

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 6565 - L2 Version 2
Chandra X-Ray Center

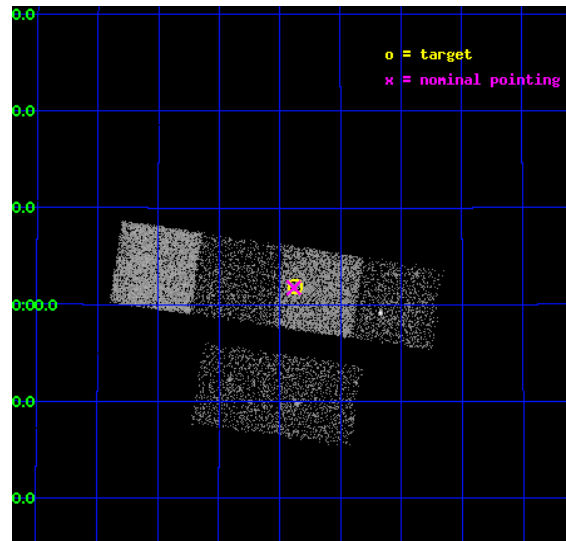
L2 Processing Date : Mar 17 2012

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1 Front

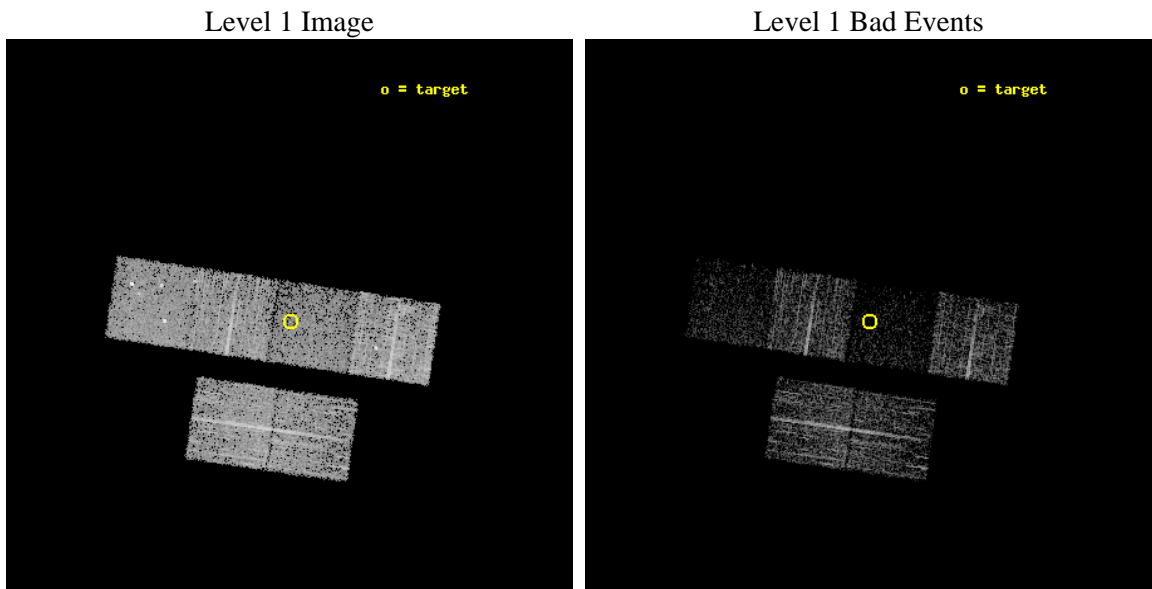
seq_num	300169	Sequence number
obs_id	6565	Observation id
title	X-ray Measures of the Three Newest Double-Degenerate AM CVn's	Pro
observer	Dr. Scott Anderson	Principal investigator
object	SDSS J1552+3201	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	238.219167	Observer's specified target RA [deg]
dec_targ	32.030806	Observer's specified target Dec [deg]
ra_nom	238.22085131183	Nominal RA [deg]
dec_nom	32.029228143009	Nominal Dec [deg]
roll_nom	8.372656713214	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3161.5999882221	Sum of GTIs [s]
livetime	3121.5659054843	Livetime [s]
ontime2	3161.5999882221	Sum of GTIs [s]
ontime3	3161.5999882221	Sum of GTIs [s]
ontime5	3161.5999882221	Sum of GTIs [s]
ontime6	3161.5999882221	Sum of GTIs [s]
ontime7	3161.5999882221	Sum of GTIs [s]
ontime8	3161.5999882221	Sum of GTIs [s]
l2events	19687	Number of level 2 events



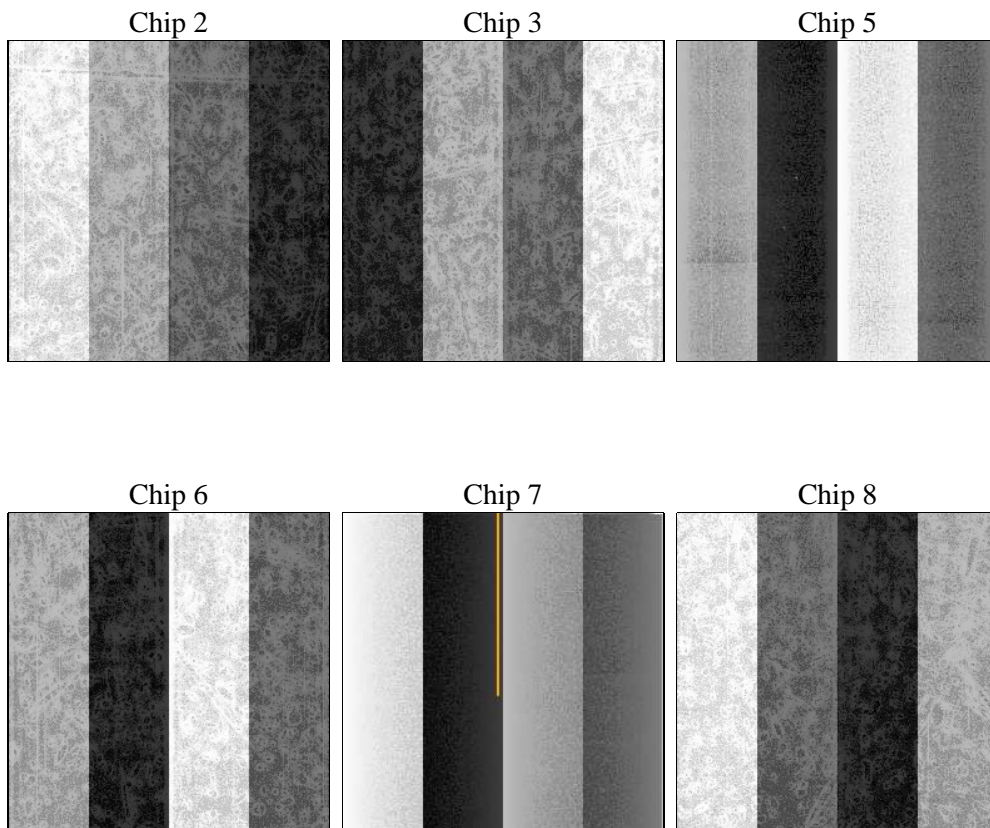
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	3000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.3	Processing system revision	ontime	3161.5999882221	Sum of GTIs [s]
caldsver	4.4.8	 	ontime2	3161.5999882221	Sum of GTIs [s]
date	2012-03-17T16:03:41	Date and time of file creation	ontime3	3161.5999882221	Sum of GTIs [s]
revision	2	Processing version of data	ontime5	3161.5999882221	Sum of GTIs [s]
			ontime6	3161.5999882221	Sum of GTIs [s]
			ontime7	3161.5999882221	Sum of GTIs [s]
			ontime8	3161.5999882221	Sum of GTIs [s]
			l1events	106237	Number of level 1 events

