

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 7015 - L2 Version 2
Chandra X-Ray Center

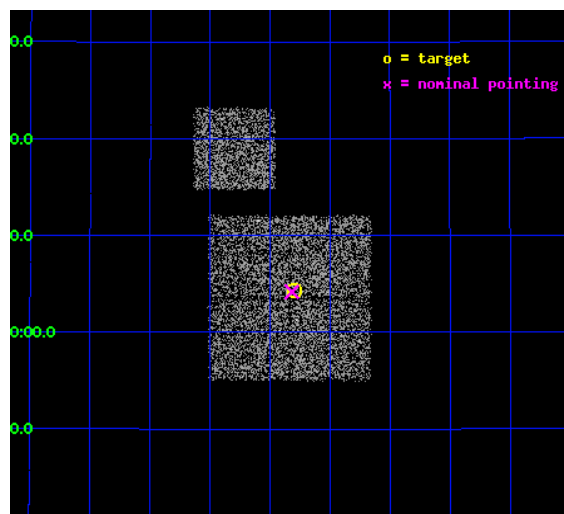
L2 Processing Date : Apr 12 2012

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1 Front

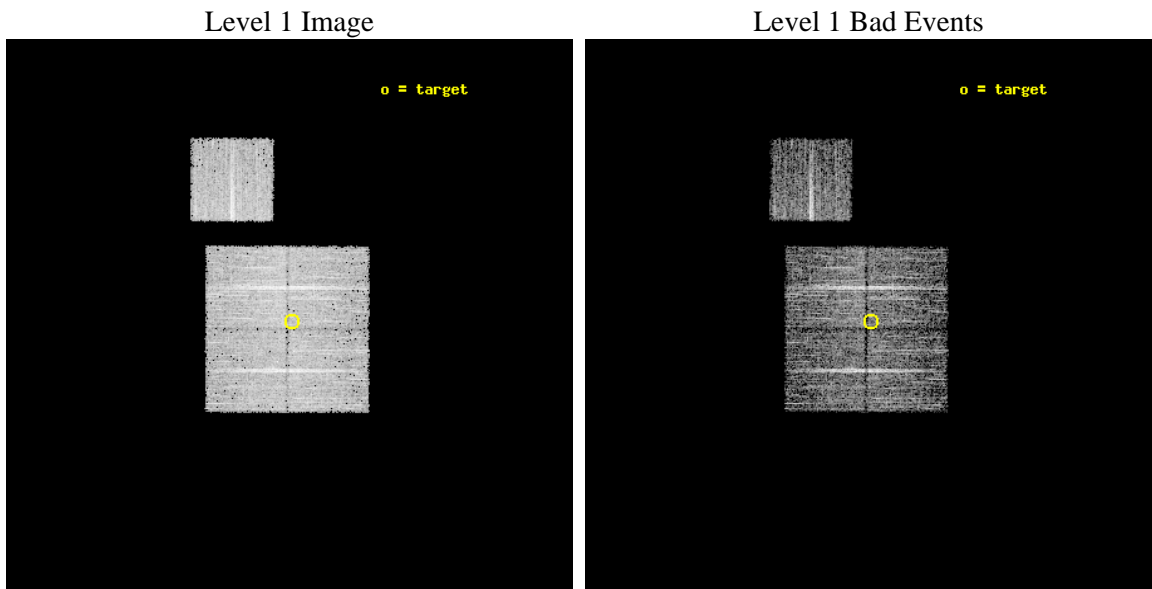
seq_num	900431	Sequence number
obs_id	7015	Observation id
title	Chandra Large Scale Survey of the NOAO Bootes Deep Field (B)	Propo
observer	Dr. Stephen Murray	Principal investigator
object	Bootes2 5B	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	216.9493	Observer's specified target RA [deg]
dec_targ	33.071569	Observer's specified target Dec [deg]
ra_nom	216.95445296703	Nominal RA [deg]
dec_nom	33.06978696863	Nominal Dec [deg]
roll_nom	0.20586532580999	Nominal Roll [deg]
revision	2	Processing version of data
ontime	4776.7458665967	Sum of GTIs [s]
livetime	4714.3341652605	Livetime [s]
ontime0	4776.6227465868	Sum of GTIs [s]
ontime1	4773.5228461027	Sum of GTIs [s]
ontime2	4773.5638363957	Sum of GTIs [s]
ontime3	4776.7458665967	Sum of GTIs [s]
ontime6	4776.5817065835	Sum of GTIs [s]
l2events	13796	Number of level 2 events



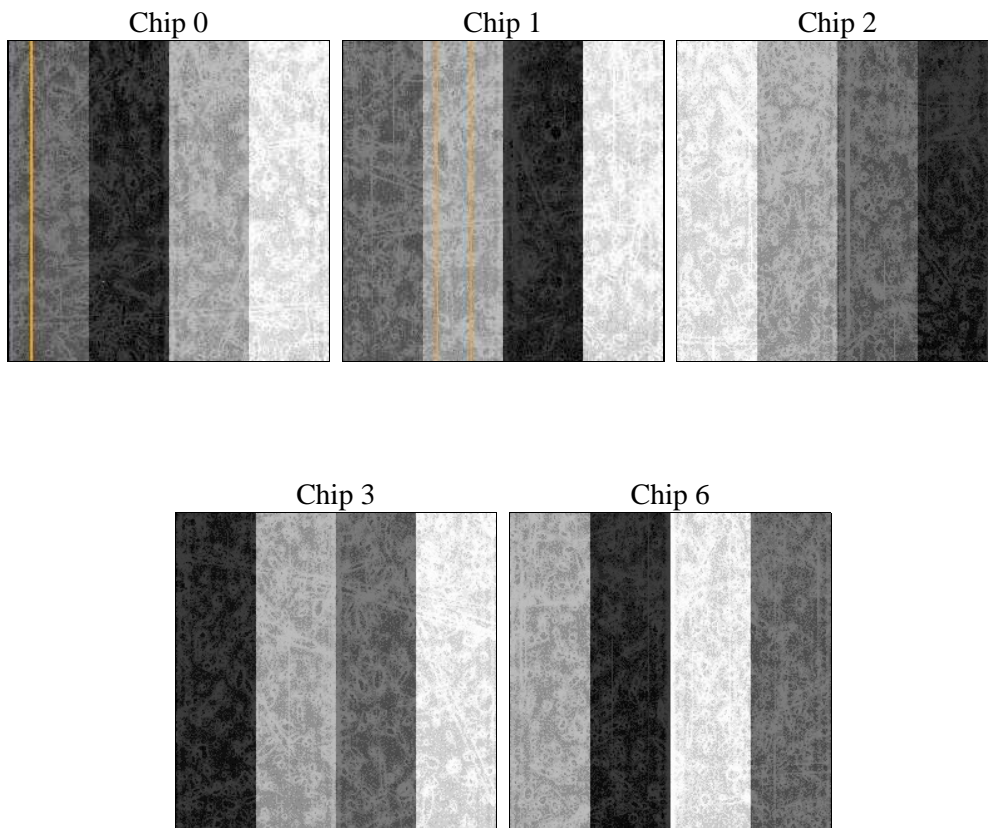
2 OBI

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	8.4.3.1	Processing system revision	ontime	4776.7458665967	Sum of GTIs [s]
caldbver	4.4.9	 	ontime0	4776.6227465868	Sum of GTIs [s]
date	2012-04-12T23:21:27	Date and time of file creation	ontime1	4773.5228461027	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	4773.5638363957	Sum of GTIs [s]
			ontime3	4776.7458665967	Sum of GTIs [s]
			ontime6	4776.5817065835	Sum of GTIs [s]
			l1events	172526	Number of level 1 events

