

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 5861 - L2 Version 2
Chandra X-Ray Center

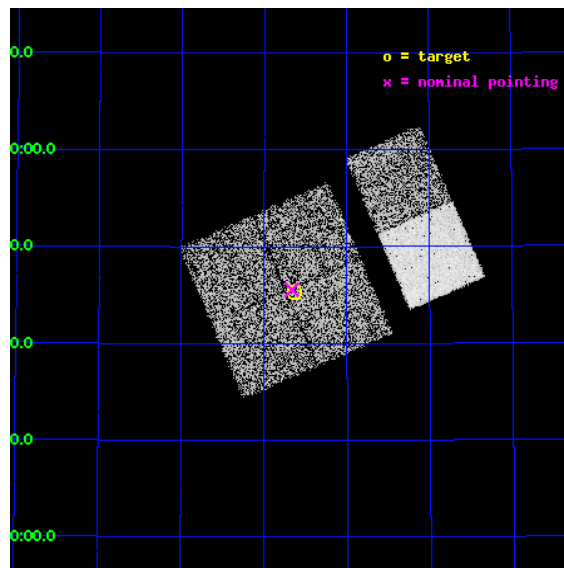
L2 Processing Date : Mar 24 2012

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1 Front

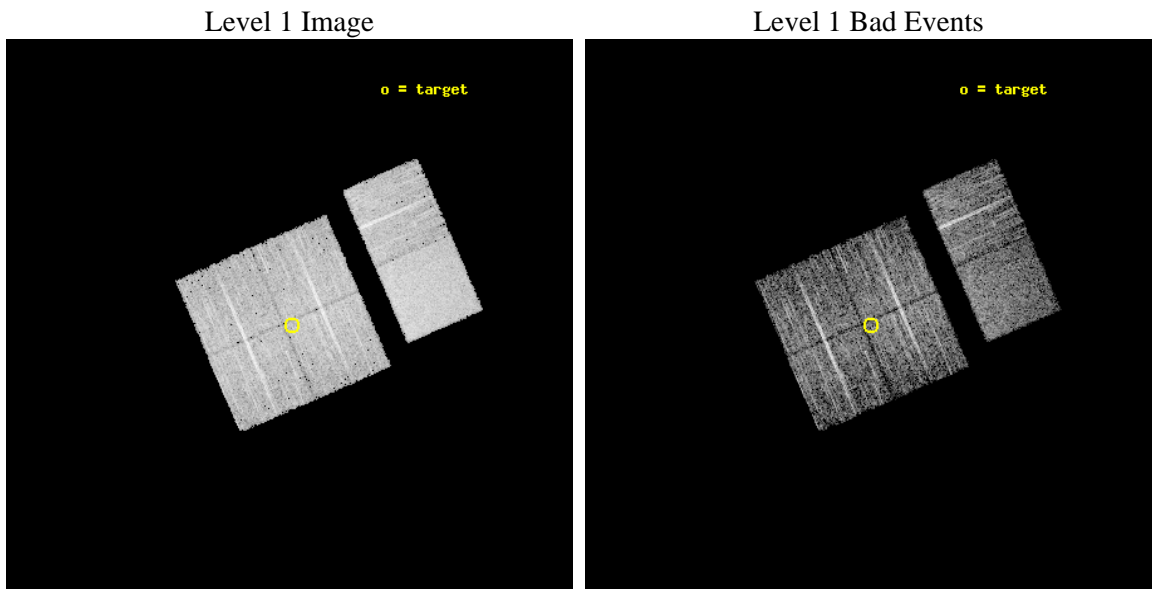
seq_num	900361	Sequence number
obs_id	5861	Observation id
title	The Spectral Energy Distributions of AGN: A Shallow Survey of the ELAIS-N1 Field	Proposal title
observer	Prof Kirpal Nandra	Principal investigator
object	N1_07	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	241.910417	Observer's specified target RA [deg]
dec_targ	54.756194	Observer's specified target Dec [deg]
ra_nom	241.91622154824	Nominal RA [deg]
dec_nom	54.759404932462	Nominal Dec [deg]
roll_nom	66.553552981655	Nominal Roll [deg]
revision	2	Processing version of data
ontime	4457.5999833941	Sum of GTIs [s]
livetime	4401.1551683599	Livetime [s]
ontime0	4457.5999833941	Sum of GTIs [s]
ontime1	4457.5999833941	Sum of GTIs [s]
ontime2	4454.3590030968	Sum of GTIs [s]
ontime3	4457.5999833941	Sum of GTIs [s]
ontime6	4457.5999833941	Sum of GTIs [s]
ontime7	4457.5999833941	Sum of GTIs [s]
l2events	40399	Number of level 2 events



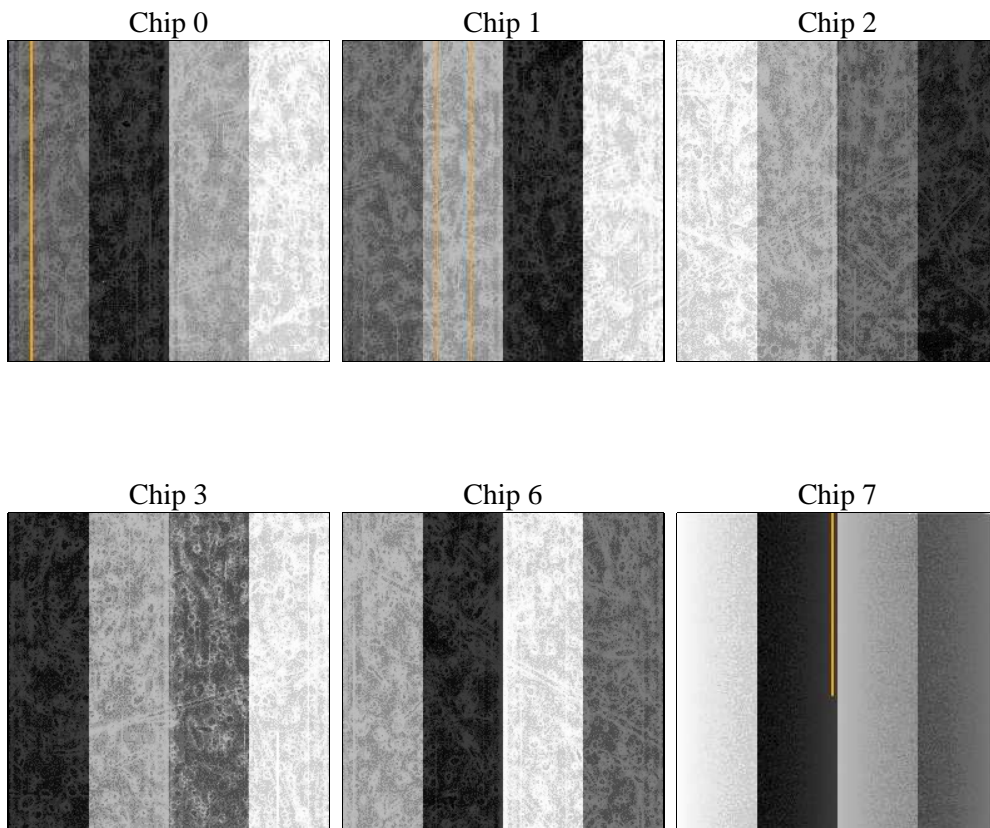
2 OBI

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	Processing system revision	ontime	4457.5999833941	Sum of GTIs [s]
caldbver	4.4.8	 	ontime0	4457.5999833941	Sum of GTIs [s]
date	2012-03-24T23:30:01	Date and time of file creation	ontime1	4457.5999833941	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	4454.3590030968	Sum of GTIs [s]
			ontime3	4457.5999833941	Sum of GTIs [s]
			ontime6	4457.5999833941	Sum of GTIs [s]
			ontime7	4457.5999833941	Sum of GTIs [s]
			l1events	232788	Number of level 1 events

