

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11636 - L2 Version 2
Chandra X-Ray Center

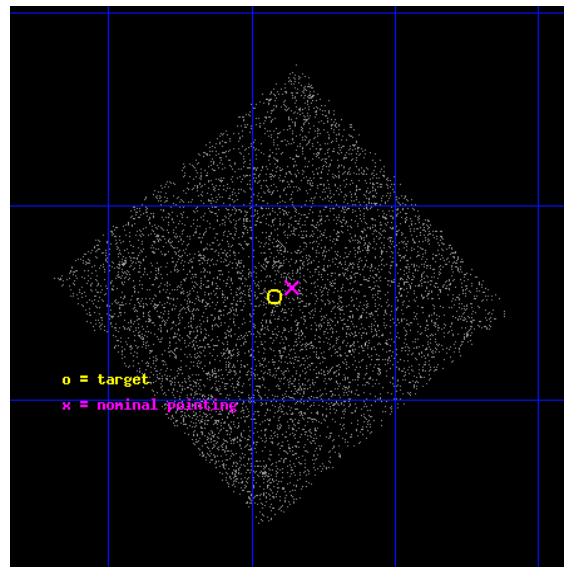
L2 Processing Date : Jun 20 2012

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1 Front

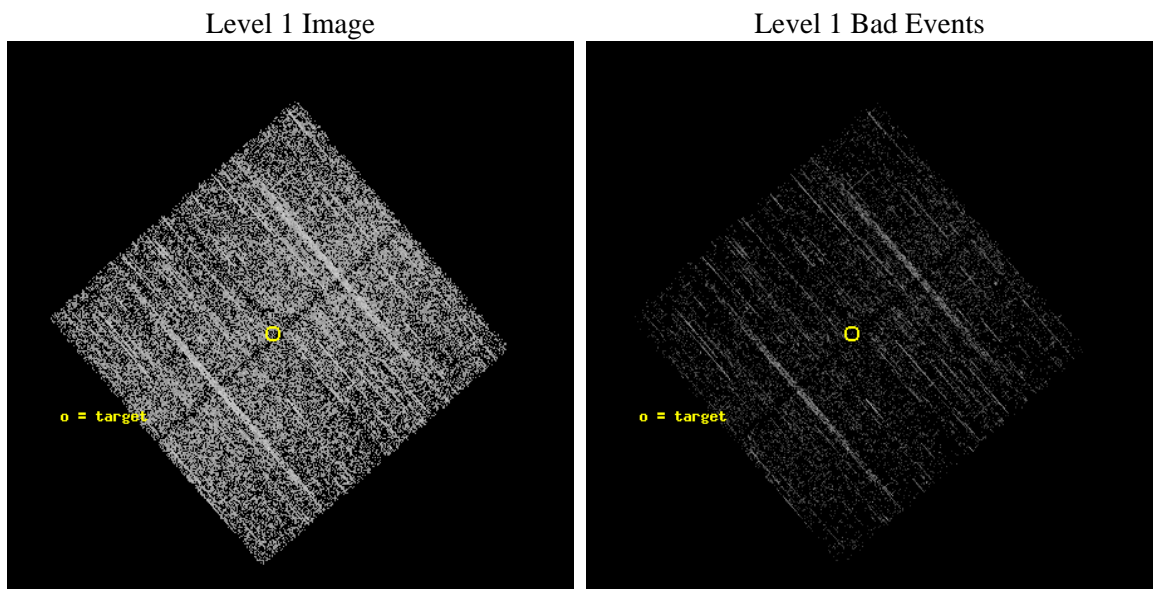
seq_num	702222	Sequence number
obs_id	11636	Observation id
title	AGN ignition in the galaxy group environment	Proposal title
observer	Dr. John Silverman	Principal investigator
object	2PIGG_m1320	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	154.480417	Observer's specified target RA [deg]
dec_targ	-1.411583	Observer's specified target Dec [deg]
ra_nom	154.46524125662	Nominal RA [deg]
dec_nom	-1.4036214683226	Nominal Dec [deg]
roll_nom	48.983955864387	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2473.8000190258	Sum of GTIs [s]
livetime	2441.4780005922	Livetime [s]
ontime0	2473.8000190258	Sum of GTIs [s]
ontime1	2473.8000190258	Sum of GTIs [s]
ontime2	2470.6590287685	Sum of GTIs [s]
ontime3	2473.8000190258	Sum of GTIs [s]
l2events	7330	Number of level 2 events



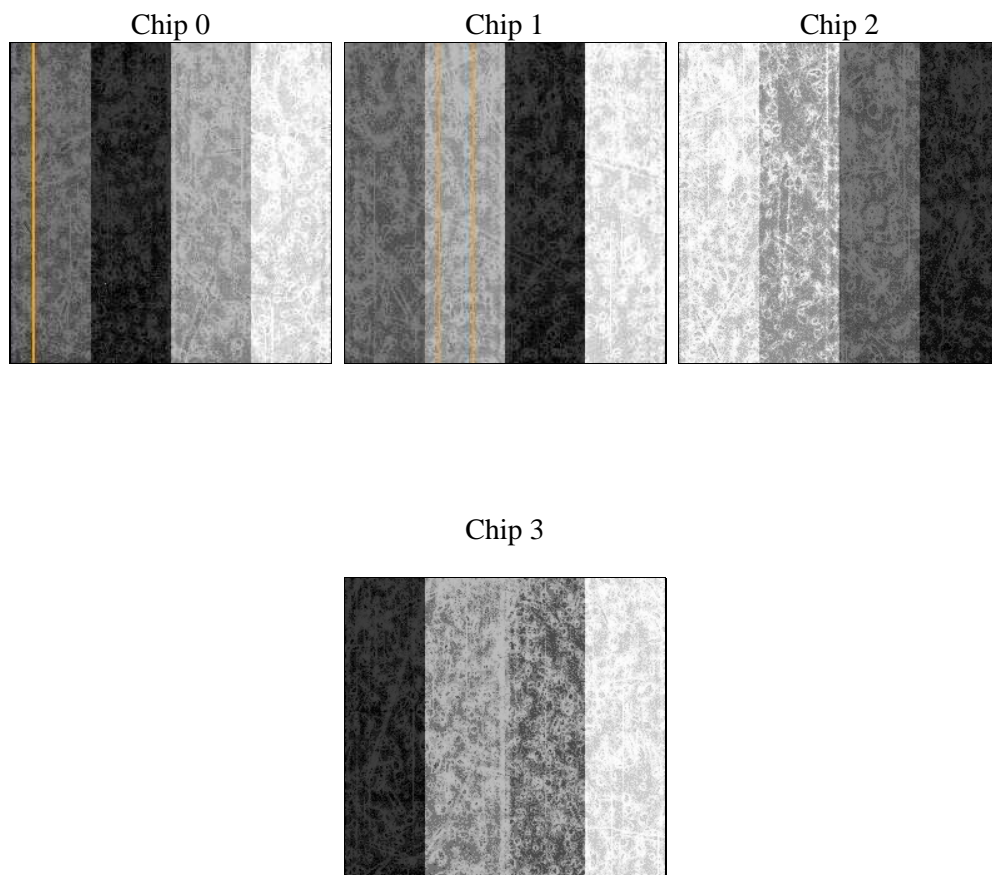
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	2680.752000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	2473.8000190258	Sum of GTIs [s]
caldsver	4.4.10	 	ontime0	2473.8000190258	Sum of GTIs [s]
date	2012-06-20T11:58:42	Date and time of file creation	ontime1	2473.8000190258	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	2470.6590287685	Sum of GTIs [s]
			ontime3	2473.8000190258	Sum of GTIs [s]
			l1events	80840	Number of level 1 events

