

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 5869 - L2 Version 2
Chandra X-Ray Center

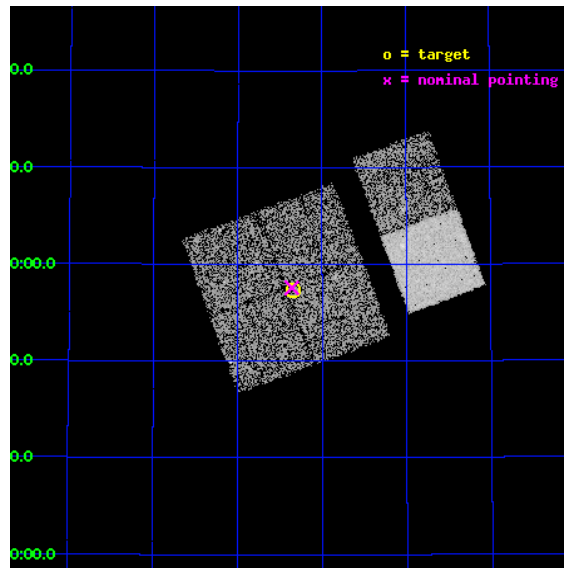
L2 Processing Date : Mar 24 2012

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1 Front

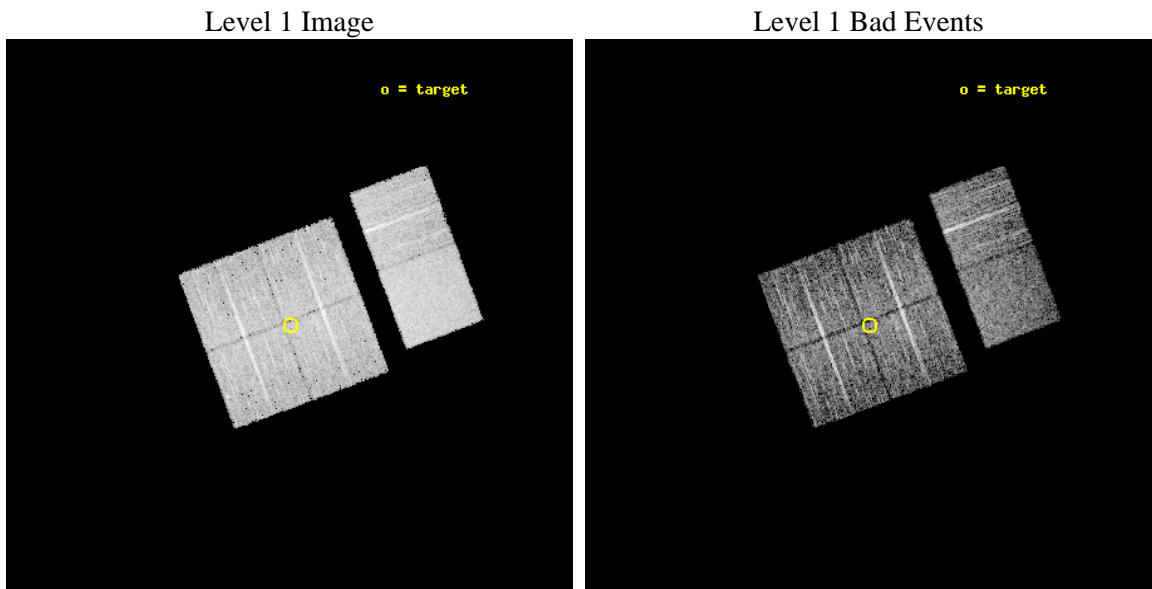
seq_num	900369	Sequence number
obs_id	5869	Observation id
title	The Spectral Energy Distributions of AGN: A Shallow Survey of the ELAIS-N1 Field	Proposal title
observer	Prof Kirpal Nandra	Principal investigator
object	N1_15	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	242.58375	Observer's specified target RA [deg]
dec_targ	53.956194	Observer's specified target Dec [deg]
ra_nom	242.5893111039	Nominal RA [deg]
dec_nom	53.959611091227	Nominal Dec [deg]
roll_nom	69.559181563785	Nominal Roll [deg]
revision	2	Processing version of data
ontime	4760.4447589815	Sum of GTIs [s]
livetime	4700.1651410475	Livetime [s]
ontime0	4760.3216390014	Sum of GTIs [s]
ontime1	4760.3626789749	Sum of GTIs [s]
ontime2	4760.4037189782	Sum of GTIs [s]
ontime3	4760.4447589815	Sum of GTIs [s]
ontime6	4760.5268389881	Sum of GTIs [s]
ontime7	4760.4857989848	Sum of GTIs [s]
l2events	43125	Number of level 2 events



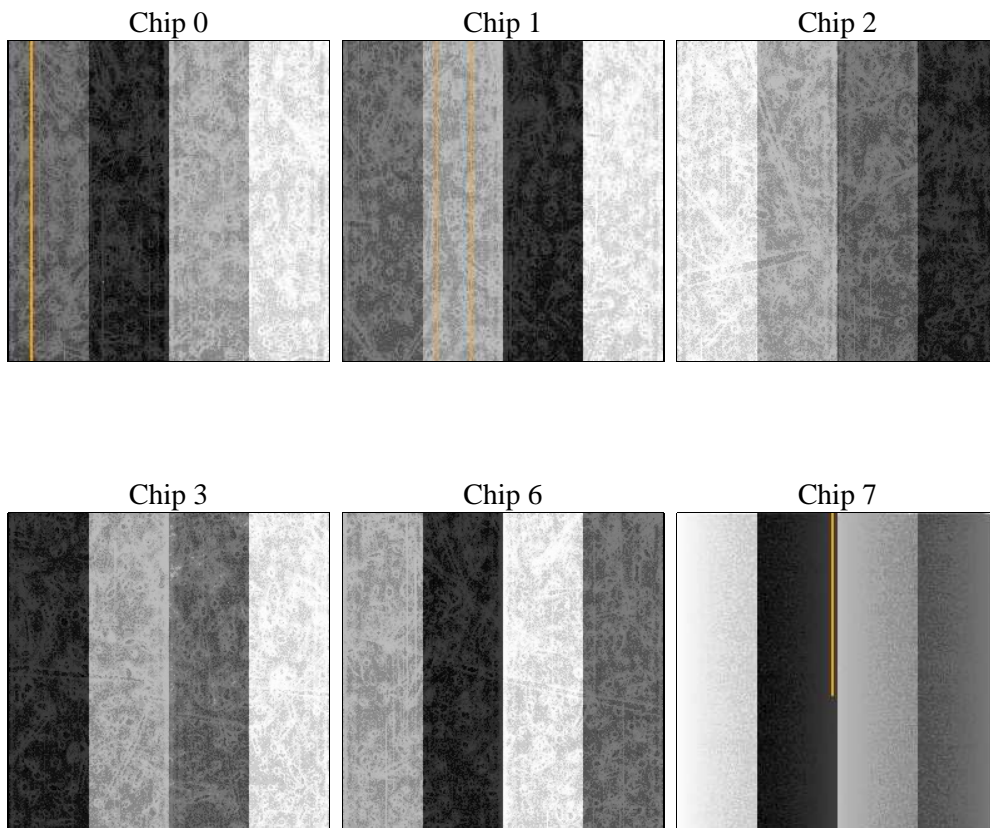
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	5000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.3	Processing system revision	ontime	4760.4447589815	Sum of GTIs [s]
caldsver	4.4.8	 	ontime0	4760.3216390014	Sum of GTIs [s]
date	2012-03-25T00:12:01	Date and time of file creation	ontime1	4760.3626789749	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	4760.4037189782	Sum of GTIs [s]
			ontime3	4760.4447589815	Sum of GTIs [s]
			ontime6	4760.5268389881	Sum of GTIs [s]
			ontime7	4760.4857989848	Sum of GTIs [s]
			l1events	253987	Number of level 1 events

