

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 6067 - L2 Version 3
Chandra X-Ray Center

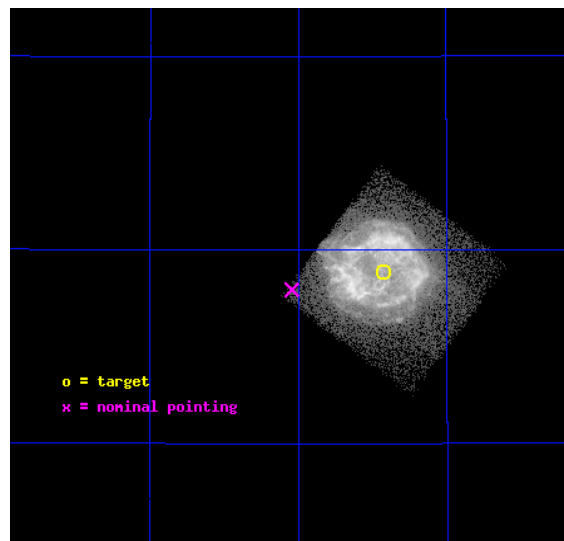
L2 Processing Date : Dec 21 2012

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1 Front

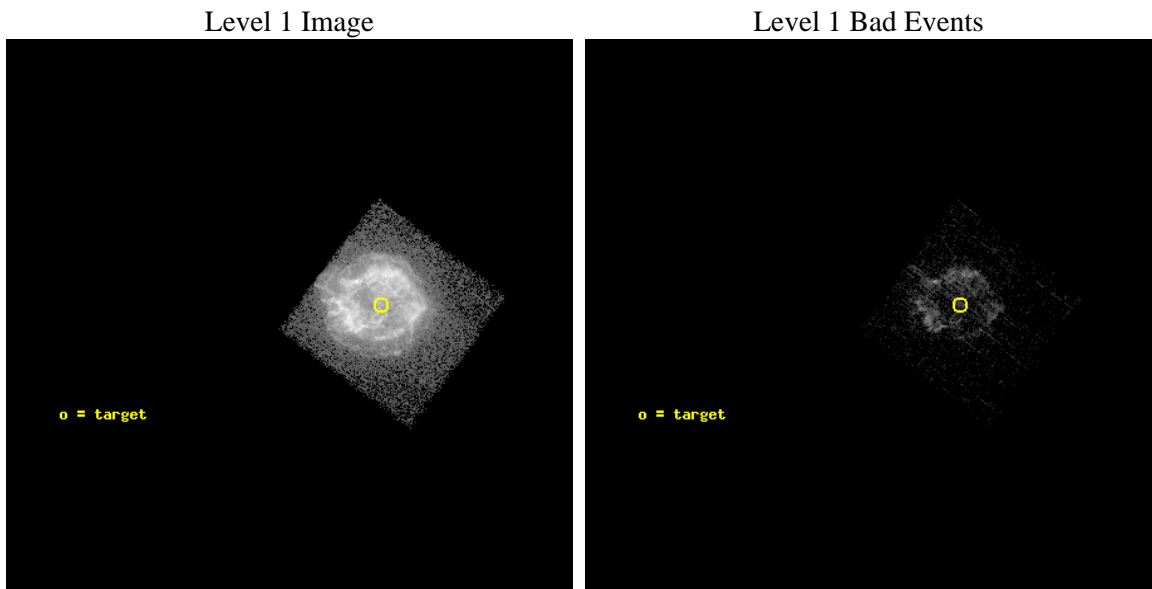
seq_num	590394	Sequence number
obs_id	6067	Observation id
title	AO6A Observations of the Standard Candles Cas A and G21.5-09	Propo
observer	Dr. CXC Calibration	Principal investigator
object	Cas A[I3,-120,-3.0,3.5,0]	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	350.8575	Observer's specified target RA [deg]
dec_targ	58.814833	Observer's specified target Dec [deg]
ra_nom	351.01099631991	Nominal RA [deg]
dec_nom	58.799249420457	Nominal Dec [deg]
roll_nom	36.974623204742	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1700.4797644913	Sum of GTIs [s]
livetime	1678.9472658073	Livetime [s]
ontime0	2105.599992156	Sum of GTIs [s]
ontime1	2105.599992156	Sum of GTIs [s]
ontime2	2105.599992156	Sum of GTIs [s]
ontime3	1700.4797644913	Sum of GTIs [s]
ontime6	2105.599992156	Sum of GTIs [s]
ontime7	2105.599992156	Sum of GTIs [s]
l2events	356029	Number of level 2 events



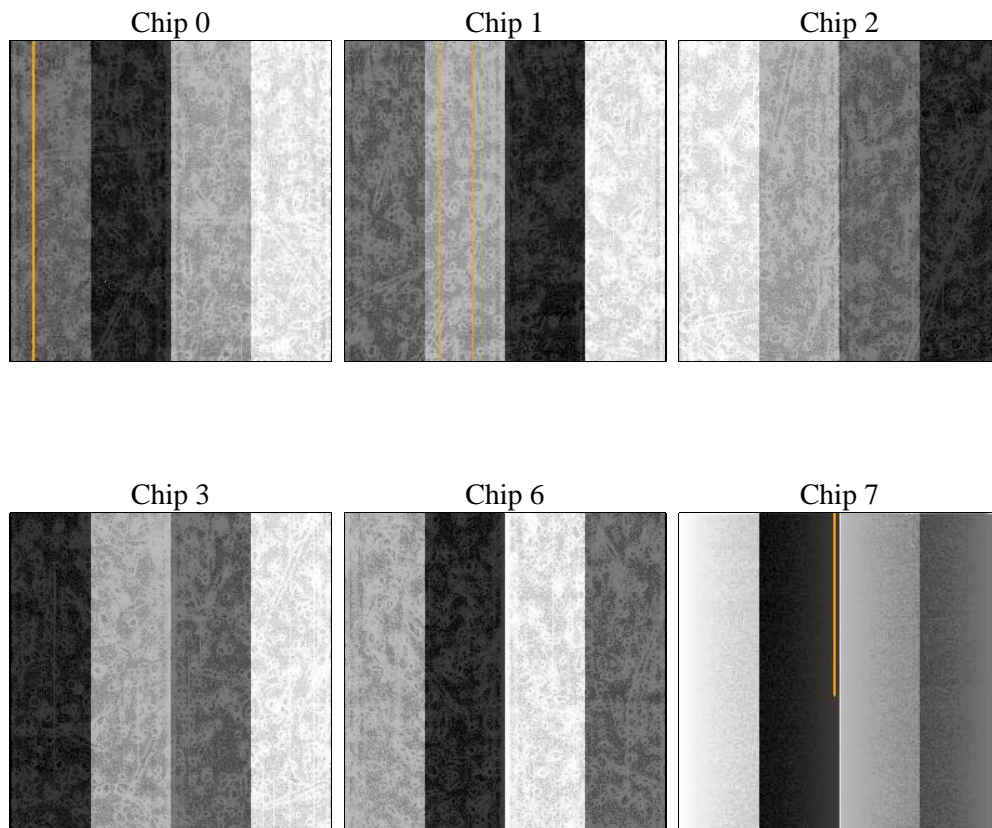
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	2000.000000	[s] Scheduled observation exposure time
ascdsver	8.5.1.1	Processing system revision	ontime	1700.4797644913	Sum of GTIs [s]
caldbver	4.5.5	 	ontime0	2105.599992156	Sum of GTIs [s]
date	2012-12-22T01:33:29	Date and time of file creation	ontime1	2105.599992156	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	2105.599992156	Sum of GTIs [s]
			ontime3	1700.4797644913	Sum of GTIs [s]
			ontime6	2105.599992156	Sum of GTIs [s]
			ontime7	2105.599992156	Sum of GTIs [s]
			l1events	445544	Number of level 1 events