2.1.4 Events

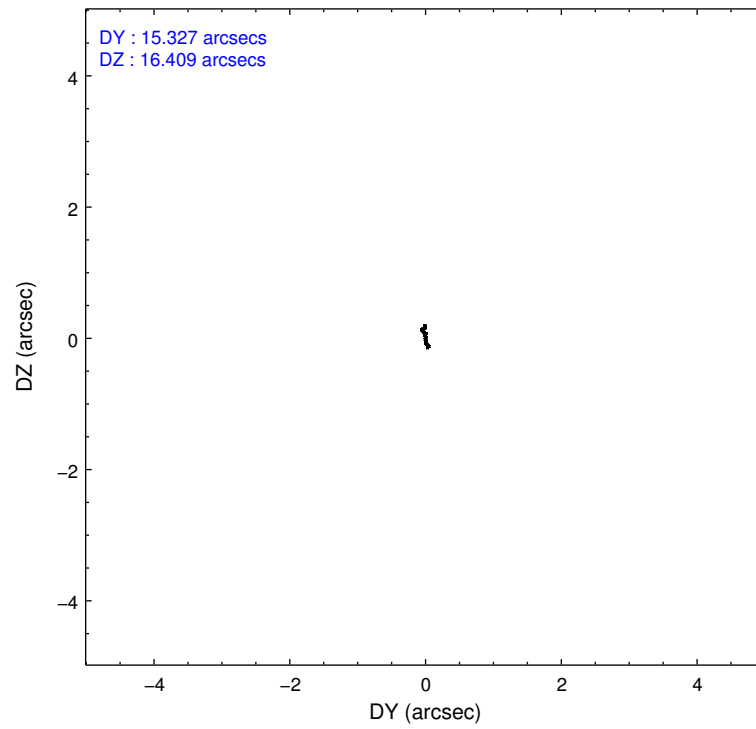
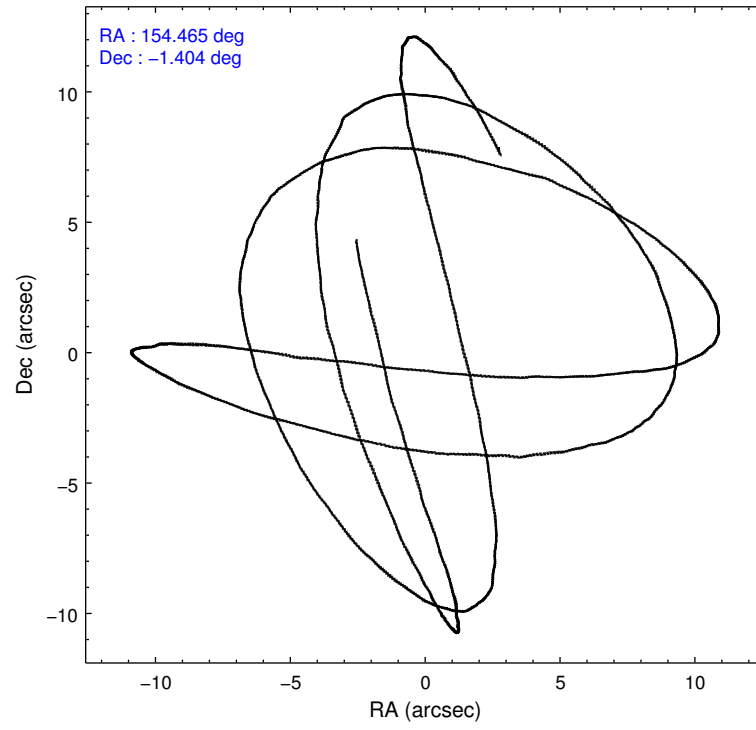
	ccd 0	ccd 1	ccd 2	ccd 3
level 1 events	19508	18768	21460	21104
rejected events	17312	16331	19258	19047
rejected %	88%	87%	89%	90%

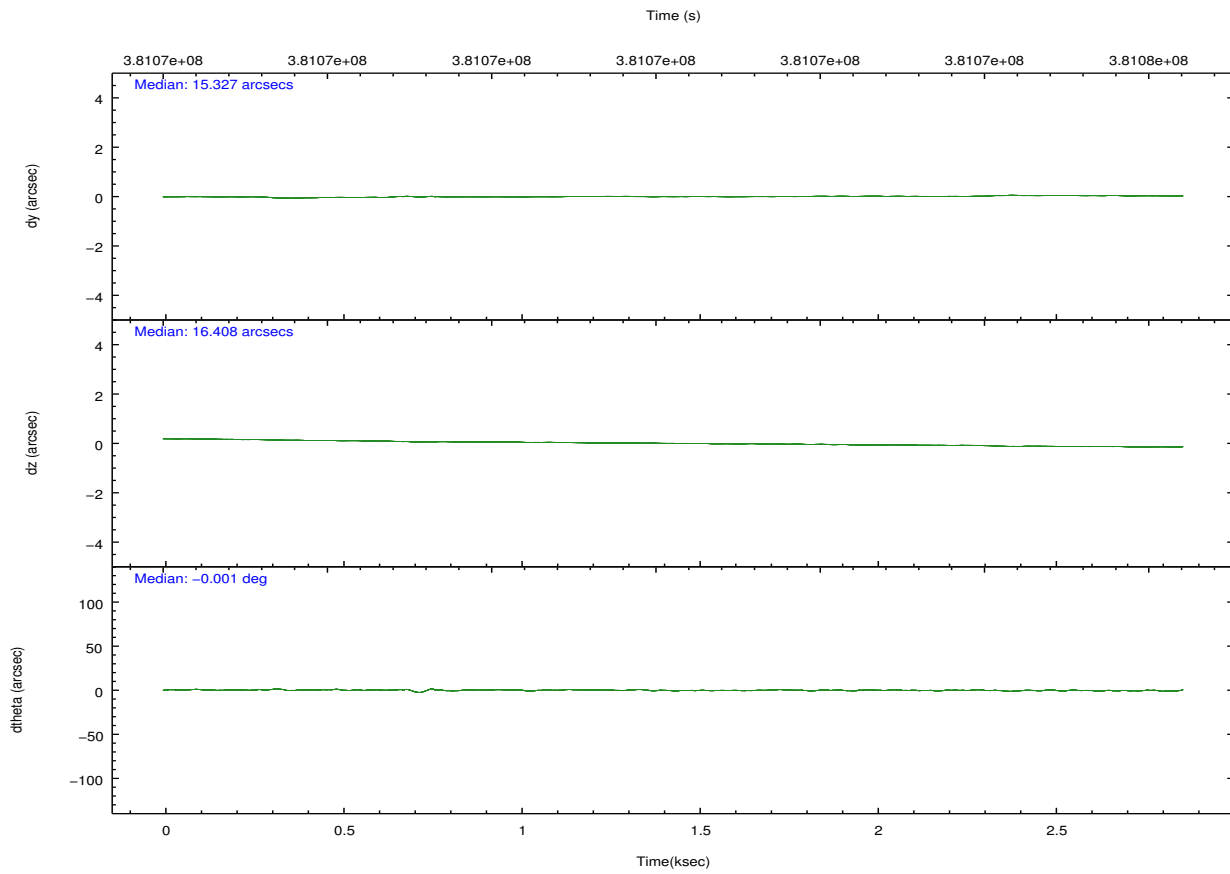
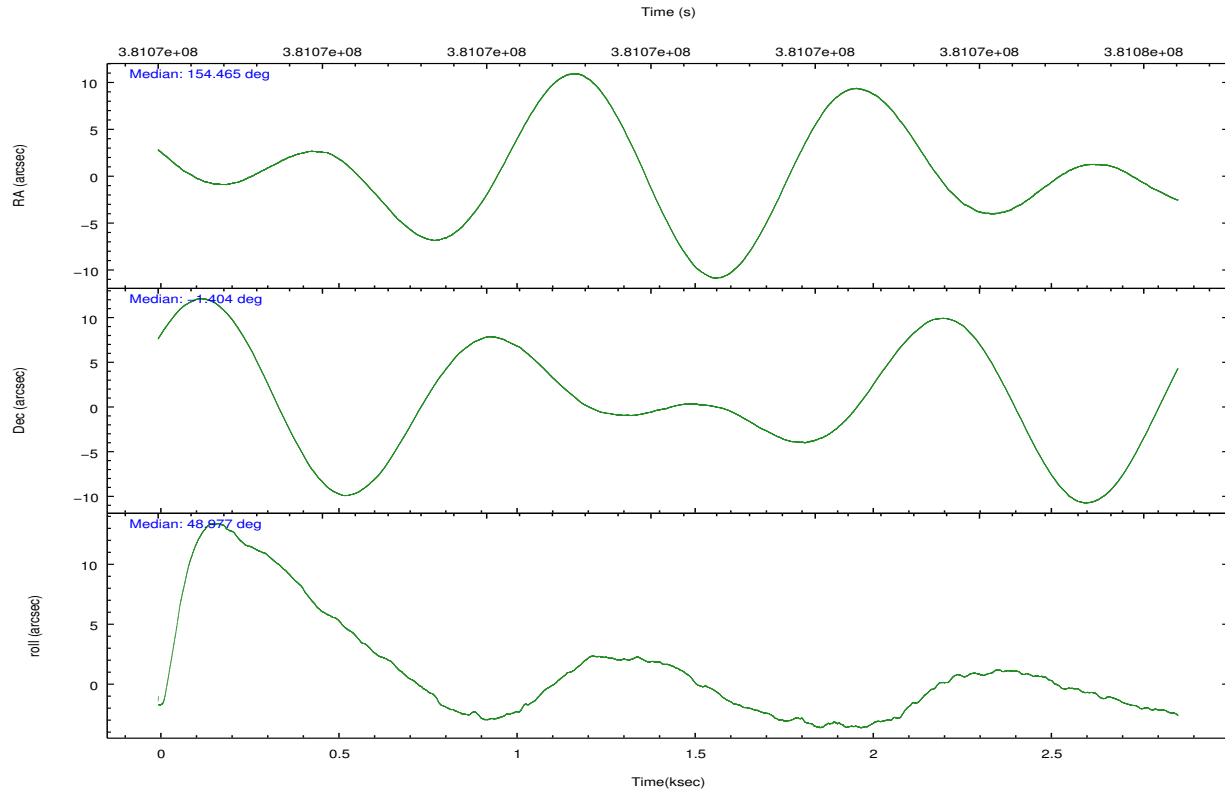
	ccd 0	ccd 1	ccd 2	ccd 3
grade 0 events	791	882	791	805
	4%	4%	3%	3%
grade 1 events	9	20	11	18
	0%	0%	0%	0%
grade 2 events	533	572	554	460
	2%	3%	2%	2%
grade 3 events	267	258	208	210
	1%	1%	0%	0%
grade 4 events	228	238	245	227
	1%	1%	1%	1%
grade 5 events	812	766	807	908
	4%	4%	3%	4%
grade 6 events	378	488	407	358
	1%	2%	1%	1%
grade 7 events	16490	15544	18437	18118
	84%	82%	85%	85%

