

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 6986 - L2 Version 2
Chandra X-Ray Center

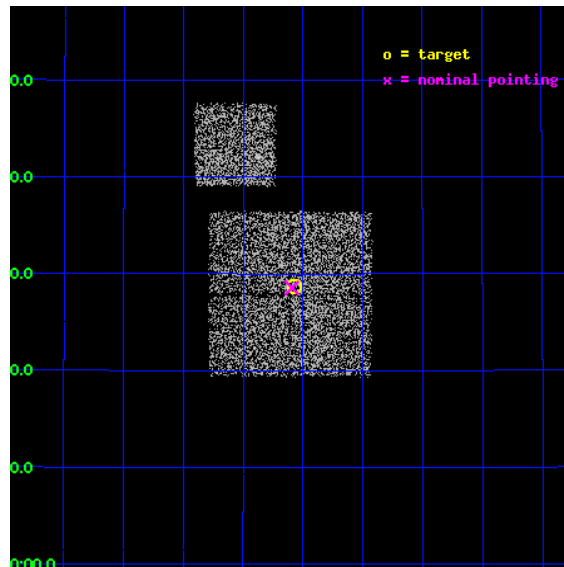
L2 Processing Date : Apr 12 2012

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1 Front

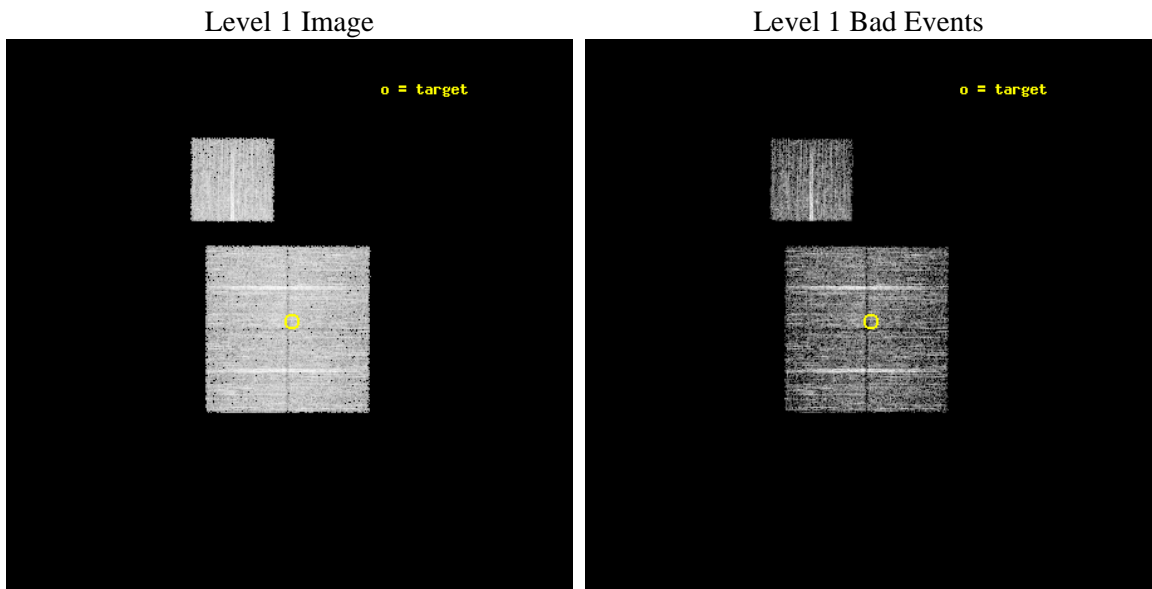
seq_num	900402	Sequence number
obs_id	6986	Observation id
title	Chandra Large Scale Survey of the NOAO Bootes Deep Field (A)	Propo
observer	Dr. Stephen Murray	Principal investigator
object	Bootes2 8	Source name
dtycycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	216.518158	Observer's specified target RA [deg]
dec_targ	33.477839	Observer's specified target Dec [deg]
ra_nom	216.52331458848	Nominal RA [deg]
dec_nom	33.475973720156	Nominal Dec [deg]
roll_nom	0.20583986781483	Nominal Roll [deg]
revision	2	Processing version of data
ontime	4773.551435411	Sum of GTIs [s]
livetime	4711.1814716699	Livetime [s]
ontime0	4776.5692955852	Sum of GTIs [s]
ontime1	4776.6103157401	Sum of GTIs [s]
ontime2	4776.6513755918	Sum of GTIs [s]
ontime3	4773.551435411	Sum of GTIs [s]
ontime6	4776.5282357335	Sum of GTIs [s]
l2events	13779	Number of level 2 events



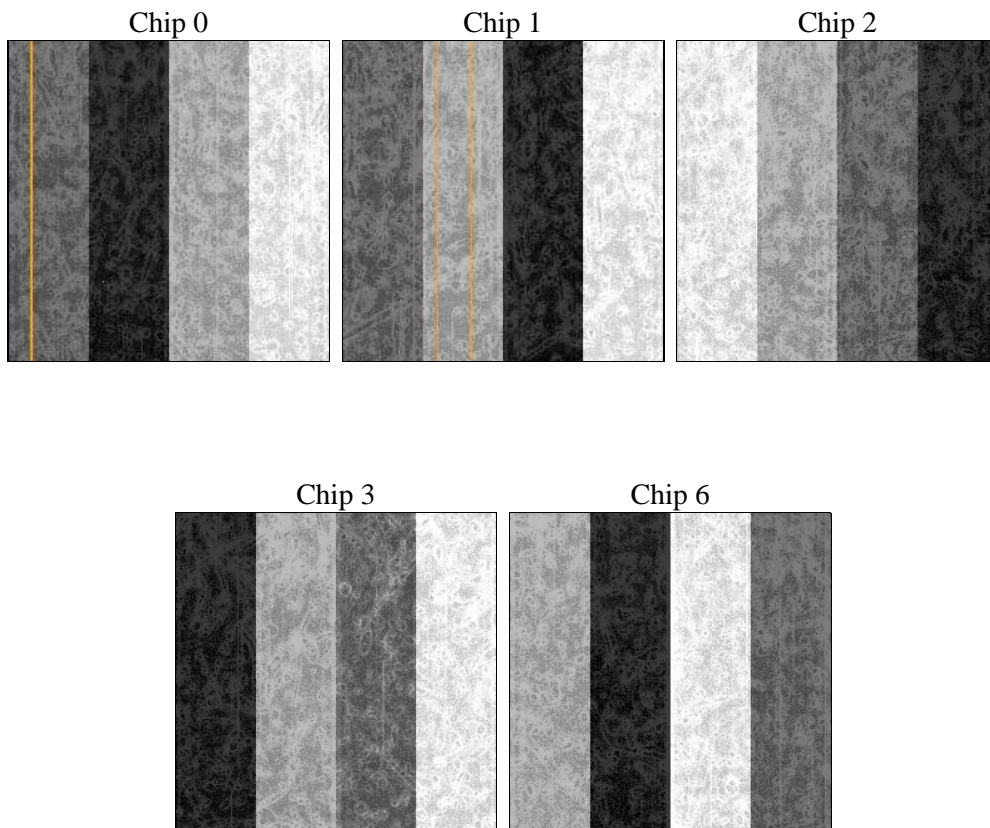
2 OBI

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	4773.551435411	Sum of GTIs [s]
caldbver	4.4.9	 	ontime0	4776.5692955852	Sum of GTIs [s]
date	2012-04-12T22:57:08	Date and time of file creation	ontime1	4776.6103157401	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	4776.6513755918	Sum of GTIs [s]
			ontime3	4773.551435411	Sum of GTIs [s]
			ontime6	4776.5282357335	Sum of GTIs [s]
			l1events	175450	Number of level 1 events

