

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 7380 - L2 Version 2
Chandra X-Ray Center

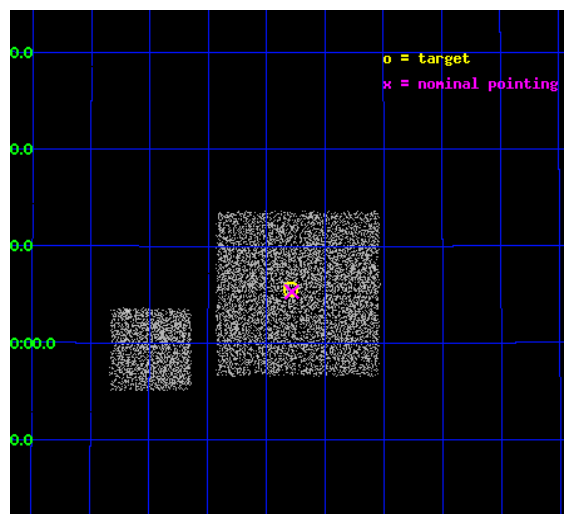
L2 Processing Date : Apr 7 2012

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1 Front

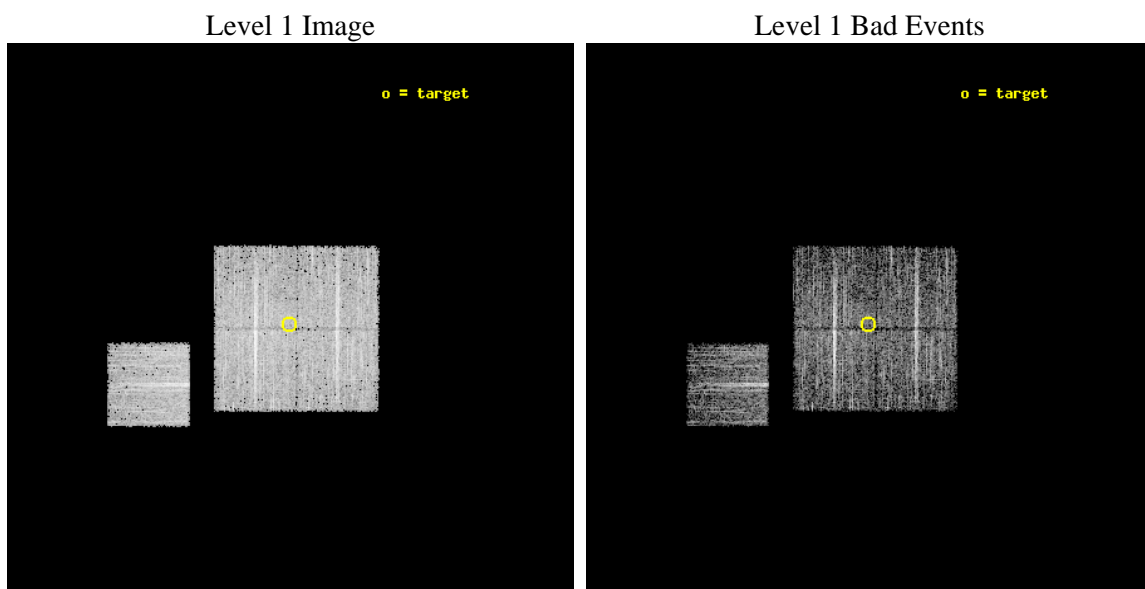
seq_num	900477	Sequence number
obs_id	7380	Observation id
title	Chandra Large Scale Survey of the NOAO Bootes Deep Field (A)	Propo
observer	Dr Stephen Murray	Principal investigator
object	Bootes2 23	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	216.94815	Observer's specified target RA [deg]
dec_targ	35.092641	Observer's specified target Dec [deg]
ra_nom	216.94599234838	Nominal RA [deg]
dec_nom	35.088275198788	Nominal Dec [deg]
roll_nom	270.20994920122	Nominal Roll [deg]
revision	2	Processing version of data
ontime	4476.3614788651	Sum of GTIs [s]
livetime	4417.8745206944	Livetime [s]
ontime0	4476.2383588552	Sum of GTIs [s]
ontime1	4476.2793988585	Sum of GTIs [s]
ontime2	4476.3204388618	Sum of GTIs [s]
ontime3	4476.3614788651	Sum of GTIs [s]
ontime6	4476.1973387599	Sum of GTIs [s]
l2events	12409	Number of level 2 events



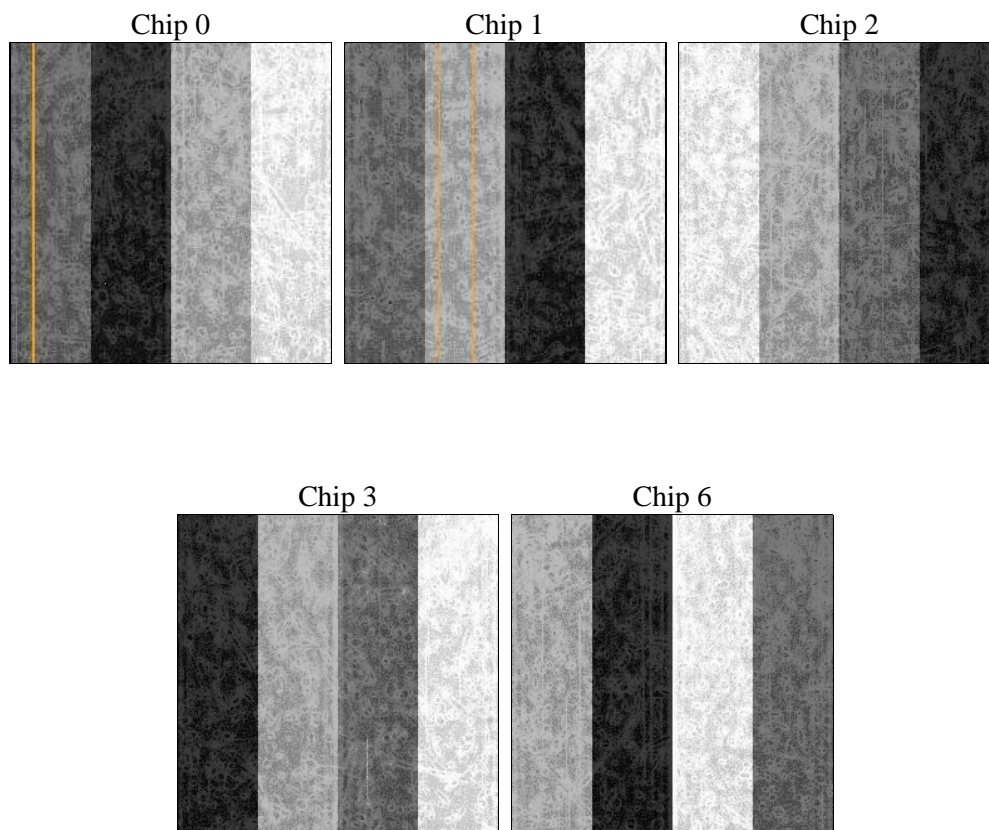
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	4700.000000	[s] Scheduled observation exposure time
ascdsver	8.4.3.1	Processing system revision	ontime	4476.3614788651	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	4476.2383588552	Sum of GTIs [s]
date	2012-04-07T10:31:39	Date and time of file creation	ontime1	4476.2793988585	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	4476.3204388618	Sum of GTIs [s]
			ontime3	4476.3614788651	Sum of GTIs [s]
			ontime6	4476.1973387599	Sum of GTIs [s]
			l1events	157587	Number of level 1 events