2.1.4 Events

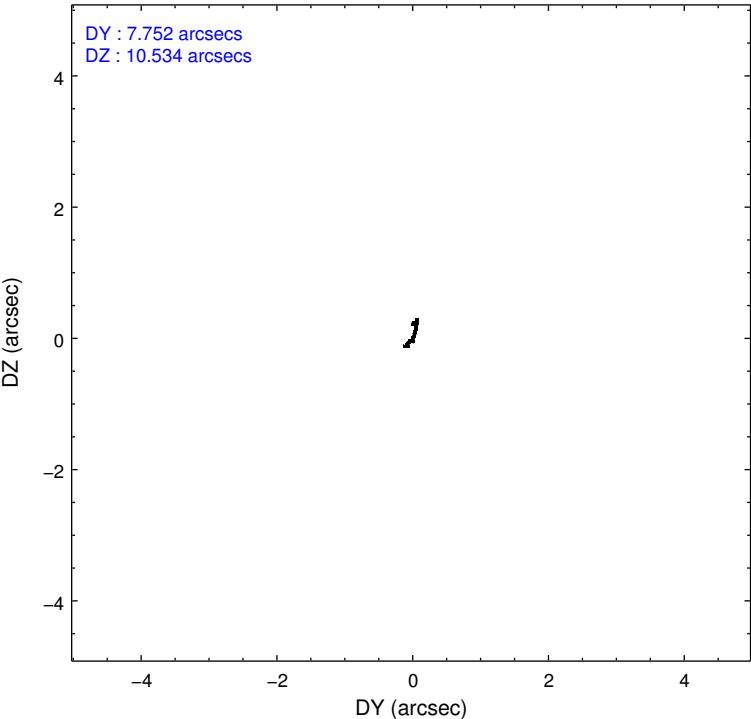
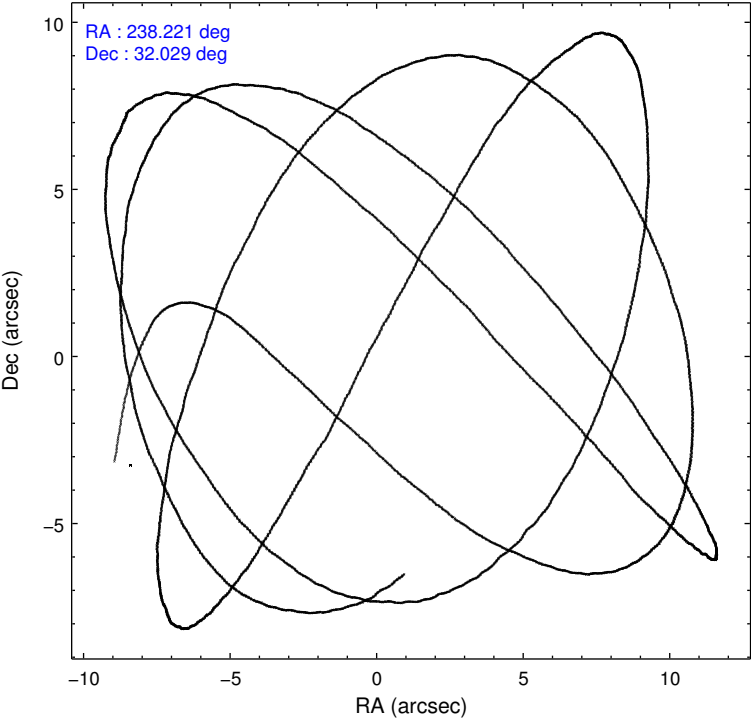
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	20802	16713	17122	18156	10404	23040
rejected events	19213	15248	6620	16496	4629	17201
rejected %	92%	91%	38%	90%	44%	74%

