

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 5874 - L2 Version 2
Chandra X-Ray Center

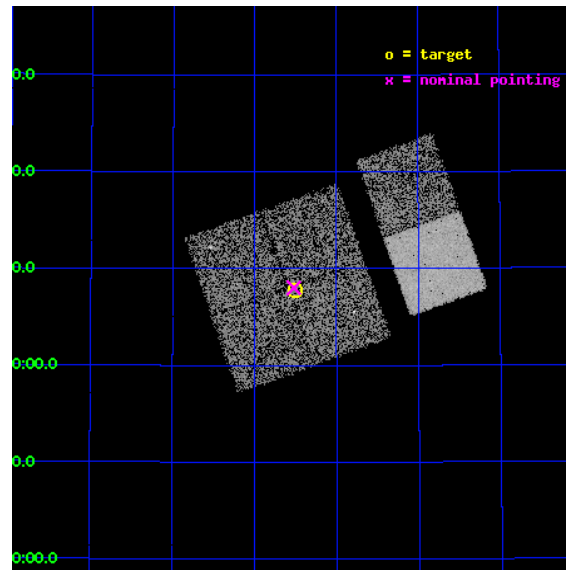
L2 Processing Date : Mar 24 2012

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1 Front

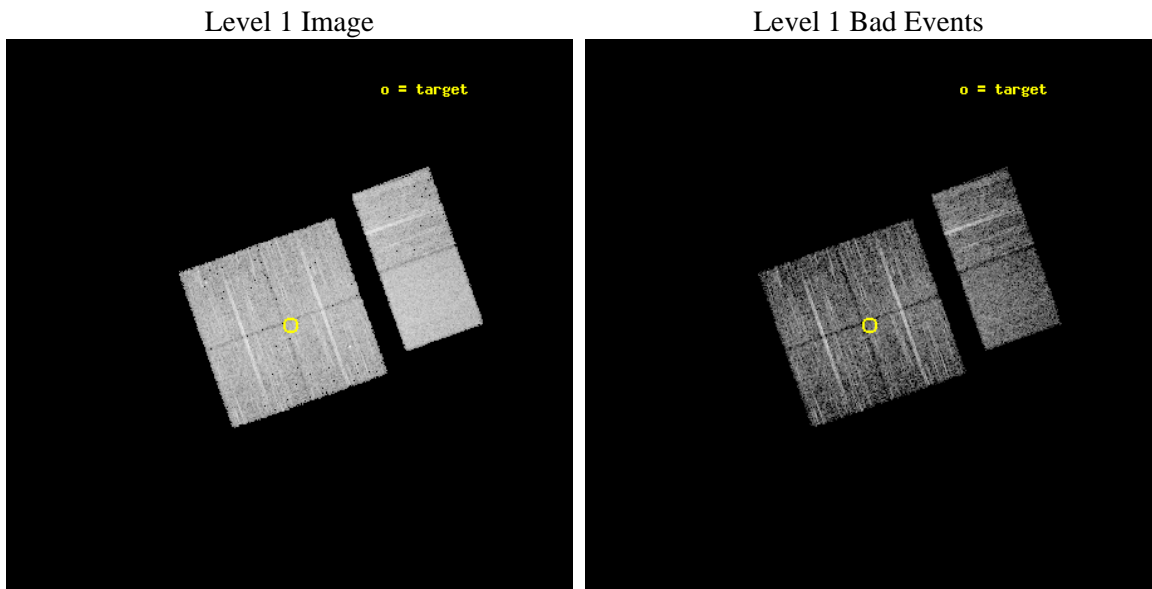
seq_num	900374	Sequence number
obs_id	5874	Observation id
title	The Spectral Energy Distributions of AGN: A Shallow Survey of the ELAIS-N1 Field	Proposal title
observer	Prof Kirpal Nandra	Principal investigator
object	N1_20	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	242.624583	Observer's specified target RA [deg]
dec_targ	55.130333	Observer's specified target Dec [deg]
ra_nom	242.62991364151	Nominal RA [deg]
dec_nom	55.133819386111	Nominal Dec [deg]
roll_nom	70.547968088838	Nominal Roll [deg]
revision	2	Processing version of data
ontime	4758.3999822736	Sum of GTIs [s]
livetime	4698.1462565335	Livetime [s]
ontime0	4758.3999822736	Sum of GTIs [s]
ontime1	4758.3999822736	Sum of GTIs [s]
ontime2	4758.3999822736	Sum of GTIs [s]
ontime3	4758.3999822736	Sum of GTIs [s]
ontime6	4755.1590119898	Sum of GTIs [s]
ontime7	4758.3999822736	Sum of GTIs [s]
l2events	42734	Number of level 2 events



