

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 13145 - L2 Version 2
Chandra X-Ray Center

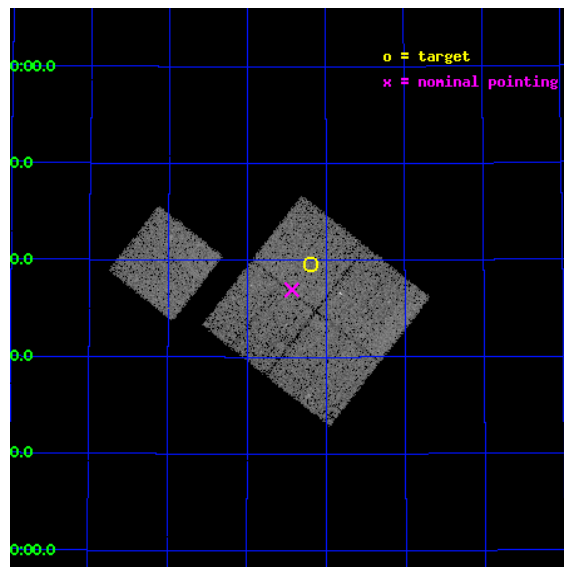
L2 Processing Date : Jul 5 2012

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1 Front

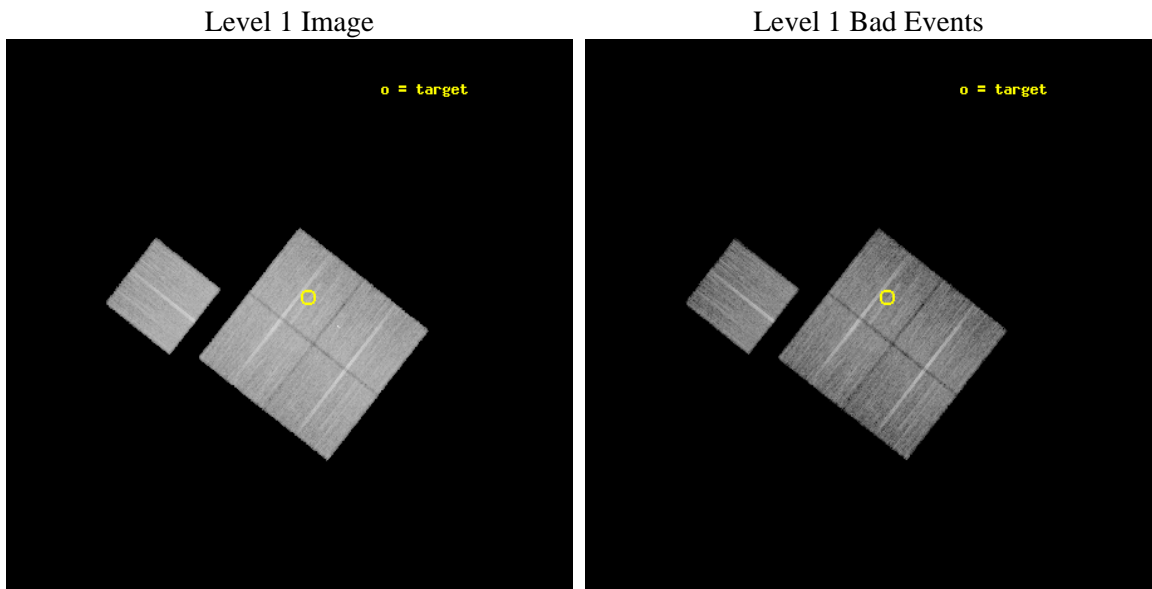
seq_num	801014	Sequence number
obs_id	13145	Observation id
title	The X-ray Properties of Weak-Lensing Selected Galaxy Clusters	Prop
observer	MR Paul Giles	Principal investigator
object	SLJ1634.1+5639	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	248.55	Observer's specified target RA [deg]
dec_targ	56.66	Observer's specified target Dec [deg]
ra_nom	248.608376526	Nominal RA [deg]
dec_nom	56.616078967887	Nominal Dec [deg]
roll_nom	308.1599805208	Nominal Roll [deg]
revision	2	Processing version of data
ontime	18011.000138521	Sum of GTIs [s]
livetime	17775.673162206	Livetime [s]
ontime0	18011.000138521	Sum of GTIs [s]
ontime1	18007.859108329	Sum of GTIs [s]
ontime2	18011.000138521	Sum of GTIs [s]
ontime3	18011.000138521	Sum of GTIs [s]
ontime6	18011.000138521	Sum of GTIs [s]
l2events	60735	Number of level 2 events



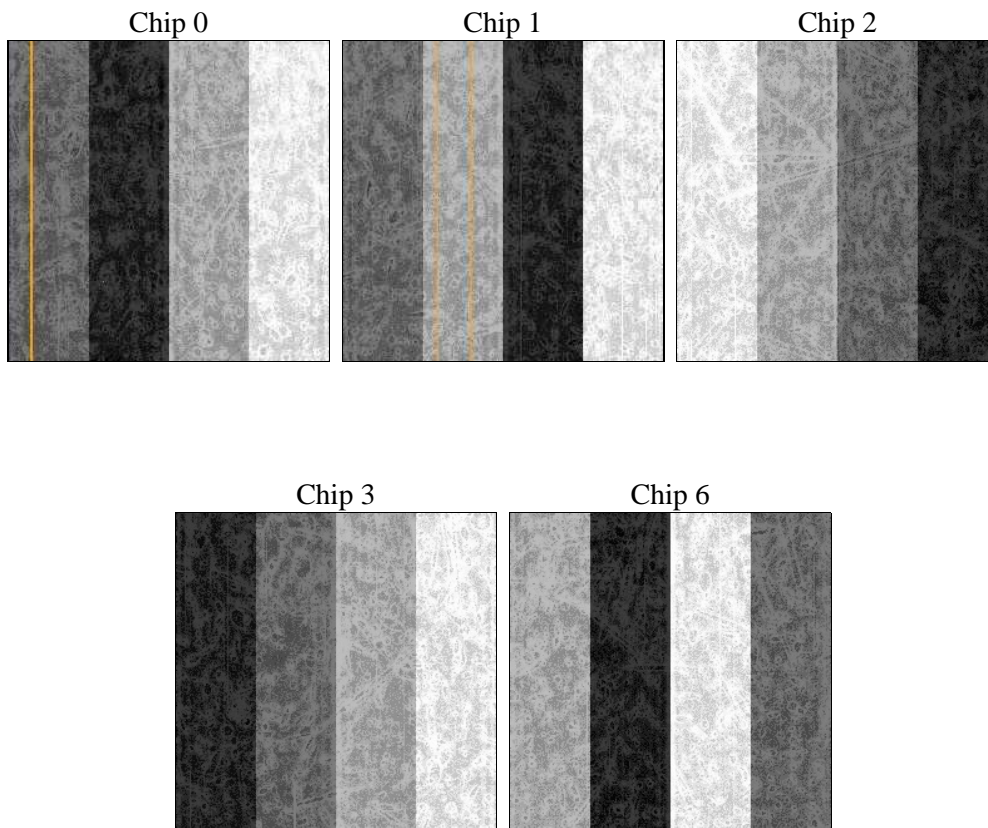
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	17961.704000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	18011.000138521	Sum of GTIs [s]
caldbver	4.5.0	 	ontime0	18011.000138521	Sum of GTIs [s]
date	2012-07-05T05:41:28	Date and time of file creation	ontime1	18007.859108329	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	18011.000138521	Sum of GTIs [s]
			ontime3	18011.000138521	Sum of GTIs [s]
			ontime6	18011.000138521	Sum of GTIs [s]
			l1events	648601	Number of level 1 events

