

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 4224 - L2 Version 3
Chandra X-Ray Center

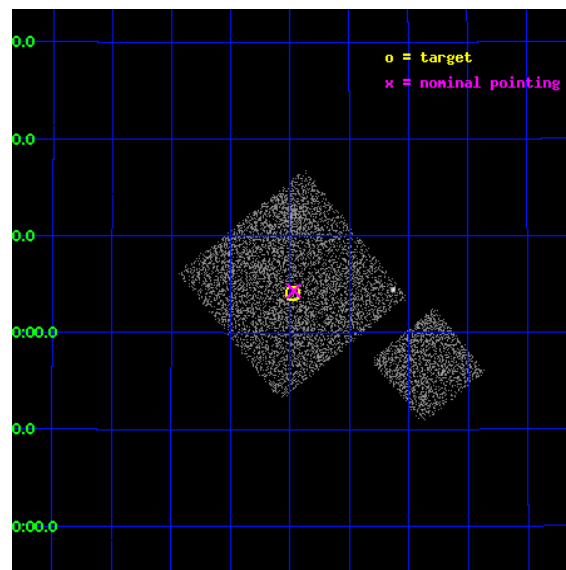
L2 Processing Date : Oct 24 2012

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1 Front

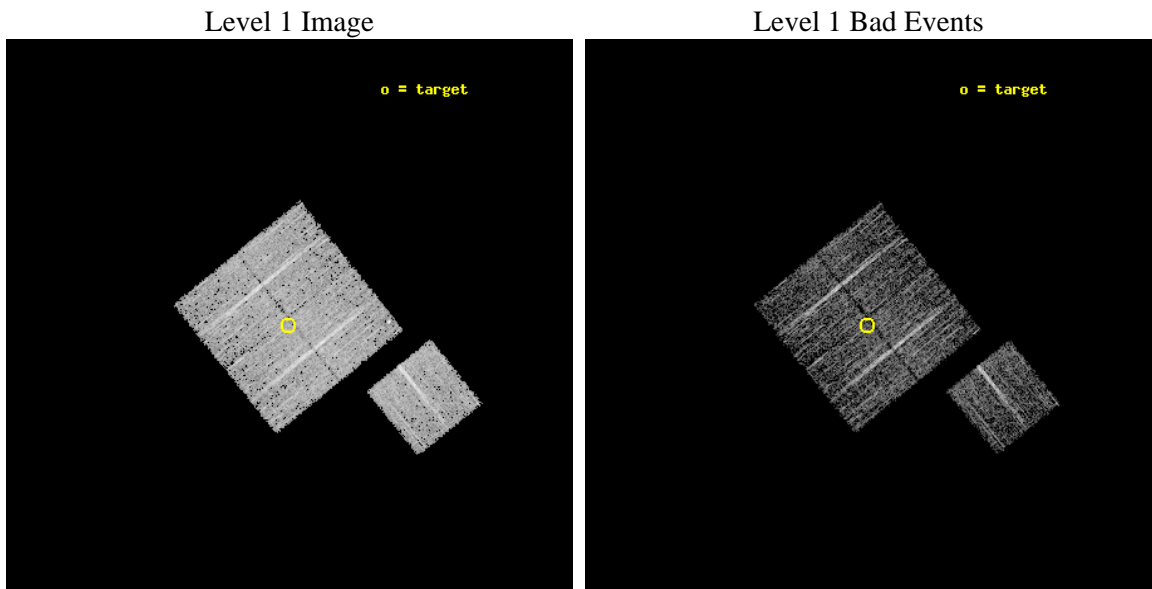
seq_num	900267	Sequence number
obs_id	4224	Observation id
title	A CHANDRA WIDE-FIELD SURVEY TO MAP THE COSMIC WEB AND INVESTIGATE THE EVOLUTION OF NUCLEAR ACCRETION	Proposal title
observer	Dr. Christine Jones	Principal investigator
object	SS35	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	216.744263	Observer's specified target RA [deg]
dec_targ	34.068	Observer's specified target Dec [deg]
ra_nom	216.74163766898	Nominal RA [deg]
dec_nom	34.07213152978	Nominal Dec [deg]
roll_nom	141.01016230801	Nominal Roll [deg]
revision	3	Processing version of data
ontime	4776.7355171144	Sum of GTIs [s]
livetime	4714.3239510018	Livetime [s]
ontime0	4776.6123971045	Sum of GTIs [s]
ontime1	4776.6534371078	Sum of GTIs [s]
ontime2	4776.6944771111	Sum of GTIs [s]
ontime3	4776.7355171144	Sum of GTIs [s]
ontime6	4773.4303768873	Sum of GTIs [s]
l2events	10009	Number of level 2 events



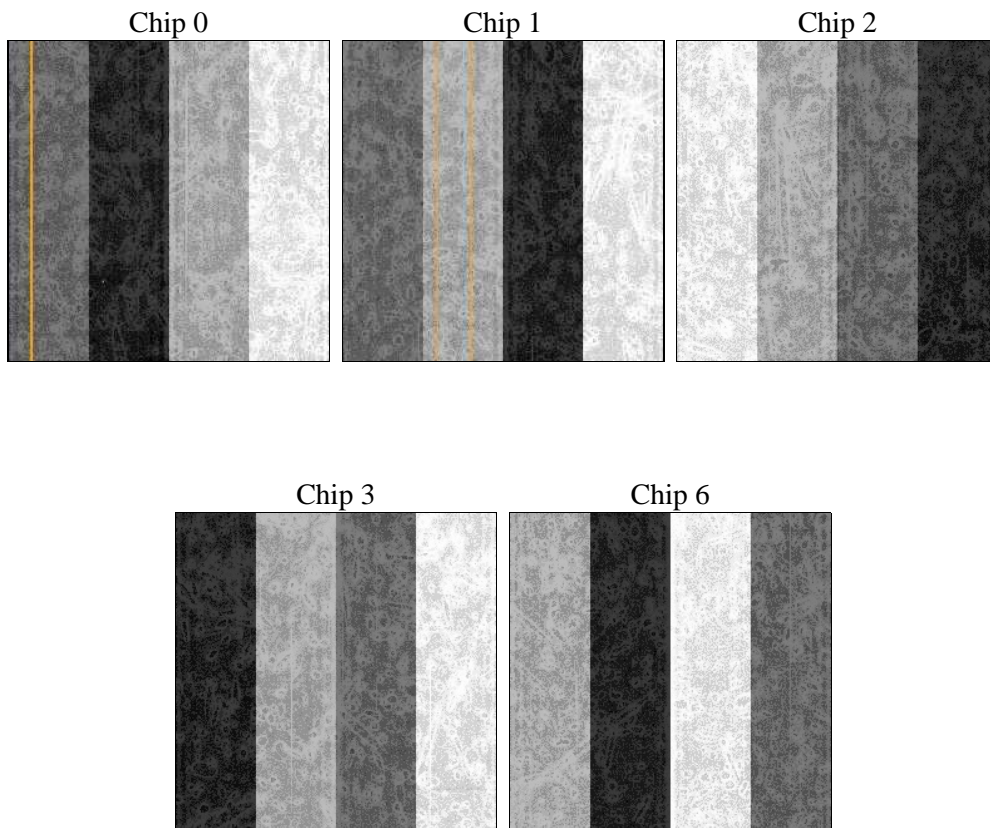
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	5000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	4776.7355171144	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	4776.6123971045	Sum of GTIs [s]
date	2012-10-24T21:04:34	Date and time of file creation	ontime1	4776.6534371078	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	4776.6944771111	Sum of GTIs [s]
			ontime3	4776.7355171144	Sum of GTIs [s]
			ontime6	4773.4303768873	Sum of GTIs [s]
			l1events	123055	Number of level 1 events

