

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 7105 - L2 Version 2
Chandra X-Ray Center

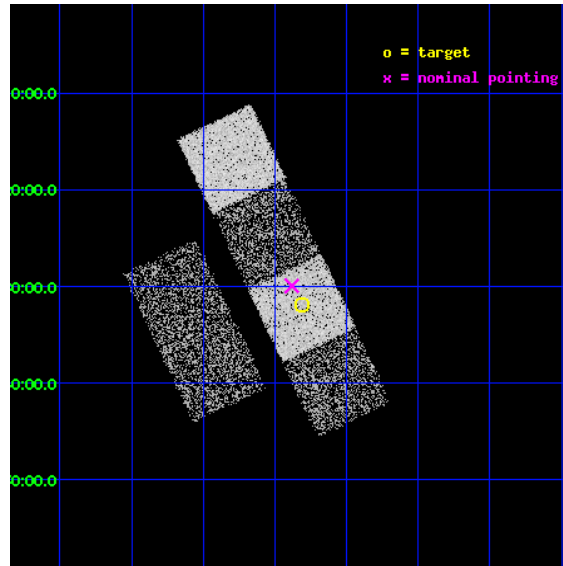
L2 Processing Date : Apr 14 2012

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1 Front

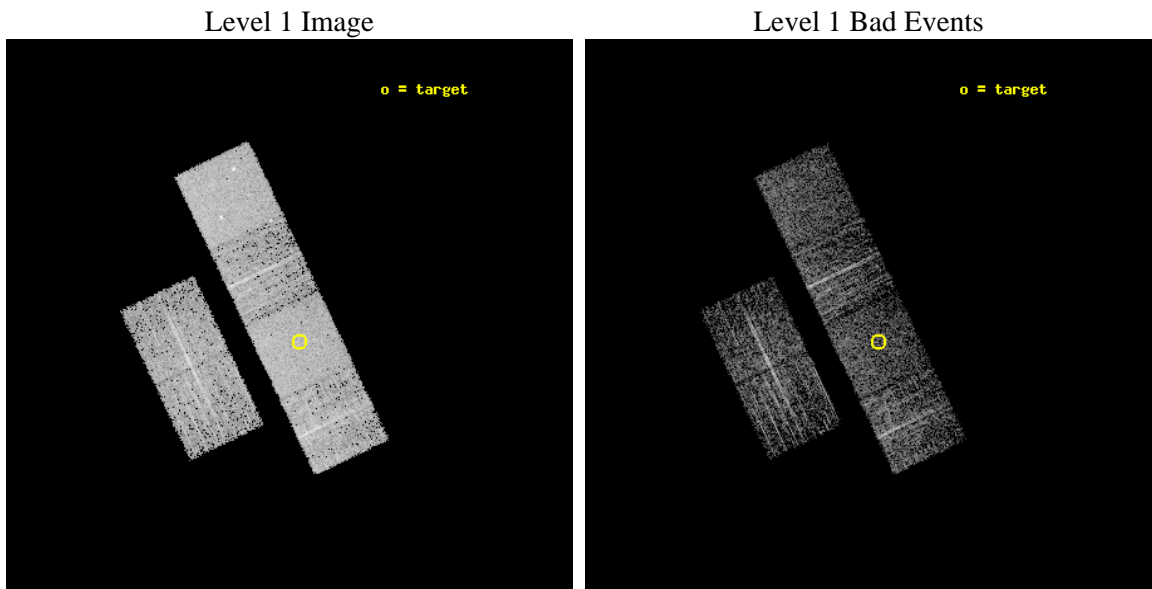
seq_num	600543	Sequence number
obs_id	7105	Observation id
title	A Complete Sample of ULX Host Galaxies	Proposal title
observer	Douglas Swartz	Principal investigator
object	NGC 4592	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	189.827917	Observer's specified target RA [deg]
dec_targ	-0.531889	Observer's specified target Dec [deg]
ra_nom	189.84542899797	Nominal RA [deg]
dec_nom	-0.49890821008113	Nominal Dec [deg]
roll_nom	64.525365131276	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2162.3770017624	Sum of GTIs [s]
livetime	2134.995682139	Livetime [s]
ontime2	2162.4180417657	Sum of GTIs [s]
ontime3	2162.2538817525	Sum of GTIs [s]
ontime5	2162.3359617591	Sum of GTIs [s]
ontime6	2162.2949217558	Sum of GTIs [s]
ontime7	2162.3770017624	Sum of GTIs [s]
ontime8	2162.2128417492	Sum of GTIs [s]
l2events	33153	Number of level 2 events



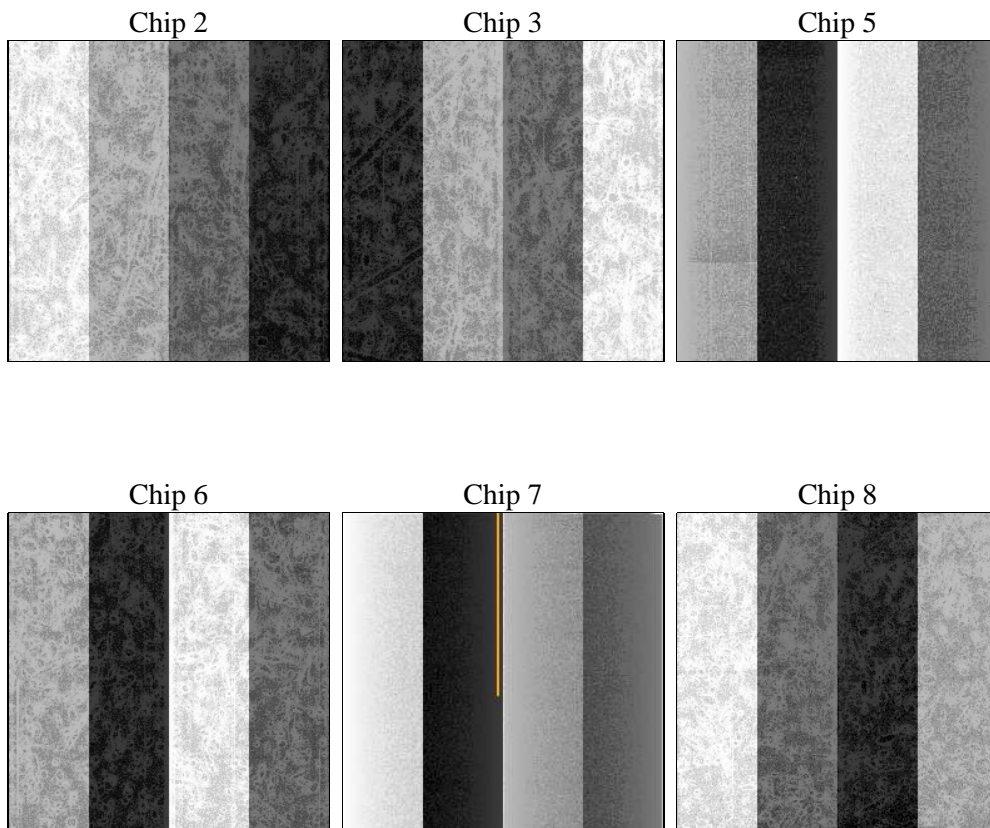
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	2210.000000	[s] Scheduled observation exposure time
ascdsver	8.4.3.1	Processing system revision	ontime	2162.3770017624	Sum of GTIs [s]
caldsver	4.4.9	 	ontime2	2162.4180417657	Sum of GTIs [s]
date	2012-04-14T04:17:51	Date and time of file creation	ontime3	2162.2538817525	Sum of GTIs [s]
revision	2	Processing version of data	ontime5	2162.3359617591	Sum of GTIs [s]
			ontime6	2162.2949217558	Sum of GTIs [s]
			ontime7	2162.3770017624	Sum of GTIs [s]
			ontime8	2162.2128417492	Sum of GTIs [s]
			l1events	144253	Number of level 1 events

