

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 3314 - L2 Version 3
Chandra X-Ray Center

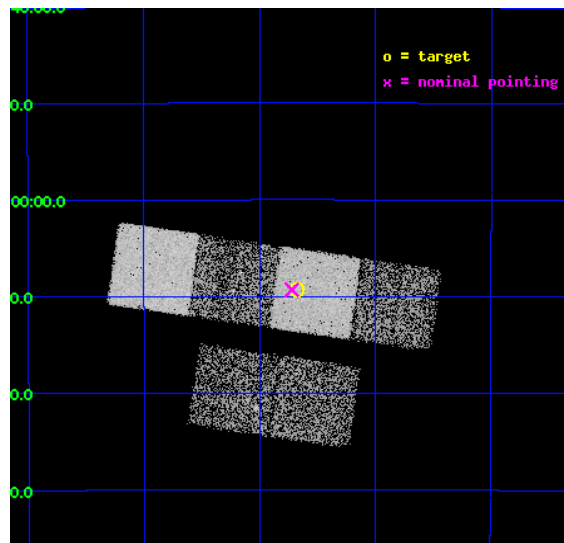
L2 Processing Date : Oct 17 2012

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1 Front

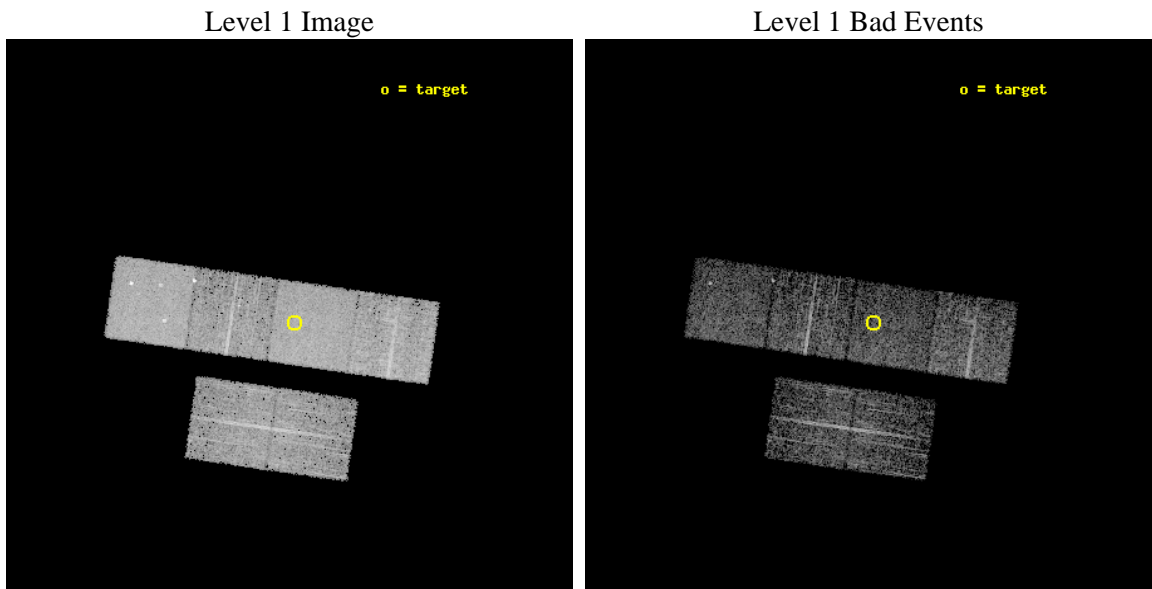
seq_num	900153	Sequence number
obs_id	3314	Observation id
title	THE SHEEP SURVEY: WHAT KIND OF OBJECTS MAKE THE X-RAY BACKGROUND?	
observer	Prof Kirpal Nandra	Principal investigator
object	AX J0335.6-3609	Source name
dtycycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	53.918333	Observer's specified target RA [deg]
dec_targ	-36.155	Observer's specified target Dec [deg]
ra_nom	53.930389589108	Nominal RA [deg]
dec_nom	-36.155335870408	Nominal Dec [deg]
roll_nom	8.2191917665996	Nominal Roll [deg]
revision	3	Processing version of data
ontime	4722.2294428945	Sum of GTIs [s]
livetime	4662.4337303033	Livetime [s]
ontime2	4722.2704828978	Sum of GTIs [s]
ontime3	4722.1063228846	Sum of GTIs [s]
ontime5	4722.1884028912	Sum of GTIs [s]
ontime6	4722.1473828256	Sum of GTIs [s]
ontime7	4722.2294428945	Sum of GTIs [s]
ontime8	4718.8242230117	Sum of GTIs [s]
l2events	51186	Number of level 2 events



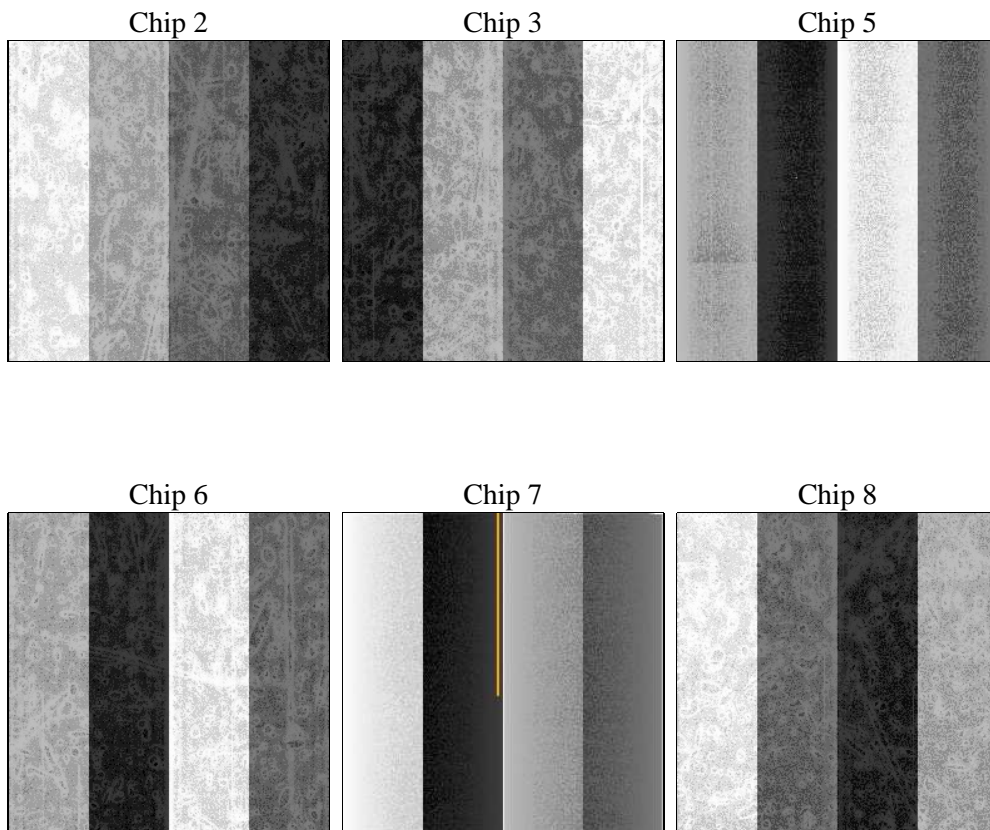
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	5000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	4722.2294428945	Sum of GTIs [s]
caldbver	4.5.2	 	ontime2	4722.2704828978	Sum of GTIs [s]
date	2012-10-17T11:09:38	Date and time of file creation	ontime3	4722.1063228846	Sum of GTIs [s]
revision	3	Processing version of data	ontime5	4722.1884028912	Sum of GTIs [s]
			ontime6	4722.1473828256	Sum of GTIs [s]
			ontime7	4722.2294428945	Sum of GTIs [s]
			ontime8	4718.8242230117	Sum of GTIs [s]
			l1events	209897	Number of level 1 events