2.1.4 Events

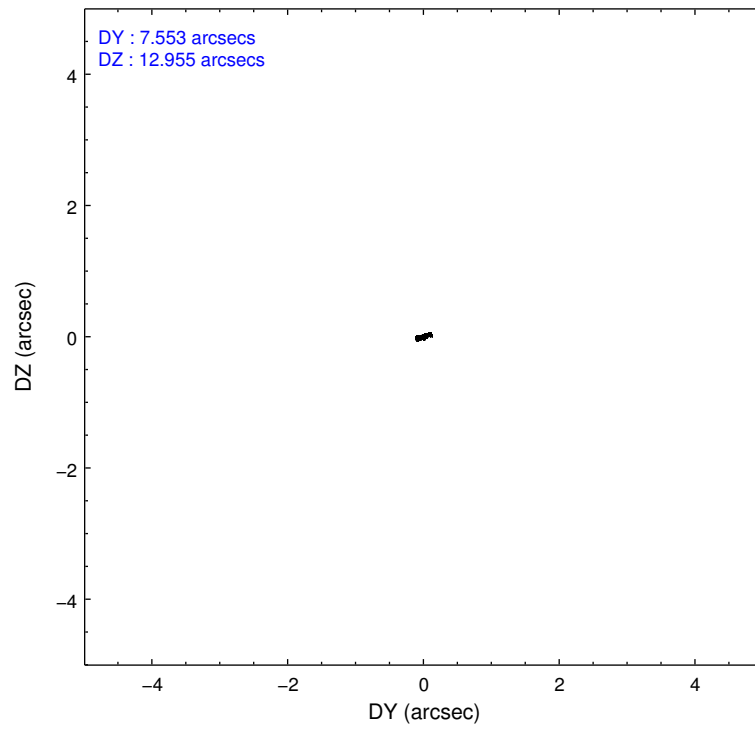
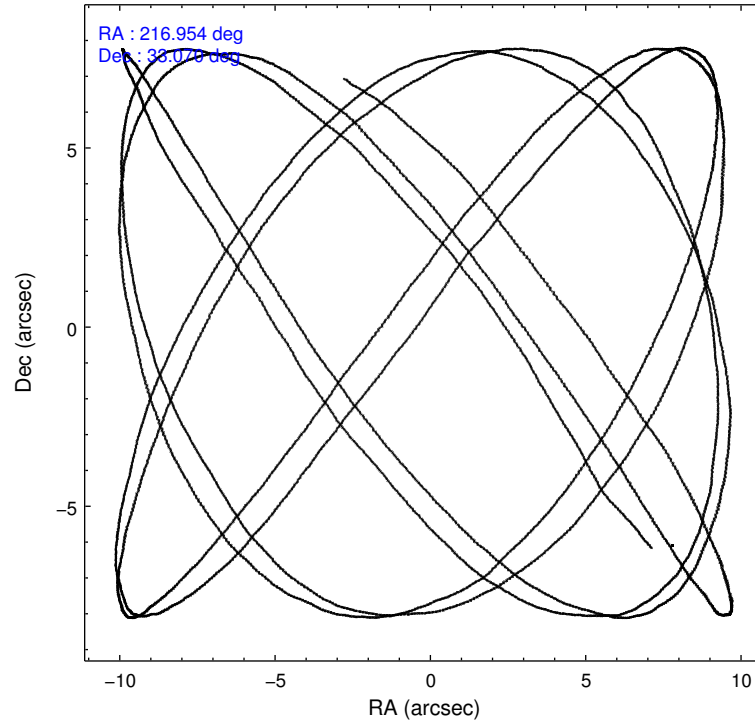
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	32077	33467	38966	34082	33934
rejected events	28684	29985	35610	30960	30463
rejected %	89%	89%	91%	90%	89%

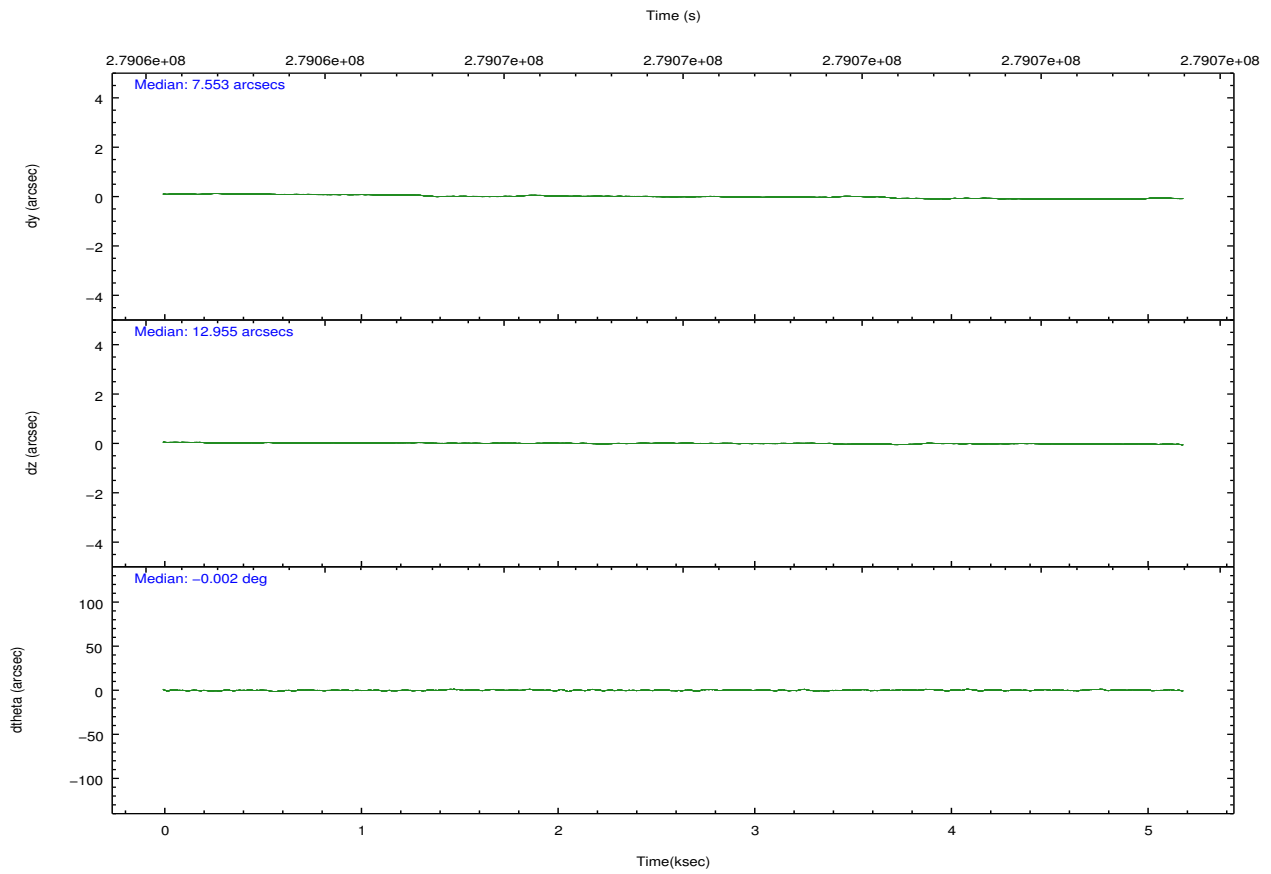
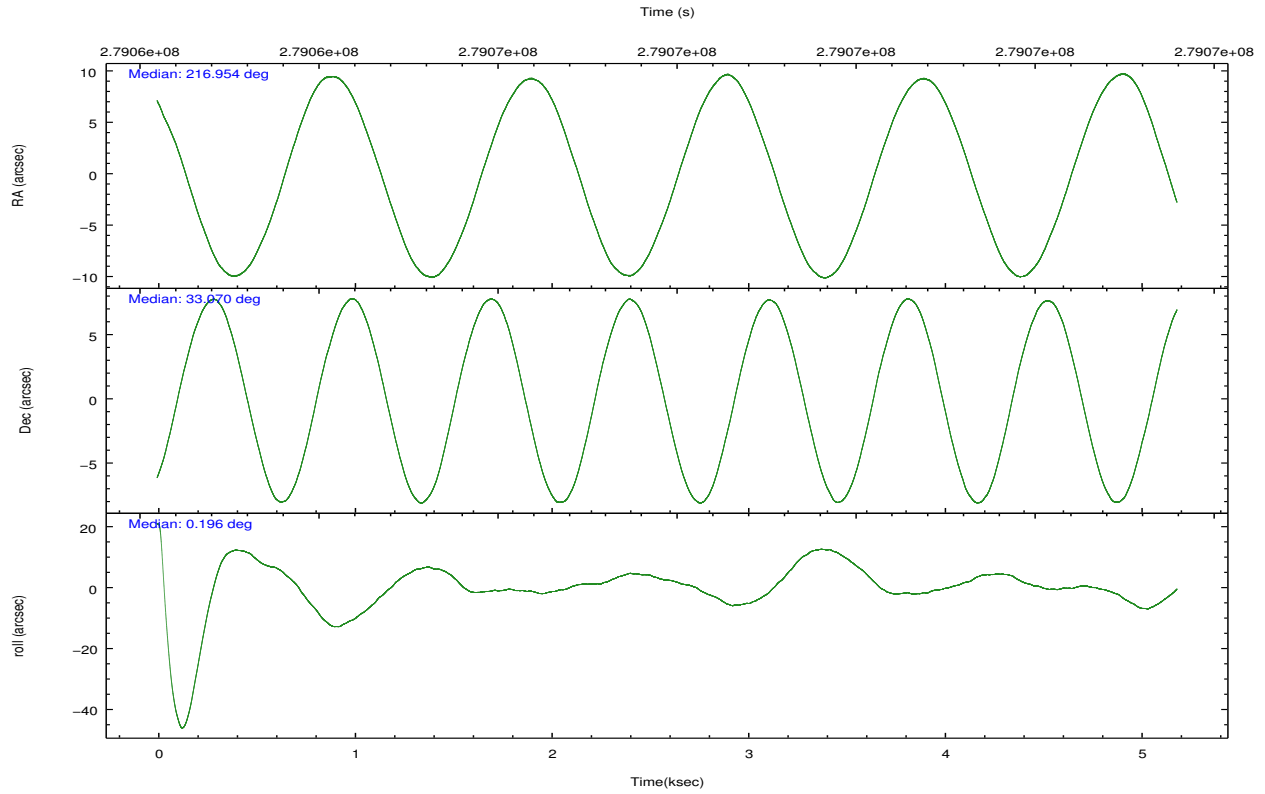
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	1254	1175	1275	1076	1258
	3%	3%	3%	3%	3%
grade 1 events	22	15	22	19	11
	0%	0%	0%	0%	0%
grade 2 events	838	785	837	673	731
	2%	2%	2%	1%	2%
grade 3 events	374	397	357	384	402
	1%	1%	0%	1%	1%
grade 4 events	379	389	381	371	391
	1%	1%	0%	1%	1%
grade 5 events	949	1122	884	1163	1169
	2%	3%	2%	3%	3%
grade 6 events	550	737	506	620	694
	1%	2%	1%	1%	2%
grade 7 events	27711	28847	34704	29776	29278
	86%	86%	89%	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	216.926236	216.9544529670316	Subarray requested	NONE	NONE
[deg] Pointing Dec	33.055897	33.06978696862968	Alternating exposures requested	N	N
[deg] Pointing Roll	0.012576	0.2058653258099865	[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)	279064530.184000	279064154.2469			
Observation start date	2006-11-04T21:54:25	2006-11-04T21:49:14			
[s] Observation end time (MET)	279069530.184000	279070433.90969			
Observation end date	2006-11-04T23:17:45	2006-11-04T23:33:53			
Read mode	TIMED	TIMED			

