

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 3303 - L2 Version 3
Chandra X-Ray Center

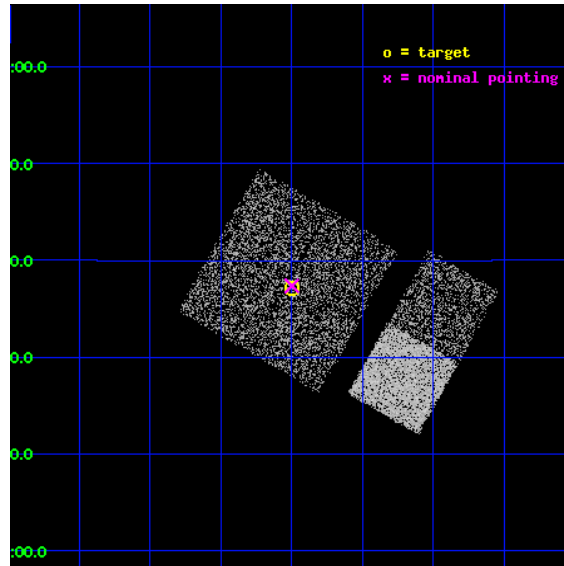
L2 Processing Date : Oct 11 2012

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1 Front

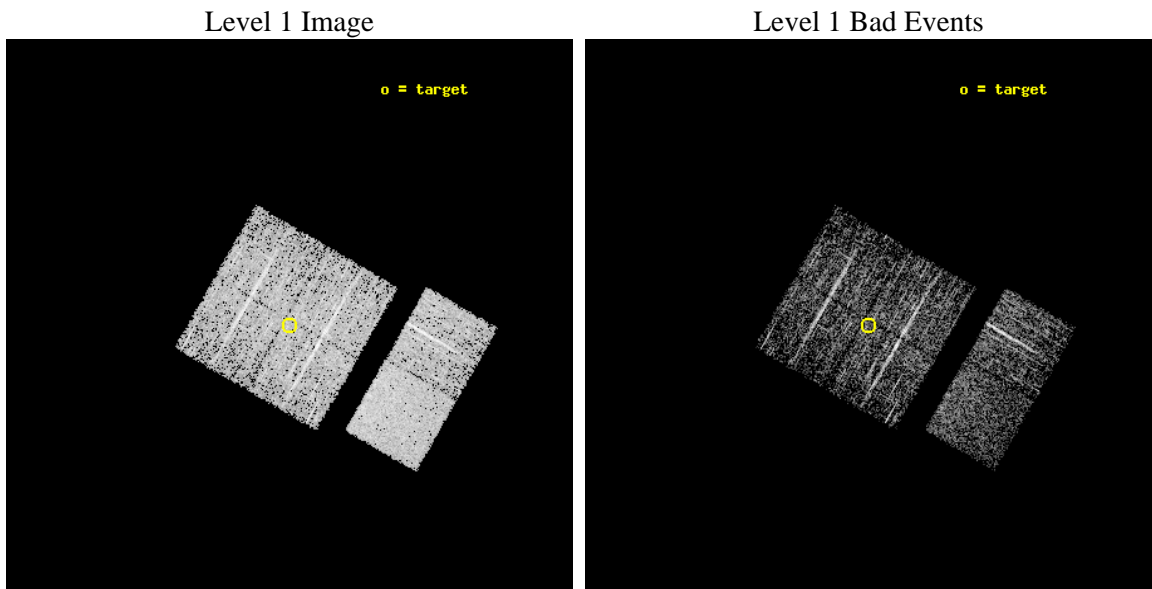
seq_num	900142	Sequence number
obs_id	3303	Observation id
title	A CHEAP COMPLETE WIDE BRIGHT SURVEY	Proposal title
observer	DR. FABIO LA FRANCA	Principal investigator
object	H230230	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	345.625417	Observer's specified target RA [deg]
dec_targ	8.618333	Observer's specified target Dec [deg]
ra_nom	345.62468181019	Nominal RA [deg]
dec_nom	8.623064751054	Nominal Dec [deg]
roll_nom	120.01745047863	Nominal Roll [deg]
revision	3	Processing version of data
ontime	2463.7774958909	Sum of GTIs [s]
livetime	2432.5796617292	Livetime [s]
ontime0	2463.6543759108	Sum of GTIs [s]
ontime1	2463.6954158843	Sum of GTIs [s]
ontime2	2463.7364558876	Sum of GTIs [s]
ontime3	2463.7774958909	Sum of GTIs [s]
ontime6	2463.8595758975	Sum of GTIs [s]
ontime7	2463.8185358942	Sum of GTIs [s]
l2events	18156	Number of level 2 events



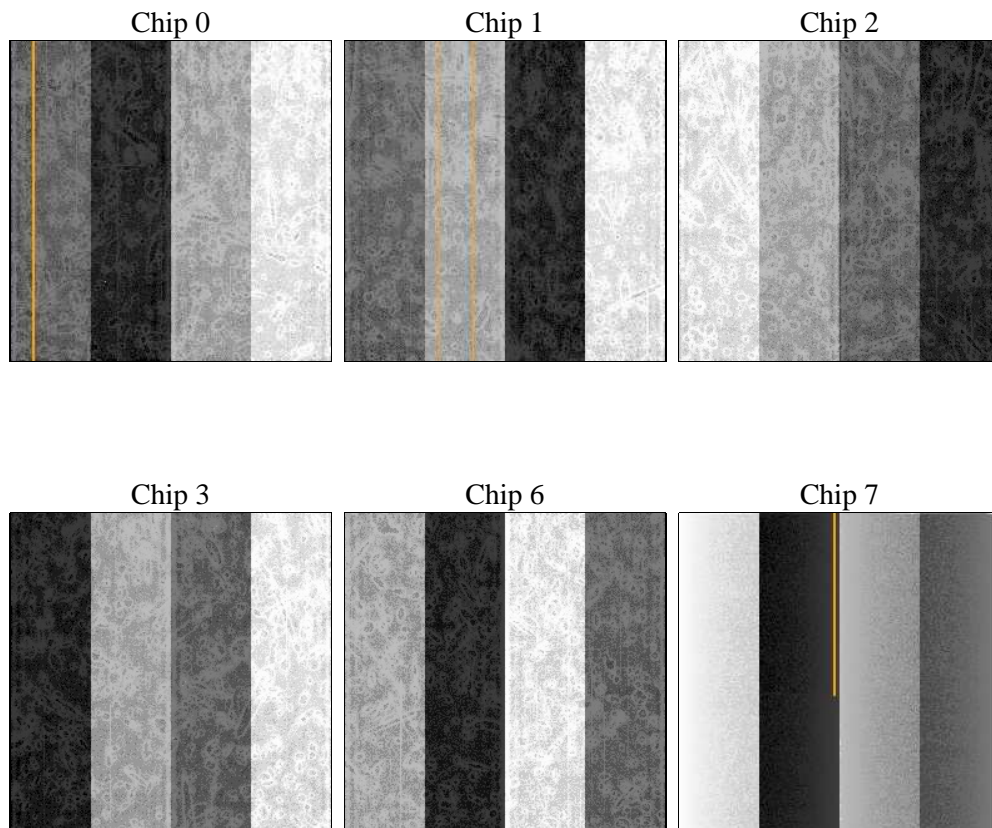
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	2500.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	2463.7774958909	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	2463.6543759108	Sum of GTIs [s]
date	2012-10-11T12:16:29	Date and time of file creation	ontime1	2463.6954158843	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	2463.7364558876	Sum of GTIs [s]
			ontime3	2463.7774958909	Sum of GTIs [s]
			ontime6	2463.8595758975	Sum of GTIs [s]
			ontime7	2463.8185358942	Sum of GTIs [s]
			l1events	103630	Number of level 1 events