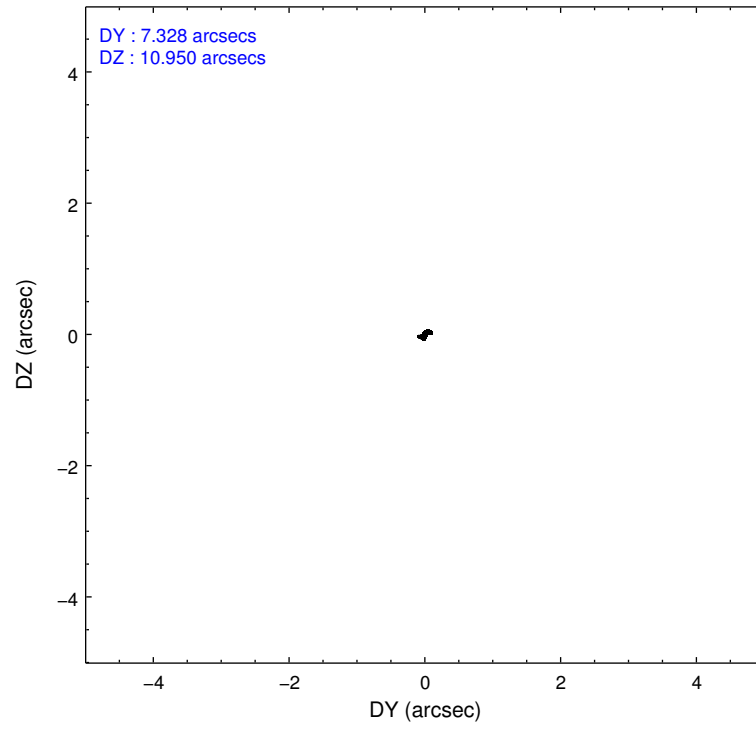
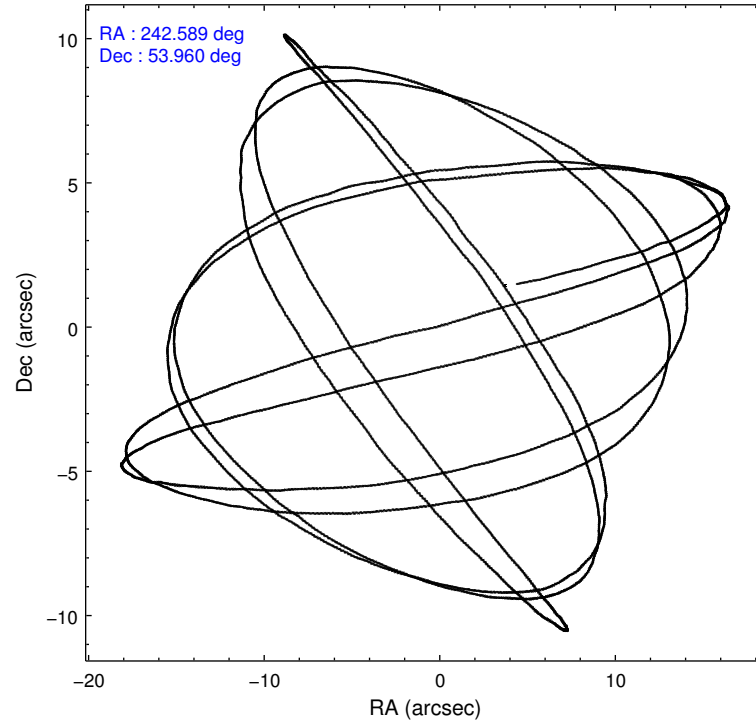
2.1.4 Events