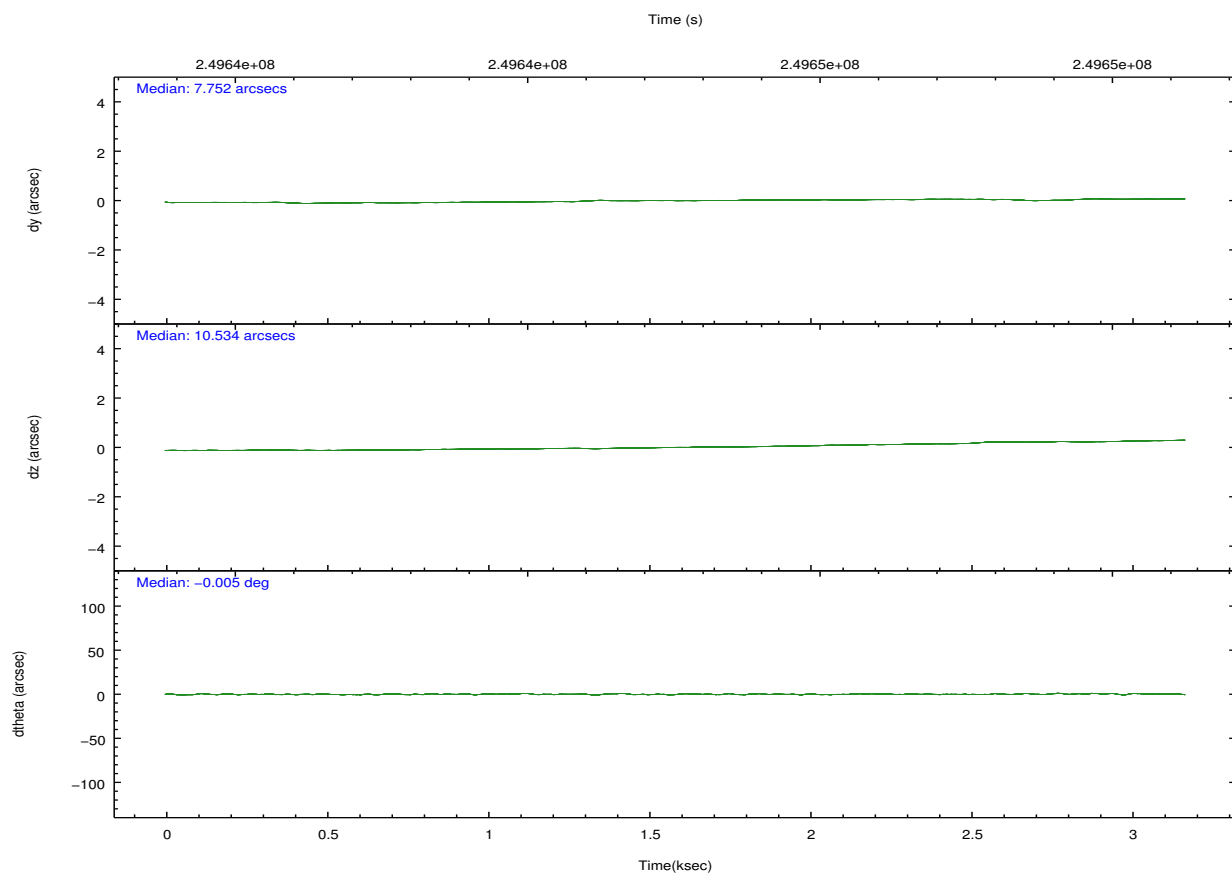
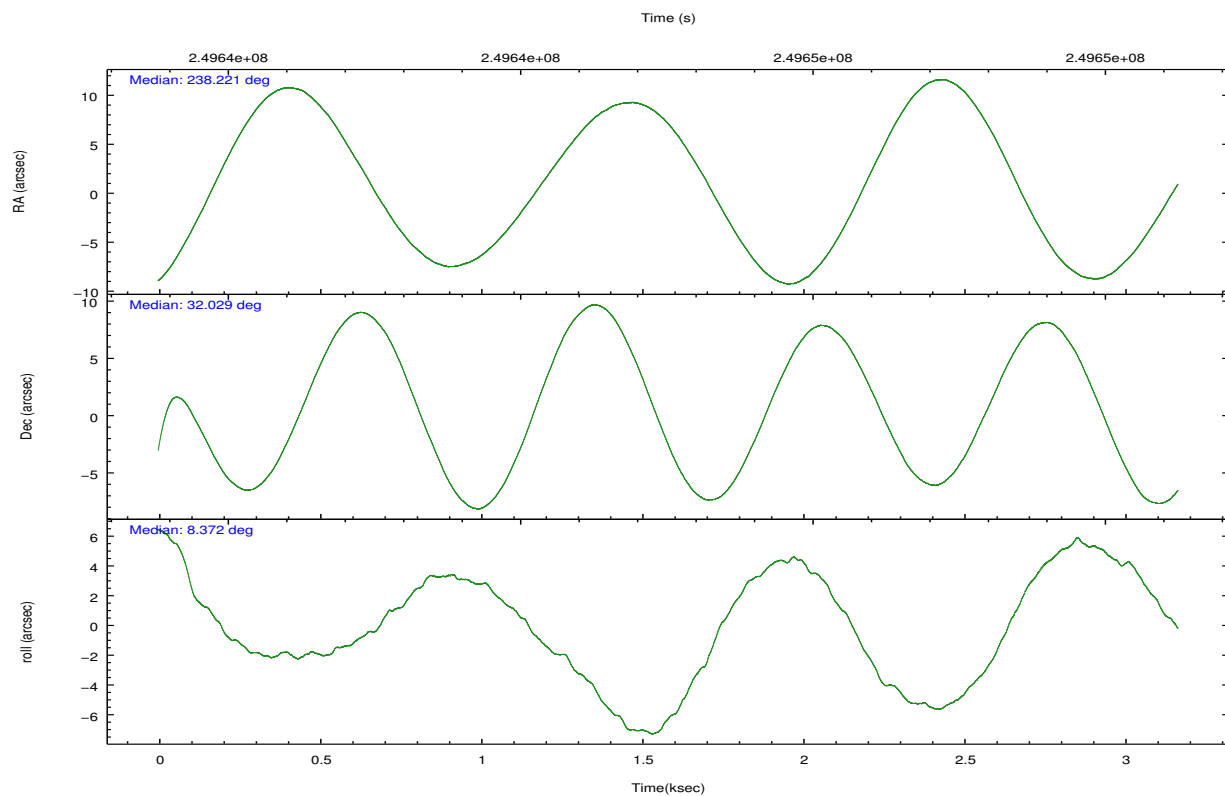
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	688	626	1993	699	745	2004
	3%	3%	11%	3%	7%	8%
grade 1 events	18	9	56	7	23	15
	0%	0%	0%	0%	0%	0%
grade 2 events	391	312	3585	388	1403	1288
	1%	1%	20%	2%	13%	5%
grade 3 events	159	150	547	167	625	636
	0%	0%	3%	0%	6%	2%
grade 4 events	186	186	508	178	646	629
	0%	1%	2%	0%	6%	2%
grade 5 events	266	361	1339	354	1112	604
	1%	2%	7%	1%	10%	2%
grade 6 events	232	238	4220	290	2547	1488
	1%	1%	24%	1%	24%	6%
grade 7 events	18862	14831	4874	16073	3303	16376
	90%	88%	28%	88%	31%	71%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-235678	ACIS-235678	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	238.195997	238.2208513118323	Subarray requested	NONE	NONE
[deg] Pointing Dec	32.012137	32.02922814300935	Alternating exposures requested	N	N
[deg] Pointing Roll	8.229214	8.372656713213994	[s] Primary exposure time	0.000000	3.2
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.001444936568705701			
[mm] SIM translation stage pos	-190.132523	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	249644081.184000	249642969.53558			
Observation start date	2005-11-29T09:33:37	2005-11-29T09:16:09			
[s] Observation end time (MET)	249647081.184000	249647877.2358			
Observation end date	2005-11-29T10:23:37	2005-11-29T10:37:57			
Read mode	TIMED	TIMED			