2.3 Aspect



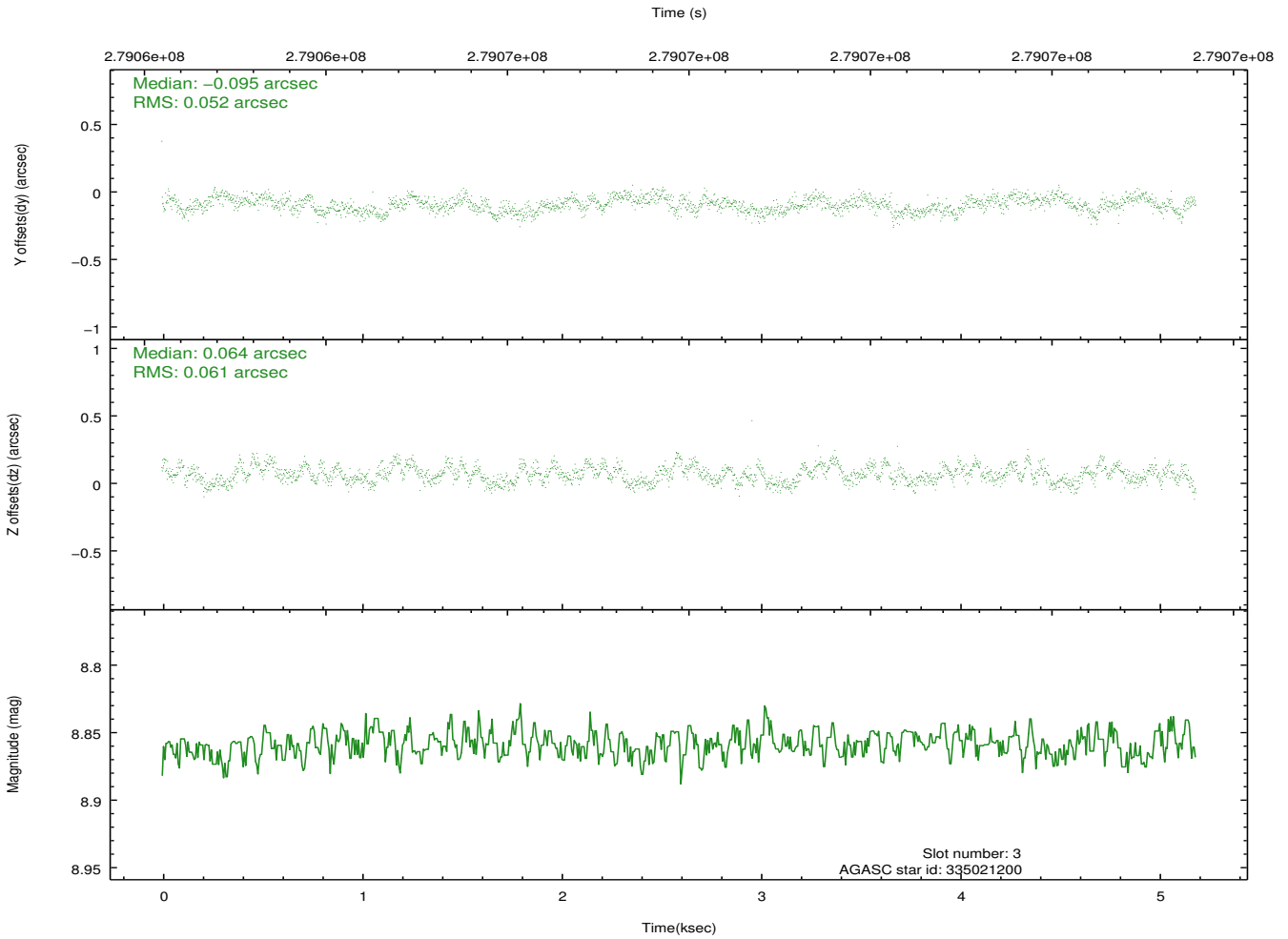
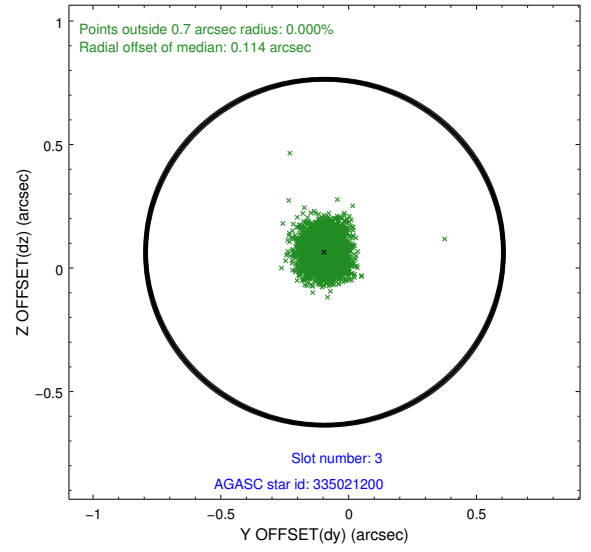
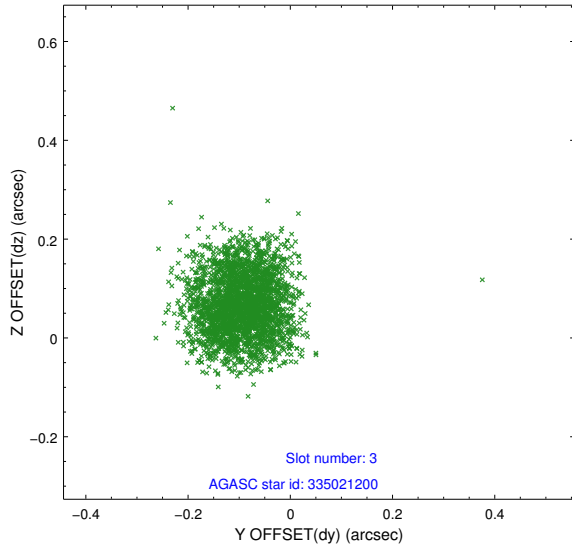


