

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 5858 - L2 Version 2
Chandra X-Ray Center

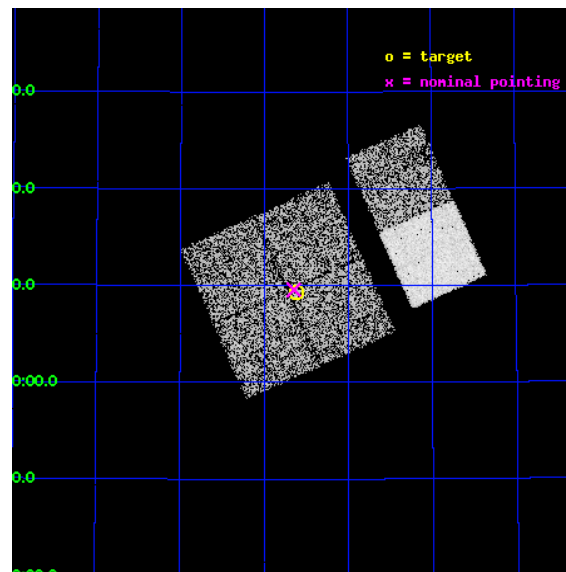
L2 Processing Date : Mar 24 2012

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1 Front

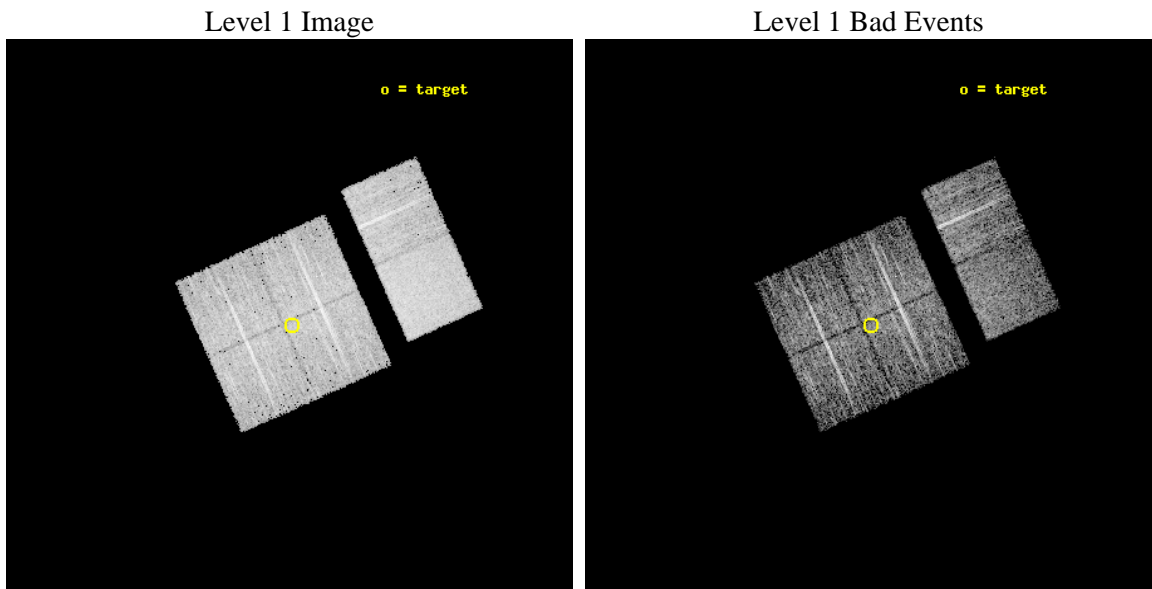
seq_num	900358	Sequence number
obs_id	5858	Observation id
title	The Spectral Energy Distributions of AGN: A Shallow Survey of the ELAIS-N1 Field	Proposal title
observer	Prof Kirpal Nandra	Principal investigator
object	N1_04	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	241.905833	Observer's specified target RA [deg]
dec_targ	54.156194	Observer's specified target Dec [deg]
ra_nom	241.91162329938	Nominal RA [deg]
dec_nom	54.15937893542	Nominal Dec [deg]
roll_nom	65.94076589653	Nominal Roll [deg]
revision	2	Processing version of data
ontime	4556.7999830246	Sum of GTIs [s]
livetime	4499.099037864	Livetime [s]
ontime0	4556.7999830246	Sum of GTIs [s]
ontime1	4556.7999830246	Sum of GTIs [s]
ontime2	4556.7999830246	Sum of GTIs [s]
ontime3	4556.7999830246	Sum of GTIs [s]
ontime6	4556.7999830246	Sum of GTIs [s]
ontime7	4556.7999830246	Sum of GTIs [s]
l2events	40651	Number of level 2 events



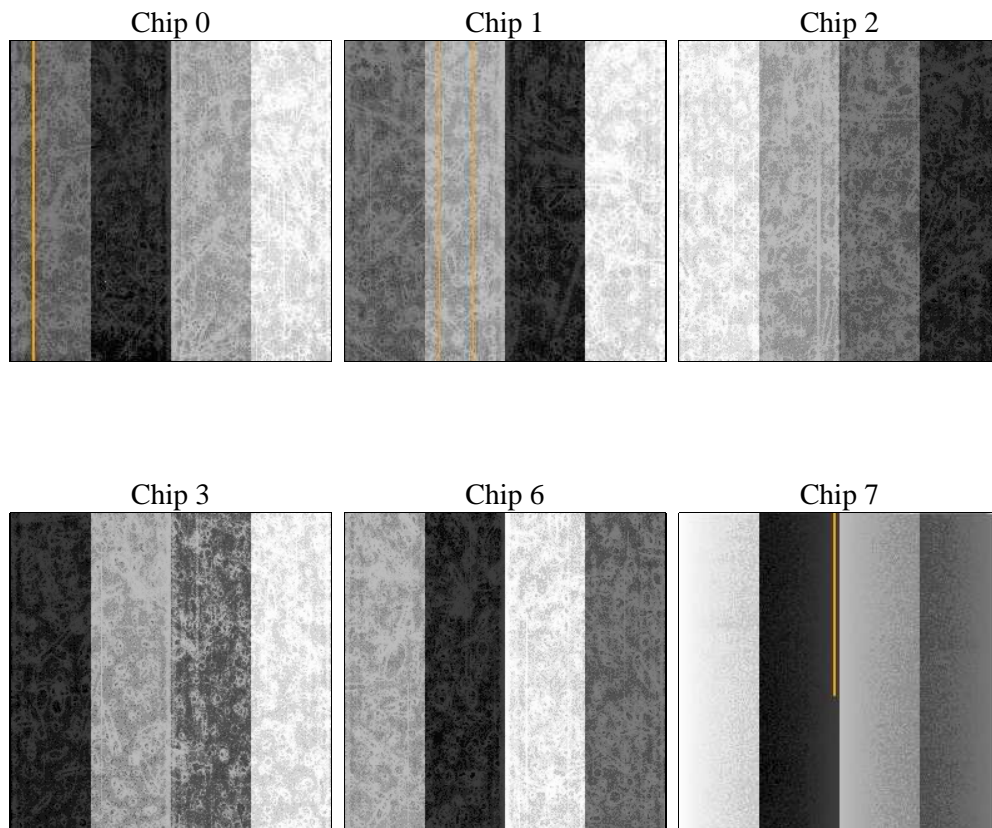
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	4800.000000	[s] Scheduled observation exposure time
ascdsver	8.4.3	Processing system revision	ontime	4556.7999830246	Sum of GTIs [s]
caldsver	4.4.8	 	ontime0	4556.7999830246	Sum of GTIs [s]
date	2012-03-24T23:30:06	Date and time of file creation	ontime1	4556.7999830246	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	4556.7999830246	Sum of GTIs [s]
			ontime3	4556.7999830246	Sum of GTIs [s]
			ontime6	4556.7999830246	Sum of GTIs [s]
			ontime7	4556.7999830246	Sum of GTIs [s]
			l1events	234447	Number of level 1 events