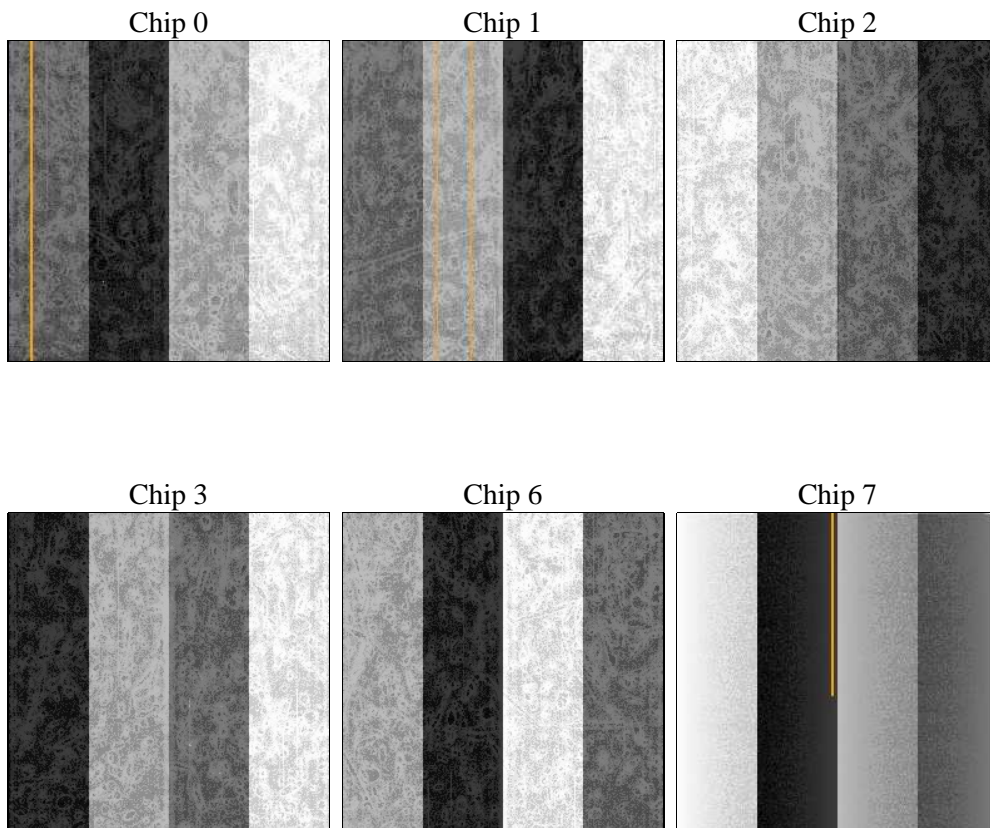
2 OBI

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	4758.3999822736	Sum of GTIs [s]
caldsver	4.4.8	 	ontime0	4758.3999822736	Sum of GTIs [s]
date	2012-03-25T00:12:21	Date and time of file creation	ontime1	4758.3999822736	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	4758.3999822736	Sum of GTIs [s]
			ontime3	4758.3999822736	Sum of GTIs [s]
			ontime6	4755.1590119898	Sum of GTIs [s]
			ontime7	4758.3999822736	Sum of GTIs [s]
			l1events	249186	Number of level 1 events

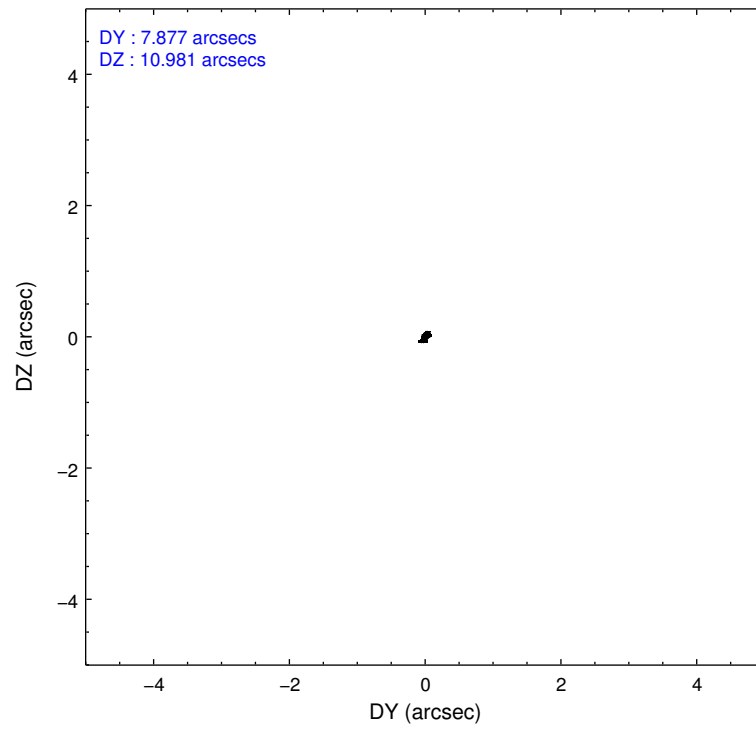
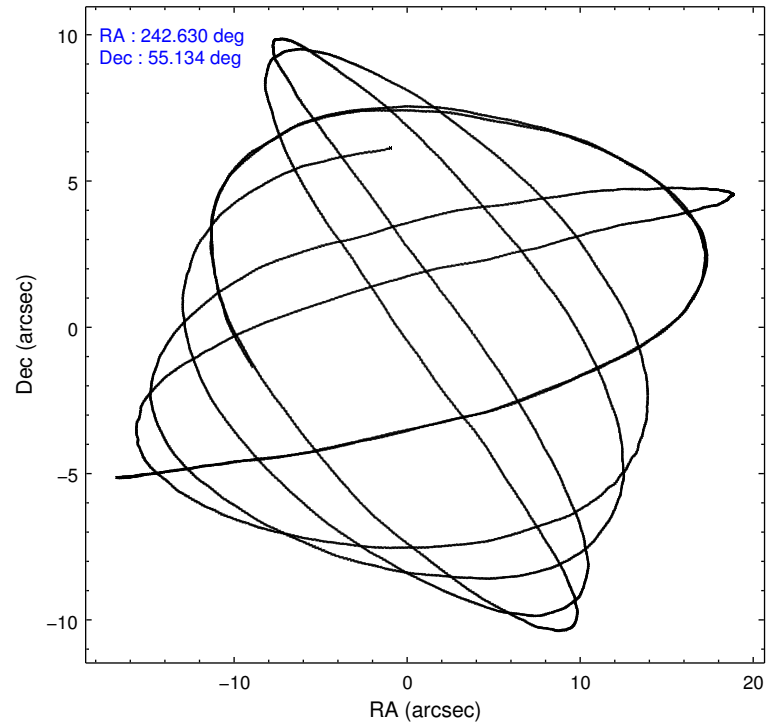
2.1.4 Events

