

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 8213 - L2 Version 2
Chandra X-Ray Center

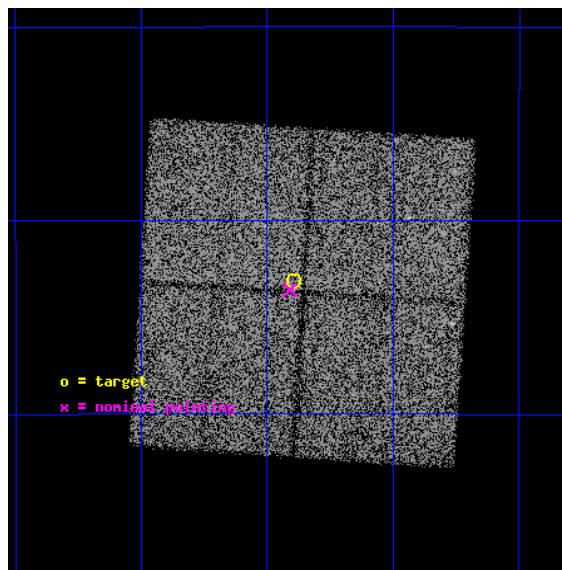
L2 Processing Date : Apr 29 2012

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1 Front

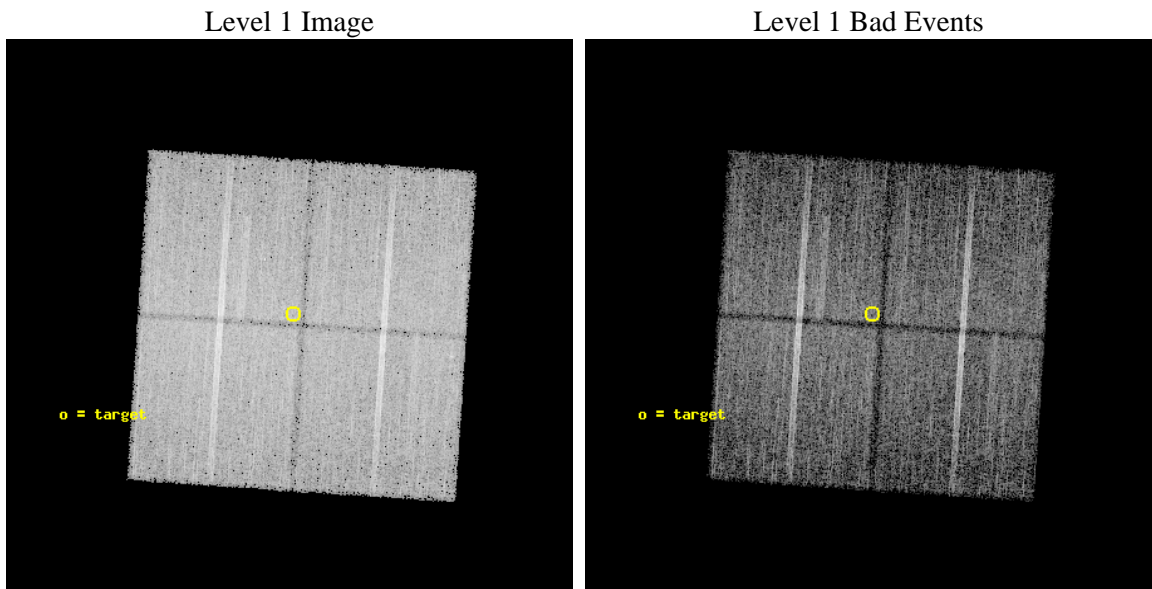
seq_num	600648	Sequence number
obs_id	8213	Observation id
title	Galactic Bulge Latitude Survey-2	Proposal title
observer	Professor Johnathan Grindlay	Principal investigator
object	GBW29	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	266.099167	Observer's specified target RA [deg]
dec_targ	-28.552236	Observer's specified target Dec [deg]
ra_nom	266.10247493956	Nominal RA [deg]
dec_nom	-28.559775270665	Nominal Dec [deg]
roll_nom	273.81027075544	Nominal Roll [deg]
revision	2	Processing version of data
ontime	14703.259122908	Sum of GTIs [s]
livetime	14511.150218085	Livetime [s]
ontime0	14706.400113106	Sum of GTIs [s]
ontime1	14703.259142816	Sum of GTIs [s]
ontime2	14706.400113106	Sum of GTIs [s]
ontime3	14703.259122908	Sum of GTIs [s]
l2events	70302	Number of level 2 events



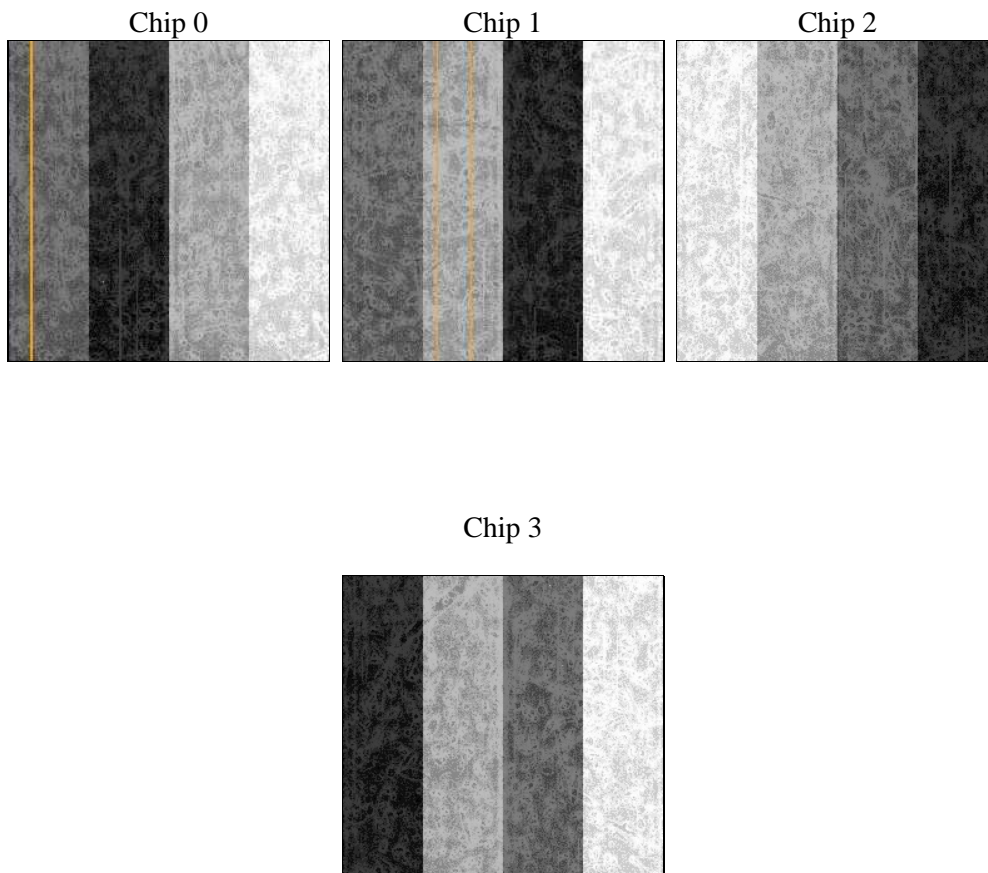
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	14913.855000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	14703.259122908	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	14706.400113106	Sum of GTIs [s]
date	2012-04-29T02:22:56	Date and time of file creation	ontime1	14703.259142816	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	14706.400113106	Sum of GTIs [s]
			ontime3	14703.259122908	Sum of GTIs [s]
			l1events	551069	Number of level 1 events

