

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 7104 - L2 Version 2
Chandra X-Ray Center

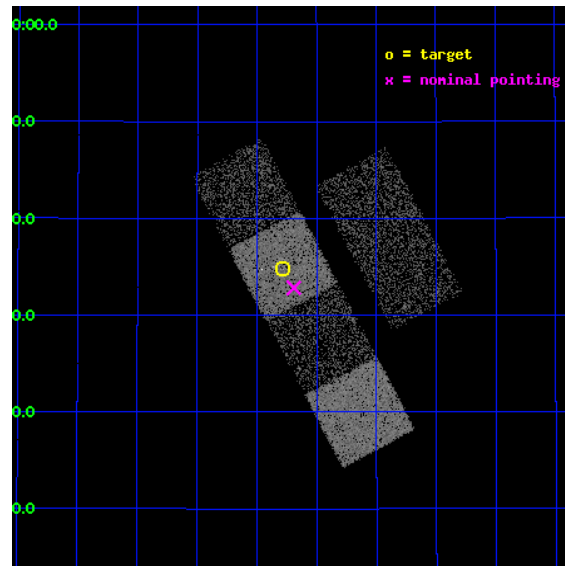
L2 Processing Date : Mar 17 2012

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1 Front

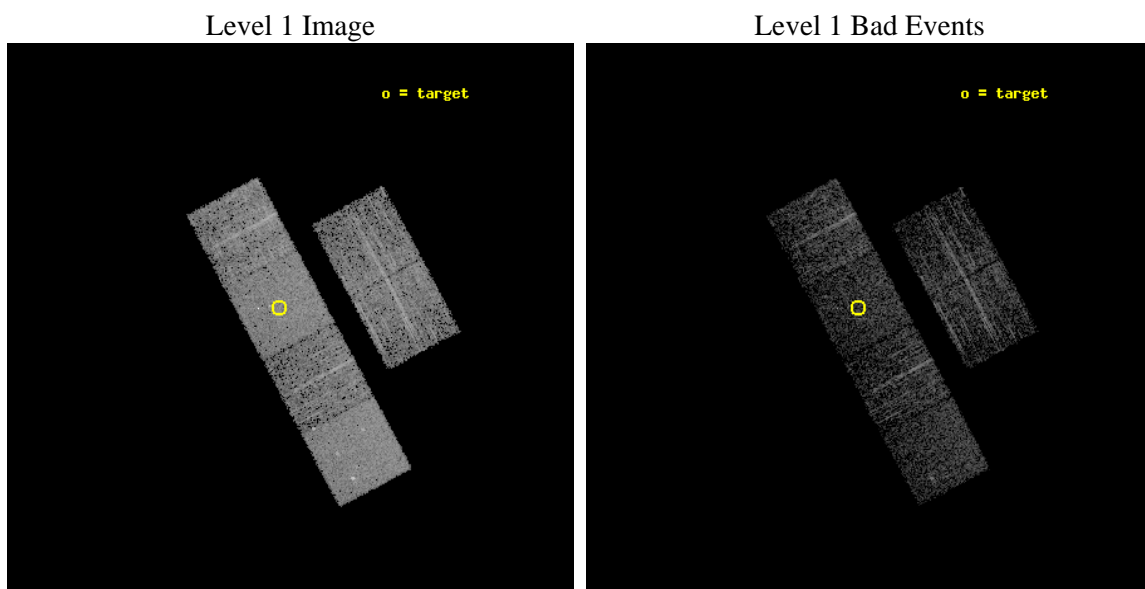
seq_num	600542	Sequence number
obs_id	7104	Observation id
title	A Complete Sample of ULX Host Galaxies	Proposal title
observer	Dr. Douglas Swartz	Principal investigator
object	NGC 0925	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	36.820417	Observer's specified target RA [deg]
dec_targ	33.579194	Observer's specified target Dec [deg]
ra_nom	36.797542359193	Nominal RA [deg]
dec_nom	33.547193737355	Nominal Dec [deg]
roll_nom	241.90760014177	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2271.9999915361	Sum of GTIs [s]
livetime	2243.2305596092	Livetime [s]
ontime2	2271.9999915361	Sum of GTIs [s]
ontime3	2271.9999915361	Sum of GTIs [s]
ontime5	2271.9999915361	Sum of GTIs [s]
ontime6	2271.9999915361	Sum of GTIs [s]
ontime7	2271.9999915361	Sum of GTIs [s]
ontime8	2271.9999915361	Sum of GTIs [s]
l2events	29993	Number of level 2 events



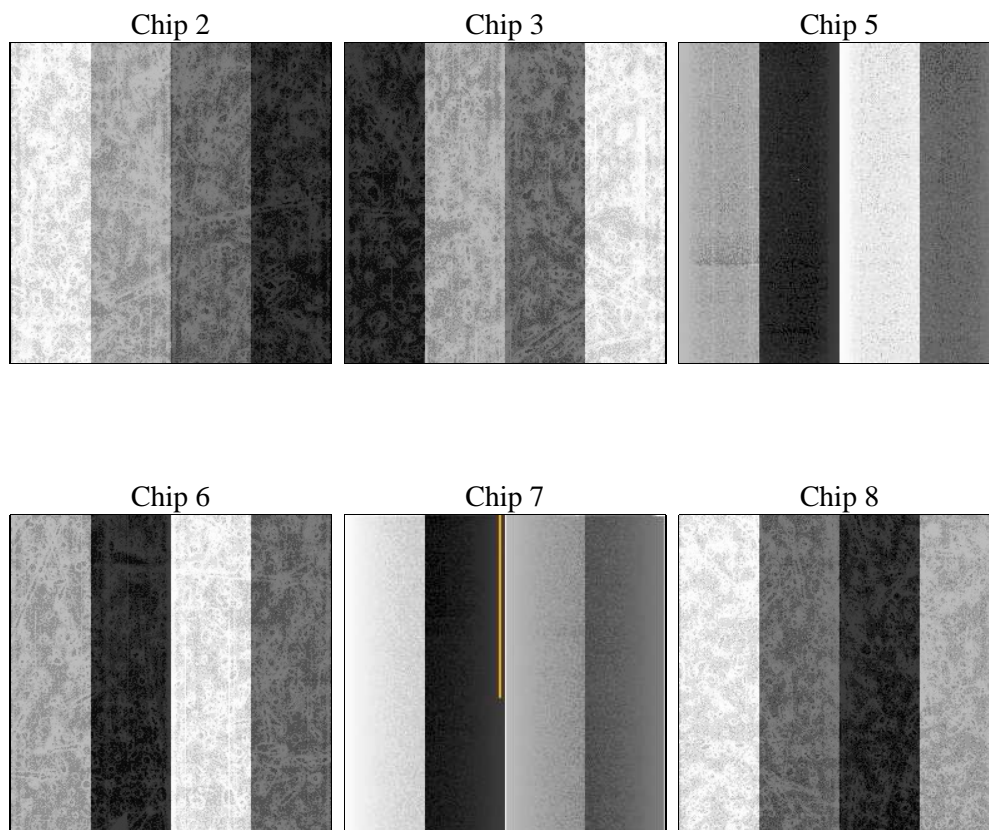
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	2320.000000	[s] Scheduled observation exposure time
ascdsver	8.4.3.1	Processing system revision	ontime	2271.9999915361	Sum of GTIs [s]
caldsver	4.4.8	 	ontime2	2271.9999915361	Sum of GTIs [s]
date	2012-03-17T15:19:53	Date and time of file creation	ontime3	2271.9999915361	Sum of GTIs [s]
revision	2	Processing version of data	ontime5	2271.9999915361	Sum of GTIs [s]
			ontime6	2271.9999915361	Sum of GTIs [s]
			ontime7	2271.9999915361	Sum of GTIs [s]
			ontime8	2271.9999915361	Sum of GTIs [s]
			l1events	131980	Number of level 1 events