2.1.4 Events

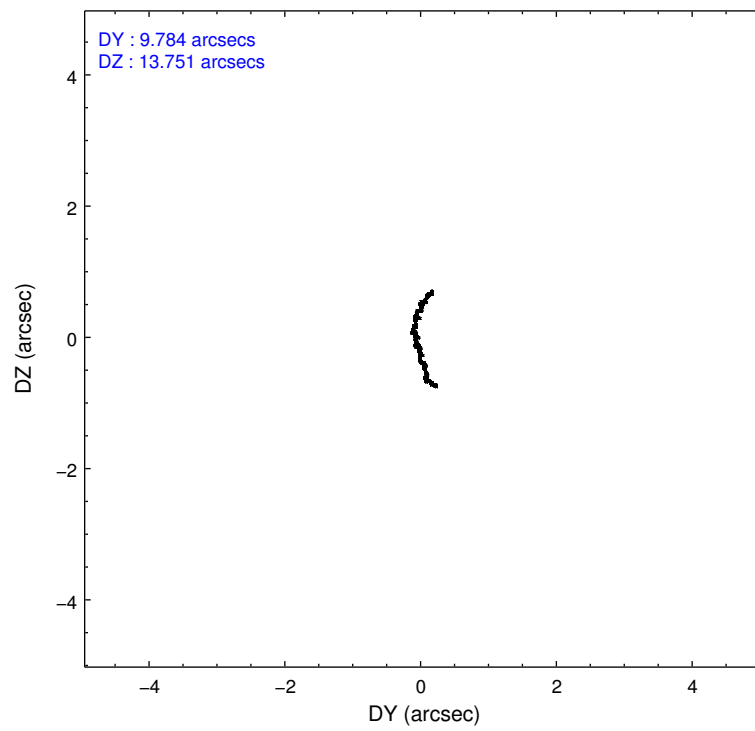
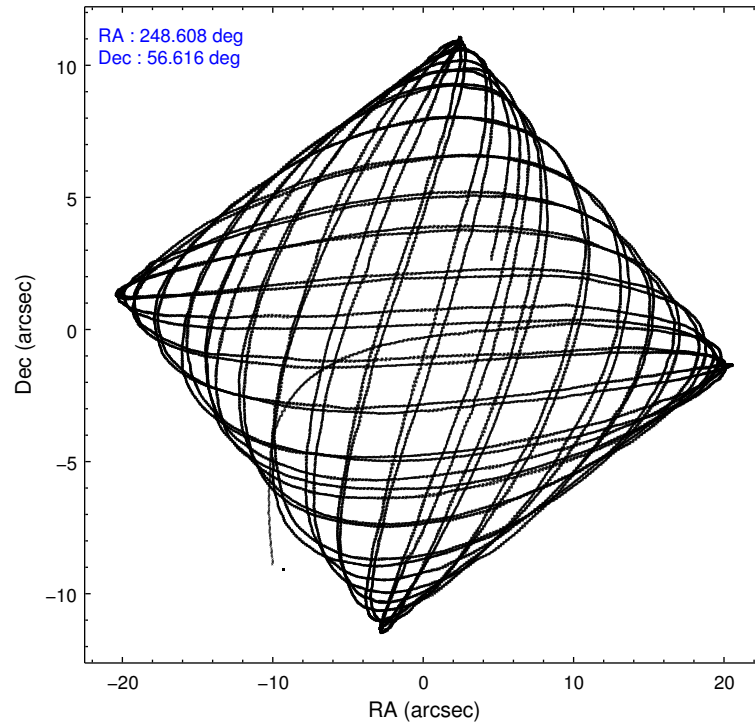
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	118779	128175	138172	129793	133682
rejected events	104660	111532	124628	116351	119236
rejected %	88%	87%	90%	89%	89%

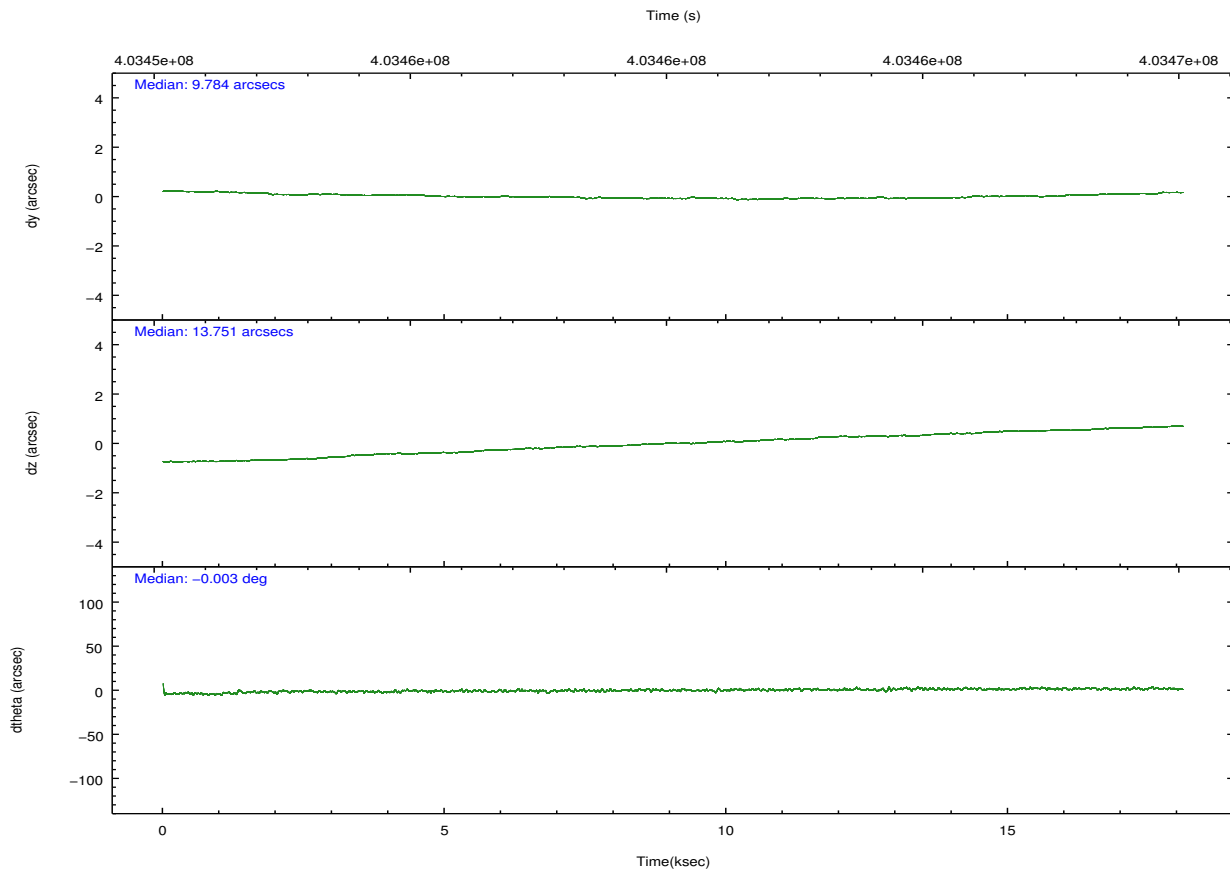
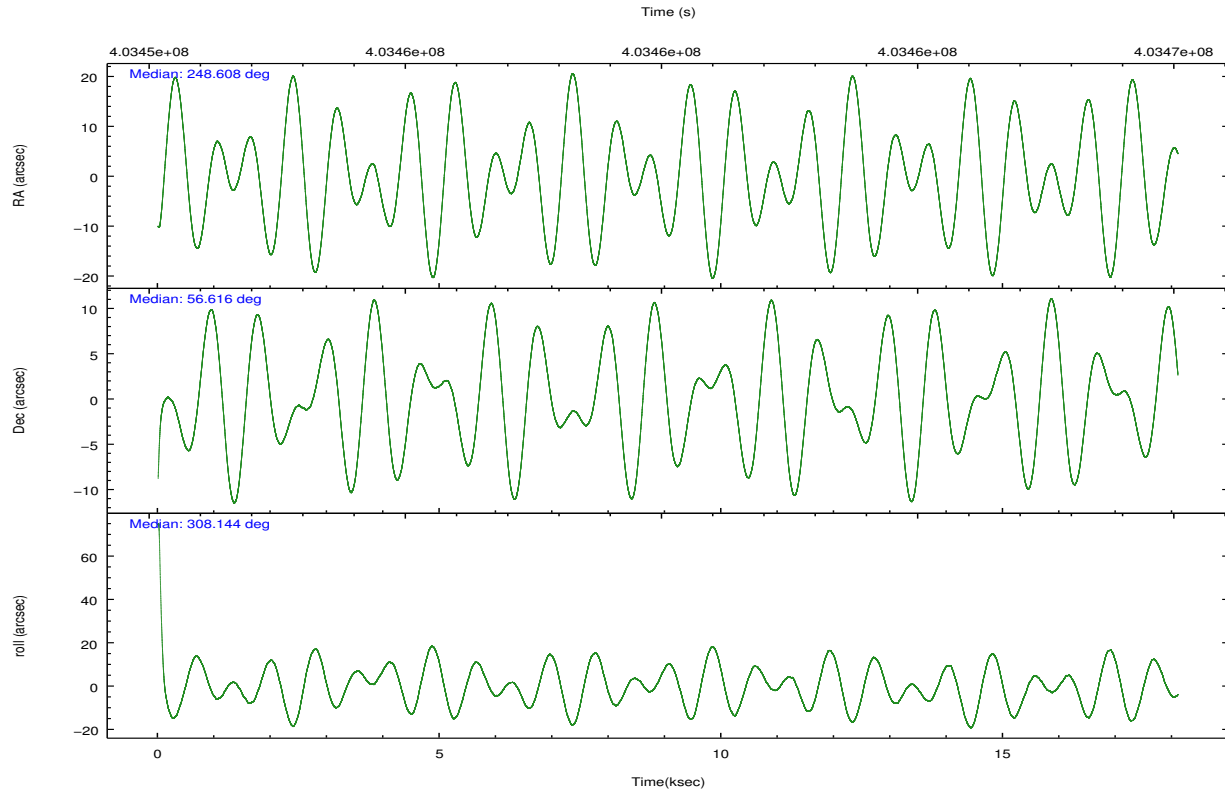
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	4856	6115	4846	4754	4995
	4%	4%	3%	3%	3%
grade 1 events	72	71	72	81	56
	0%	0%	0%	0%	0%
grade 2 events	3392	3885	3231	2916	3245
	2%	3%	2%	2%	2%
grade 3 events	1571	1679	1388	1501	1448
	1%	1%	1%	1%	1%
grade 4 events	1476	1662	1400	1438	1472
	1%	1%	1%	1%	1%
grade 5 events	5364	5736	5018	6130	5762
	4%	4%	3%	4%	4%
grade 6 events	2826	3308	2686	2836	3288
	2%	2%	1%	2%	2%
grade 7 events	99222	105719	119531	110137	113416
	83%	82%	86%	84%	84%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-01236	ACIS-01236	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	248.561867	248.6083765259974	Subarray requested	NONE	NONE
[deg] Pointing Dec	56.626185	56.61607896788654	Alternating exposures requested	N	N
[deg] Pointing Roll	307.990080	308.1599805207974	[s] Primary exposure time	0.000000	3.1
[mm] SIM focus pos	-0.782348	-0.7809083437167272			
[mm] SIM defocus	0	0.001439871863259334			
[mm] SIM translation stage pos	-225.792463	-225.7829997647864			
[mm] SIM translation stage offset	-7.8	-7.809453238143249			
[s] Observation start time (MET)	403451225.184000	403450108.77333			
Observation start date	2010-10-14T13:45:59	2010-10-14T13:28:28			
[s] Observation end time (MET)	403469187.184000	403469422.33682			
Observation end date	2010-10-14T18:45:21	2010-10-14T18:50:22			
Read mode	TIMED	TIMED			