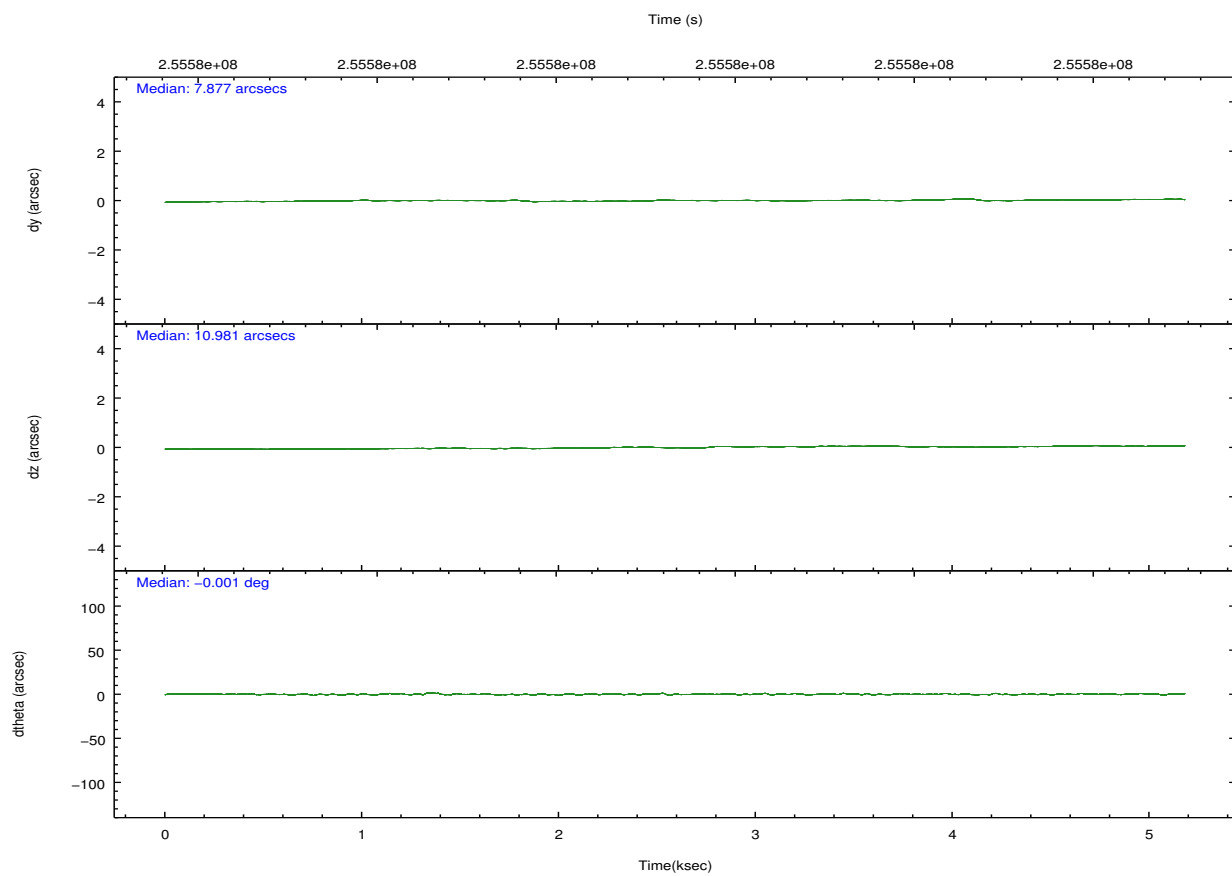
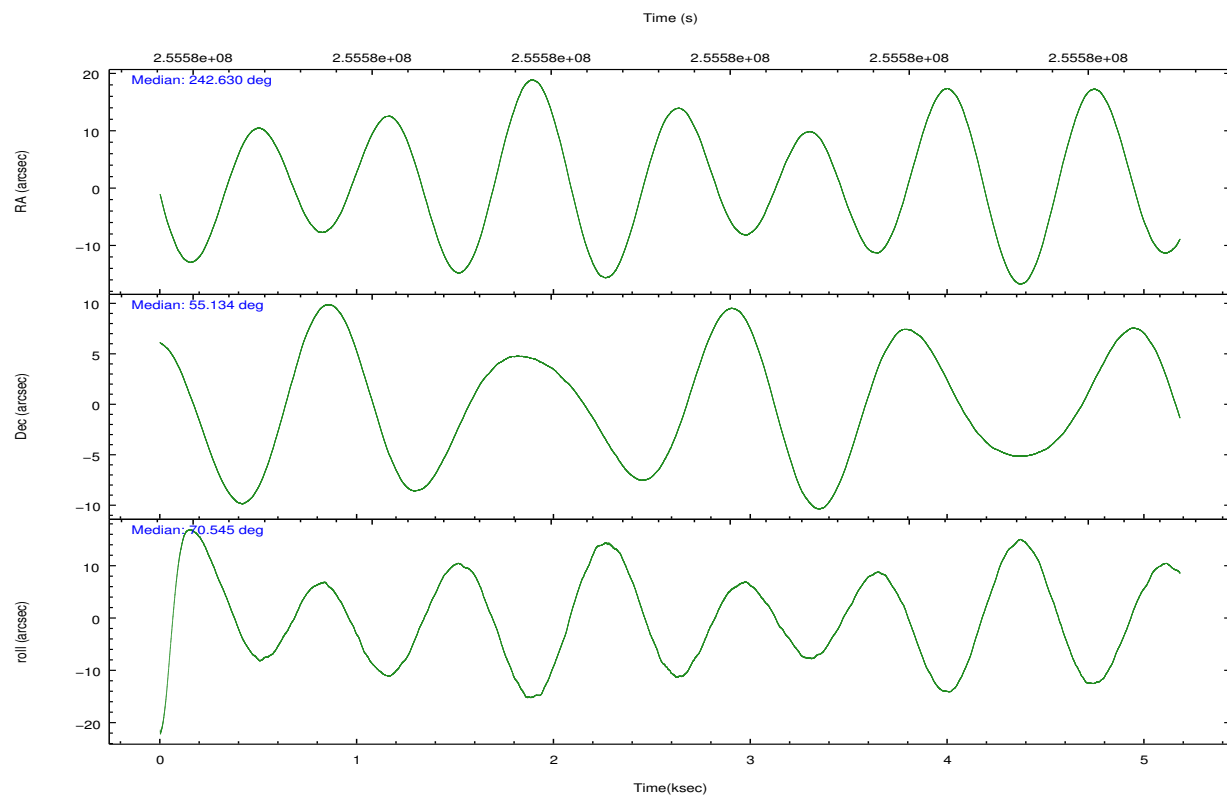
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	37404	36644	39784	39237	41730	54387	grade 0 events	2189	1875	2085	2142	1843	2003
rejected events	32467	31890	35106	34368	37036	31739		5%	5%	5%	5%	4%	3%
rejected %	86%	87%	88%	87%	88%	58%	grade 1 events	17	24	34	24	20	64
								0%	0%	0%	0%	0%	0%
							grade 2 events	1028	1072	962	955	1008	4624
								2%	2%	2%	2%	2%	8%
							grade 3 events	441	462	430	475	478	1948
								1%	1%	1%	1%	1%	3%
							grade 4 events	436	417	457	471	436	1942
								1%	1%	1%	1%	1%	3%
							grade 5 events	1557	1689	1461	1821	1887	5182
								4%	4%	3%	4%	4%	9%
							grade 6 events	846	935	748	836	940	12155
								2%	2%	1%	2%	2%	22%
							grade 7 events	30890	30170	33607	32513	35118	26469
								82%	82%	84%	82%	84%	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	242.639004	242.6299136415131	Subarray requested	NONE	NONE
[deg] Pointing Dec	55.106848	55.13381938611091	Alternating exposures requested	N	N
[deg] Pointing Roll	70.331824	70.54796808883795	[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)	255575255.184000	255574879.02281			
Observation start date	2006-02-06T01:06:30	2006-02-06T01:01:19			
[s] Observation end time (MET)	255580255.184000	255581259.13561			
Observation end date	2006-02-06T02:29:50	2006-02-06T02:47:39			
Read mode	TIMED	TIMED			