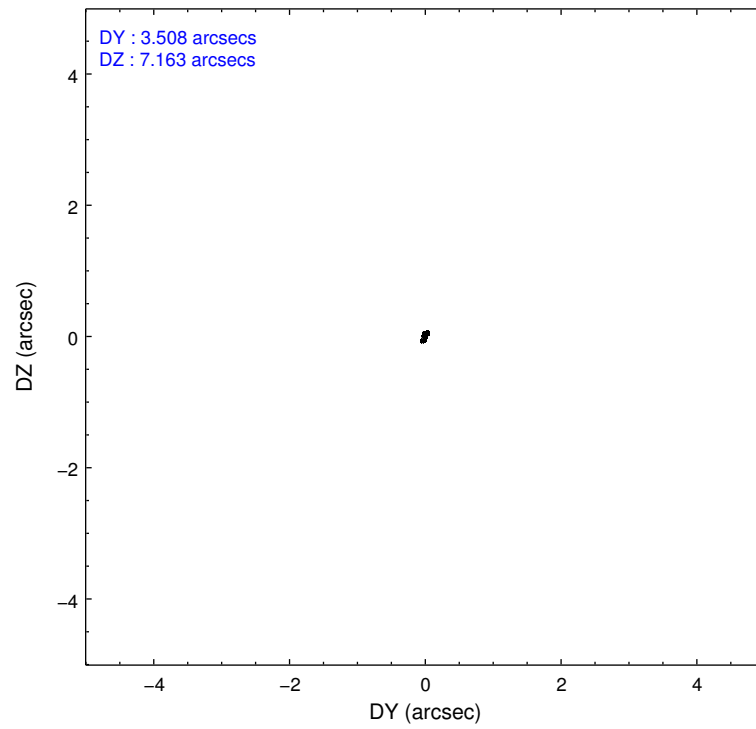
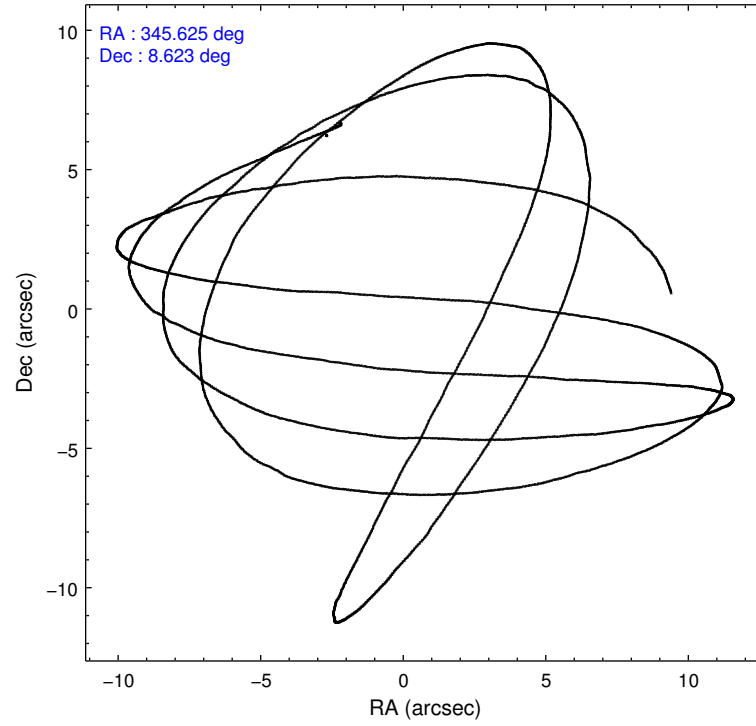
2.1.4 Events

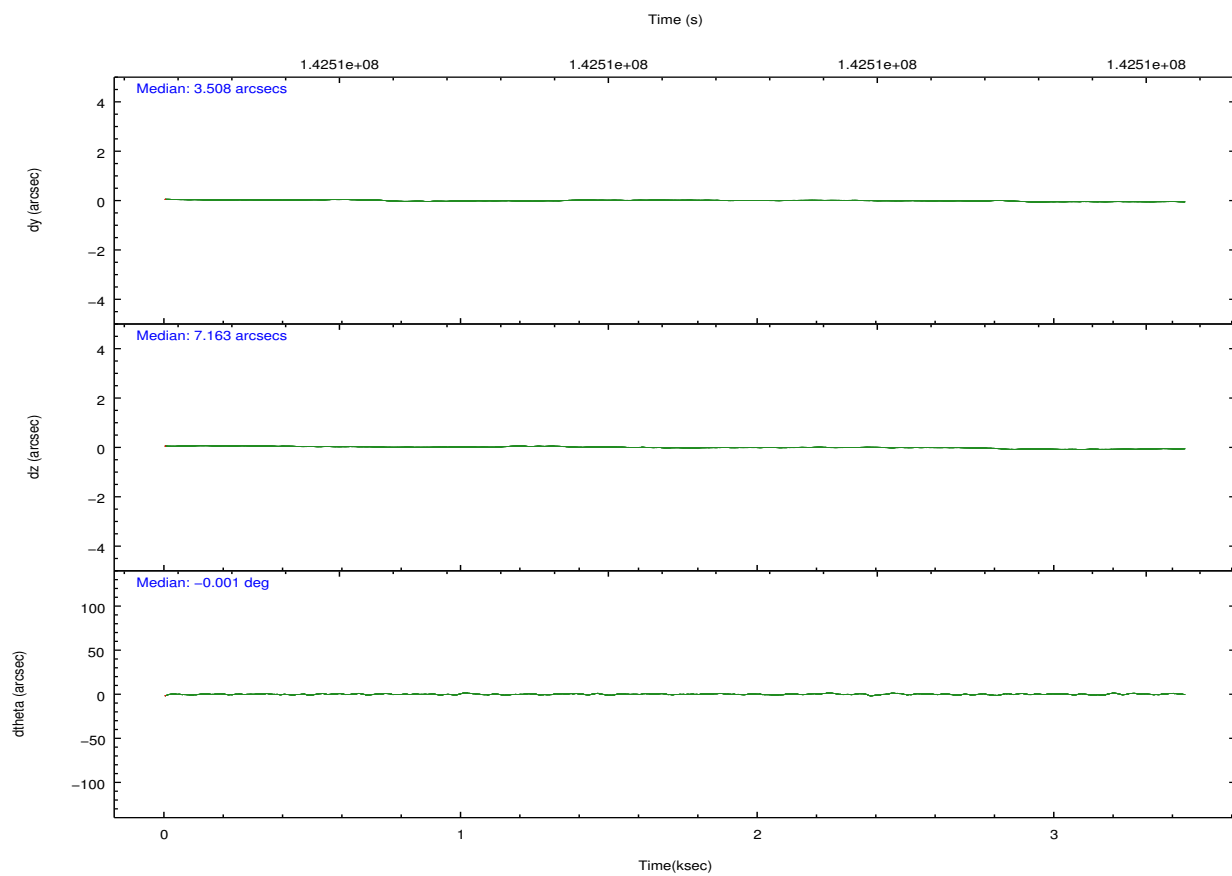
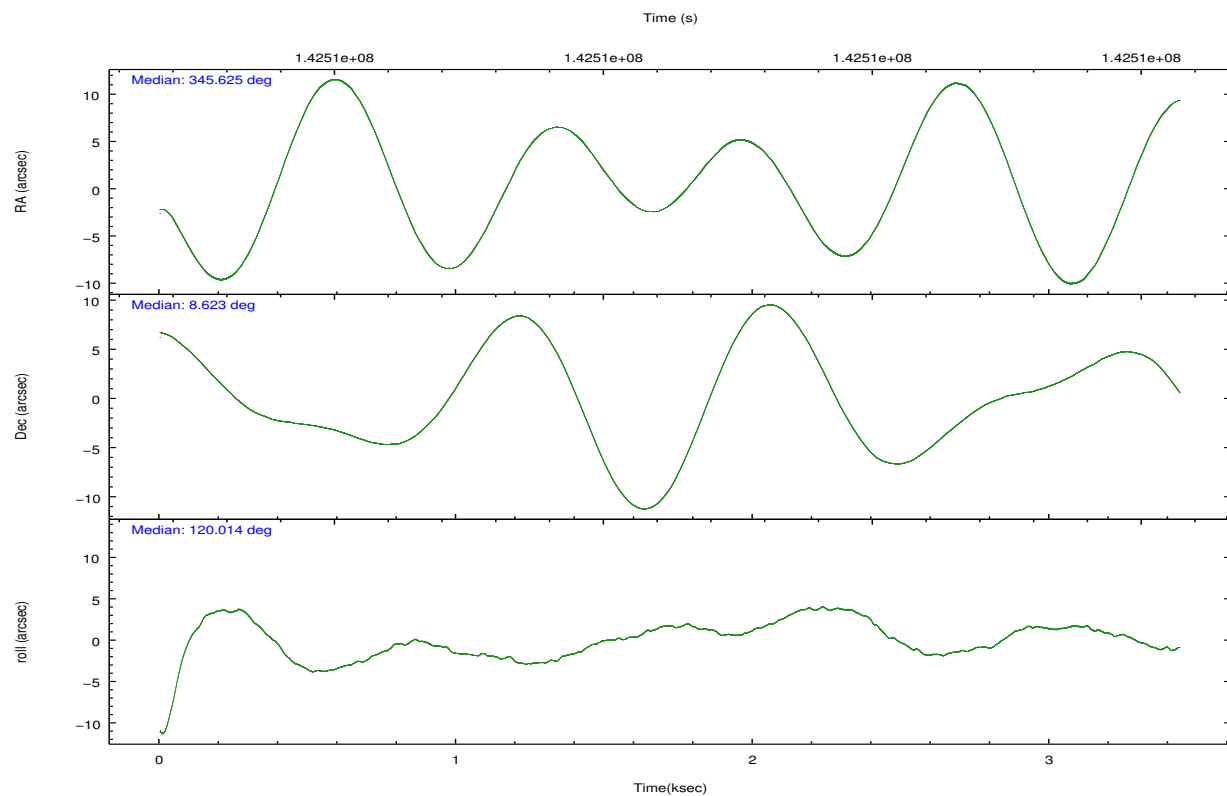
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	15641	15006	17237	16719	17402	21625	grade 0 events	962	1008	949	867	829	801
rejected events	13377	12688	15115	14609	15312	12628		6%	6%	5%	5%	4%	3%
rejected %	85%	84%	87%	87%	87%	58%	grade 1 events	6	7	9	10	6	19
								0%	0%	0%	0%	0%	0%
							grade 2 events	523	528	479	464	496	1745
								3%	3%	2%	2%	2%	8%
							grade 3 events	178	191	183	178	172	884
								1%	1%	1%	1%	0%	4%
							grade 4 events	191	183	168	189	171	775
								1%	1%	0%	1%	0%	3%
							grade 5 events	588	590	561	652	719	2021
								3%	3%	3%	3%	4%	9%
							grade 6 events	413	411	349	419	429	4832
								2%	2%	2%	2%	2%	22%
							grade 7 events	12780	12088	14539	13940	14580	10548
								81%	80%	84%	83%	83%	48%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	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	345.648889	345.6246818101922	Subarray requested	NONE	NONE
[deg] Pointing Dec	8.609350	8.623064751054022	Alternating exposures requested	N	N
[deg] Pointing Roll	119.805147	120.0174504786307	[s] Primary exposure time	0.000000	3.2
[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)	142509471.184000	142508140.34769			
Observation start date	2002-07-08T09:56:47	2002-07-08T09:35:40			
[s] Observation end time (MET)	142511971.184000	142512338.74787			
Observation end date	2002-07-08T10:38:27	2002-07-08T10:45:38			
Read mode	TIMED	TIMED			