2.1.4 Events

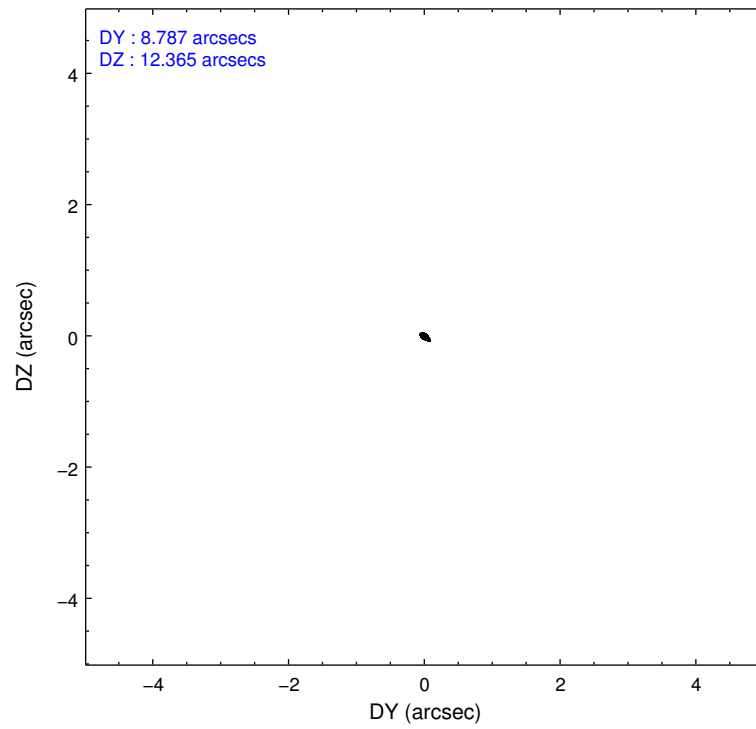
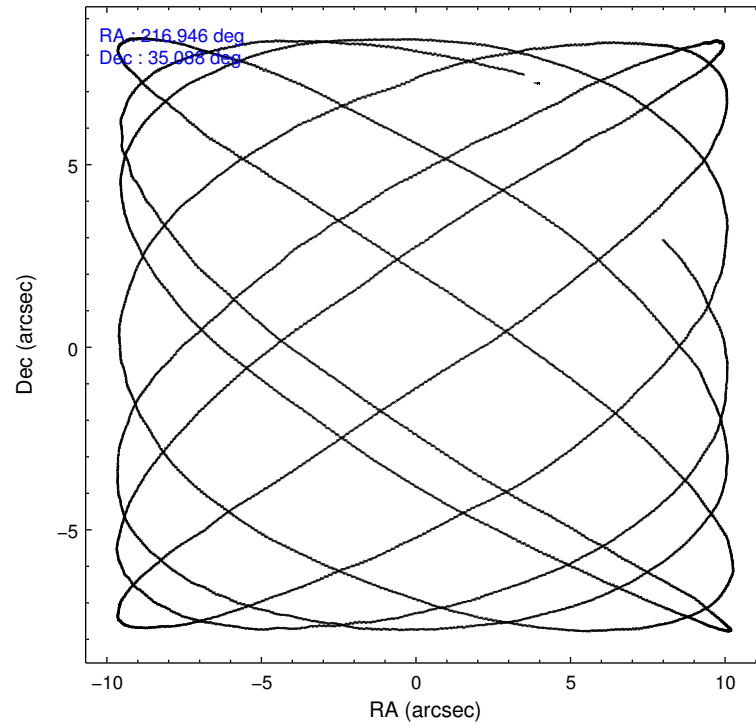
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	31147	29487	34534	30048	32371
rejected events	28020	26264	31539	27371	29169
rejected %	89%	89%	91%	91%	90%

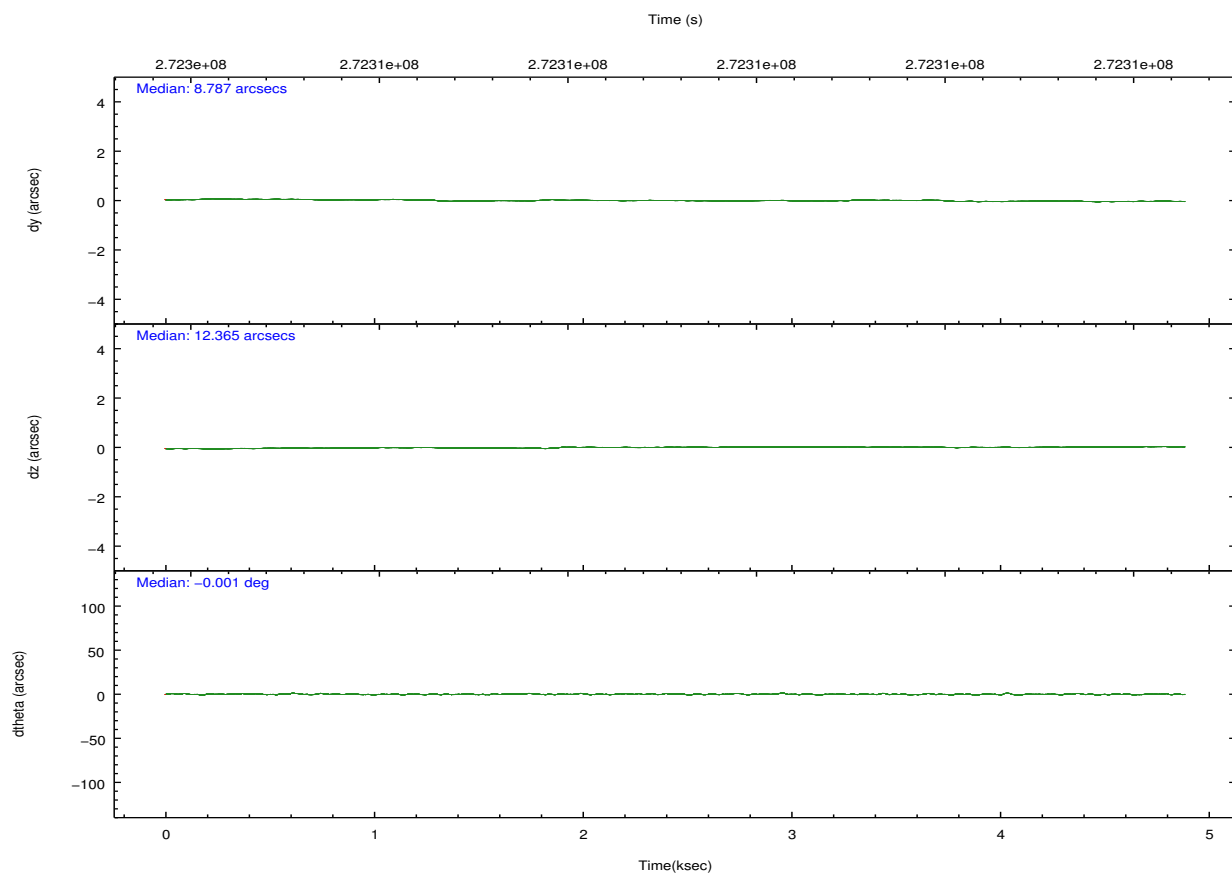
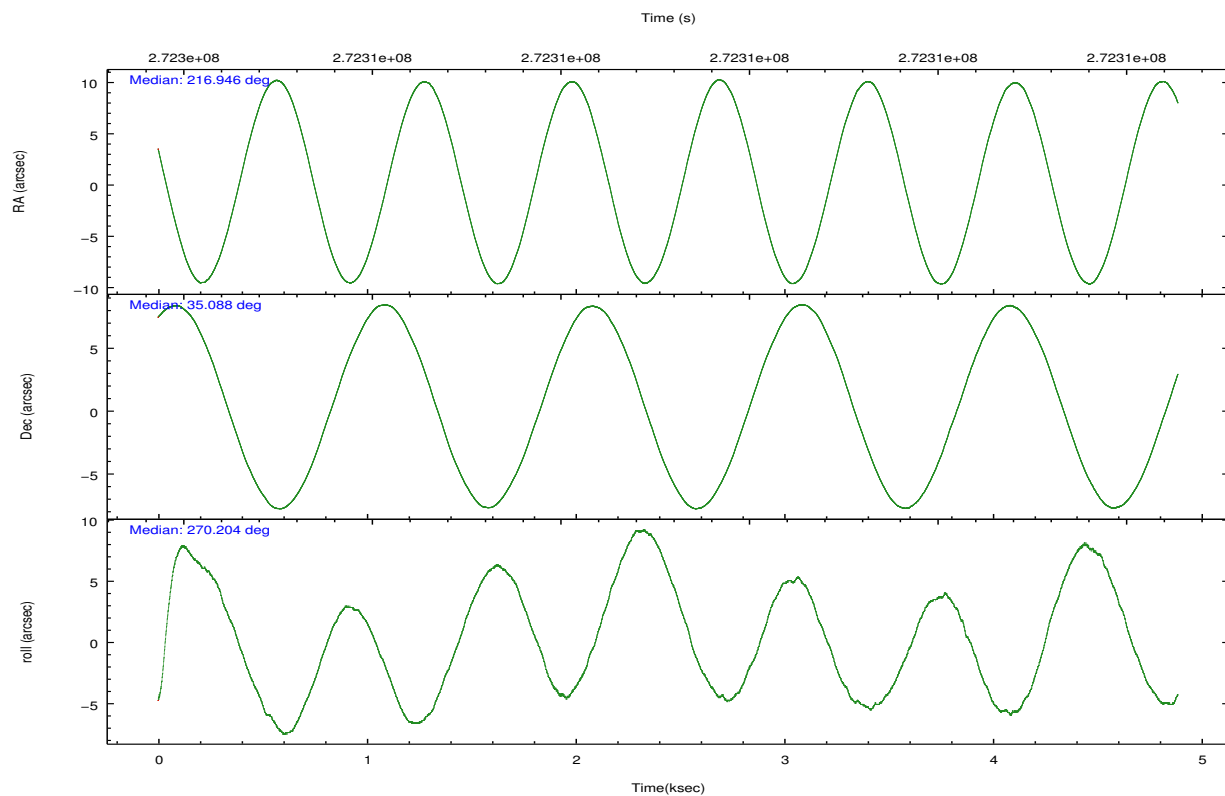
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	1158	1175	1107	1003	1151
	3%	3%	3%	3%	3%
grade 1 events	17	17	12	18	17
	0%	0%	0%	0%	0%
grade 2 events	784	690	695	566	682
	2%	2%	2%	1%	2%
grade 3 events	368	396	313	310	355
	1%	1%	0%	1%	1%
grade 4 events	296	358	373	322	371
	0%	1%	1%	1%	1%
grade 5 events	902	1015	828	1042	1046
	2%	3%	2%	3%	3%
grade 6 events	524	610	510	477	649
	1%	2%	1%	1%	2%
grade 7 events	27098	25226	30696	26310	28100
	87%	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	216.929042	216.9459923483817	Subarray requested	NONE	NONE
[deg] Pointing Dec	35.111936	35.08827519878828	Alternating exposures requested	N	N
[deg] Pointing Roll	270.011018	270.2099492012179	[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)	272305304.184000	272304928.26618			
Observation start date	2006-08-18T16:20:39	2006-08-18T16:15:28			
[s] Observation end time (MET)	272310004.184000	272310137.82893			
Observation end date	2006-08-18T17:38:59	2006-08-18T17:42:17			
Read mode	TIMED	TIMED			