2.1.4 Events

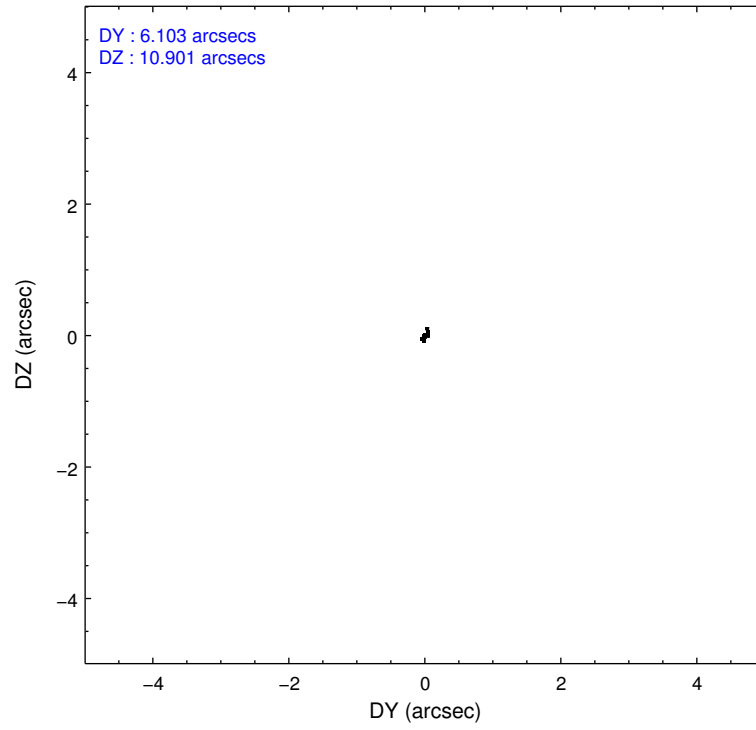
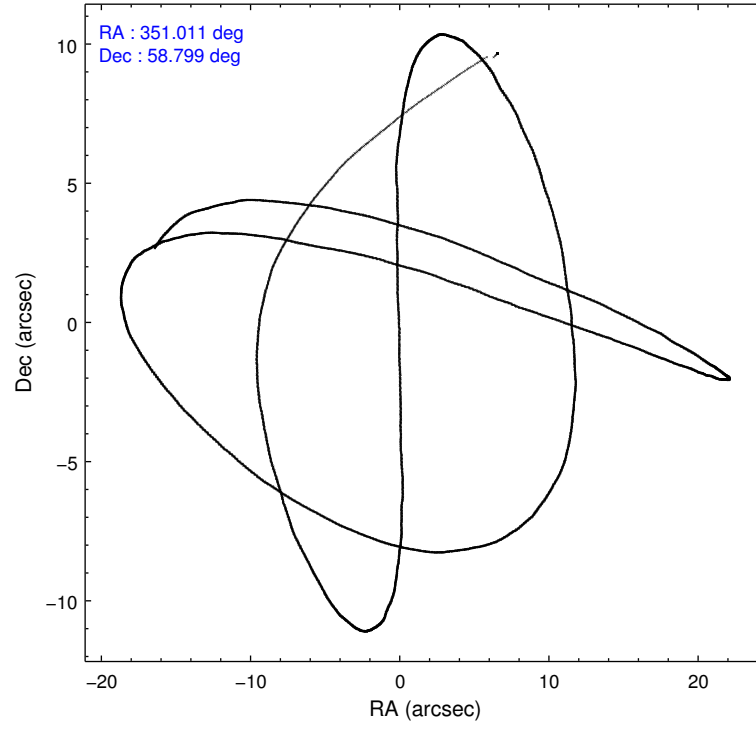
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	0	0	0	445544	0	0
rejected events	0	0	0	79466	0	0
rejected %	0%	0%	0%	17%	0%	0%

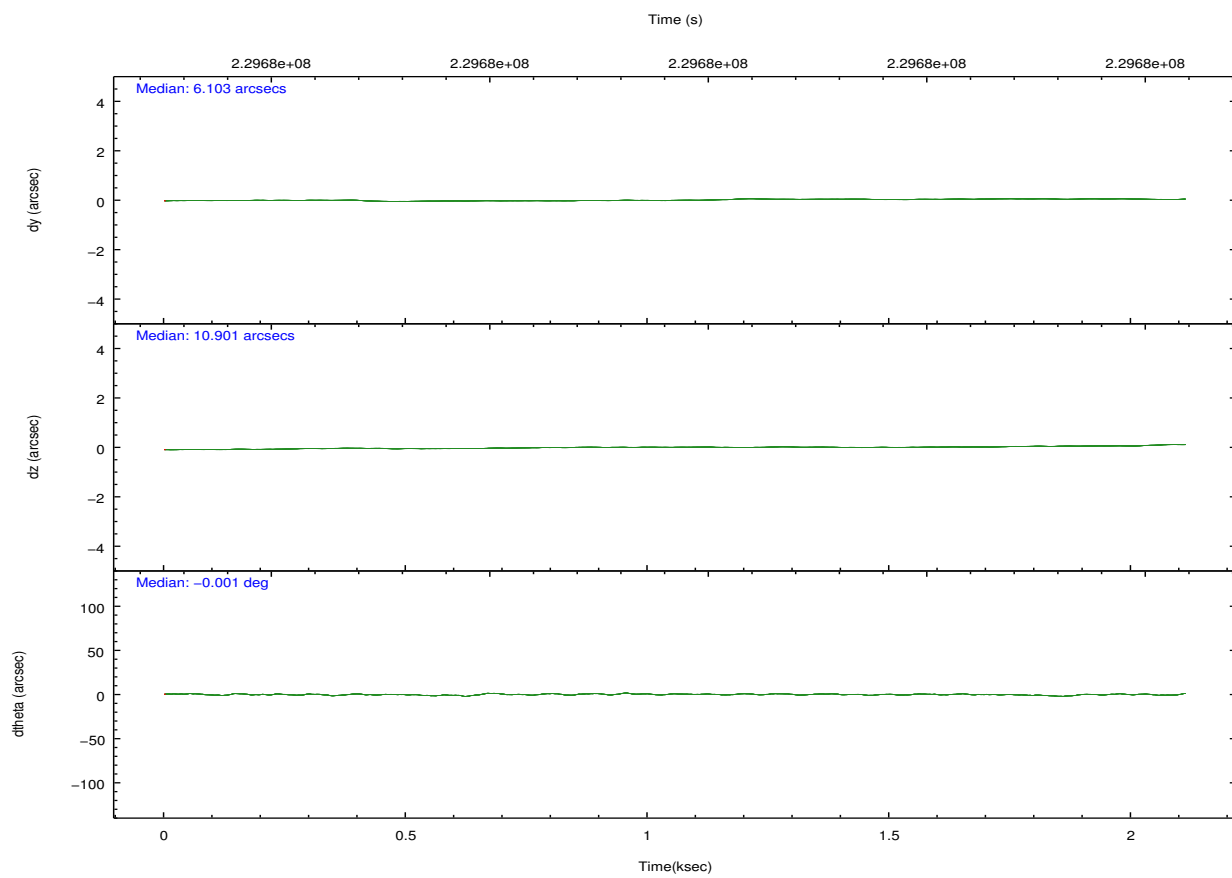
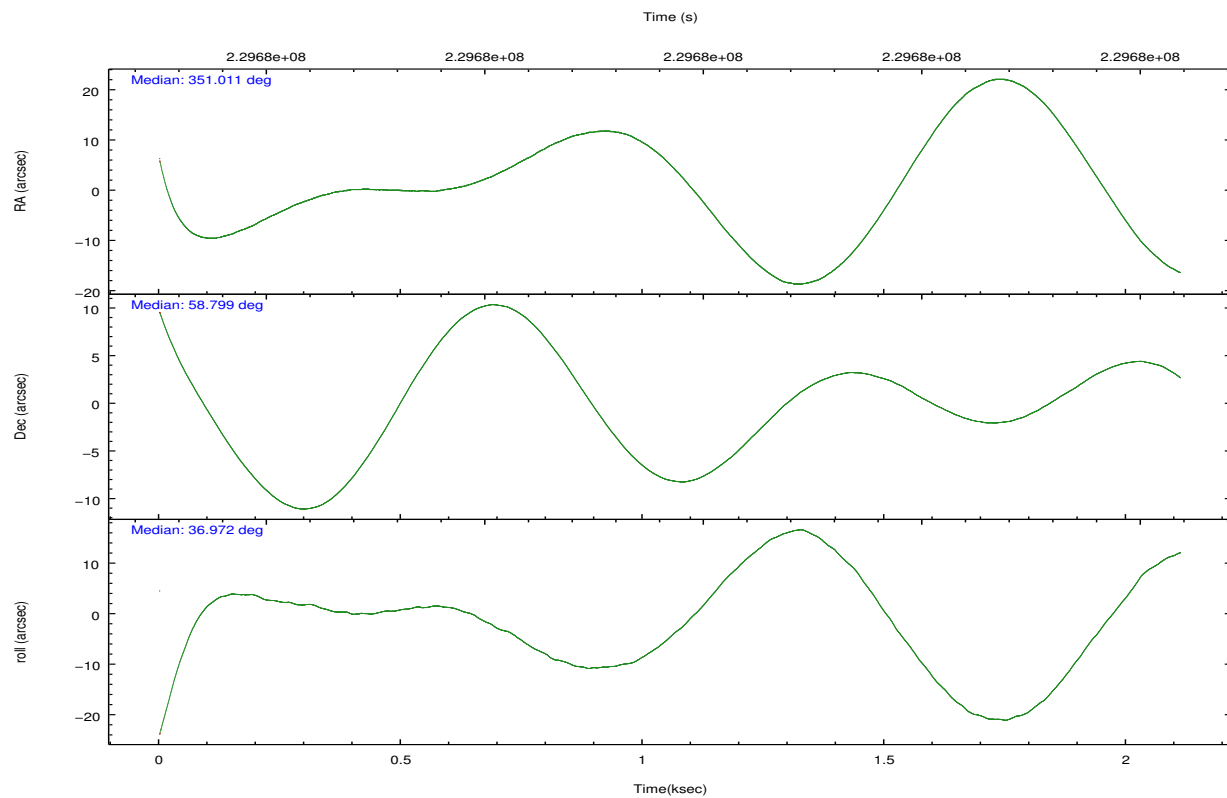
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	0	0	0	335311	0	0
	0%	0%	0%	75%	0%	0%
grade 1 events	0	0	0	5611	0	0
	0%	0%	0%	1%	0%	0%
grade 2 events	0	0	0	41829	0	0
	0%	0%	0%	9%	0%	0%
grade 3 events	0	0	0	13461	0	0
	0%	0%	0%	3%	0%	0%
grade 4 events	0	0	0	13632	0	0
	0%	0%	0%	3%	0%	0%
grade 5 events	0	0	0	3551	0	0
	0%	0%	0%	0%	0%	0%
grade 6 events	0	0	0	8682	0	0
	0%	0%	0%	1%	0%	0%
grade 7 events	0	0	0	23467	0	0
	0%	0%	0%	5%	0%	0%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	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	350.990510	351.0109963199057	Subarray requested	NONE	NONE
[deg] Pointing Dec	58.773994	58.79924942045675	Alternating exposures requested	N	N
[deg] Pointing Roll	36.783542	36.97462320474247	[s] Primary exposure time	0.000000	3.2
[s] Window start time (MET)	223603264.184000	223603264.184000			
[s] Window stop time (MET)	233884864.184000	233884864.184000			
[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)	229680482.184000	229678824.27071			
Observation start date	2005-04-12T08:06:58	2005-04-12T07:40:24			
[s] Observation end time (MET)	229682482.184000	229682632.14589			
Observation end date	2005-04-12T08:40:18	2005-04-12T08:43:52			
Read mode	TIMED	TIMED			