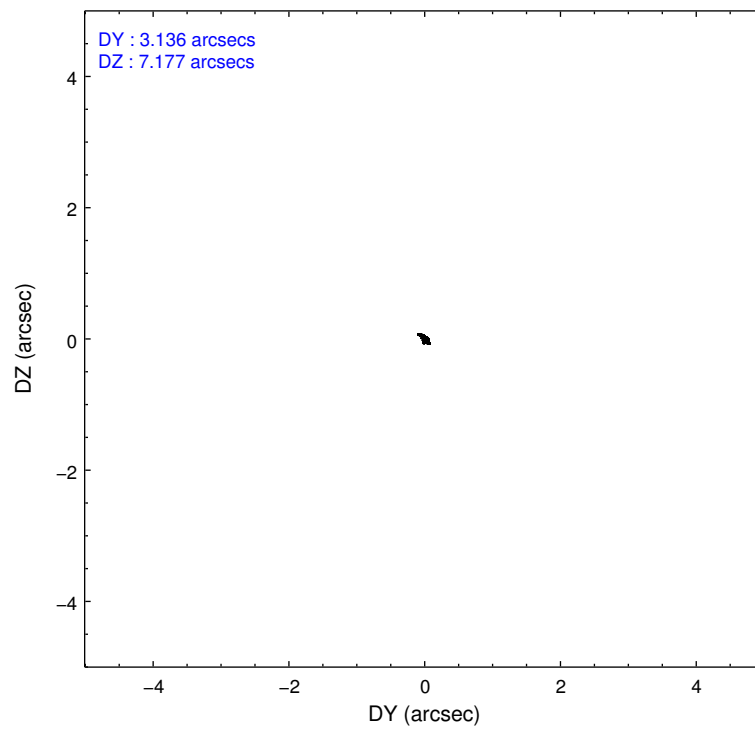
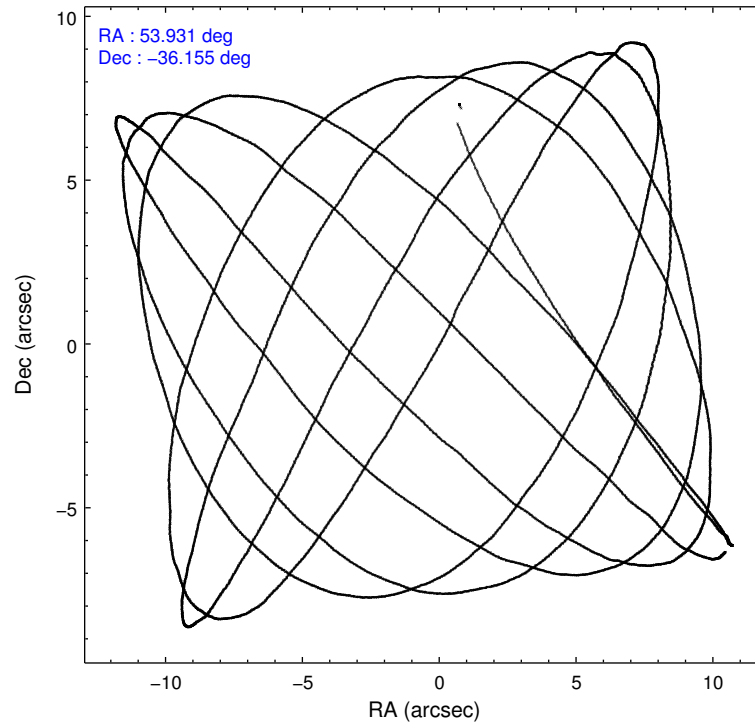
2.1.4 Events

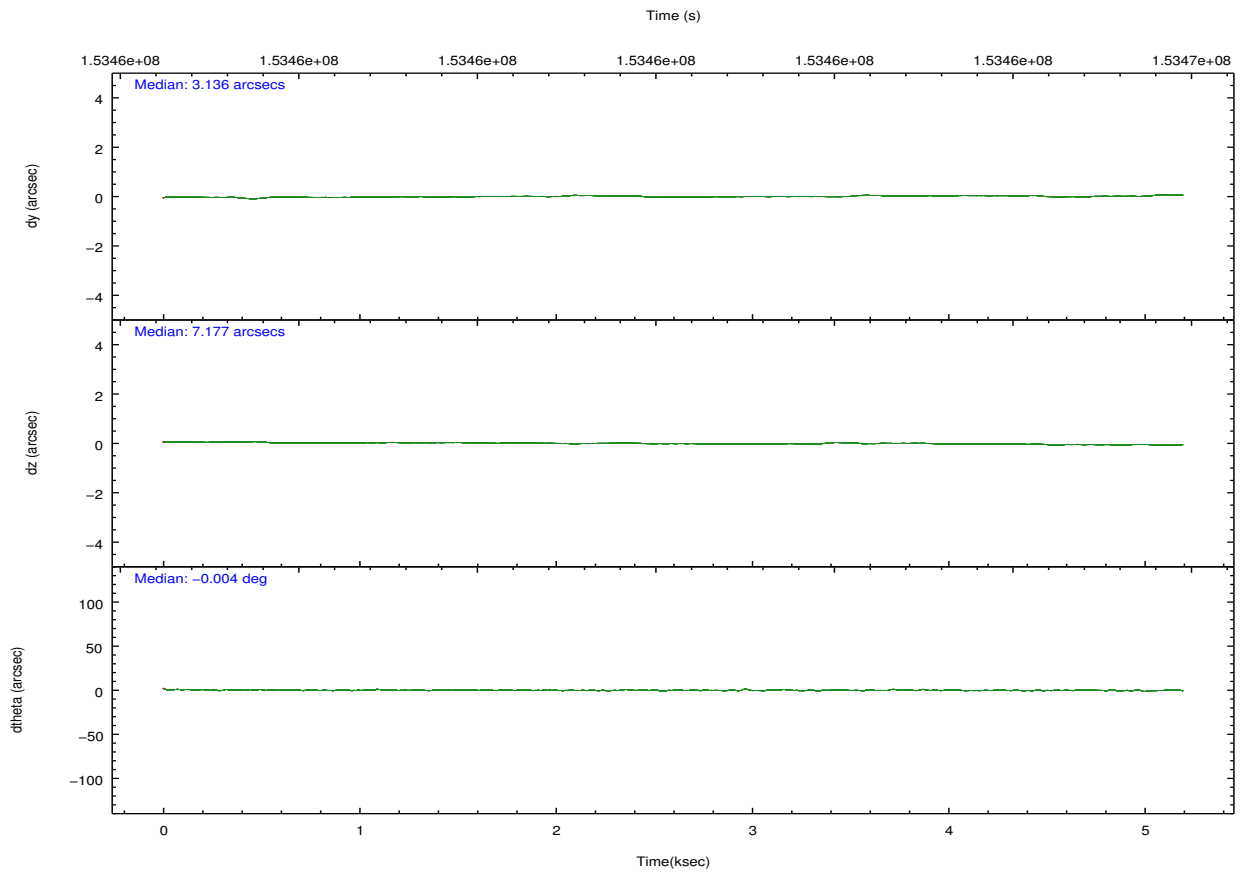
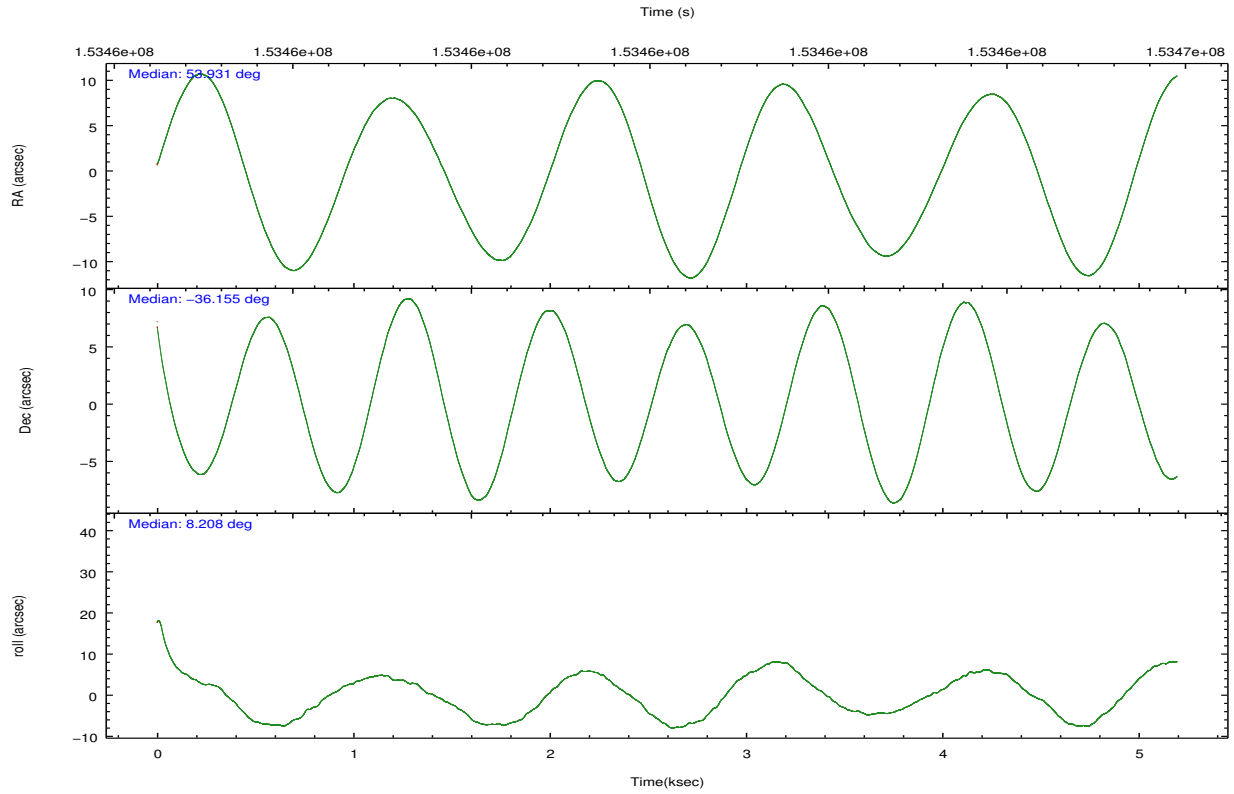
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8		ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	28585	27003	45309	29472	39865	39663	grade 0 events	1764	1675	3007	1990	1729	3106
rejected events	24858	23411	22777	25167	22108	30646		6%	6%	6%	6%	4%	7%
rejected %	86%	86%	50%	85%	55%	77%	grade 1 events	25	19	139	7	35	48
								0%	0%	0%	0%	0%	0%
							grade 2 events	703	675	6518	867	3483	1680
								2%	2%	14%	2%	8%	4%
							grade 3 events	343	337	1005	358	1557	1147
								1%	1%	2%	1%	3%	2%
							grade 4 events	321	284	1001	384	1575	1003
								1%	1%	2%	1%	3%	2%
							grade 5 events	1077	1133	3100	1265	3584	1668
								3%	4%	6%	4%	8%	4%
							grade 6 events	601	625	11030	711	9435	2086
								2%	2%	24%	2%	23%	5%
							grade 7 events	23751	22255	19509	23890	18467	28925
								83%	82%	43%	81%	46%	72%