2.3 Aspect



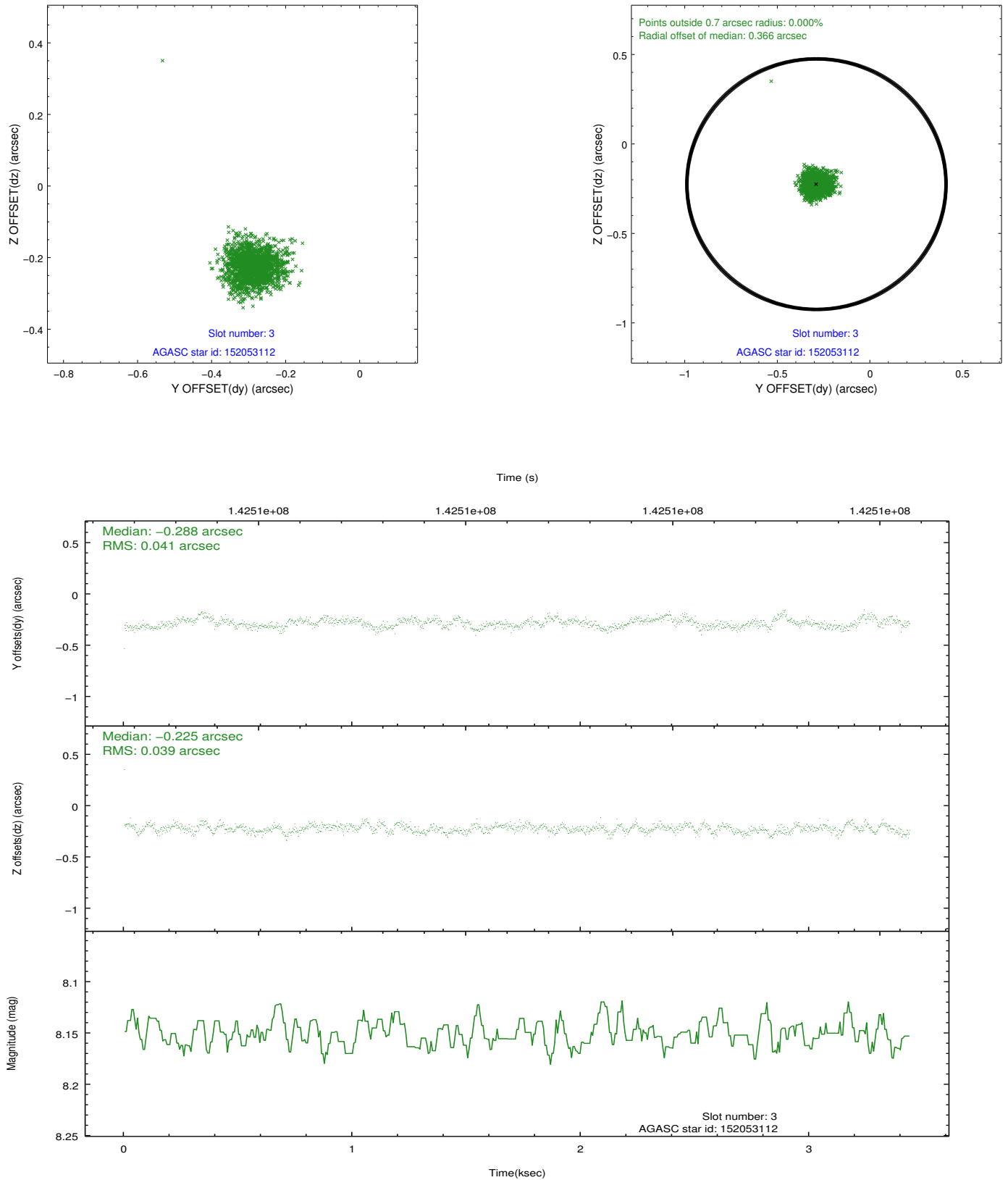


Slot Statistics

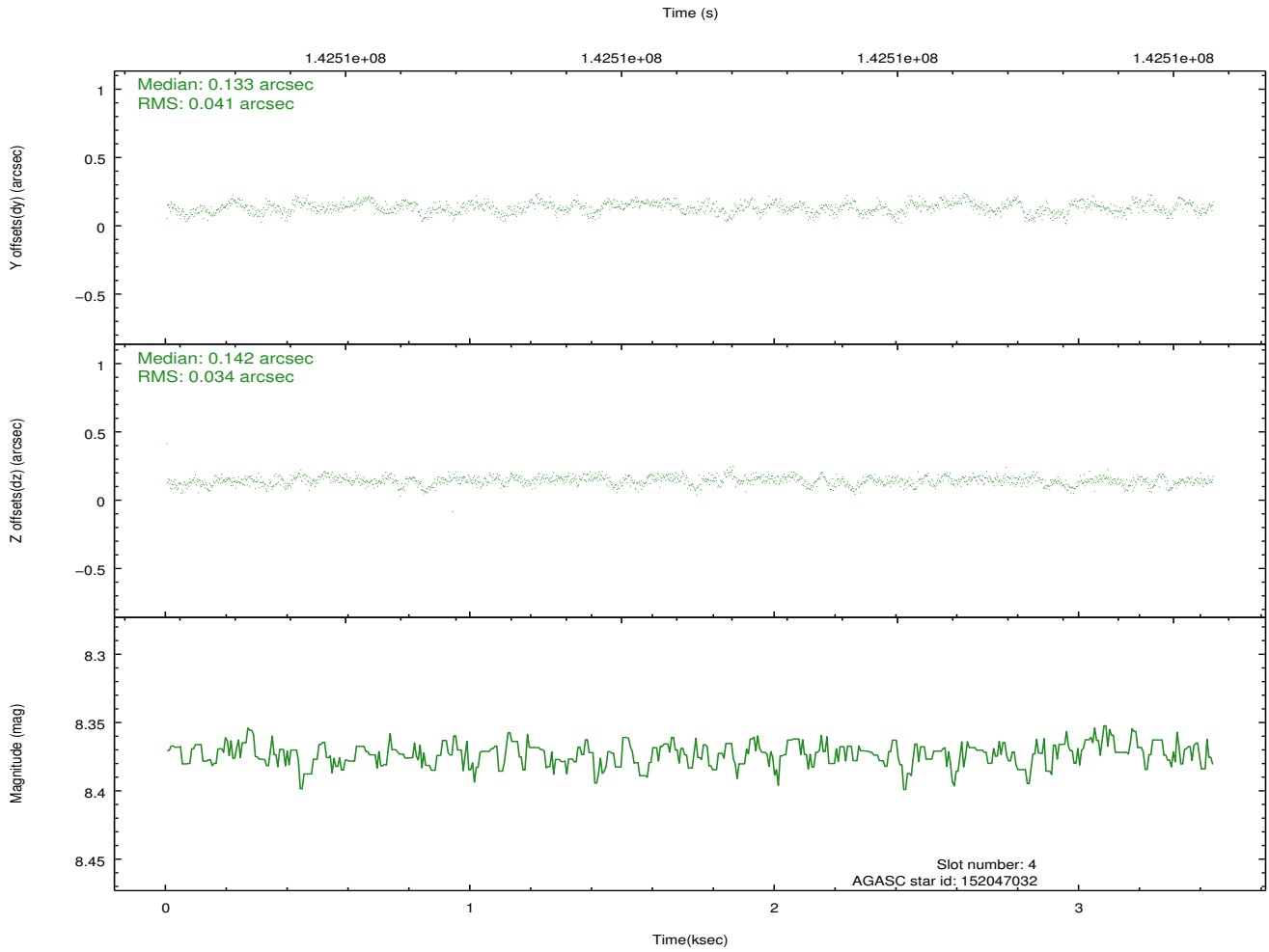
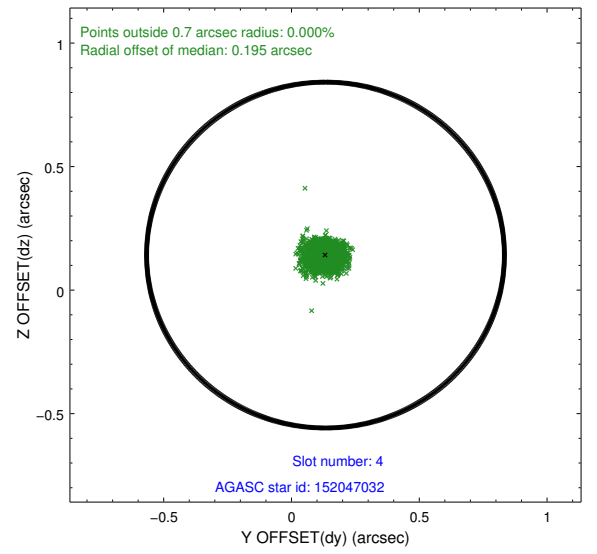
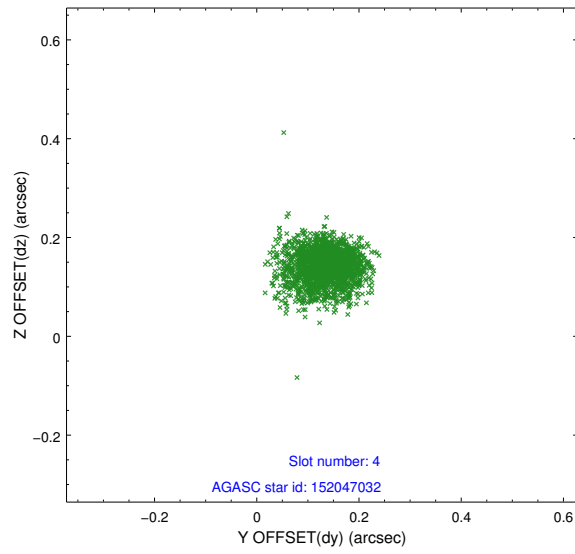
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	839	-0.032	-0.047	0.006	0.011	0.000000	0.000000	936.23	-830.62
1	FID	ACIS-I-3	7.45	839	0.007	0.172	0.007	0.012	0.000000	0.000000	54.79	-964.60
2	FID	ACIS-I-6	7.26	839	-0.064	-0.058	0.006	0.011	0.000000	0.000000	402.01	1710.12
3	GUIDE	152053112	8.15	1678	-0.288	-0.225	0.057	0.094	345.154715	8.750450	1314.17	1272.39
4	GUIDE	152047032	8.37	1677	0.133	0.142	0.056	0.090	346.097703	8.190159	-2103.85	-637.49
5	GUIDE	152054384	8.46	1678	0.124	-0.294	0.073	0.116	345.304255	7.996626	-1305.45	2161.28
6	GUIDE	152047512	9.24	1678	-0.124	0.188	0.092	0.149	345.446790	9.155873	2062.28	-353.36
7	GUIDE	152051744	9.31	1677	0.154	0.195	0.083	0.137	346.125530	8.193913	-2140.86	-731.16