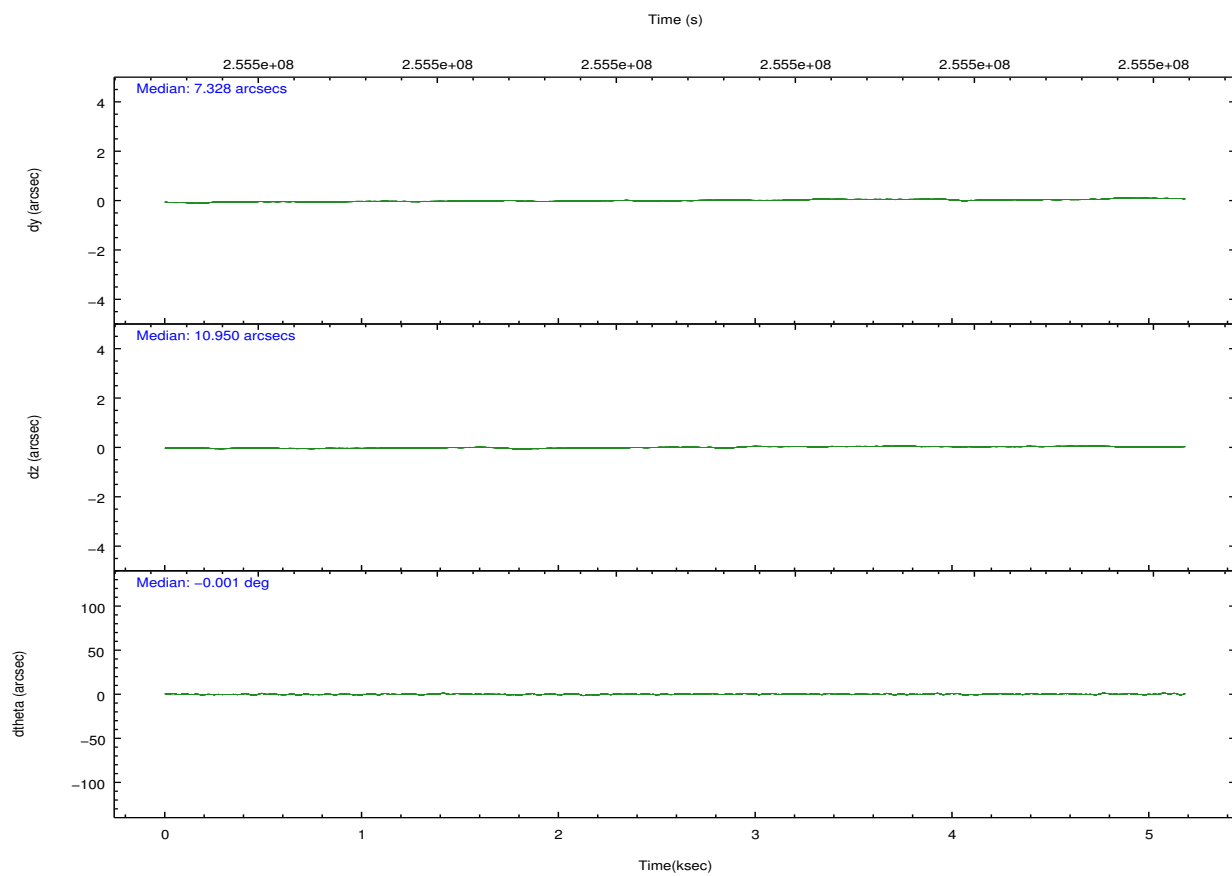
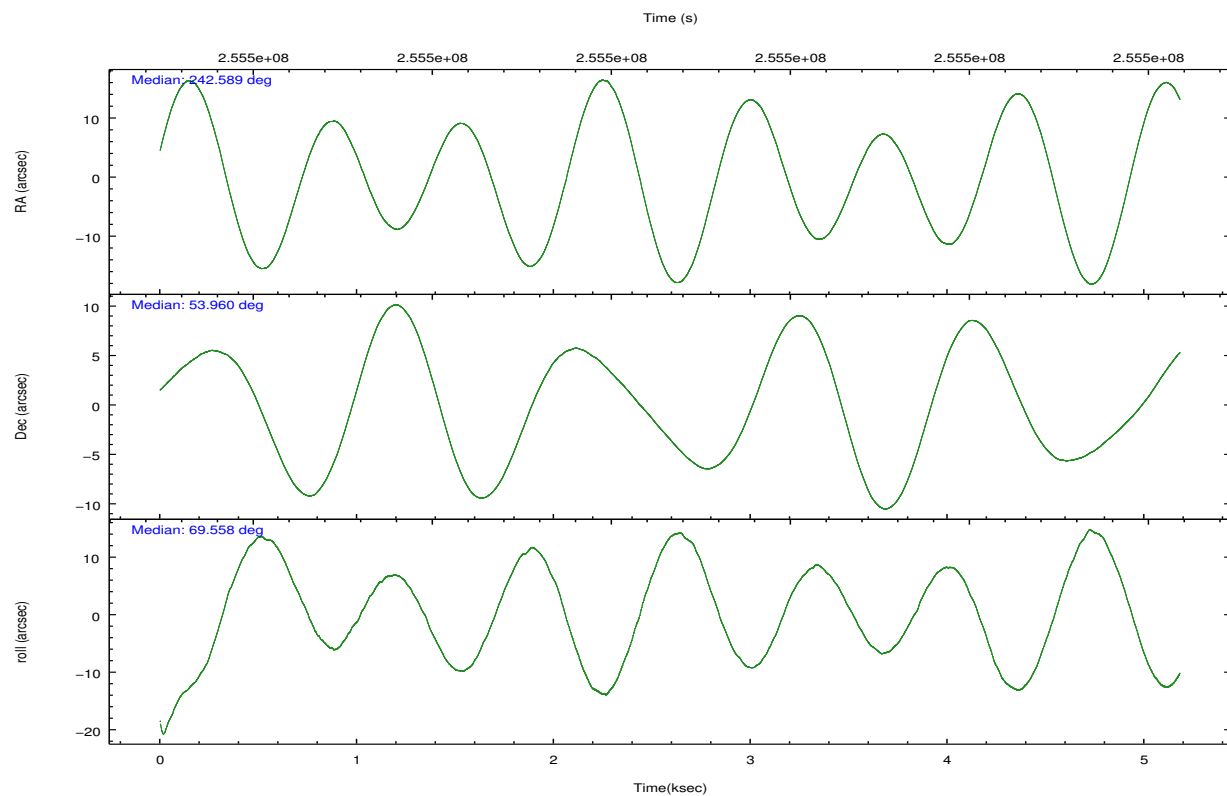
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	38879	37918	39923	39374	42766	55127	grade 0 events	2196	2010	2076	2059	1887	2032
rejected events	33930	32921	35289	34665	37927	32396		5%	5%	5%	5%	4%	3%
rejected %	87%	86%	88%	88%	88%	58%	grade 1 events	23	30	32	34	21	61
								0%	0%	0%	0%	0%	0%
							grade 2 events	1023	1097	954	936	1027	4480
								2%	2%	2%	2%	2%	8%
							grade 3 events	478	519	415	452	438	2070
								1%	1%	1%	1%	1%	3%
							grade 4 events	457	486	416	413	483	2006
								1%	1%	1%	1%	1%	3%
							grade 5 events	1589	1622	1527	1935	1889	5211
								4%	4%	3%	4%	4%	9%
							grade 6 events	798	886	775	855	1006	12154
								2%	2%	1%	2%	2%	22%
							grade 7 events	32315	31268	33728	32690	36015	27113
								83%	82%	84%	83%	84%	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	242.597070	242.5893111038983	Subarray requested	NONE	NONE
[deg] Pointing Dec	53.932574	53.95961109122744	Alternating exposures requested	N	N
[deg] Pointing Roll	69.344221	69.55918156378482	[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)	255494919.184000	255494537.98158			
Observation start date	2006-02-05T02:47:34	2006-02-05T02:42:17			
[s] Observation end time (MET)	255499919.184000	255500053.50684			
Observation end date	2006-02-05T04:10:54	2006-02-05T04:14:13			
Read mode	TIMED	TIMED			