2.1.4 Events

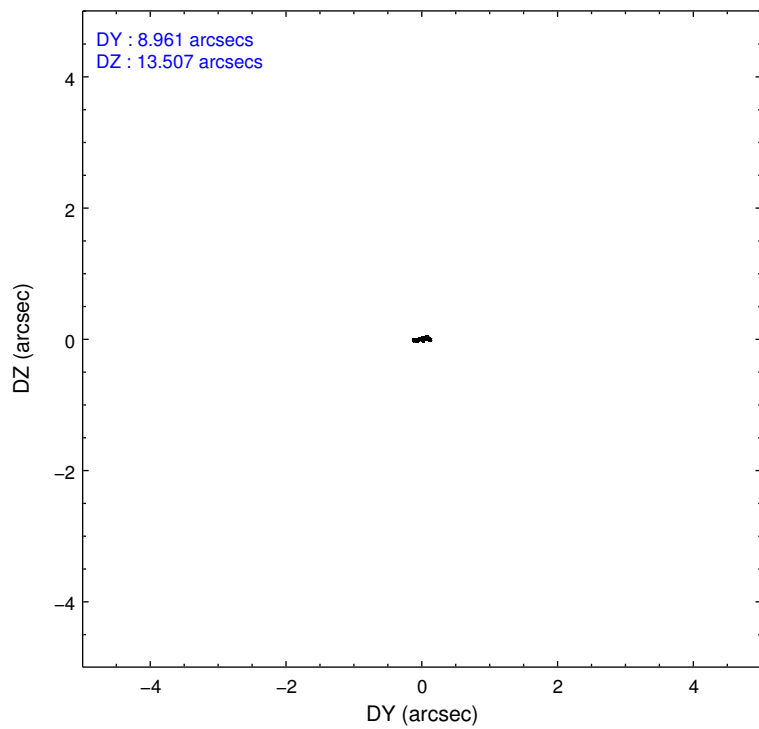
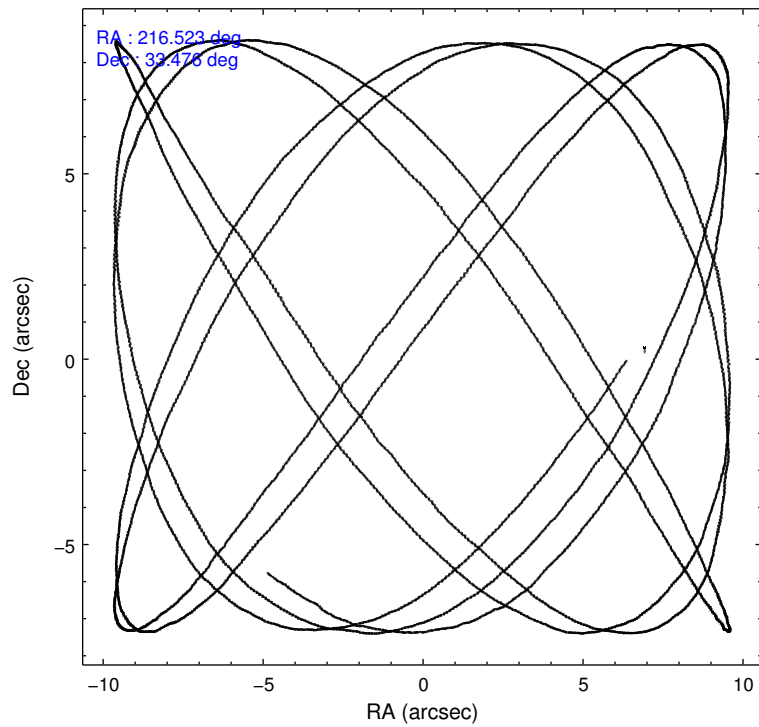
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	33971	32930	38695	34802	35052
rejected events	30622	29394	35361	31644	31564
rejected %	90%	89%	91%	90%	90%

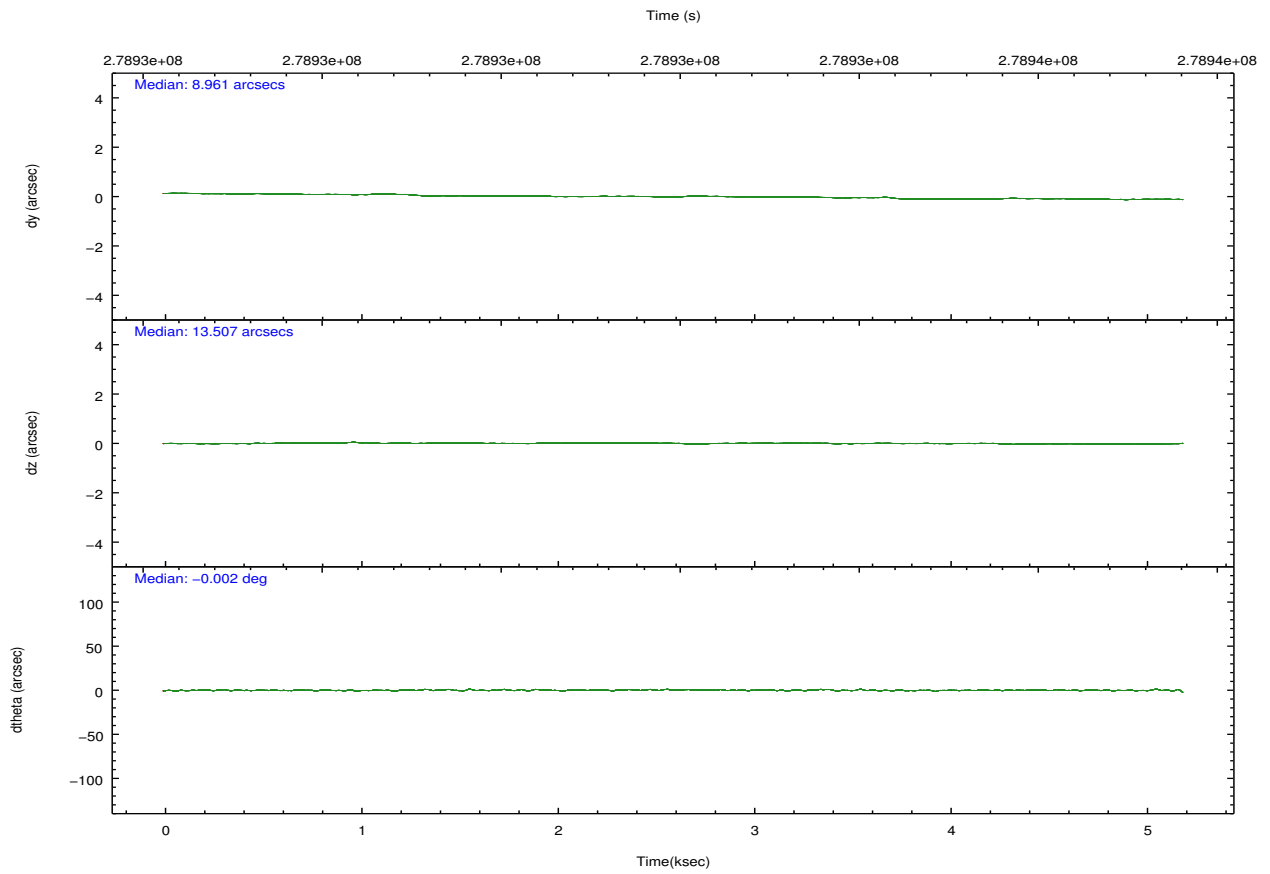
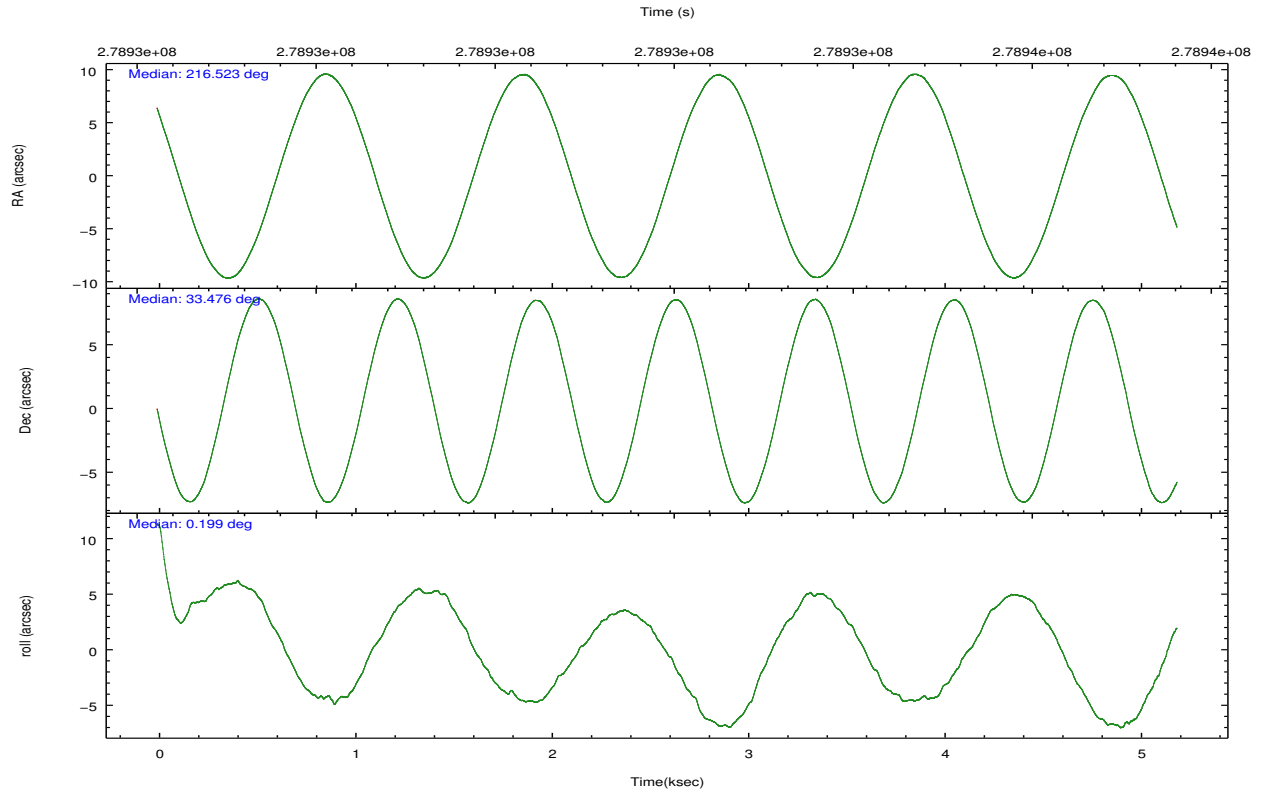
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	1151	1166	1302	1086	1312
	3%	3%	3%	3%	3%
grade 1 events	13	12	21	17	13
	0%	0%	0%	0%	0%
grade 2 events	855	828	808	688	759
	2%	2%	2%	1%	2%
grade 3 events	388	440	353	423	366
	1%	1%	0%	1%	1%
grade 4 events	344	429	354	343	360
	1%	1%	0%	0%	1%
grade 5 events	984	1169	937	1122	1145
	2%	3%	2%	3%	3%
grade 6 events	612	676	518	619	695
	1%	2%	1%	1%	1%
grade 7 events	29624	28210	34402	30504	30402
	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	216.494976	216.523314588484	Subarray requested	NONE	NONE
[deg] Pointing Dec	33.462170	33.47597372015616	Alternating exposures requested	N	N
[deg] Pointing Roll	0.012782	0.2058398678148325	[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)	278930550.184000	278930173.92807			
Observation start date	2006-11-03T08:41:25	2006-11-03T08:36:13			
[s] Observation end time (MET)	278935550.184000	278935683.81583			
Observation end date	2006-11-03T10:04:45	2006-11-03T10:08:03			
Read mode	TIMED	TIMED			

