

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 5862 - L2 Version 2
Chandra X-Ray Center

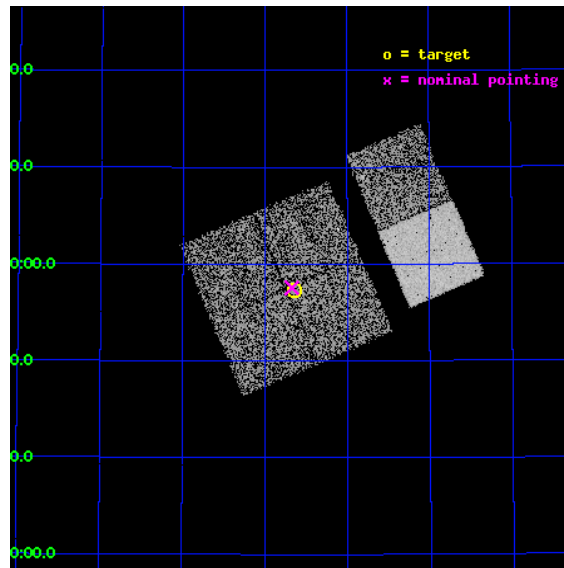
L2 Processing Date : Mar 24 2012

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1 Front

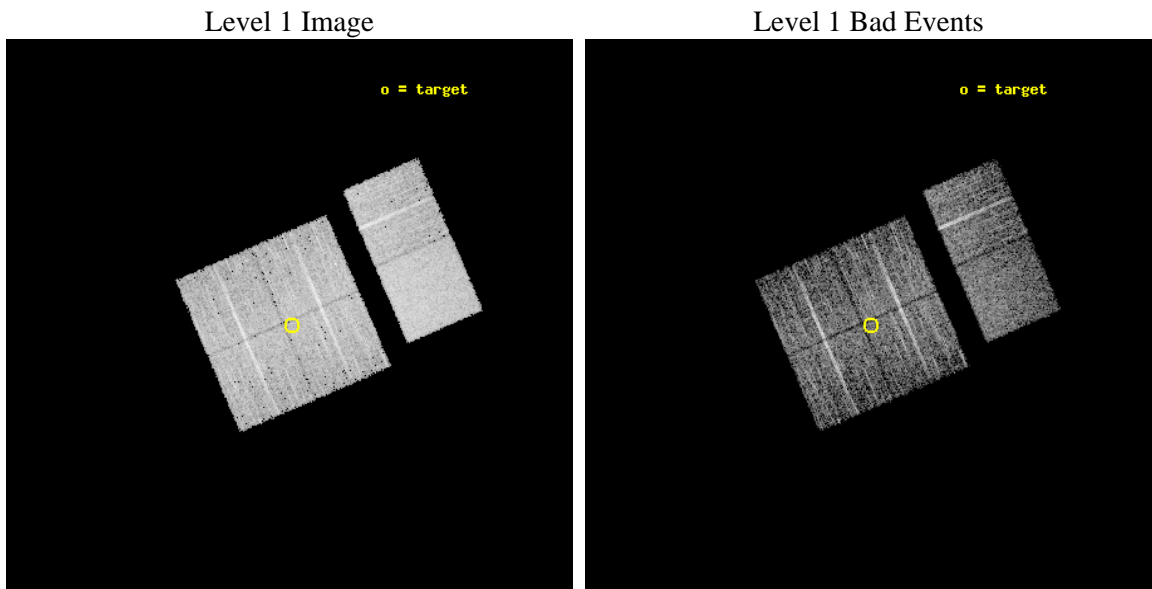
seq_num	900362	Sequence number
obs_id	5862	Observation id
title	The Spectral Energy Distributions of AGN: A Shallow Survey of the ELAIS-N1 Field	Proposal title
observer	Prof Kirpal Nandra	Principal investigator
object	N1_08	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	241.9125	Observer's specified target RA [deg]
dec_targ	54.956194	Observer's specified target Dec [deg]
ra_nom	241.91833865663	Nominal RA [deg]
dec_nom	54.959349608896	Nominal Dec [deg]
roll_nom	66.624806933644	Nominal Roll [deg]
revision	2	Processing version of data
ontime	4428.7999835014	Sum of GTIs [s]
livetime	4372.7198514071	Livetime [s]
ontime0	4428.7999835014	Sum of GTIs [s]
ontime1	4428.7999835014	Sum of GTIs [s]
ontime2	4428.7999835014	Sum of GTIs [s]
ontime3	4428.7999835014	Sum of GTIs [s]
ontime6	4428.7999835014	Sum of GTIs [s]
ontime7	4428.7999835014	Sum of GTIs [s]
l2events	39759	Number of level 2 events



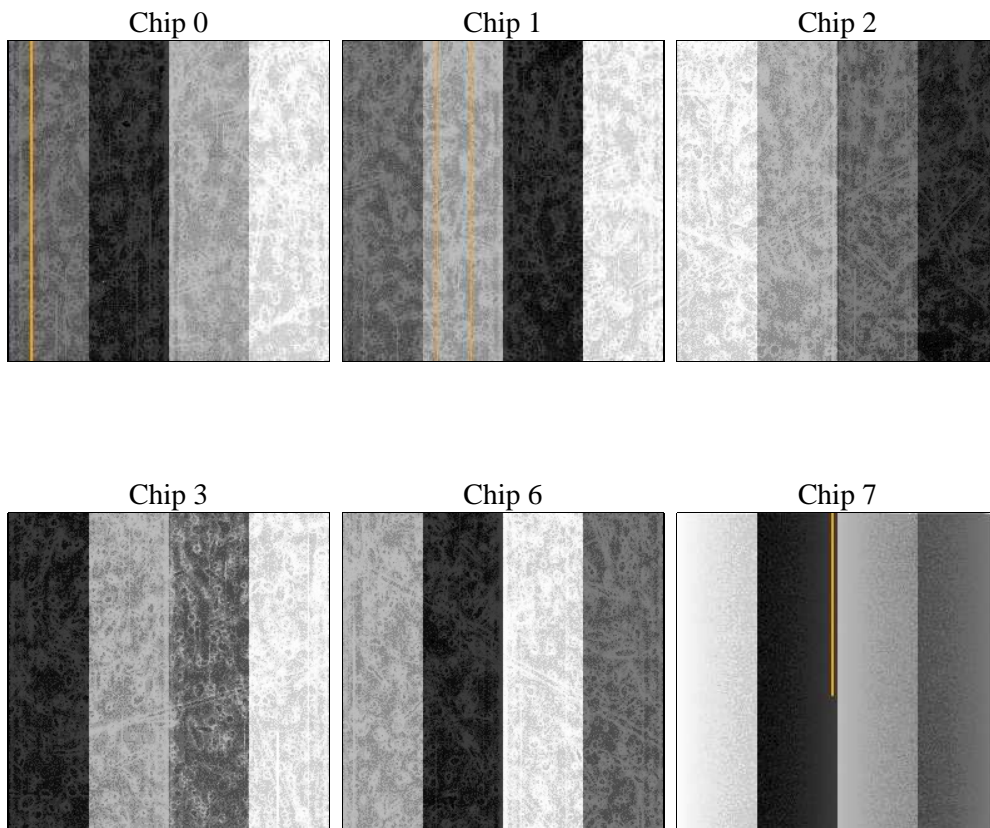
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	4671.771000	[s] Scheduled observation exposure time
ascdsver	8.4.3	Processing system revision	ontime	4428.7999835014	Sum of GTIs [s]
caldsver	4.4.8	 	ontime0	4428.7999835014	Sum of GTIs [s]
date	2012-03-24T23:26:49	Date and time of file creation	ontime1	4428.7999835014	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	4428.7999835014	Sum of GTIs [s]
			ontime3	4428.7999835014	Sum of GTIs [s]
			ontime6	4428.7999835014	Sum of GTIs [s]
			ontime7	4428.7999835014	Sum of GTIs [s]
			l1events	228979	Number of level 1 events