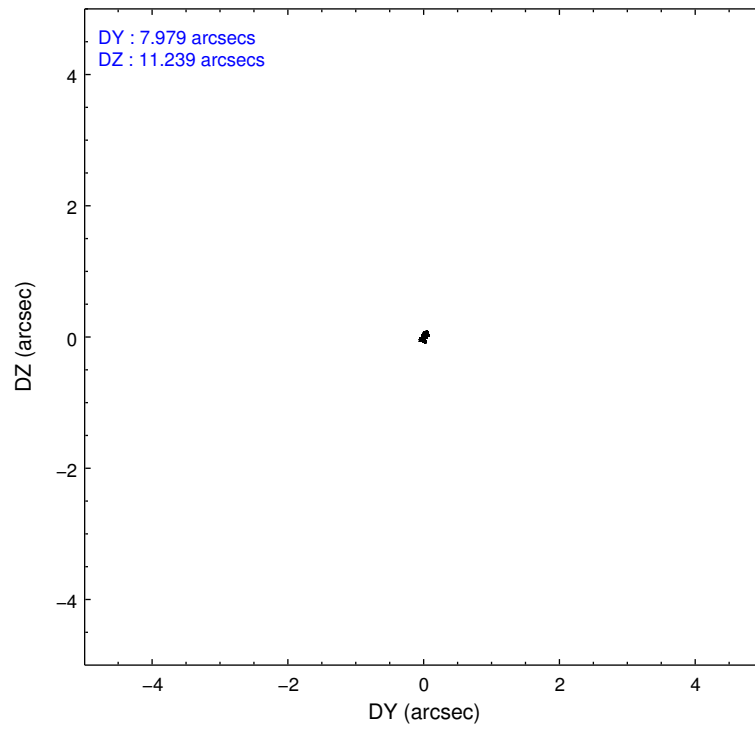
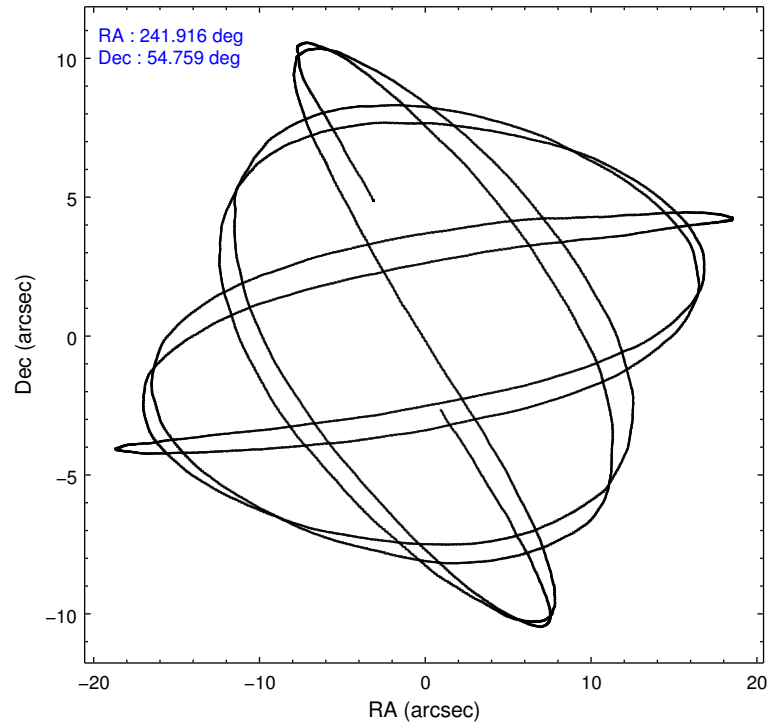
2.1.4 Events