2.1.4 Events

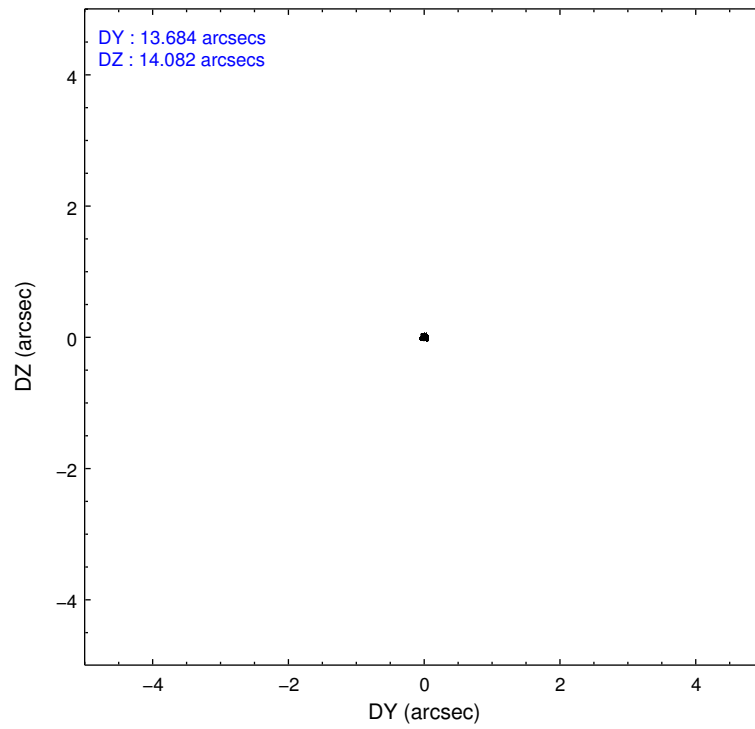
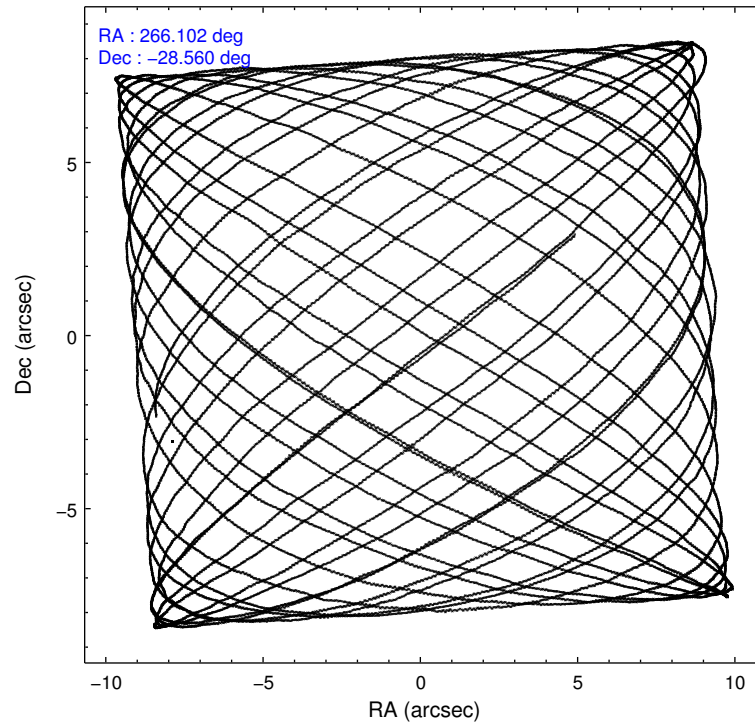
	ccd 0	ccd 1	ccd 2	ccd 3
level 1 events	129125	134034	145687	142223
rejected events	109361	112937	125847	122134
rejected %	84%	84%	86%	85%

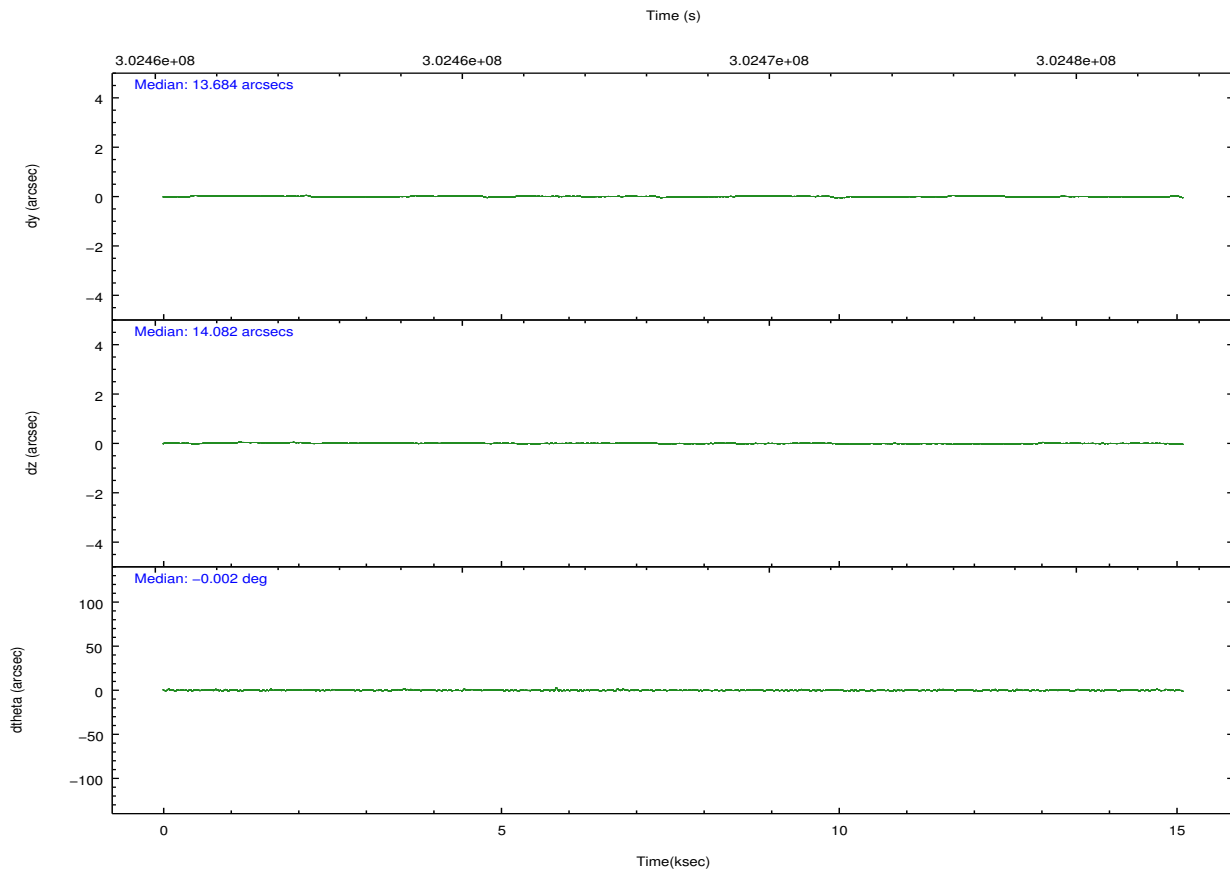
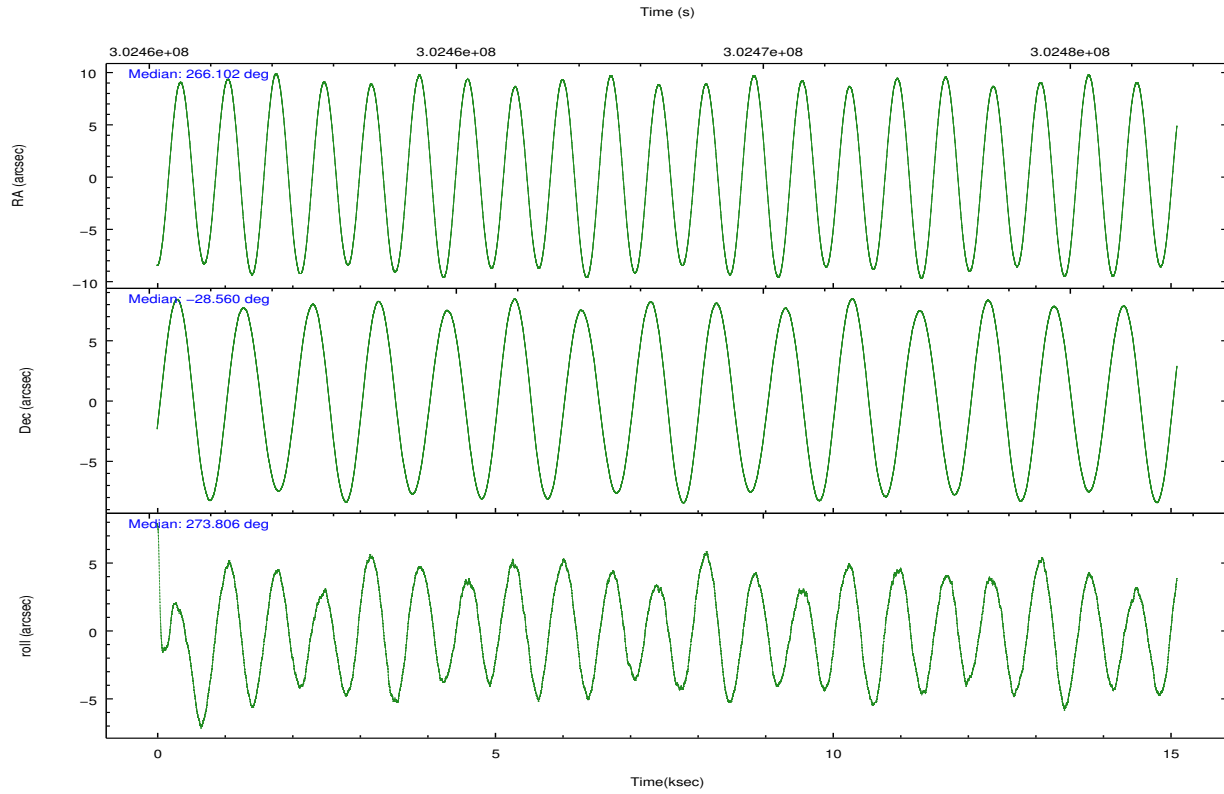
	ccd 0	ccd 1	ccd 2	ccd 3
grade 0 events	9076	9224	9642	9812
	7%	6%	6%	6%
grade 1 events	82	73	116	118
	0%	0%	0%	0%
grade 2 events	4127	4633	4004	3773
	3%	3%	2%	2%
grade 3 events	1763	1832	1647	1698
	1%	1%	1%	1%
grade 4 events	1581	1764	1637	1614
	1%	1%	1%	1%
grade 5 events	5823	6138	5484	6624
	4%	4%	3%	4%
grade 6 events	3224	3650	2914	3199
	2%	2%	2%	2%
grade 7 events	103449	106720	120243	115385
	80%	79%	82%	81%