2.1.4 Events

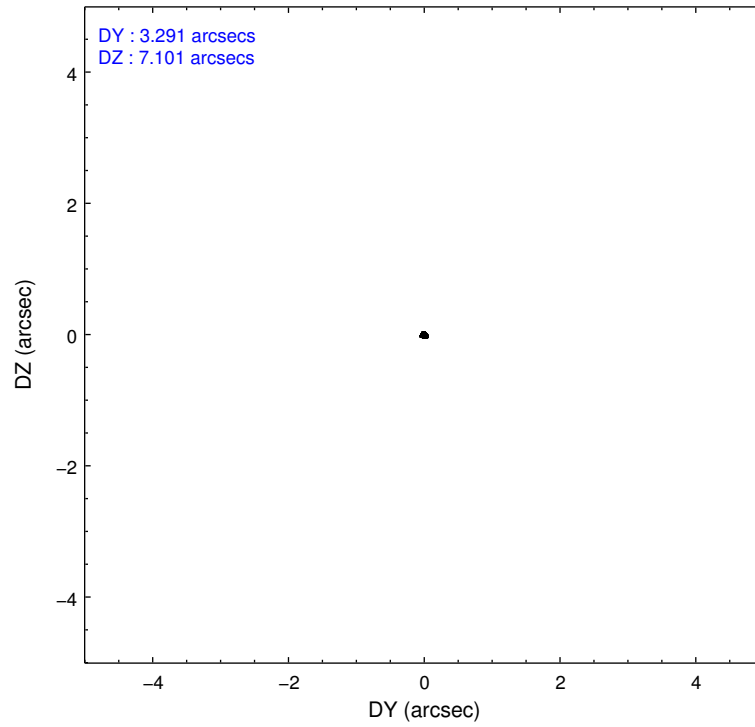
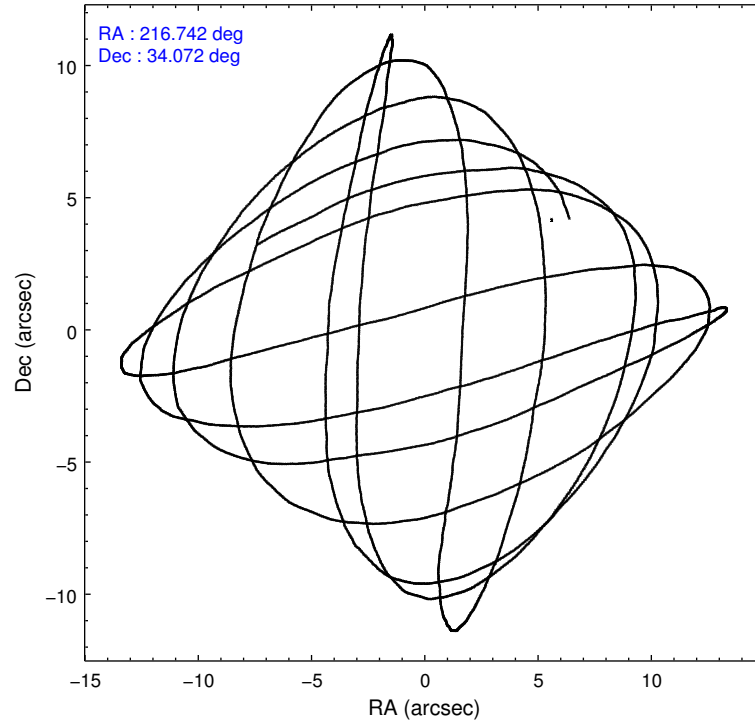
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	23641	23486	26596	24832	24500
rejected events	20989	21095	24046	22734	22097
rejected %	88%	89%	90%	91%	90%

