

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 6847 - L2 Version 2
Chandra X-Ray Center

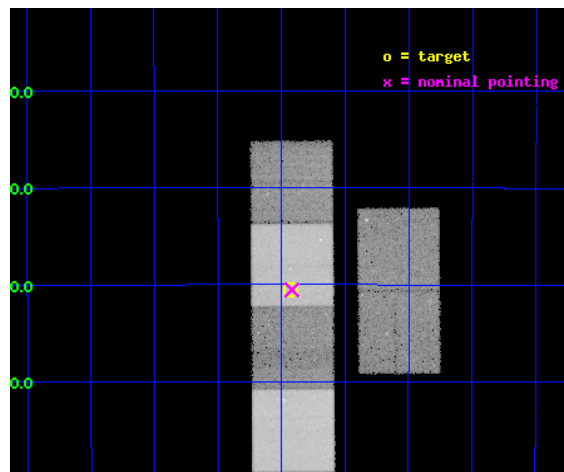
L2 Processing Date : Mar 26 2012

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1 Front

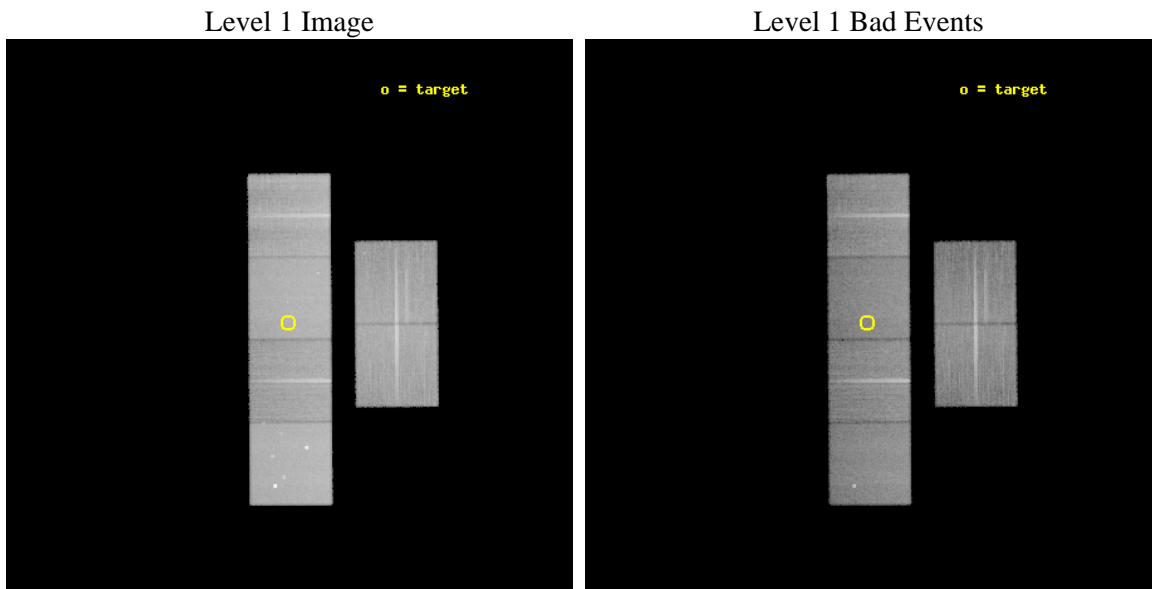
seq_num	701265	Sequence number
obs_id	6847	Observation id
title	Unveiling obscured AGNs in close pairs of similar sized galaxies	P
observer	Dr. Nora Loiseau	Principal investigator
object	AM 0302-274	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	46.231667	Observer's specified target RA [deg]
dec_targ	-27.507778	Observer's specified target Dec [deg]
ra_nom	46.229777780853	Nominal RA [deg]
dec_nom	-27.508997277819	Nominal Dec [deg]
roll_nom	269.59556482931	Nominal Roll [deg]
revision	2	Processing version of data
ontime	29954.513330728	Sum of GTIs [s]
livetime	29575.211246492	Livetime [s]
ontime2	29954.554370731	Sum of GTIs [s]
ontime3	29951.149250448	Sum of GTIs [s]
ontime5	29954.472290725	Sum of GTIs [s]
ontime6	29954.431250721	Sum of GTIs [s]
ontime7	29954.513330728	Sum of GTIs [s]
ontime8	29954.349170744	Sum of GTIs [s]
l2events	415518	Number of level 2 events



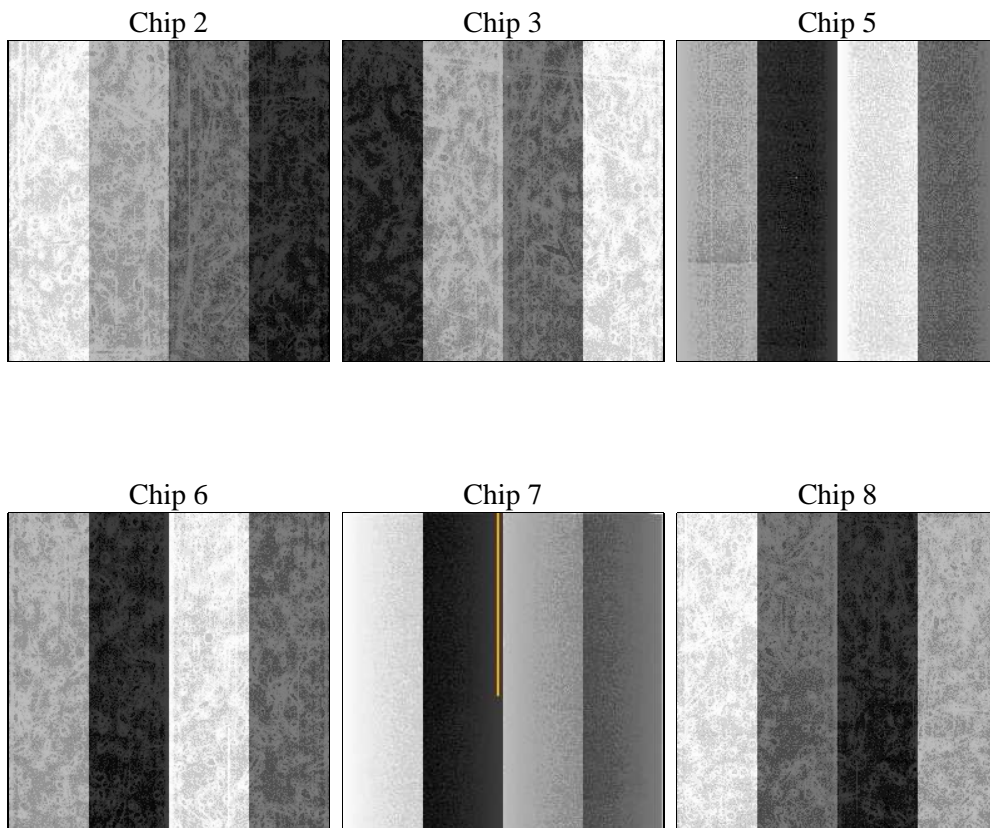
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	30000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.3	Processing system revision	ontime	29954.513330728	Sum of GTIs [s]
caldbver	4.4.8	 	ontime2	29954.554370731	Sum of GTIs [s]
date	2012-03-26T07:05:33	Date and time of file creation	ontime3	29951.149250448	Sum of GTIs [s]
revision	2	Processing version of data	ontime5	29954.472290725	Sum of GTIs [s]
			ontime6	29954.431250721	Sum of GTIs [s]
			ontime7	29954.513330728	Sum of GTIs [s]
			ontime8	29954.349170744	Sum of GTIs [s]
			l1events	1830987	Number of level 1 events

