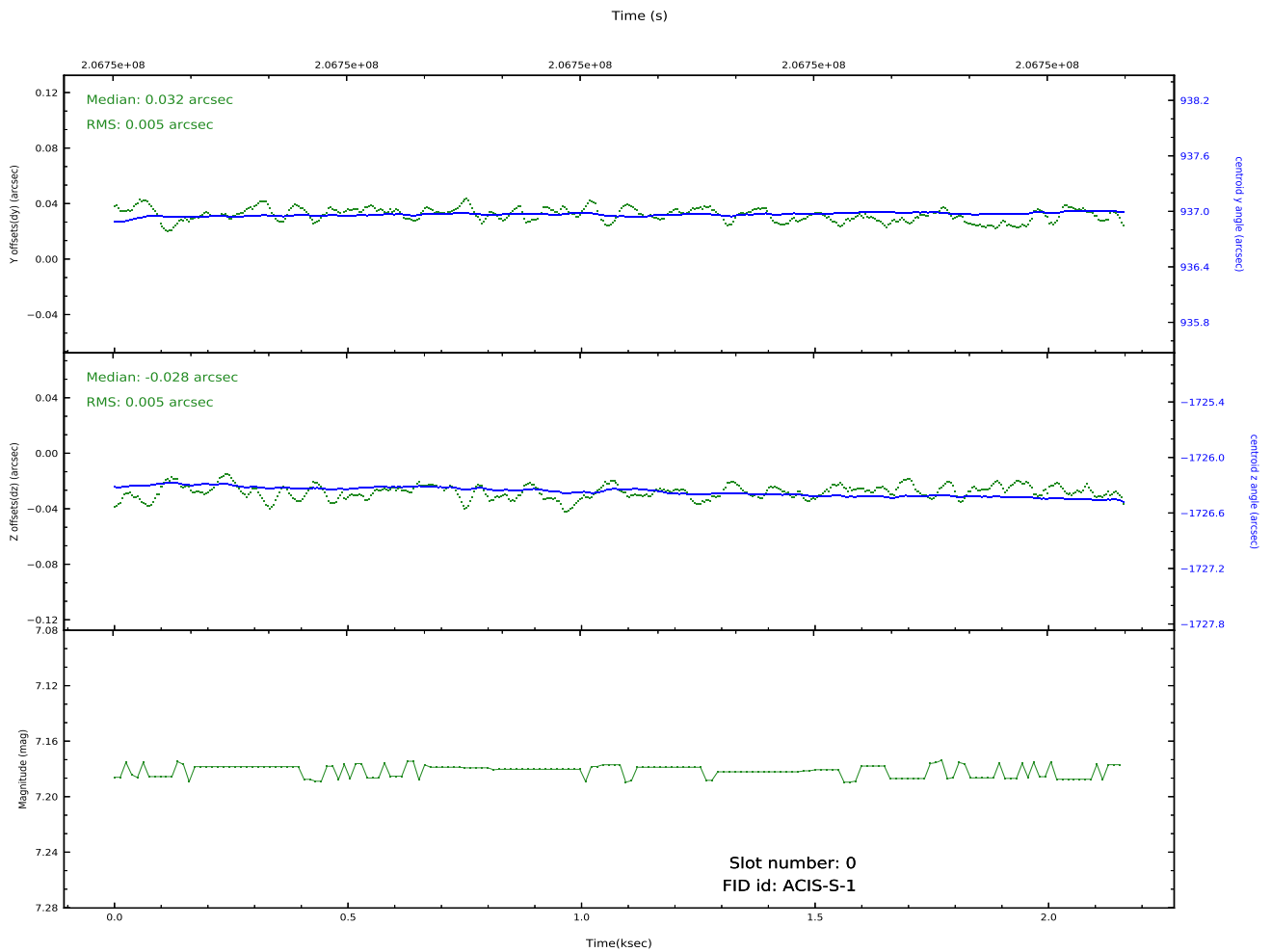
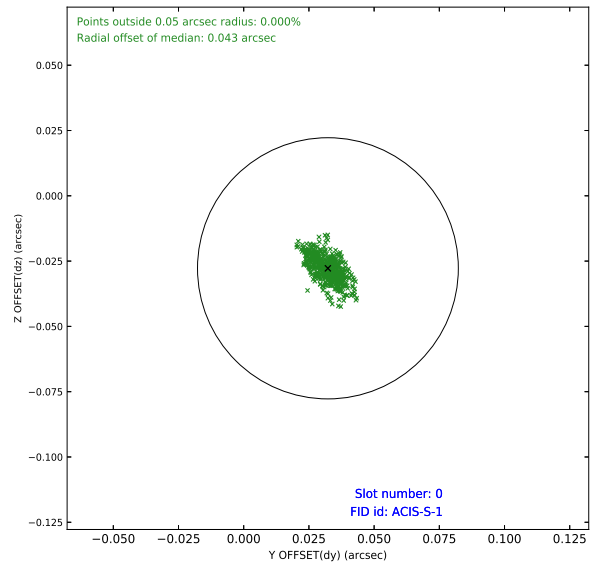
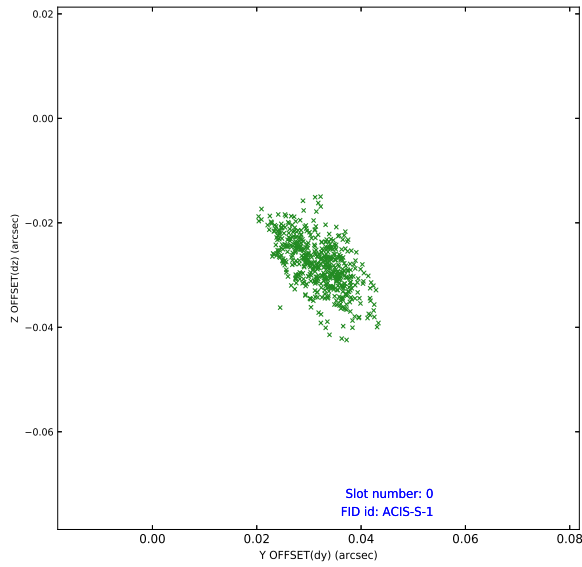


Time (s)