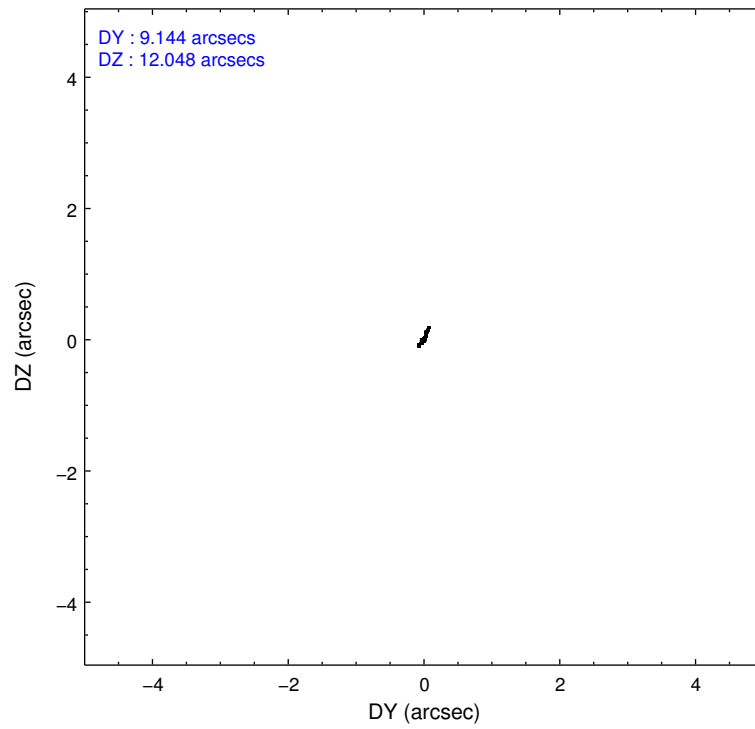
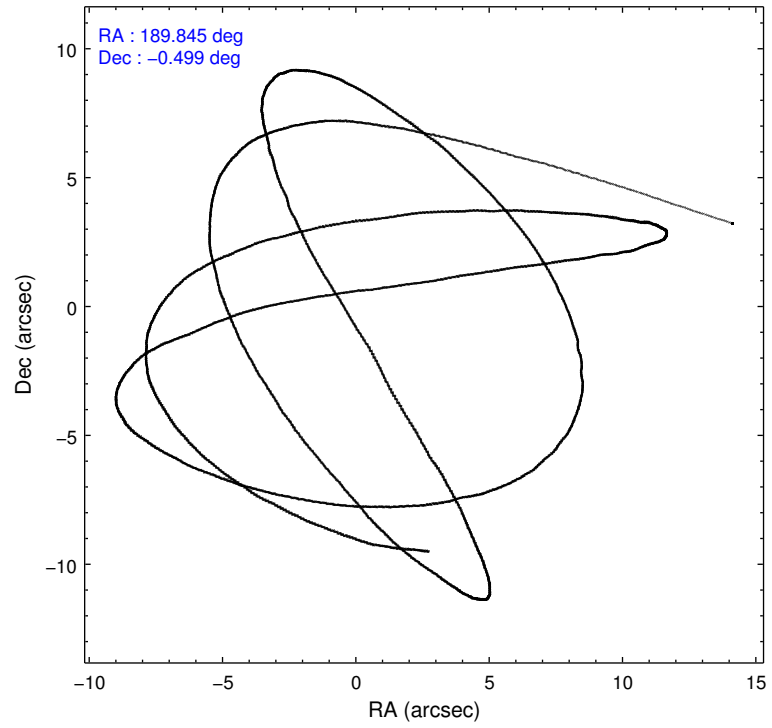
2.1.4 Events