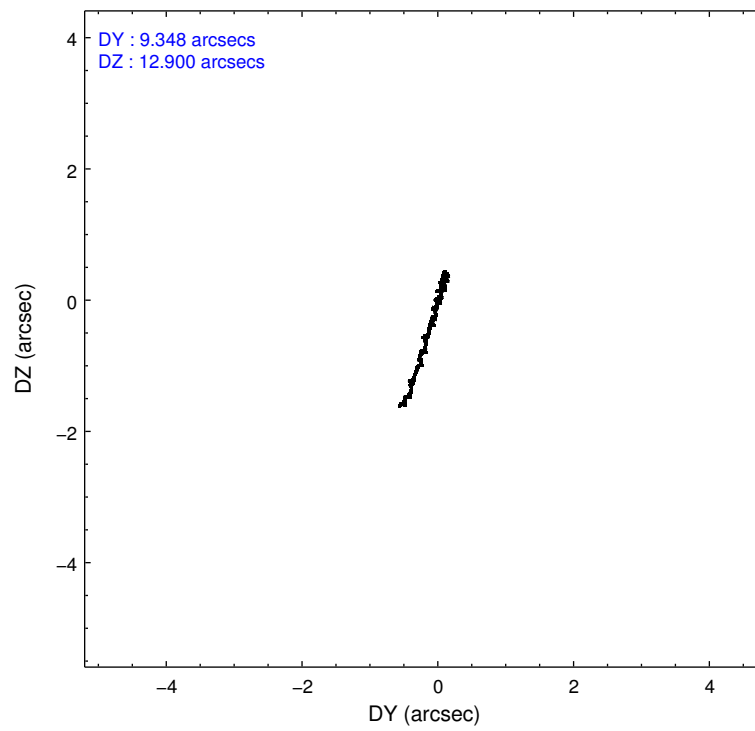
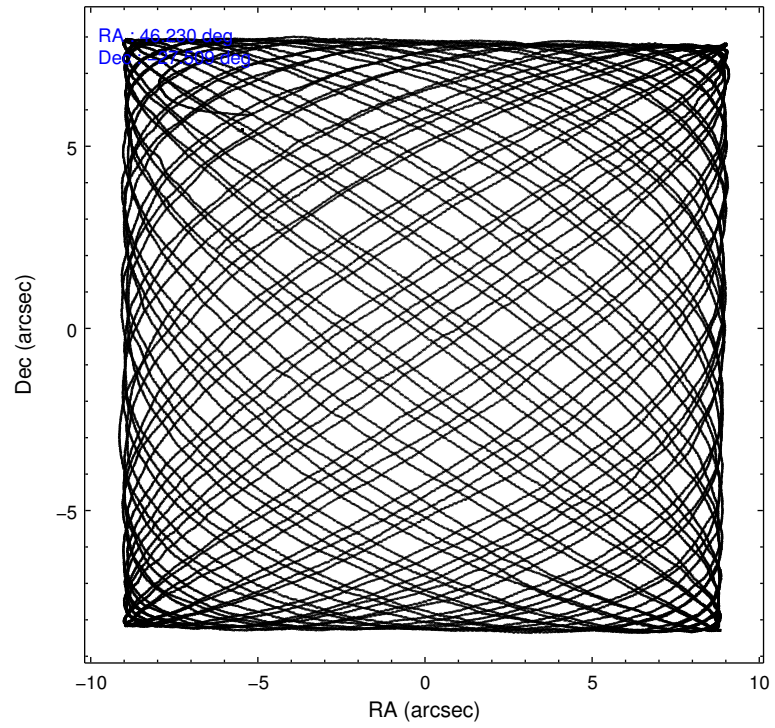
2.1.4 Events

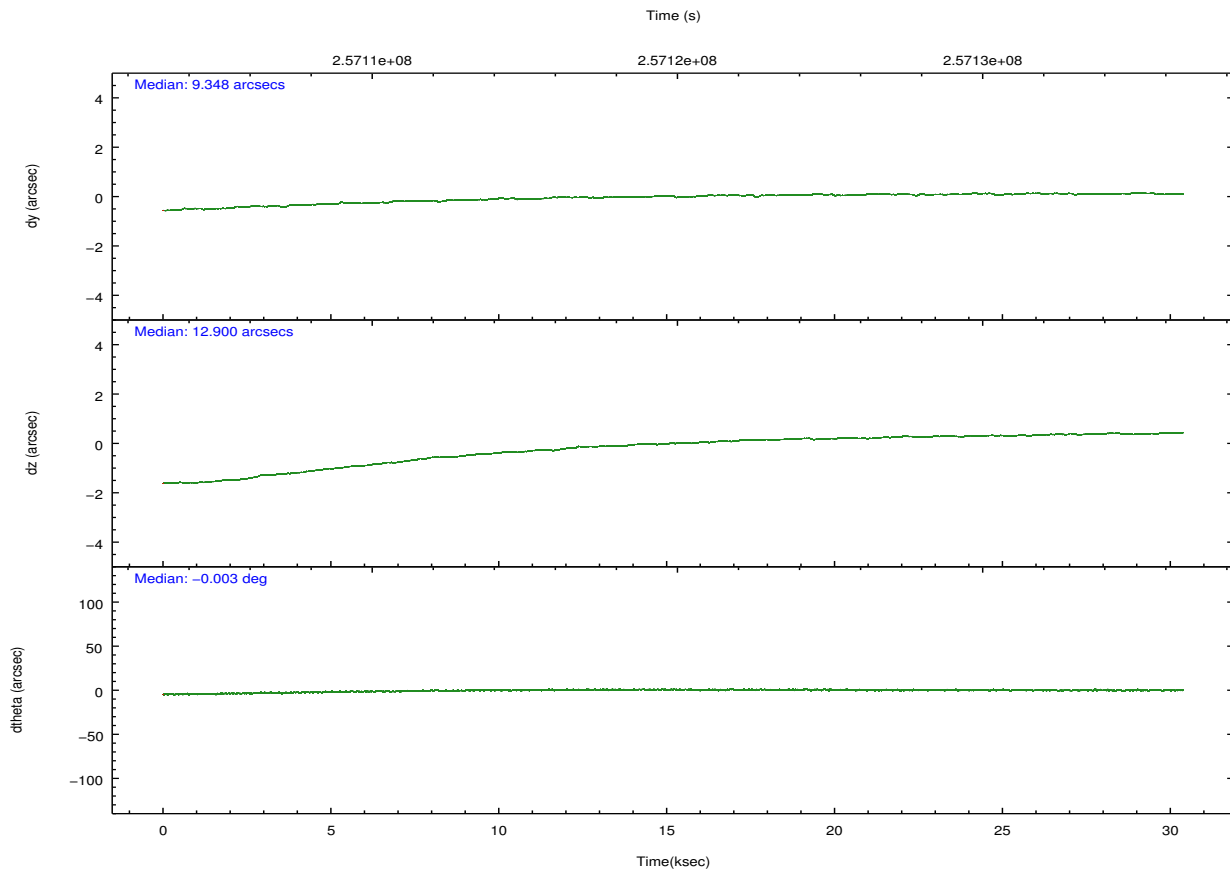
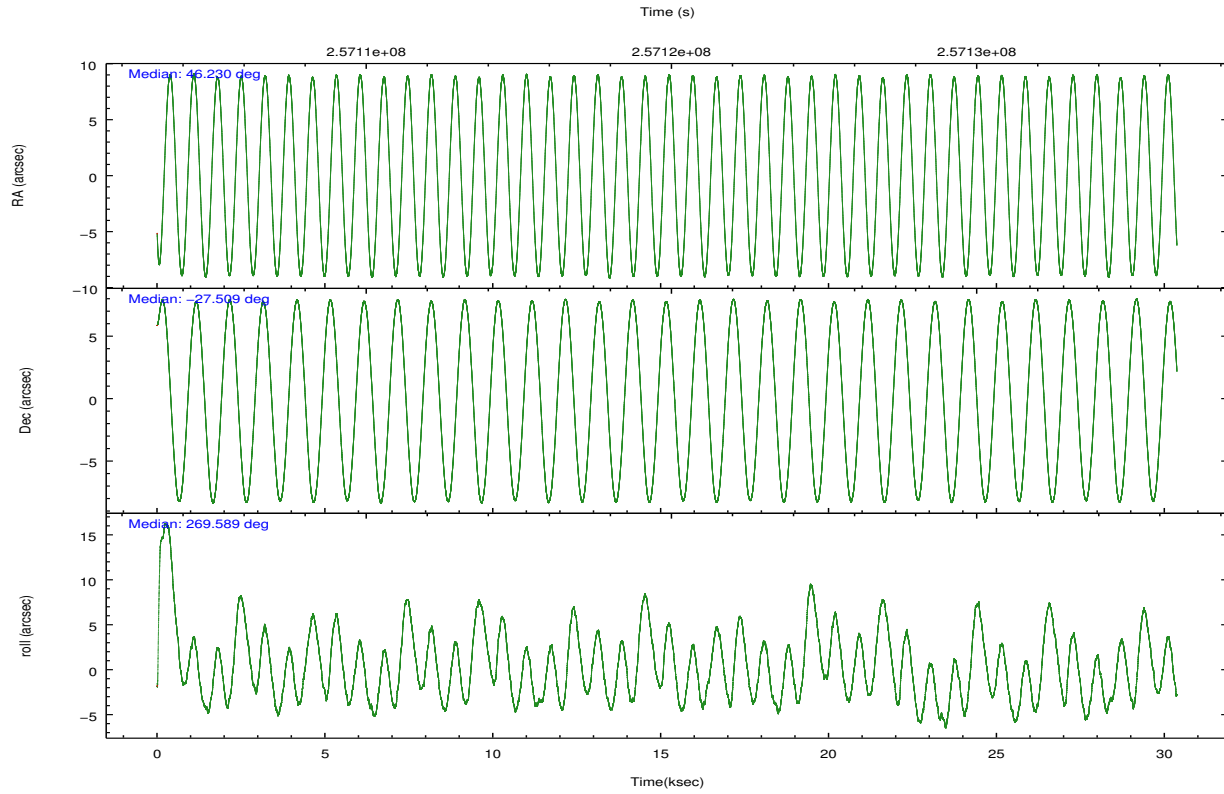
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8		ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	266497	245942	390212	255278	348502	324556	grade 0 events	13496	12707	19660	11669	12629	21852
rejected events	236340	216596	209350	224950	204490	254308		5%	5%	5%	4%	3%	6%
rejected %	88%	88%	53%	88%	58%	78%	grade 1 events	157	163	1753	110	356	245
								0%	0%	0%	0%	0%	0%
							grade 2 events	6251	5735	53959	6555	28748	15745
								2%	2%	13%	2%	8%	4%
							grade 3 events	2726	2774	6911	2968	12677	7299
								1%	1%	1%	1%	3%	2%
							grade 4 events	2806	2930	6741	2950	12417	6967
								1%	1%	1%	1%	3%	2%
							grade 5 events	10175	11419	28458	12028	33406	15764
								3%	4%	7%	4%	9%	4%
							grade 6 events	4882	5207	93632	6192	77576	18391
								1%	2%	23%	2%	22%	5%
							grade 7 events	226004	205007	179098	212806	170693	238293
								84%	83%	45%	83%	48%	73%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-235678	ACIS-235678	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	46.214246	46.22977778085264	Subarray requested	NONE	NONE
[deg] Pointing Dec	-27.485518	-27.50899727781936	Alternating exposures requested	N	N
[deg] Pointing Roll	269.431775	269.5955648293102	[s] Primary exposure time	0.000000	3.2
[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)	257105048.184000	257103991.51883			
Observation start date	2006-02-23T18:03:03	2006-02-23T17:46:31			
[s] Observation end time (MET)	257135048.184000	257136220.59533			
Observation end date	2006-02-24T02:23:03	2006-02-24T02:43:40			
Read mode	TIMED	TIMED			

