

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2015 - L2 Version 3
Chandra X-Ray Center

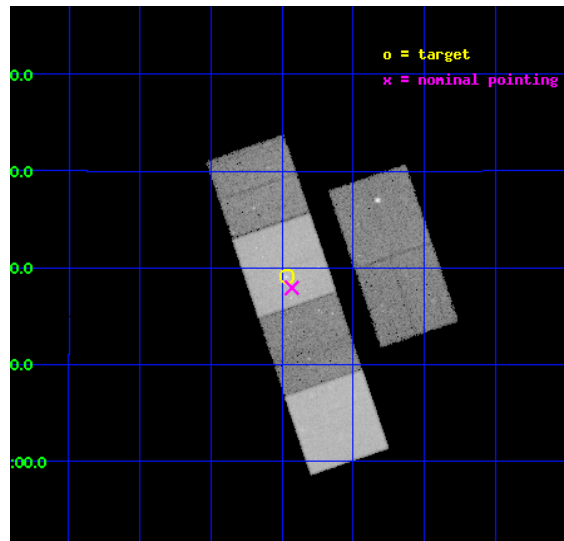
L2 Processing Date : Sep 17 2012

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1 Front

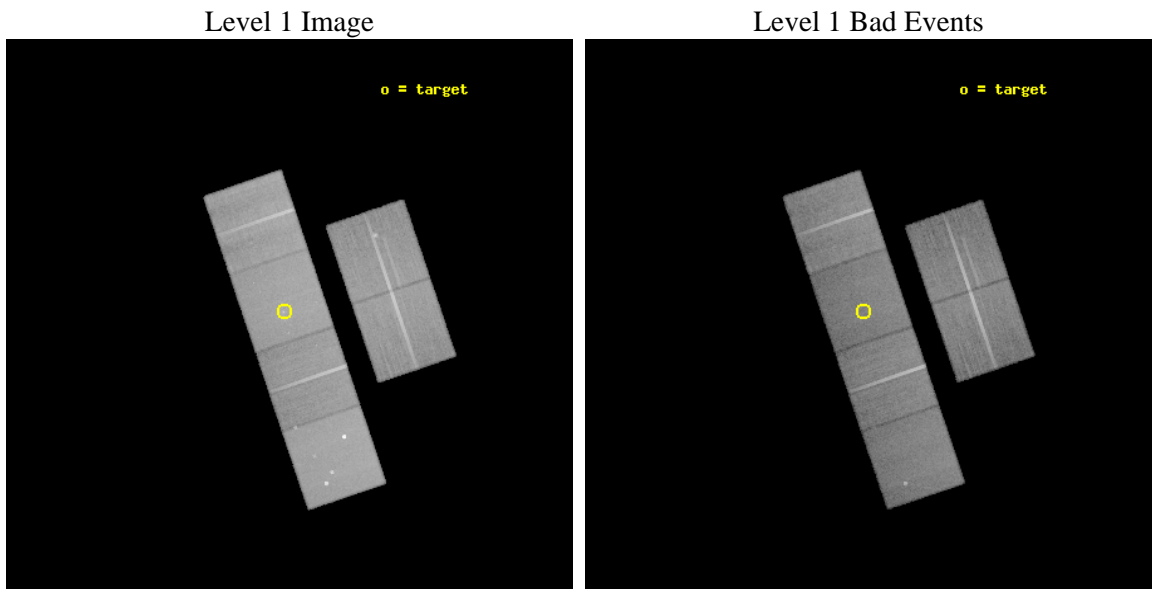
seq_num	600149	Sequence number
obs_id	2015	Observation id
title	RESOLVING THE X-RAY BINARY POPULATION IN EARLY-TYPE GALAXIES	Propo
observer	Dr. CRAIG SARAZIN	Principal investigator
object	NGC4365	Source name
dtycycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	186.11625	Observer's specified target RA [deg]
dec_targ	7.318028	Observer's specified target Dec [deg]
ra_nom	186.10781448788	Nominal RA [deg]
dec_nom	7.2989280555735	Nominal Dec [deg]
roll_nom	251.22845299391	Nominal Roll [deg]
revision	3	Processing version of data
ontime	40953.098908484	Sum of GTIs [s]
livetime	40434.526111109	Livetime [s]
ontime2	40949.898988232	Sum of GTIs [s]
ontime3	40952.975788489	Sum of GTIs [s]
ontime5	40953.057868481	Sum of GTIs [s]
ontime6	40949.775858253	Sum of GTIs [s]
ontime7	40953.098908484	Sum of GTIs [s]
ontime8	40952.934748486	Sum of GTIs [s]
l2events	413244	Number of level 2 events



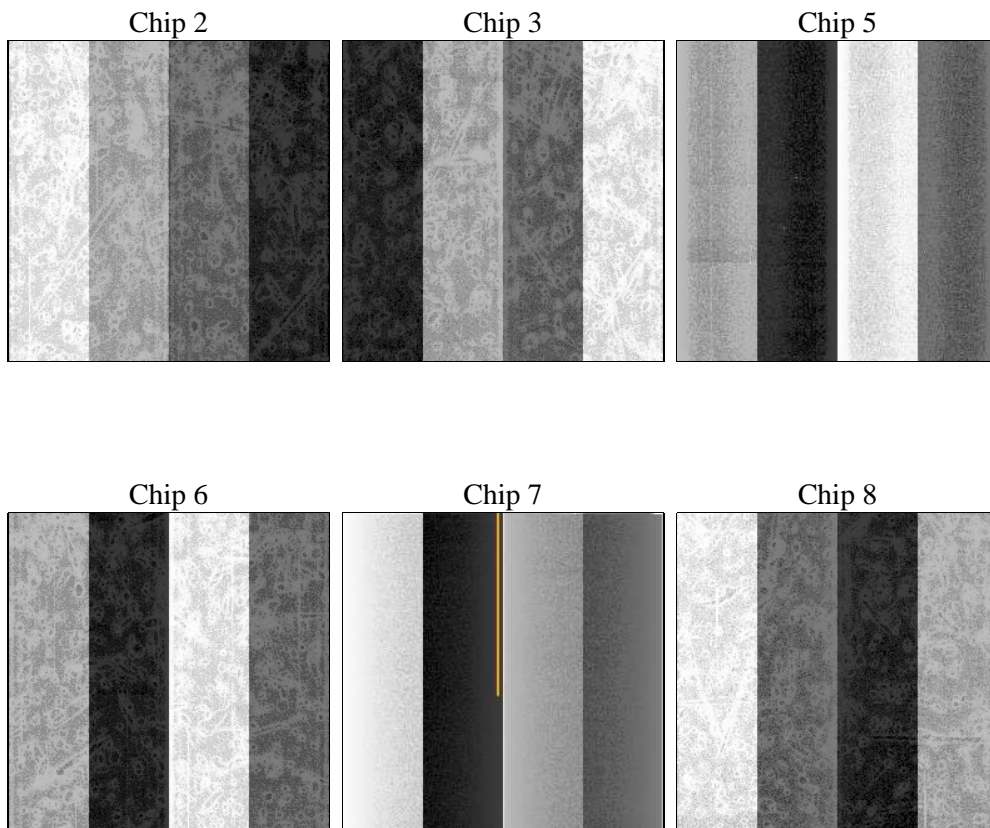
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	41000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	40953.098908484	Sum of GTIs [s]
caldbver	4.5.1.1	 	ontime2	40949.898988232	Sum of GTIs [s]
date	2012-09-17T19:53:52	Date and time of file creation	ontime3	40952.975788489	Sum of GTIs [s]
revision	3	Processing version of data	ontime5	40953.057868481	Sum of GTIs [s]
			ontime6	40949.775858253	Sum of GTIs [s]
			ontime7	40953.098908484	Sum of GTIs [s]
			ontime8	40952.934748486	Sum of GTIs [s]
			l1events	1852389	Number of level 1 events