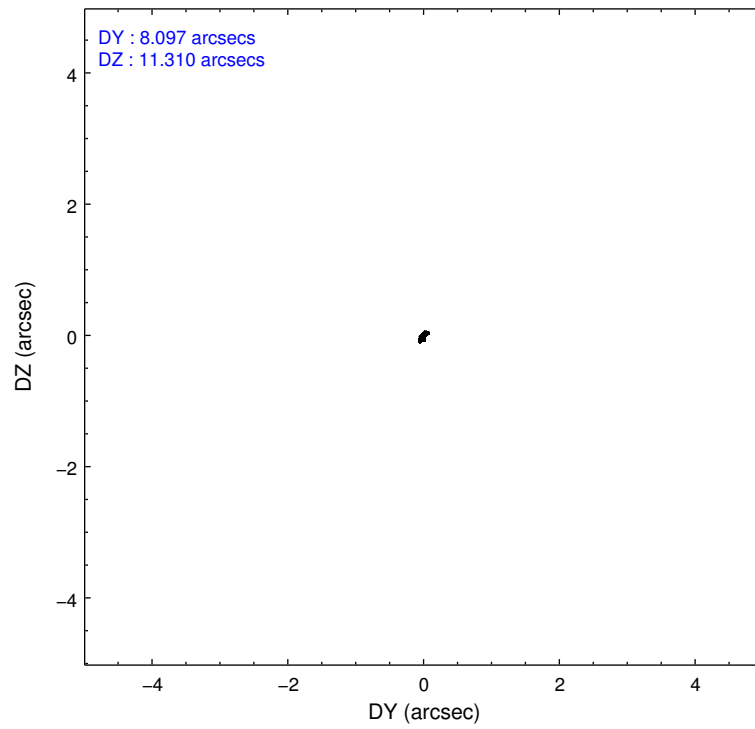
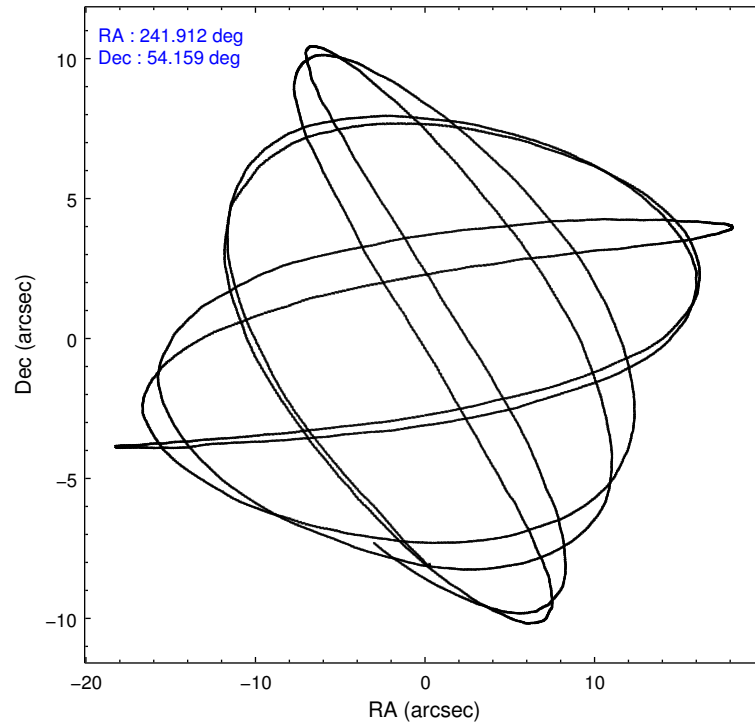
2.1.4 Events

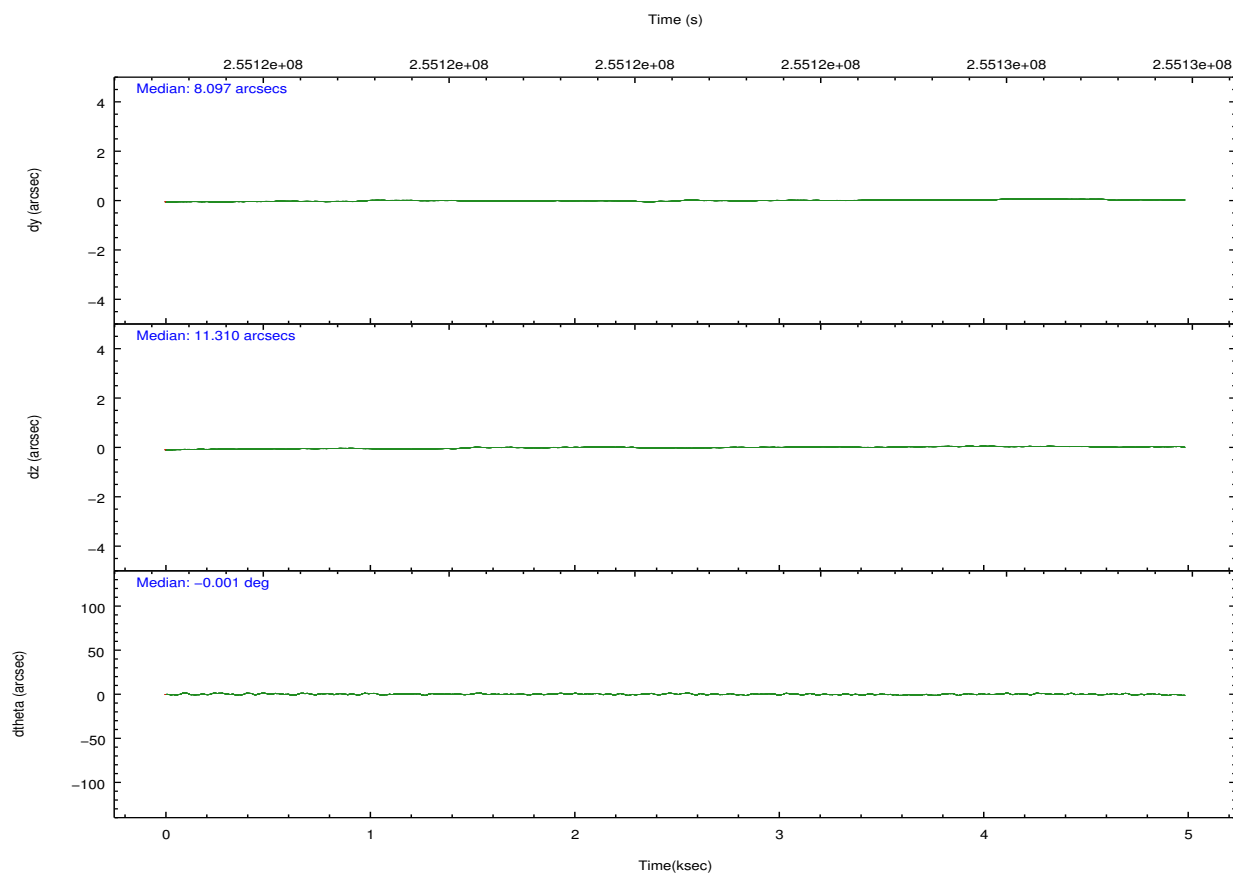
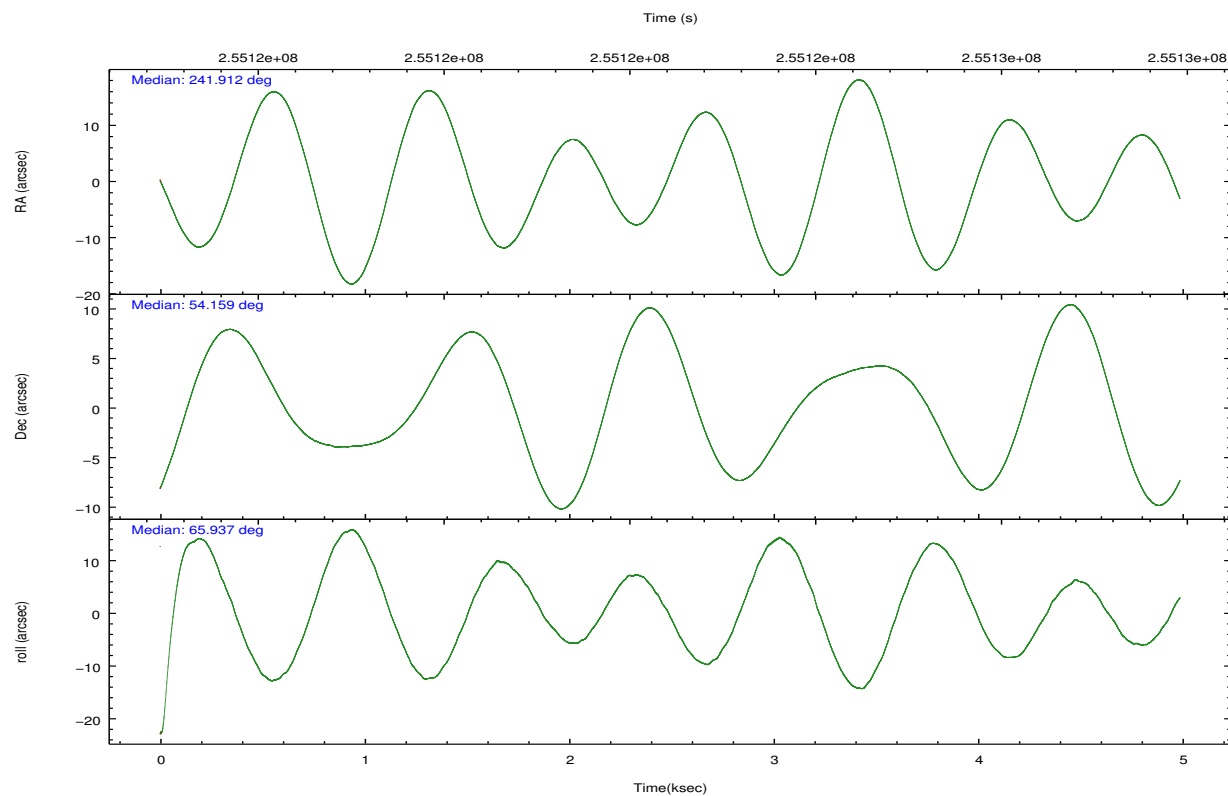
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	34435	34379	37587	36228	40100	51718	grade 0 events	1948	1903	2069	1897	1751	1941
rejected events	29936	29638	33073	31880	35500	30173		5%	5%	5%	5%	4%	3%
rejected %	86%	86%	87%	87%	88%	58%	grade 1 events	23	19	21	36	19	58
								0%	0%	0%	0%	0%	0%
							grade 2 events	980	1048	877	838	1012	4285
								2%	3%	2%	2%	2%	8%
							grade 3 events	425	442	408	429	474	1845
								1%	1%	1%	1%	1%	3%
							grade 4 events	398	447	413	398	446	1850
								1%	1%	1%	1%	1%	3%
							grade 5 events	1473	1677	1461	1689	1846	5049
								4%	4%	3%	4%	4%	9%
							grade 6 events	758	905	760	790	923	11648
								2%	2%	2%	2%	2%	22%
							grade 7 events	28430	27938	31578	30151	33629	25042
								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	241.916647	241.911623299383	Subarray requested	NONE	NONE
[deg] Pointing Dec	54.132134	54.15937893541991	Alternating exposures requested	N	N
[deg] Pointing Roll	65.728070	65.94076589653041	[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)	255121912.184000	255121536.36428			
Observation start date	2006-01-31T19:10:47	2006-01-31T19:05:36			
[s] Observation end time (MET)	255126712.184000	255127356.82705			
Observation end date	2006-01-31T20:30:47	2006-01-31T20:42:36			
Read mode	TIMED	TIMED			