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	154.460174	154.4652412566178	Subarray requested	NONE	NONE
[deg] Pointing Dec	-1.430630	-1.403621468322649	Alternating exposures requested	N	N
[deg] Pointing Roll	48.775126	48.98395586438655	[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)	381072302.184000	381071926.33216			
Observation start date	2010-01-28T13:23:56	2010-01-28T13:18:46			
[s] Observation end time (MET)	381074983.184000	381075260.14483			
Observation end date	2010-01-28T14:08:37	2010-01-28T14:14:20			
Read mode	TIMED	TIMED			

2.3 Aspect



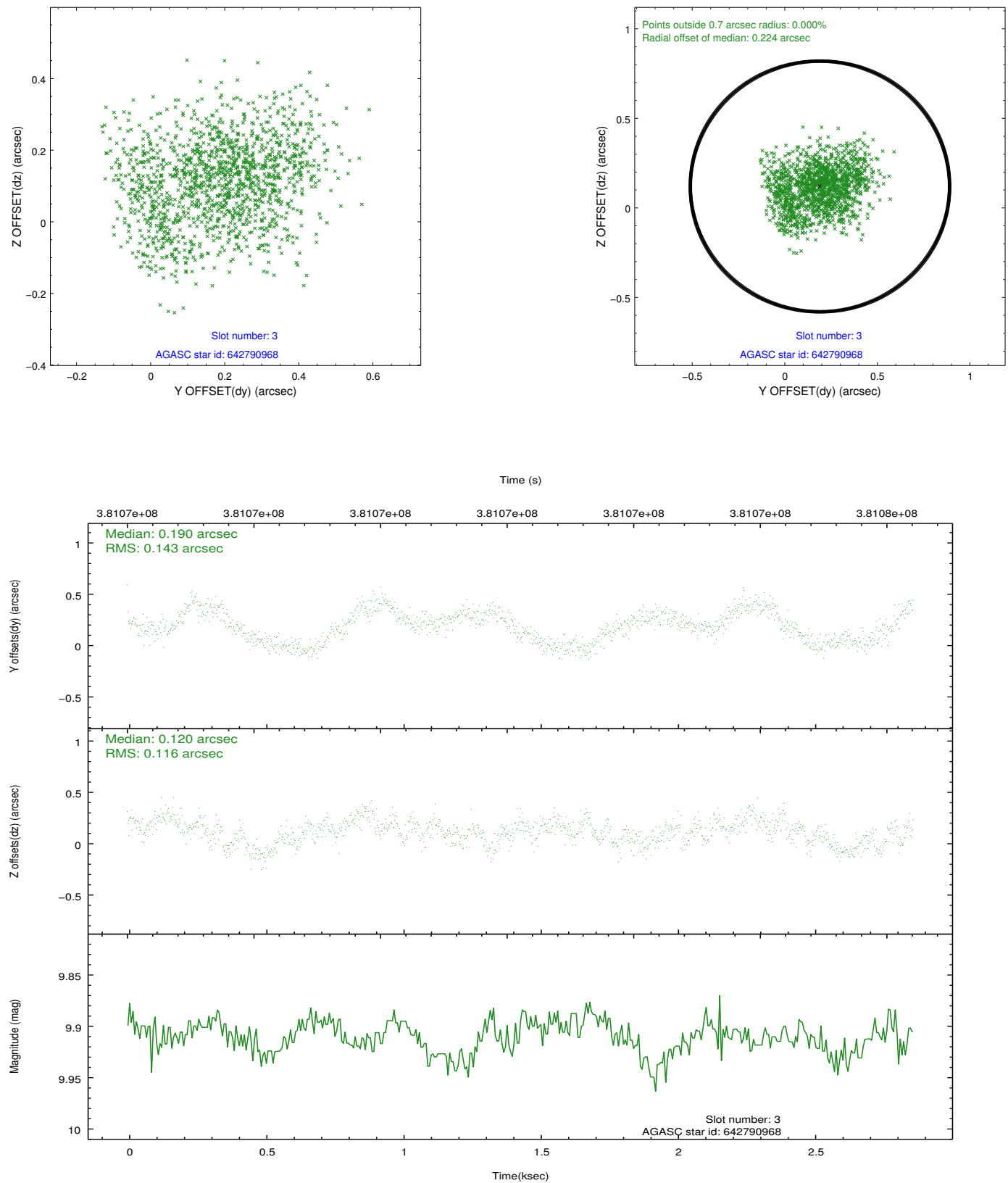


Slot Statistics

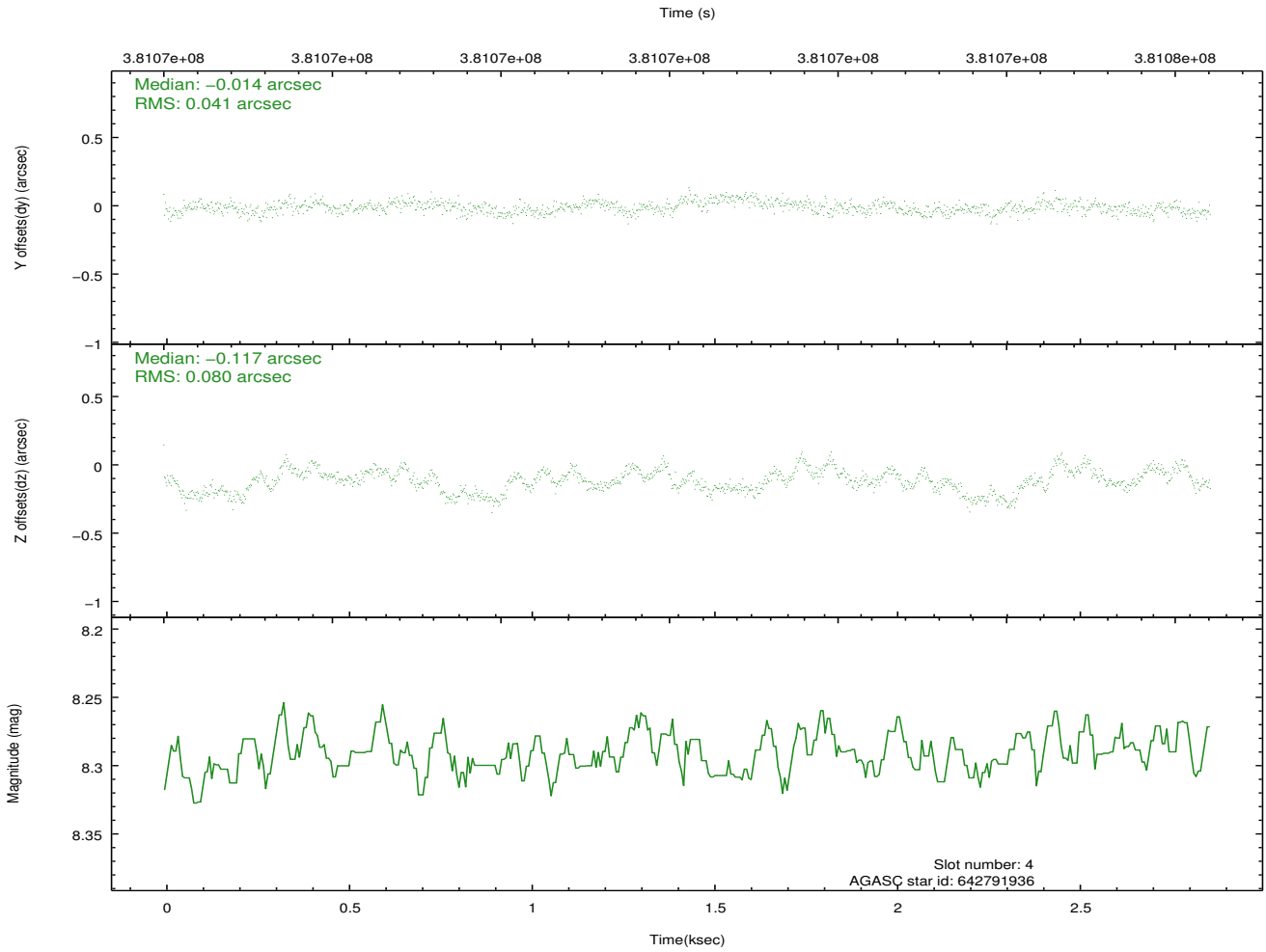
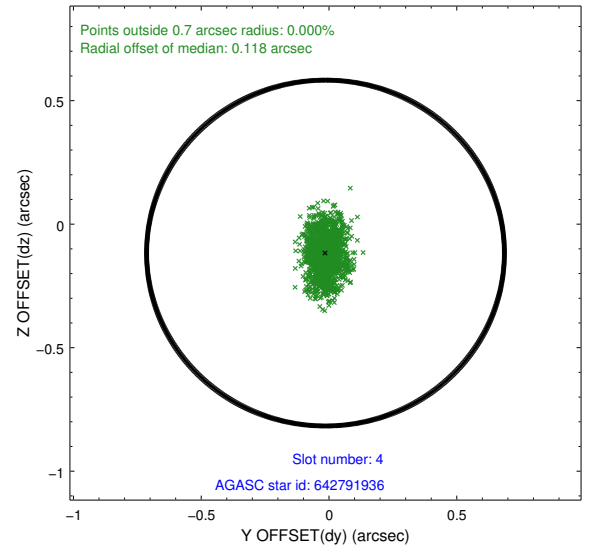
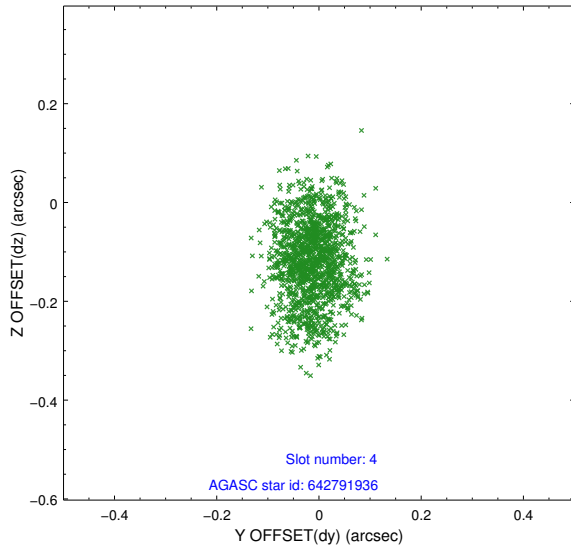
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.02	699	0.074	-0.059	0.007	0.014	0.000000	0.000000	924.18	-840.12
1	FID	ACIS-I-5	7.01	699	-0.231	0.066	0.006	0.010	0.000000	0.000000	-1822.97	1056.41
2	FID	ACIS-I-6	7.02	699	0.066	0.063	0.007	0.012	0.000000	0.000000	387.32	1703.41
3	GUIDE	642790968	9.91	1396	0.190	0.120	0.209	0.304	154.507380	-1.925543	-1227.76	-1301.24
4	GUIDE	642791936	8.29	1398	-0.014	-0.117	0.095	0.158	154.566371	-1.244519	755.09	153.21
5	GUIDE	642792120	8.96	1398	0.040	-0.019	0.114	0.166	154.232708	-1.417096	-502.08	648.02
6	GUIDE	642793248	7.43	1398	-0.100	-0.090	0.081	0.130	154.033010	-1.597799	-1466.02	759.83
7	GUIDE	642793536	9.56	1394	-0.121	0.123	0.141	0.231	154.979446	-1.737519	399.90	-2132.86