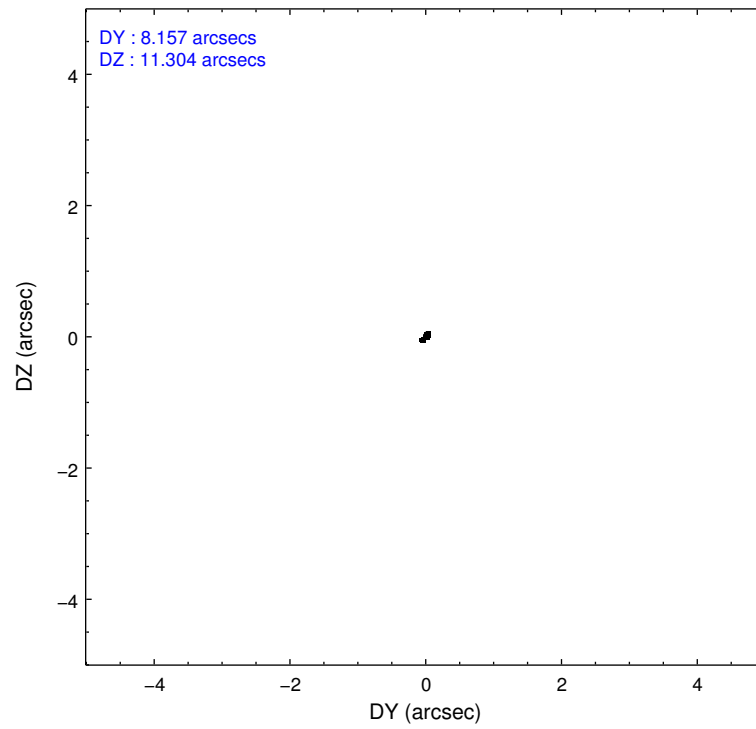
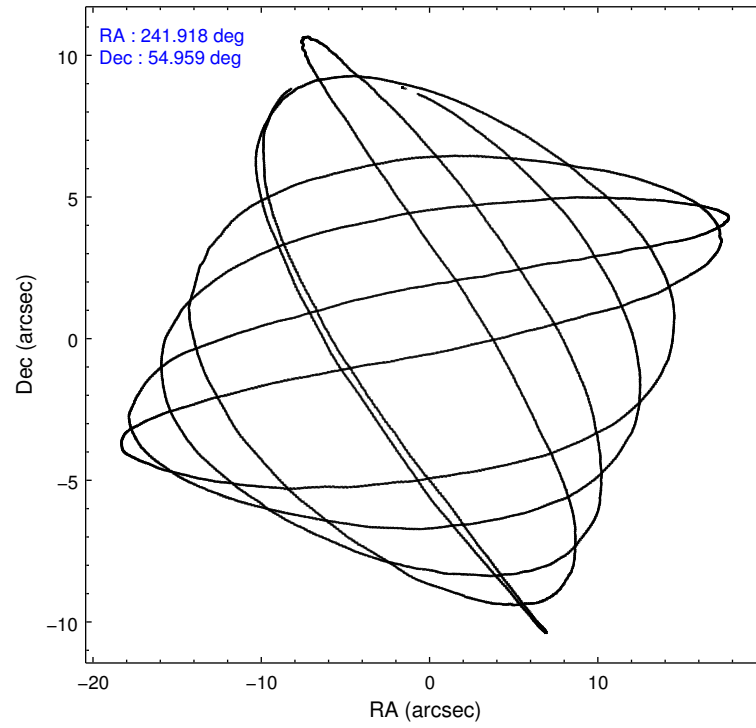
2.1.4 Events

