

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 4248 - L2 Version 3
Chandra X-Ray Center

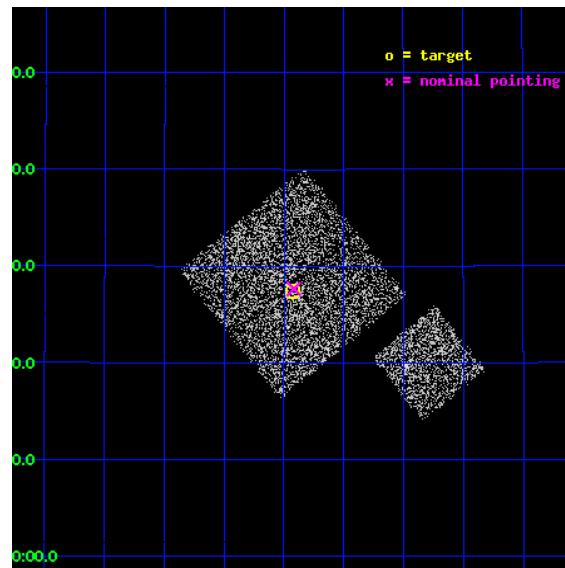
L2 Processing Date : Oct 26 2012

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1 Front

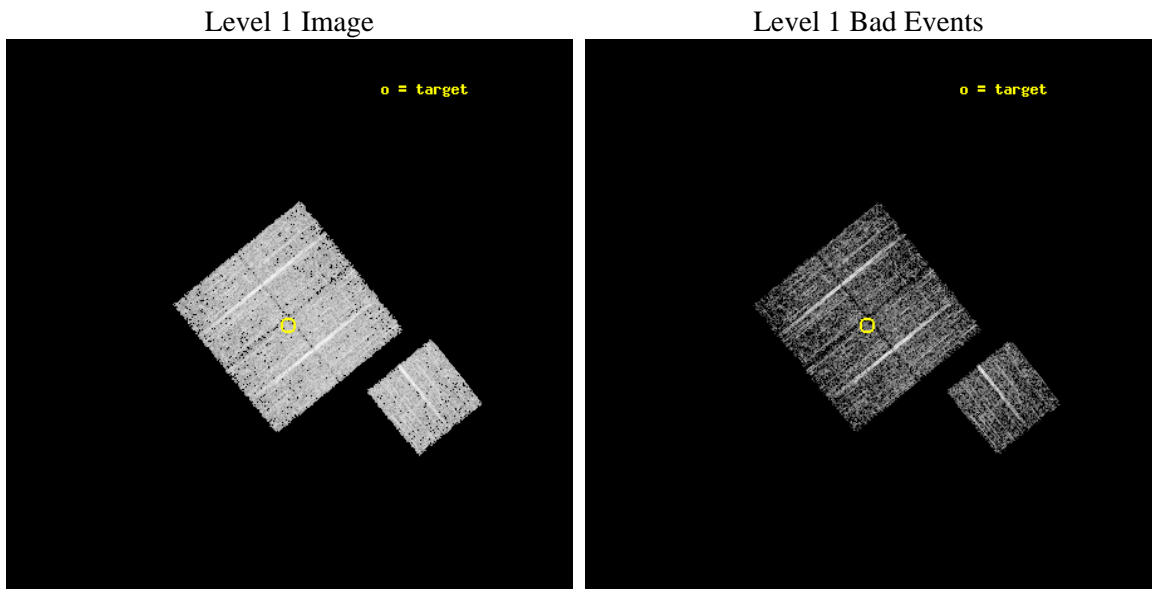
seq_num	900291	Sequence number
obs_id	4248	Observation id
title	A CHANDRA WIDE-FIELD SURVEY TO MAP THE COSMIC WEB AND INVESTIGATE THE EVOLUTION OF NUCLEAR ACCRETION	Proposal title
observer	Dr. Christine Jones	Principal investigator
object	SS7	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	219.106748	Observer's specified target RA [deg]
dec_targ	33.456918	Observer's specified target Dec [deg]
ra_nom	219.10414237458	Nominal RA [deg]
dec_nom	33.461061133044	Nominal Dec [deg]
roll_nom	141.01011321175	Nominal Roll [deg]
revision	3	Processing version of data
ontime	4775.8747309744	Sum of GTIs [s]
livetime	4713.4744116664	Livetime [s]
ontime0	4775.7516109645	Sum of GTIs [s]
ontime1	4775.7926509678	Sum of GTIs [s]
ontime2	4775.8337108791	Sum of GTIs [s]
ontime3	4775.8747309744	Sum of GTIs [s]
ontime6	4772.5695708096	Sum of GTIs [s]
l2events	9733	Number of level 2 events



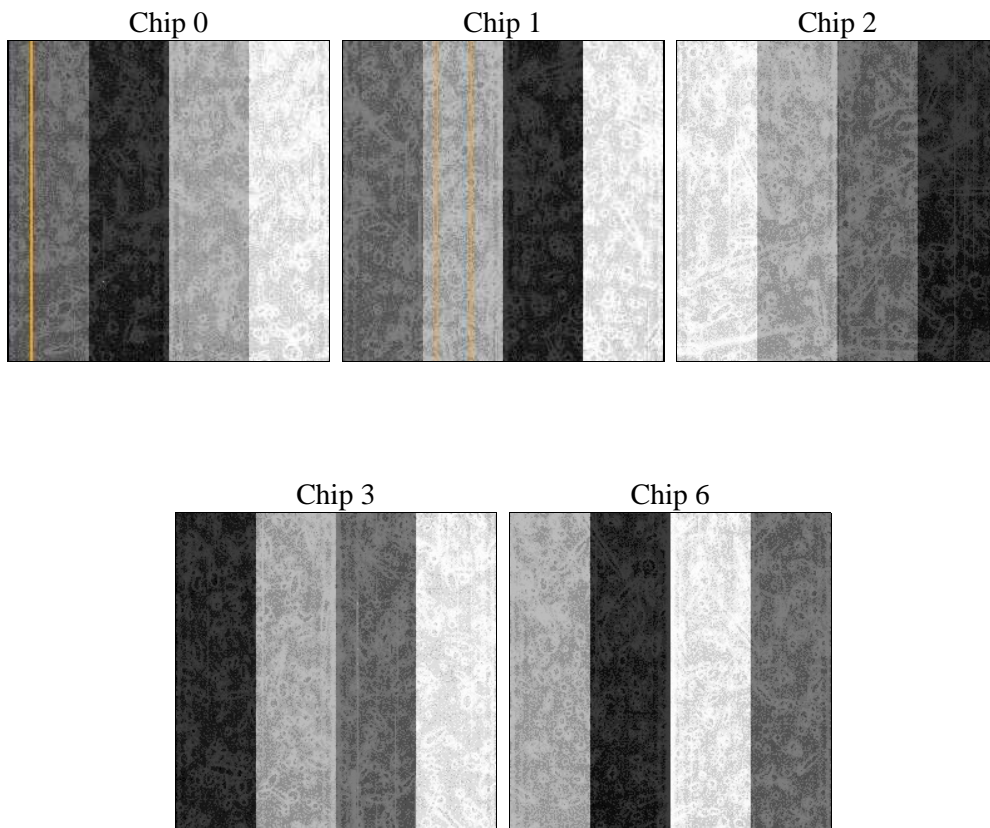
2 OBI

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	4775.8747309744	Sum of GTIs [s]
caldbver	4.5.2	 	ontime0	4775.7516109645	Sum of GTIs [s]
date	2012-10-25T23:44:12	Date and time of file creation	ontime1	4775.7926509678	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	4775.8337108791	Sum of GTIs [s]
			ontime3	4775.8747309744	Sum of GTIs [s]
			ontime6	4772.5695708096	Sum of GTIs [s]
			l1events	117043	Number of level 1 events