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	53.904082	53.93038958910834	Subarray requested	NONE	NONE
[deg] Pointing Dec	-36.172441	-36.15533587040844	Alternating exposures requested	N	N
[deg] Pointing Roll	8.047017	8.219191766599595	[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	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	153460689.184000	153460038.25022			
Observation start date	2002-11-12T03:57:05	2002-11-12T03:47:18			
[s] Observation end time (MET)	153465689.184000	153466764.3005			
Observation end date	2002-11-12T05:20:25	2002-11-12T05:39:24			
Read mode	TIMED	TIMED			

2.3 Aspect



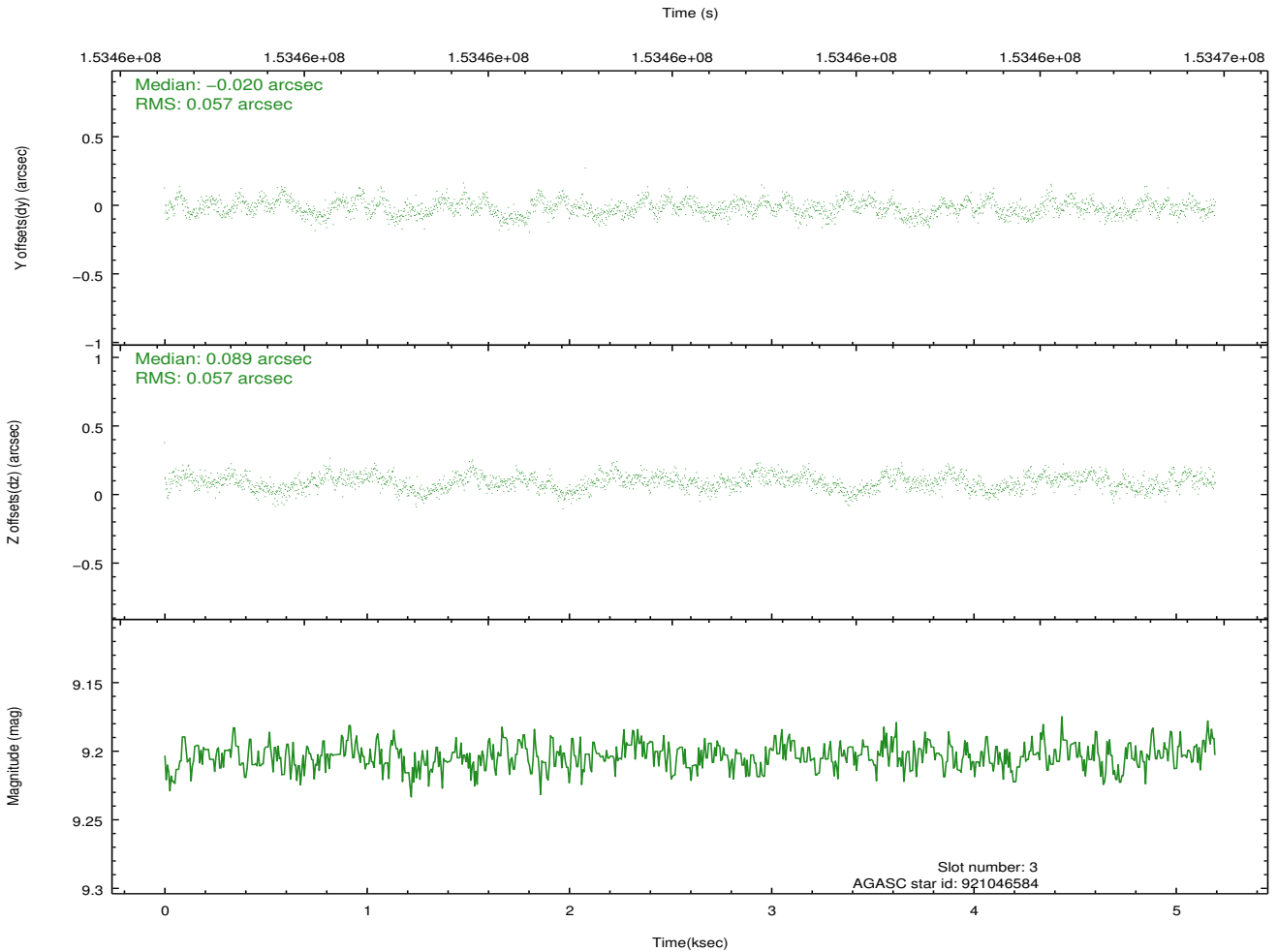
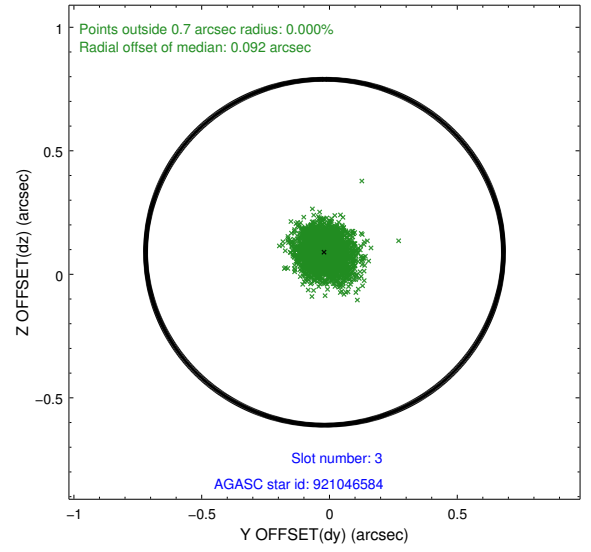
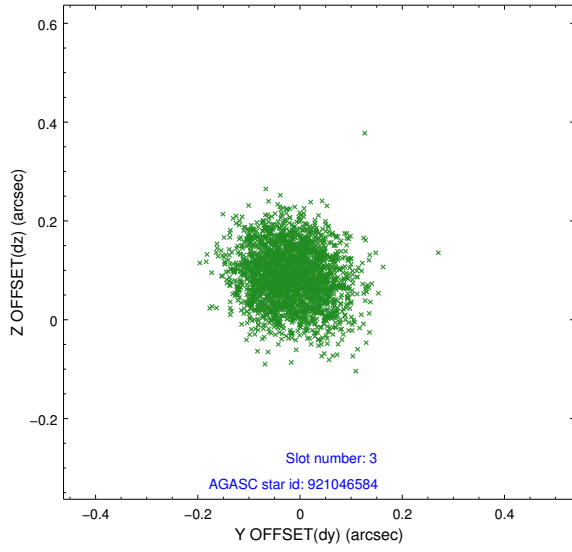