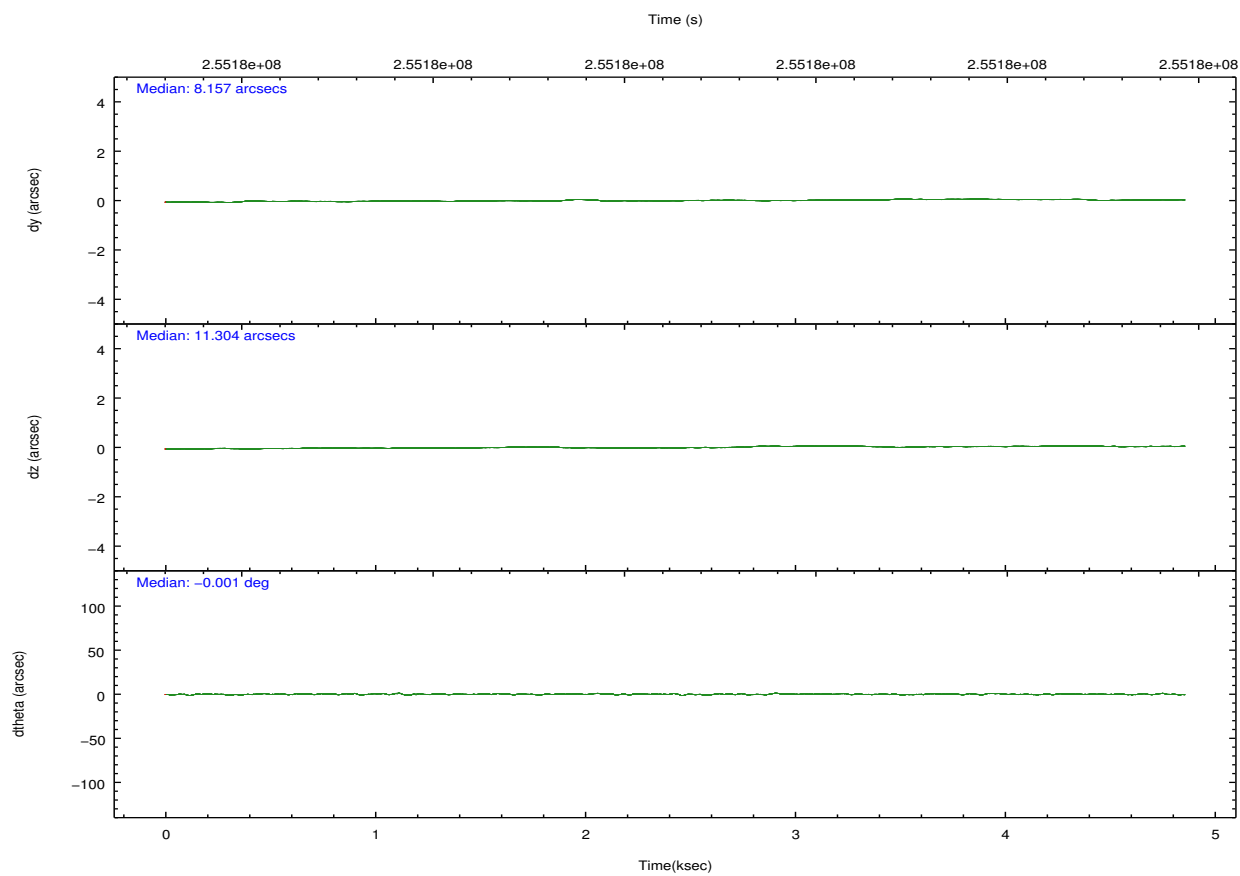
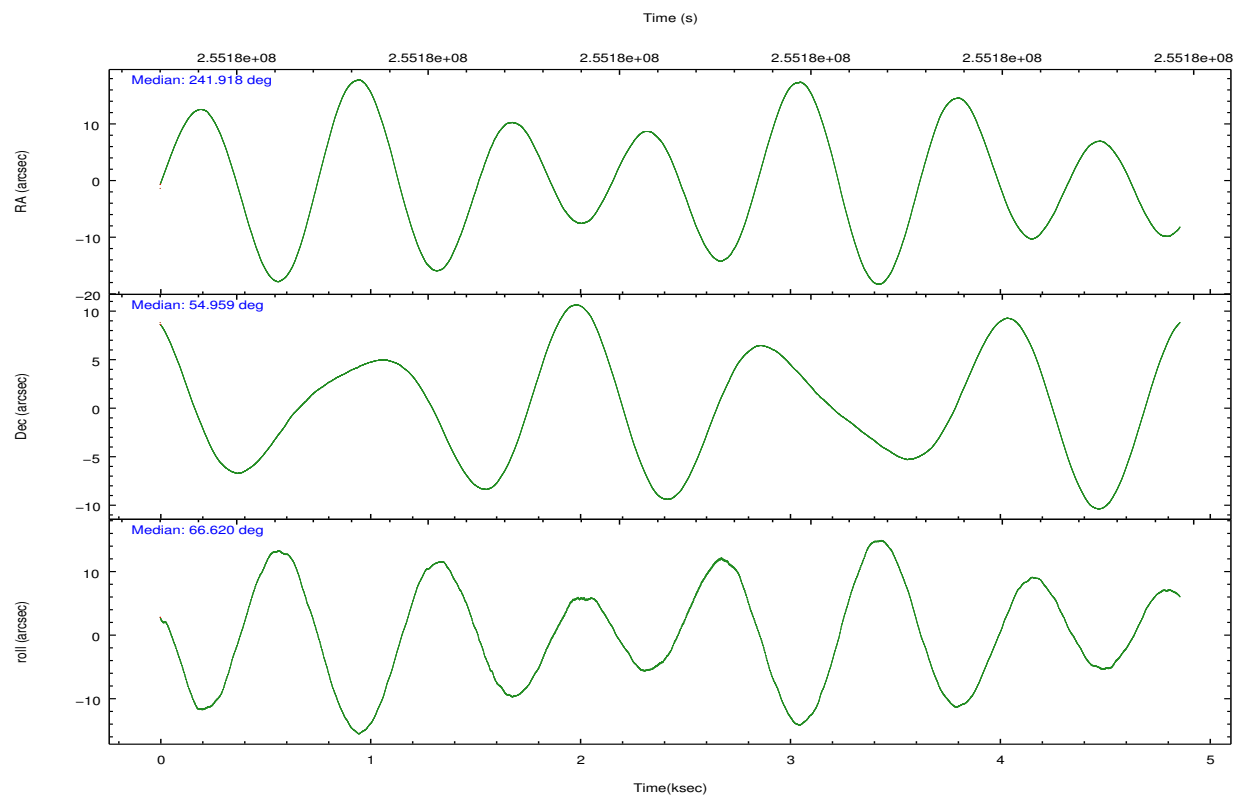
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	33418	33790	37619	35709	37398	51045	grade 0 events	1860	1859	2031	1877	1719	1940
rejected events	29121	29020	33198	31417	32862	30105		5%	5%	5%	5%	4%	3%
rejected %	87%	85%	88%	87%	87%	58%	grade 1 events	16	16	26	22	13	39
								0%	0%	0%	0%	0%	0%
							grade 2 events	903	1036	887	831	1050	4144
								2%	3%	2%	2%	2%	8%
							grade 3 events	430	499	415	454	414	1796
								1%	1%	1%	1%	1%	3%
							grade 4 events	393	423	413	418	401	1795
								1%	1%	1%	1%	1%	3%
							grade 5 events	1457	1520	1422	1613	1827	4889
								4%	4%	3%	4%	4%	9%
							grade 6 events	711	955	677	715	959	11276
								2%	2%	1%	2%	2%	22%
							grade 7 events	27648	27482	31748	29779	31015	25166
								82%	81%	84%	83%	82%	49%

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	241.924036	241.9183386566298	Subarray requested	NONE	NONE
[deg] Pointing Dec	54.932203	54.95934960889583	Alternating exposures requested	N	N
[deg] Pointing Roll	66.411456	66.62480693364377	[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)	255178023.184000	255177647.42938			
Observation start date	2006-02-01T10:45:58	2006-02-01T10:40:47			
[s] Observation end time (MET)	255182695.184000	255182930.27963			
Observation end date	2006-02-01T12:03:50	2006-02-01T12:08:50			
Read mode	TIMED	TIMED			

