

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 4240 - L2 Version 3
Chandra X-Ray Center

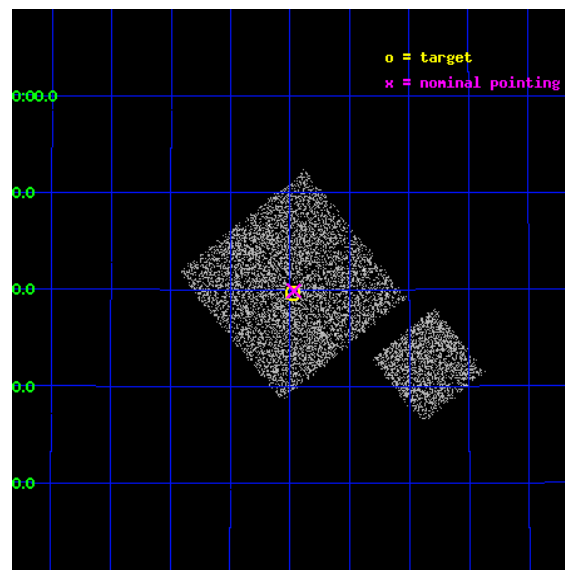
L2 Processing Date : Oct 24 2012

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1 Front

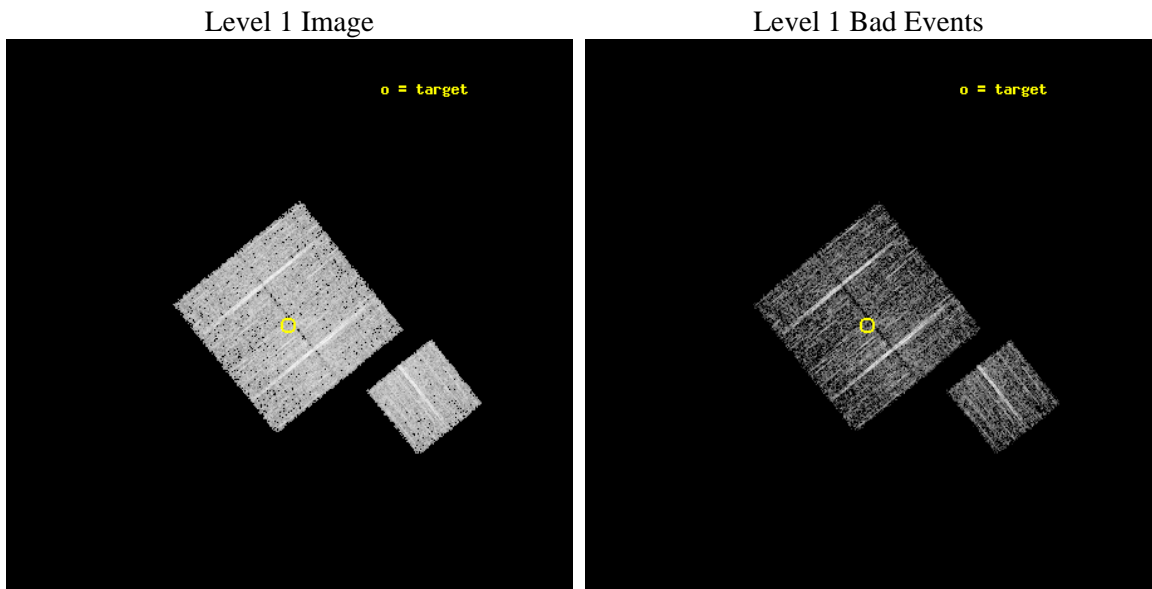
seq_num	900283	Sequence number
obs_id	4240	Observation id
title	A CHANDRA WIDE-FIELD SURVEY TO MAP THE COSMIC WEB AND INVESTIGATE THE EVOLUTION OF NUCLEAR ACCRETION	Proposal title
observer	Dr. Christine Jones	Principal investigator
object	SD27	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	216.744263	Observer's specified target RA [deg]
dec_targ	33.660612	Observer's specified target Dec [deg]
ra_nom	216.74167711684	Nominal RA [deg]
dec_nom	33.664693127197	Nominal Dec [deg]
roll_nom	141.01014174168	Nominal Roll [deg]
revision	3	Processing version of data
ontime	4708.8180204332	Sum of GTIs [s]
livetime	4647.2938464148	Livetime [s]
ontime0	4715.0818249583	Sum of GTIs [s]
ontime1	4715.0999909043	Sum of GTIs [s]
ontime2	4715.0999909043	Sum of GTIs [s]
ontime3	4708.8180204332	Sum of GTIs [s]
ontime6	4715.0407750607	Sum of GTIs [s]
l2events	10836	Number of level 2 events



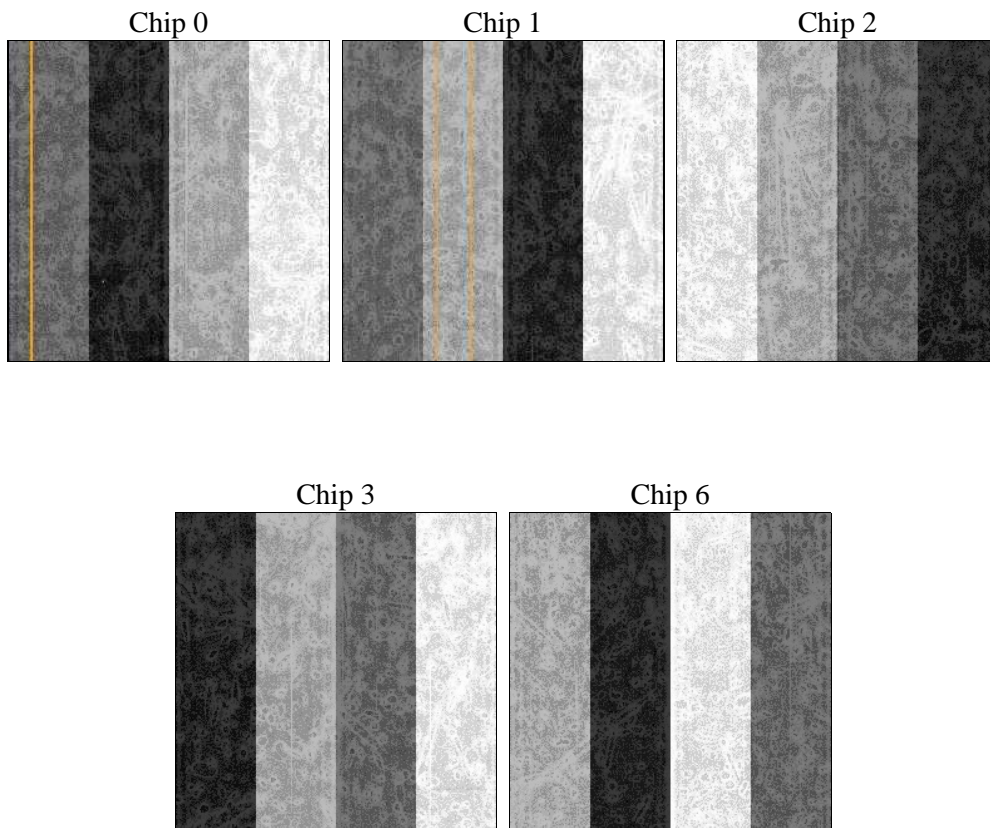
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	4940.448000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	4708.8180204332	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	4715.0818249583	Sum of GTIs [s]
date	2012-10-24T21:09:05	Date and time of file creation	ontime1	4715.0999909043	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	4715.0999909043	Sum of GTIs [s]
			ontime3	4708.8180204332	Sum of GTIs [s]
			ontime6	4715.0407750607	Sum of GTIs [s]
			l1events	120641	Number of level 1 events