2.3 Aspect



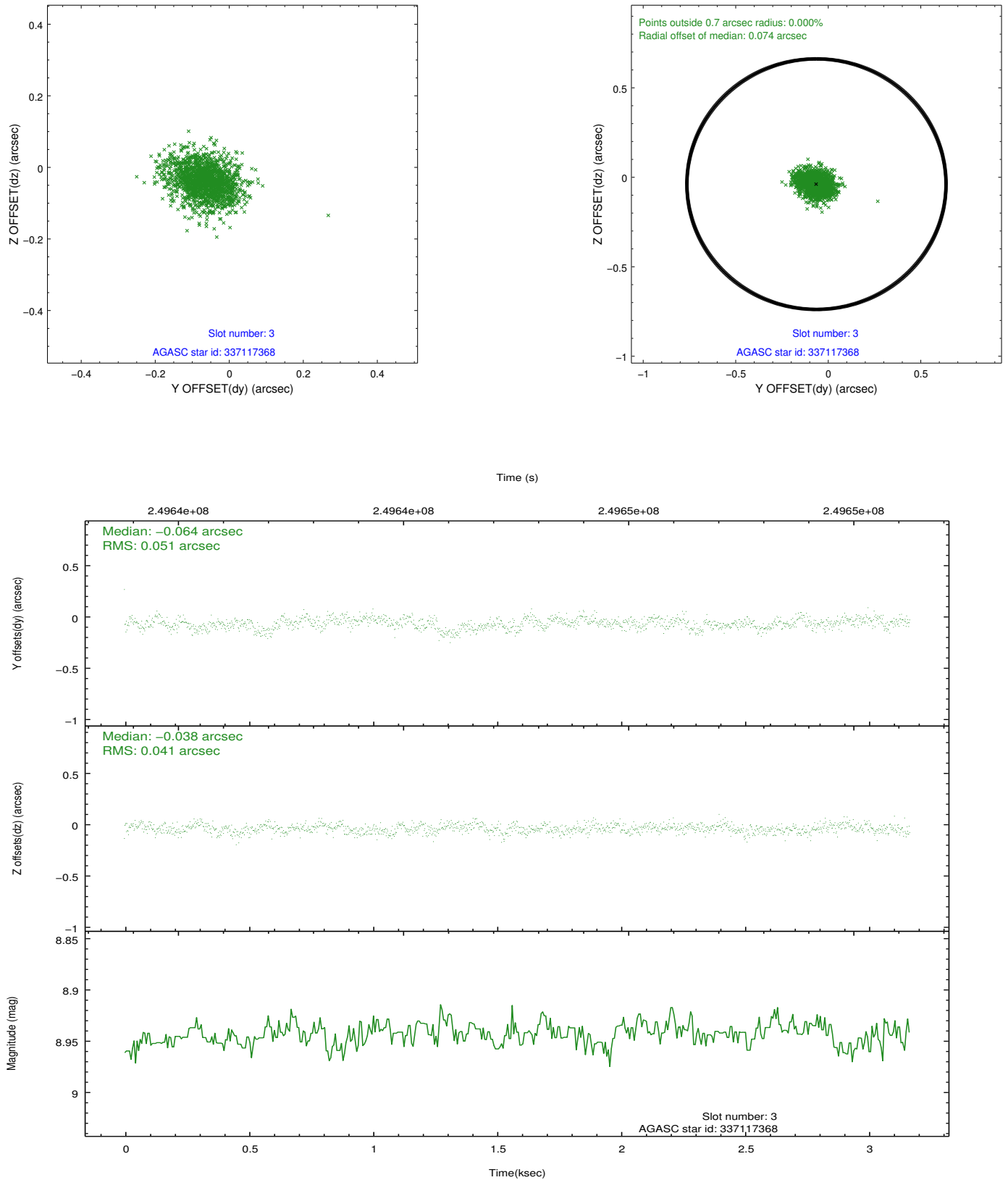


Slot Statistics

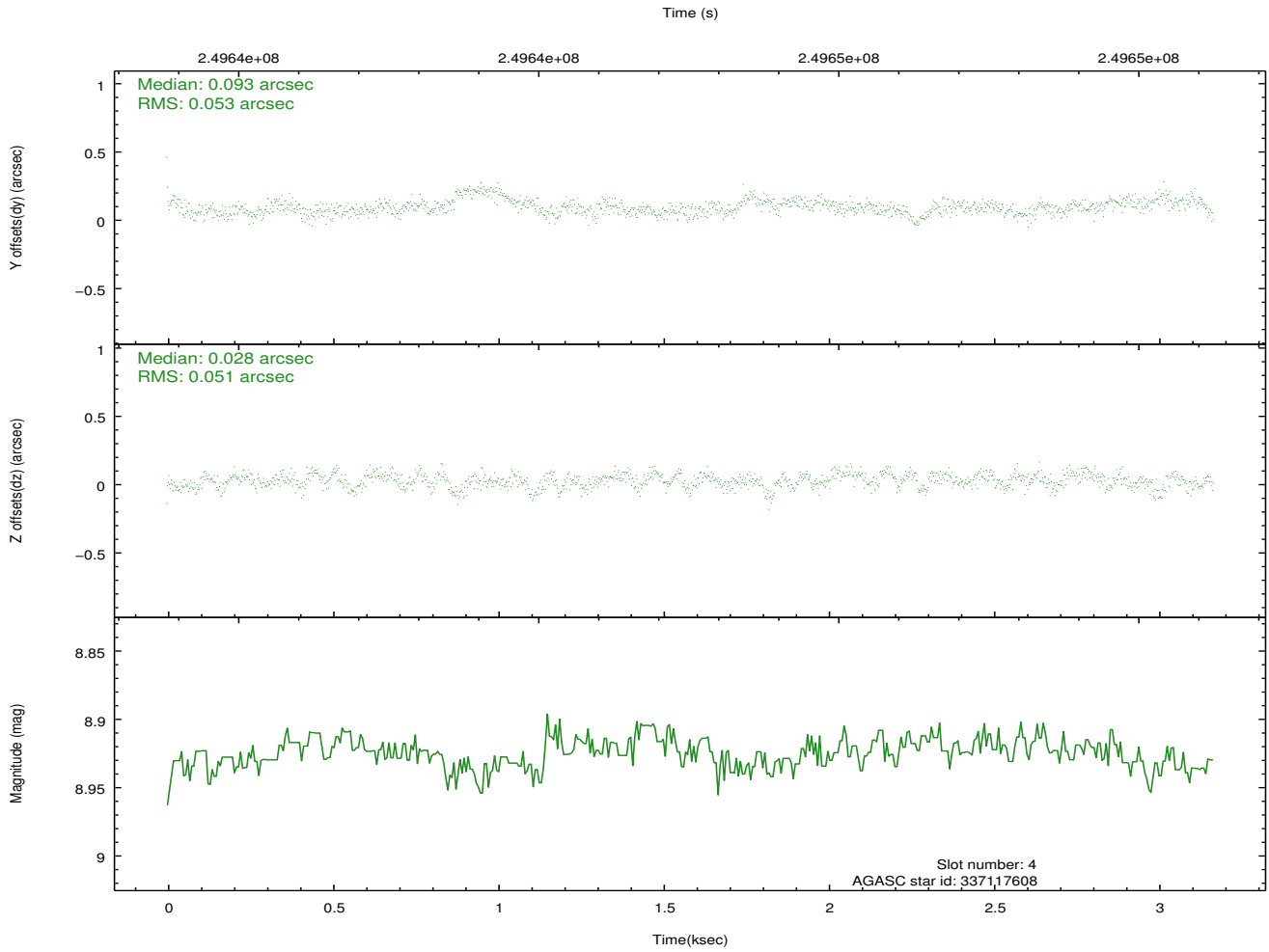
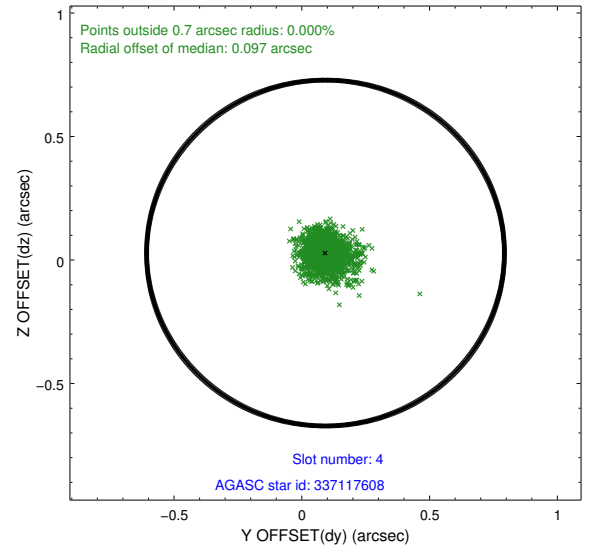
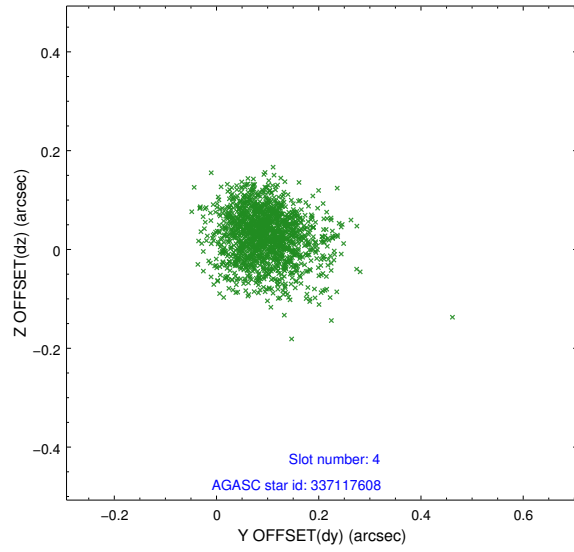
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	773	-0.048	-0.021	0.006	0.010	0.000000	0.000000	-760.51	-1731.81
1	FID	ACIS-S-4	7.21	773	0.110	0.029	0.006	0.010	0.000000	0.000000	2151.96	174.71
2	FID	ACIS-S-5	7.24	773	-0.094	0.001	0.007	0.012	0.000000	0.000000	-1810.86	170.54
3	GUIDE	337117368	8.94	1545	-0.064	-0.038	0.068	0.116	237.642090	32.225739	-1558.39	1007.17
4	GUIDE	337117608	8.93	1546	0.093	0.028	0.076	0.128	237.770221	31.720854	-1440.51	-847.60
5	GUIDE	337120024	8.33	1545	-0.039	0.085	0.058	0.093	237.744790	31.501005	-1634.14	-1620.13
6	GUIDE	337122104	8.66	1545	-0.008	0.008	0.070	0.110	238.551370	32.342676	1239.76	1024.26
7	GUIDE	337123632	8.39	1545	0.015	-0.079	0.061	0.098	238.091655	32.117884	-258.99	423.39