2.4 Star Slots

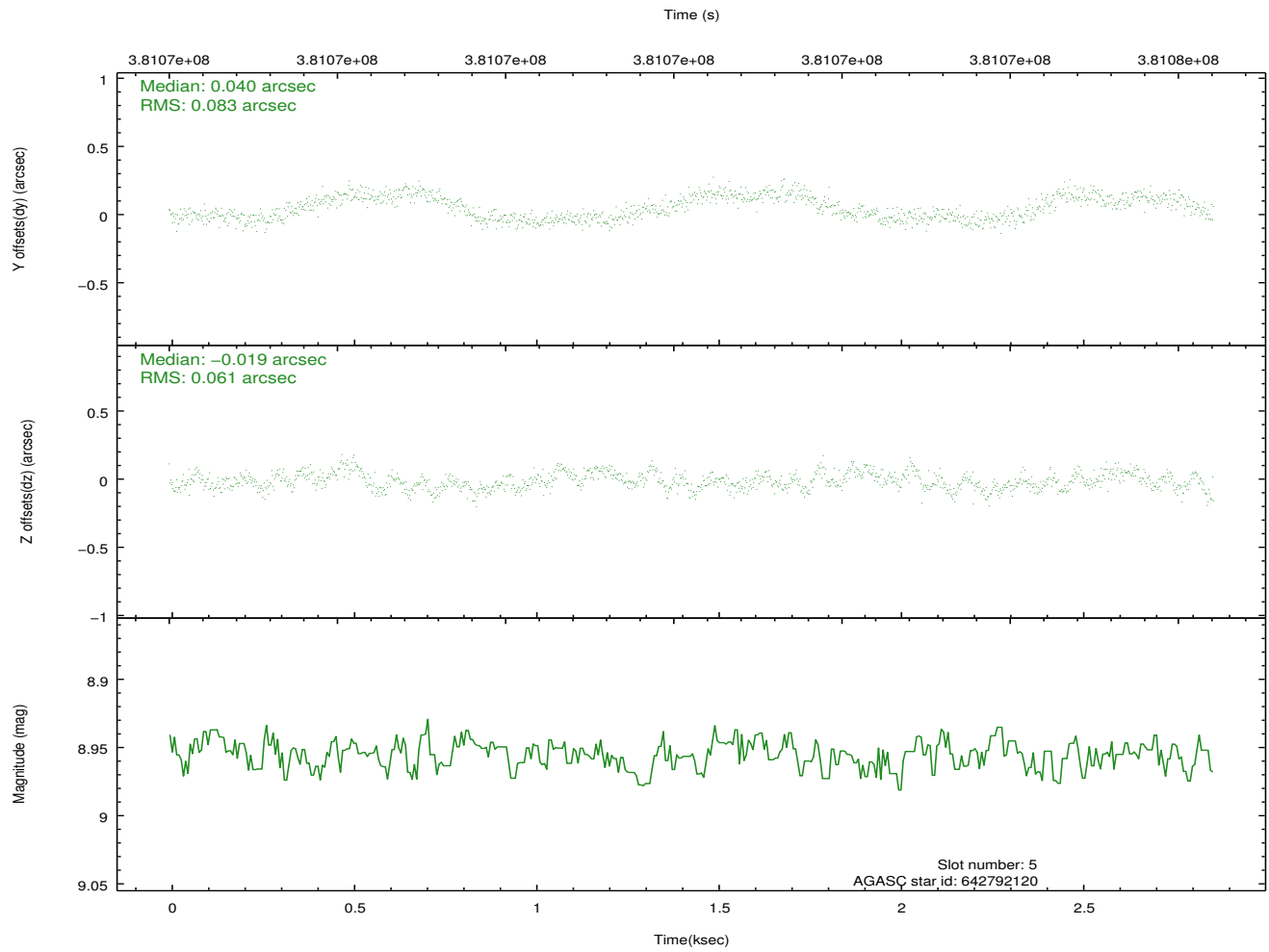
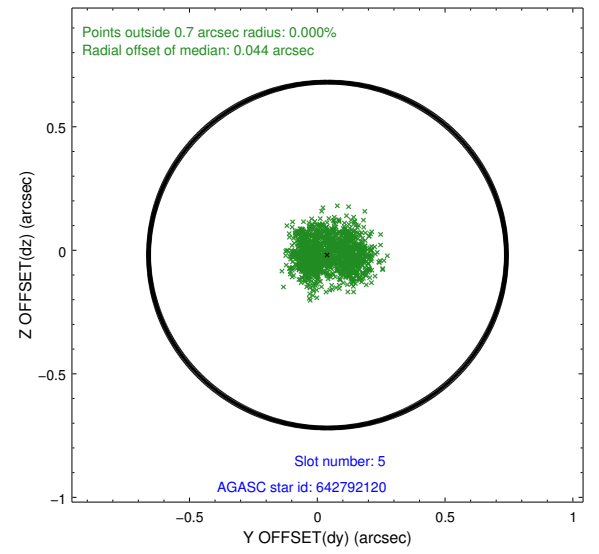
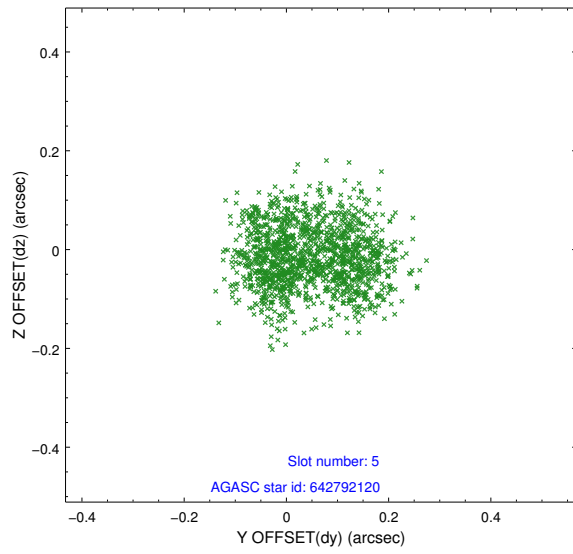