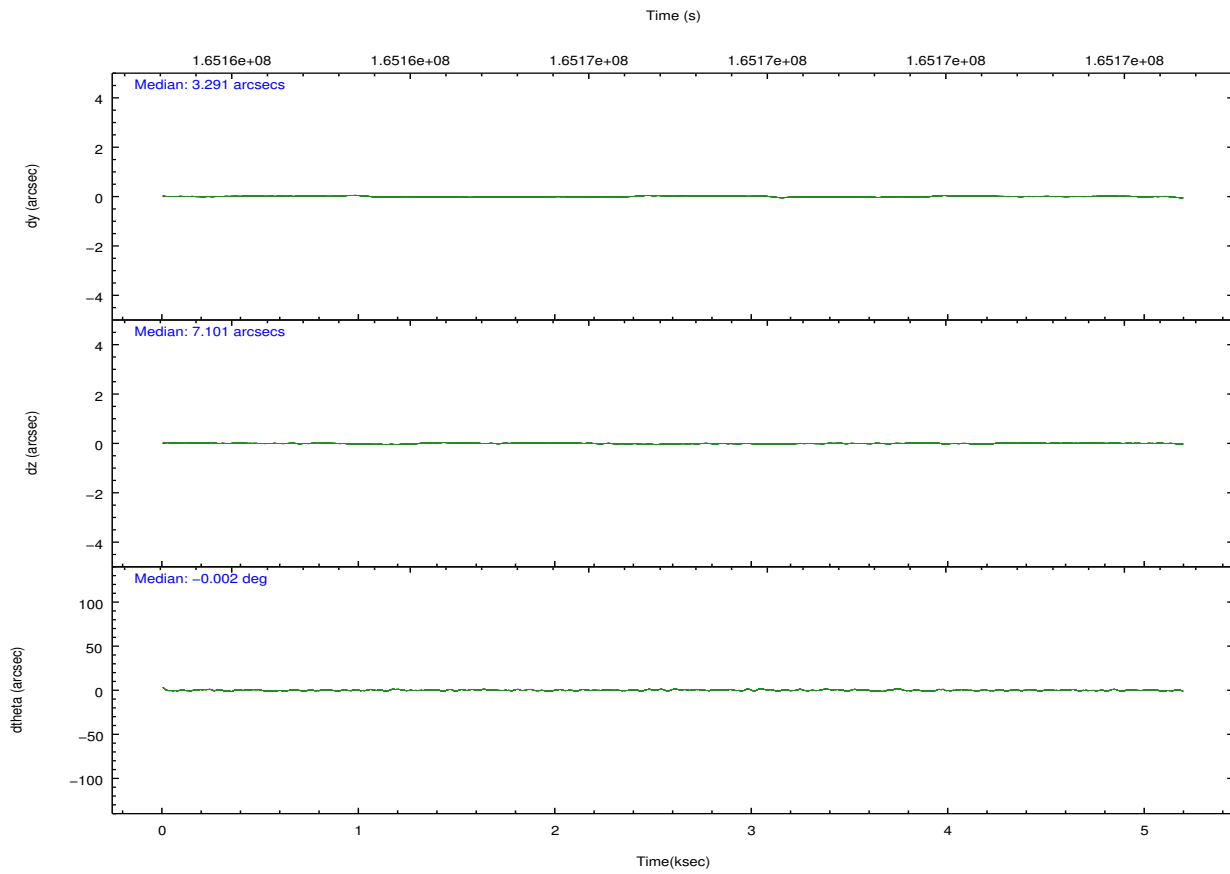
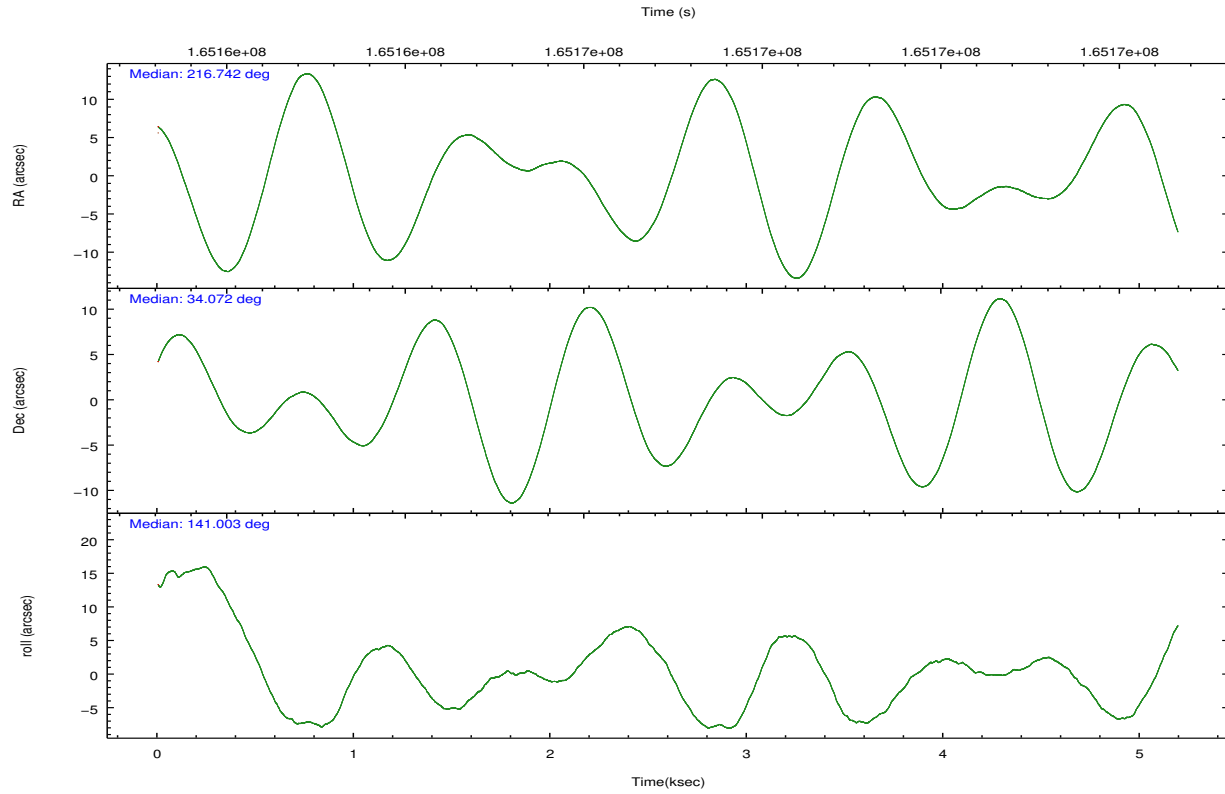
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	1130	839	1073	760	860
	4%	3%	4%	3%	3%
grade 1 events	13	10	13	13	13
	0%	0%	0%	0%	0%
grade 2 events	548	504	560	453	508
	2%	2%	2%	1%	2%
grade 3 events	269	285	255	271	287
	1%	1%	0%	1%	1%
grade 4 events	247	276	252	256	272
	1%	1%	0%	1%	1%
grade 5 events	704	749	677	798	790
	2%	3%	2%	3%	3%
grade 6 events	459	488	411	358	479
	1%	2%	1%	1%	1%
grade 7 events	20271	20335	23355	21923	21291
	85%	86%	87%	88%	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	216.774299	216.7416376689789	Subarray requested	NONE	NONE
[deg] Pointing Dec	34.067926	34.07213152977951	Alternating exposures requested	N	N
[deg] Pointing Roll	140.783174	141.010162308014	[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)	165164069.184000	165163693.74038			
Observation start date	2003-03-27T14:53:25	2003-03-27T14:48:13			
[s] Observation end time (MET)	165169069.184000	165169204.14061			
Observation end date	2003-03-27T16:16:45	2003-03-27T16:20:04			
Read mode	TIMED	TIMED			