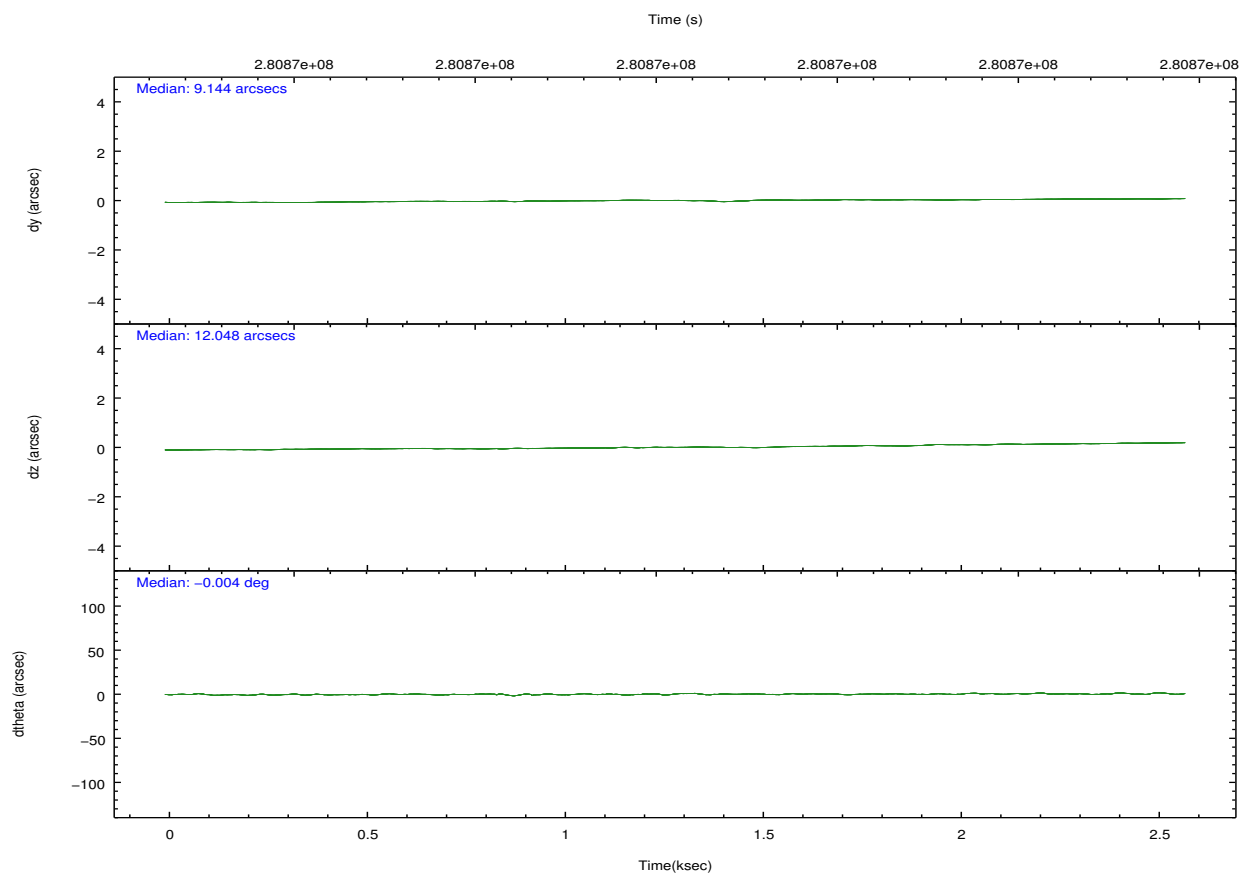
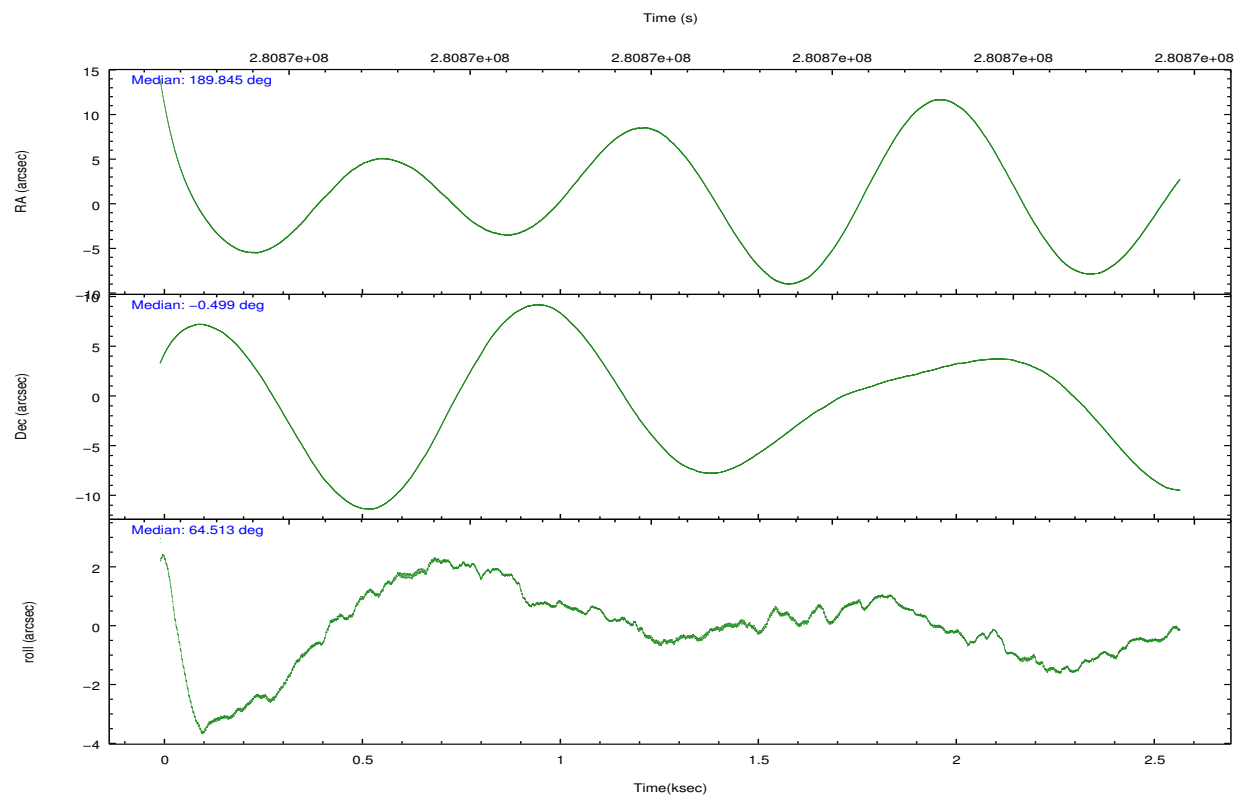
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8		ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	19550	20290	31129	20537	27666	25081	grade 0 events	1082	1087	1497	969	985	1943
rejected events	17085	17848	16856	18132	16226	19489		5%	5%	4%	4%	3%	7%
rejected %	87%	87%	54%	88%	58%	77%	grade 1 events	19	18	66	15	25	21
								0%	0%	0%	0%	0%	0%
							grade 2 events	503	501	4244	513	2321	1130
								2%	2%	13%	2%	8%	4%
							grade 3 events	214	221	494	240	983	583
								1%	1%	1%	1%	3%	2%
							grade 4 events	237	229	495	207	1048	530
								1%	1%	1%	1%	3%	2%
							grade 5 events	797	819	2248	916	2708	1183
								4%	4%	7%	4%	9%	4%
							grade 6 events	438	411	7581	478	6144	1436
								2%	2%	24%	2%	22%	5%
							grade 7 events	16260	17004	14504	17199	13452	18255
								83%	83%	46%	83%	48%	72%

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	189.848104	189.8454289979697	Subarray requested	NONE	NONE
[deg] Pointing Dec	-0.526045	-0.498908210081131	Alternating exposures requested	N	N
[deg] Pointing Roll	64.368760	64.52536513127639	[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	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	280866627.184000	280865559.54446			
Observation start date	2006-11-25T18:29:22	2006-11-25T18:12:39			
[s] Observation end time (MET)	280868837.184000	280869812.26966			
Observation end date	2006-11-25T19:06:12	2006-11-25T19:23:32			
Read mode	TIMED	TIMED			

