

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11623 - L2 Version 2
Chandra X-Ray Center

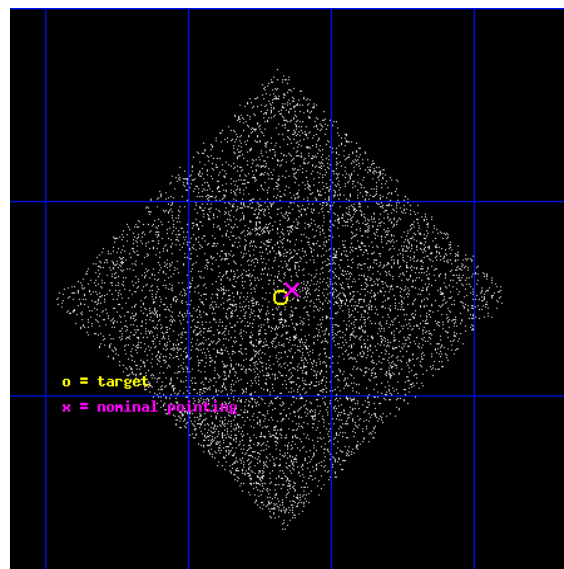
L2 Processing Date : Jun 19 2012

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1 Front

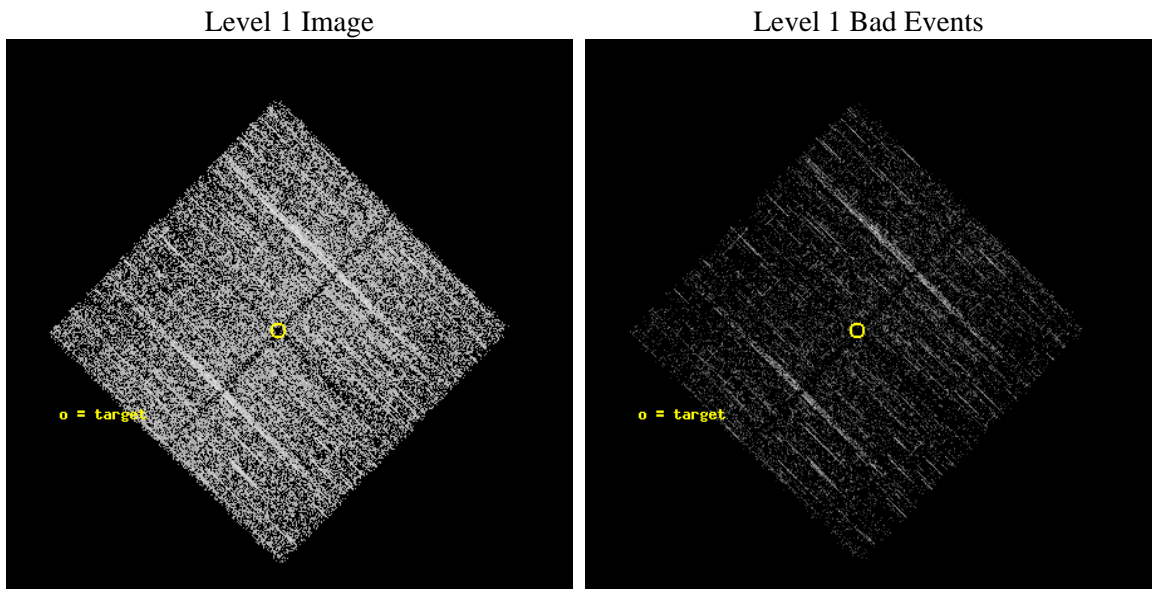
seq_num	702209	Sequence number
obs_id	11623	Observation id
title	AGN ignition in the galaxy group environment	Proposal title
observer	Dr. John Silverman	Principal investigator
object	2PIGG_m1702	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	148.669583	Observer's specified target RA [deg]
dec_targ	-4.082472	Observer's specified target Dec [deg]
ra_nom	148.65974789826	Nominal RA [deg]
dec_nom	-4.0757876406141	Nominal Dec [deg]
roll_nom	44.441671635608	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2472.2772983909	Sum of GTIs [s]
livetime	2439.9751754233	Livetime [s]
ontime0	2472.2362583876	Sum of GTIs [s]
ontime1	2472.2772983909	Sum of GTIs [s]
ontime2	2472.3183383942	Sum of GTIs [s]
ontime3	2472.3593783975	Sum of GTIs [s]
l2events	7145	Number of level 2 events



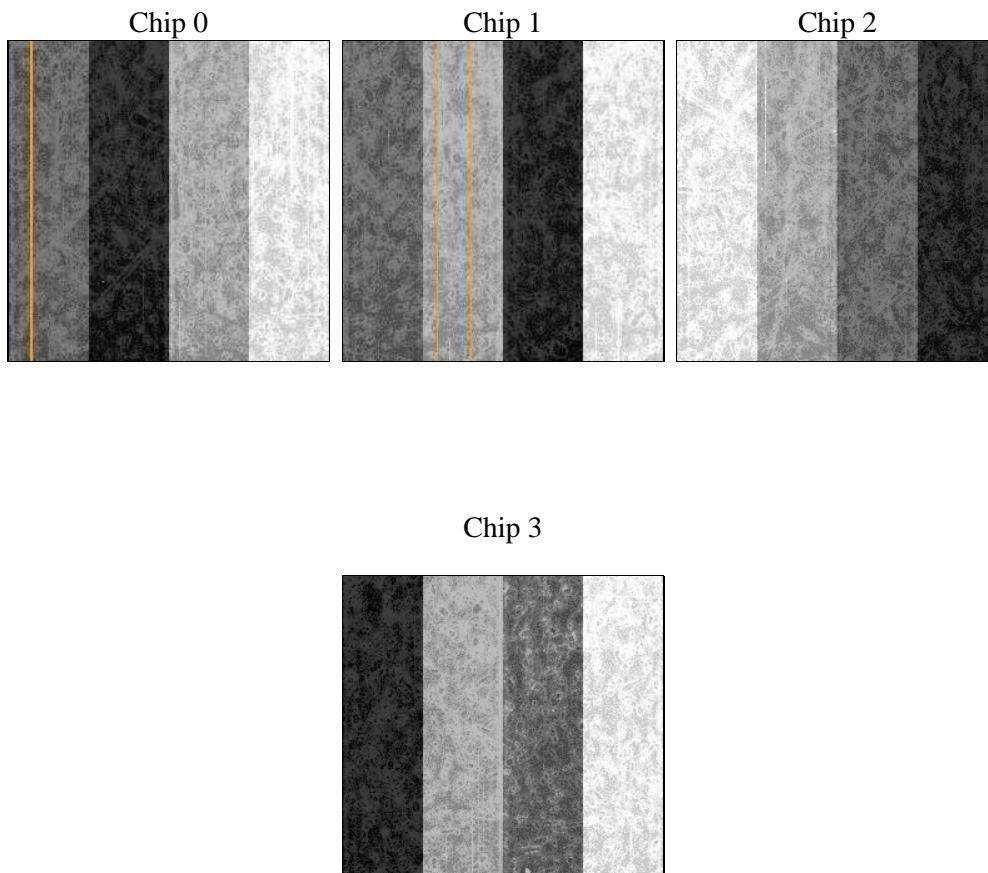
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	2680.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	2472.2772983909	Sum of GTIs [s]
caldsver	4.4.10	 	ontime0	2472.2362583876	Sum of GTIs [s]
date	2012-06-19T23:06:09	Date and time of file creation	ontime1	2472.2772983909	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	2472.3183383942	Sum of GTIs [s]
			ontime3	2472.3593783975	Sum of GTIs [s]
			l1events	82194	Number of level 1 events