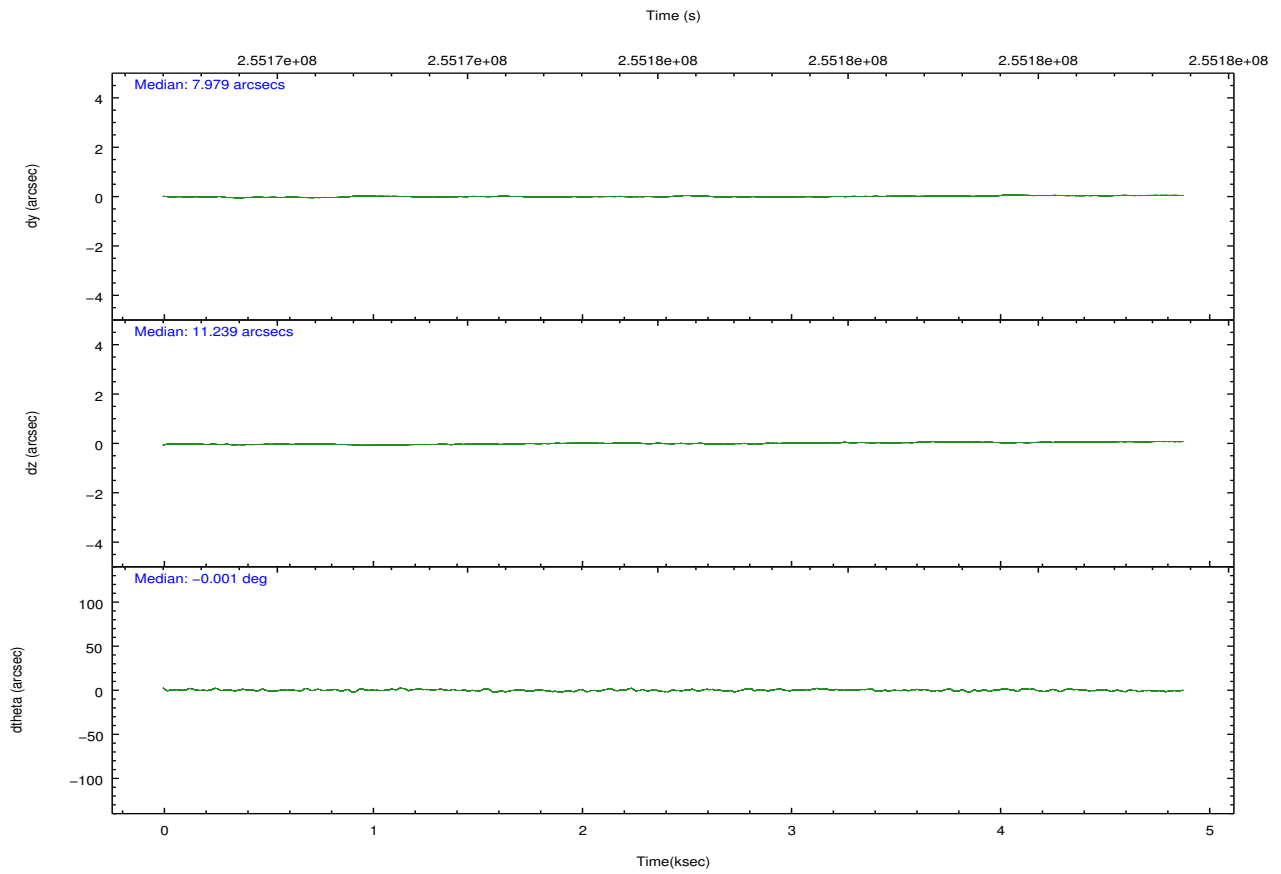
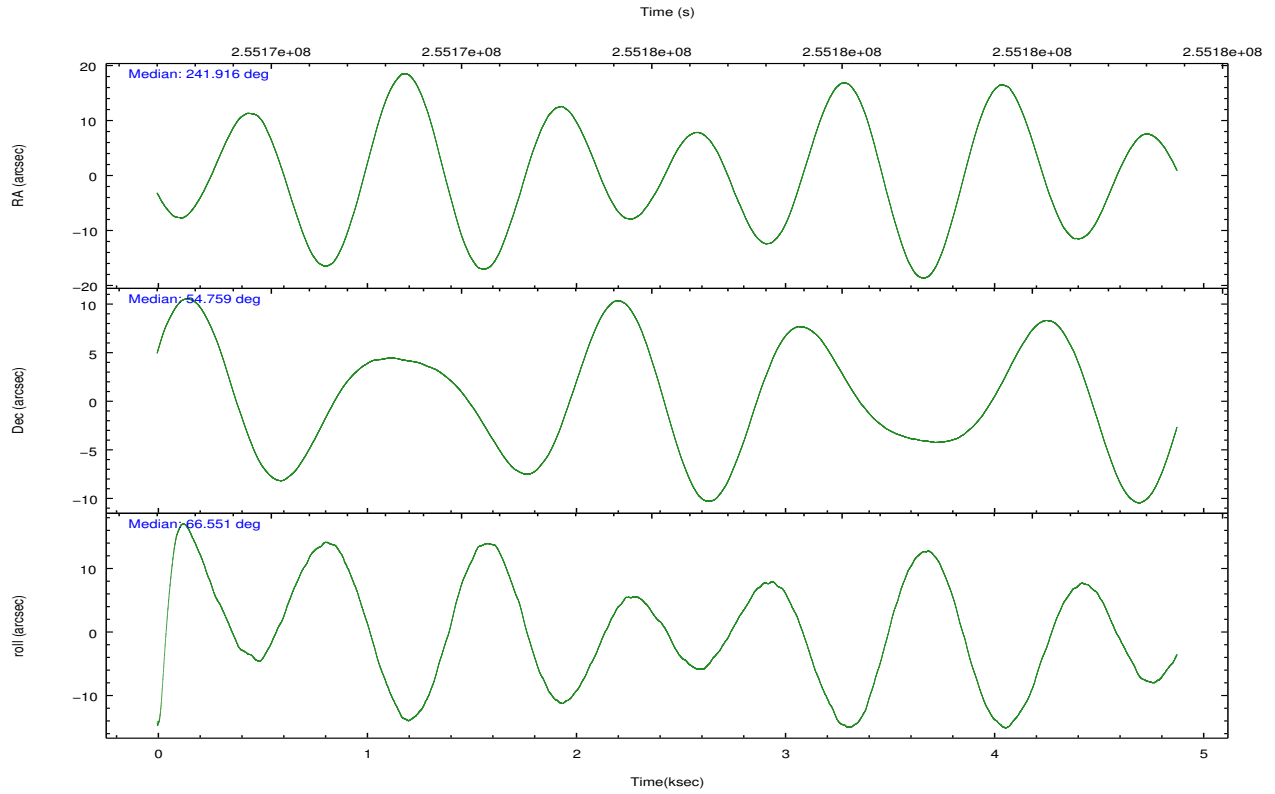
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	34187	35604	37358	36561	37671	51407	grade 0 events	1895	1909	2000	1944	1763	1987
rejected events	29761	30821	32897	32189	33156	30014		5%	5%	5%	5%	4%	3%
rejected %	87%	86%	88%	88%	88%	58%	grade 1 events	21	13	26	29	17	48
								0%	0%	0%	0%	0%	0%
							grade 2 events	951	1087	932	864	943	4264
								2%	3%	2%	2%	2%	8%
							grade 3 events	426	453	408	398	411	1825
								1%	1%	1%	1%	1%	3%
							grade 4 events	414	452	426	398	431	1853
								1%	1%	1%	1%	1%	3%
							grade 5 events	1448	1624	1388	1636	1724	4810
								4%	4%	3%	4%	4%	9%
							grade 6 events	744	885	701	772	970	11481
								2%	2%	1%	2%	2%	22%
							grade 7 events	28288	29181	31477	30520	31412	25139
								82%	81%	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	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	241.921844	241.9162215482438	Subarray requested	NONE	NONE
[deg] Pointing Dec	54.732201	54.75940493246232	Alternating exposures requested	N	N
[deg] Pointing Roll	66.340276	66.55355298165509	[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)	255172813.184000	255172437.86664			
Observation start date	2006-02-01T09:19:08	2006-02-01T09:13:57			
[s] Observation end time (MET)	255177513.184000	255177647.42938			
Observation end date	2006-02-01T10:37:28	2006-02-01T10:40:47			
Read mode	TIMED	TIMED			

2.3 Aspect





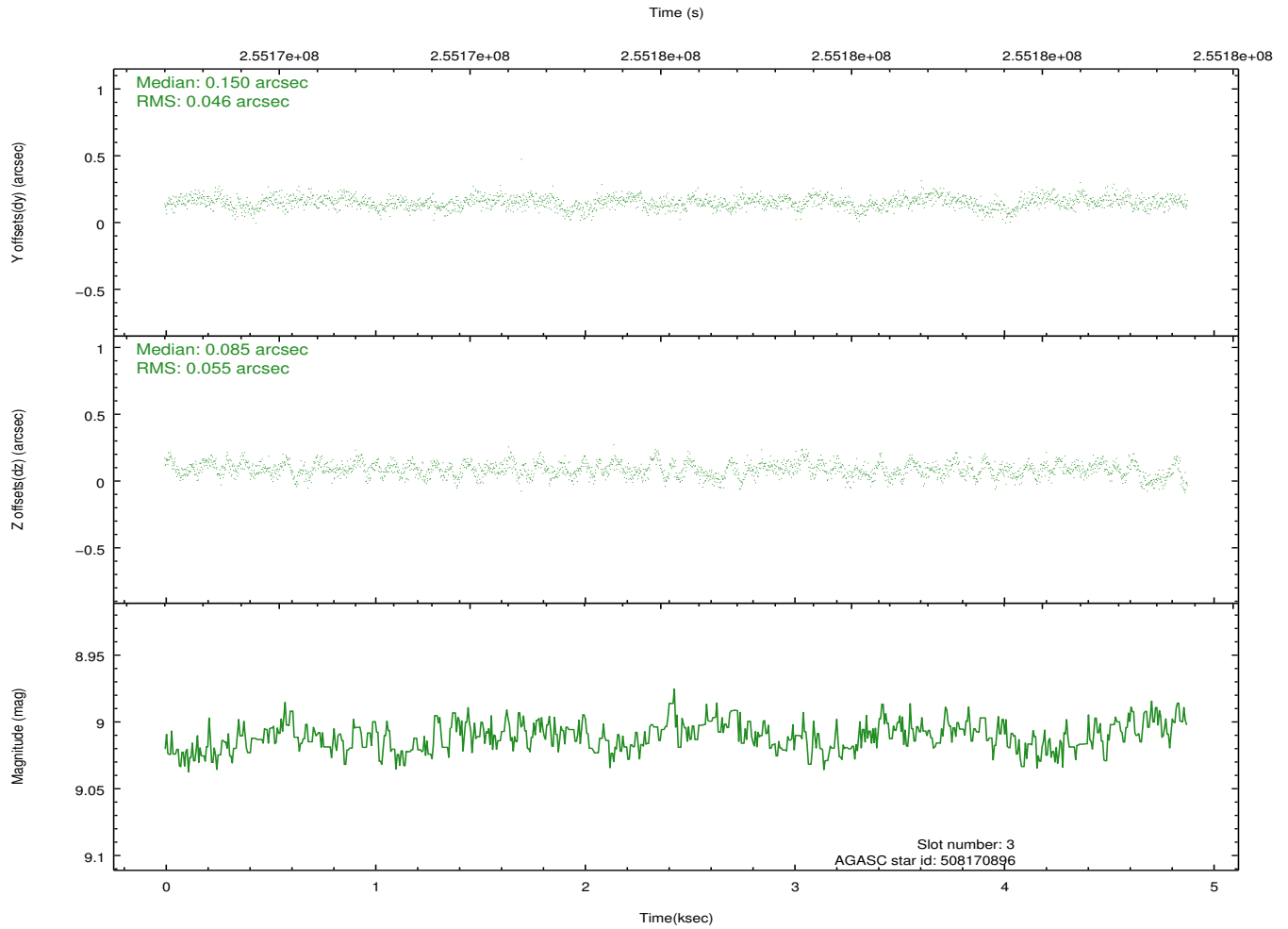
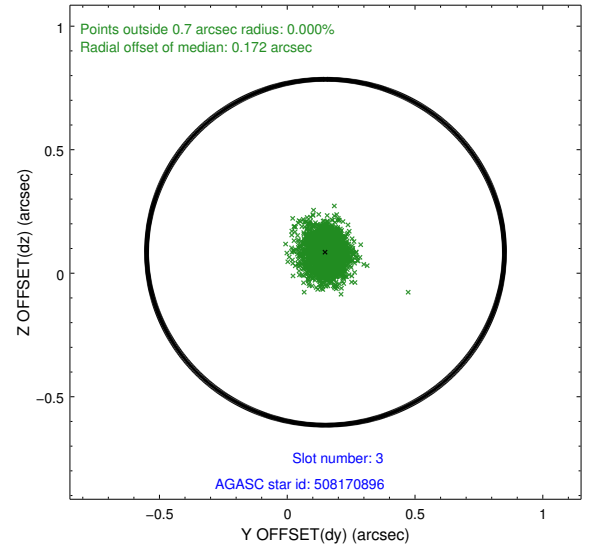
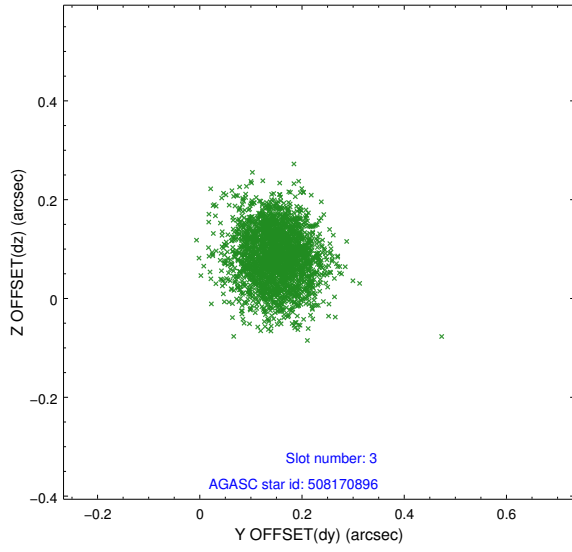
Slot Statistics