2.1.4 Events

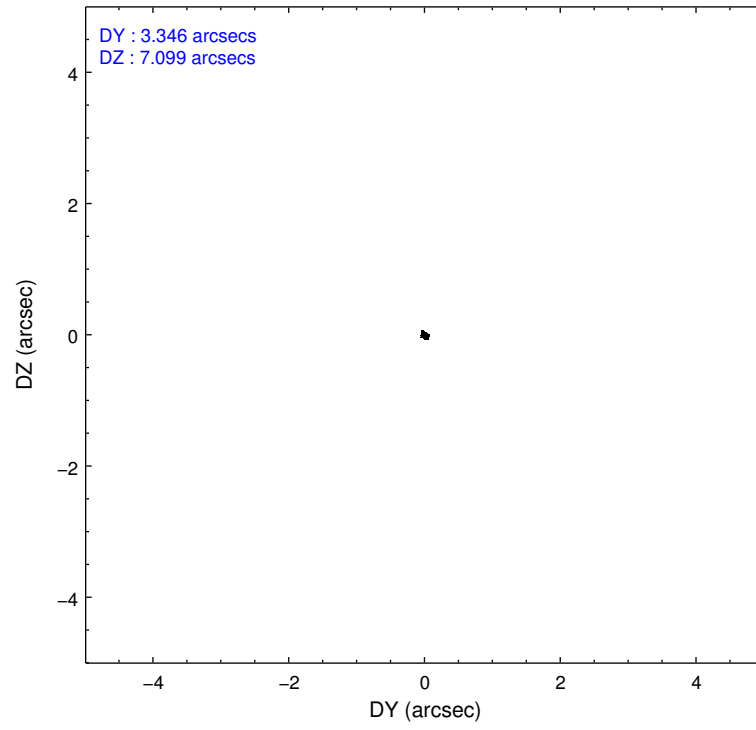
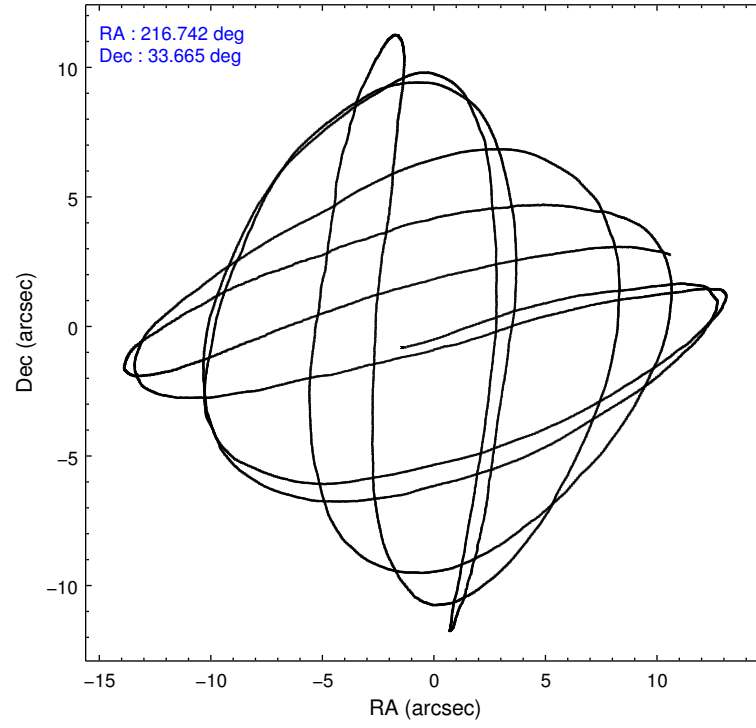
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	23269	22290	25080	24937	25065
rejected events	20667	19593	22623	22421	22332
rejected %	88%	87%	90%	89%	89%