2.4 Star Slots

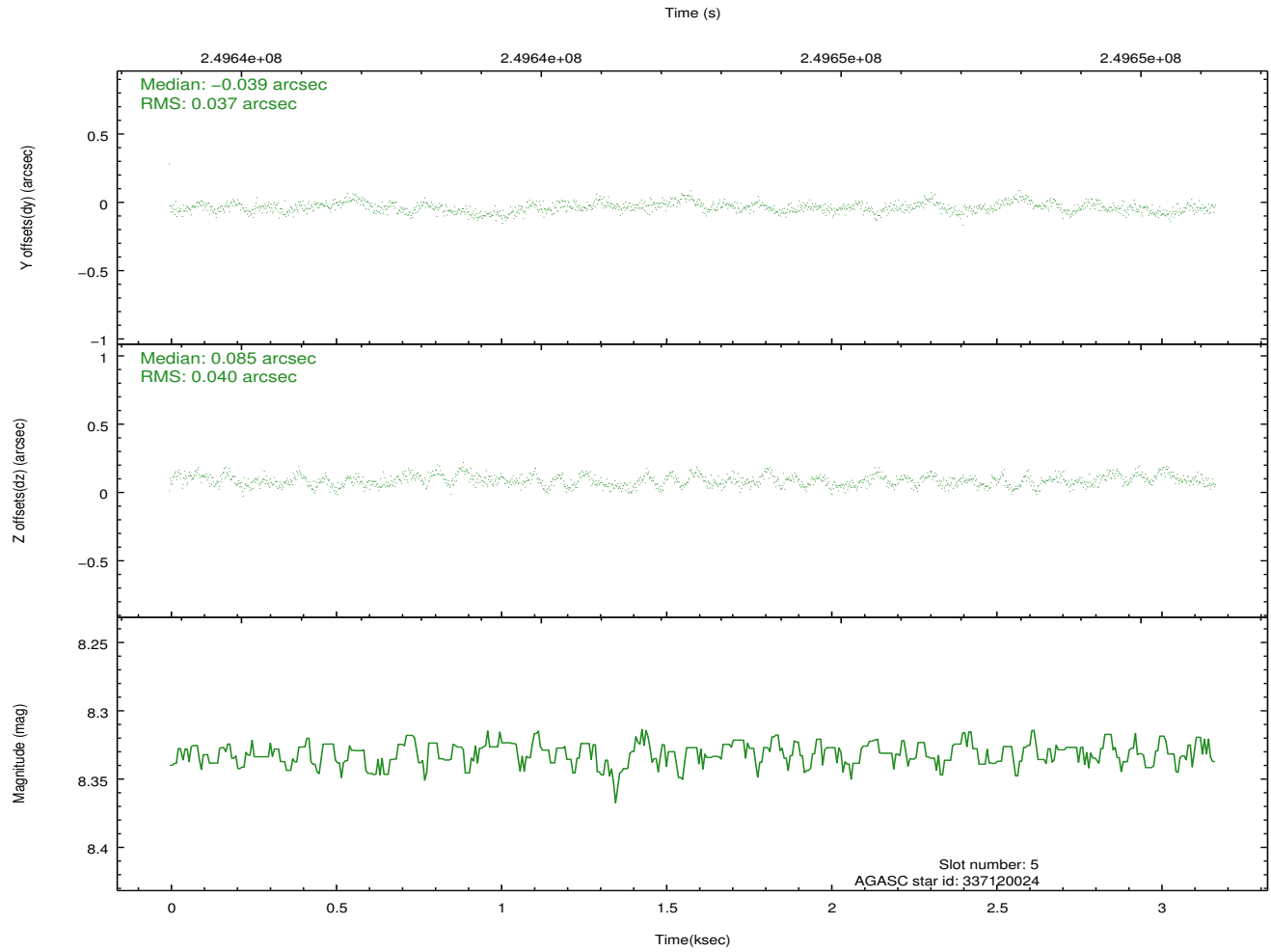
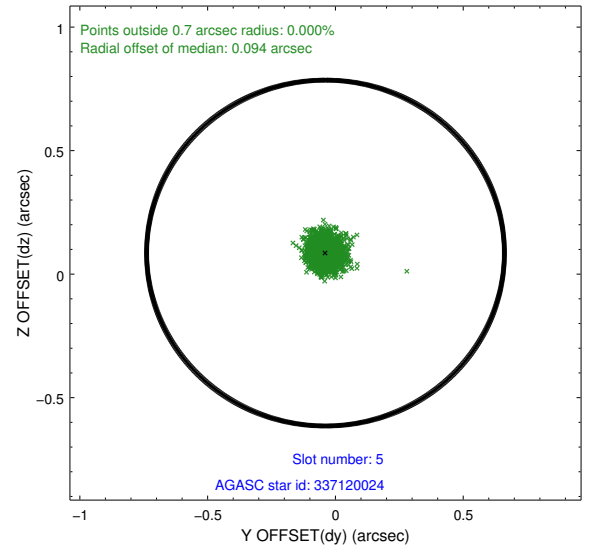
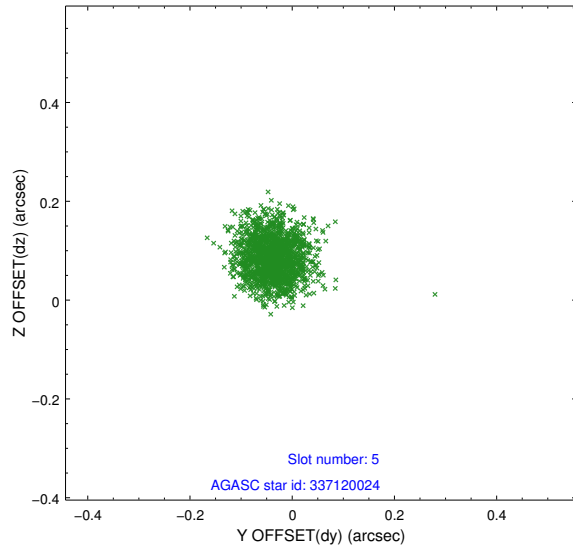
2.4.1 Slot 3