2.3 Aspect



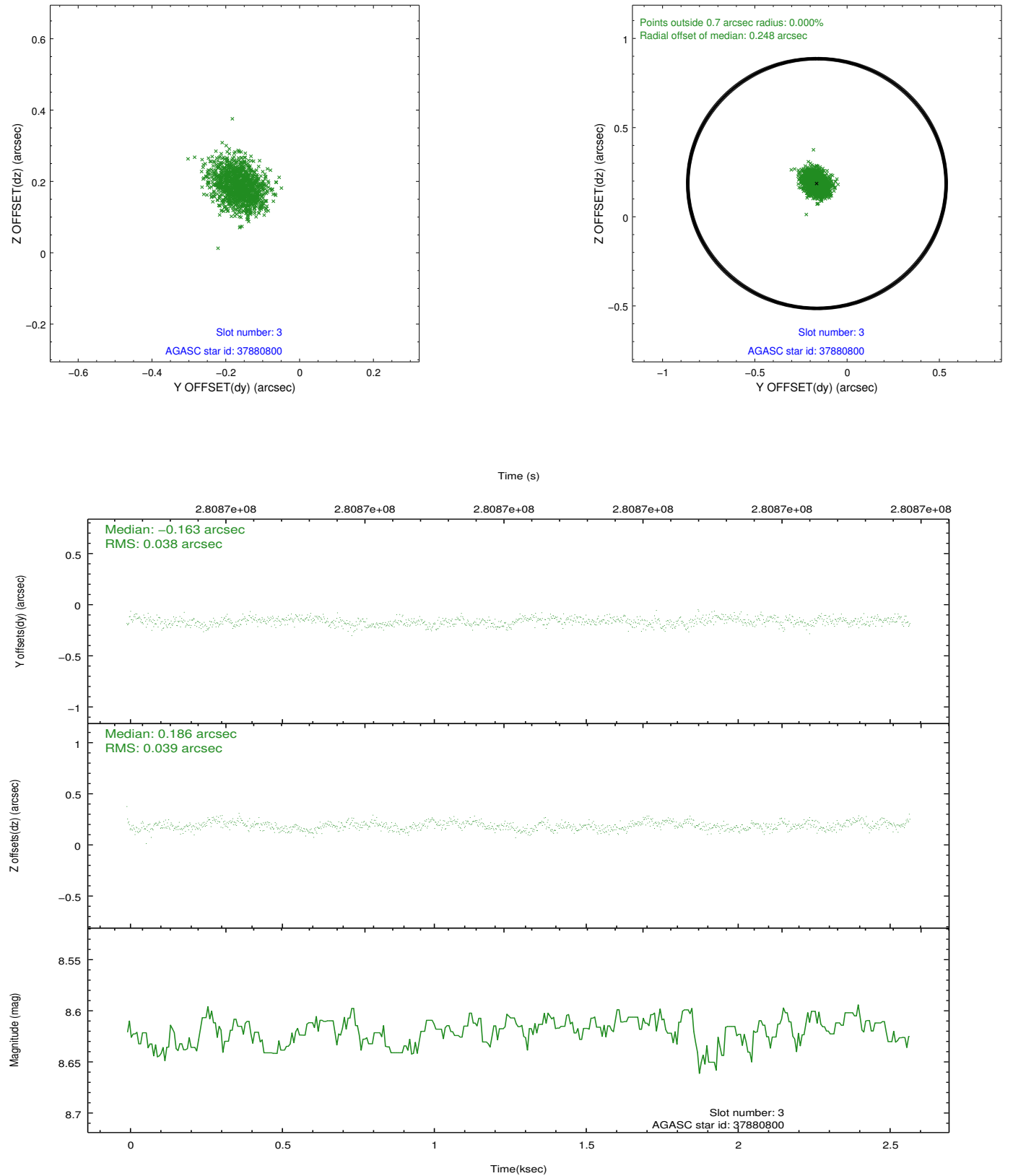


Slot Statistics

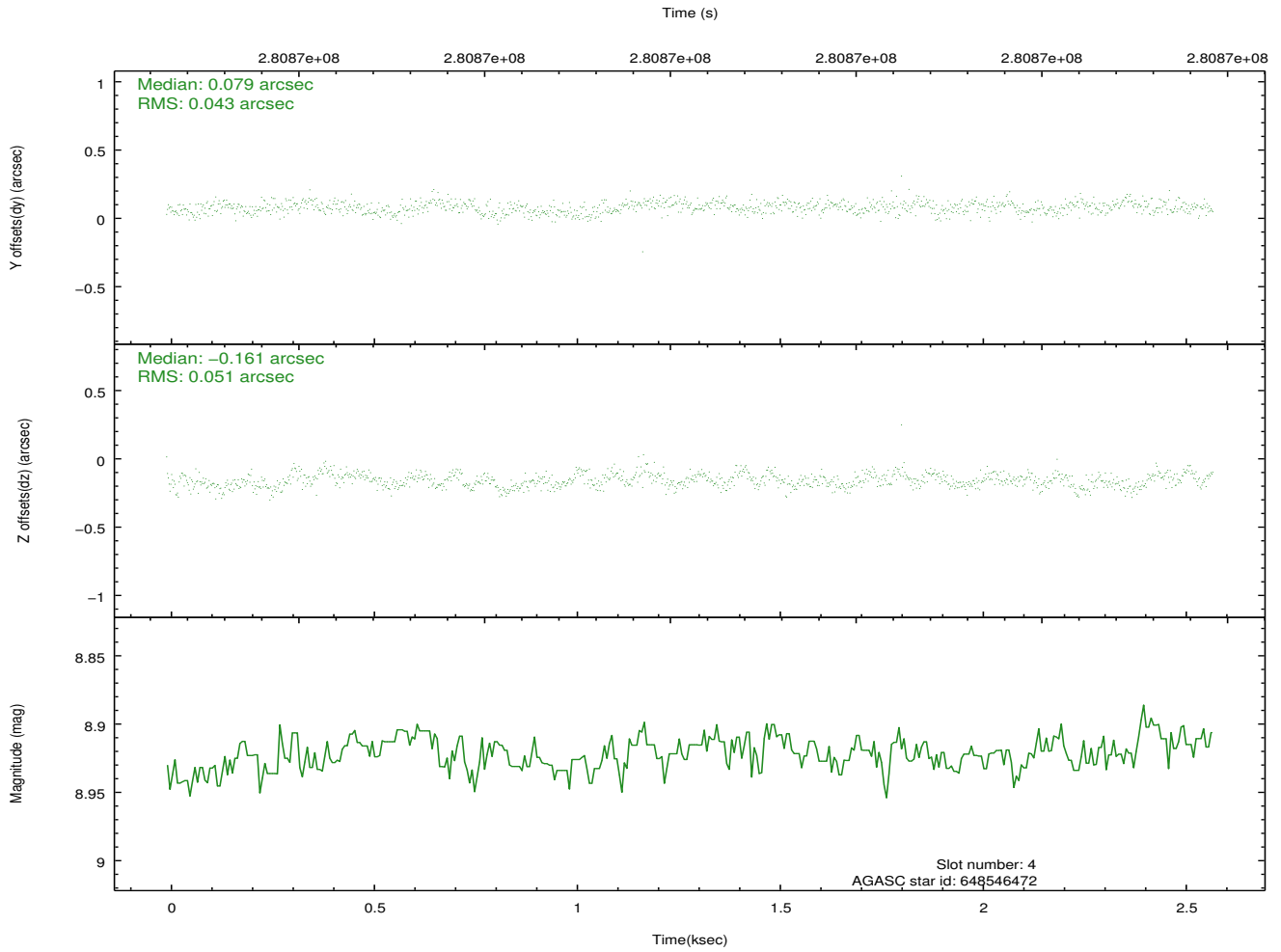
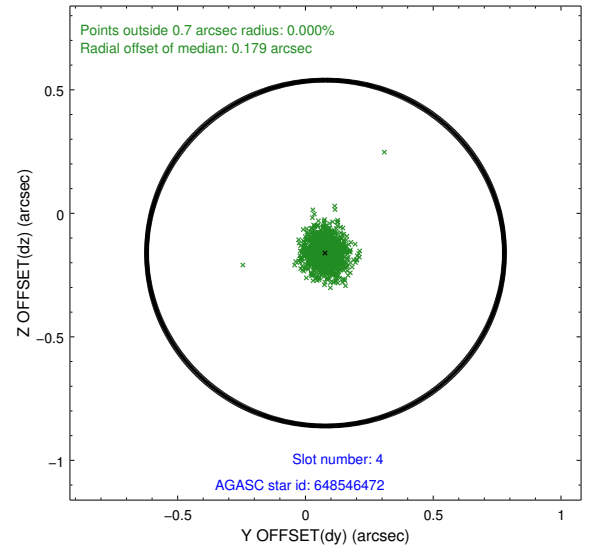
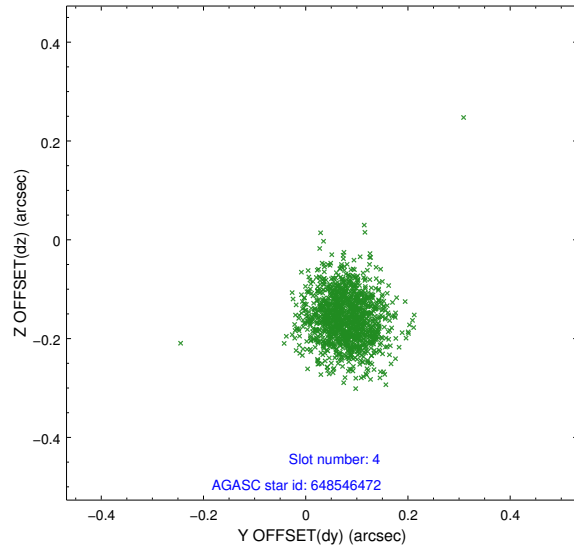
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	629	-0.024	-0.038	0.007	0.014	0.000000	0.000000	-761.98	-1733.35
1	FID	ACIS-S-4	7.21	629	0.150	0.022	0.006	0.011	0.000000	0.000000	2150.34	172.59
2	FID	ACIS-S-5	7.23	629	-0.158	0.025	0.007	0.012	0.000000	0.000000	-1811.73	169.13
3	GUIDE	37880800	8.62	1258	-0.163	0.186	0.057	0.093	189.634364	0.217340	2079.87	1851.65
4	GUIDE	648546472	8.92	1258	0.079	-0.161	0.068	0.113	189.852690	-0.296096	755.52	344.40
5	GUIDE	648548048	8.63	1256	0.301	-0.301	0.062	0.100	189.228766	-0.494782	-862.34	2058.08
6	GUIDE	648681160	8.77	1258	-0.034	0.181	0.067	0.110	190.265088	-0.620514	342.49	-1499.22
7	GUIDE	648682856	8.16	1256	-0.177	0.094	0.074	0.121	190.573610	-0.307955	1838.74	-2016.48