2.3 Aspect



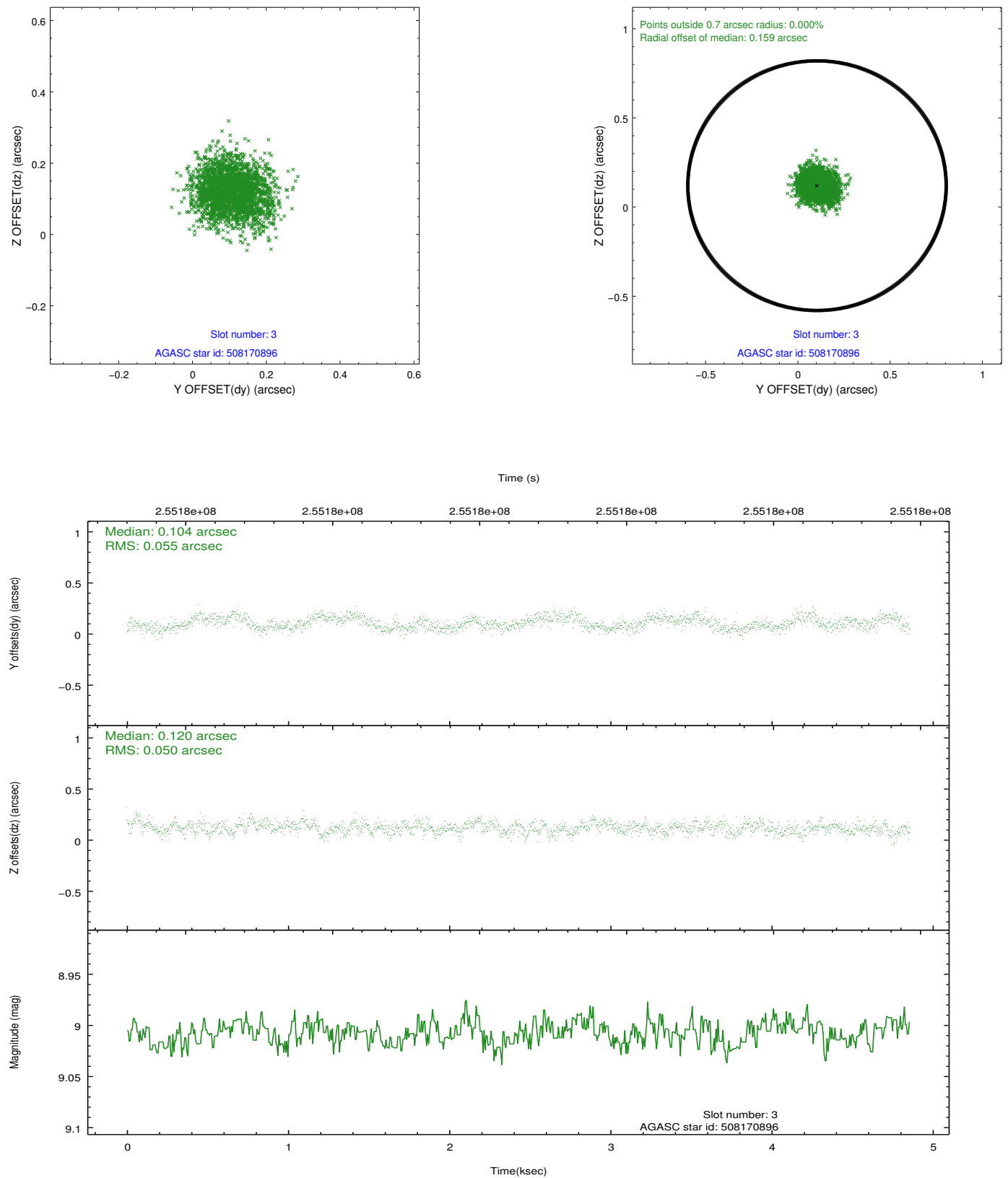


Slot Statistics

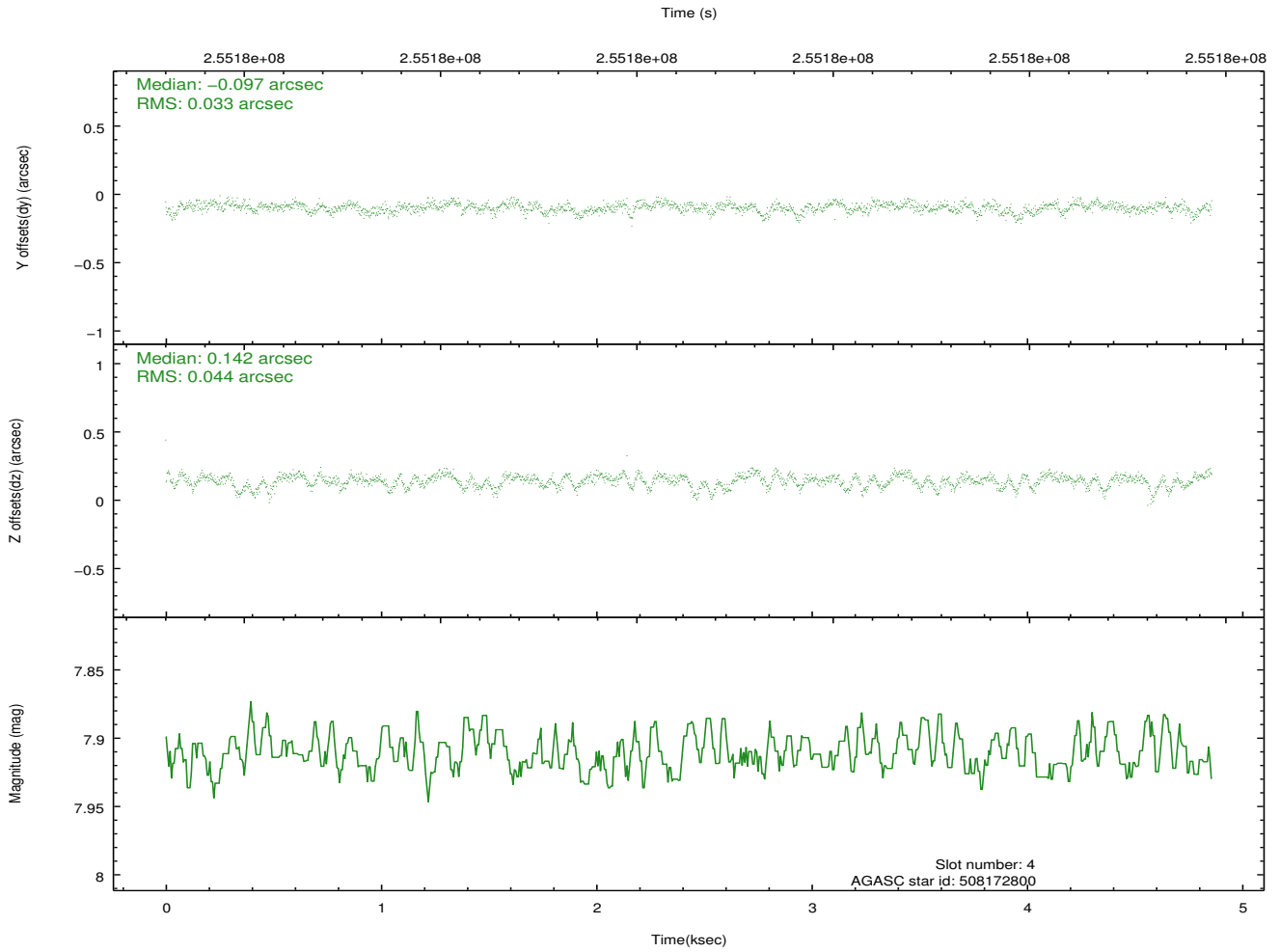
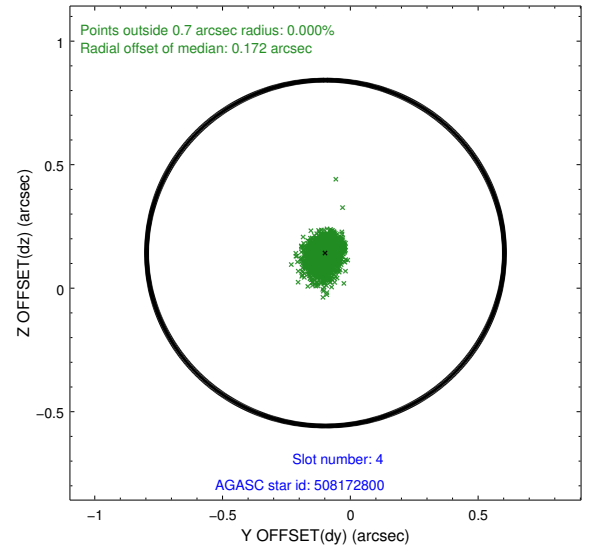
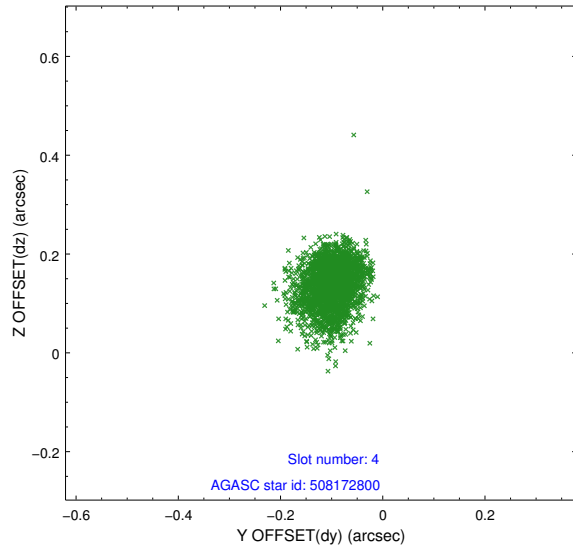
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	1186	0.053	-0.033	0.007	0.011	0.000000	0.000000	931.52	-834.86
1	FID	ACIS-I-5	7.23	1185	-0.187	0.061	0.006	0.011	0.000000	0.000000	-1816.08	1062.15
2	FID	ACIS-I-6	7.25	1186	0.042	0.041	0.007	0.011	0.000000	0.000000	395.75	1708.01
3	GUIDE	508170896	9.01	2371	0.104	0.120	0.079	0.127	242.052968	54.527984	-1225.05	-828.93
4	GUIDE	508172800	7.91	2370	-0.097	0.142	0.057	0.095	242.573753	54.657892	-357.96	-1632.72
5	GUIDE	508573872	8.67	2371	-0.040	0.037	0.059	0.096	241.738816	55.437101	1514.96	1073.92
6	GUIDE	508173376	8.32	2369	0.056	-0.065	0.063	0.102	241.134254	54.422412	-2334.49	785.74
7	GUIDE	508567136	8.78	2370	-0.020	-0.235	0.087	0.134	240.841632	55.181215	-53.70	2405.06