2.1.4 Events

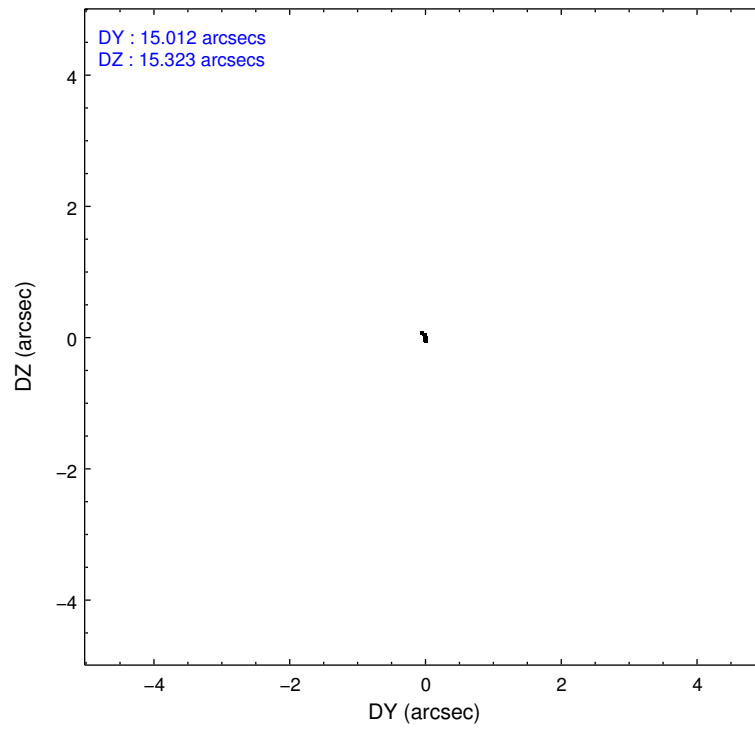
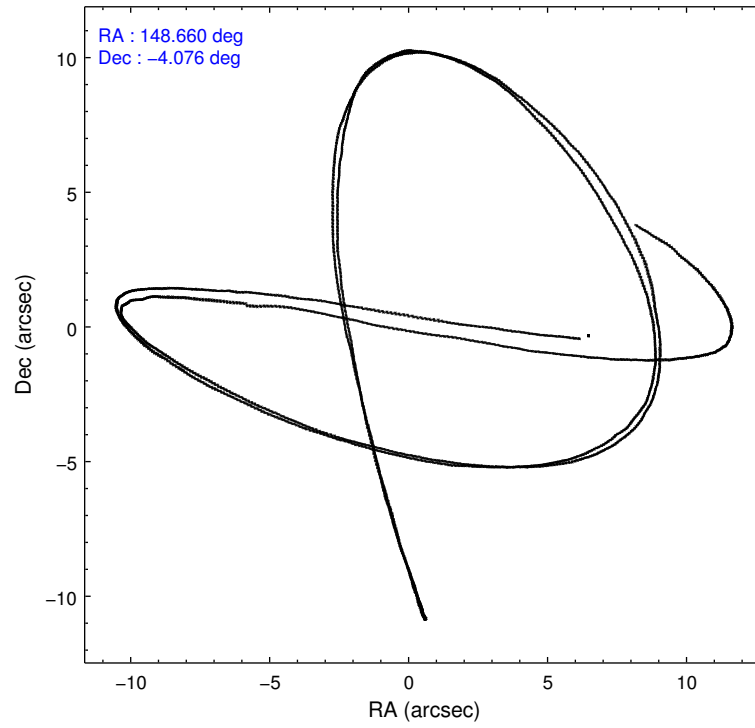
	ccd 0	ccd 1	ccd 2	ccd 3
level 1 events	19025	20353	22069	20747
rejected events	16961	17932	19831	18765
rejected %	89%	88%	89%	90%

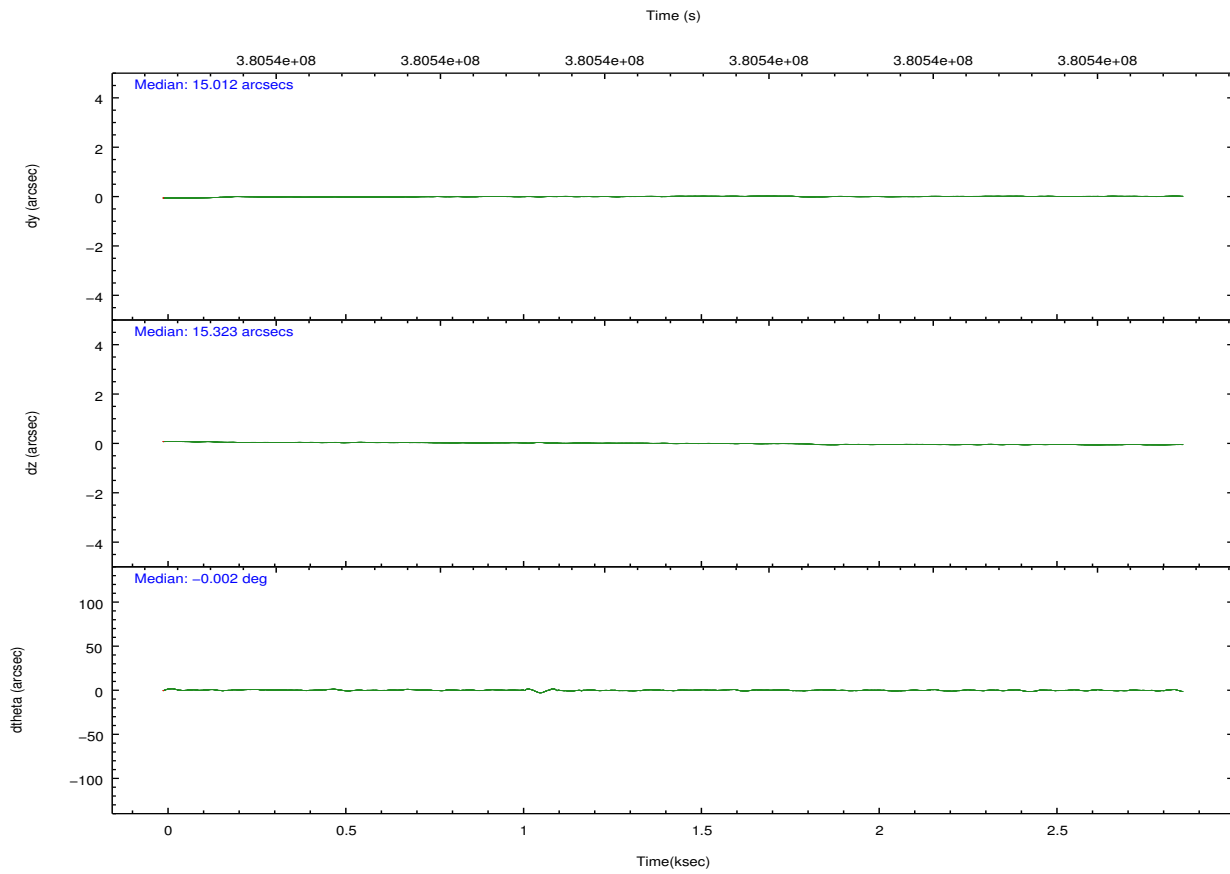
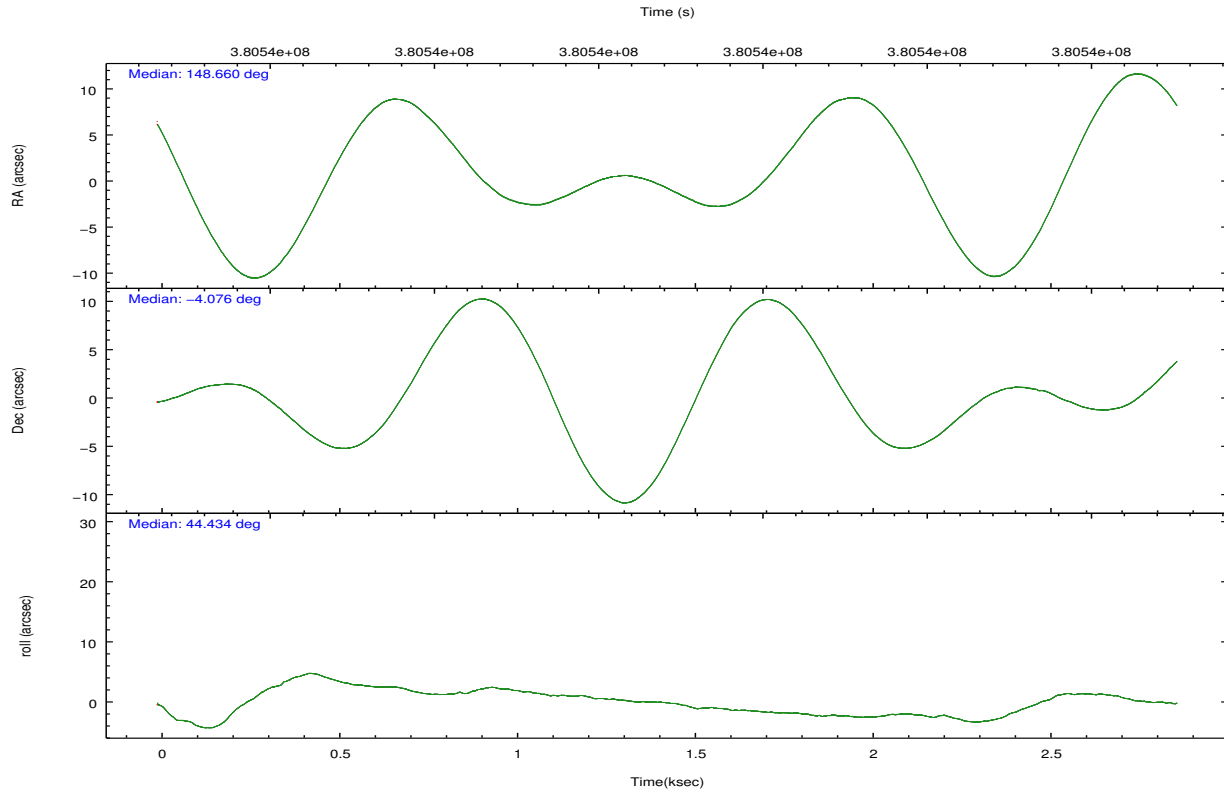
	ccd 0	ccd 1	ccd 2	ccd 3
grade 0 events	689	880	788	677
	3%	4%	3%	3%
grade 1 events	12	11	10	13
	0%	0%	0%	0%
grade 2 events	499	569	549	426
	2%	2%	2%	2%
grade 3 events	239	263	237	216
	1%	1%	1%	1%
grade 4 events	223	260	219	218
	1%	1%	0%	1%
grade 5 events	798	810	801	904
	4%	3%	3%	4%
grade 6 events	419	454	451	449
	2%	2%	2%	2%
grade 7 events	16146	17106	19014	17844
	84%	84%	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	148.652539	148.6597478982608	Subarray requested	NONE	NONE
[deg] Pointing Dec	-4.102284	-4.075787640614069	Alternating exposures requested	N	N
[deg] Pointing Roll	44.232457	44.44167163560805	[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)	380534958.184000	380534582.35495			
Observation start date	2010-01-22T08:08:12	2010-01-22T08:03:02			
[s] Observation end time (MET)	380537638.184000	380537772.15511			
Observation end date	2010-01-22T08:52:52	2010-01-22T08:56:12			
Read mode	TIMED	TIMED			