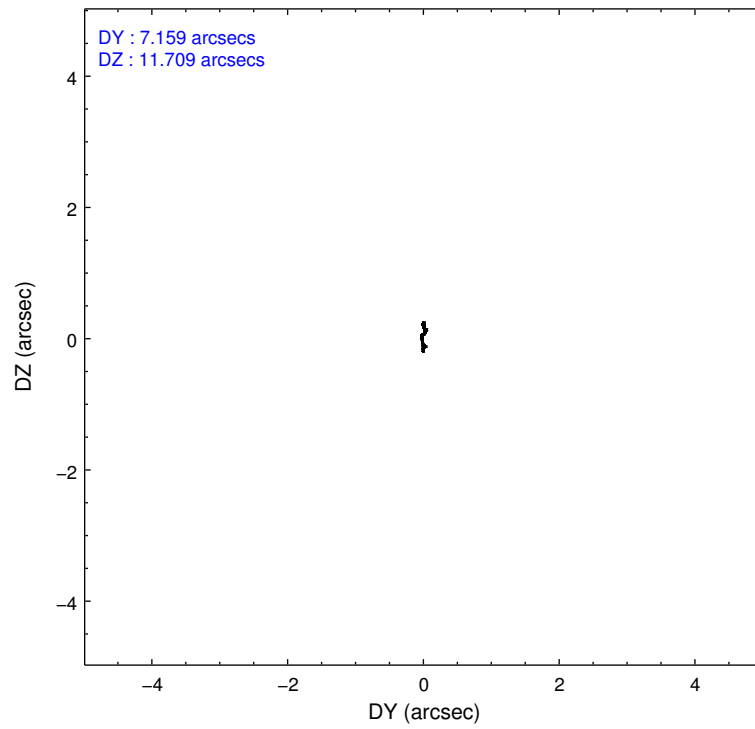
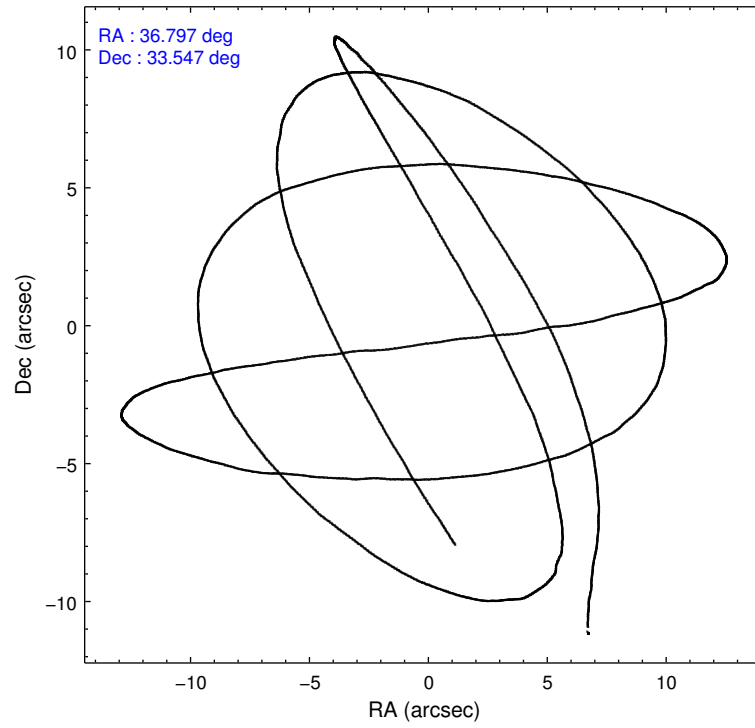
2.1.4 Events