2.3 Aspect



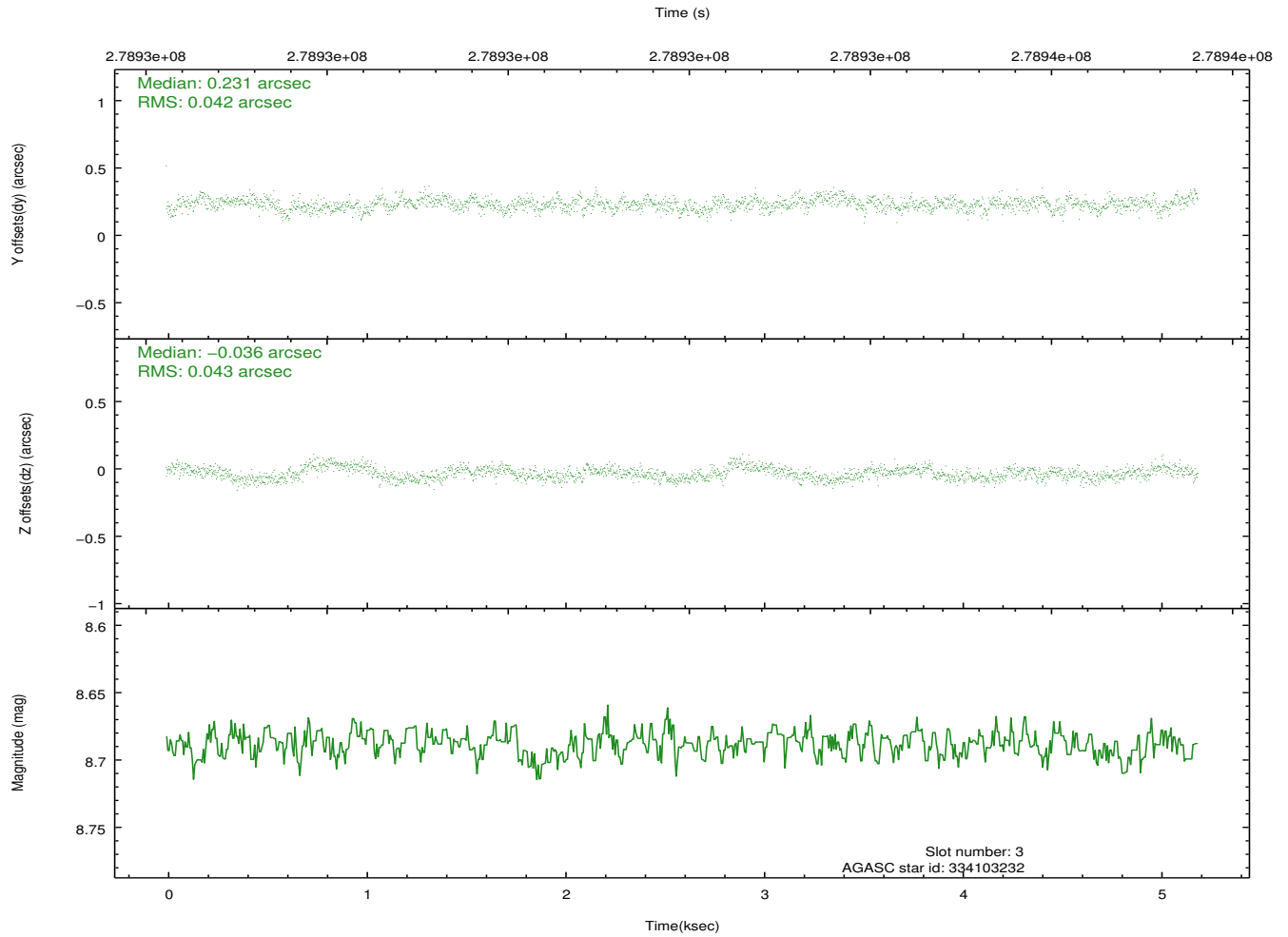
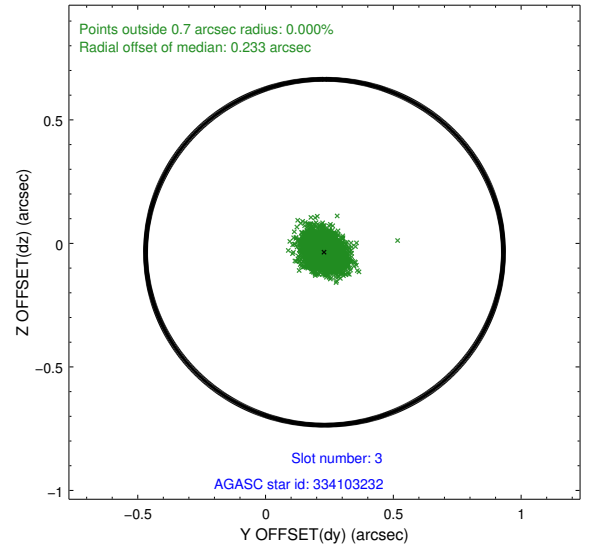
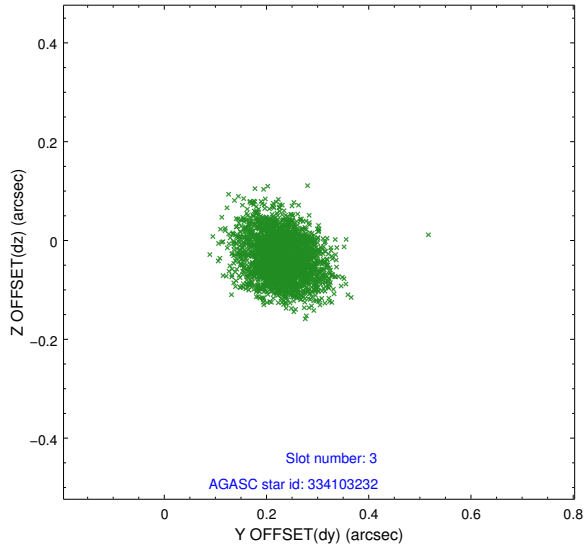