2.3 Aspect



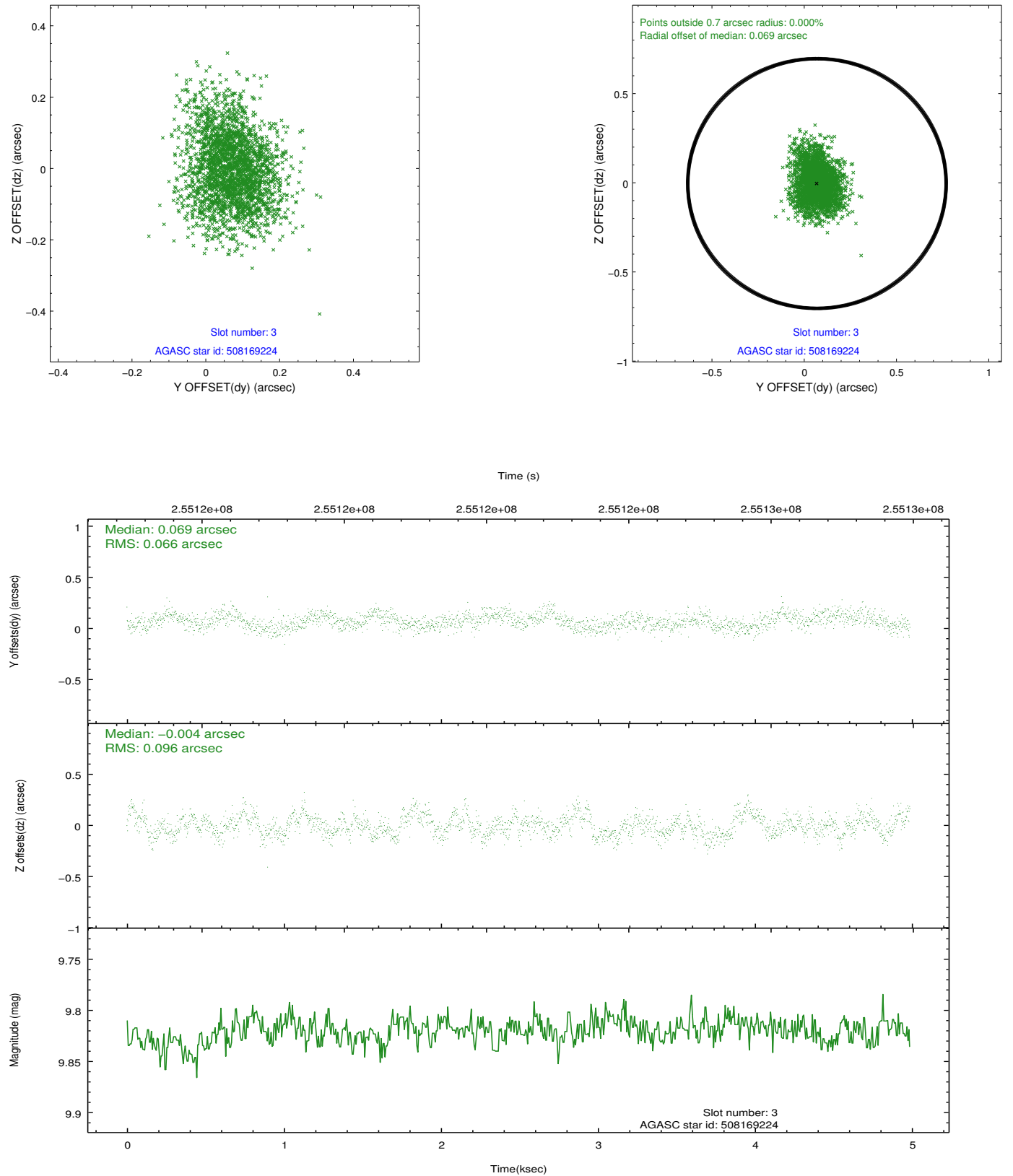


Slot Statistics

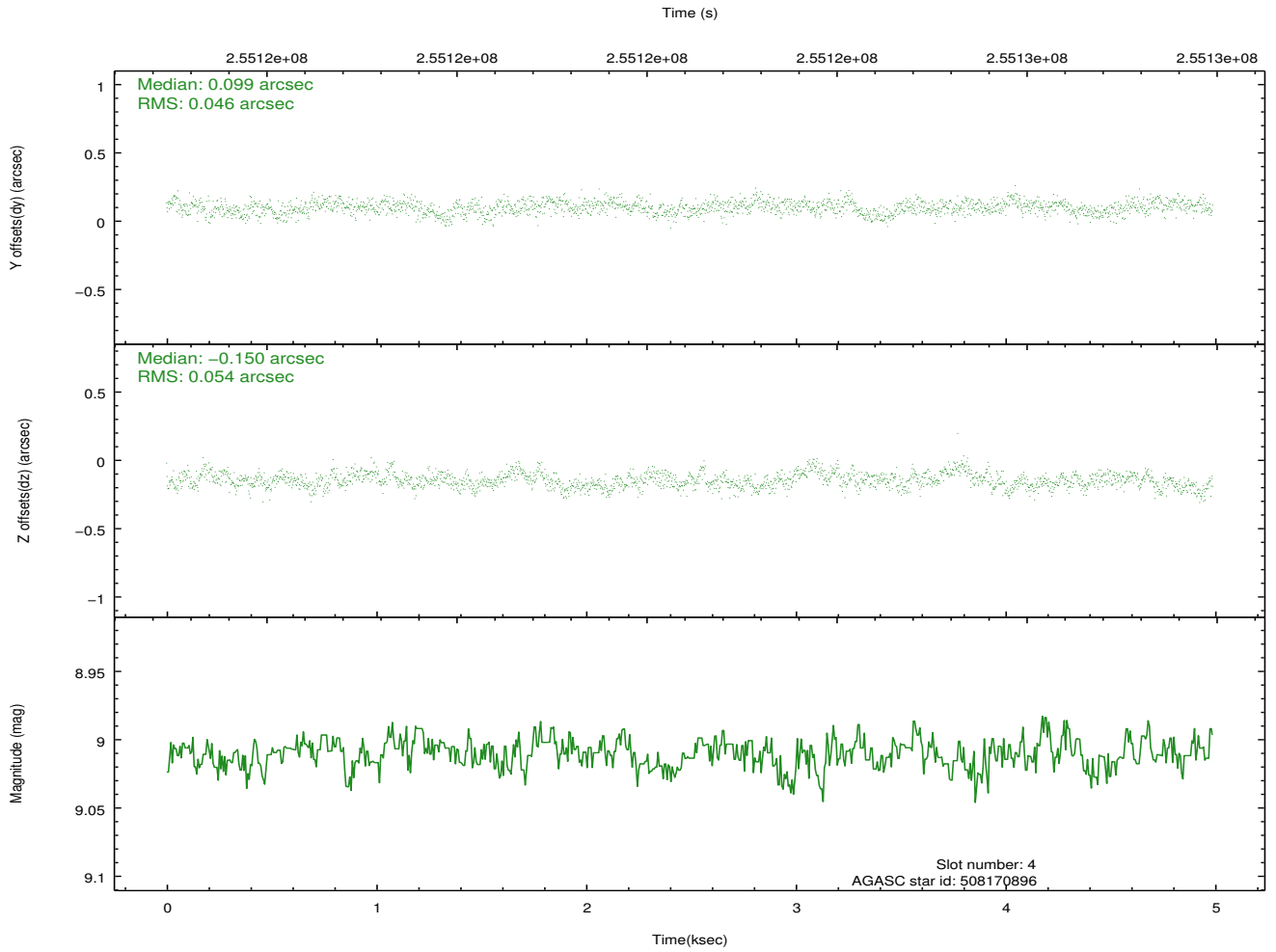
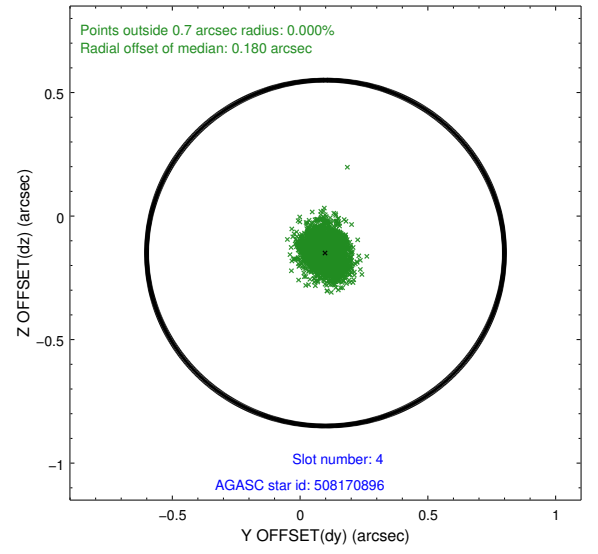
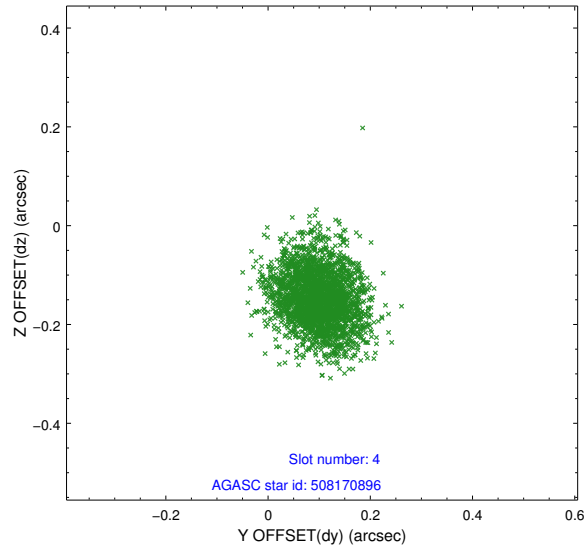
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	1217	-0.011	-0.056	0.008	0.014	0.000000	0.000000	931.53	-834.87
1	FID	ACIS-I-4	7.17	1217	0.148	0.067	0.008	0.013	0.000000	0.000000	2152.44	1064.43
2	FID	ACIS-I-5	7.22	1217	-0.235	0.059	0.007	0.011	0.000000	0.000000	-1815.10	1063.72
3	GUIDE	508169224	9.82	2429	0.069	-0.004	0.122	0.206	242.580277	53.826359	-417.45	-1735.19
4	GUIDE	508170896	9.01	2432	0.099	-0.150	0.076	0.123	242.052968	54.527984	1416.52	325.60
5	GUIDE	508172800	7.93	2434	-0.316	0.201	0.054	0.089	242.573753	54.657892	2294.23	-466.24
6	GUIDE	508173376	8.32	2434	-0.026	-0.160	0.074	0.118	241.134254	54.422412	288.12	1926.97
7	GUIDE	508181792	8.45	2433	0.177	0.109	0.055	0.089	241.580704	53.515038	-2319.07	-256.73

