

V&V Reference Report

L2 ASCDS Version : 10.9.1

Observation 5668 - L2 Version 4
Chandra X-Ray Center

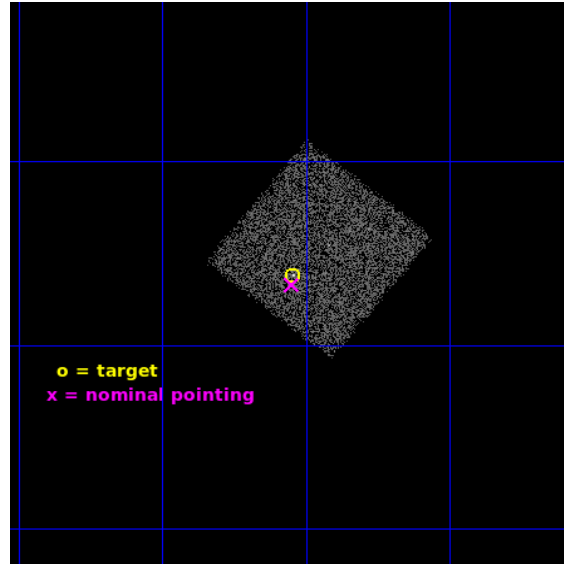
L2 Processing Date : Oct 5 2020

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1 Front

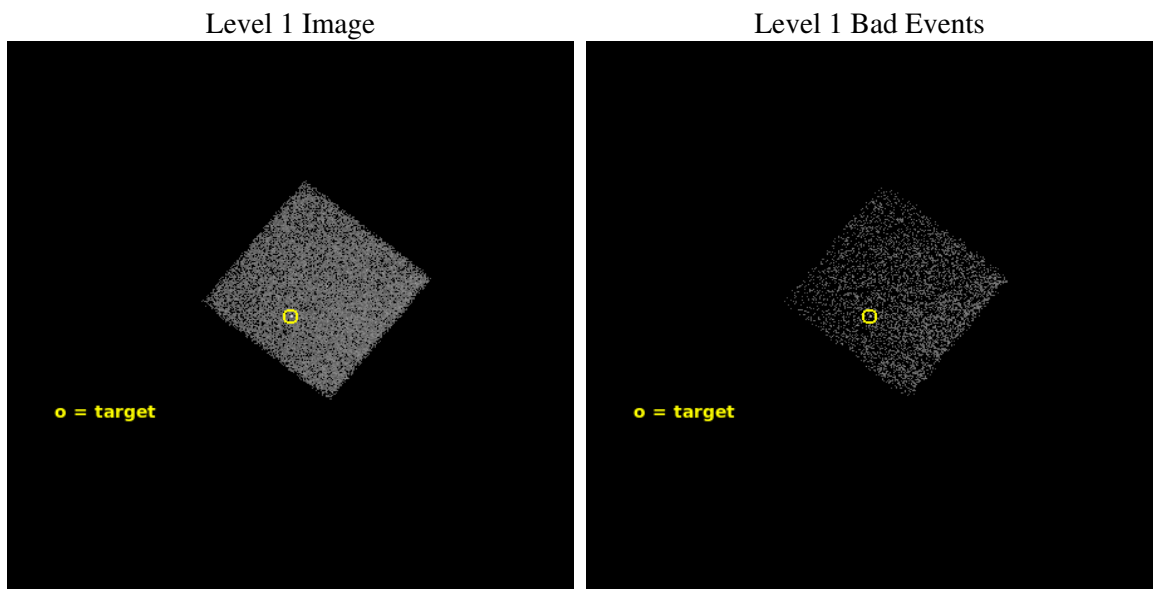
seq_num	701091	Sequence number
obs_id	5668	Observation id
title	Gems in the Chandra Deep Fields: The Nature of Optically Passive X-ray Galaxies (aka XBONGs)	Proposal title
observer	Dr. Sally Laurent-Muehleisen	Principal investigator
object	RGB0238+025A	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	39.63625	Observer's specified target RA [deg]
dec_targ	2.563556	Observer's specified target Dec [deg]
ra_nom	39.637193192056	Nominal RA [deg]
dec_nom	2.5548109289101	Nominal Dec [deg]
roll_nom	308.71586222187	Nominal Roll [deg]
revision	4	Processing version of data
ontime	3147.0	Sum of GTIs [s]
livetime	3104.5300292005	Livetime [s]
ontime7	3147.0	Sum of GTIs [s]
l2events	14213	Number of level 2 events



2 OBI

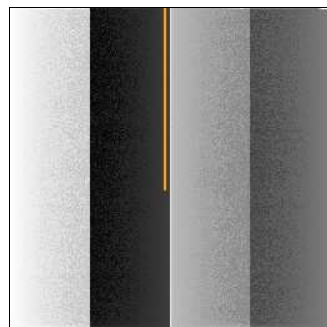
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	3000.000000	[s] Scheduled observation exposure time
ascdsver	10.9.1	Processing system revision	ontime	3147.0	Sum of GTIs [s]
caldsver	4.9.2	 	ontime7	3147.0	Sum of GTIs [s]
date	2020-10-05T09:33:33	Date and time of file creation	l1events	46855	Number of level 1 events
revision	4	Processing version of data			

2.1.4 Events

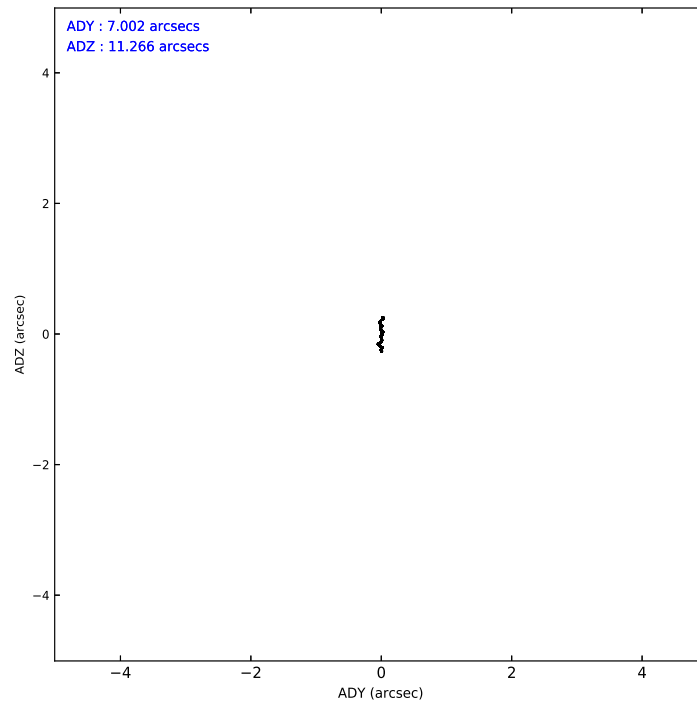
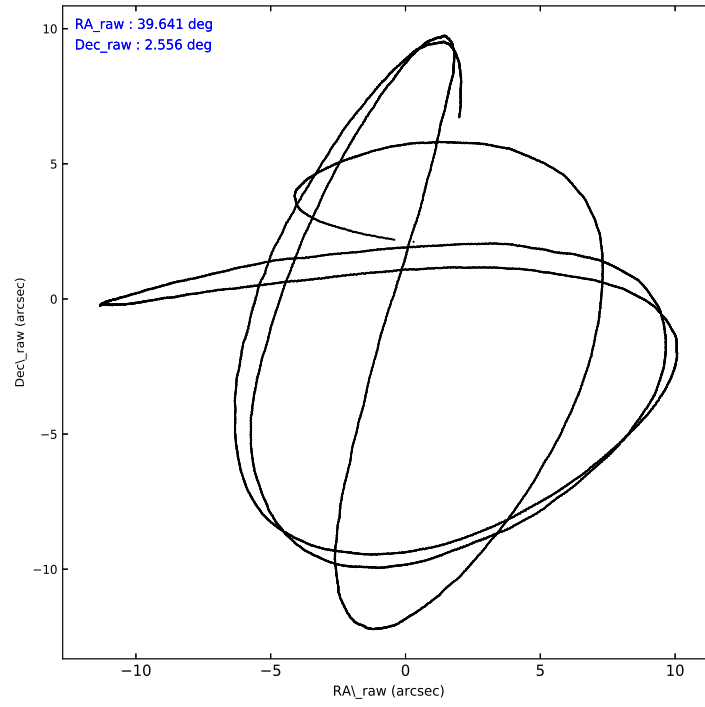
	ccd 7
level 1 events	46855
rejected events	32204
rejected %	68%

