

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 6993 - L2 Version 2
Chandra X-Ray Center

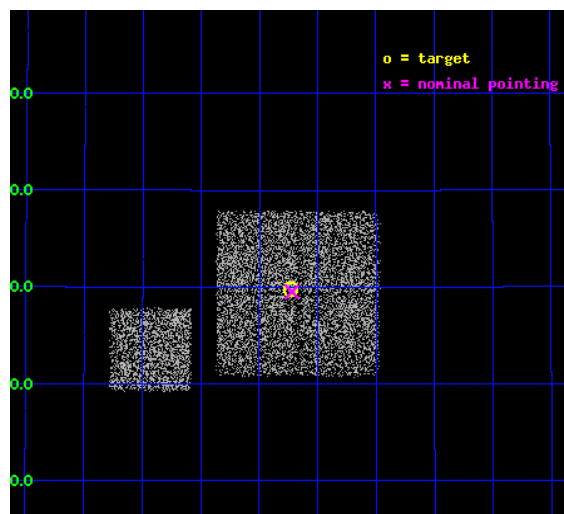
L2 Processing Date : Apr 7 2012

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1 Front

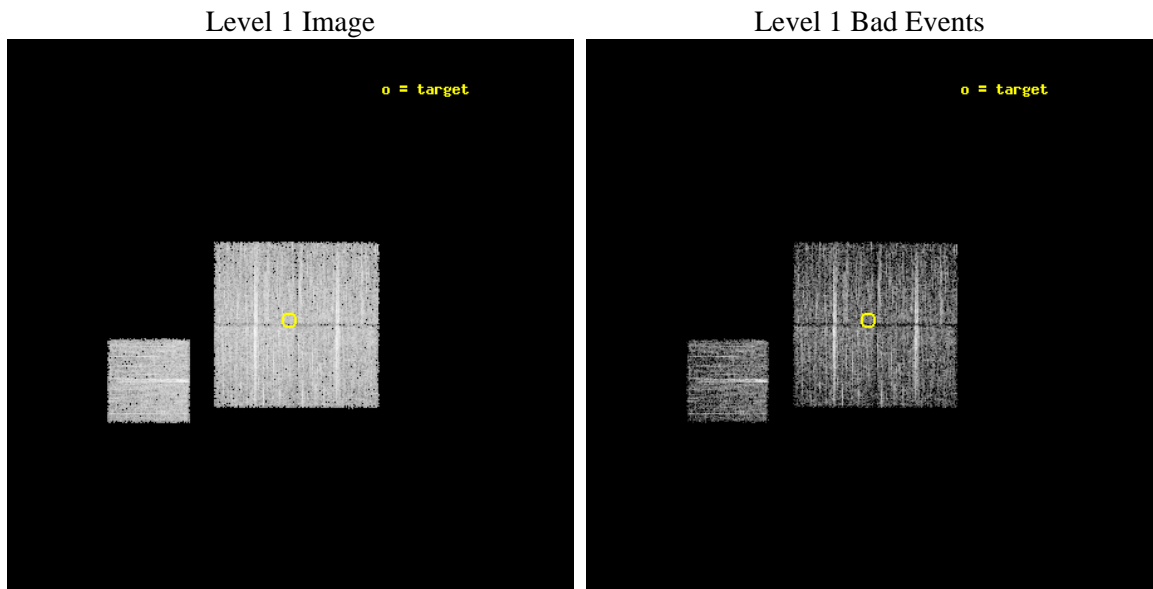
seq_num	900409	Sequence number
obs_id	6993	Observation id
title	Chandra Large Scale Survey of the NOAO Bootes Deep Field (A)	Propo
observer	Dr Stephen Murray	Principal investigator
object	Bootes2 15	Source name
dtycycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	217.80747	Observer's specified target RA [deg]
dec_targ	35.496343	Observer's specified target Dec [deg]
ra_nom	217.8053014288	Nominal RA [deg]
dec_nom	35.491987286513	Nominal Dec [deg]
roll_nom	270.20996331894	Nominal Roll [deg]
revision	2	Processing version of data
ontime	4473.2590441704	Sum of GTIs [s]
livetime	4414.8126215929	Livetime [s]
ontime0	4476.3066648841	Sum of GTIs [s]
ontime1	4476.3477048874	Sum of GTIs [s]
ontime2	4476.3887448907	Sum of GTIs [s]
ontime3	4473.2590441704	Sum of GTIs [s]
ontime6	4476.2656248808	Sum of GTIs [s]
l2events	12600	Number of level 2 events



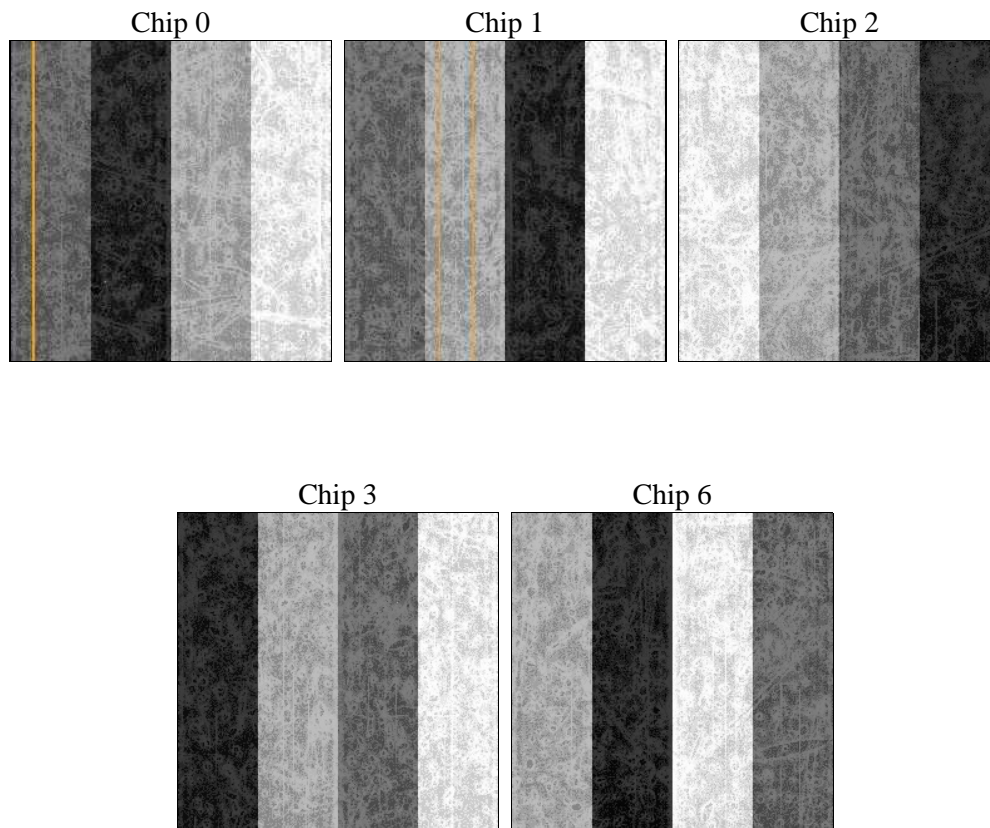
2 OBI

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	4473.2590441704	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	4476.3066648841	Sum of GTIs [s]
date	2012-04-07T08:57:11	Date and time of file creation	ontime1	4476.3477048874	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	4476.3887448907	Sum of GTIs [s]
			ontime3	4473.2590441704	Sum of GTIs [s]
			ontime6	4476.2656248808	Sum of GTIs [s]
			l1events	161851	Number of level 1 events

