

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 6994 - L2 Version 3
Chandra X-Ray Center

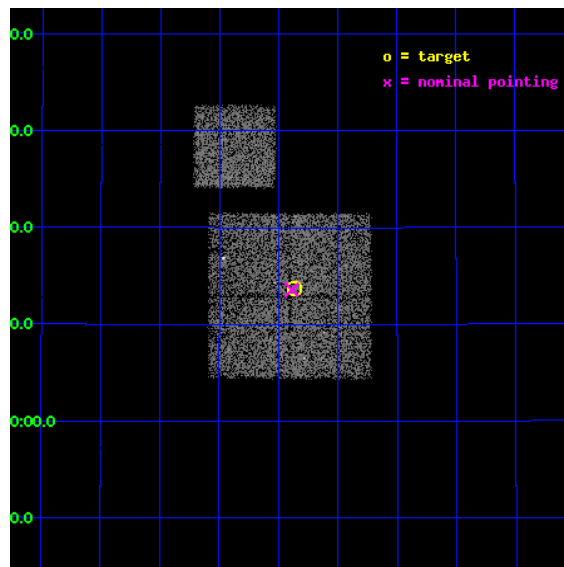
L2 Processing Date : Dec 31 2012

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1 Front

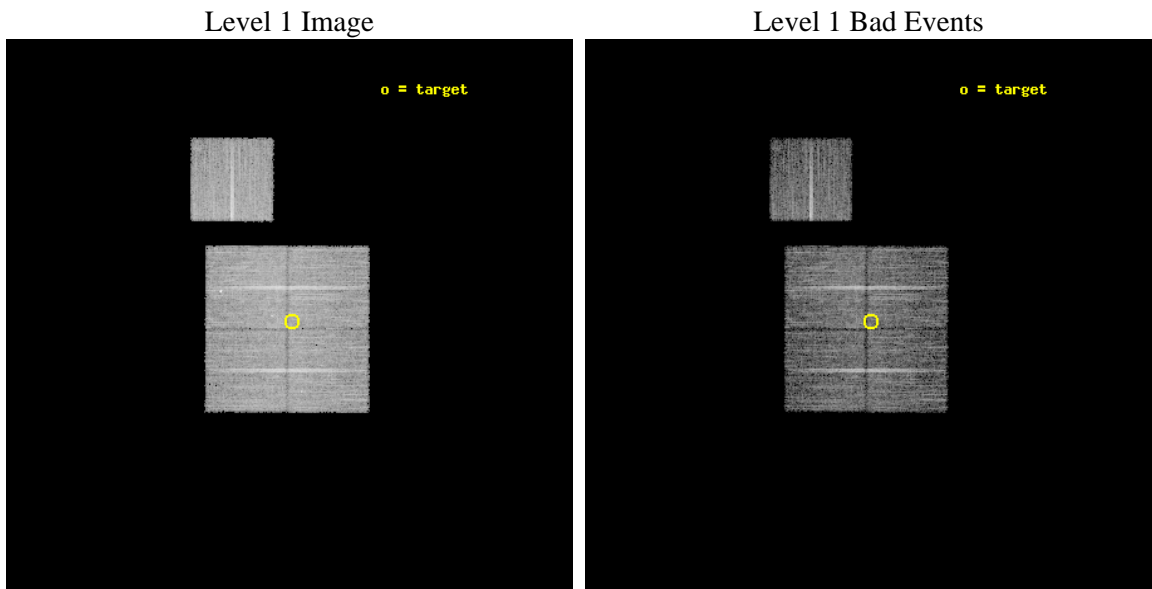
seq_num	900410	Sequence number
obs_id	6994	Observation id
title	Chandra Large Scale Survey of the NOAO Bootes Deep Field (A)	Propo
observer	Dr. Stephen Murray	Principal investigator
object	Bootes2 16	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	217.841792	Observer's specified target RA [deg]
dec_targ	34.228083	Observer's specified target Dec [deg]
ra_nom	217.84693004028	Nominal RA [deg]
dec_nom	34.226289209534	Nominal Dec [deg]
roll_nom	0.20576940210817	Nominal Roll [deg]
revision	3	Processing version of data
ontime	10050.199980646	Sum of GTIs [s]
livetime	9918.8867190496	Livetime [s]
ontime0	10043.918020248	Sum of GTIs [s]
ontime1	10050.199980646	Sum of GTIs [s]
ontime2	10050.199980646	Sum of GTIs [s]
ontime3	10050.199980646	Sum of GTIs [s]
ontime6	10050.199980646	Sum of GTIs [s]
l2events	25426	Number of level 2 events



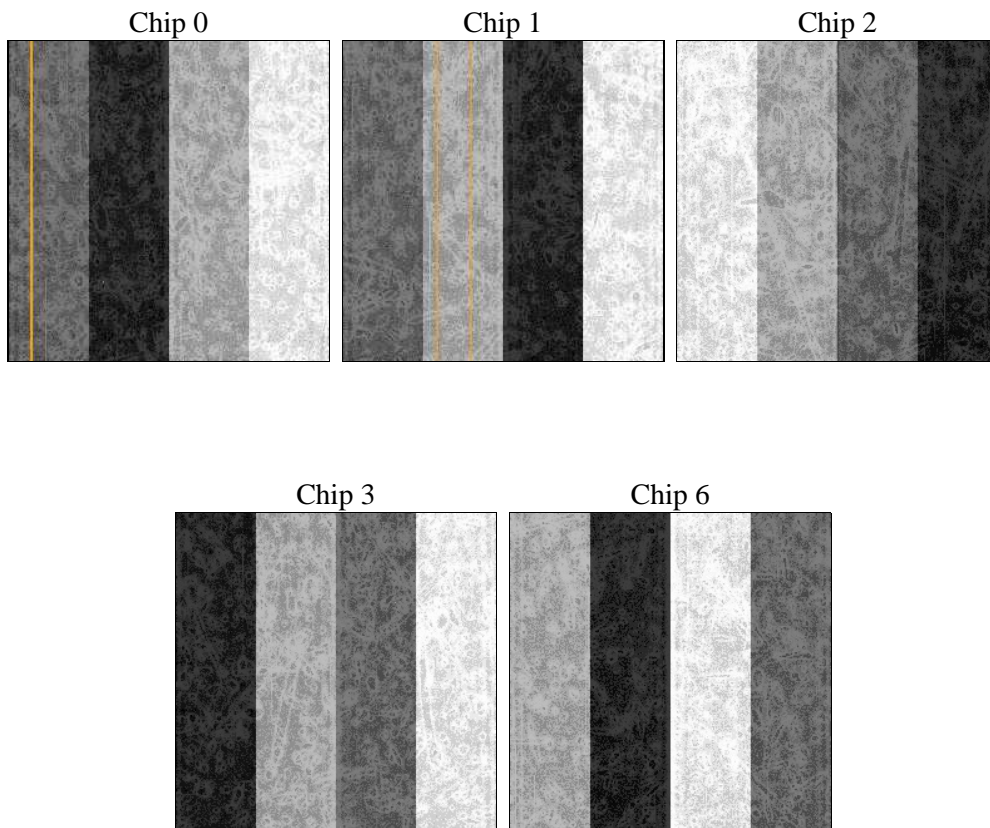
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	10000.000000	[s] Scheduled observation exposure time
ascdsver	8.5.1.1	Processing system revision	ontime	10050.199980646	Sum of GTIs [s]
caldbver	4.5.5	 	ontime0	10043.918020248	Sum of GTIs [s]
date	2012-12-31T09:30:21	Date and time of file creation	ontime1	10050.199980646	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	10050.199980646	Sum of GTIs [s]
			ontime3	10050.199980646	Sum of GTIs [s]
			ontime6	10050.199980646	Sum of GTIs [s]
			l1events	314040	Number of level 1 events