2.4 Star Slots

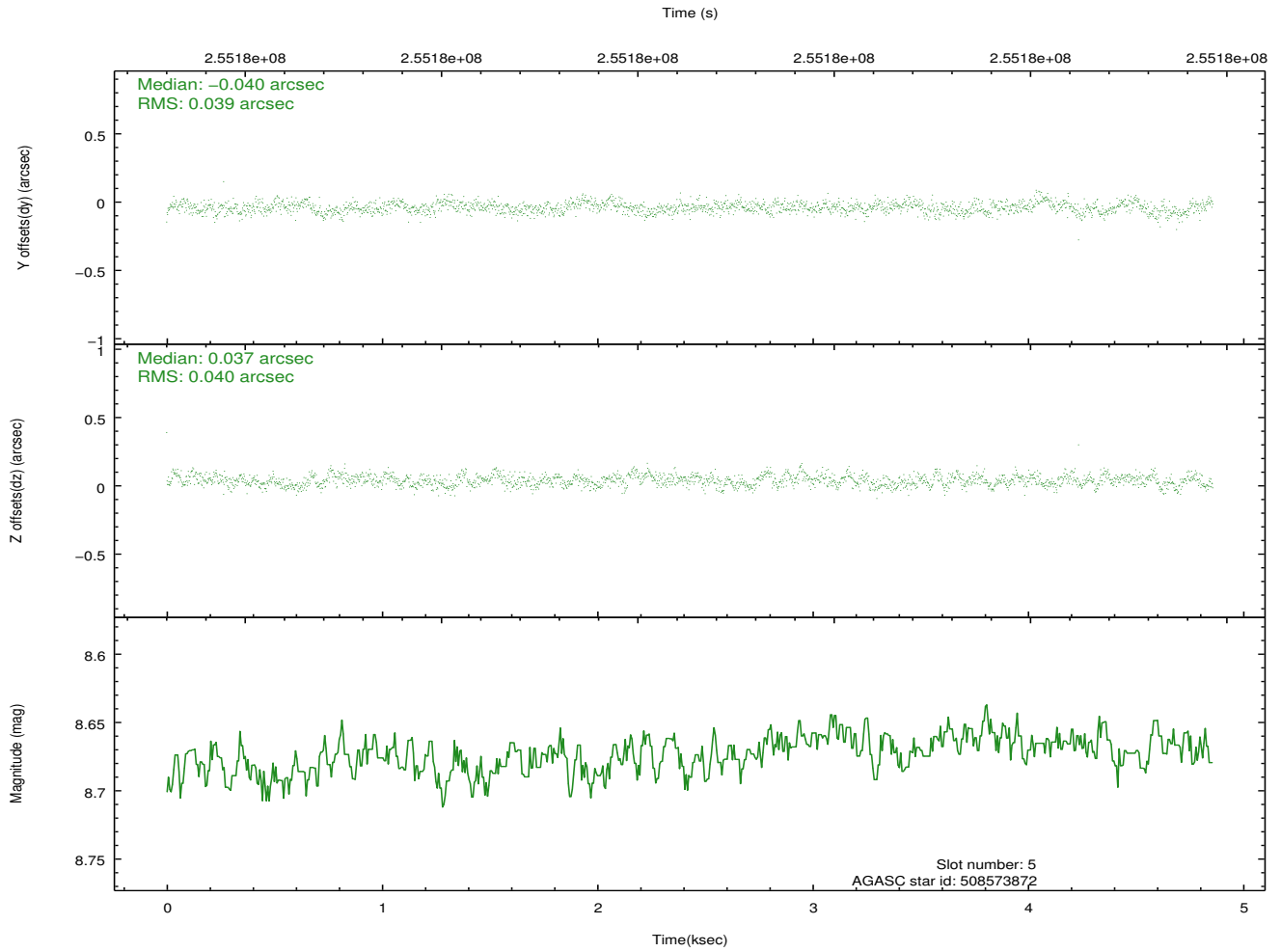
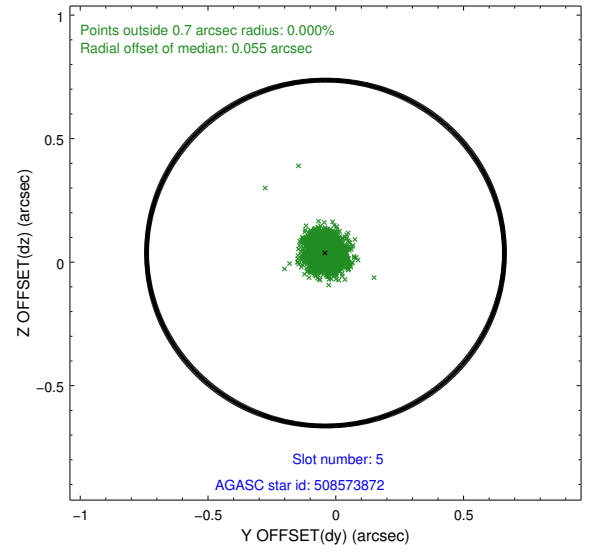
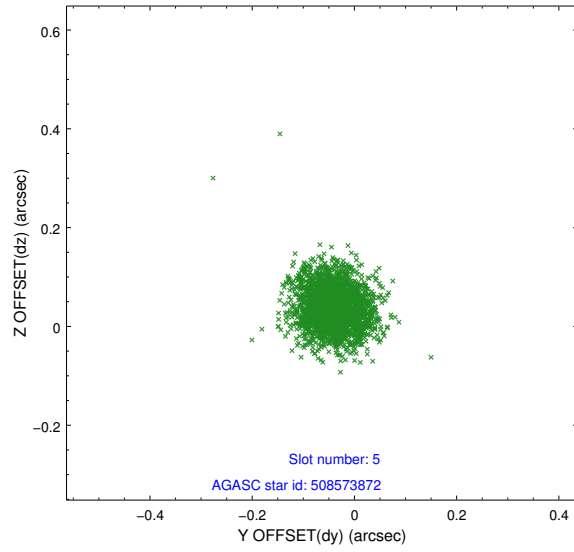
2.4.1 Slot 3