2.3 Aspect



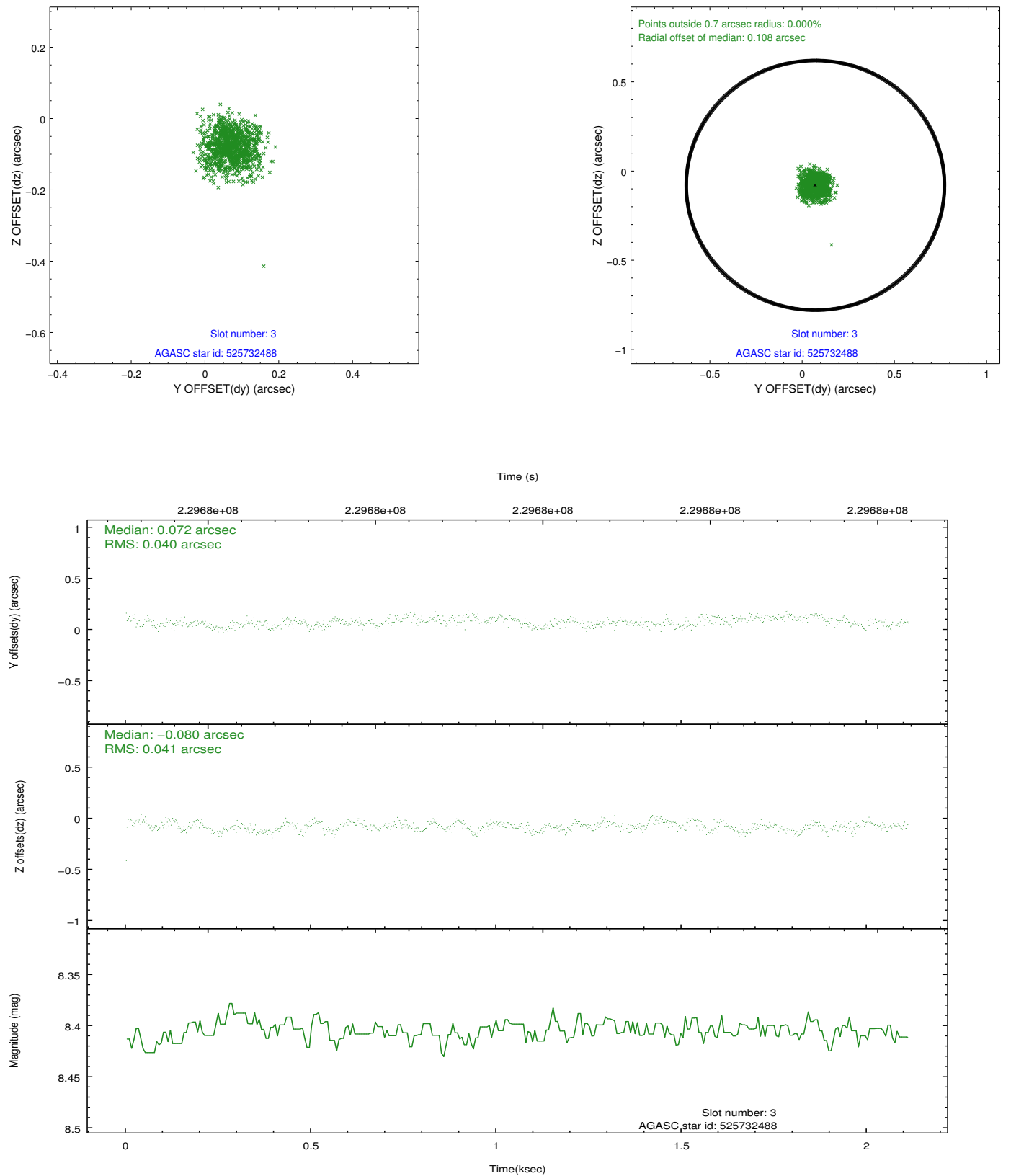


Slot Statistics

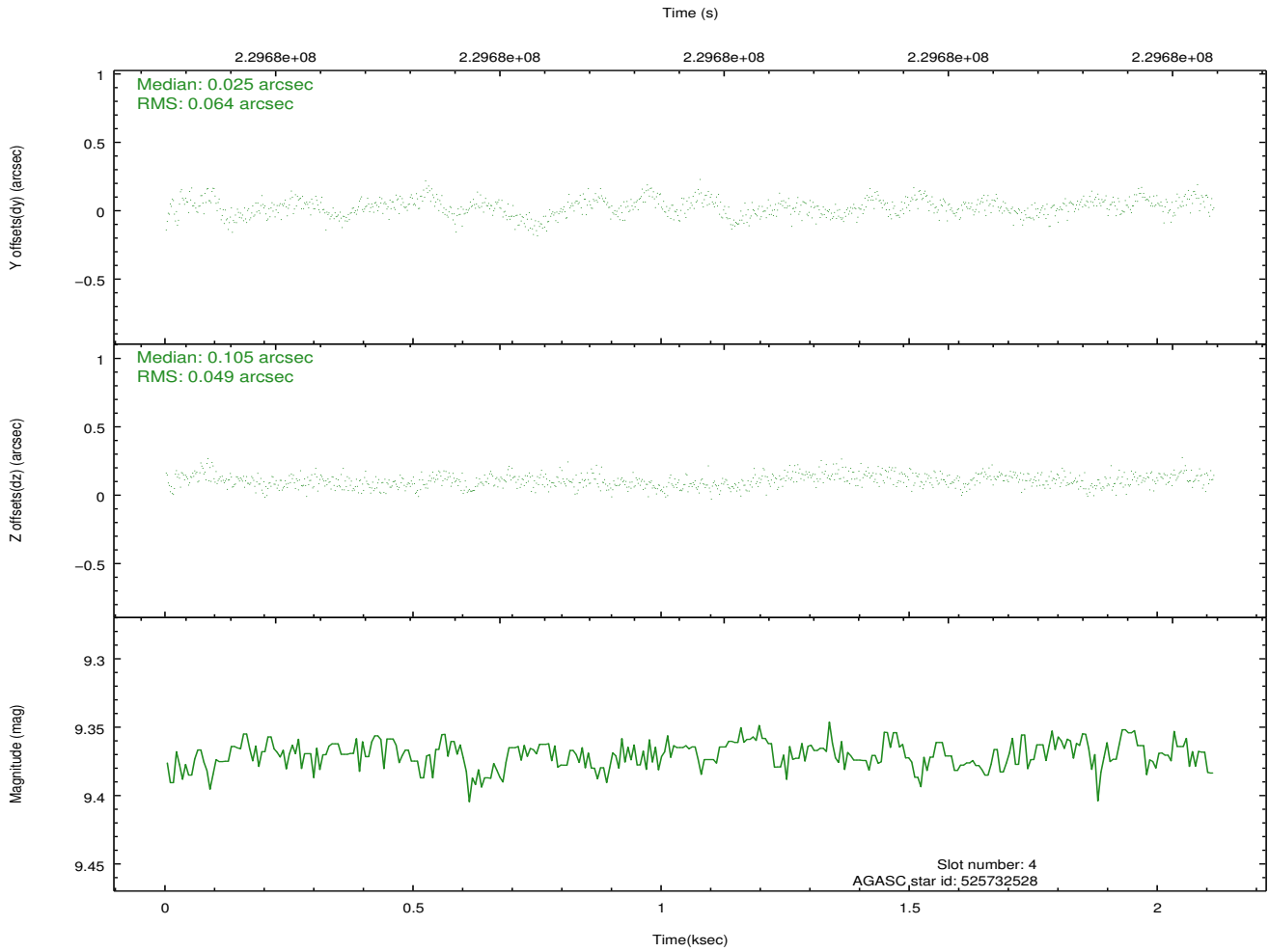
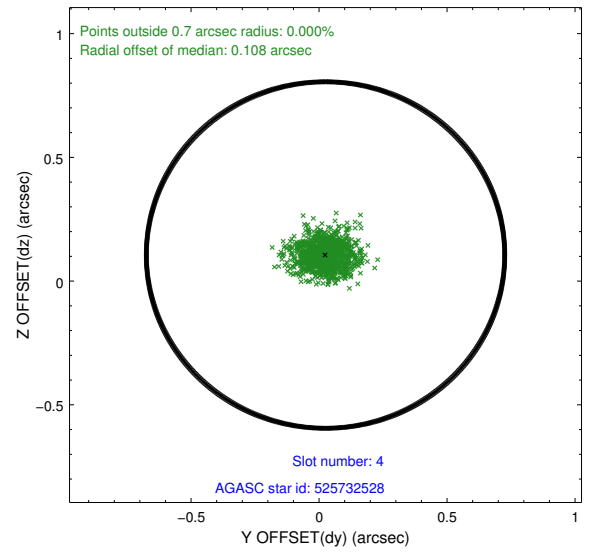
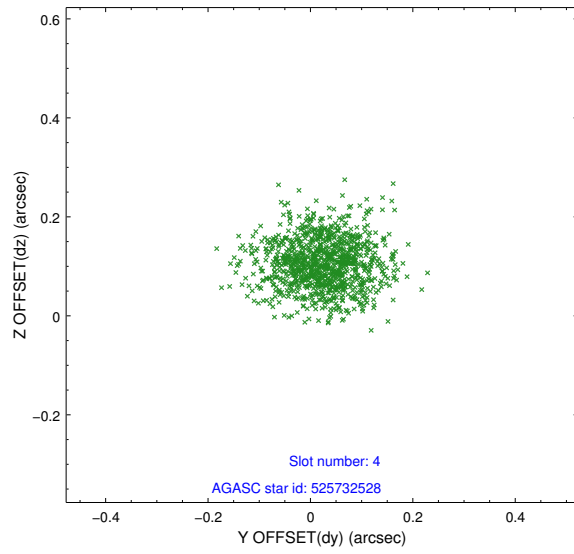
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-2	7.14	515	-0.012	-0.079	0.009	0.018	0.000000	0.000000	-760.62	-840.81
1	FID	ACIS-I-5	7.23	515	-0.137	0.071	0.009	0.014	0.000000	0.000000	-1816.19	1061.66
2	FID	ACIS-I-6	7.25	516	0.055	0.077	0.006	0.011	0.000000	0.000000	395.88	1709.63
3	GUIDE	525732488	8.41	1031	0.072	-0.080	0.061	0.097	350.087090	58.516915	-1907.34	284.91
4	GUIDE	525732528	9.37	1031	0.025	0.105	0.085	0.141	351.607241	59.298932	2040.84	839.62
5	GUIDE	525735976	8.75	1031	0.112	0.201	0.056	0.093	350.142956	58.277622	-2346.61	-461.39
6	GUIDE	525735456	6.72	1031	-0.172	-0.199	0.053	0.082	350.628183	59.307249	614.93	1937.17
7	GUIDE	525740136	8.67	1030	-0.036	-0.023	0.073	0.119	352.585881	58.767876	2393.70	-1770.19