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	266.084953	266.1024749395568	Subarray requested	NONE	NONE
[deg] Pointing Dec	-28.536991	-28.55977527066455	Alternating exposures requested	N	N
[deg] Pointing Roll	273.593210	273.8102707554379	[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)	302461070.184000	302460694.14772			
Observation start date	2007-08-02T16:56:45	2007-08-02T16:51:34			
[s] Observation end time (MET)	302475984.184000	302476219.31096			
Observation end date	2007-08-02T21:05:19	2007-08-02T21:10:19			
Read mode	TIMED	TIMED			

2.3 Aspect



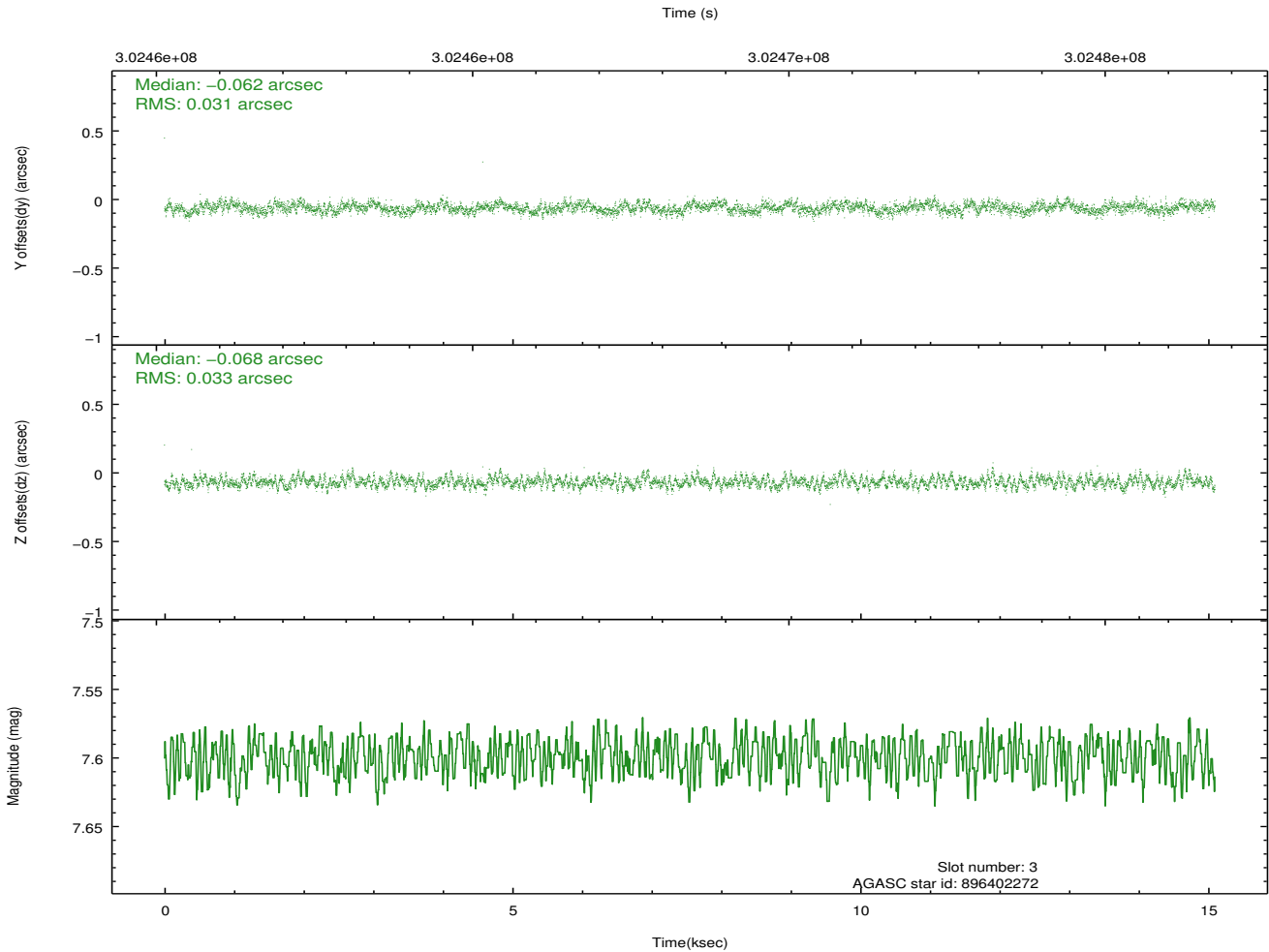
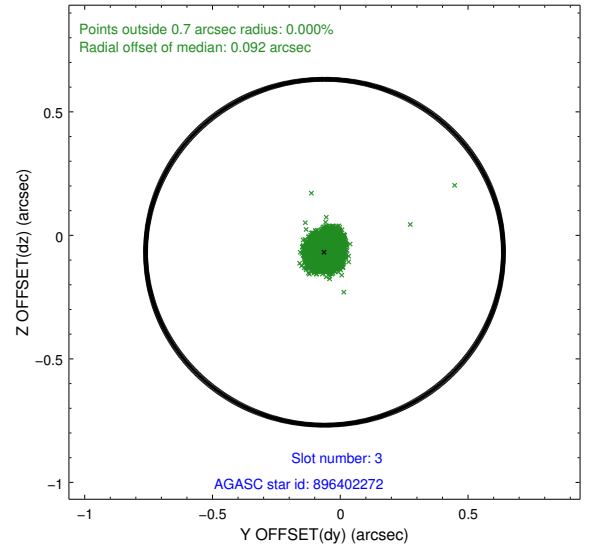
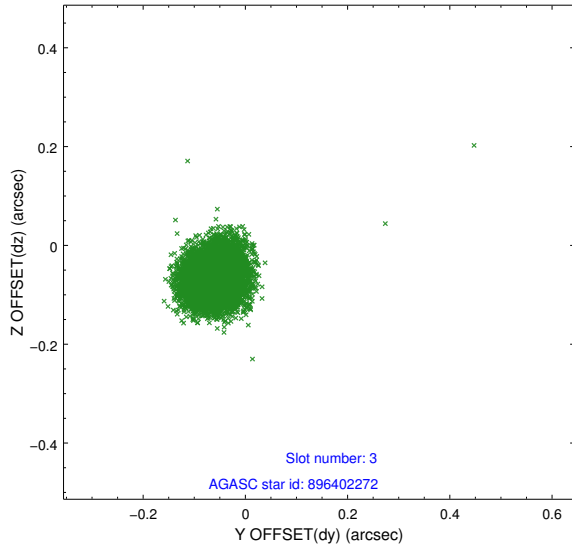