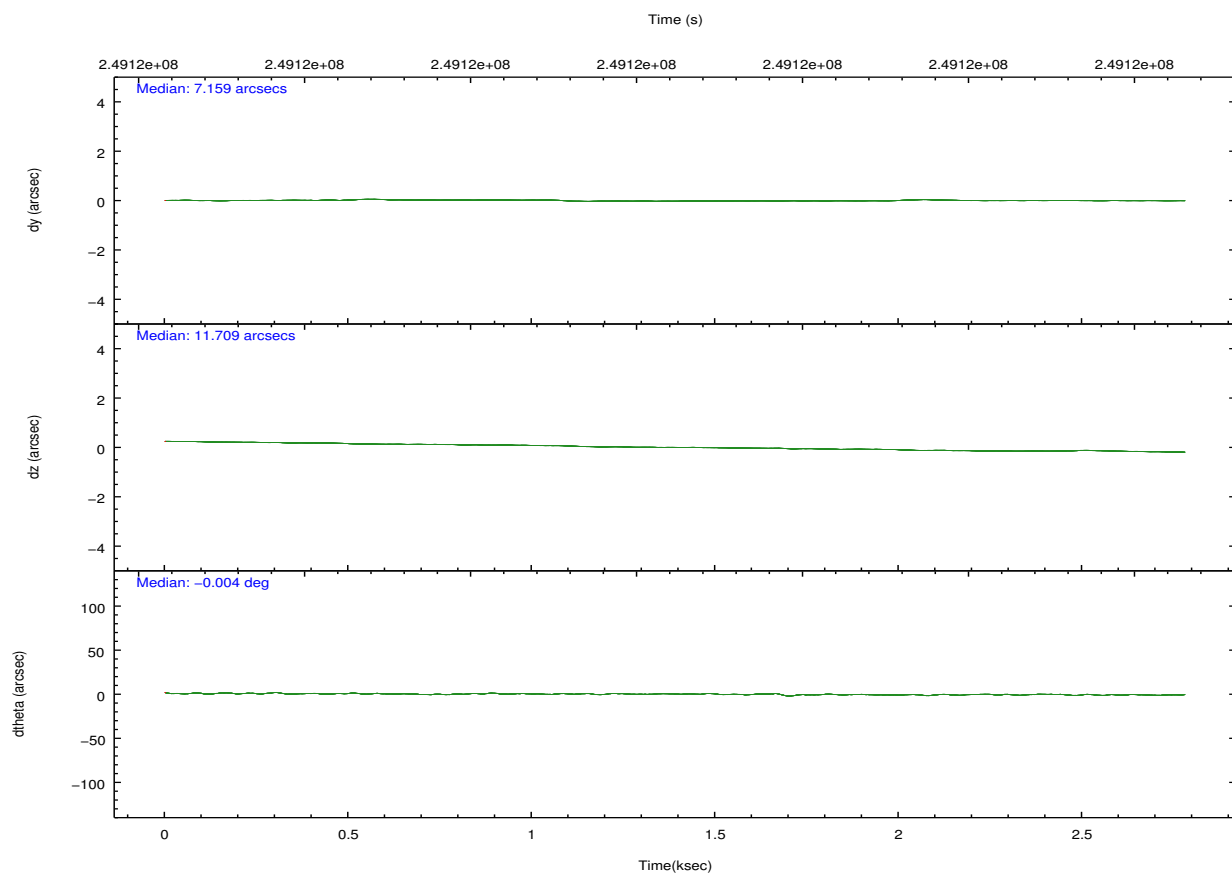
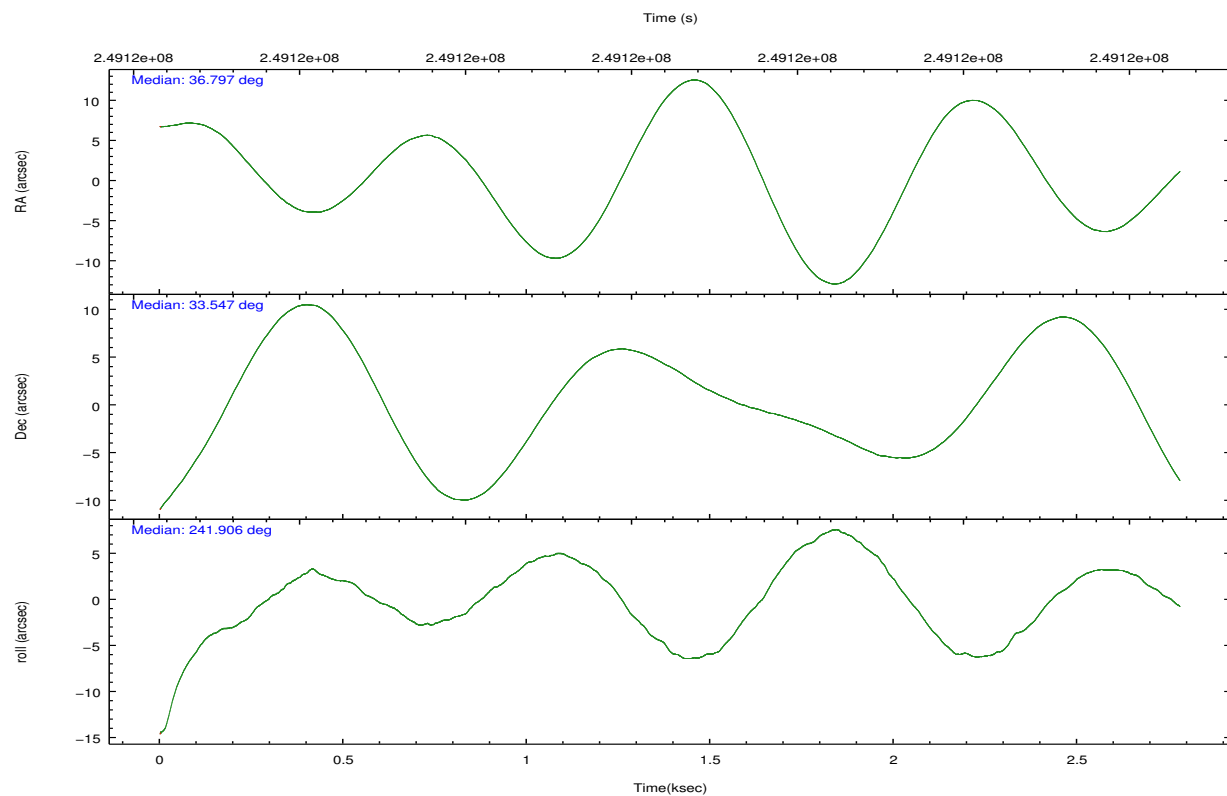
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8		ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	19850	17550	27782	17866	25456	23476	grade 0 events	920	907	1246	836	1055	1510
rejected events	17738	15409	15000	15715	14678	18705		4%	5%	4%	4%	4%	6%
rejected %	89%	87%	53%	87%	57%	79%	grade 1 events	17	15	49	7	18	24
								0%	0%	0%	0%	0%	0%
							grade 2 events	444	405	3893	452	2267	1081
								2%	2%	14%	2%	8%	4%
							grade 3 events	204	203	491	222	956	469
								1%	1%	1%	1%	3%	1%
							grade 4 events	191	233	492	184	939	399
								0%	1%	1%	1%	3%	1%
							grade 5 events	695	856	2046	858	2372	1119
								3%	4%	7%	4%	9%	4%
							grade 6 events	362	406	6689	468	5587	1330
								1%	2%	24%	2%	21%	5%
							grade 7 events	17017	14525	12876	14839	12262	17544
								85%	82%	46%	83%	48%	74%

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	36.795899	36.79754235919318	Subarray requested	NONE	NONE
[deg] Pointing Dec	33.574278	33.54719373735535	Alternating exposures requested	N	N
[deg] Pointing Roll	241.751893	241.9076001417657	[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)	249120687.184000	249119589.6489			
Observation start date	2005-11-23T08:10:23	2005-11-23T07:53:09			
[s] Observation end time (MET)	249123007.184000	249123425.19908			
Observation end date	2005-11-23T08:49:03	2005-11-23T08:57:05			
Read mode	TIMED	TIMED			