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	1190	-0.049	0.013	0.009	0.015	0.000000	0.000000	931.61	-834.74
1	FID	ACIS-I-2	7.14	1191	-0.160	-0.069	0.006	0.010	0.000000	0.000000	-761.89	-841.87
2	FID	ACIS-I-4	7.17	1188	0.110	0.124	0.006	0.010	0.000000	0.000000	2151.11	1064.52
3	GUIDE	508170896	9.01	2377	0.150	0.085	0.076	0.124	242.052968	54.527984	-562.86	-545.82
4	GUIDE	508172800	7.91	2381	-0.174	0.093	0.059	0.093	242.573753	54.657892	305.37	-1348.42
5	GUIDE	508173376	8.31	2380	0.063	-0.093	0.074	0.122	241.134254	54.422412	-1674.88	1066.41
6	GUIDE	508573872	8.69	2379	-0.052	0.032	0.062	0.102	241.738816	55.437101	2174.17	1361.63
7	GUIDE	508569792	9.62	2375	0.015	-0.109	0.107	0.176	241.118764	55.014289	274.65	1930.10

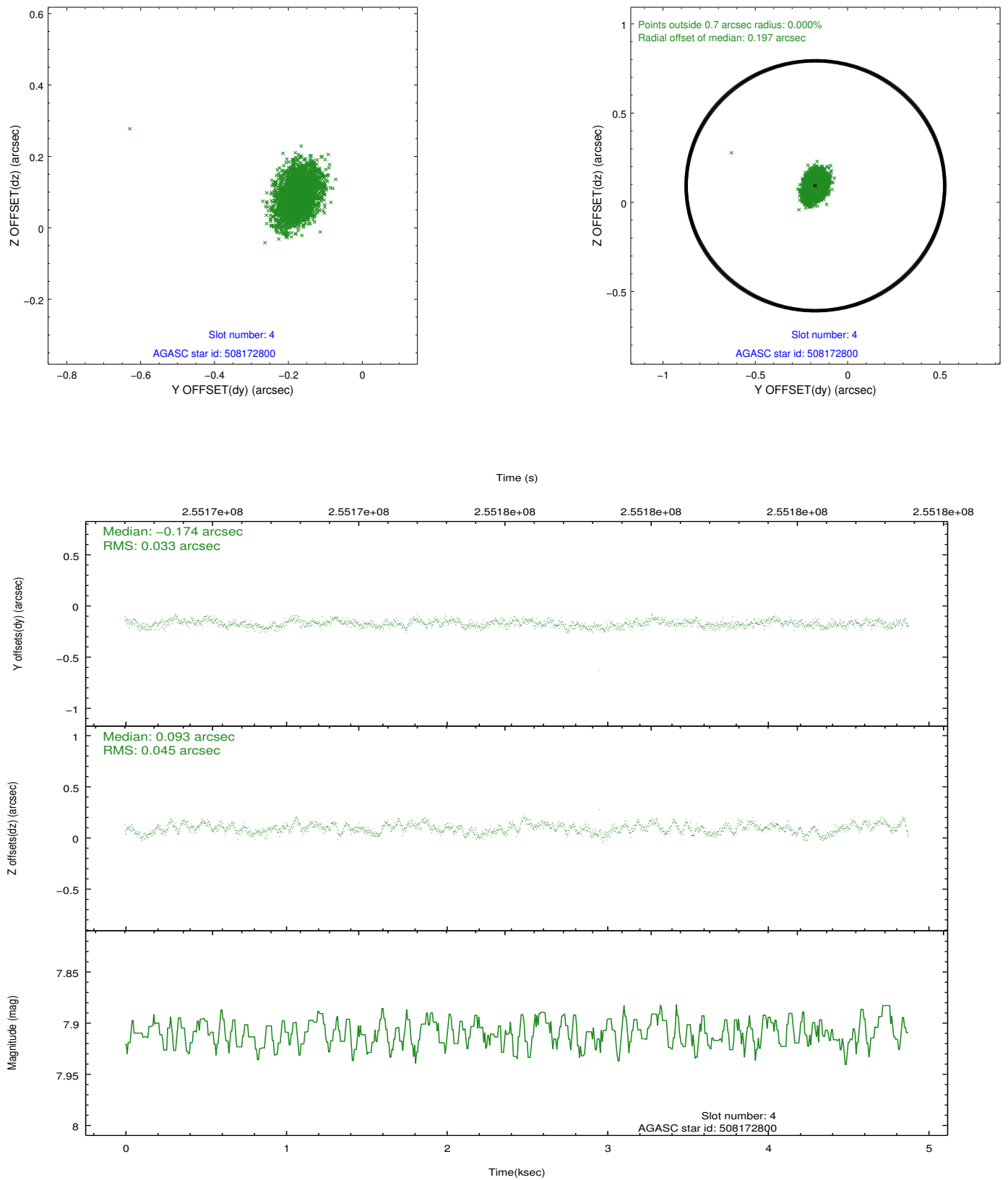
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2.4 Star Slots