Slot Statistics

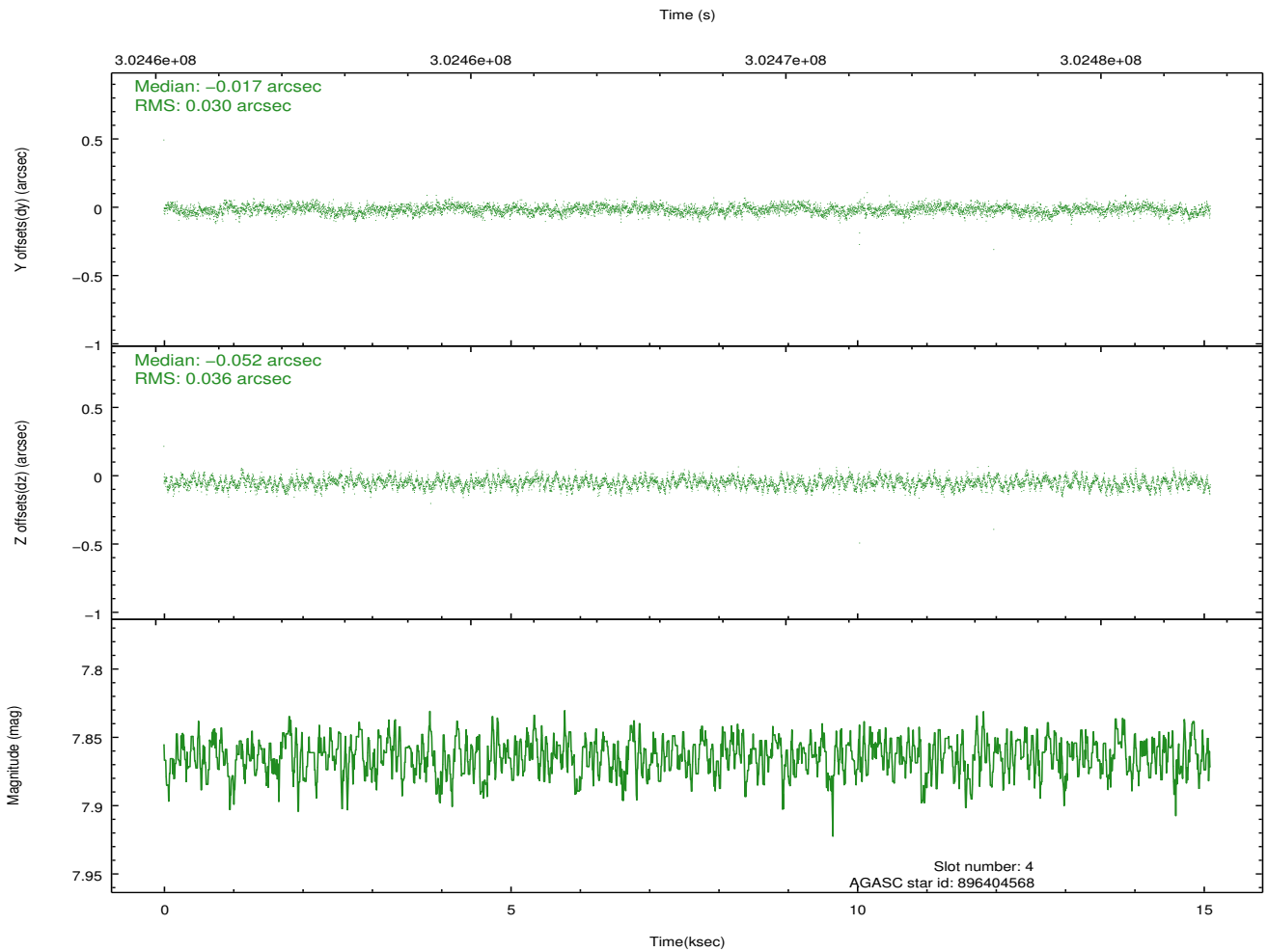
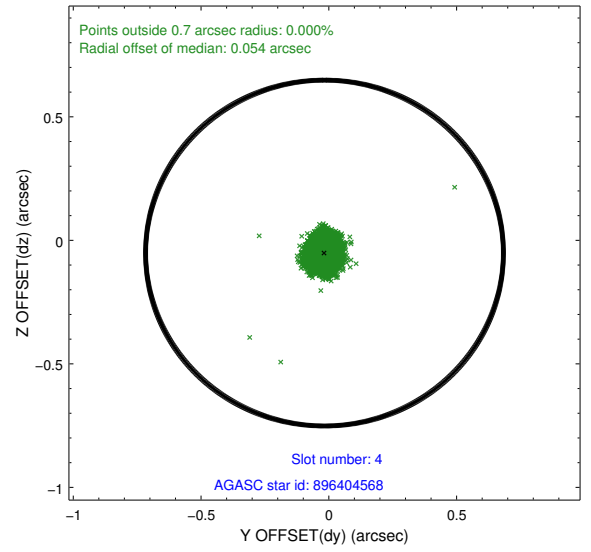
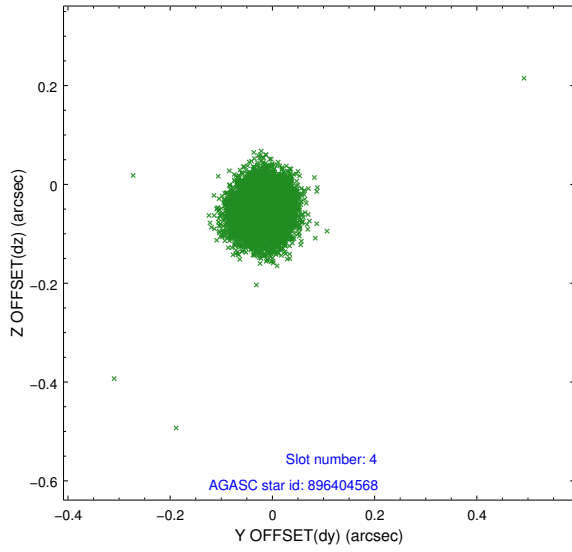
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.23	3681	0.036	0.006	0.006	0.011	0.000000	0.000000	925.85	-837.64
1	FID	ACIS-I-5	7.22	3681	-0.228	0.039	0.006	0.011	0.000000	0.000000	-1822.37	1059.70
2	FID	ACIS-I-6	7.24	3680	0.101	0.025	0.007	0.011	0.000000	0.000000	391.11	1704.55
3	GUIDE	896402272	7.60	7365	-0.062	-0.068	0.048	0.076	265.637294	-28.313189	-890.06	-1365.71
4	GUIDE	896404568	7.86	7361	-0.017	-0.052	0.050	0.078	265.687293	-28.431080	-457.10	-1232.85
5	GUIDE	896534128	8.70	7358	0.029	0.097	0.059	0.098	266.503837	-29.080853	2039.14	1192.69
6	GUIDE	896537176	8.02	7365	-0.012	0.000	0.072	0.118	266.498272	-28.678259	592.09	1271.15
7	GUIDE	896540672	8.99	7354	0.063	0.028	0.084	0.135	266.662941	-28.185372	-1143.76	1909.71