Slot Statistics

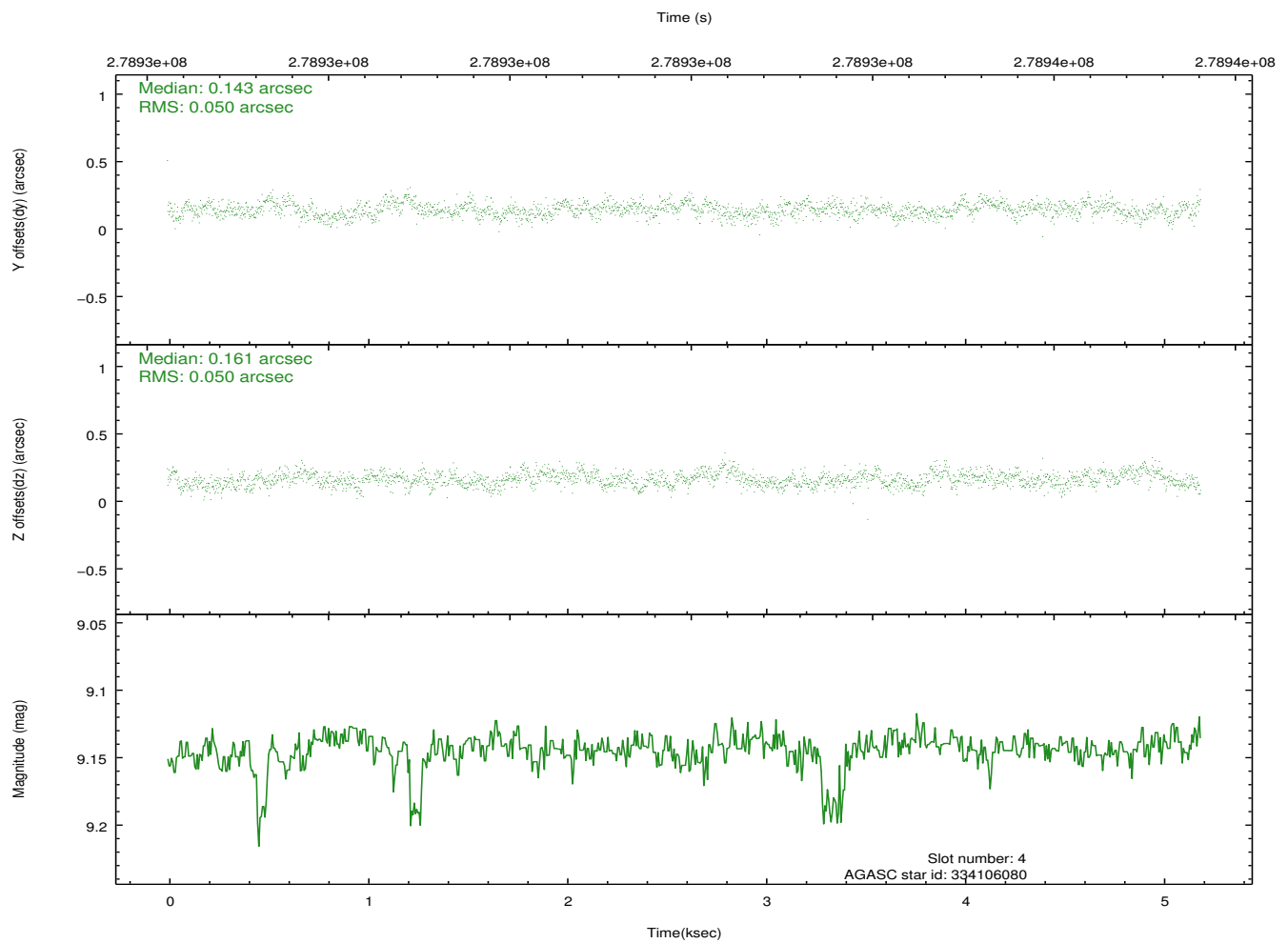
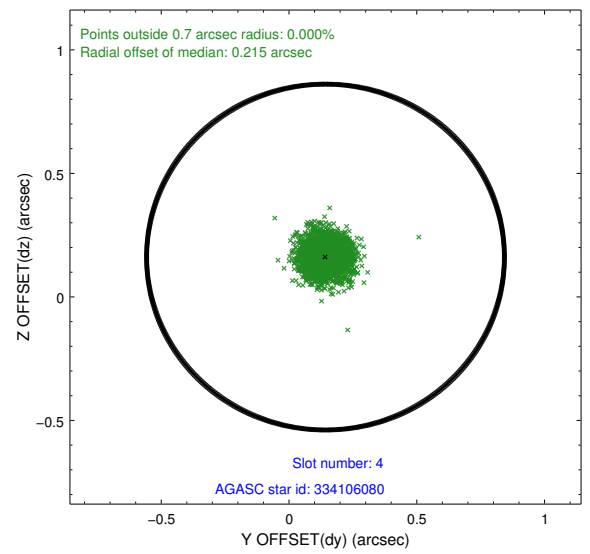
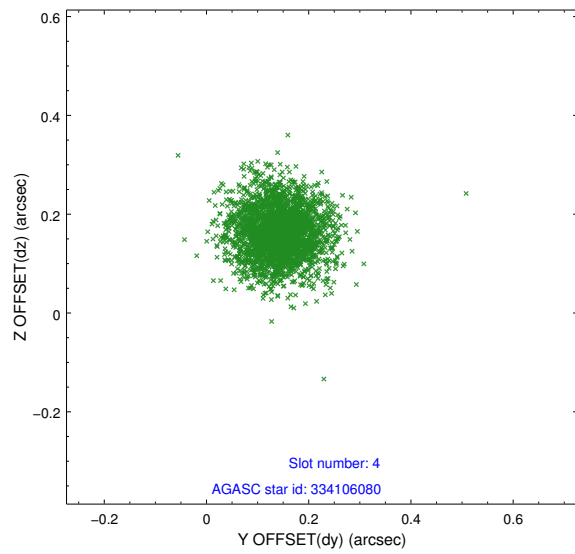
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	1267	0.032	0.011	0.006	0.012	0.000000	0.000000	930.70	-837.06
1	FID	ACIS-I-5	7.23	1267	-0.198	0.044	0.006	0.011	0.000000	0.000000	-1817.00	1059.87
2	FID	ACIS-I-6	7.24	1267	0.075	0.016	0.007	0.011	0.000000	0.000000	395.02	1705.68
3	GUIDE	334103232	8.69	2534	0.231	-0.036	0.065	0.103	215.850271	33.571936	-1933.25	401.81
4	GUIDE	334106080	9.14	2522	0.143	0.161	0.075	0.121	215.767785	32.987168	-2196.57	-1701.52
5	GUIDE	335022112	9.22	2530	-0.052	0.074	0.081	0.133	216.659296	32.794758	496.45	-2402.83
6	GUIDE	335028696	9.18	2533	-0.388	-0.147	0.086	0.139	217.260519	33.844112	2289.22	1382.62
7	GUIDE	335029808	9.07	2533	0.066	-0.050	0.089	0.143	216.789548	33.180488	888.58	-1011.88