2.4.1 Slot 3



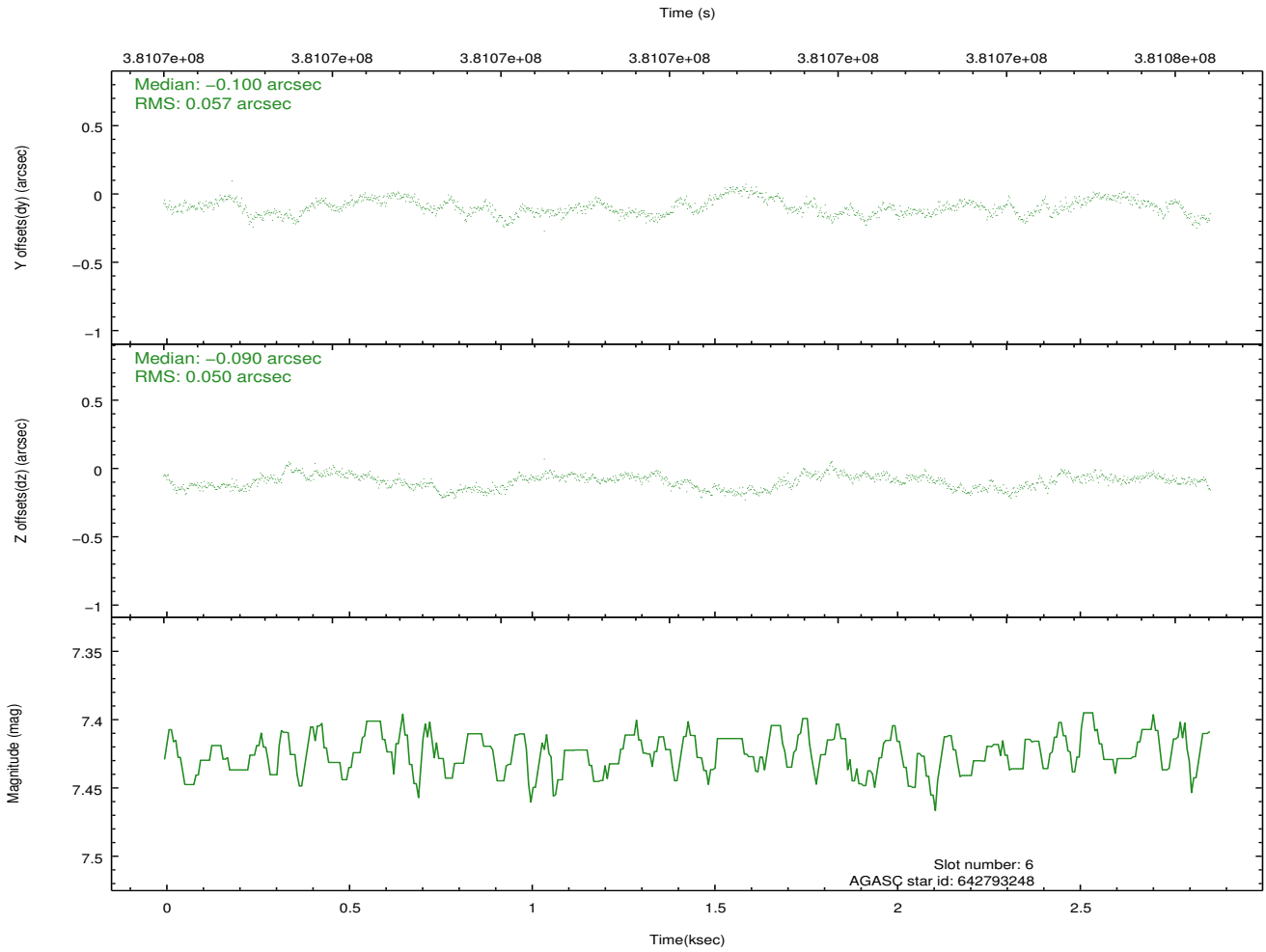
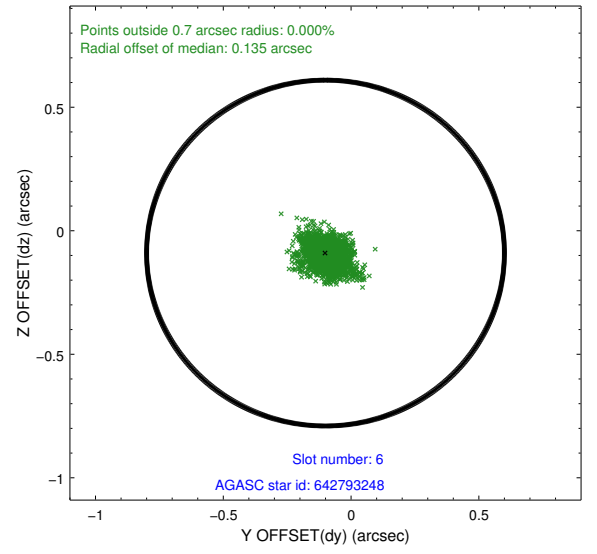
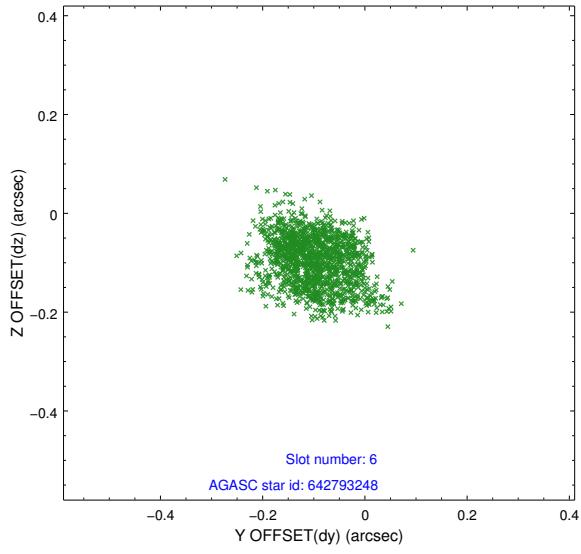
2.4.2 Slot 4