2.3 Aspect



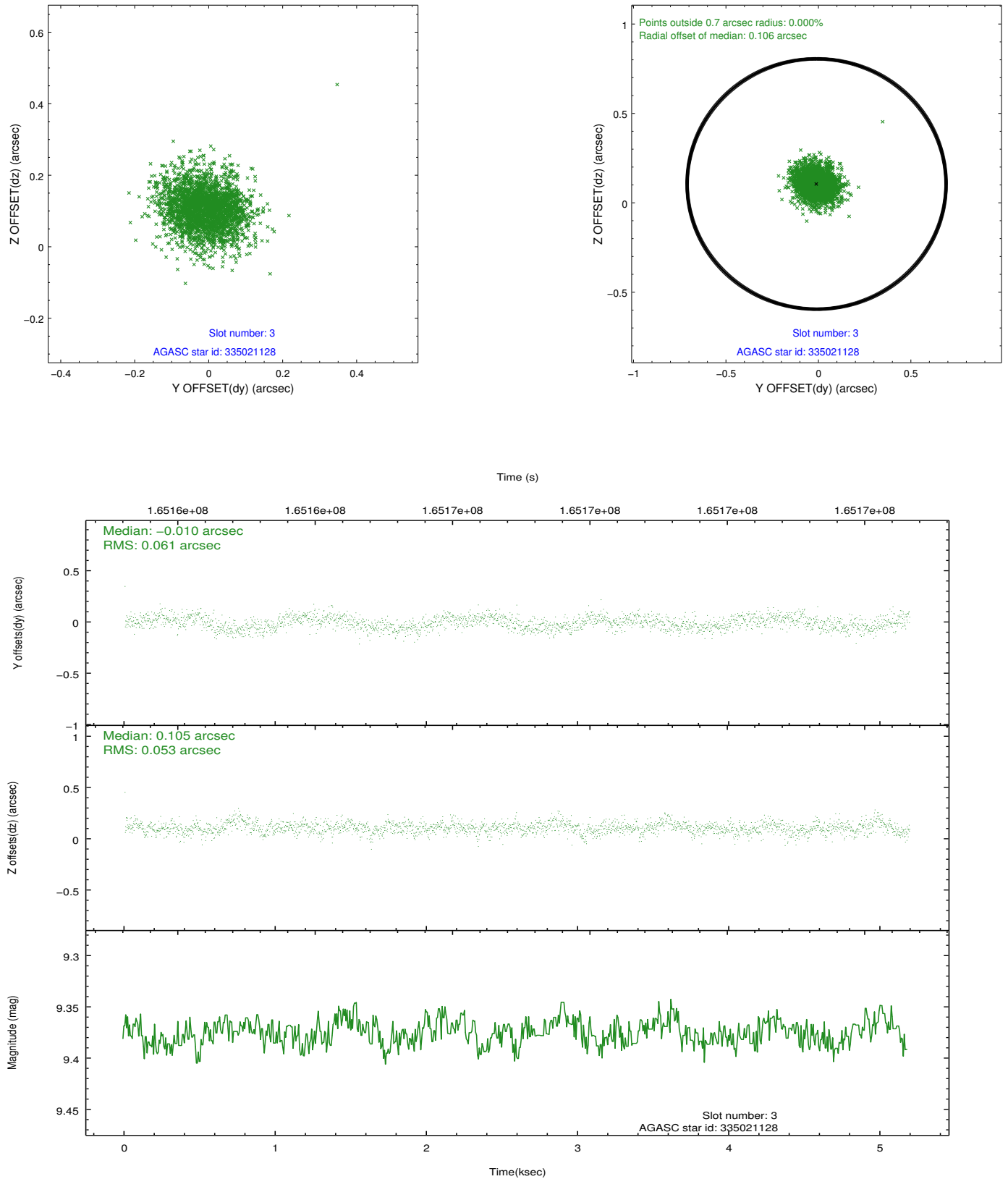


Slot Statistics

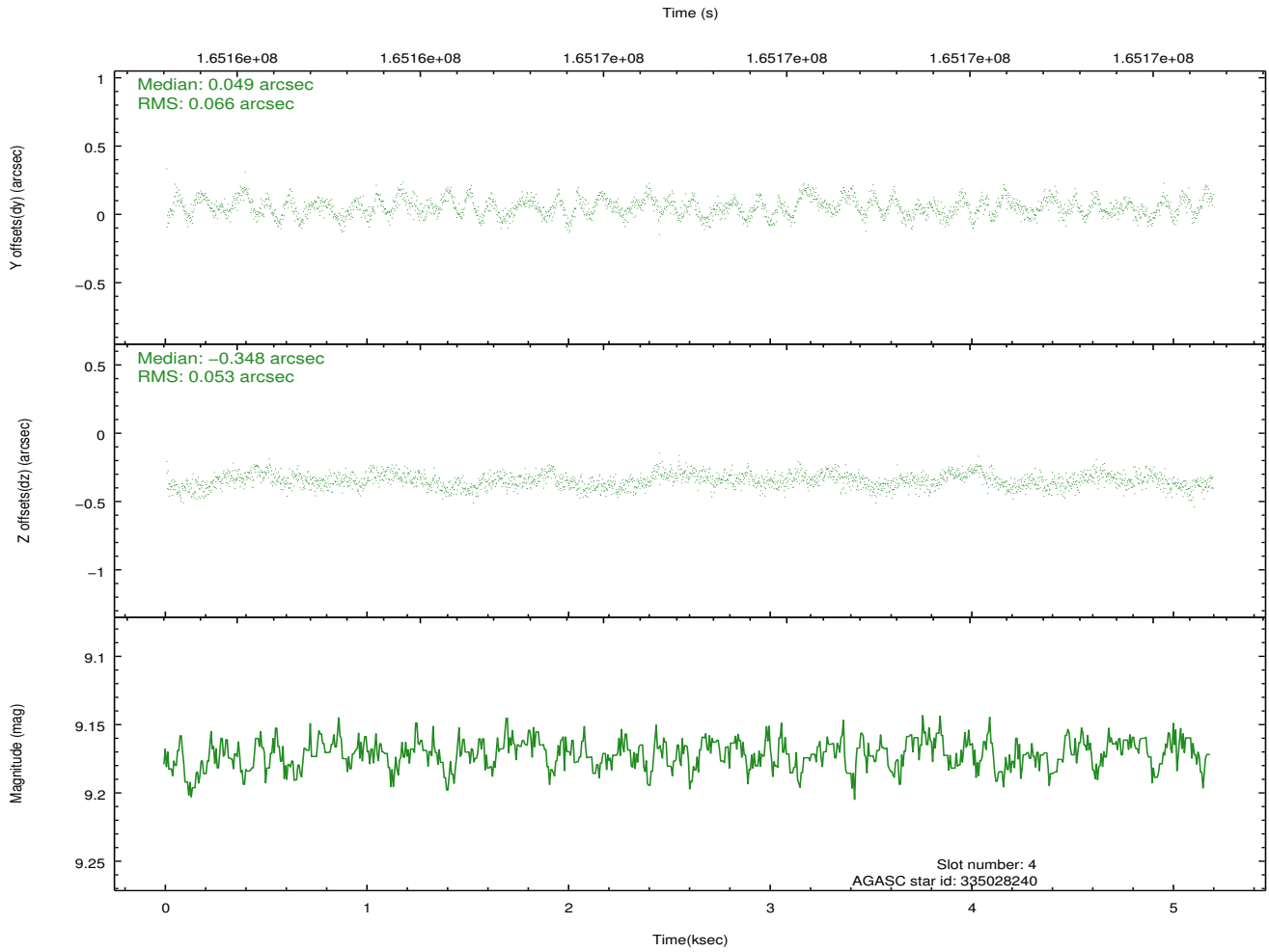
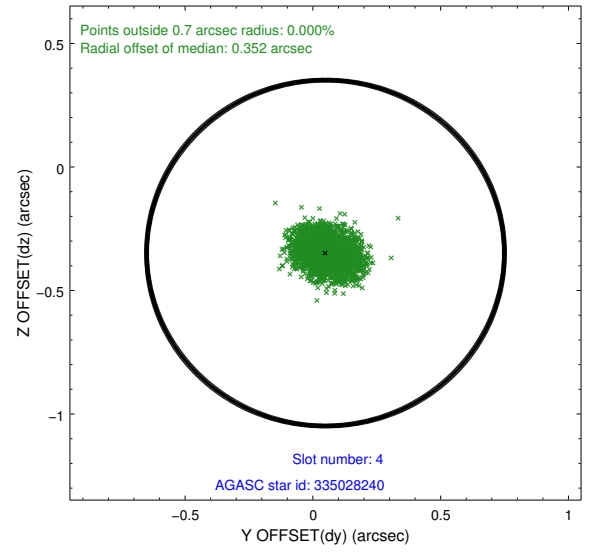
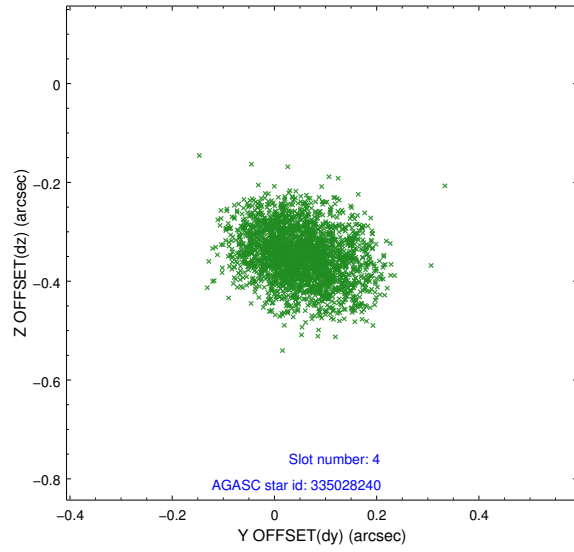
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-2	7.17	1267	-0.056	-0.077	0.008	0.015	0.000000	0.000000	-757.73	-836.94
1	FID	ACIS-I-4	7.19	1267	0.077	0.059	0.006	0.010	0.000000	0.000000	2155.92	1068.80
2	FID	ACIS-I-5	7.24	1267	-0.121	0.087	0.009	0.014	0.000000	0.000000	-1810.13	1067.99
3	GUIDE	335021128	9.38	2532	-0.010	0.105	0.085	0.142	216.159551	34.422539	2225.14	161.68
4	GUIDE	335028240	9.17	2533	0.049	-0.348	0.092	0.145	216.746851	33.385009	-1489.43	1956.92
5	GUIDE	335028696	9.22	2531	0.176	0.179	0.067	0.112	217.260519	33.844112	-1633.79	-296.44
6	GUIDE	335030384	8.85	2529	-0.080	0.052	0.096	0.151	216.806407	34.722197	1415.32	-1884.46
7	GUIDE	335028336	9.48	2532	-0.138	0.013	0.095	0.157	217.189840	34.665629	409.67	-2447.23