Slot Statistics

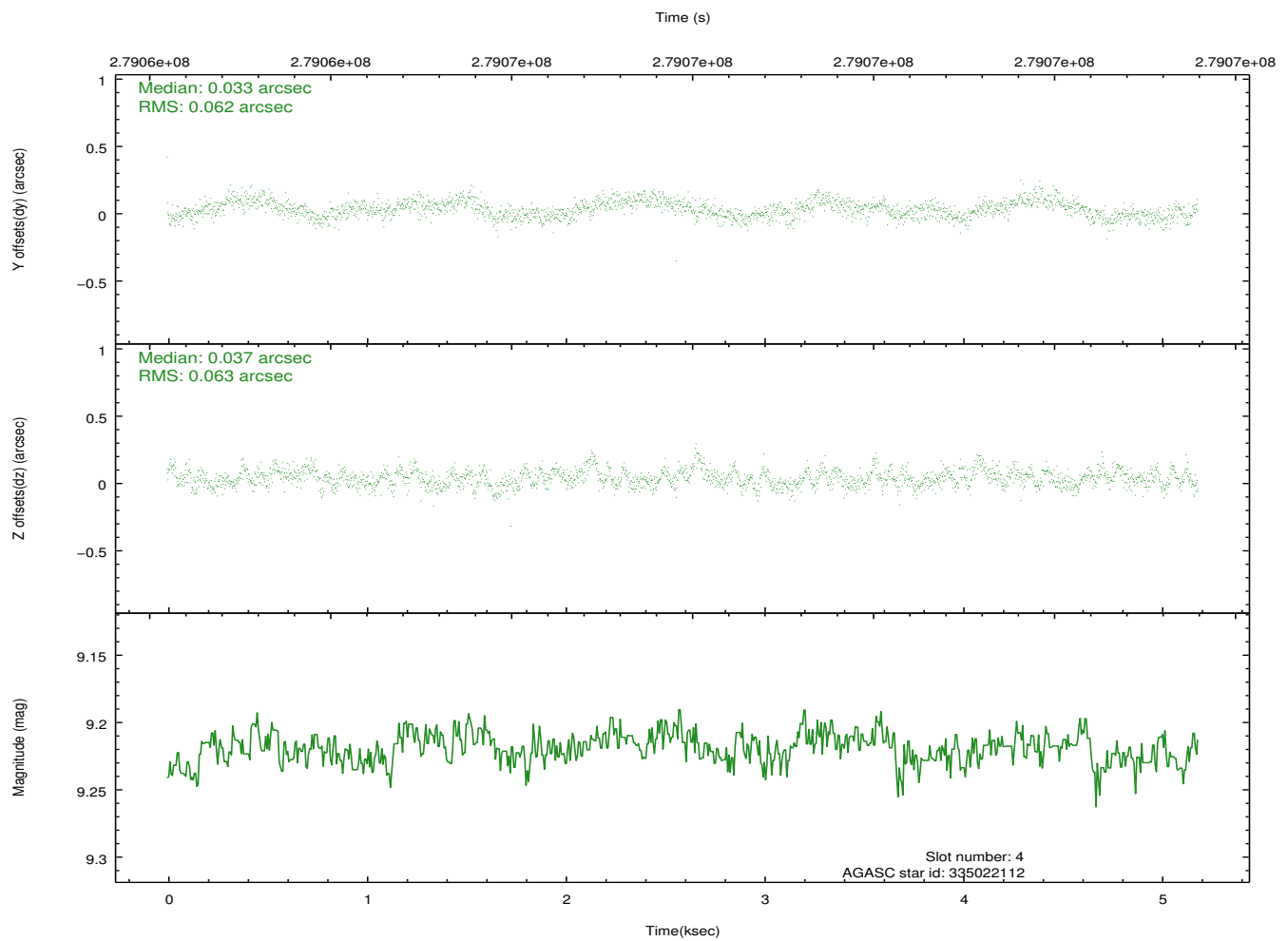
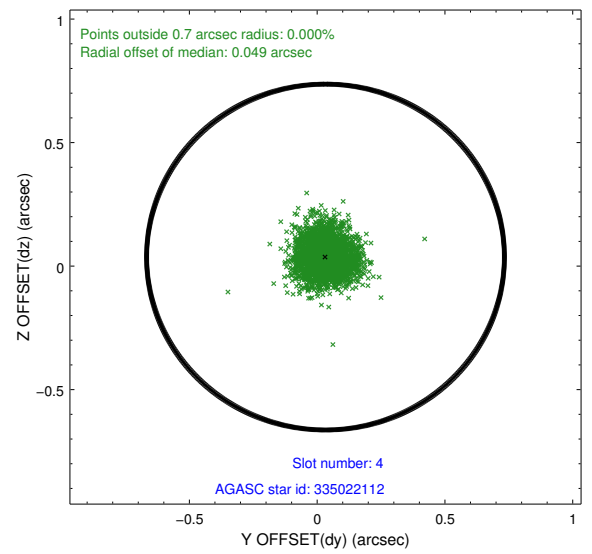
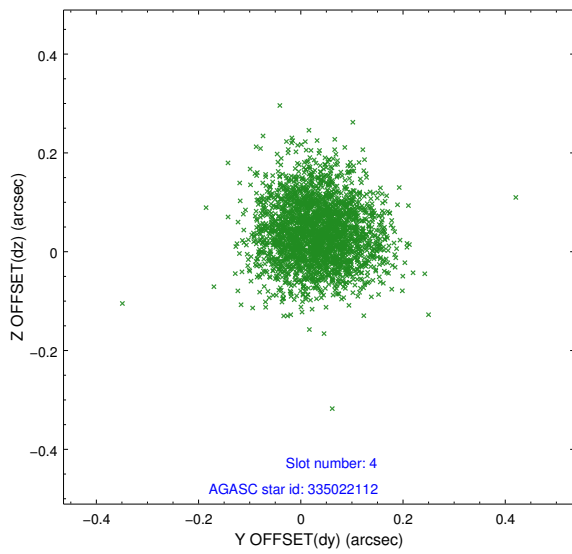
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	1265	0.035	-0.003	0.006	0.011	0.000000	0.000000	932.14	-836.51
1	FID	ACIS-I-5	7.24	1264	-0.167	0.053	0.006	0.010	0.000000	0.000000	-1815.51	1060.46
2	FID	ACIS-I-6	7.24	1265	0.041	0.021	0.007	0.012	0.000000	0.000000	396.44	1706.25
3	GUIDE	335021200	8.86	2529	-0.095	0.064	0.086	0.133	216.377257	32.627867	-1664.83	-1536.19
4	GUIDE	335022112	9.22	2528	0.033	0.037	0.094	0.149	216.659296	32.794758	-808.20	-939.77
5	GUIDE	335028240	9.15	2531	-0.034	0.118	0.084	0.134	216.746851	33.385009	-539.71	1185.44
6	GUIDE	335029808	9.07	2529	-0.021	-0.111	0.083	0.138	216.789548	33.180488	-411.92	449.42
7	GUIDE	335030152	9.71	2506	0.115	-0.115	0.104	0.171	216.202154	33.091054	-2183.71	134.39