2.3 Aspect



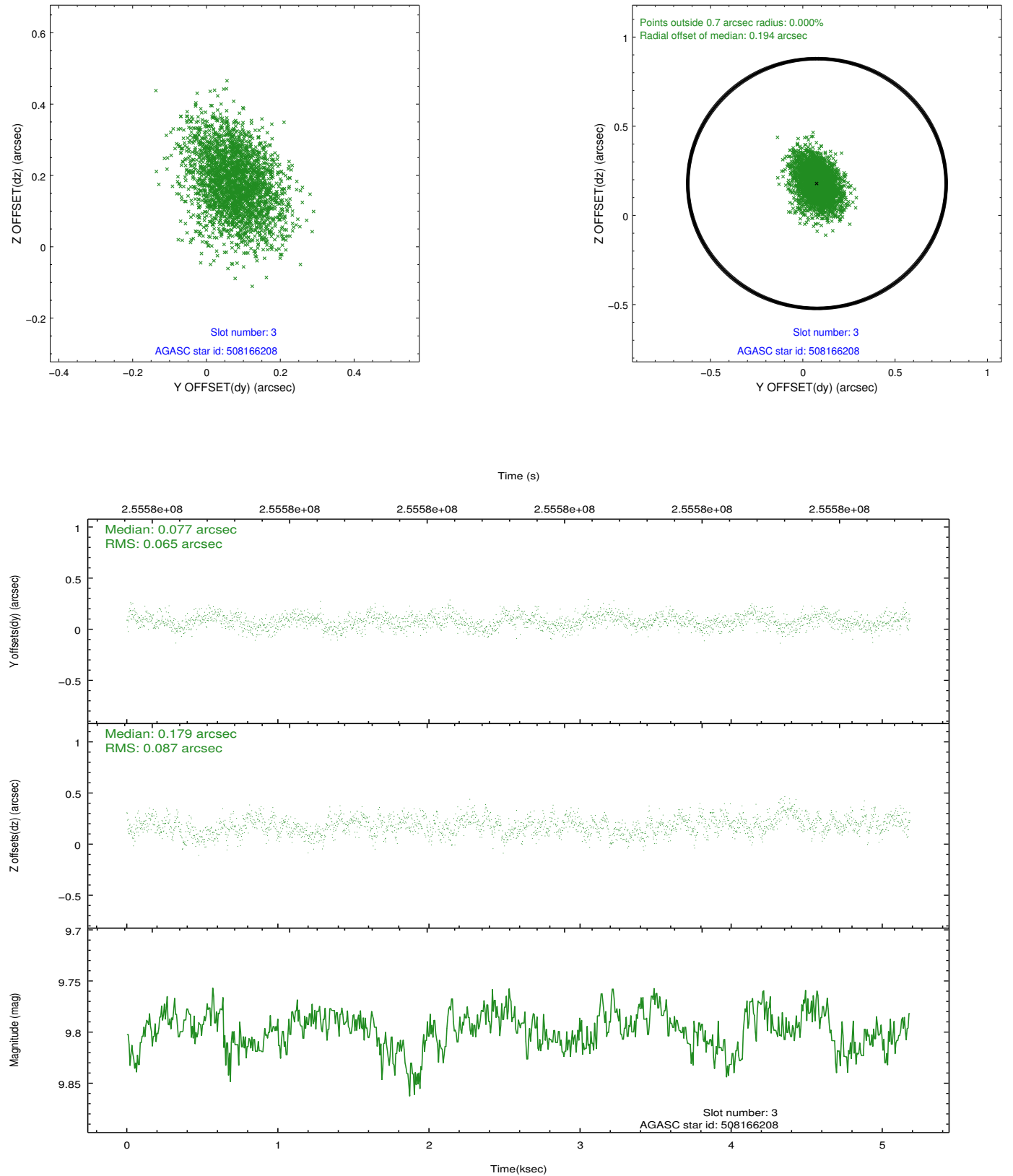


Slot Statistics

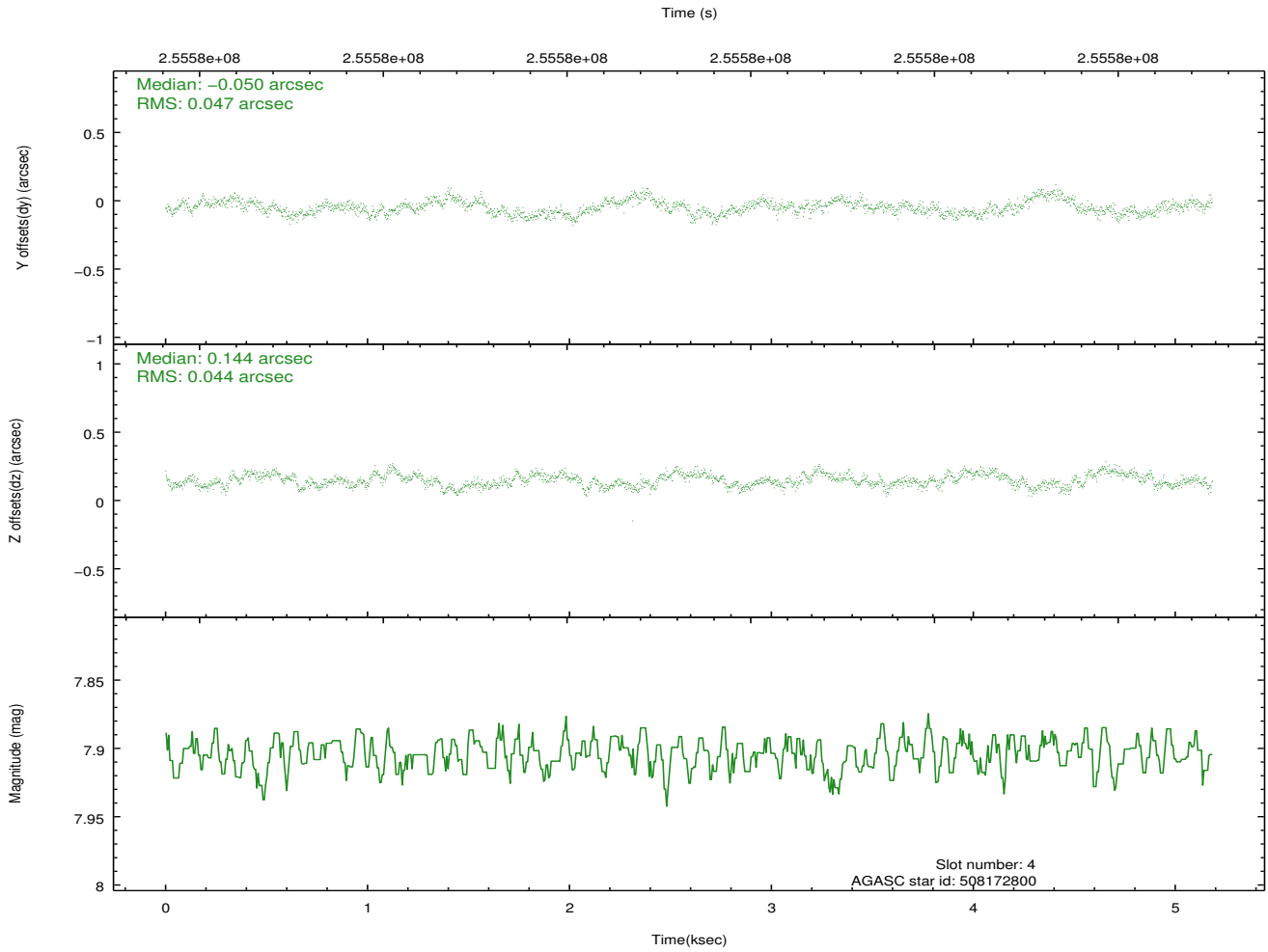
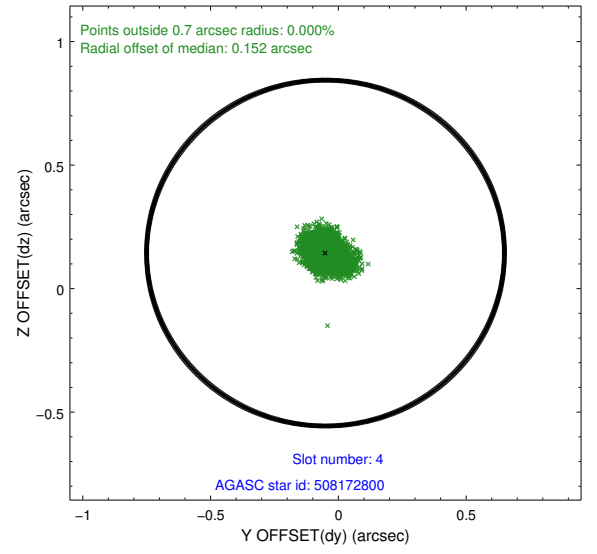
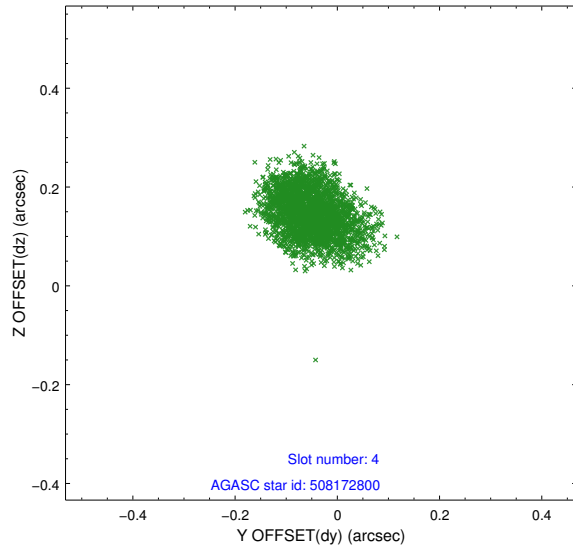
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	1264	0.051	-0.039	0.008	0.016	0.000000	0.000000	931.82	-834.52
1	FID	ACIS-I-5	7.22	1264	-0.193	0.056	0.008	0.015	0.000000	0.000000	-1815.85	1062.52
2	FID	ACIS-I-6	7.25	1264	0.050	0.053	0.009	0.015	0.000000	0.000000	396.14	1708.31
3	GUIDE	508166208	9.80	2528	0.077	0.179	0.115	0.192	243.617118	54.978511	258.51	-2053.77
4	GUIDE	508172800	7.90	2527	-0.050	0.144	0.070	0.109	242.573753	54.657892	-1567.50	-417.01
5	GUIDE	508573872	8.69	2526	-0.022	-0.072	0.115	0.183	241.738816	55.437101	511.31	2134.92
6	GUIDE	508577144	6.32	2529	-0.217	-0.170	0.083	0.133	242.358224	55.828977	2258.07	1410.80
7	GUIDE	508170896	9.00	2528	0.209	-0.085	0.074	0.126	242.052968	54.527984	-2368.44	453.34