2.3 Aspect





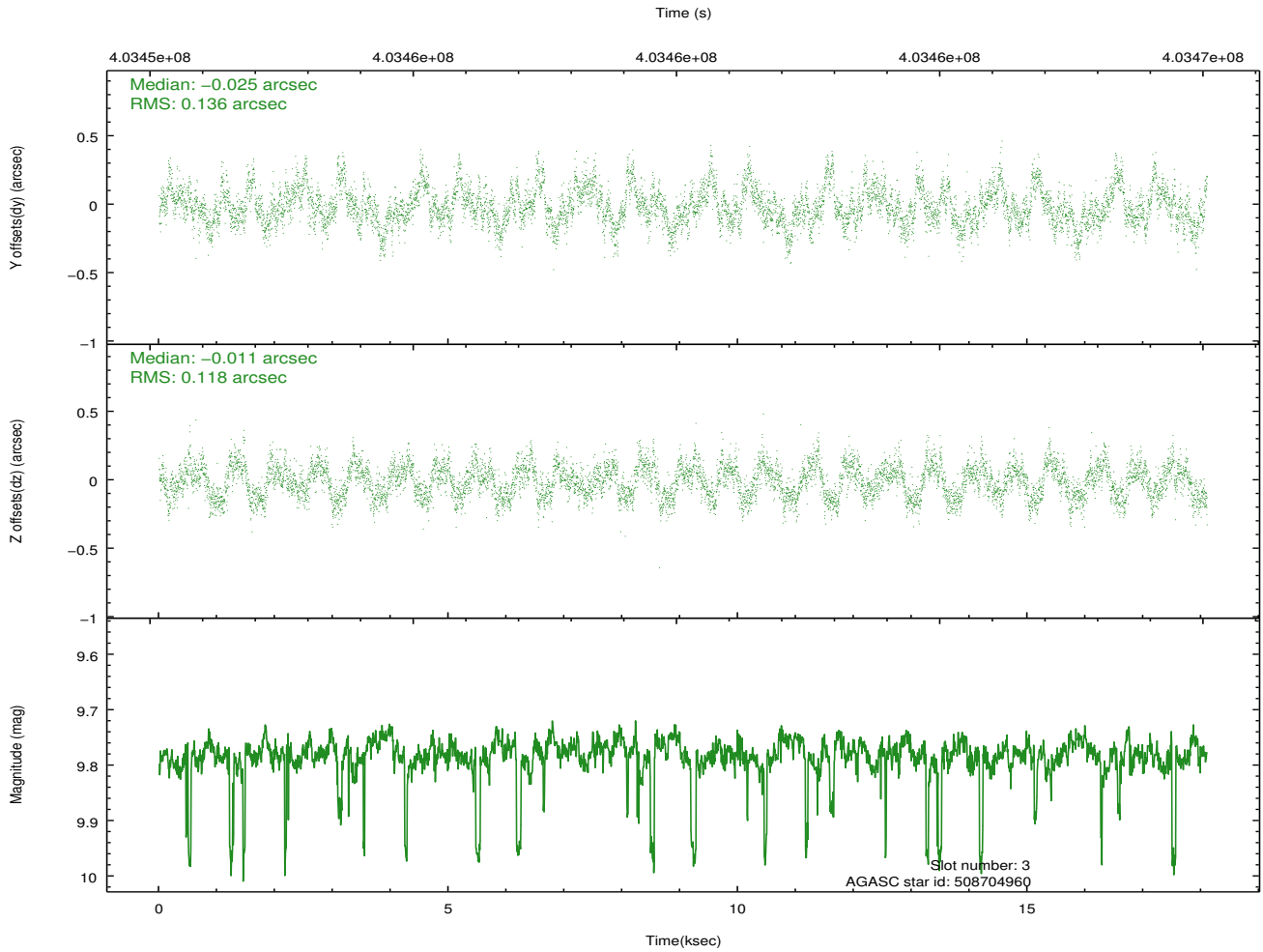
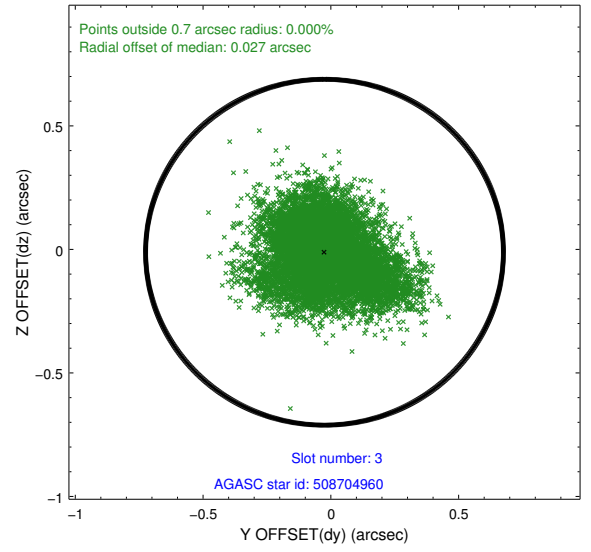
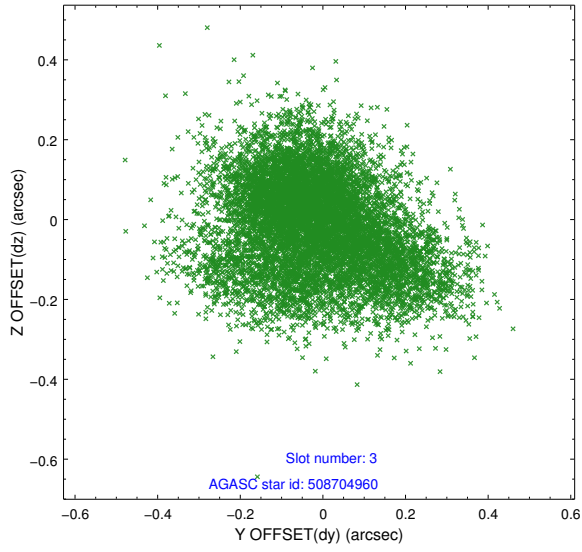
Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.12	4415	0.119	-0.062	0.017	0.029	0.000000	0.000000	929.80	-997.66
1	FID	ACIS-I-2	7.08	4415	-0.226	0.028	0.012	0.023	0.000000	0.000000	-764.92	-1003.15
2	FID	ACIS-I-4	7.03	4413	0.008	0.103	0.010	0.023	0.000000	0.000000	2148.99	903.16
3	GUIDE	508704960	9.78	8743	-0.025	-0.011	0.190	0.313	248.581863	55.874363	2158.62	-1633.81
4	GUIDE	508706672	8.56	8822	0.007	-0.022	0.112	0.172	248.347702	55.810023	2049.52	-2149.49
5	GUIDE	508708016	8.56	8828	0.005	-0.030	0.071	0.114	248.792116	56.018743	2008.71	-980.37
6	GUIDE	508827240	8.87	8826	-0.061	-0.137	0.100	0.167	249.041117	57.322909	-1402.63	2280.13
7	GUIDE	508698304	9.43	8819	0.066	0.204	0.129	0.209	247.263410	56.617642	-1577.67	-2031.00