2.3 Aspect



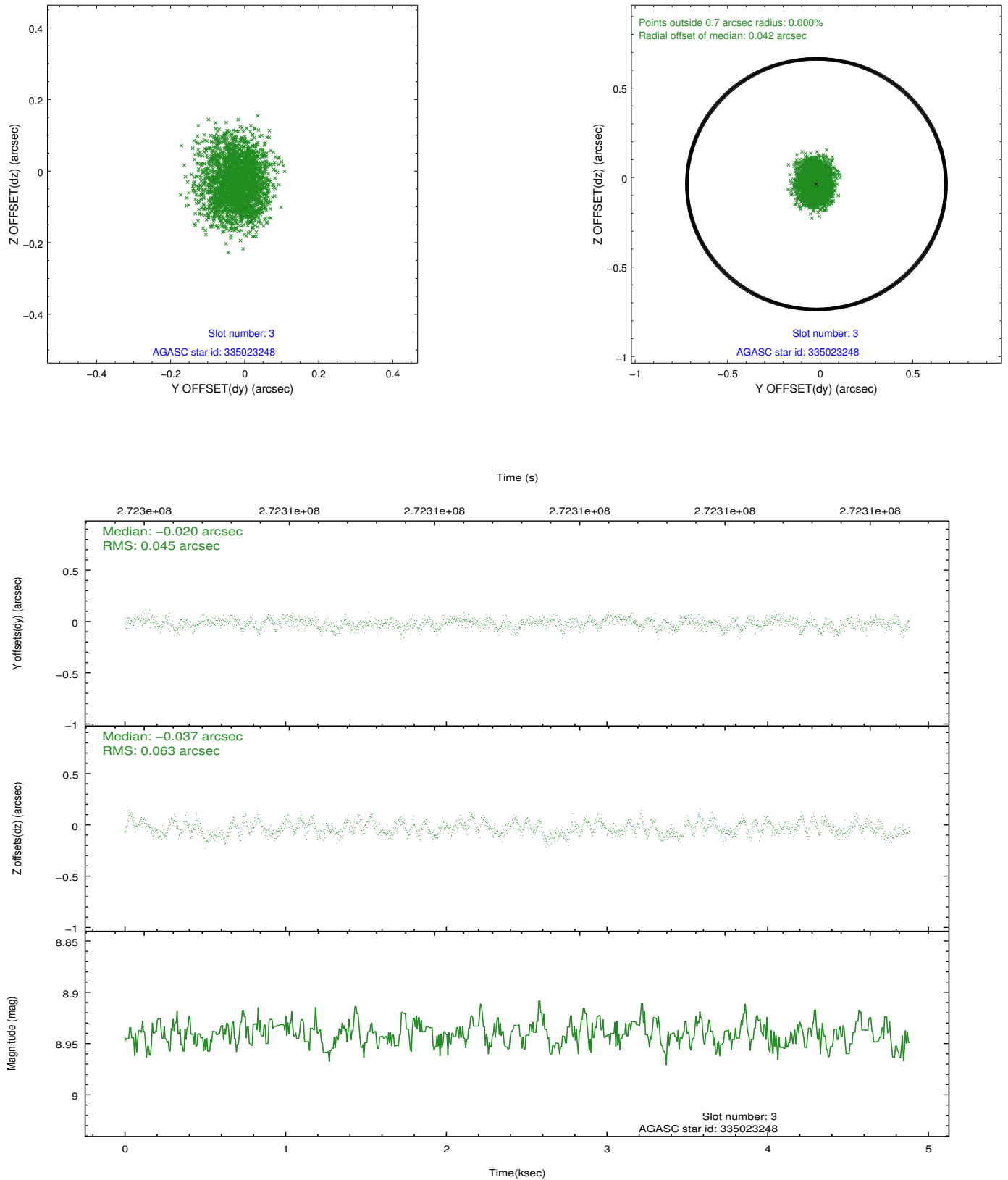


Slot Statistics

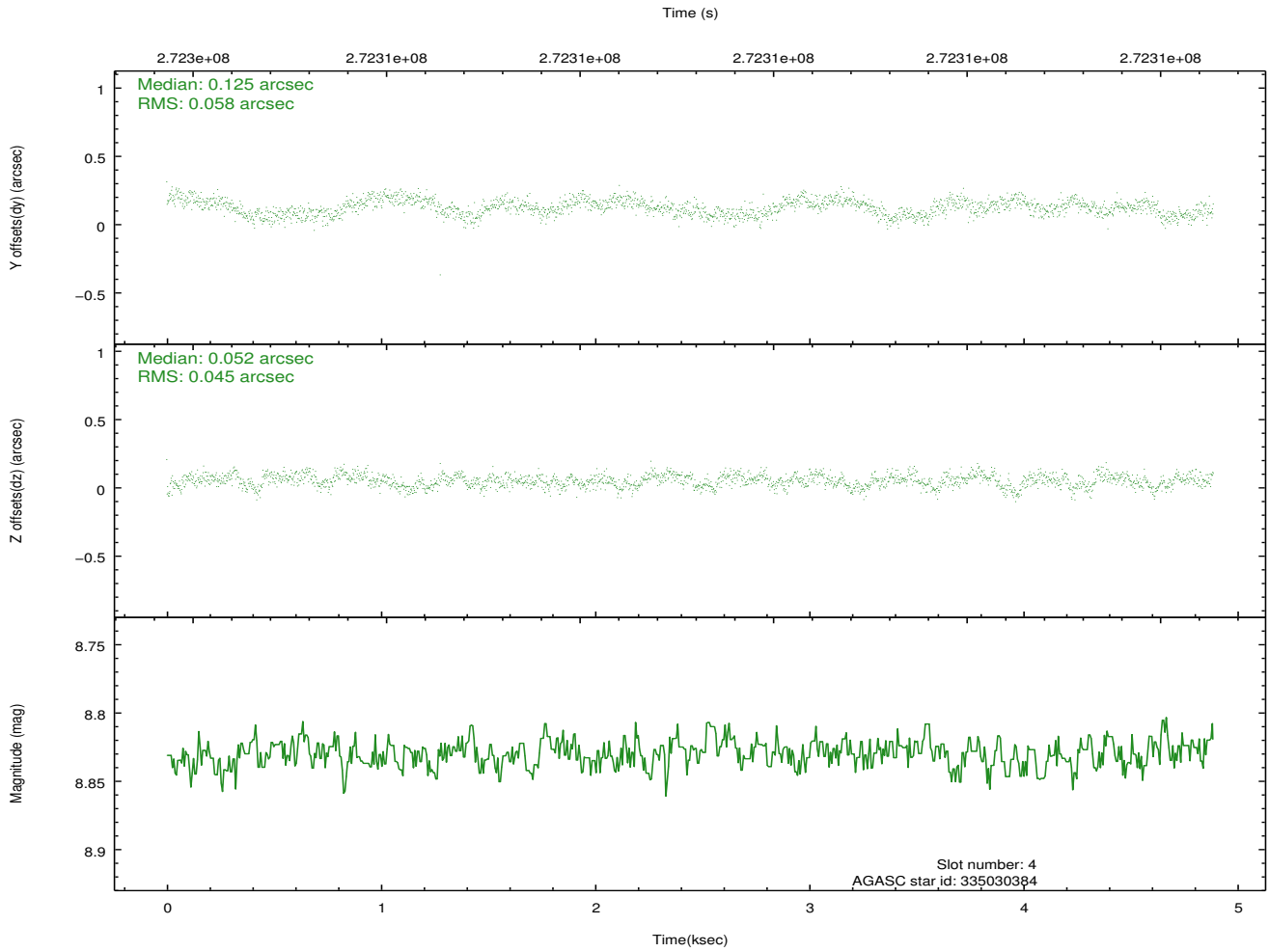
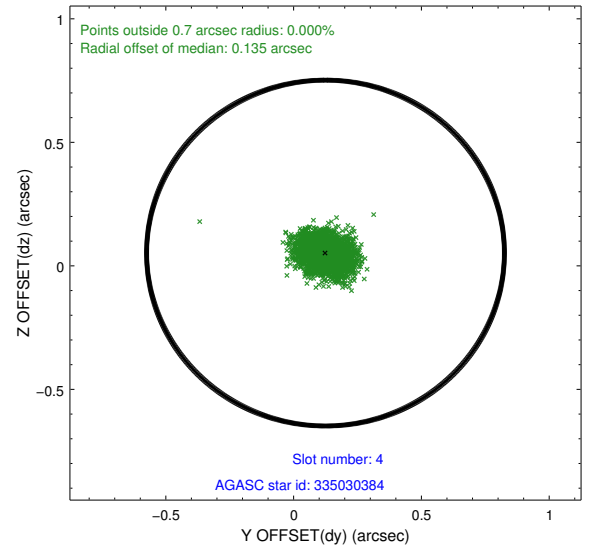
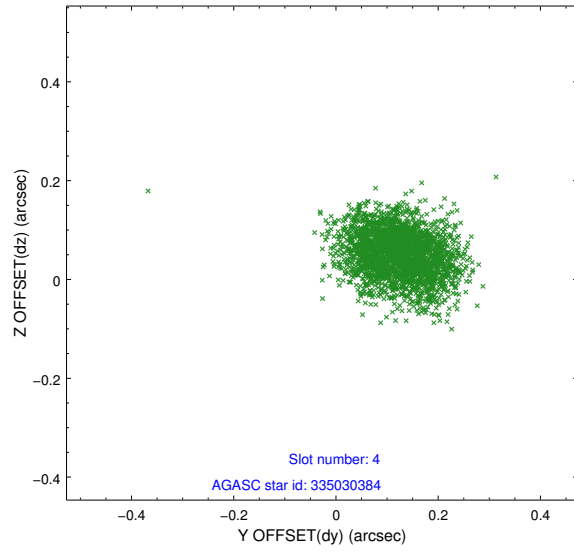
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	1192	0.058	-0.042	0.007	0.011	0.000000	0.000000	930.89	-835.94
1	FID	ACIS-I-5	7.23	1193	-0.201	0.061	0.006	0.011	0.000000	0.000000	-1816.76	1061.06
2	FID	ACIS-I-6	7.23	1192	0.051	0.051	0.006	0.011	0.000000	0.000000	395.10	1706.94
3	GUIDE	335023248	8.94	2385	-0.020	-0.037	0.082	0.133	217.634832	34.944512	595.64	2082.82
4	GUIDE	335030384	8.83	2383	0.125	0.052	0.078	0.124	216.806407	34.722197	1403.27	-361.93
5	GUIDE	335414448	7.35	2385	-0.172	-0.013	0.080	0.121	216.992261	35.577204	-1673.92	185.70
6	GUIDE	335417968	9.38	2384	0.038	-0.057	0.098	0.157	217.358149	35.055285	200.77	1264.73
7	GUIDE	335422272	9.47	2381	0.037	0.046	0.104	0.163	217.586135	35.522660	-1484.90	1926.31

