

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11655 - L2 Version 2
Chandra X-Ray Center

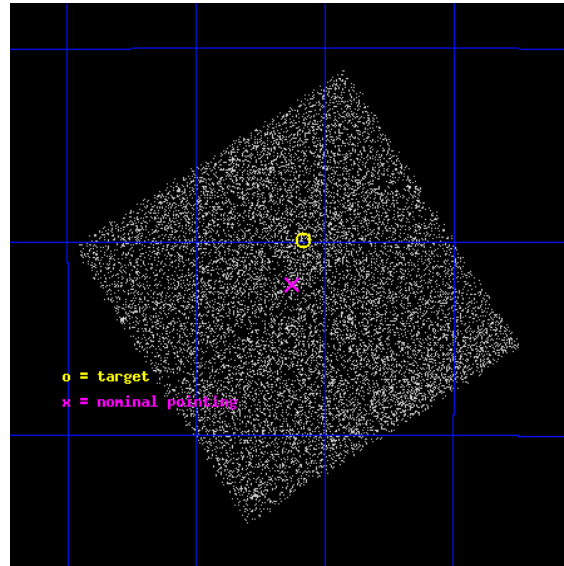
L2 Processing Date : Jun 13 2012

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1 Front

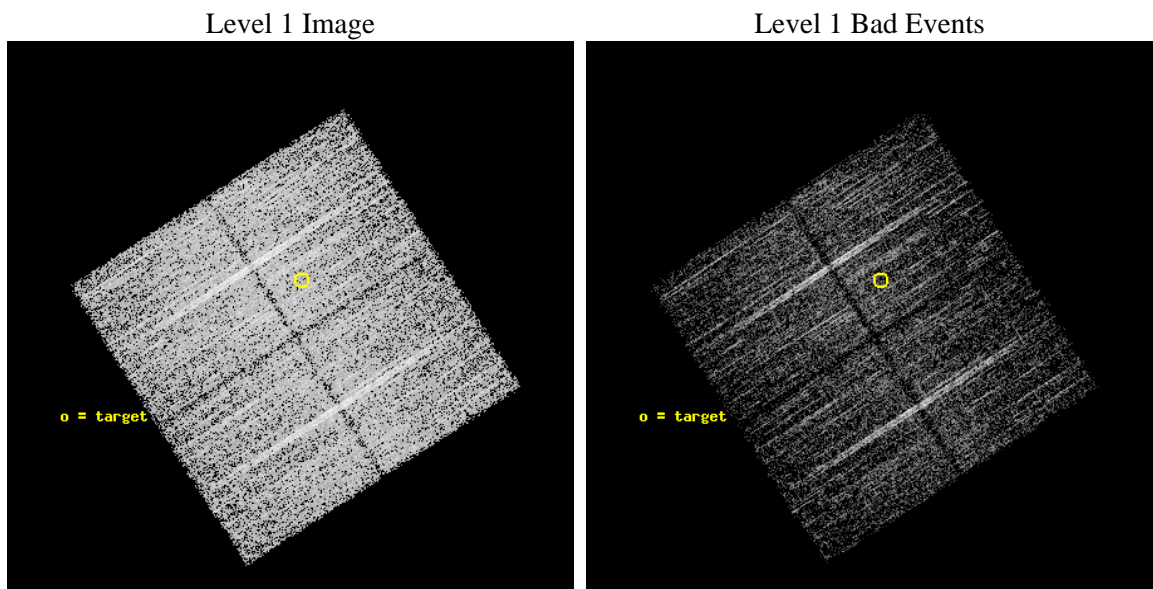
seq_num	702241	Sequence number
obs_id	11655	Observation id
title	AGN ignition in the galaxy group environment	Proposal title
observer	Dr. John Silverman	Principal investigator
object	2PIGG_1752	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	335.270833	Observer's specified target RA [deg]
dec_targ	-25.998472	Observer's specified target Dec [deg]
ra_nom	335.28228289947	Nominal RA [deg]
dec_nom	-26.036846187934	Nominal Dec [deg]
roll_nom	327.3411169543	Nominal Roll [deg]
revision	2	Processing version of data
ontime	5183.2000398636	Sum of GTIs [s]
livetime	5115.4777155264	Livetime [s]
ontime0	5183.2000398636	Sum of GTIs [s]
ontime1	5183.2000398636	Sum of GTIs [s]
ontime2	5183.2000398636	Sum of GTIs [s]
ontime3	5183.2000398636	Sum of GTIs [s]
l2events	15183	Number of level 2 events



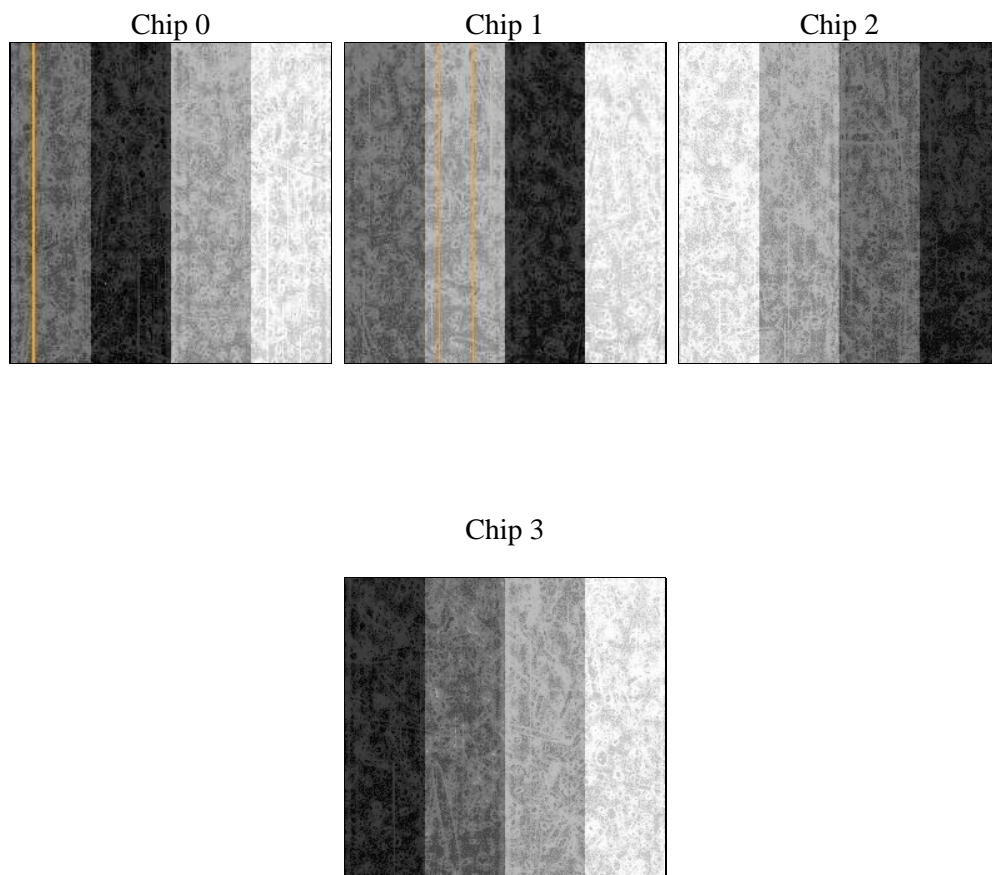
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	5000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	5183.2000398636	Sum of GTIs [s]
caldsver	4.4.10	 	ontime0	5183.2000398636	Sum of GTIs [s]
date	2012-06-13T02:56:44	Date and time of file creation	ontime1	5183.2000398636	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	5183.2000398636	Sum of GTIs [s]
			ontime3	5183.2000398636	Sum of GTIs [s]
			l1events	181608	Number of level 1 events