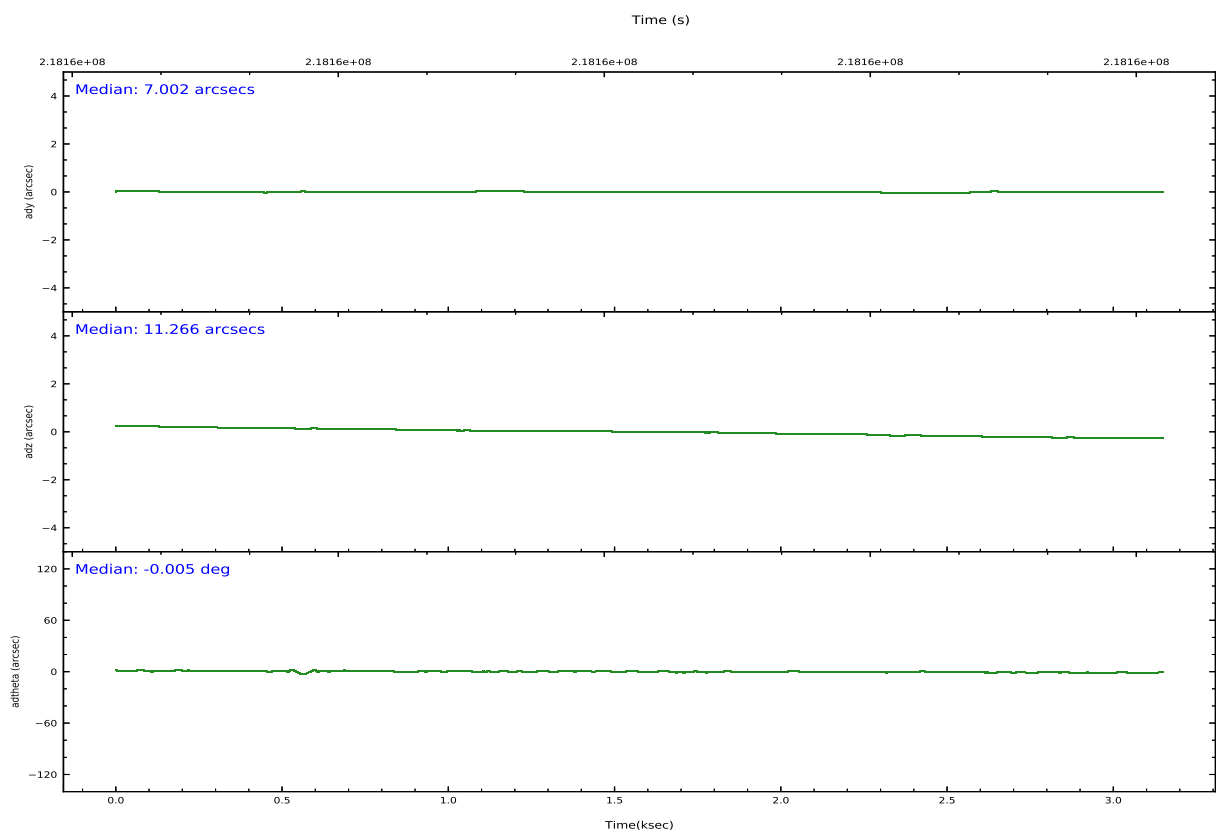
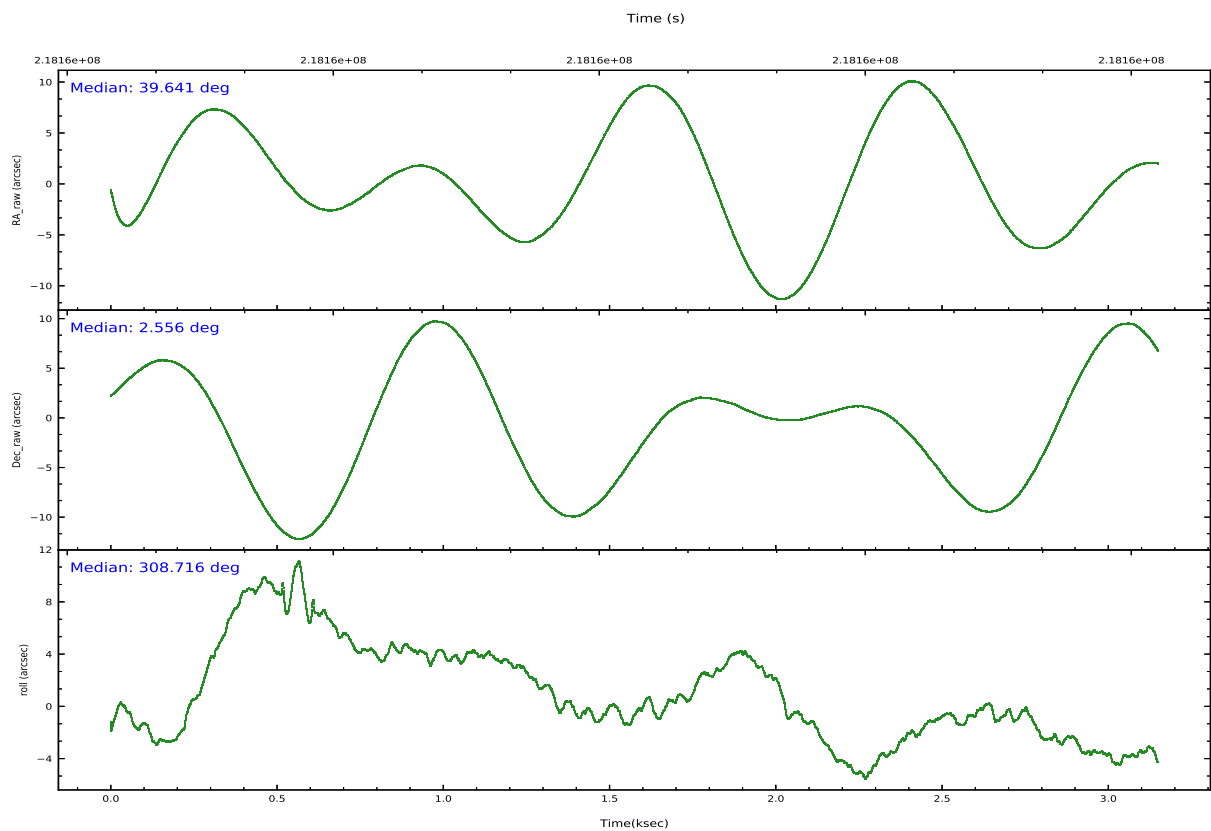
	ccd 7
grade 0 events	1879
	4%
grade 1 events	49
	0%
grade 2 events	4079
	8%
grade 3 events	1870
	3%
grade 4 events	1788
	3%
grade 5 events	4445
	9%
grade 6 events	10552
	22%
grade 7 events	22193
	47%

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	39.615356	39.637193192056	Subarray requested	NONE	NONE
[deg] Pointing Dec	2.564610	2.5548109289101	Alternating exposures requested	N	N
[deg] Pointing Roll	308.563325	308.71586222187	[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)	218156281.184000	218154868.67482			
Observation start date	2004-11-29T22:56:57	2004-11-29T22:34:28			
[s] Observation end time (MET)	218159281.184000	218159964.46255			
Observation end date	2004-11-29T23:46:57	2004-11-29T23:59:24			
Read mode	TIMED	TIMED			