2.1.4 Events

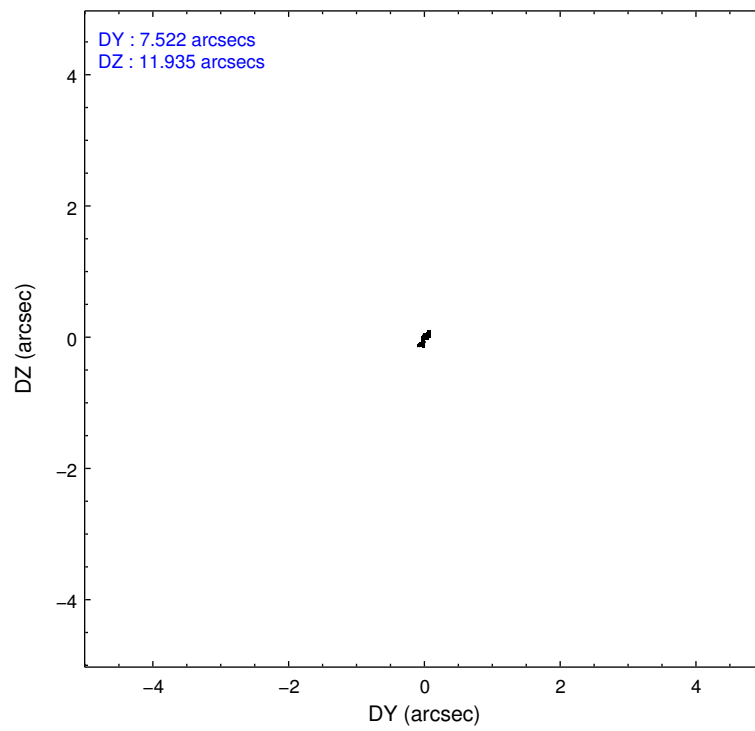
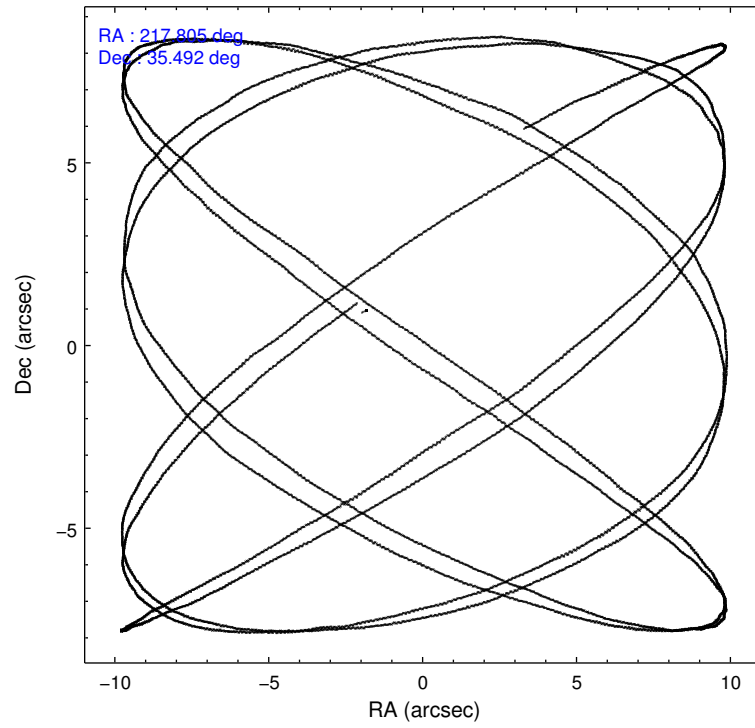
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	31881	31240	34670	31665	32395
rejected events	28831	28111	31630	28660	29069
rejected %	90%	89%	91%	90%	89%

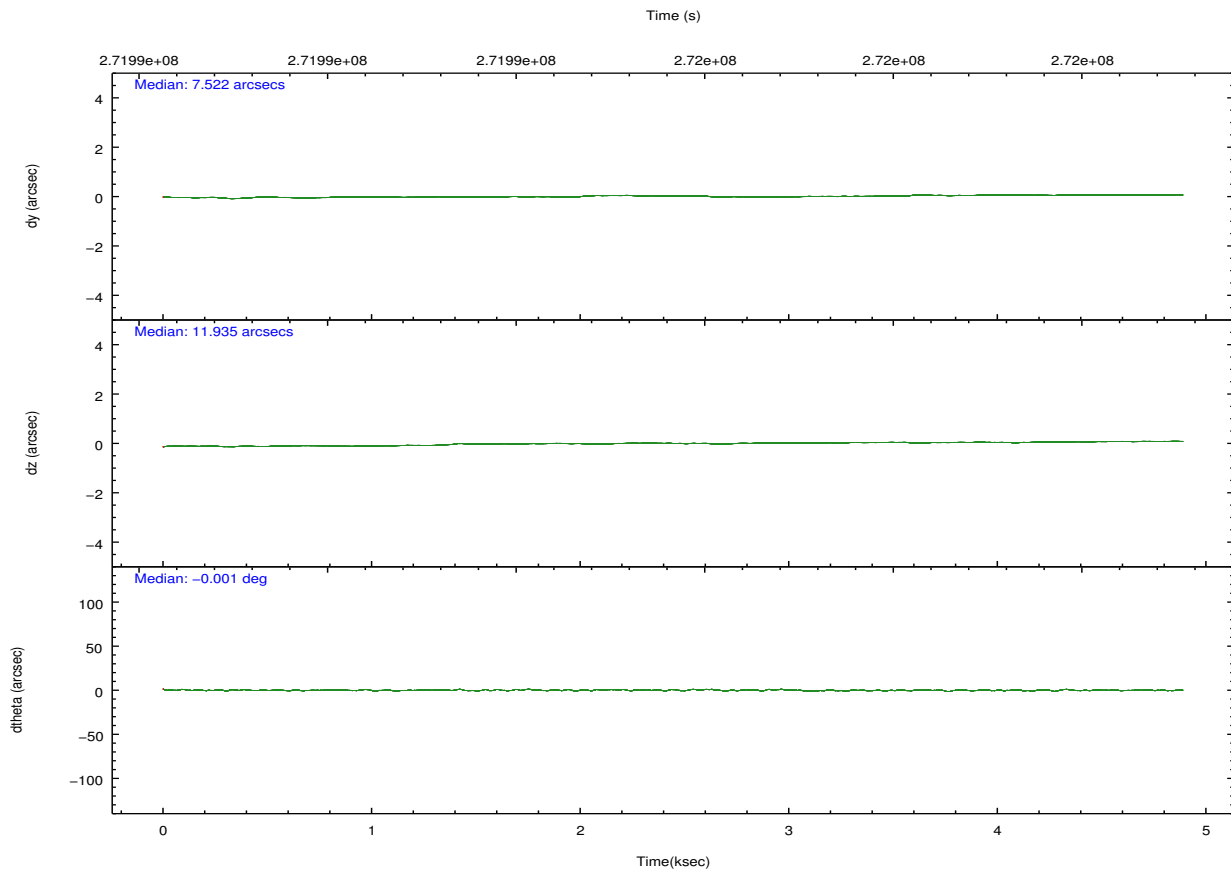
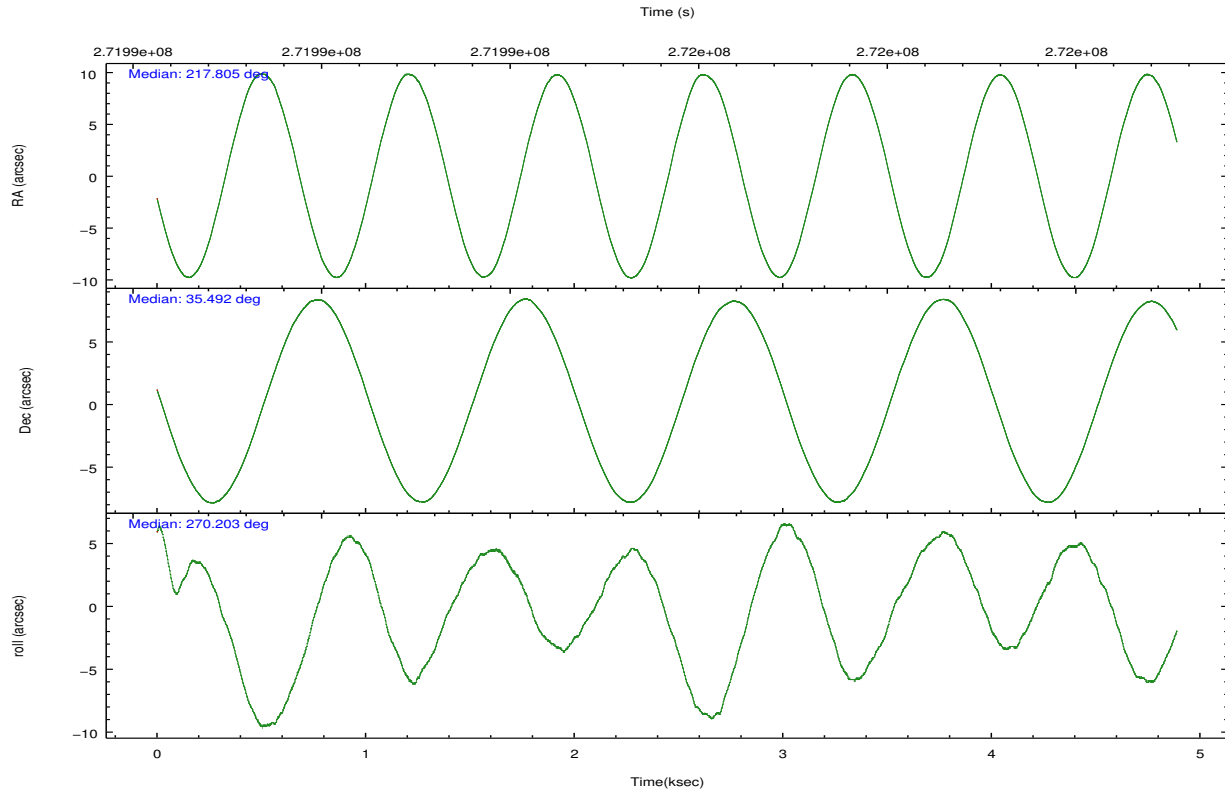
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	1065	1094	1141	1110	1253
	3%	3%	3%	3%	3%
grade 1 events	16	17	15	14	18
	0%	0%	0%	0%	0%
grade 2 events	743	676	743	622	670
	2%	2%	2%	1%	2%
grade 3 events	374	346	317	362	395
	1%	1%	0%	1%	1%
grade 4 events	339	385	310	337	362
	1%	1%	0%	1%	1%
grade 5 events	866	1007	879	1048	1076
	2%	3%	2%	3%	3%
grade 6 events	536	632	533	578	651
	1%	2%	1%	1%	2%
grade 7 events	27942	27083	30732	27594	27970
	87%	86%	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	217.788250	217.8053014287958	Subarray requested	NONE	NONE
[deg] Pointing Dec	35.515626	35.49198728651317	Alternating exposures requested	N	N
[deg] Pointing Roll	270.011183	270.2099633189371	[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)	271992573.184000	271992197.67651			
Observation start date	2006-08-15T01:28:28	2006-08-15T01:23:17			
[s] Observation end time (MET)	271997273.184000	271997407.75175			
Observation end date	2006-08-15T02:46:48	2006-08-15T02:50:07			
Read mode	TIMED	TIMED			