2.4 Star Slots

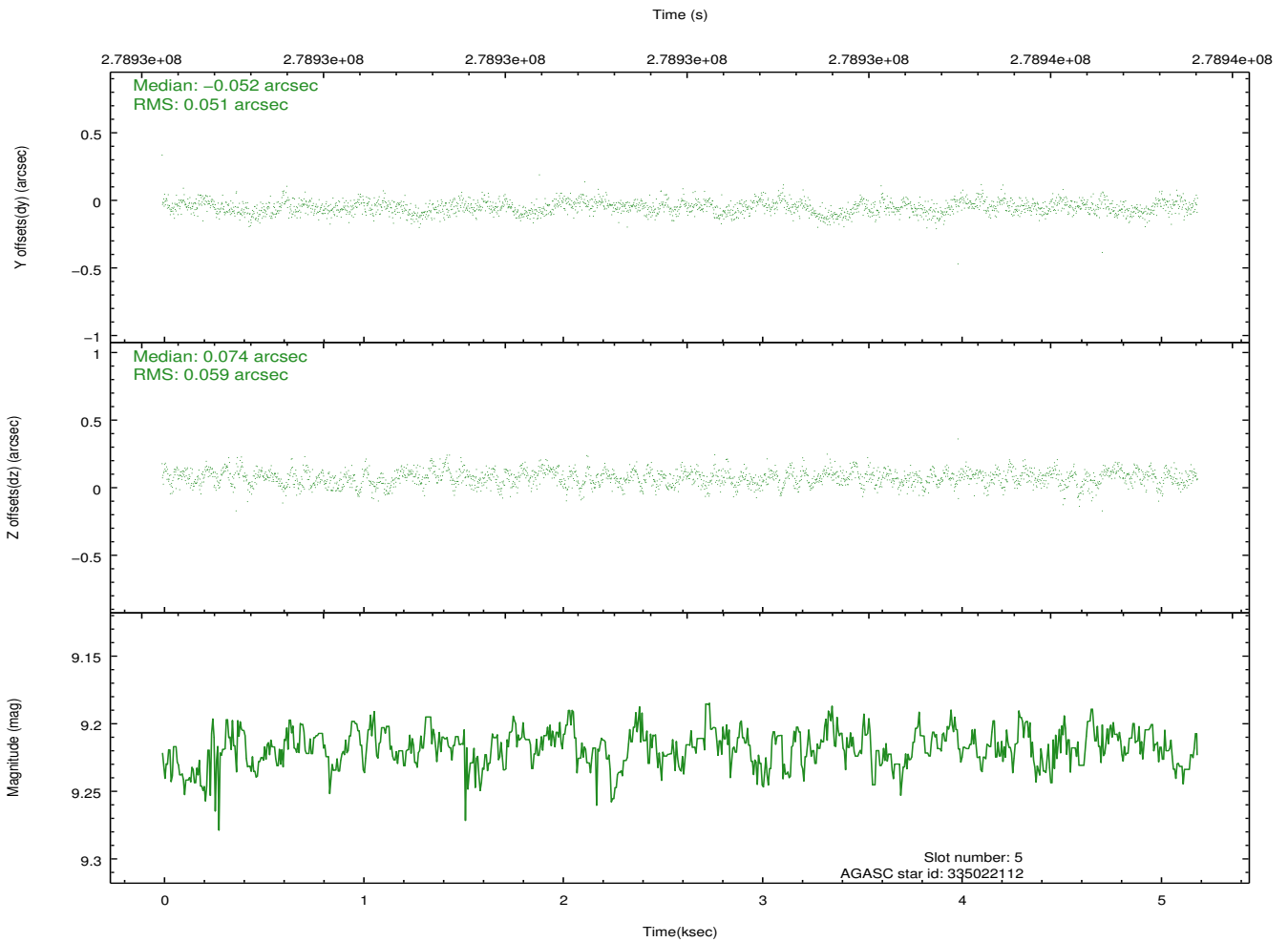
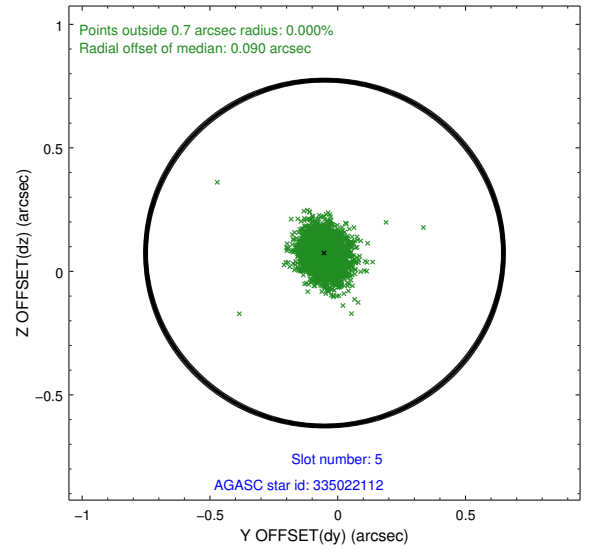
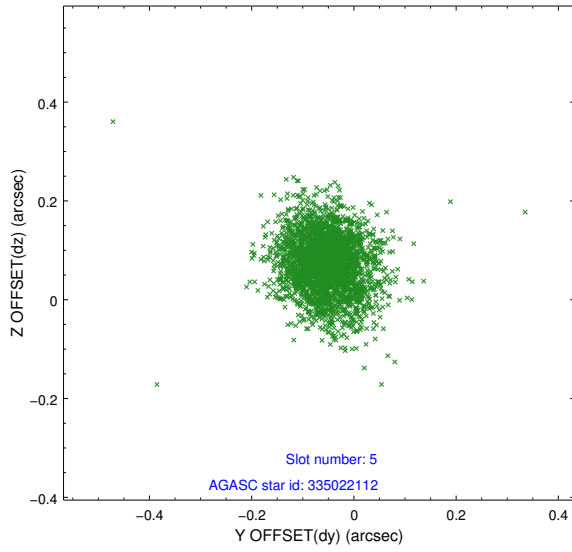
2.4.1 Slot 3



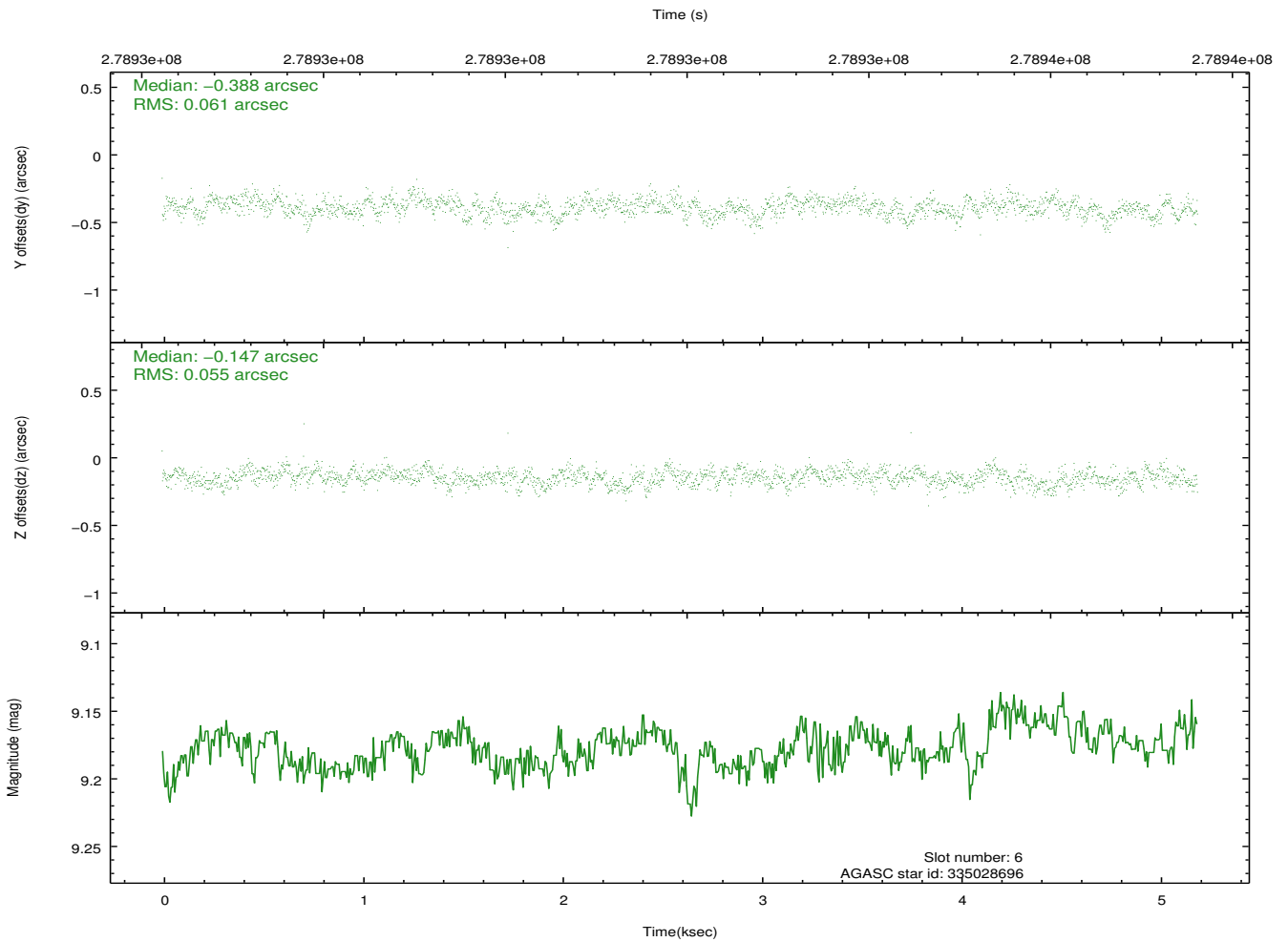
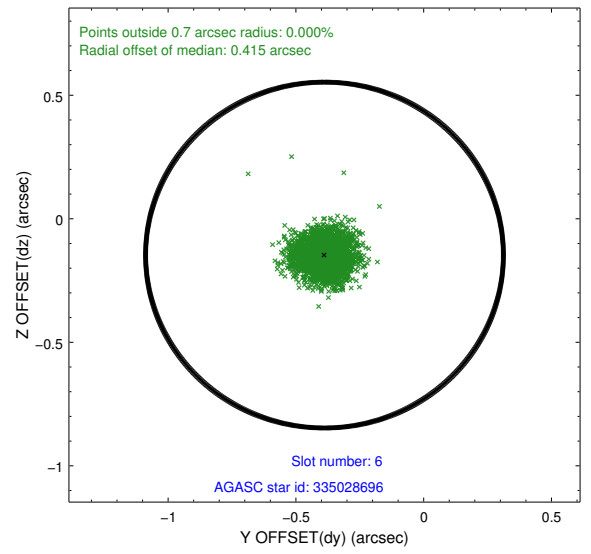
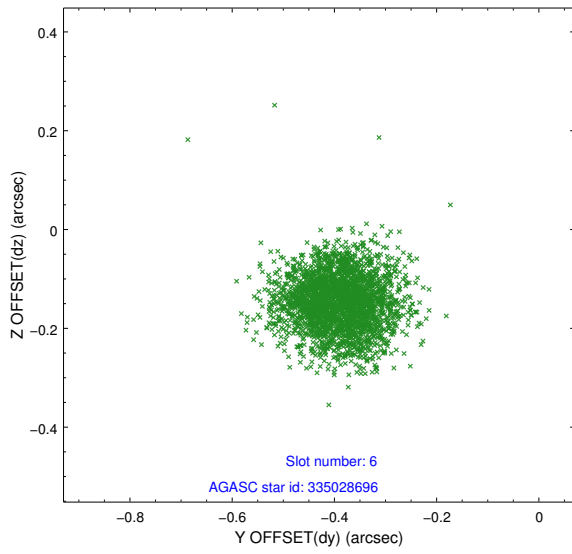
2.4.2 Slot 4