2.1.4 Events

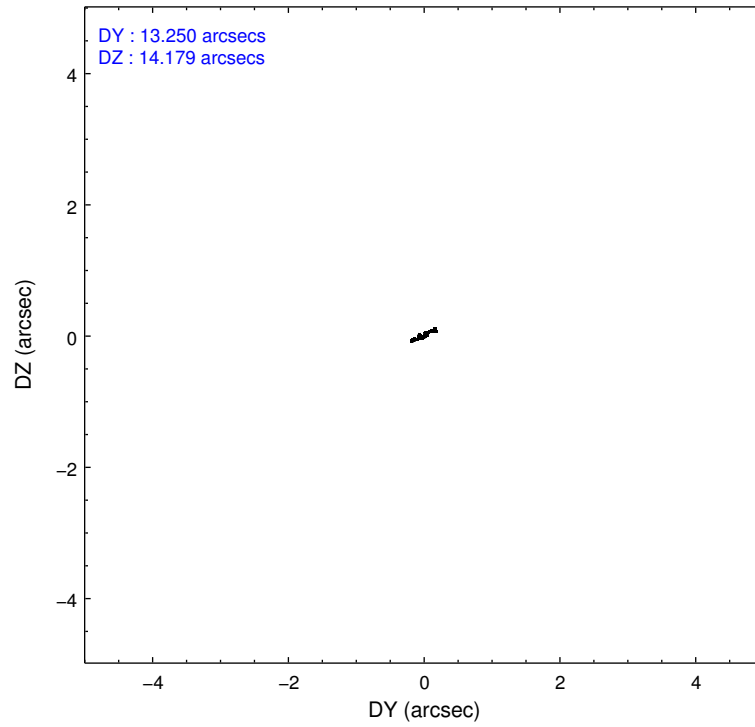
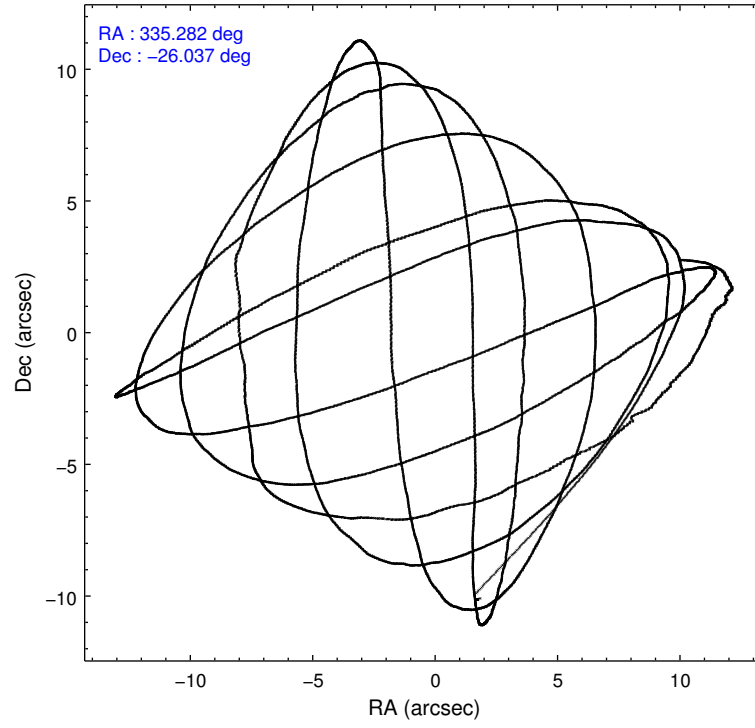
	ccd 0	ccd 1	ccd 2	ccd 3
level 1 events	42766	43682	47082	48078
rejected events	38134	38666	42642	43700
rejected %	89%	88%	90%	90%