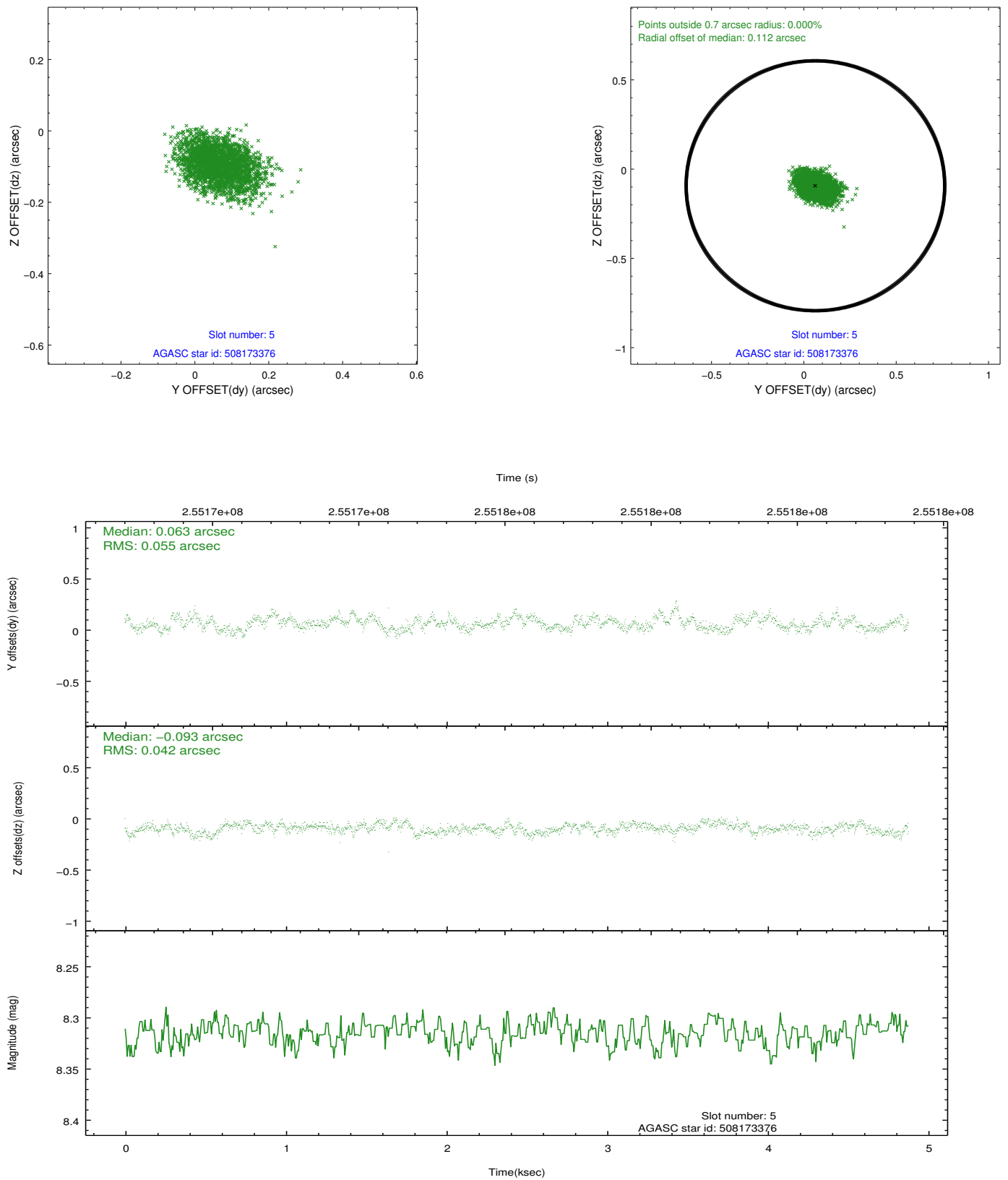
2.4.1 Slot 3



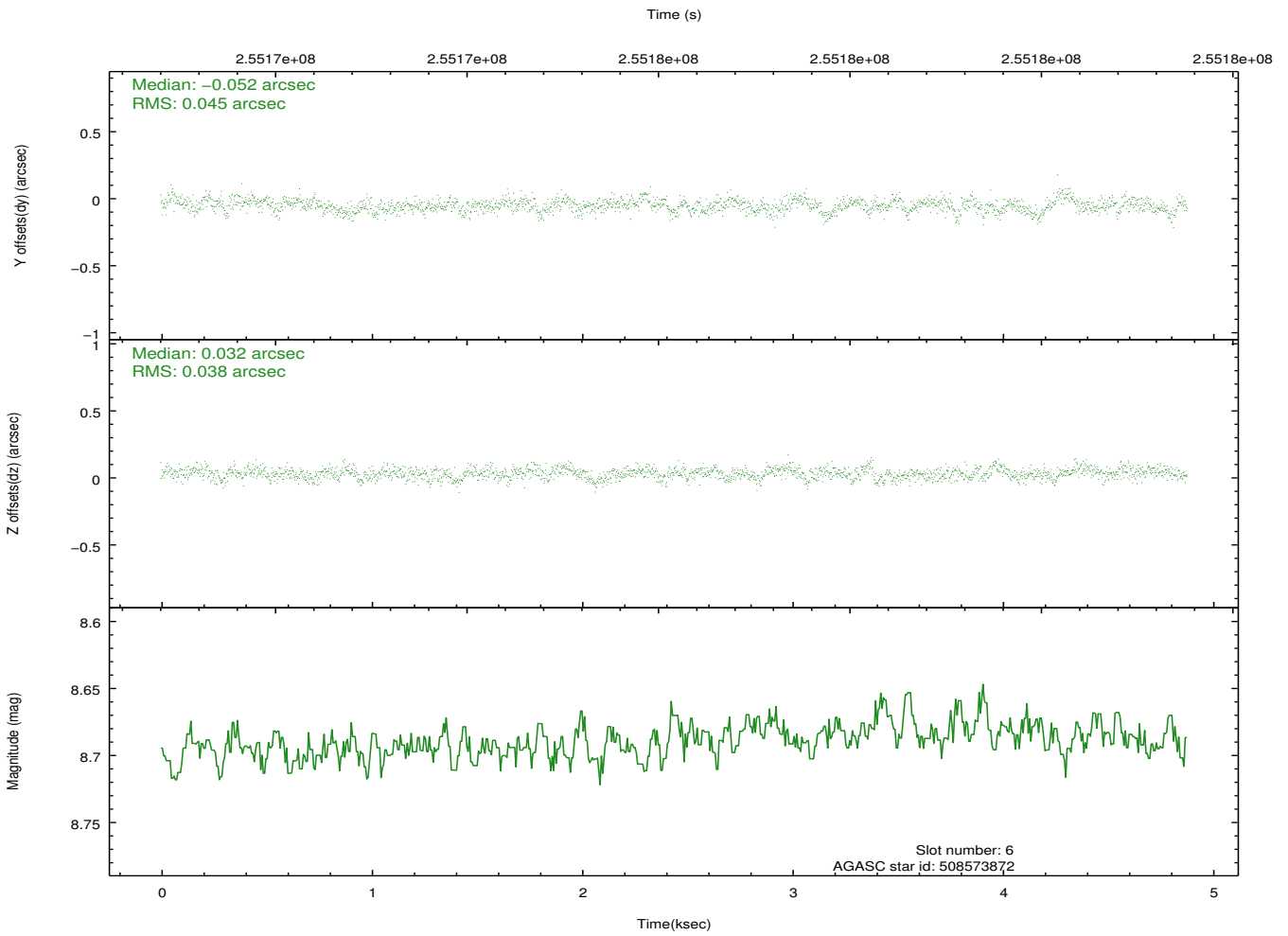
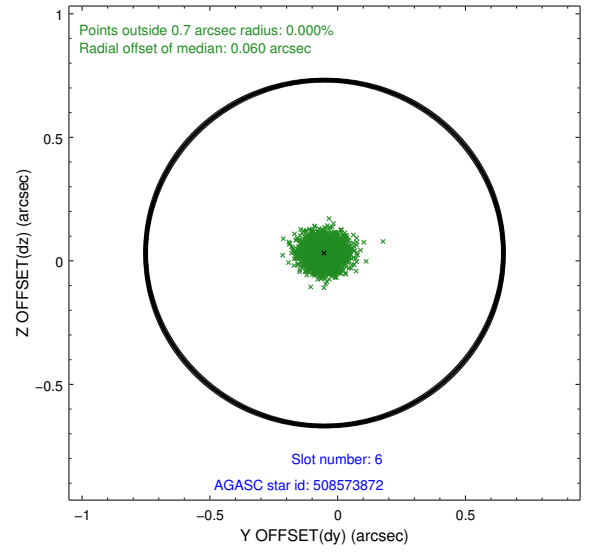
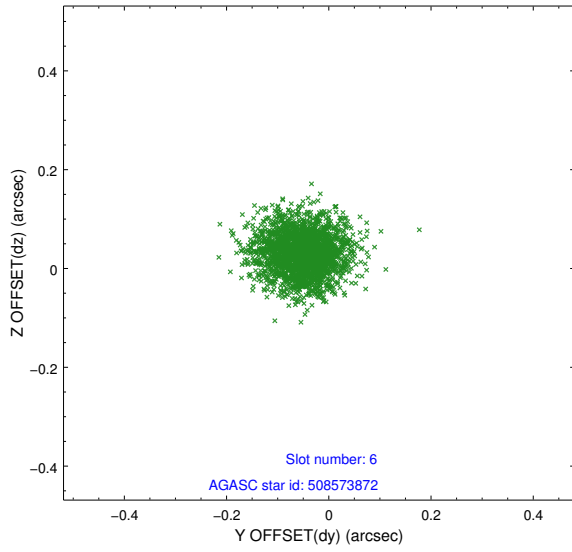
2.4.2 Slot 4