2.3 Aspect



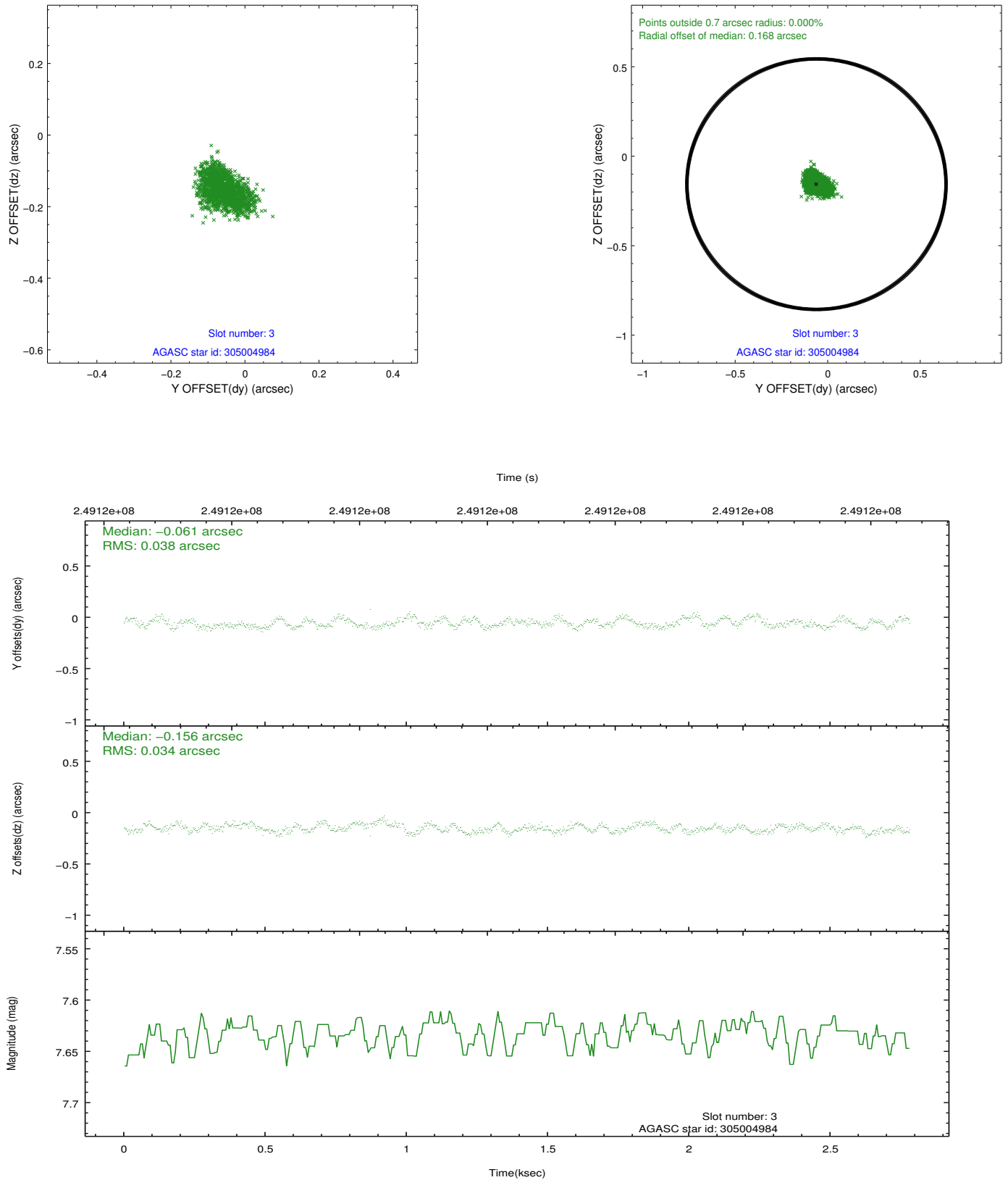


Slot Statistics

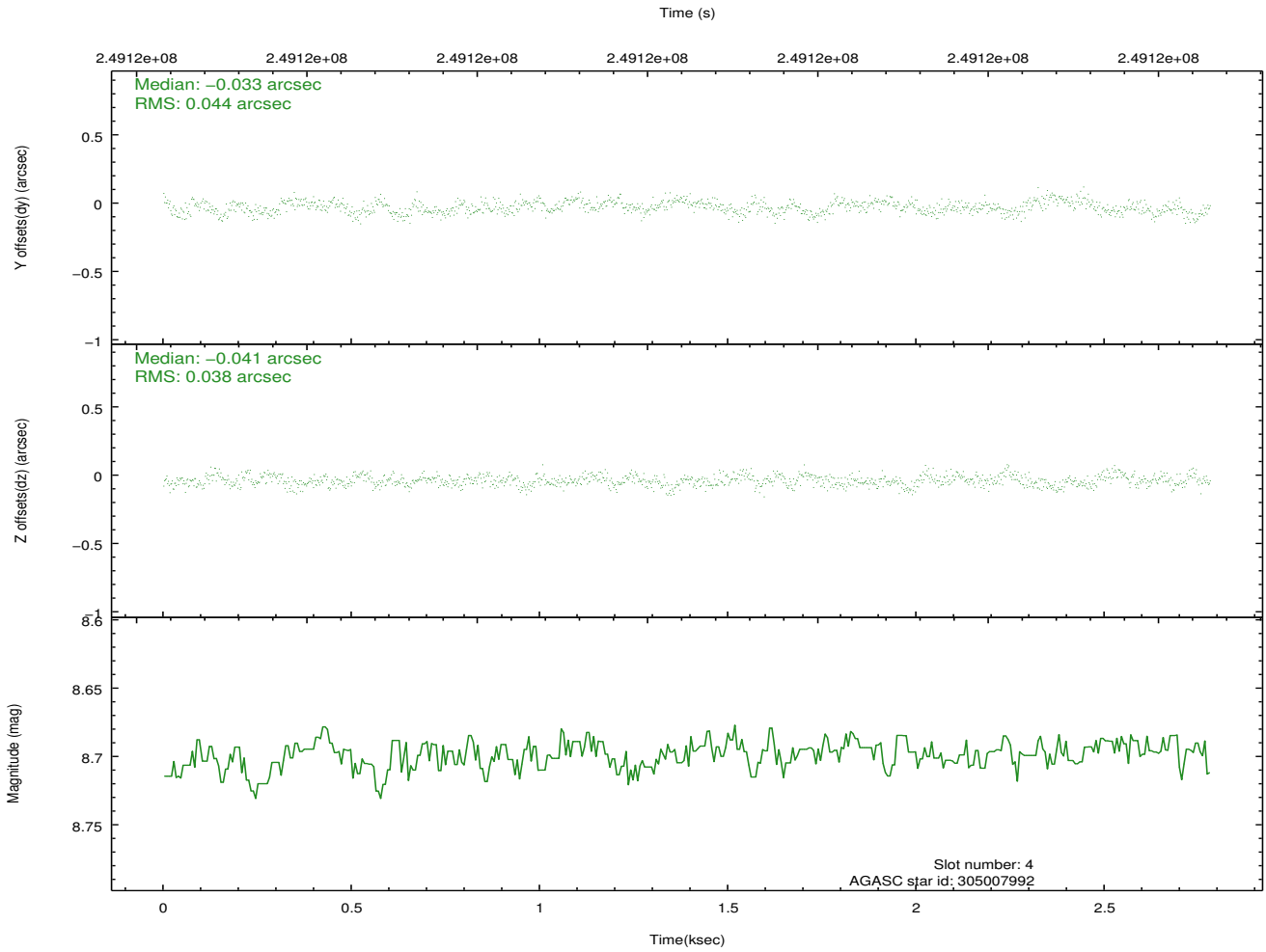
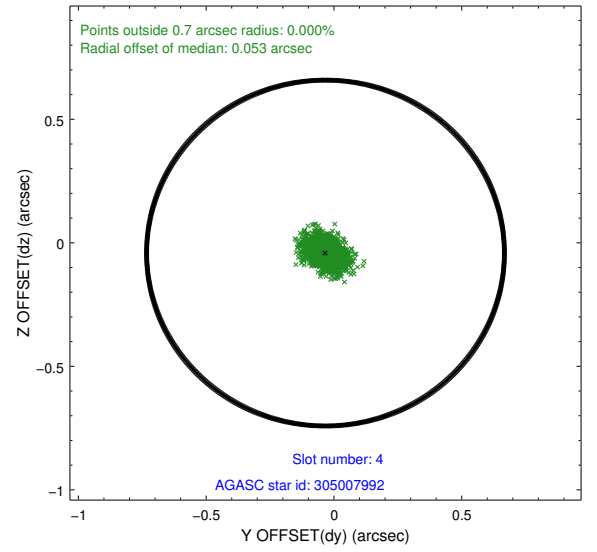
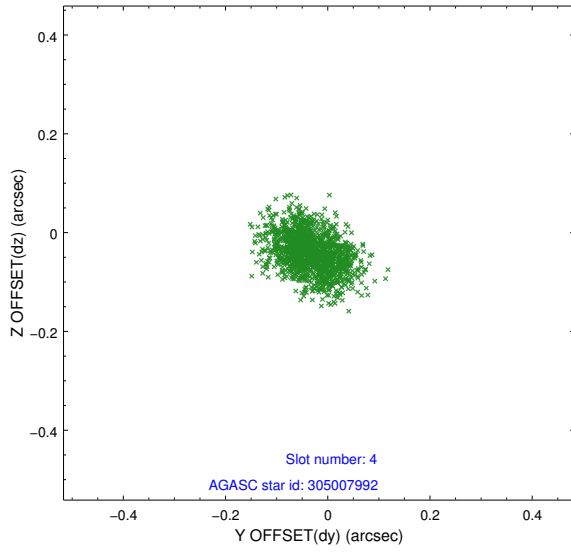
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	679	-0.037	-0.027	0.008	0.013	0.000000	0.000000	-759.94	-1732.99
1	FID	ACIS-S-4	7.20	679	0.083	0.025	0.006	0.010	0.000000	0.000000	2152.39	173.17
2	FID	ACIS-S-5	7.23	678	-0.077	0.011	0.008	0.015	0.000000	0.000000	-1809.86	169.43
3	GUIDE	305004984	7.63	1352	-0.061	-0.156	0.055	0.085	37.558257	33.498591	-850.07	2140.92
4	GUIDE	305007992	8.70	1356	-0.033	-0.041	0.062	0.101	37.225986	33.704025	-1023.60	914.05
5	GUIDE	305016912	8.64	1355	0.059	0.081	0.055	0.087	36.784615	32.877002	2227.25	1159.01
6	GUIDE	305019816	8.73	1357	0.044	-0.040	0.088	0.137	37.530455	33.406494	-517.40	2227.84
7	GUIDE	305535352	7.36	1356	-0.014	0.151	0.051	0.079	37.062178	34.195534	-2346.20	-358.76