2.4 Star Slots

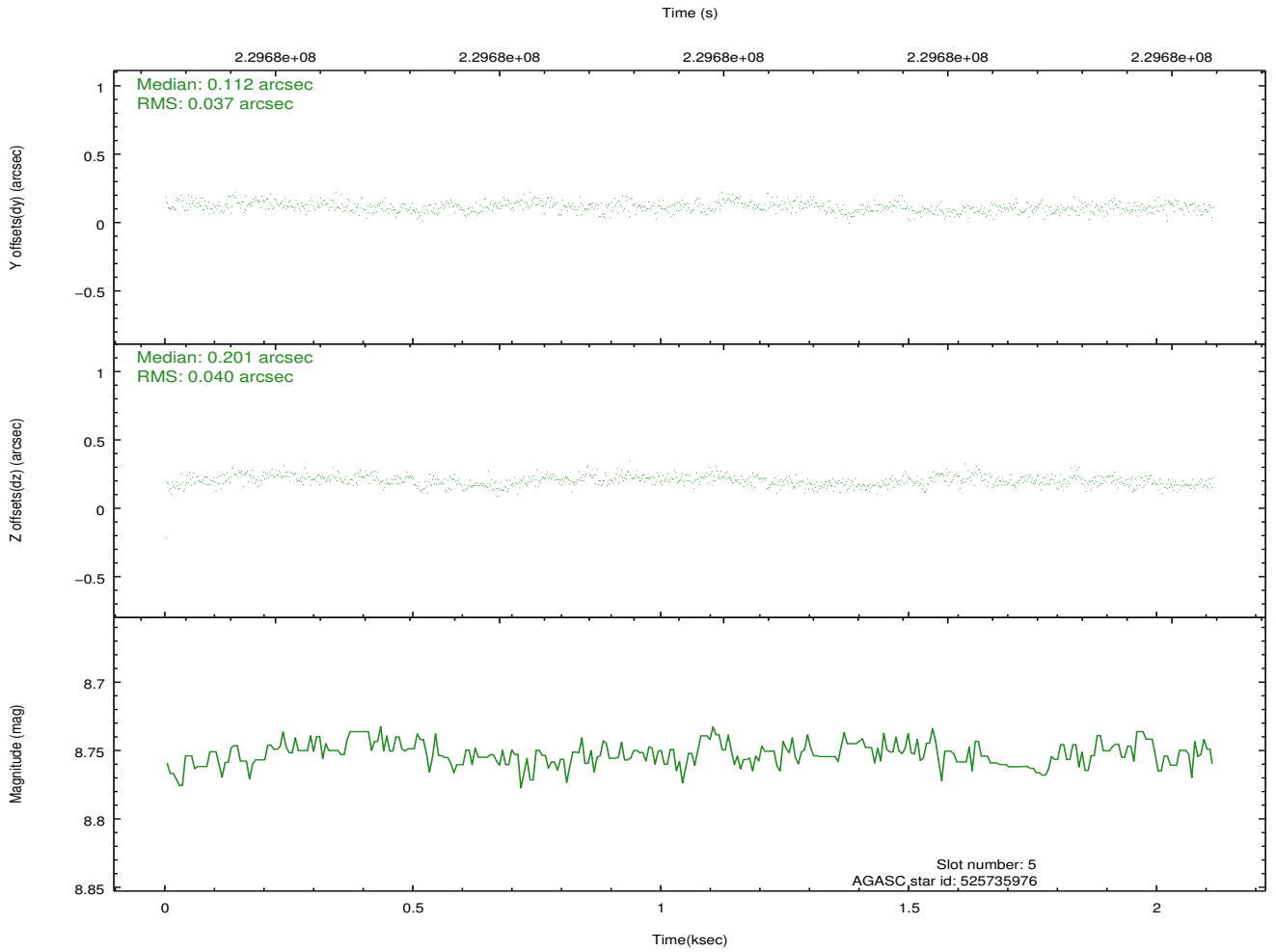
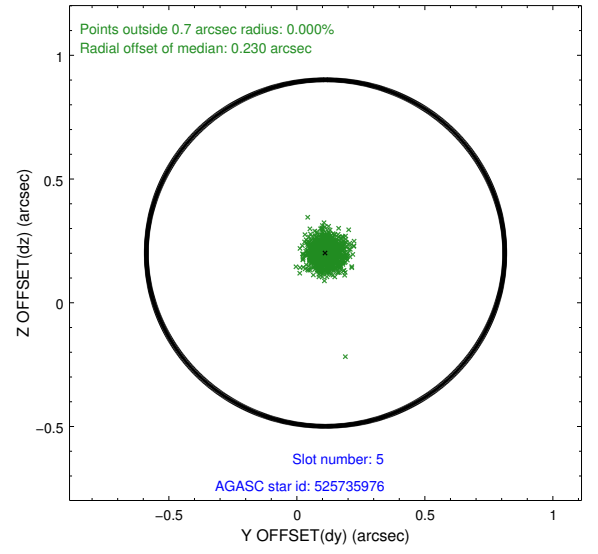
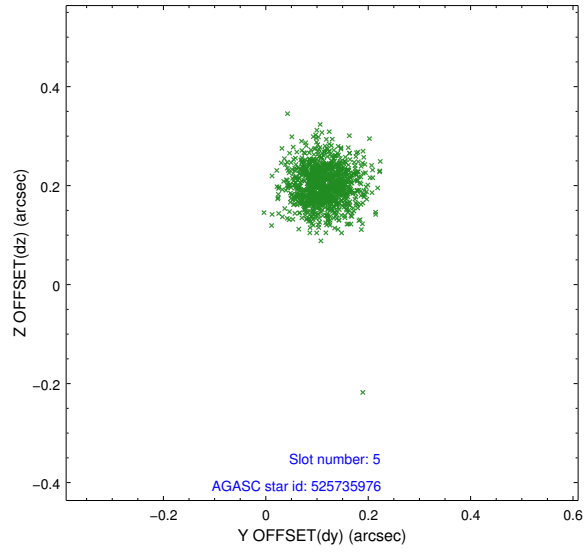