2.3 Aspect



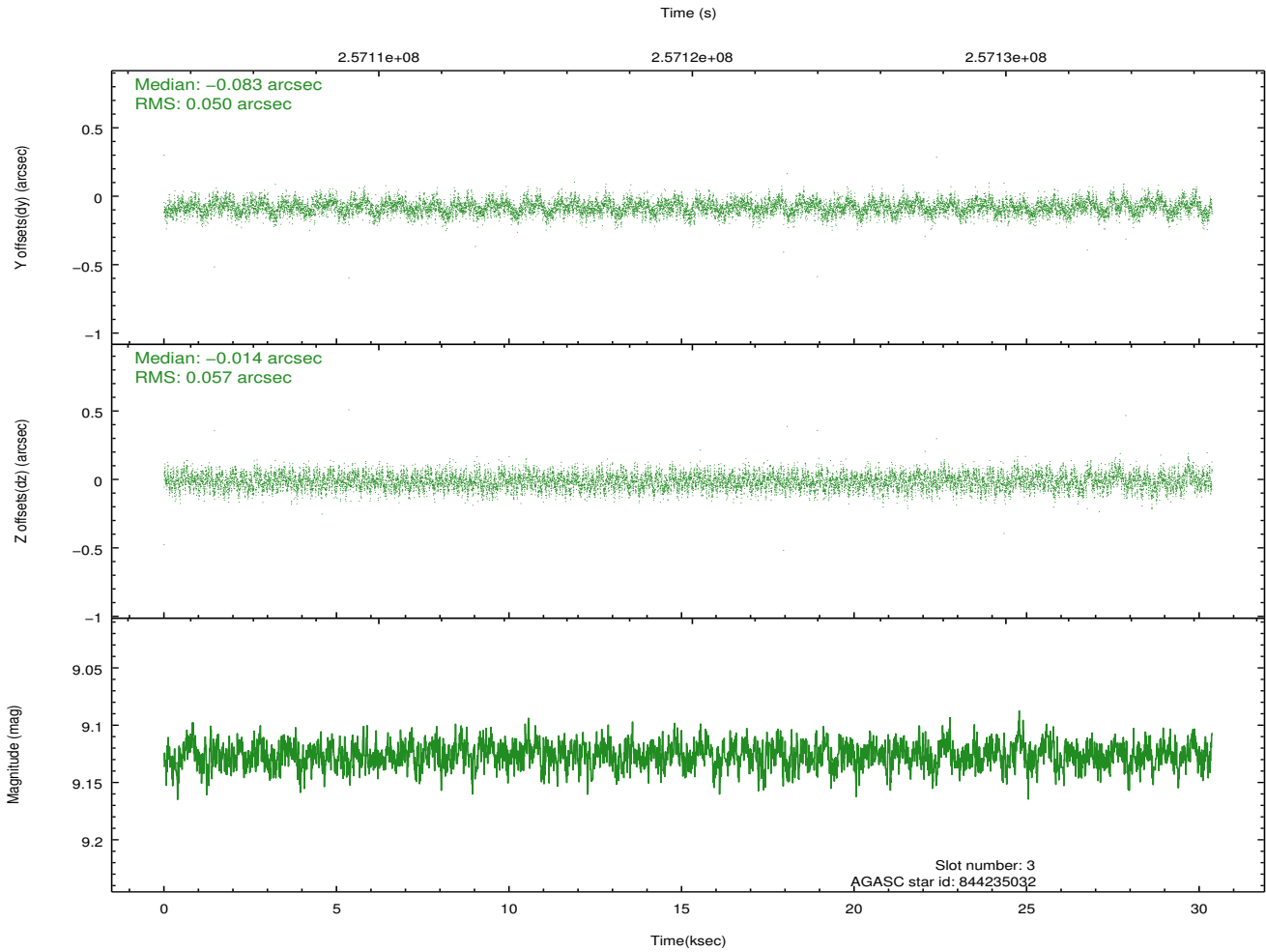
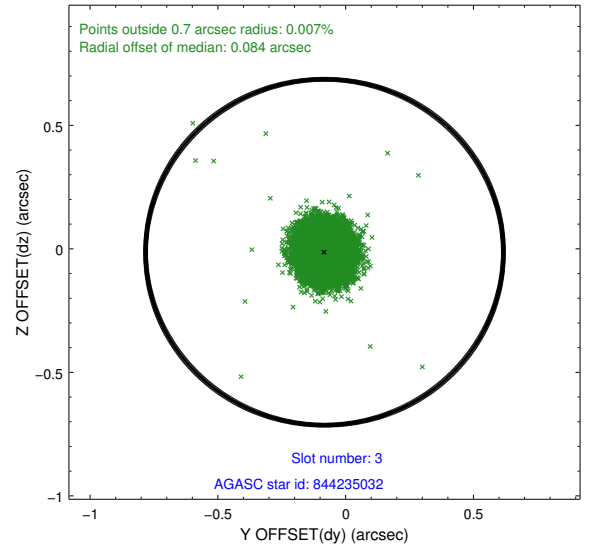
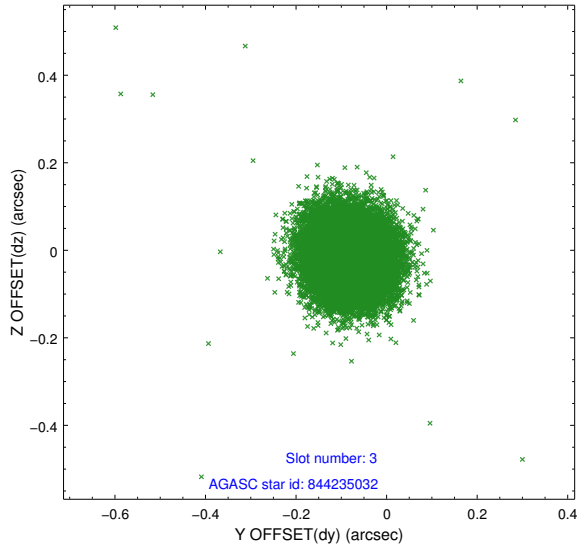