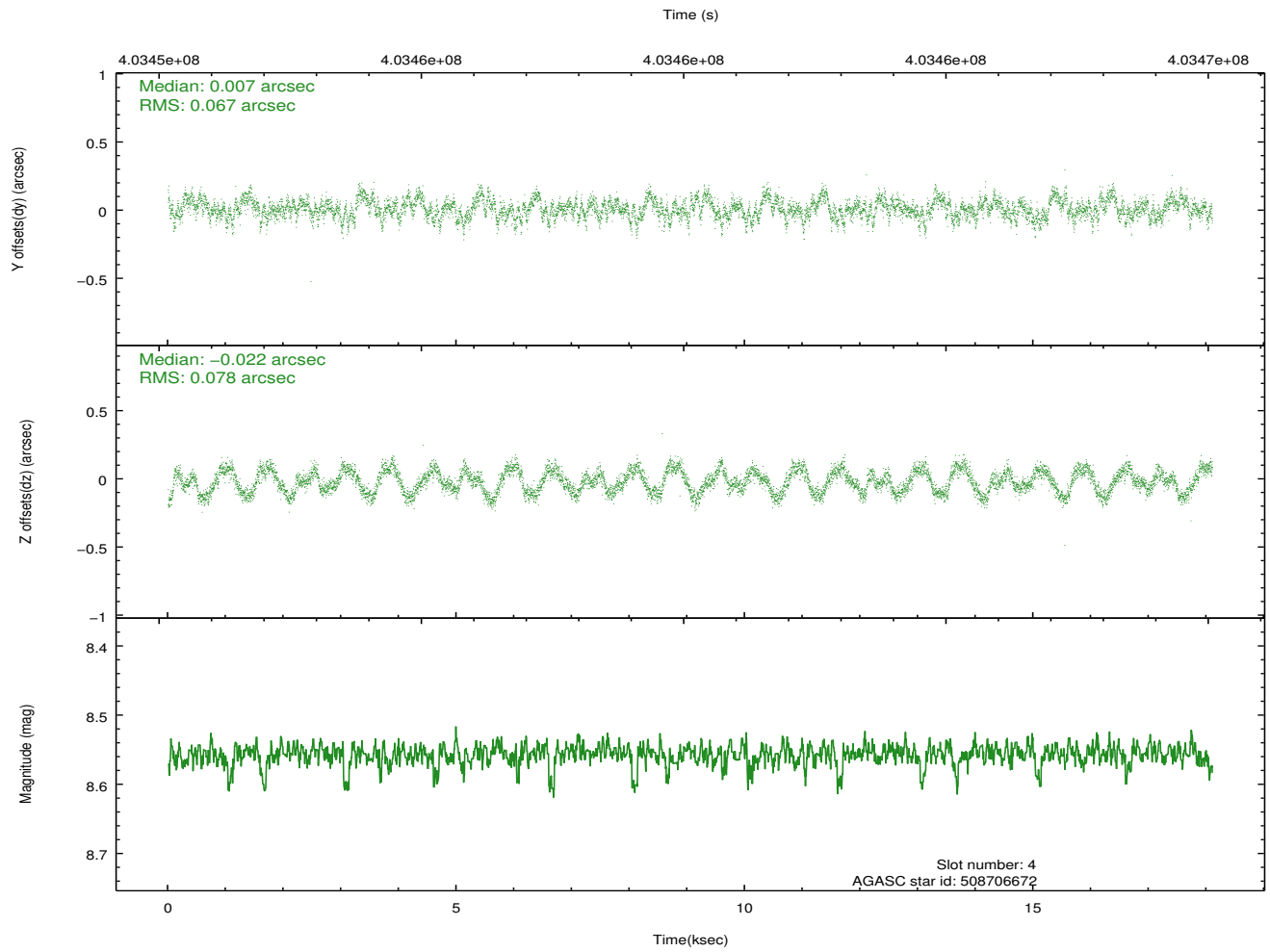
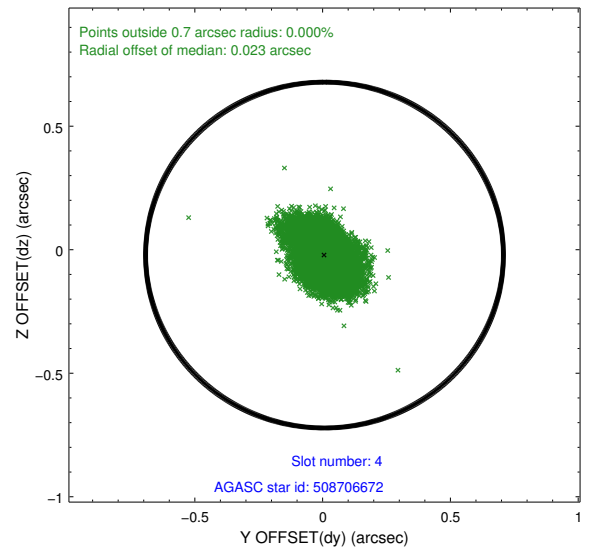
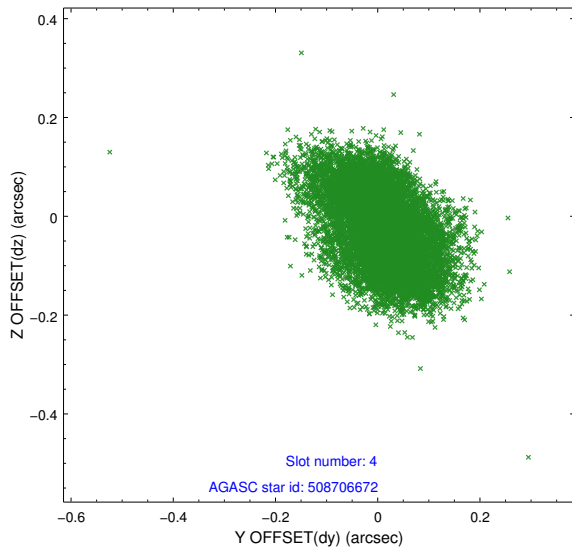
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2.4 Star Slots