2.4 Star Slots

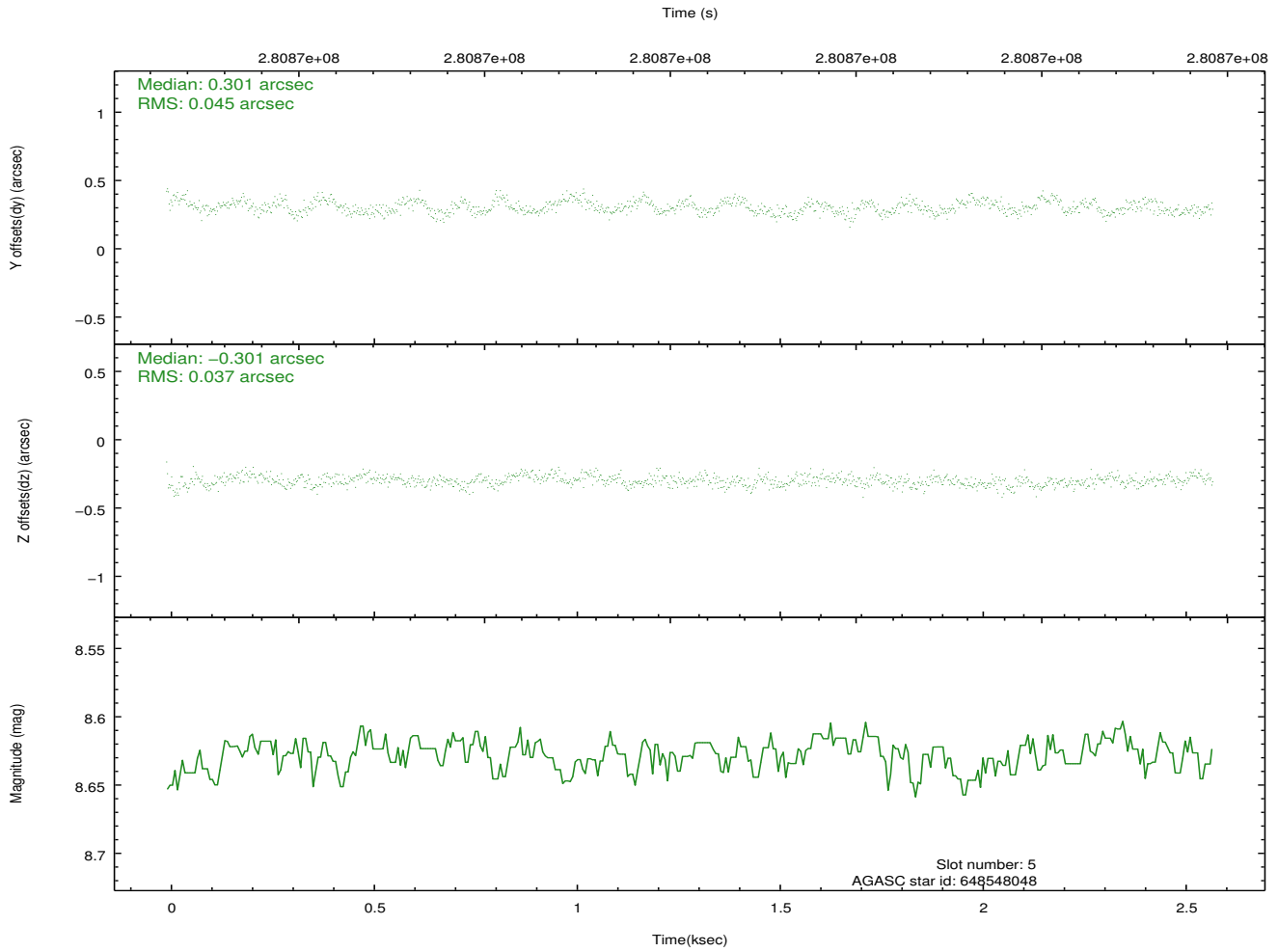
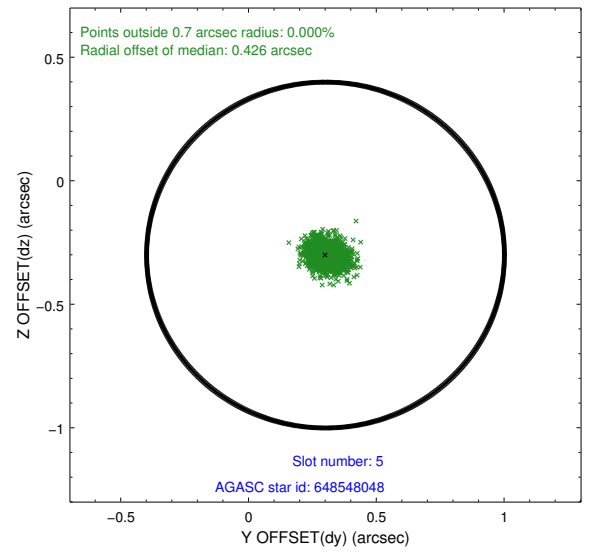
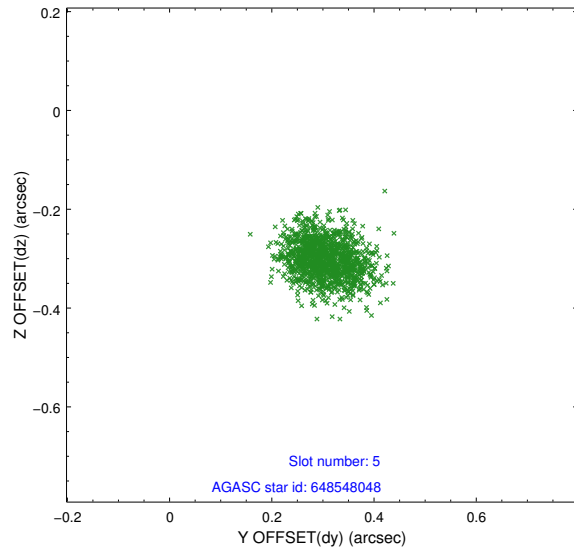
2.4.1 Slot 3