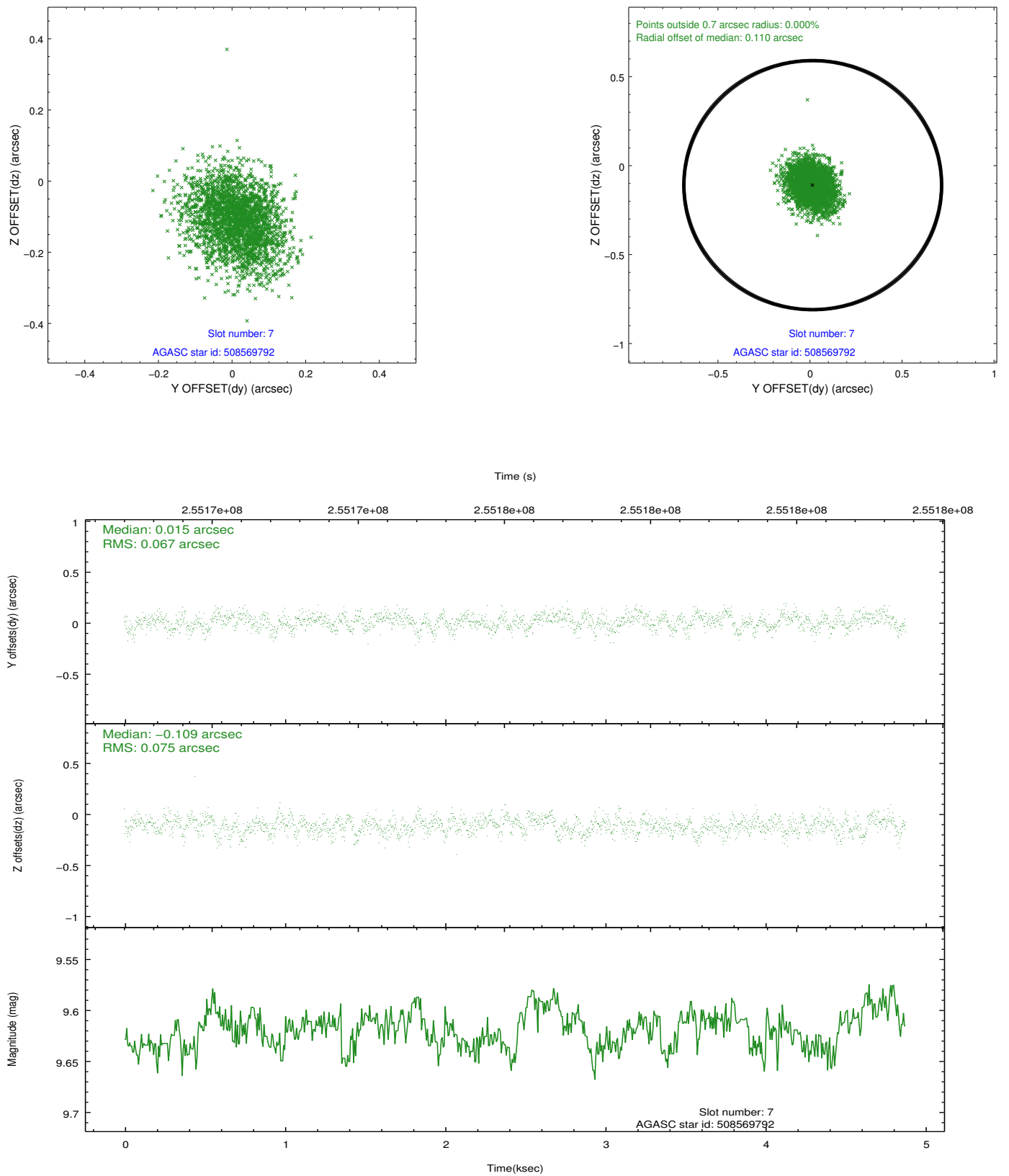
2.4.3 Slot 5



2.4.4 Slot 6

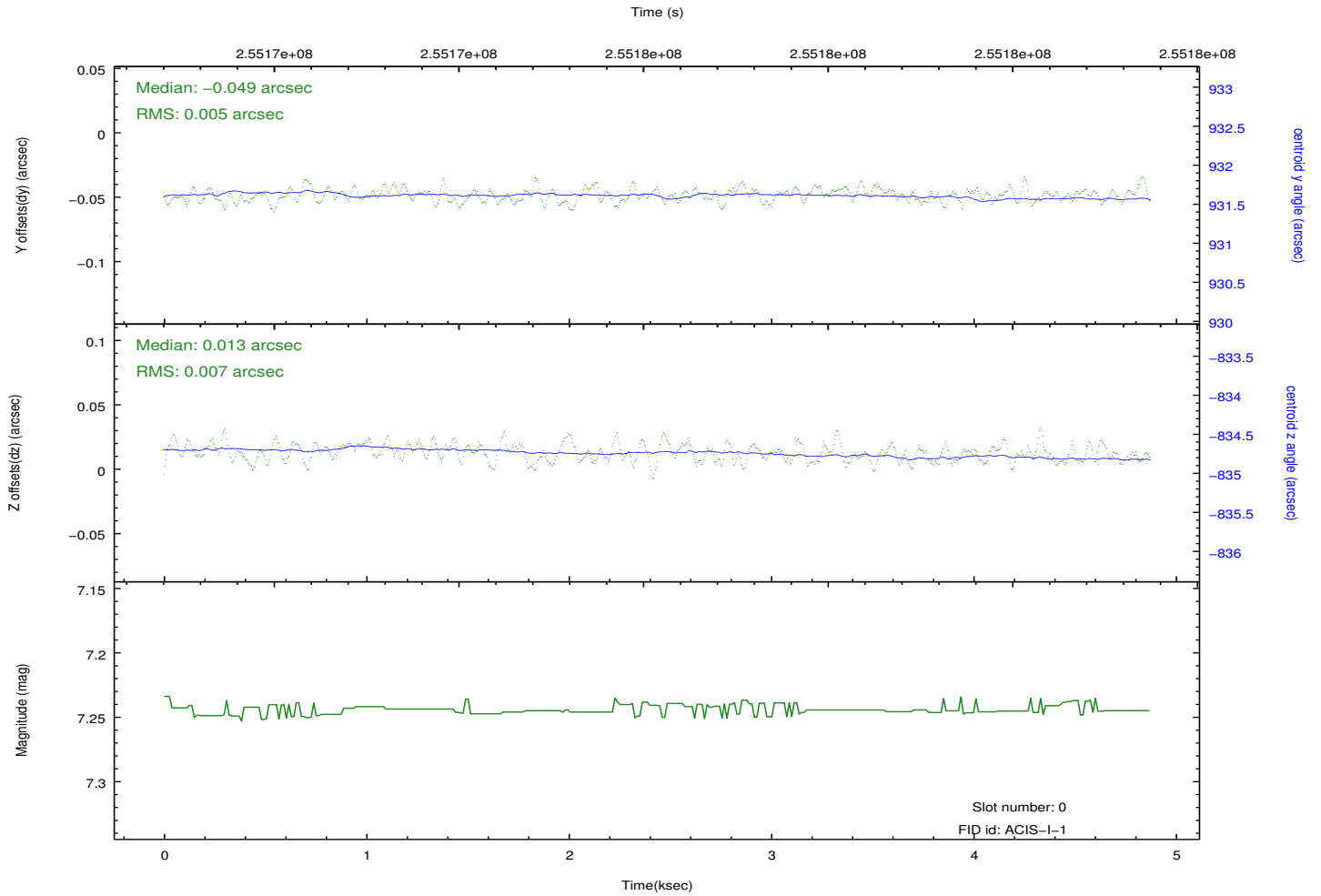
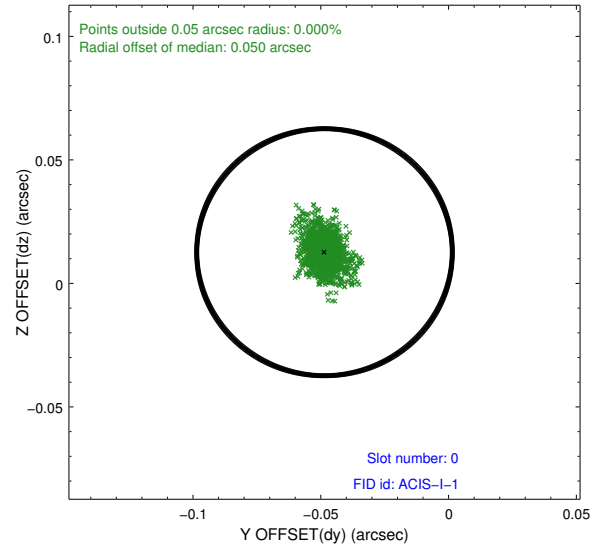