2.4 Star Slots

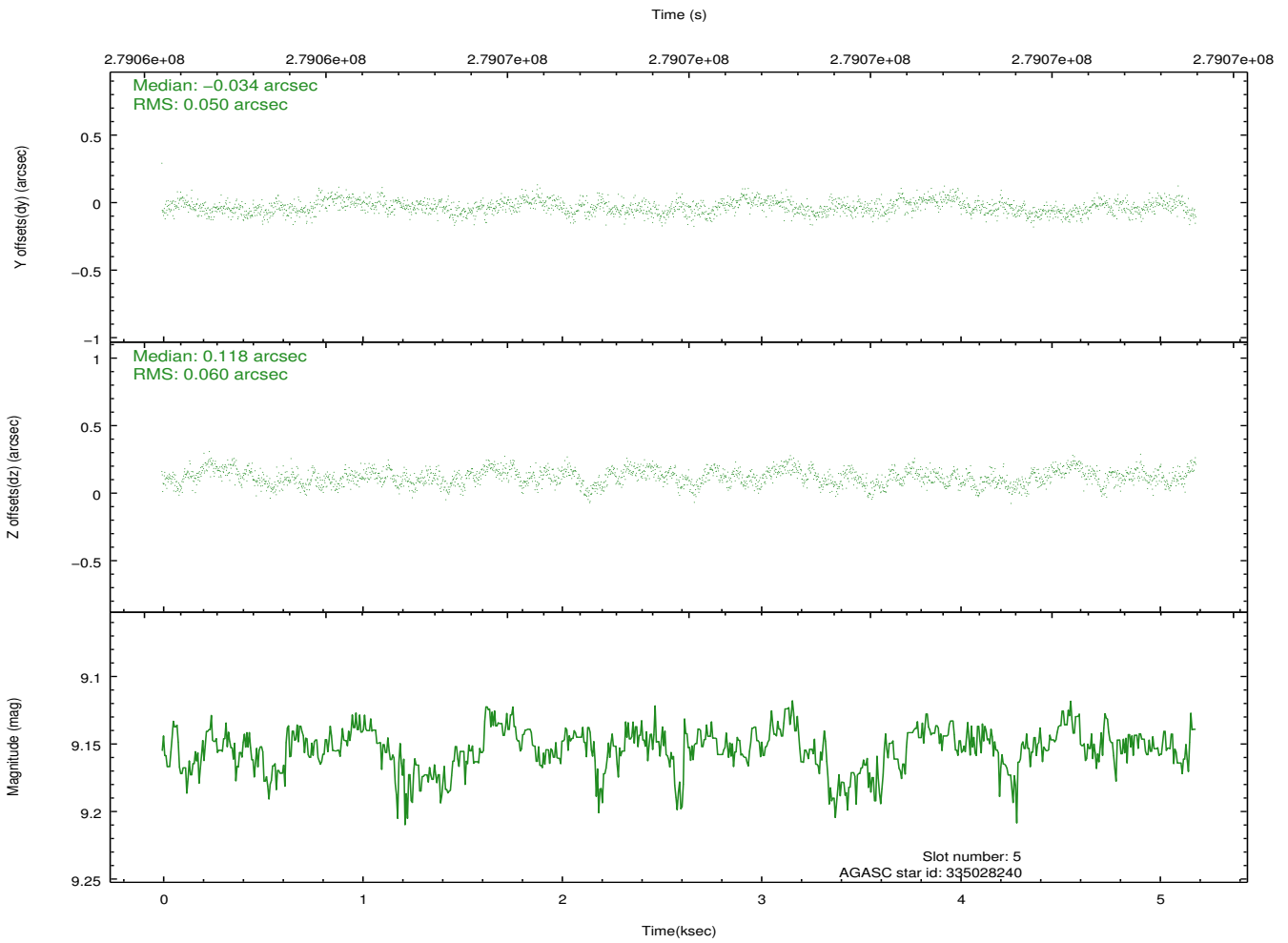
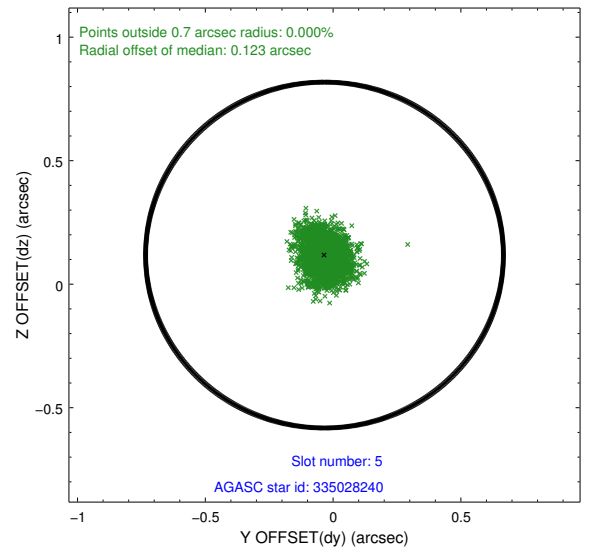
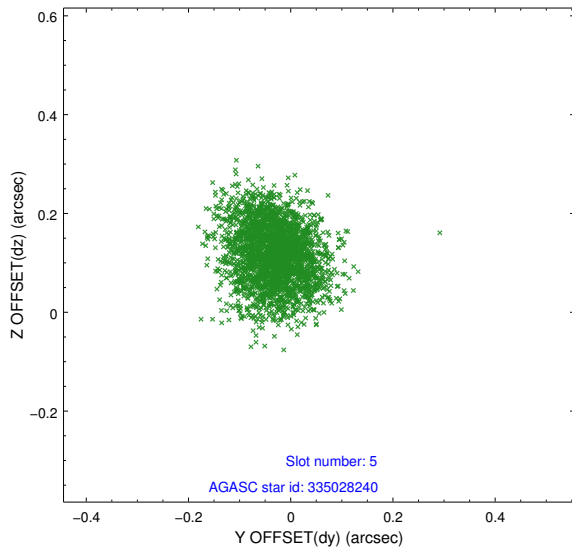
2.4.1 Slot 3