2.3 Aspect



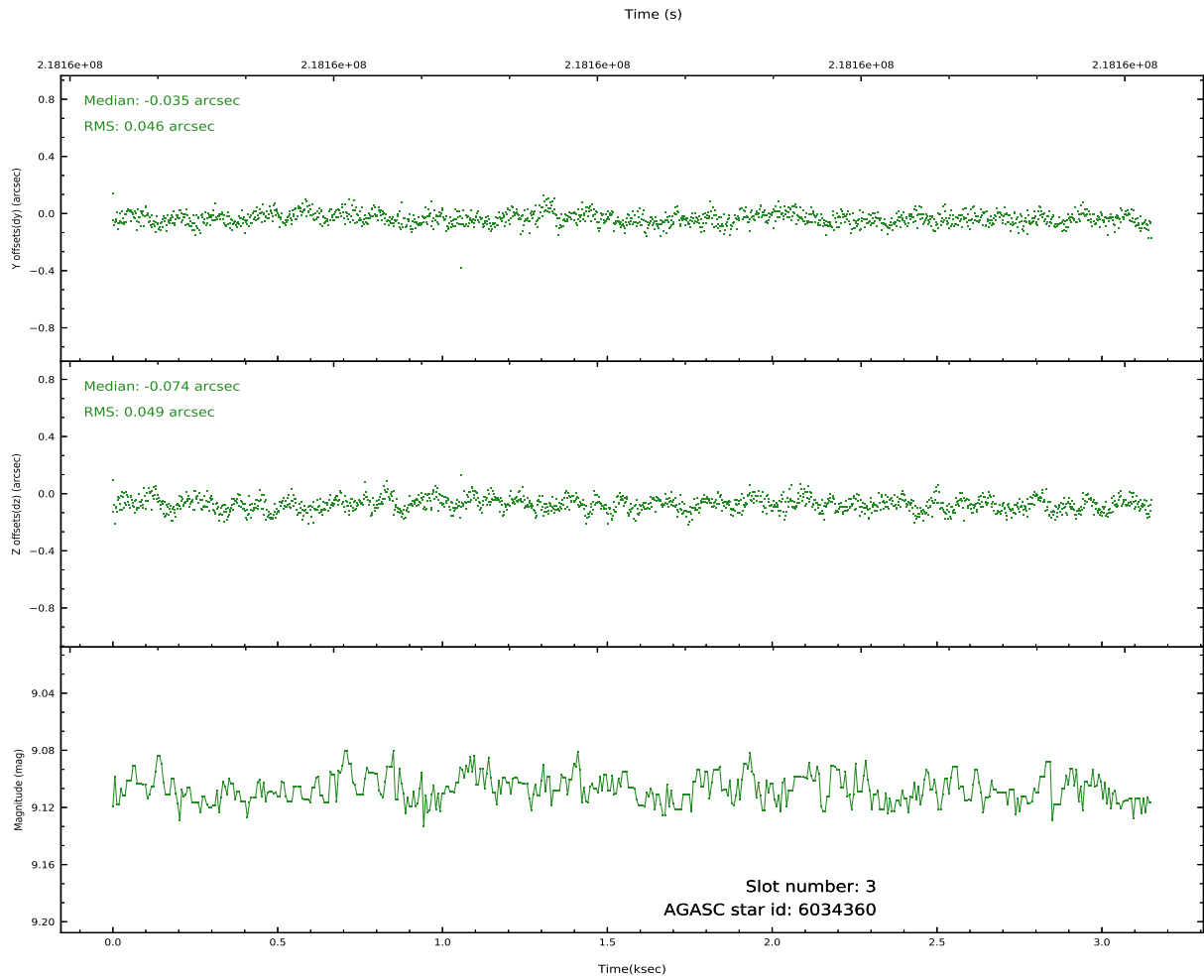
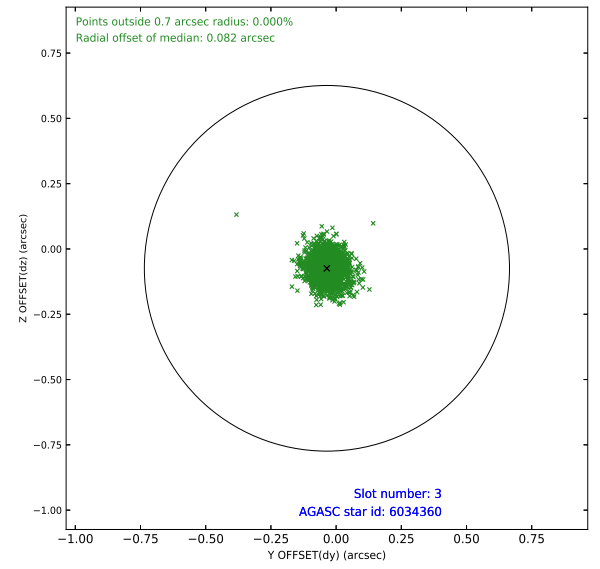
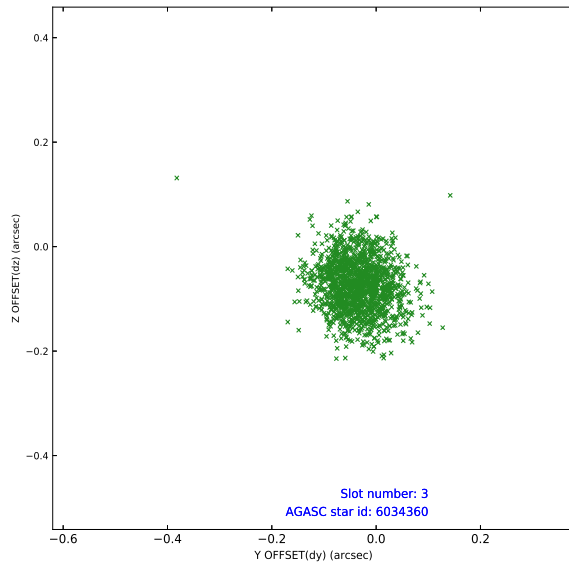