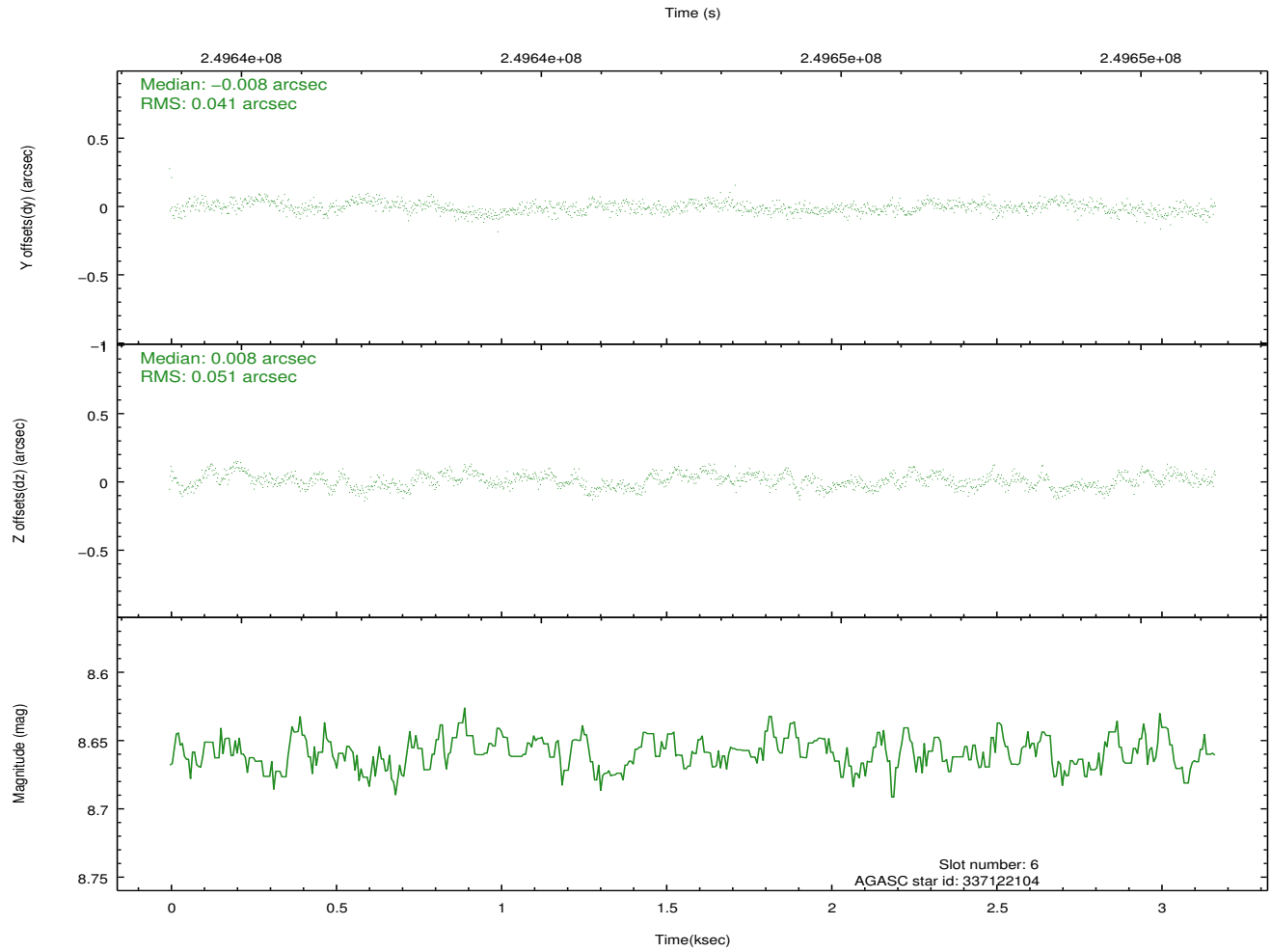
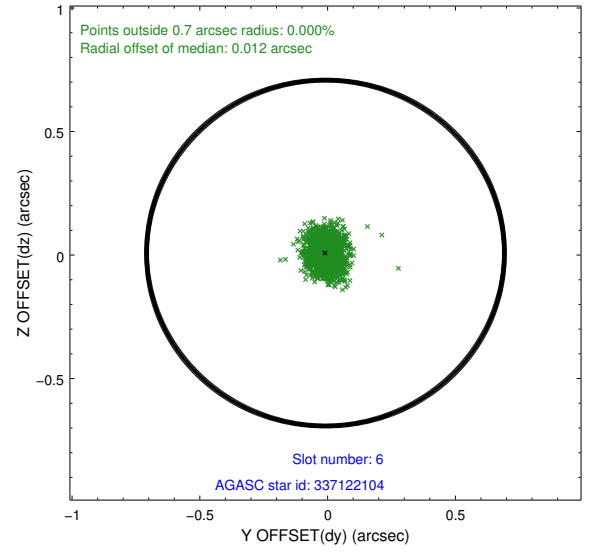
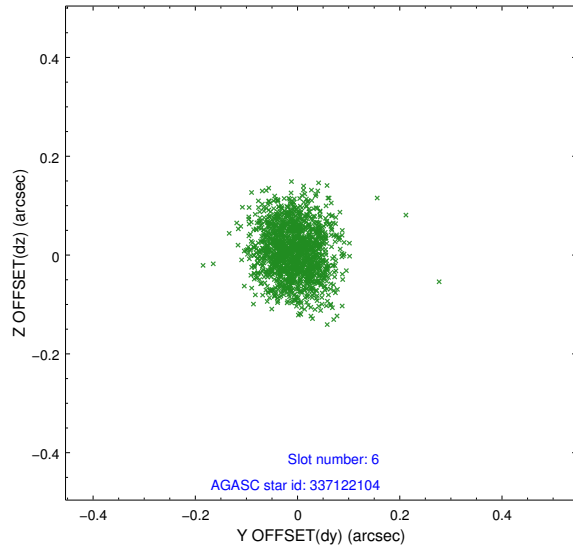
2.4.2 Slot 4