2.3 Aspect



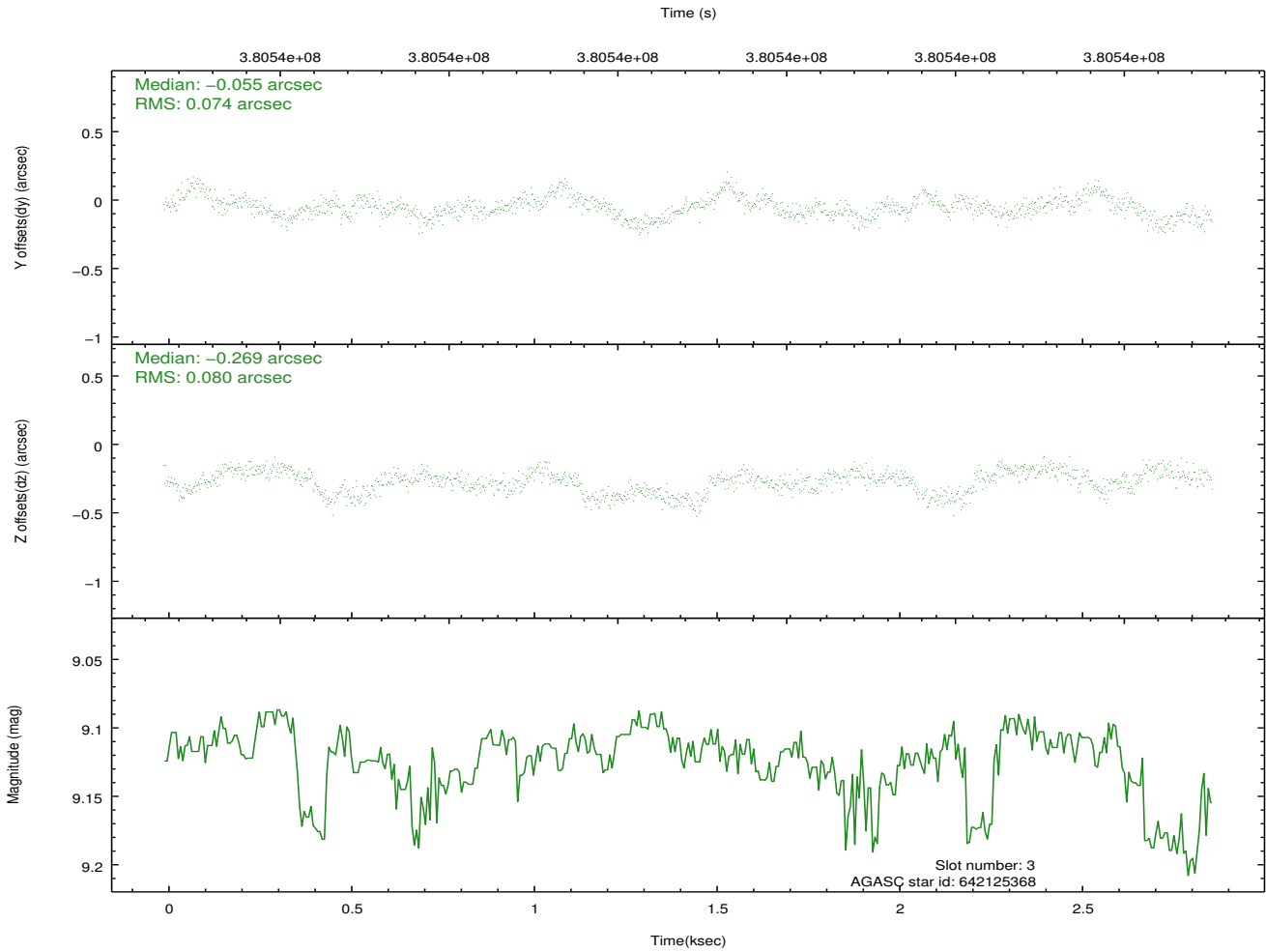
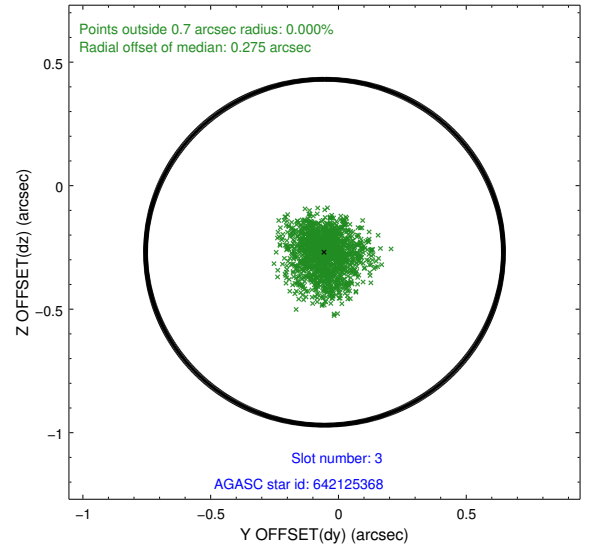
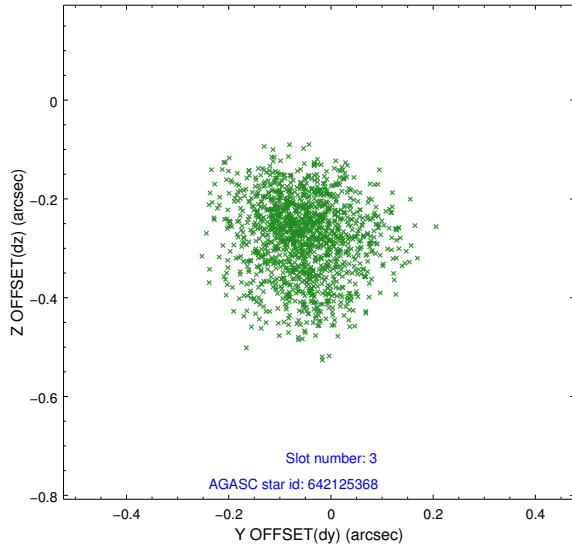