2.3 Aspect



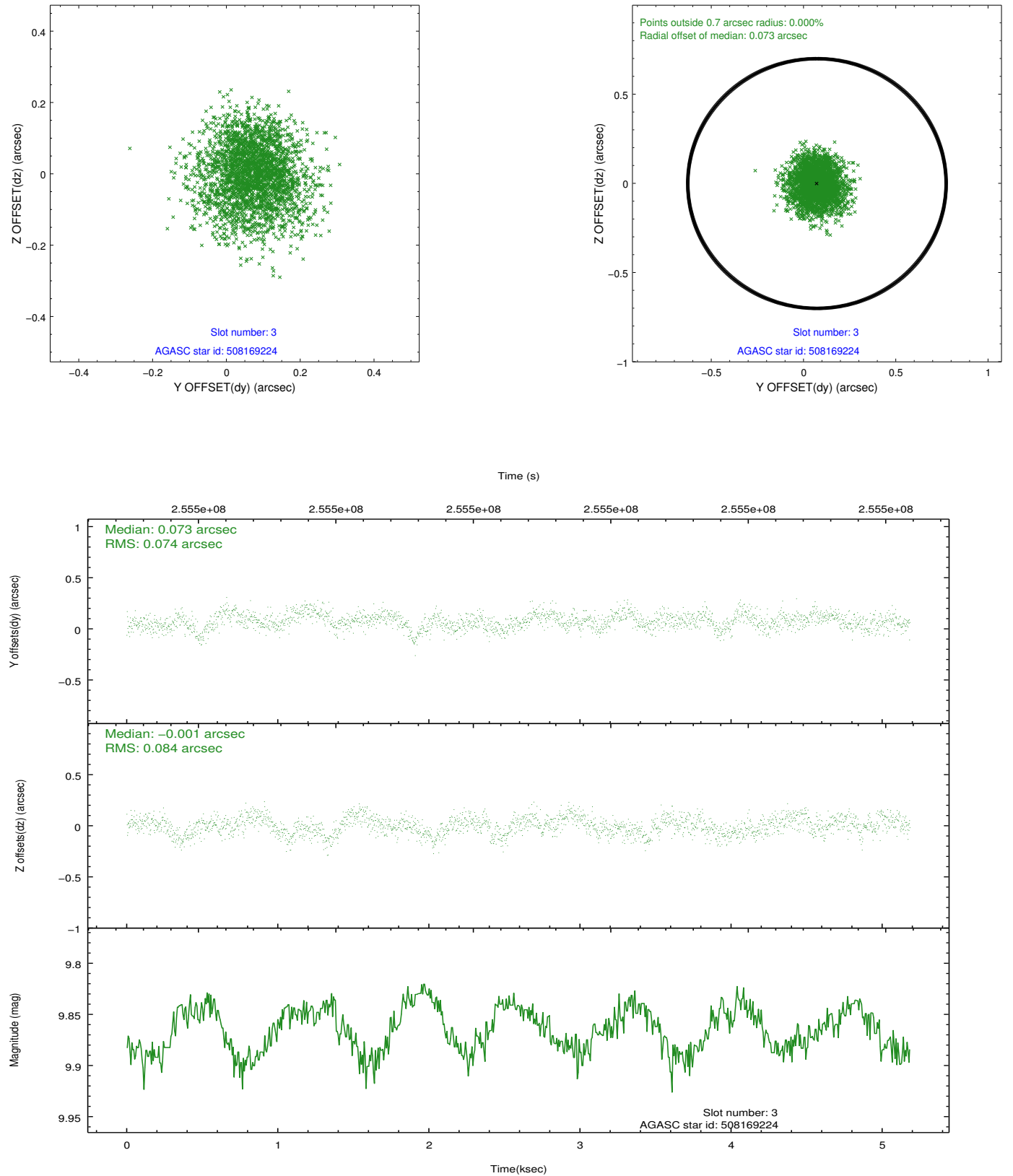


Slot Statistics

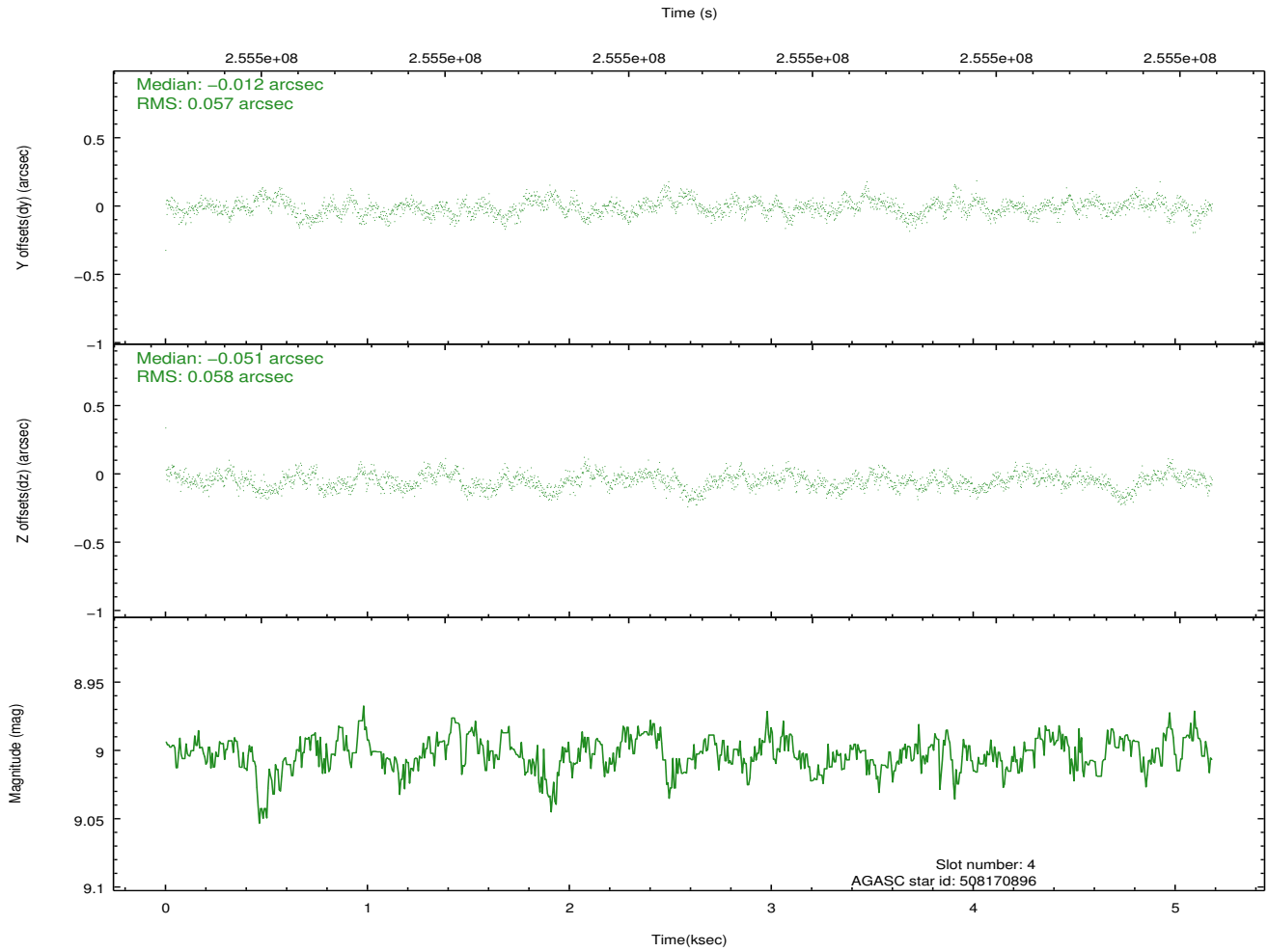
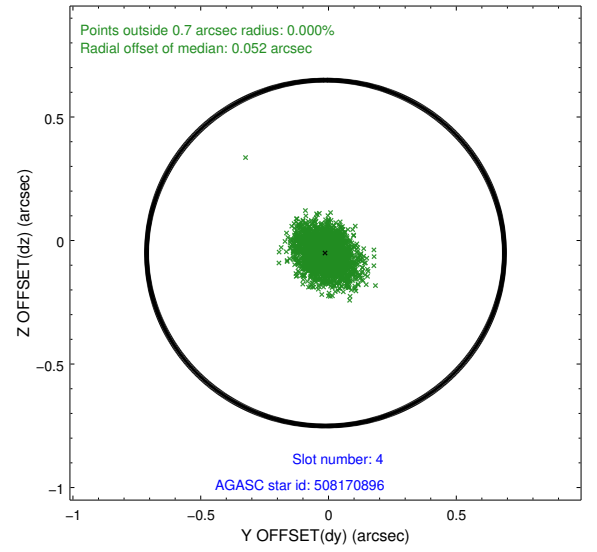
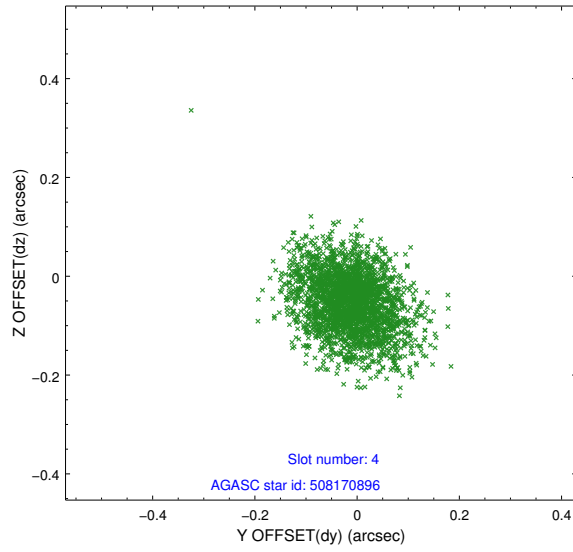
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	1264	0.041	-0.030	0.007	0.012	0.000000	0.000000	932.37	-834.49
1	FID	ACIS-I-5	7.23	1264	-0.171	0.052	0.006	0.011	0.000000	0.000000	-1815.27	1062.55
2	FID	ACIS-I-6	7.25	1264	0.039	0.048	0.007	0.010	0.000000	0.000000	396.69	1708.33
3	GUIDE	508169224	9.87	2528	0.073	-0.001	0.120	0.192	242.580277	53.826359	-370.52	-101.12
4	GUIDE	508170896	9.00	2529	-0.012	-0.051	0.086	0.142	242.052968	54.527984	1608.43	1821.64
5	GUIDE	508180600	9.27	2526	0.108	0.088	0.082	0.131	243.000865	53.504406	-1134.48	-1350.73
6	GUIDE	508181792	8.45	2529	0.206	-0.008	0.066	0.109	241.580704	53.515038	-2160.30	1510.23
7	GUIDE	508172800	7.91	2527	-0.377	-0.022	0.061	0.094	242.573753	54.657892	2424.72	967.58