Slot Statistics

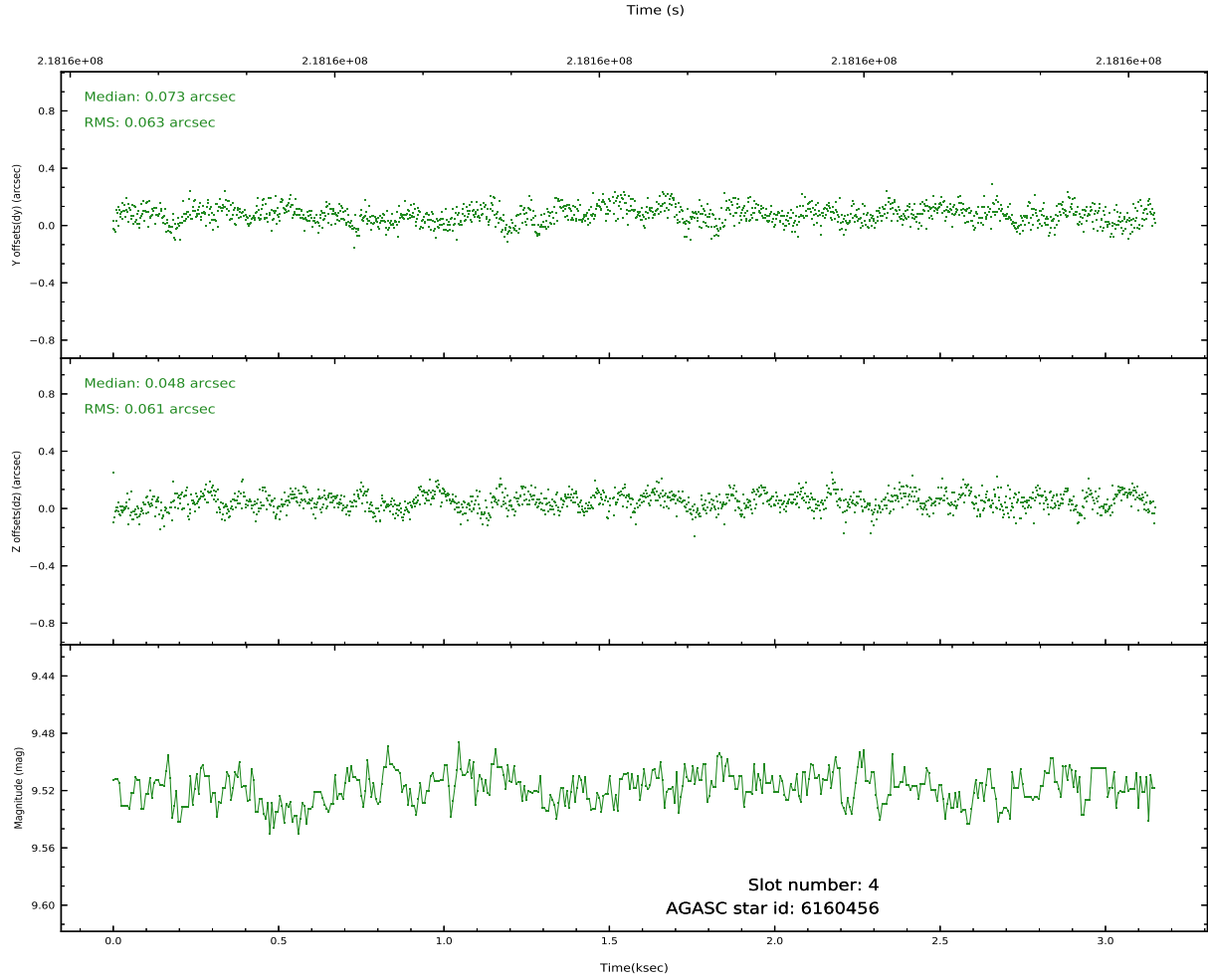
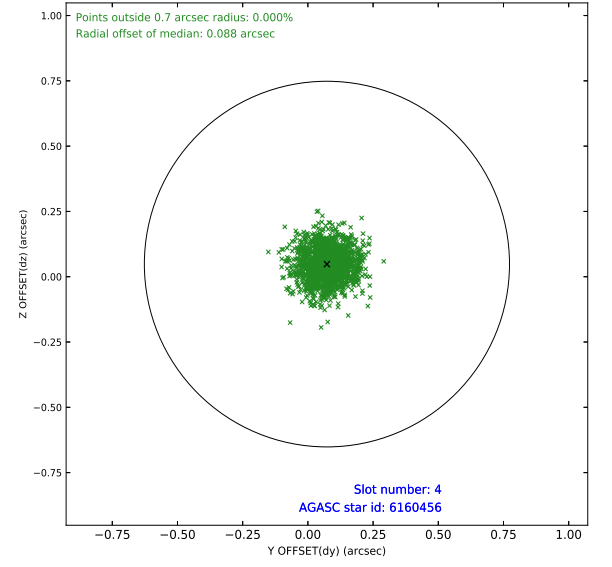
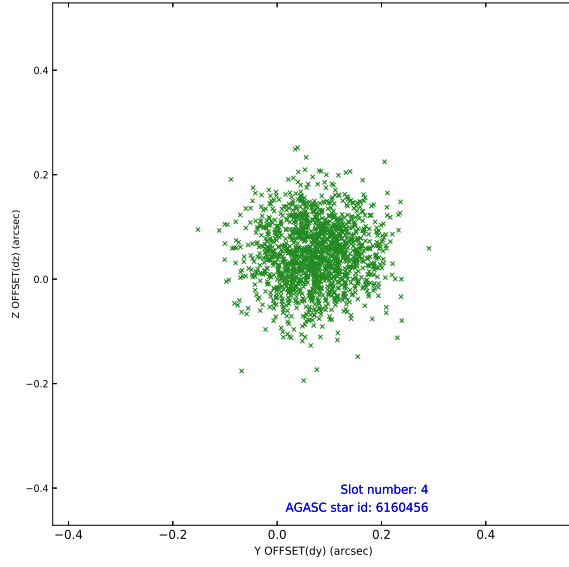
pt	status	used	id	mag	n_pts	frac_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mea
0	FID		ACIS-S-1	7.19	769	1.000	0.054	-0.111	0.009	0.015	0.000000	0.000000	936.33	-1728
1	FID		ACIS-S-5	7.24	769	1.000	-0.090	0.021	0.007	0.012	0.000000	0.000000	-1811.67	167
2	FID		ACIS-S-6	7.35	769	1.000	0.015	0.102	0.008	0.014	0.000000	0.000000	399.67	813
3	GUIDE	used	6034360	9.11	1537	1.000	-0.035	-0.074	0.071	0.116	39.466807	2.200166	693.37	-1236
4	GUIDE	used	6160456	9.52	1535	1.000	0.073	0.048	0.095	0.152	40.316120	2.319696	2261.09	1420
5	GUIDE	used	6554280	9.44	1538	1.000	-0.031	0.060	0.107	0.178	40.121255	2.713825	715.46	1758
6	GUIDE	used	6557224	8.84	1538	1.000	0.046	0.065	0.079	0.121	40.036096	2.918511	-52.38	1977
7	GUIDE	used	6554032	6.97	1537	1.000	-0.046	-0.093	0.069	0.105	40.197253	2.898470	364.18	2386

2.4 Star Slots

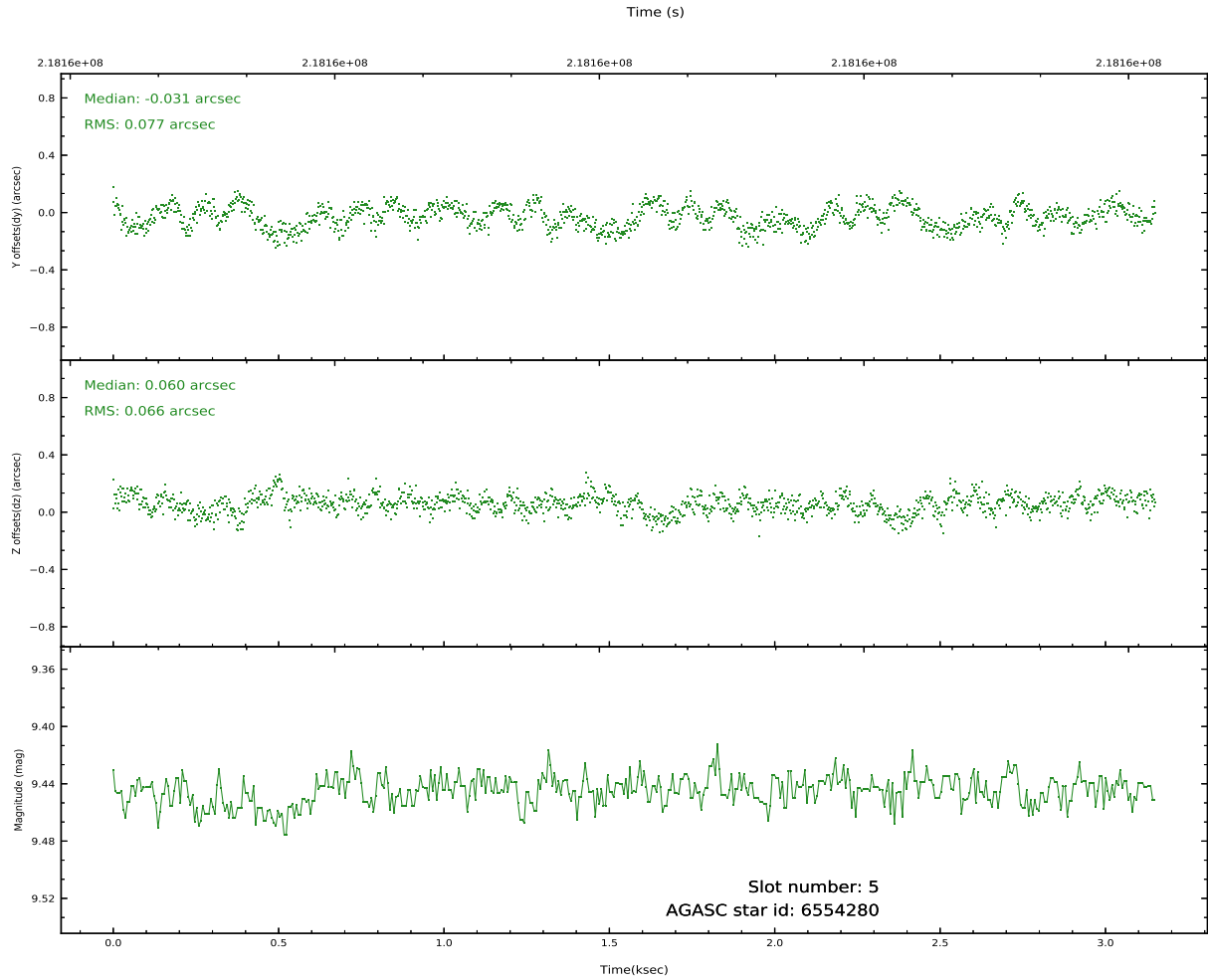
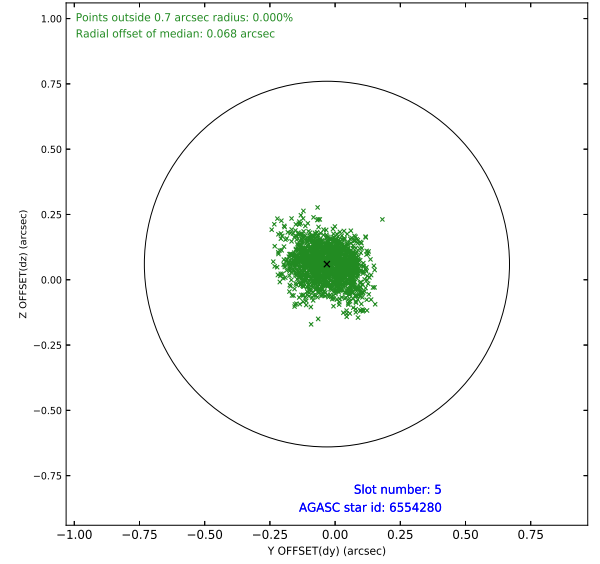
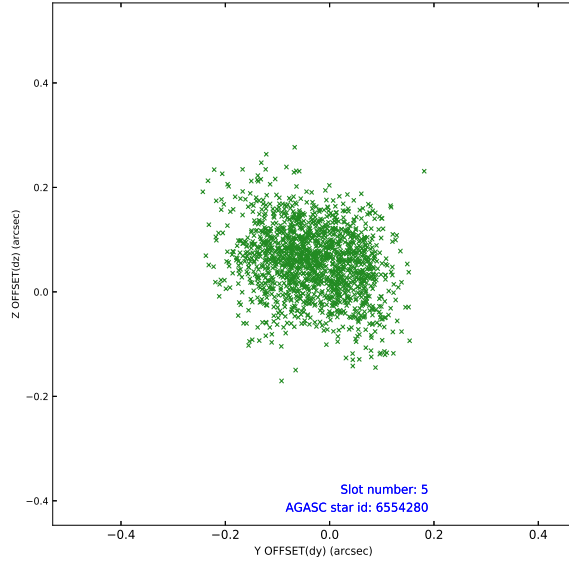
2.4.1 Slot 3