Slot Statistics

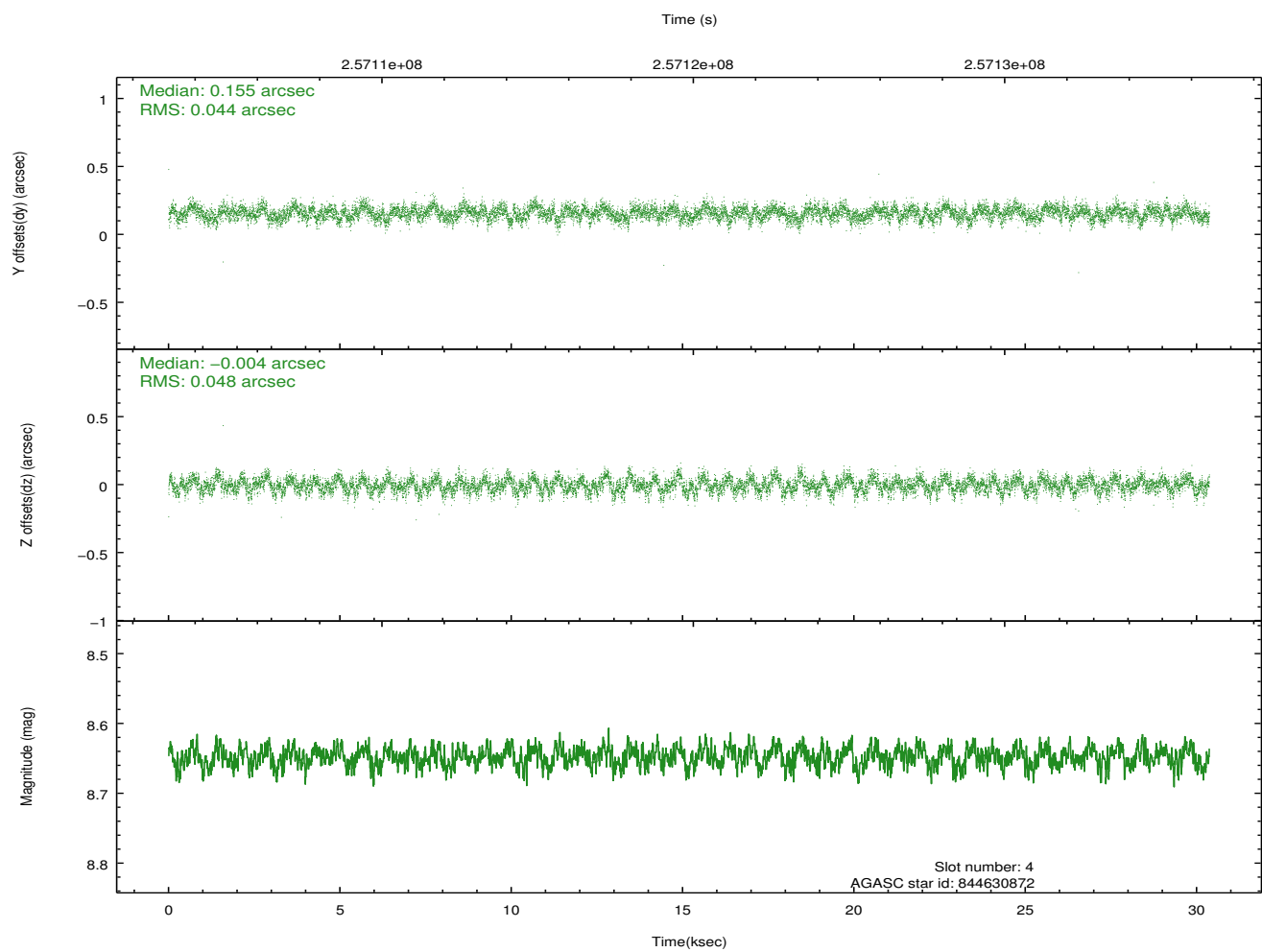
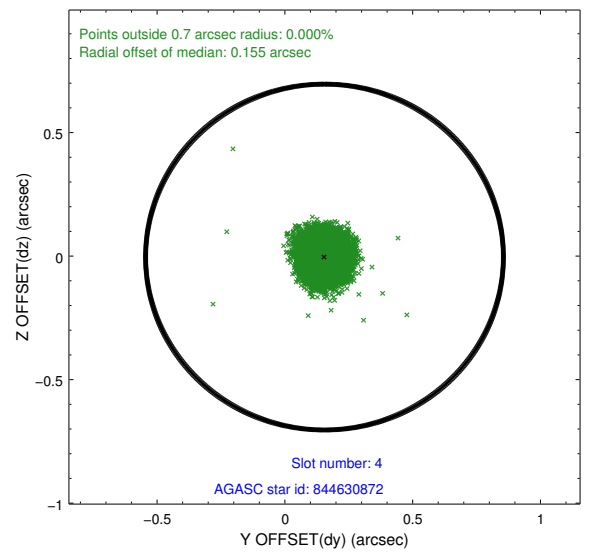
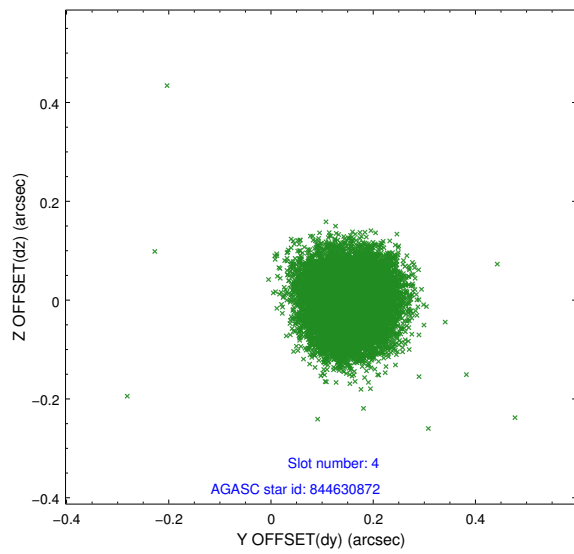
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	7407	-0.019	-0.048	0.013	0.037	0.000000	0.000000	-762.13	-1734.01
1	FID	ACIS-S-4	7.20	7408	0.136	0.021	0.008	0.013	0.000000	0.000000	2151.29	174.44
2	FID	ACIS-S-5	7.23	7408	-0.150	0.035	0.011	0.034	0.000000	0.000000	-1814.99	168.23
3	GUIDE	844235032	9.13	14811	-0.083	-0.014	0.080	0.128	45.755011	-26.981339	-1797.24	-1491.32
4	GUIDE	844630872	8.65	14791	0.155	-0.004	0.069	0.112	46.308244	-27.950971	1673.12	315.60
5	GUIDE	844634528	9.36	14806	-0.069	0.145	0.096	0.156	46.563420	-27.655114	601.39	1119.66
6	GUIDE	844634536	9.17	14799	0.050	-0.088	0.103	0.163	46.383375	-27.660123	624.02	545.55
7	GUIDE	844632880	6.58	14747	-0.053	-0.047	0.071	0.113	46.961874	-27.831149	1228.11	2392.98