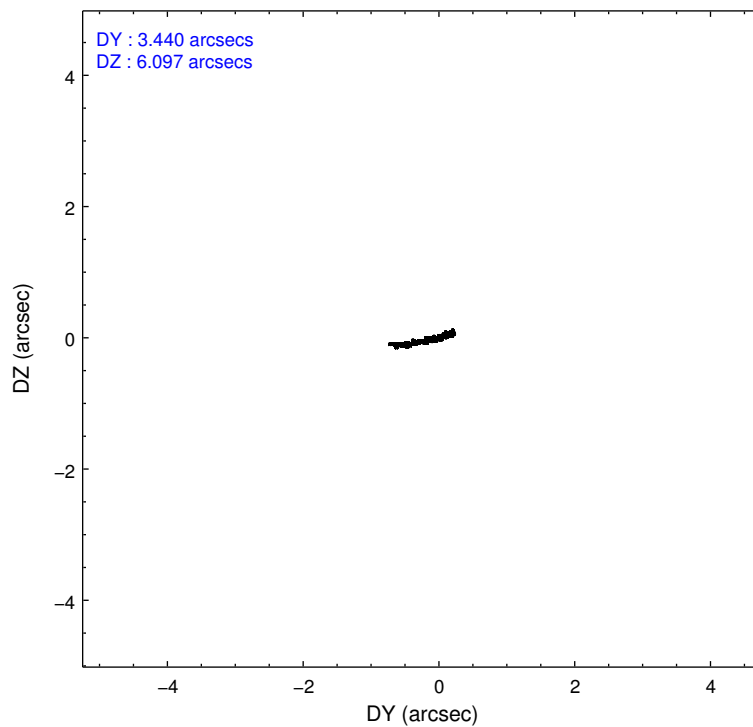
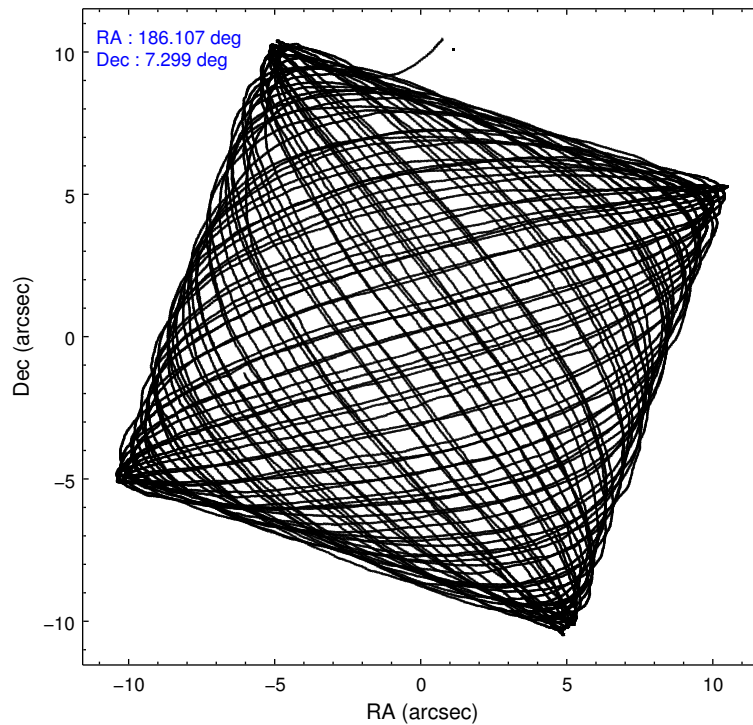
2.1.4 Events

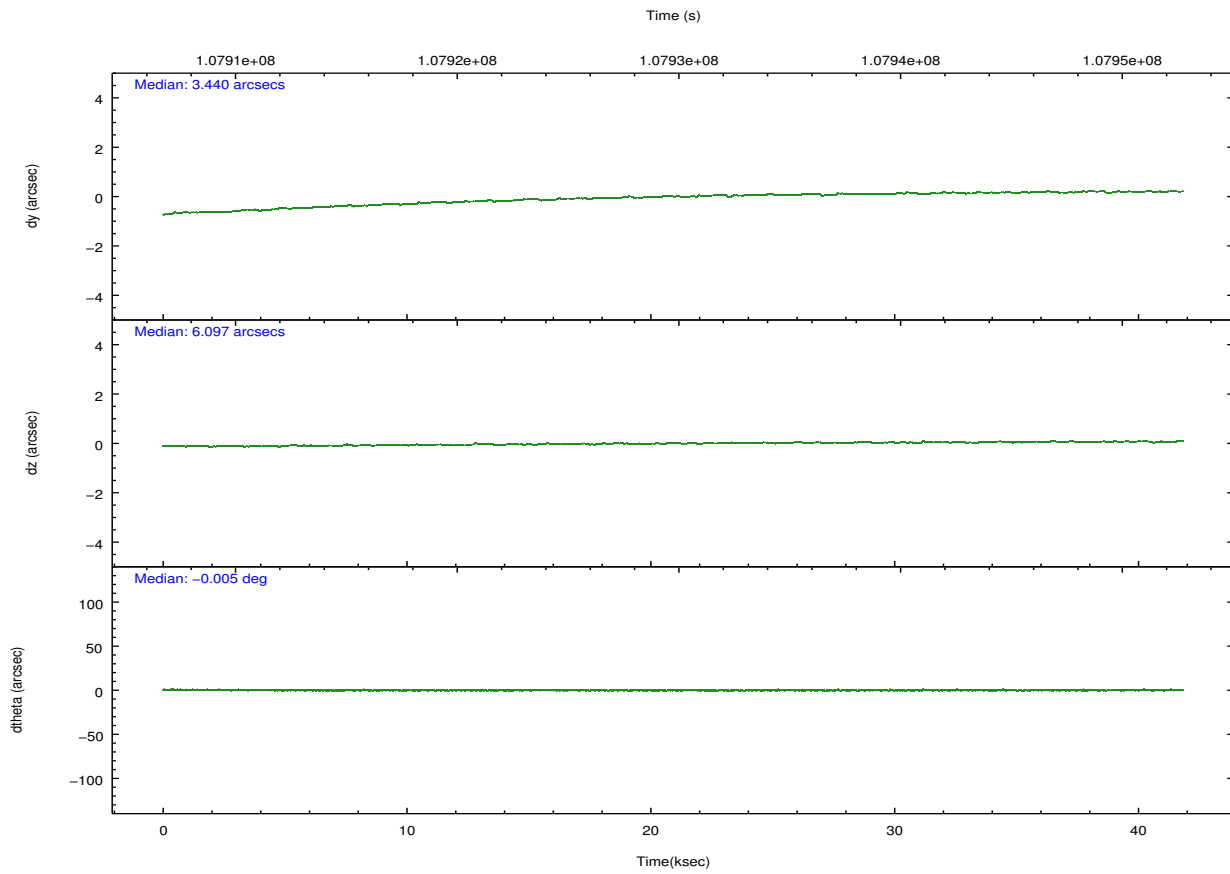
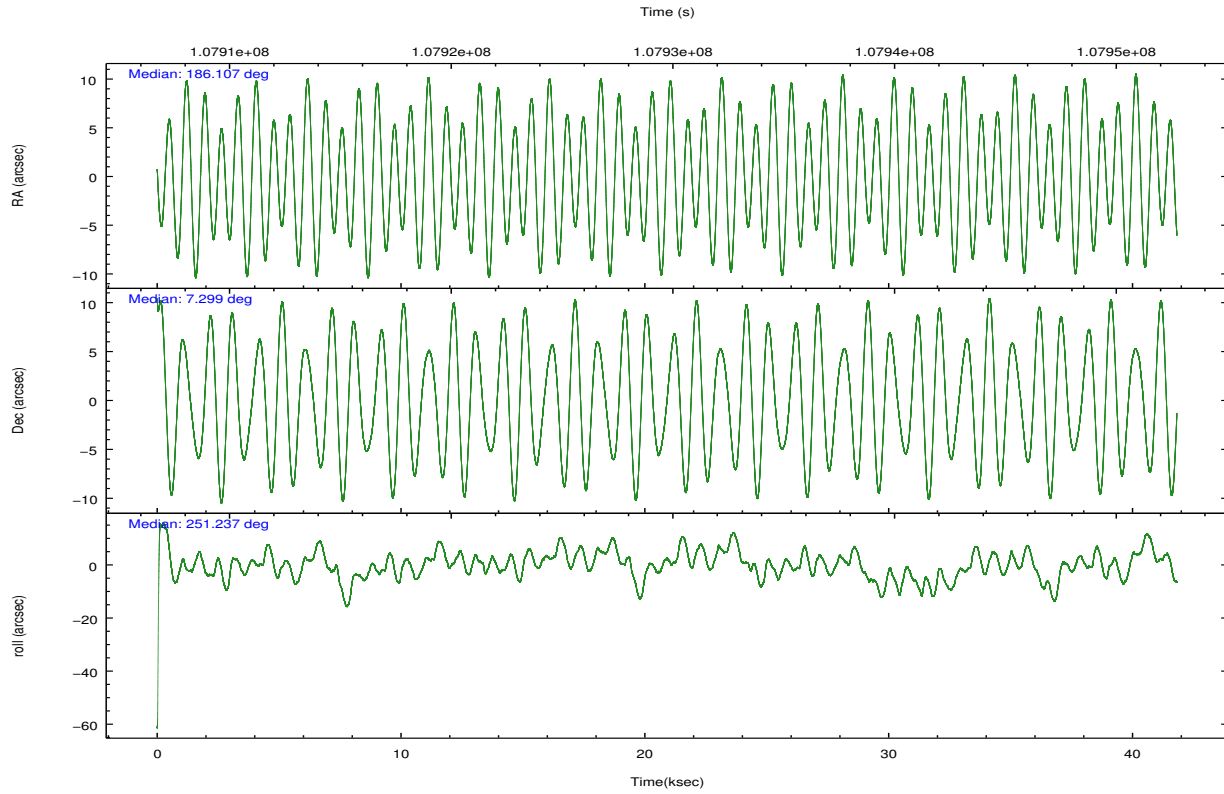
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8		ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	269002	259425	378983	266686	341030	337263	grade 0 events	13056	14573	26951	13178	16539	22821
rejected events	238774	227839	198966	235401	194265	265847		4%	5%	7%	4%	4%	6%
rejected %	88%	87%	52%	88%	56%	78%	grade 1 events	151	129	562	131	307	213
								0%	0%	0%	0%	0%	0%
							grade 2 events	6518	6073	51271	6182	29195	15263
								2%	2%	13%	2%	8%	4%
							grade 3 events	2783	2830	7880	2978	13739	7781
								1%	1%	2%	1%	4%	2%
							grade 4 events	2778	2951	7406	2969	13679	7139
								1%	1%	1%	1%	4%	2%
							grade 5 events	8967	10045	28379	11118	31874	14123
								3%	3%	7%	4%	9%	4%
							grade 6 events	5095	5163	86532	5981	73622	18416
								1%	1%	22%	2%	21%	5%
							grade 7 events	229654	217661	170002	224149	162075	251507
								85%	83%	44%	84%	47%	74%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-235678	ACIS-235678	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	186.102183	186.107814487878	Subarray requested	NONE	NONE
[deg] Pointing Dec	7.325629	7.298928055573541	Alternating exposures requested	N	N
[deg] Pointing Roll	251.072560	251.2284529939093	[s] Primary exposure time	0.000000	3.2
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.001444936568705701			
[mm] SIM translation stage pos	-190.132523	-190.1400660498719			
[mm] SIM translation stage offset	0	0.00754346686406393			
[s] Observation start time (MET)	107909644.184000	107908363.49964			
Observation start date	2001-06-02T22:53:00	2001-06-02T22:32:43			
[s] Observation end time (MET)	107950644.184000	107951244.37631			
Observation end date	2001-06-03T10:16:20	2001-06-03T10:27:24			
Read mode	TIMED	TIMED			