Slot Statistics

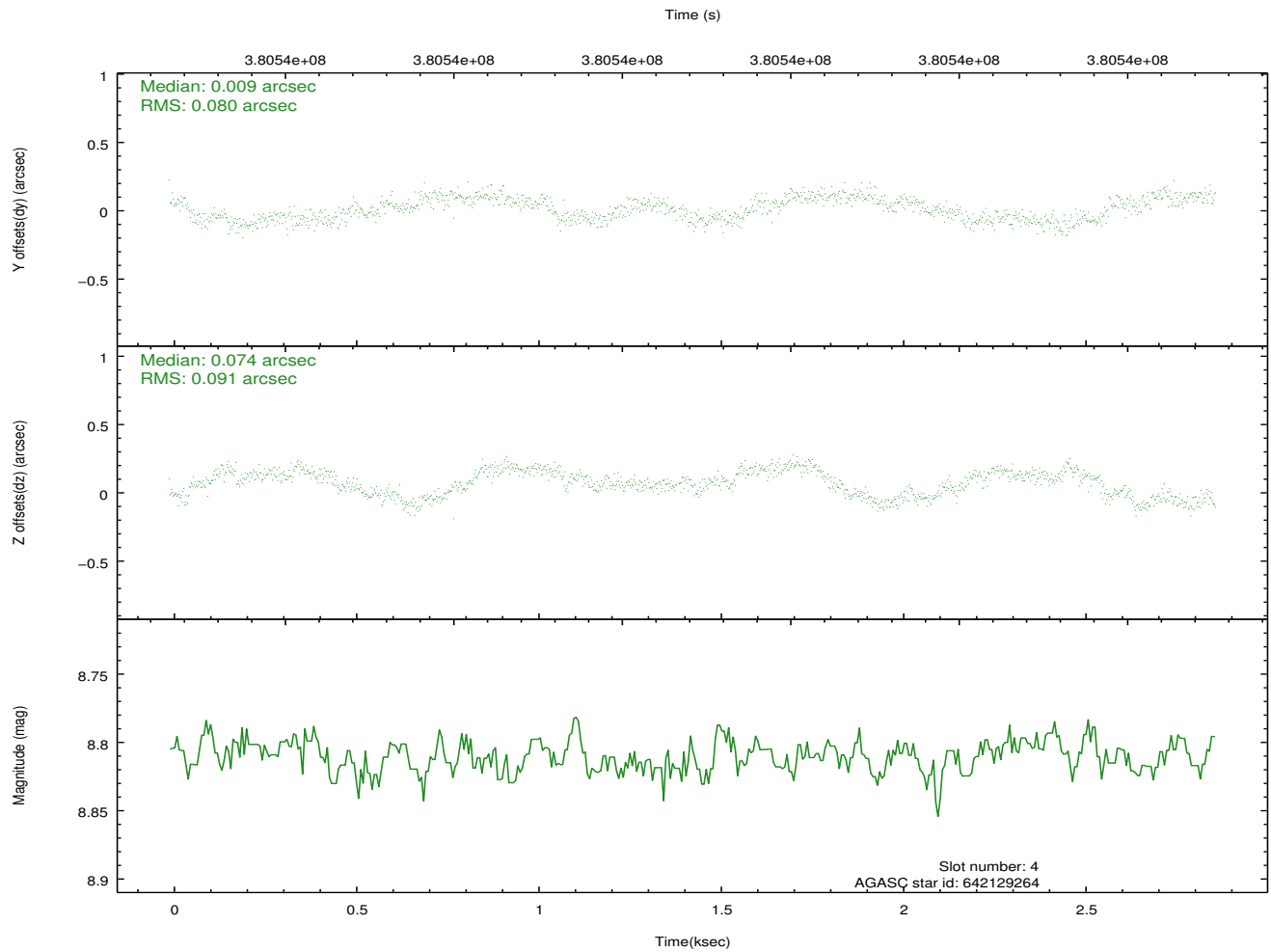
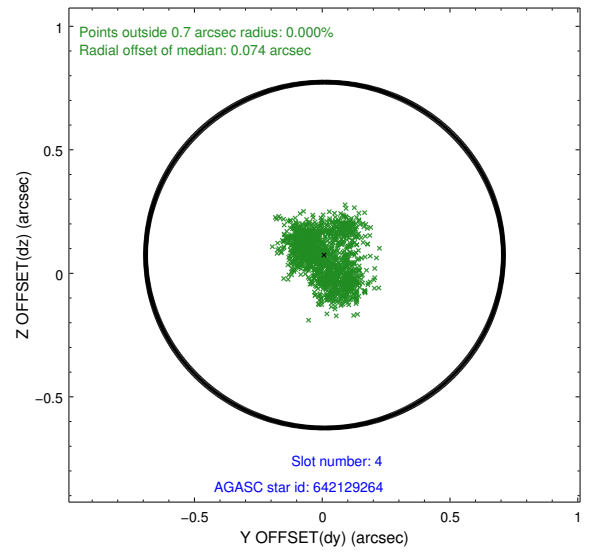
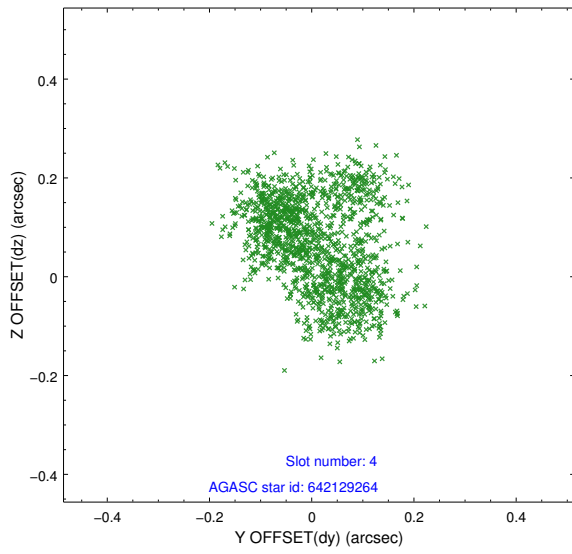
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.04	700	0.036	-0.015	0.006	0.012	0.000000	0.000000	924.49	-838.94
1	FID	ACIS-I-5	7.03	700	-0.215	0.038	0.006	0.011	0.000000	0.000000	-1822.64	1057.47
2	FID	ACIS-I-6	7.04	700	0.087	0.048	0.007	0.011	0.000000	0.000000	387.64	1704.53
3	GUIDE	642125368	9.12	1393	-0.055	-0.269	0.119	0.185	148.607933	-3.372962	1717.07	1992.96
4	GUIDE	642129264	8.81	1396	0.009	0.074	0.132	0.195	149.024669	-3.808427	1697.08	-172.51
5	GUIDE	642129392	8.69	1395	-0.005	0.049	0.097	0.148	149.116448	-3.838560	1857.66	-483.01
6	GUIDE	642130912	7.96	1400	0.102	0.014	0.095	0.150	148.633475	-4.436114	-885.14	-813.96
7	GUIDE	642132784	8.97	1397	-0.059	0.149	0.080	0.135	149.290749	-4.224375	1334.59	-1914.90