2.4.1 Slot 3



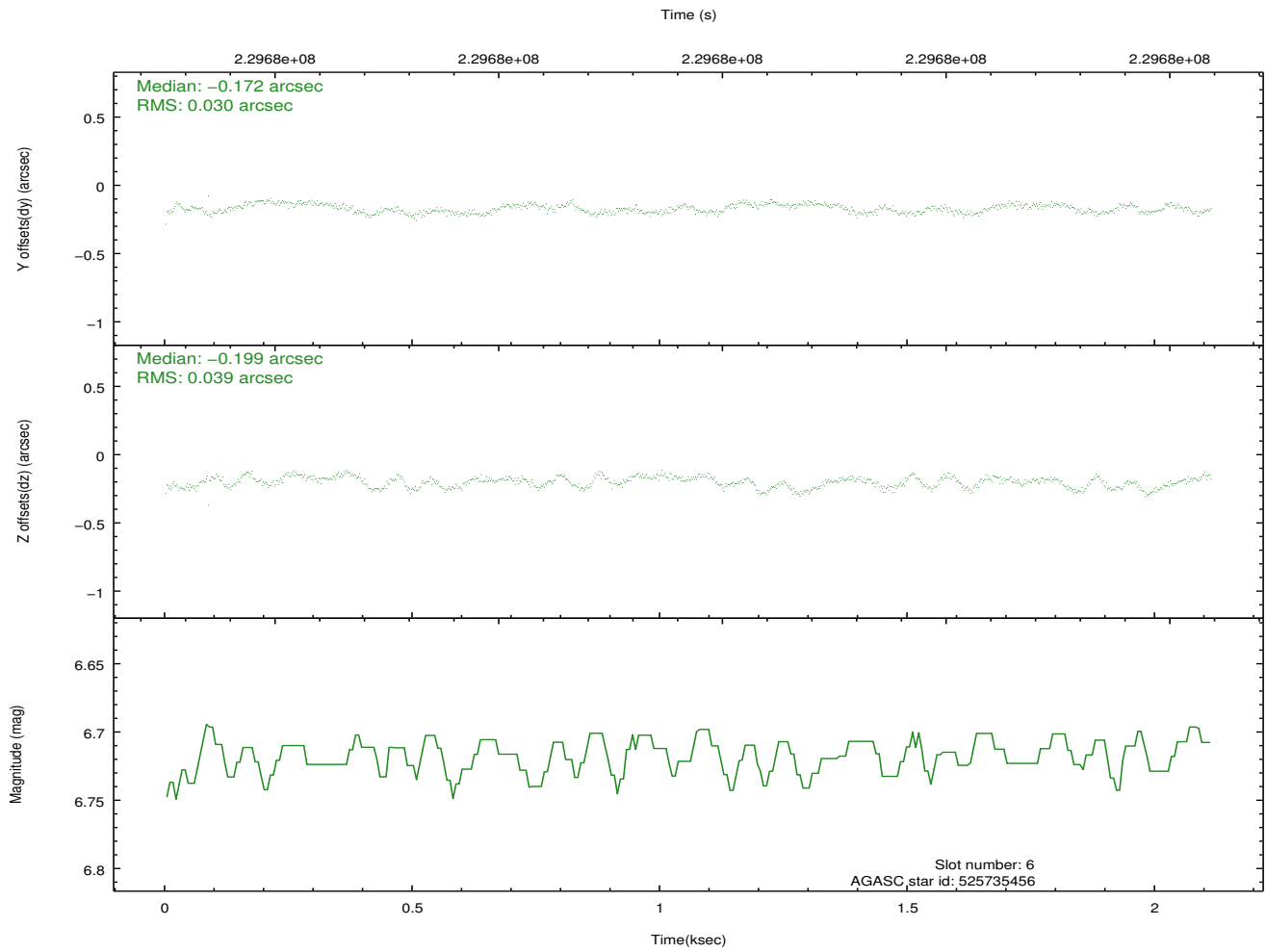
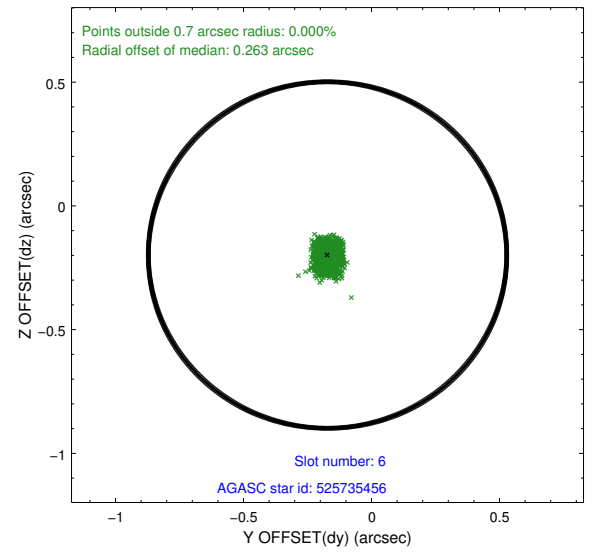
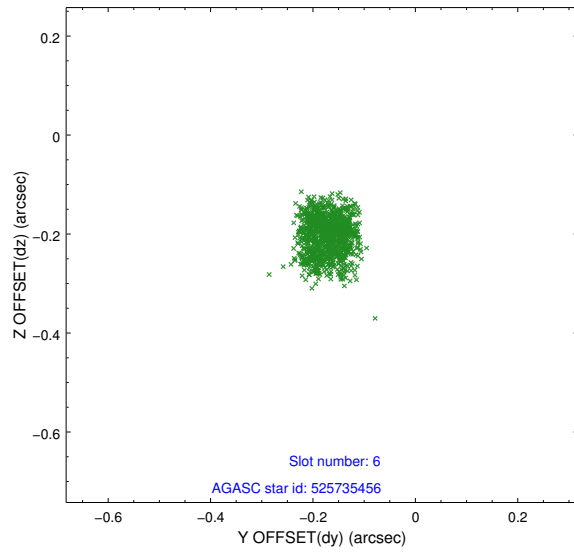
2.4.2 Slot 4