2.4 Star Slots

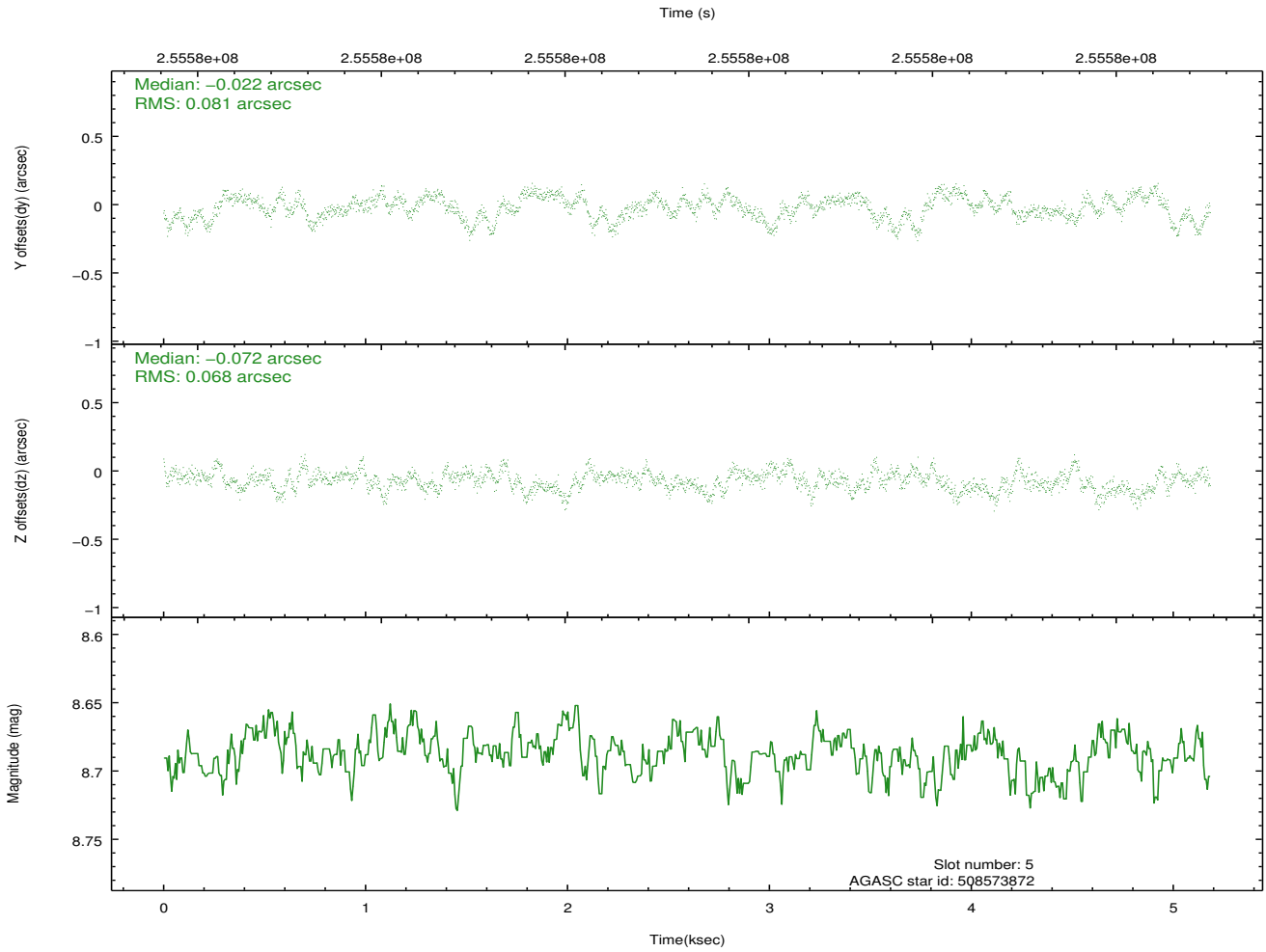
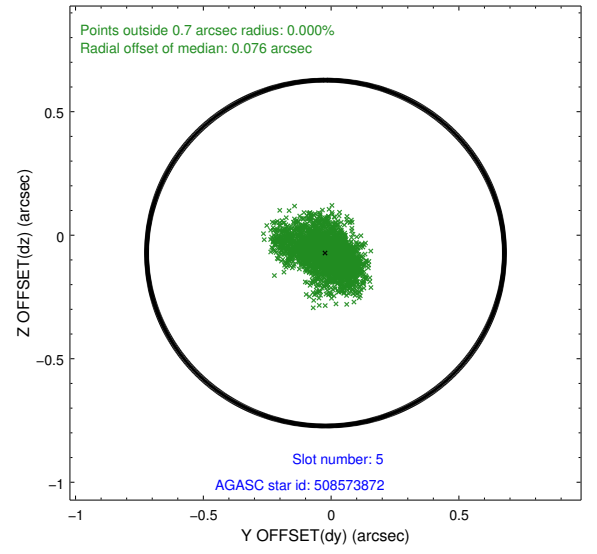
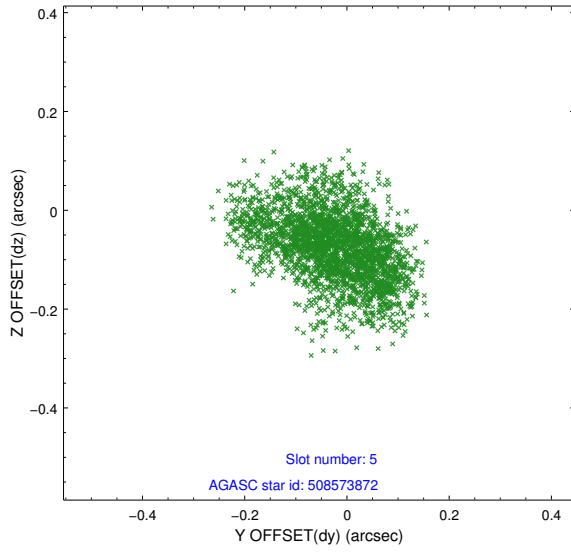
2.4.1 Slot 3