2.3 Aspect



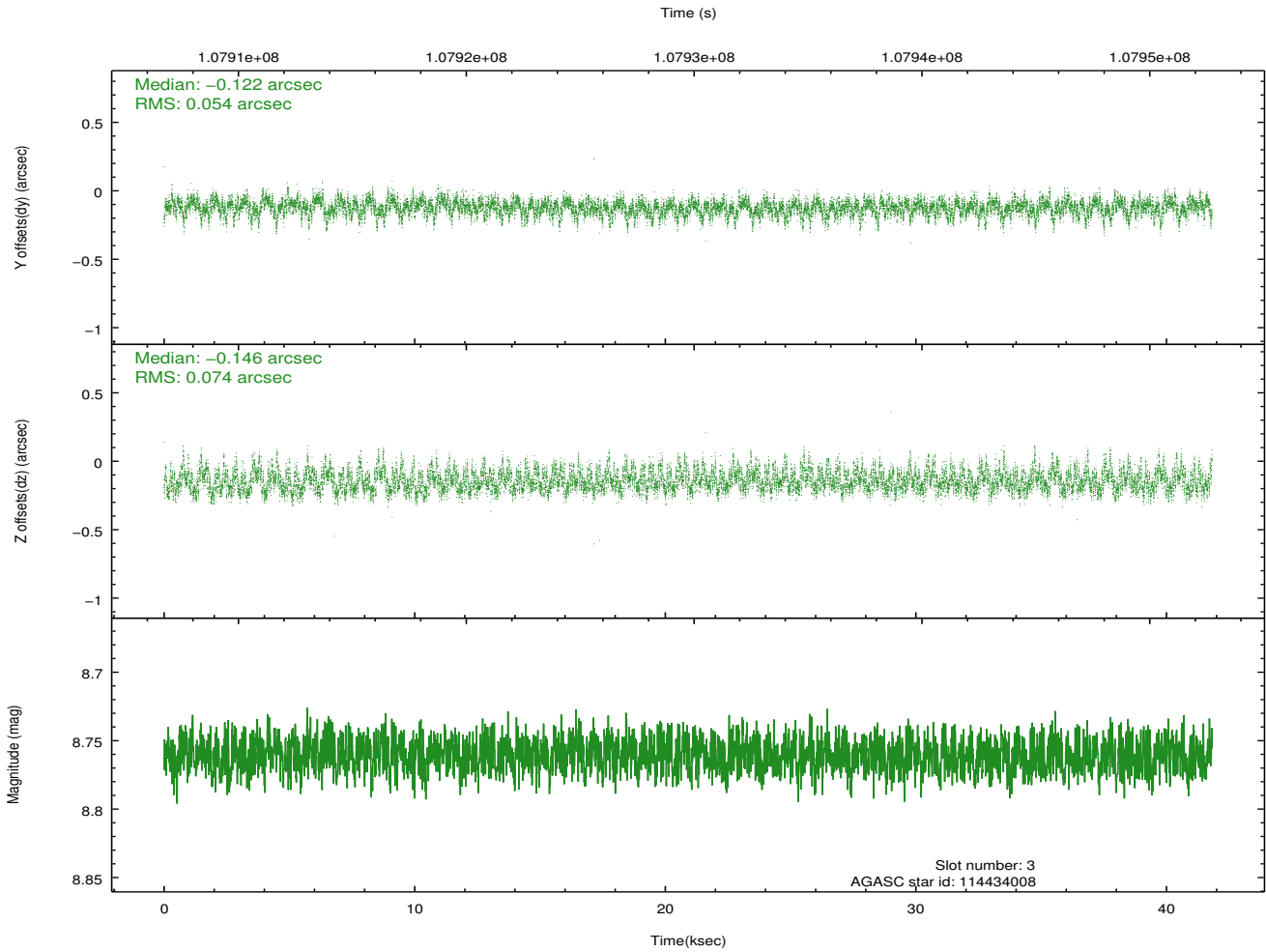
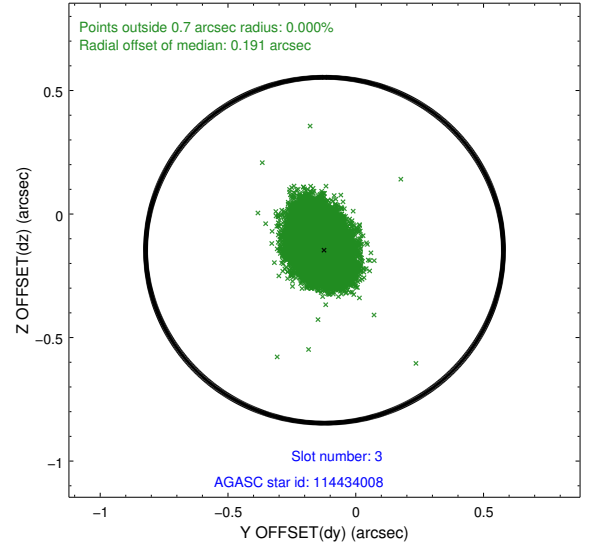
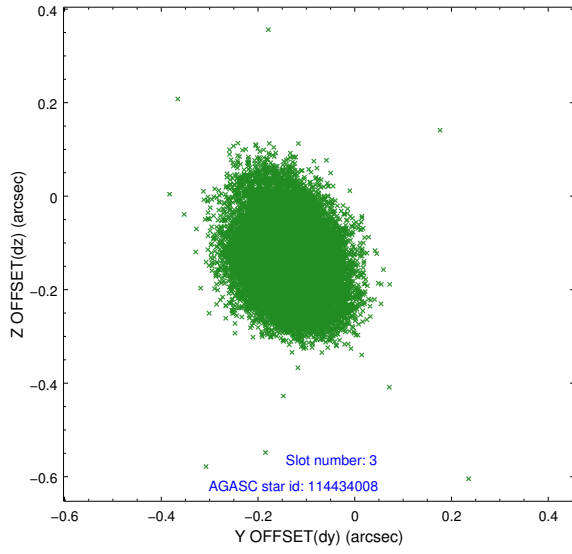