2.3 Aspect



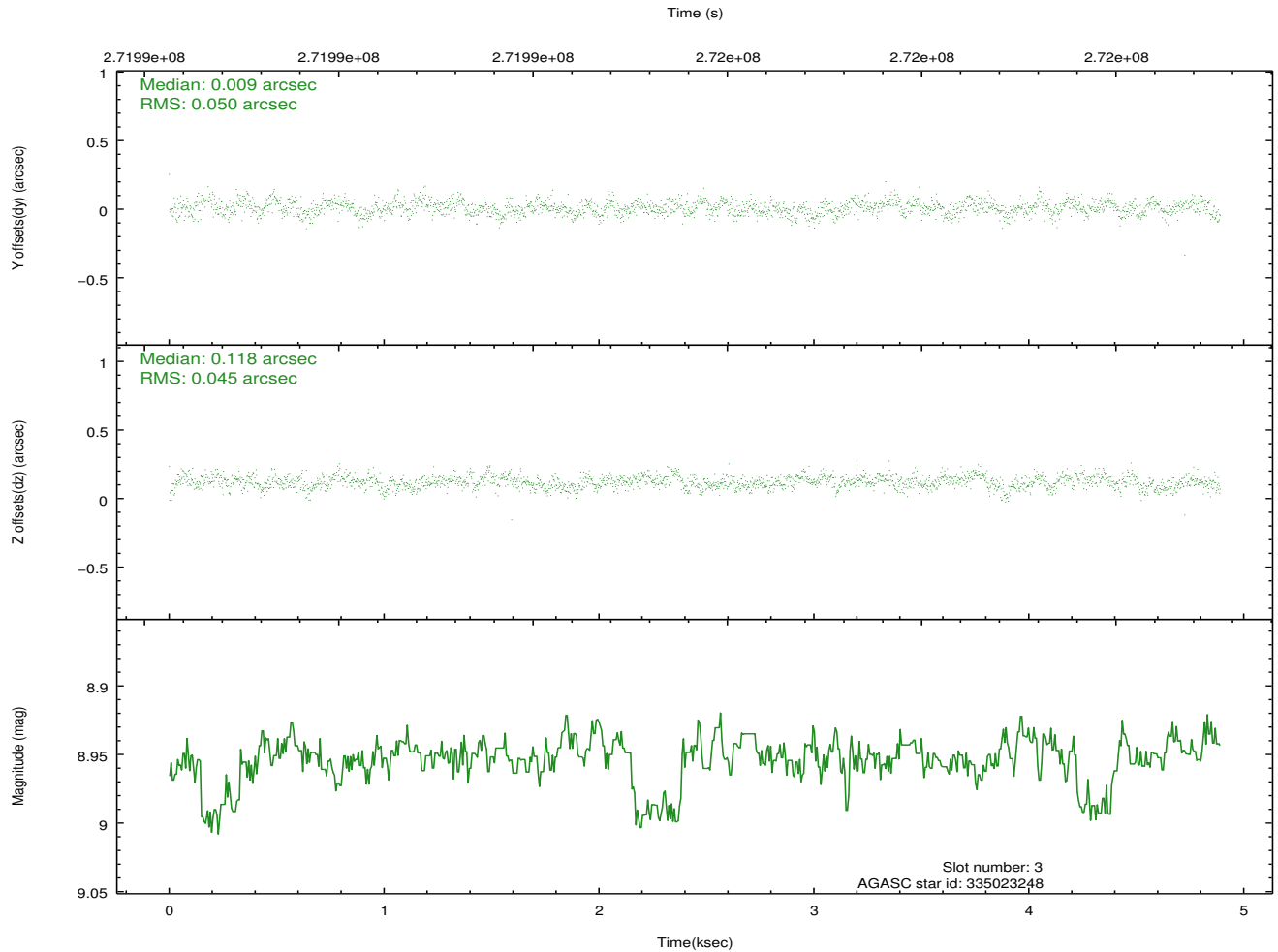
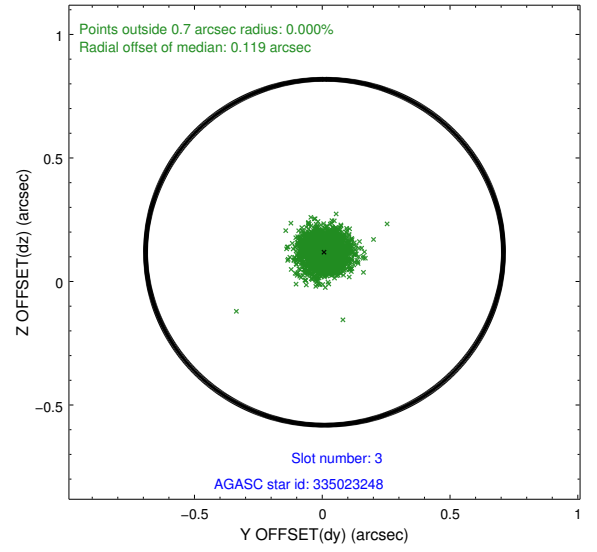
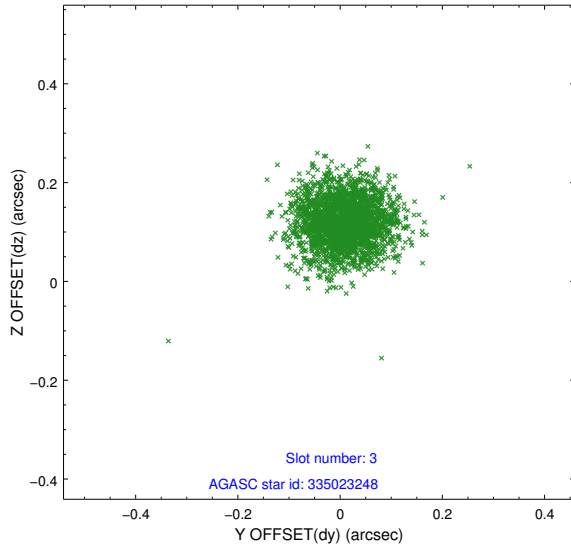