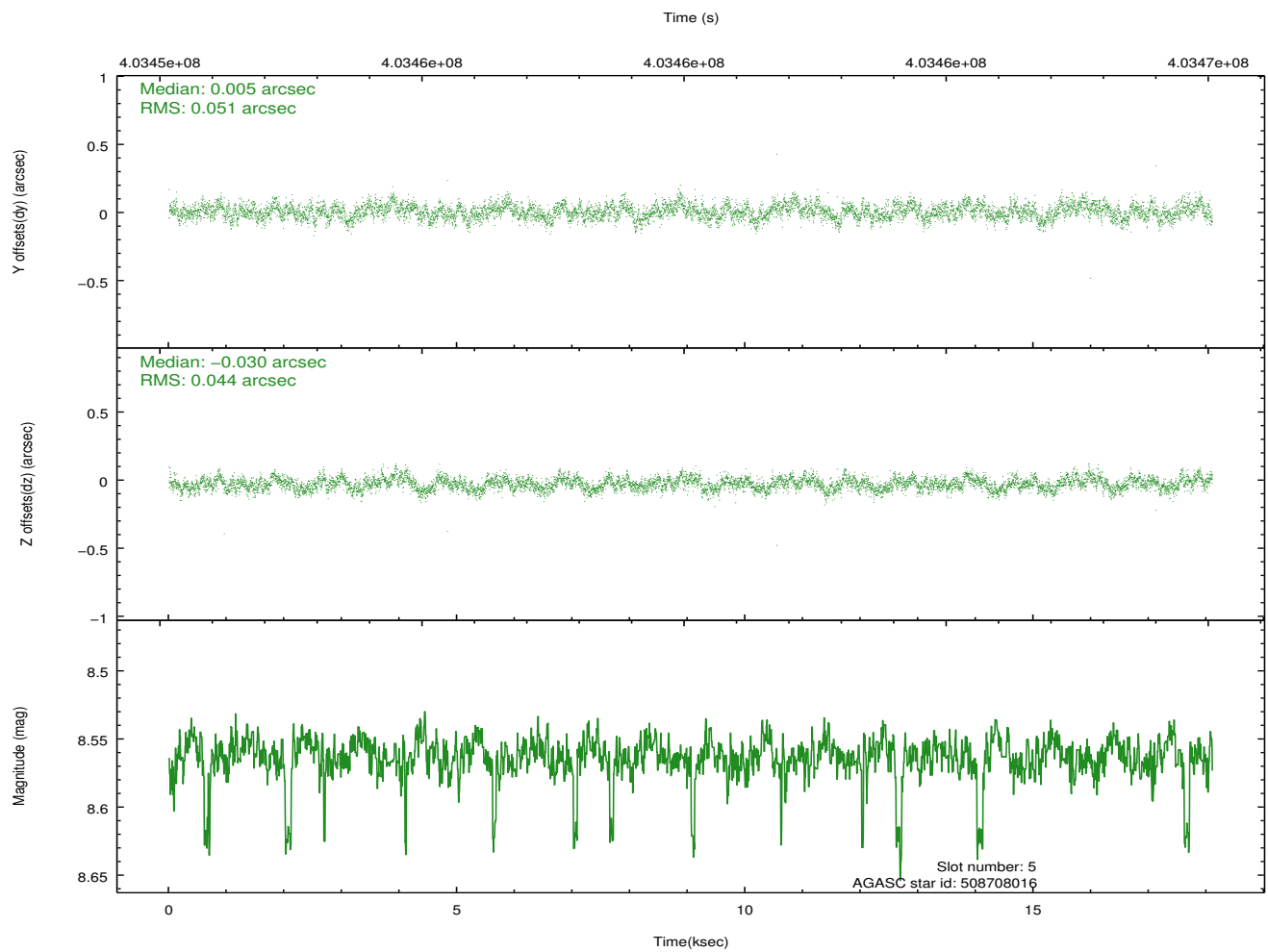
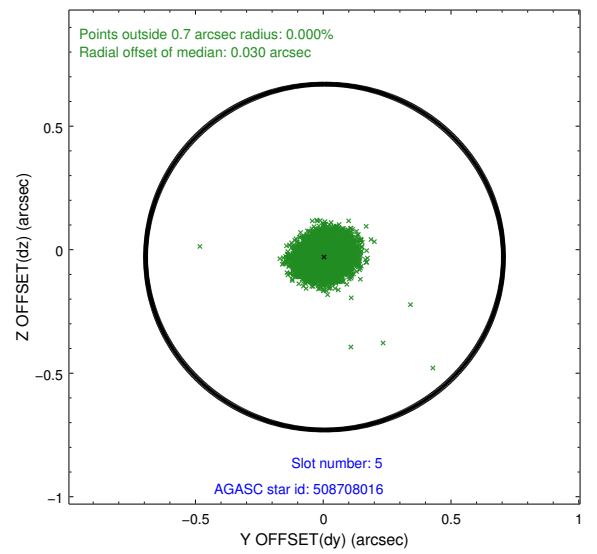
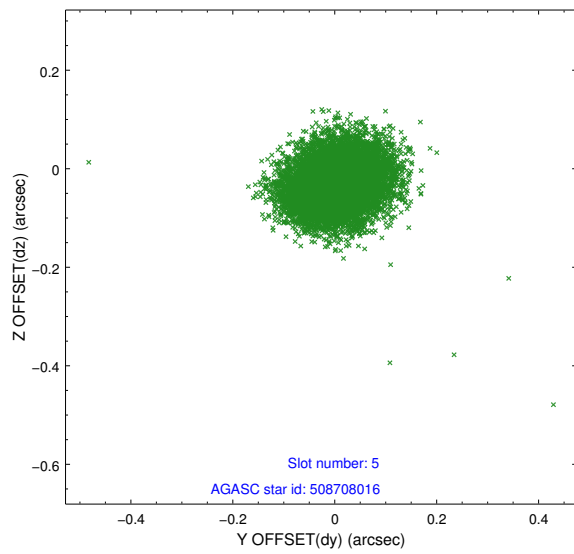
2.4.1 Slot 3



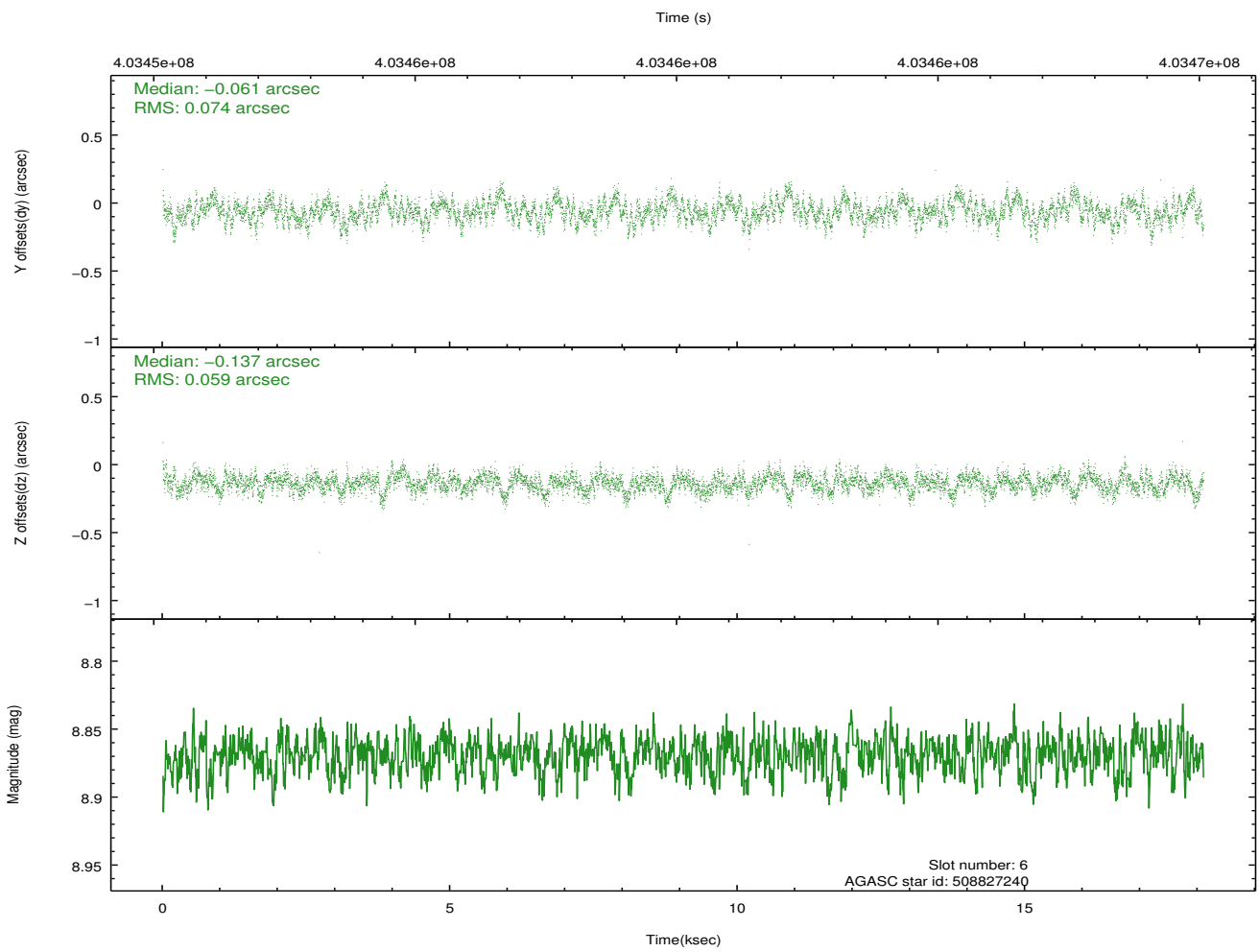
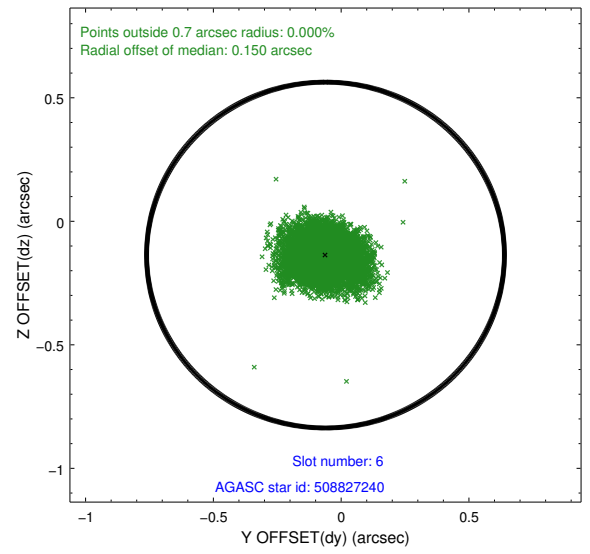
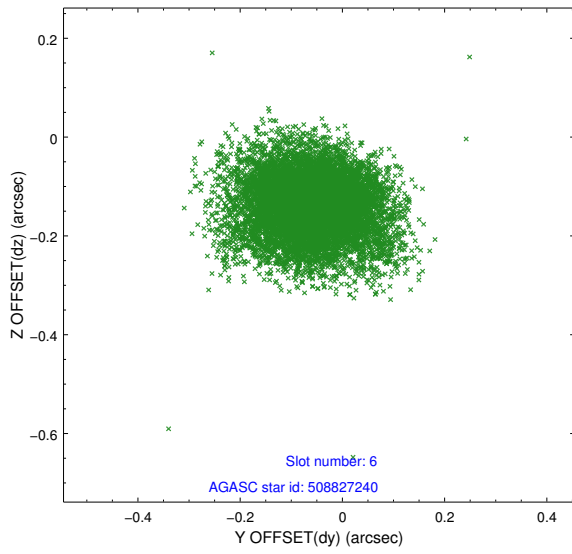
2.4.2 Slot 4