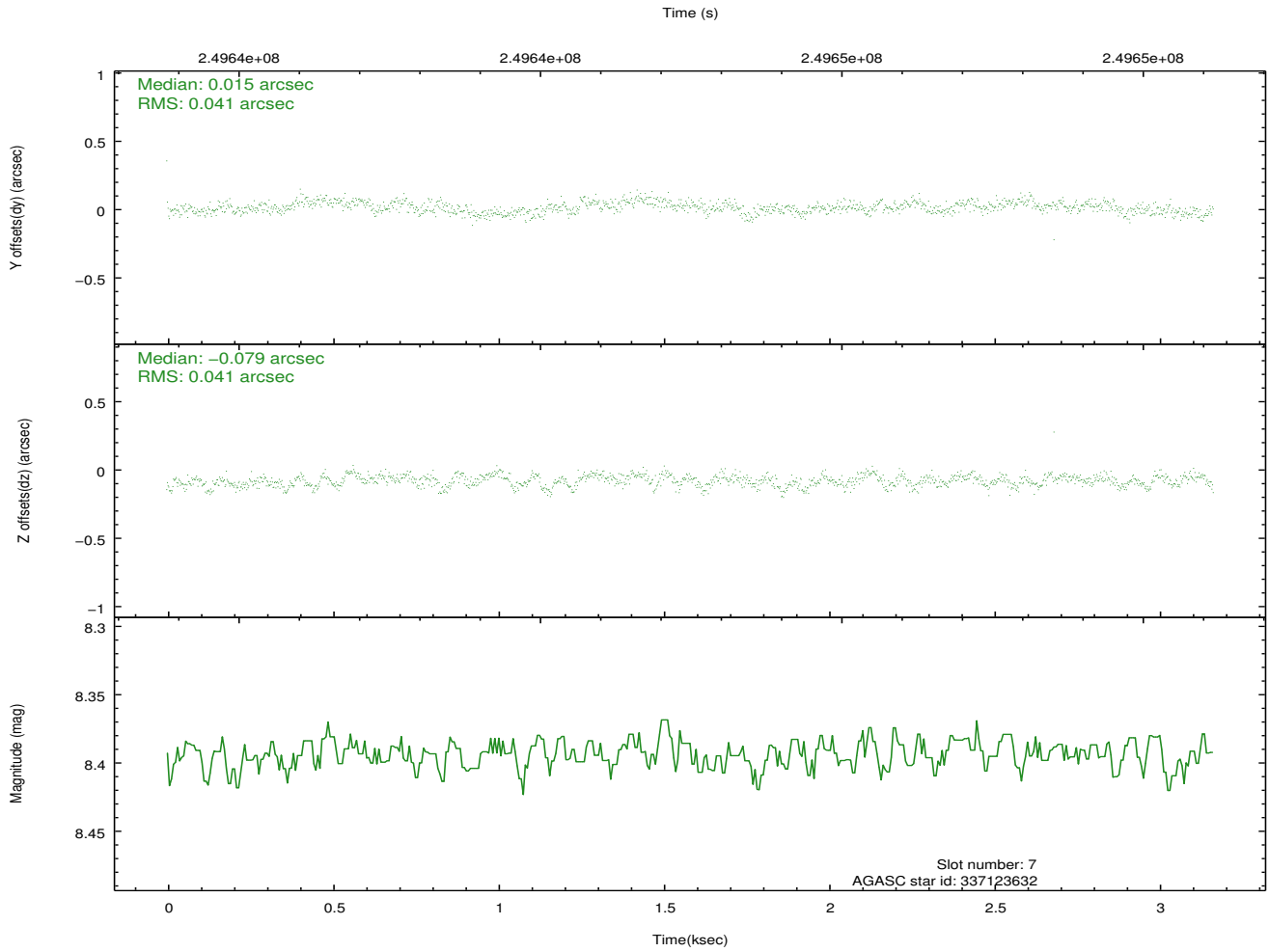
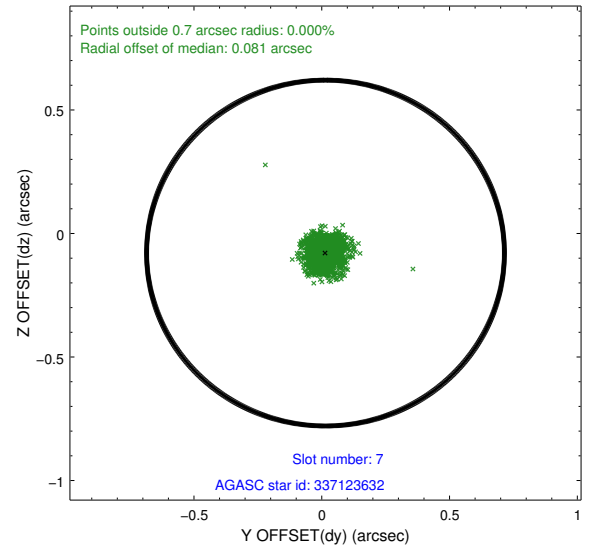
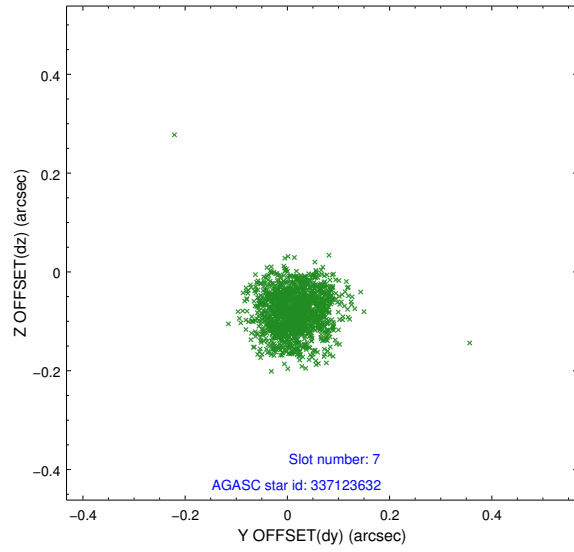
2.4.3 Slot 5



