

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 4231 - L2 Version 3
Chandra X-Ray Center

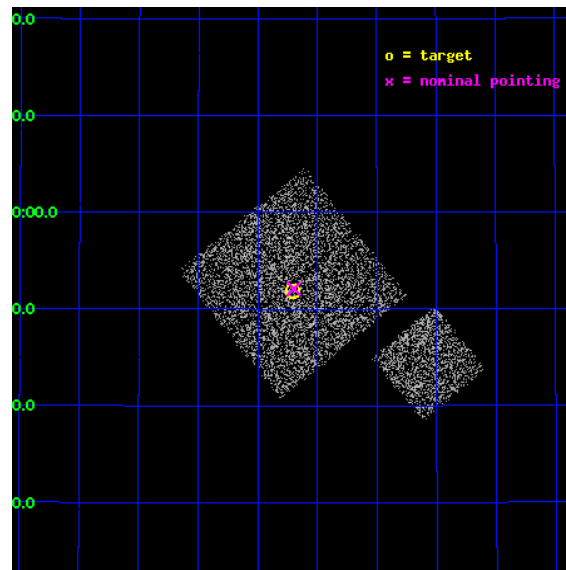
L2 Processing Date : Oct 25 2012

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1 Front

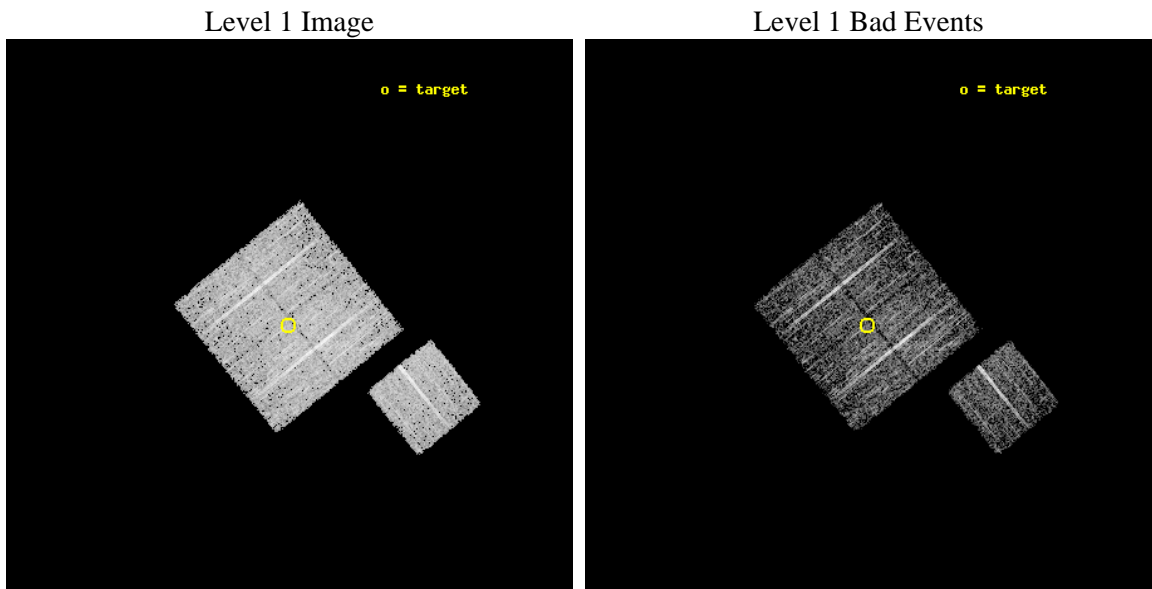
seq_num	900274	Sequence number
obs_id	4231	Observation id
title	A CHANDRA WIDE-FIELD SURVEY TO MAP THE COSMIC WEB AND INVESTIGATE THE EVOLUTION OF NUCLEAR ACCRETION	Proposal title
observer	Dr. Christine Jones	Principal investigator
object	SS14	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	218.676831	Observer's specified target RA [deg]
dec_targ	33.864306	Observer's specified target Dec [deg]
ra_nom	218.67426927593	Nominal RA [deg]
dec_nom	33.868329965011	Nominal Dec [deg]
roll_nom	141.01001908503	Nominal Roll [deg]
revision	3	Processing version of data
ontime	4776.8612191975	Sum of GTIs [s]
livetime	4714.4480106946	Livetime [s]
ontime0	4776.7380991876	Sum of GTIs [s]
ontime1	4776.7791391909	Sum of GTIs [s]
ontime2	4776.8201791942	Sum of GTIs [s]
ontime3	4776.8612191975	Sum of GTIs [s]
ontime6	4776.6970591843	Sum of GTIs [s]
l2events	9796	Number of level 2 events



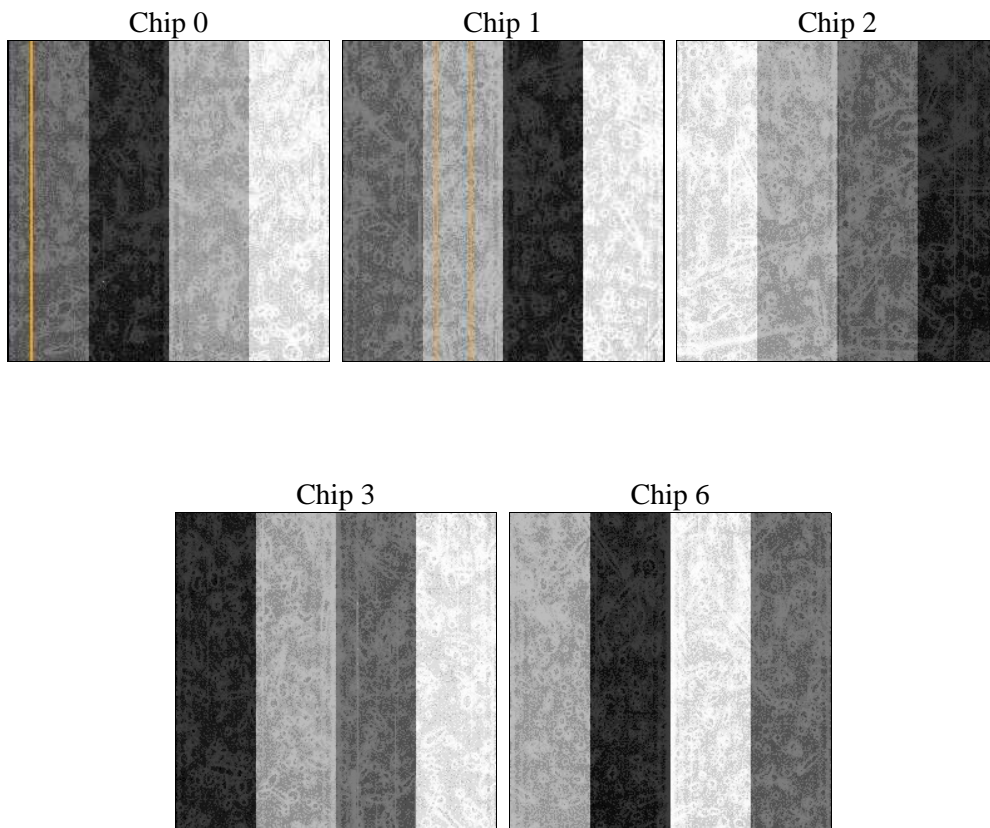
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	5000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	4776.8612191975	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	4776.7380991876	Sum of GTIs [s]
date	2012-10-25T23:39:59	Date and time of file creation	ontime1	4776.7791391909	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	4776.8201791942	Sum of GTIs [s]
			ontime3	4776.8612191975	Sum of GTIs [s]
			ontime6	4776.6970591843	Sum of GTIs [s]
			l1events	120501	Number of level 1 events