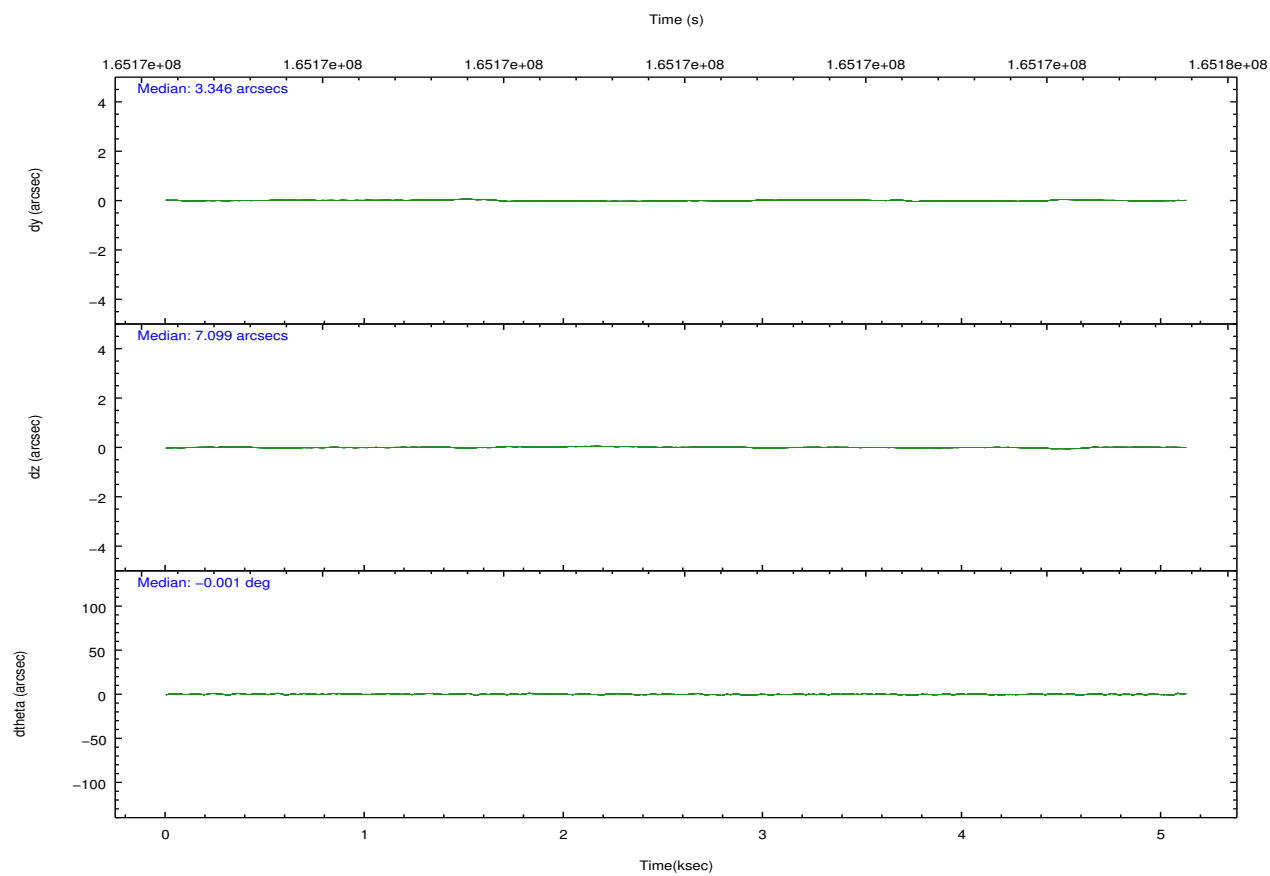
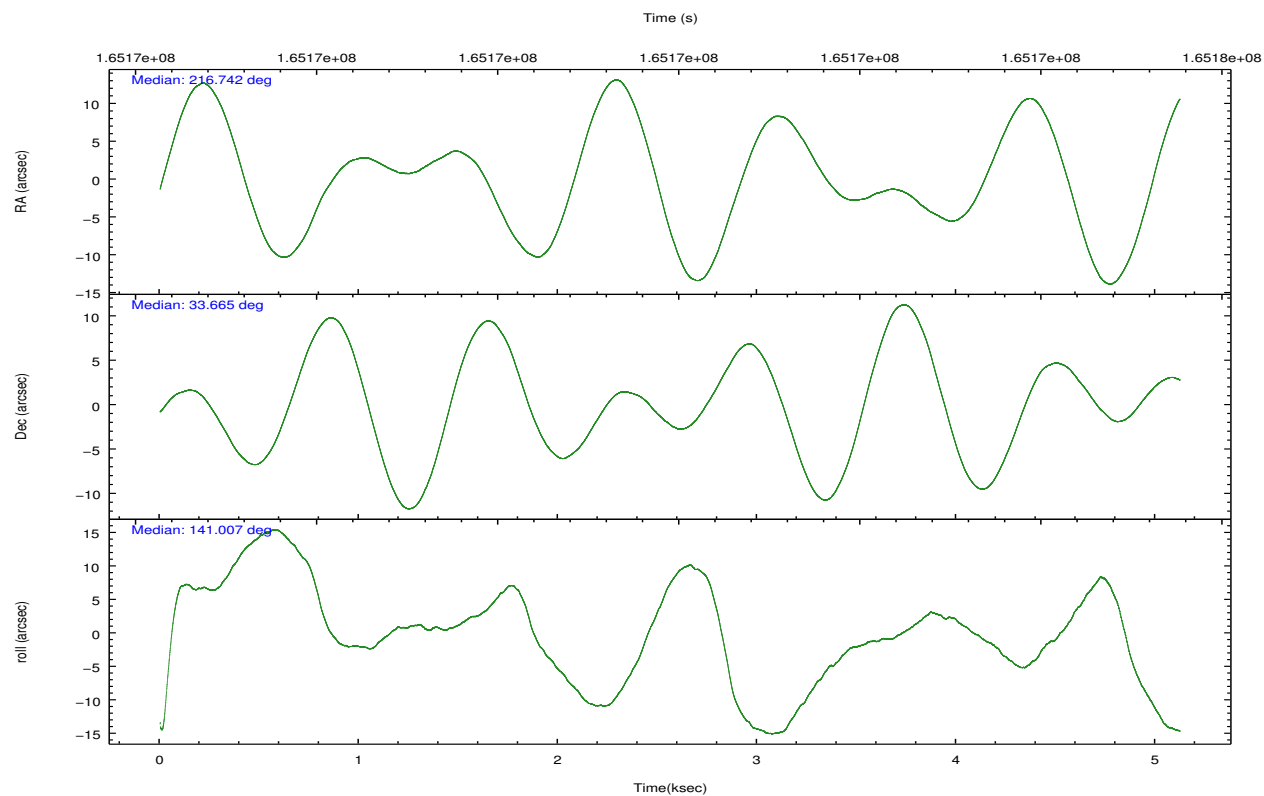
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	1056	965	1011	1052	1133
	4%	4%	4%	4%	4%
grade 1 events	14	9	14	15	8
	0%	0%	0%	0%	0%
grade 2 events	549	572	500	480	524
	2%	2%	1%	1%	2%
grade 3 events	267	309	259	285	273
	1%	1%	1%	1%	1%
grade 4 events	274	319	269	274	296
	1%	1%	1%	1%	1%
grade 5 events	697	739	625	791	758
	2%	3%	2%	3%	3%
grade 6 events	458	533	422	425	509
	1%	2%	1%	1%	2%
grade 7 events	19954	18844	21980	21615	21564
	85%	84%	87%	86%	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	216.774162	216.7416771168363	Subarray requested	NONE	NONE
[deg] Pointing Dec	33.660523	33.66469312719744	Alternating exposures requested	N	N
[deg] Pointing Roll	140.783428	141.0101417416766	[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)	165169579.184000	165169204.14061			
Observation start date	2003-03-27T16:25:15	2003-03-27T16:20:04			
[s] Observation end time (MET)	165174520.184000	165174834.46585			
Observation end date	2003-03-27T17:47:36	2003-03-27T17:53:54			
Read mode	TIMED	TIMED			