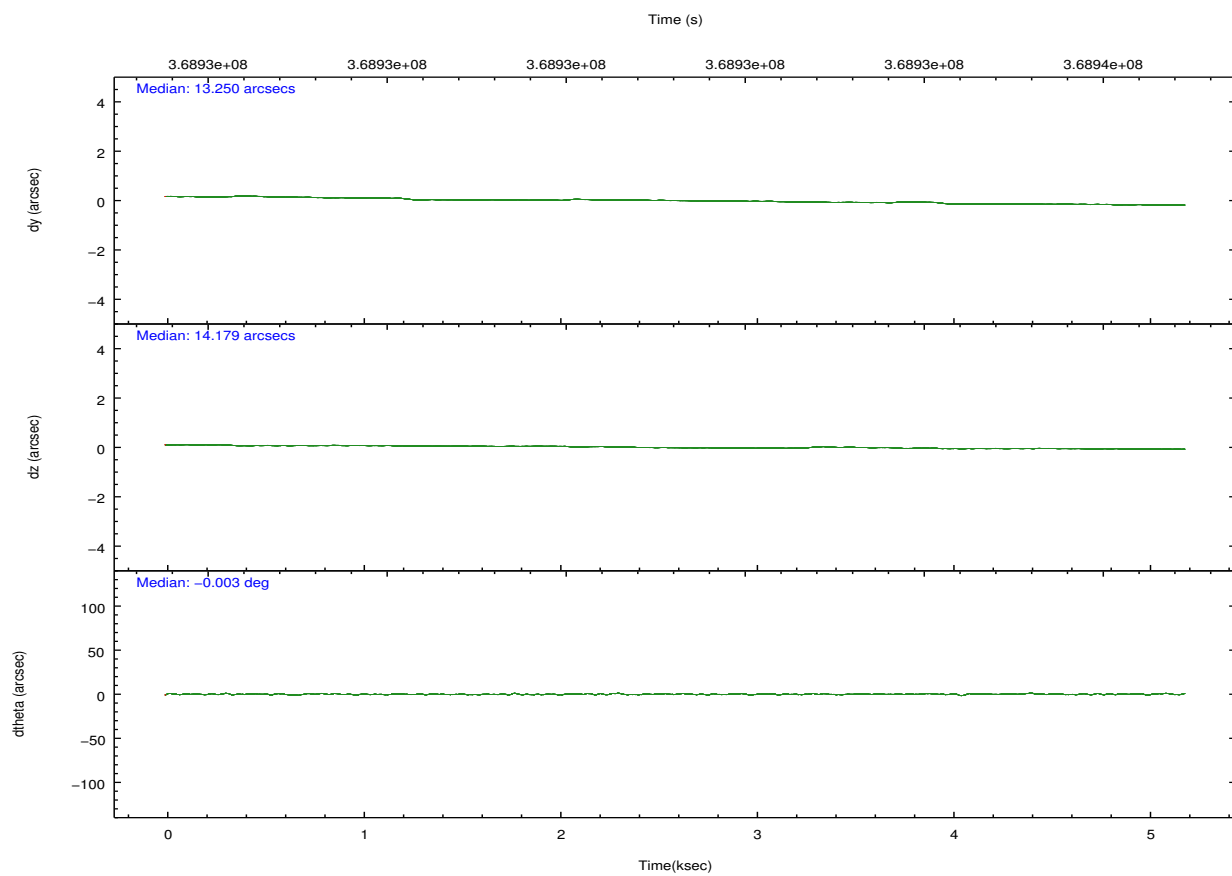
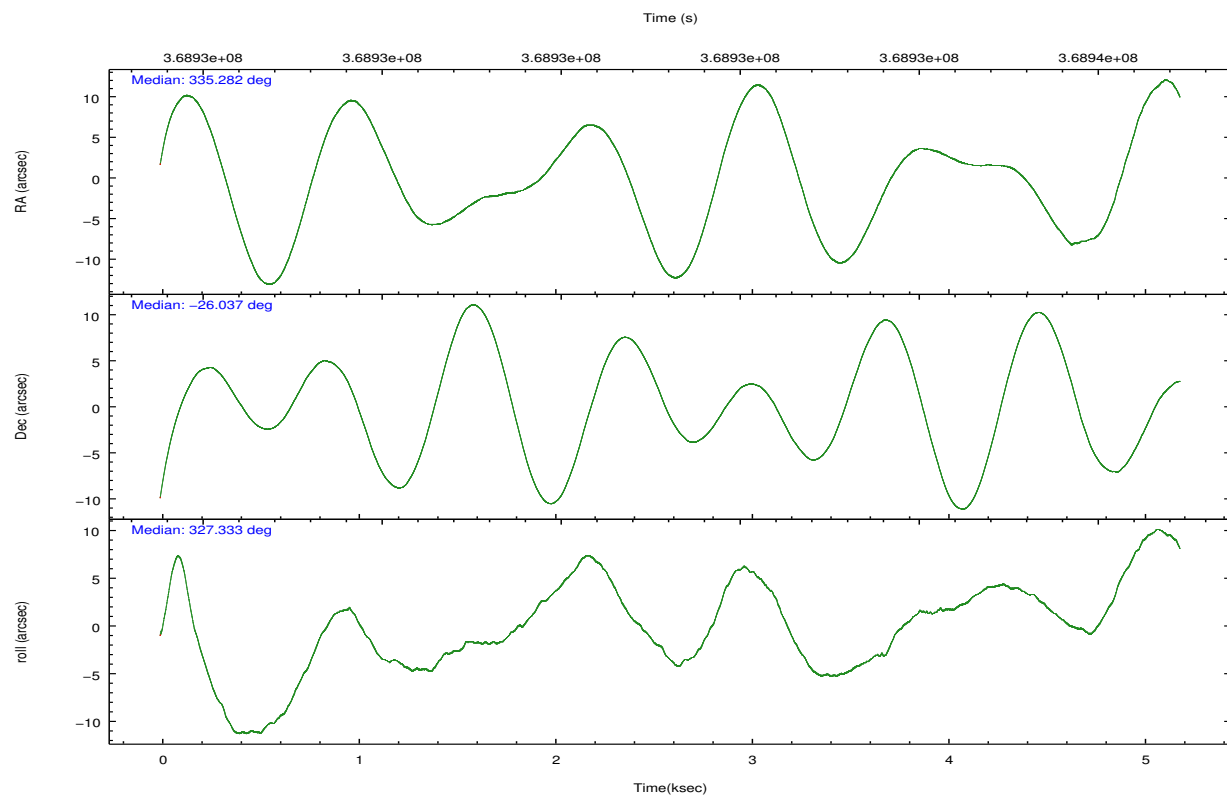
	ccd 0	ccd 1	ccd 2	ccd 3
grade 0 events	1723	1861	1630	1594
	4%	4%	3%	3%
grade 1 events	18	29	29	26
	0%	0%	0%	0%
grade 2 events	1193	1222	1151	994
	2%	2%	2%	2%
grade 3 events	502	564	466	539
	1%	1%	0%	1%
grade 4 events	493	522	480	469
	1%	1%	1%	0%
grade 5 events	1718	1904	1569	1966
	4%	4%	3%	4%
grade 6 events	924	1071	888	958
	2%	2%	1%	1%
grade 7 events	36195	36509	40869	41532
	84%	83%	86%	86%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-0123	ACIS-0123	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	335.251560	335.282282899467	Subarray requested	NONE	NONE
[deg] Pointing Dec	-26.035707	-26.03684618793361	Alternating exposures requested	N	N
[deg] Pointing Roll	327.118954	327.3411169543039	[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	-233.592463	-233.5874344608287			
[mm] SIM translation stage offset	0	-0.005018542100998502			
[s] Observation start time (MET)	368930192.184000	368929144.31989			
Observation start date	2009-09-10T00:35:26	2009-09-10T00:19:04			
[s] Observation end time (MET)	368935192.184000	368935974.92023			
Observation end date	2009-09-10T01:58:46	2009-09-10T02:12:54			
Read mode	TIMED	TIMED			