2.4 Star Slots

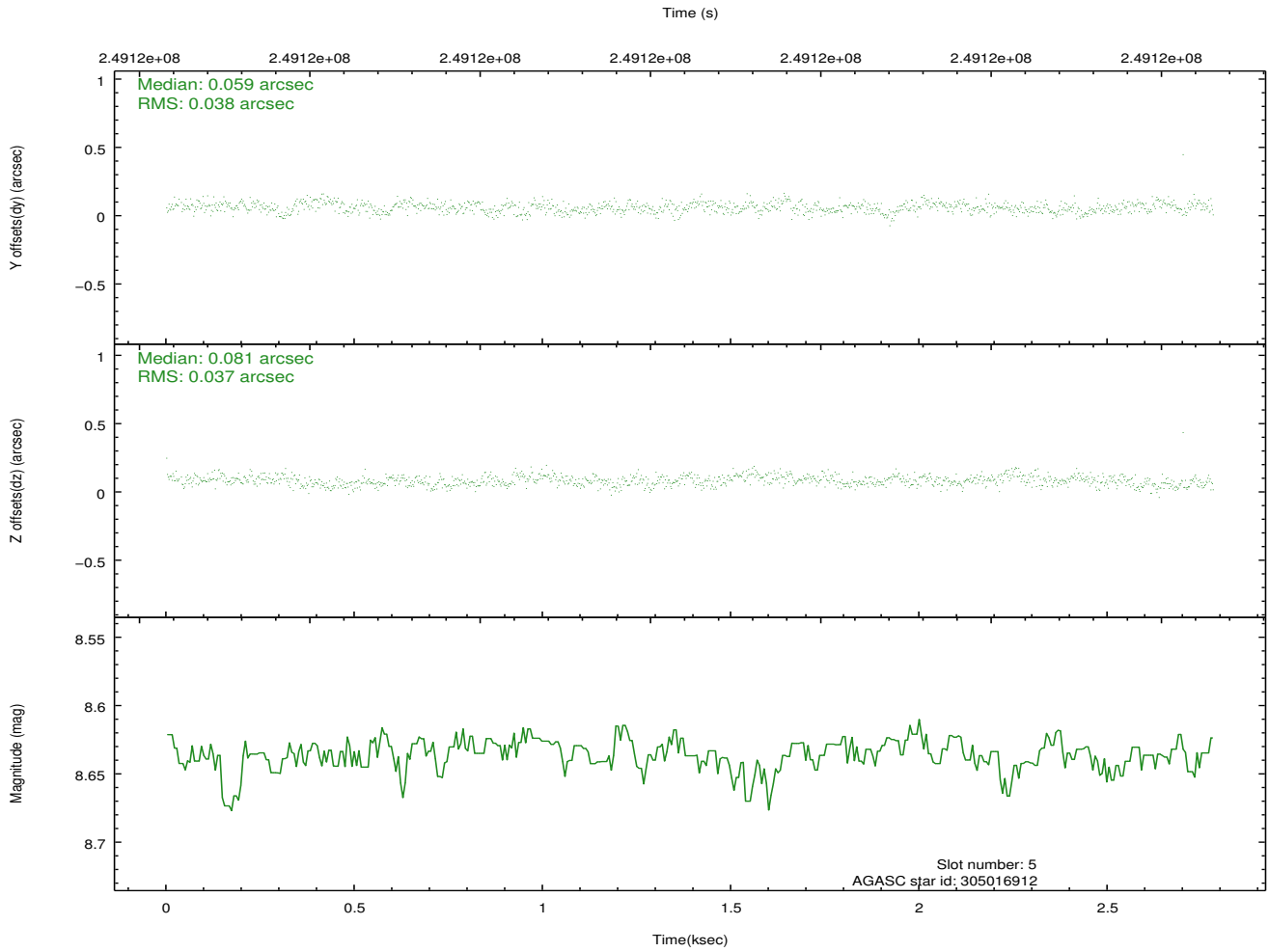
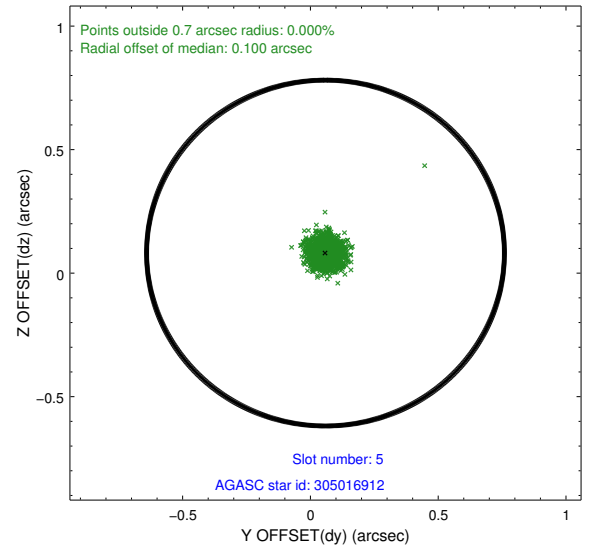
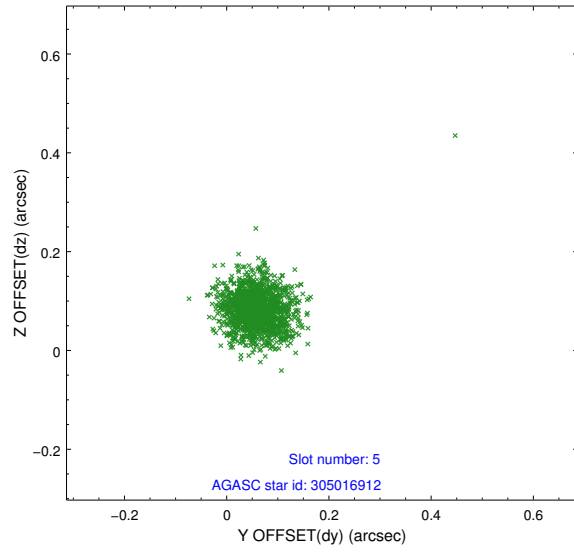
2.4.1 Slot 3