Slot Statistics

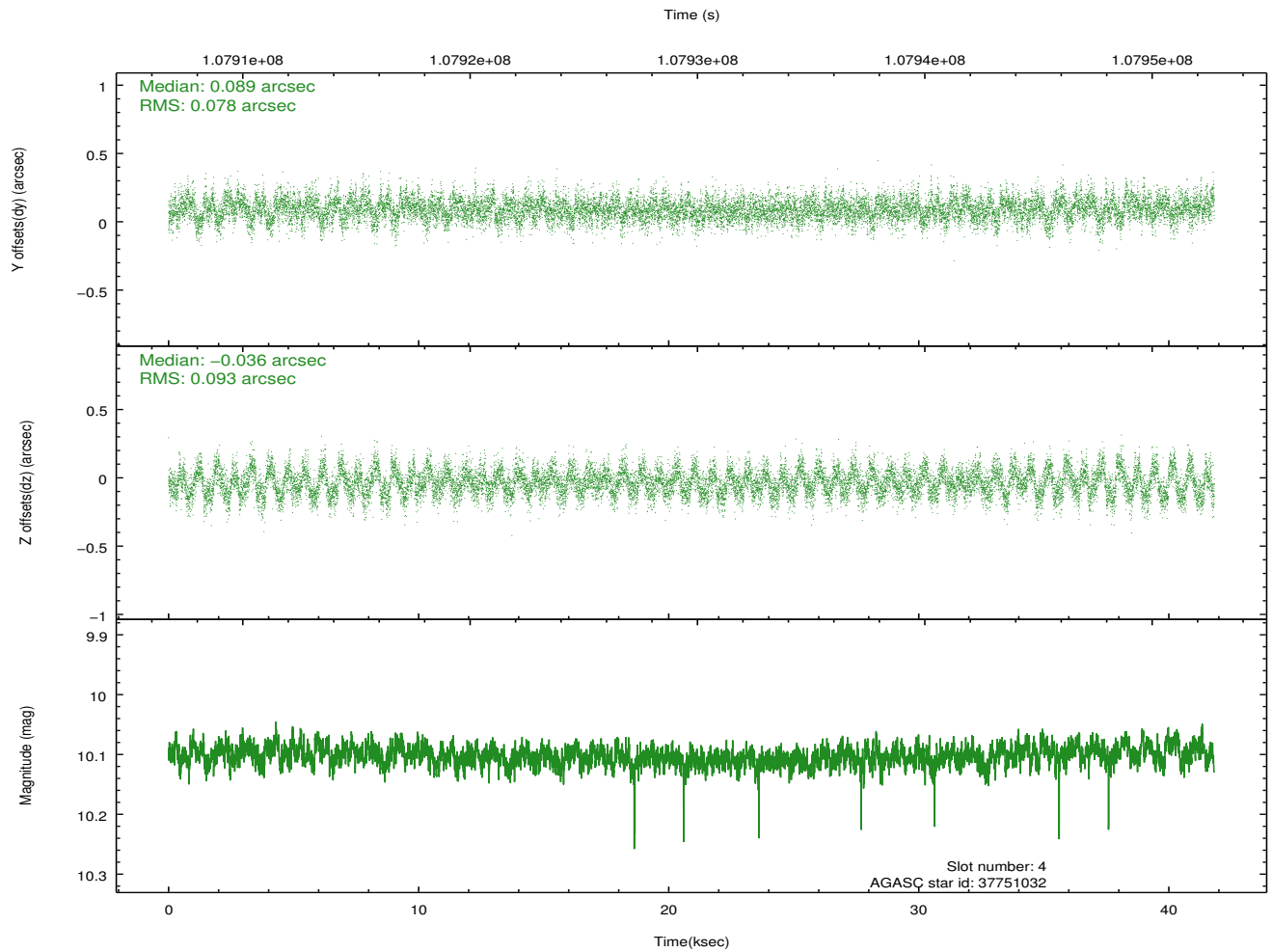
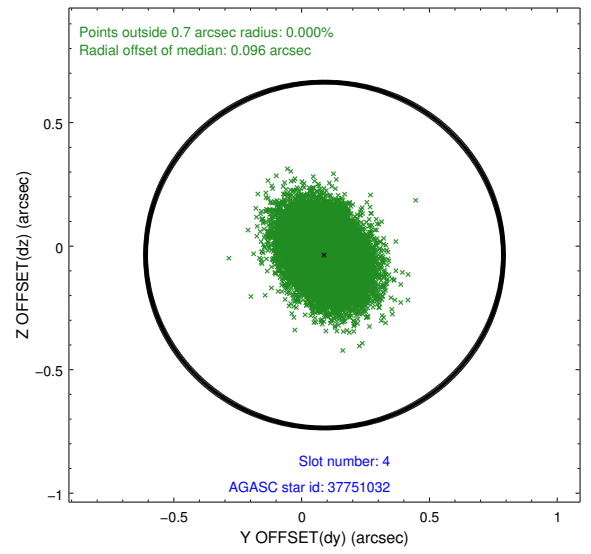
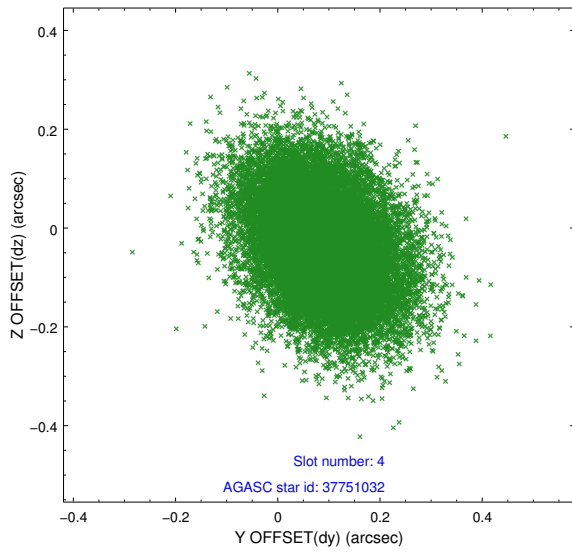
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	10200	-0.020	0.012	0.007	0.012	0.000000	0.000000	-755.98	-1727.23
1	FID	ACIS-S-4	7.20	10200	-0.032	0.006	0.009	0.016	0.000000	0.000000	2157.23	181.31
2	FID	ACIS-S-5	7.24	10199	0.021	-0.010	0.012	0.019	0.000000	0.000000	-1808.82	174.87
3	GUIDE	114434008	8.76	20397	-0.122	-0.146	0.095	0.158	185.534773	7.569663	-176.08	-2199.58
4	GUIDE	37751032	10.10	20387	0.089	-0.036	0.129	0.210	186.355124	7.277238	-128.44	912.07
5	GUIDE	114565080	10.16	20365	-0.243	0.050	0.155	0.252	186.537681	7.759404	-1982.11	964.45
6	GUIDE	37751880	9.65	20382	0.135	0.042	0.101	0.163	185.771871	6.844190	2021.80	-553.66
7	GUIDE	37749592	10.26	20381	0.142	0.085	0.157	0.257	186.177253	6.631115	2278.20	1065.75