2.3 Aspect



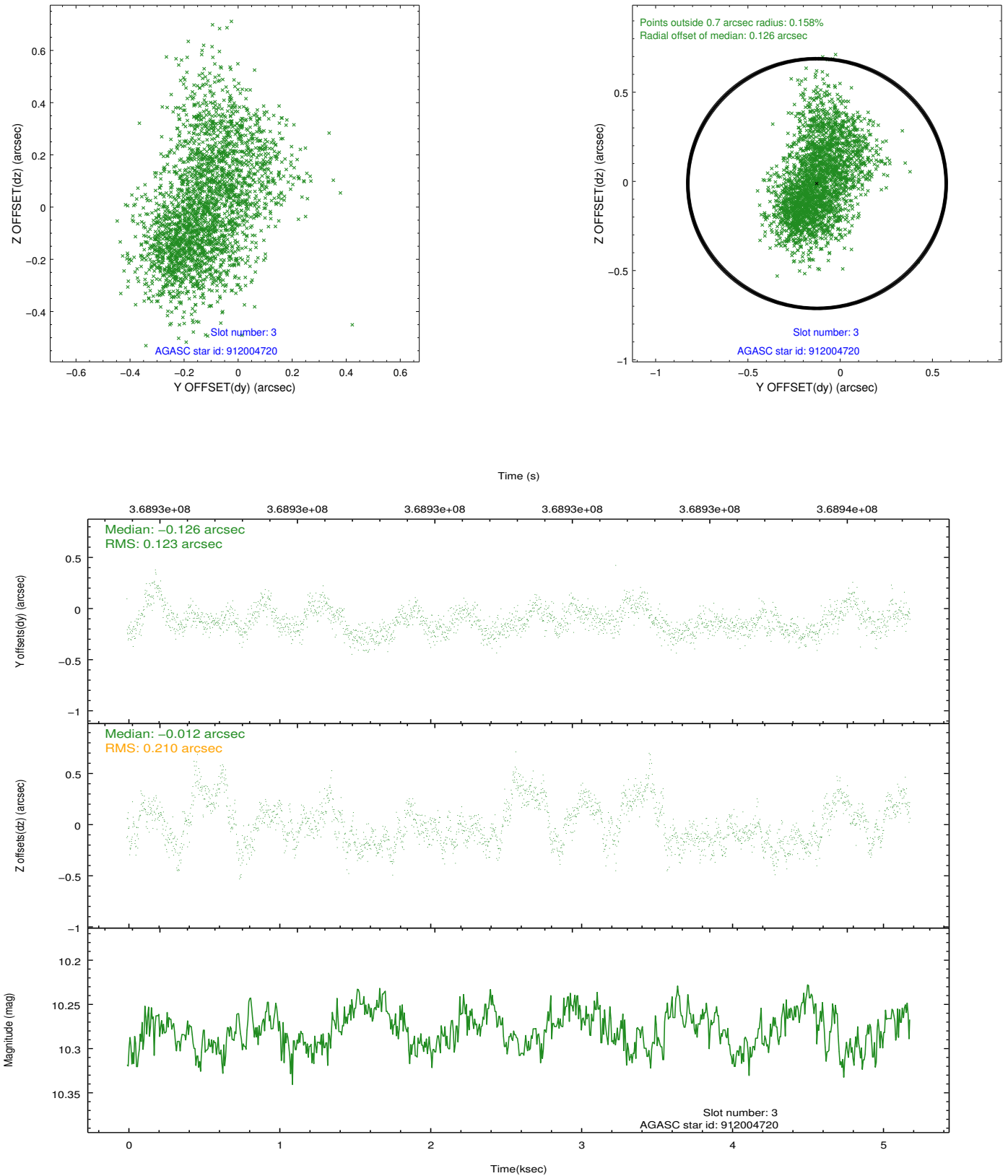


Slot Statistics

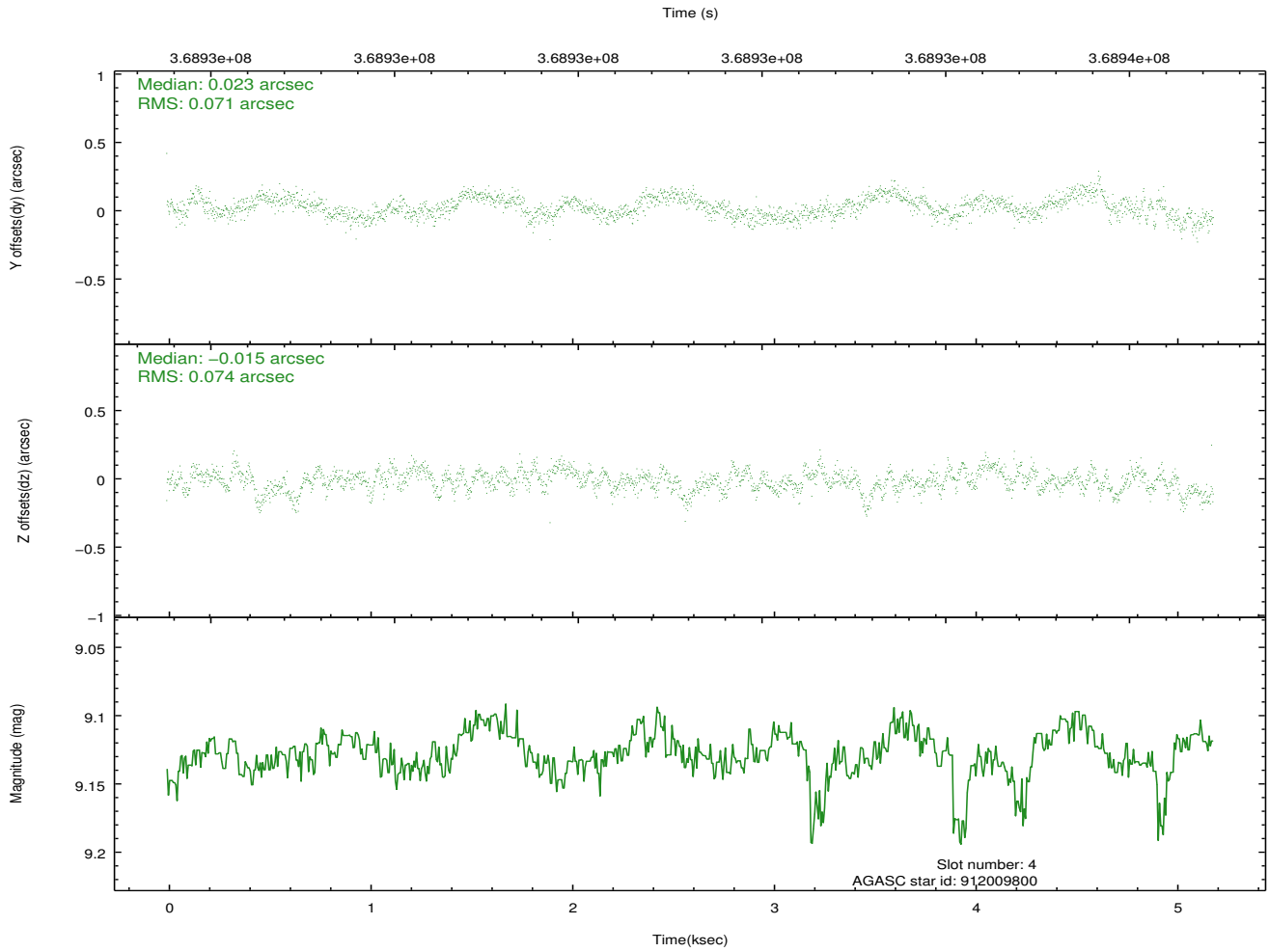
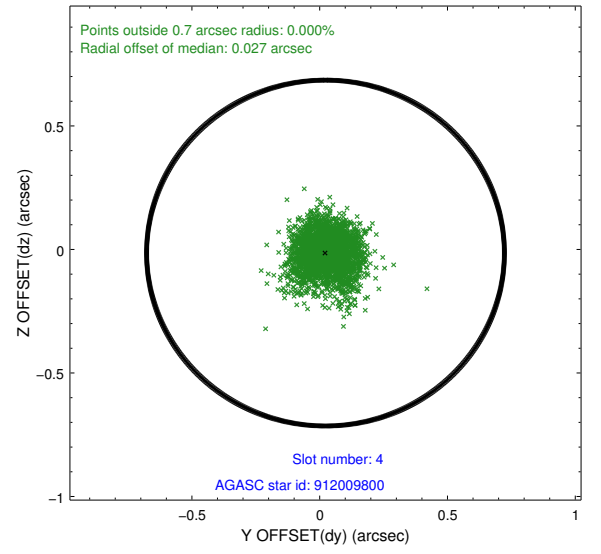
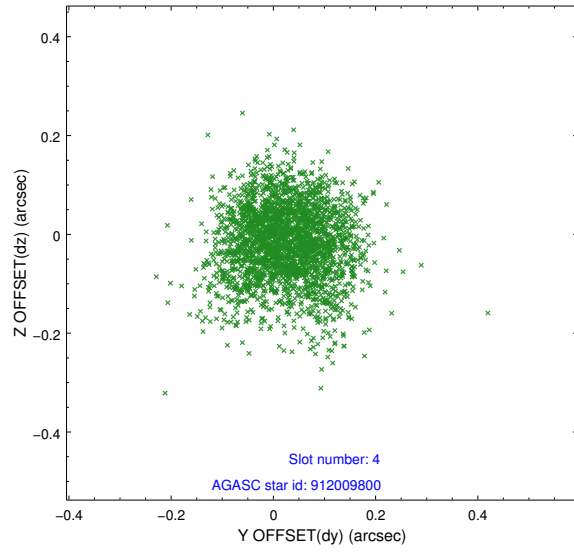
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.07	1266	0.026	0.016	0.007	0.013	0.000000	0.000000	926.31	-837.73
1	FID	ACIS-I-5	7.06	1266	-0.206	0.036	0.008	0.014	0.000000	0.000000	-1821.42	1059.14
2	FID	ACIS-I-6	7.06	1266	0.089	0.018	0.009	0.015	0.000000	0.000000	390.60	1704.99
3	GUIDE	912004720	10.28	2528	-0.126	-0.012	0.259	0.417	334.588667	-26.436861	-1007.39	-2377.88
4	GUIDE	912009800	9.13	2532	0.023	-0.015	0.109	0.176	334.609941	-26.019361	-1772.60	-1083.24
5	GUIDE	912926464	7.95	2532	-0.303	-0.152	0.069	0.121	335.810310	-25.842280	1146.75	1564.91
6	GUIDE	912926944	9.54	2531	-0.179	-0.080	0.141	0.222	335.033103	-26.241706	-189.05	-1005.99
7	GUIDE	912922856	9.90	2460	0.586	0.250	0.168	0.268	336.017149	-26.197103	2396.77	848.63