2.1.4 Events

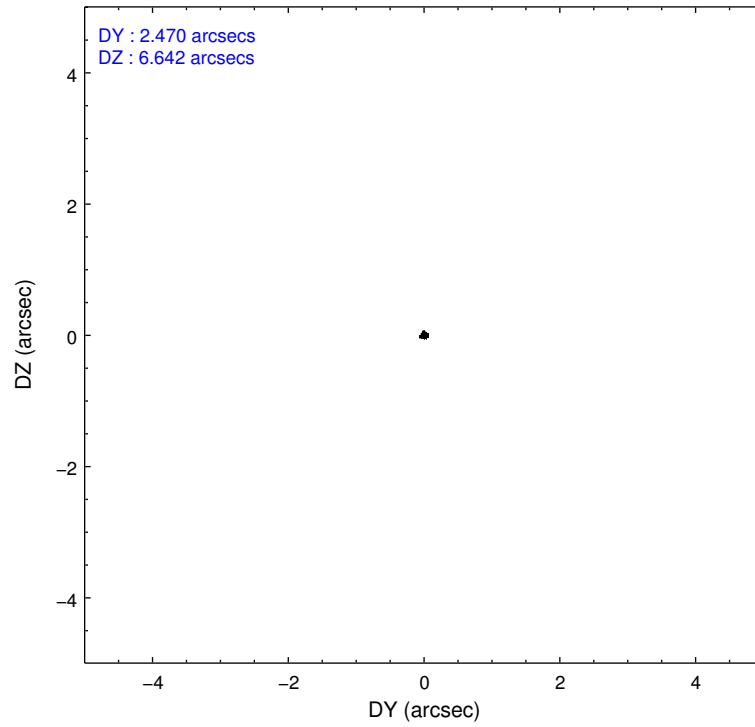
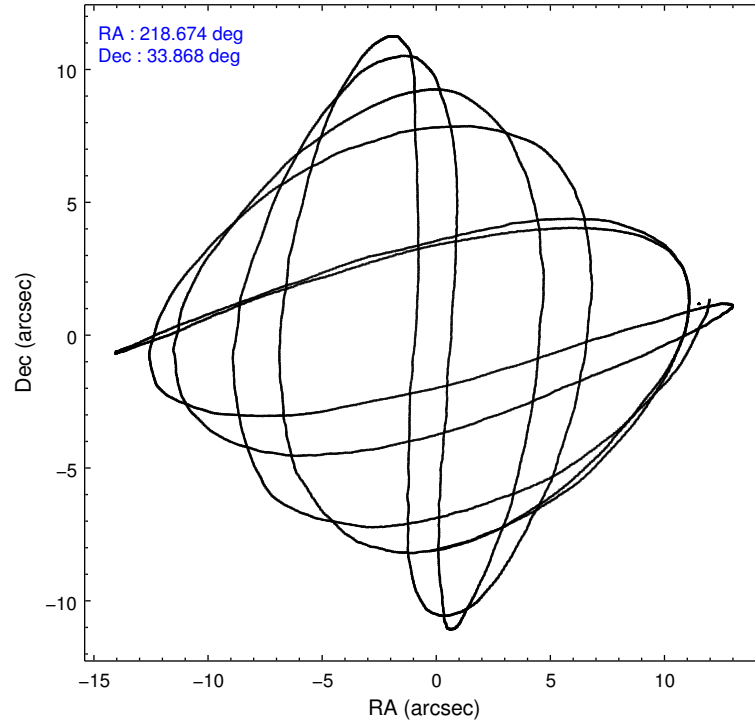
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	22450	22971	27144	24619	23317
rejected events	20041	20556	24675	22296	20884
rejected %	89%	89%	90%	90%	89%