2.1.4 Events

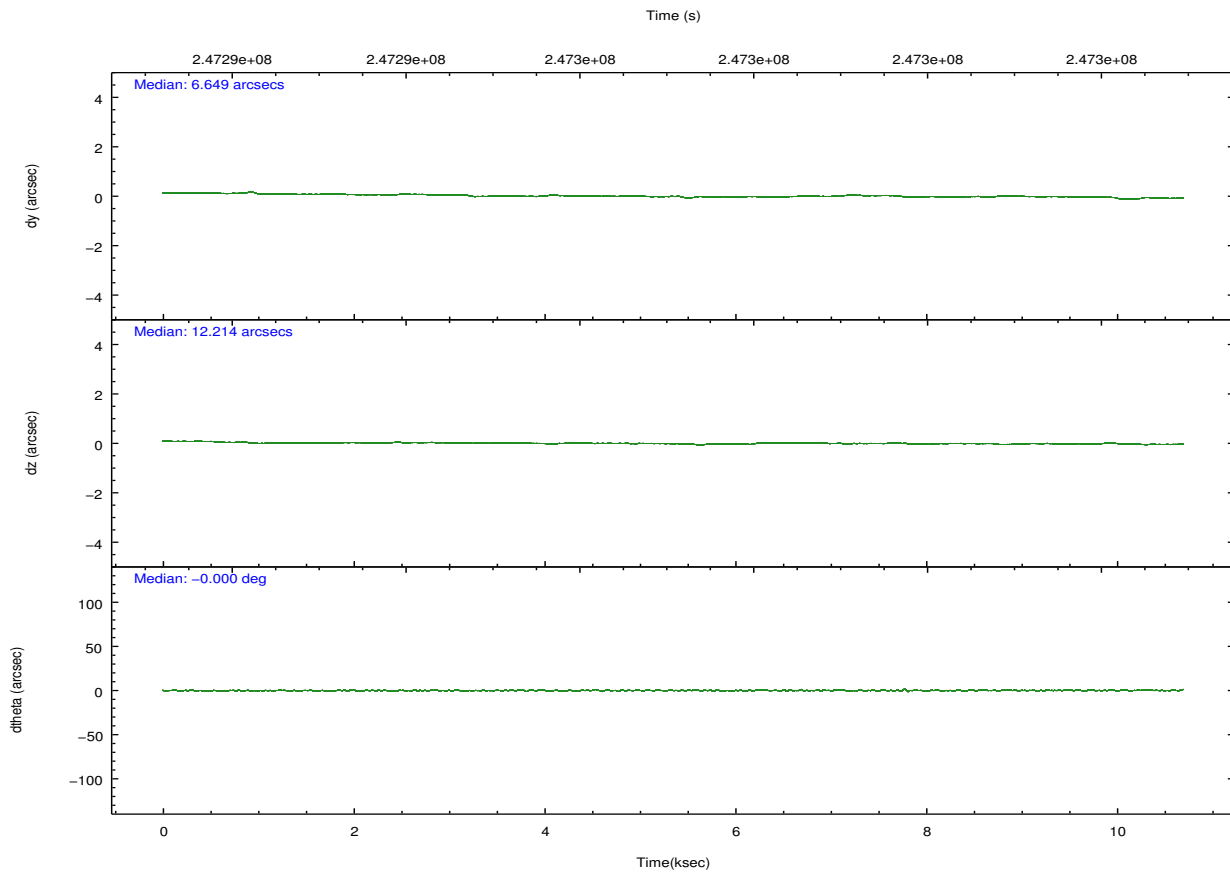
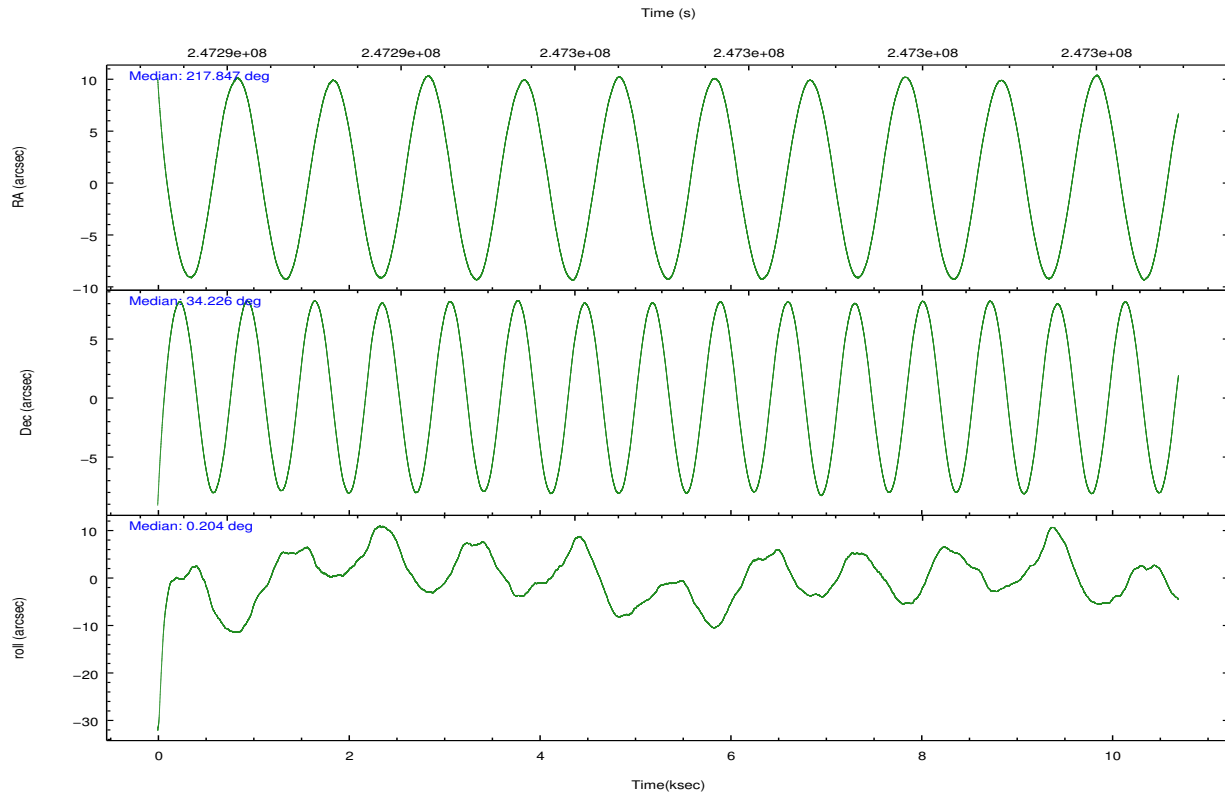
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	57598	59373	71324	62489	63256
rejected events	51527	52842	64851	56902	56822
rejected %	89%	89%	90%	91%	89%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	2175	2304	2703	2027	2365
	3%	3%	3%	3%	3%
grade 1 events	28	25	34	41	26
	0%	0%	0%	0%	0%
grade 2 events	1430	1415	1456	1207	1345
	2%	2%	2%	1%	2%
grade 3 events	685	807	643	640	682
	1%	1%	0%	1%	1%
grade 4 events	690	756	668	645	727
	1%	1%	0%	1%	1%
grade 5 events	1728	2016	1679	2199	2054
	3%	3%	2%	3%	3%
grade 6 events	1091	1252	1004	1071	1315
	1%	2%	1%	1%	2%
grade 7 events	49771	50798	63137	54659	54742
	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	217.818426	217.8469300402834	Subarray requested	NONE	NONE
[deg] Pointing Dec	34.212421	34.22628920953363	Alternating exposures requested	N	N
[deg] Pointing Roll	0.013144	0.2057694021081699	[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)	247292418.184000	247291233.5145			
Observation start date	2005-11-02T04:19:14	2005-11-02T04:00:33			
[s] Observation end time (MET)	247302418.184000	247303487.39007			
Observation end date	2005-11-02T07:05:54	2005-11-02T07:24:47			
Read mode	TIMED	TIMED			