2.1.4 Events

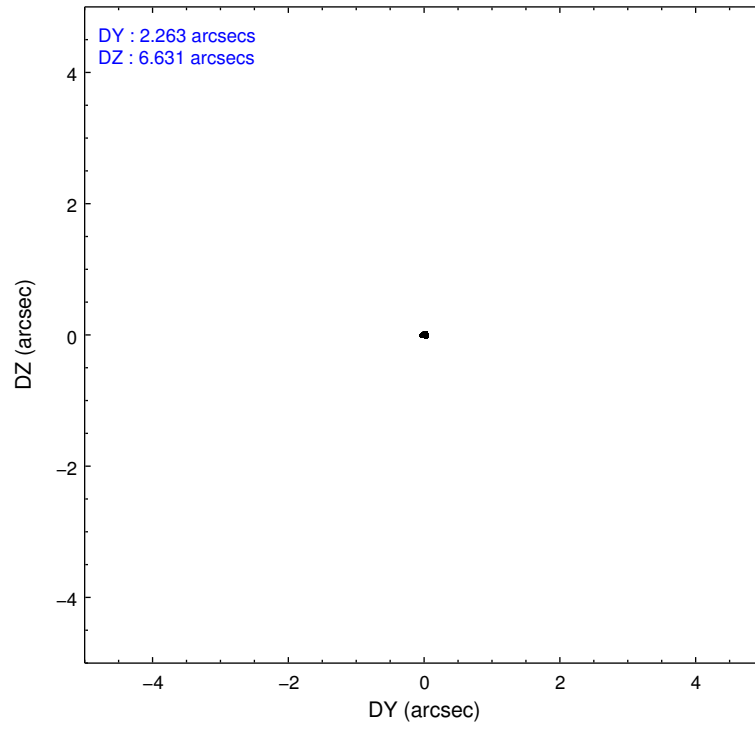
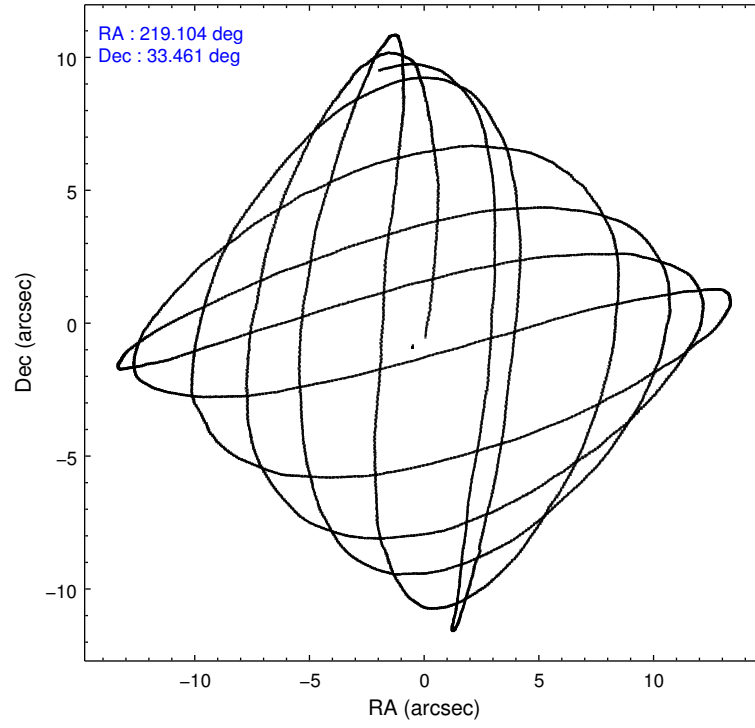
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	22377	22530	25565	23305	23266
rejected events	19979	19985	23325	21038	20841
rejected %	89%	88%	91%	90%	89%