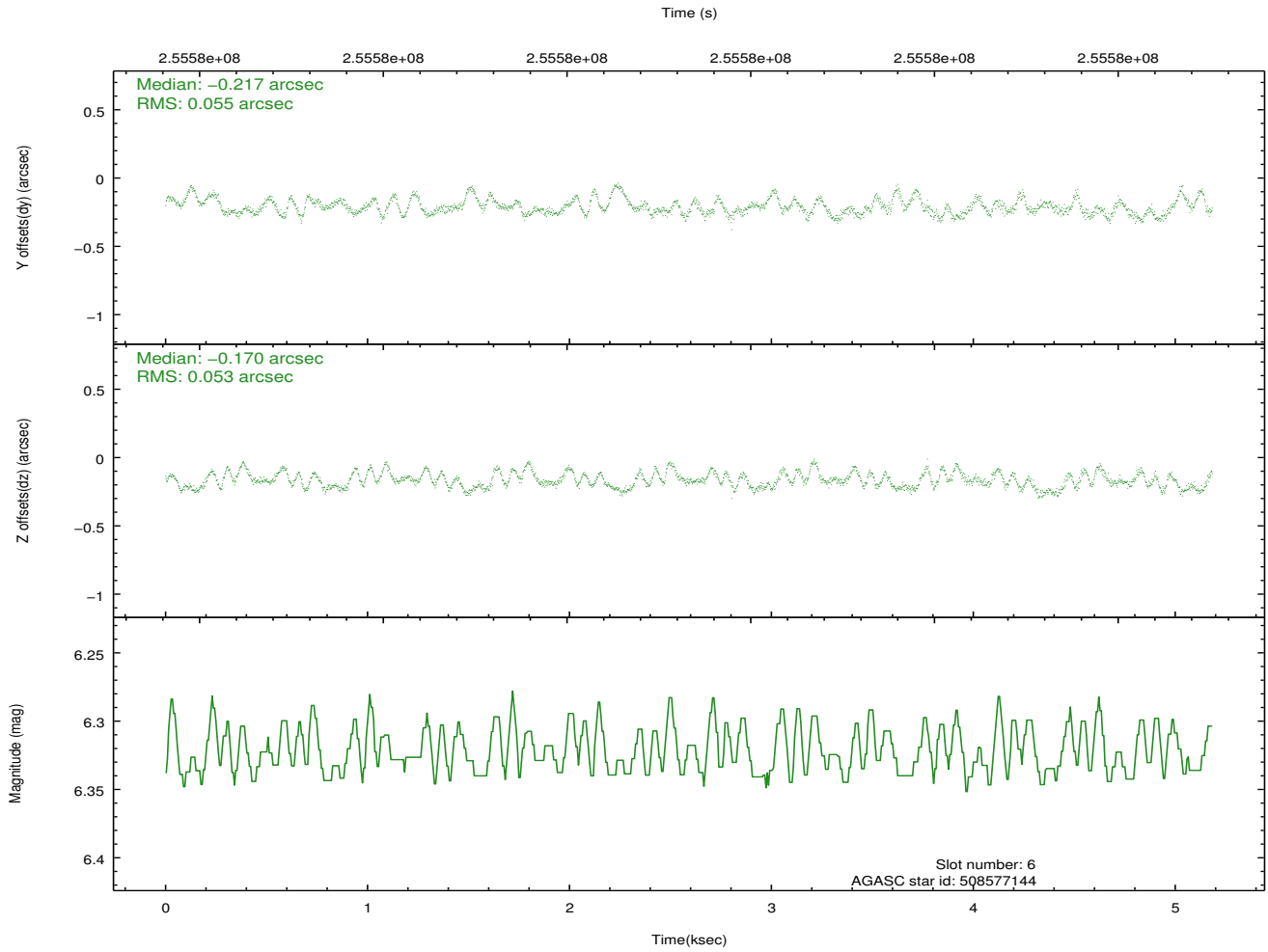
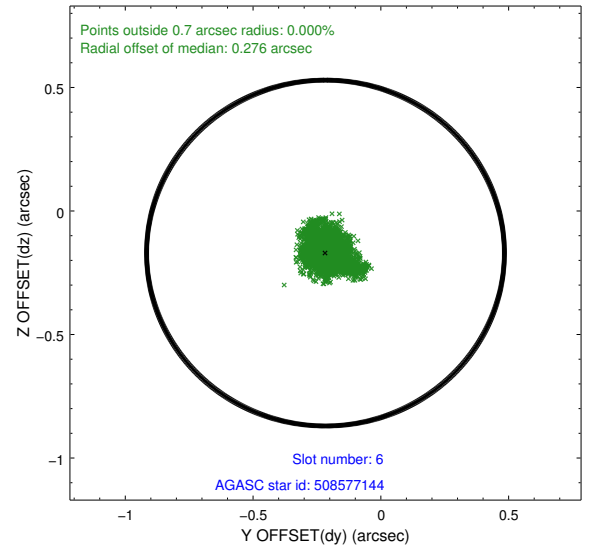
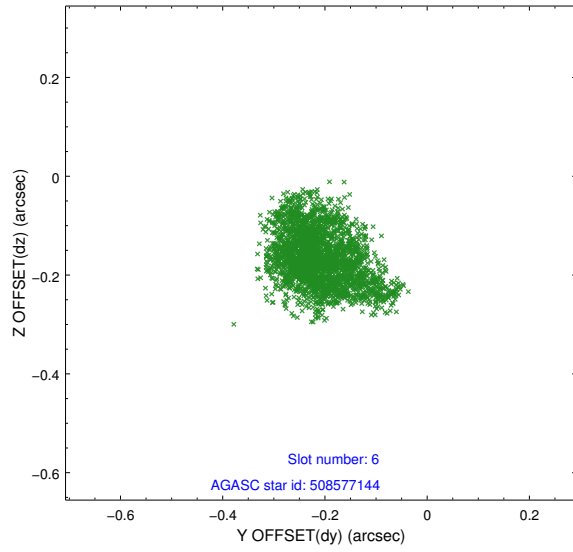
2.4.2 Slot 4