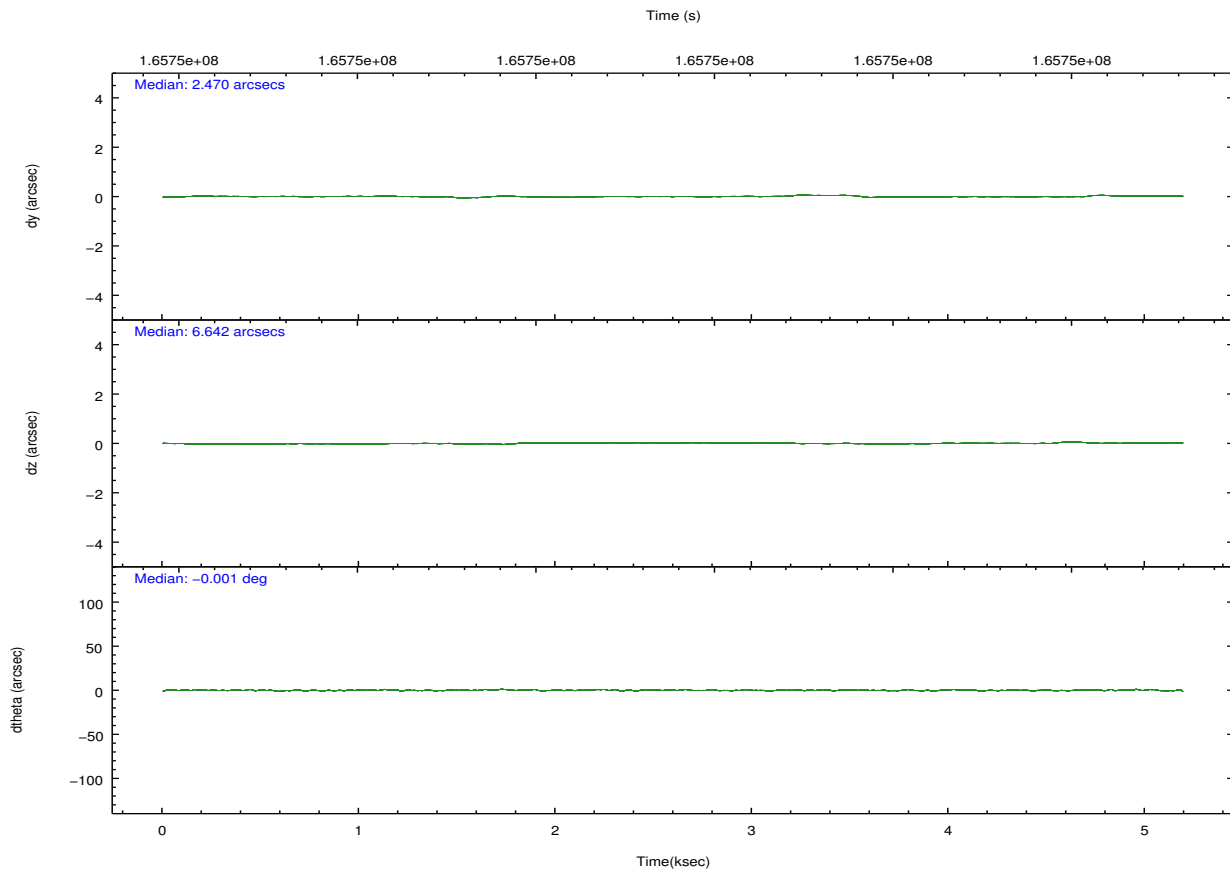
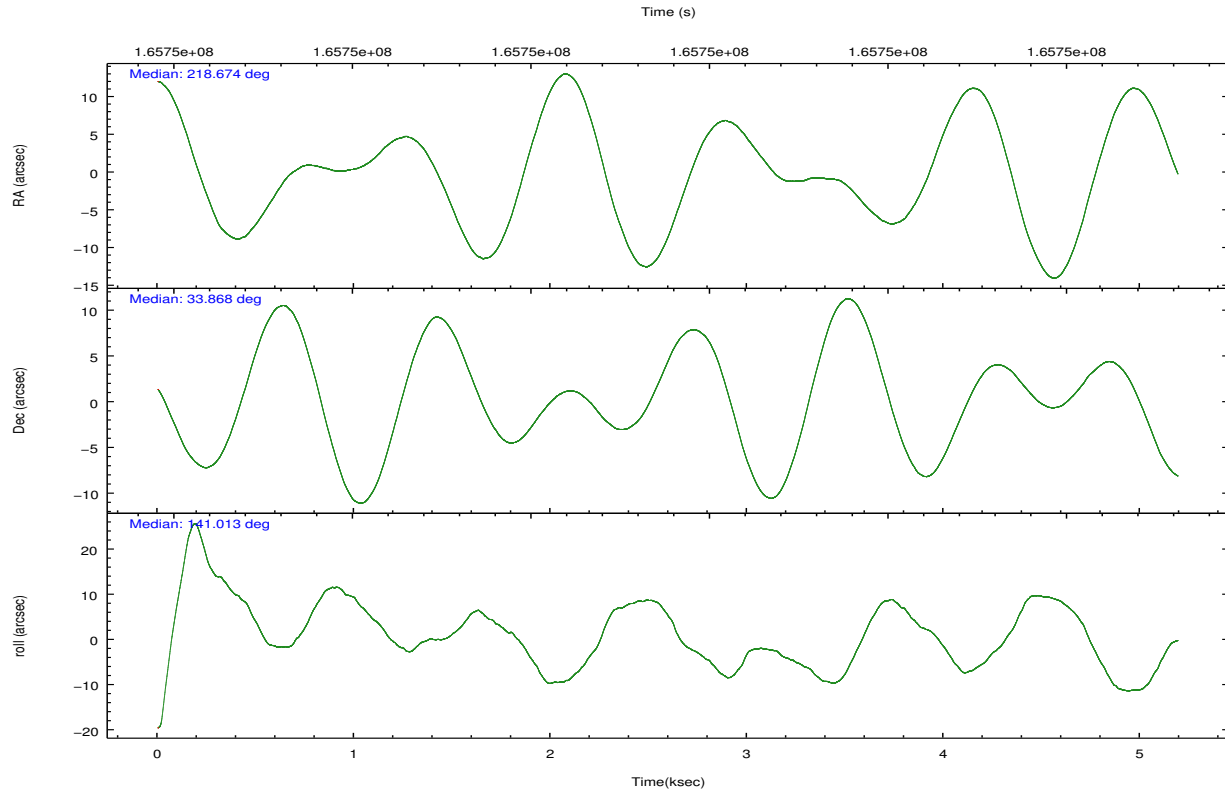
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	848	826	909	872	937
	3%	3%	3%	3%	4%
grade 1 events	12	9	10	15	6
	0%	0%	0%	0%	0%
grade 2 events	556	538	613	496	504
	2%	2%	2%	2%	2%
grade 3 events	281	308	270	301	274
	1%	1%	0%	1%	1%
grade 4 events	274	295	260	248	238
	1%	1%	0%	1%	1%
grade 5 events	678	794	671	807	795
	3%	3%	2%	3%	3%
grade 6 events	451	449	420	408	481
	2%	1%	1%	1%	2%
grade 7 events	19350	19752	23991	21472	20082
	86%	85%	88%	87%	86%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-01236	ACIS-01236	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	218.706801	218.674269275934	Subarray requested	NONE	NONE
[deg] Pointing Dec	33.864226	33.86832996501085	Alternating exposures requested	N	N
[deg] Pointing Roll	140.783302	141.0100190850333	[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)	165749365.184000	165748989.26506			
Observation start date	2003-04-03T09:28:21	2003-04-03T09:23:09			
[s] Observation end time (MET)	165754365.184000	165754499.15279			
Observation end date	2003-04-03T10:51:41	2003-04-03T10:54:59			
Read mode	TIMED	TIMED			