2.4 Star Slots

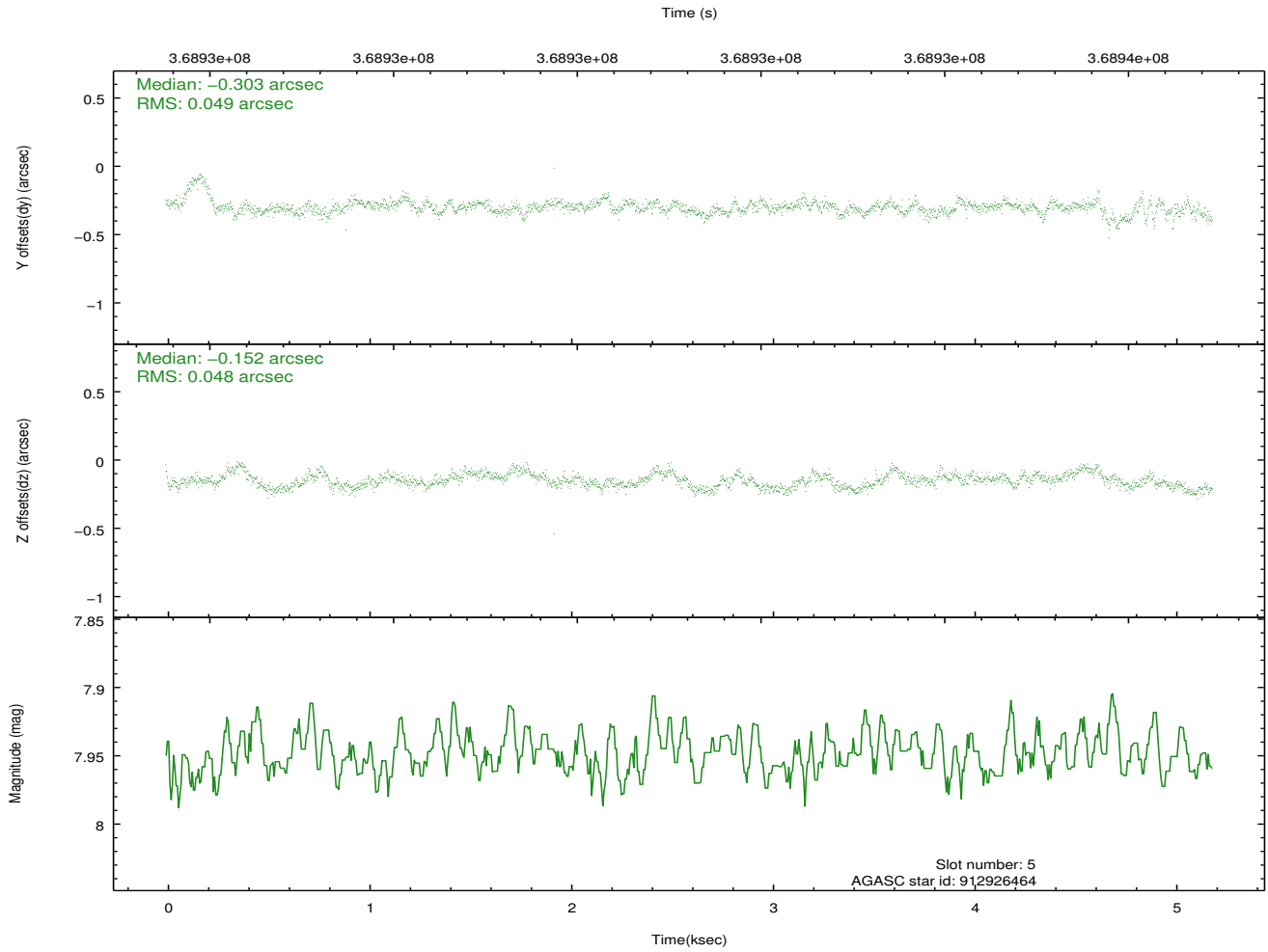
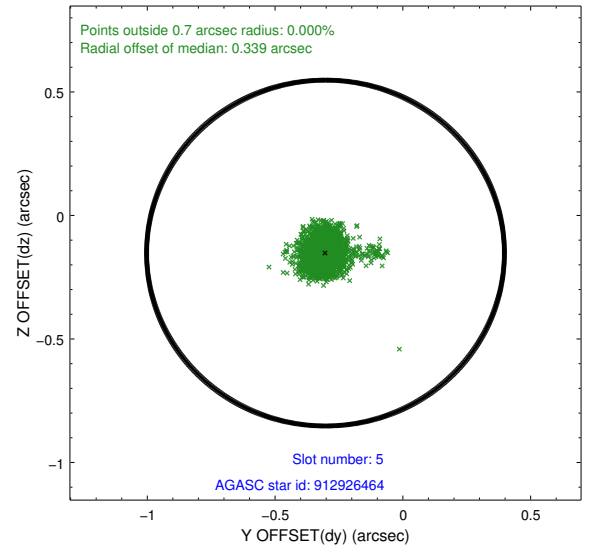
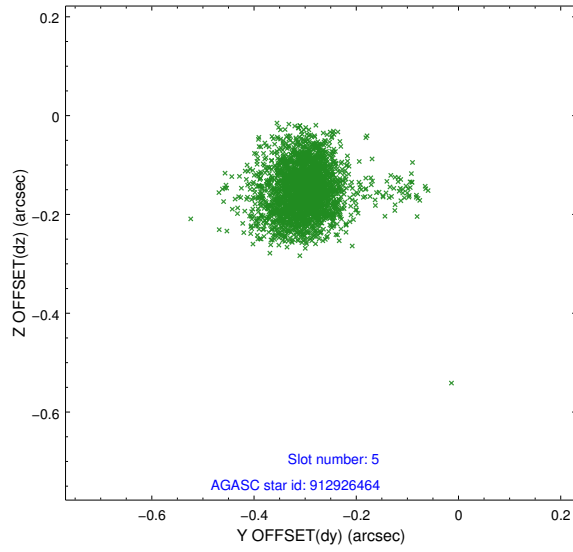
2.4.1 Slot 3