2.4 Star Slots

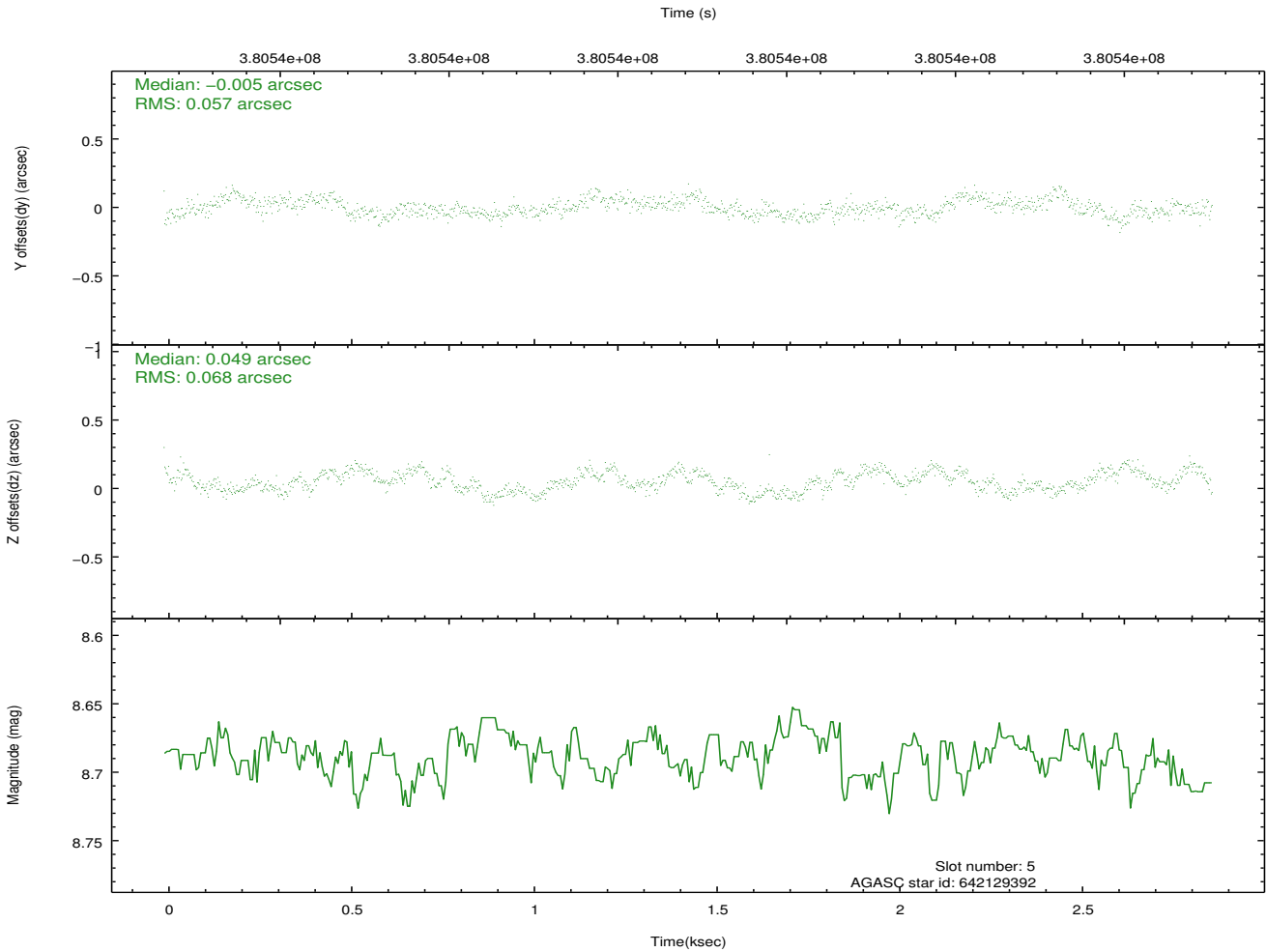
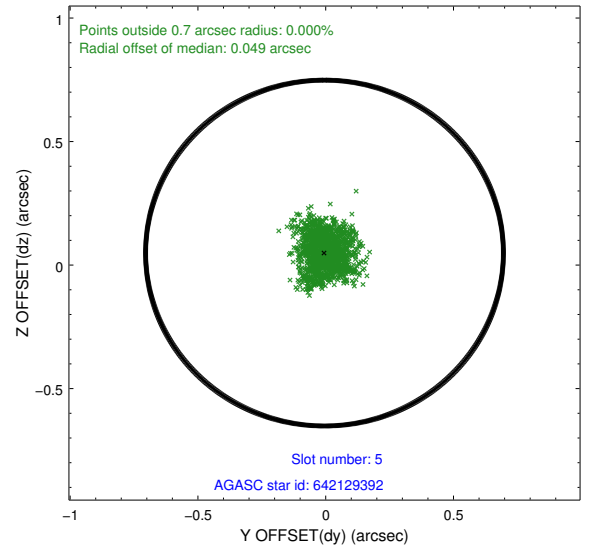
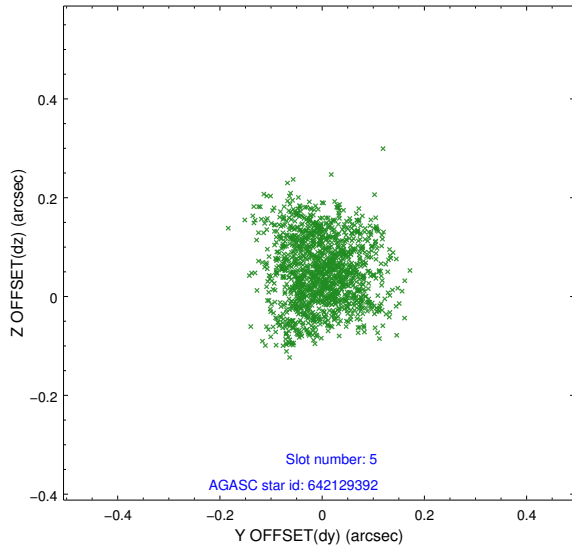
2.4.1 Slot 3



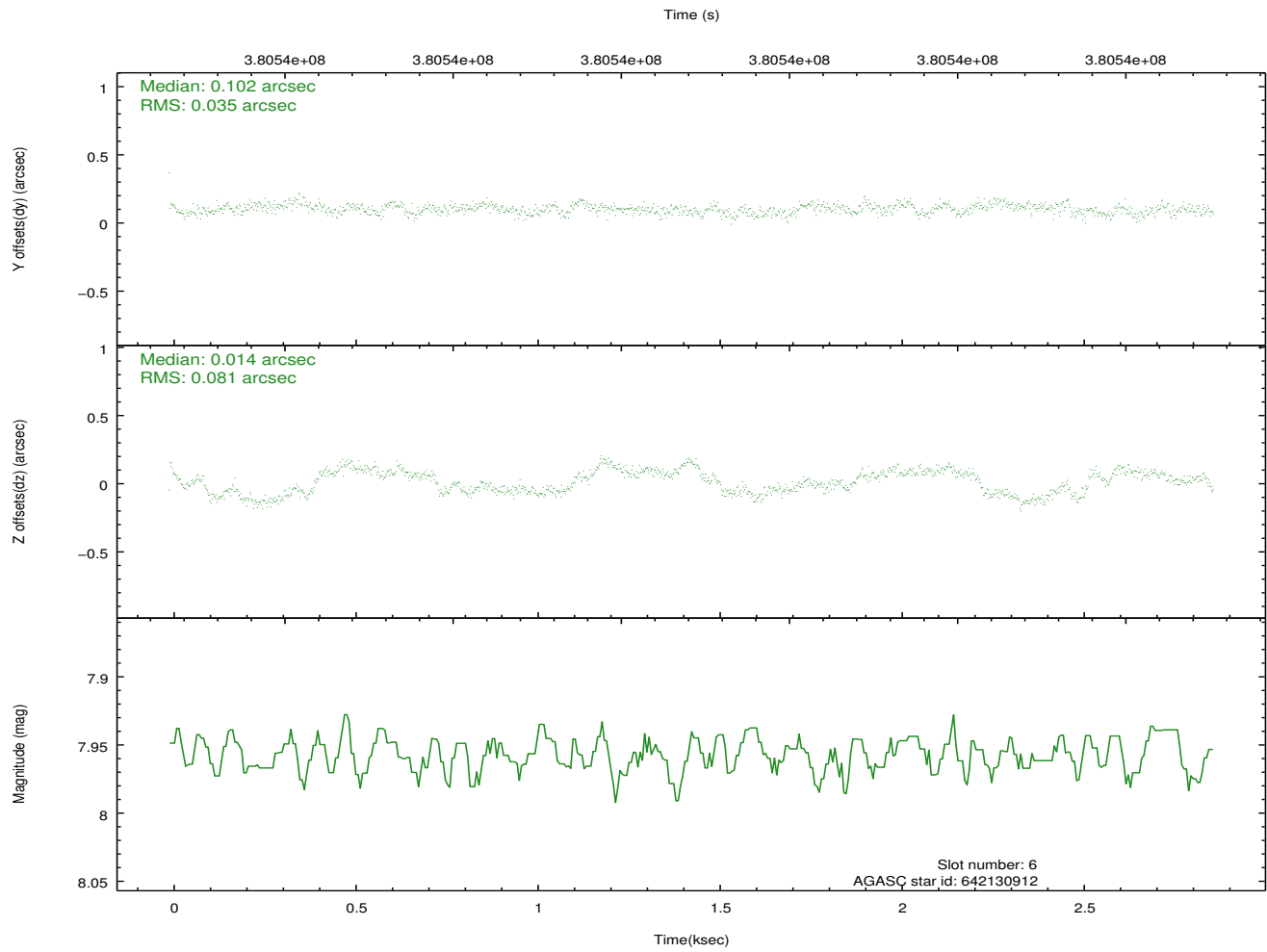
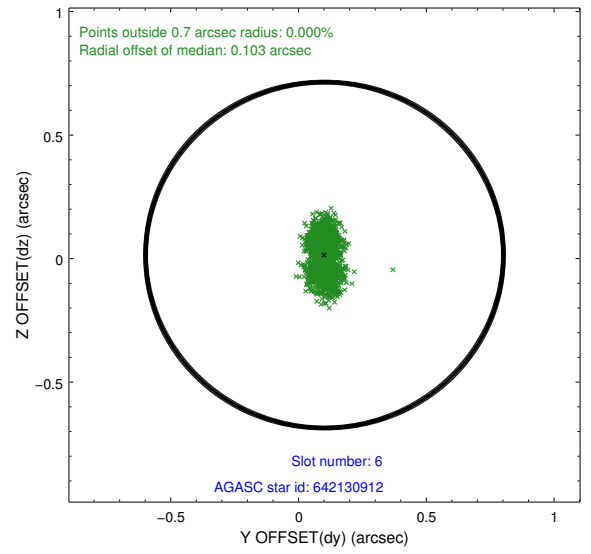
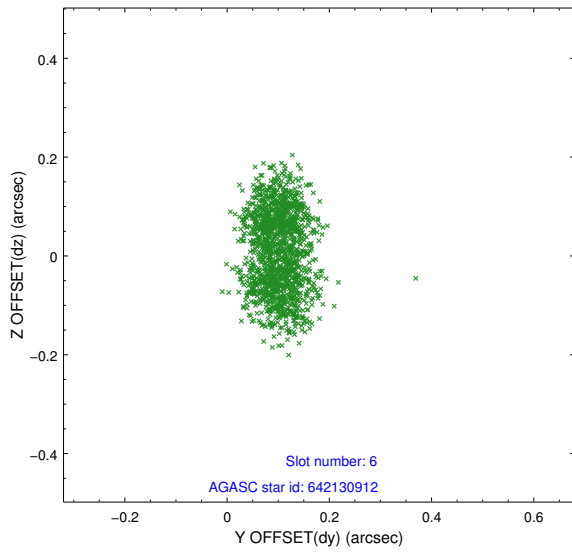
2.4.2 Slot 4