Slot Statistics

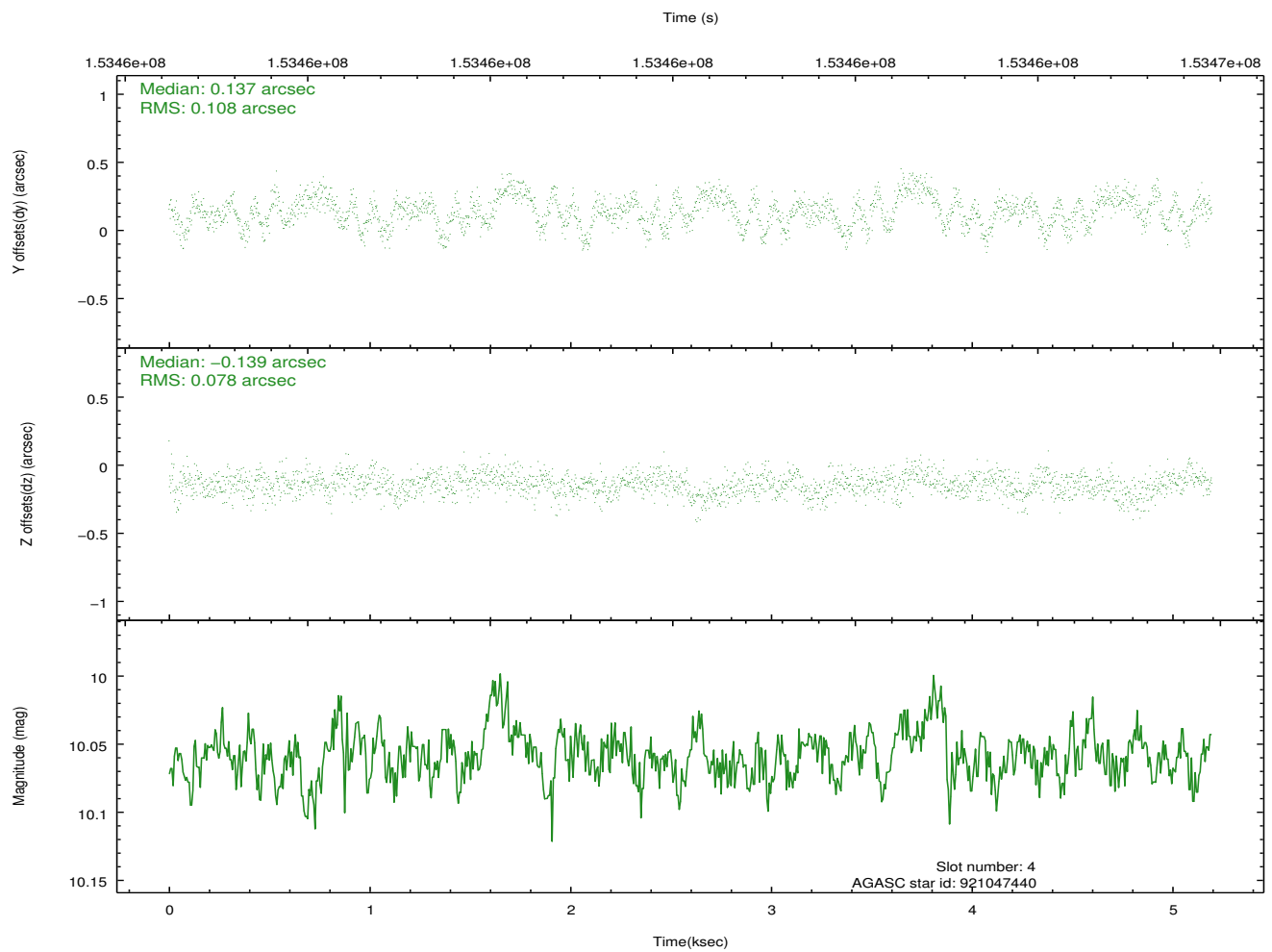
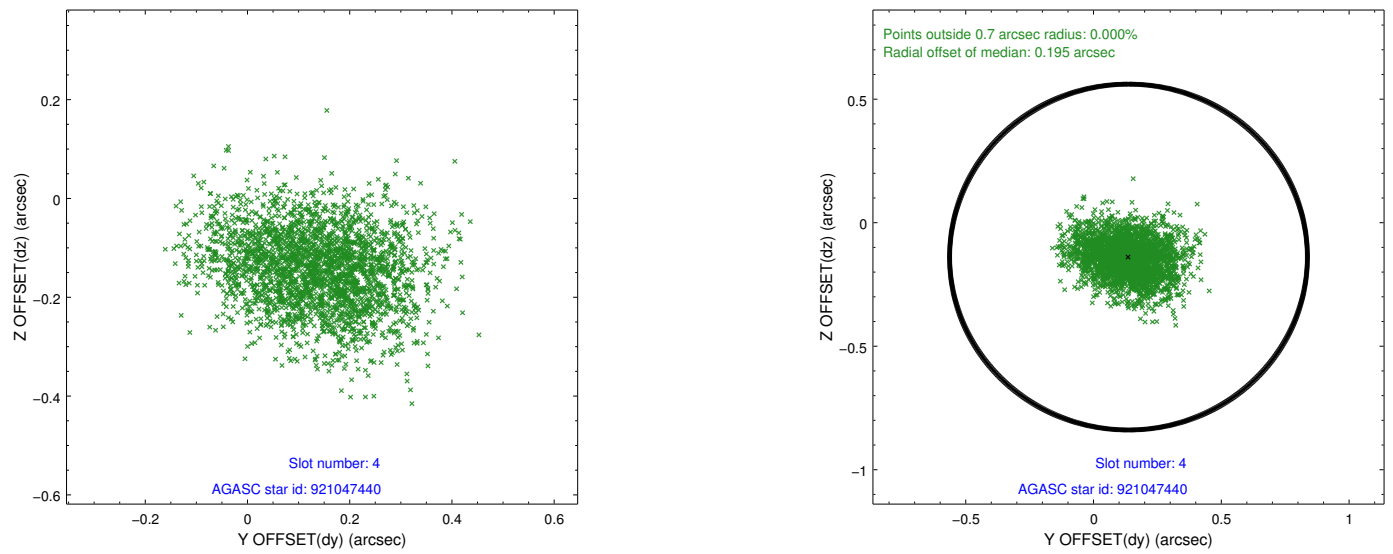
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	1268	-0.017	-0.001	0.006	0.010	0.000000	0.000000	-755.79	-1728.30
1	FID	ACIS-S-4	7.20	1268	0.008	0.009	0.005	0.010	0.000000	0.000000	2156.97	179.01
2	FID	ACIS-S-5	7.24	1268	-0.021	0.001	0.006	0.010	0.000000	0.000000	-1807.15	173.98
3	GUIDE	921046584	9.20	2534	-0.020	0.089	0.086	0.134	53.976815	-36.314393	137.14	-535.64
4	GUIDE	921047440	10.06	2535	0.137	-0.139	0.141	0.232	53.289207	-35.625675	-1507.34	2194.27
5	GUIDE	921048648	9.04	2534	-0.028	0.026	0.088	0.145	53.884610	-35.870023	95.07	1086.88
6	GUIDE	921966928	8.78	2535	-0.041	0.022	0.076	0.128	54.599932	-36.625009	1761.71	-1901.11
7	GUIDE	921970112	9.56	2534	-0.057	0.013	0.150	0.224	54.291262	-35.695592	1360.87	1538.50