2.4 Star Slots

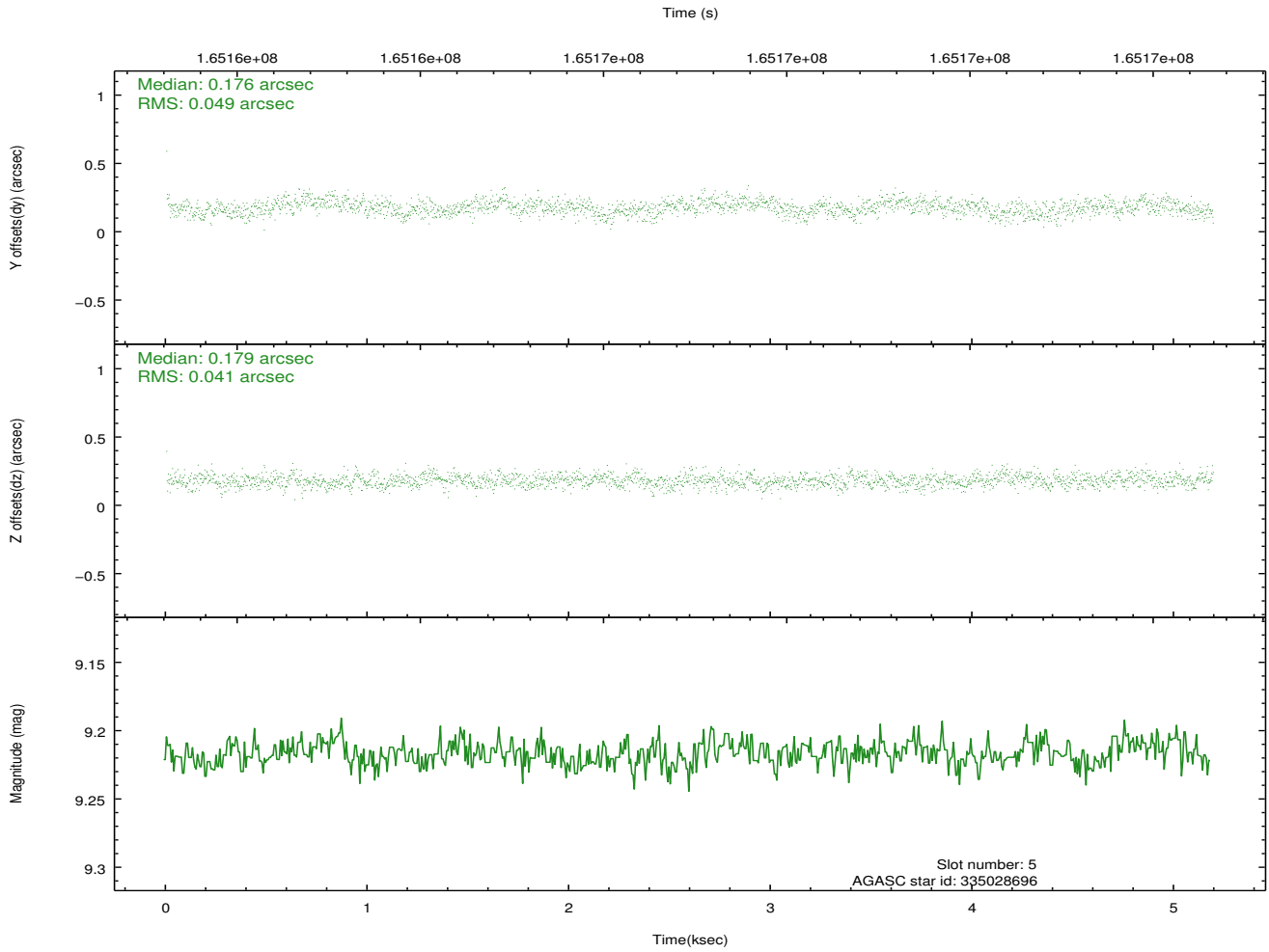
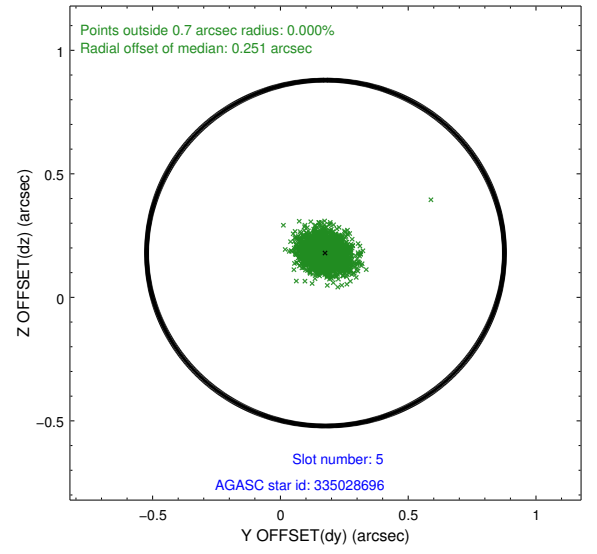
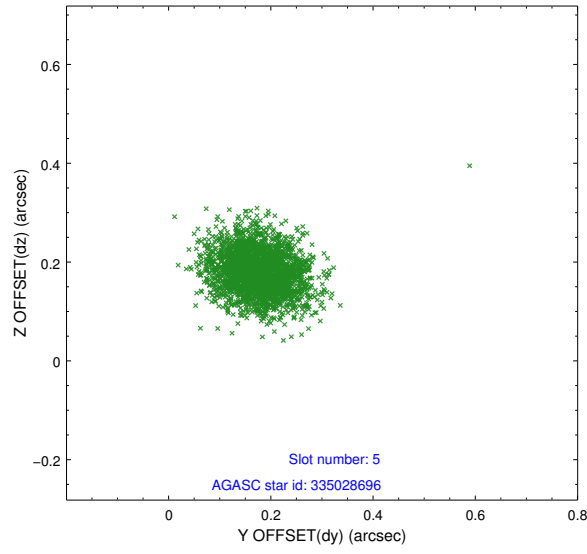
2.4.1 Slot 3