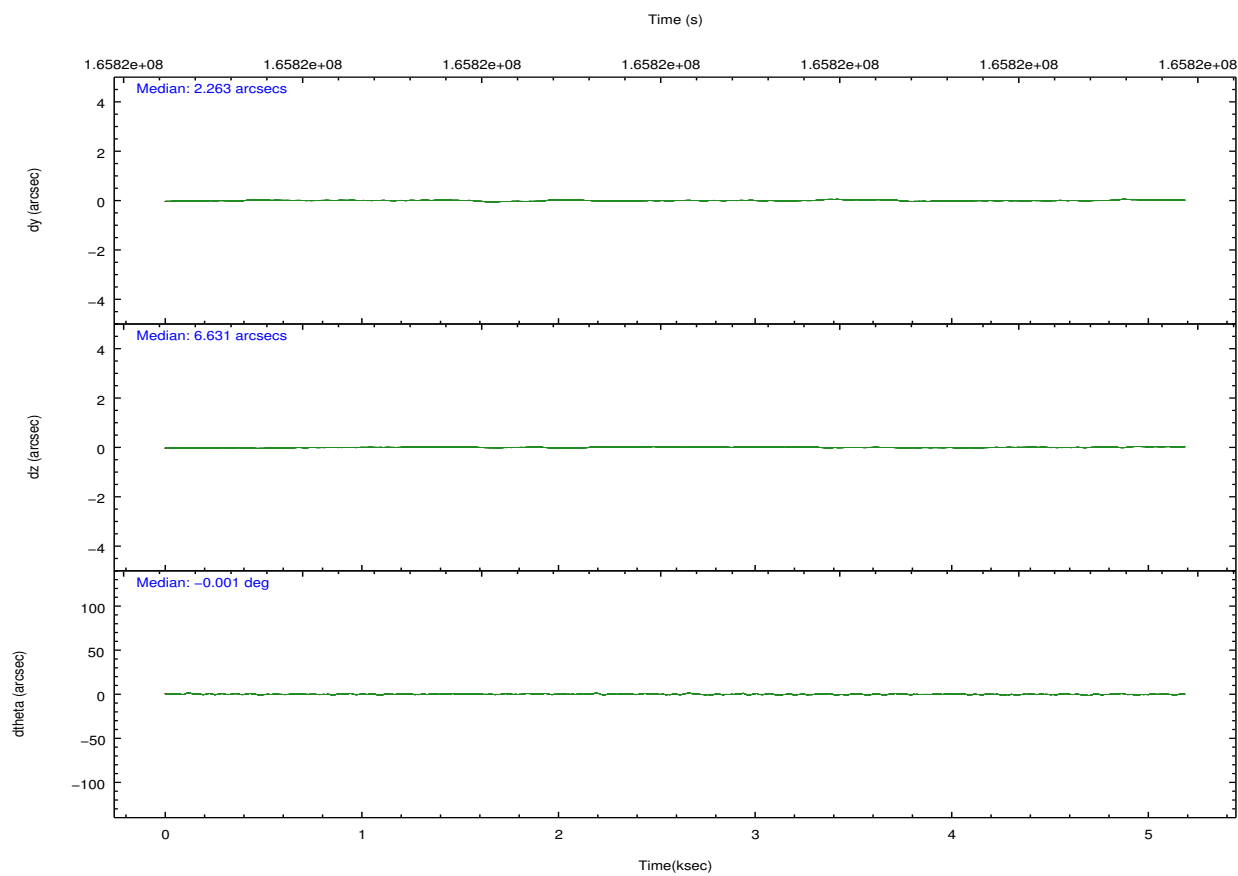
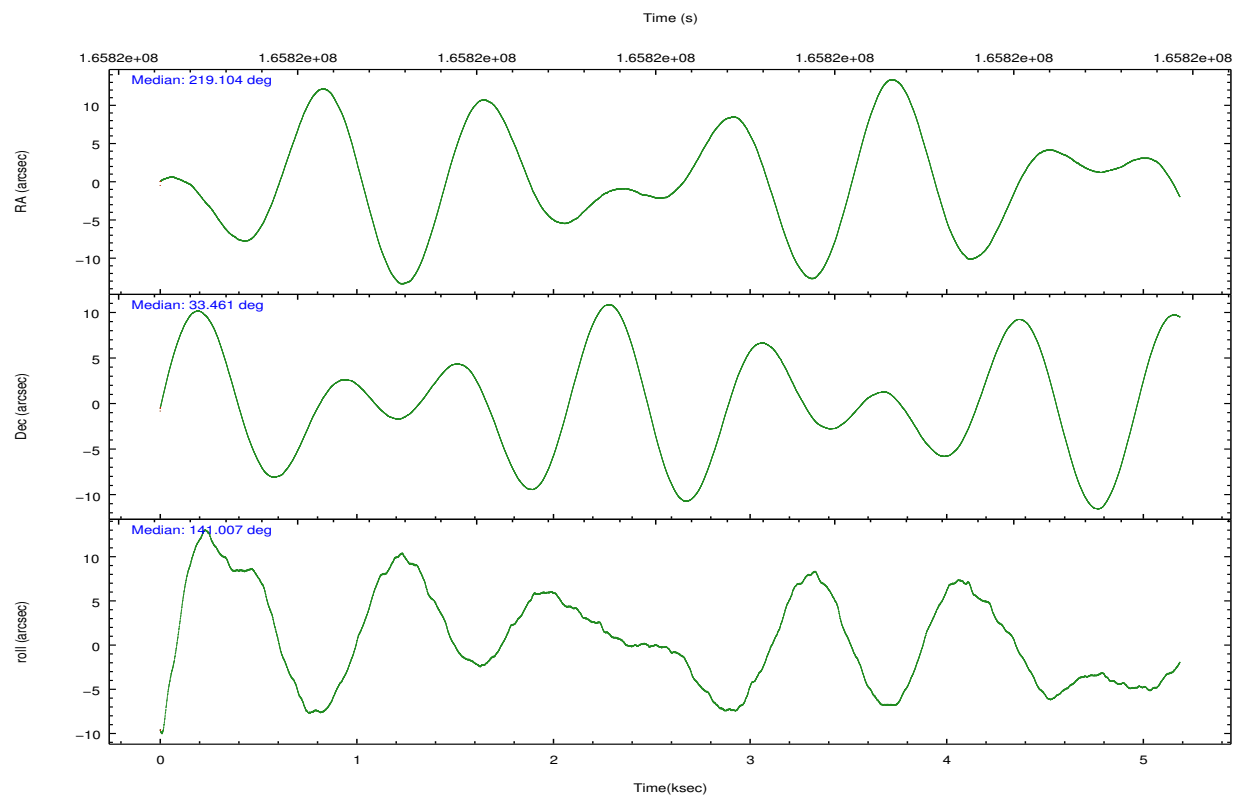
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	824	839	824	857	906
	3%	3%	3%	3%	3%
grade 1 events	9	13	13	9	9
	0%	0%	0%	0%	0%
grade 2 events	579	575	528	468	481
	2%	2%	2%	2%	2%
grade 3 events	288	311	245	274	293
	1%	1%	0%	1%	1%
grade 4 events	264	326	254	263	271
	1%	1%	0%	1%	1%
grade 5 events	719	700	679	807	750
	3%	3%	2%	3%	3%
grade 6 events	446	495	390	407	478
	1%	2%	1%	1%	2%
grade 7 events	19248	19271	22632	20220	20078
	86%	85%	88%	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	219.136570	219.1041423745781	Subarray requested	NONE	NONE
[deg] Pointing Dec	33.456837	33.46106113304432	Alternating exposures requested	N	N
[deg] Pointing Roll	140.783562	141.0101132117543	[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)	165815675.184000	165815251.93035			
Observation start date	2003-04-04T03:53:31	2003-04-04T03:47:31			
[s] Observation end time (MET)	165820675.184000	165820808.96809			
Observation end date	2003-04-04T05:16:51	2003-04-04T05:20:08			
Read mode	TIMED	TIMED			