2.3 Aspect



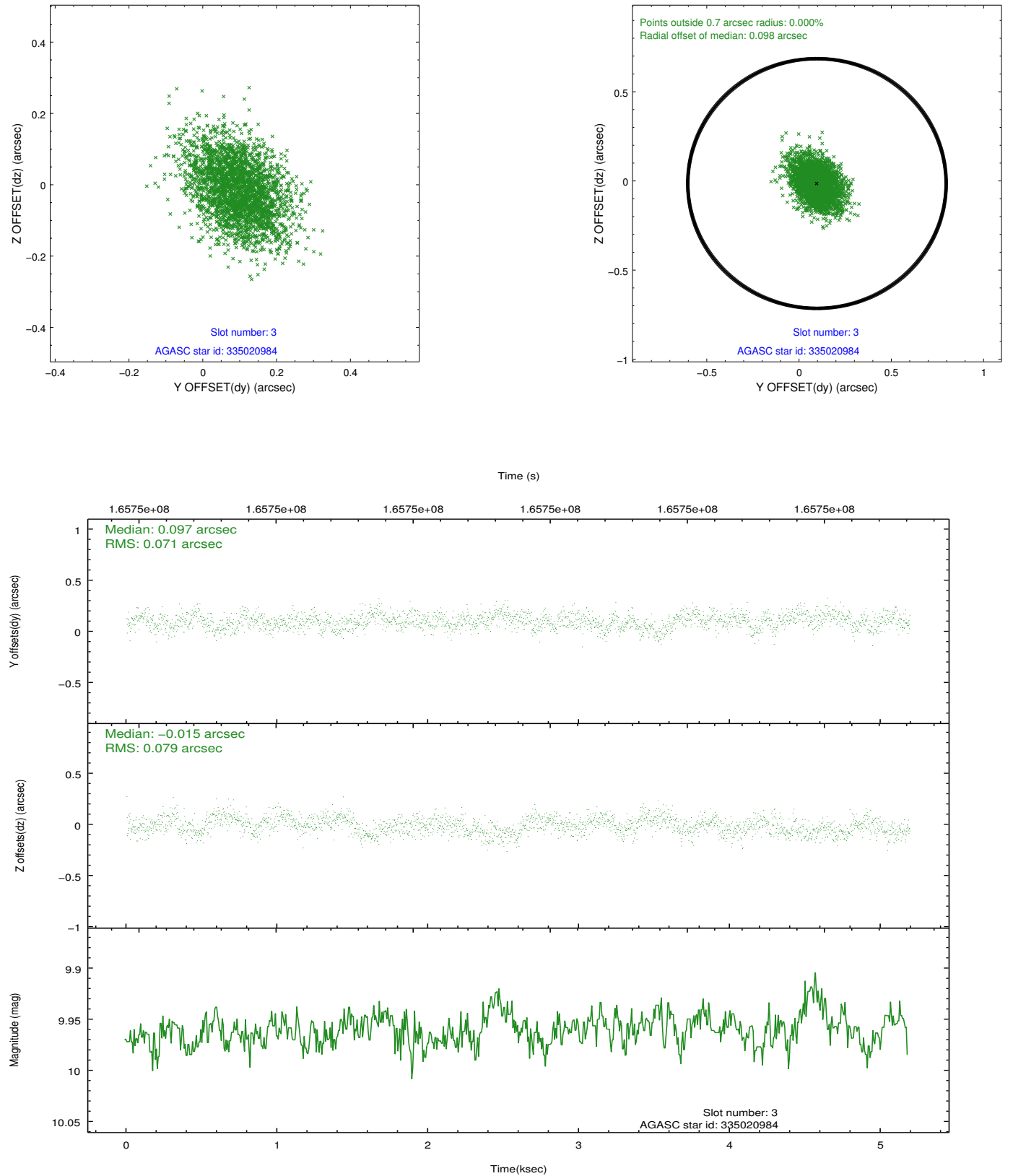


Slot Statistics

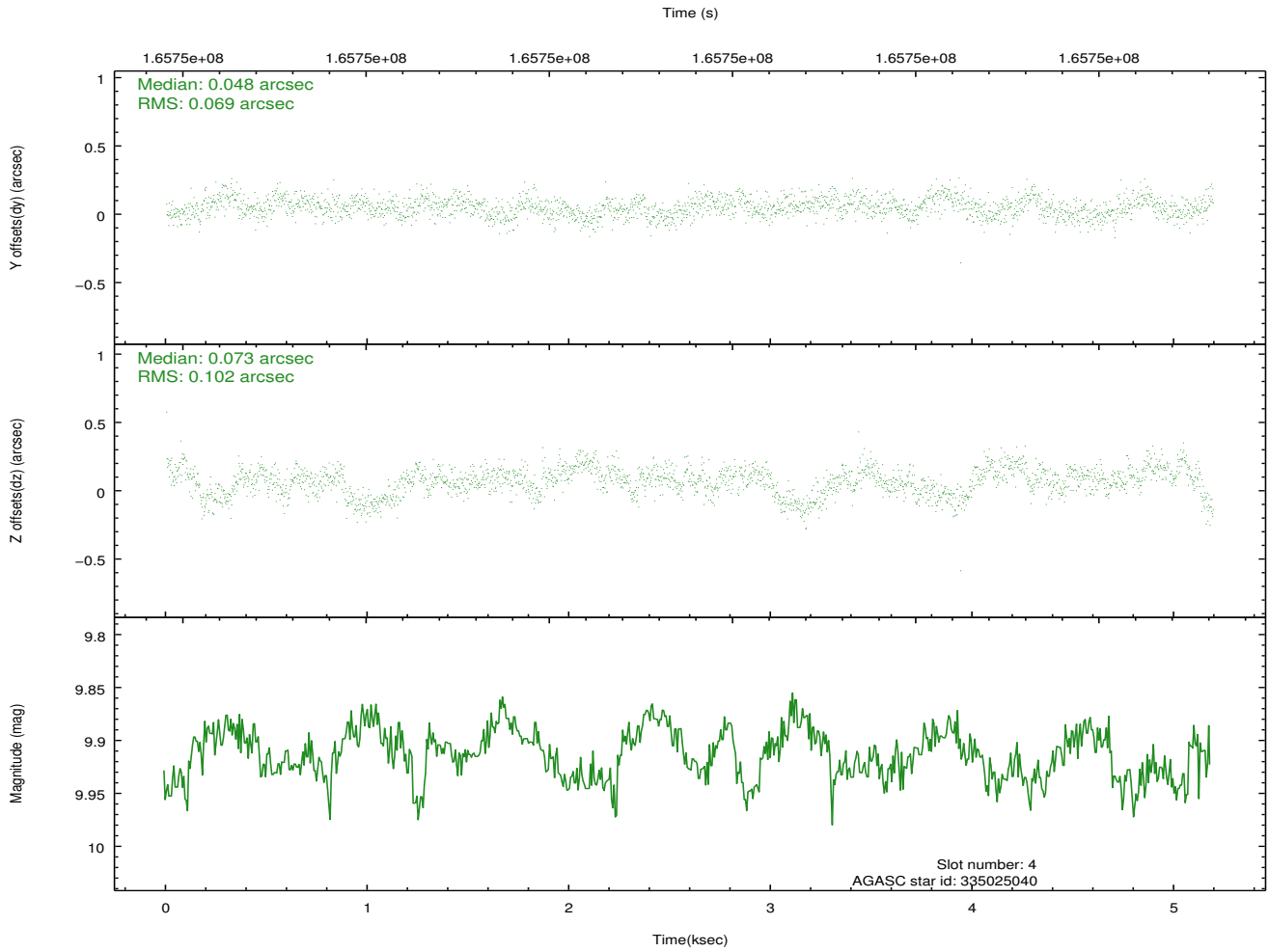
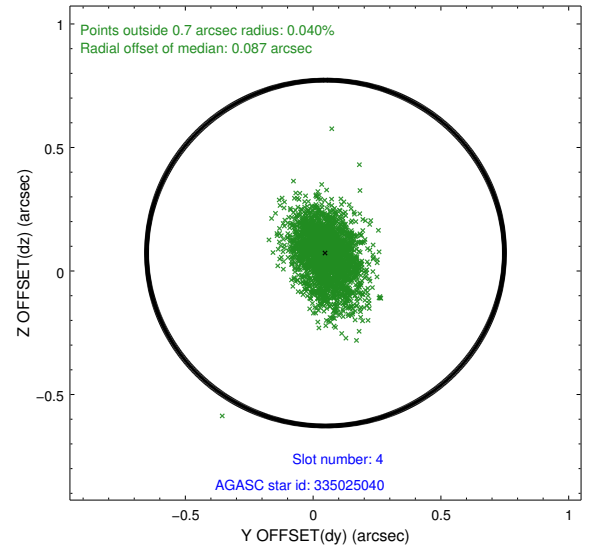
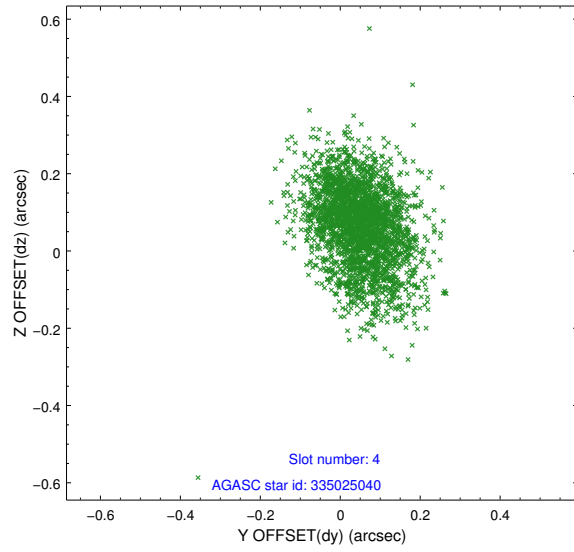
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	1267	0.015	-0.007	0.006	0.011	0.000000	0.000000	937.33	-830.05
1	FID	ACIS-I-5	7.24	1267	-0.082	0.054	0.006	0.010	0.000000	0.000000	-1810.18	1066.97
2	FID	ACIS-I-6	7.26	1267	-0.024	0.024	0.007	0.012	0.000000	0.000000	401.63	1712.73
3	GUIDE	335020984	9.96	2532	0.097	-0.015	0.111	0.186	218.841668	33.815112	-422.96	-118.38
4	GUIDE	335025040	9.91	2525	0.048	0.073	0.127	0.218	218.601670	34.305240	1246.59	-1032.58
5	GUIDE	335152784	7.23	2533	-0.036	-0.063	0.072	0.119	219.280617	33.678221	-1751.23	-572.16
6	GUIDE	335155824	8.92	2529	-0.082	0.022	0.084	0.132	219.689900	34.035435	-1874.00	-2342.89
7	GUIDE	335157088	9.09	2531	-0.030	-0.012	0.077	0.124	219.274029	33.726909	-1625.63	-695.27