2.4 Star Slots

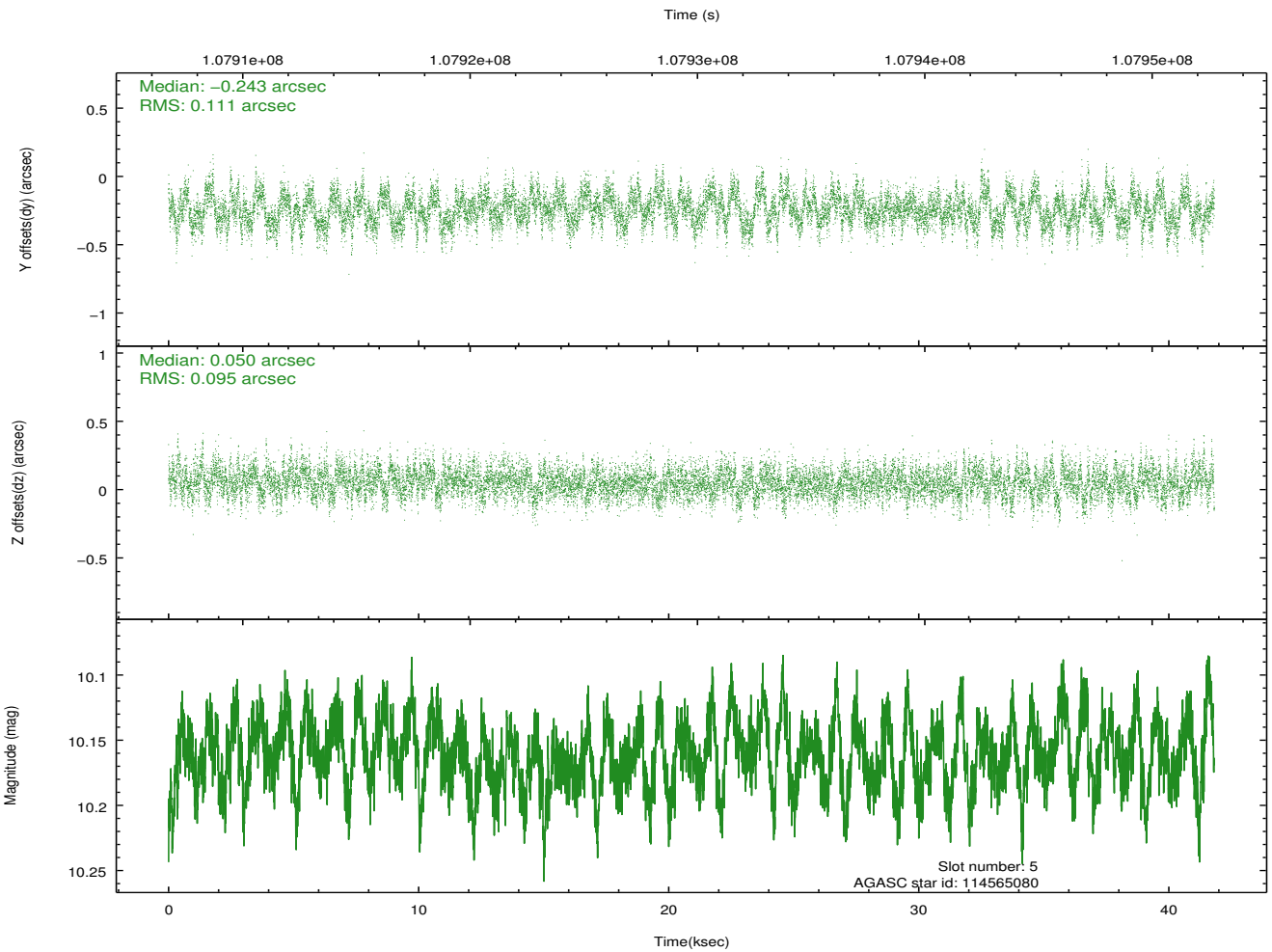
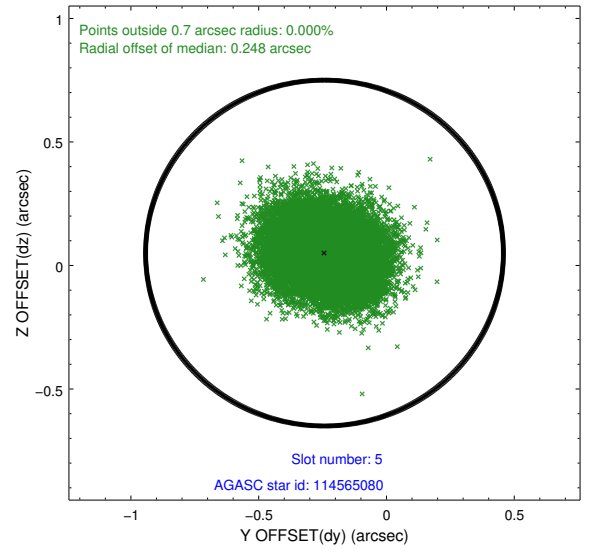
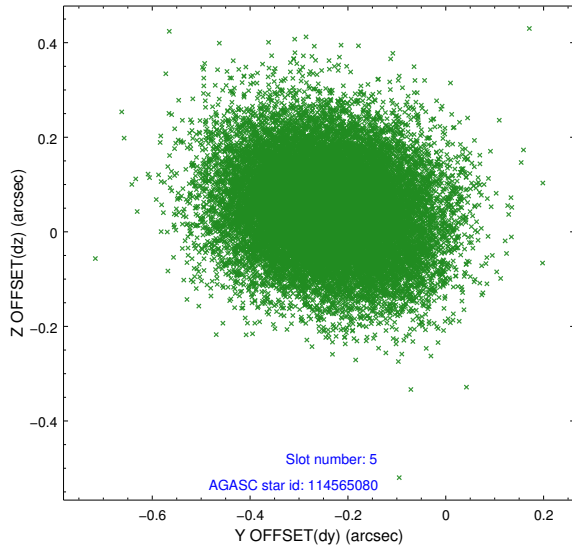
2.4.1 Slot 3



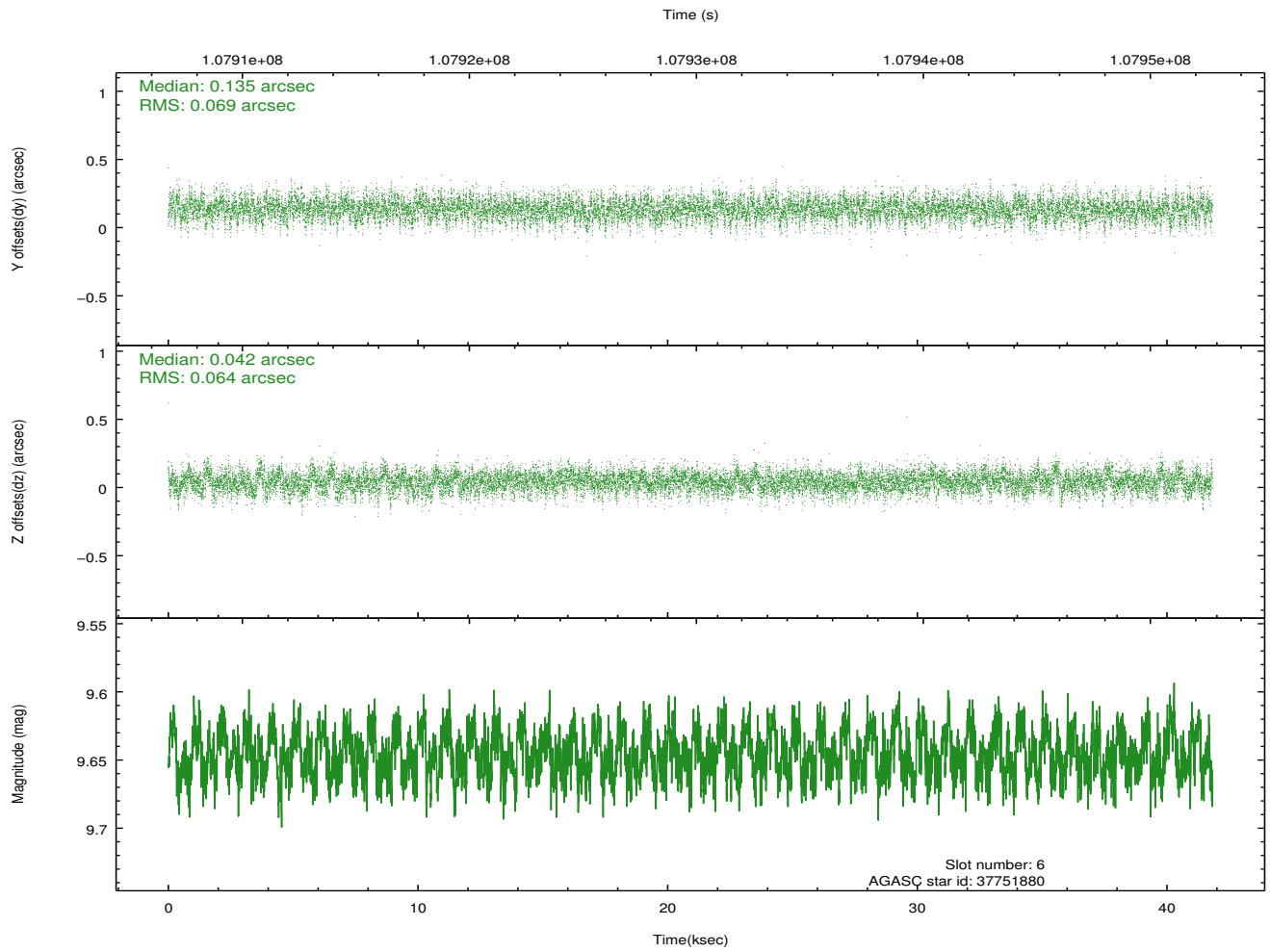
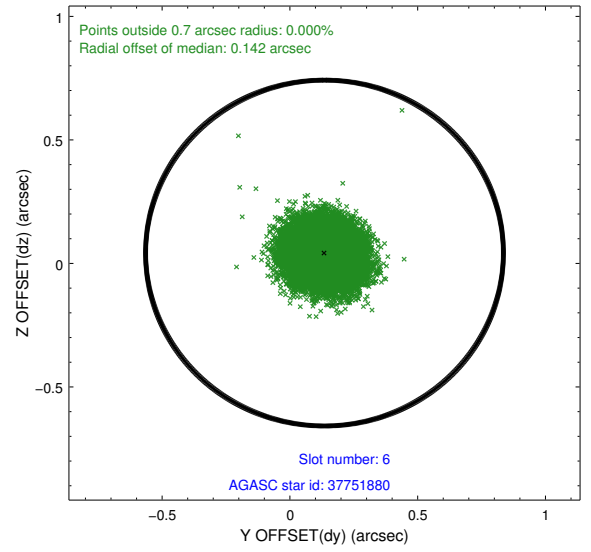
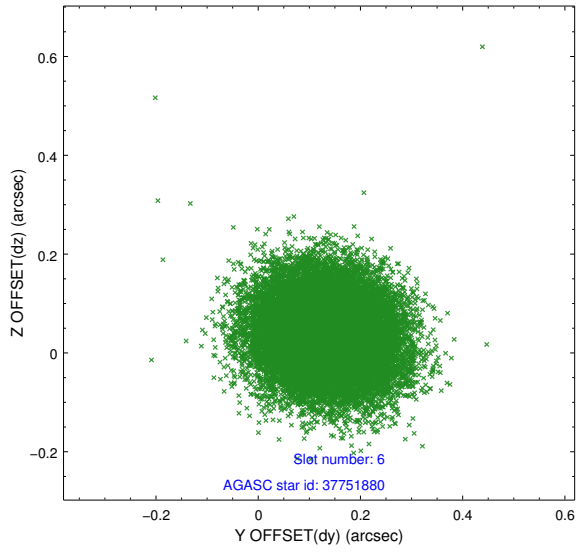
2.4.2 Slot 4