2.3 Aspect



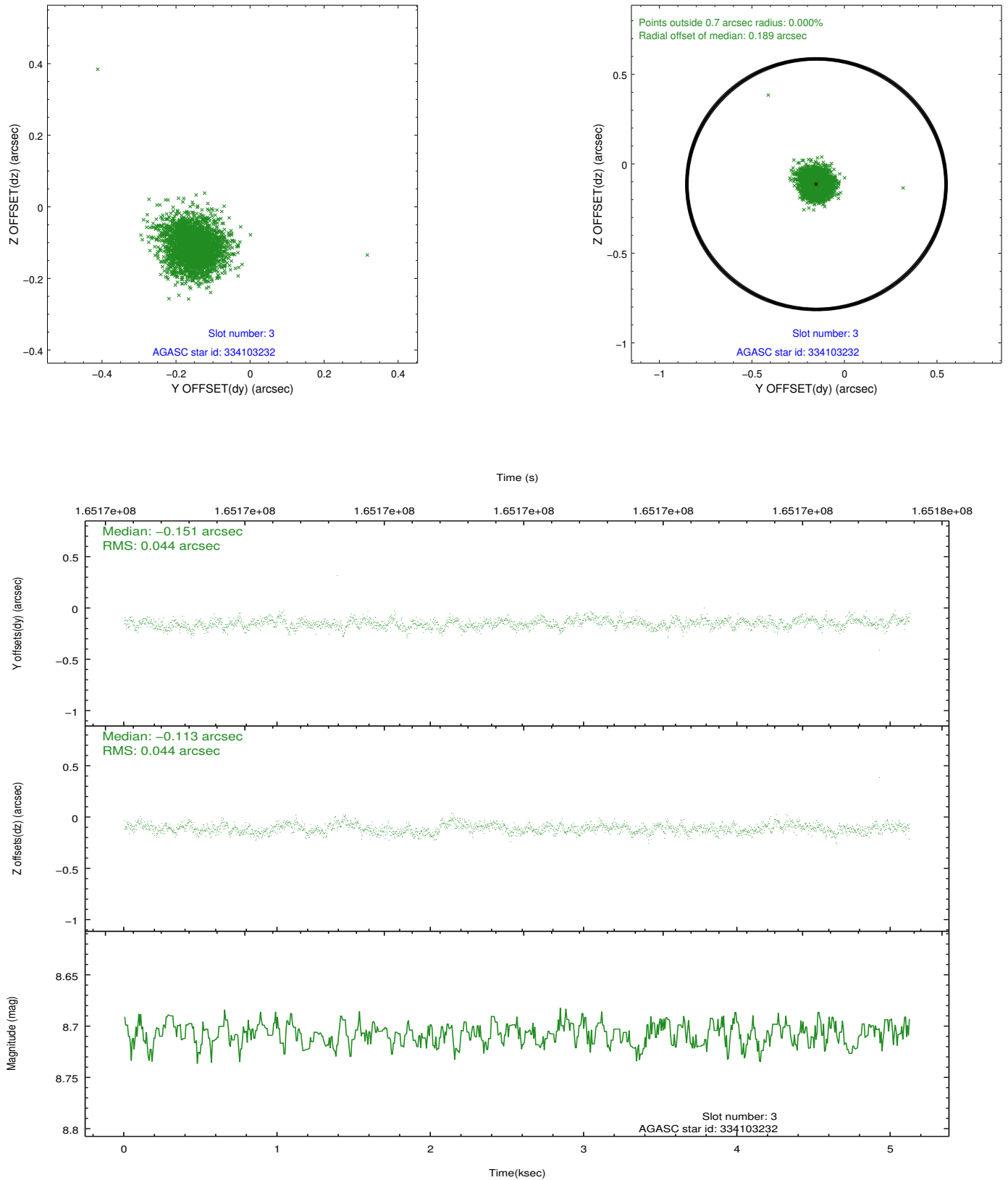


Slot Statistics

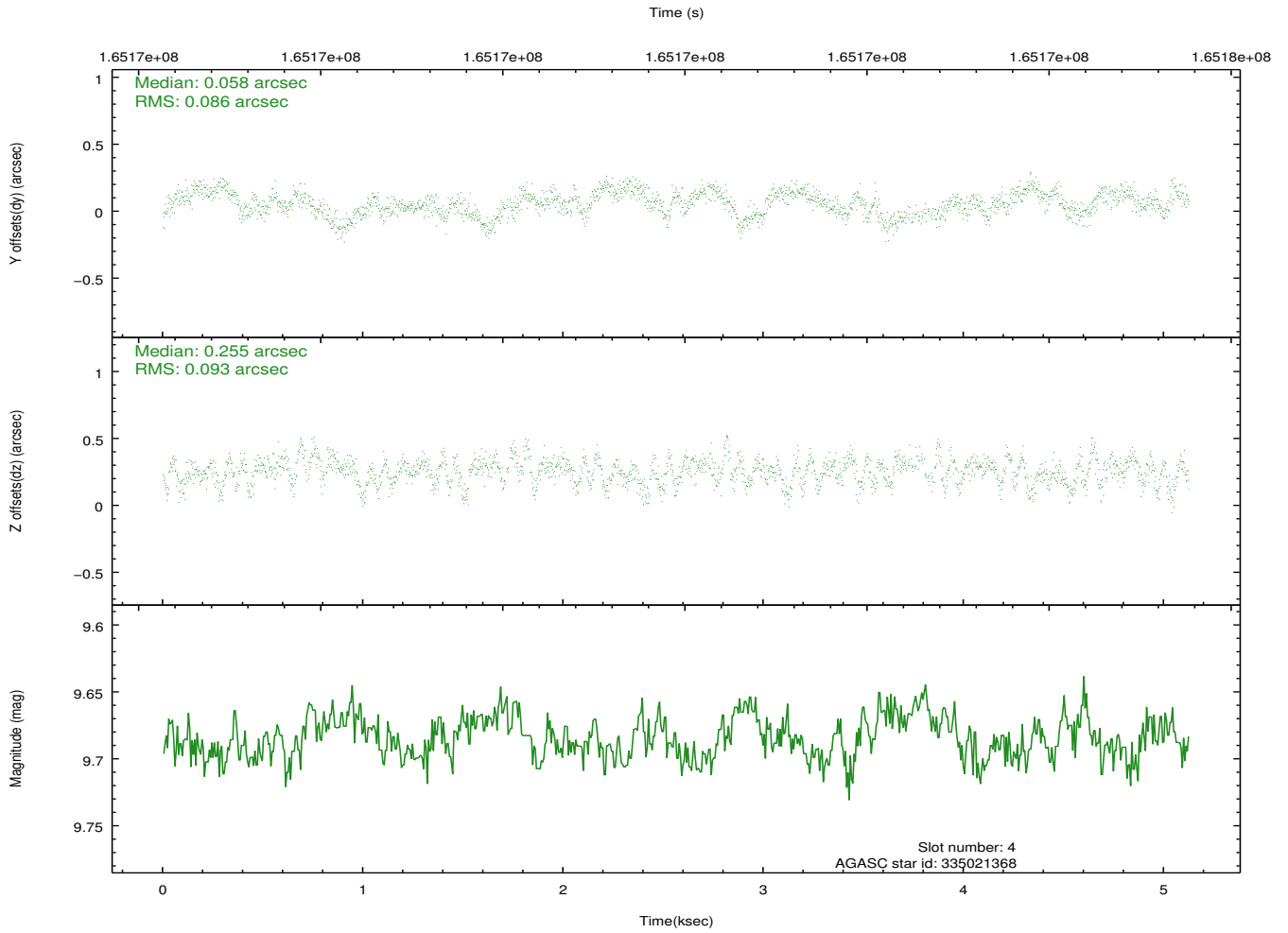
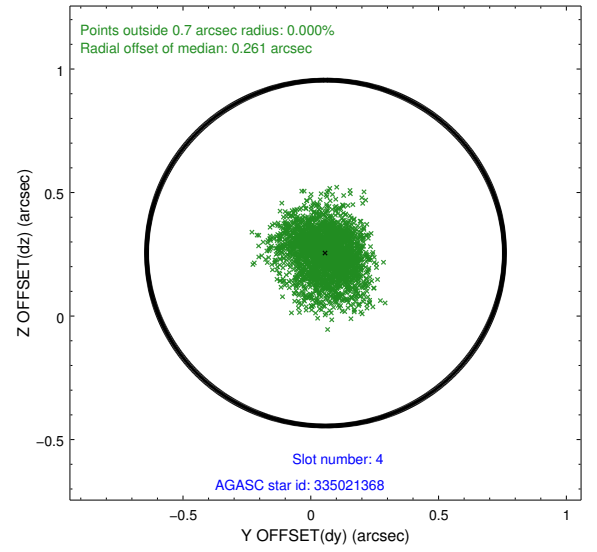
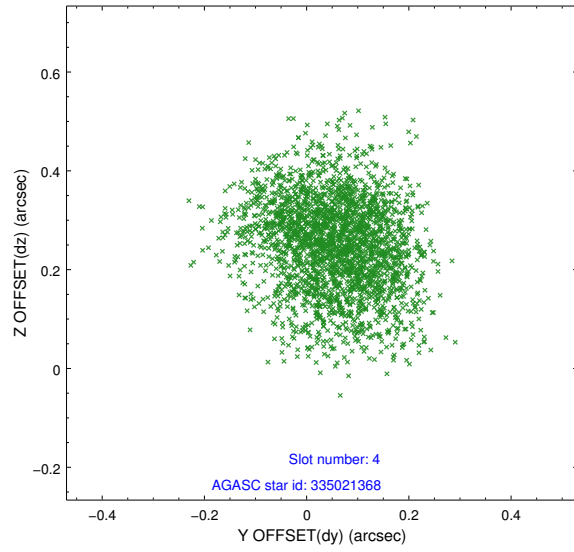
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	1250	0.021	0.010	0.007	0.013	0.000000	0.000000	936.44	-830.50
1	FID	ACIS-I-5	7.24	1250	-0.091	0.062	0.007	0.011	0.000000	0.000000	-1811.08	1066.50
2	FID	ACIS-I-6	7.26	1250	-0.021	-0.002	0.007	0.012	0.000000	0.000000	400.71	1712.25
3	GUIDE	334103232	8.71	2499	-0.151	-0.113	0.064	0.104	215.850271	33.571936	1953.24	1990.08
4	GUIDE	335021368	9.69	2451	0.058	0.255	0.134	0.218	217.529643	33.934817	-1117.35	-2196.75
5	GUIDE	335025848	9.73	2499	0.039	0.040	0.102	0.163	217.530531	33.778292	-1480.29	-1766.35
6	GUIDE	335028240	9.17	2494	0.001	-0.156	0.077	0.124	216.746851	33.385009	-563.66	819.94
7	GUIDE	335029368	10.12	2497	0.061	-0.014	0.164	0.273	217.181018	33.065030	-2304.89	883.64