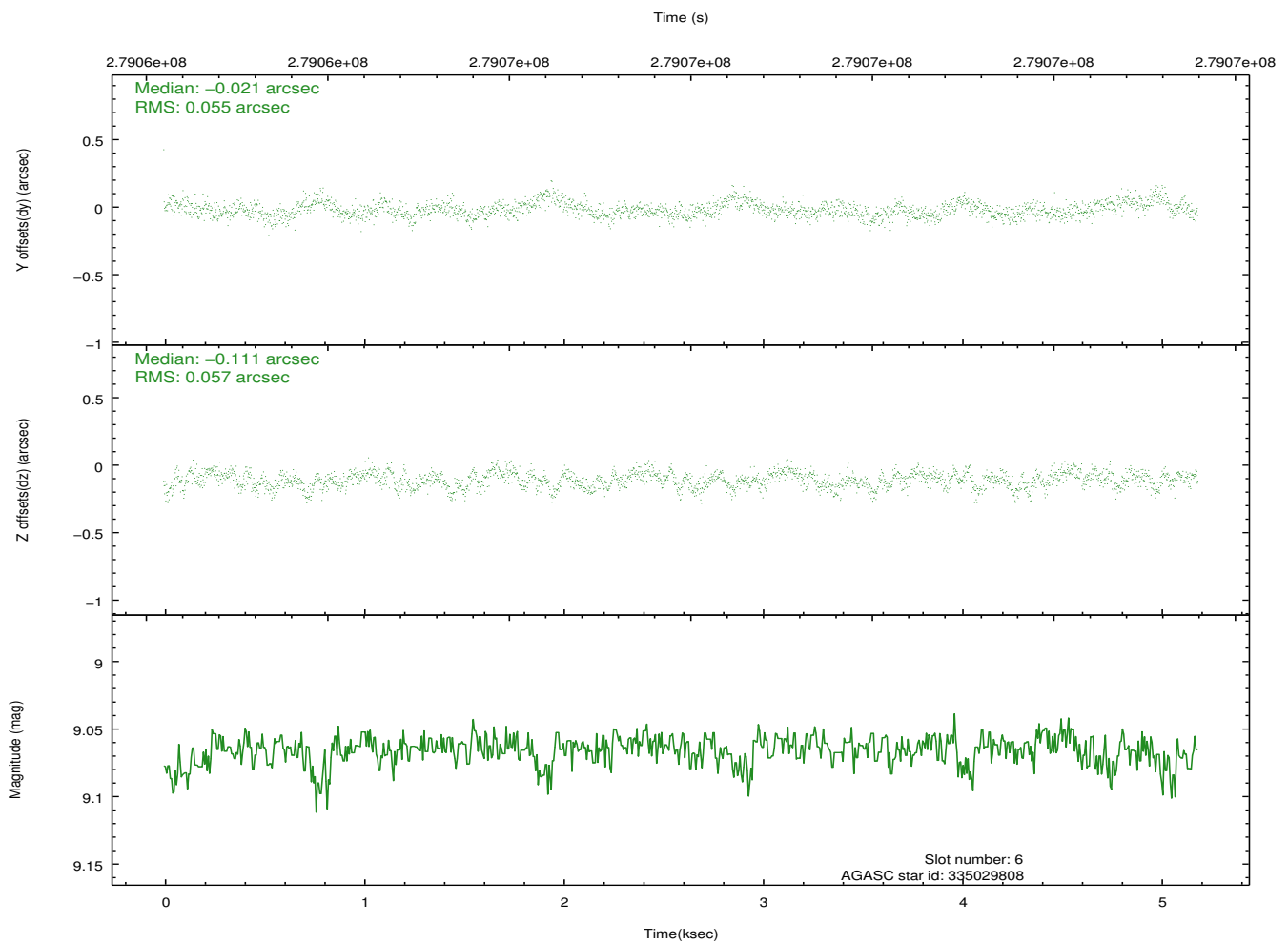
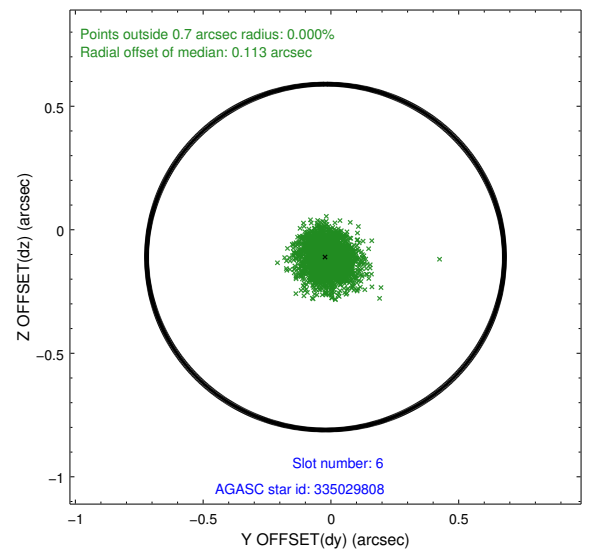
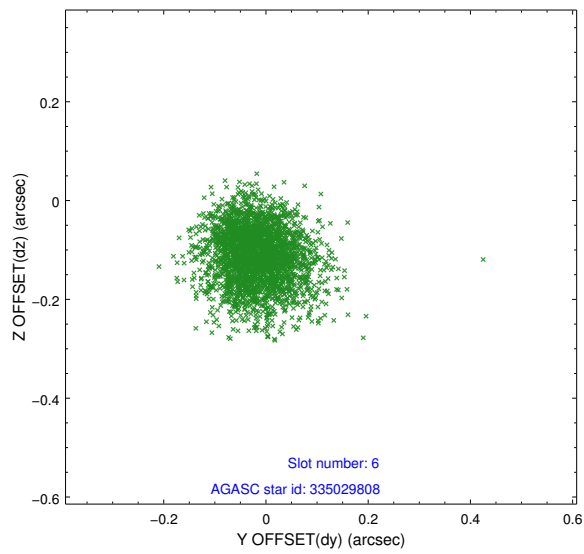
2.4.2 Slot 4



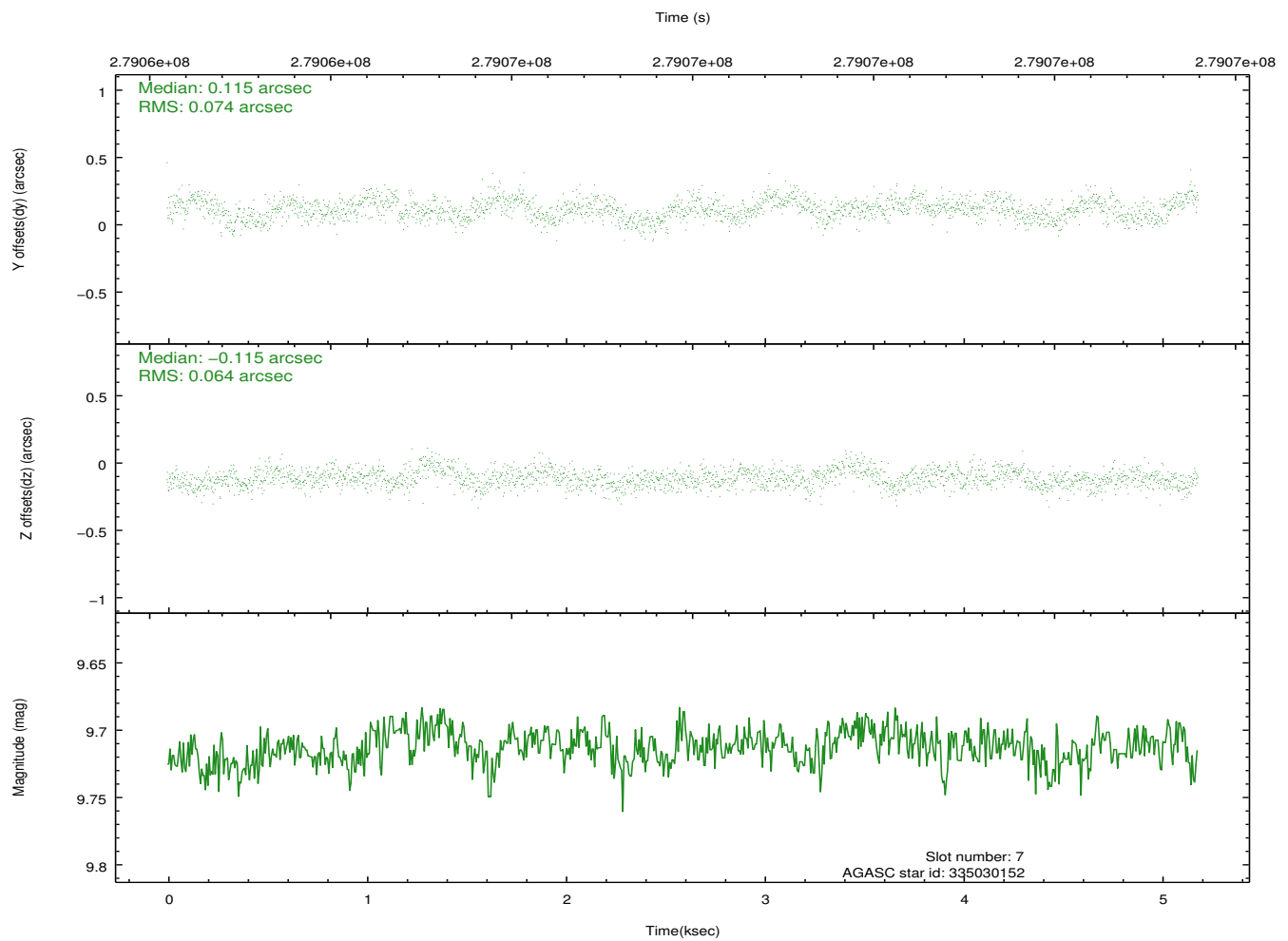
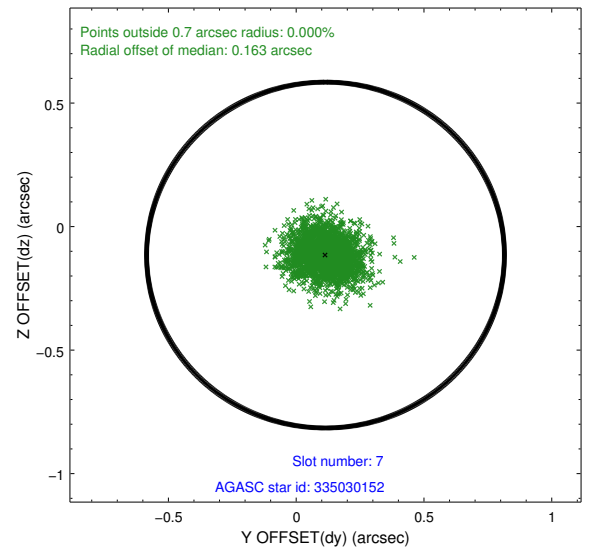
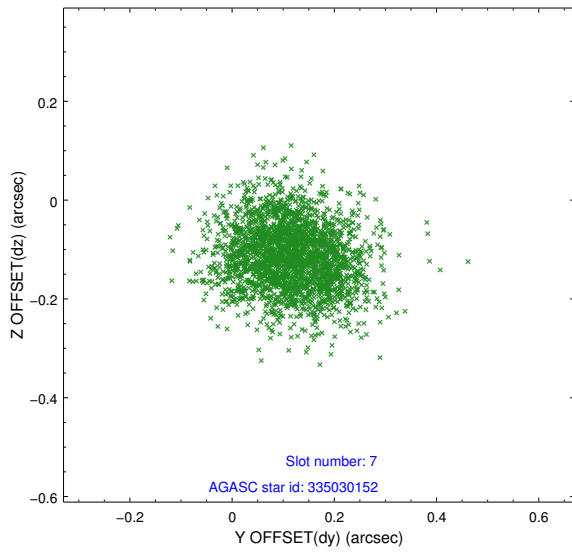
2.4.3 Slot 5