2.3 Aspect



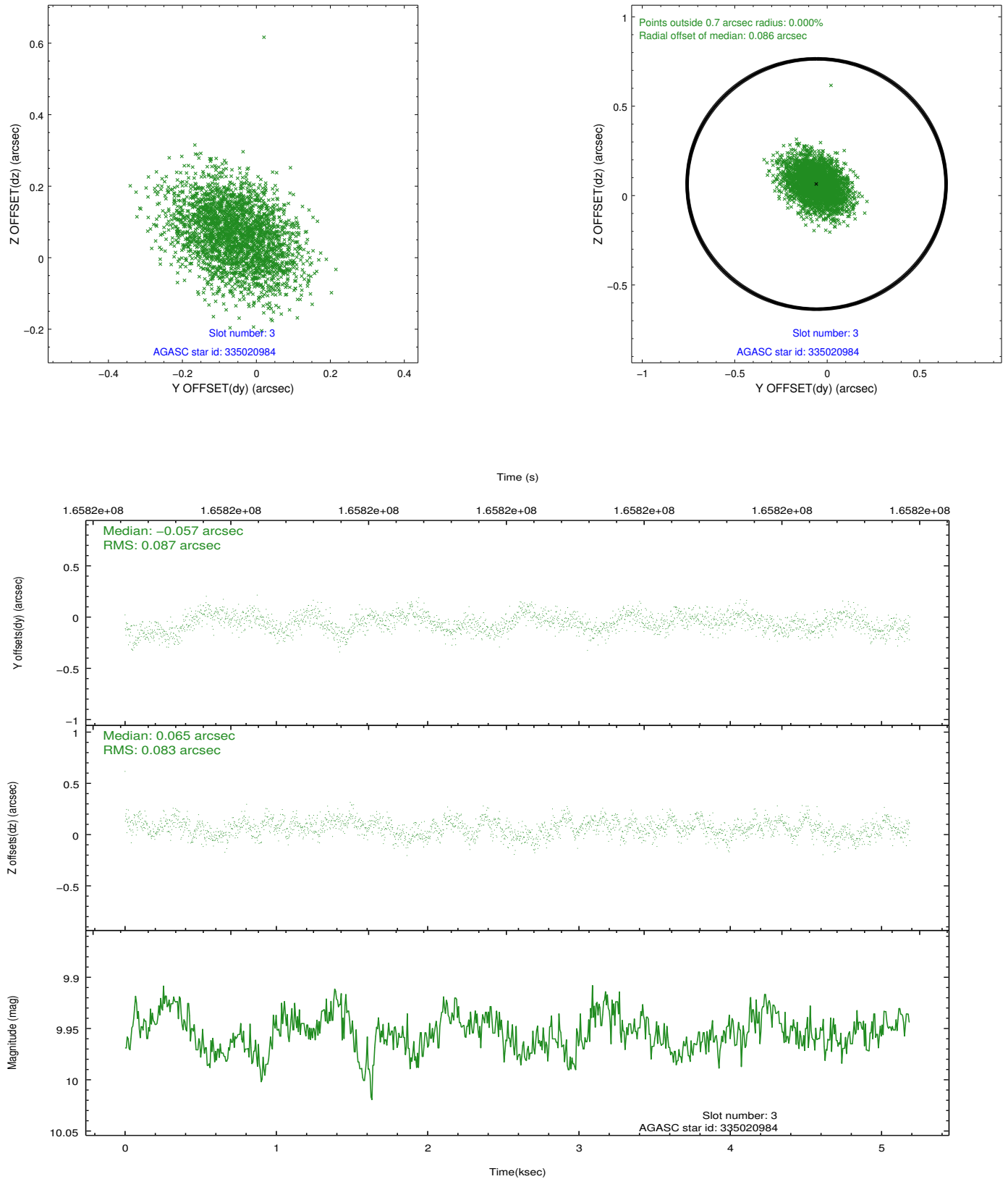


Slot Statistics

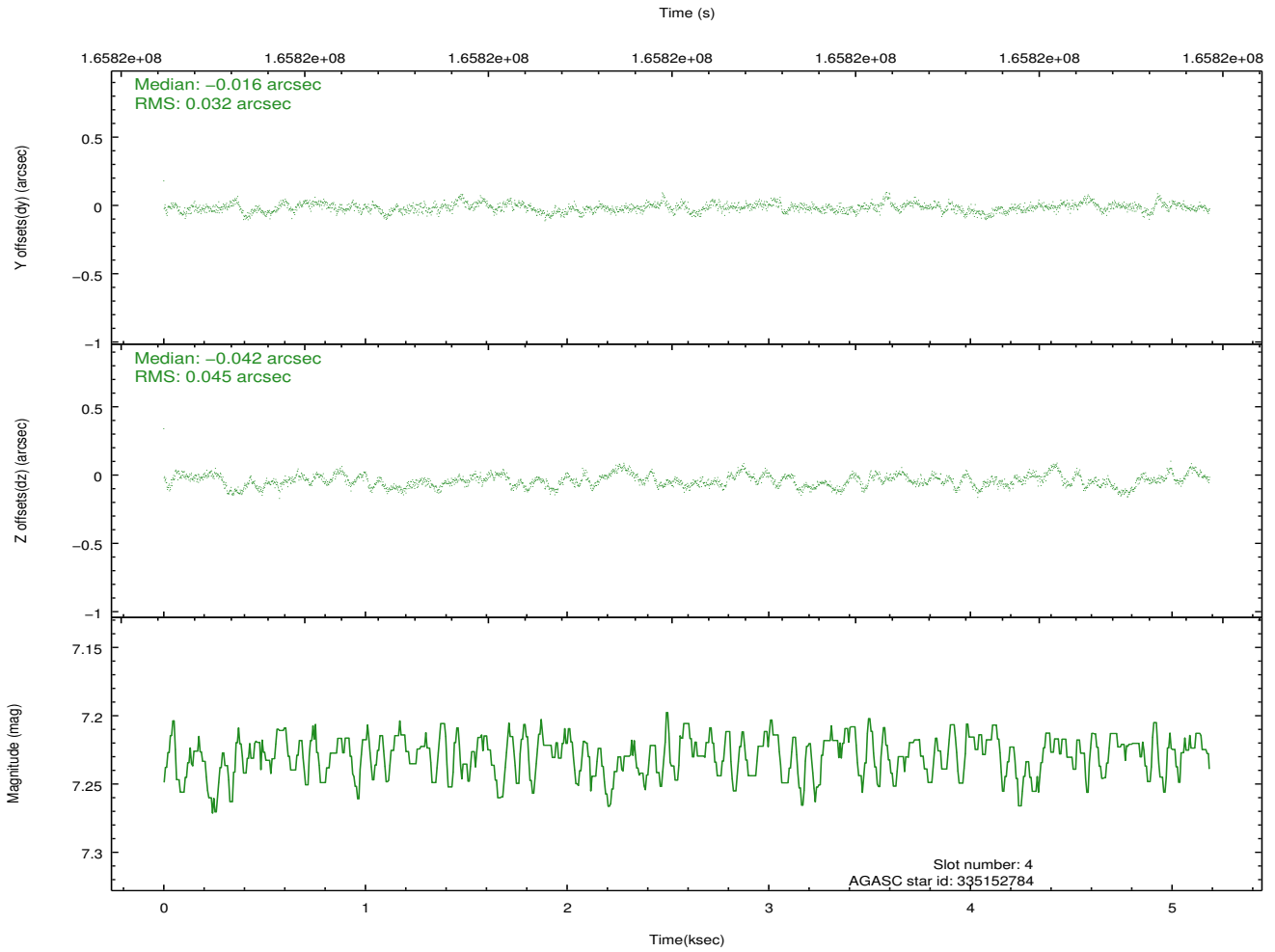
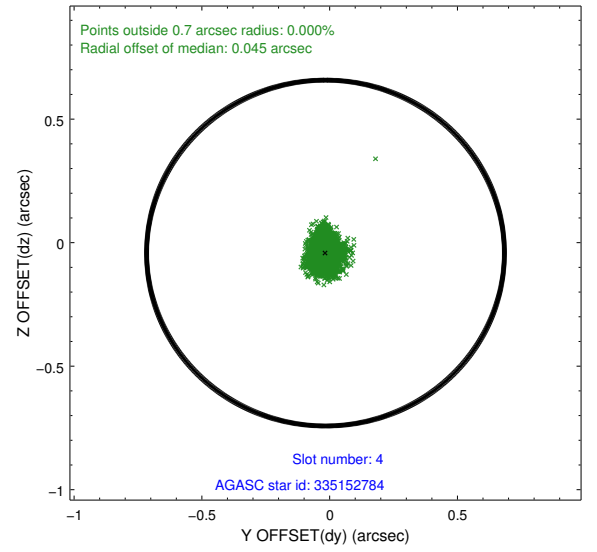
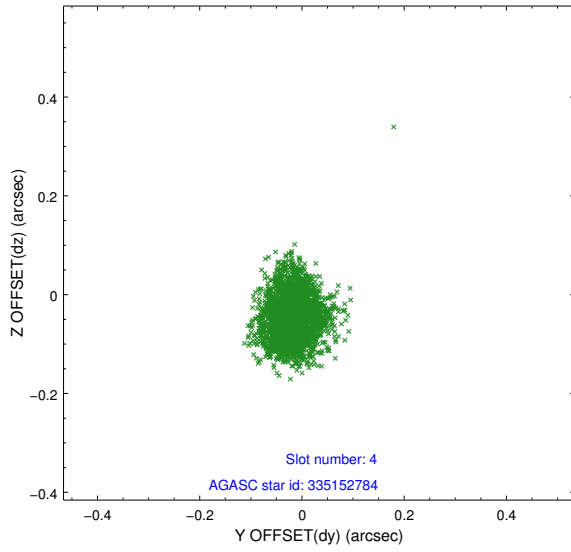
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	1266	0.012	-0.005	0.006	0.011	0.000000	0.000000	937.54	-830.04
1	FID	ACIS-I-5	7.24	1266	-0.080	0.052	0.006	0.011	0.000000	0.000000	-1809.96	1066.99
2	FID	ACIS-I-6	7.26	1265	-0.024	0.023	0.007	0.011	0.000000	0.000000	401.84	1712.74
3	GUIDE	335020984	9.95	2530	-0.057	0.065	0.128	0.207	218.841668	33.815112	1500.19	-442.18
4	GUIDE	335152784	7.23	2531	-0.016	-0.042	0.058	0.094	219.280617	33.678221	170.36	-890.34
5	GUIDE	335154960	9.56	2531	0.083	-0.057	0.084	0.141	219.209961	33.303073	-521.35	289.02
6	GUIDE	335157088	9.08	2525	-0.064	0.044	0.073	0.121	219.274029	33.726909	295.83	-1013.15
7	GUIDE	335158960	9.52	2530	0.052	-0.009	0.098	0.160	219.582957	33.009904	-2059.26	392.18