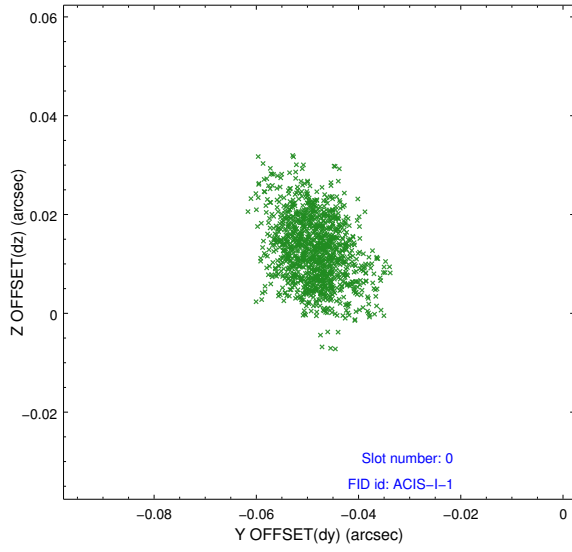


2.4.5 Slot 7

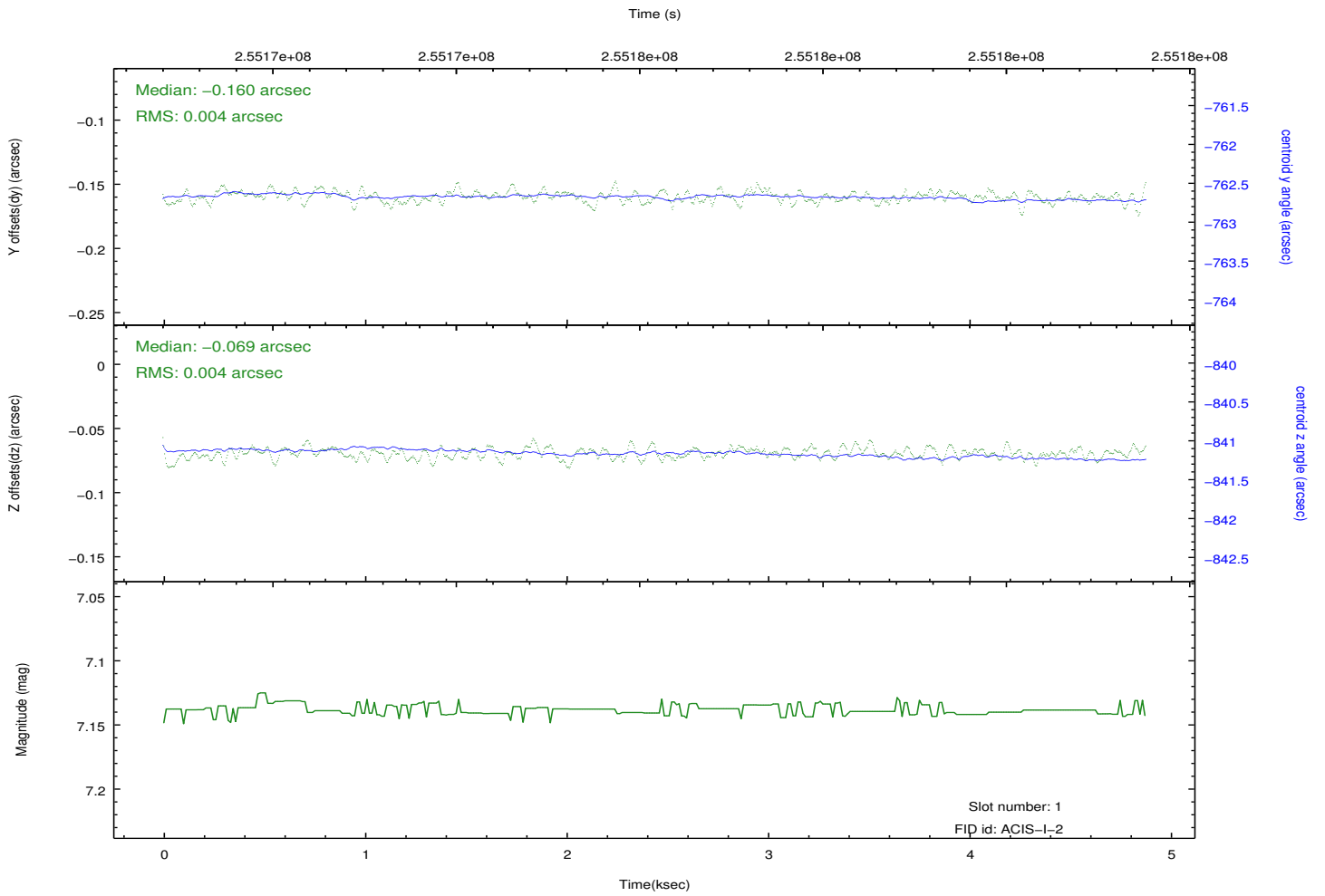
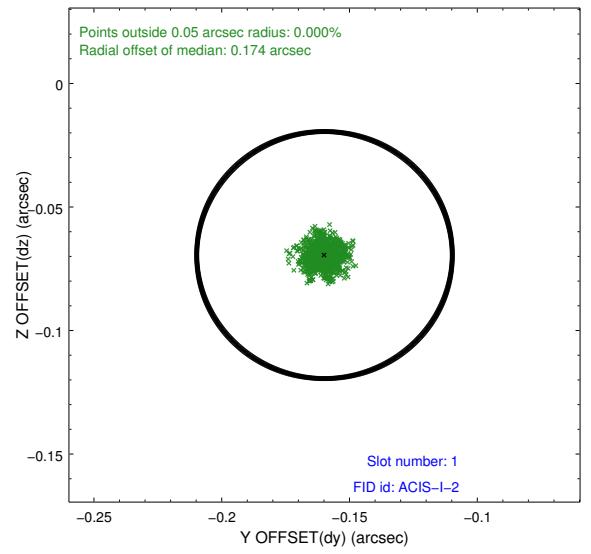
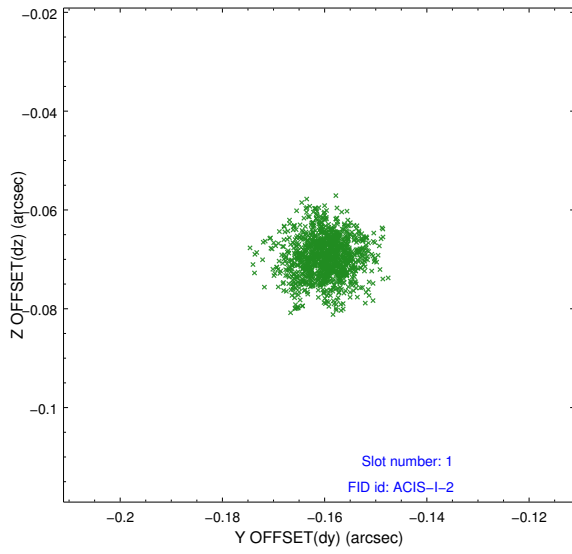