2.4 Star Slots

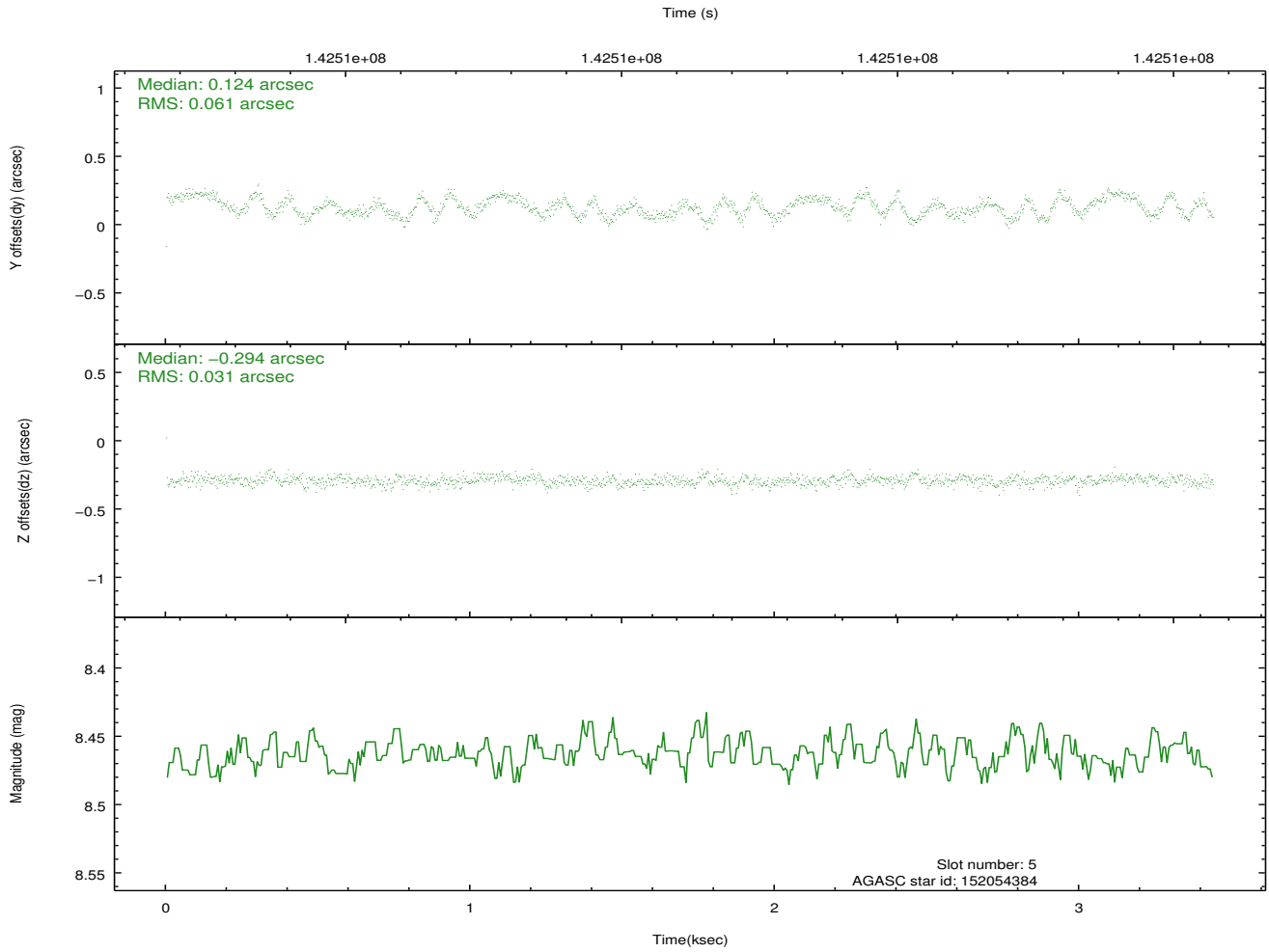
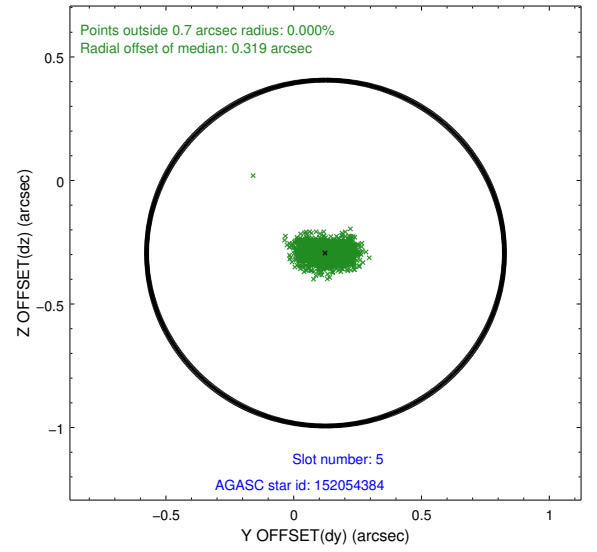
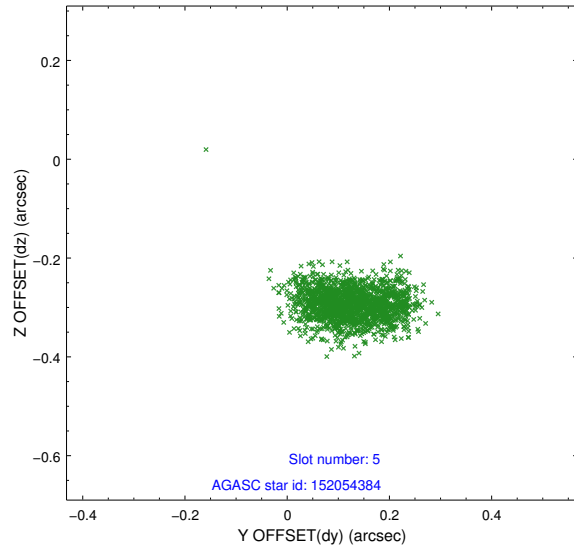
2.4.1 Slot 3