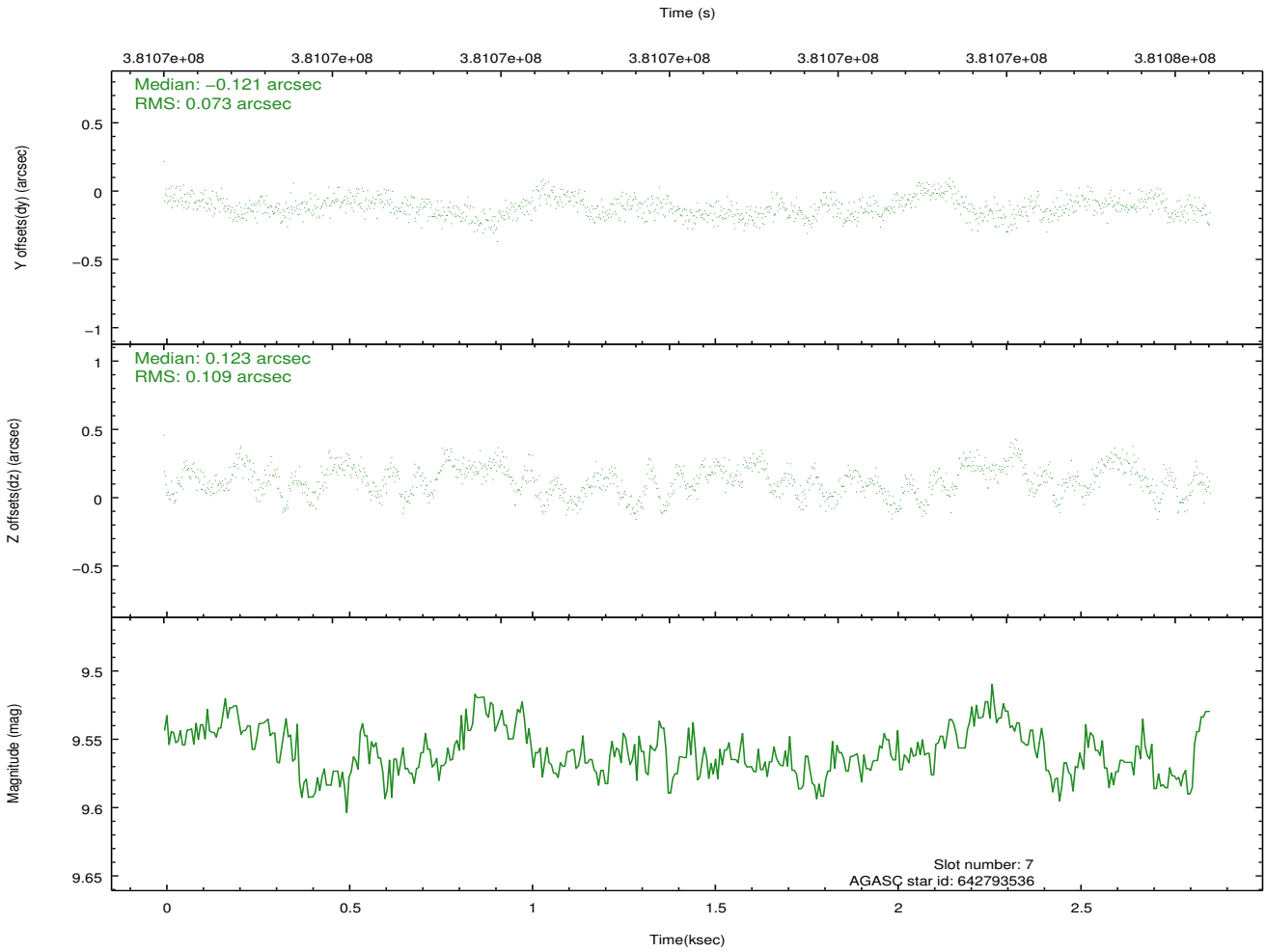
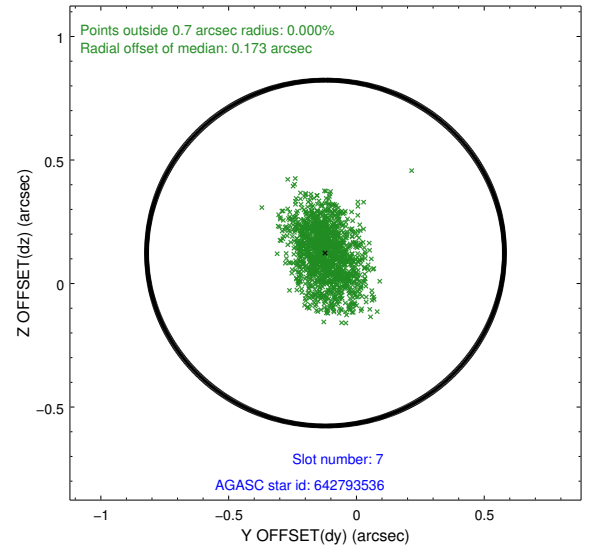
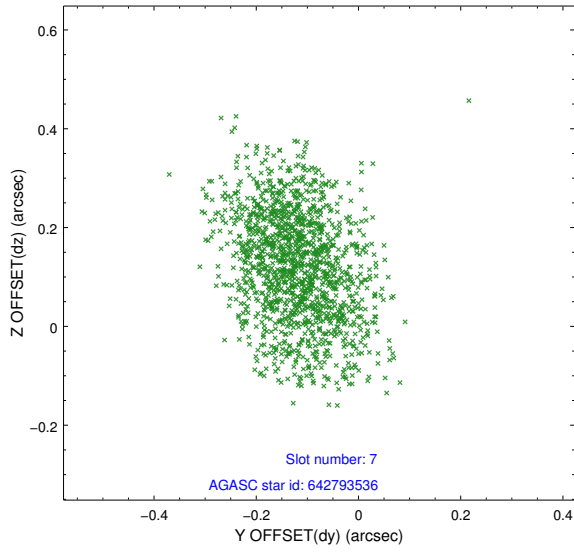
2.4.3 Slot 5