2.4.4 Slot 6

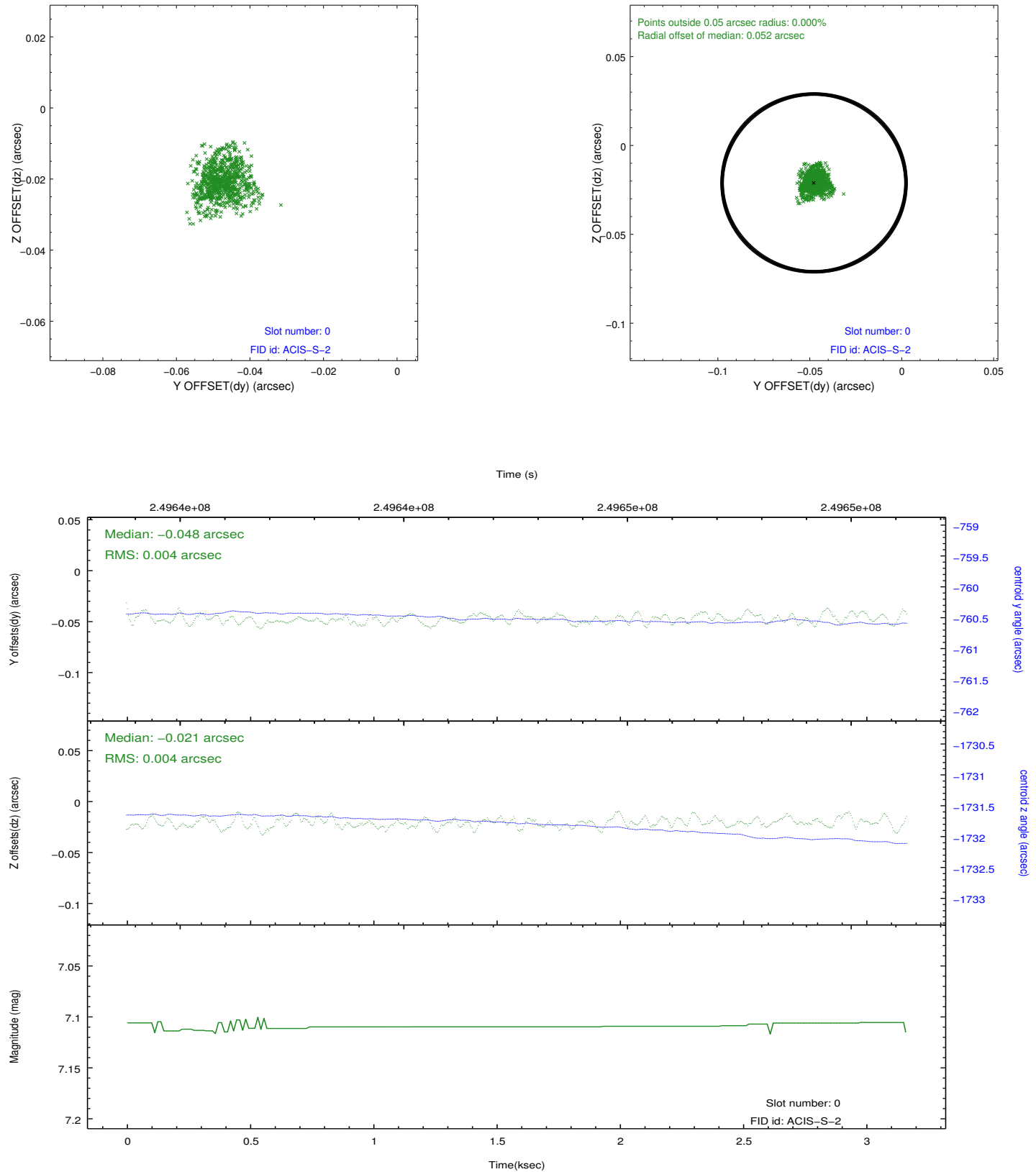


2.4.5 Slot 7

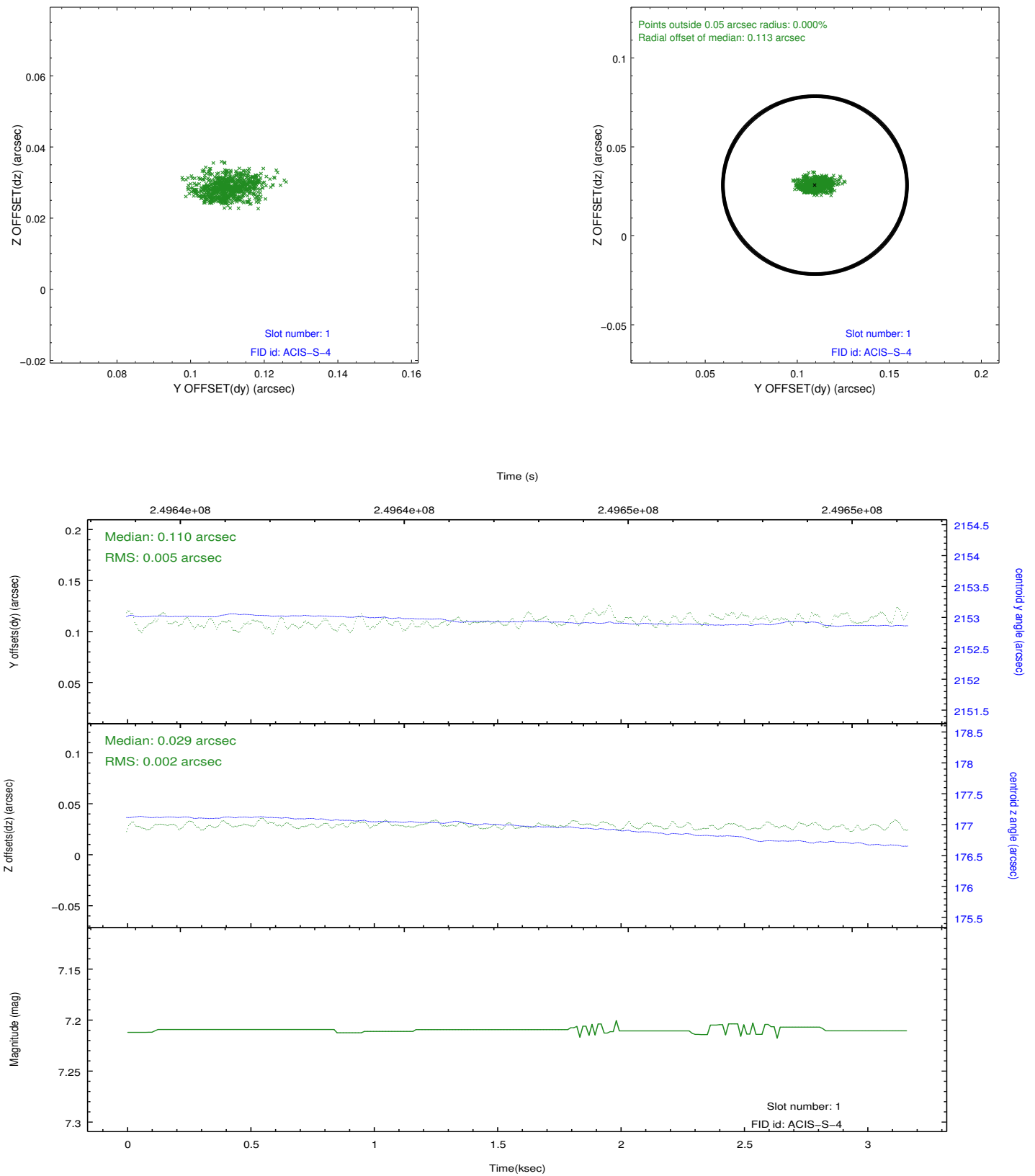


2.5 FID Slots

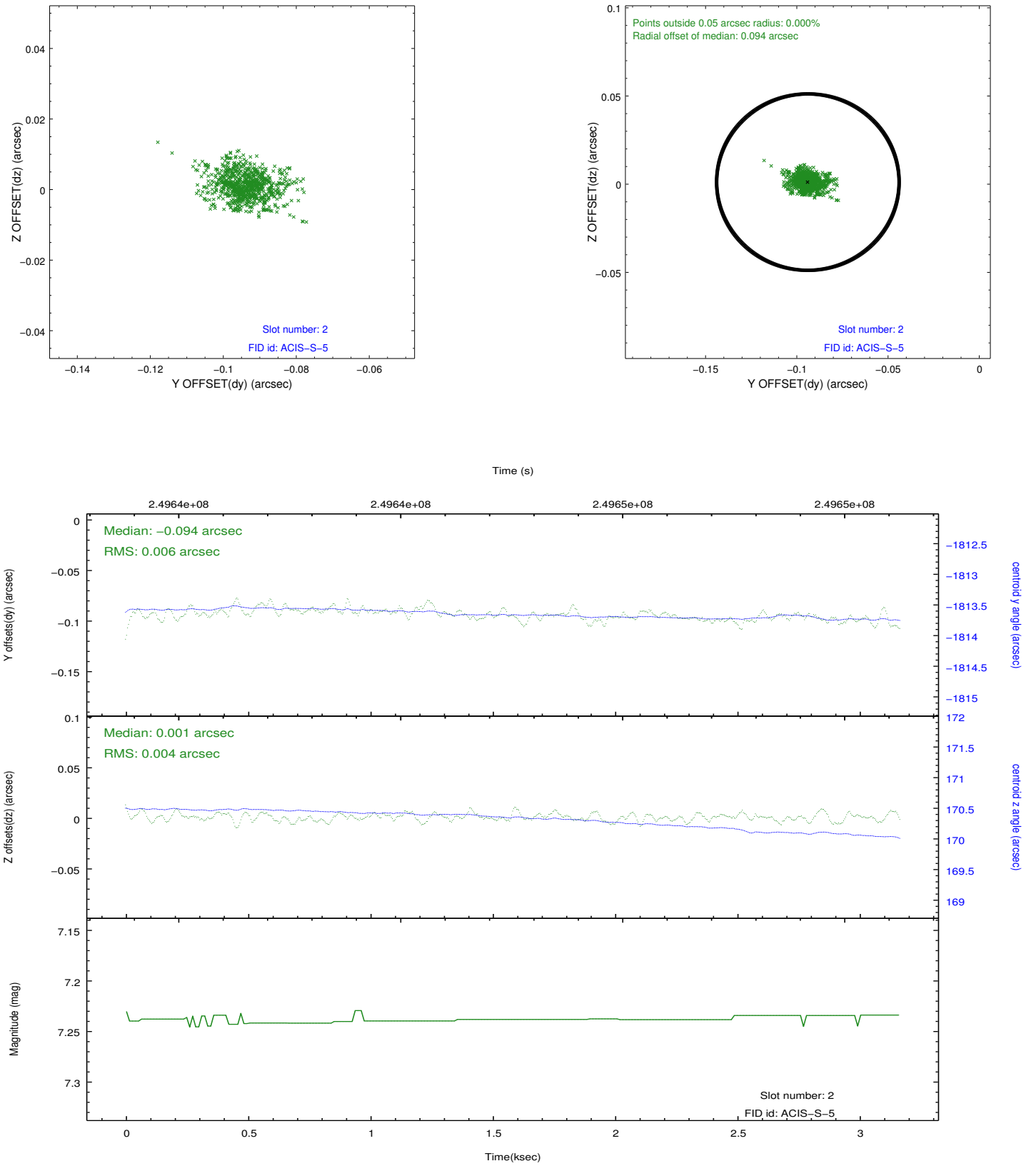
2.5.1 Slot 0



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)	2012.03.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.161599

A.2 Comments