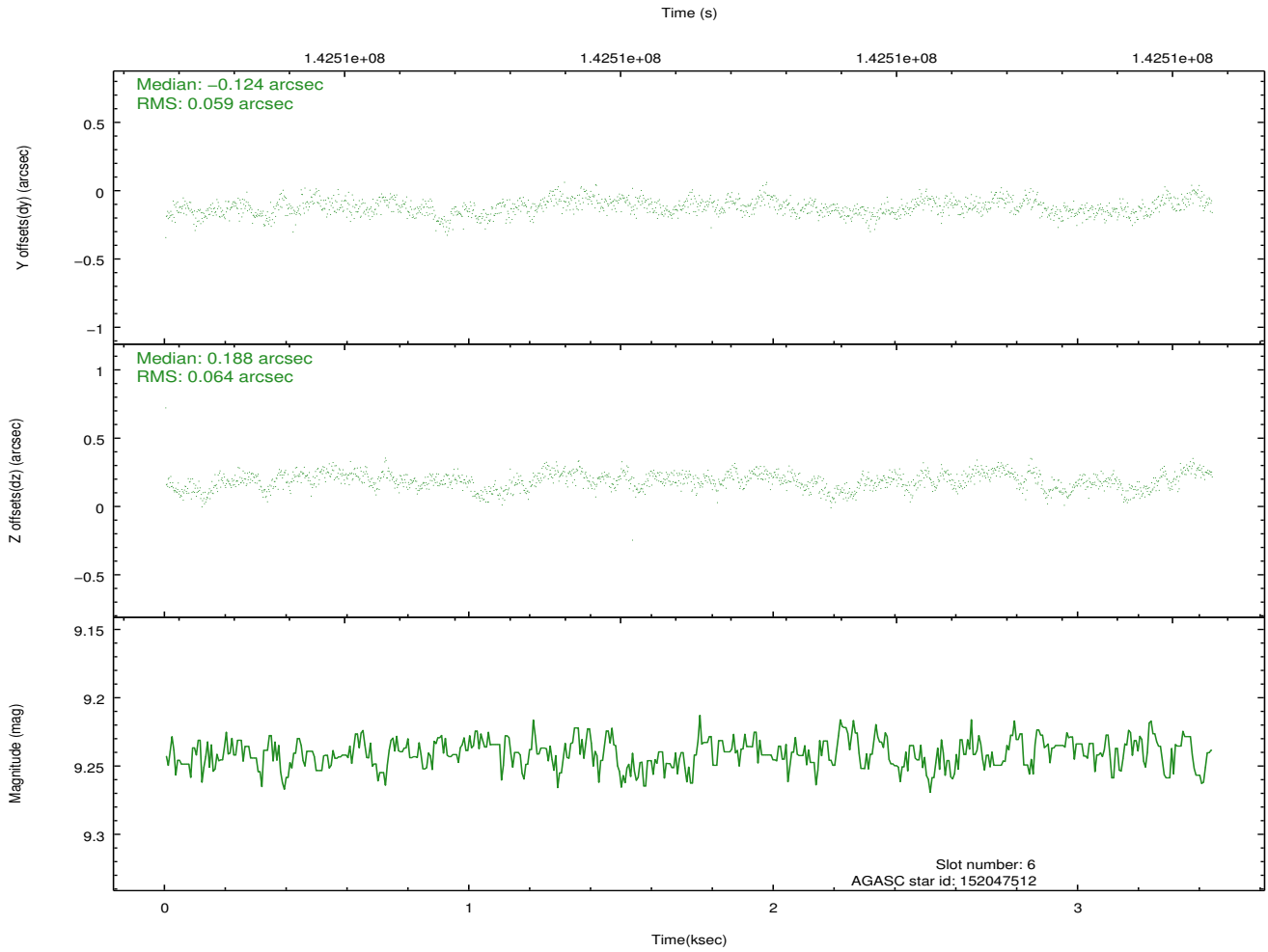
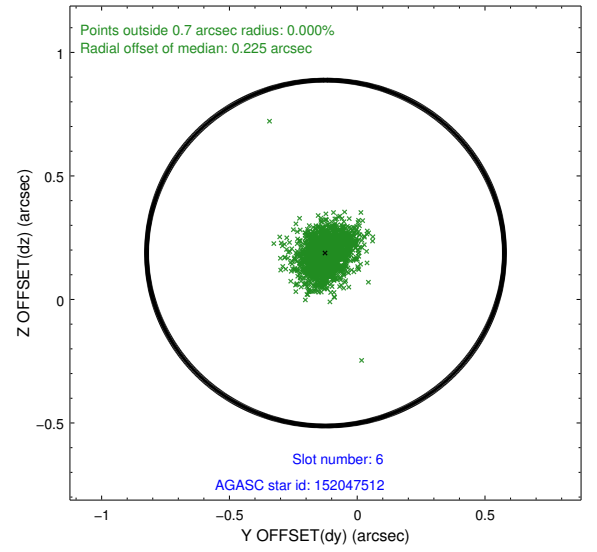
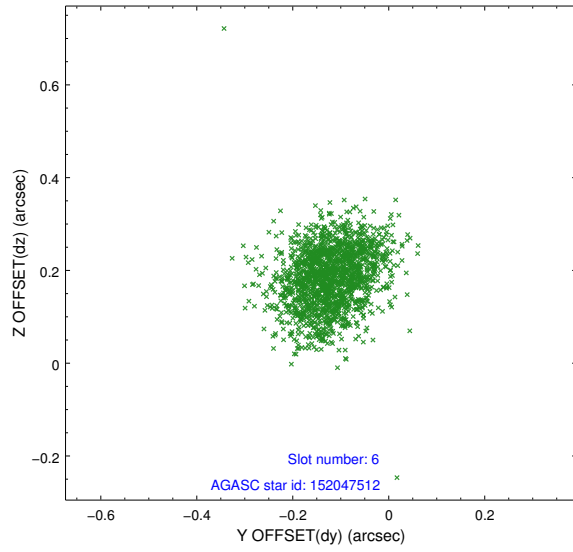
2.4.2 Slot 4