2.4.4 Slot 6

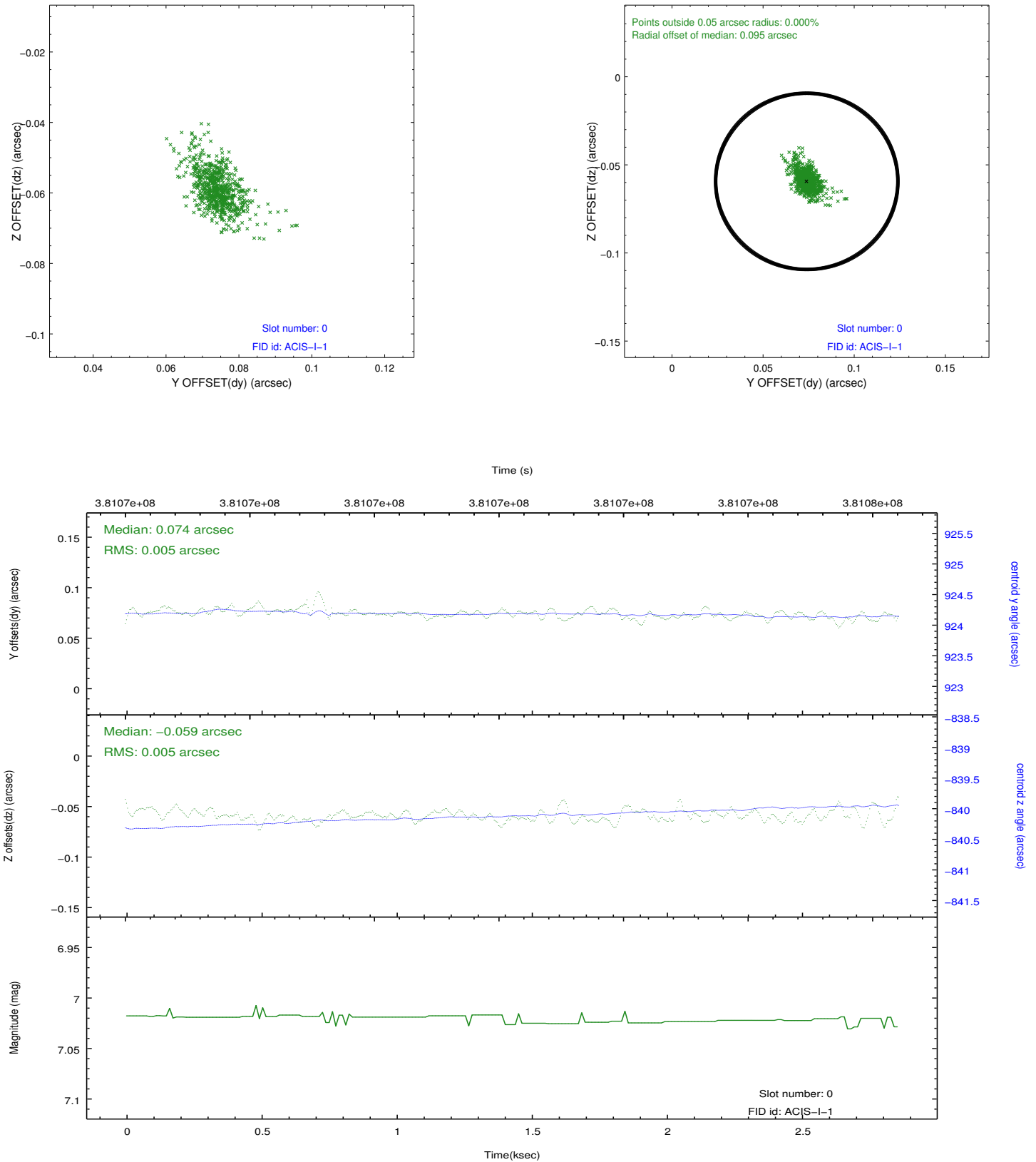


2.4.5 Slot 7

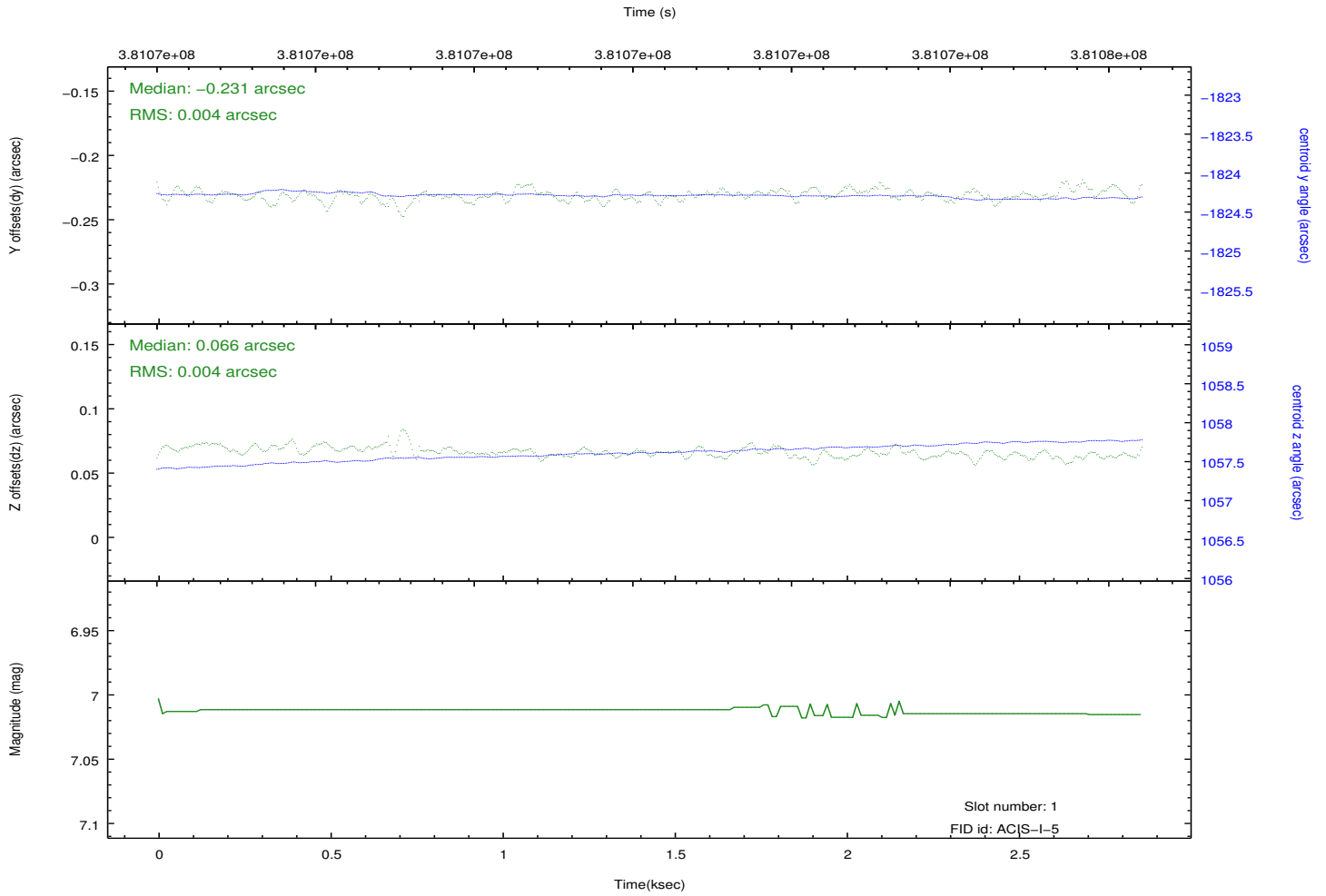
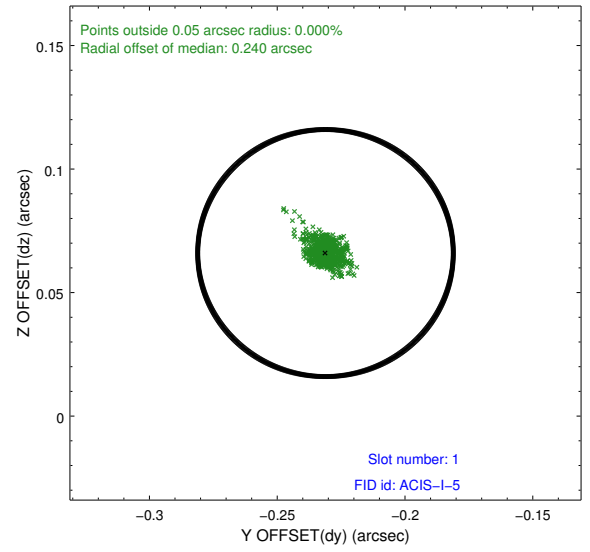
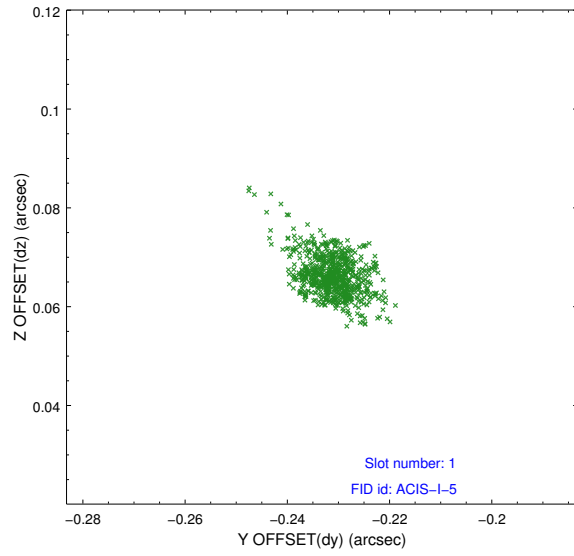