2.4 Star Slots

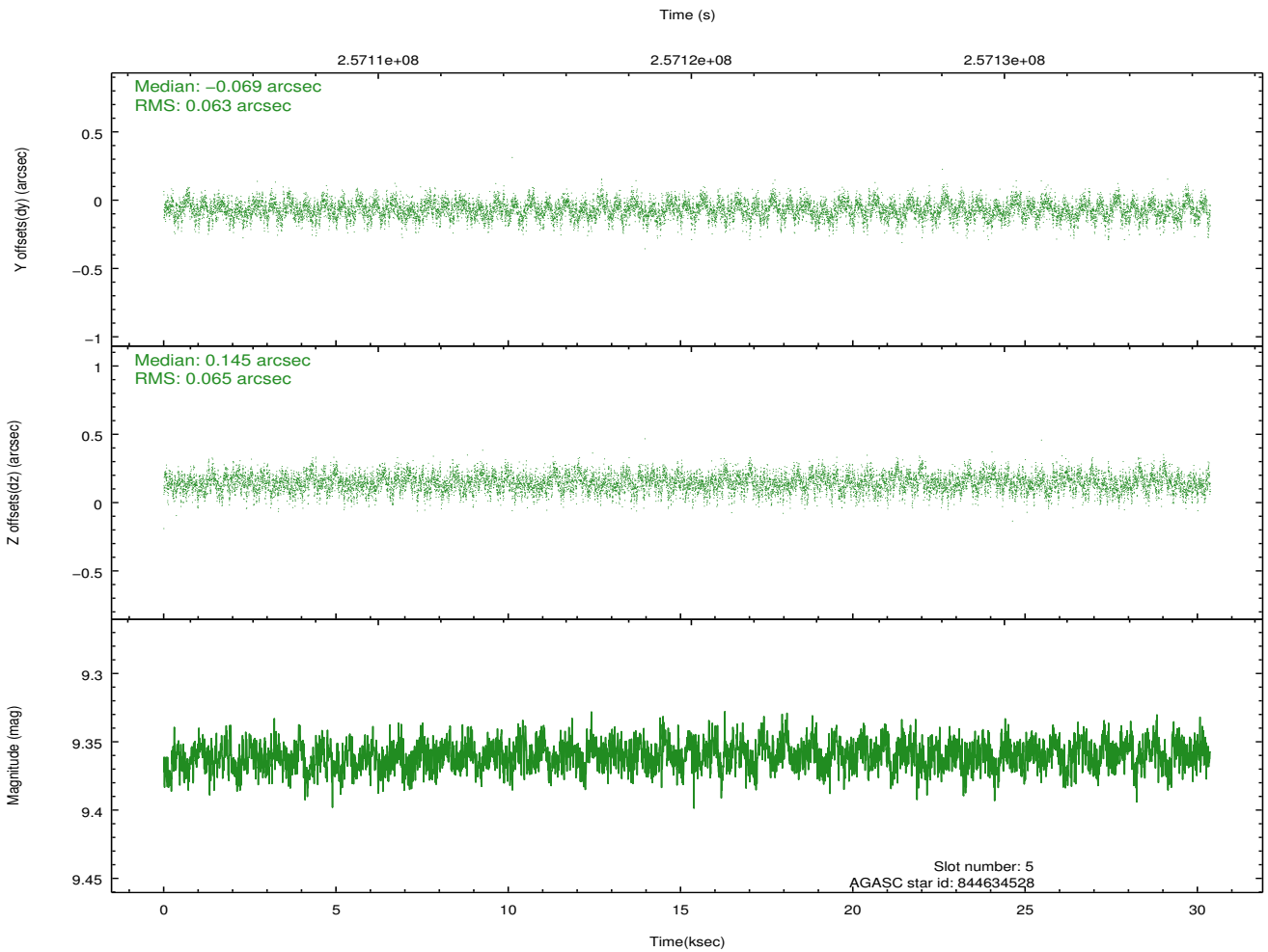
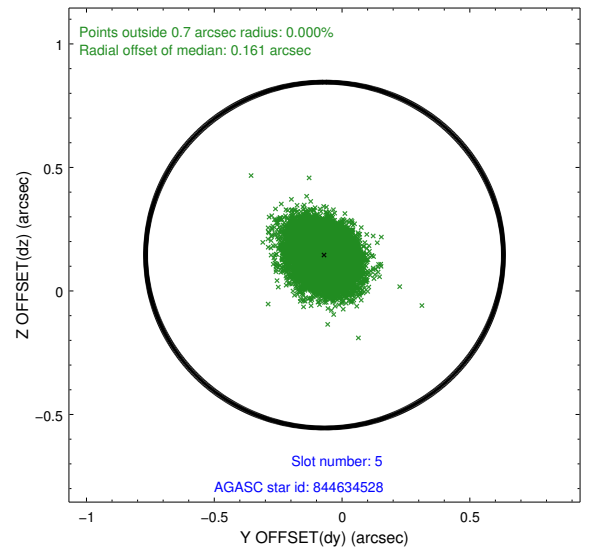
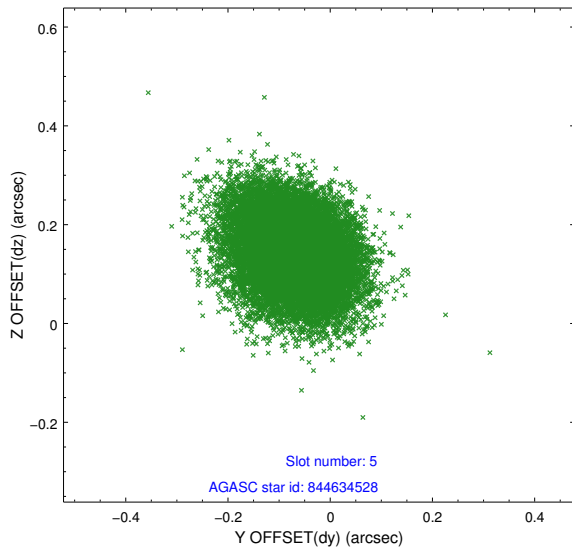
2.4.1 Slot 3



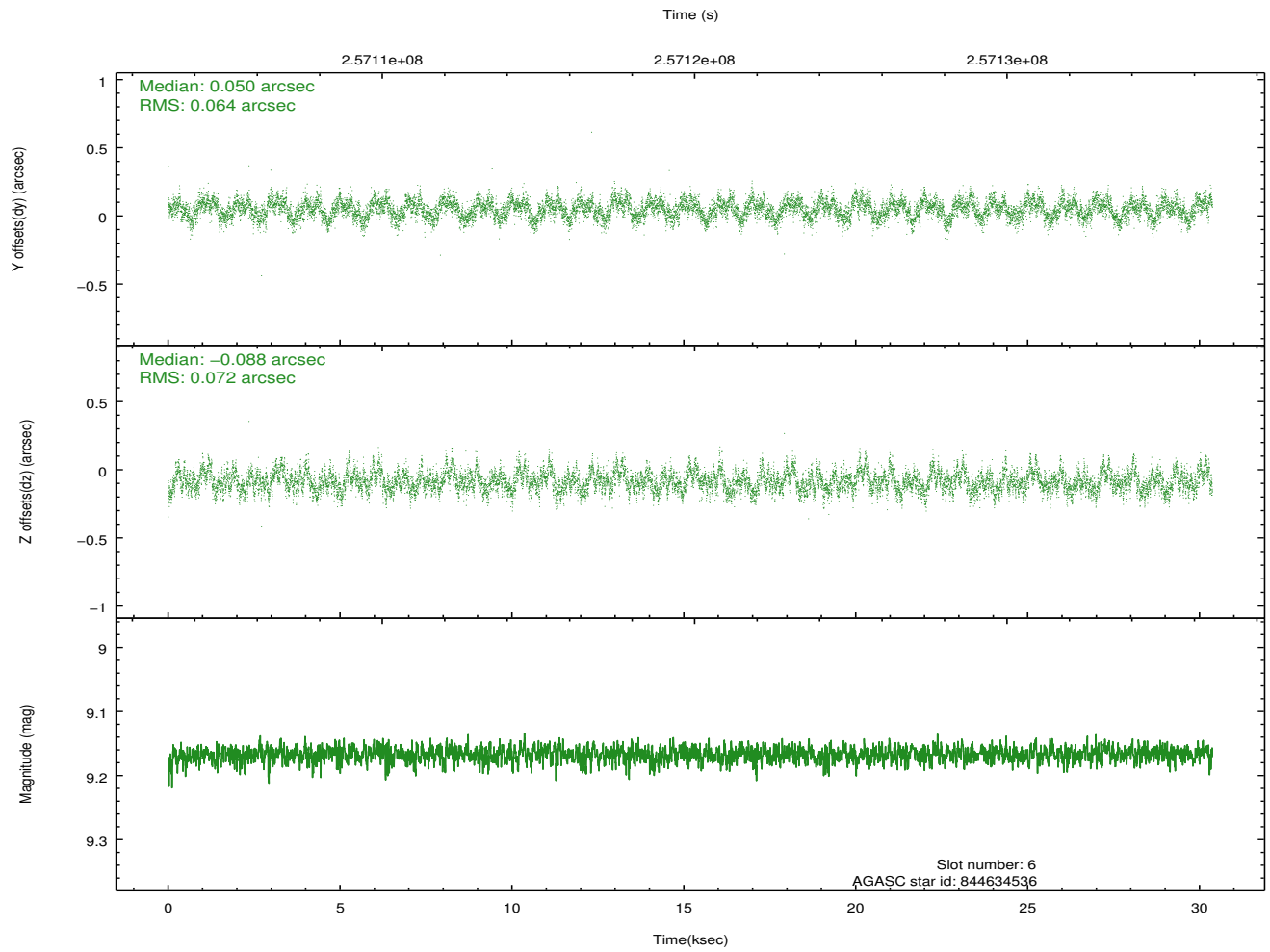
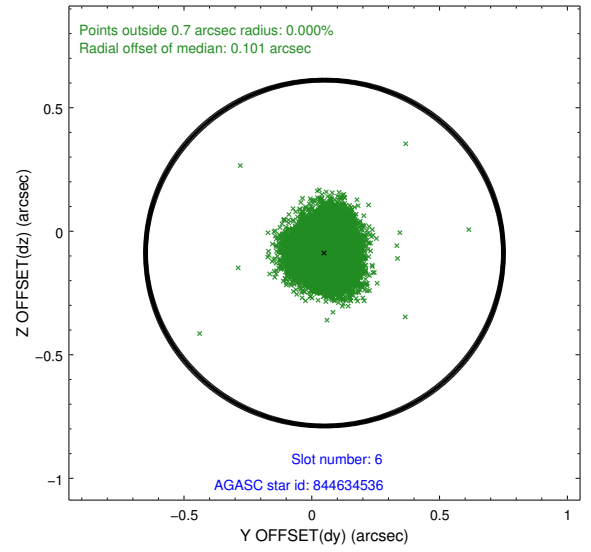
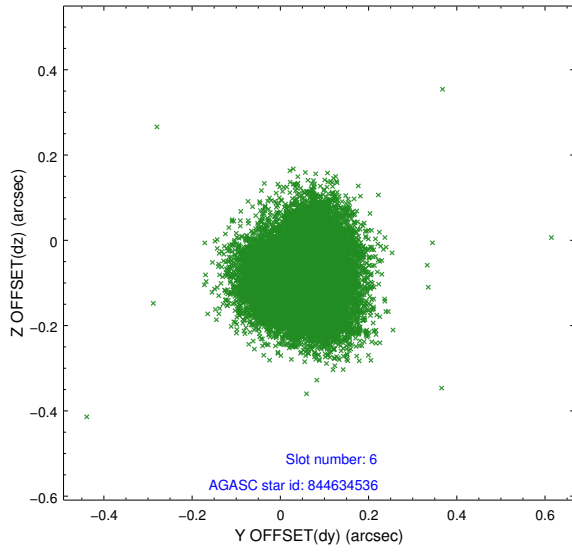
2.4.2 Slot 4