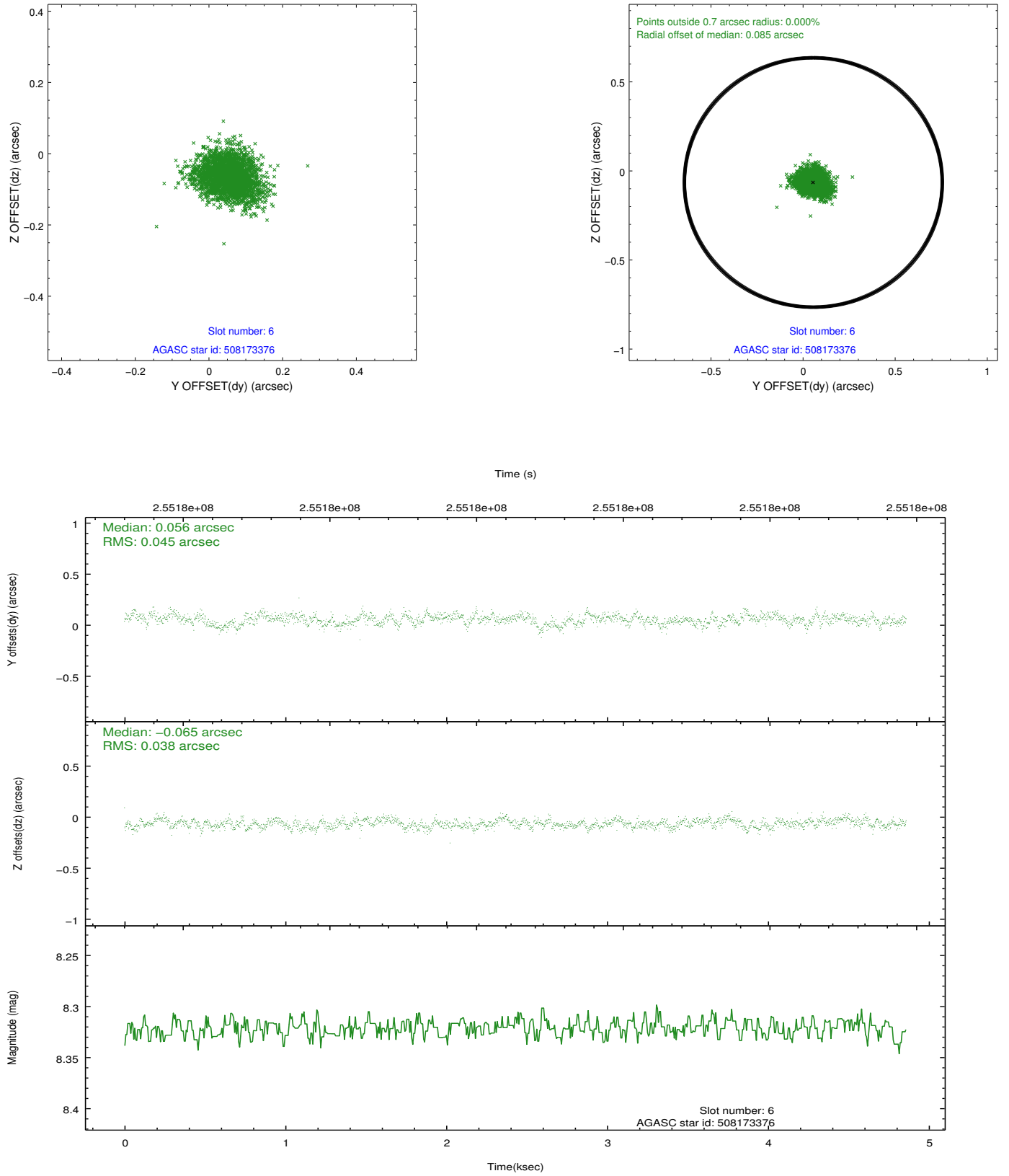
2.4.2 Slot 4



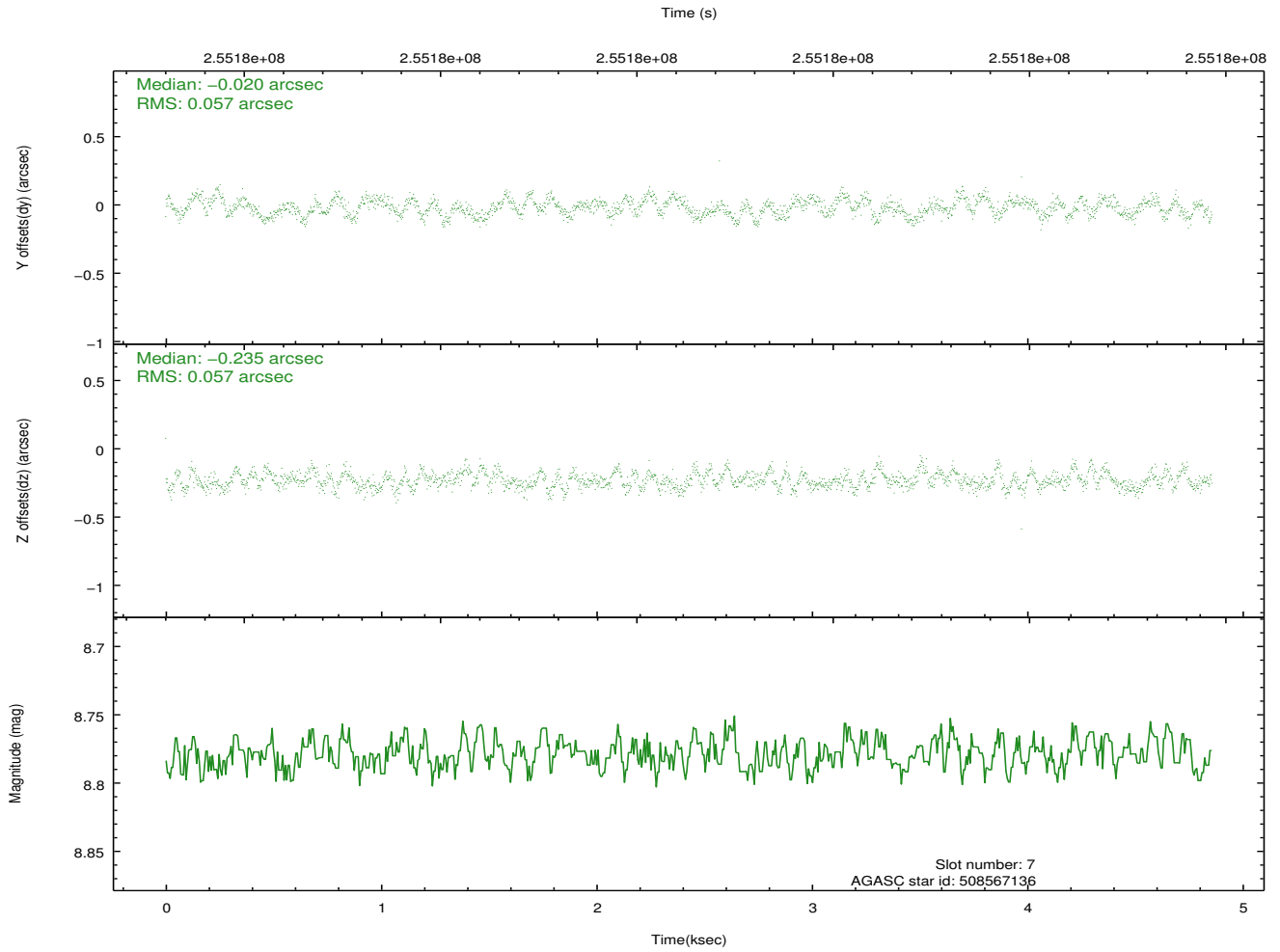
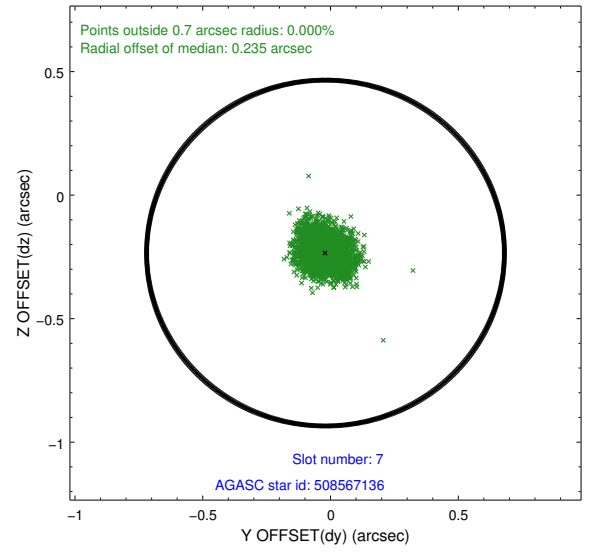
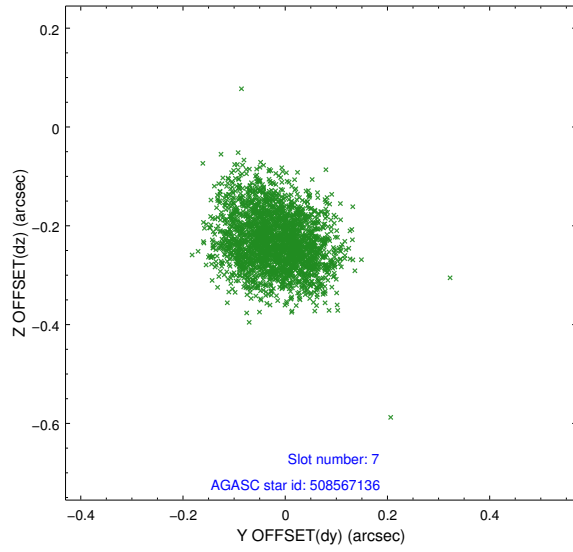
2.4.3 Slot 5