2.4 Star Slots

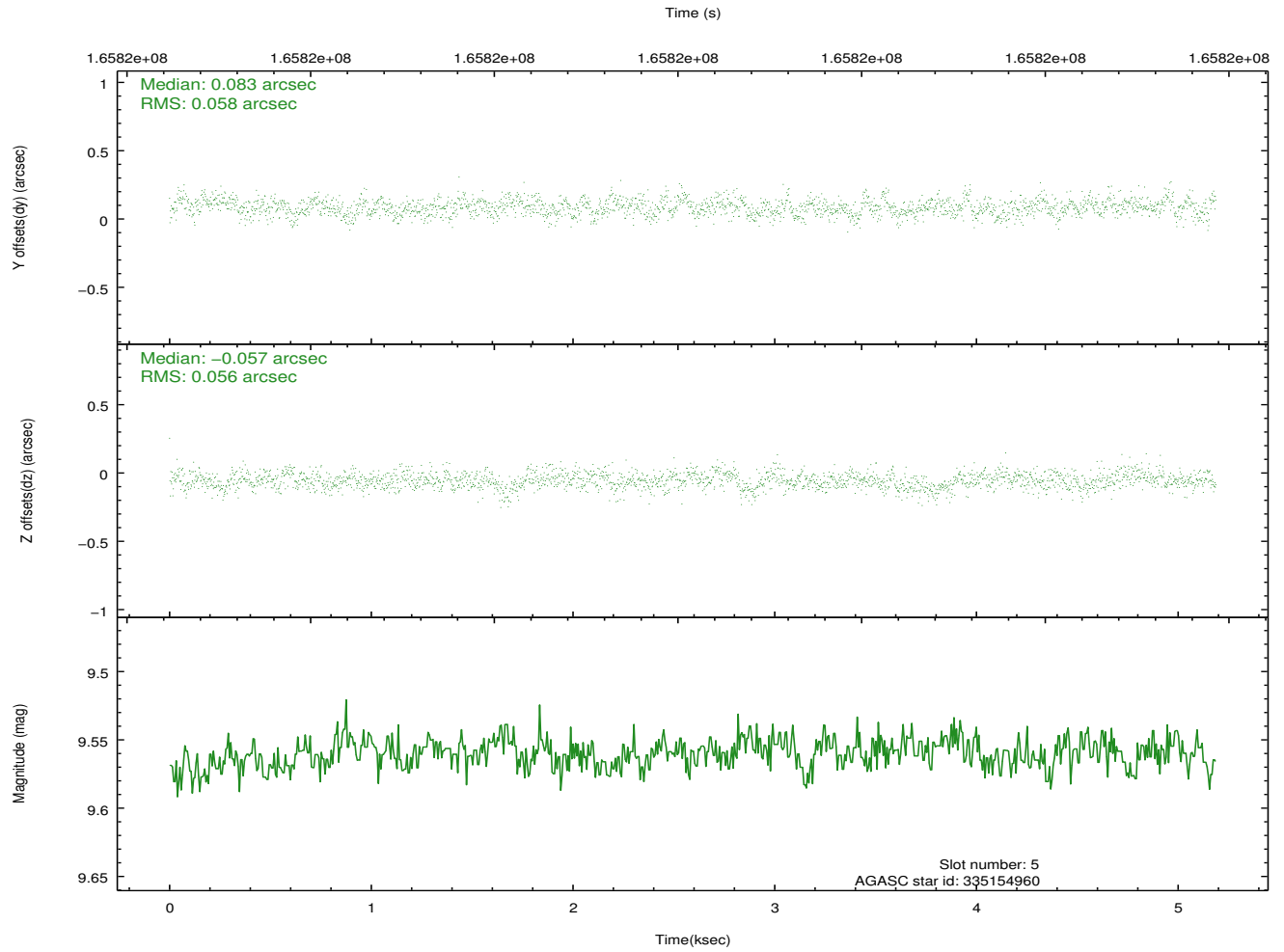
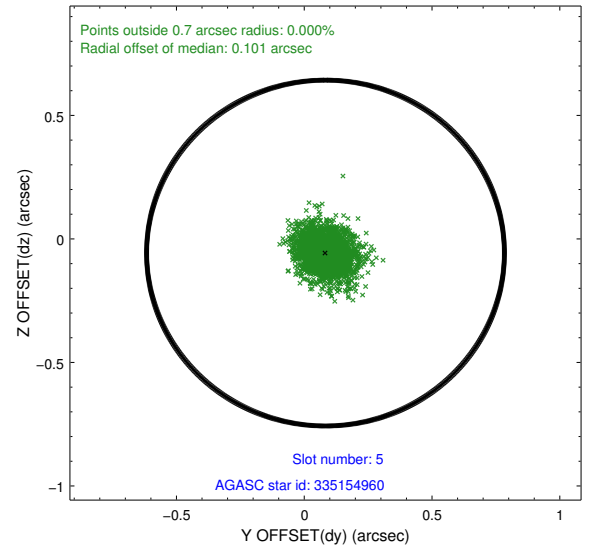
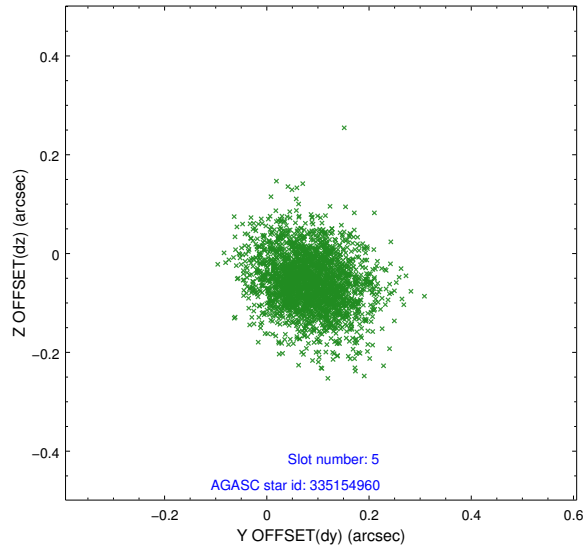
2.4.1 Slot 3