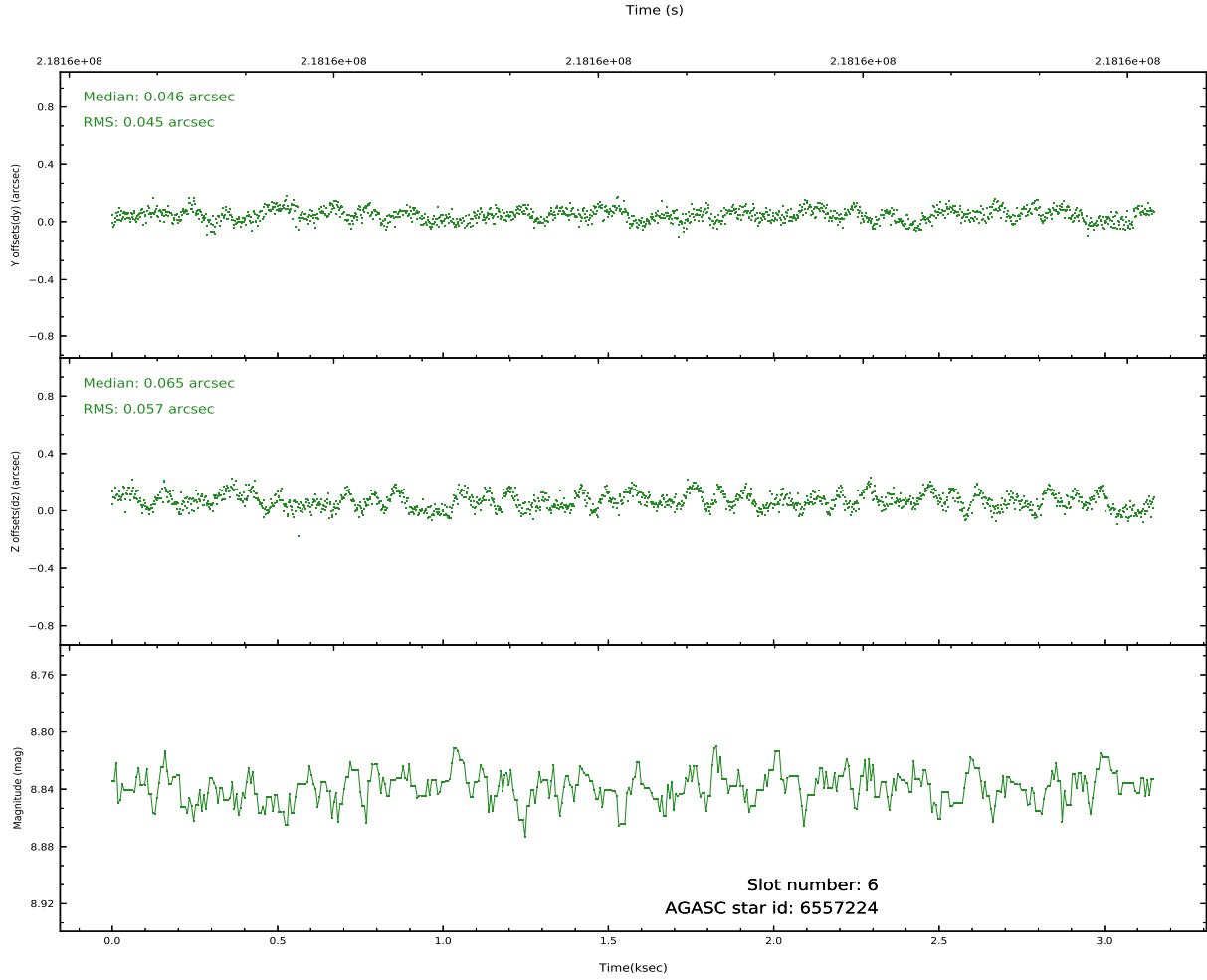
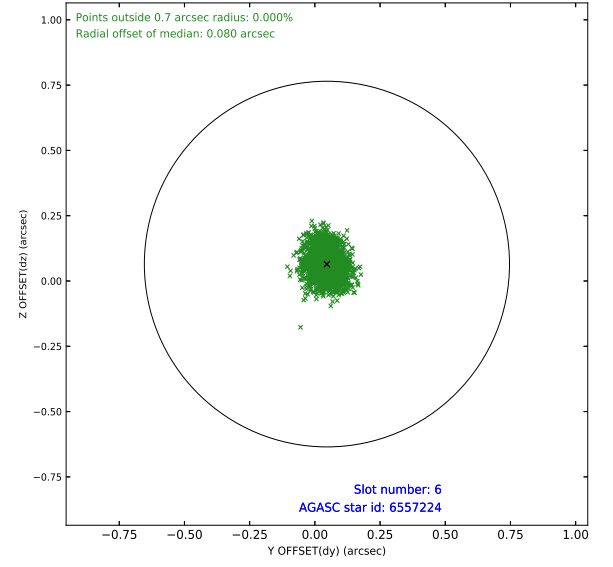
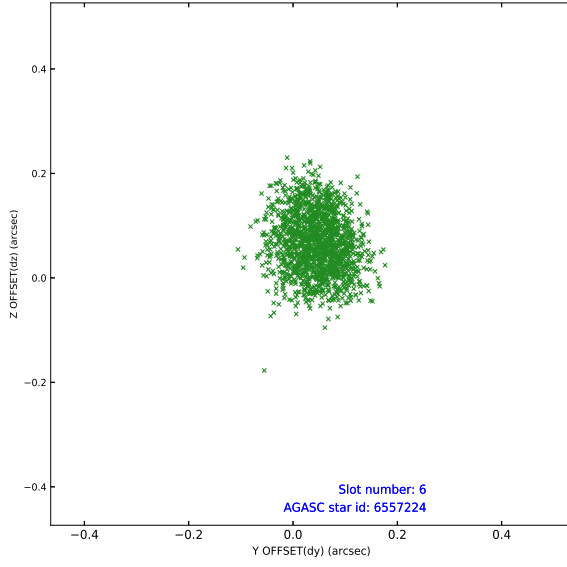
2.4.2 Slot 4