2.4 Star Slots

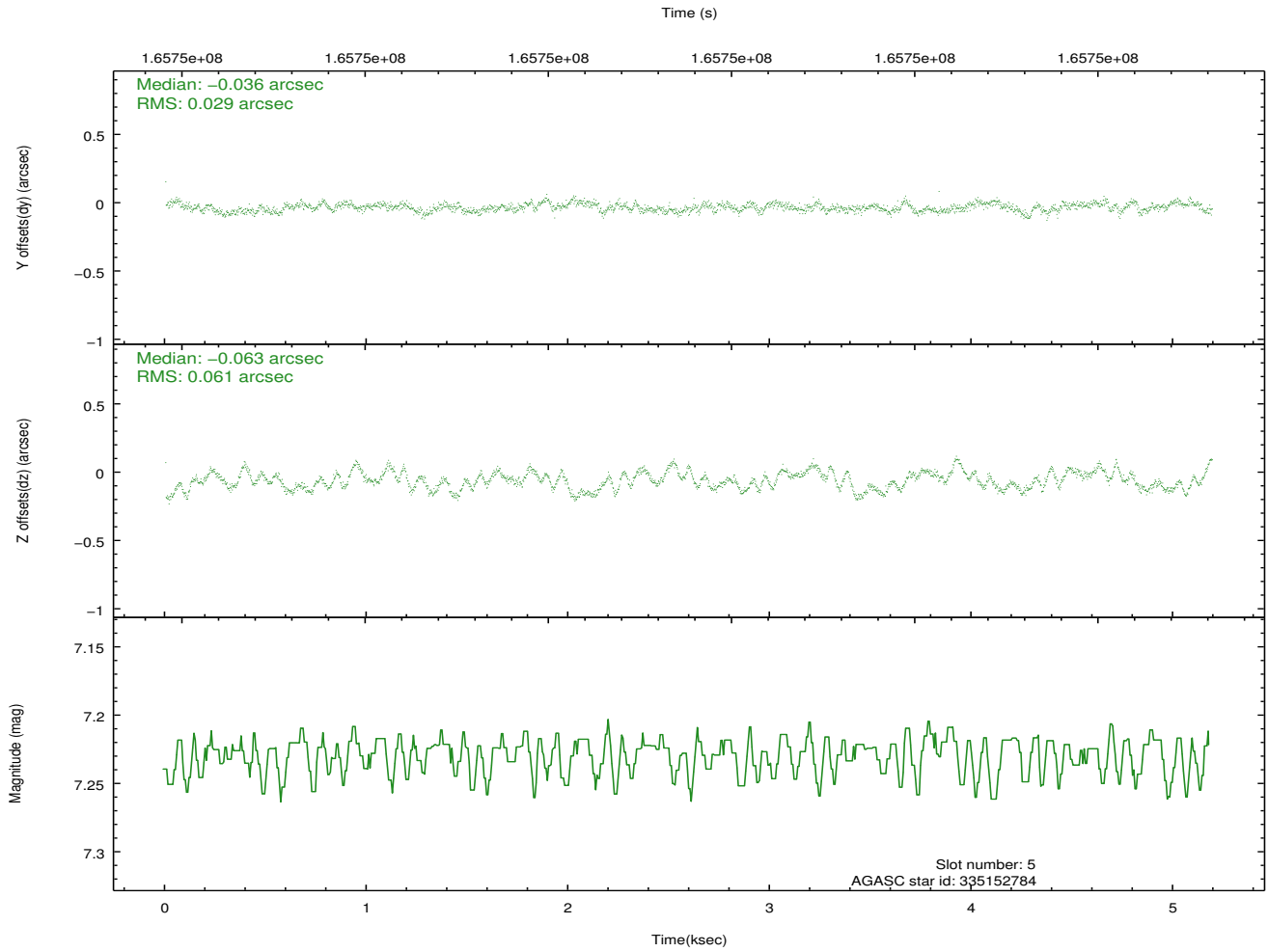
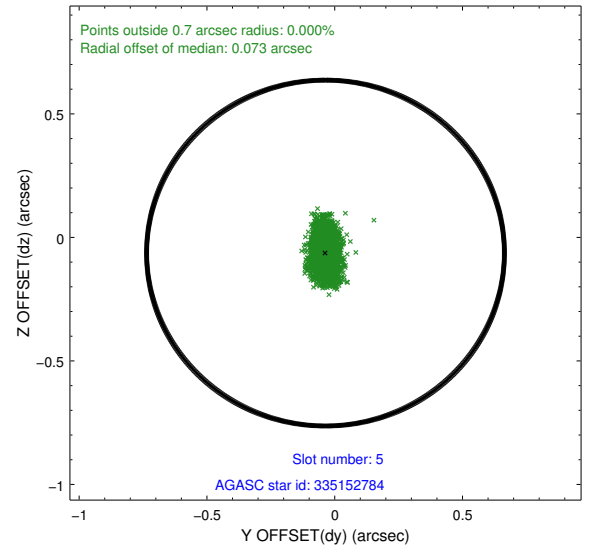
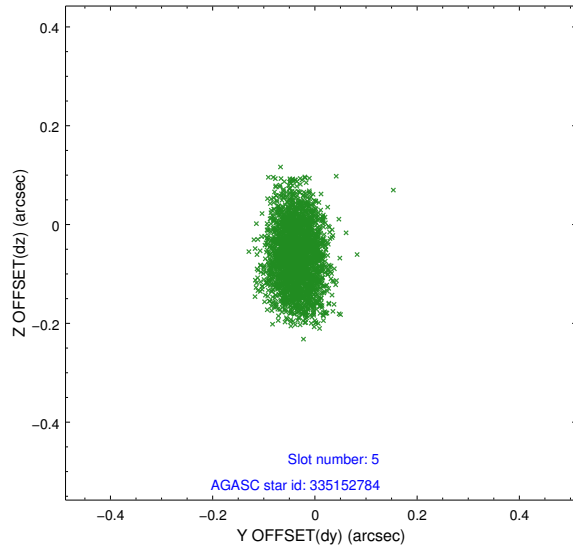
2.4.1 Slot 3