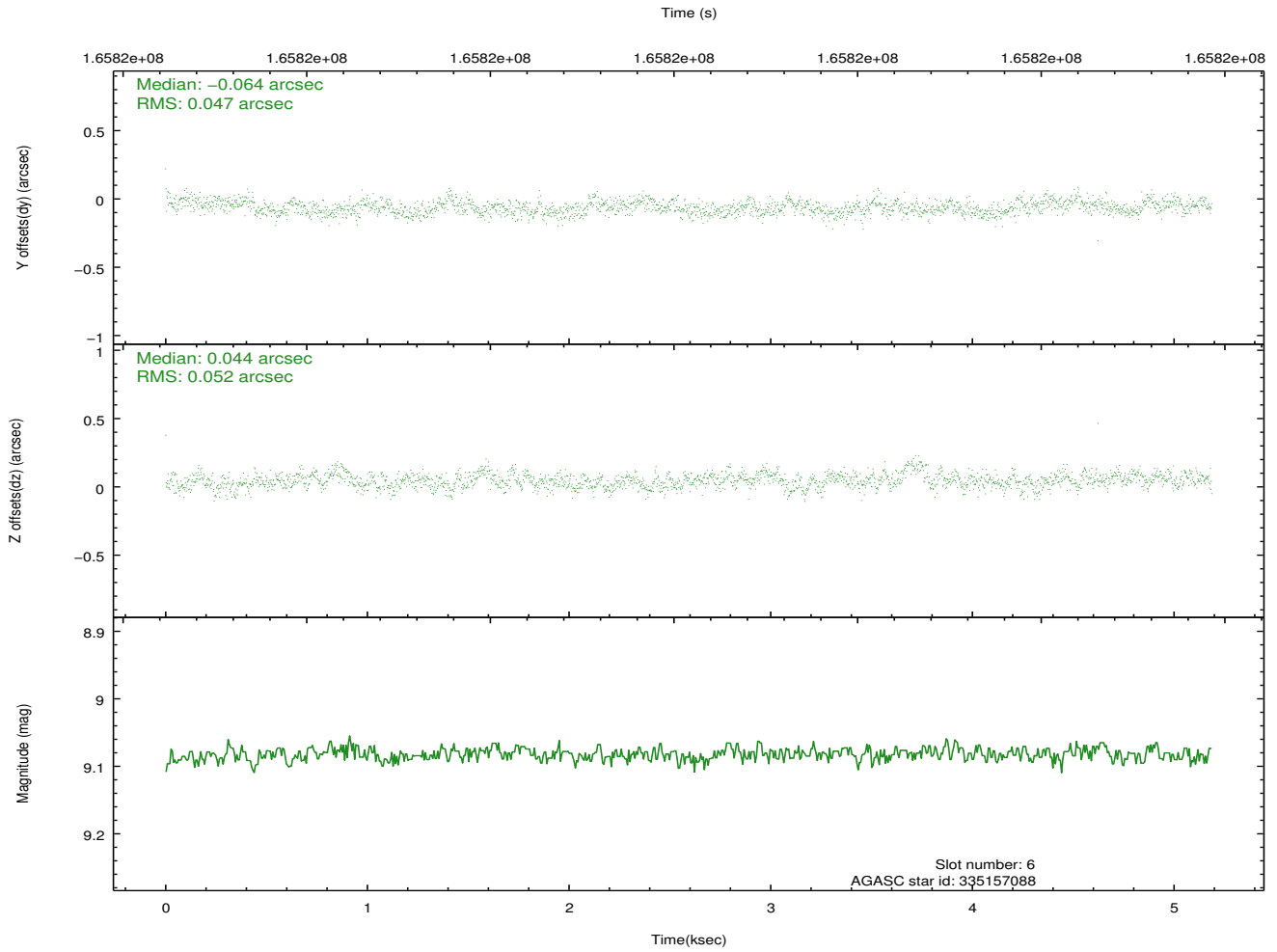
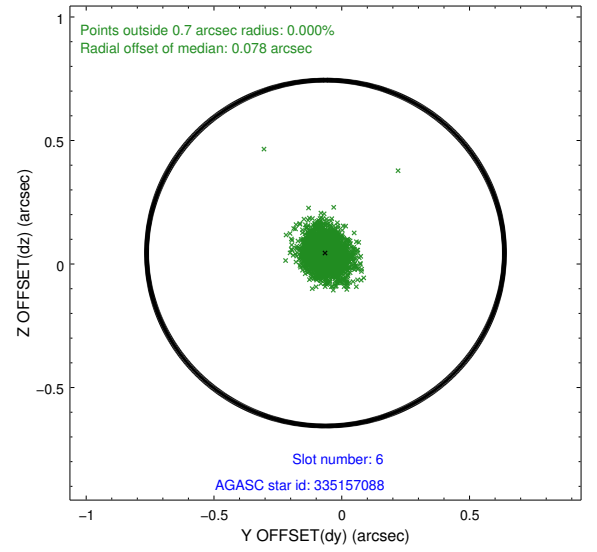
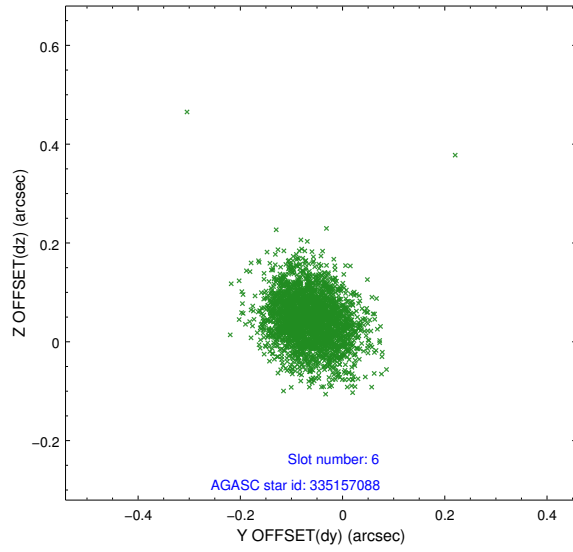
2.4.2 Slot 4