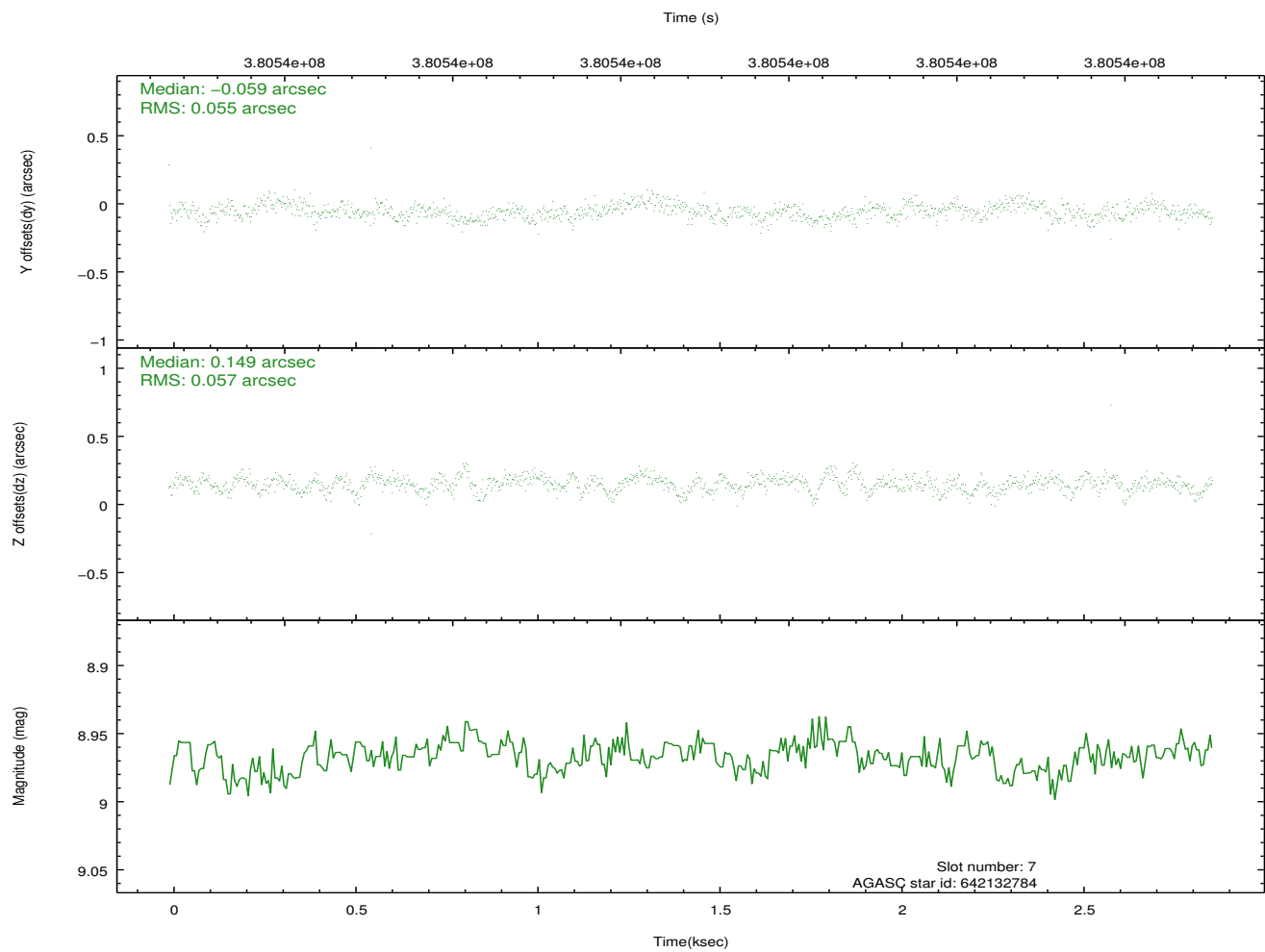
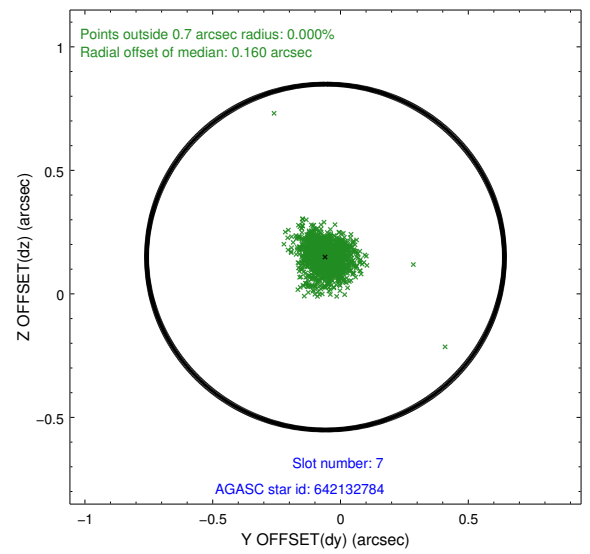
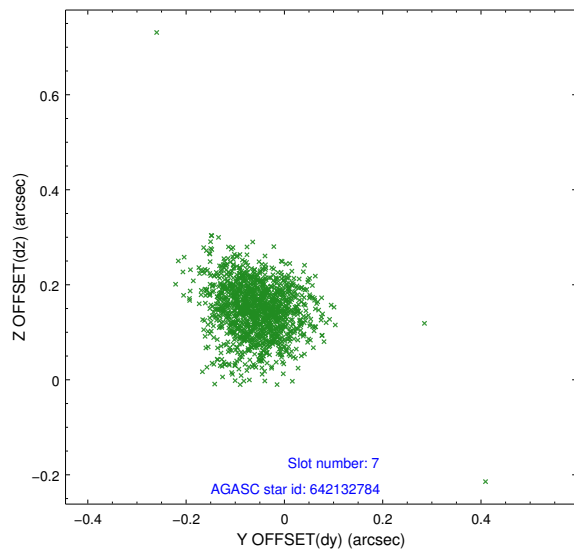
2.4.3 Slot 5