2.4 Star Slots

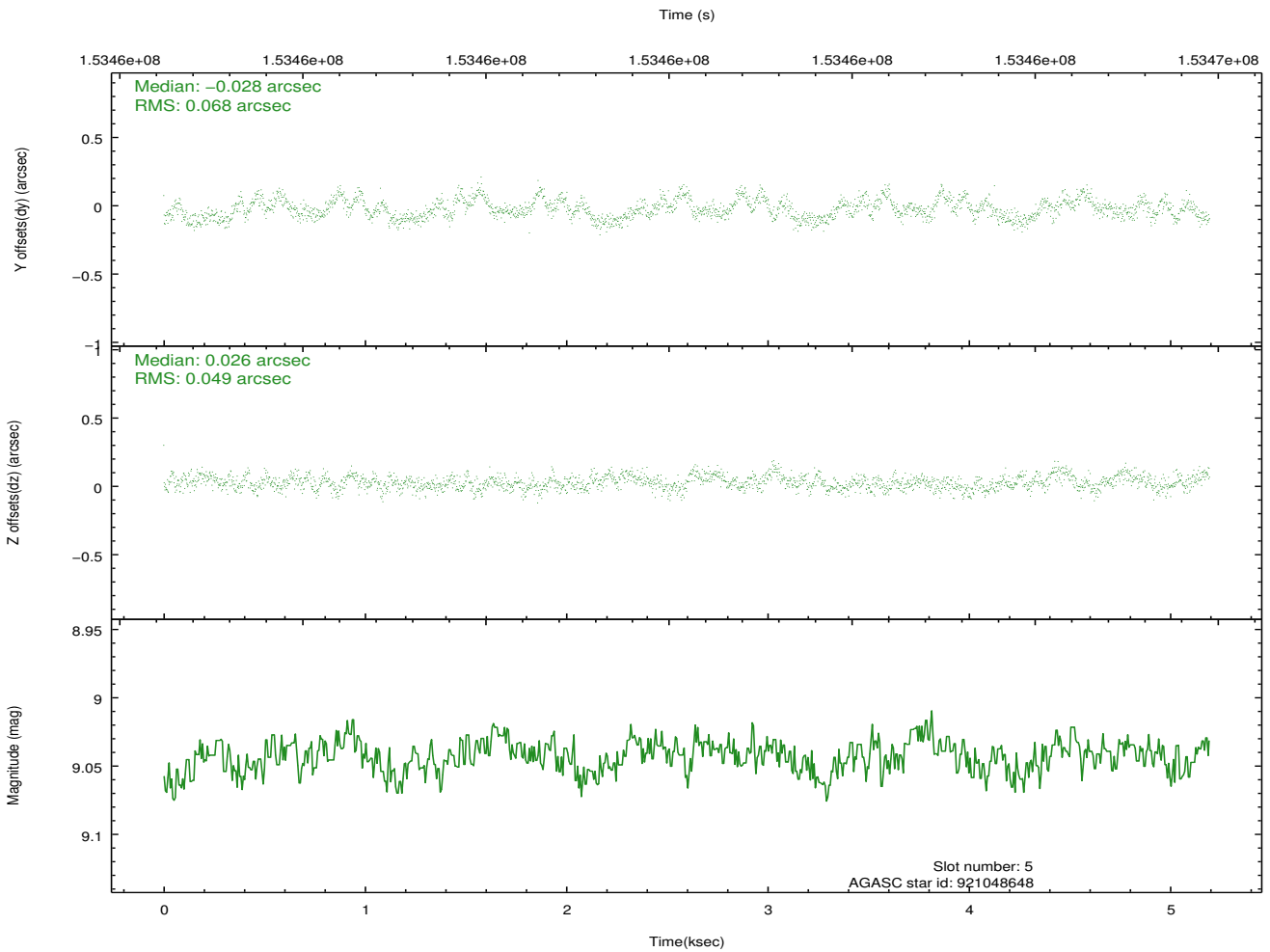
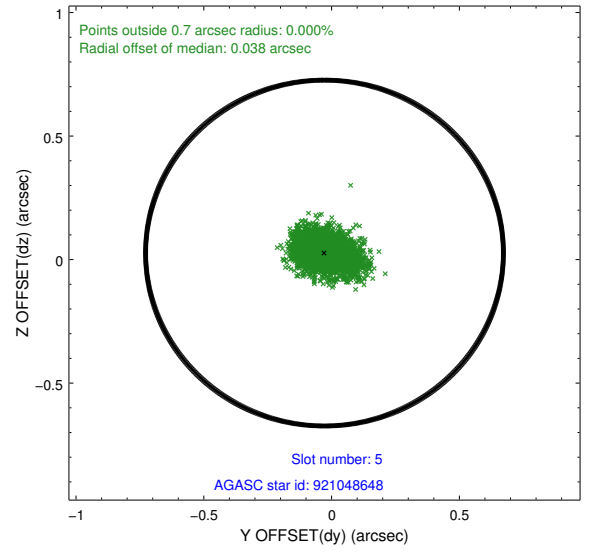
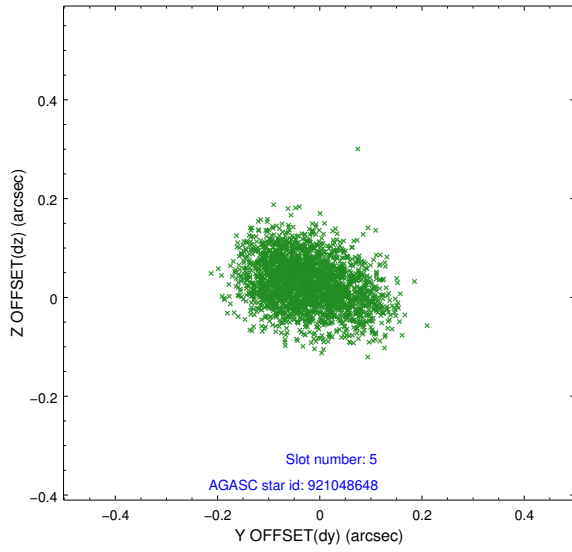
2.4.1 Slot 3



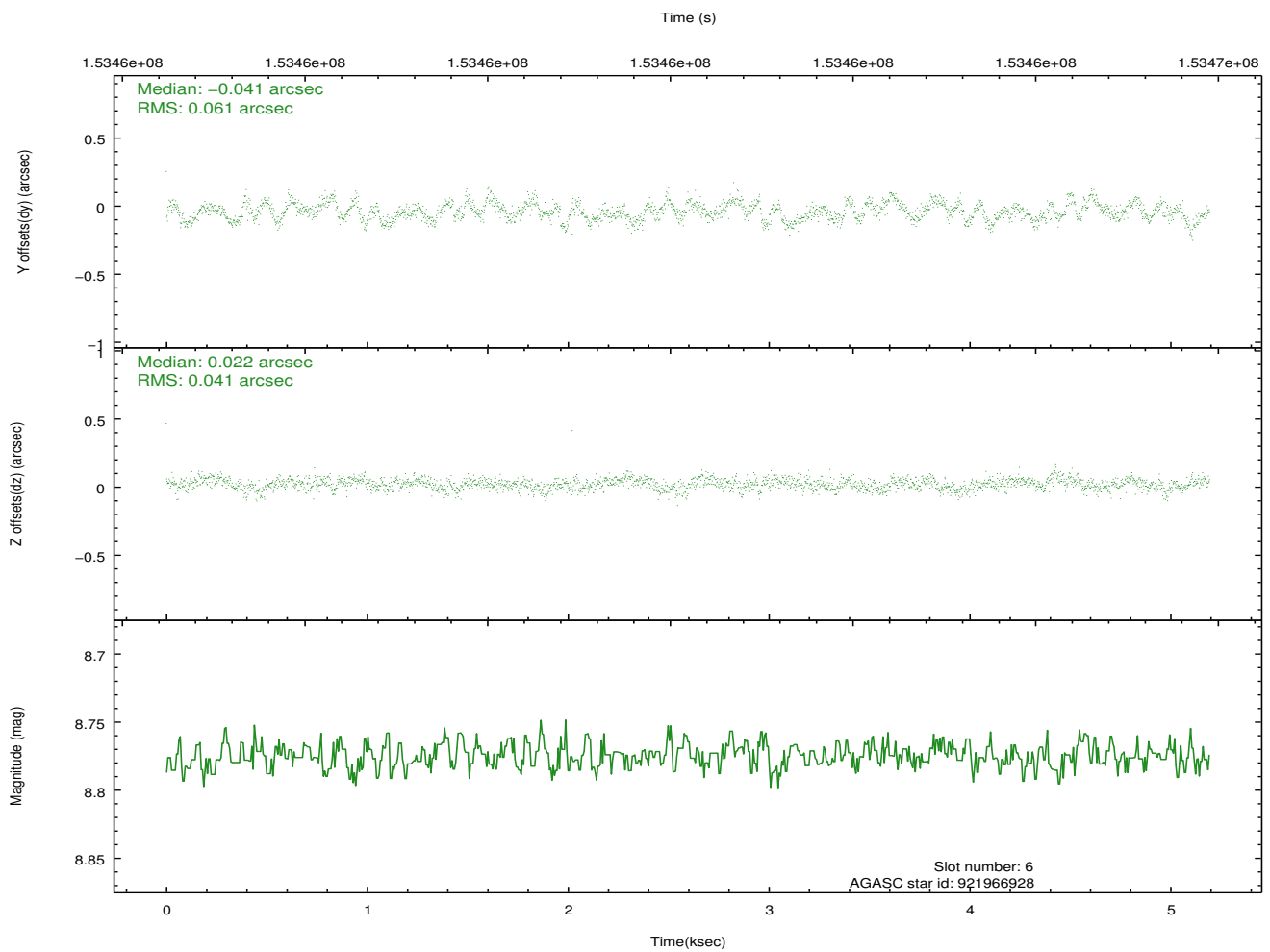
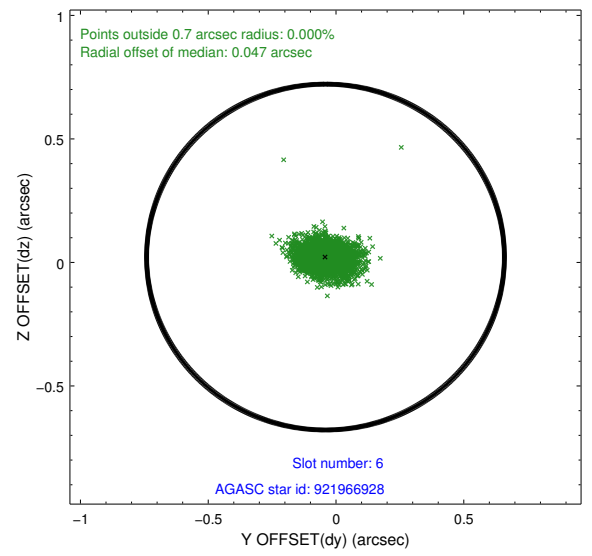
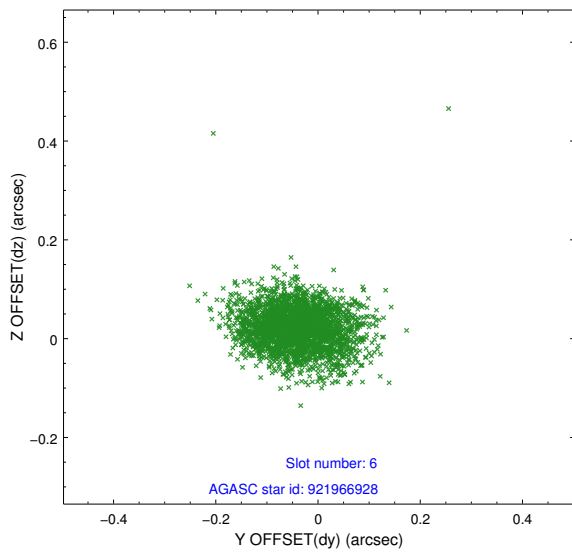
2.4.2 Slot 4