2.4 Star Slots

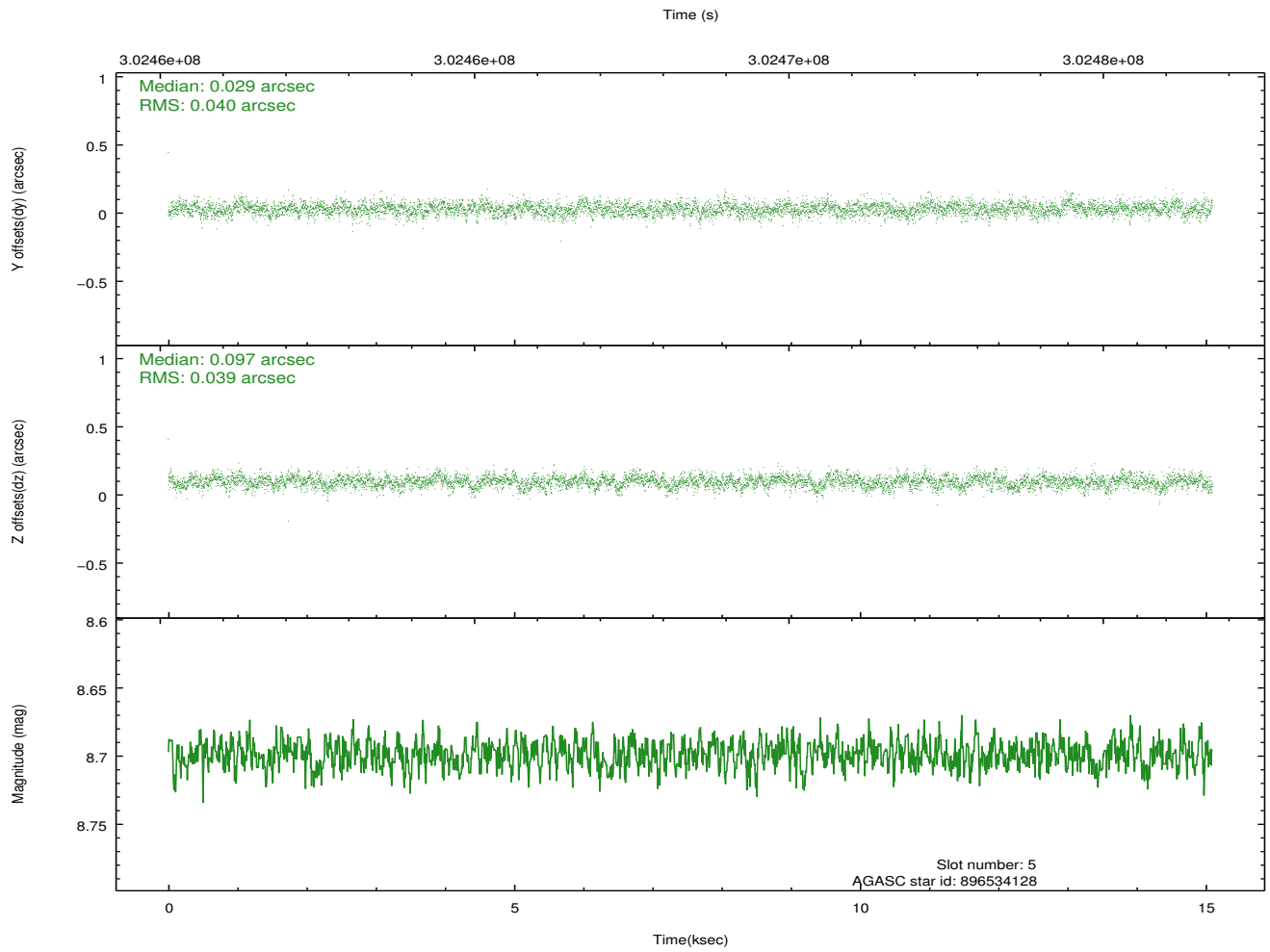
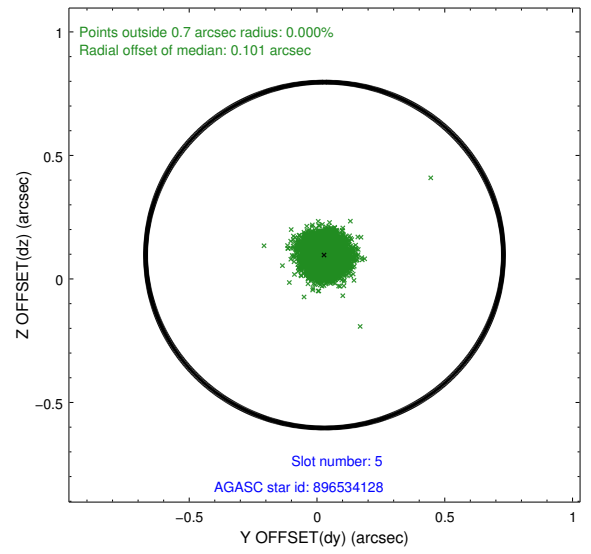
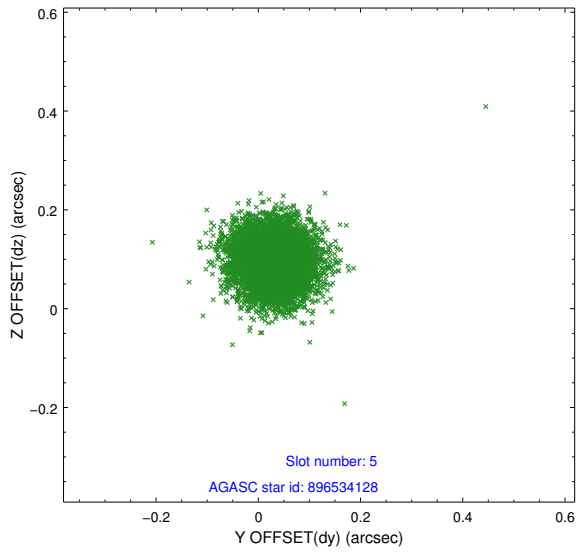
2.4.1 Slot 3