2.4 Star Slots

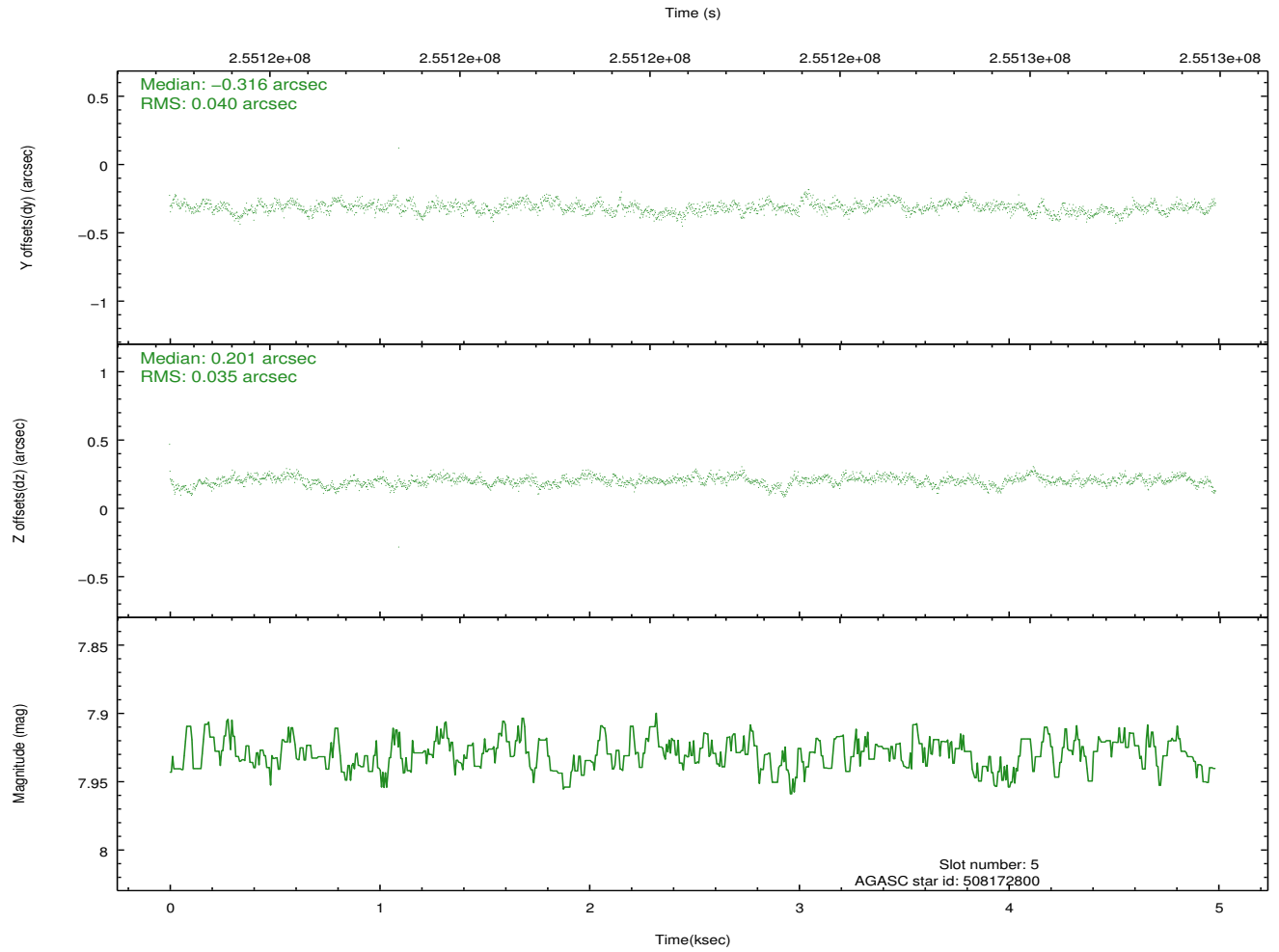
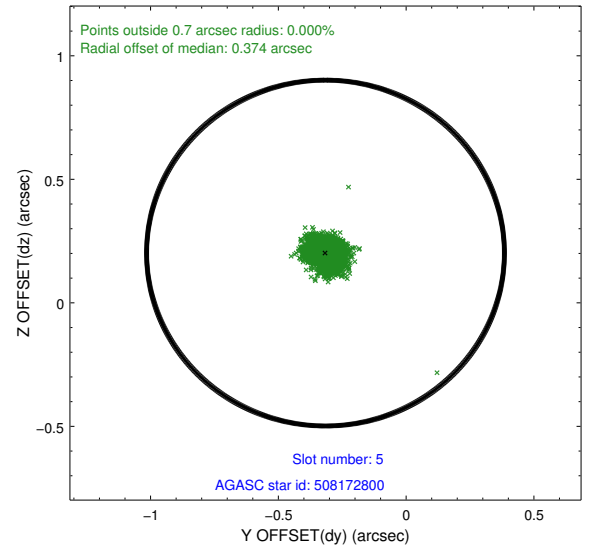
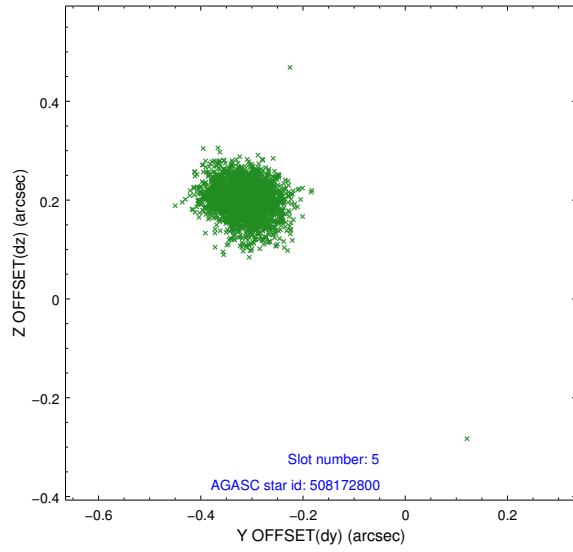
2.4.1 Slot 3