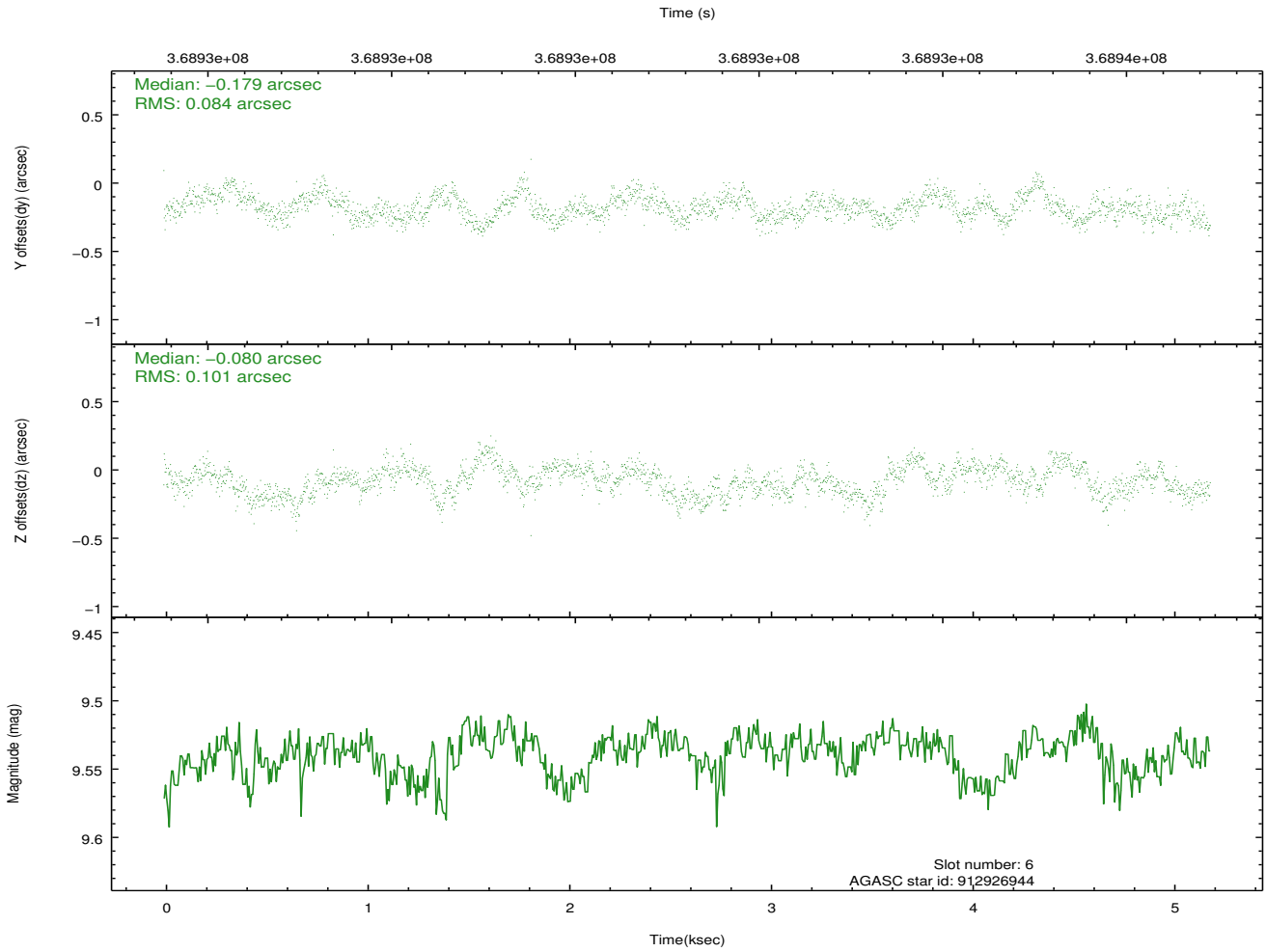
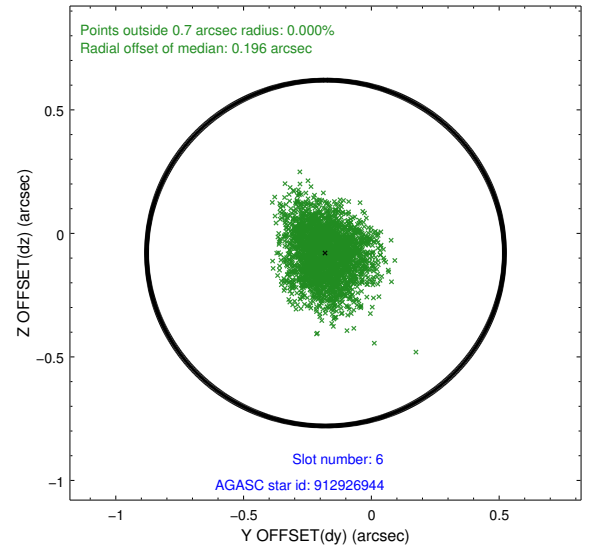
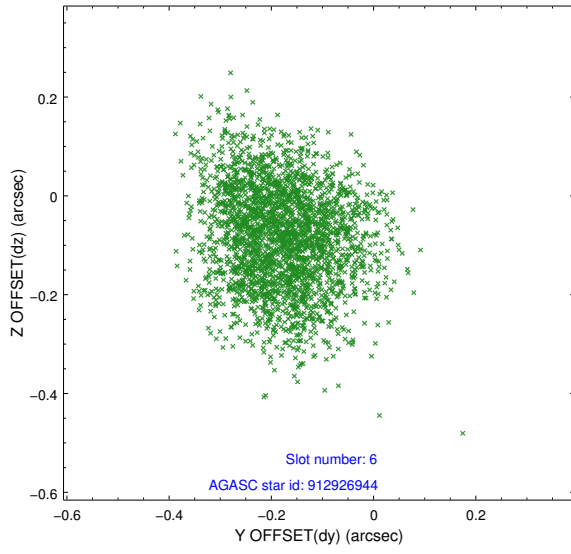
2.4.2 Slot 4