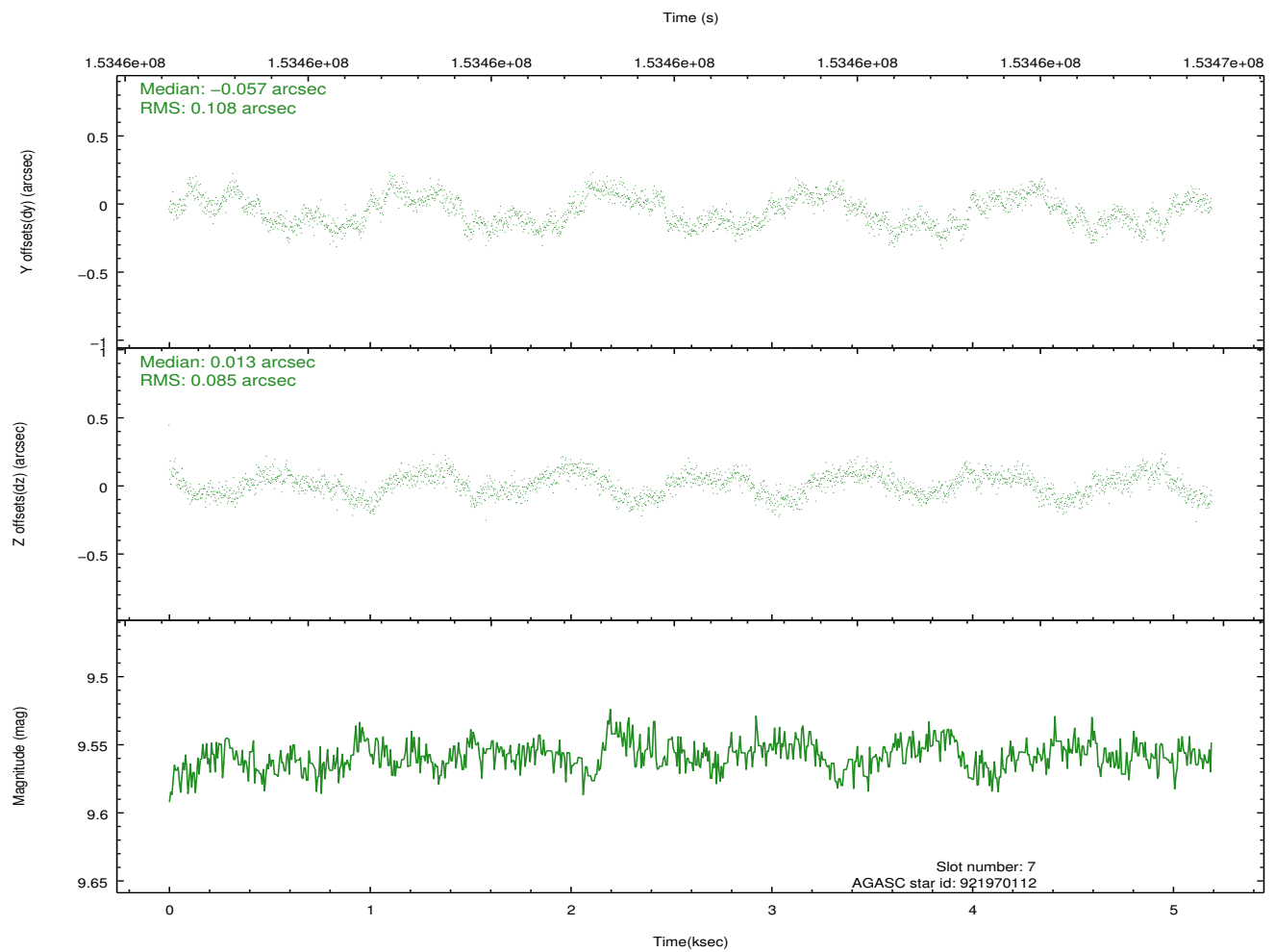
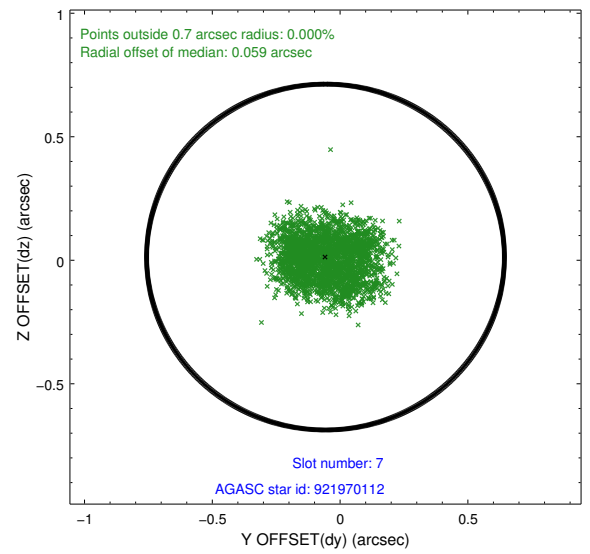
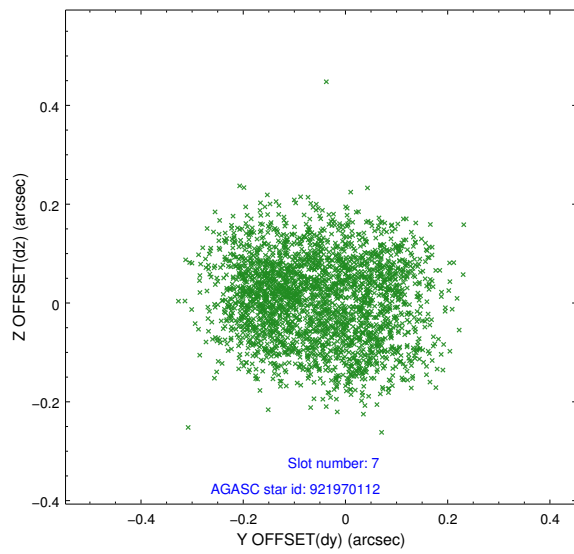
2.4.3 Slot 5