2.4 Star Slots

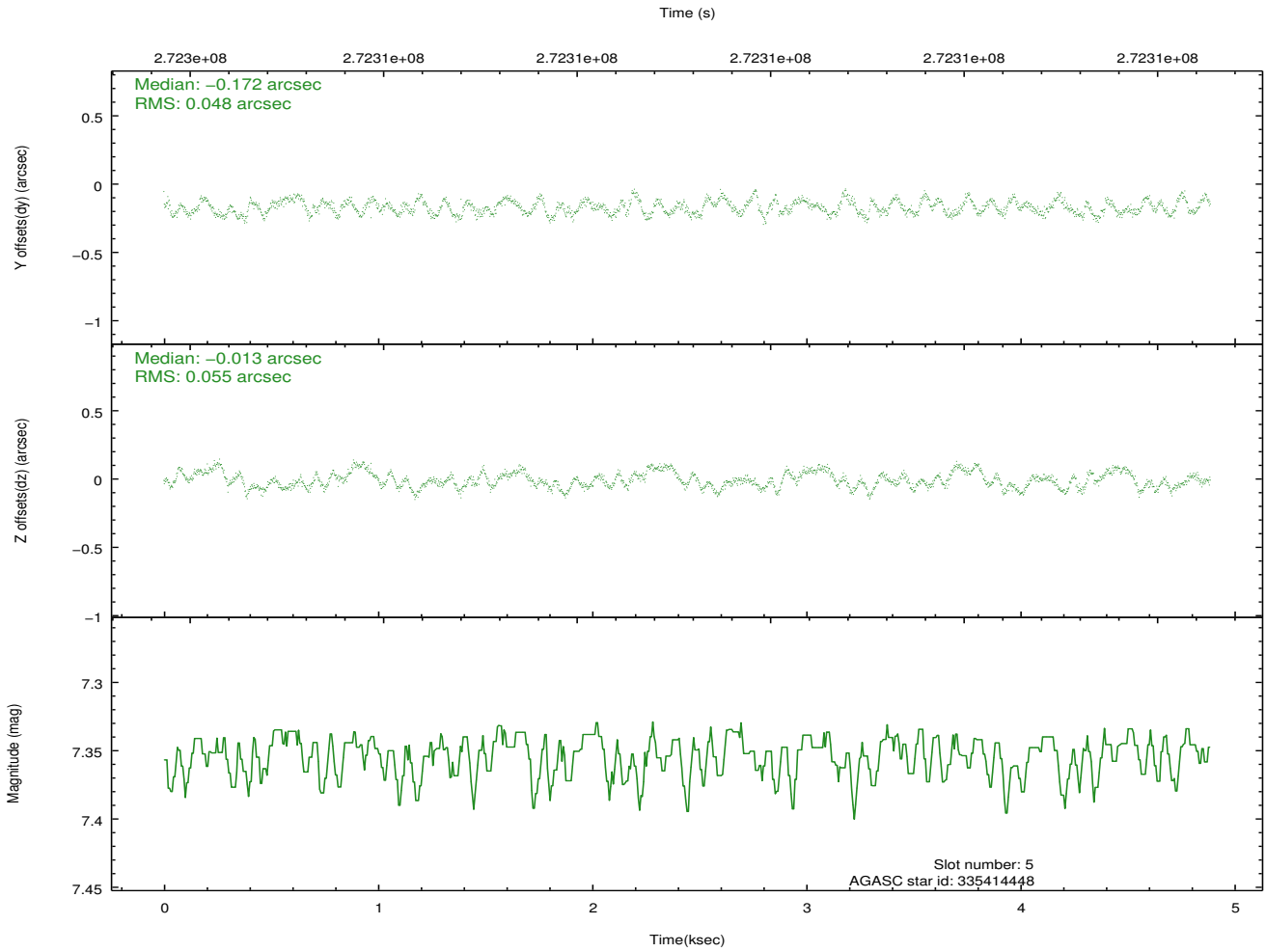
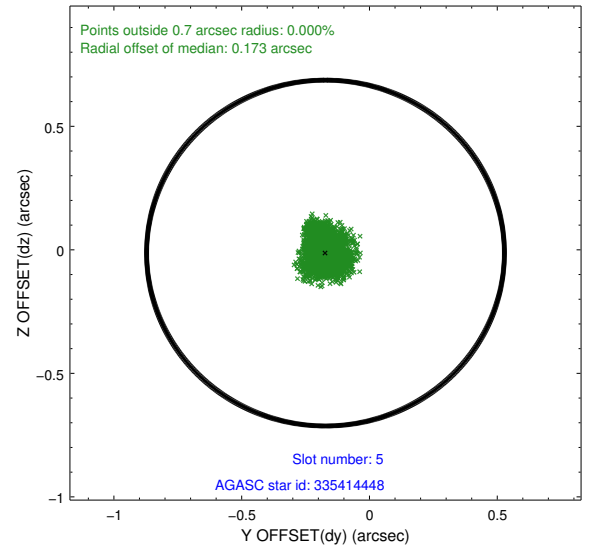
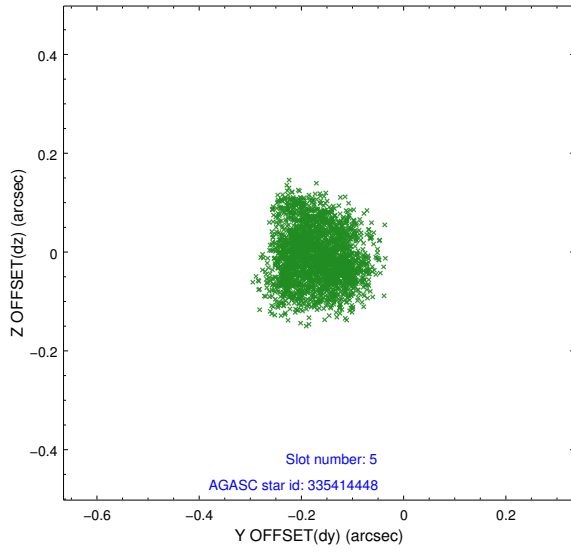
2.4.1 Slot 3