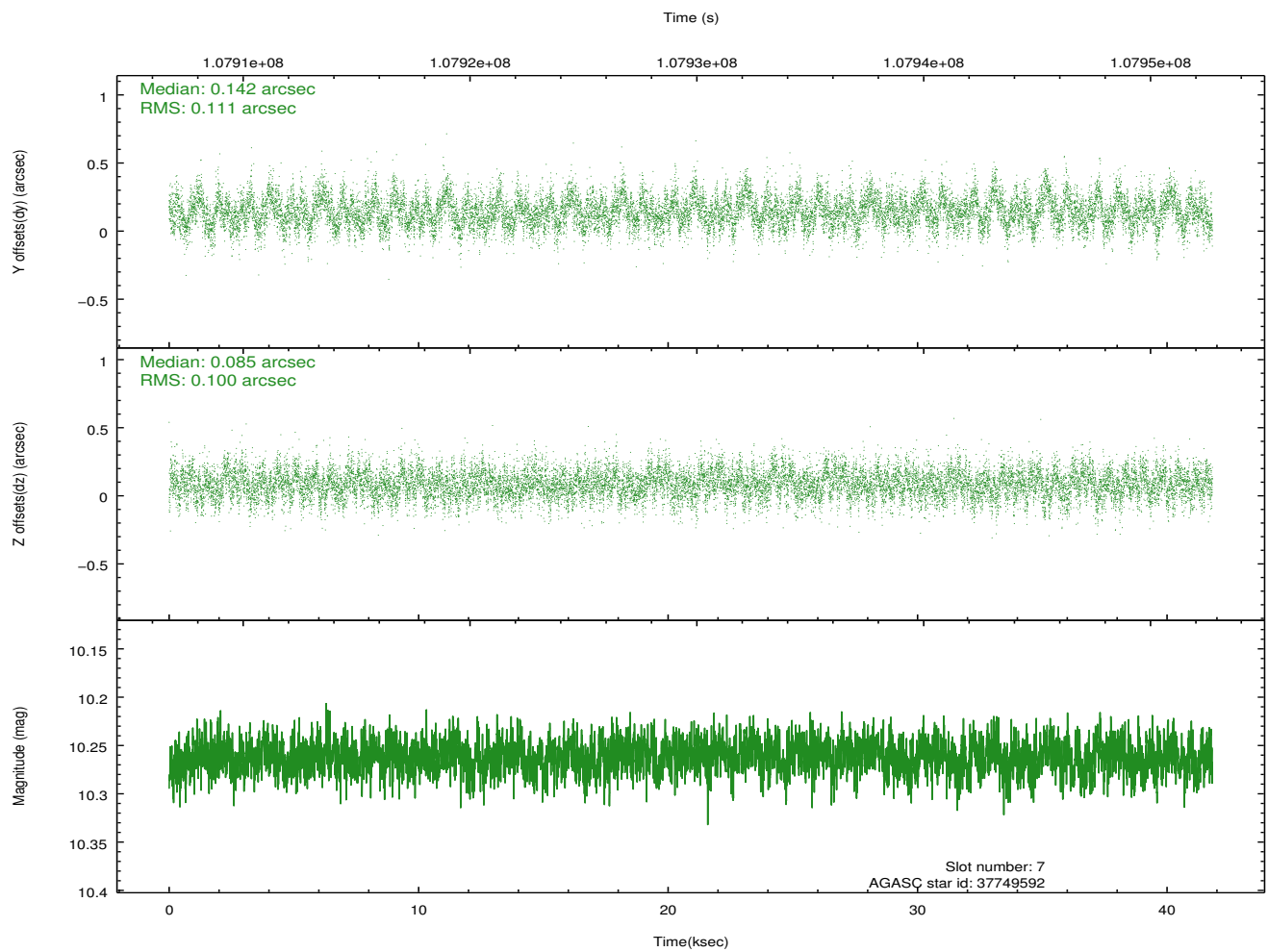
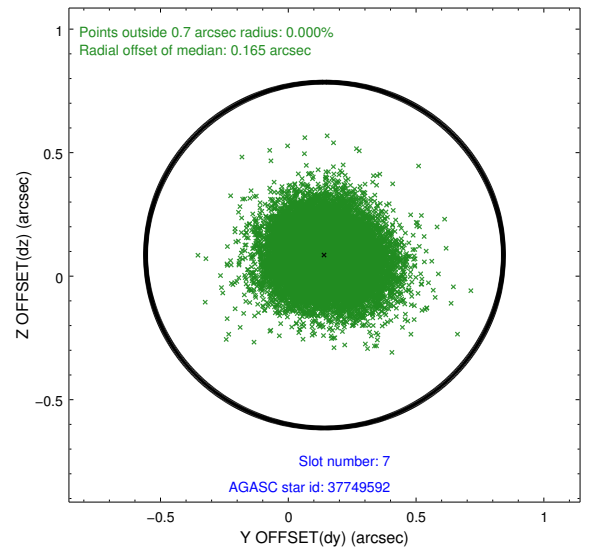
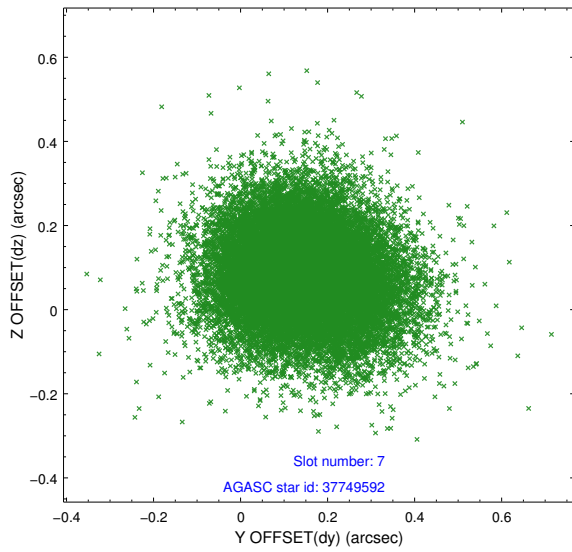
2.4.3 Slot 5