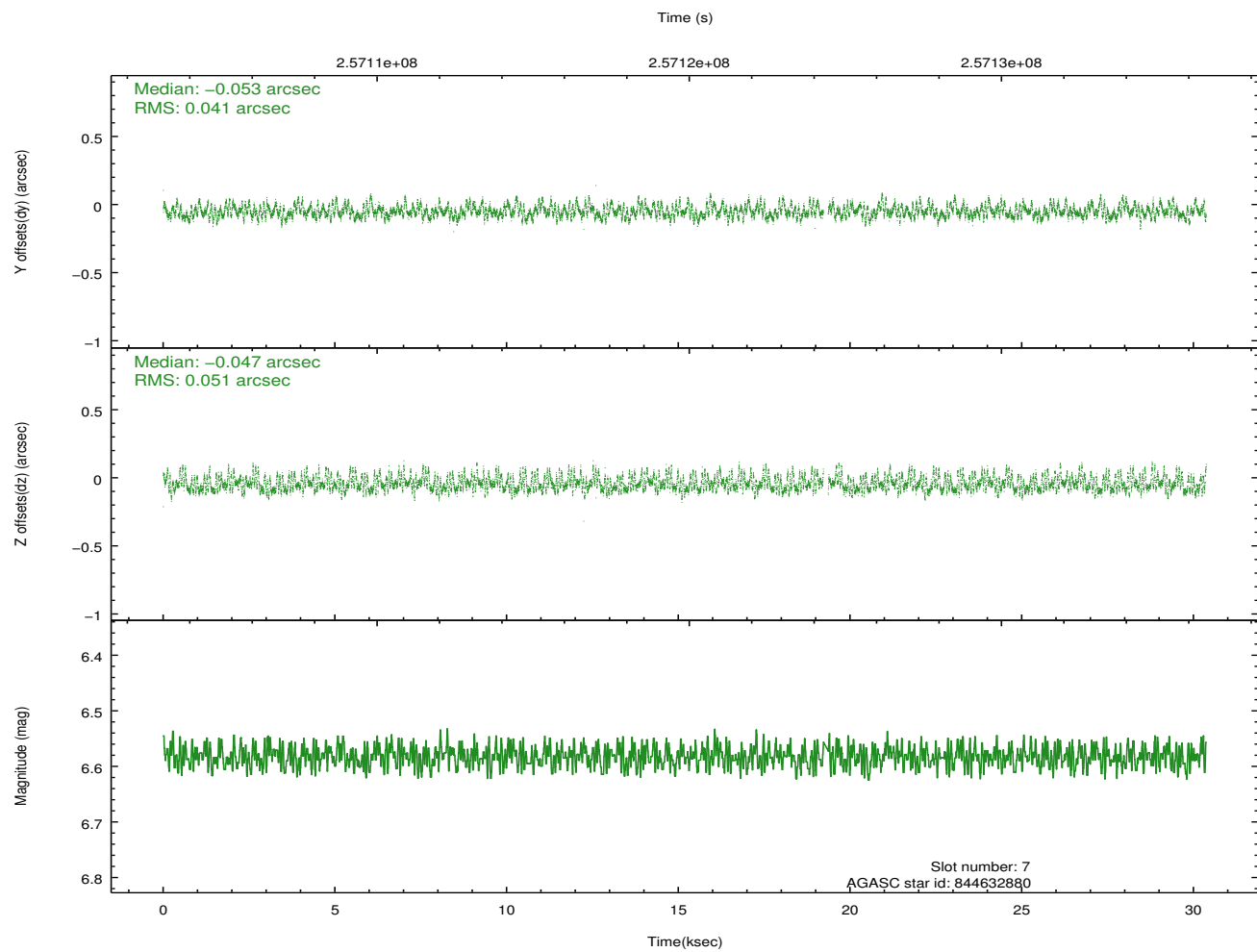
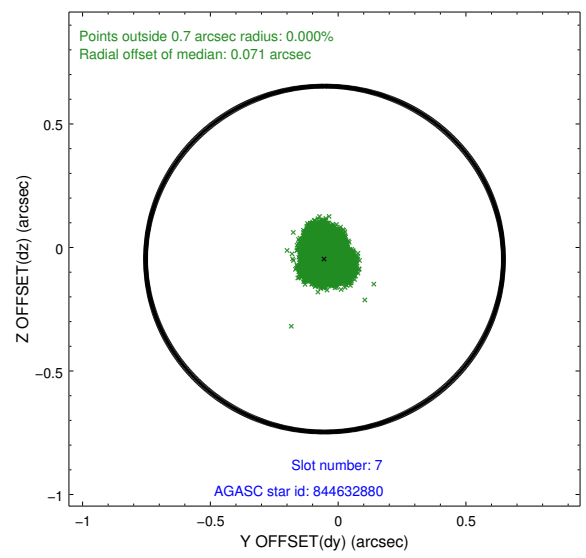
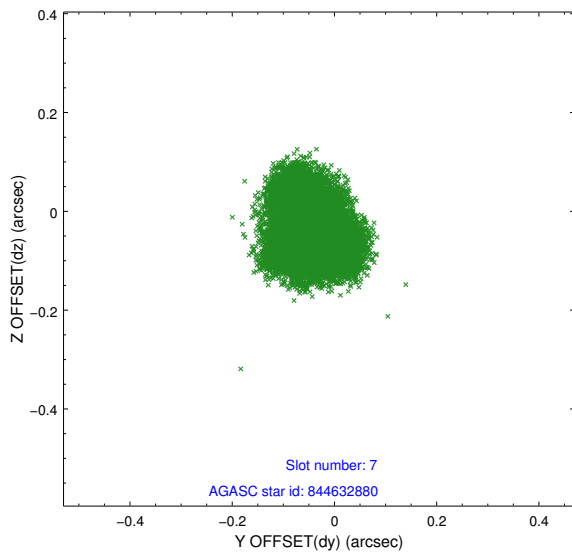
2.4.3 Slot 5