2.4.4 Slot 6

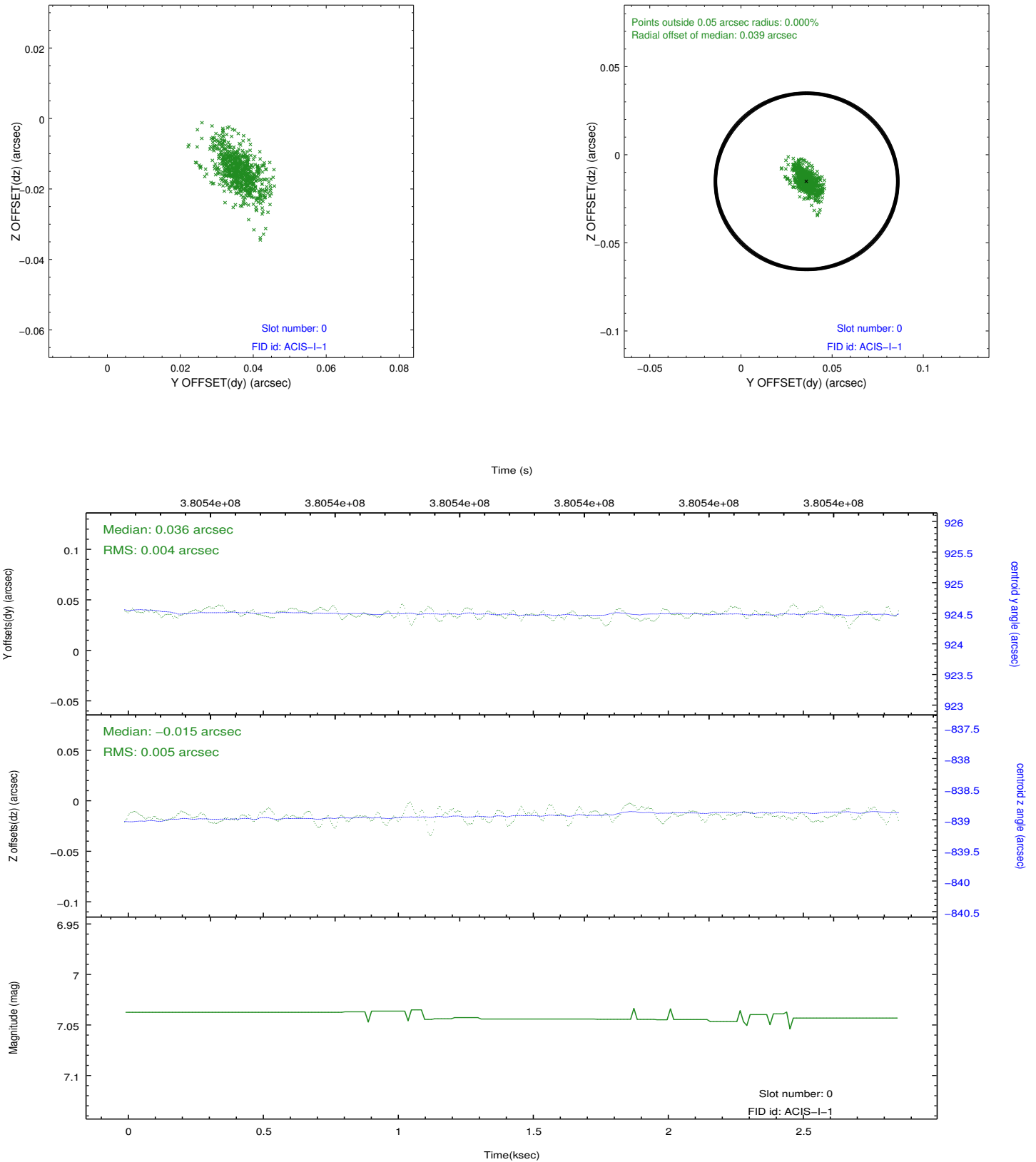


2.4.5 Slot 7

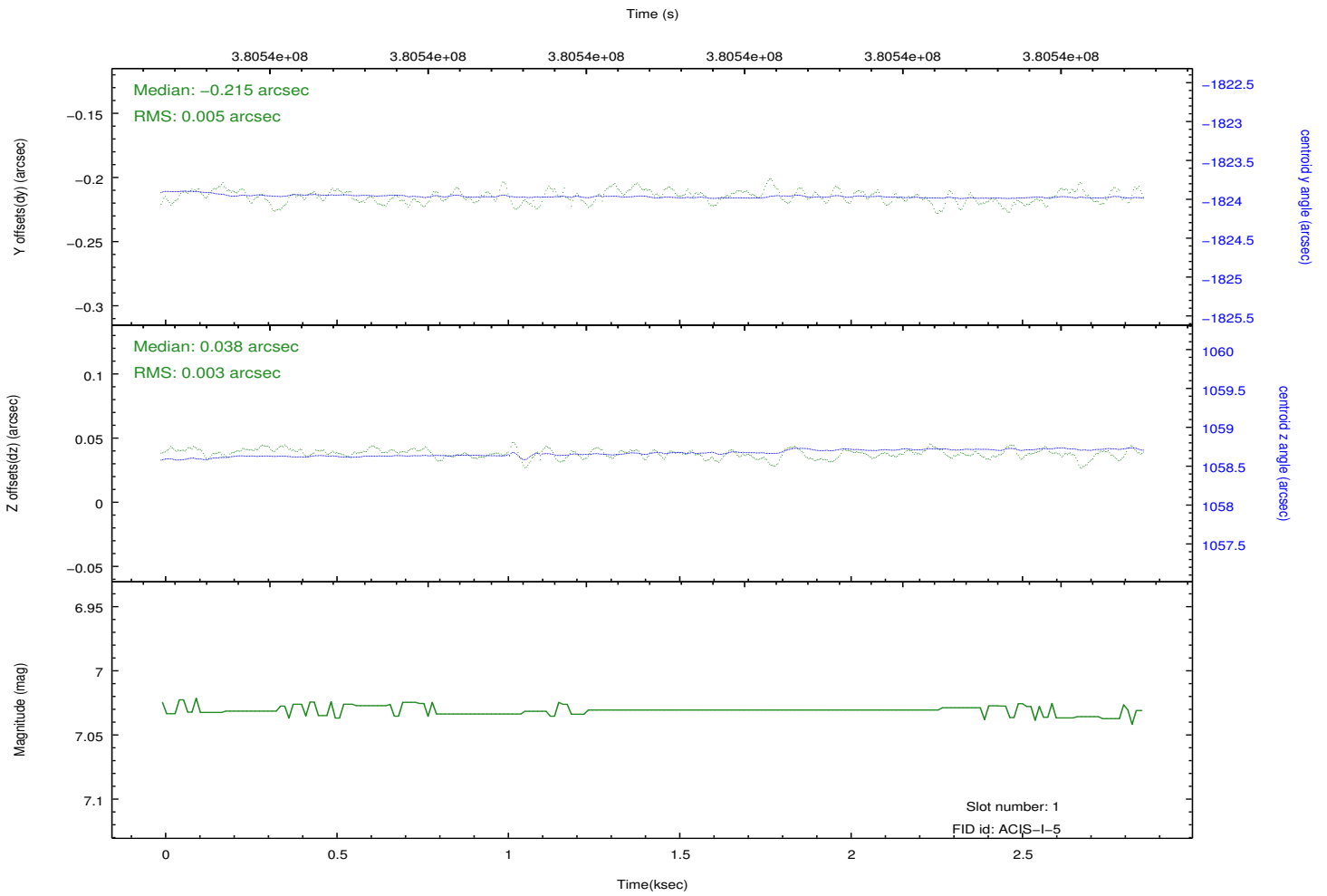
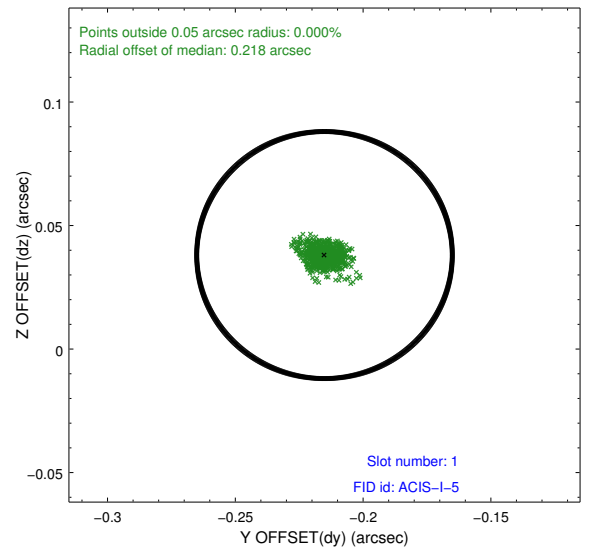
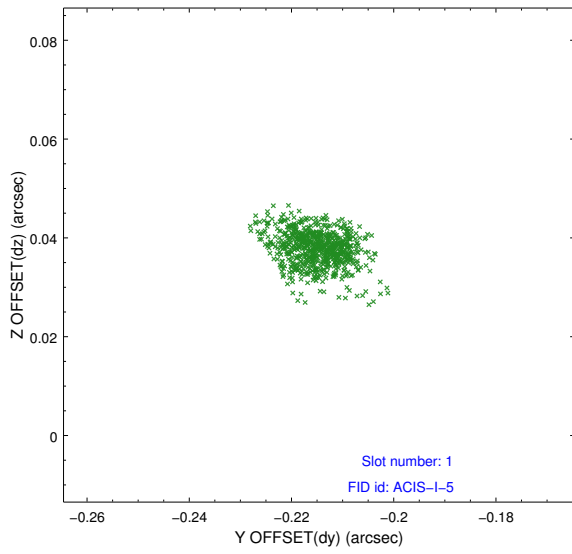