Slot Statistics

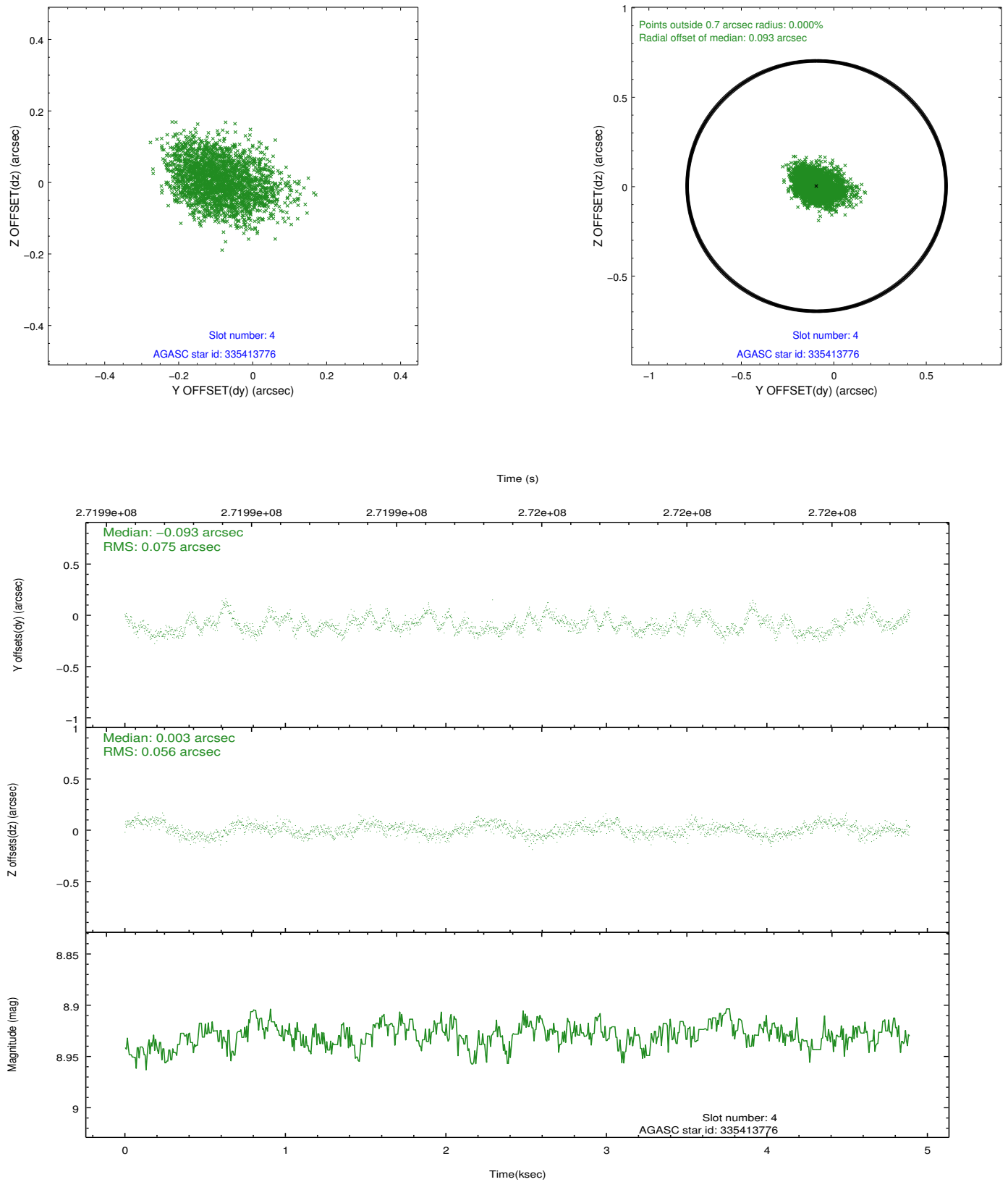
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	1193	0.057	-0.050	0.006	0.010	0.000000	0.000000	932.18	-835.51
1	FID	ACIS-I-5	7.23	1193	-0.176	0.065	0.006	0.011	0.000000	0.000000	-1815.44	1061.51
2	FID	ACIS-I-6	7.24	1193	0.028	0.056	0.006	0.011	0.000000	0.000000	396.38	1707.39
3	GUIDE	335023248	8.95	2383	0.009	0.118	0.071	0.116	217.634832	34.944512	2055.89	-452.65
4	GUIDE	335413776	8.93	2382	-0.093	0.003	0.100	0.158	218.421411	36.051962	-1935.73	1842.68
5	GUIDE	335414448	7.37	2317	-0.075	0.007	0.069	0.110	216.992261	35.577204	-231.56	-2329.28
6	GUIDE	335417968	9.39	2386	0.110	-0.169	0.113	0.176	217.358149	35.055285	1654.66	-1268.66
7	GUIDE	335421696	8.96	2384	0.051	0.040	0.080	0.125	218.045699	35.772449	-924.25	752.01