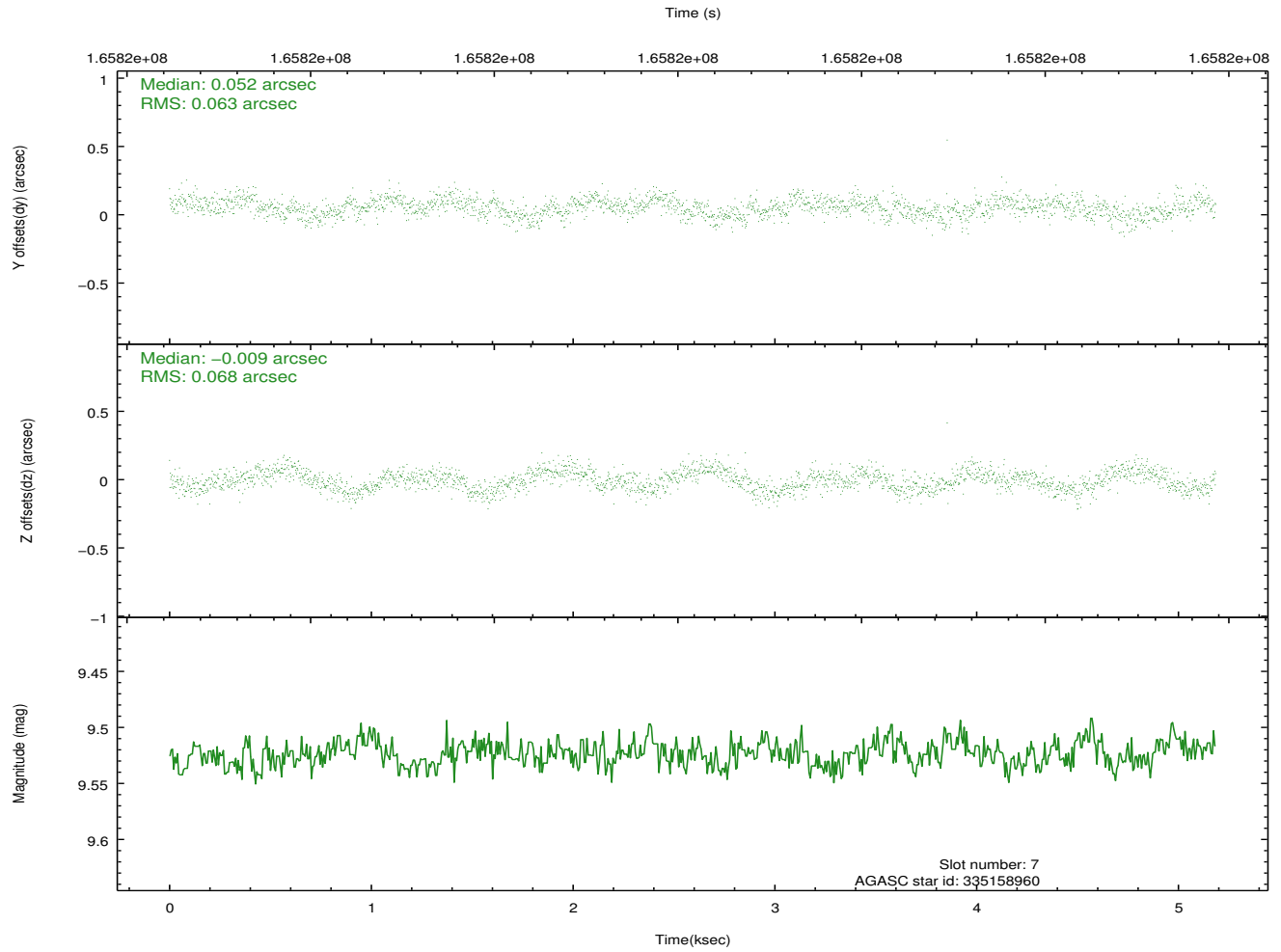
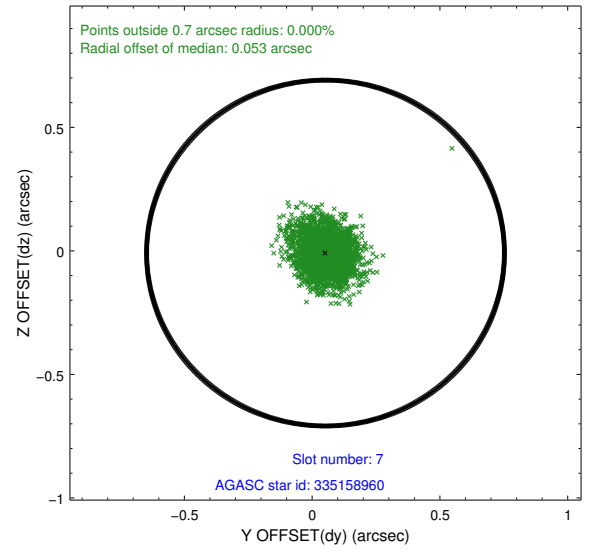
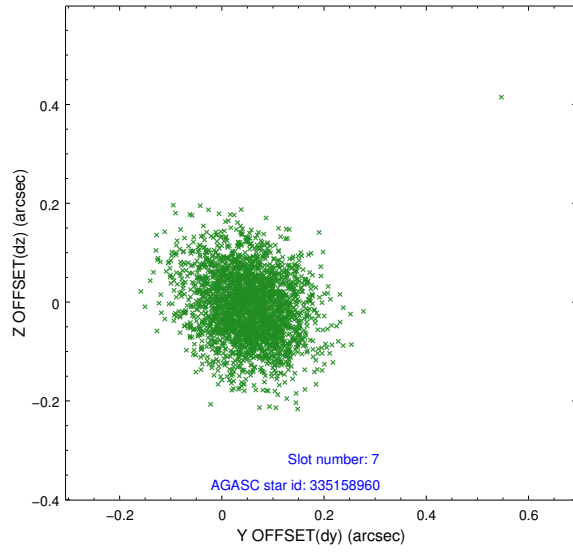
2.4.3 Slot 5