2.4 Star Slots

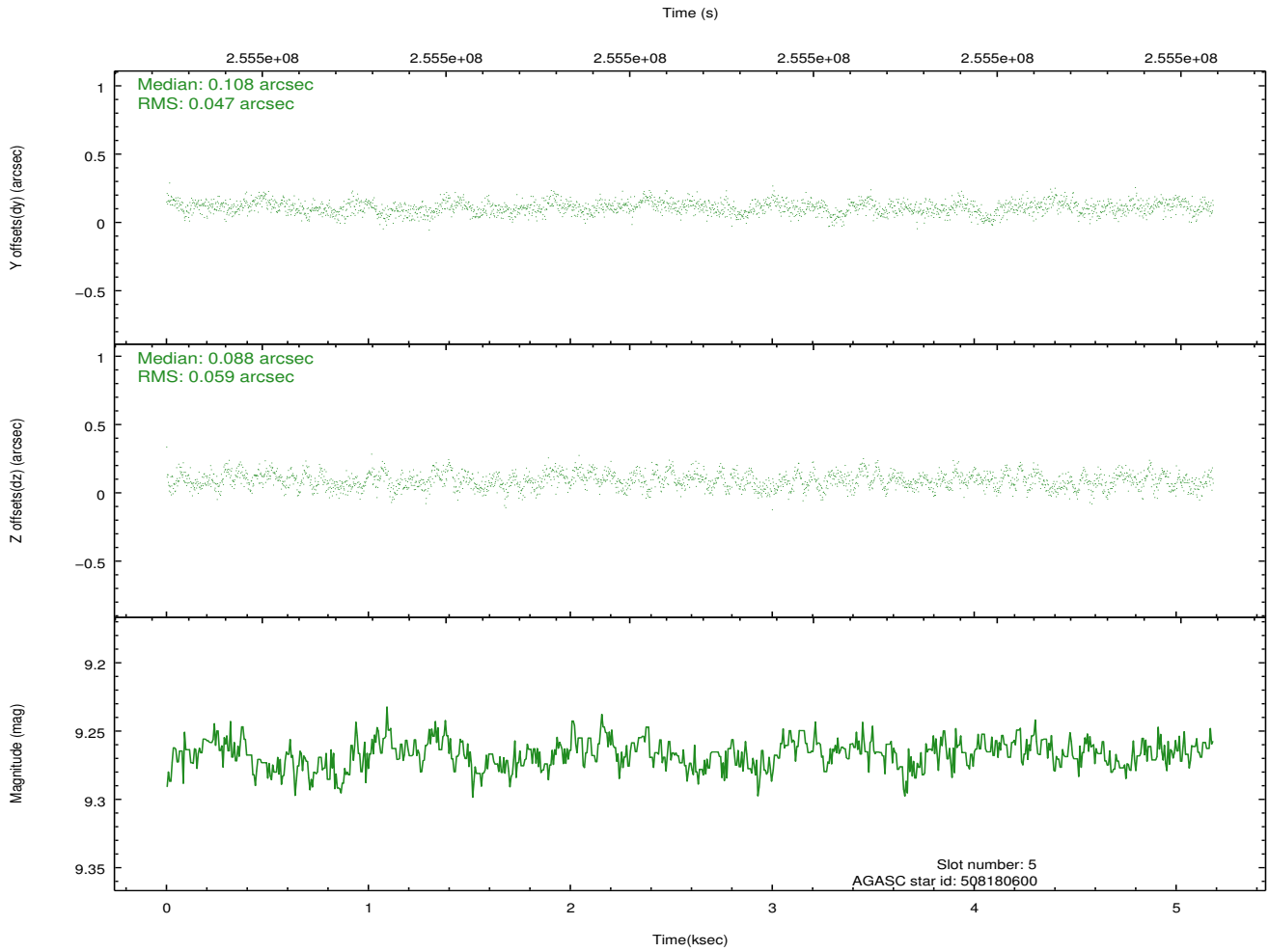
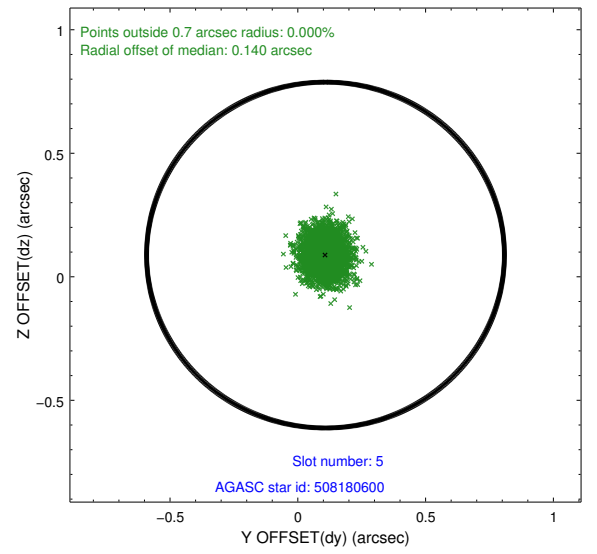
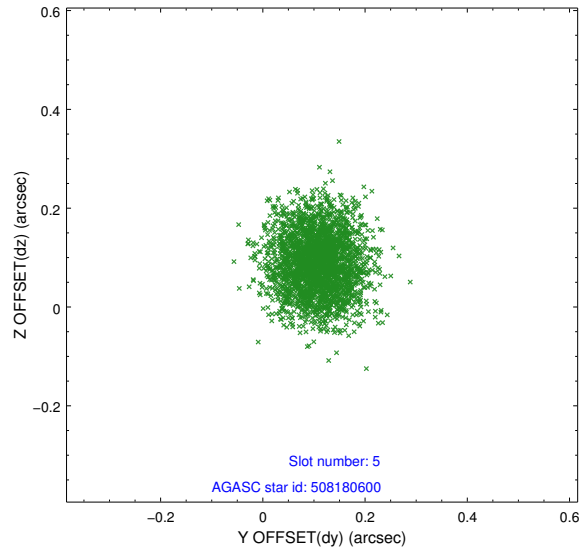
2.4.1 Slot 3