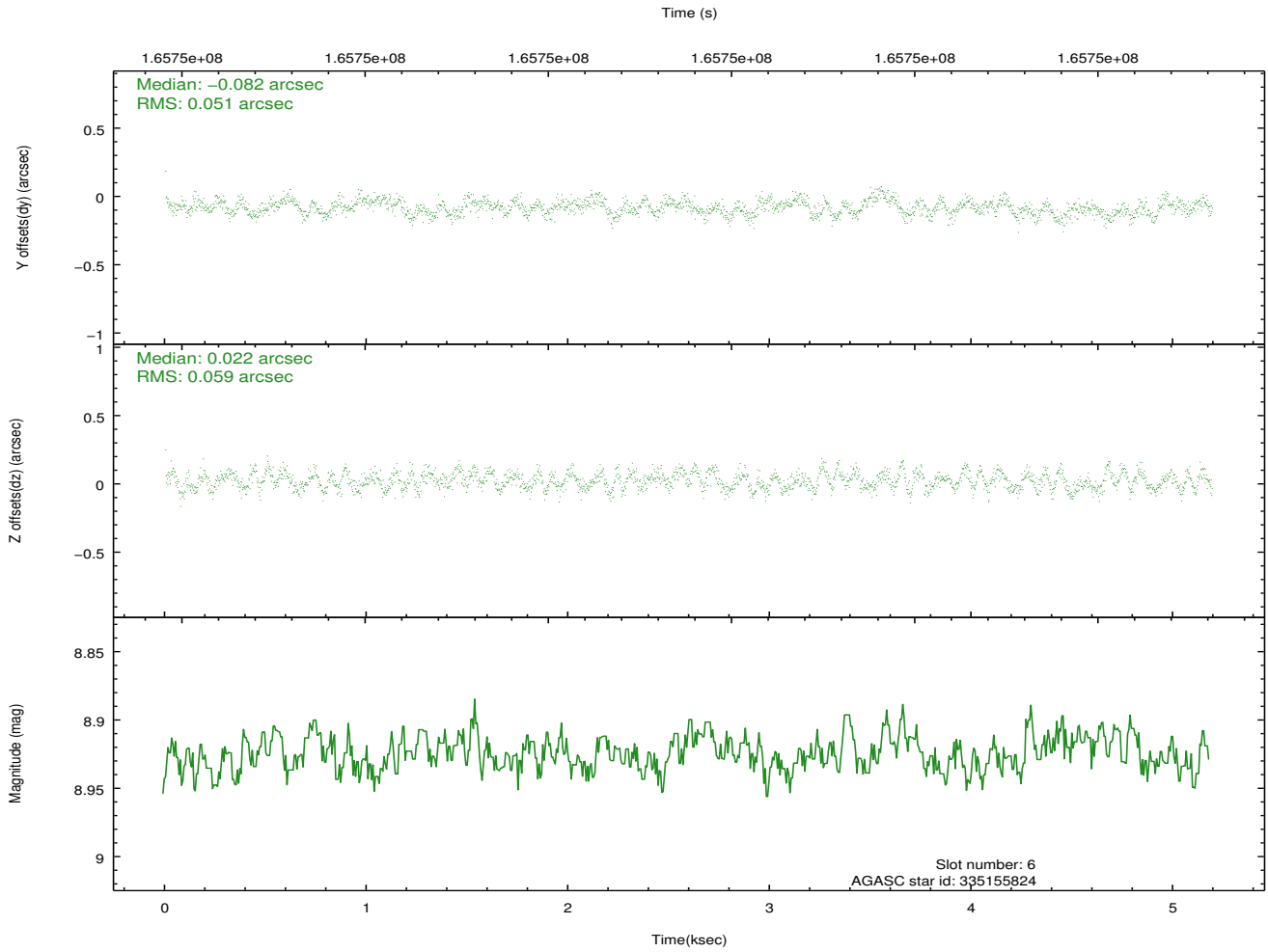
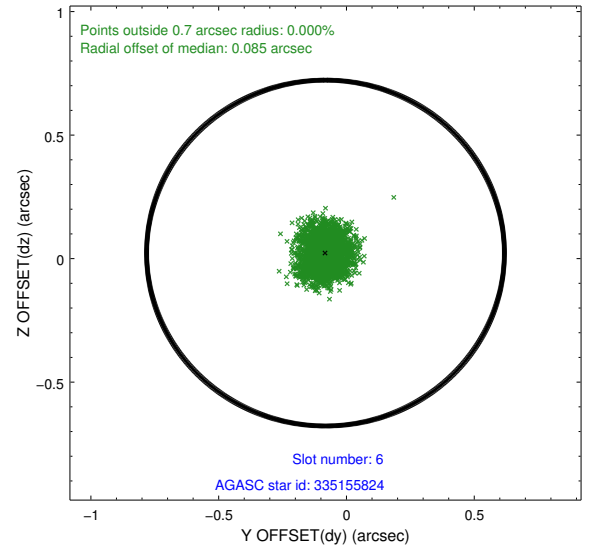
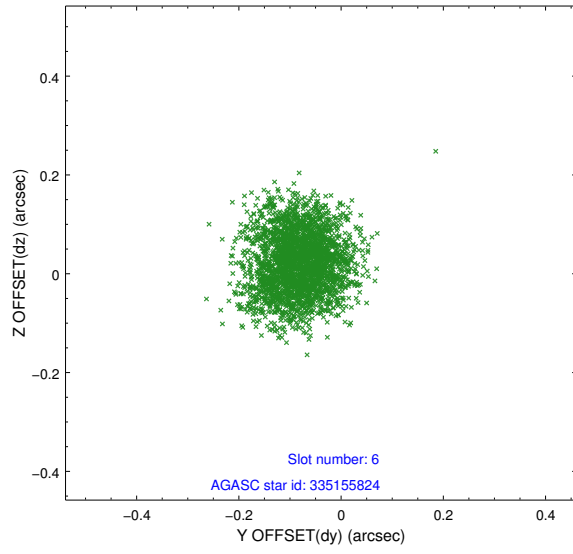
2.4.2 Slot 4