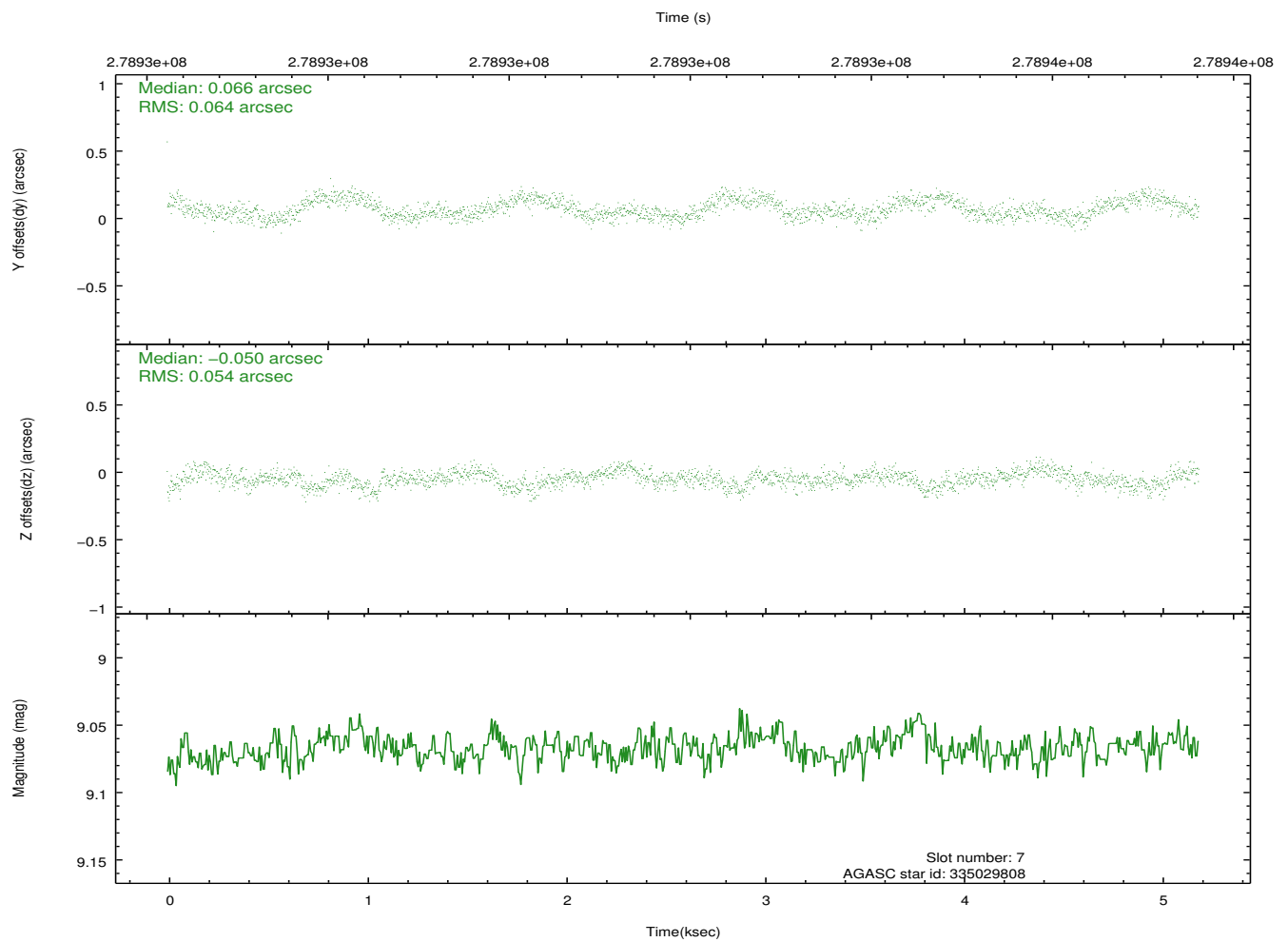
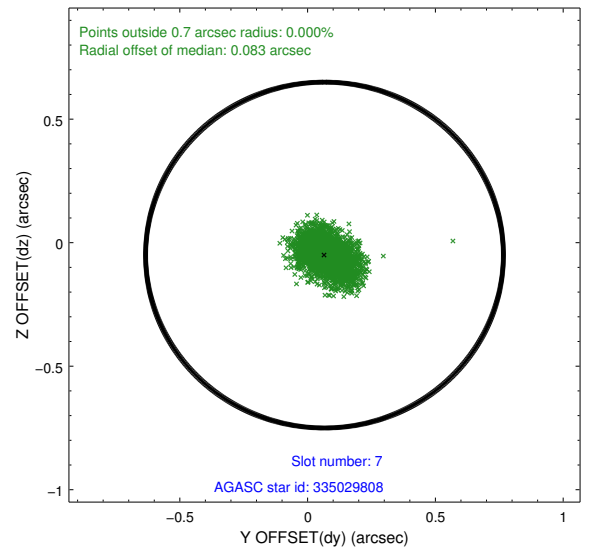
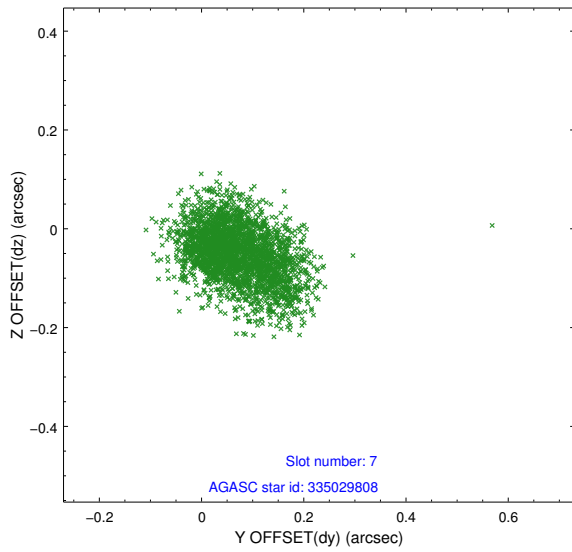
2.4.3 Slot 5