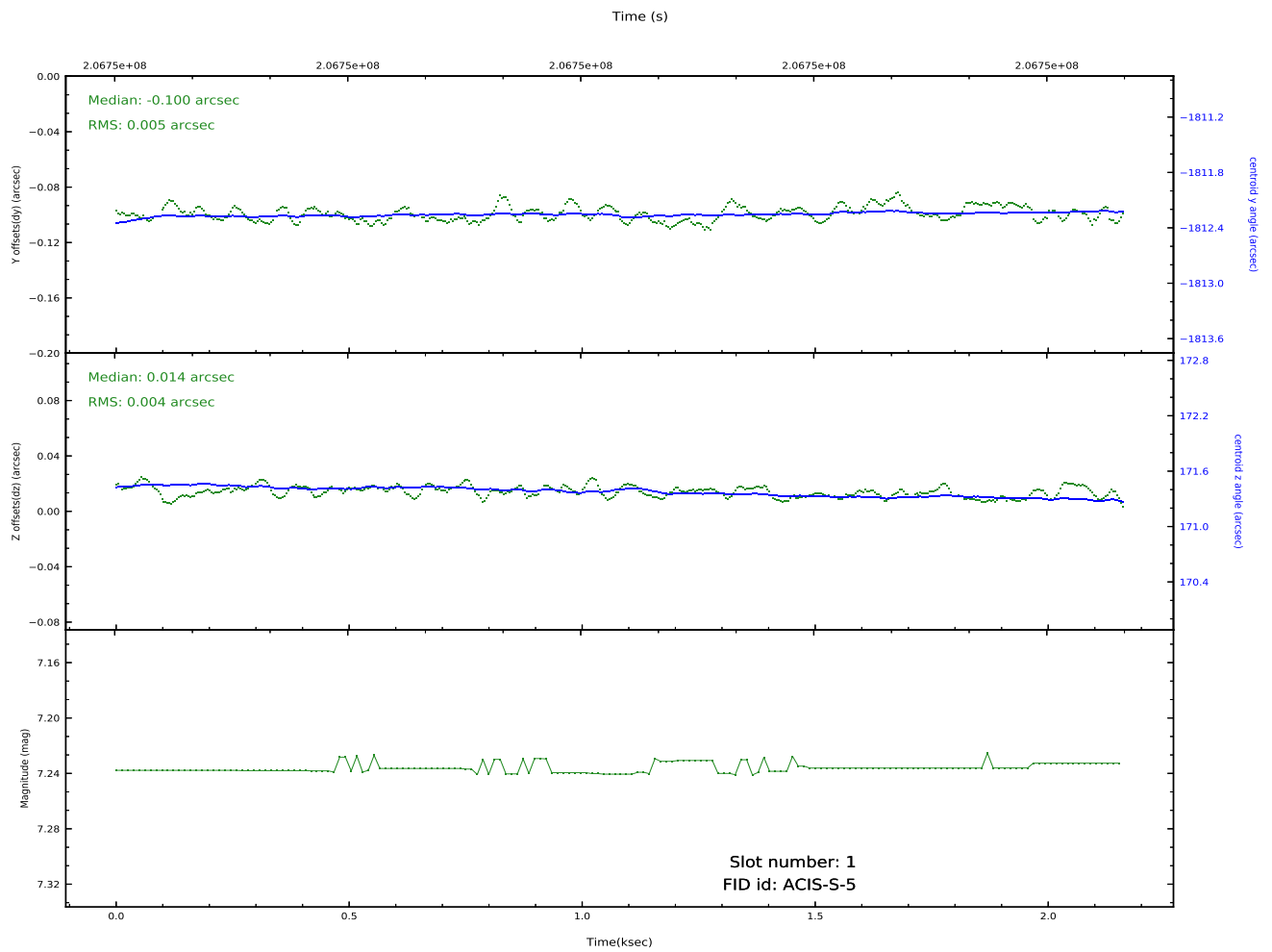
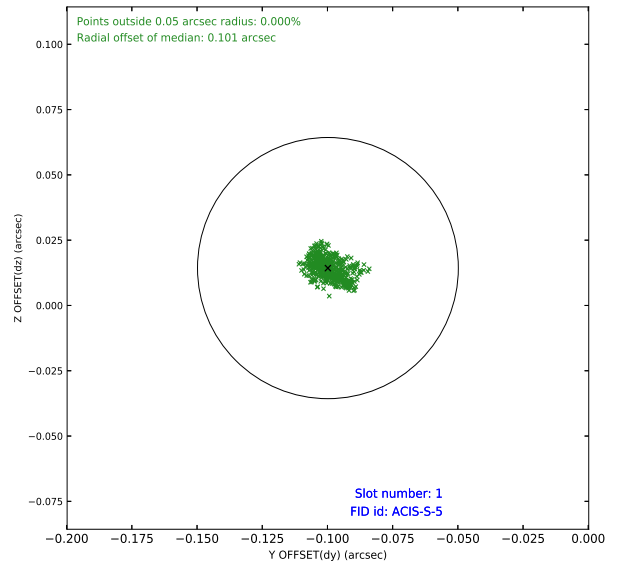
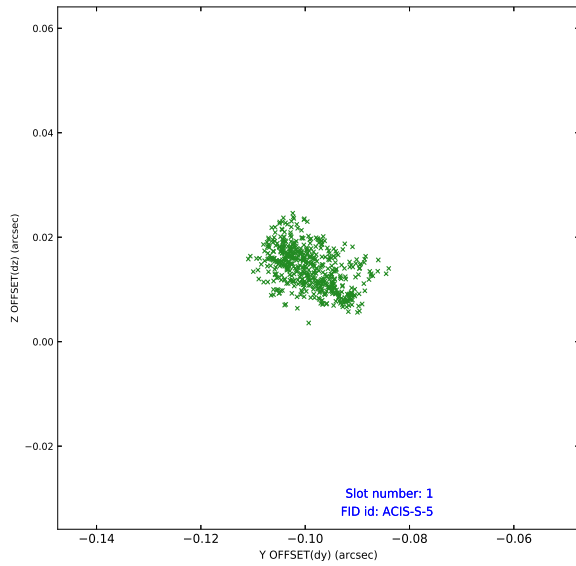