2.4.4 Slot 6

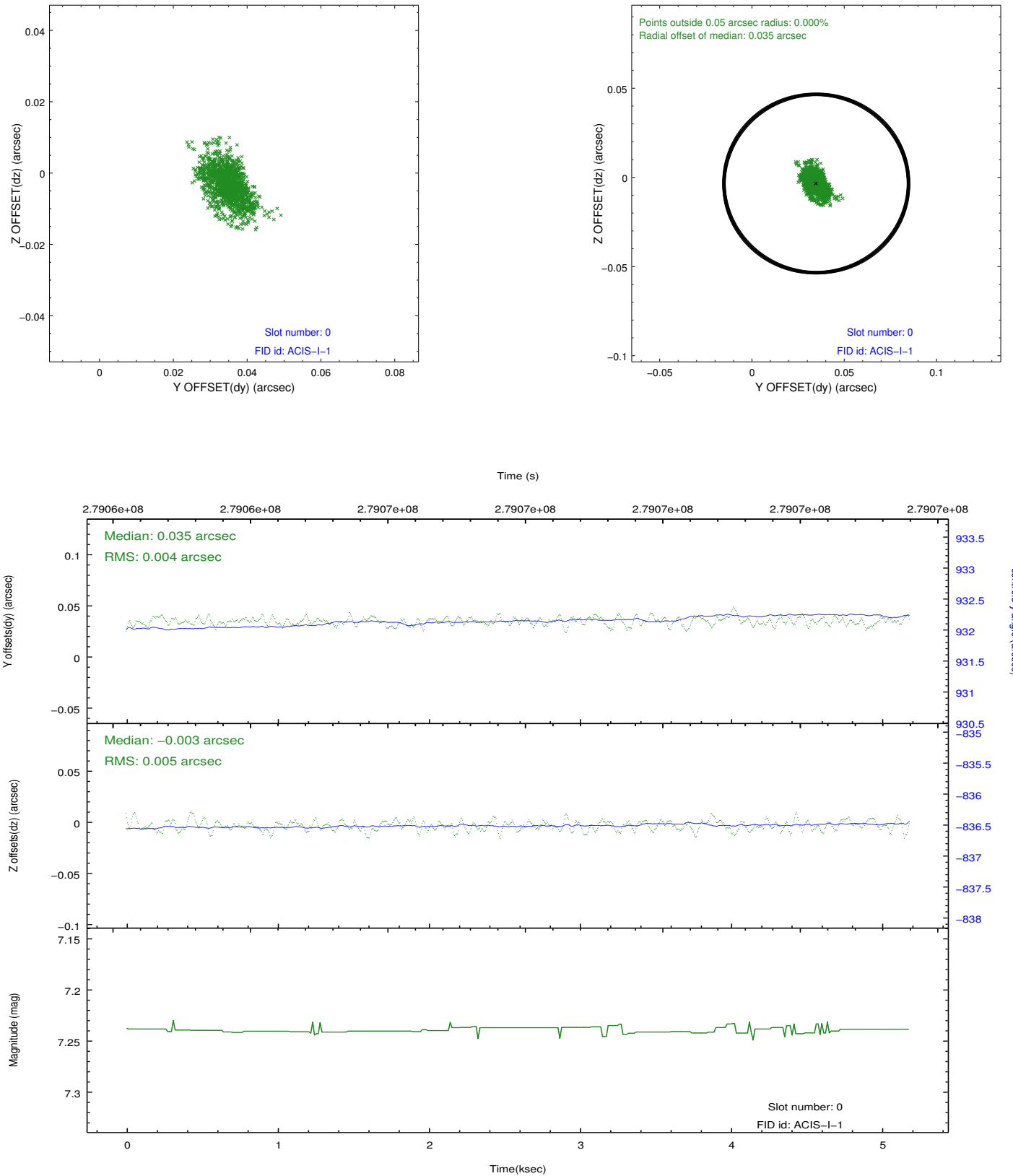


2.4.5 Slot 7

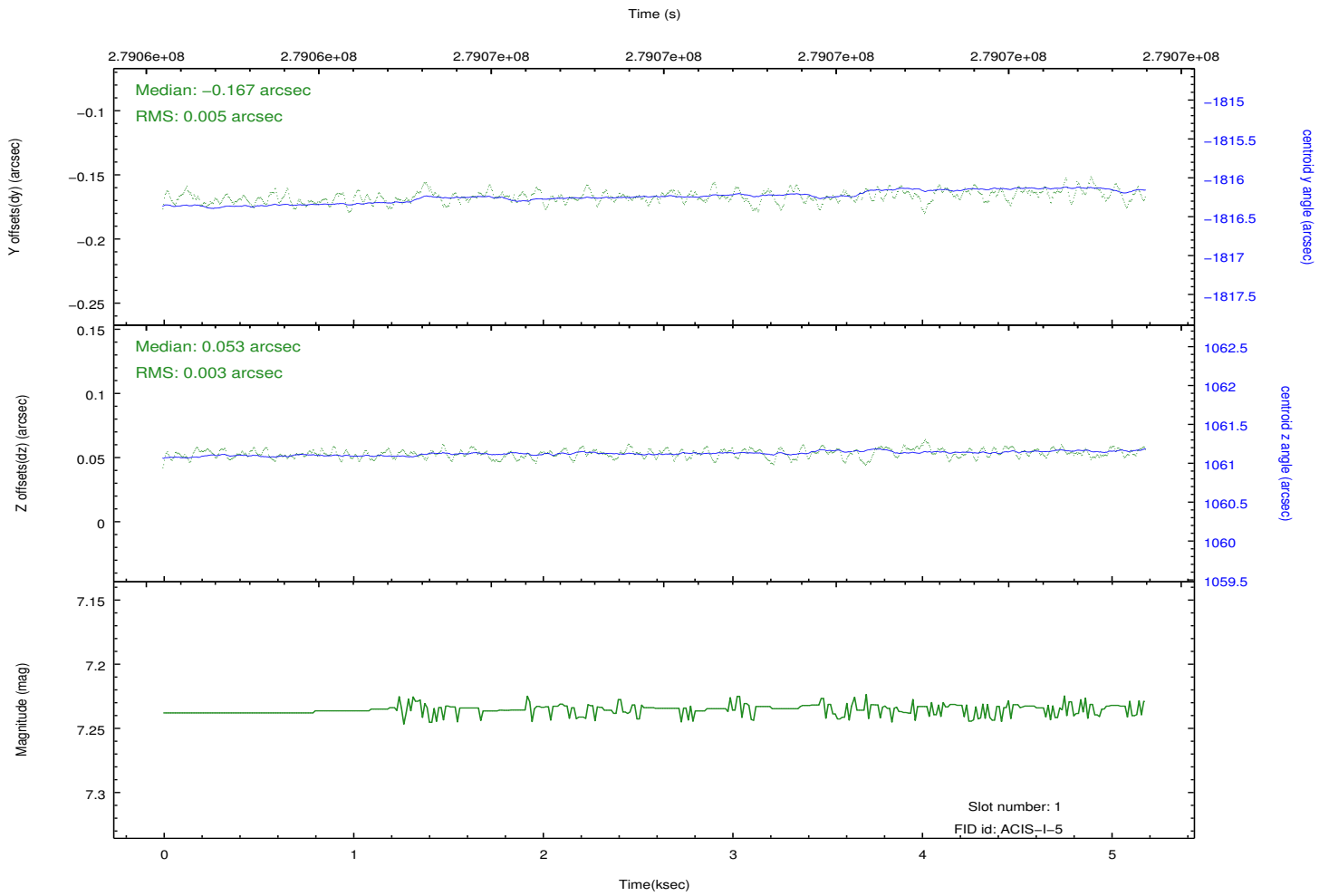
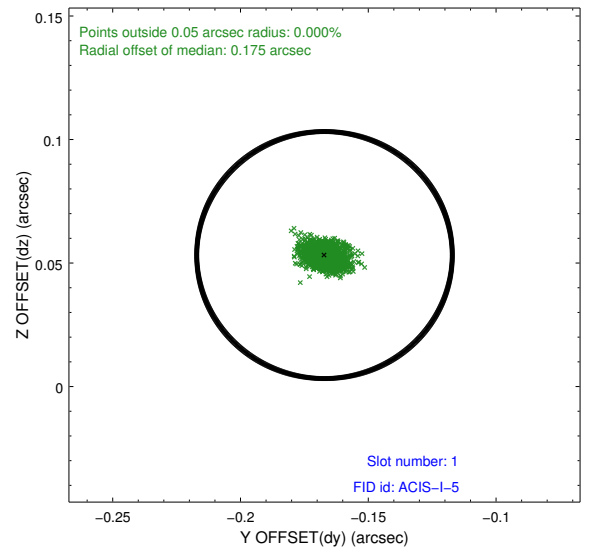
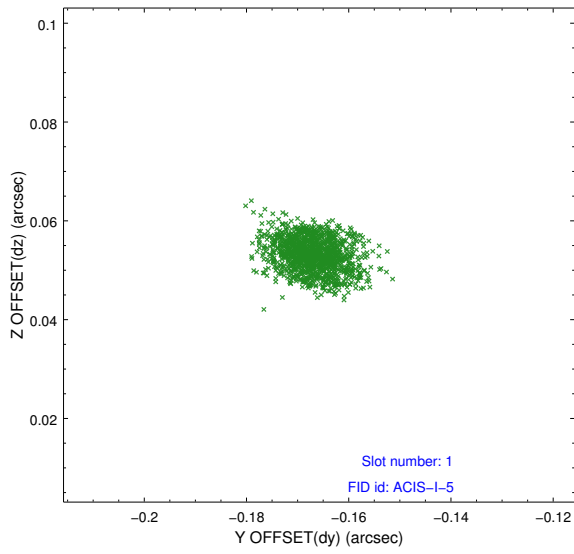