2.4.4 Slot 6

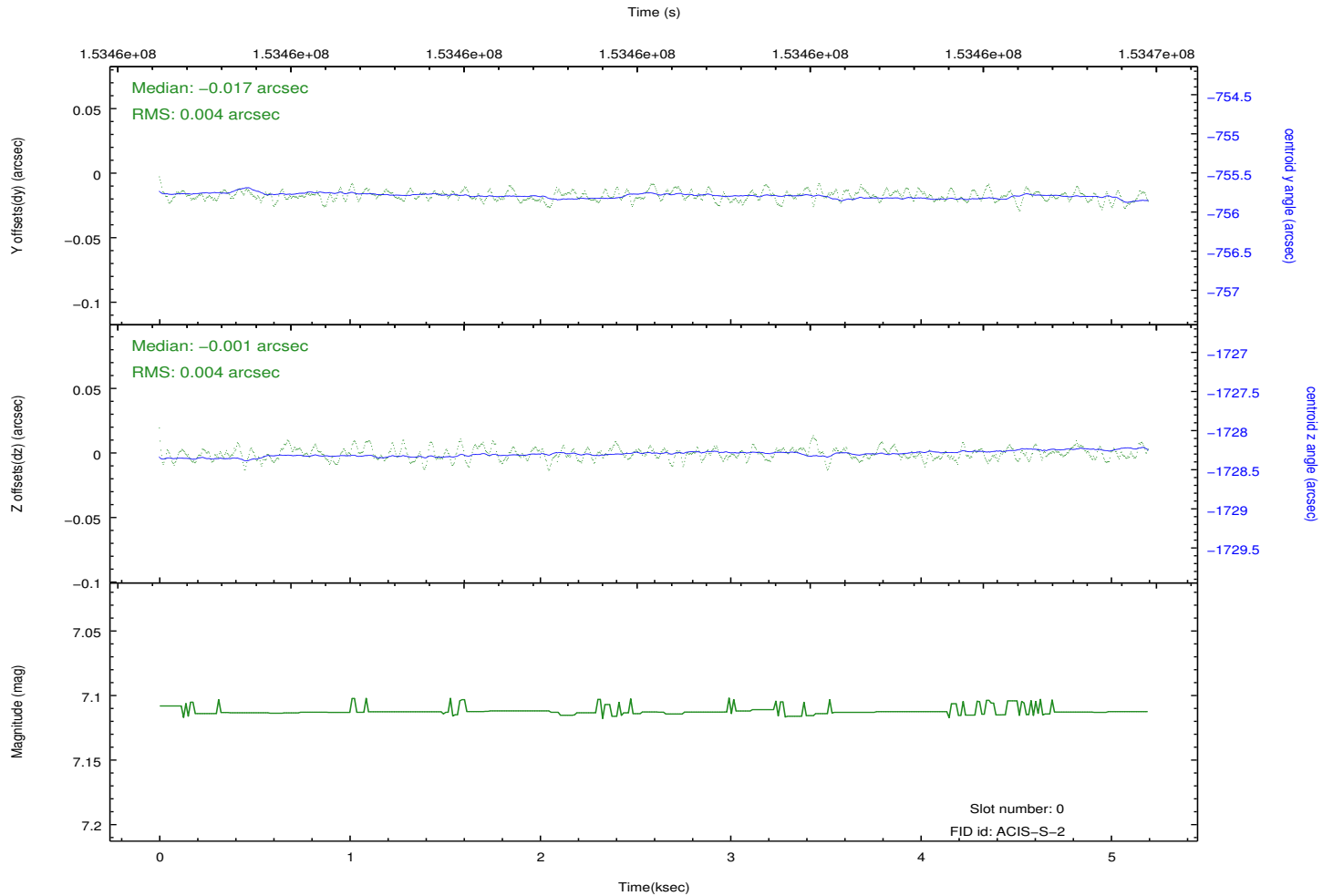
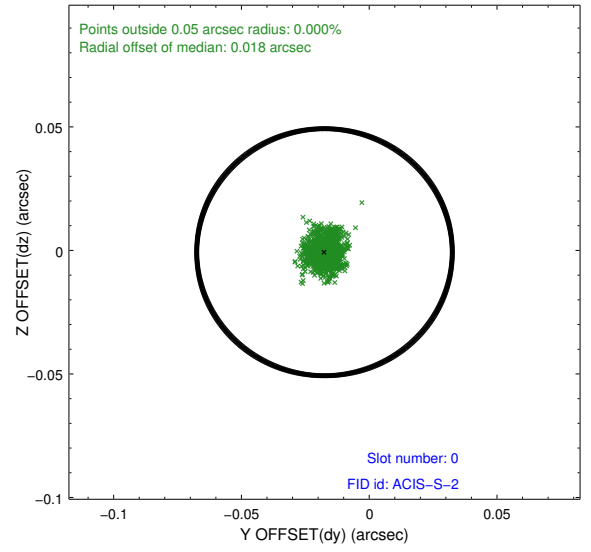
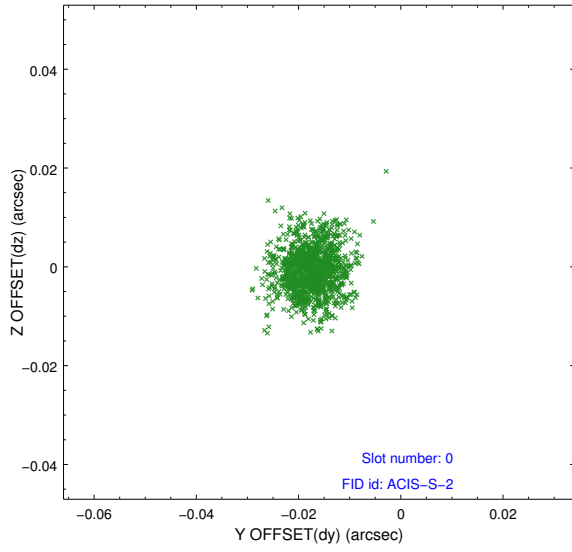


2.4.5 Slot 7

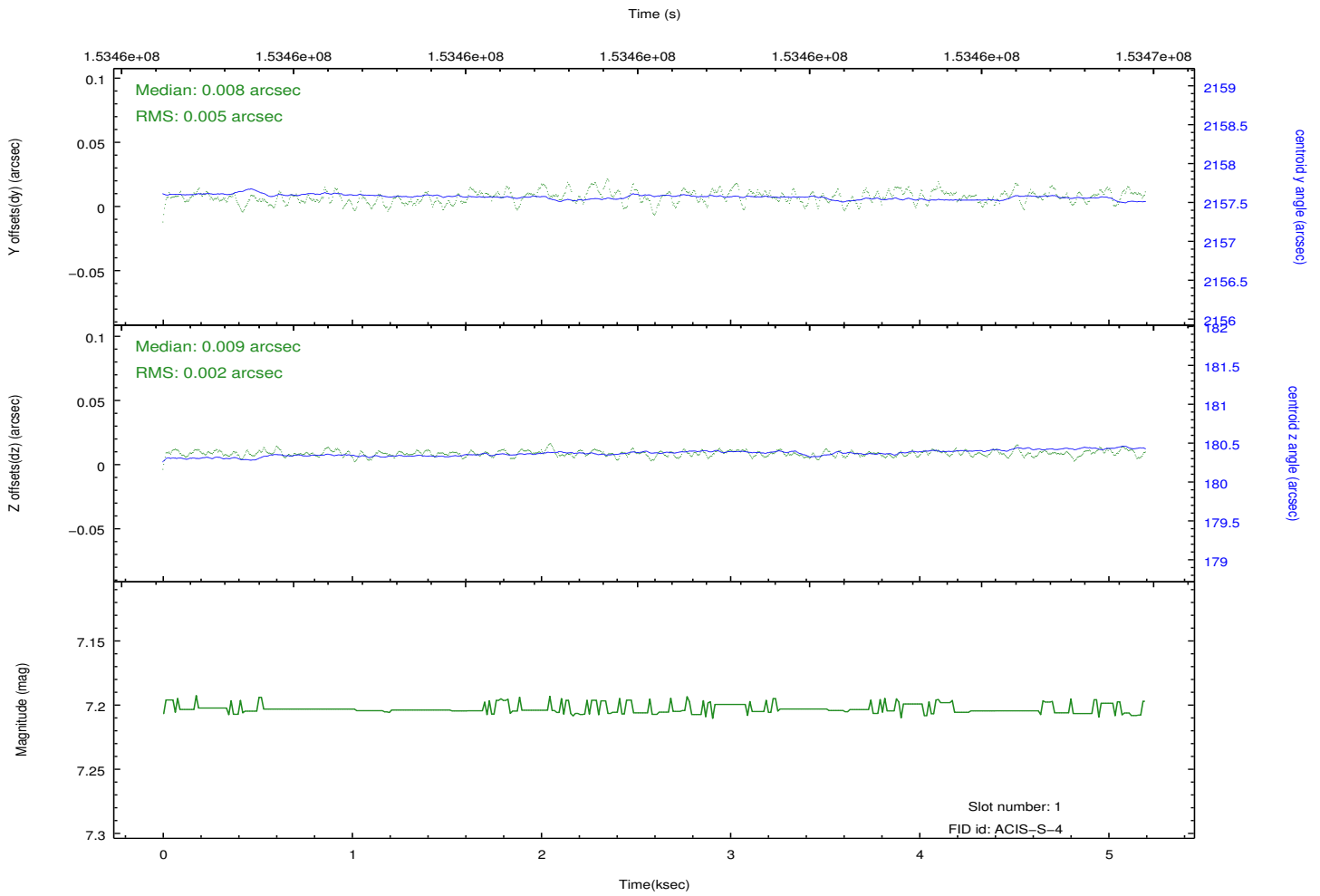
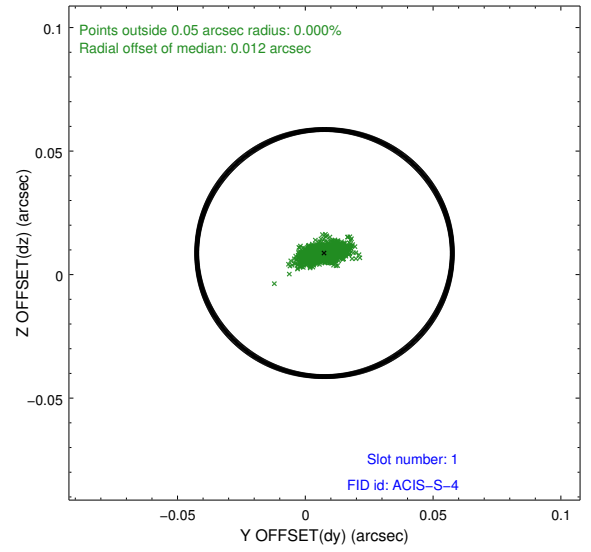
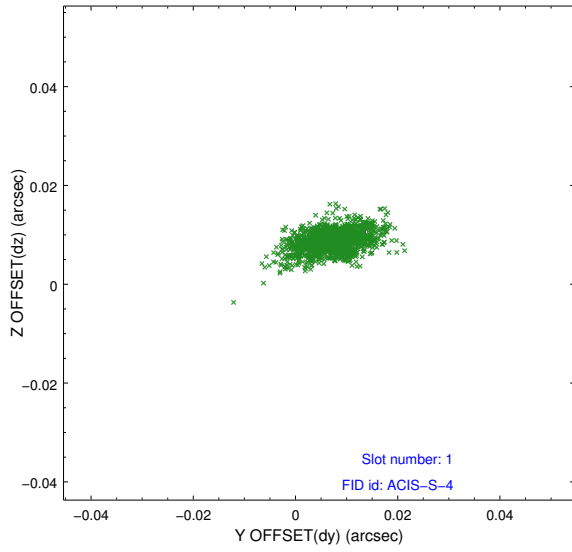