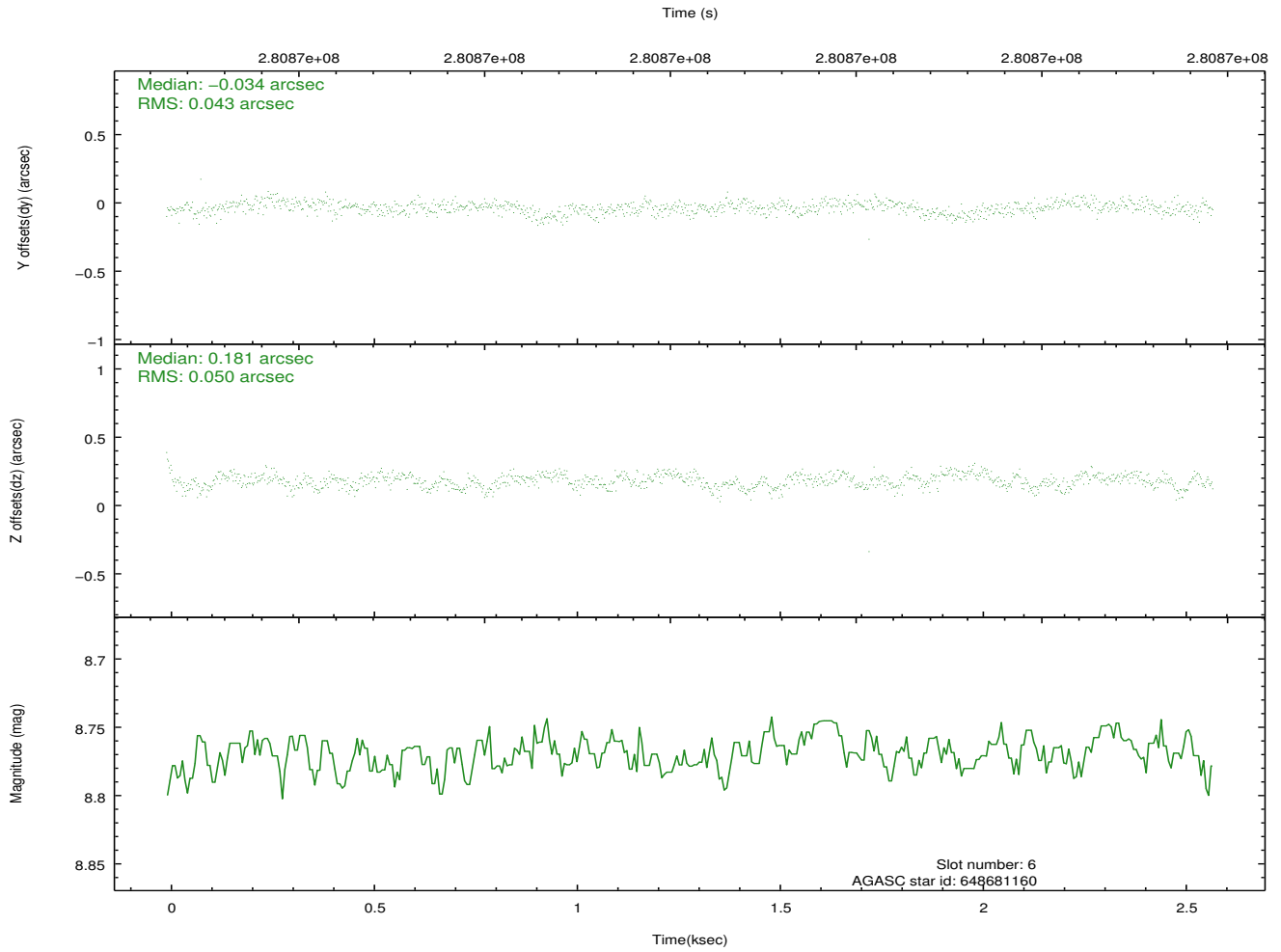
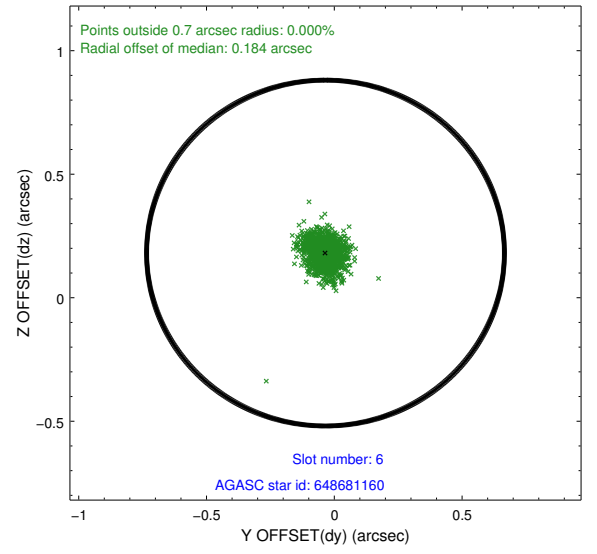
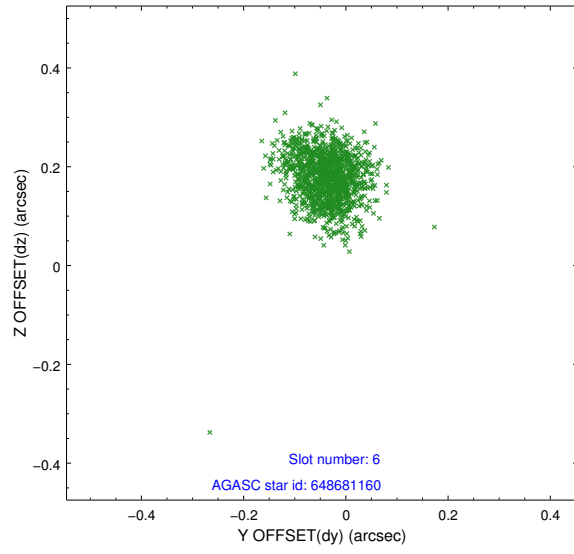
2.4.2 Slot 4