2.4 Star Slots

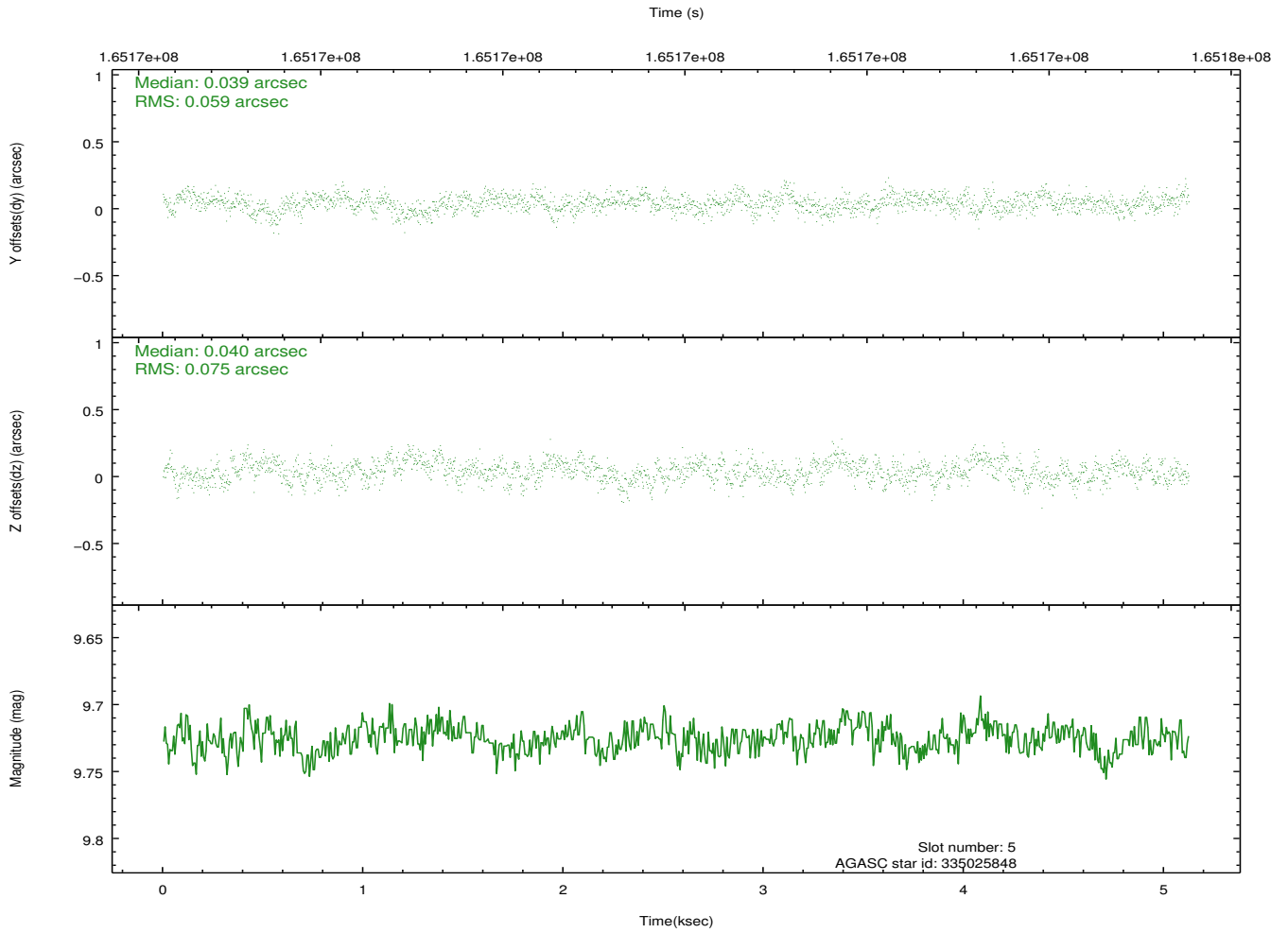
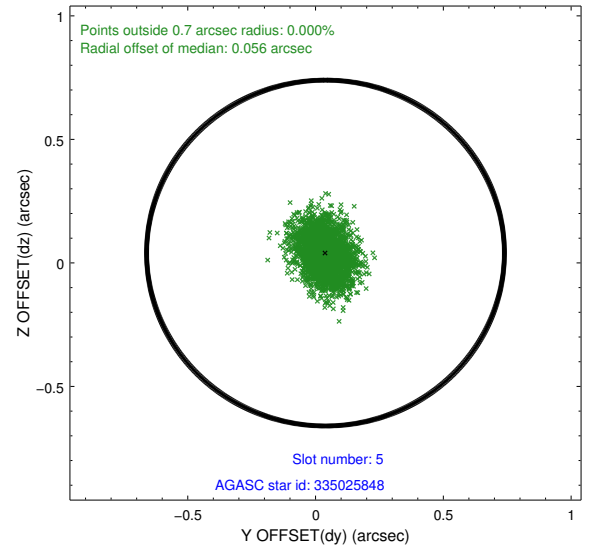
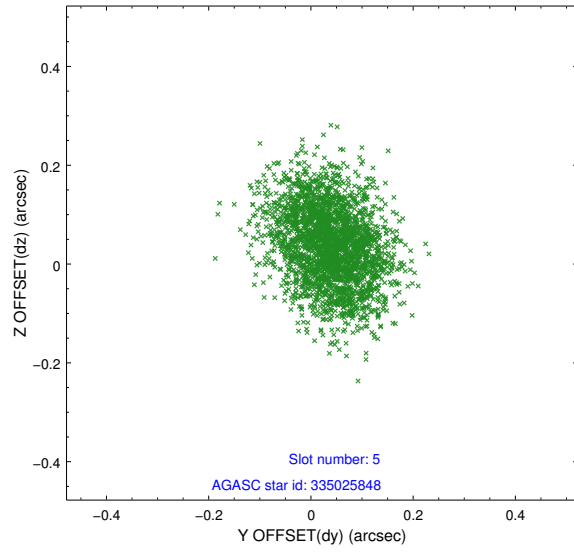
2.4.1 Slot 3