2.3 Aspect

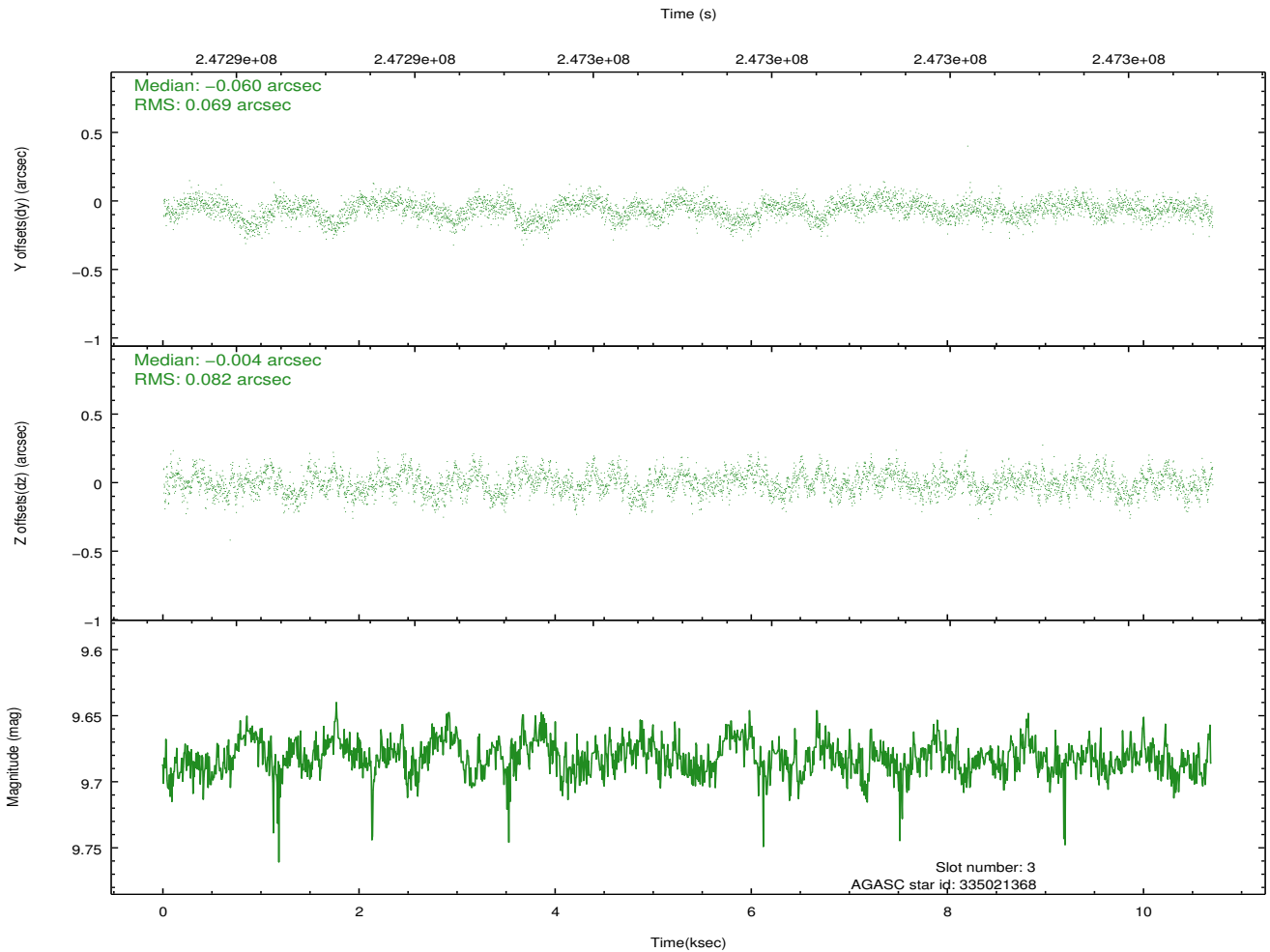
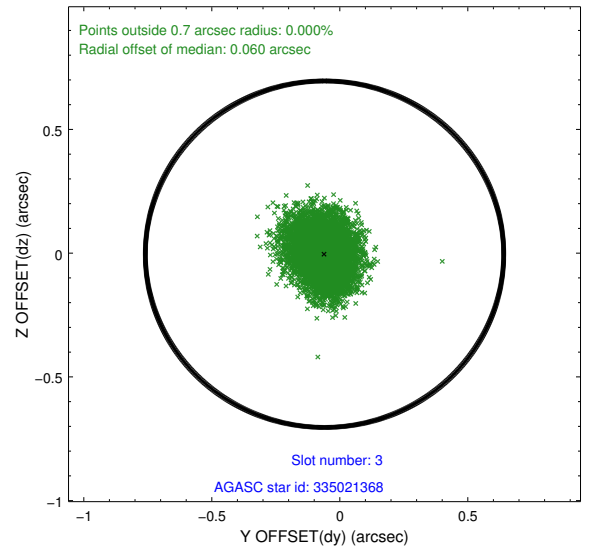
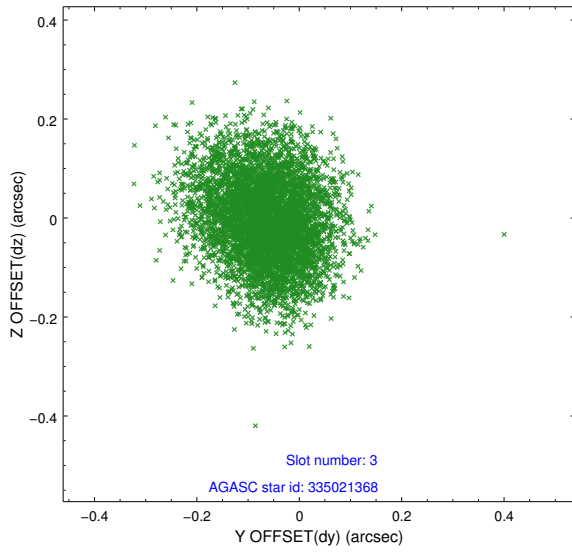