2.4.4 Slot 6

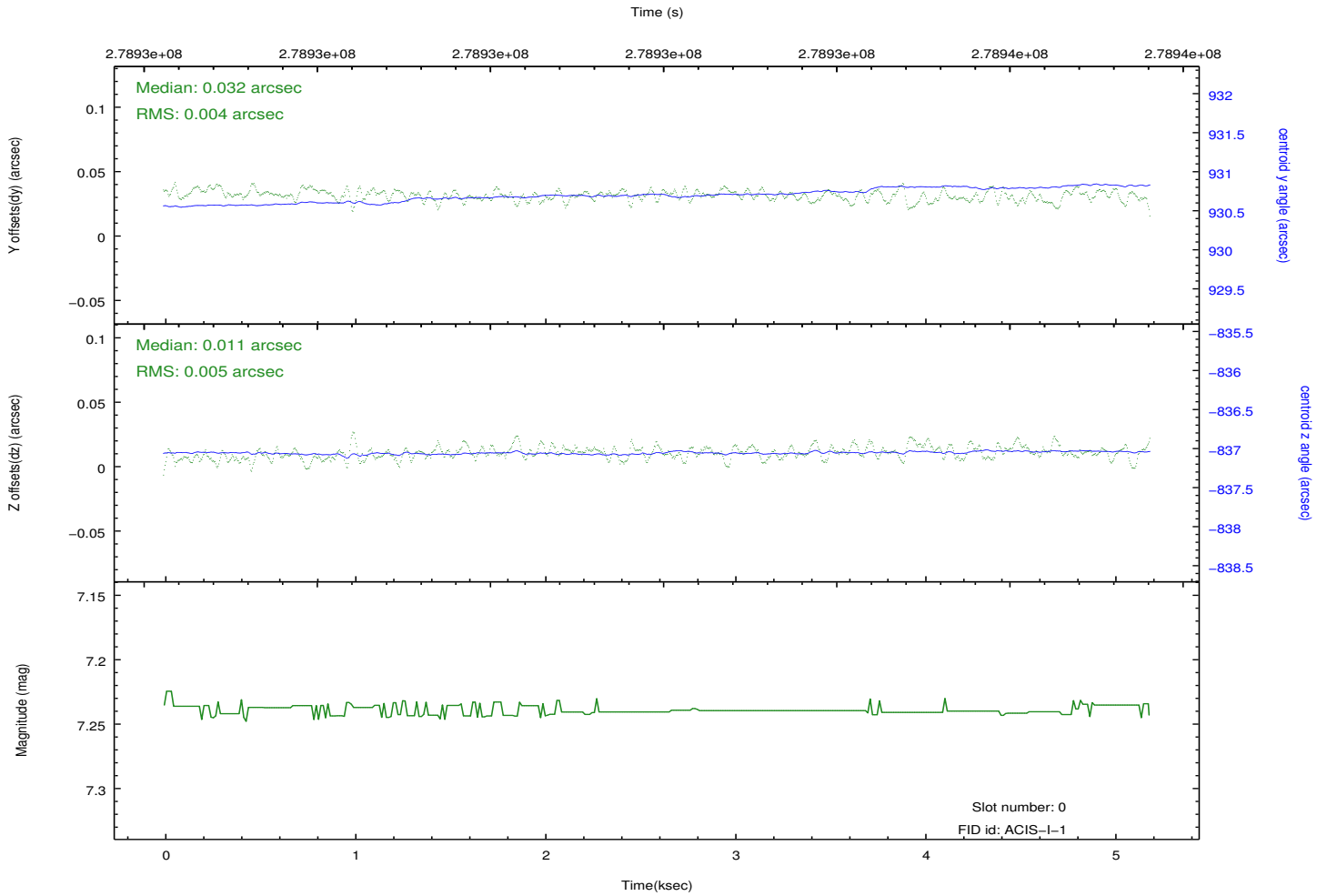
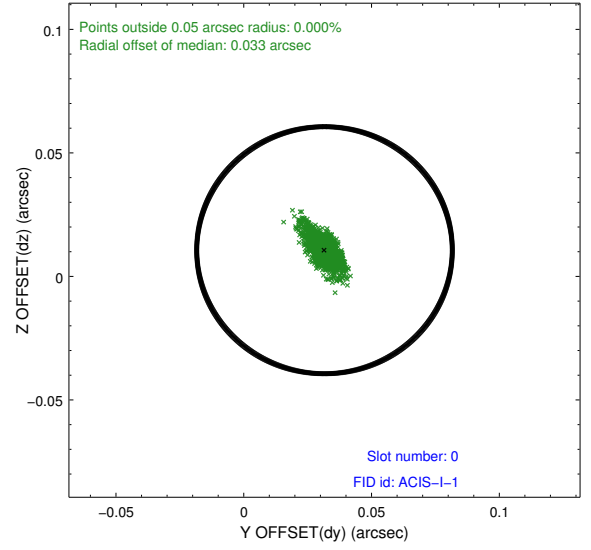
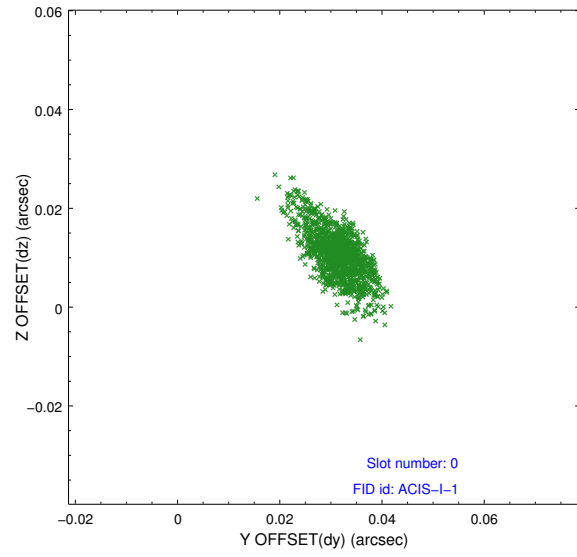


2.4.5 Slot 7

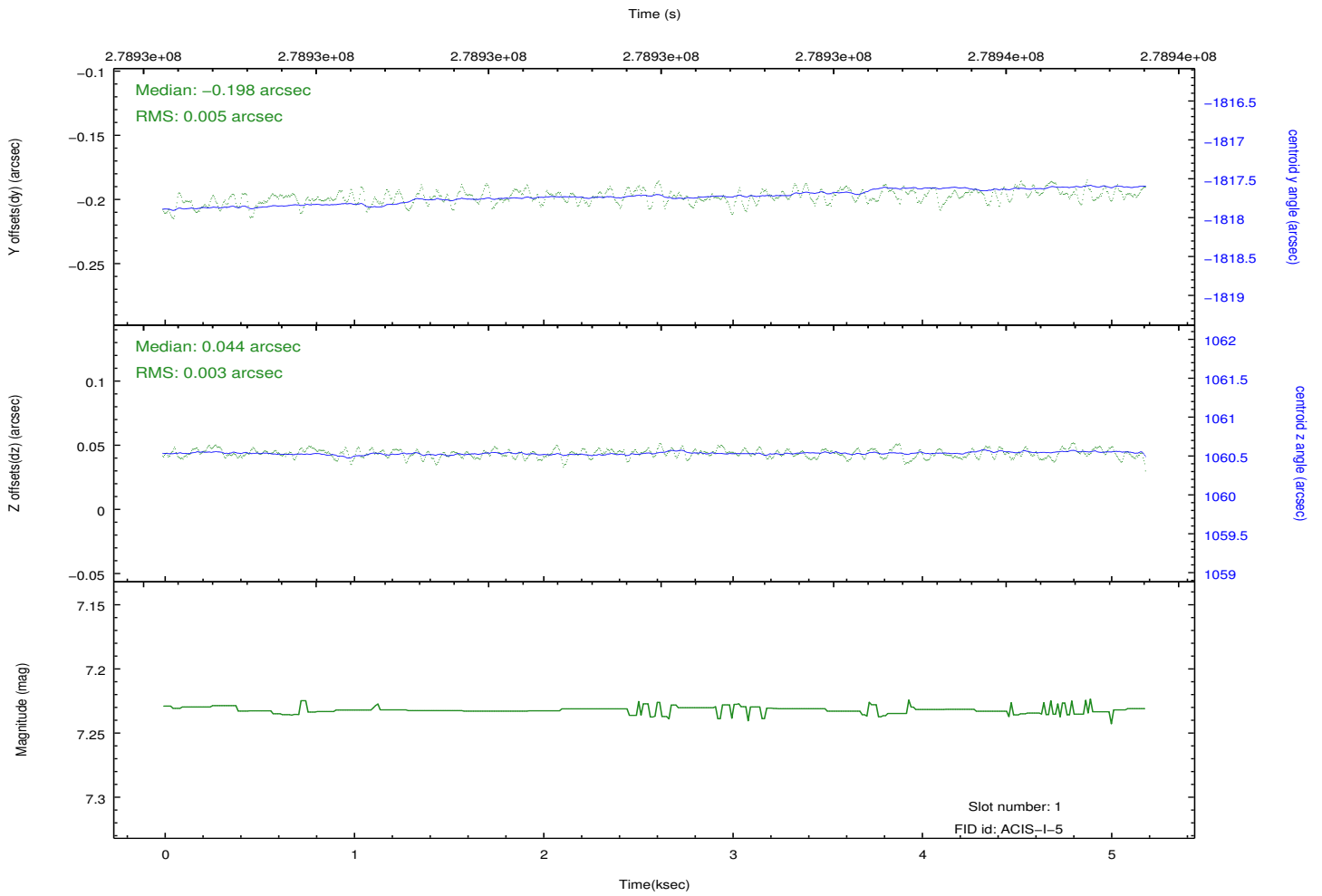
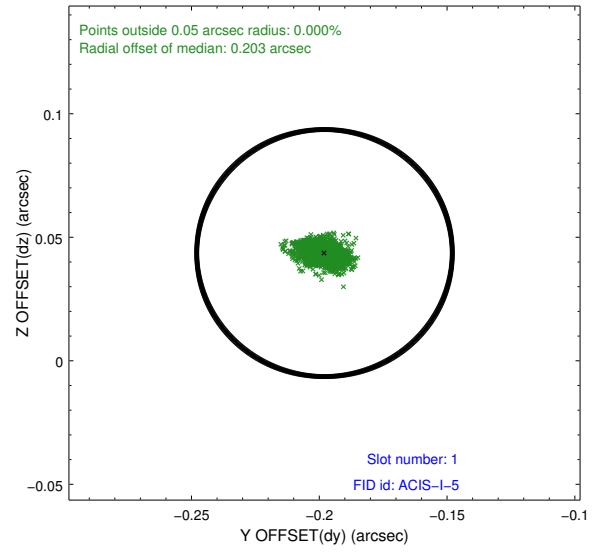
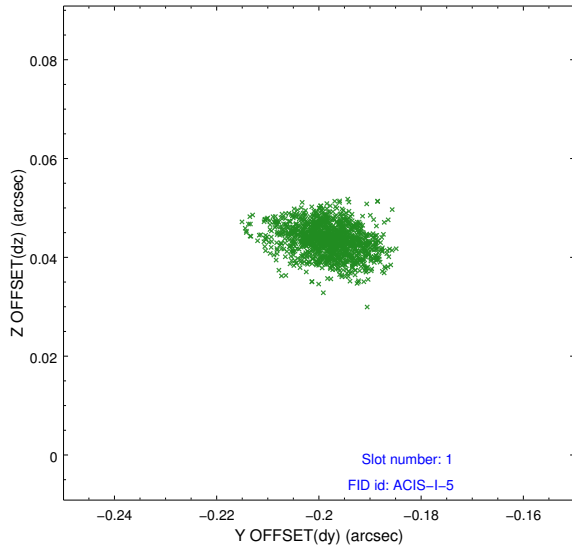