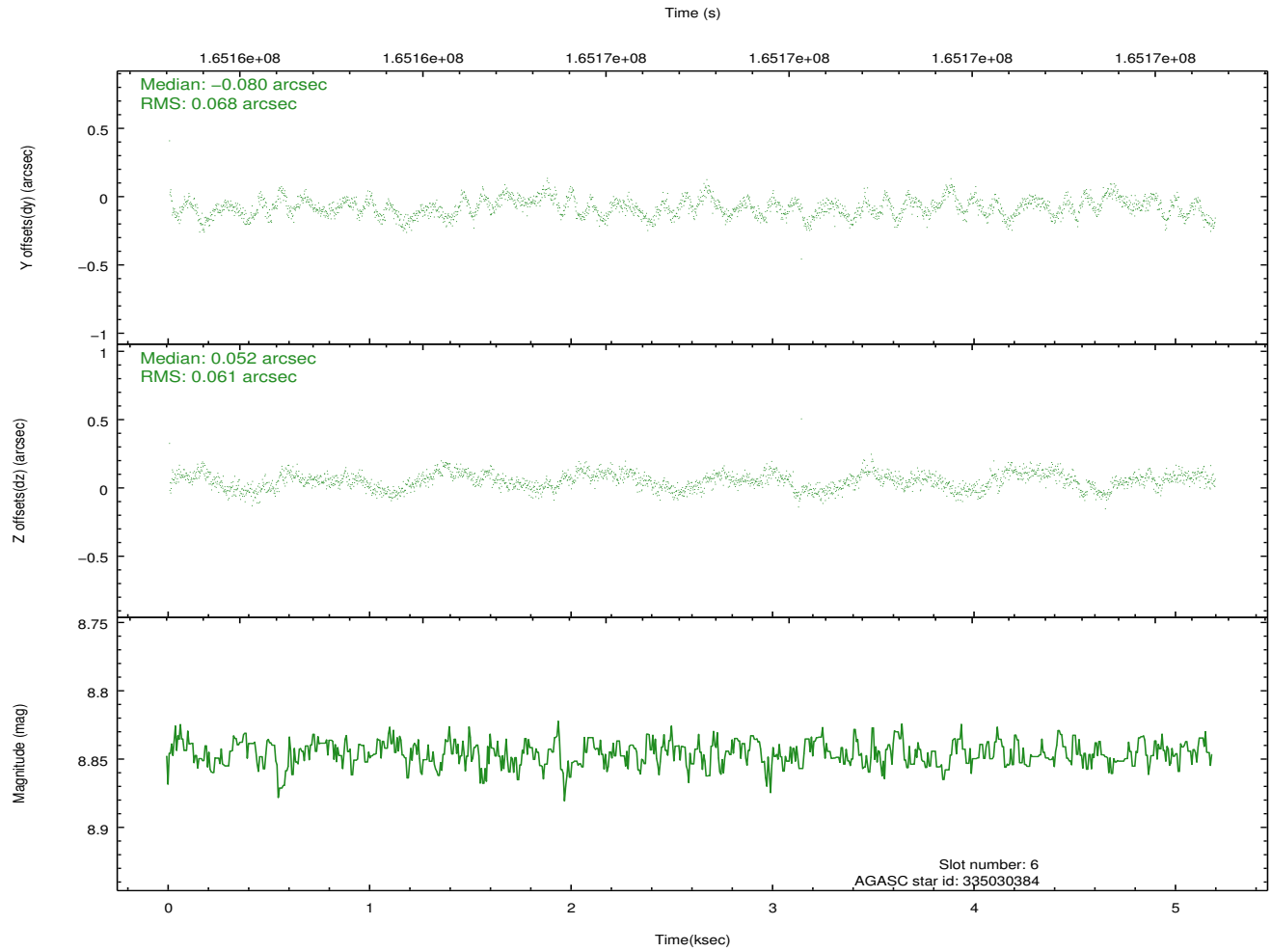
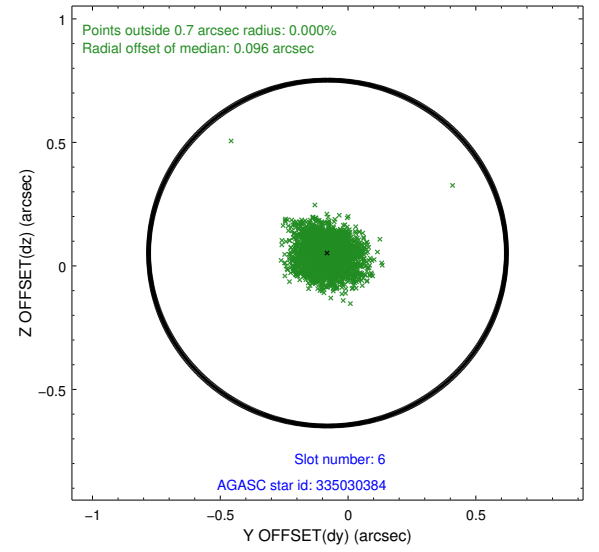
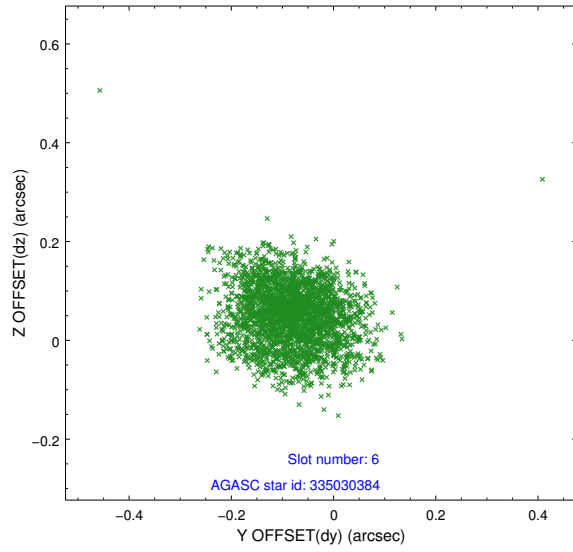
2.4.2 Slot 4