2.4.4 Slot 6

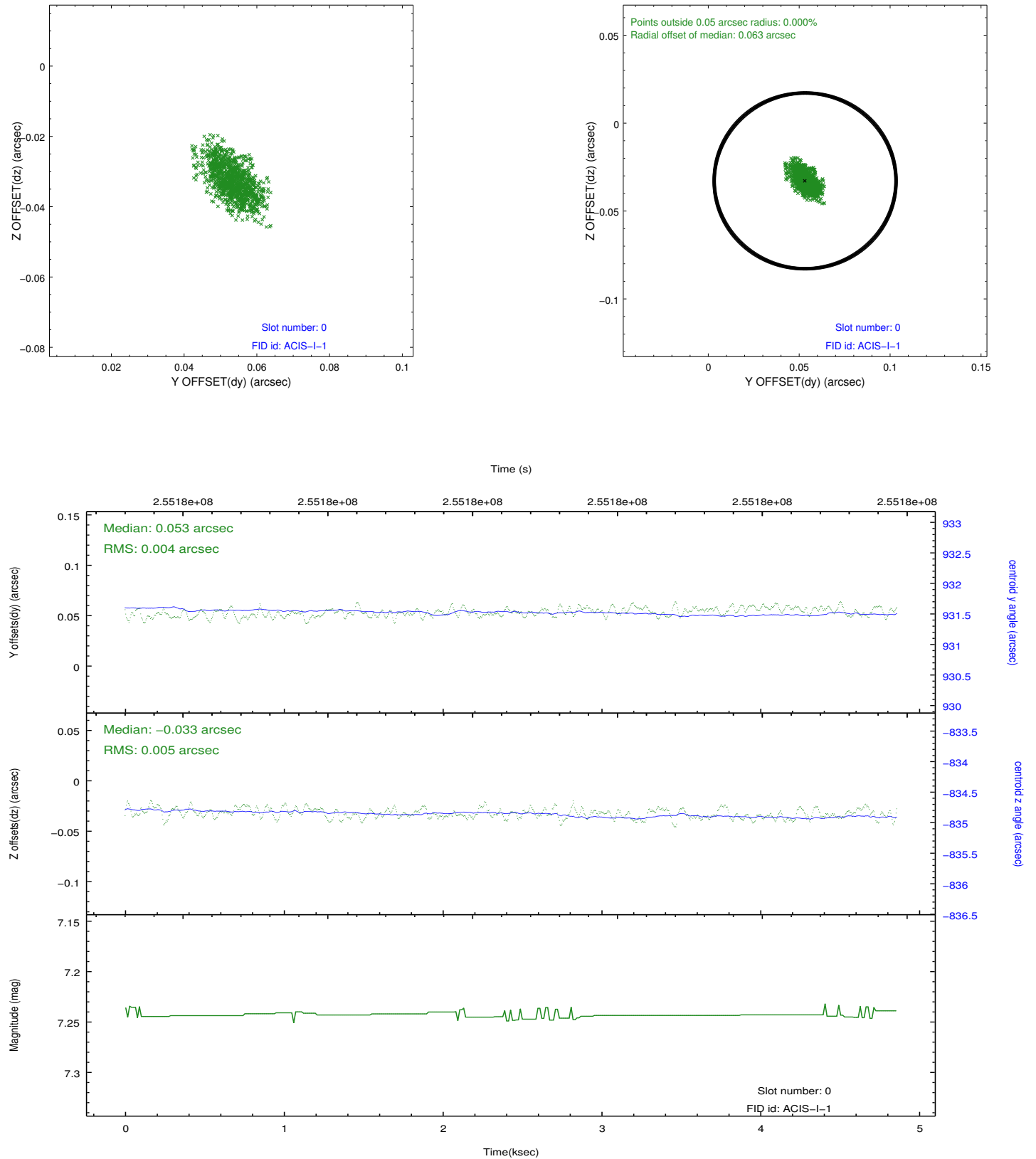


2.4.5 Slot 7

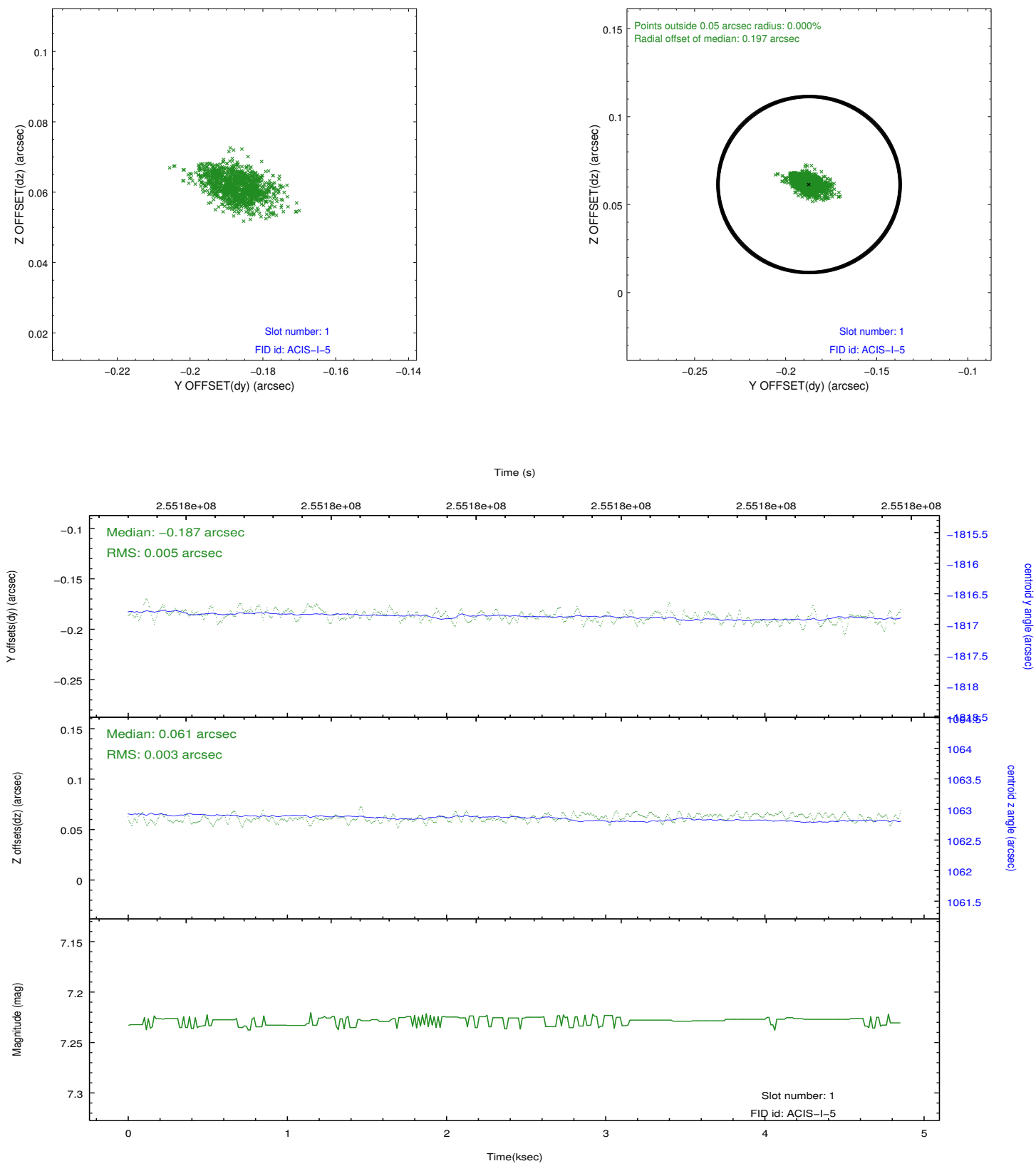


2.5 FID Slots