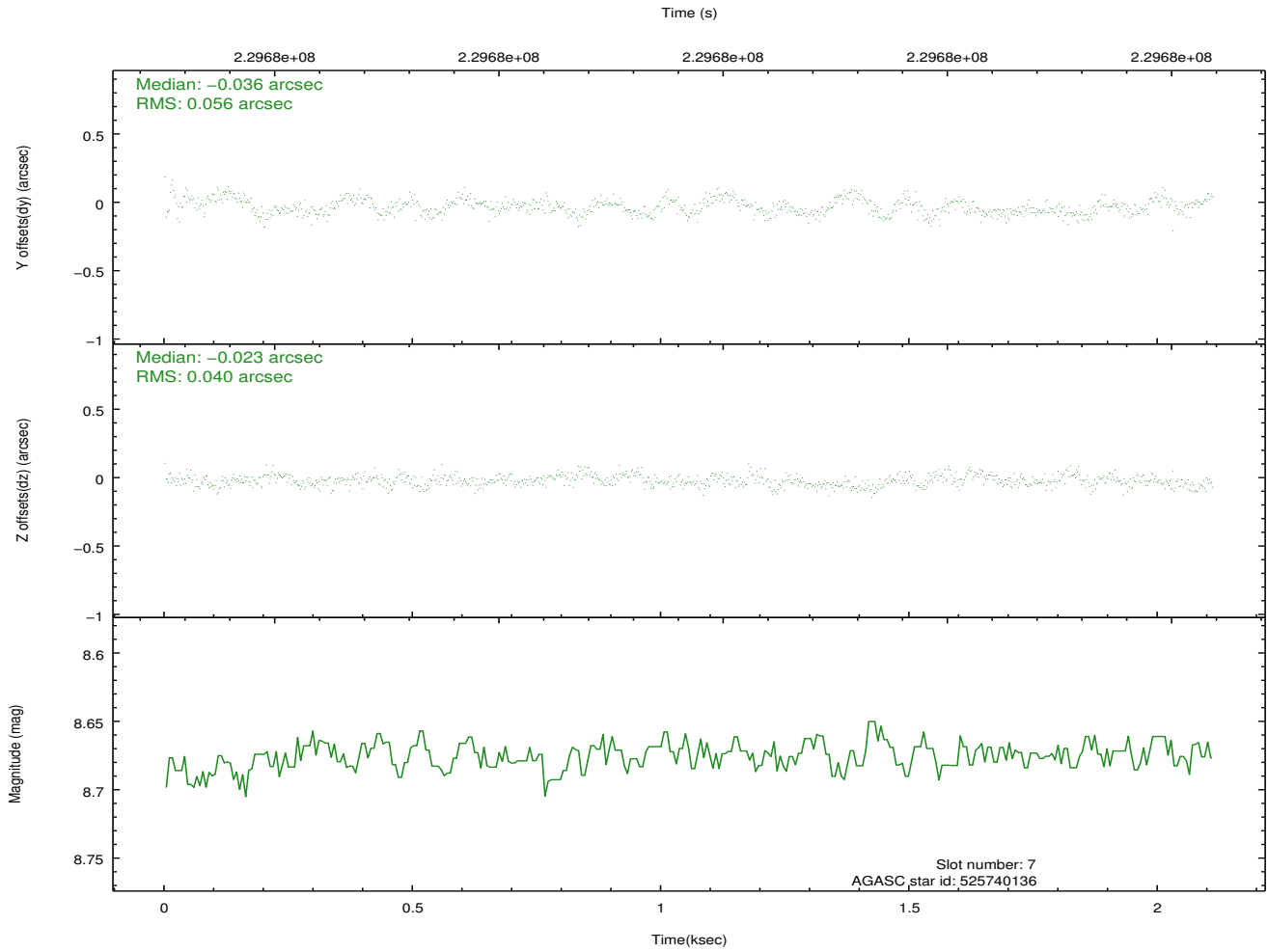
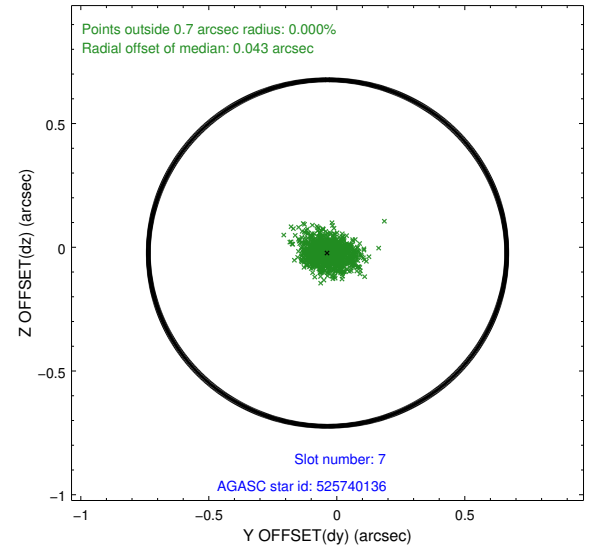
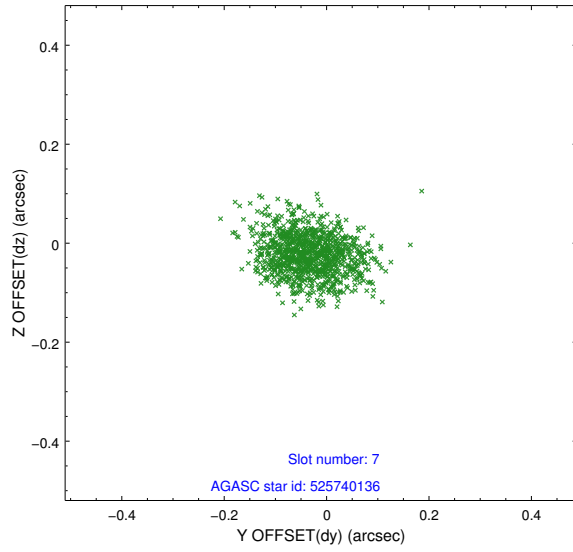
2.4.3 Slot 5