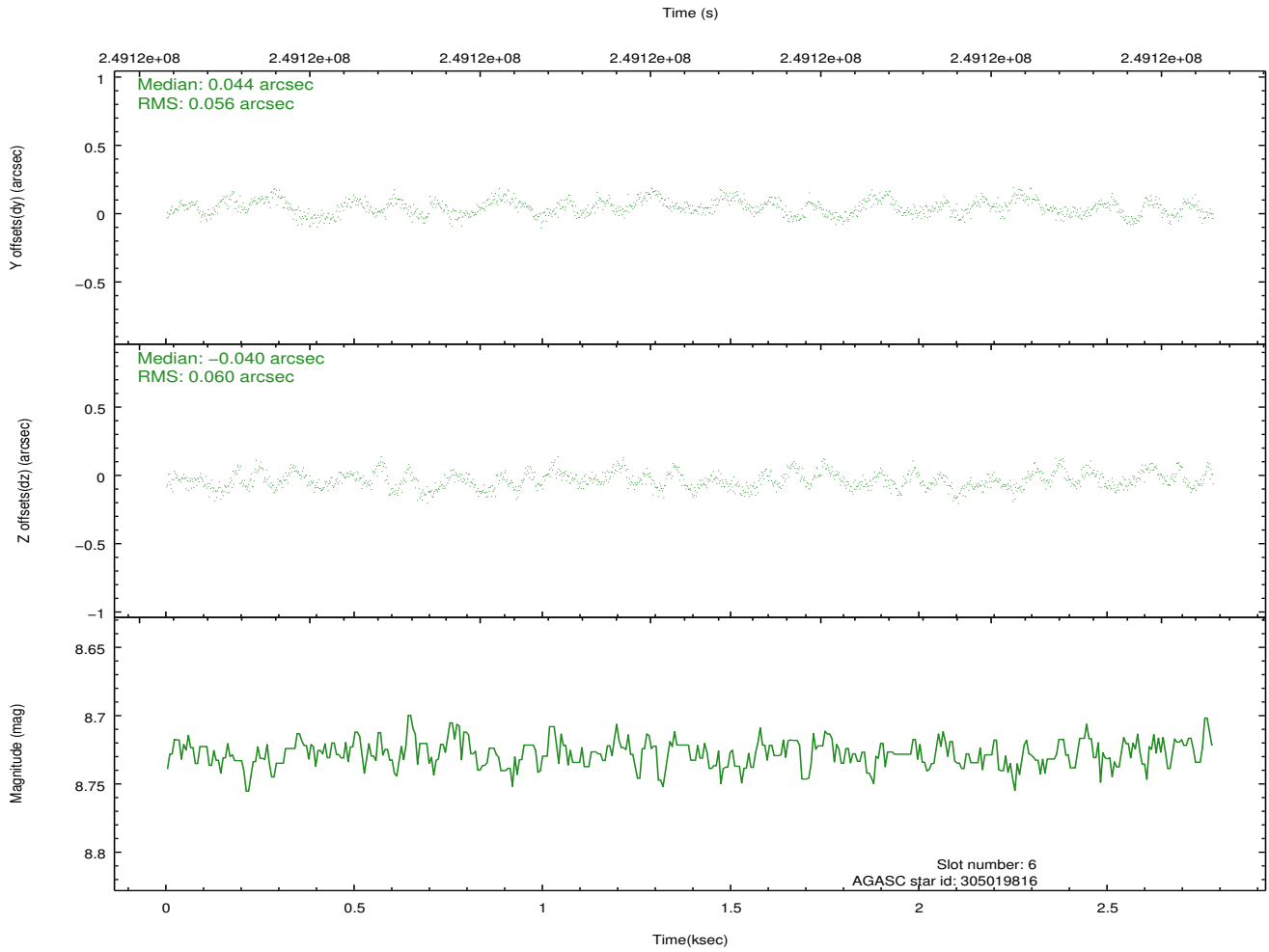
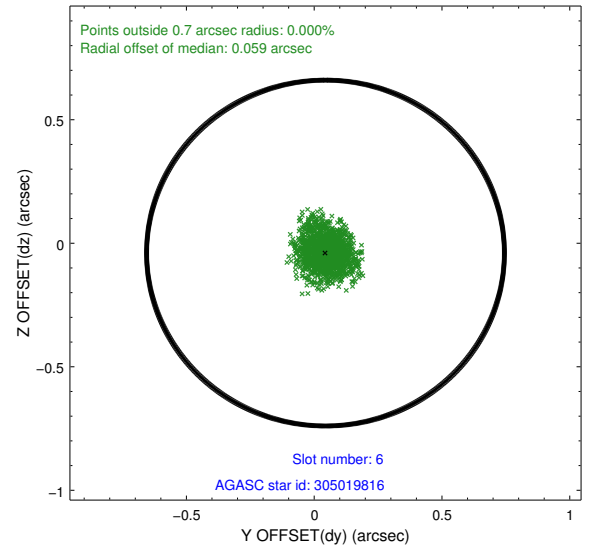
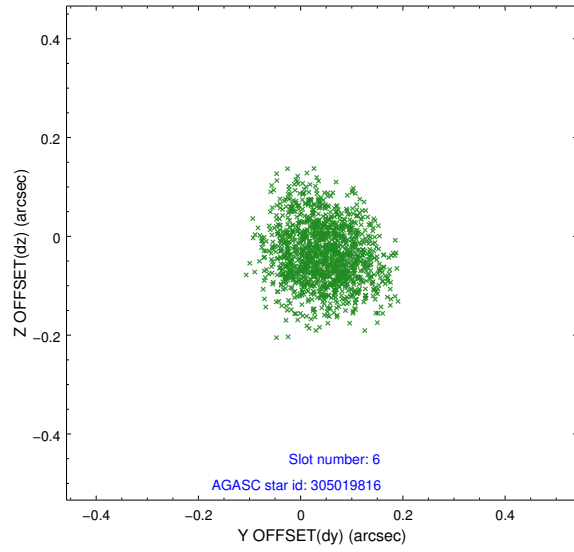
2.4.2 Slot 4