Slot Statistics

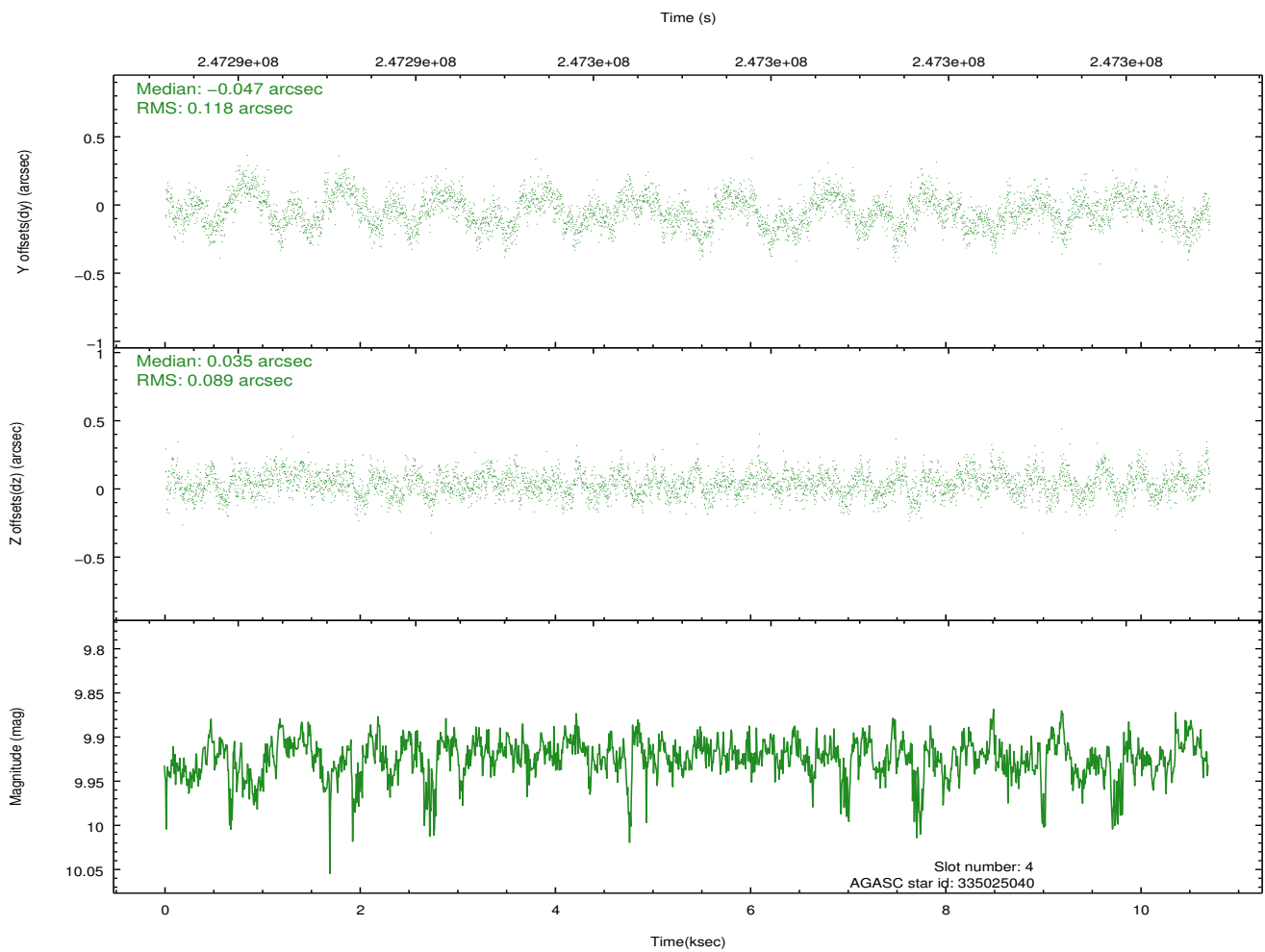
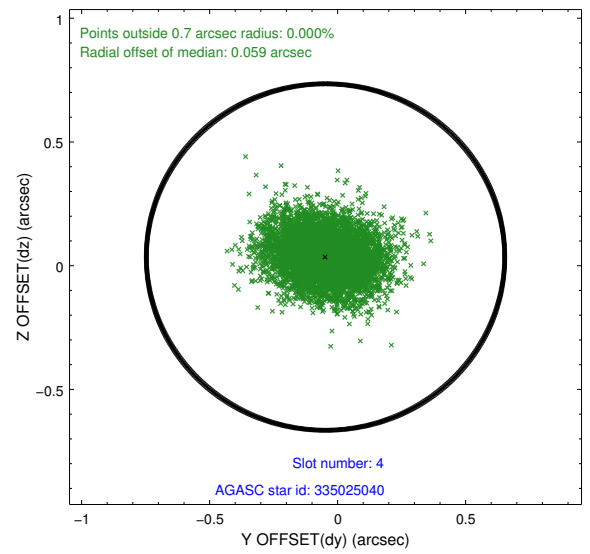
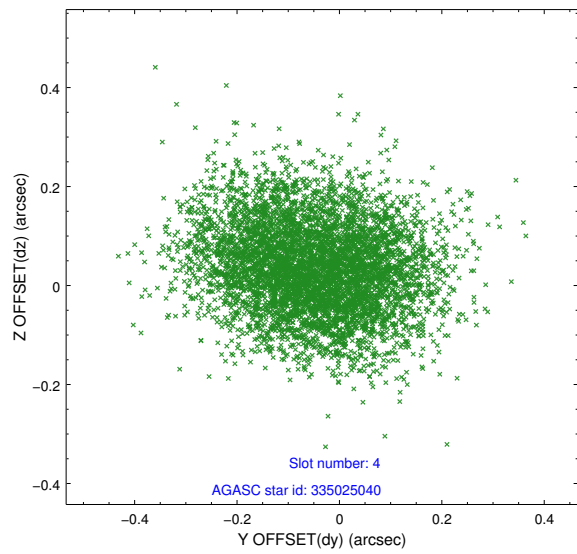
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	2610	0.046	-0.007	0.006	0.011	0.000000	0.000000	933.05	-835.78
1	FID	ACIS-I-5	7.22	2610	-0.159	0.067	0.006	0.011	0.000000	0.000000	-1814.95	1061.61
2	FID	ACIS-I-6	7.25	2610	0.022	0.011	0.007	0.012	0.000000	0.000000	398.11	1706.55
3	GUIDE	335021368	9.68	5213	-0.060	-0.004	0.114	0.183	217.529643	33.934817	-862.24	-997.80
4	GUIDE	335025040	9.92	5215	-0.047	0.035	0.157	0.253	218.601670	34.305240	2329.60	342.68
5	GUIDE	335025848	9.73	5209	0.174	0.147	0.125	0.196	217.530531	33.778292	-860.61	-1561.09
6	GUIDE	335028336	9.46	5183	0.143	-0.123	0.109	0.184	217.189840	34.665629	-1860.35	1637.51
7	GUIDE	335028696	9.14	5210	-0.207	-0.058	0.089	0.141	217.260519	33.844112	-1668.42	-1320.61