2.5 FID Slots

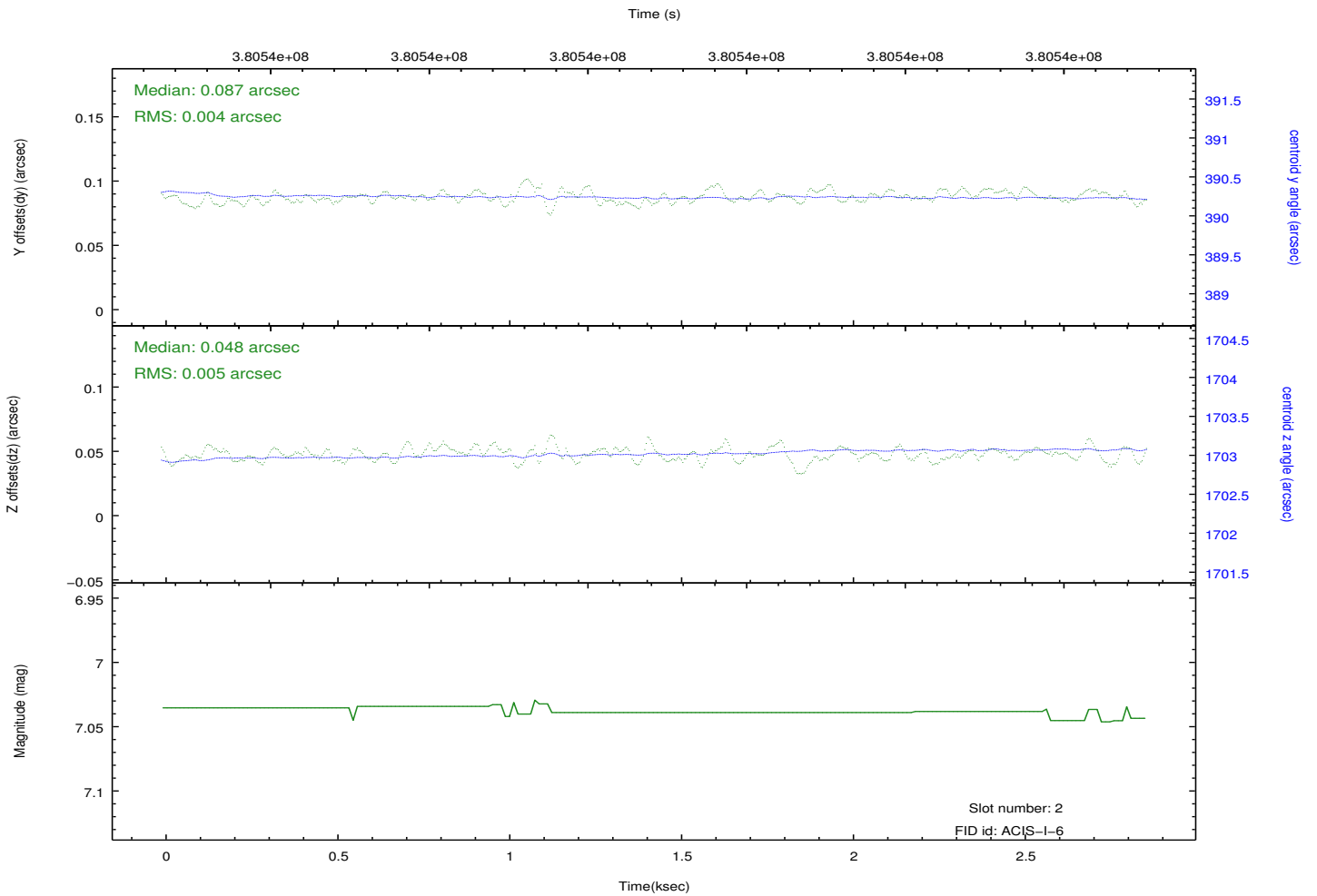
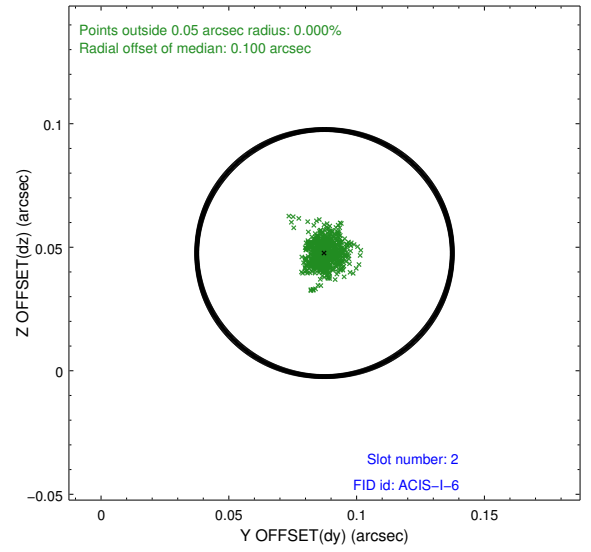
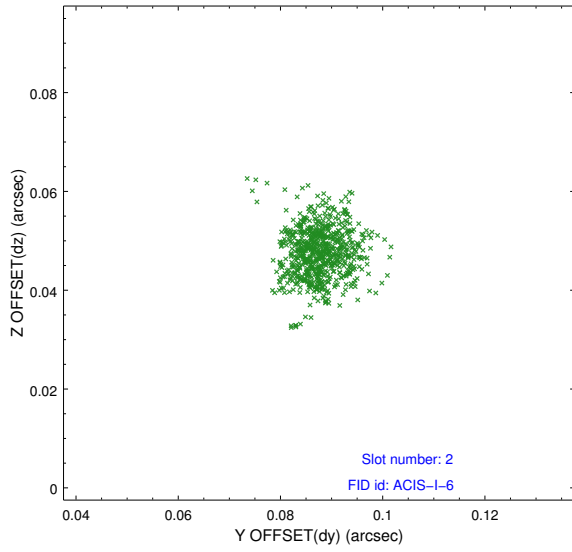
2.5.1 Slot 0



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)	2012.06.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.4722772978544

A.2 Comments