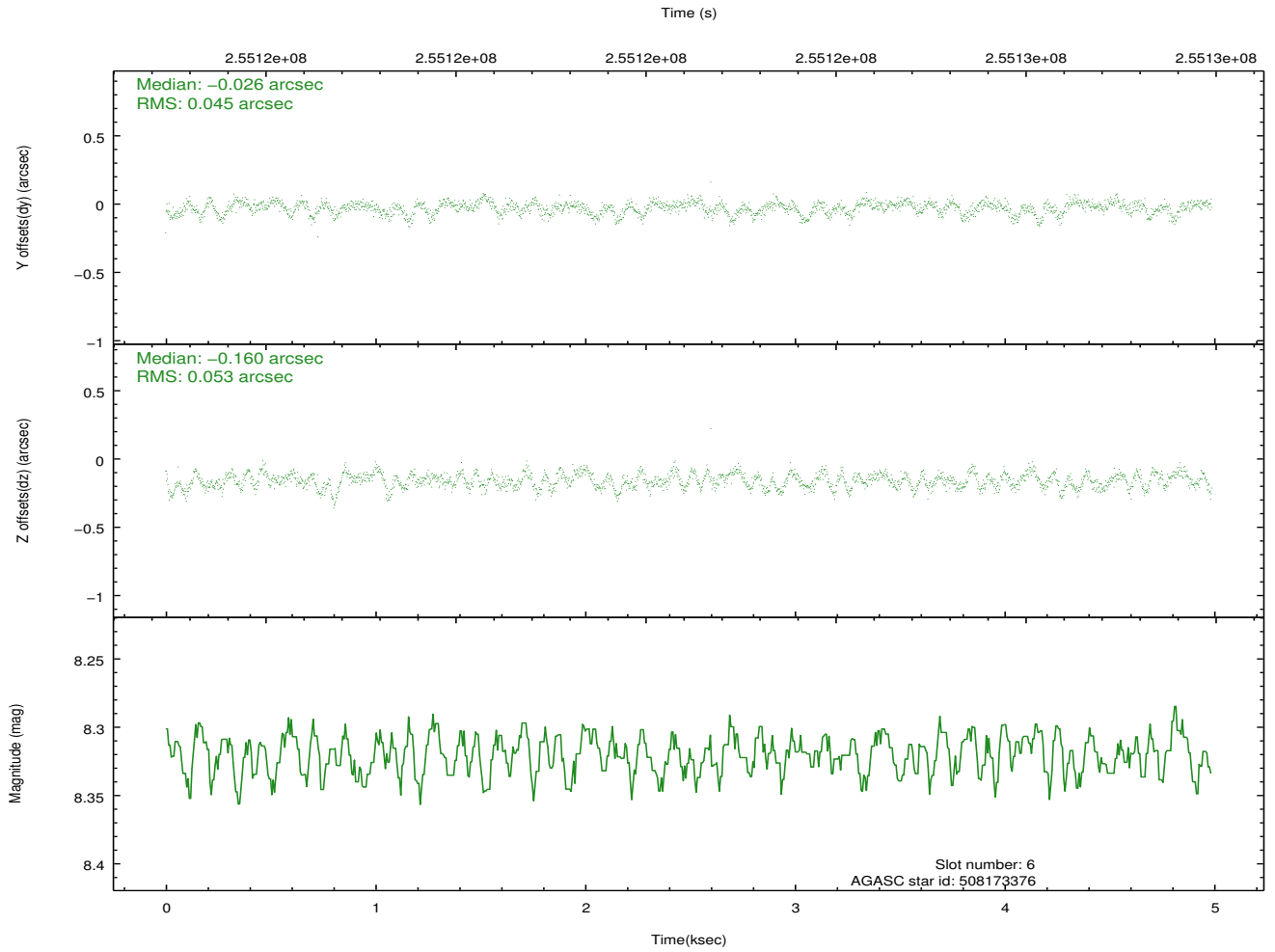
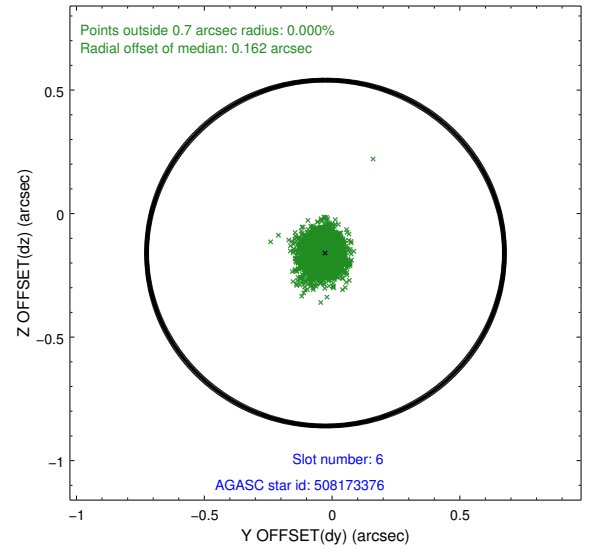
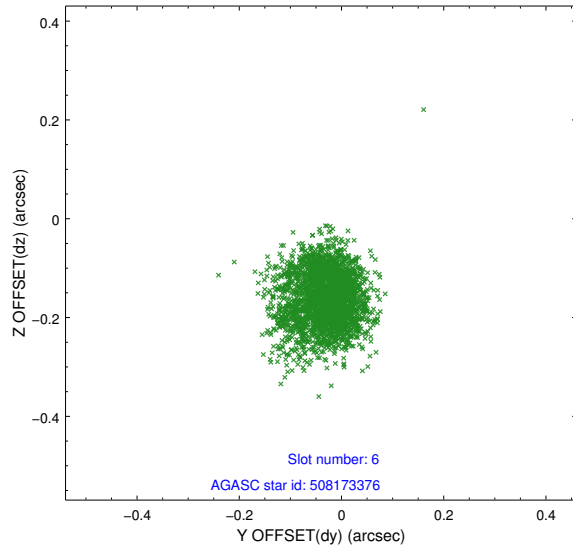
2.4.2 Slot 4