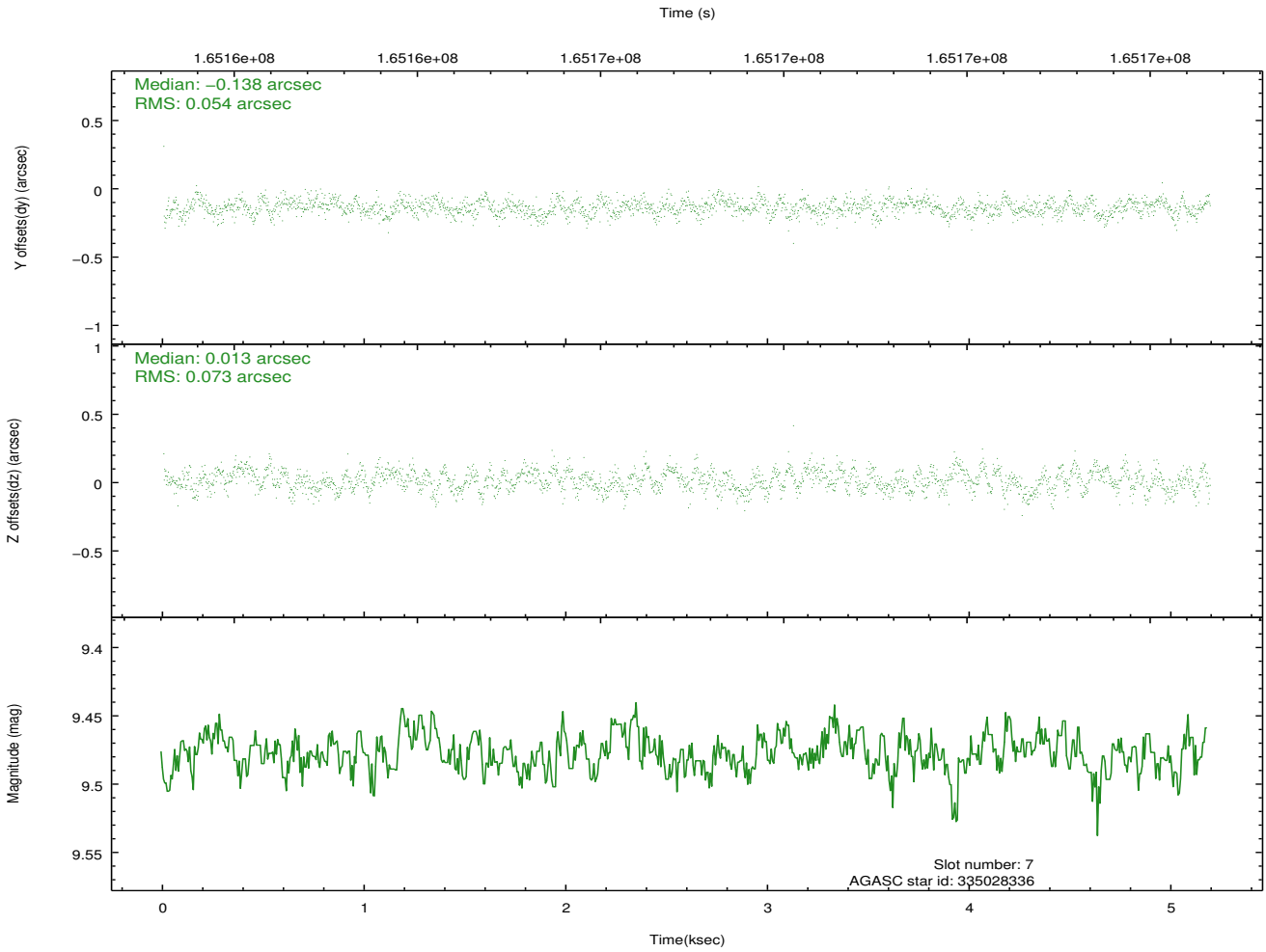
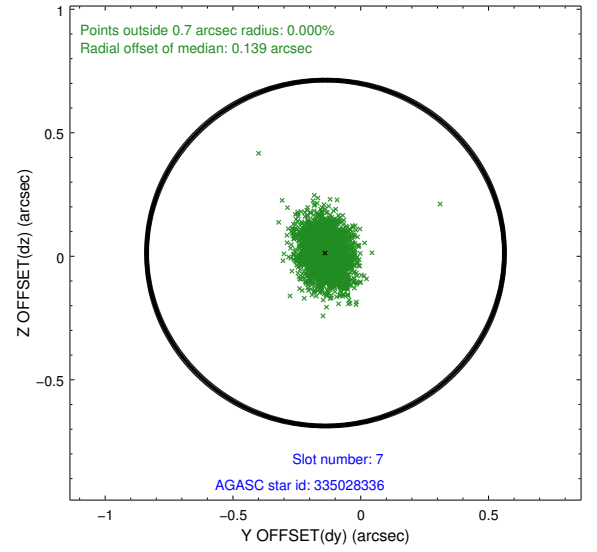
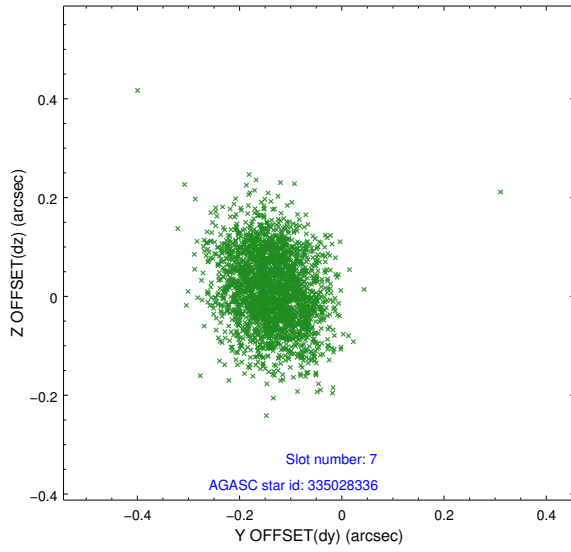
2.4.3 Slot 5