2.4.4 Slot 6

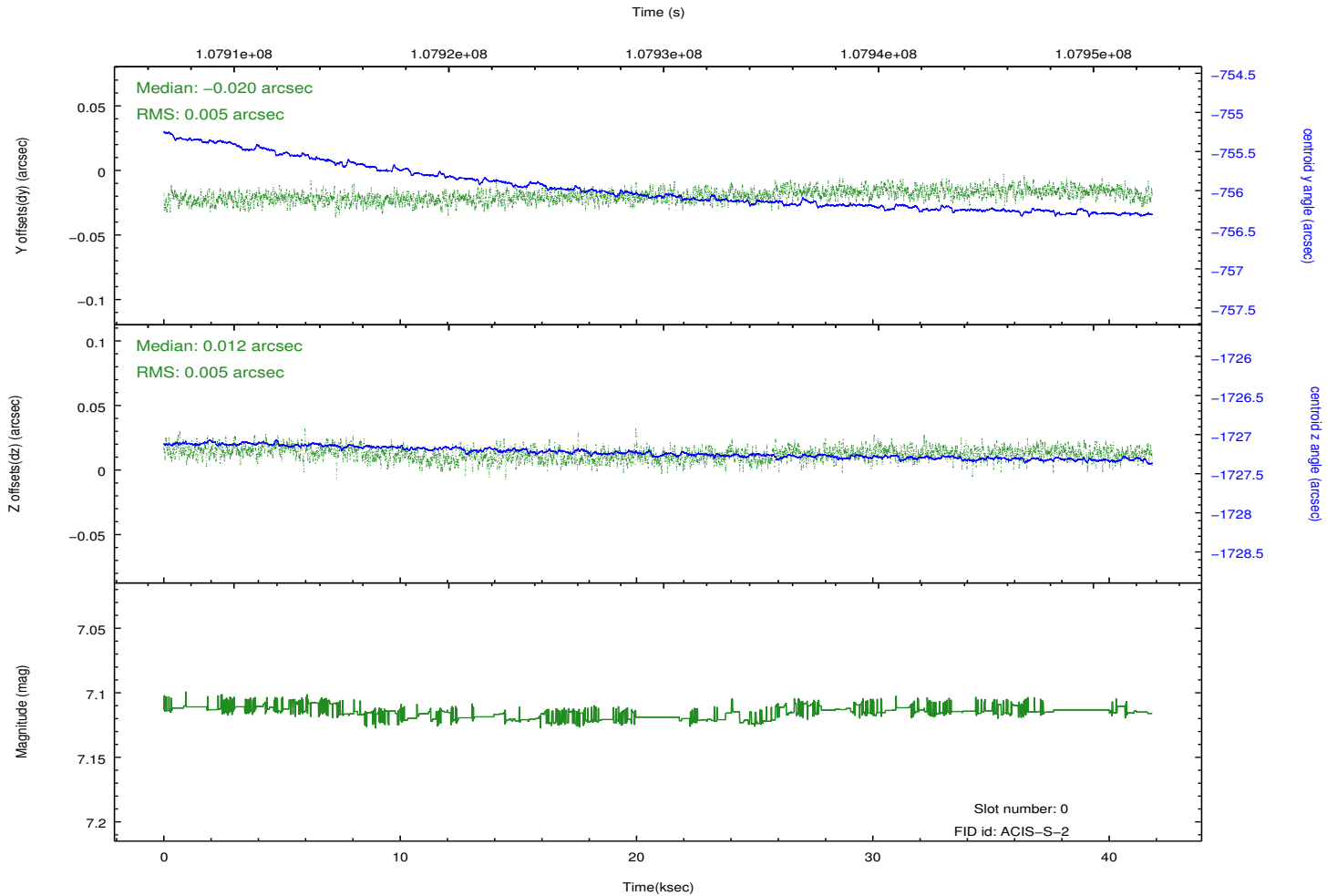
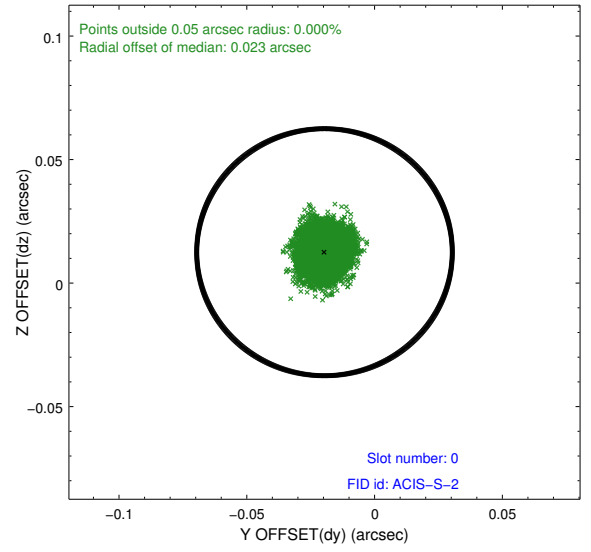
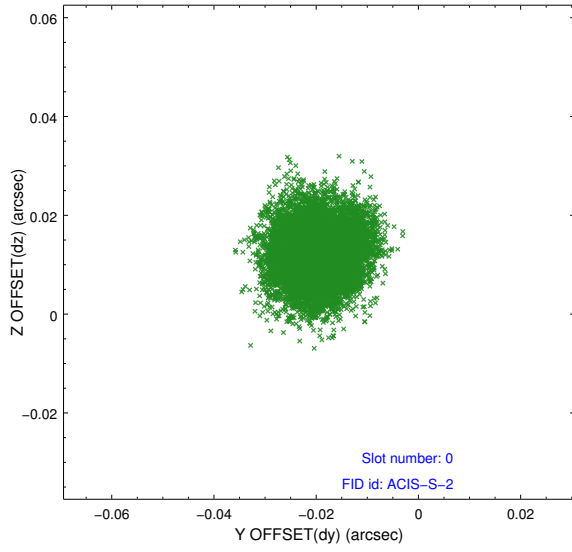


2.4.5 Slot 7

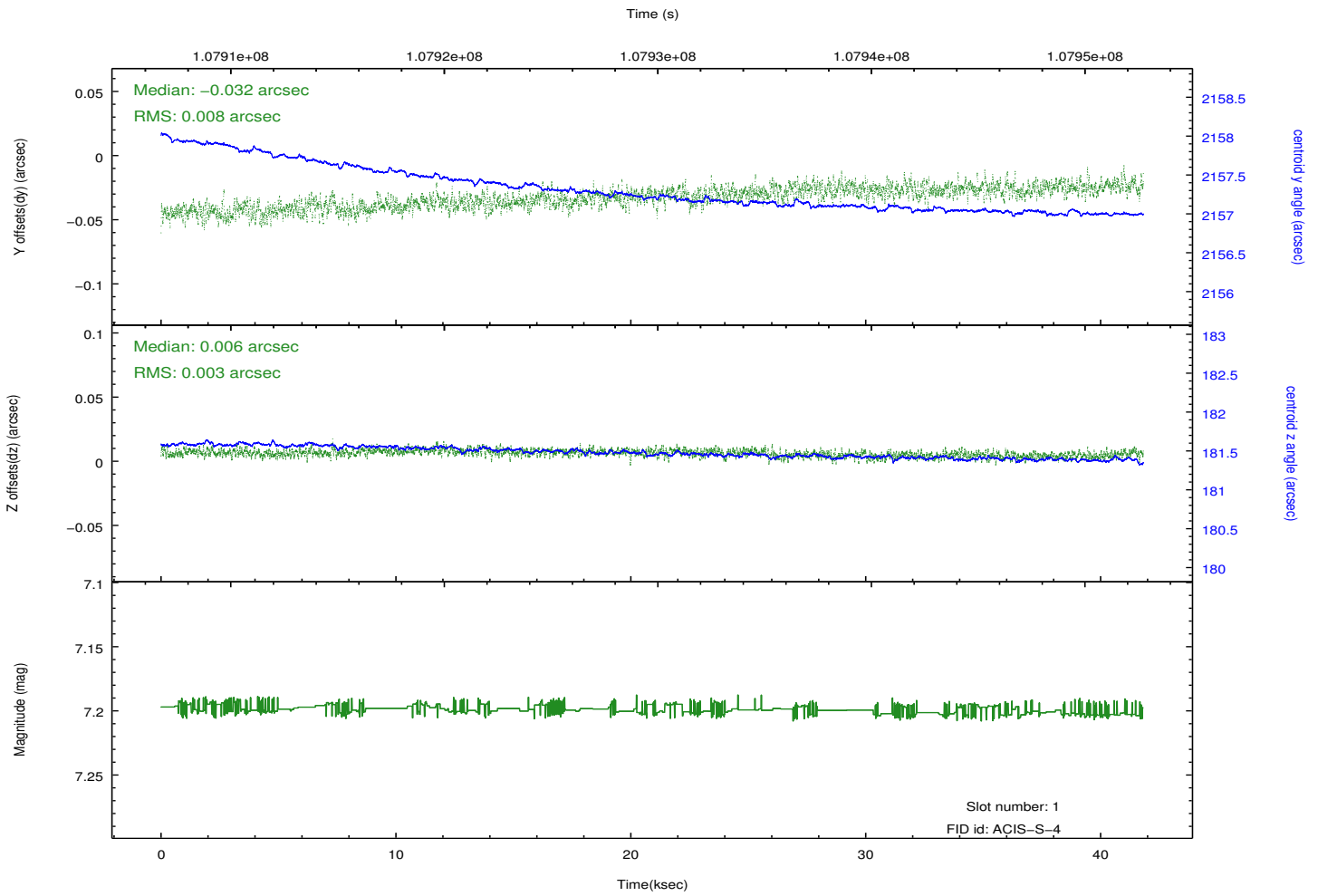
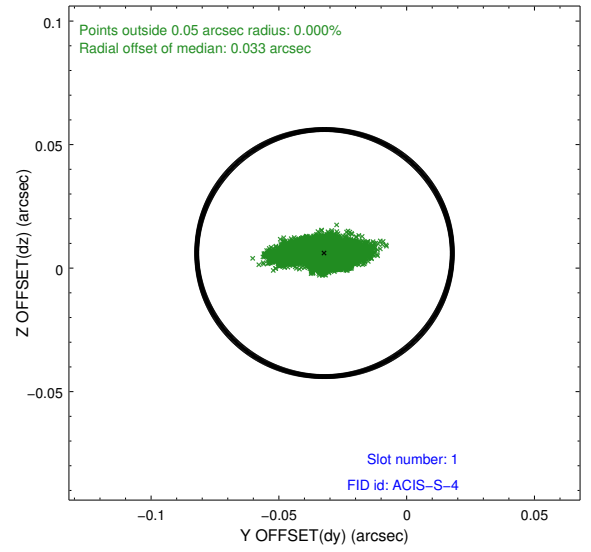
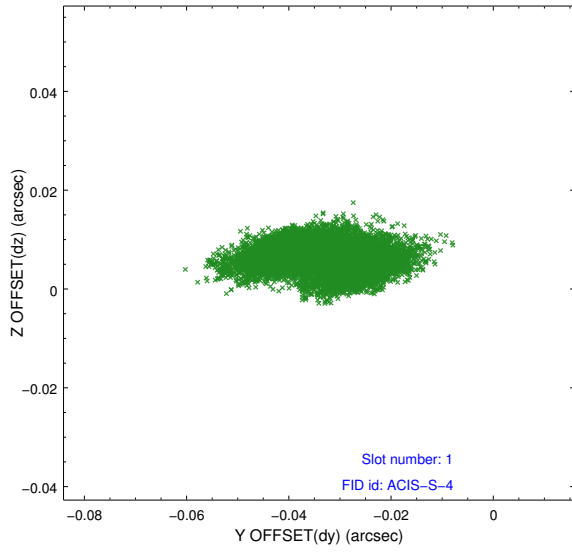