2.4.4 Slot 6

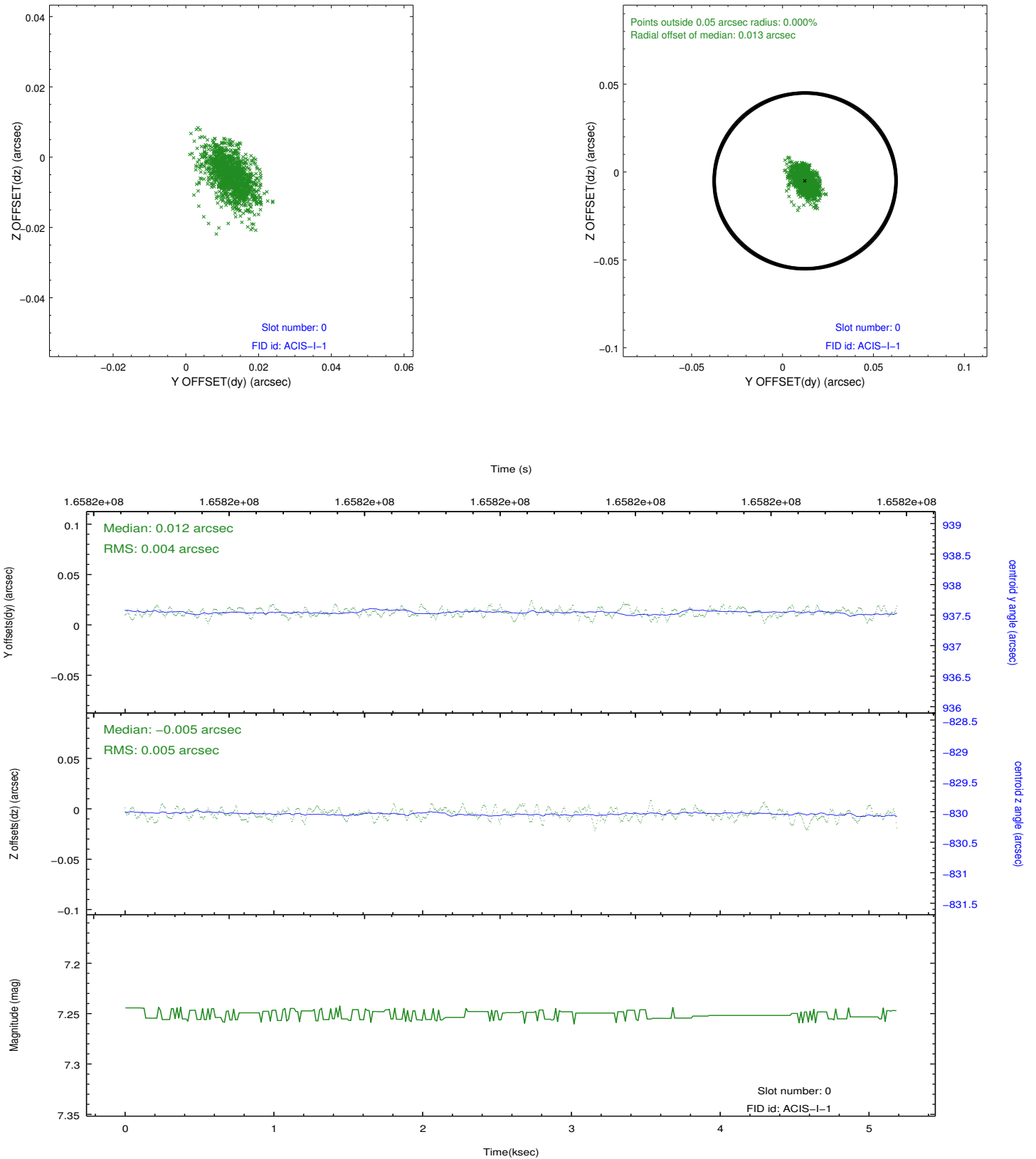


2.4.5 Slot 7

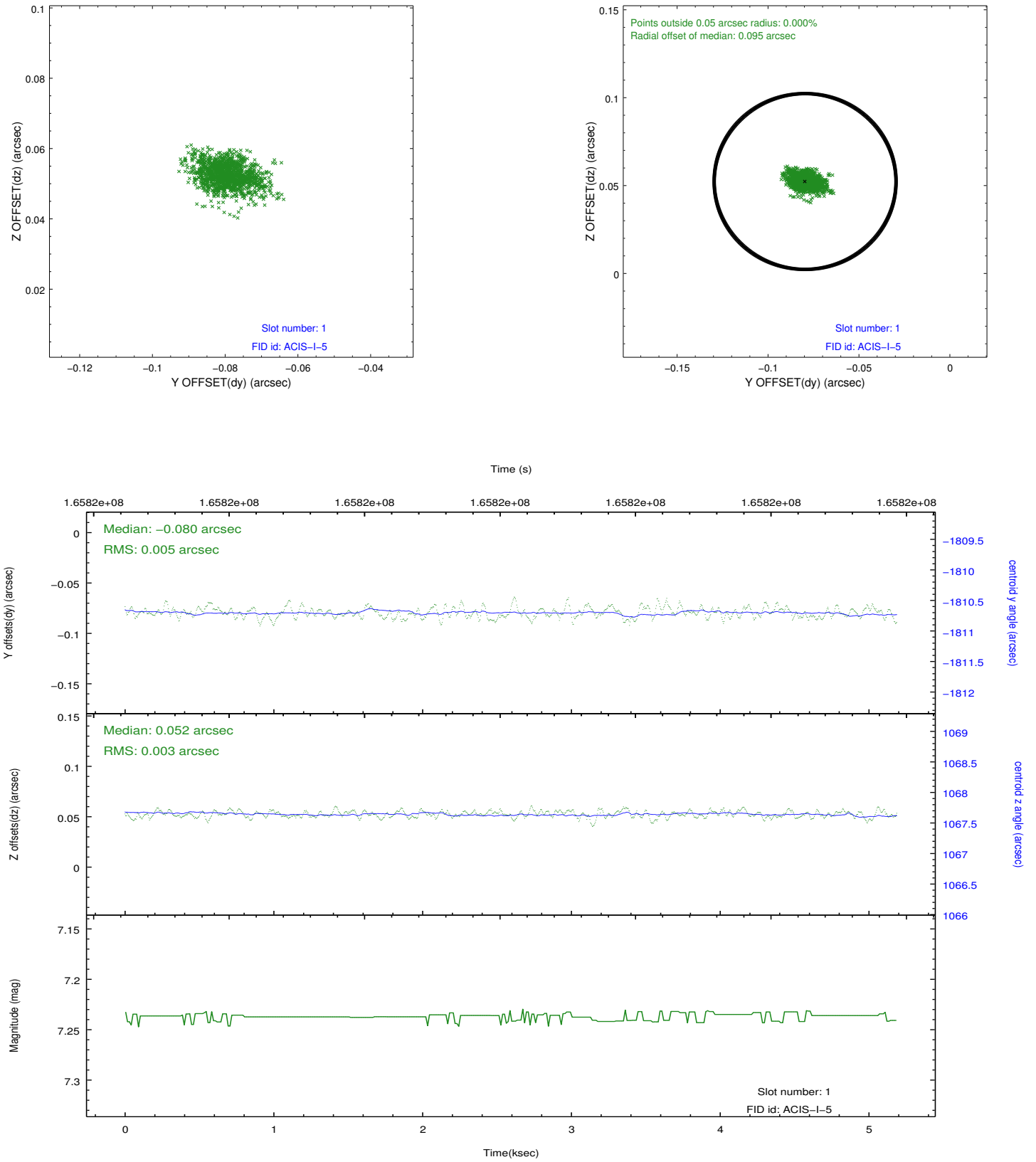


2.5 FID Slots

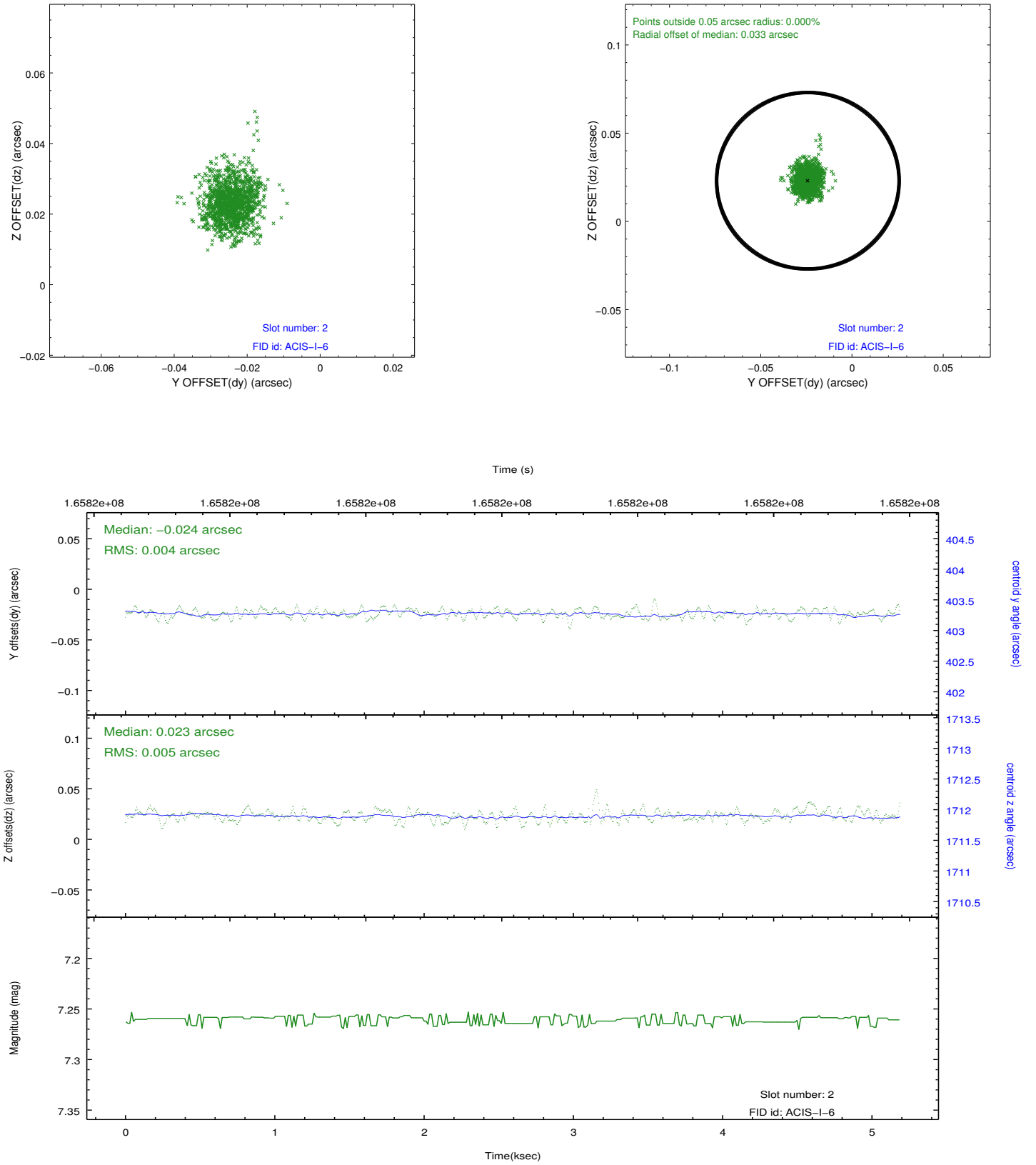
2.5.1 Slot 0



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

A.2 Comments