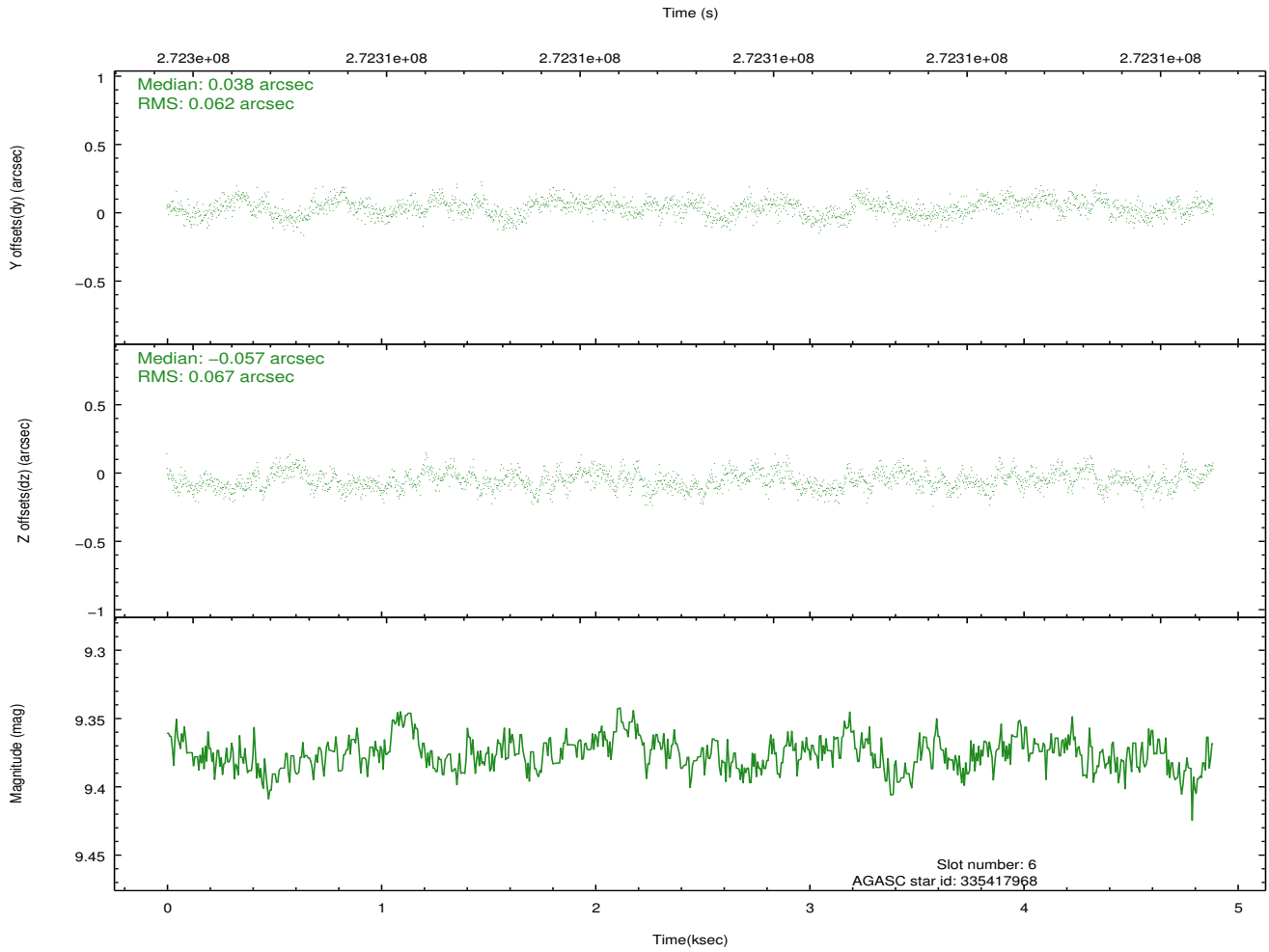
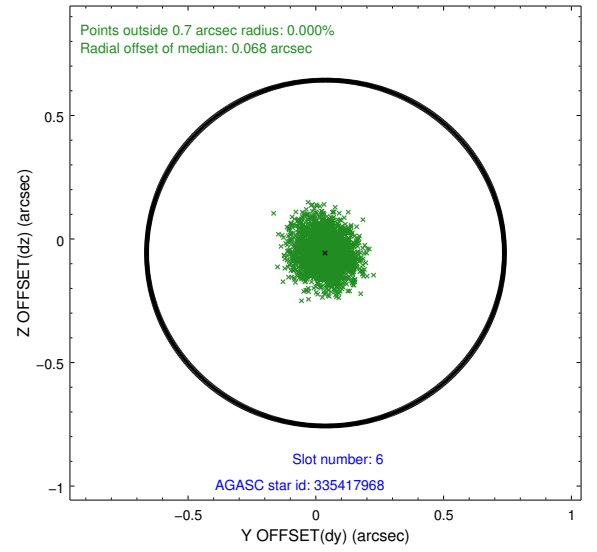
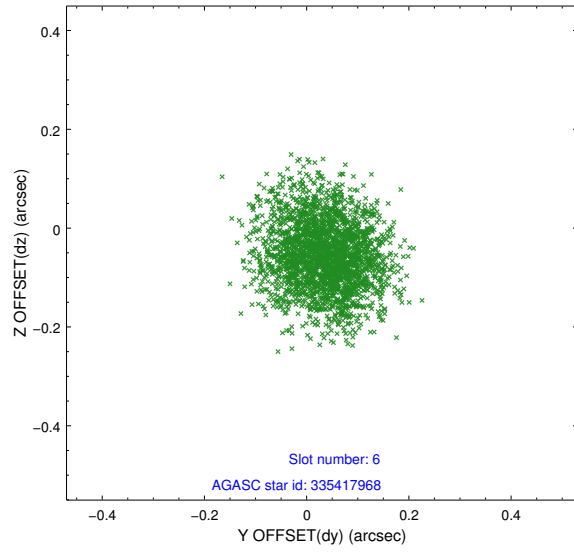
2.4.2 Slot 4