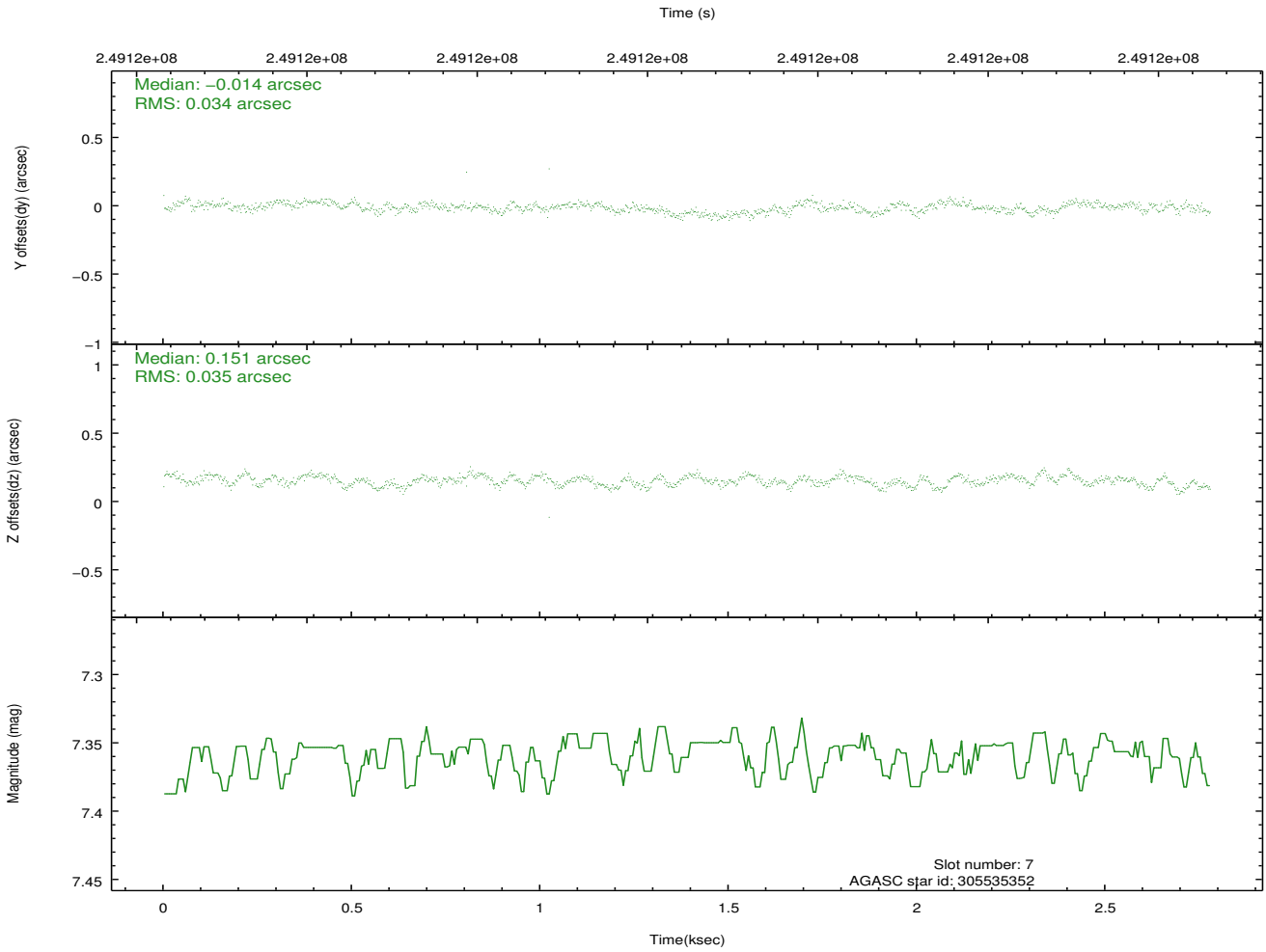
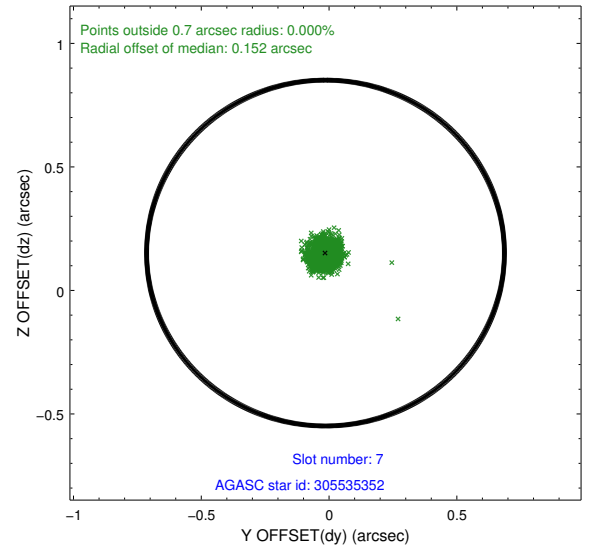
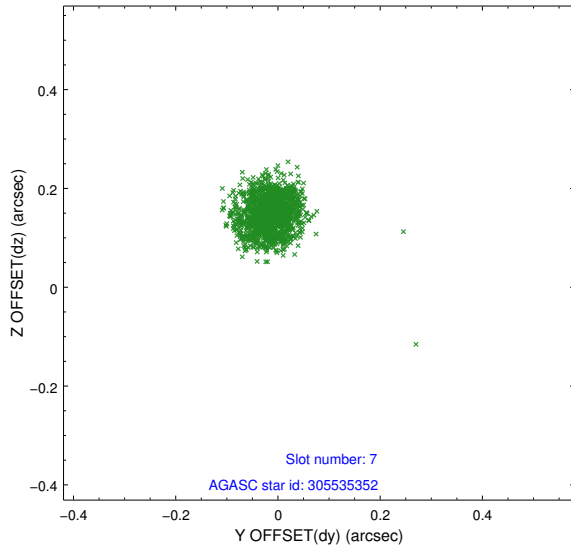
2.4.3 Slot 5