2.4 Star Slots

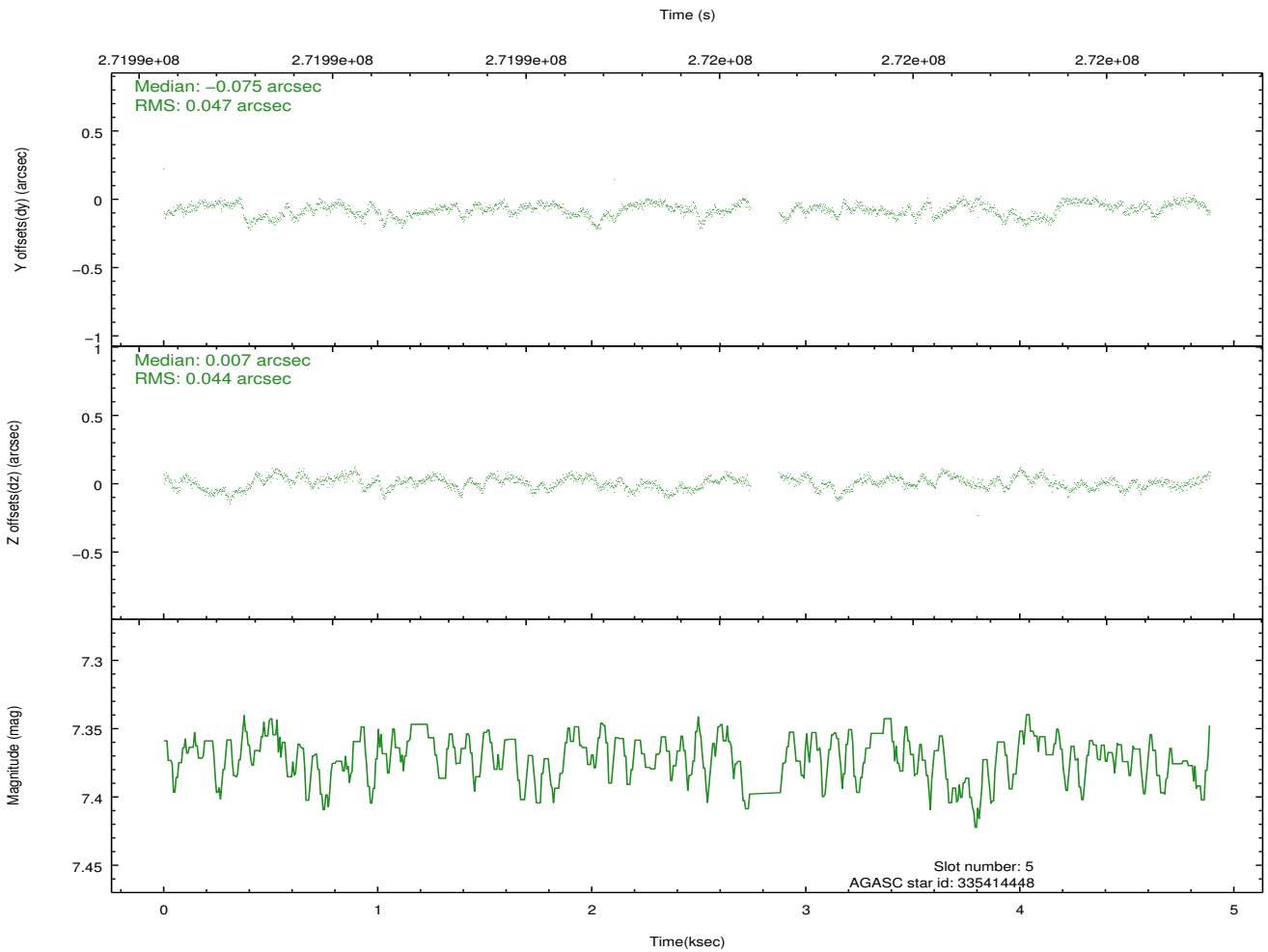
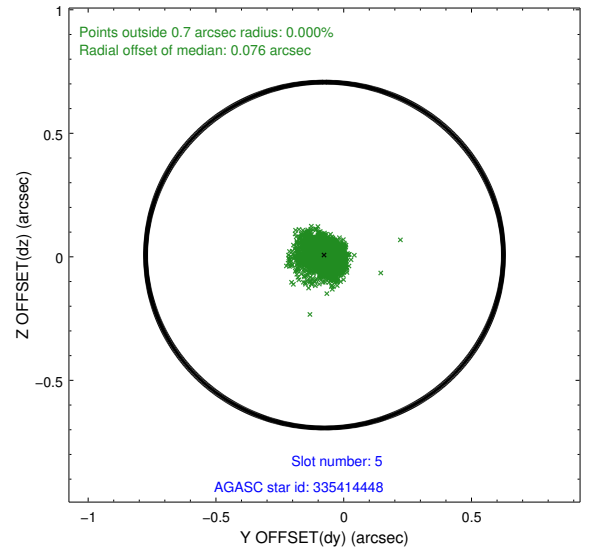
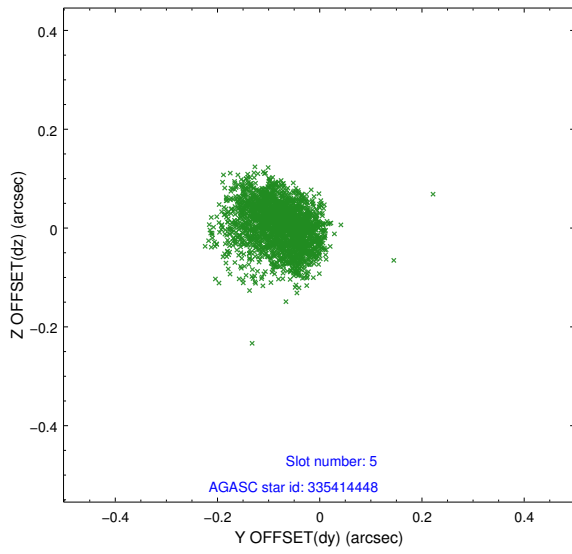
2.4.1 Slot 3



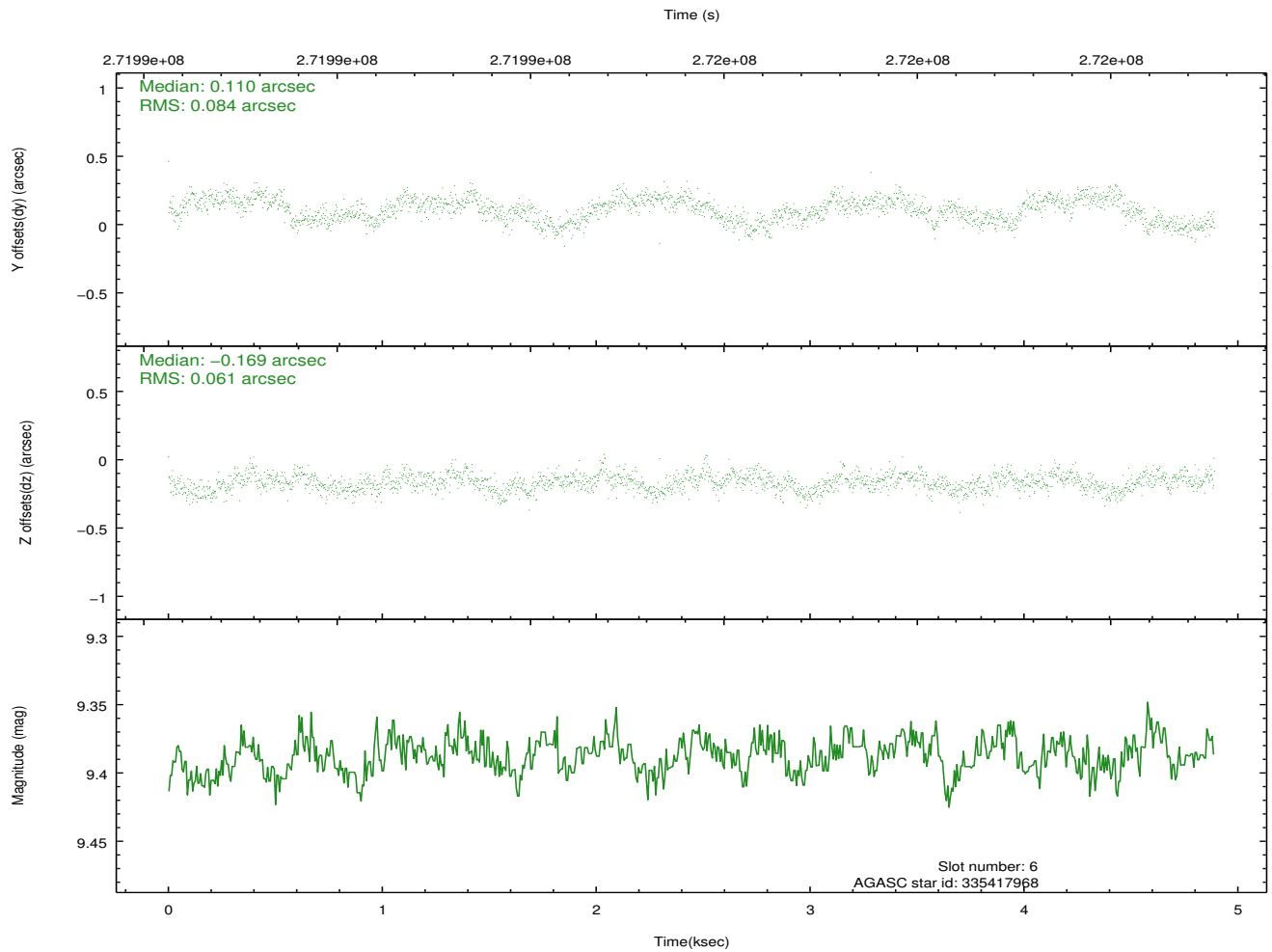
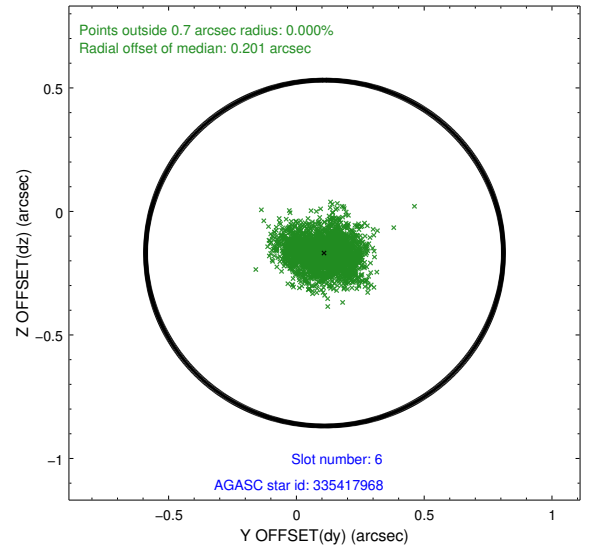
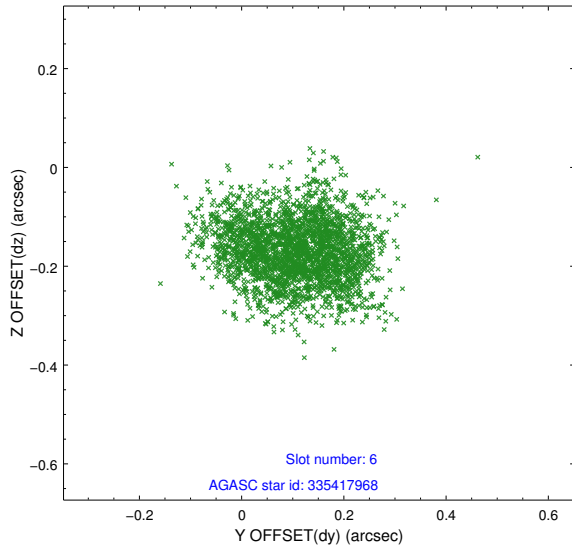
2.4.2 Slot 4