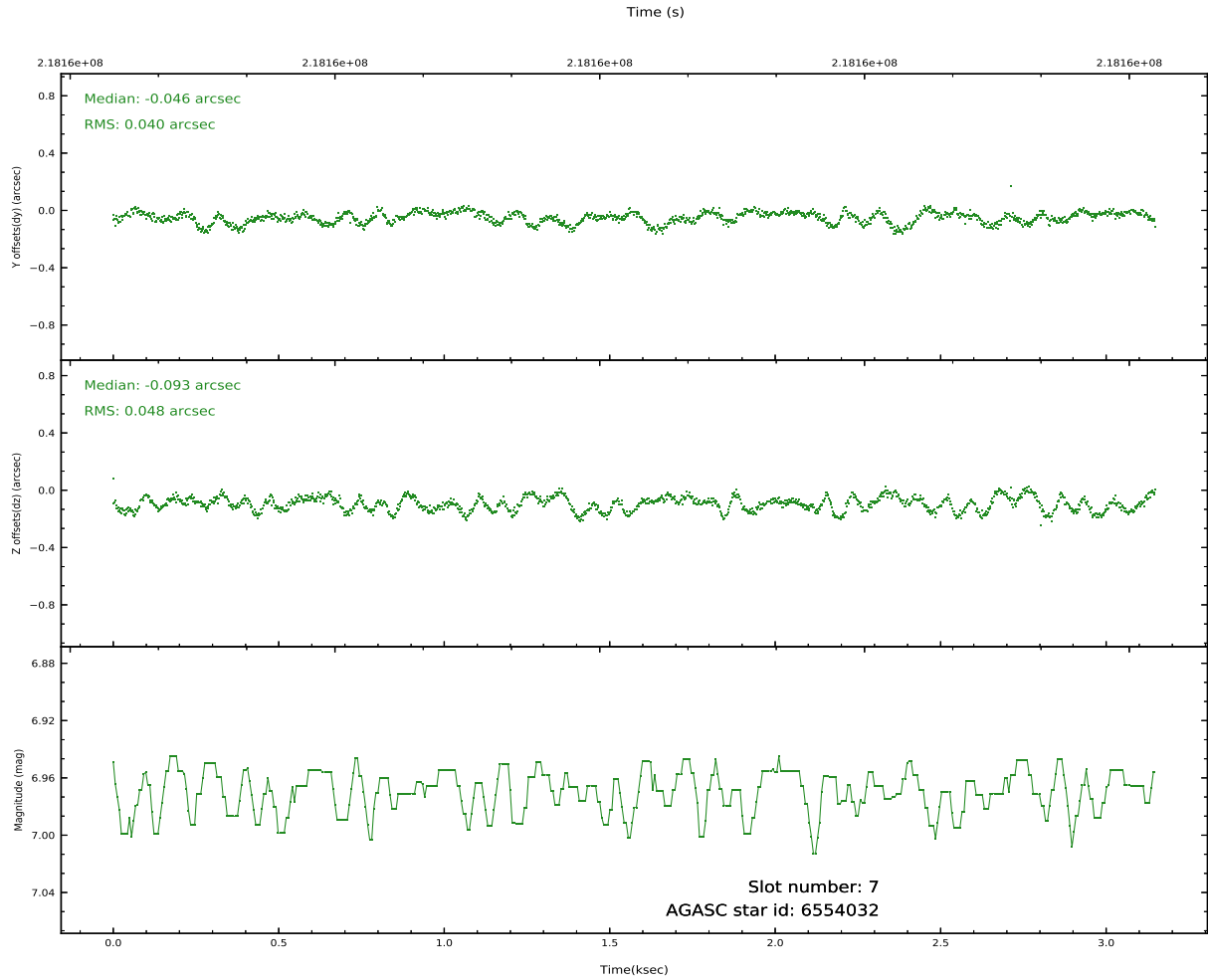
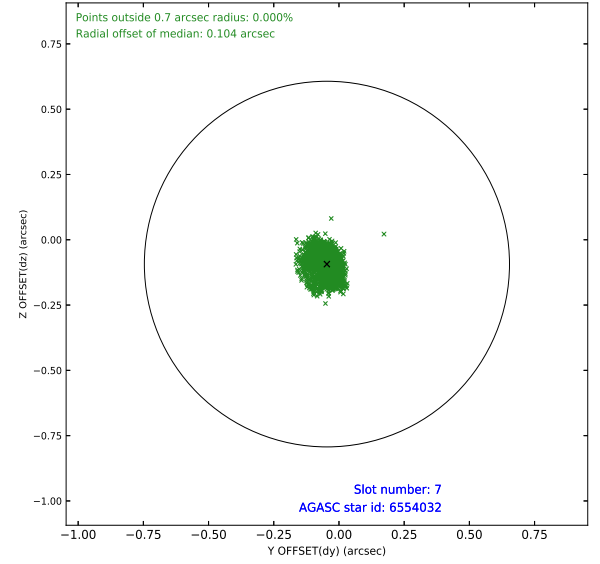
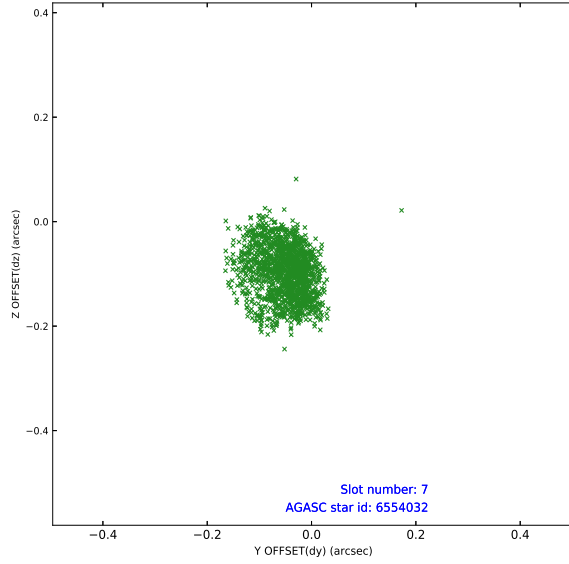
2.4.3 Slot 5