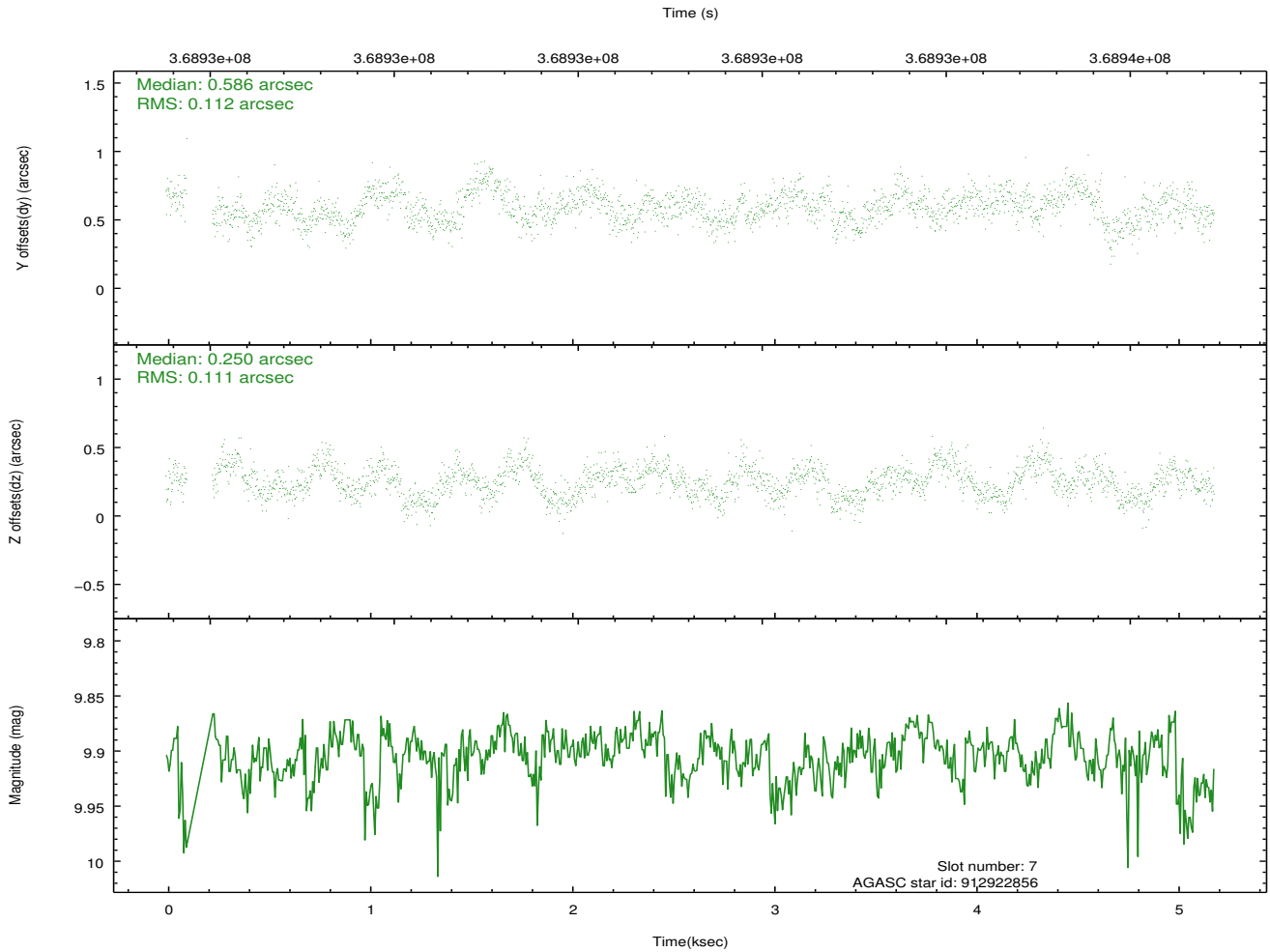
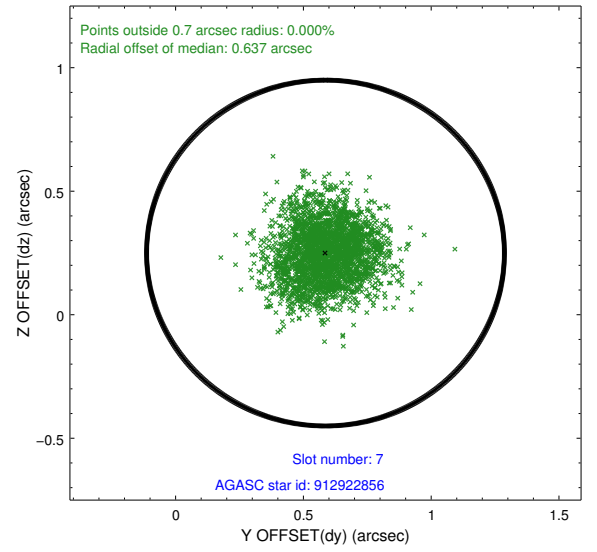
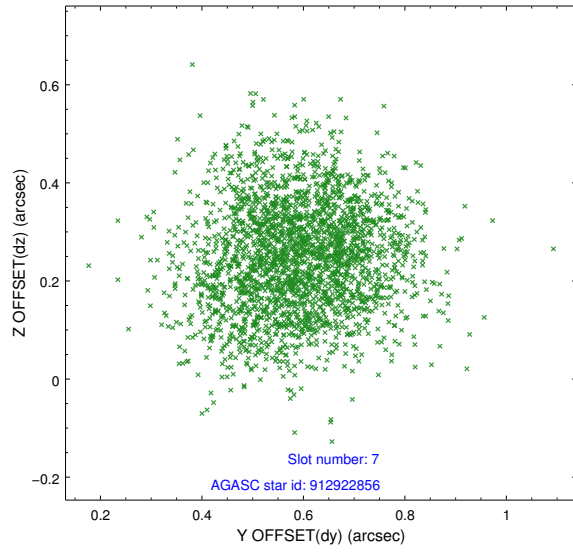
2.4.3 Slot 5