2.5 FID Slots

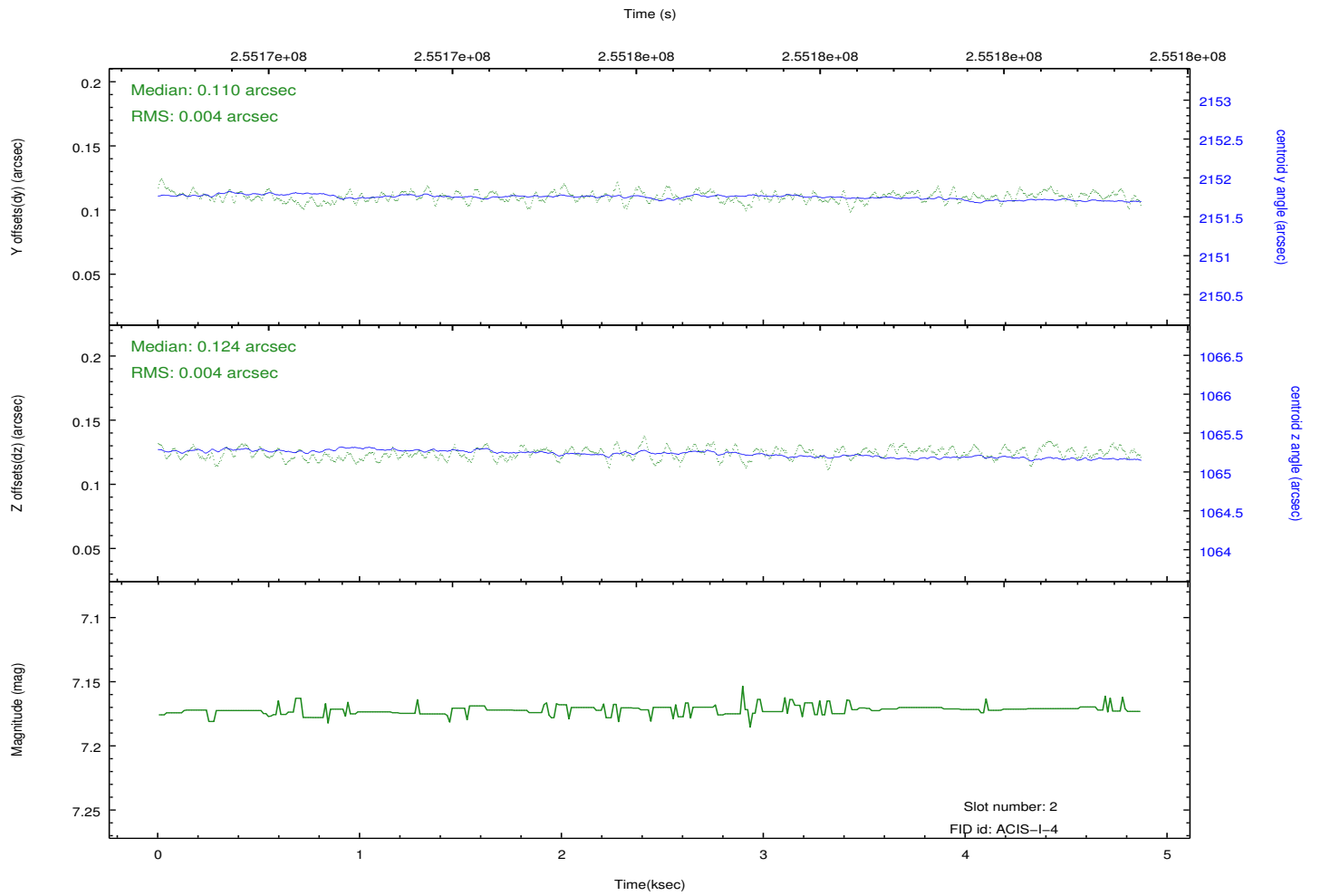
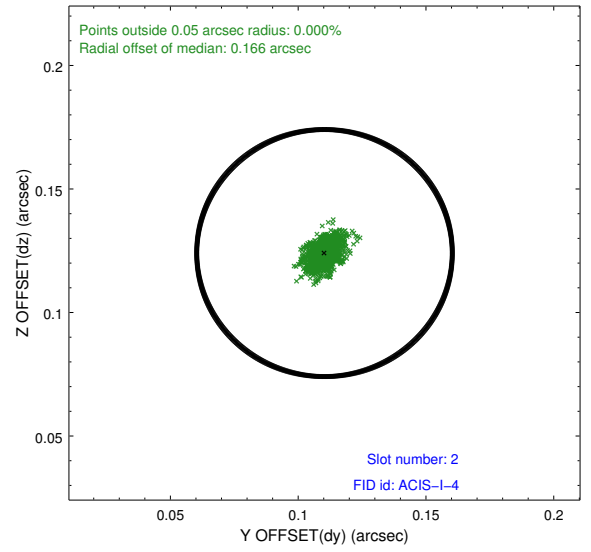
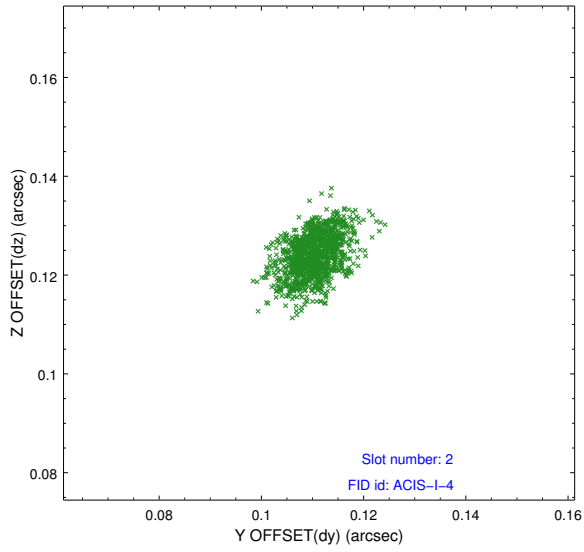
2.5.1 Slot 0



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)	2012.03.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.45759998

A.2 Comments