2.4.4 Slot 6

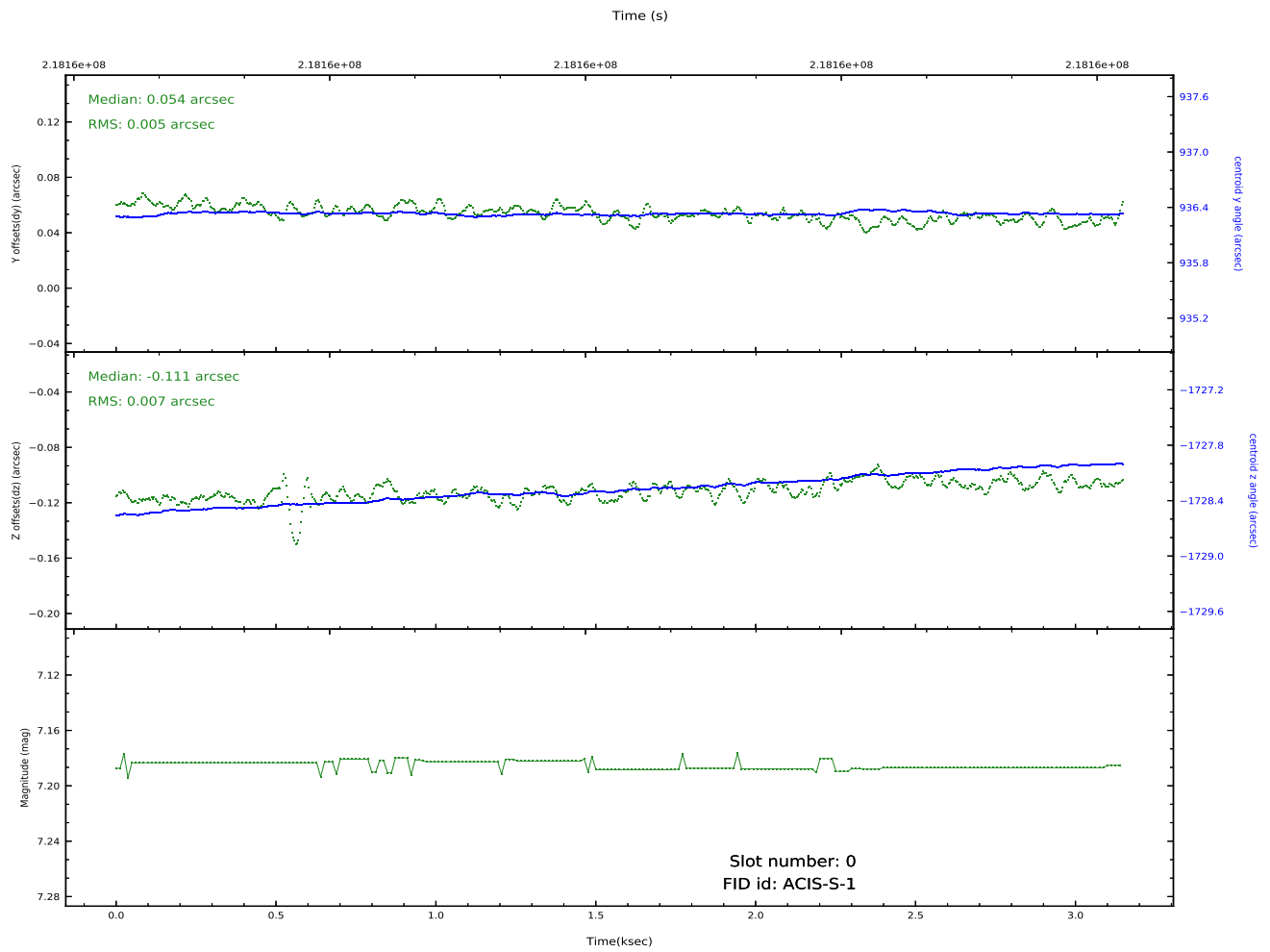
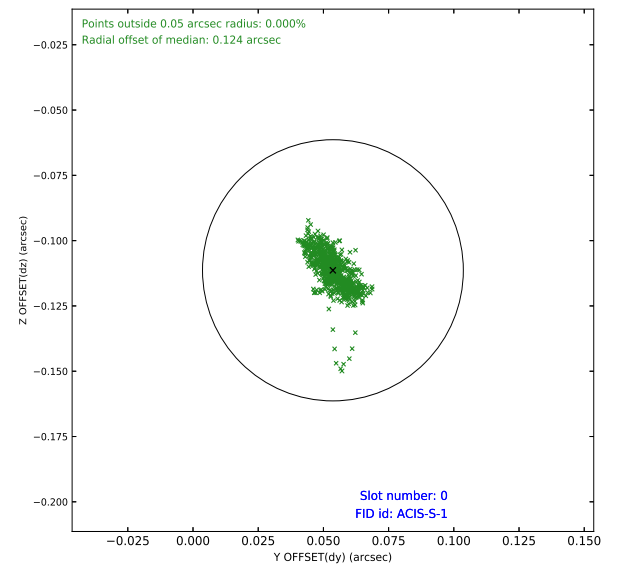
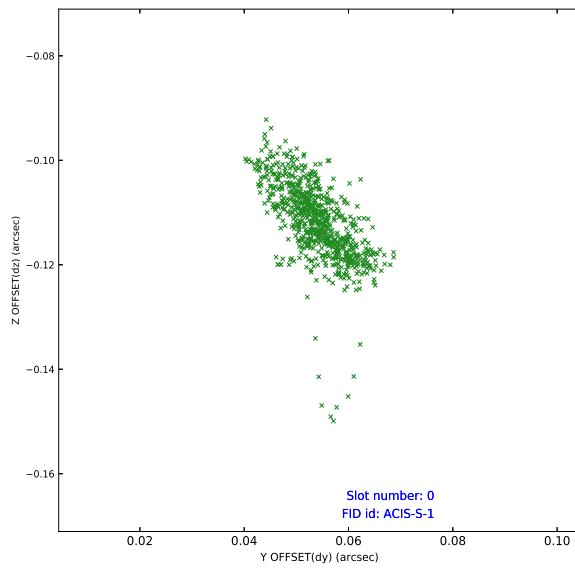


2.4.5 Slot 7

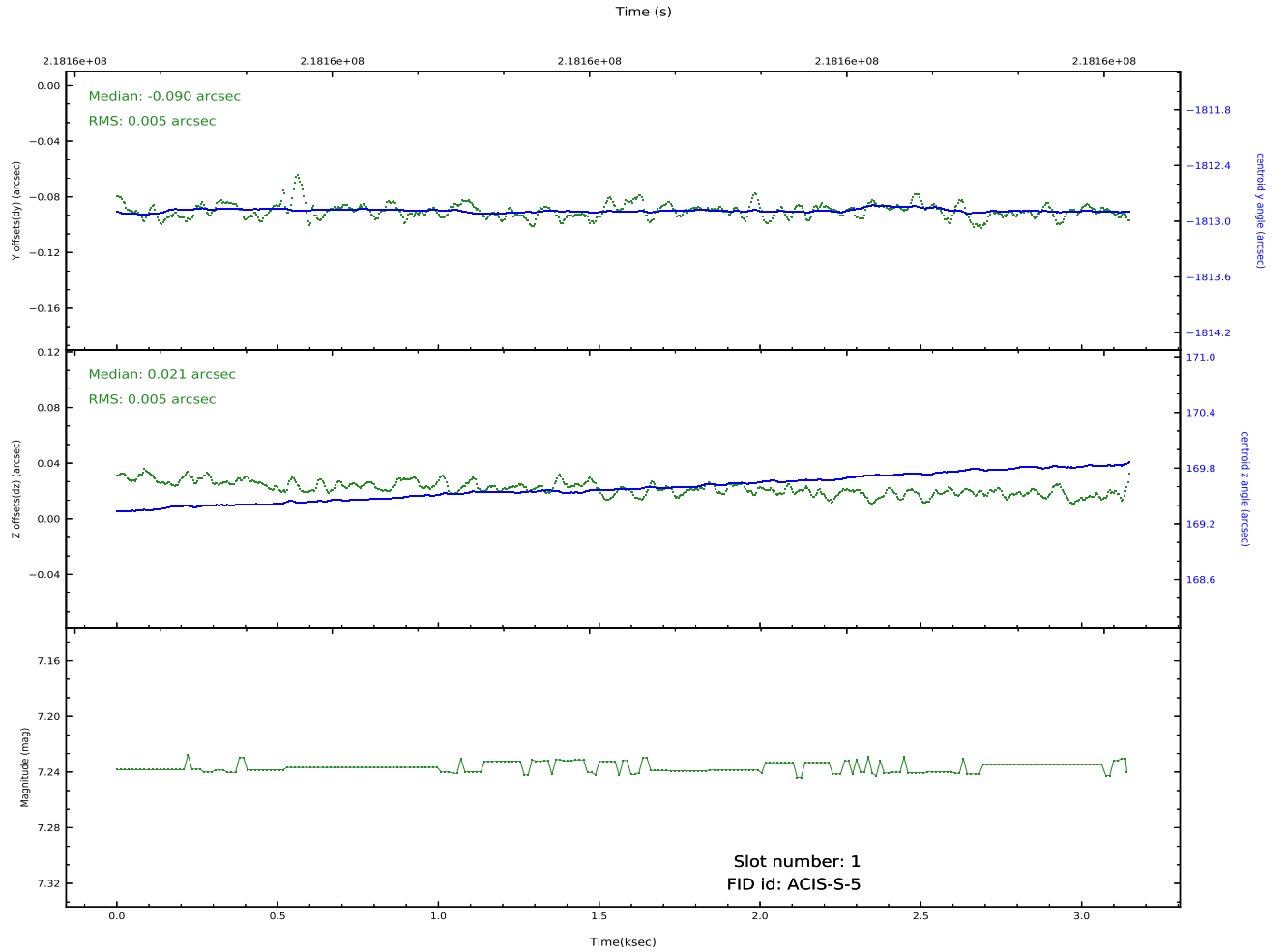
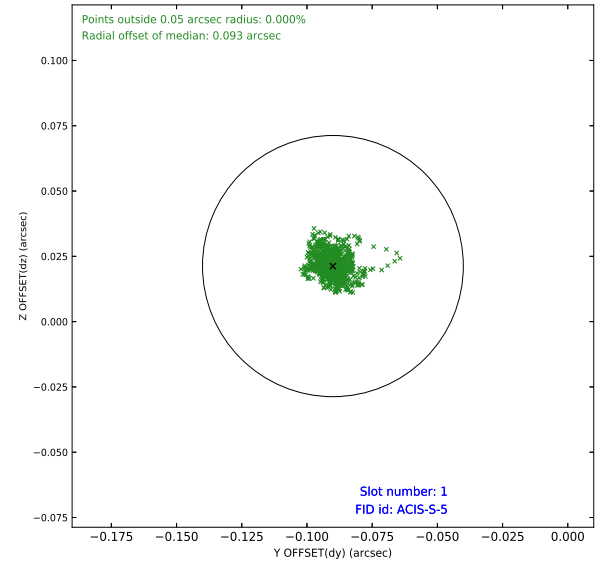
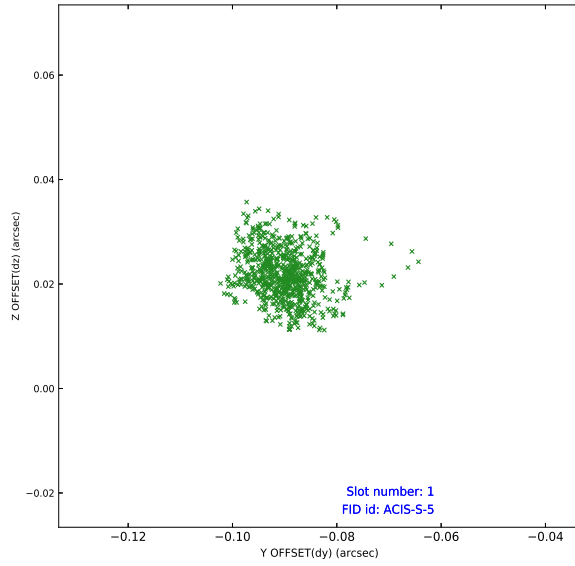