2.4.4 Slot 6

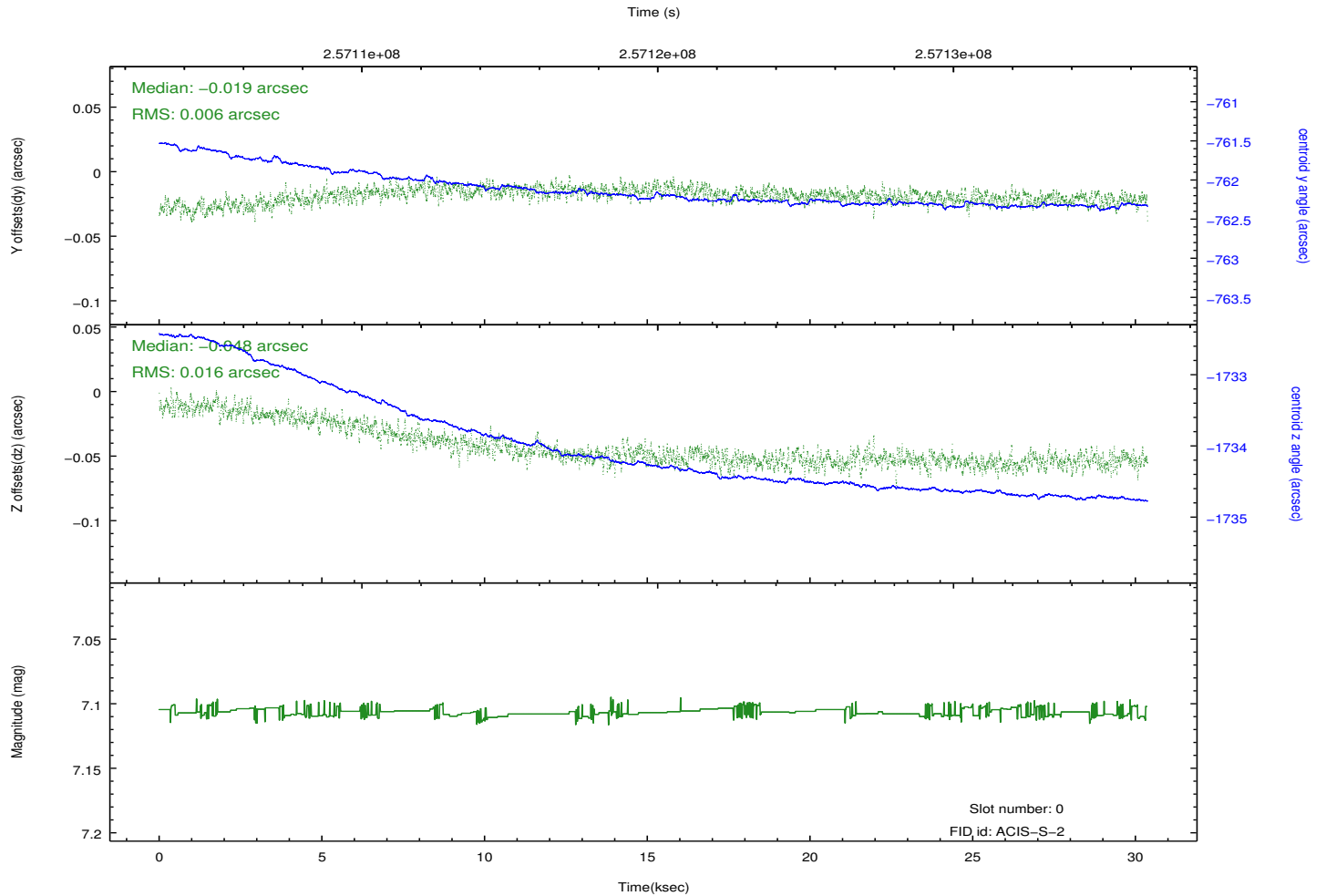
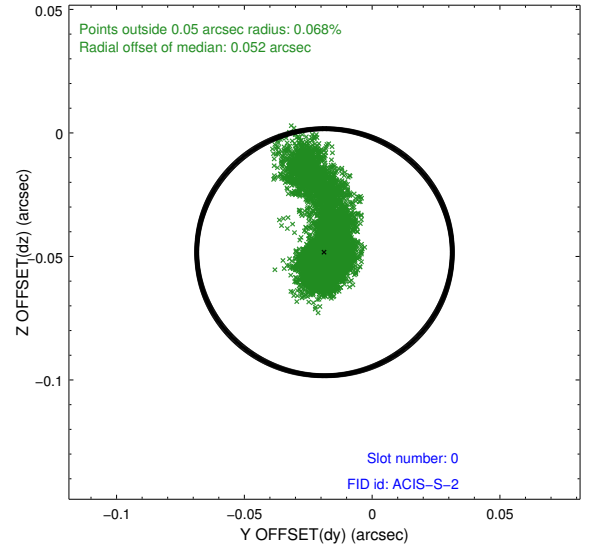
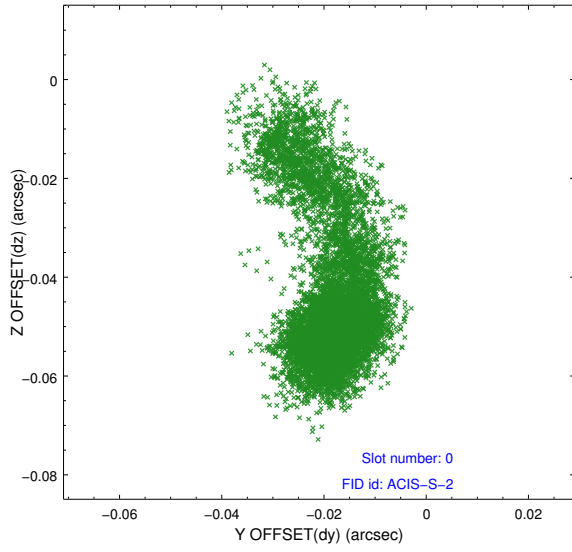


2.4.5 Slot 7

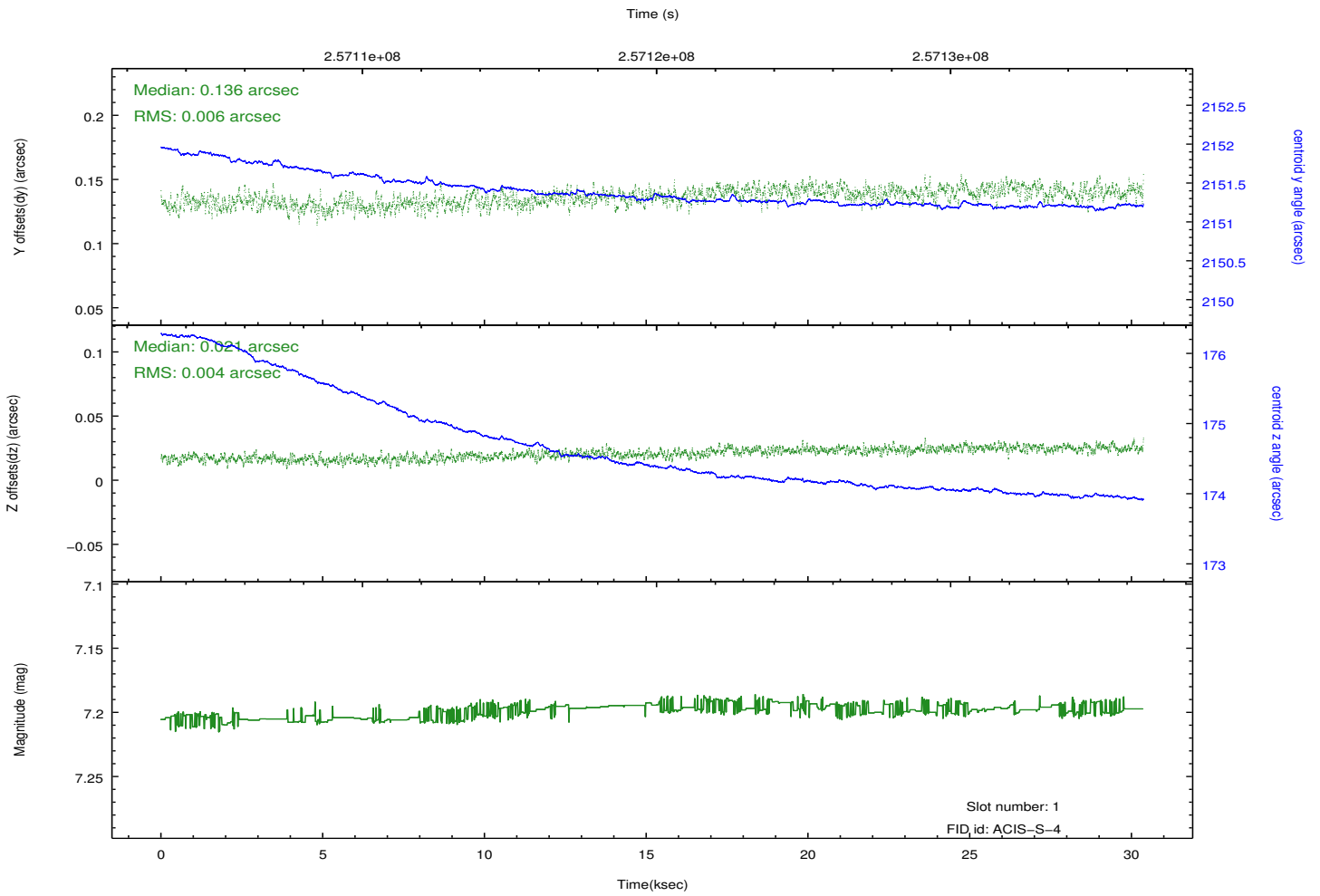
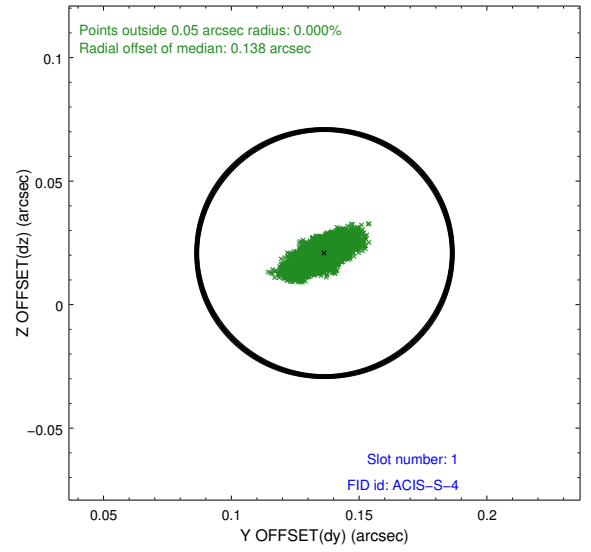
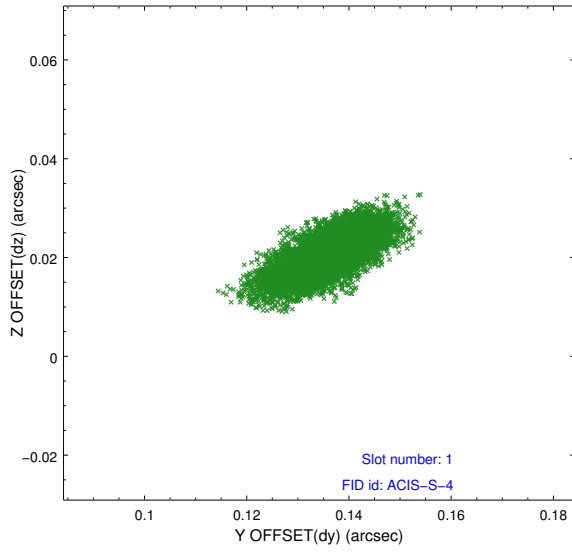