2.4 Star Slots

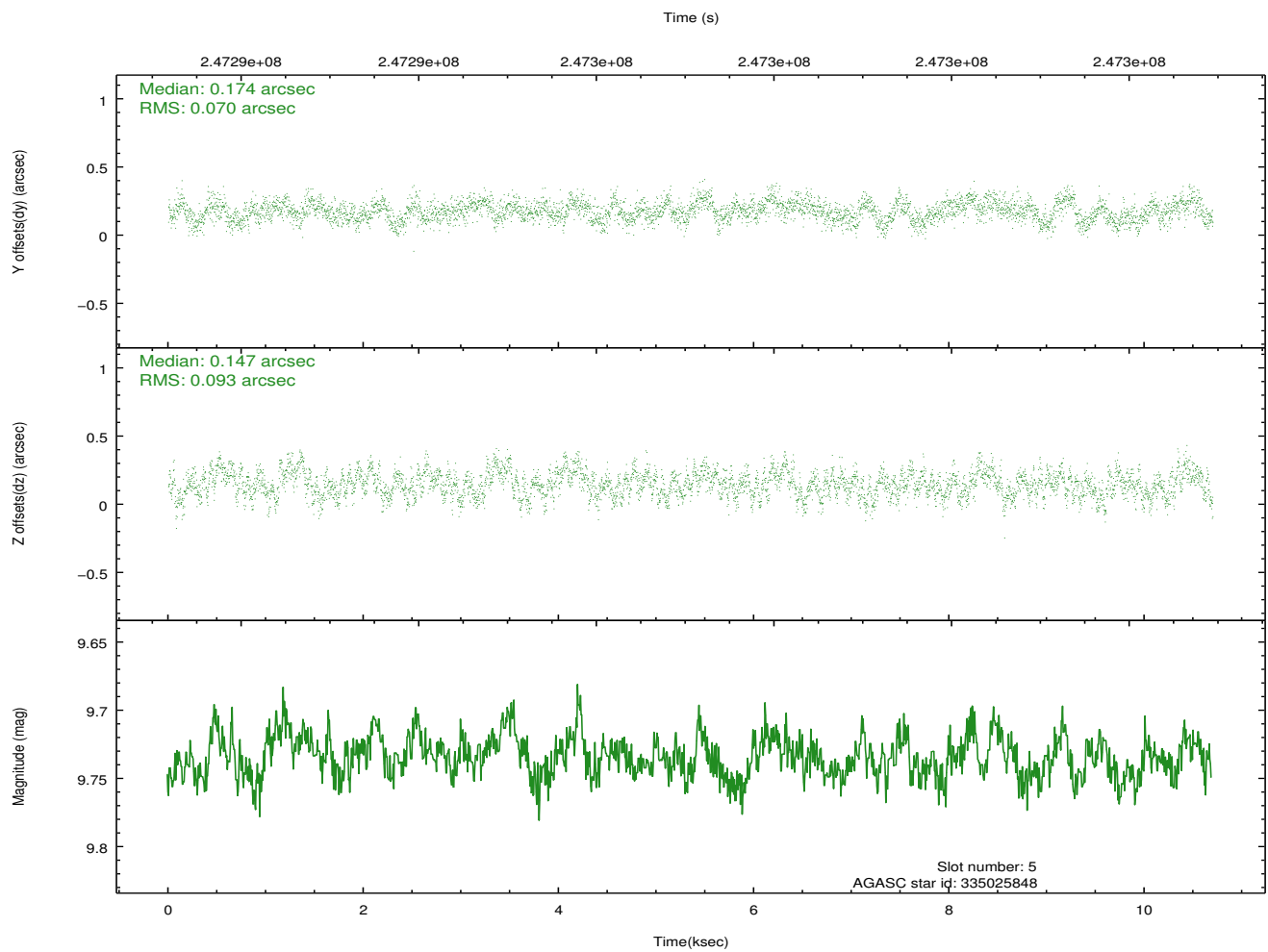
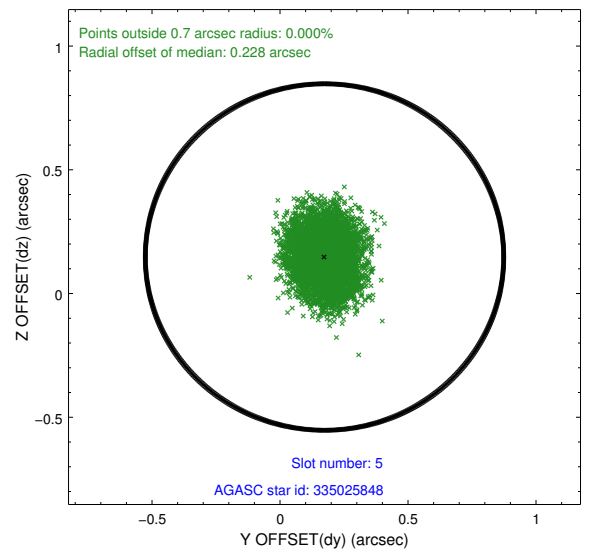
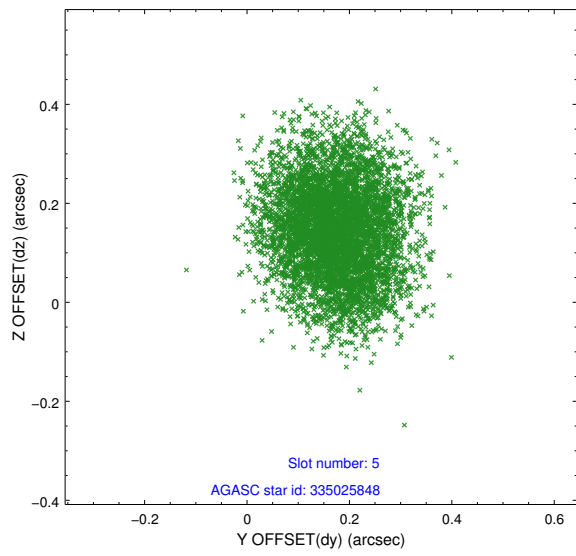
2.4.1 Slot 3



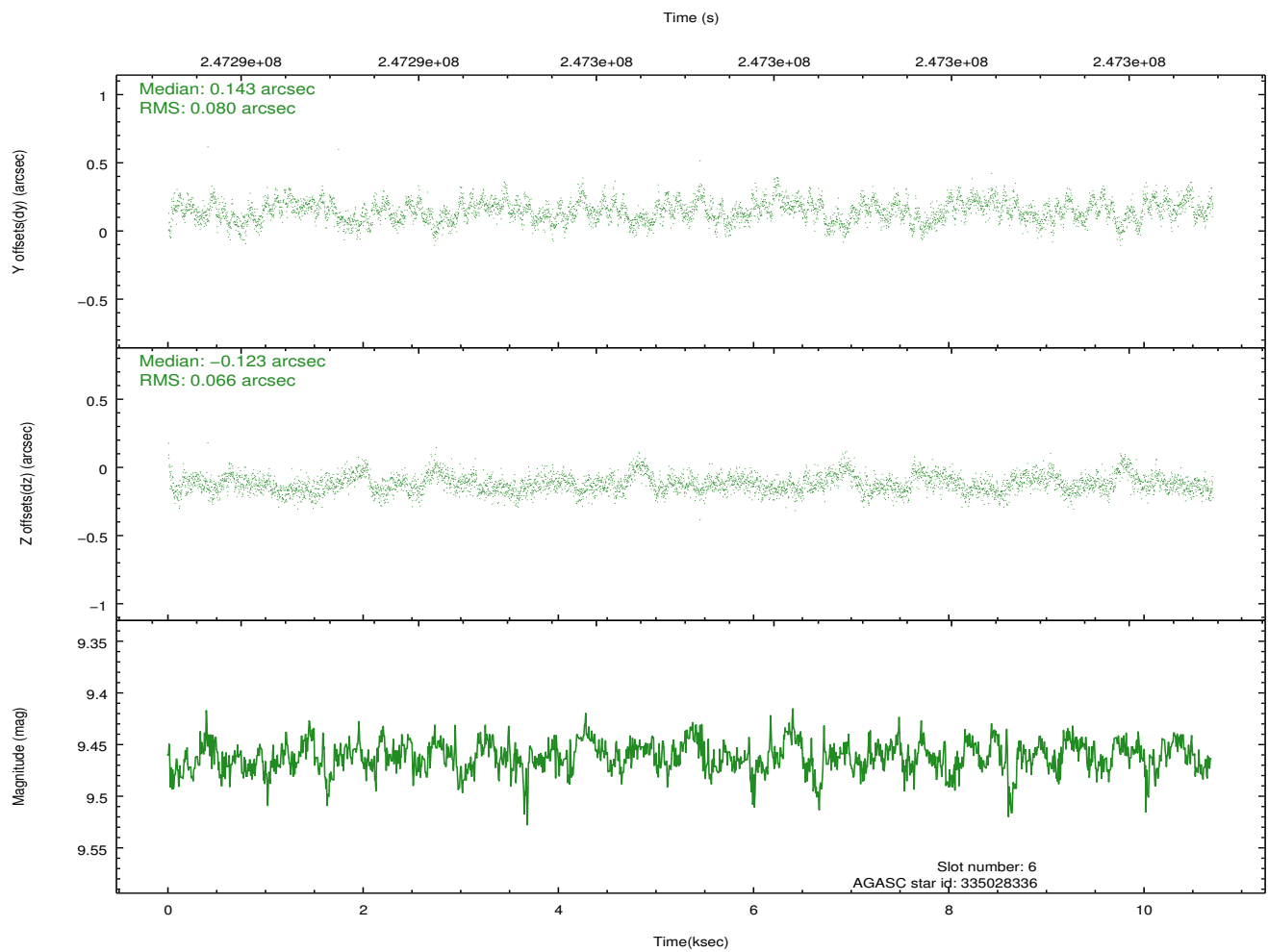
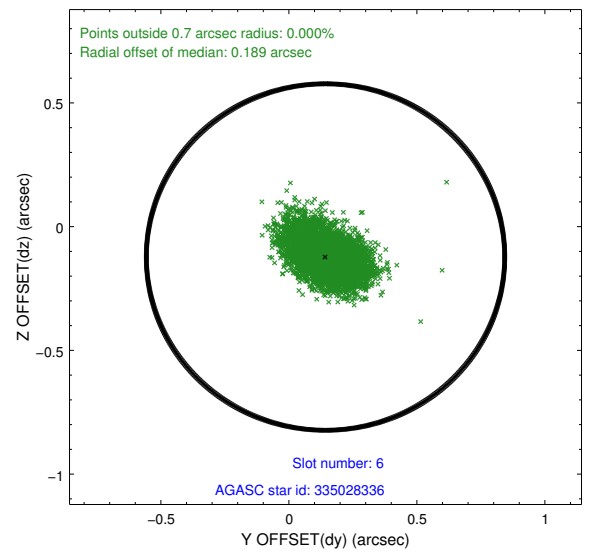
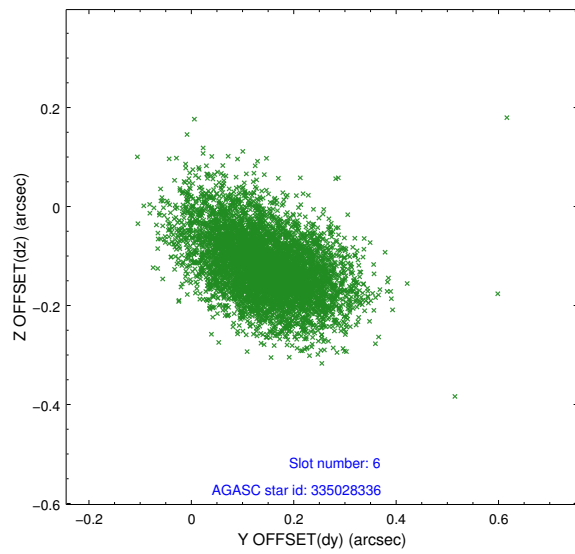
2.4.2 Slot 4