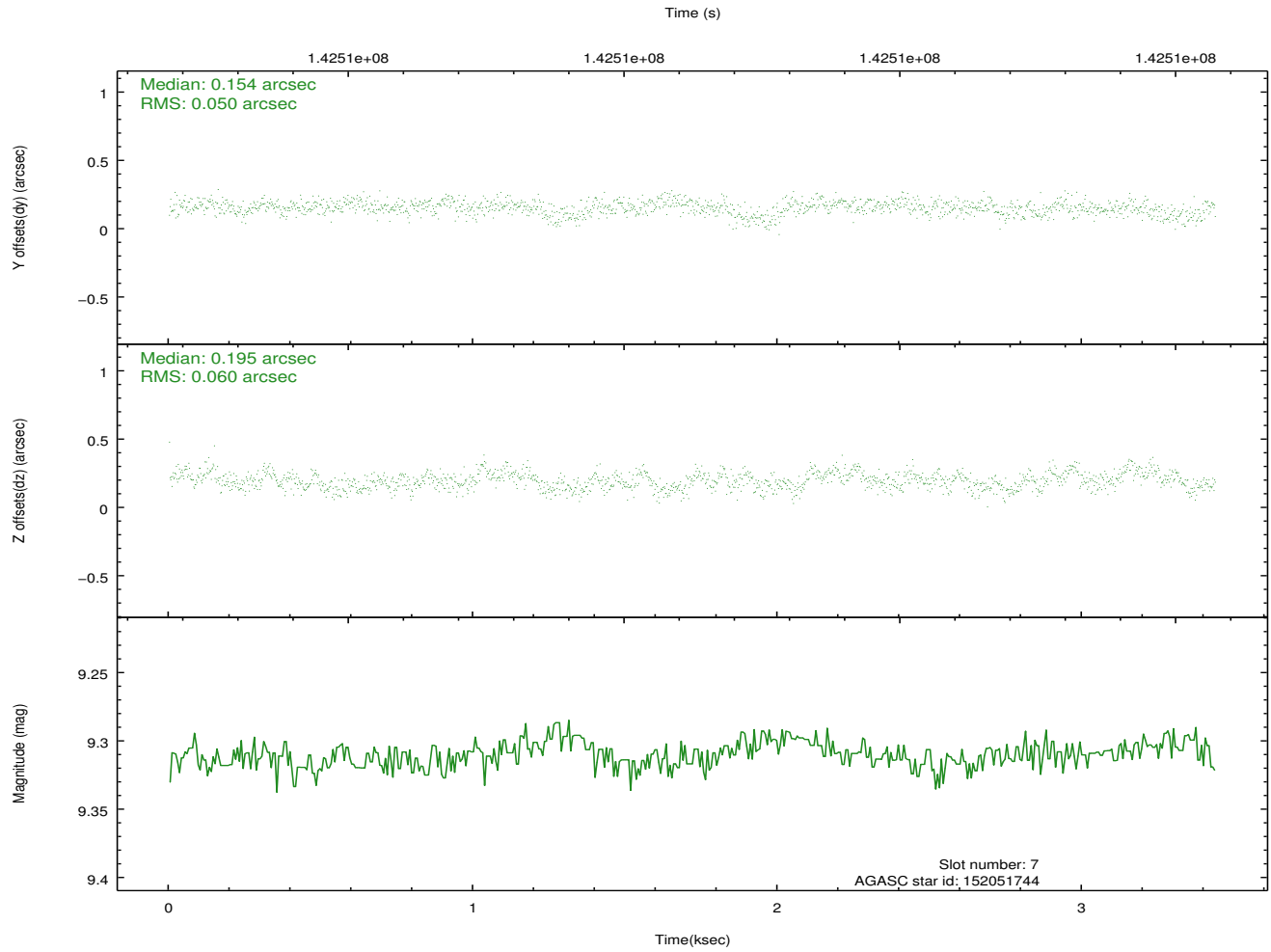
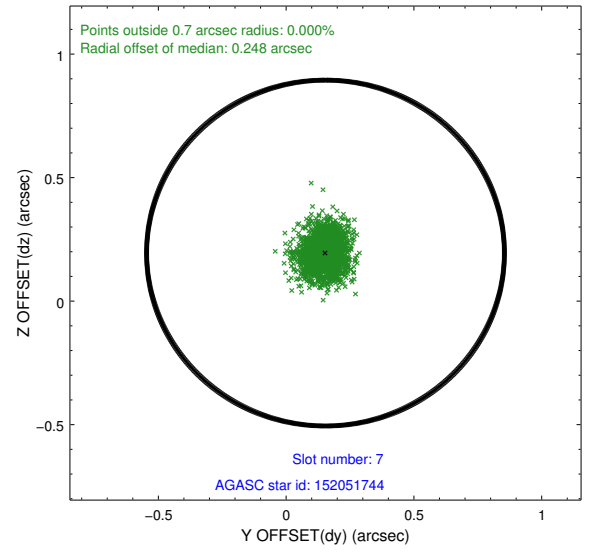
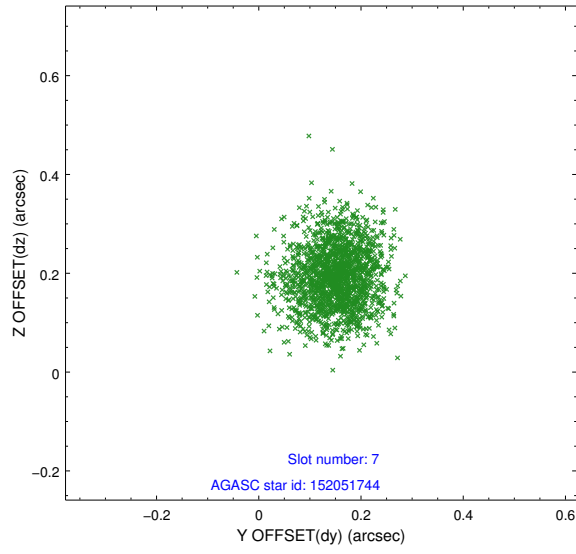
2.4.3 Slot 5