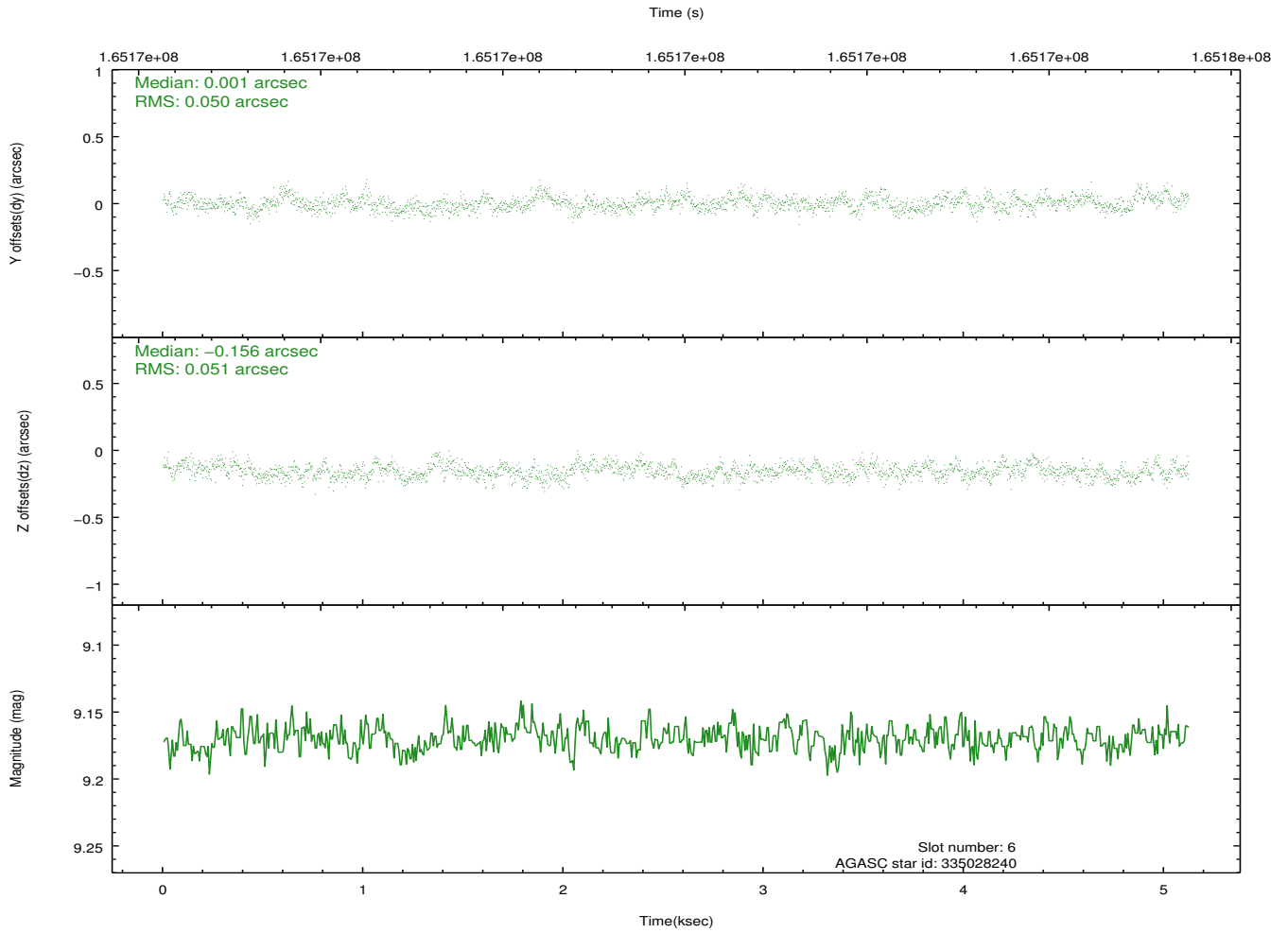
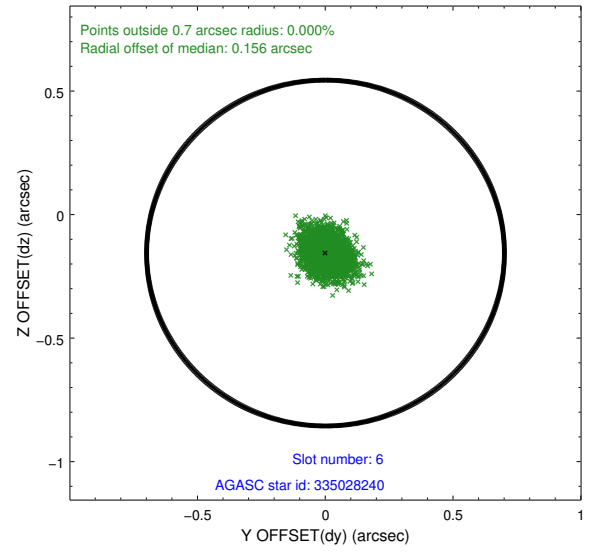
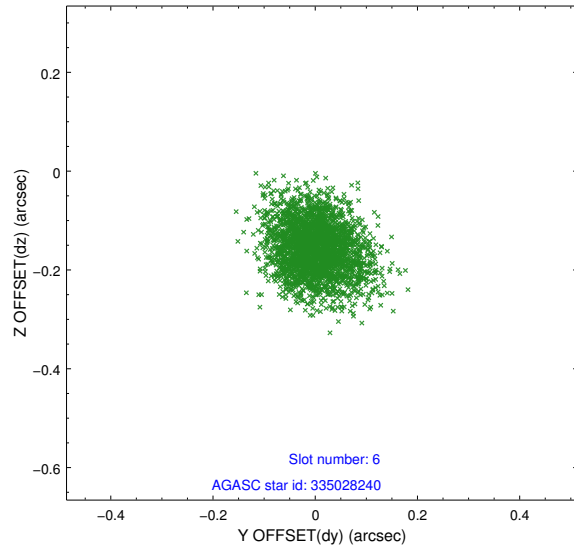
2.4.2 Slot 4