2.4.4 Slot 6

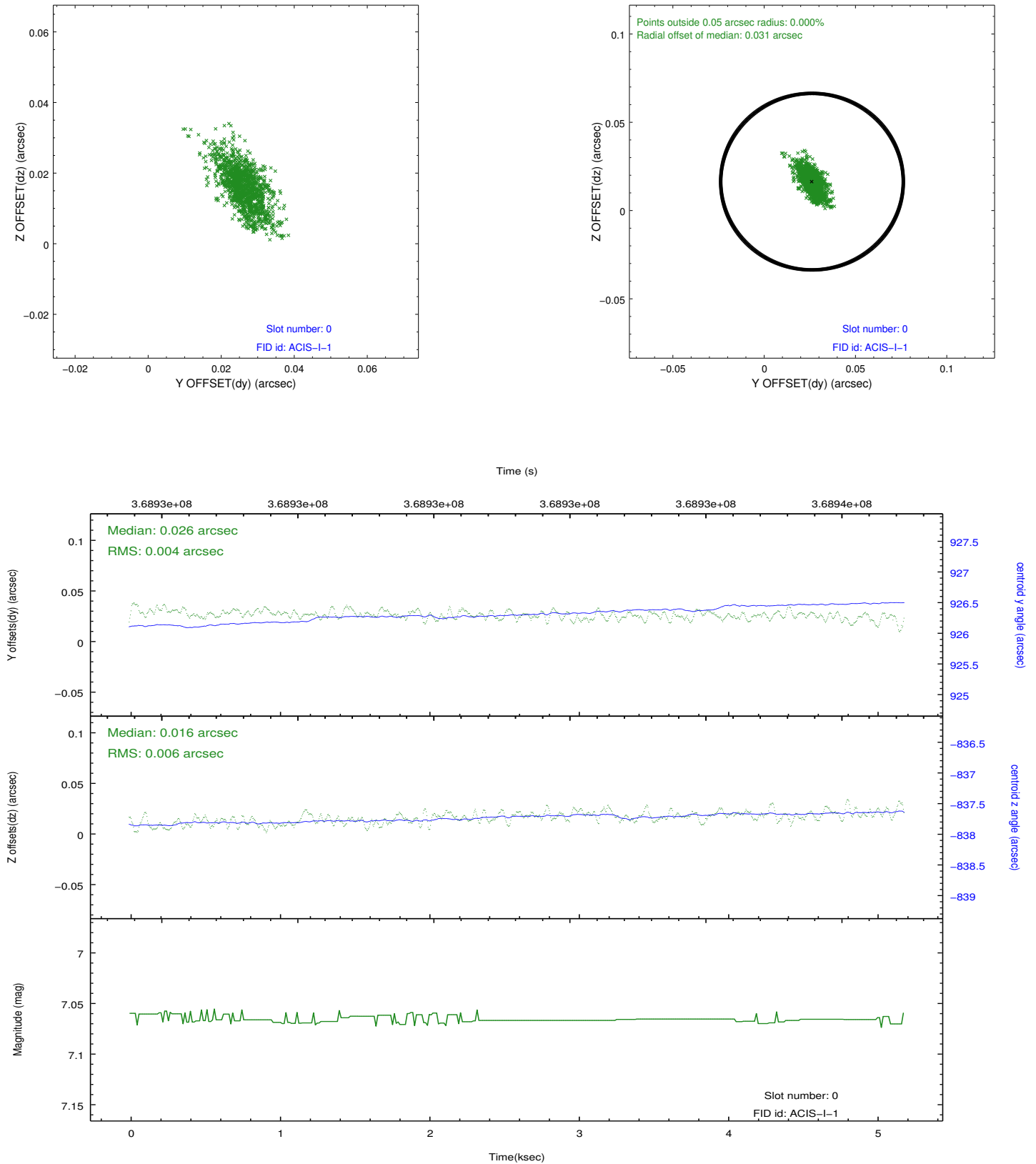


2.4.5 Slot 7

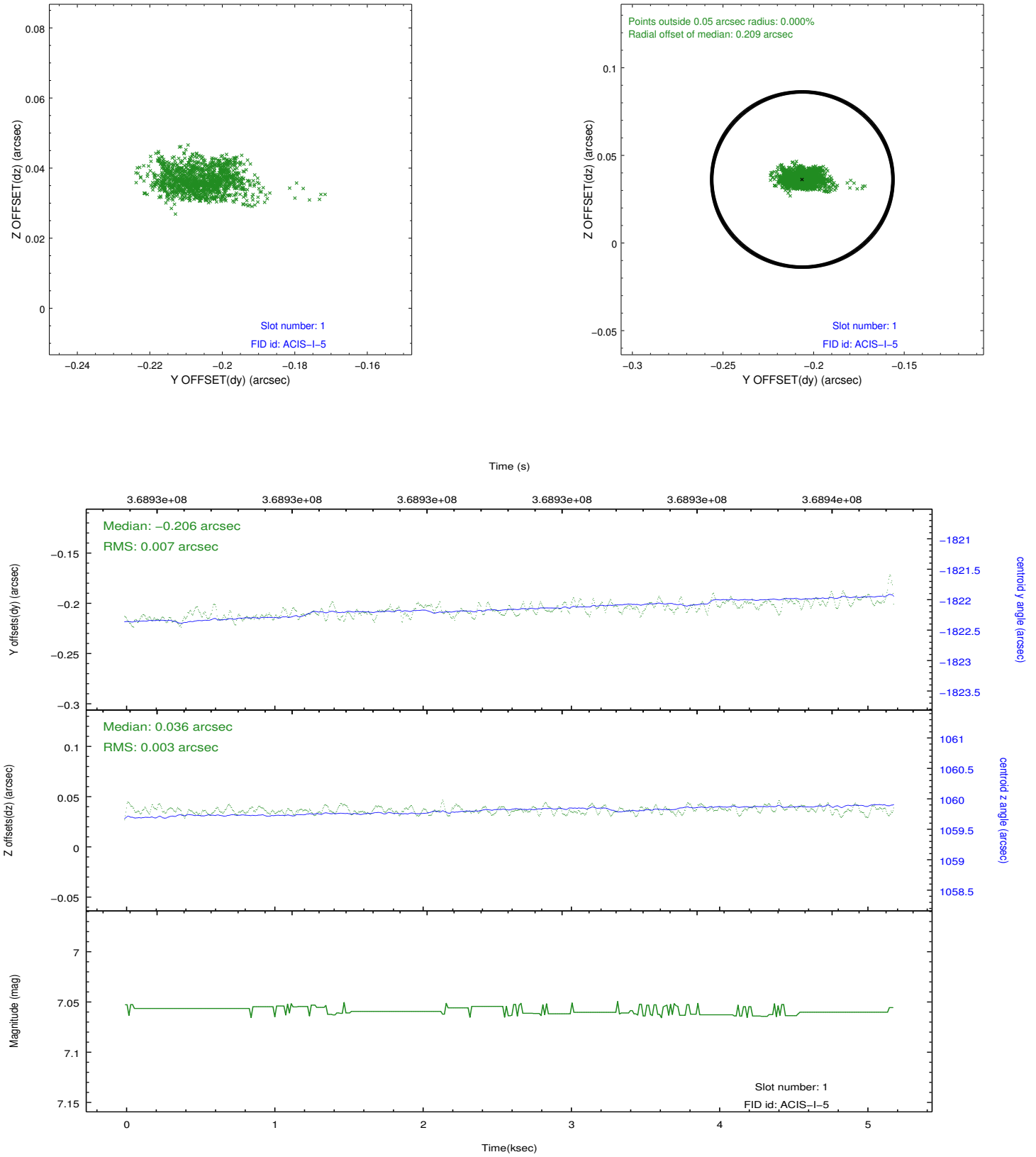


2.5 FID Slots

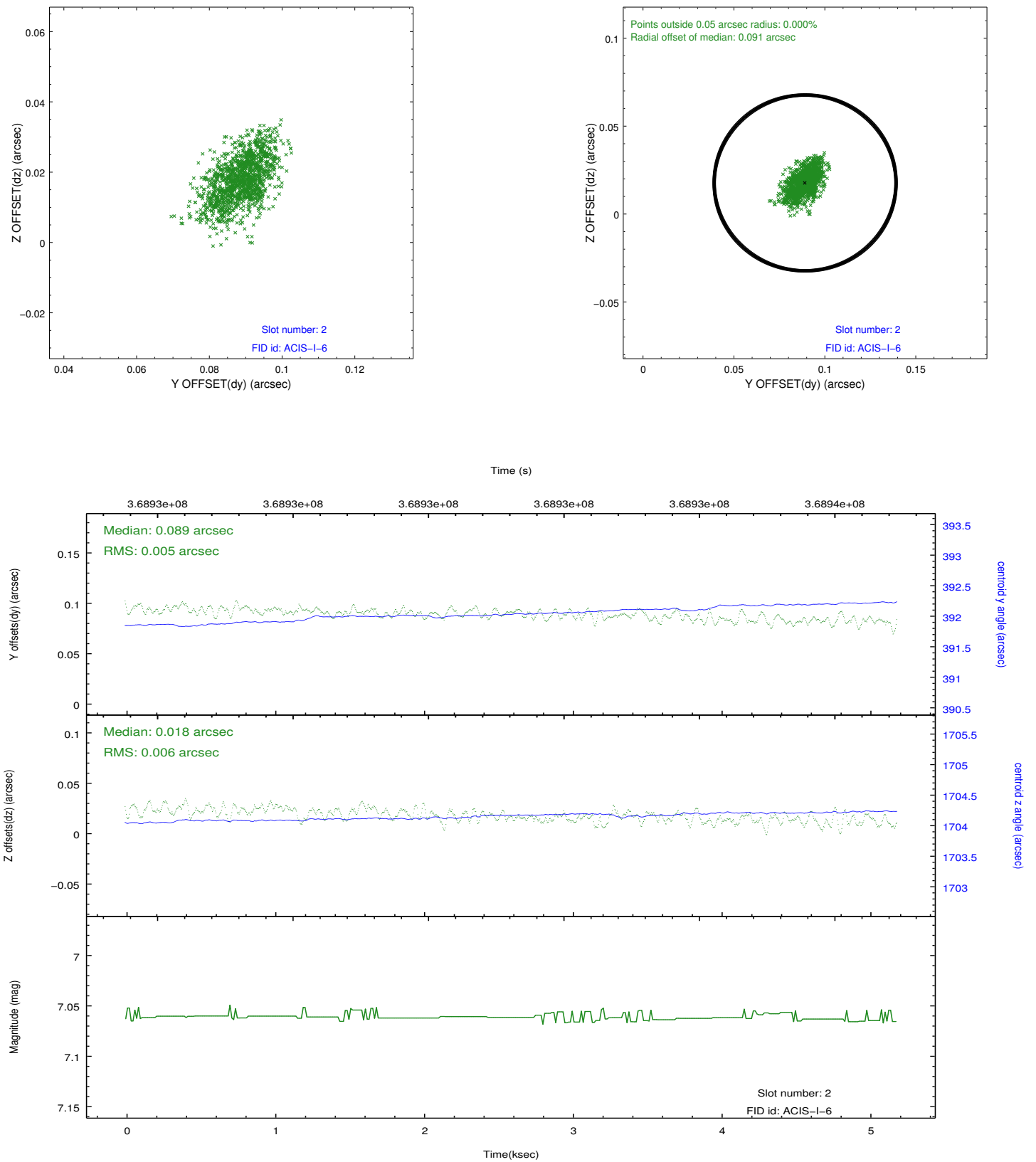
2.5.1 Slot 0



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)	2012.06.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.1832000398636

A.2 Comments