2.5 FID Slots

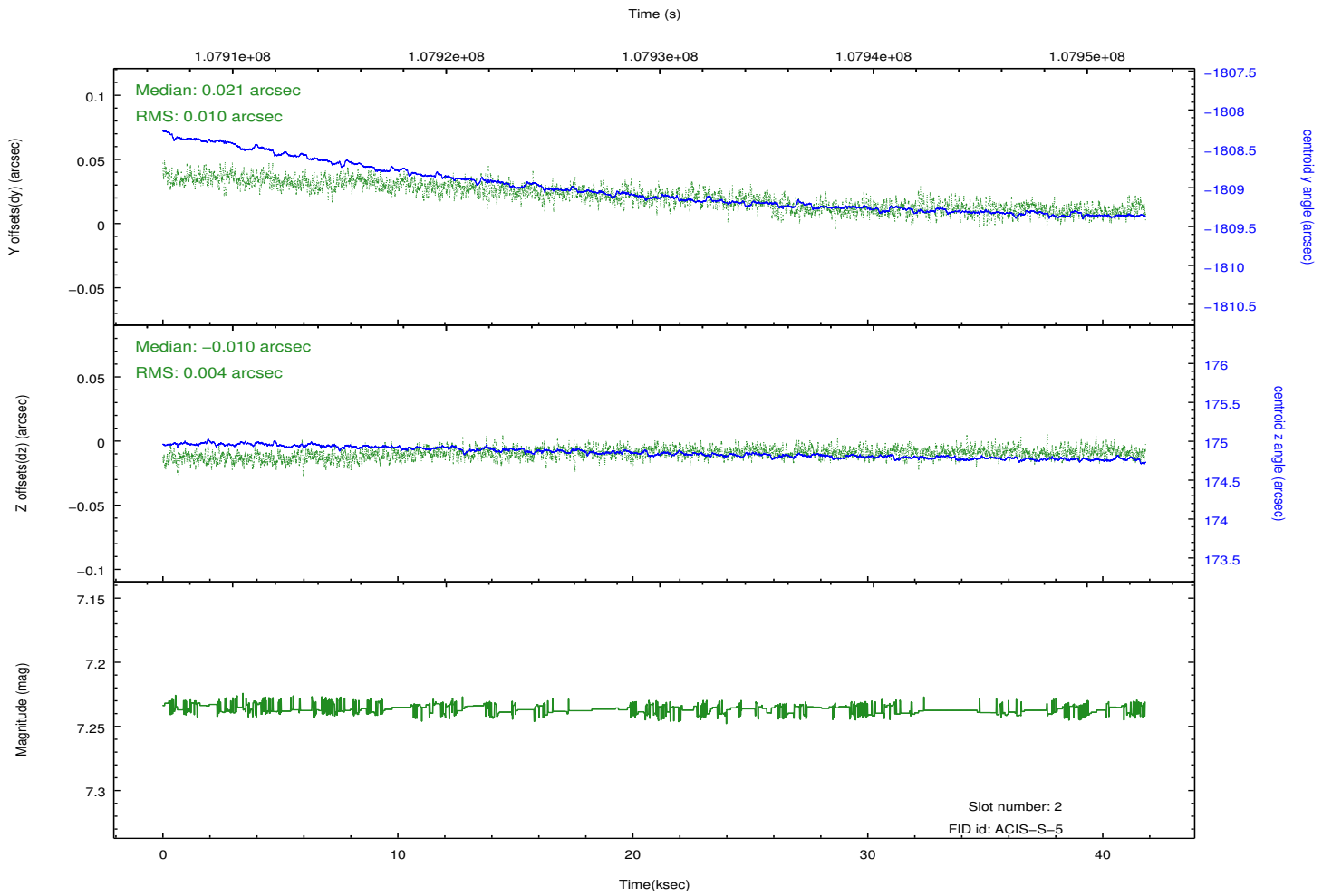
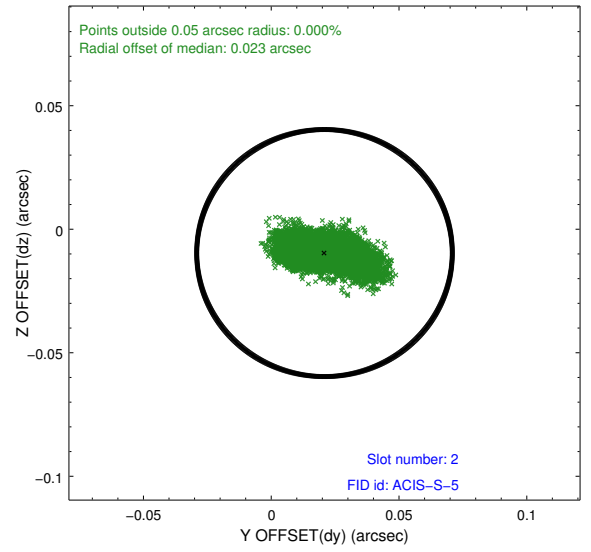
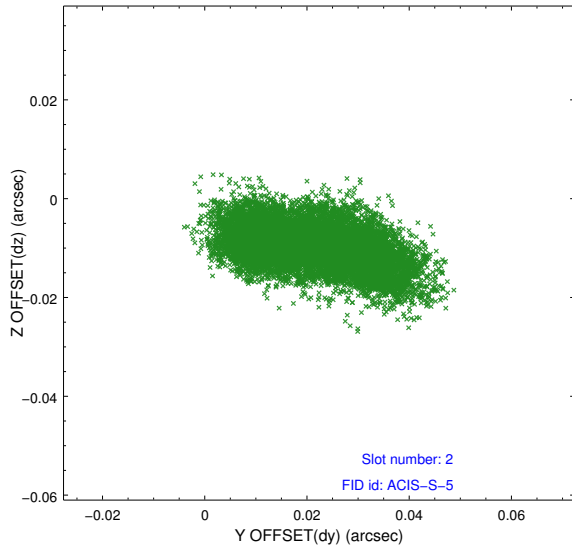
2.5.1 Slot 0



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)	2012.09.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	41

A.2 Comments

Charge time for this observation remains at previous value of 41 ksec.