2.5 FID Slots

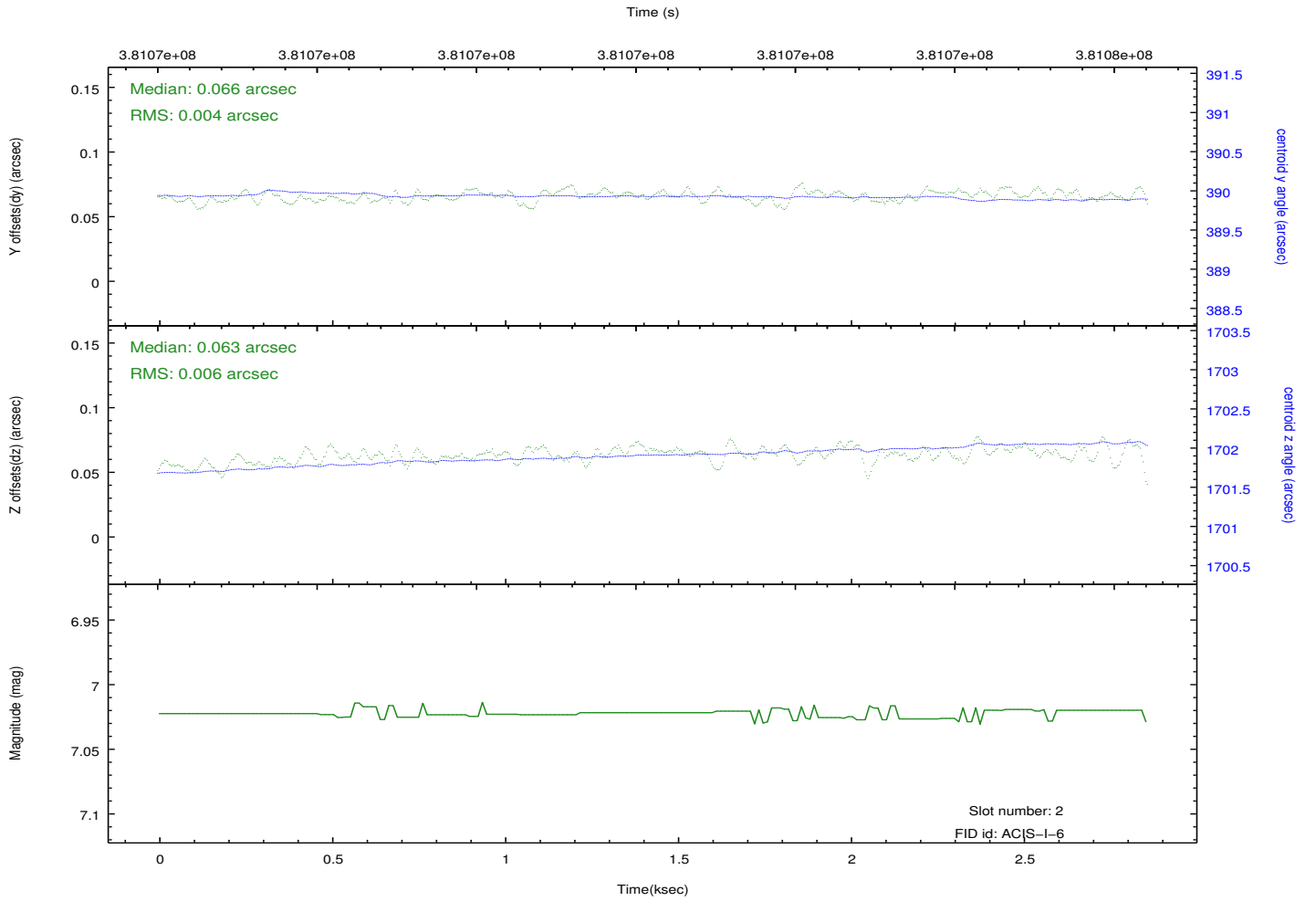
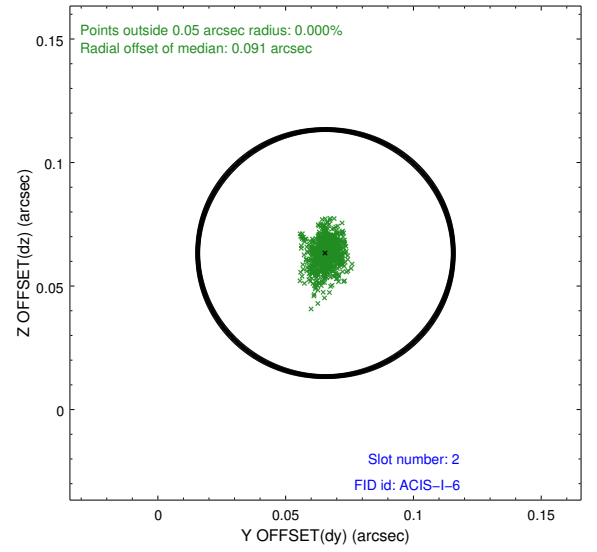
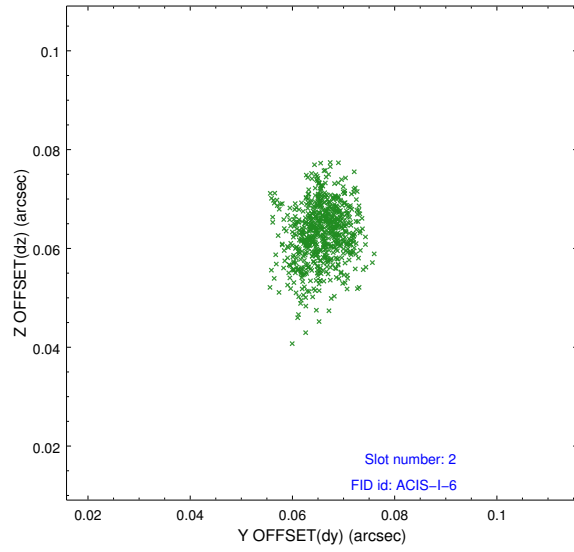
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.06.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.4738000190258

A.2 Comments