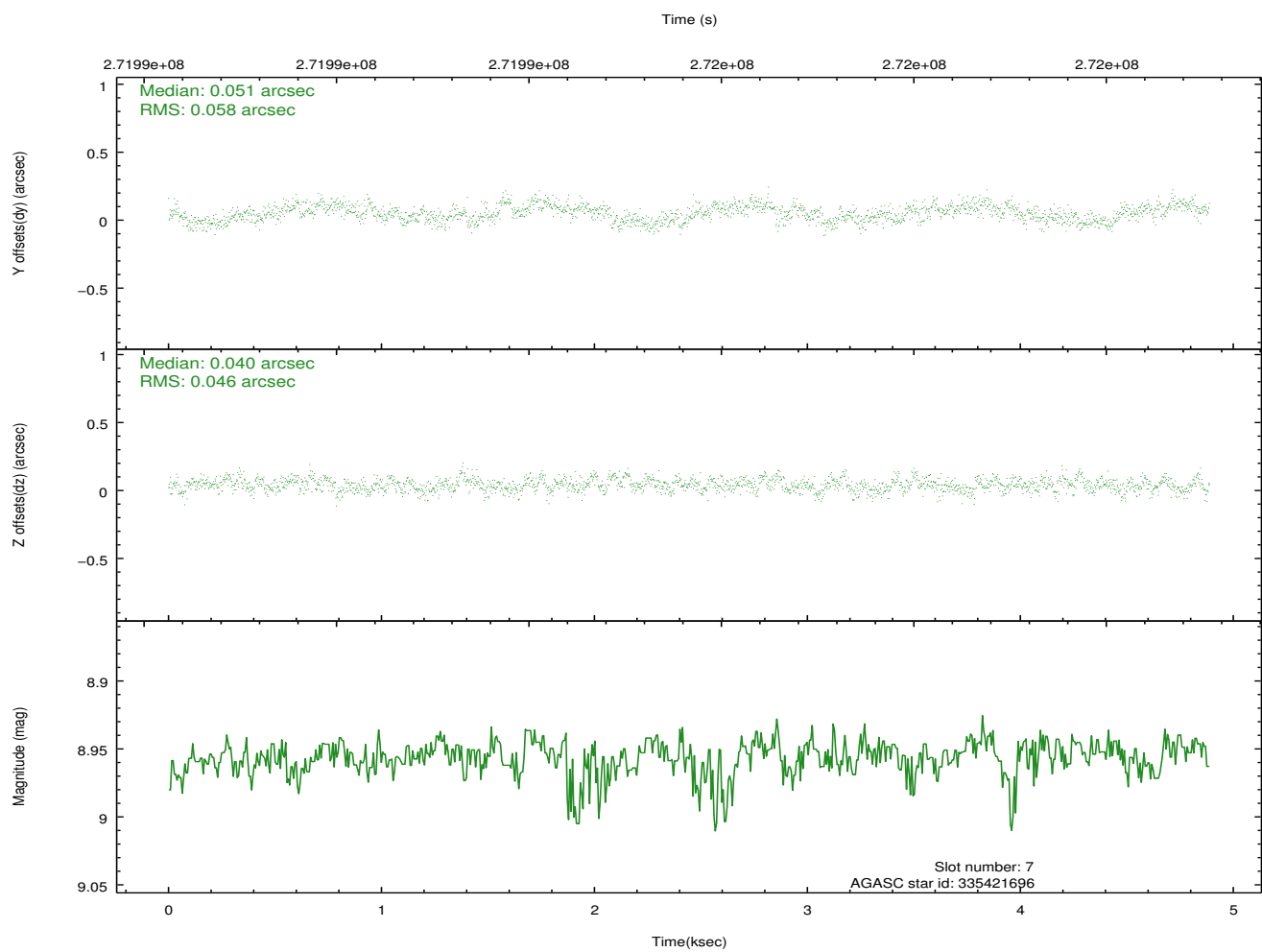
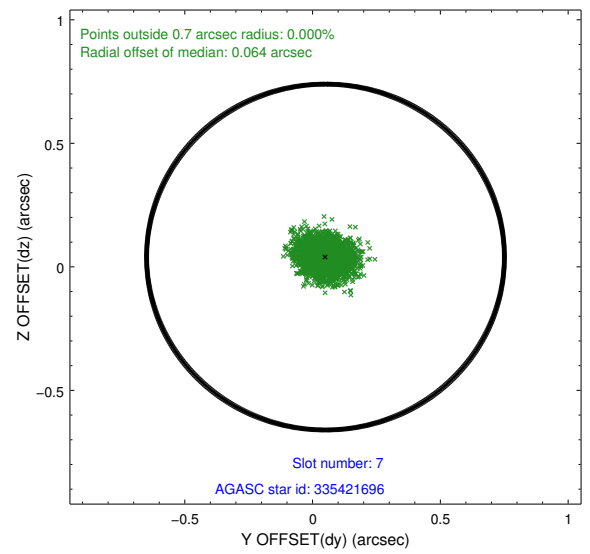
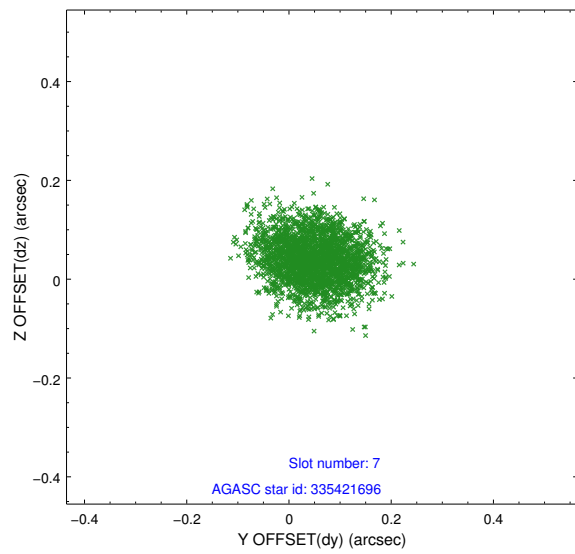
2.4.3 Slot 5