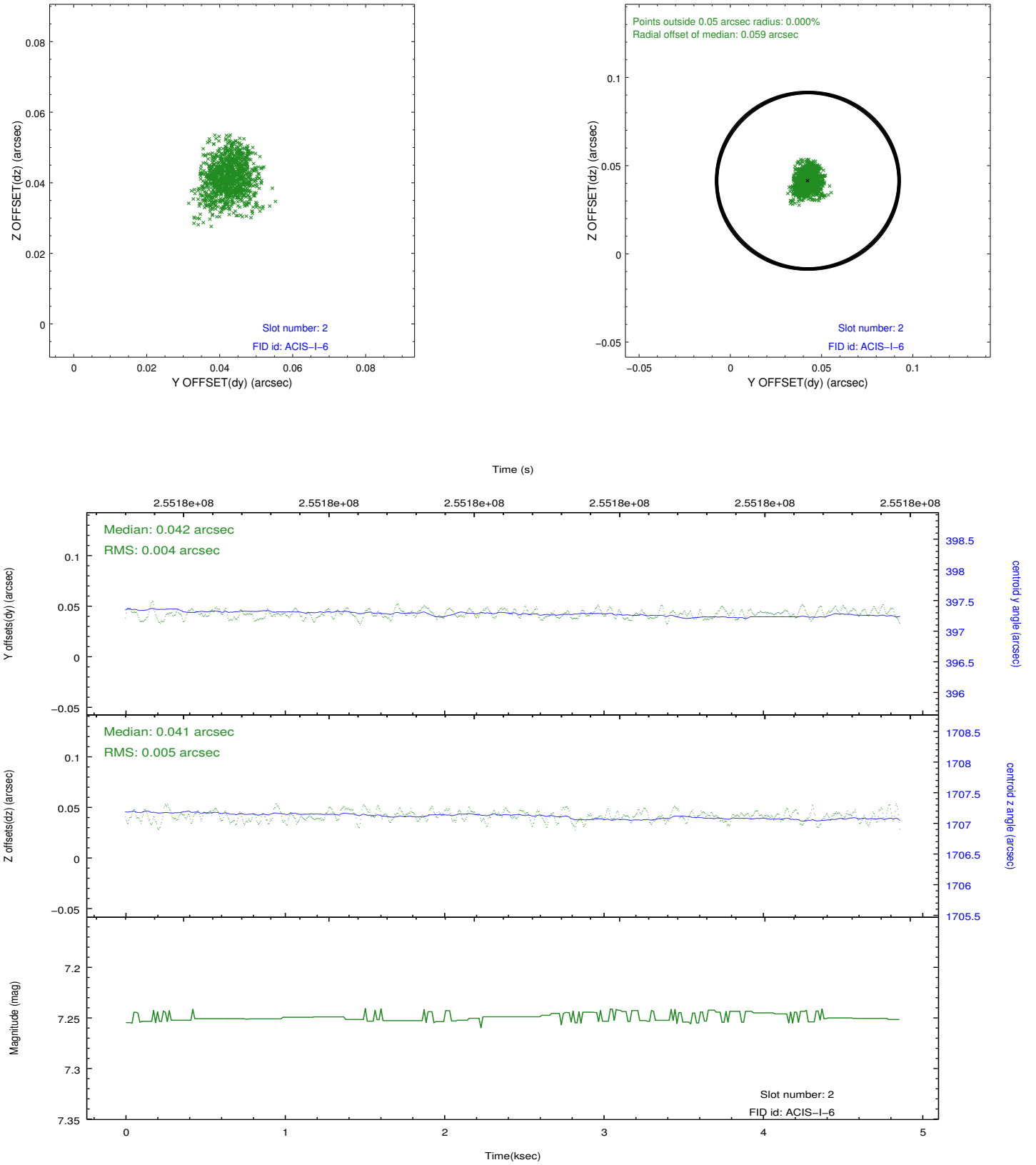
2.5.1 Slot 0



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	4.42879998

A.2 Comments