2.5 FID Slots

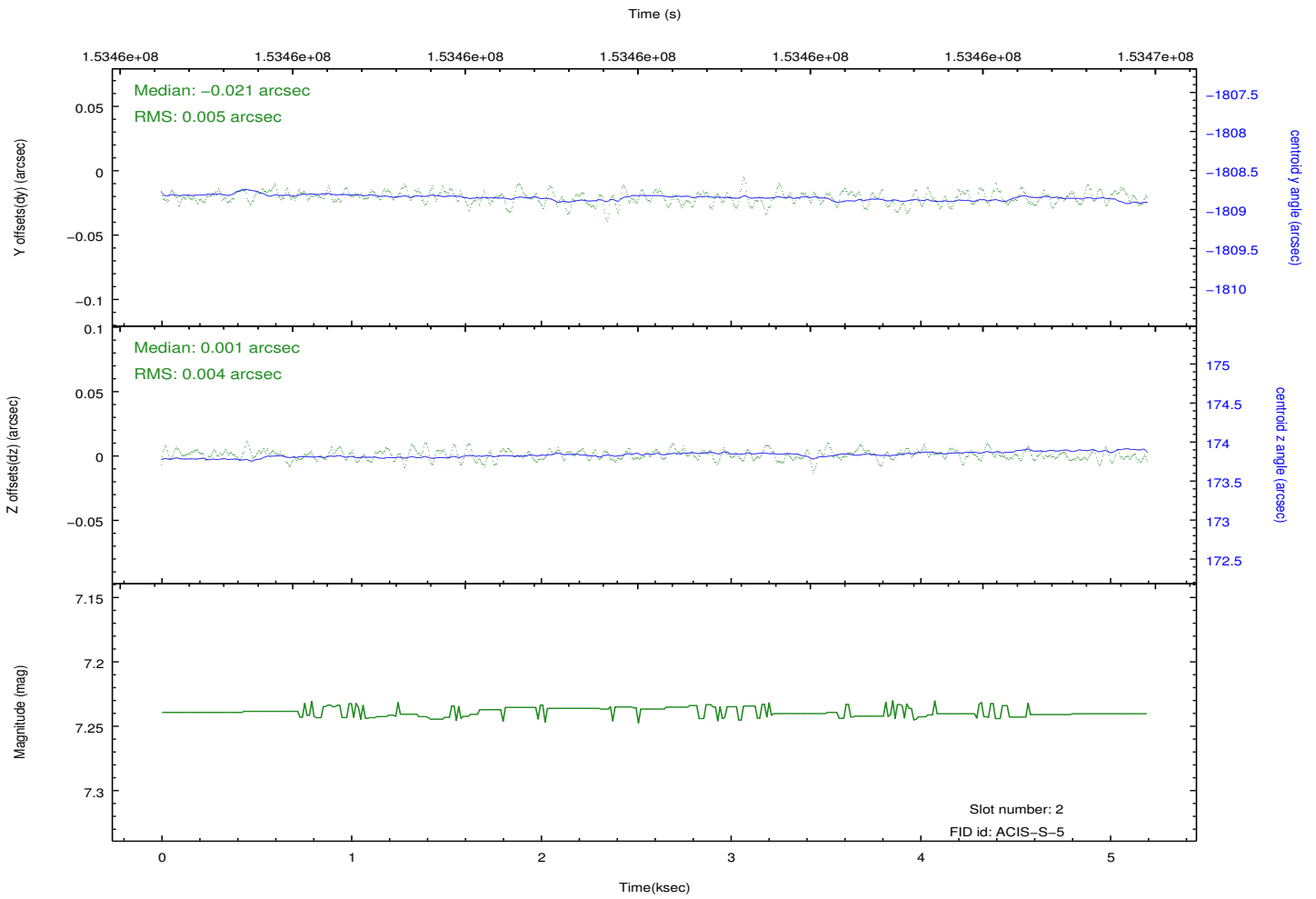
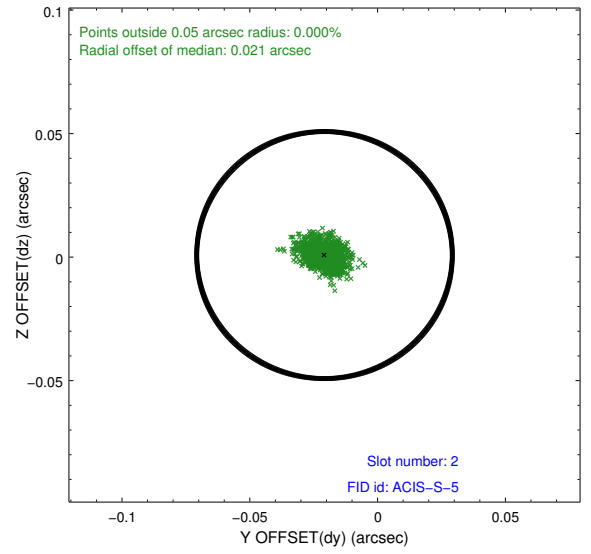
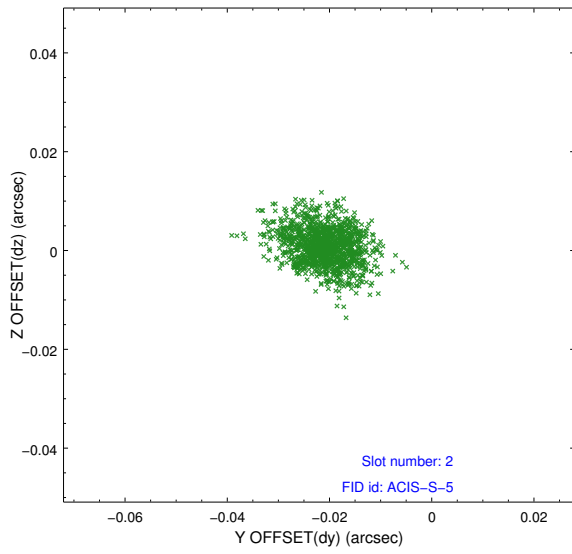
2.5.1 Slot 0



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)	2012.10.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.723

A.2 Comments

Joint Proposal: NOAO