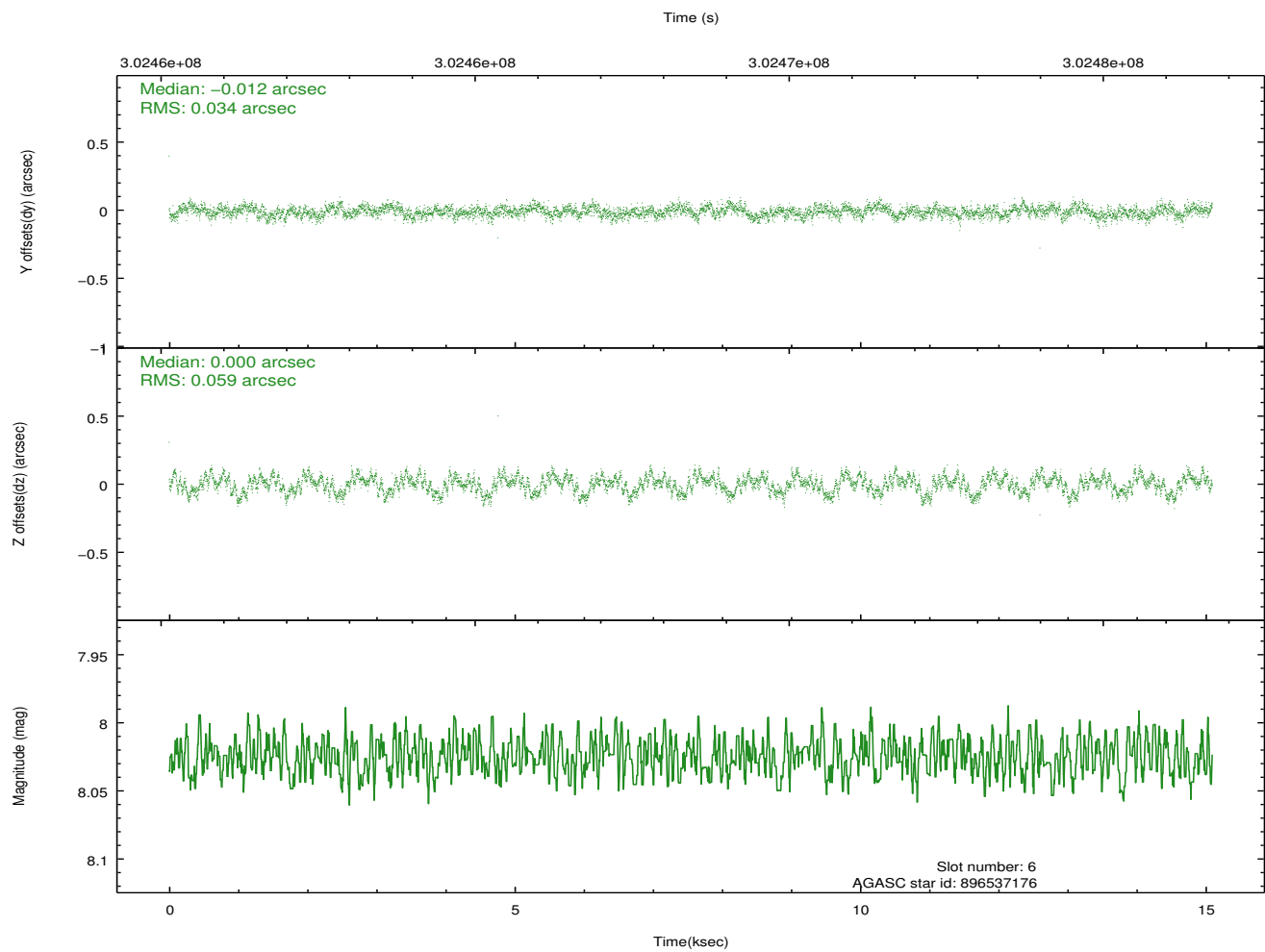
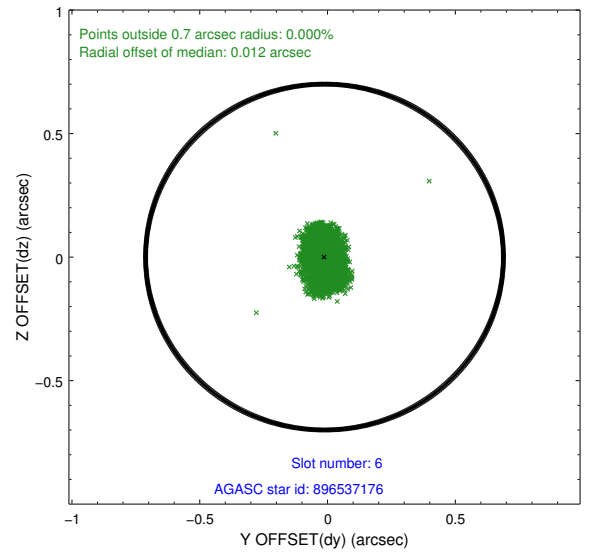
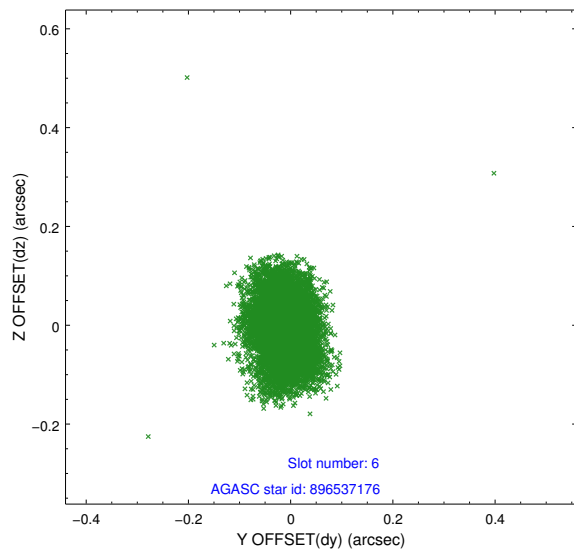
2.4.2 Slot 4



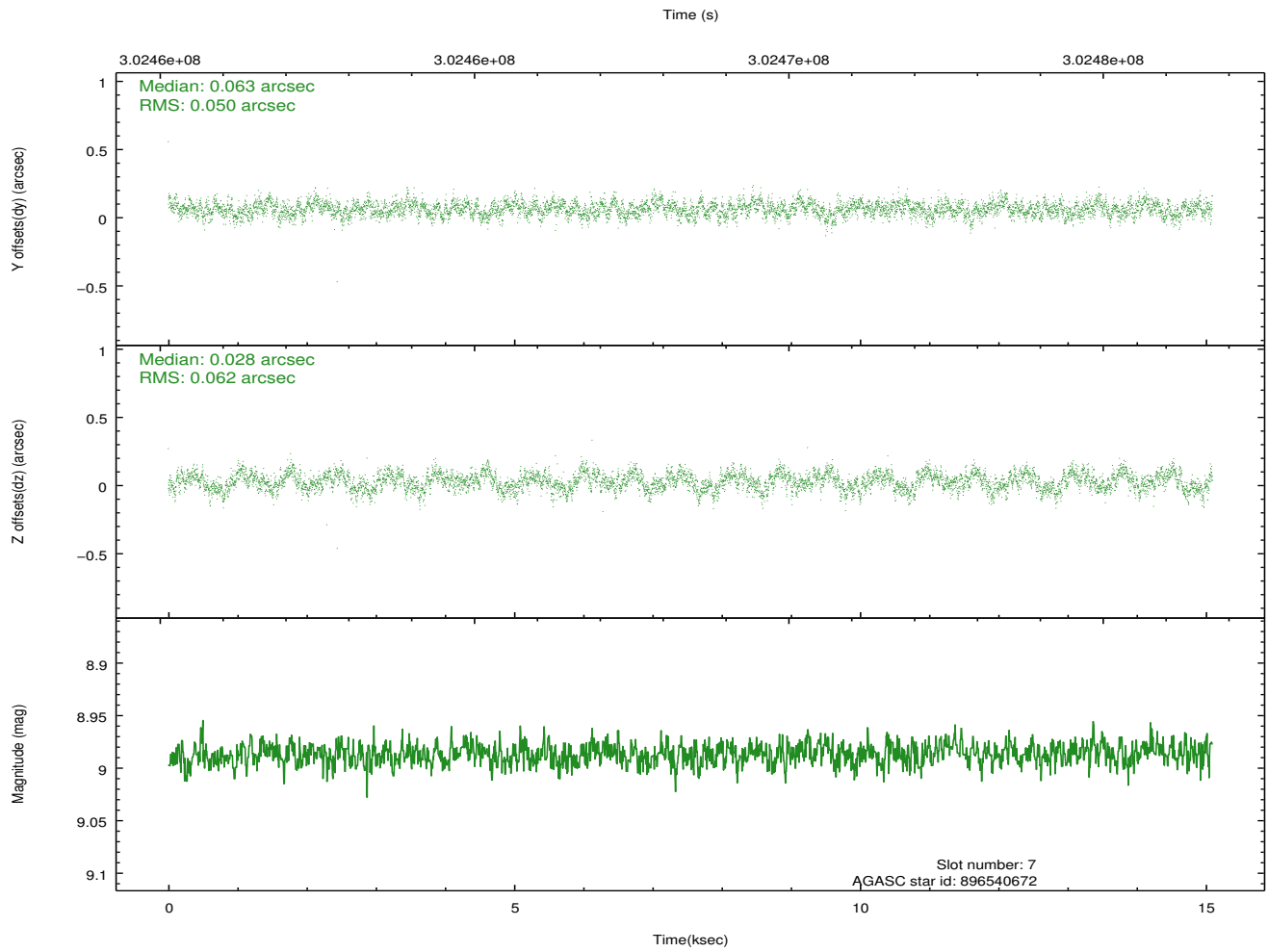
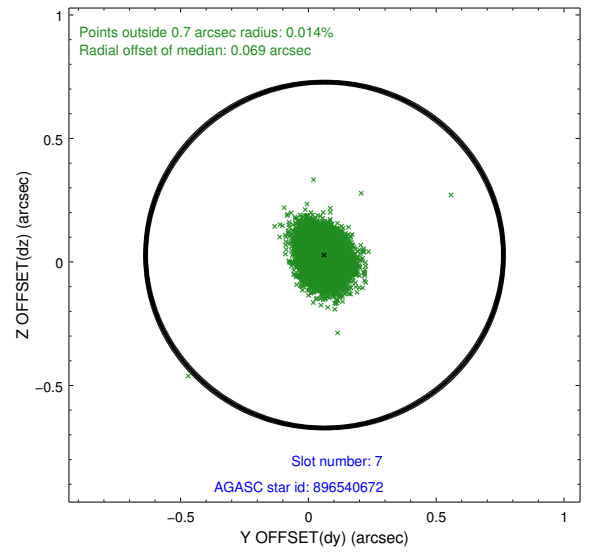
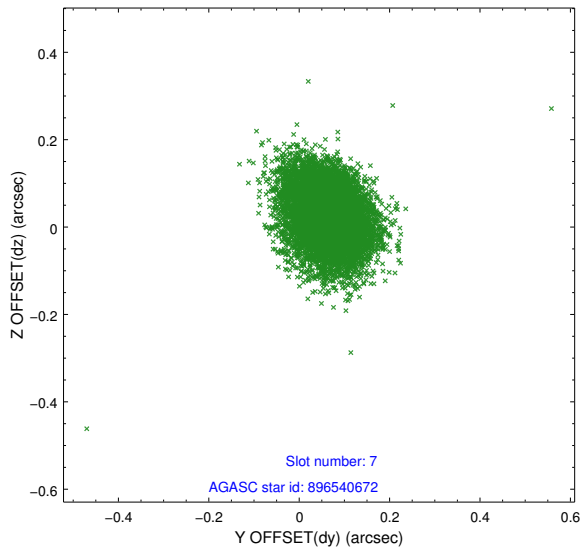
2.4.3 Slot 5