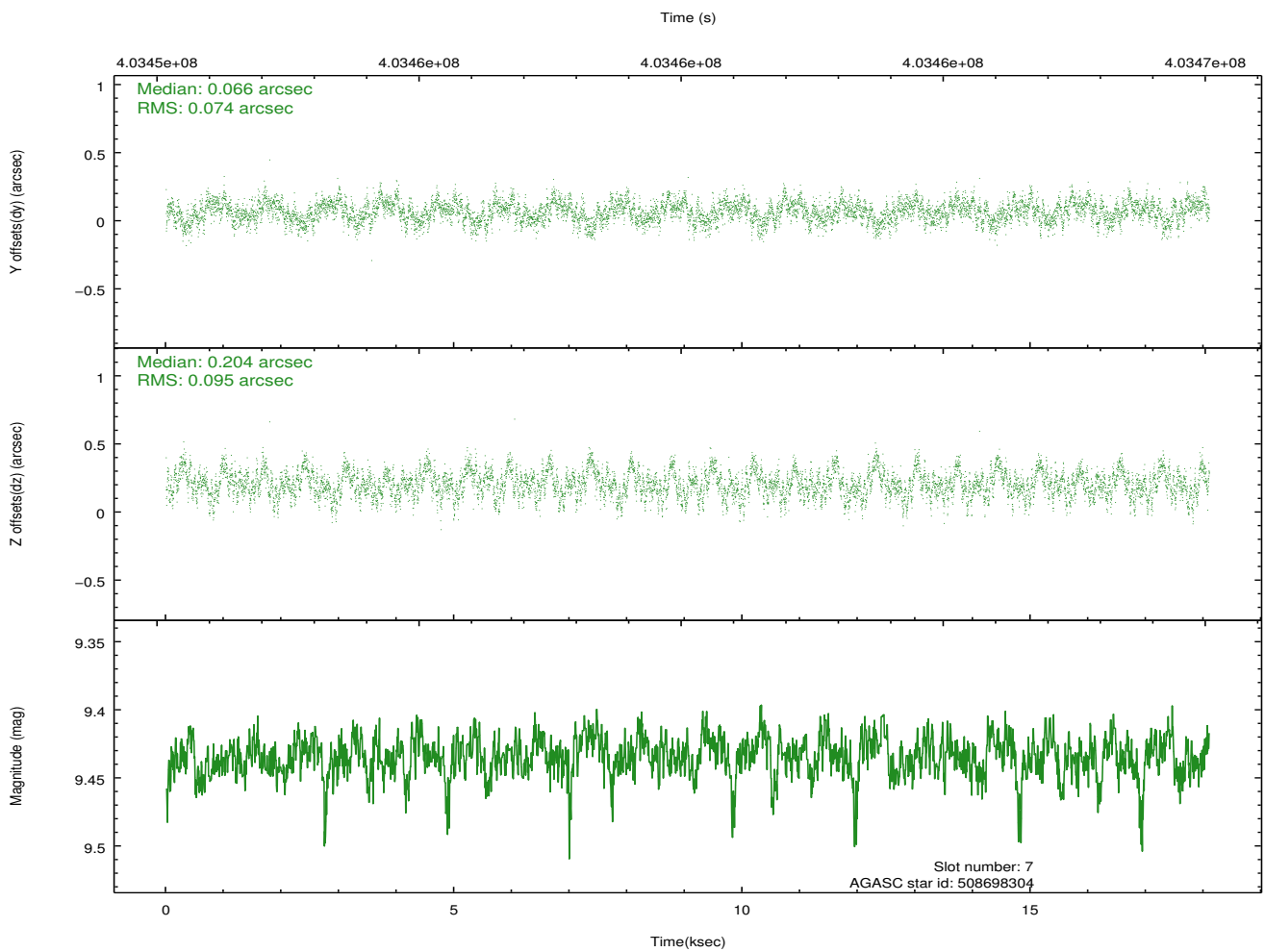
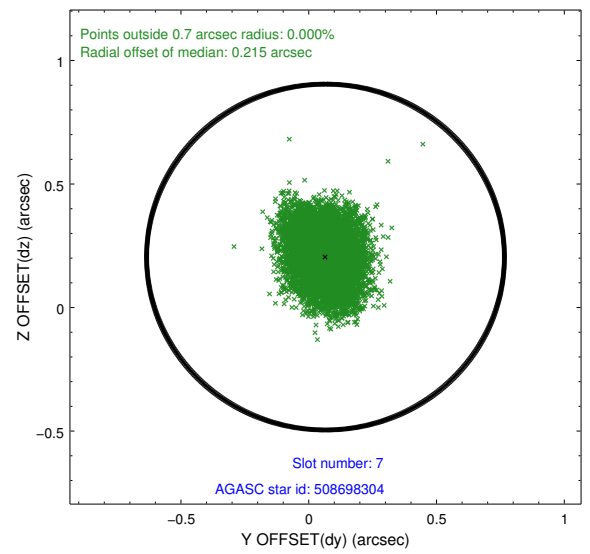
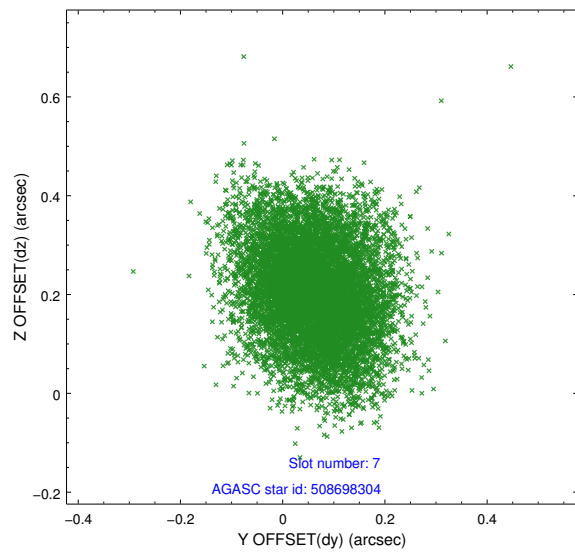
2.4.3 Slot 5