2.4.4 Slot 6

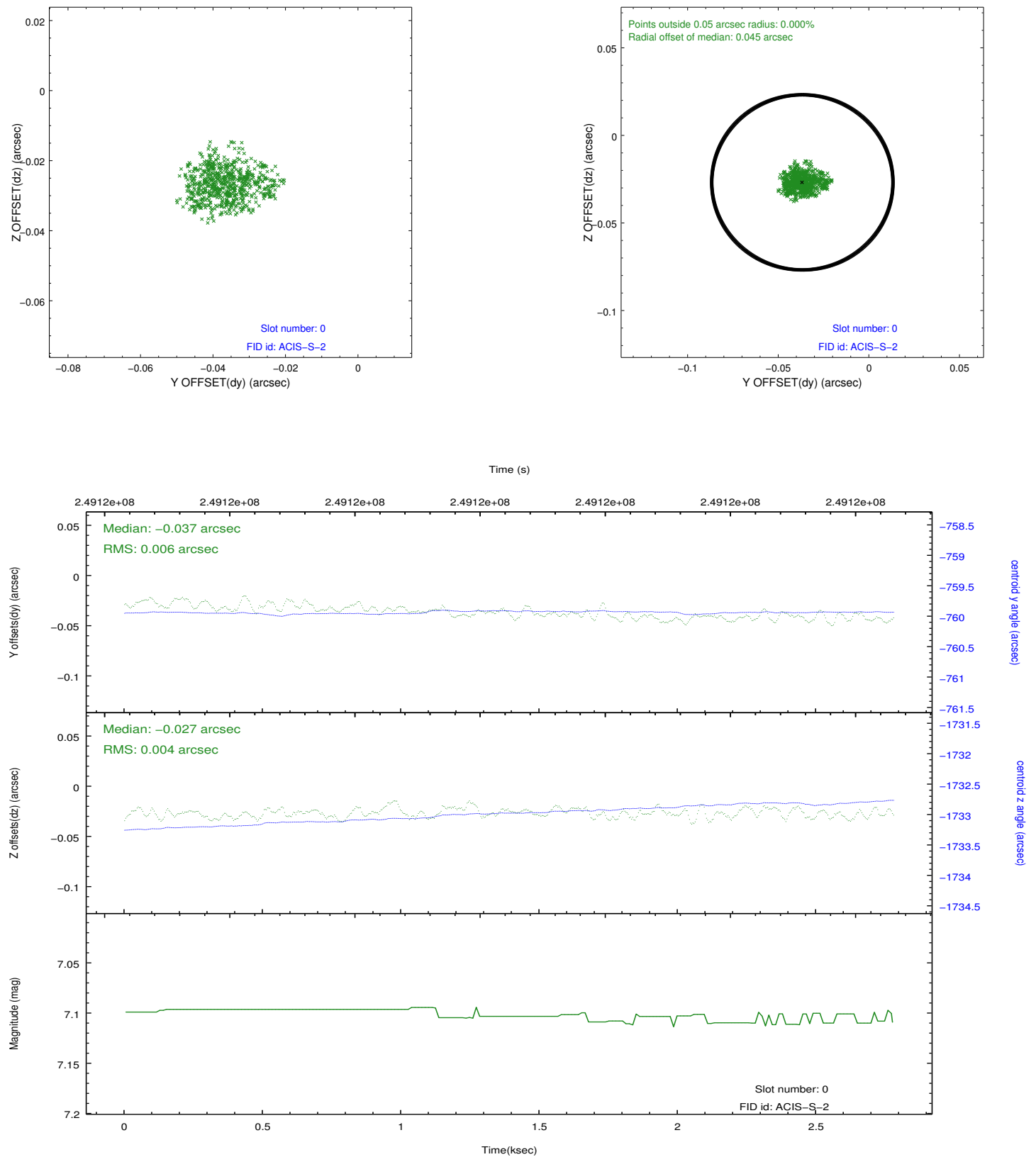


2.4.5 Slot 7

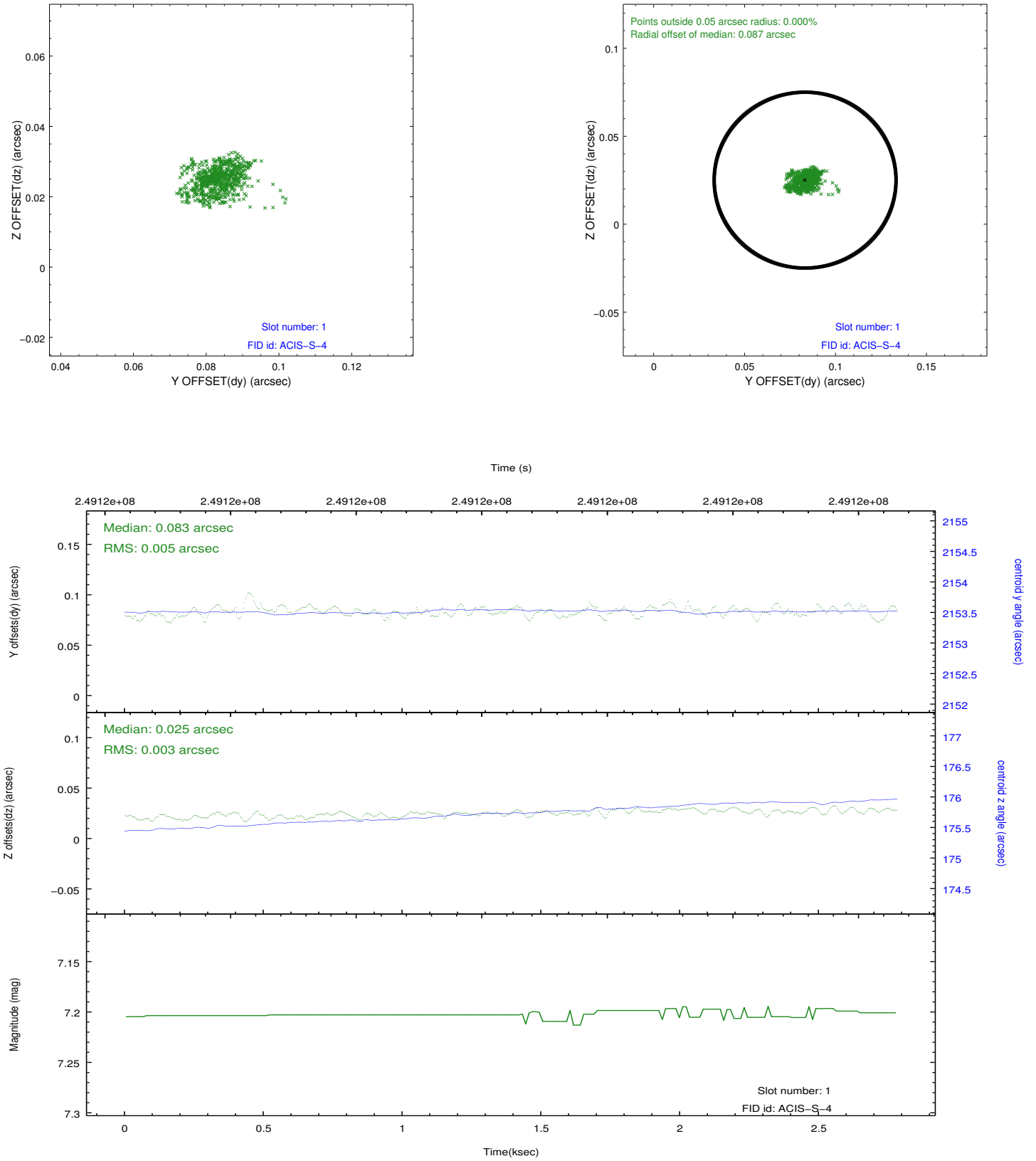


2.5 FID Slots

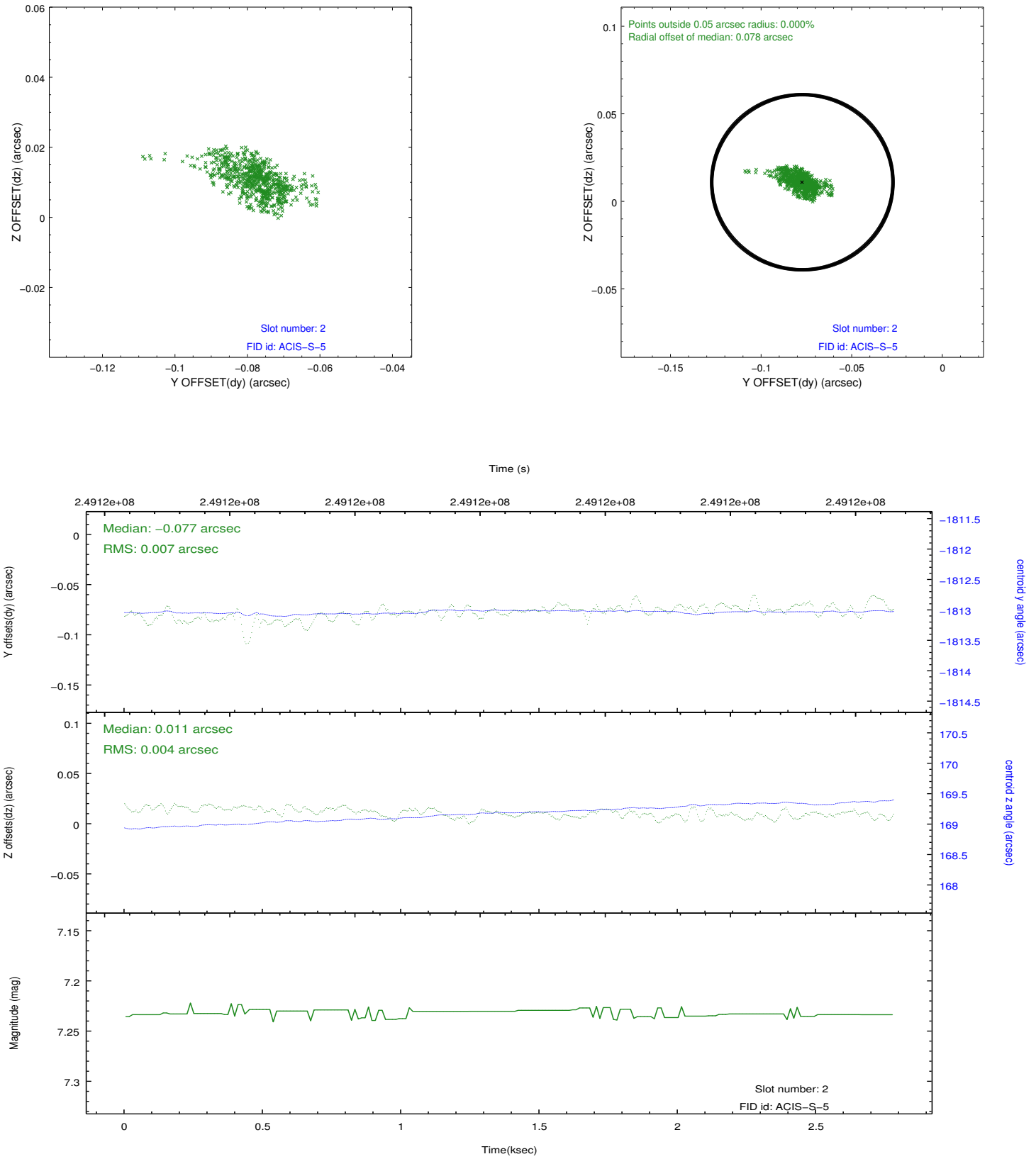
2.5.1 Slot 0



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)	2012.03.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.271999

A.2 Comments