2.4.4 Slot 6

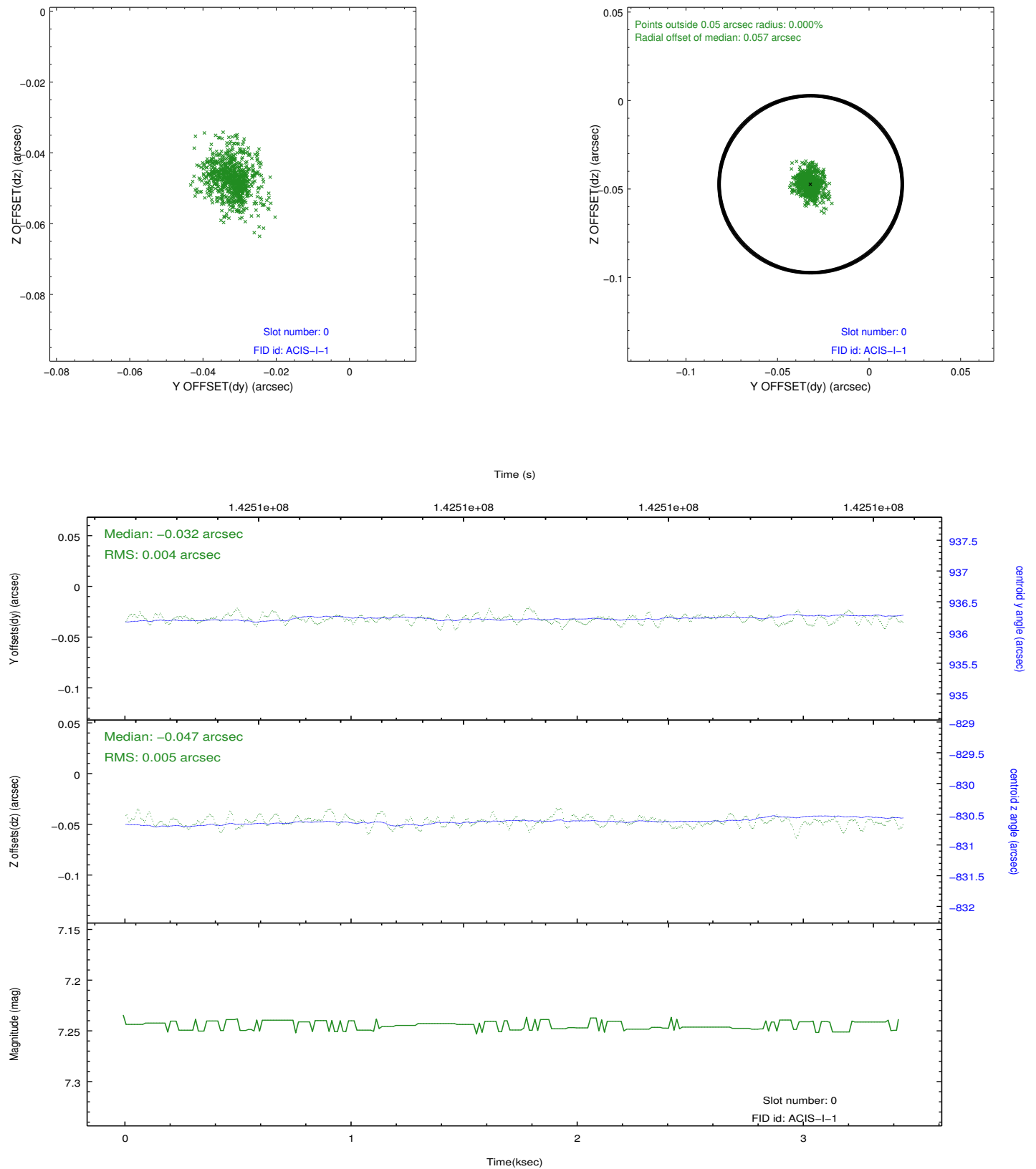


2.4.5 Slot 7

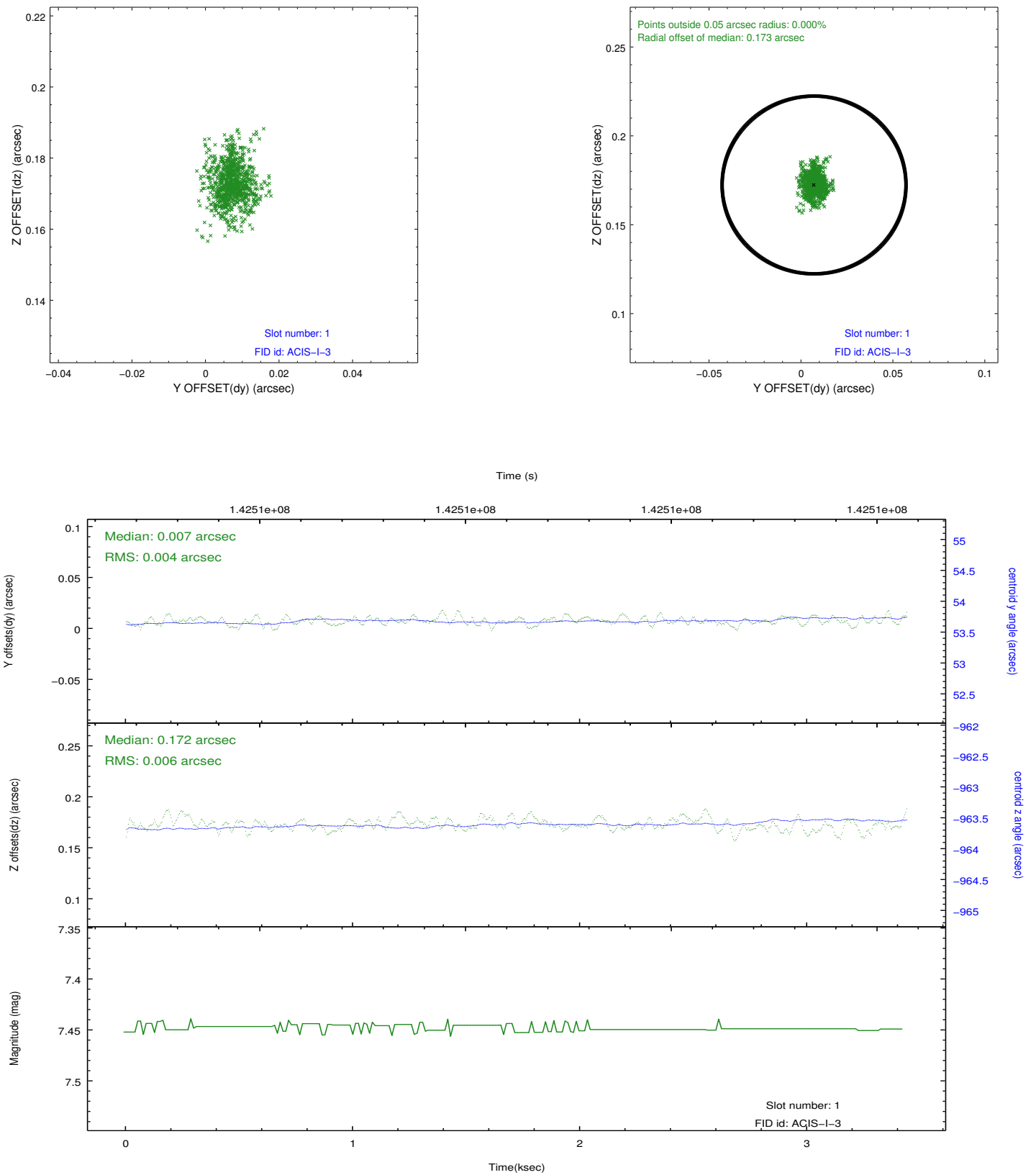


2.5 FID Slots

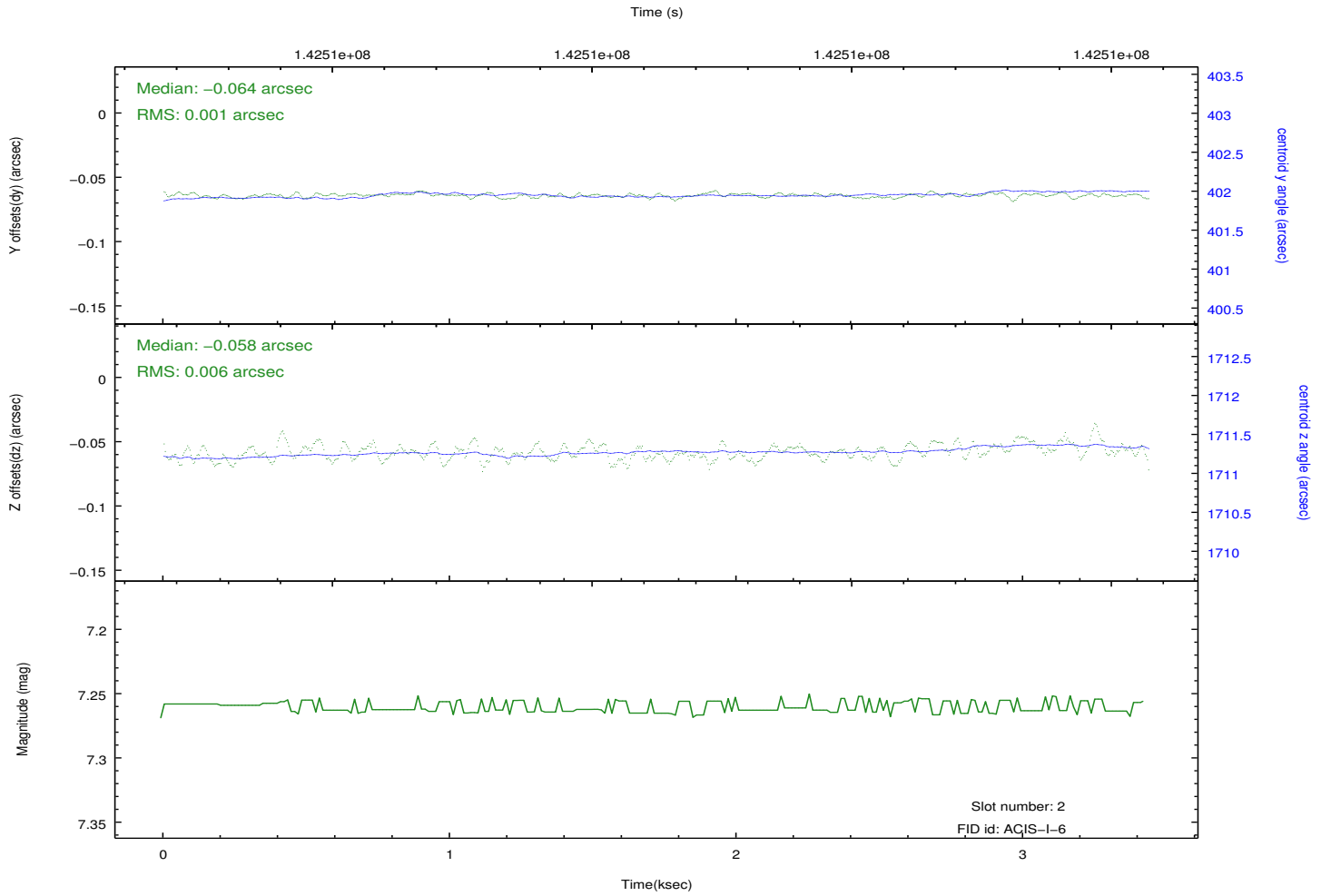
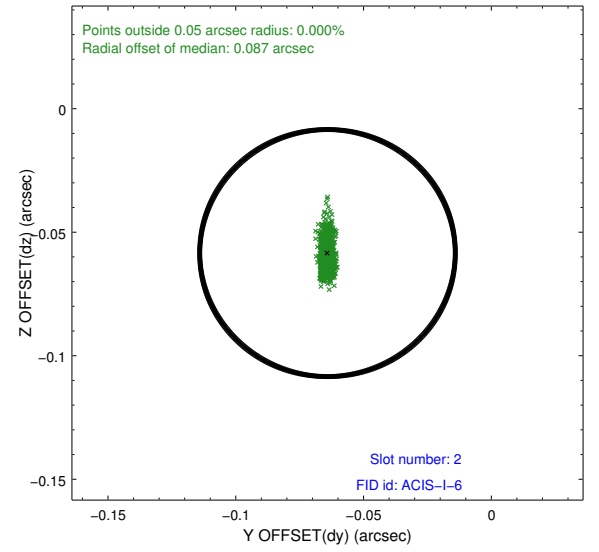
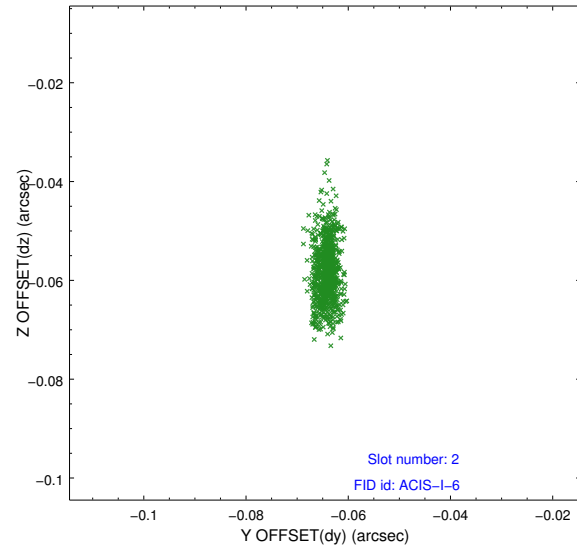
2.5.1 Slot 0



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)	2012.10.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.463

A.2 Comments