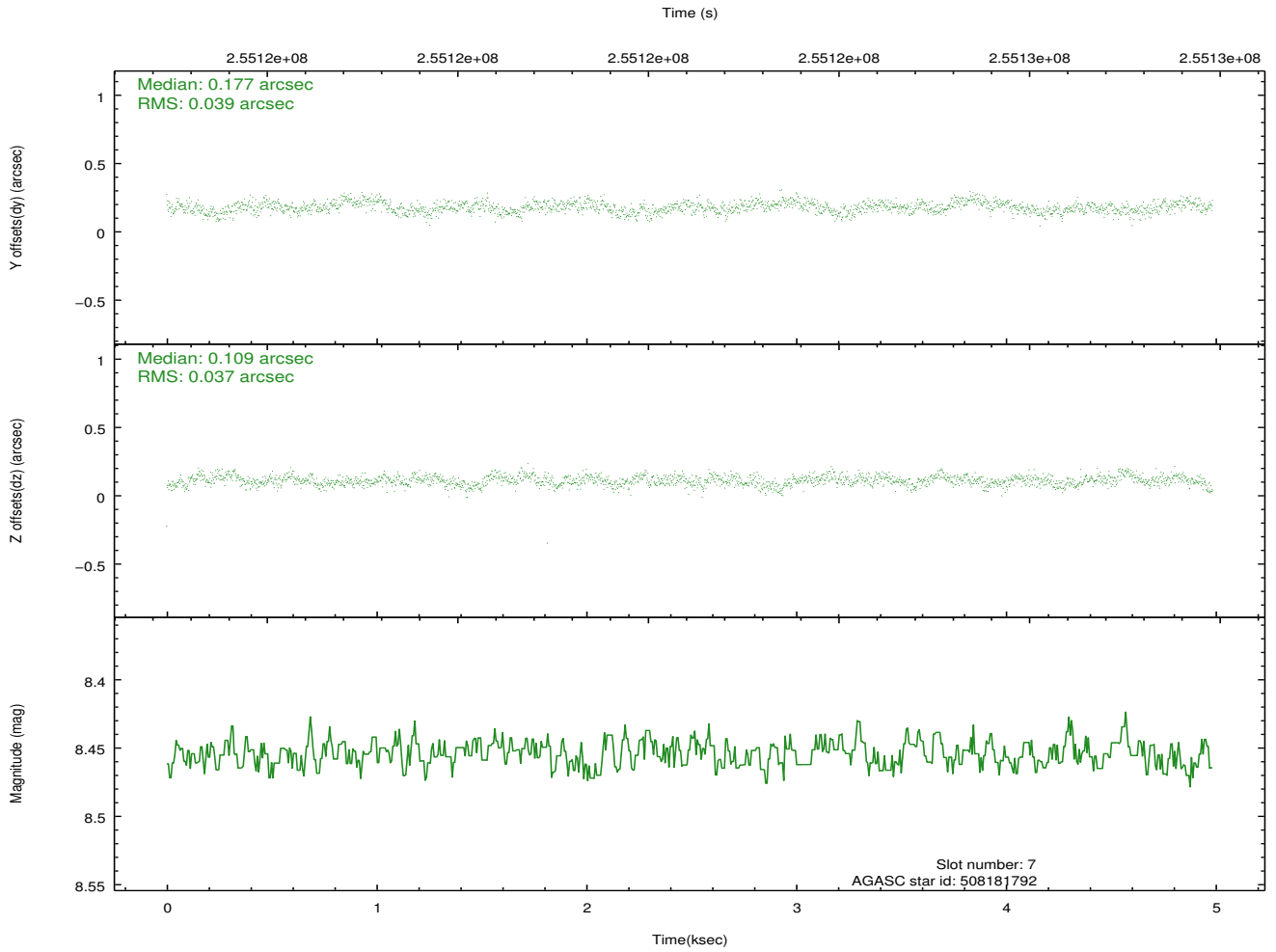
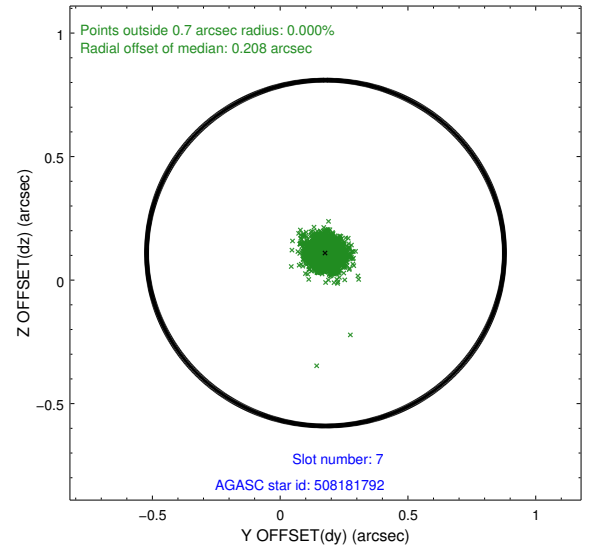
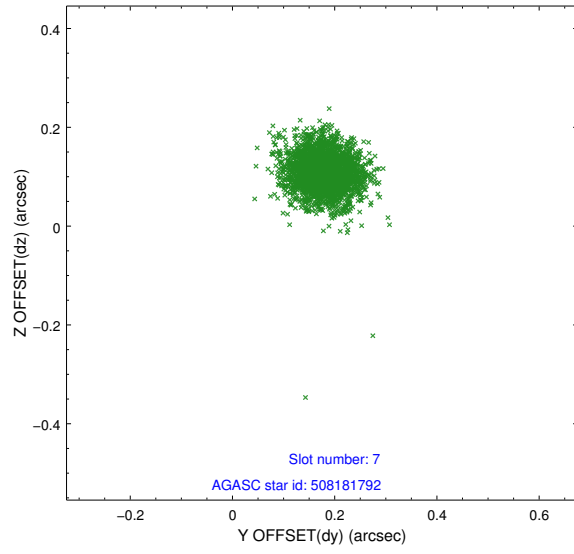
2.4.3 Slot 5