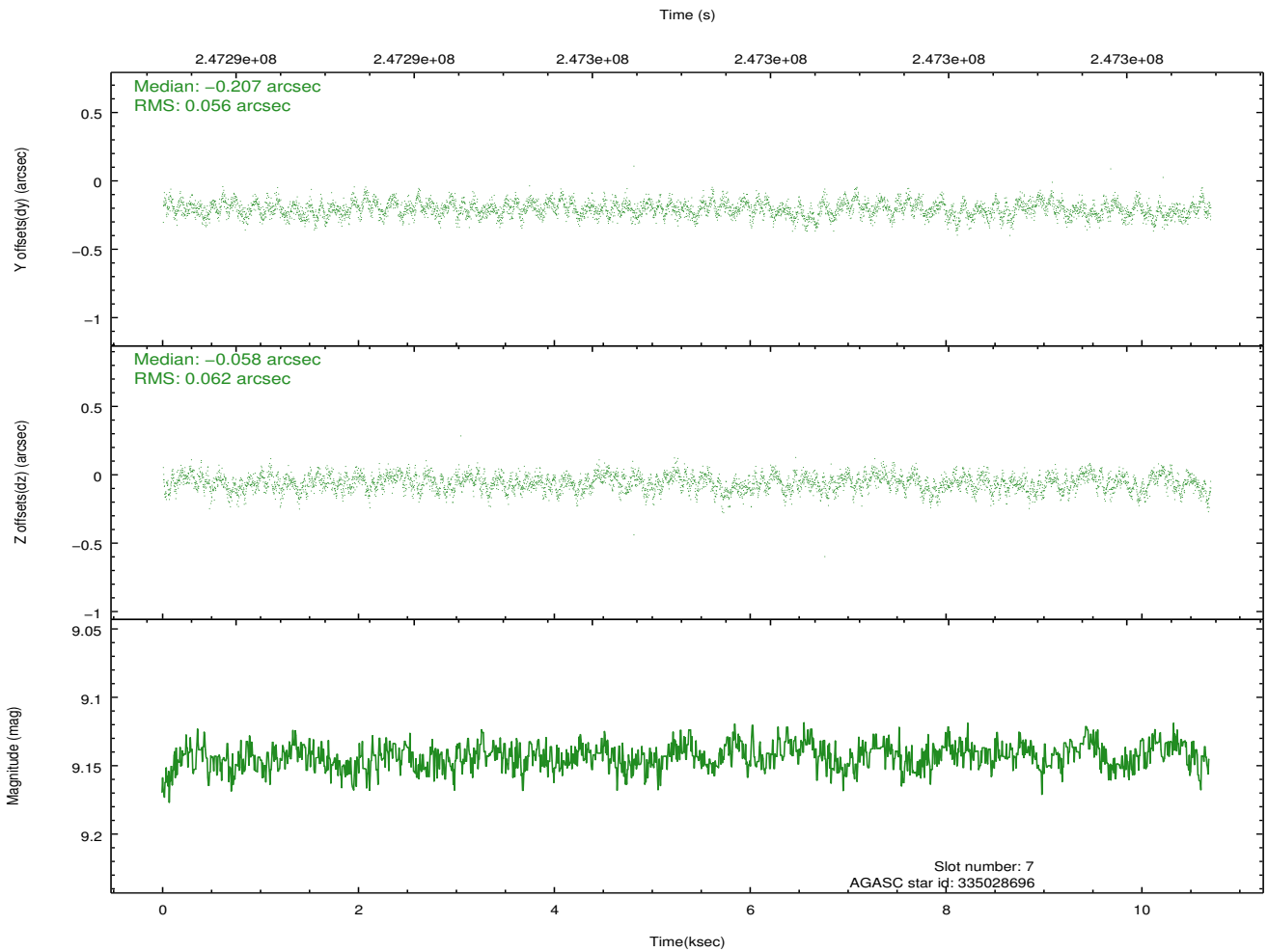
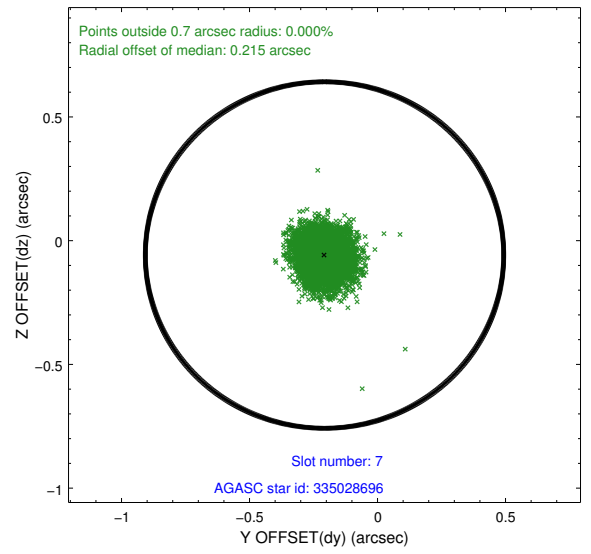
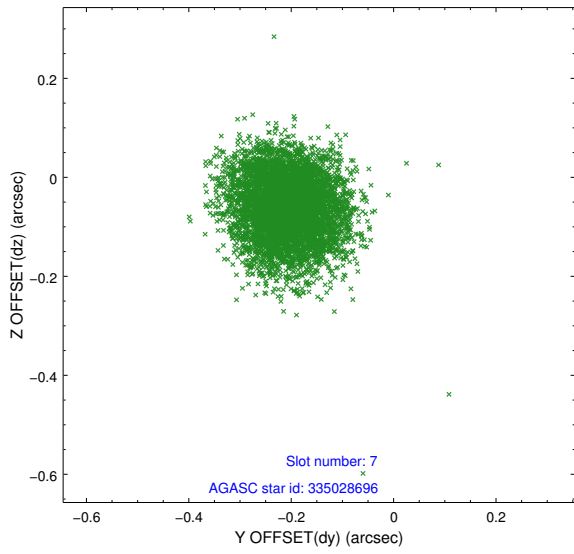
2.4.3 Slot 5