2.5 FID Slots

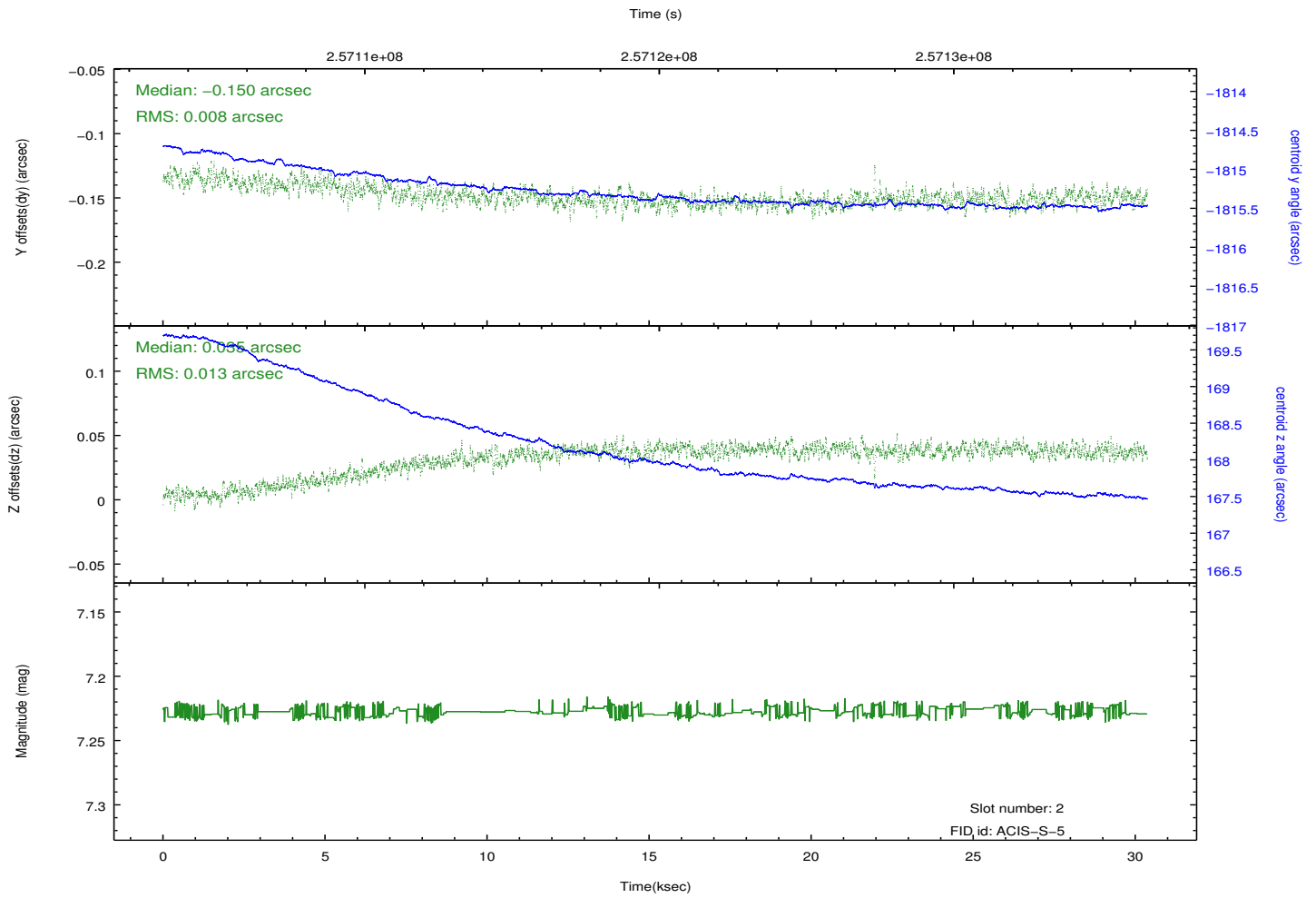
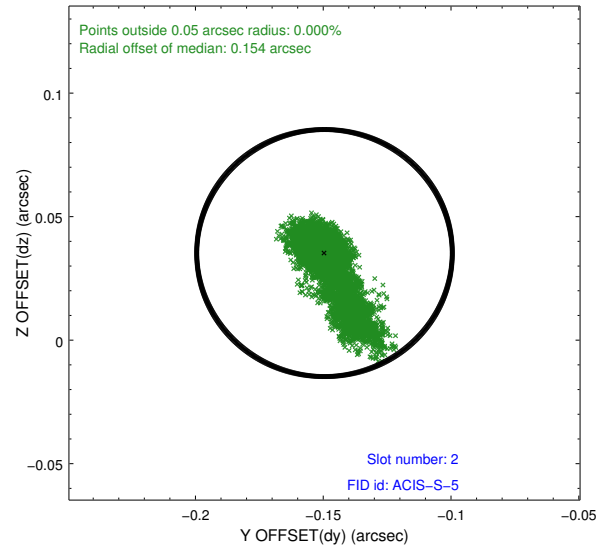
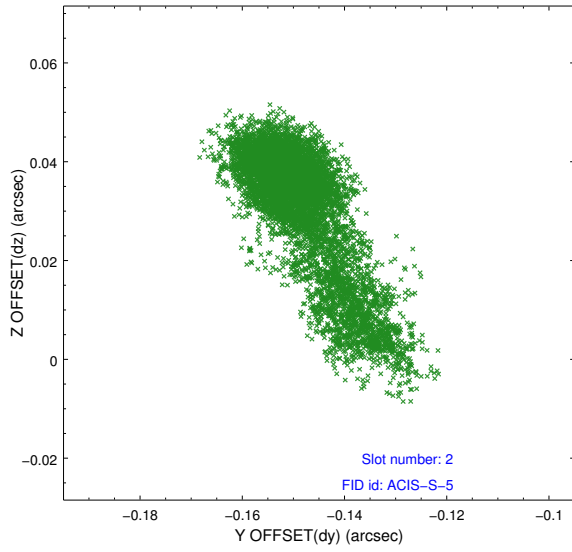
2.5.1 Slot 0



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)	2012.03.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	29.9551998

A.2 Comments