2.4.4 Slot 6

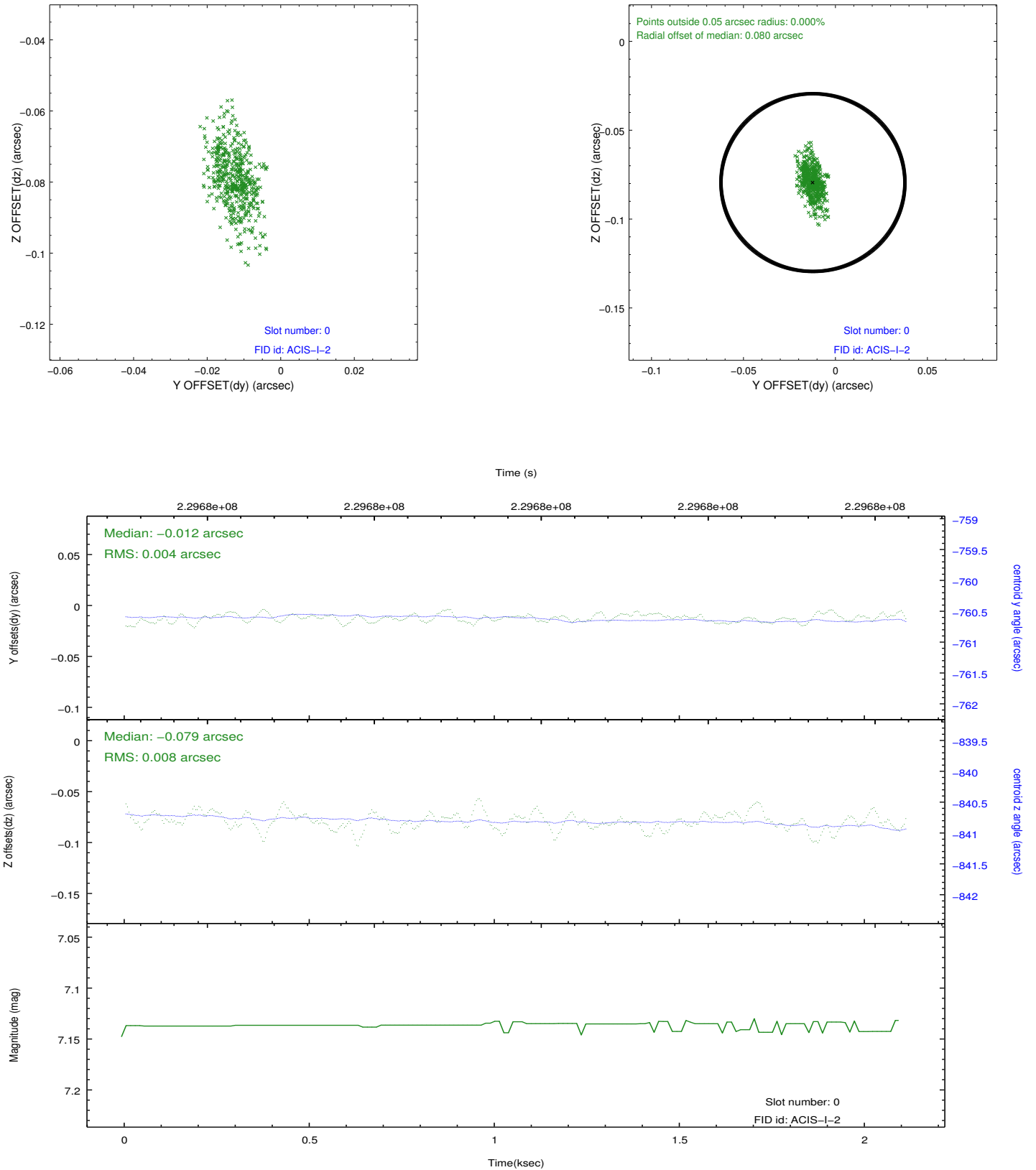


2.4.5 Slot 7

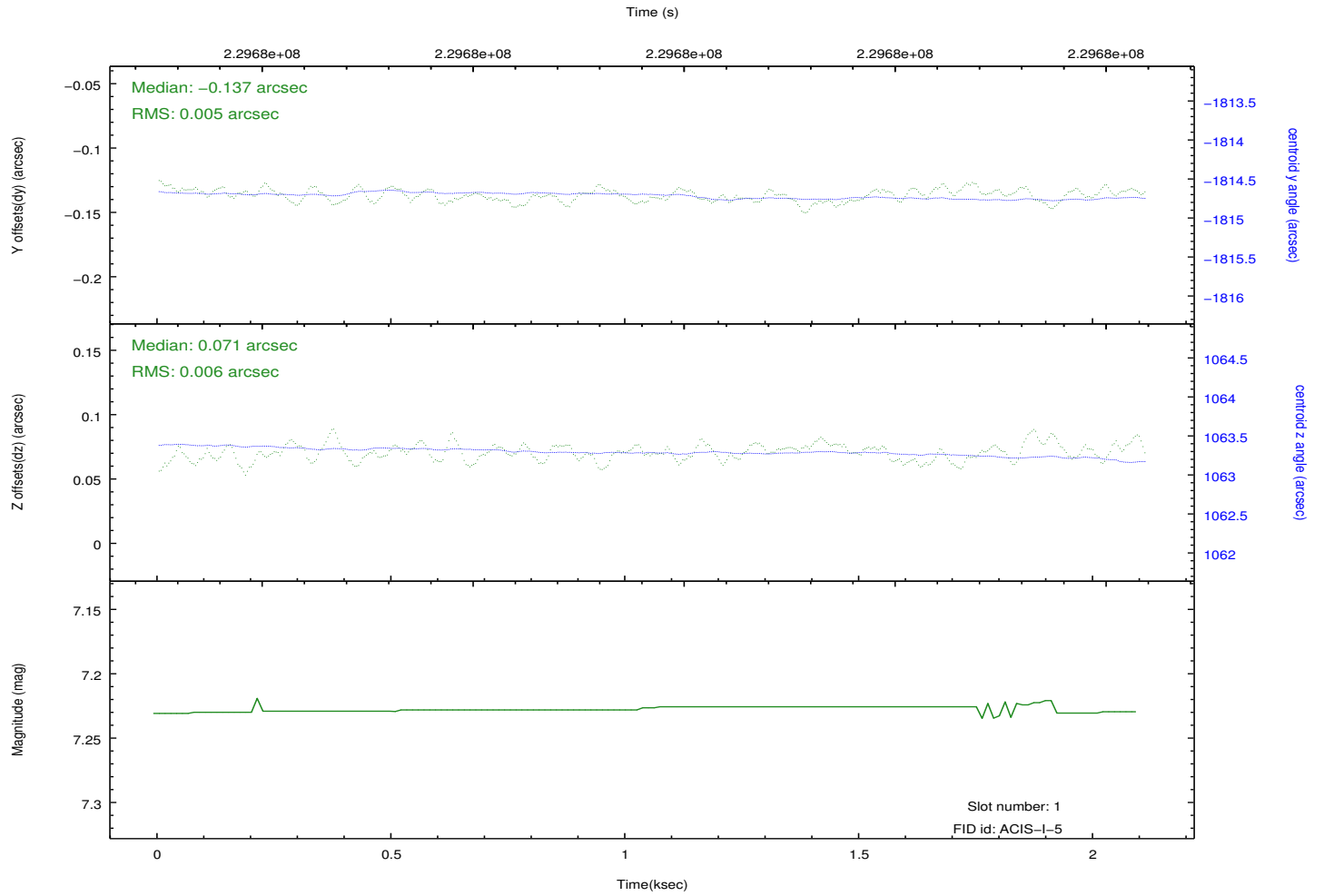
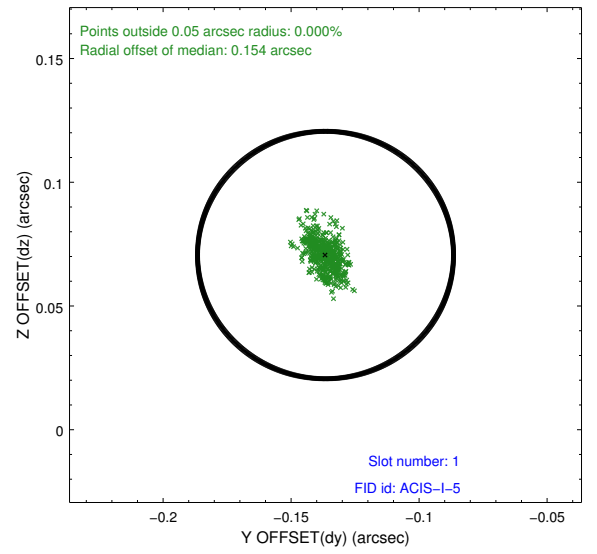
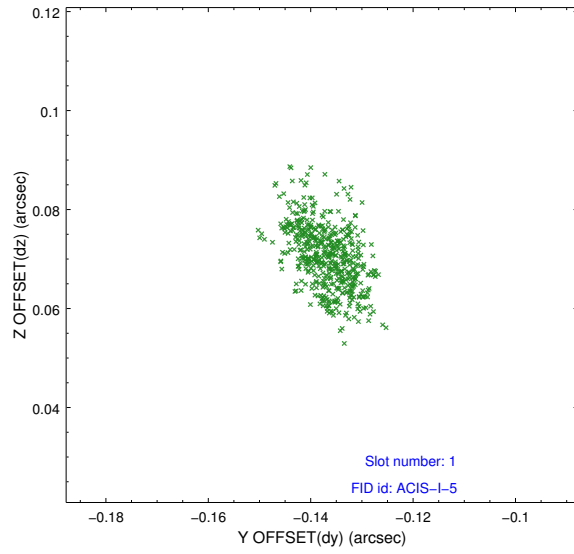