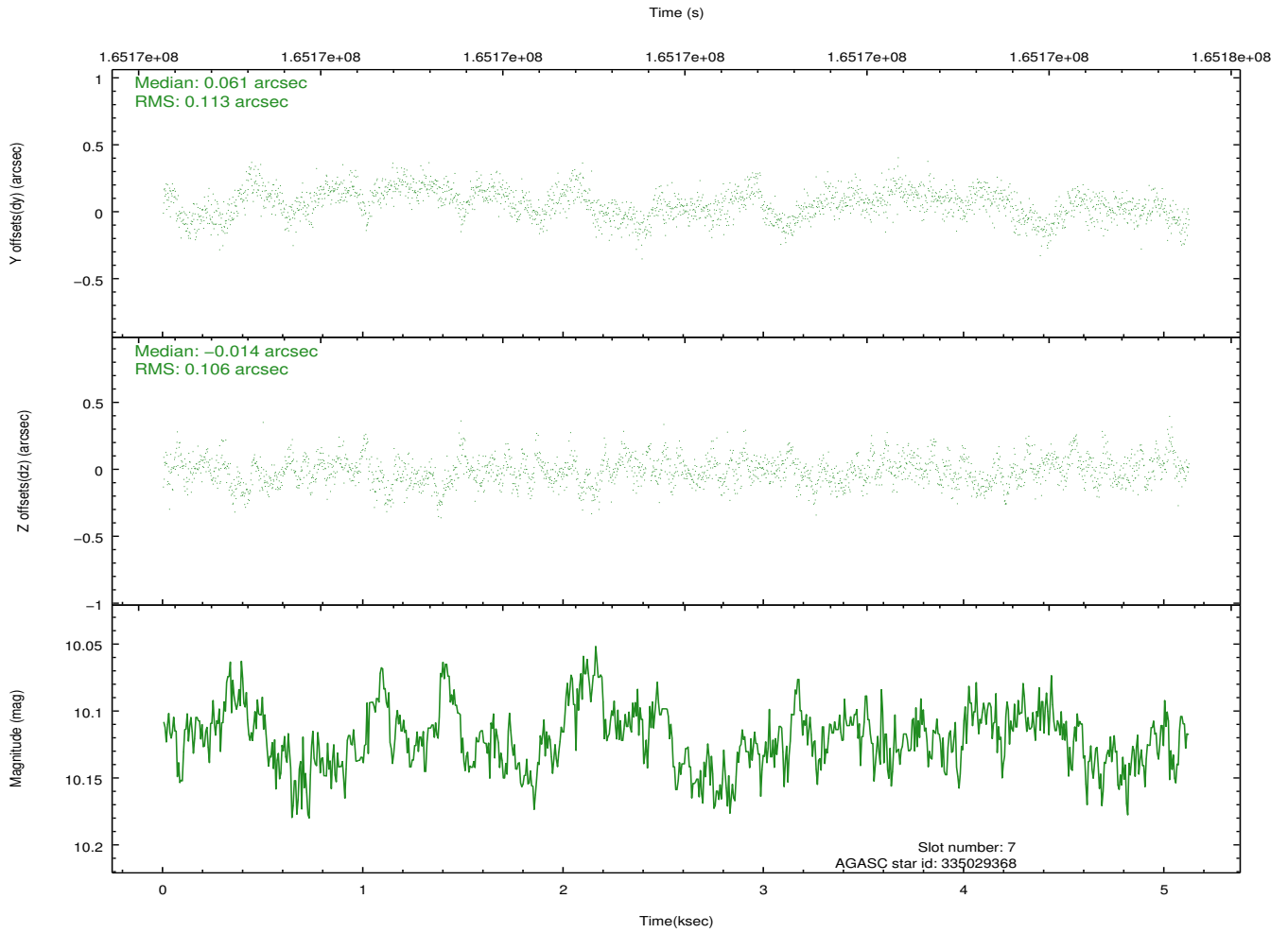
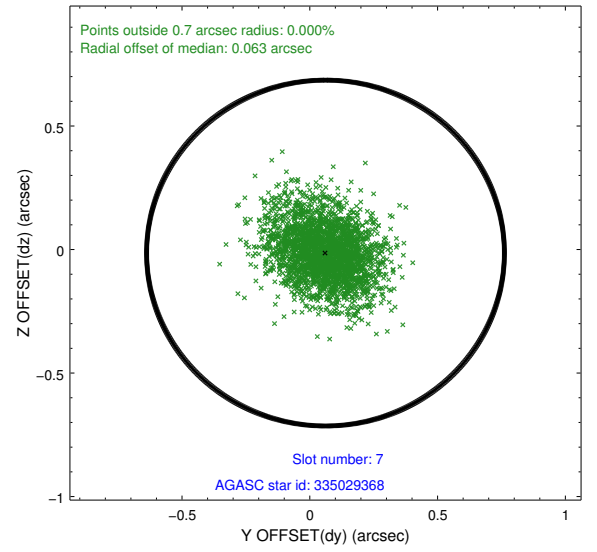
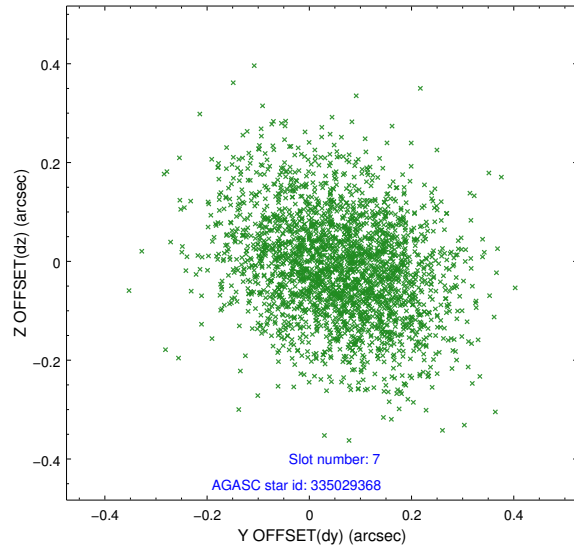
2.4.3 Slot 5