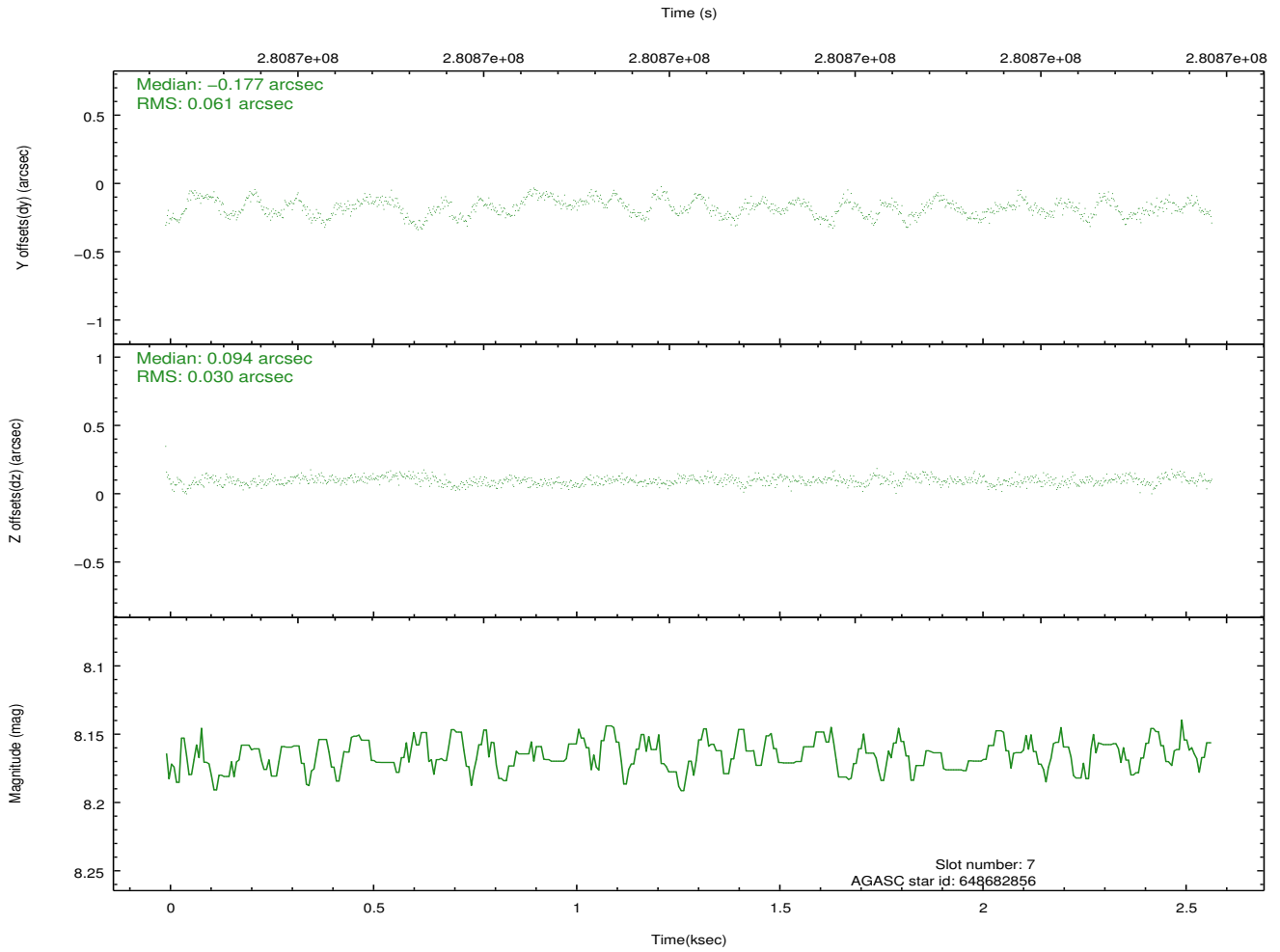
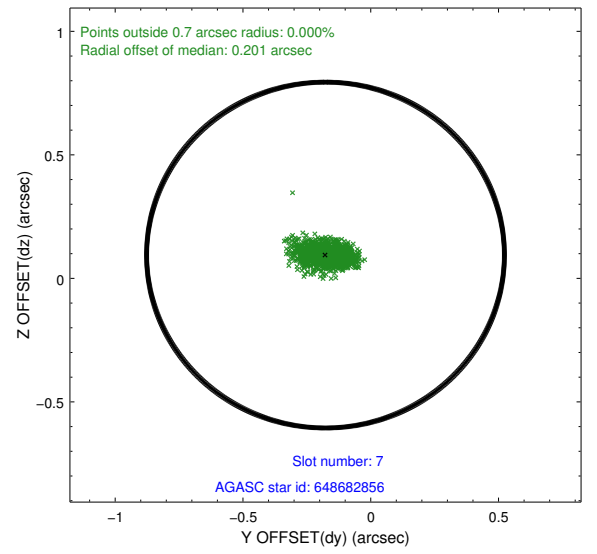
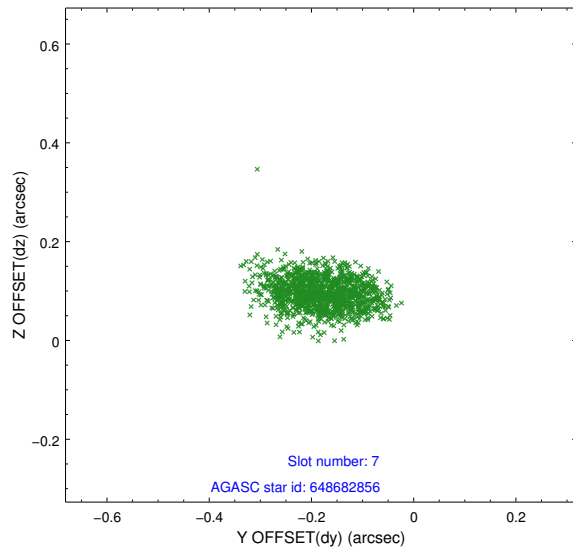
2.4.3 Slot 5