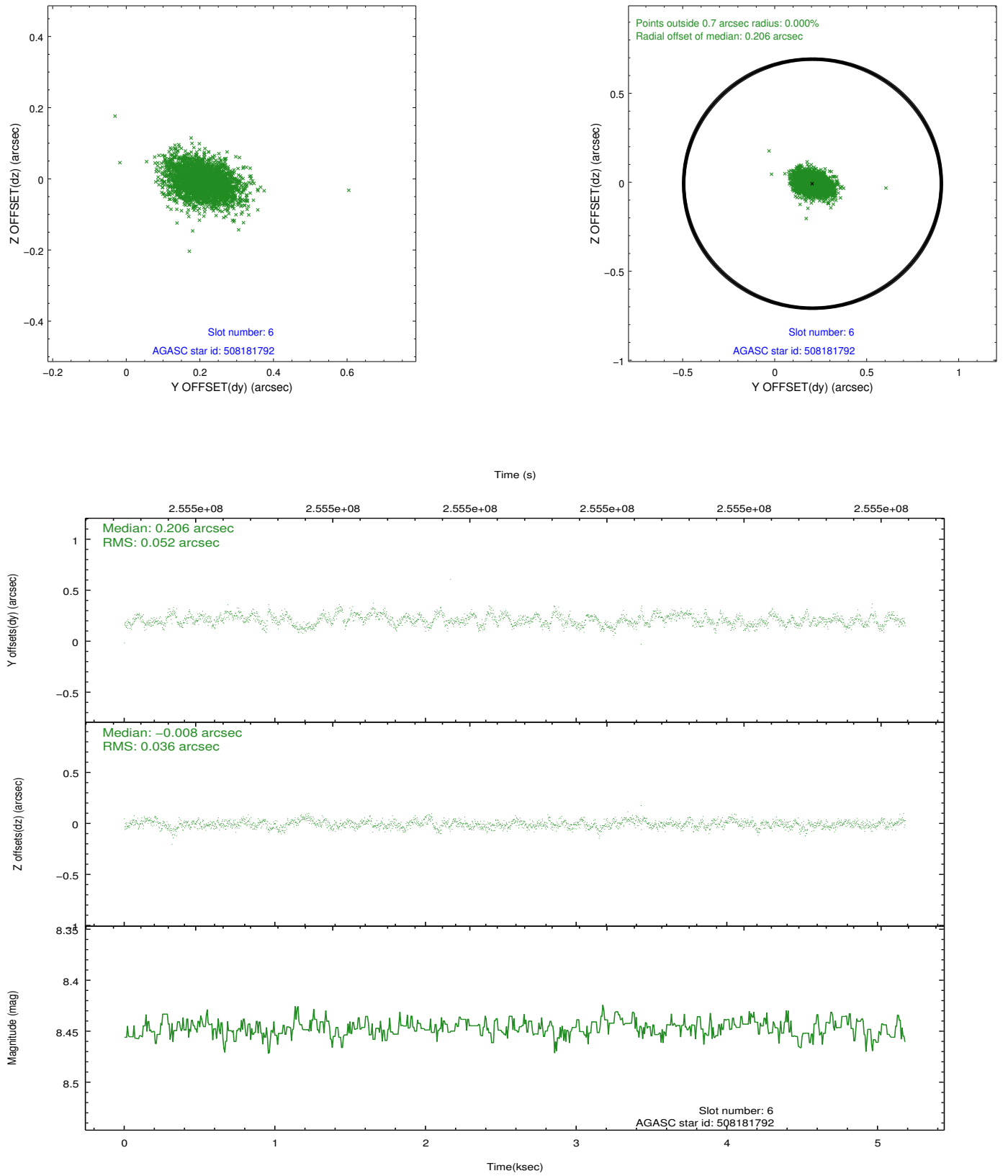
2.4.2 Slot 4



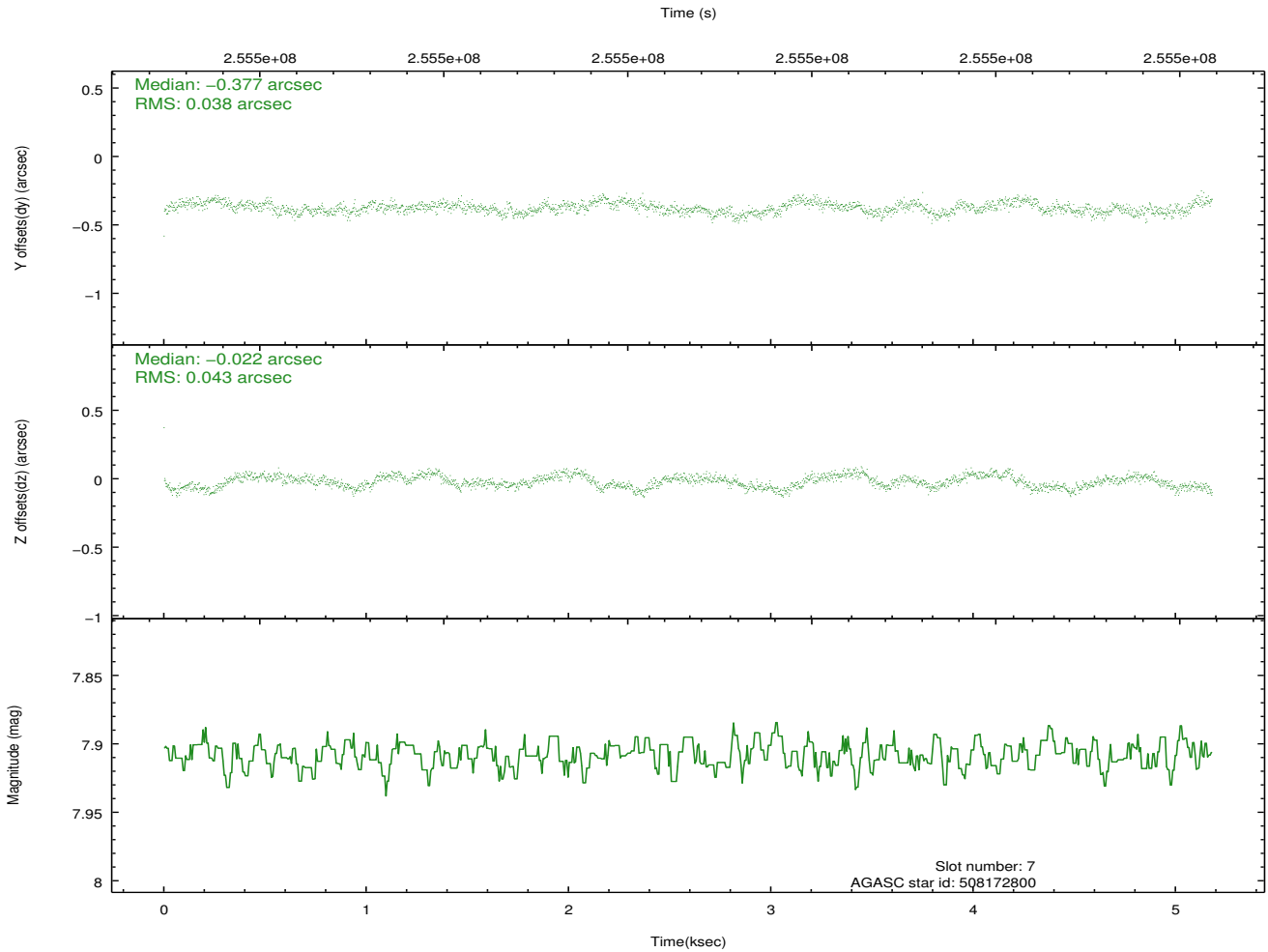
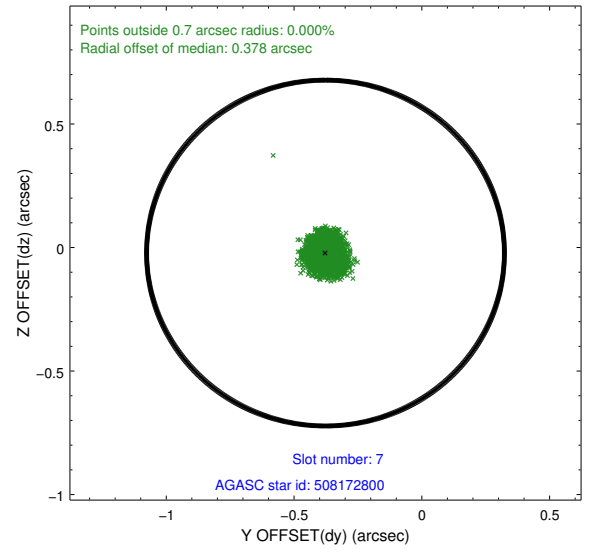
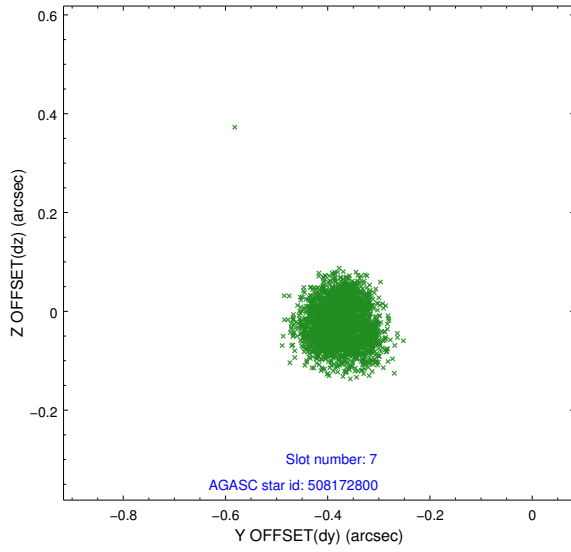
2.4.3 Slot 5