2.4.4 Slot 6

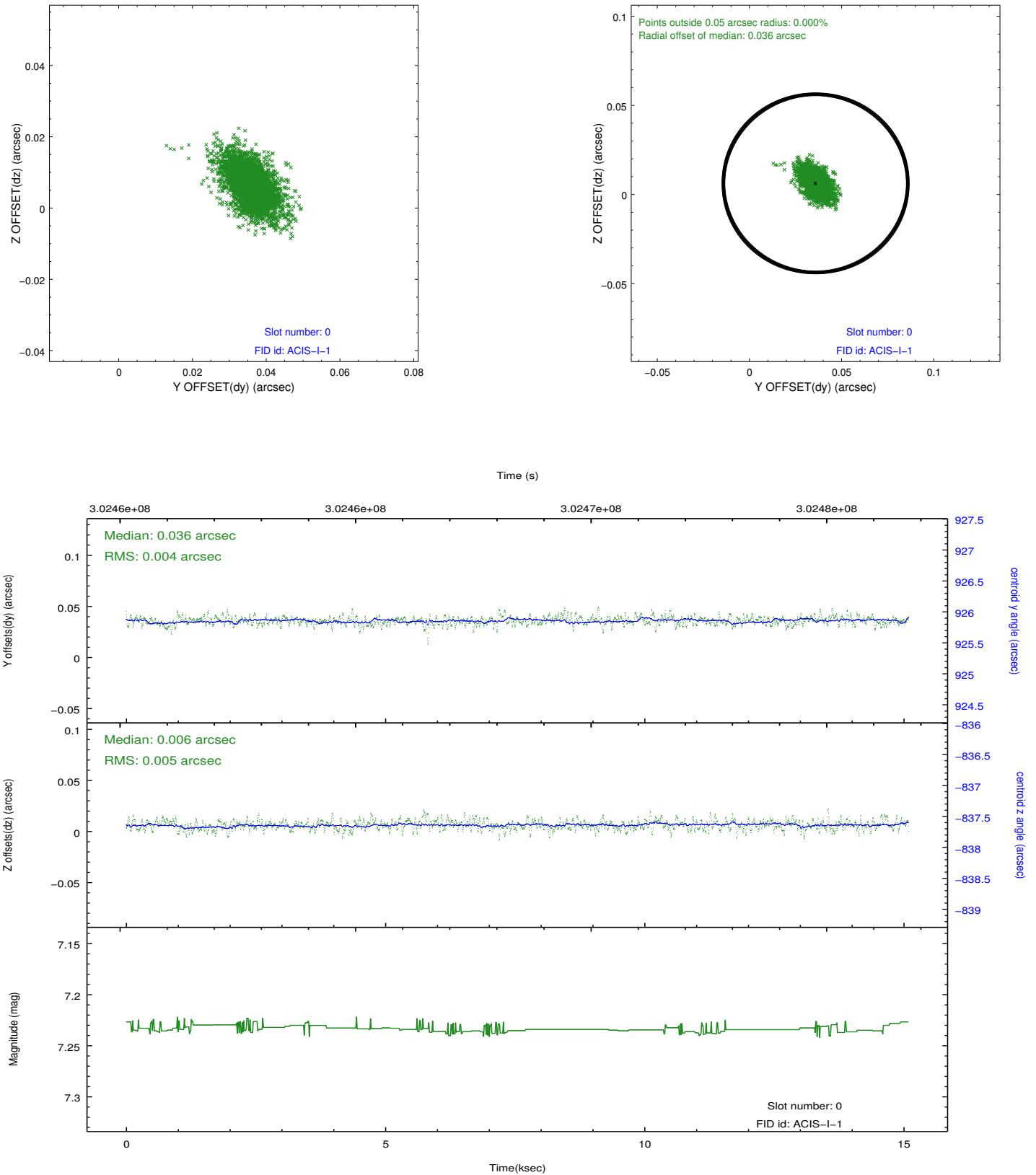


2.4.5 Slot 7

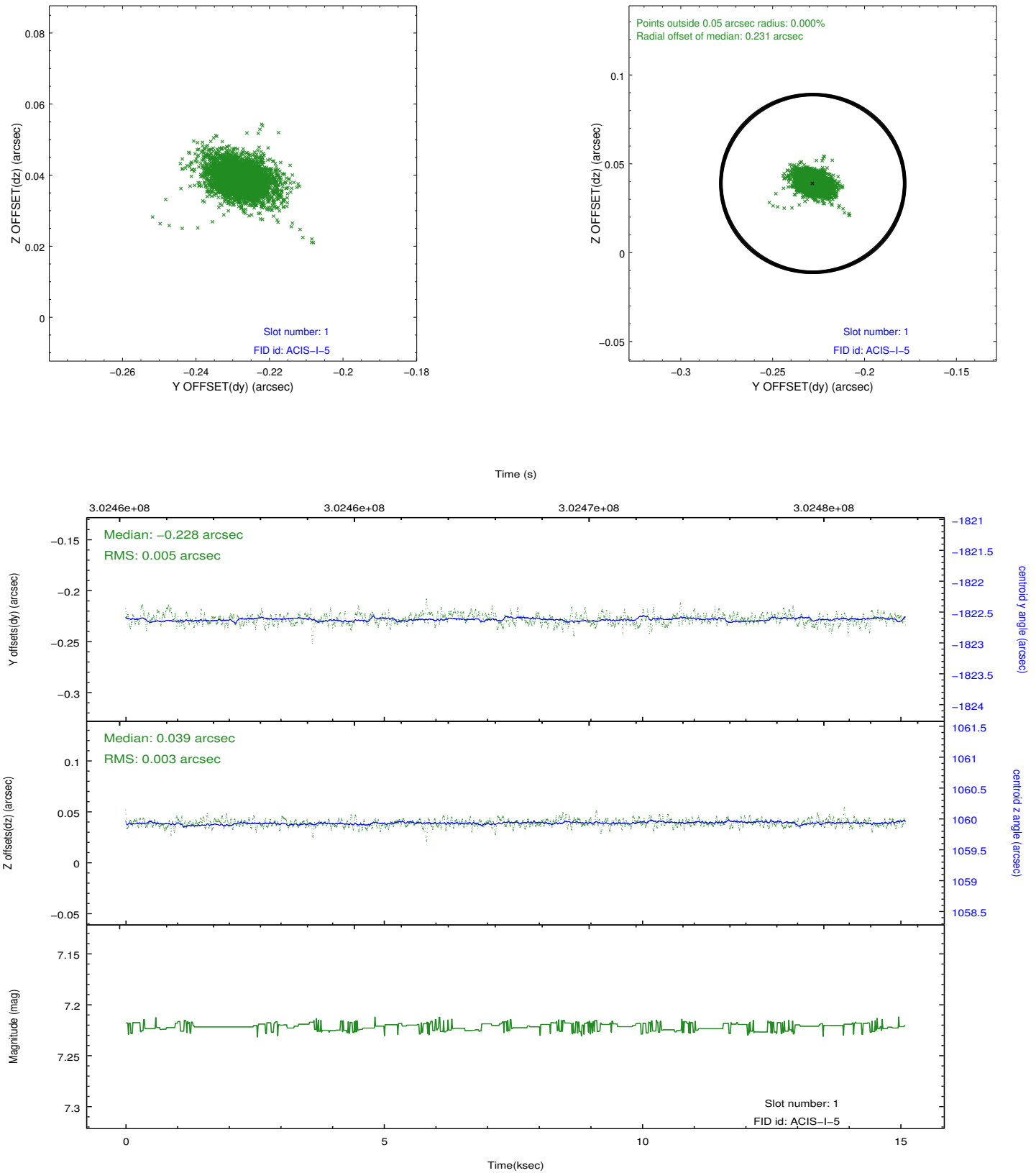


2.5 FID Slots

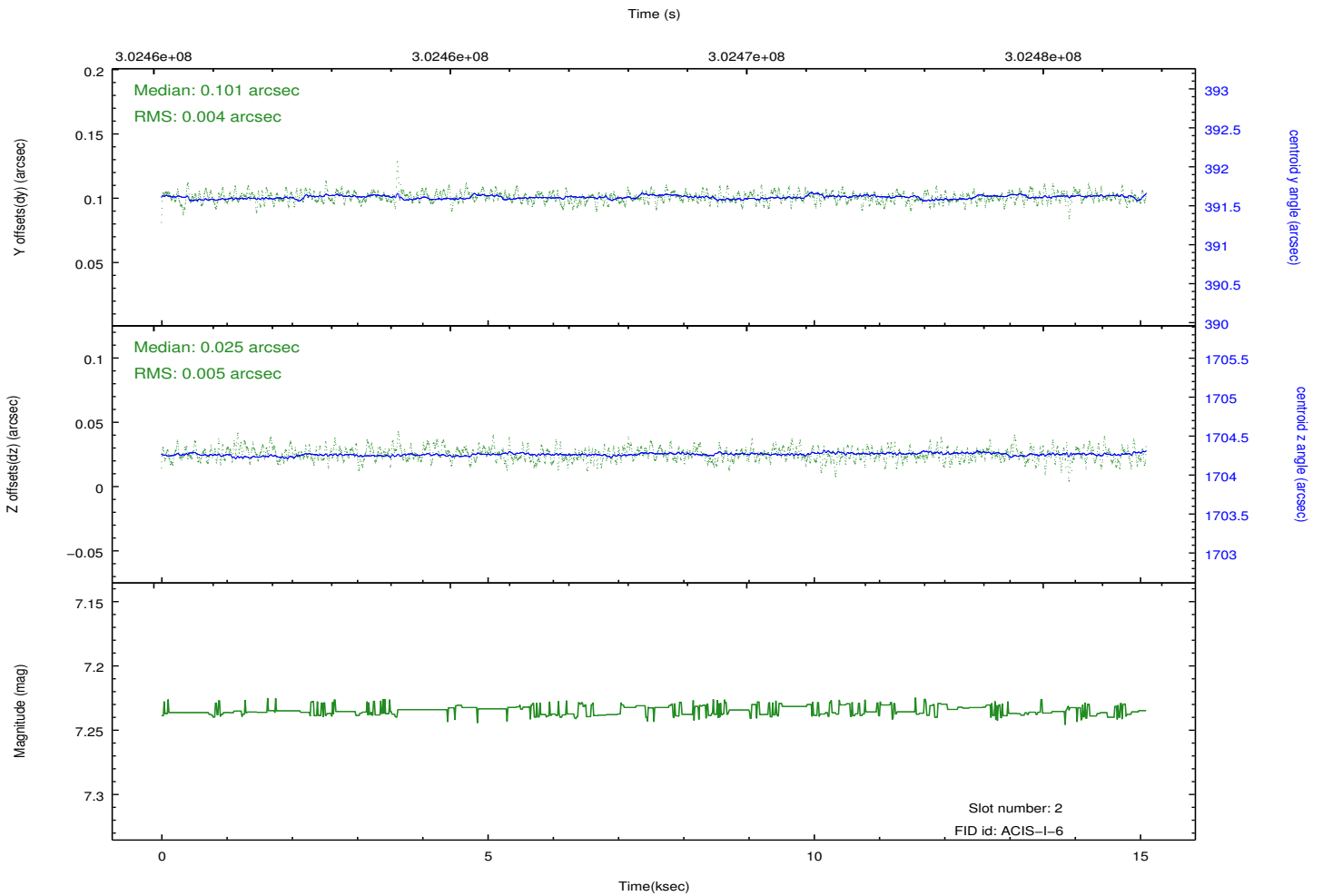
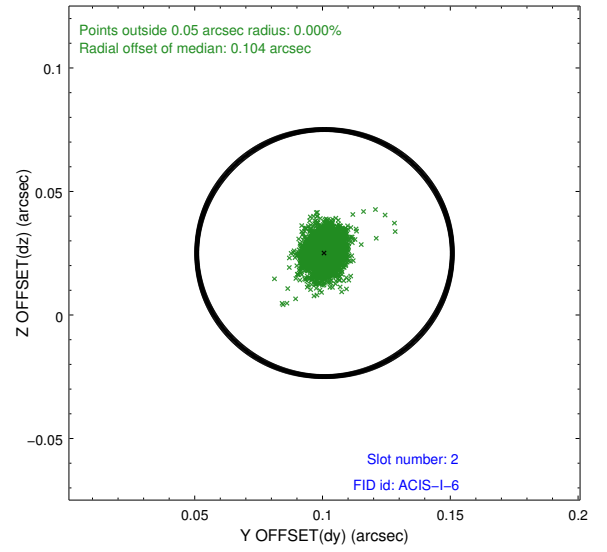
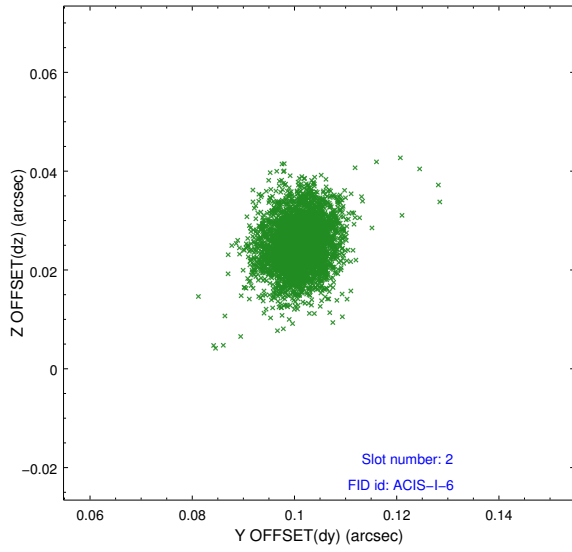
2.5.1 Slot 0



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)	2012.05.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	14.7032591

A.2 Comments

Joint Proposal: NOAO. Roll preference met.