2.5 FID Slots

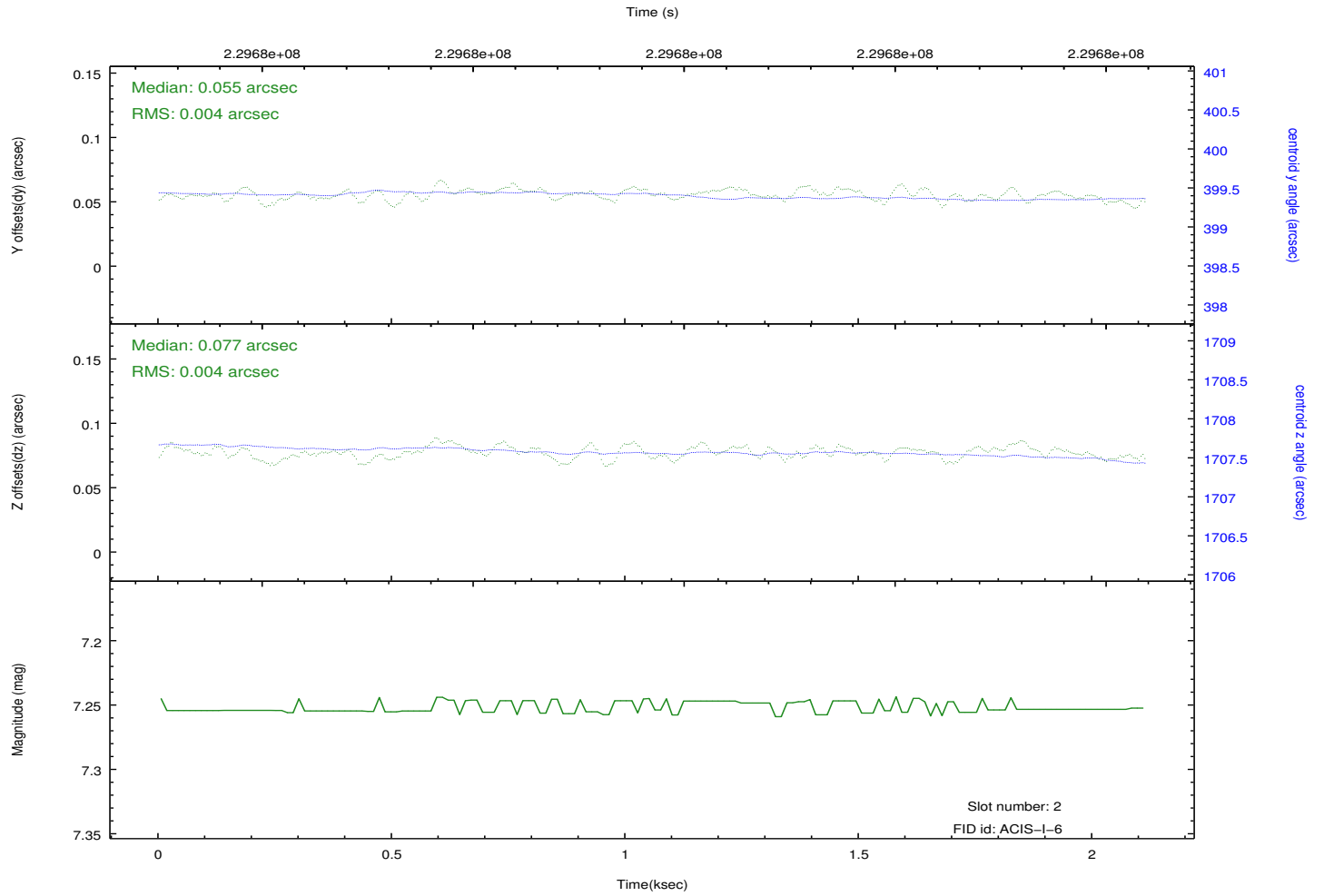
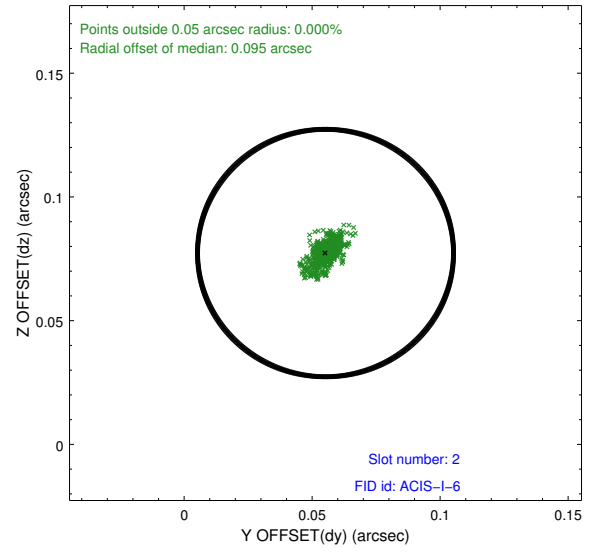
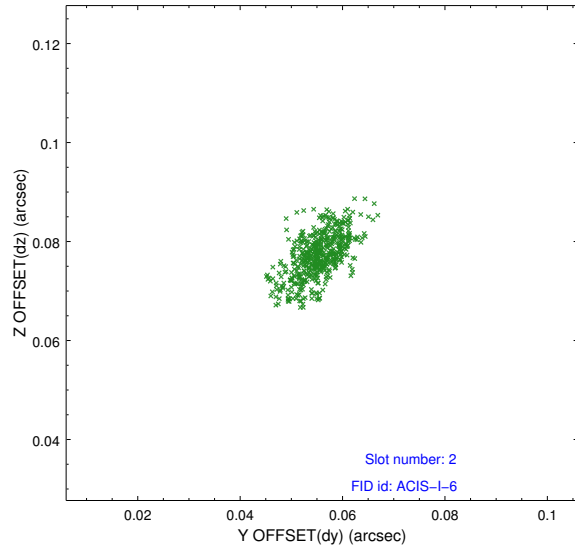
2.5.1 Slot 0



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)	2013.01.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.700479

A.2 Comments

Window constraint satisfied.