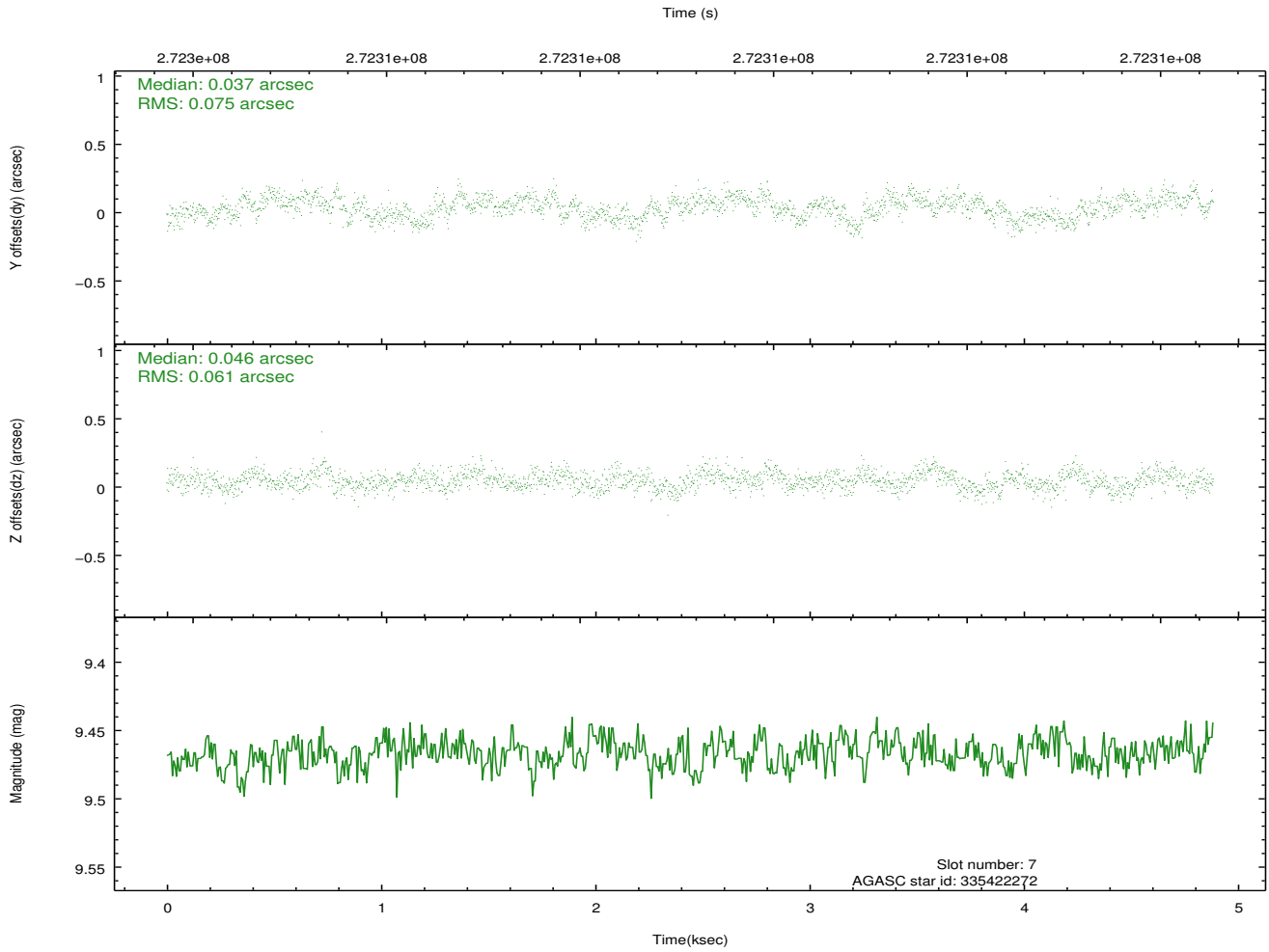
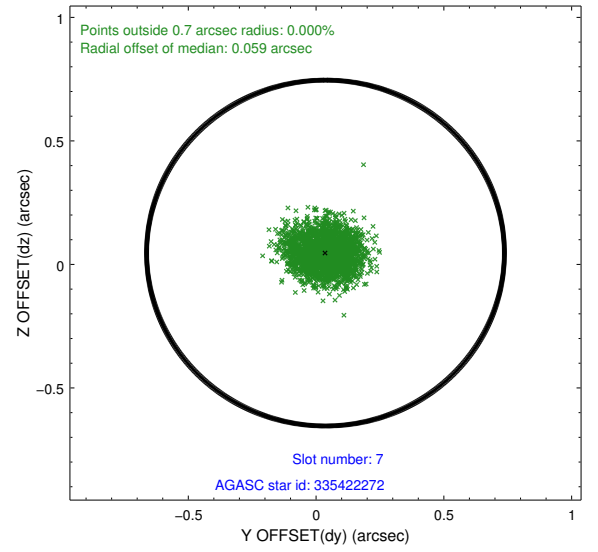
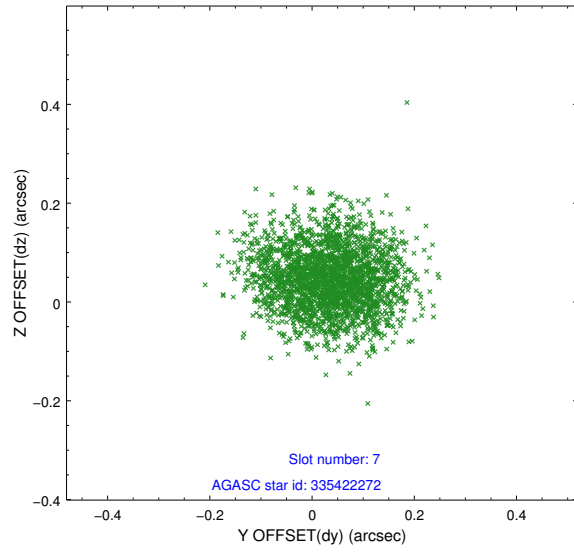
2.4.3 Slot 5