2.4.4 Slot 6

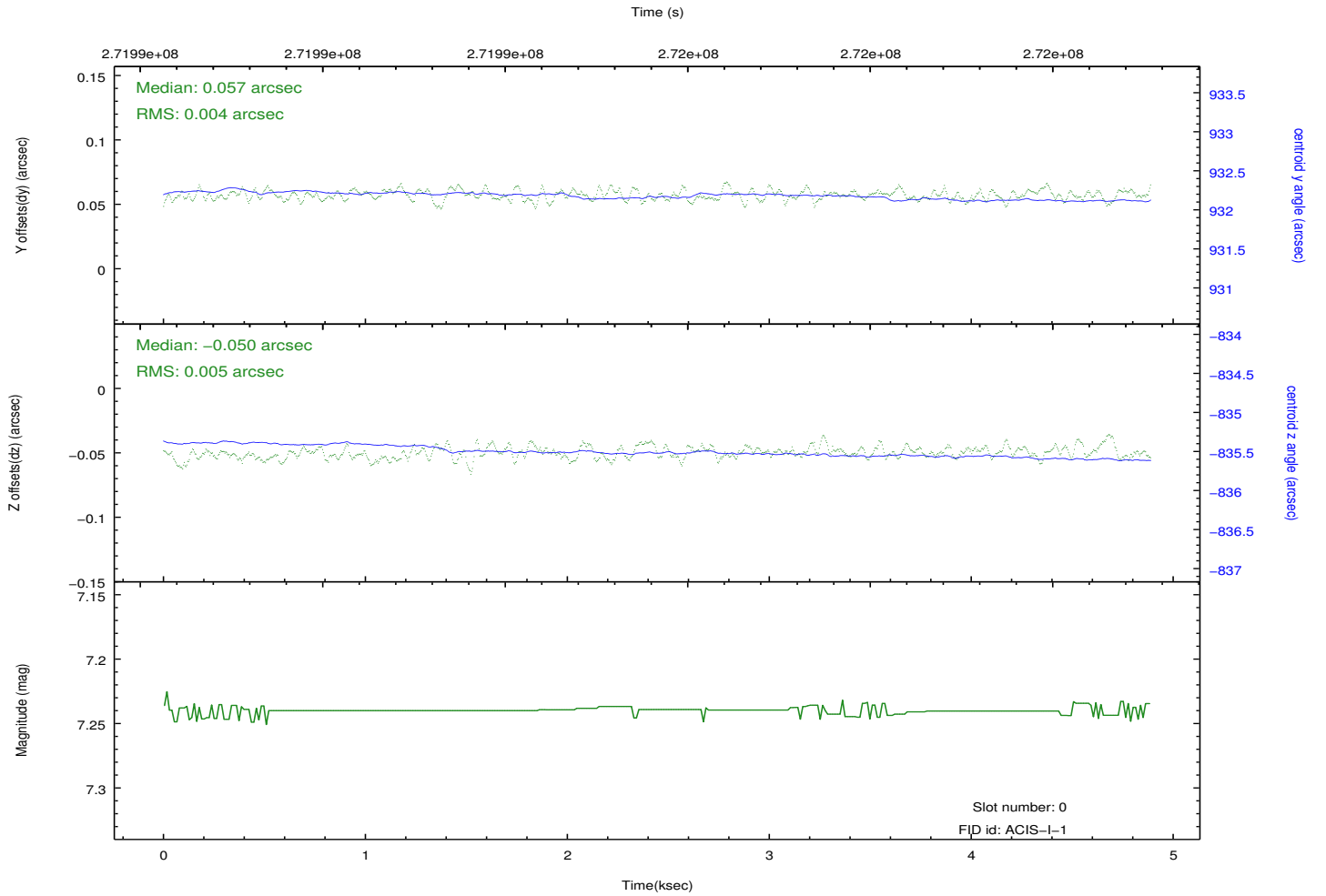
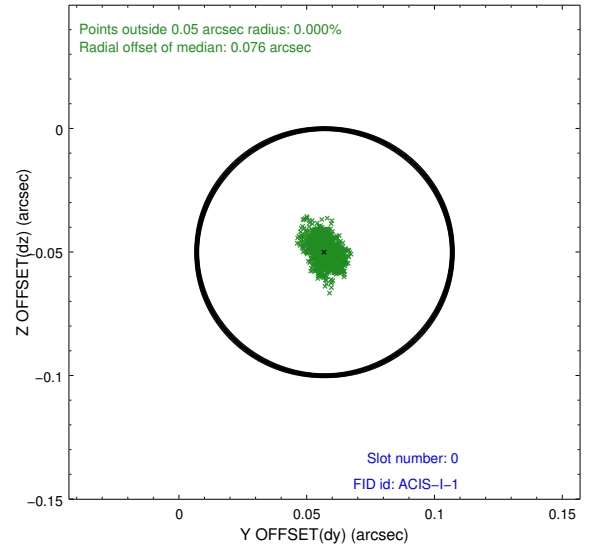
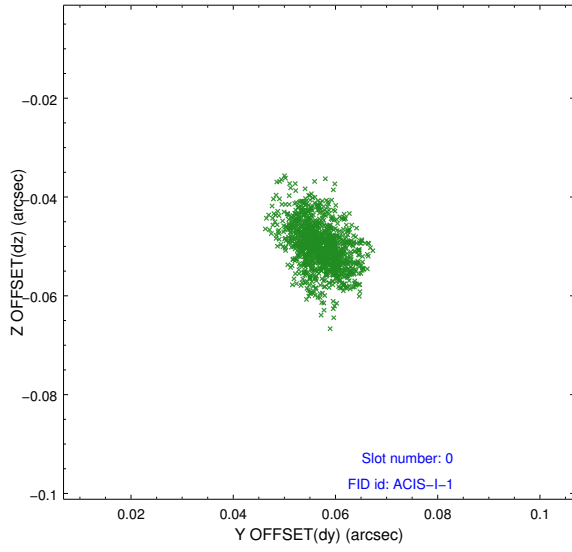


2.4.5 Slot 7

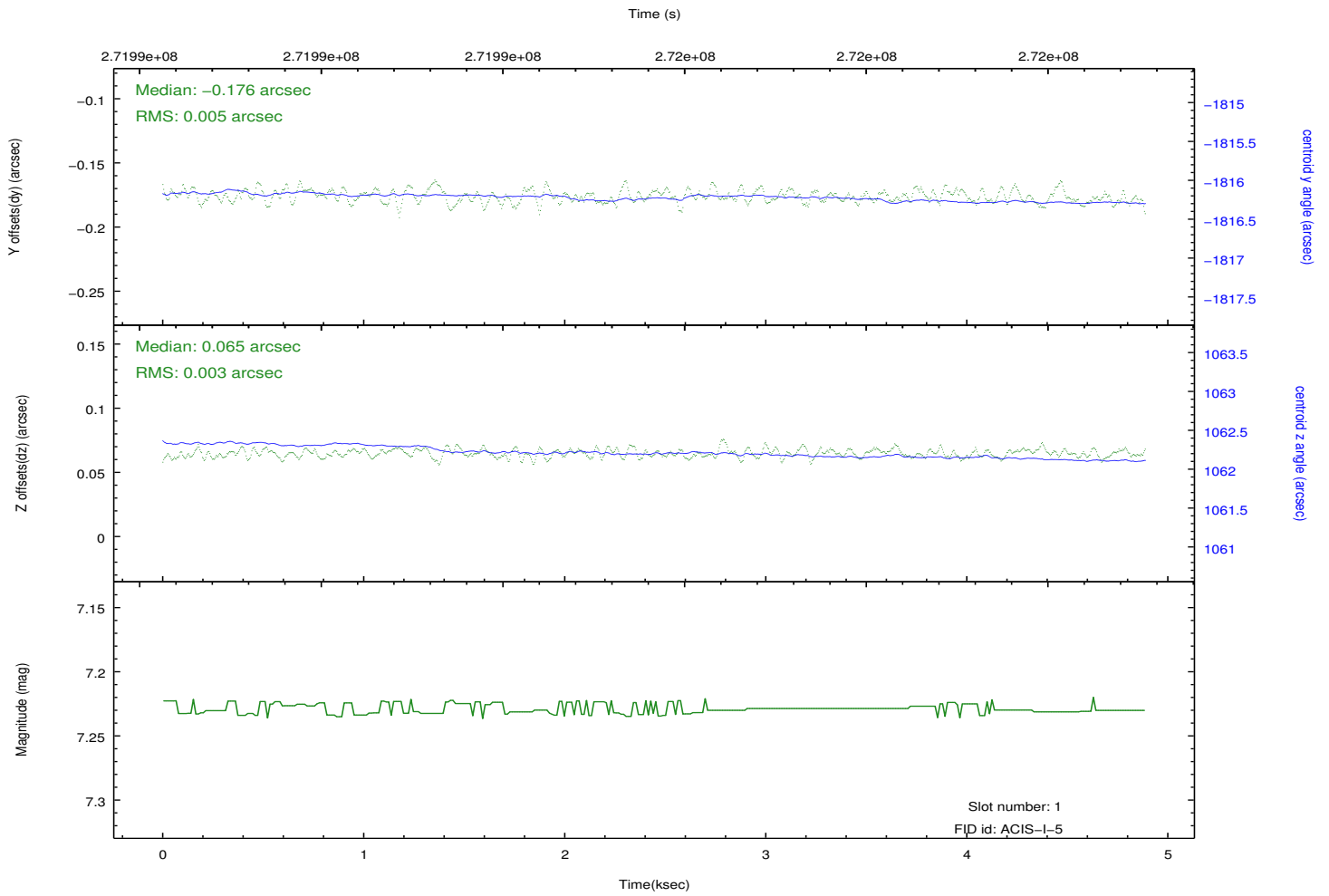
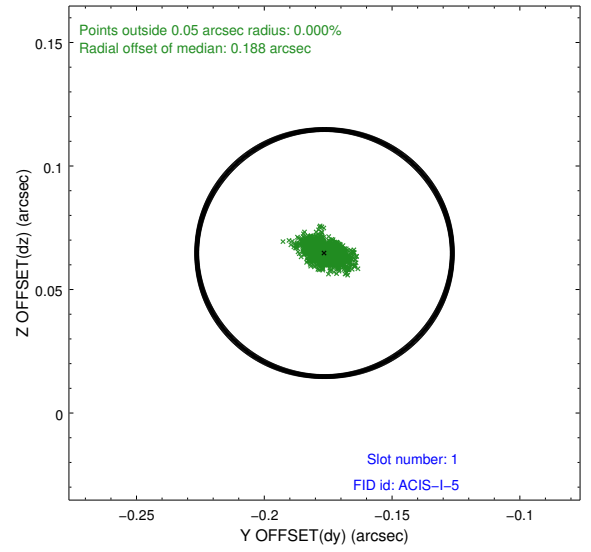
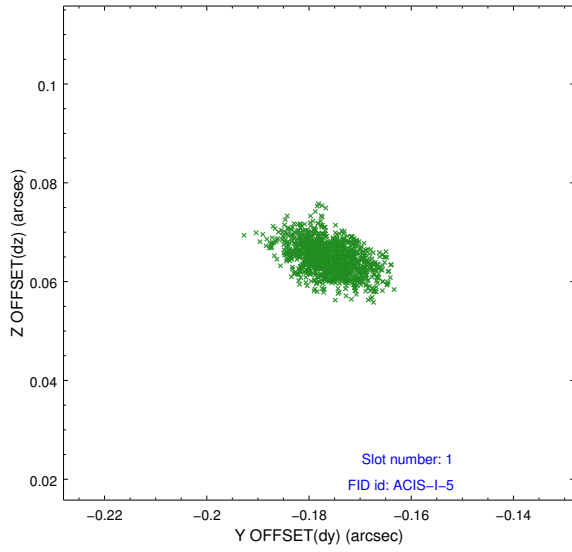