2.4.4 Slot 6

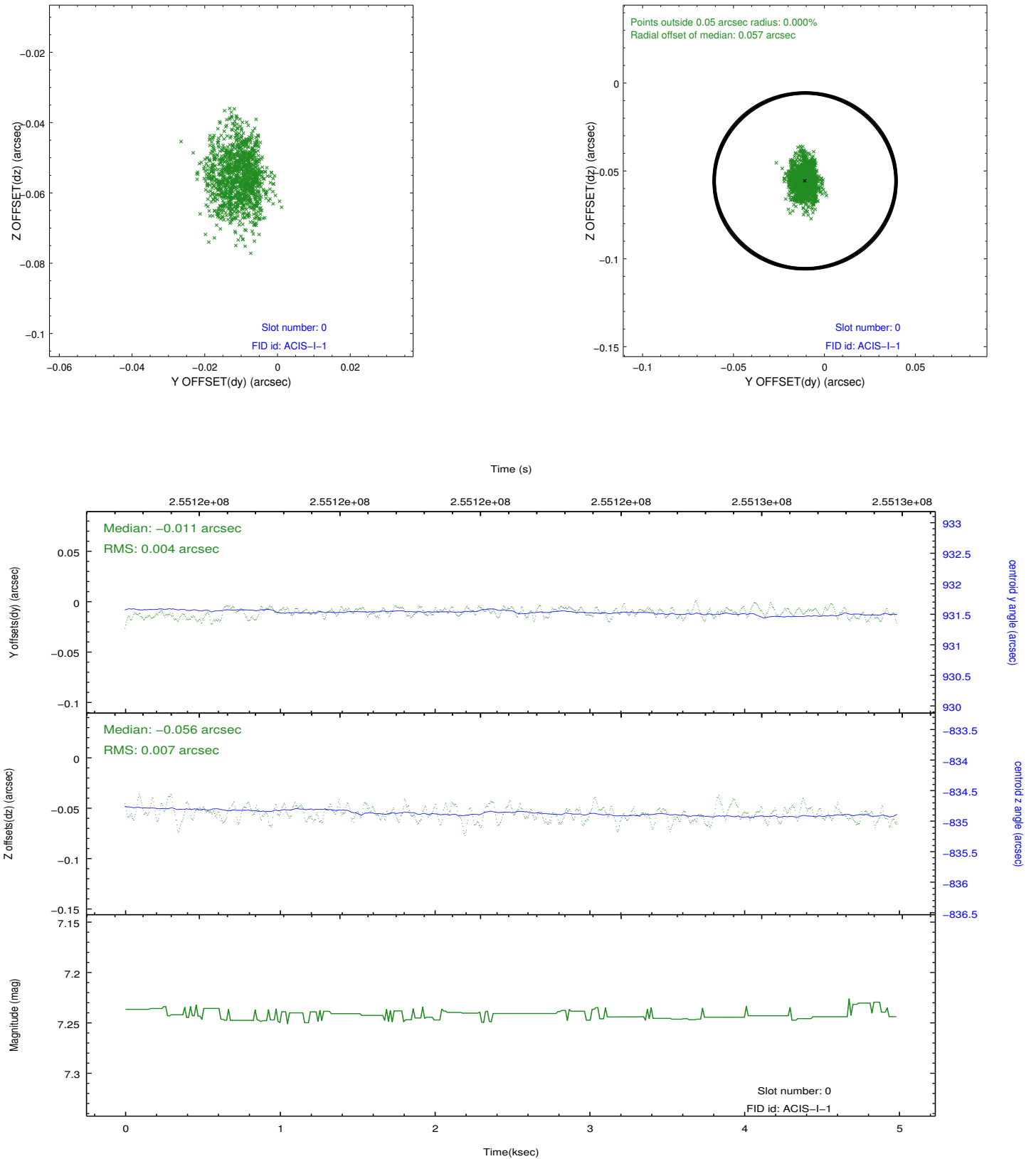


2.4.5 Slot 7

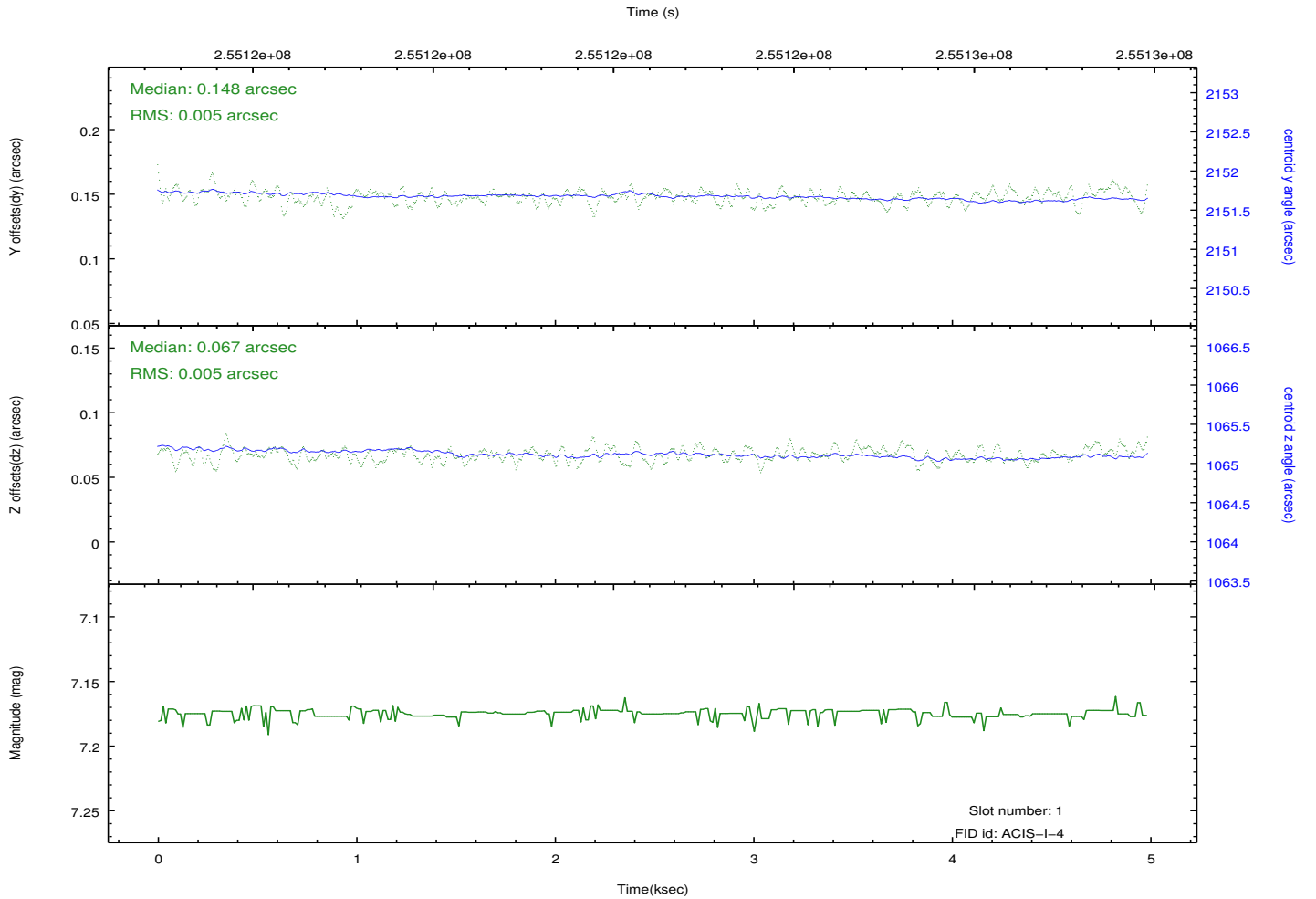
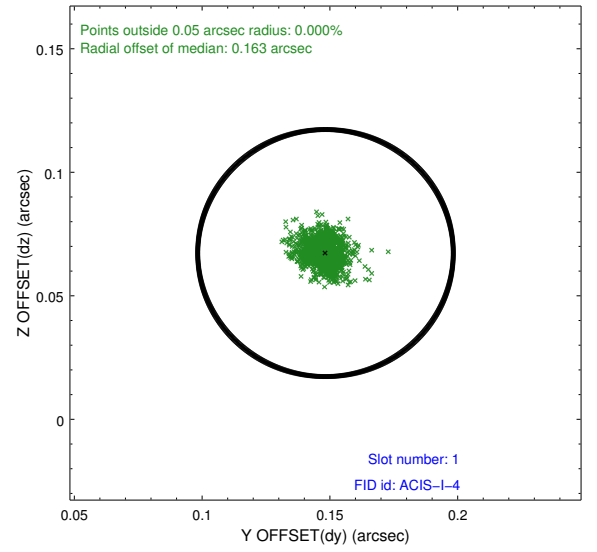