2.5 FID Slots

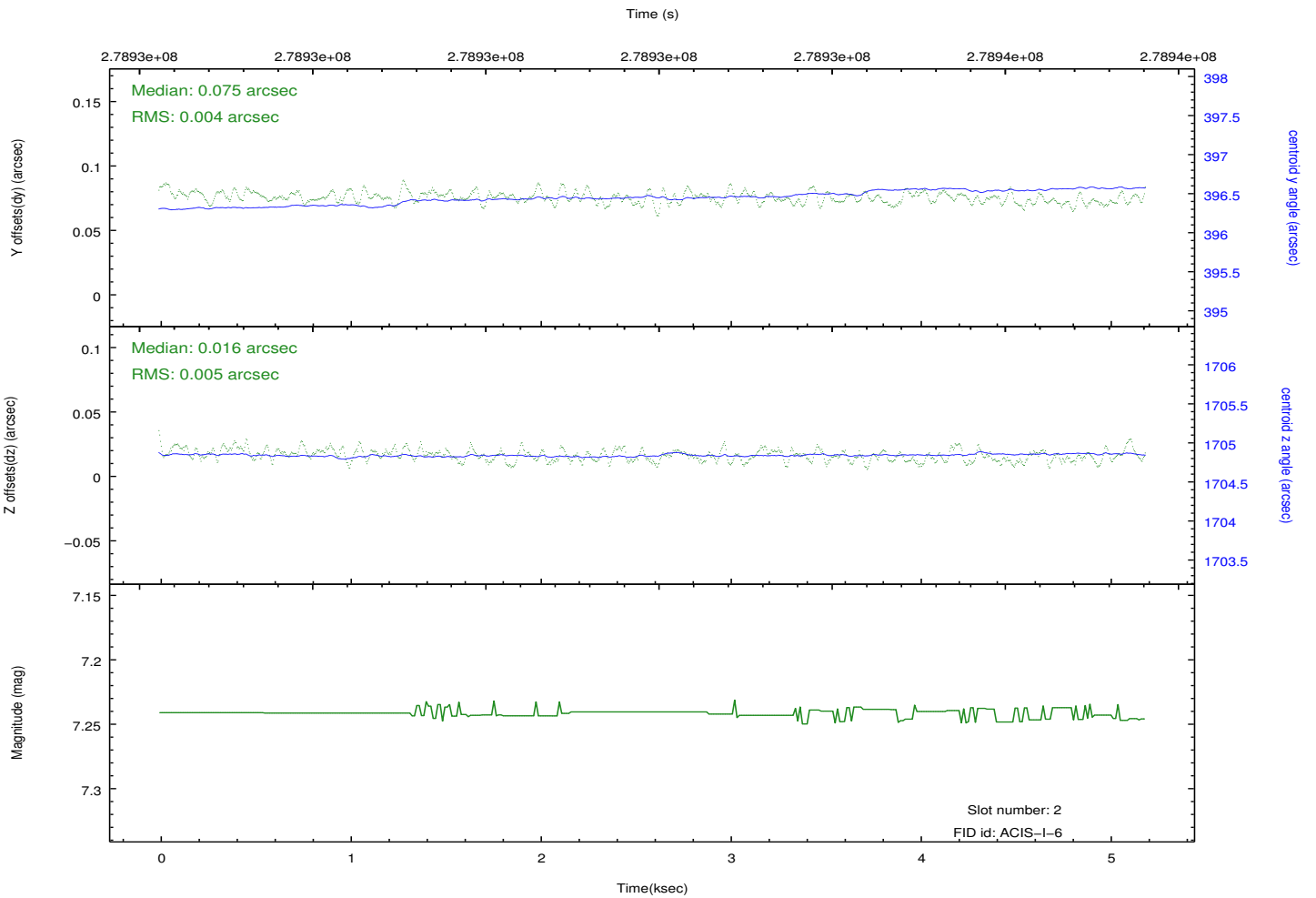
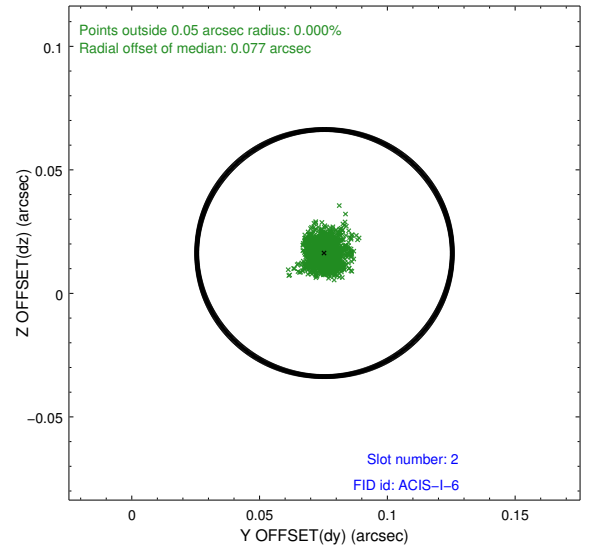
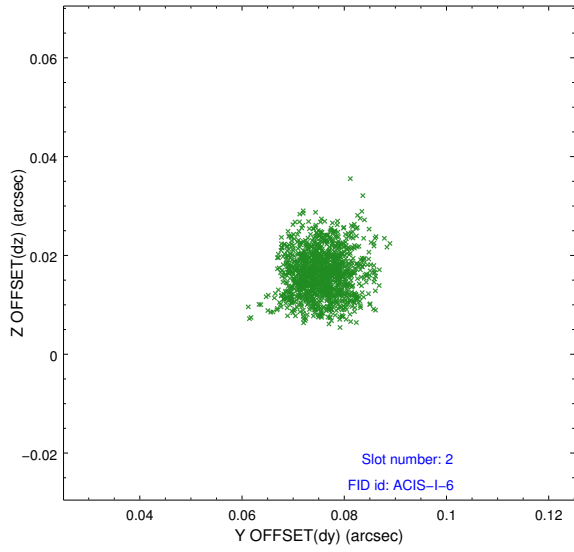
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.04.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.77395907

A.2 Comments