2.5 FID Slots

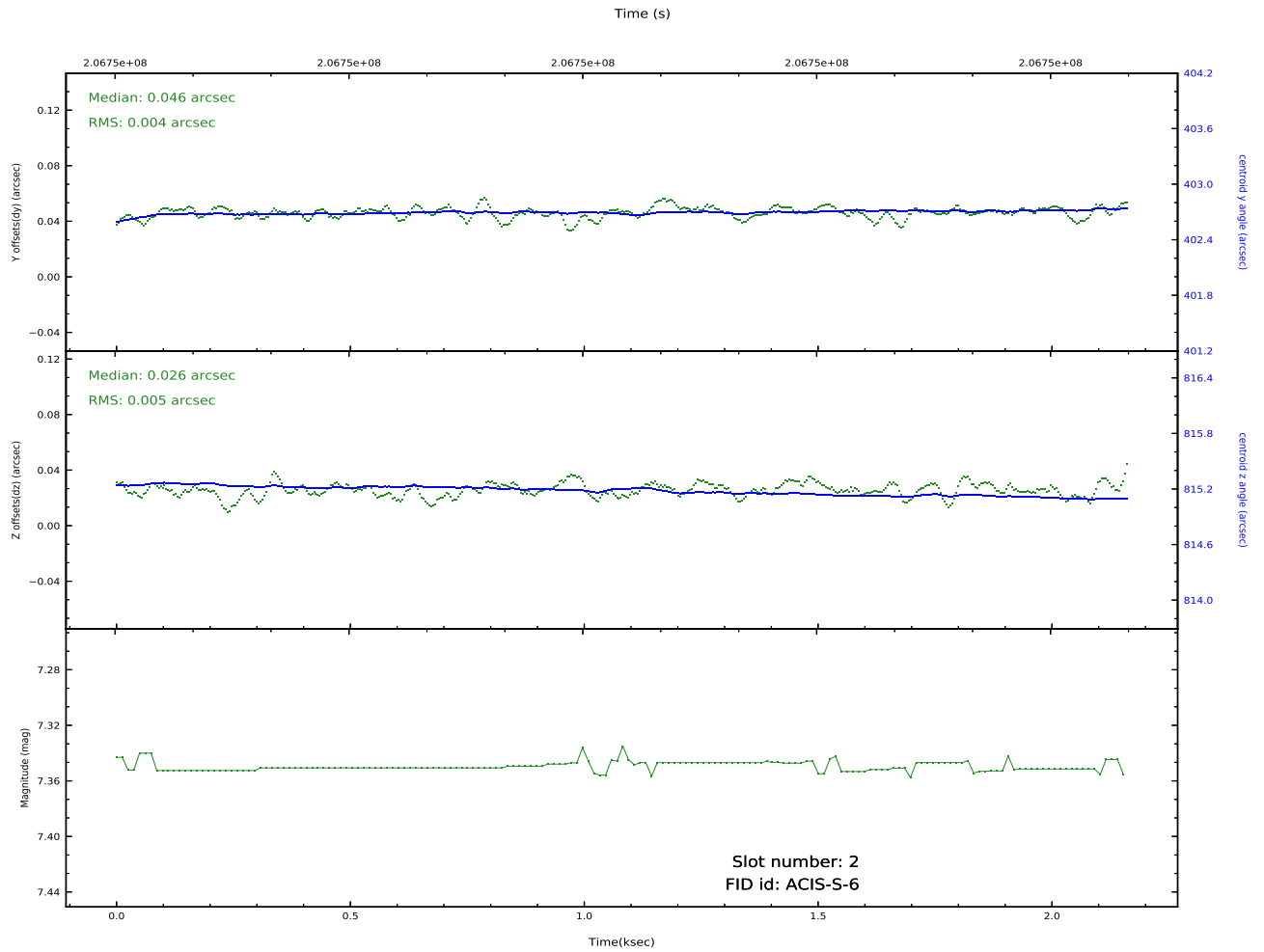
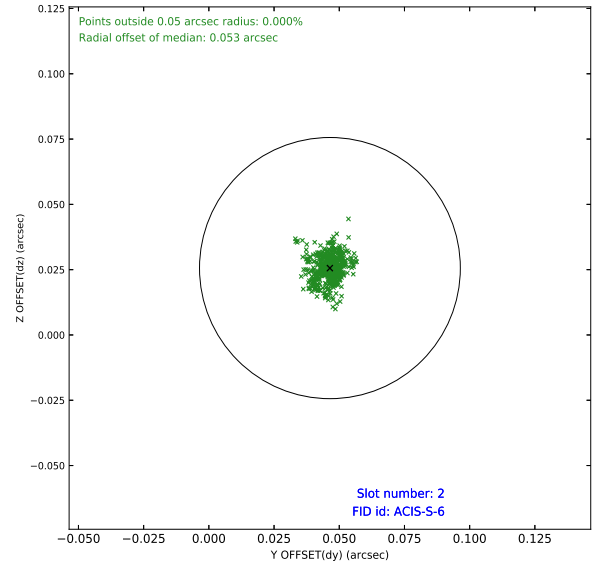
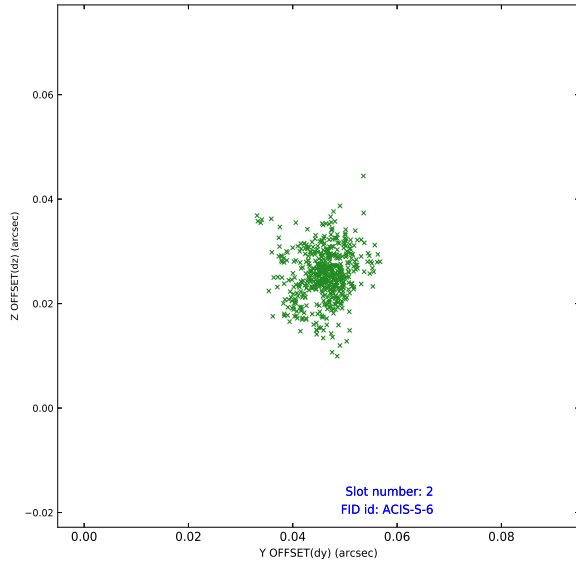
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2020.09.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.16

A.2 Comments