2.4.4 Slot 6

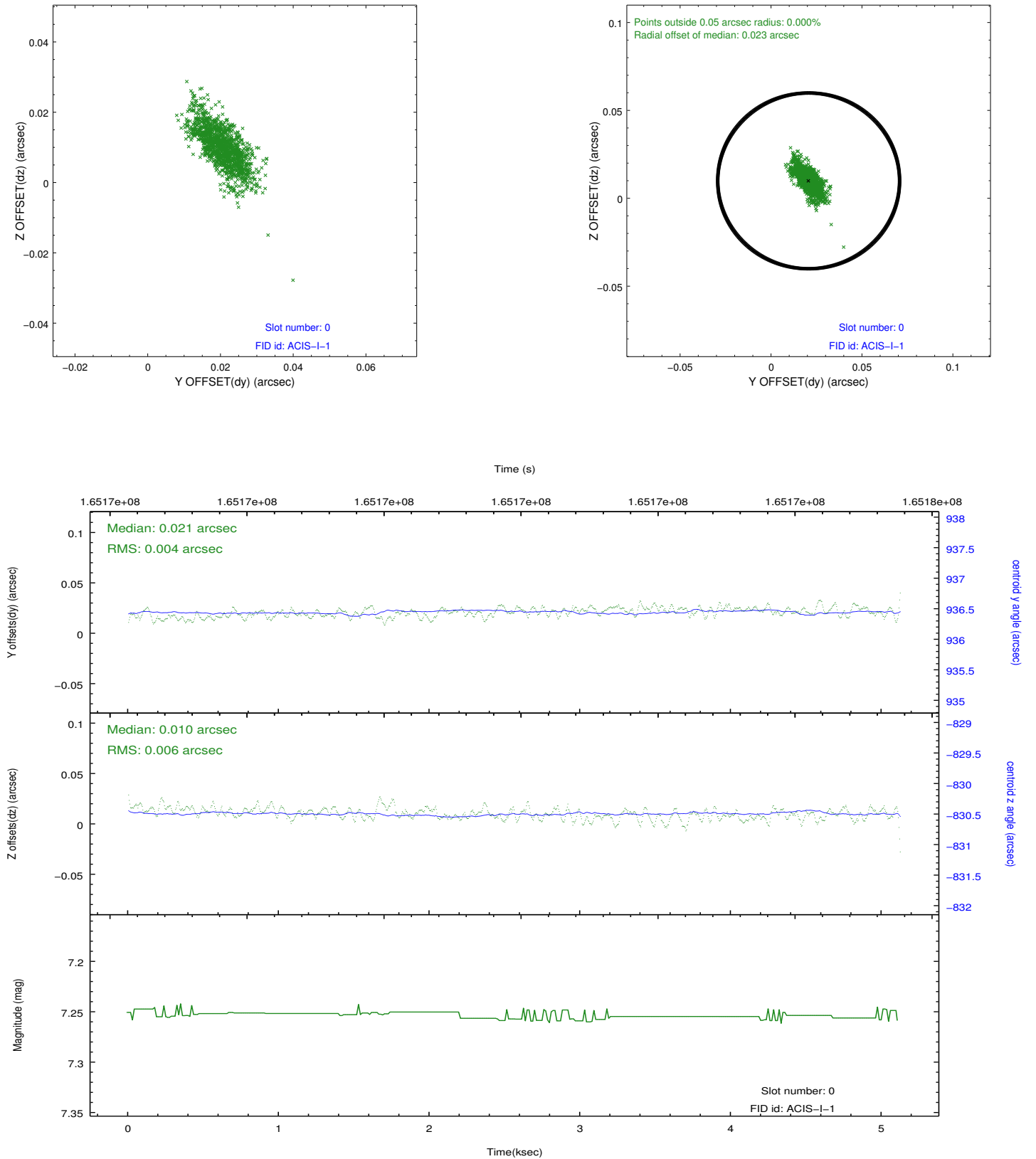


2.4.5 Slot 7

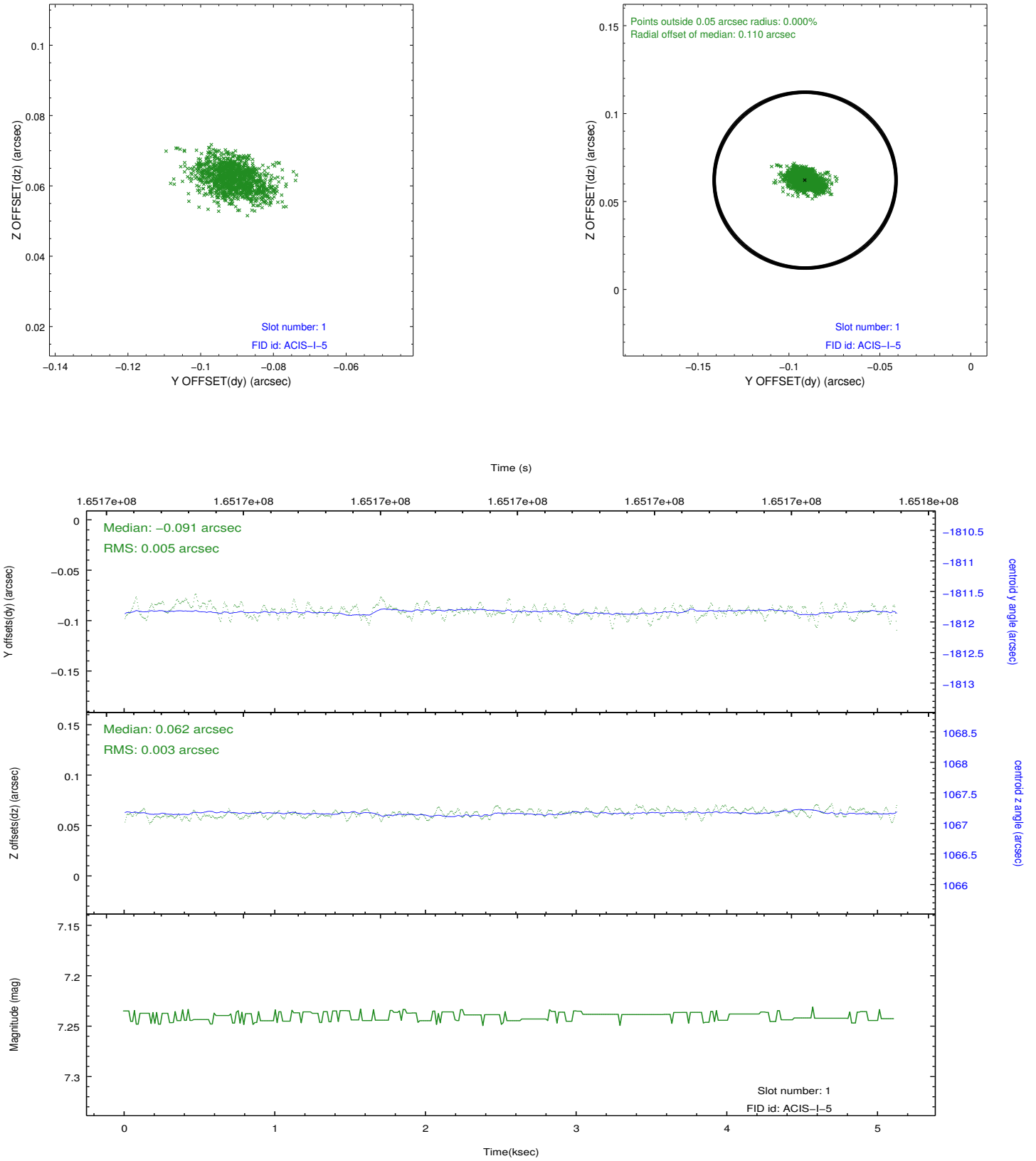


2.5 FID Slots

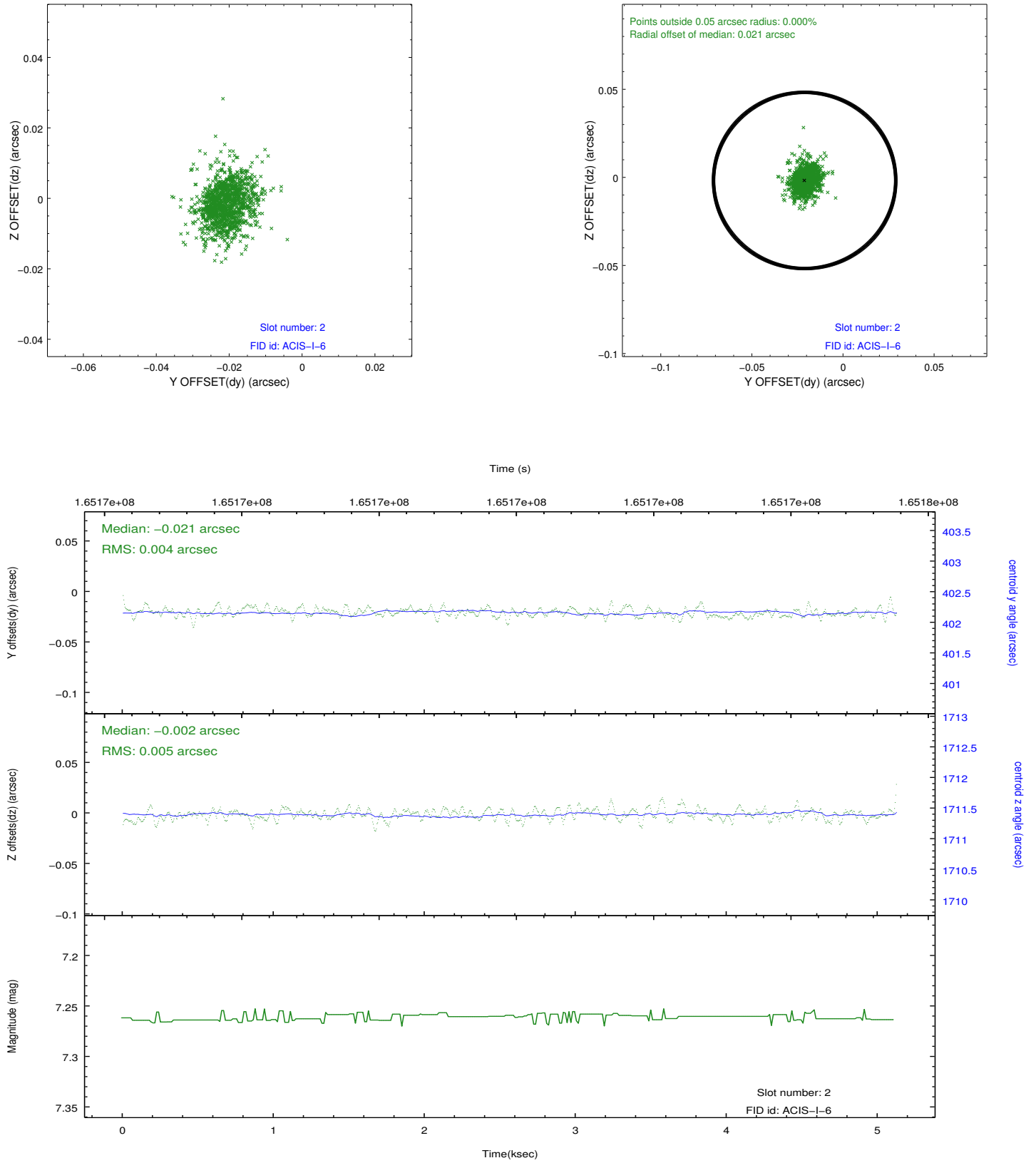
2.5.1 Slot 0



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)	2012.11.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.711

A.2 Comments