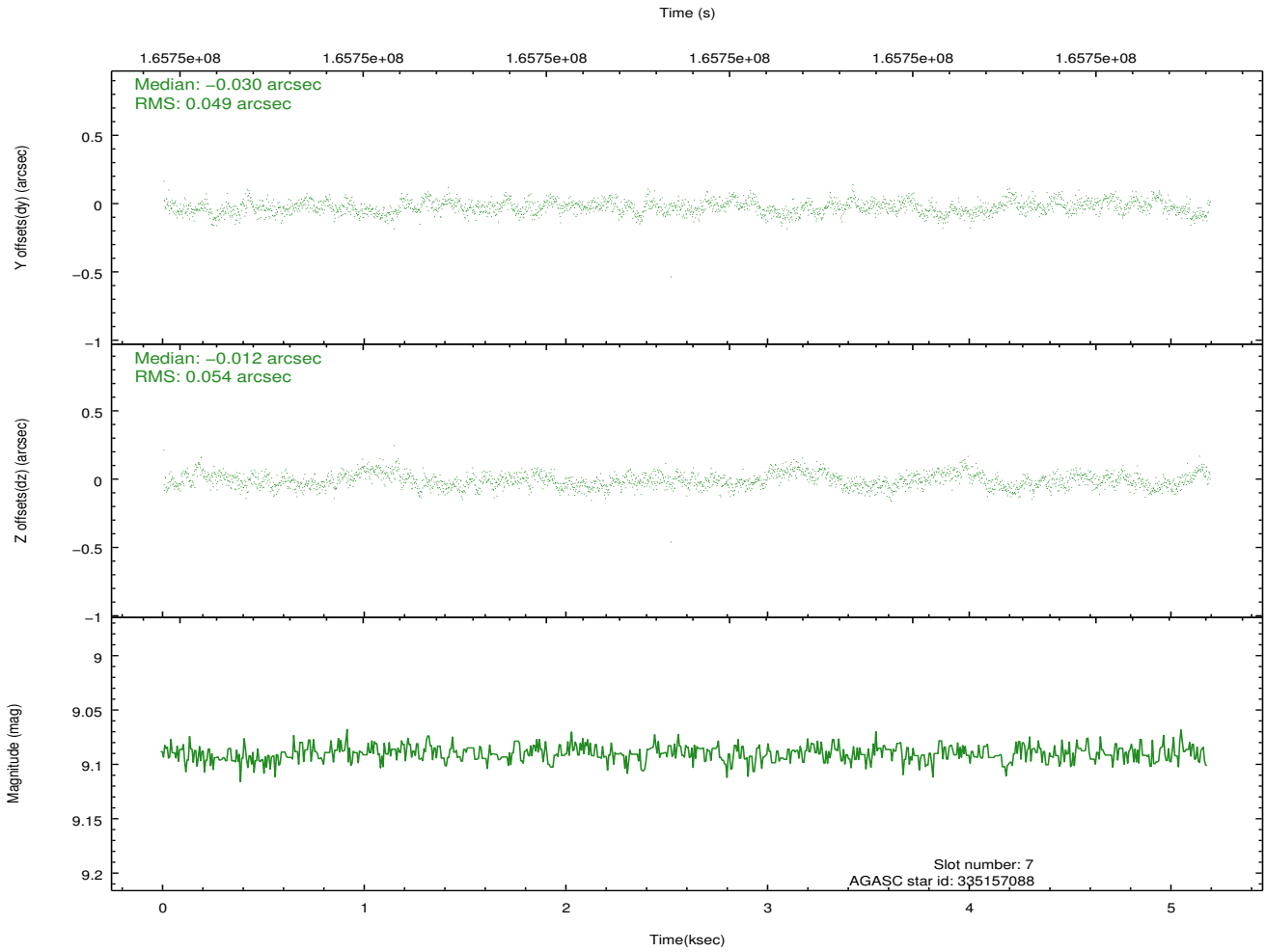
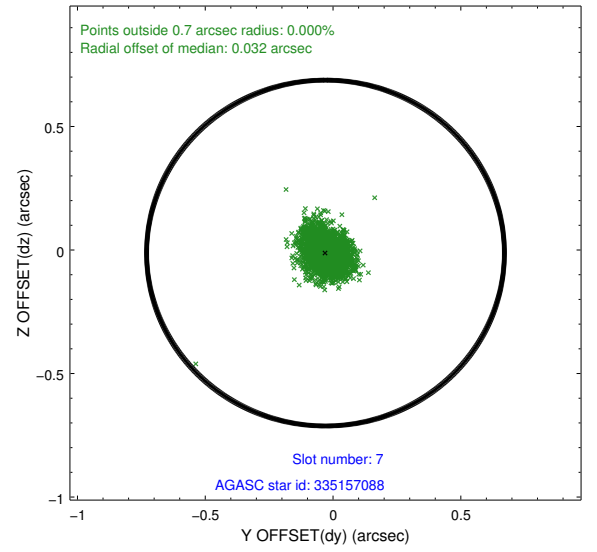
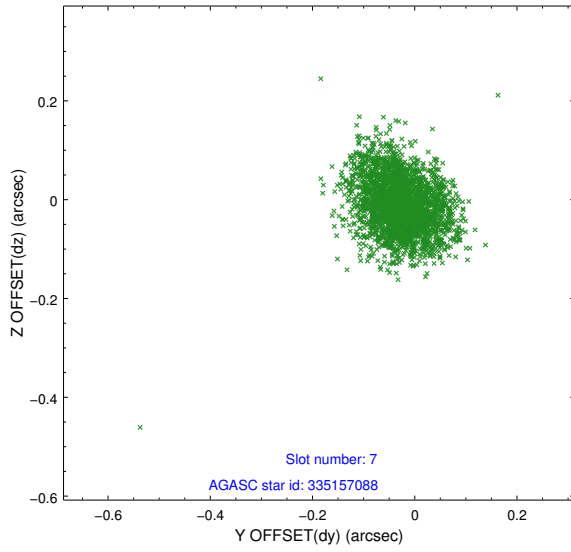
2.4.3 Slot 5