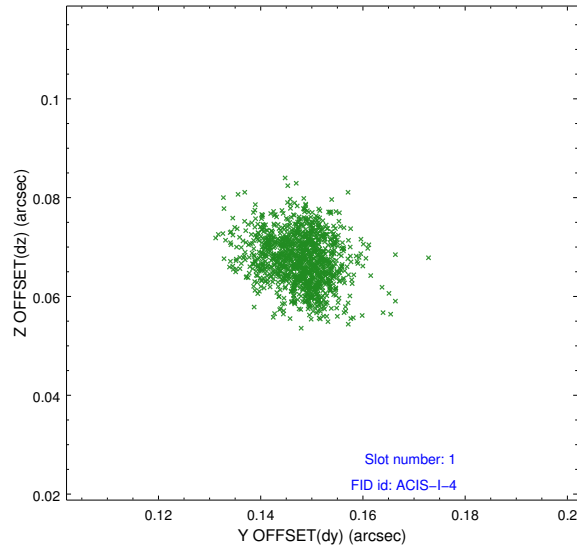


2.5 FID Slots

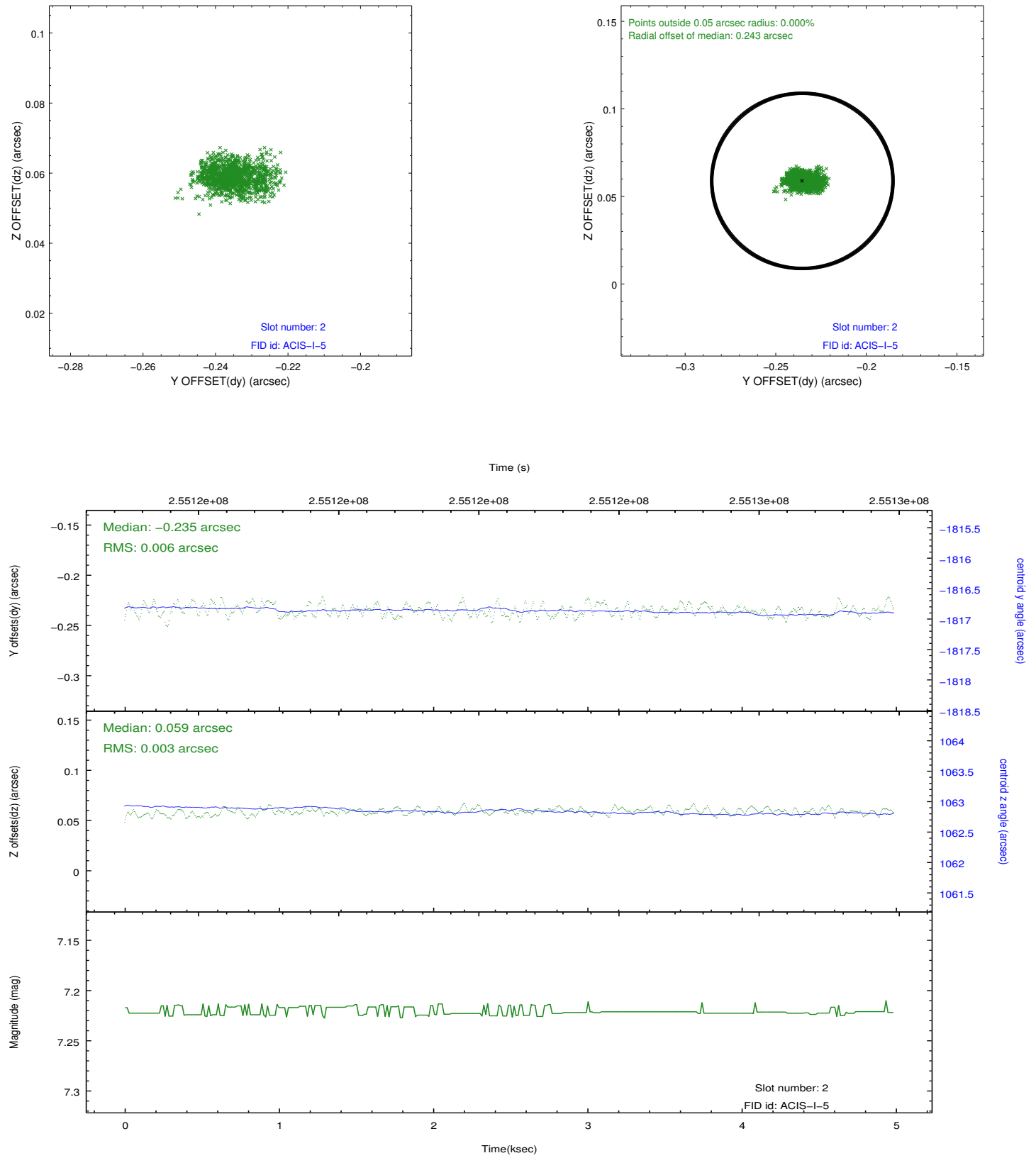
2.5.1 Slot 0



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	4.55679998

A.2 Comments