2.4.4 Slot 6

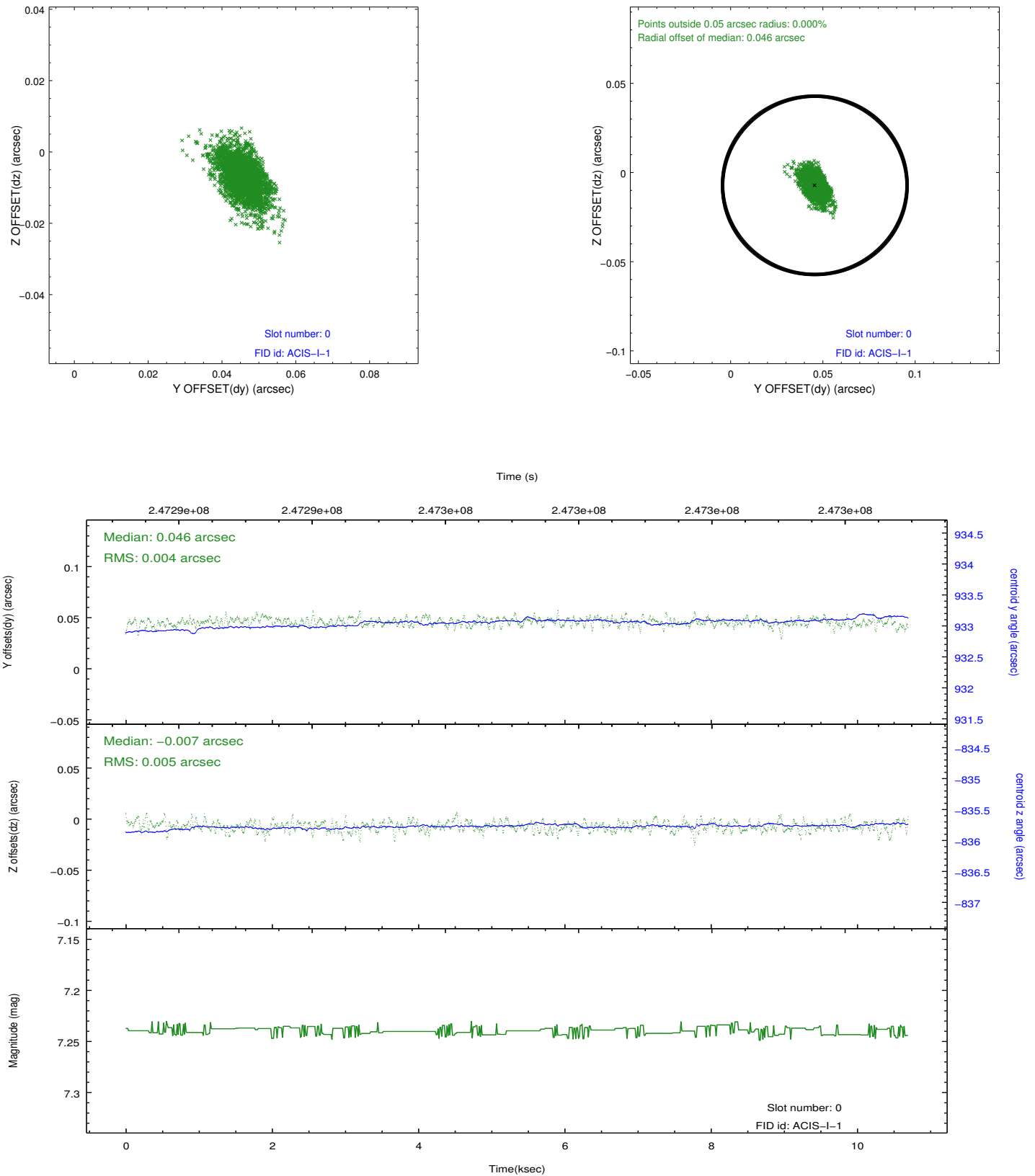


2.4.5 Slot 7

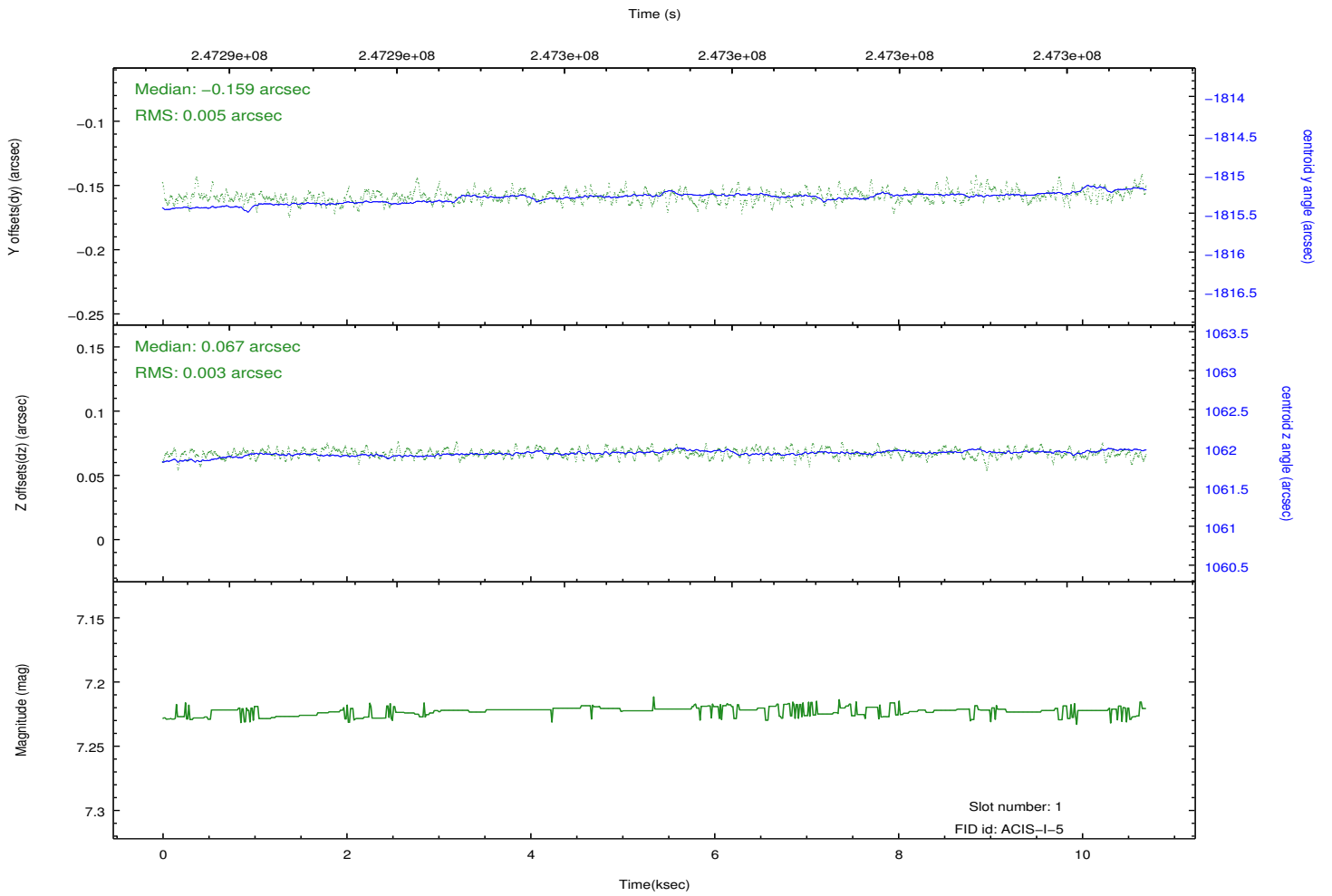
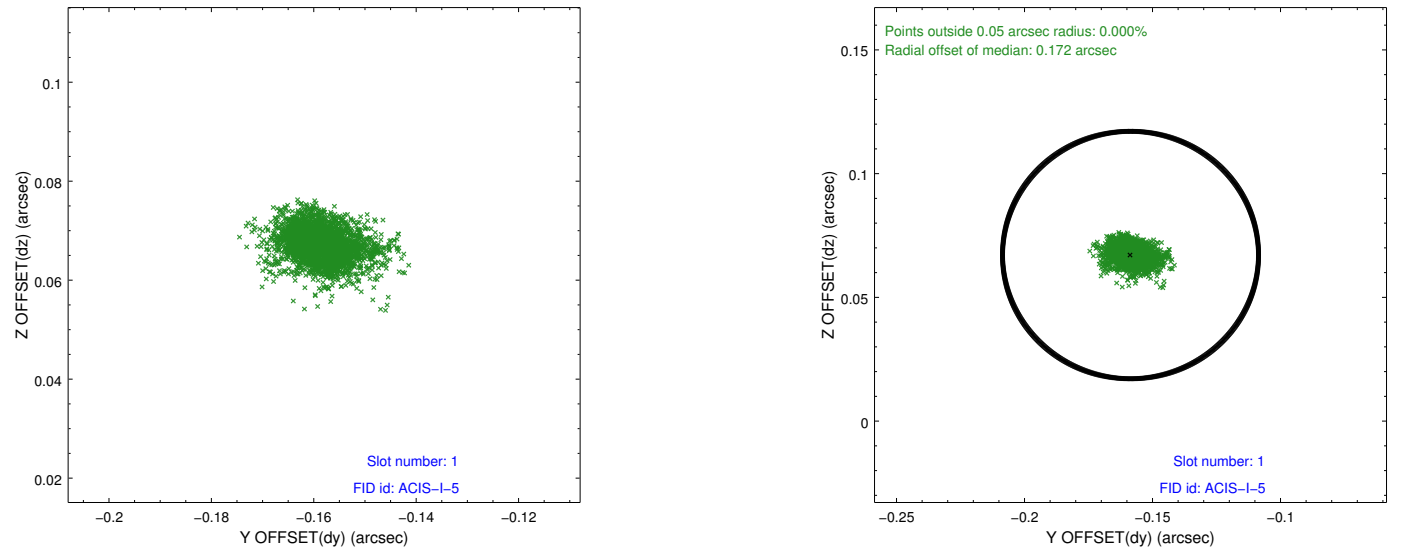