2.4.4 Slot 6

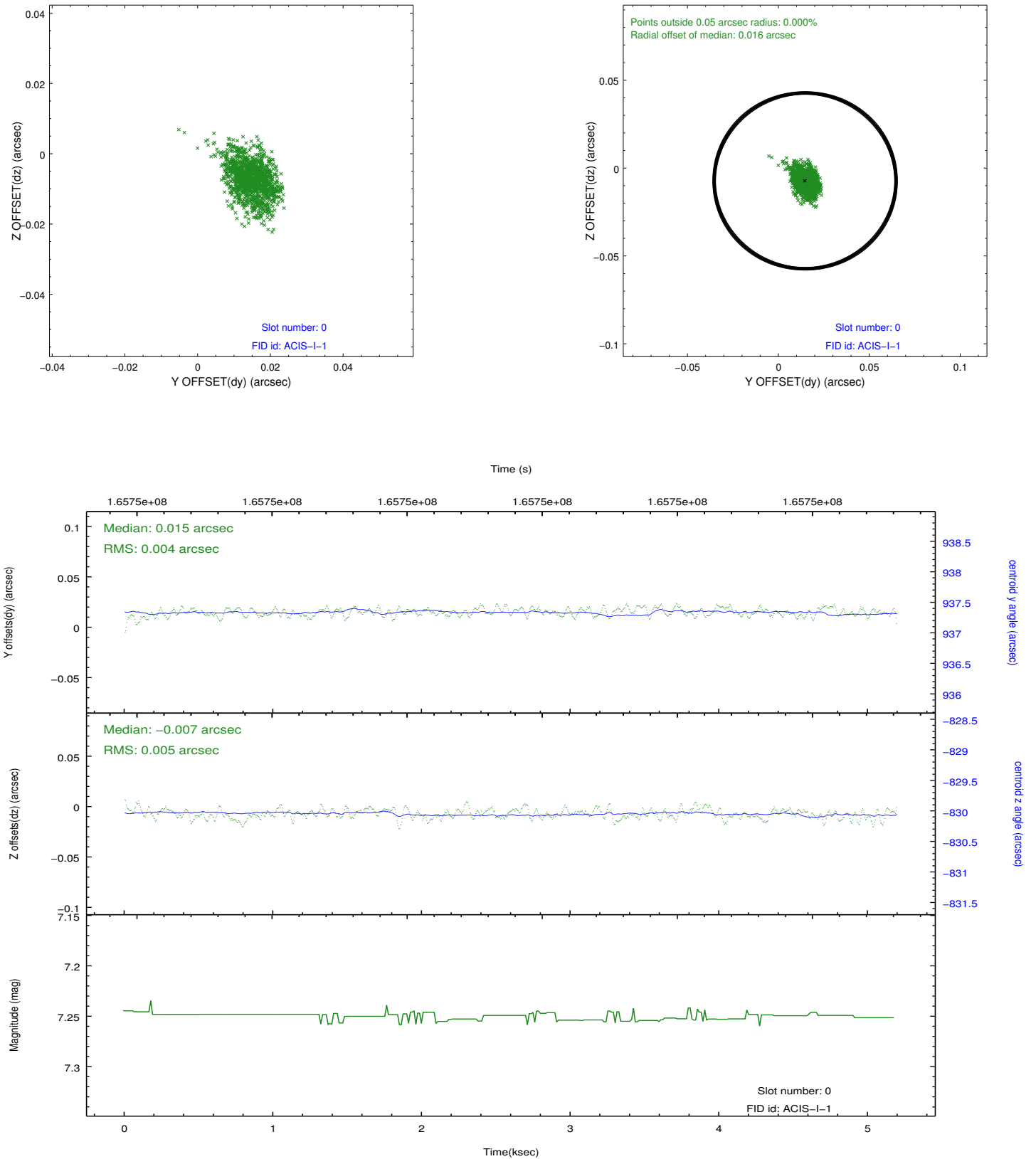


2.4.5 Slot 7

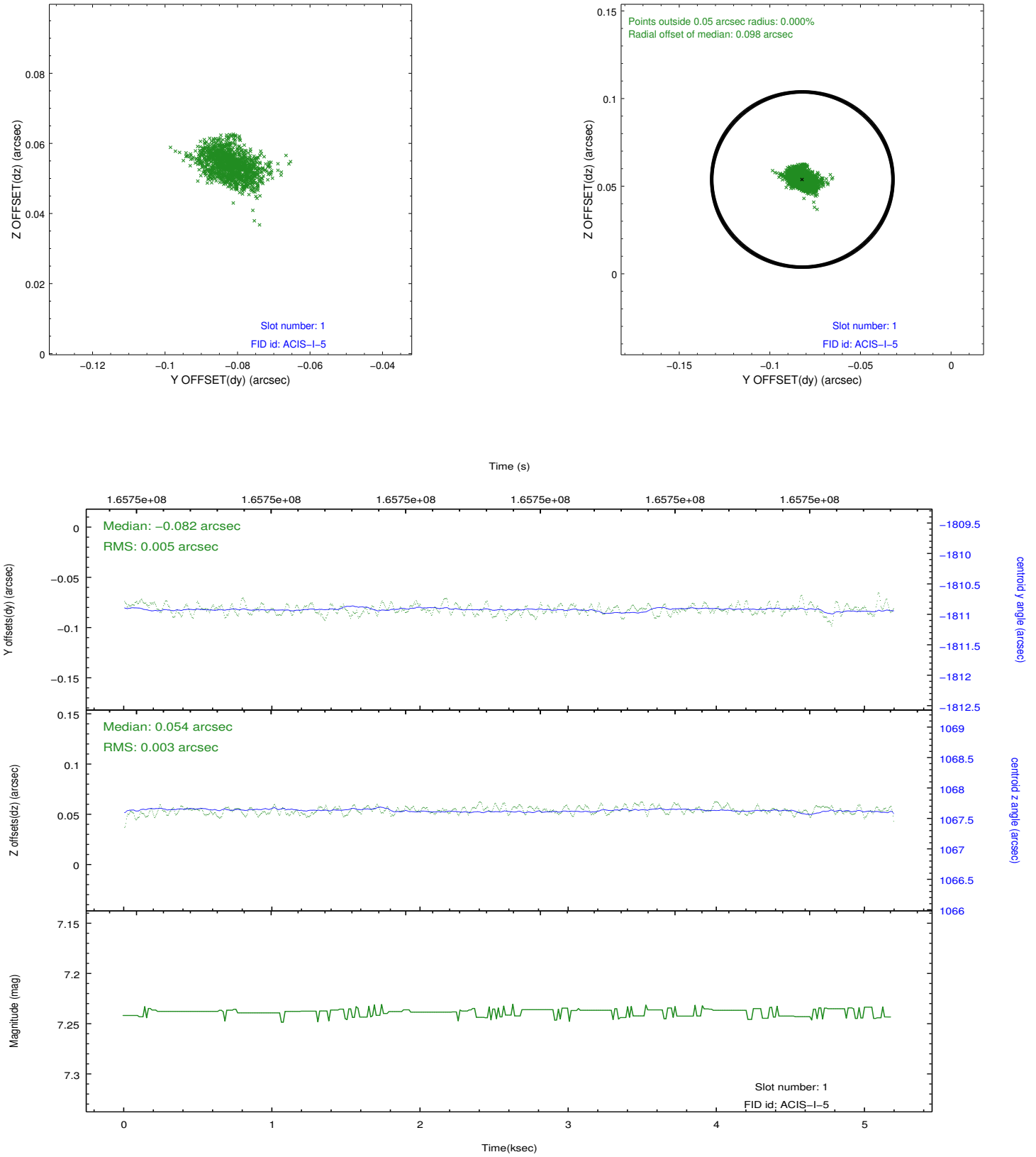


2.5 FID Slots

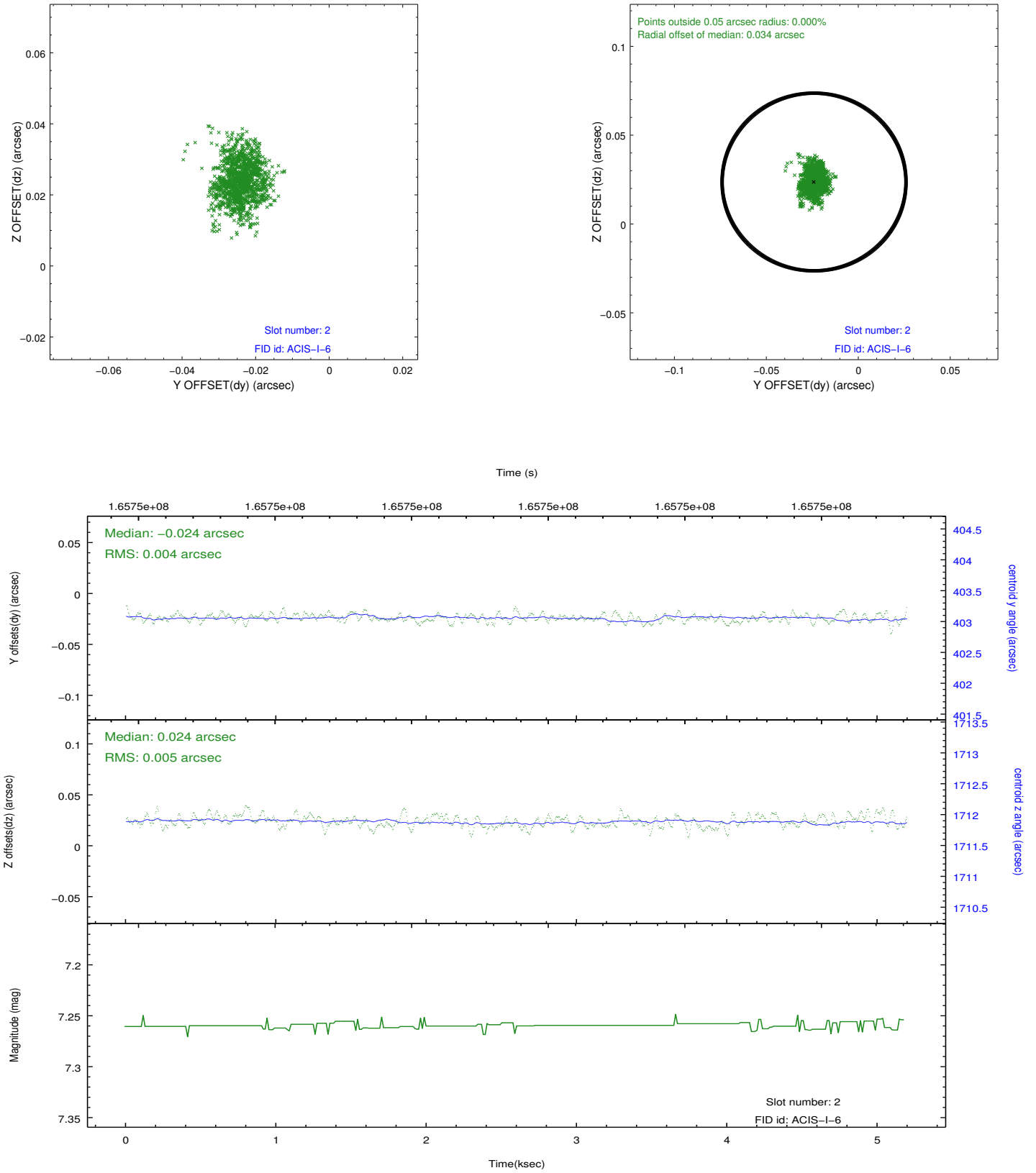
2.5.1 Slot 0



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)	2012.11.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.777

A.2 Comments