2.4.4 Slot 6

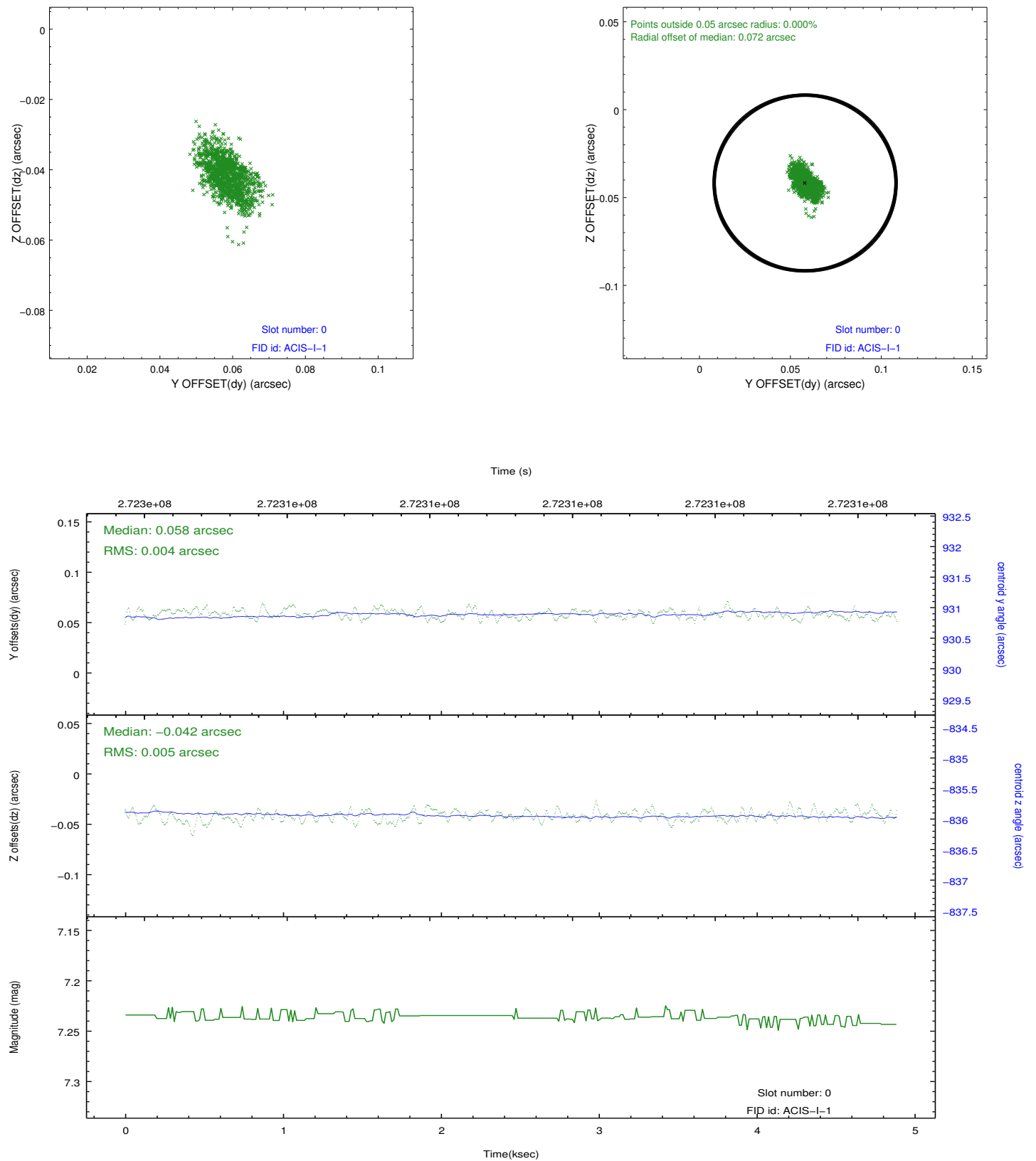


2.4.5 Slot 7

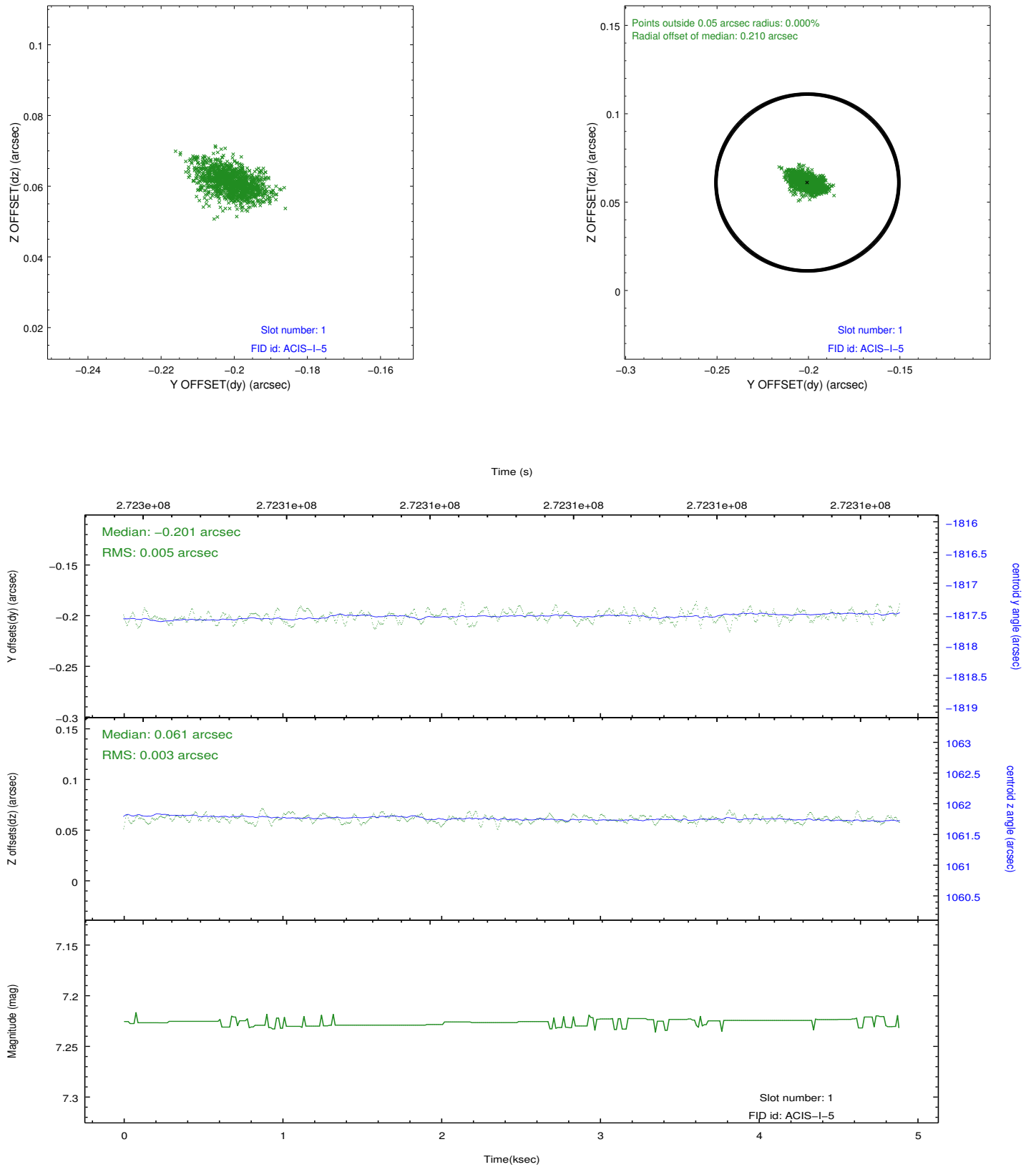


2.5 FID Slots

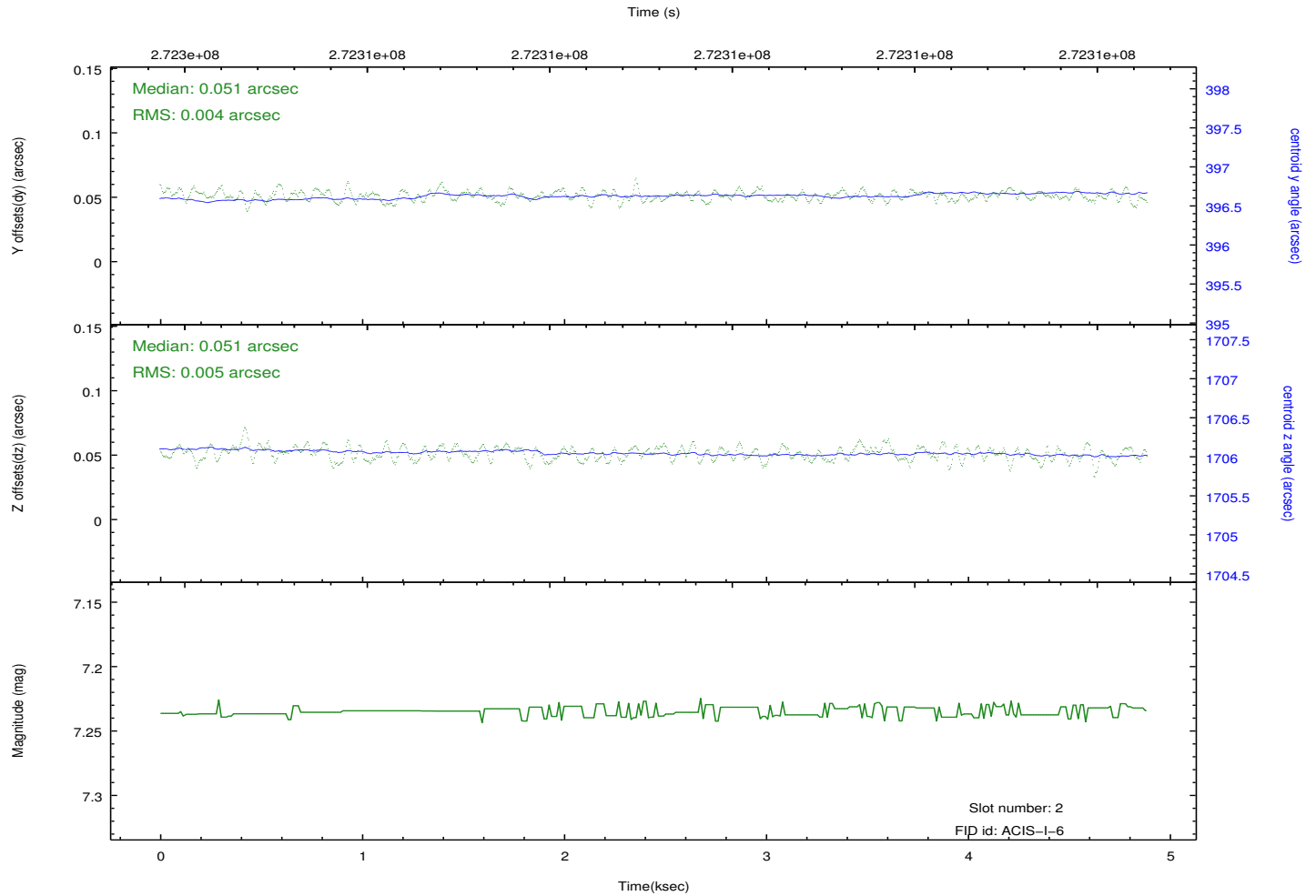
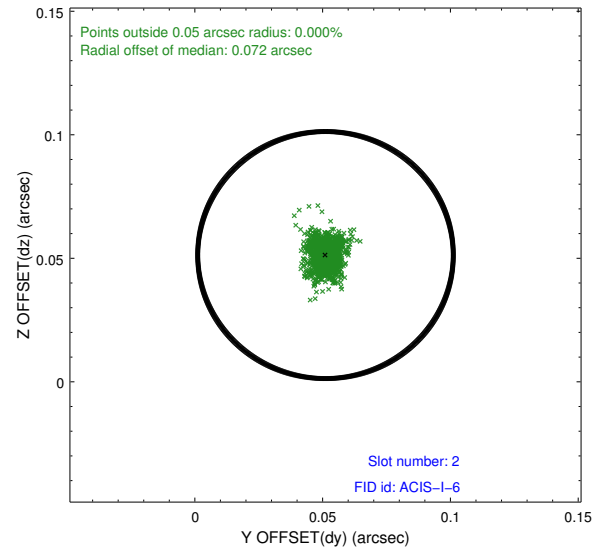
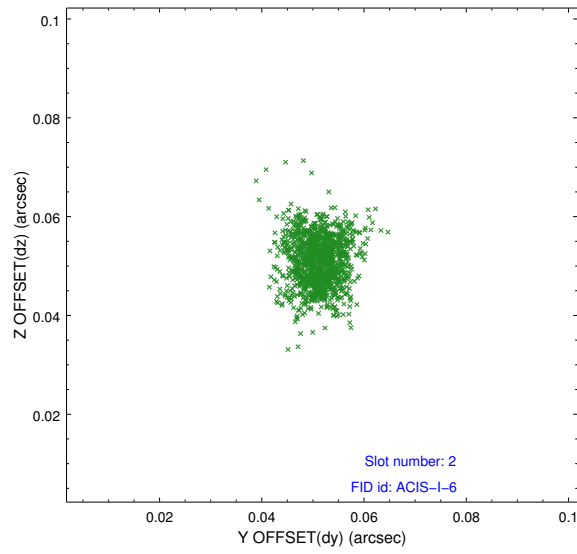
2.5.1 Slot 0



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)	2012.04.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.47640003

A.2 Comments