2.4.4 Slot 6

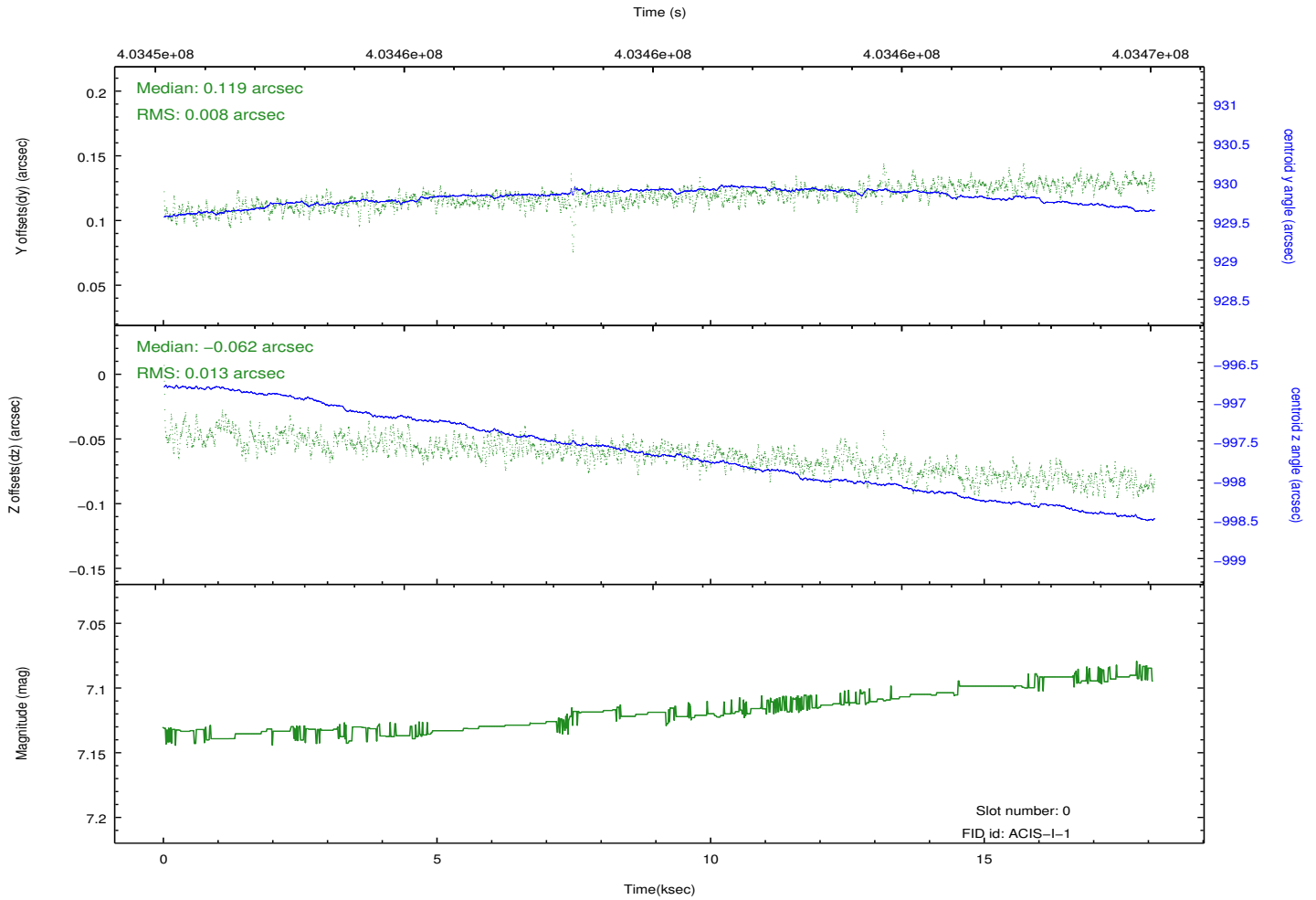
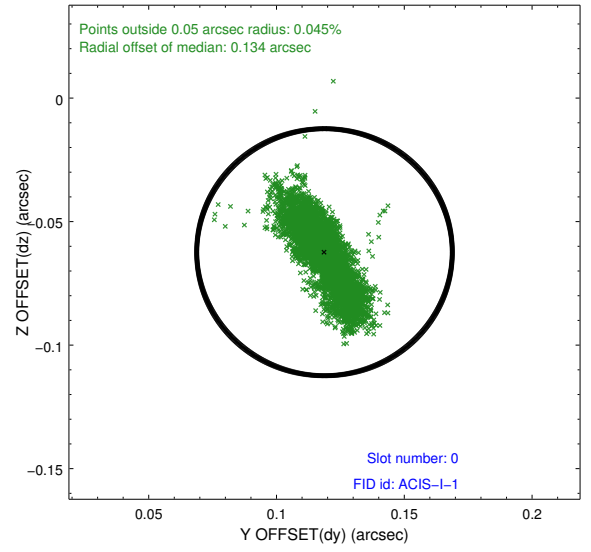
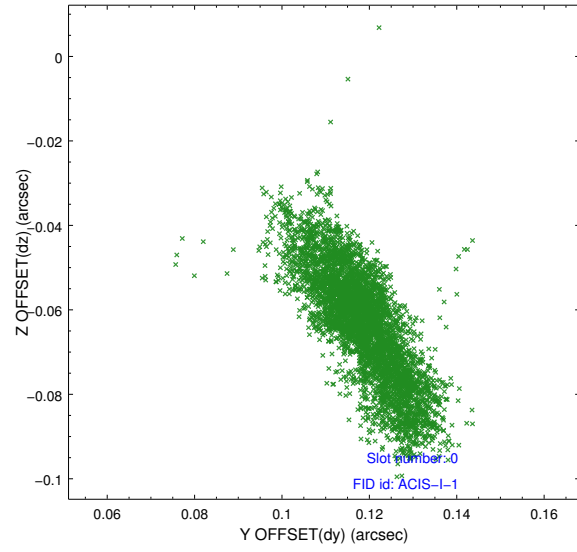


2.4.5 Slot 7

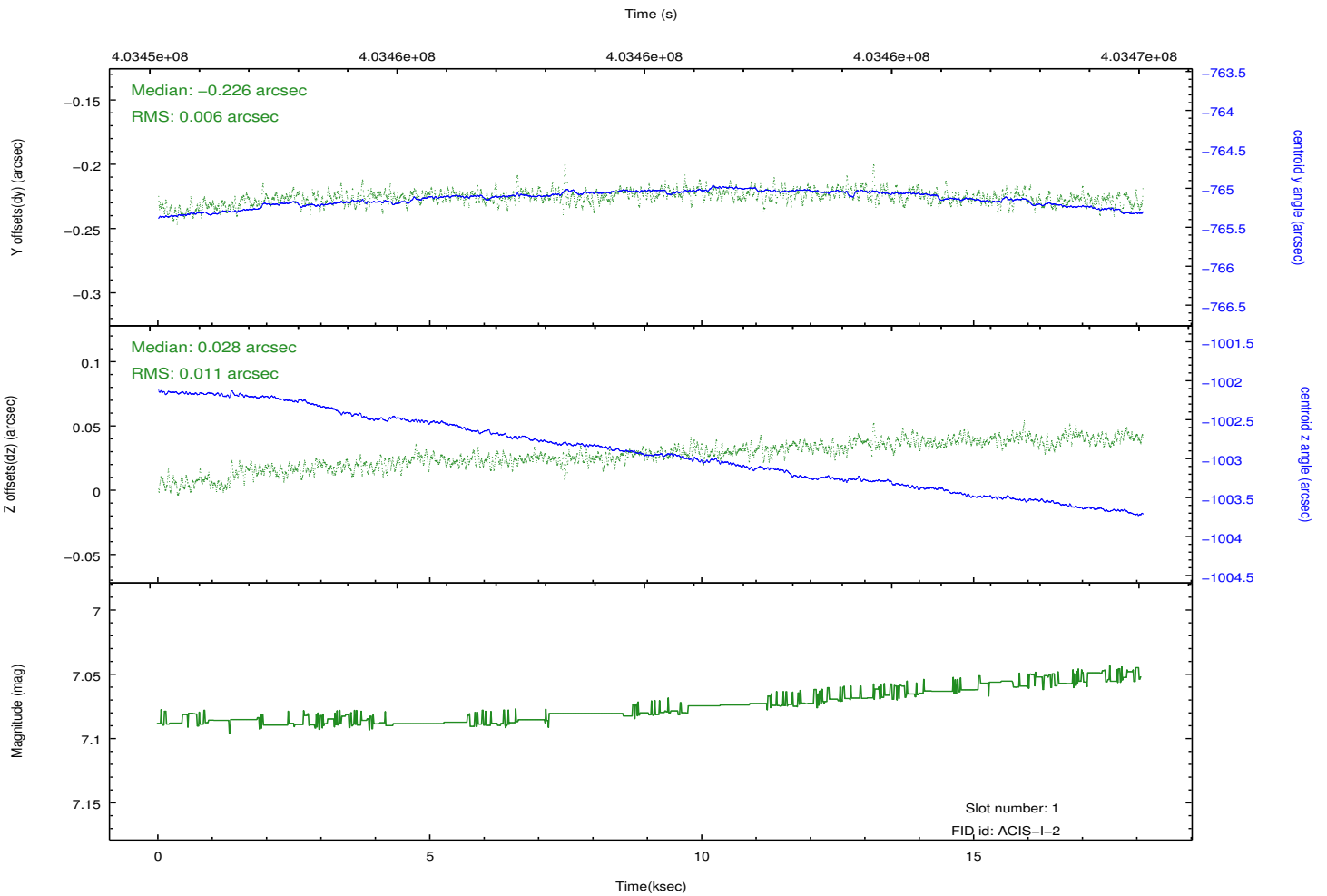
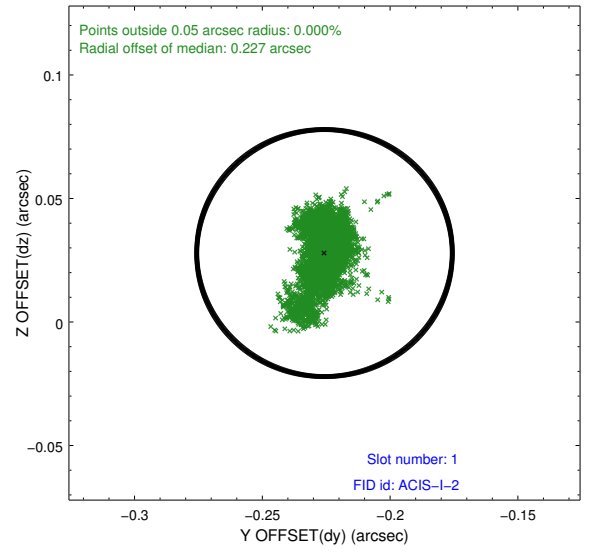
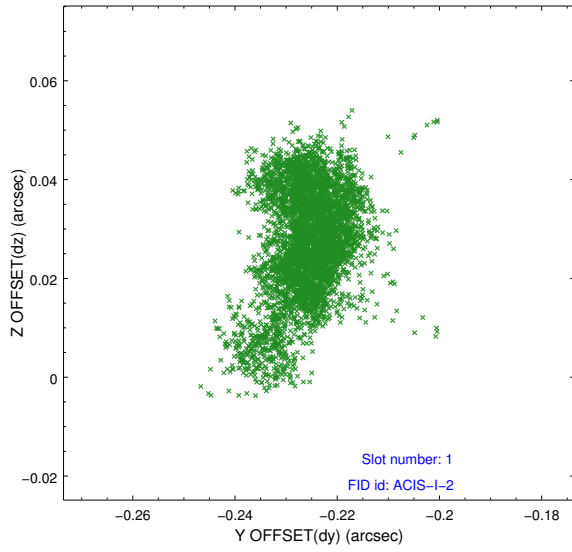