2.4.4 Slot 6

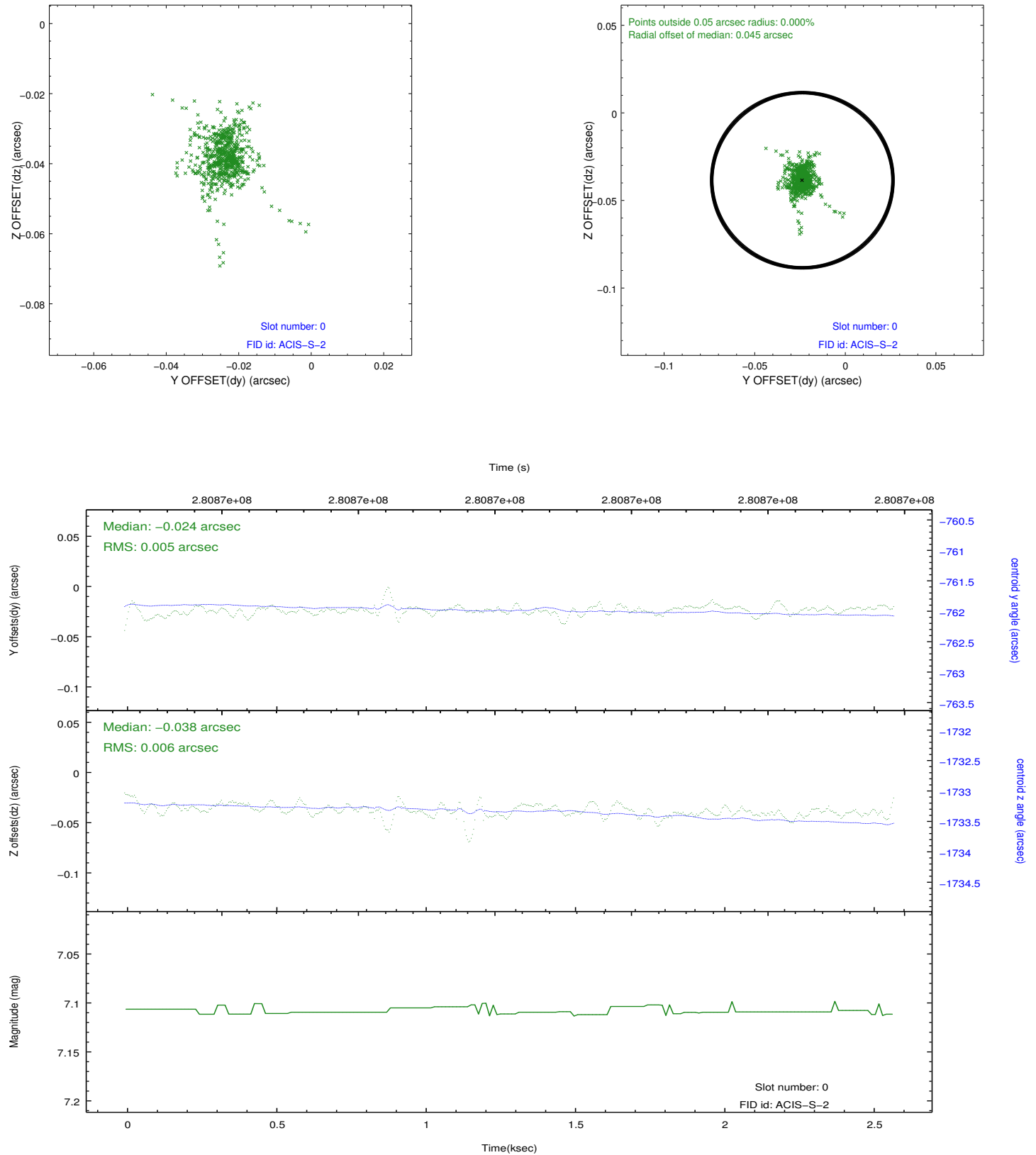


2.4.5 Slot 7

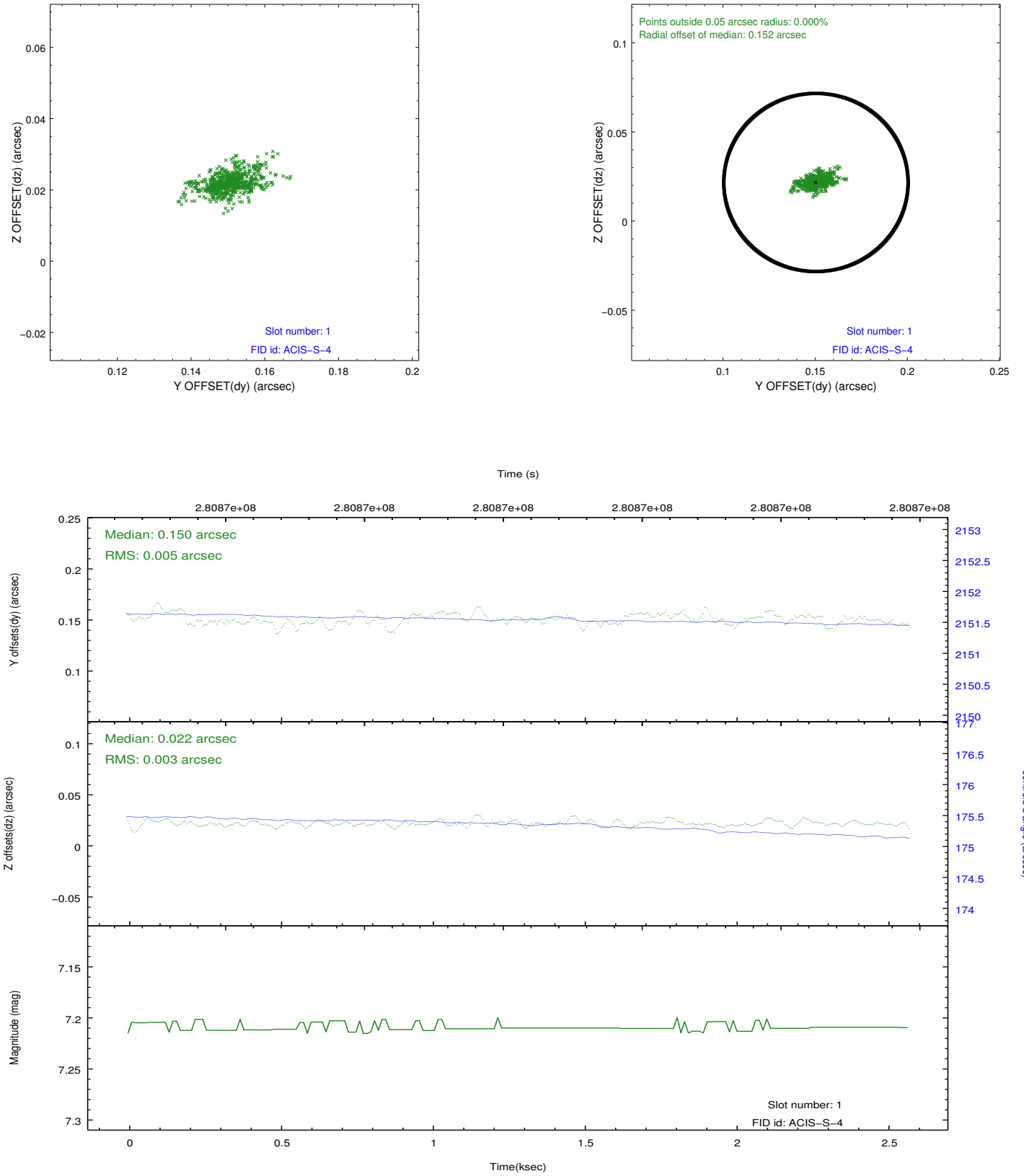


2.5 FID Slots

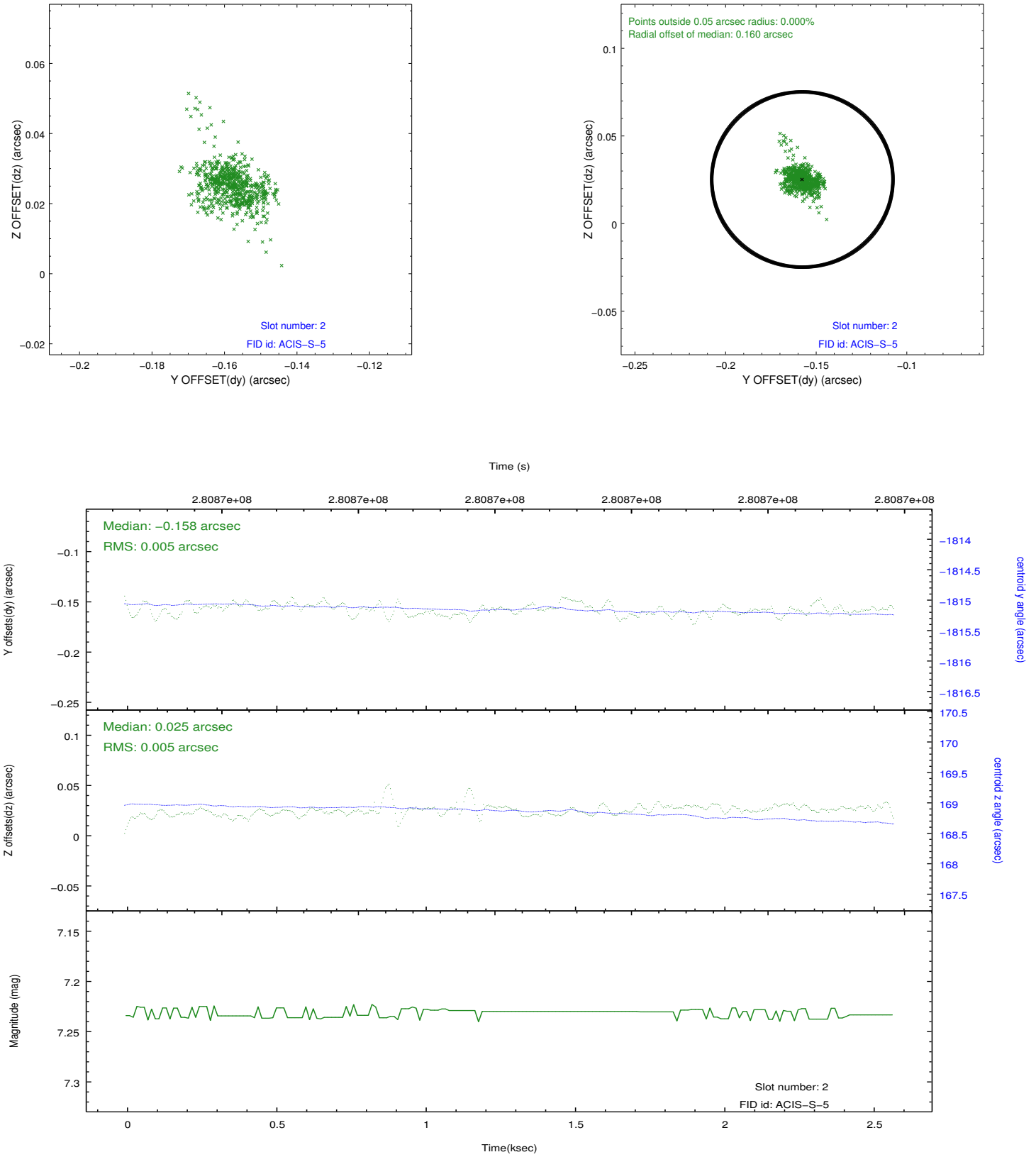
2.5.1 Slot 0



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)	2012.04.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.16319999

A.2 Comments