2.5 FID Slots

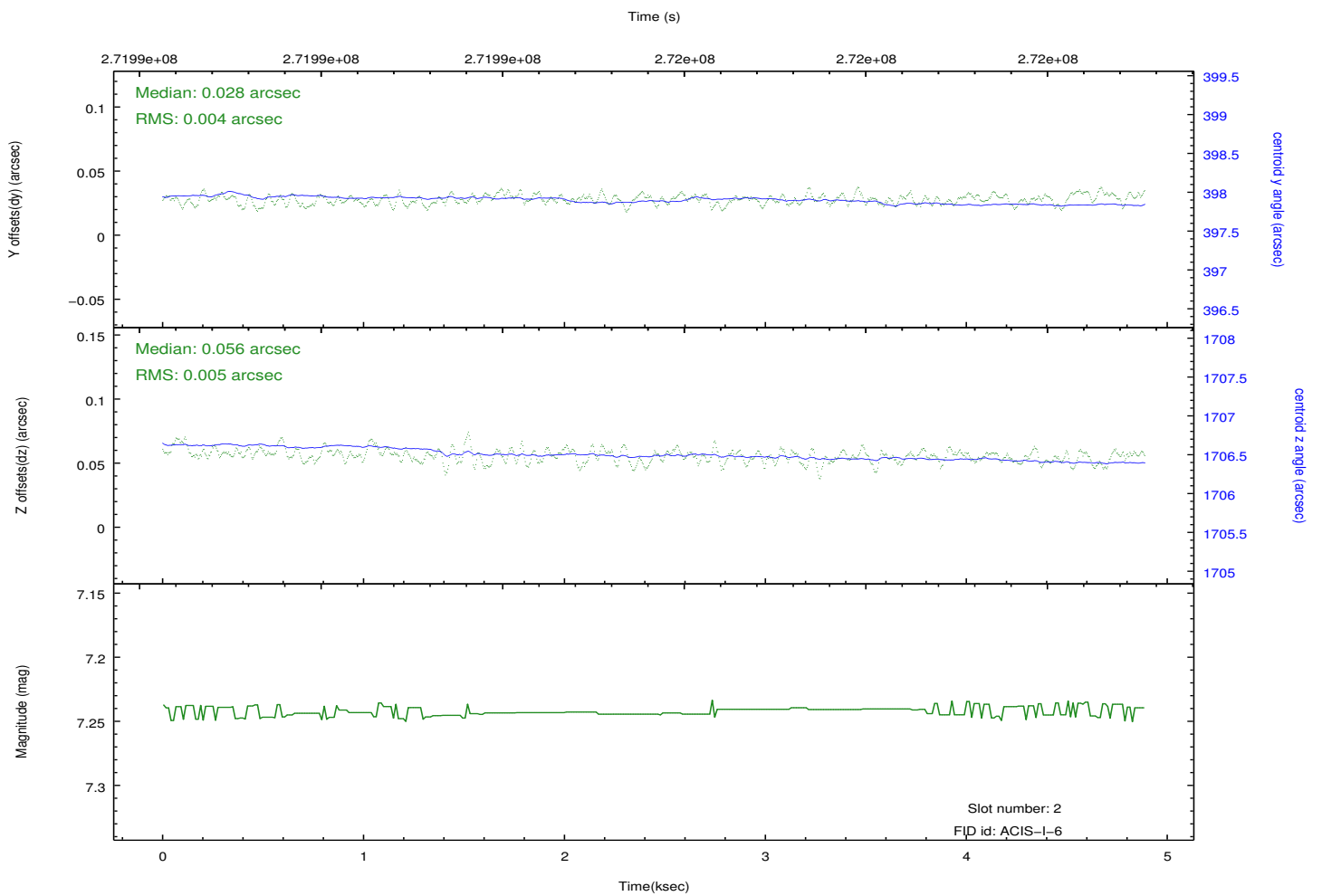
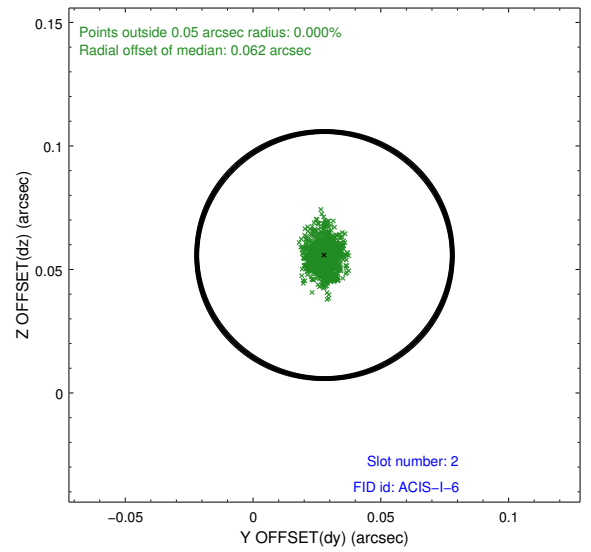
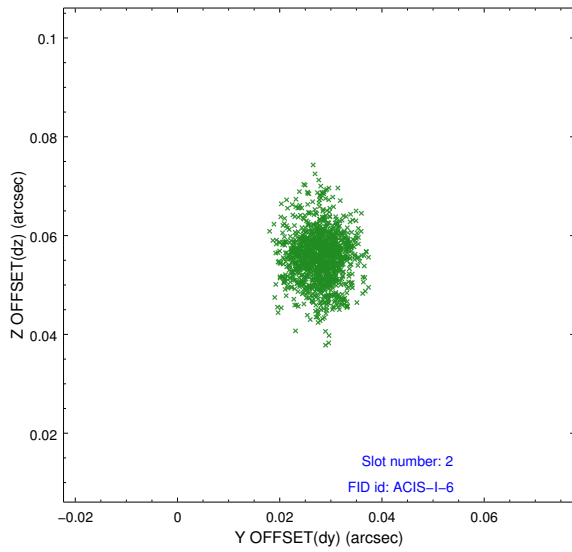
2.5.1 Slot 0



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	4.47325904

A.2 Comments