2.5 FID Slots

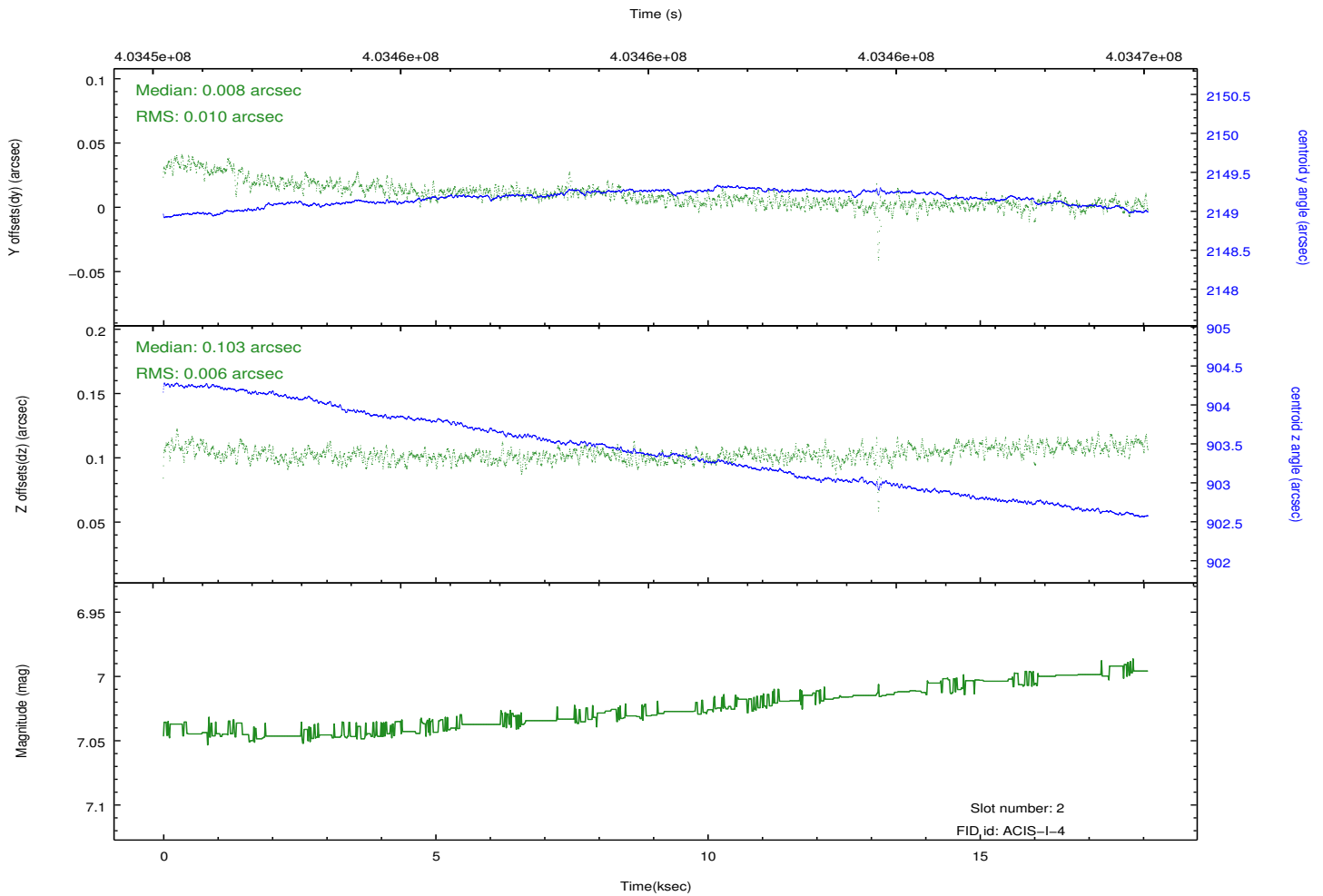
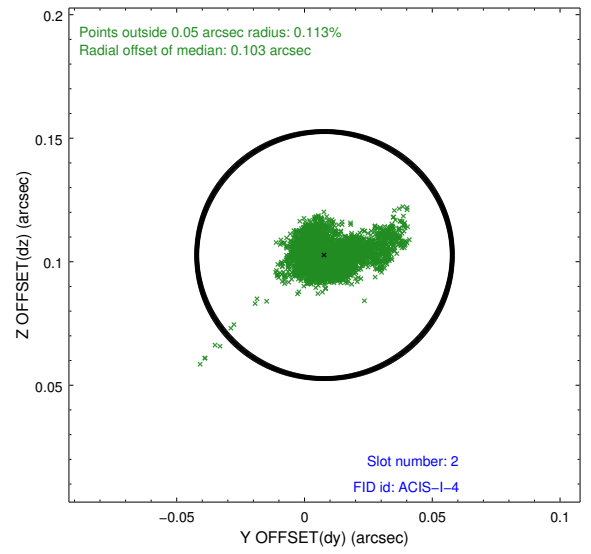
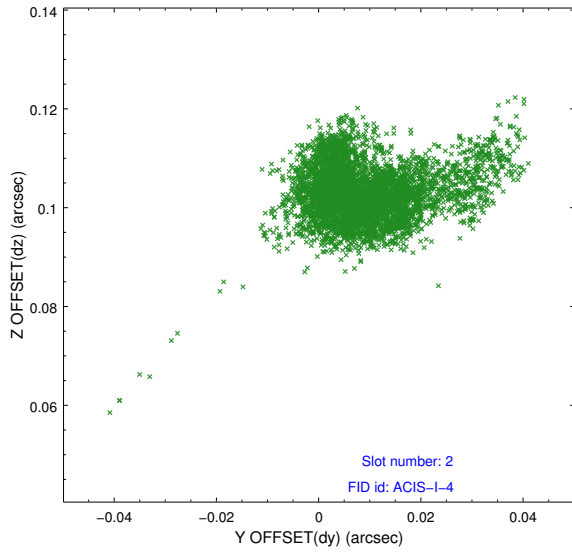
2.5.1 Slot 0



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)	2012.07.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	18.011000138521

A.2 Comments