2.5 FID Slots

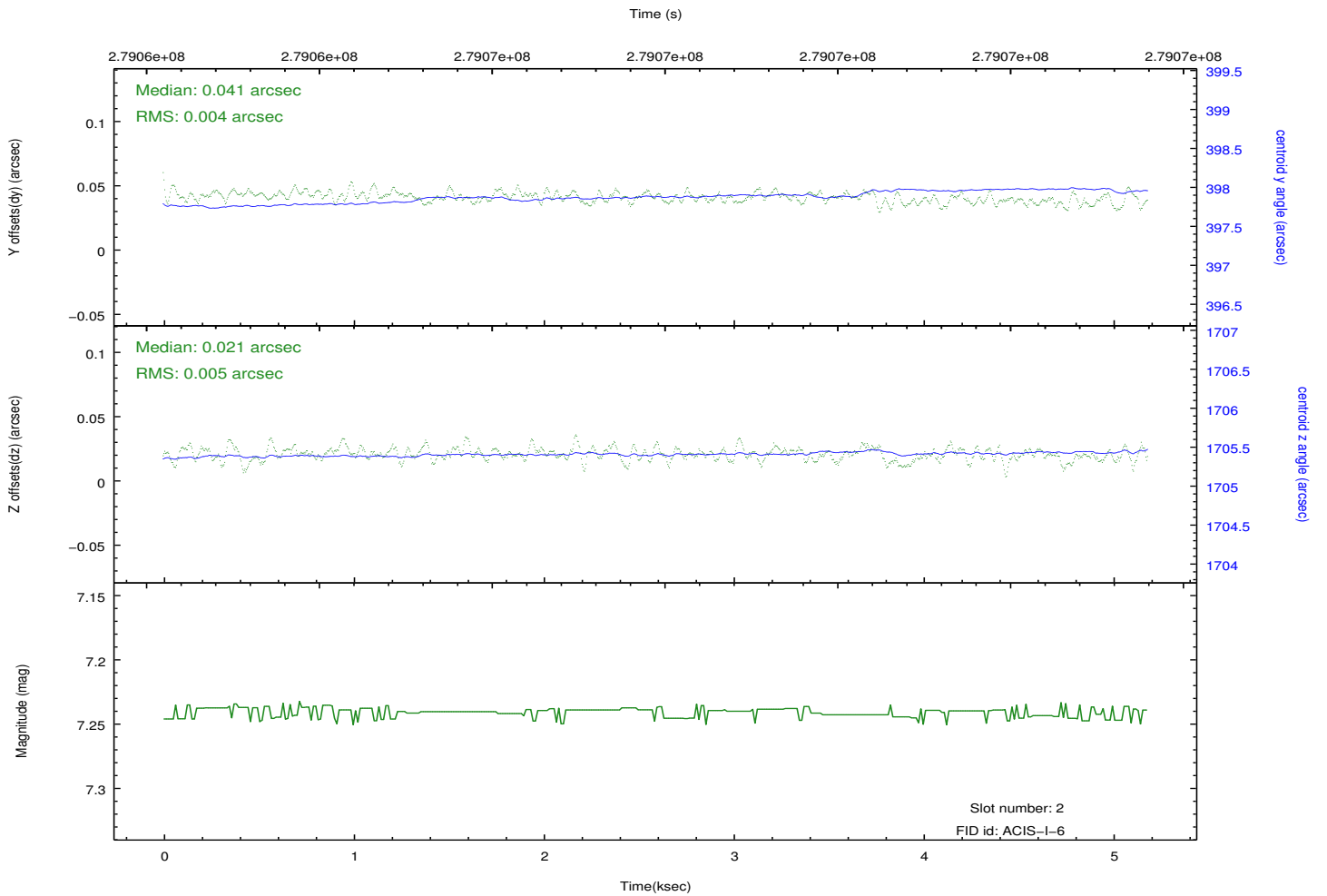
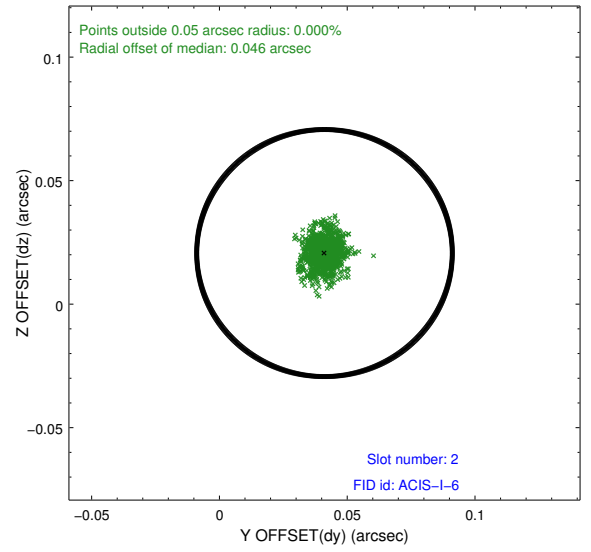
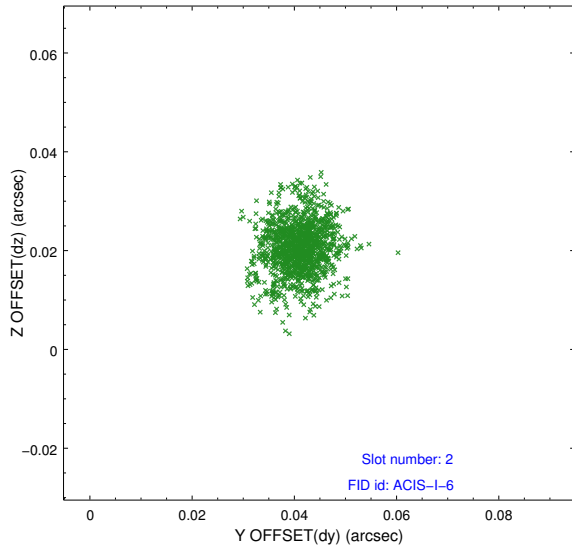
2.5.1 Slot 0



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)	2012.04.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.77710003

A.2 Comments