2.4.4 Slot 6

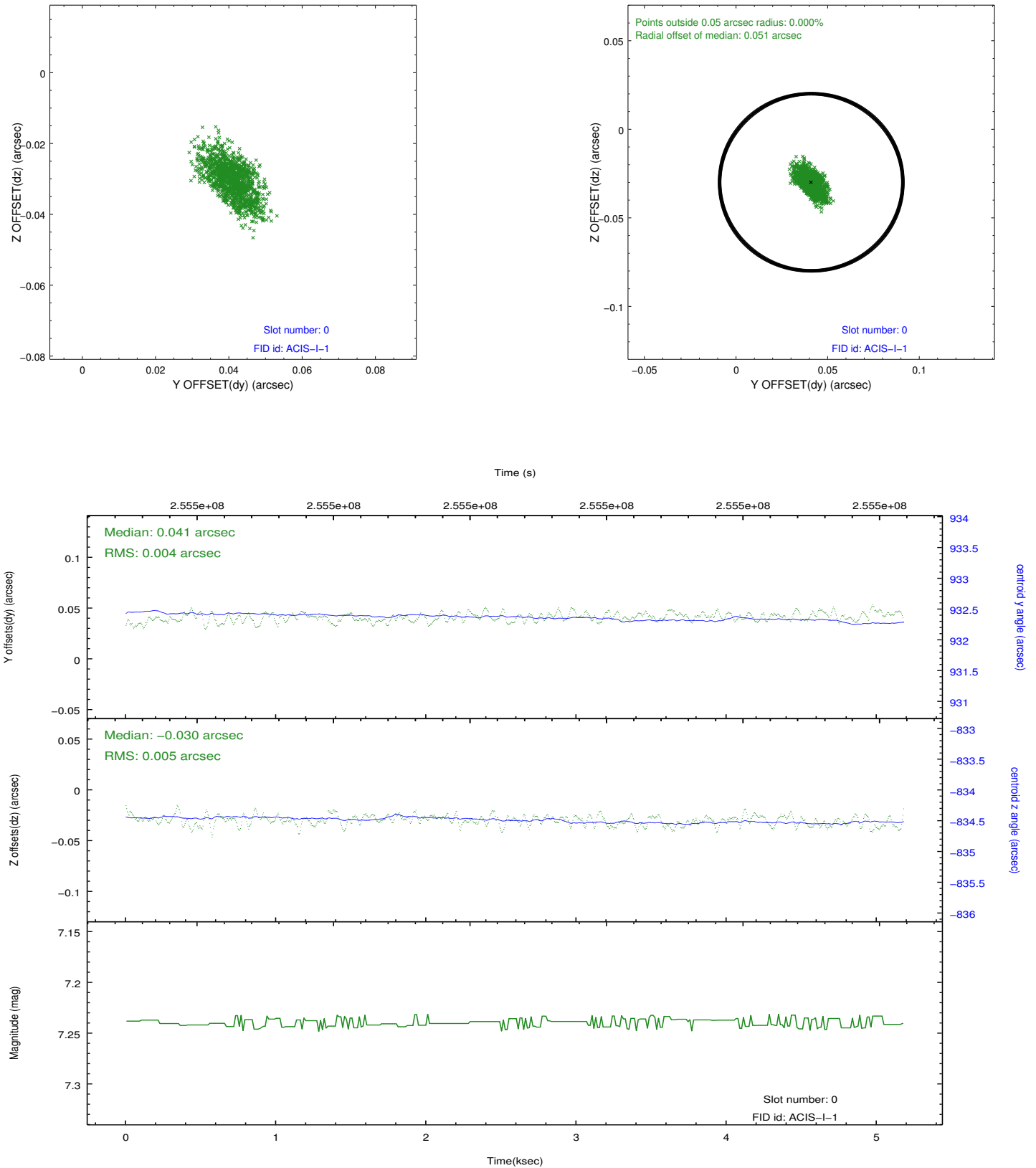


2.4.5 Slot 7

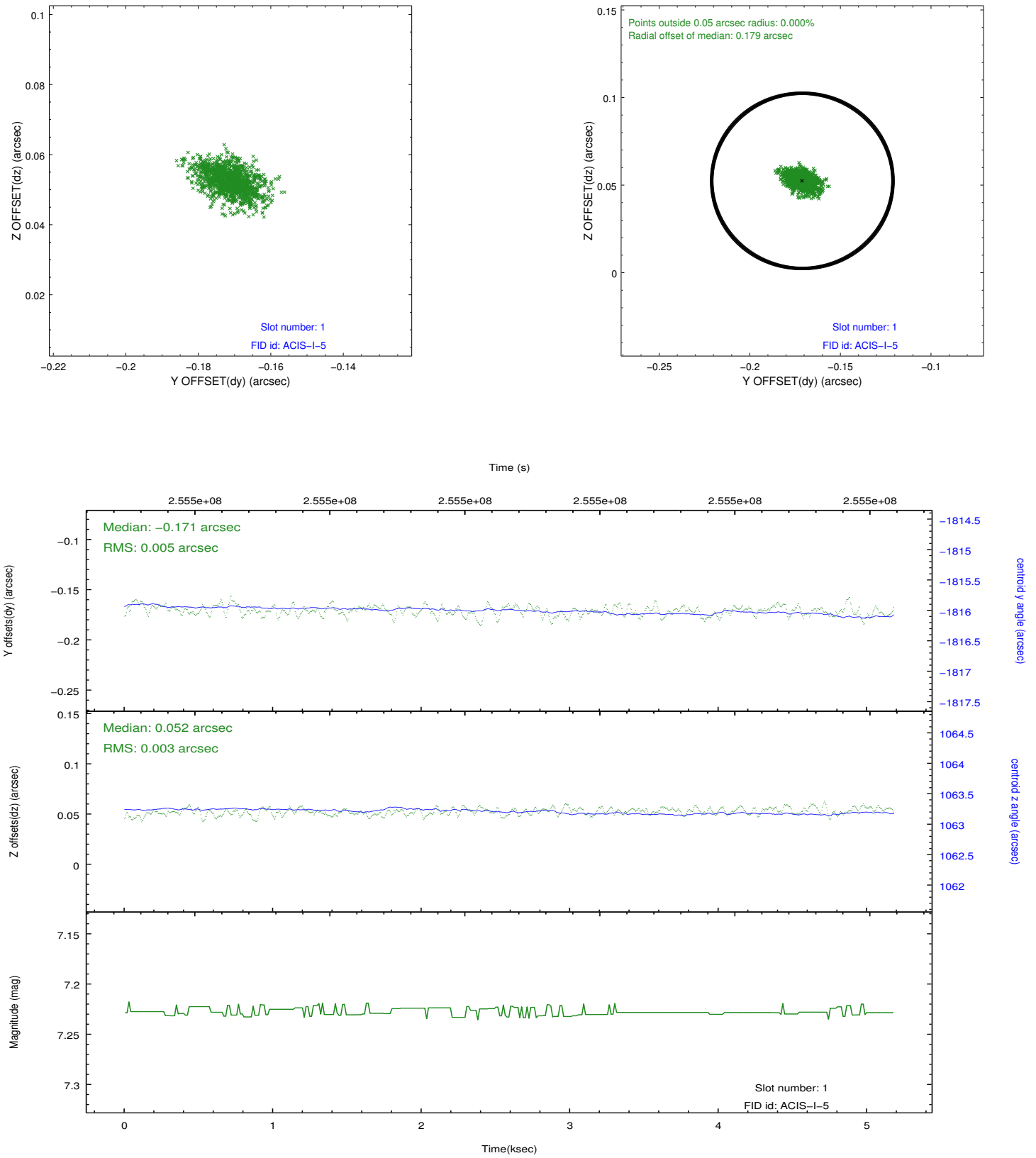


2.5 FID Slots

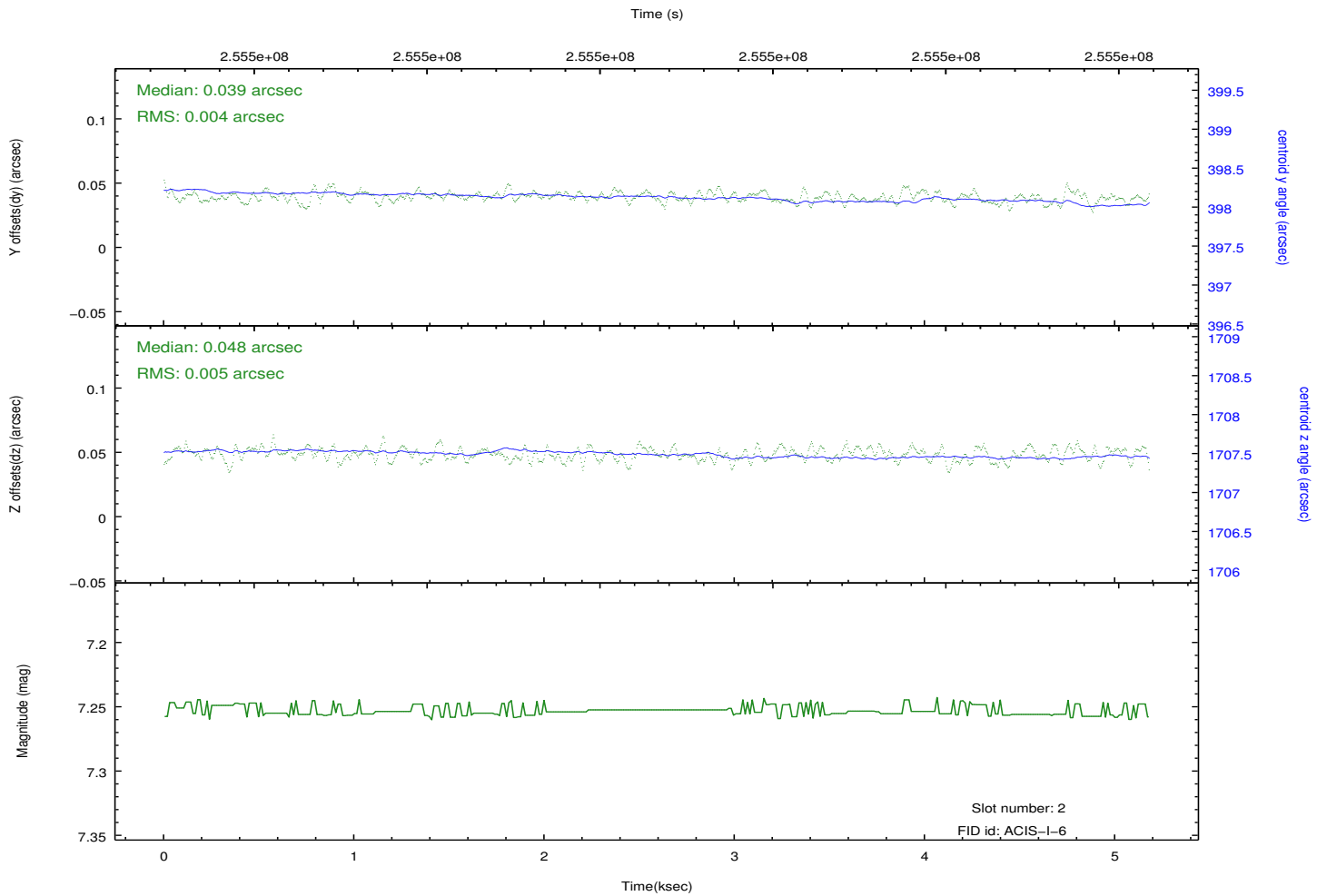
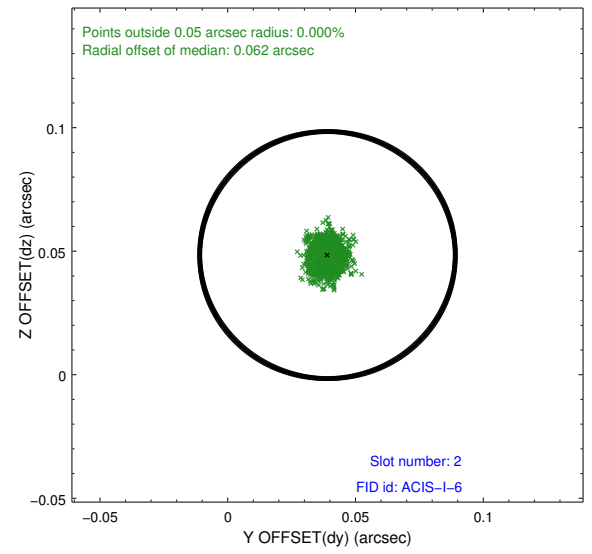
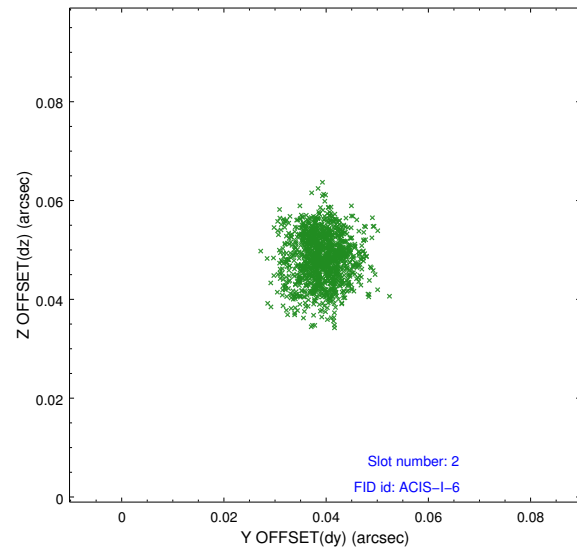
2.5.1 Slot 0



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)	2012.03.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.76159998

A.2 Comments