2.5 FID Slots

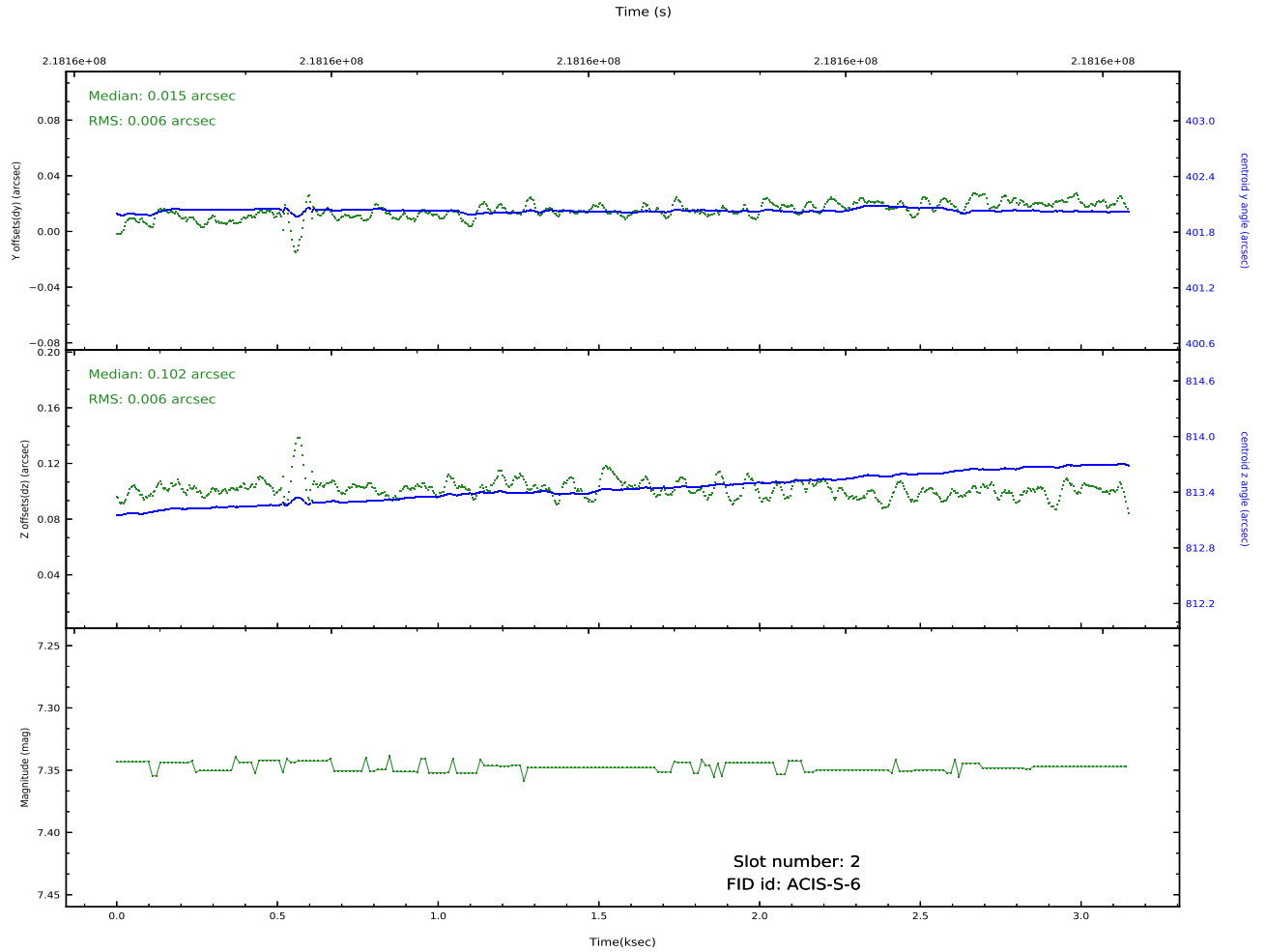
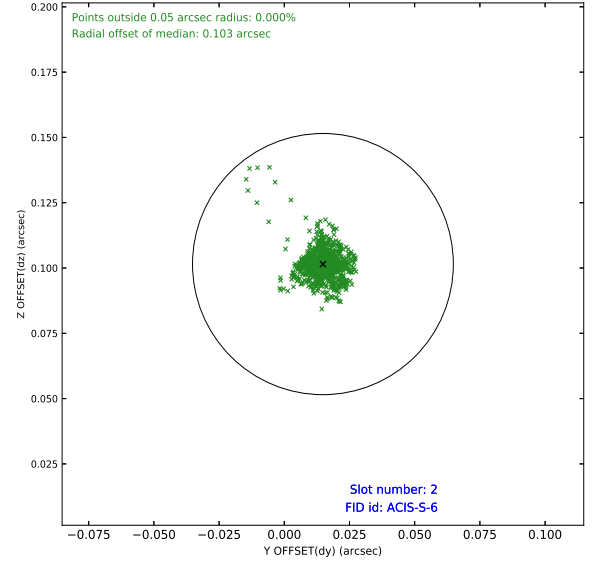
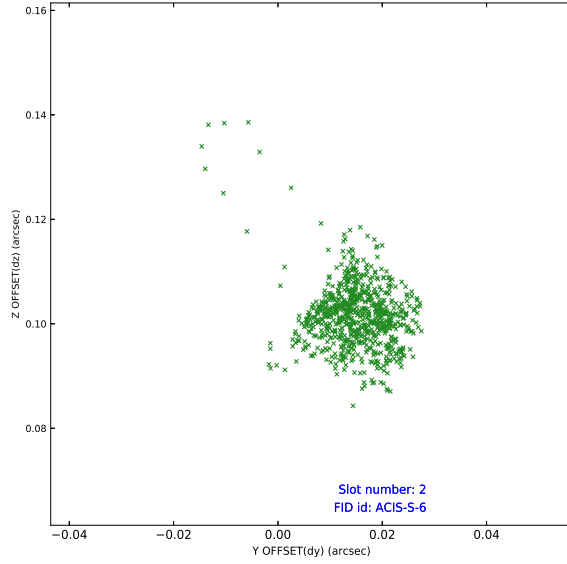
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2020.10.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.147

A.2 Comments

Joint Proposal: NRAO