2.5 FID Slots

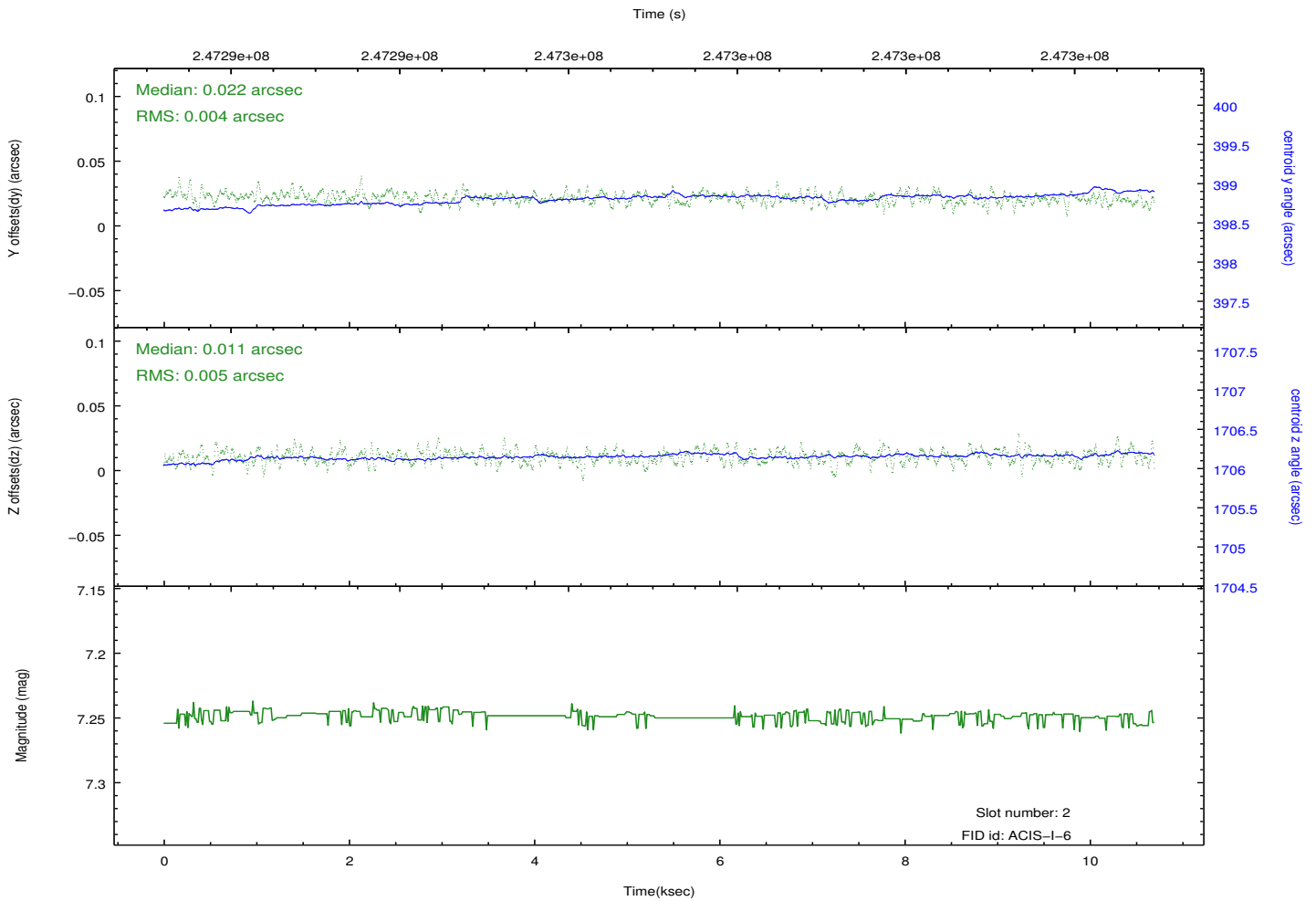
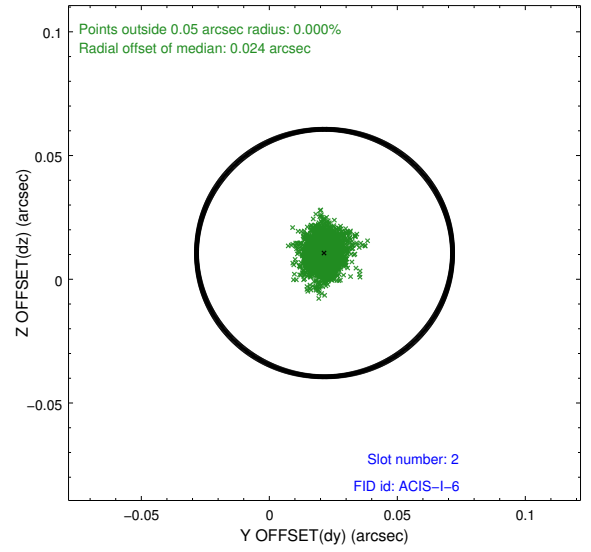
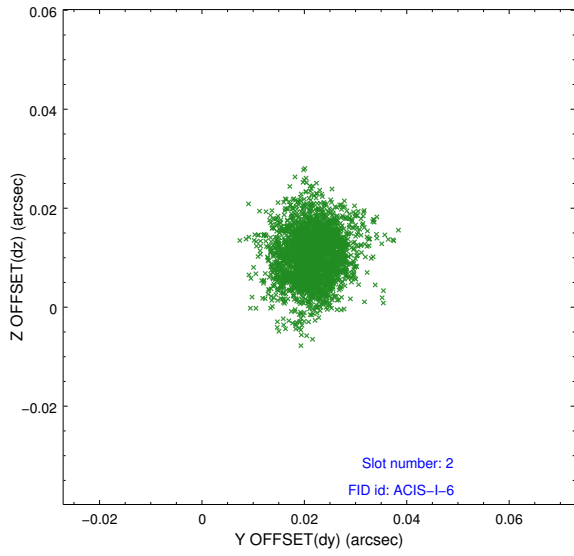
2.5.1 Slot 0



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)	2013.01.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.05019

A.2 Comments