2.4.4 Slot 6

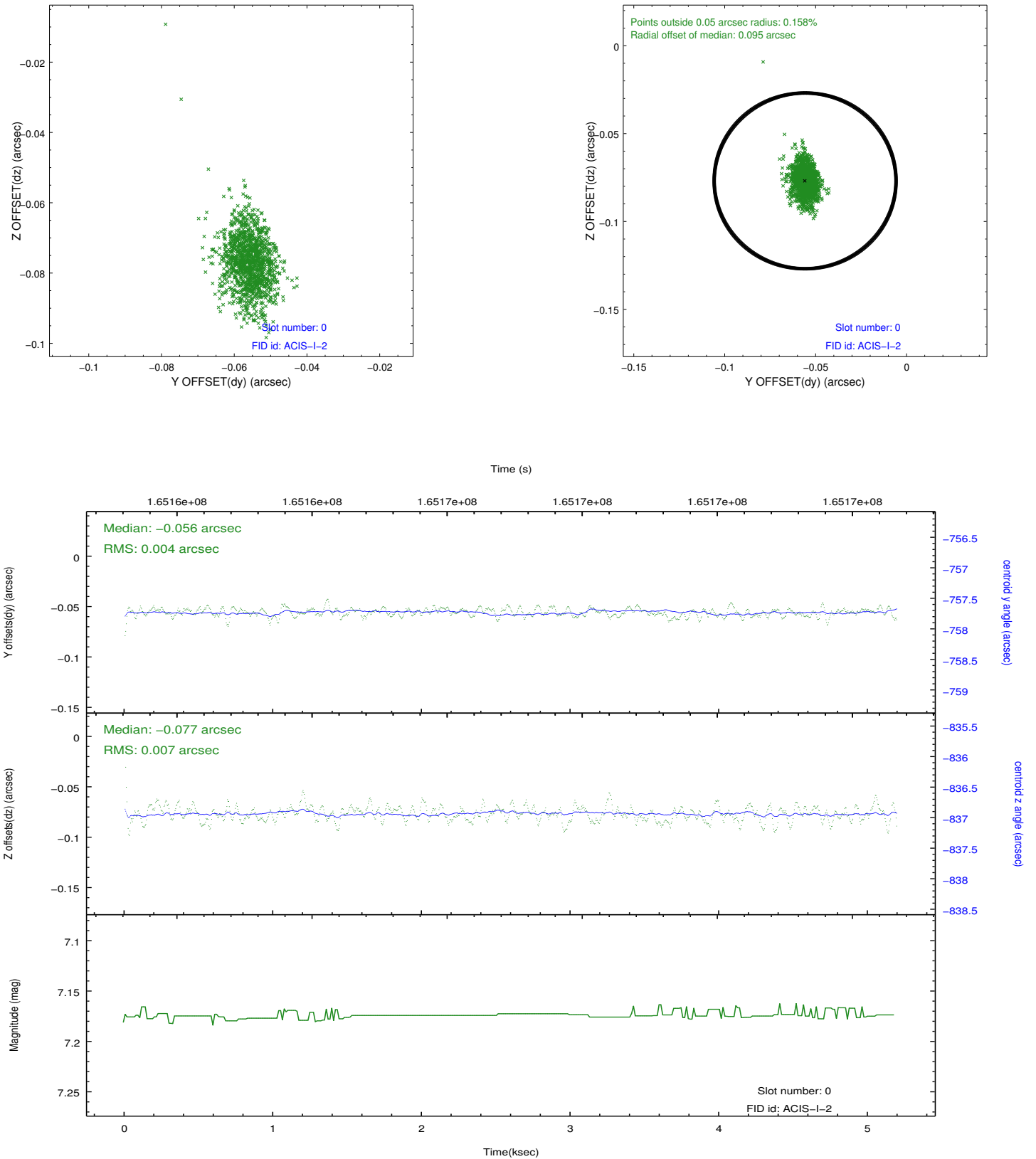


2.4.5 Slot 7

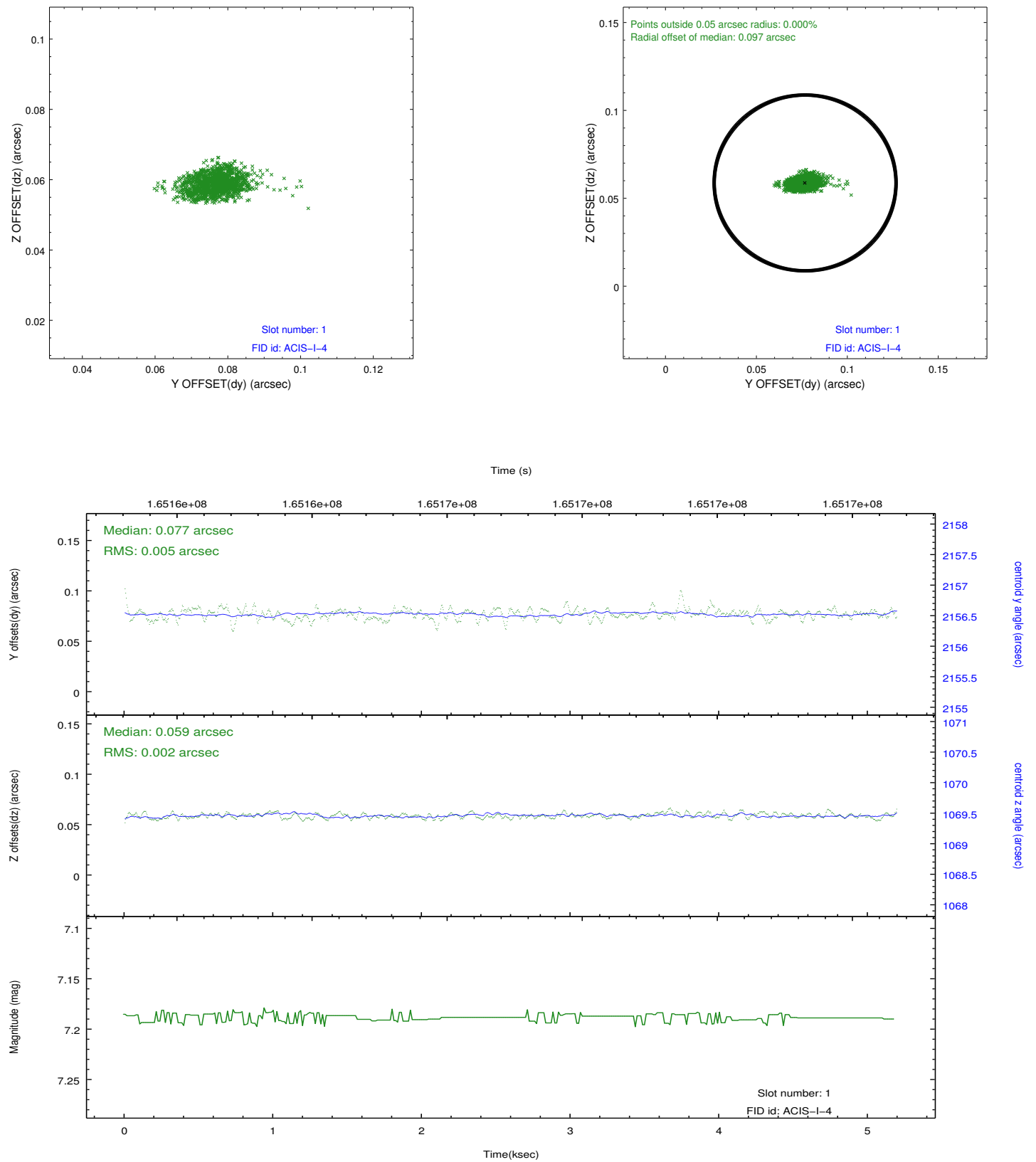


2.5 FID Slots

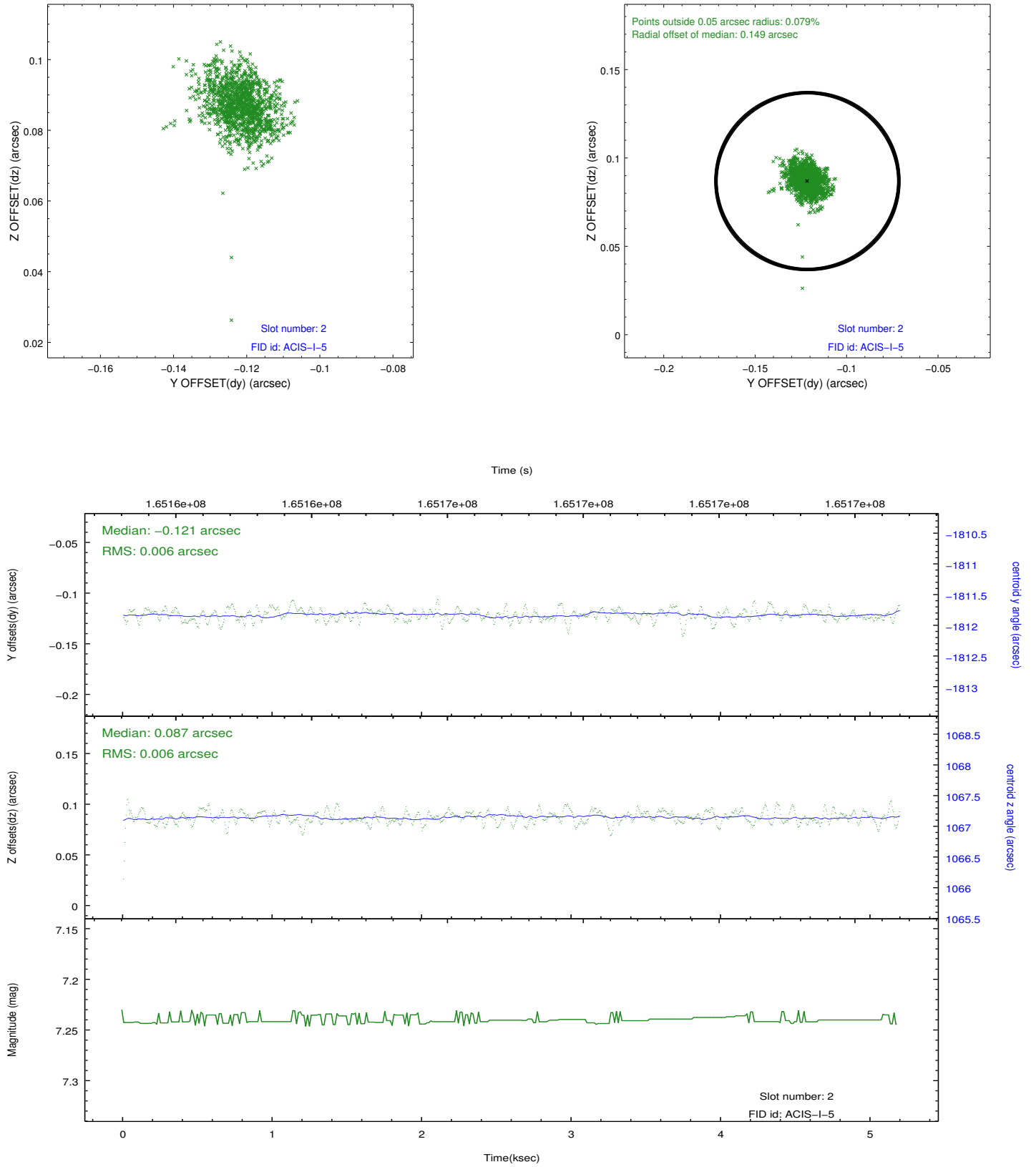
2.5.1 Slot 0



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	4.777

A.2 Comments