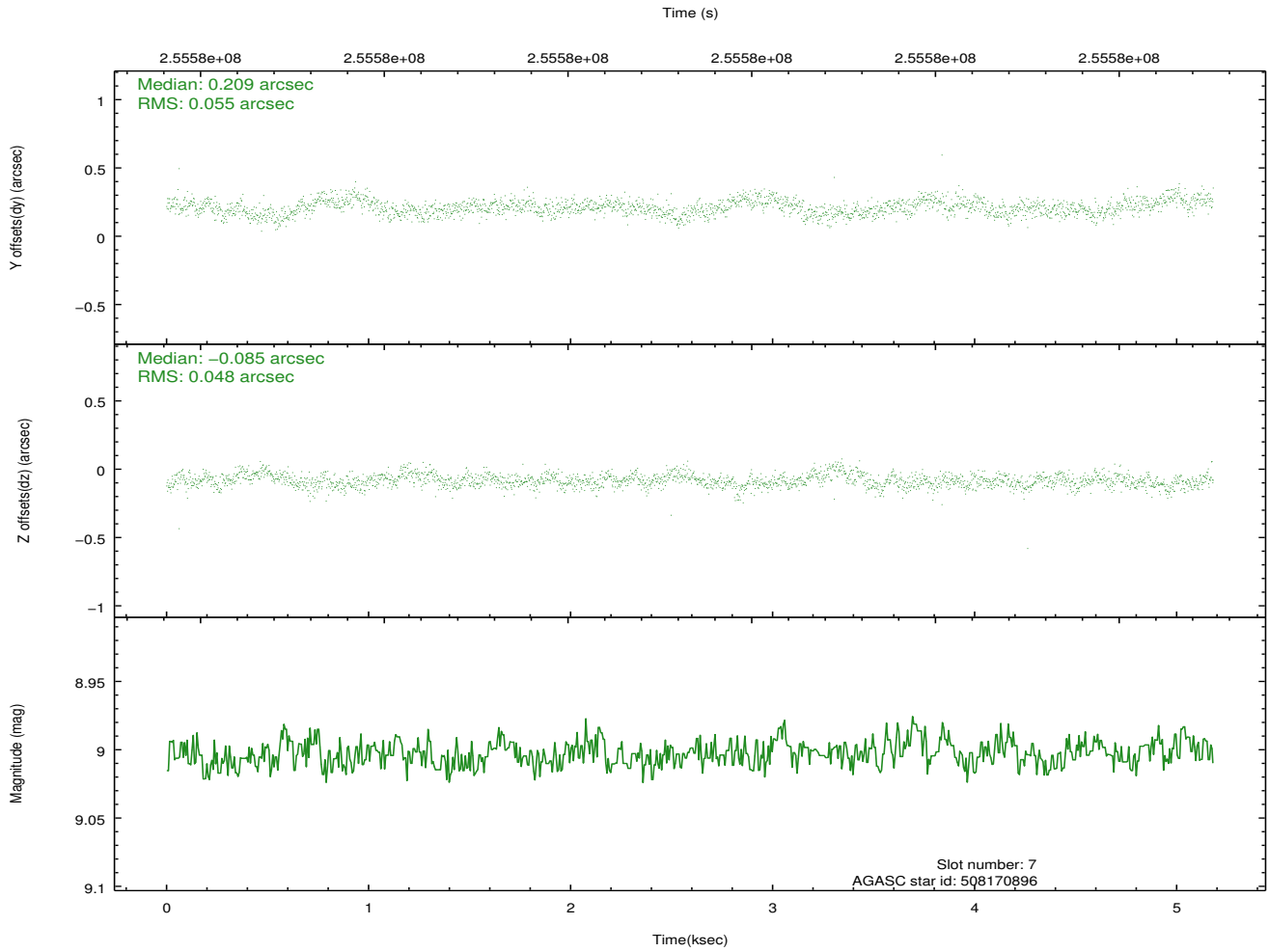
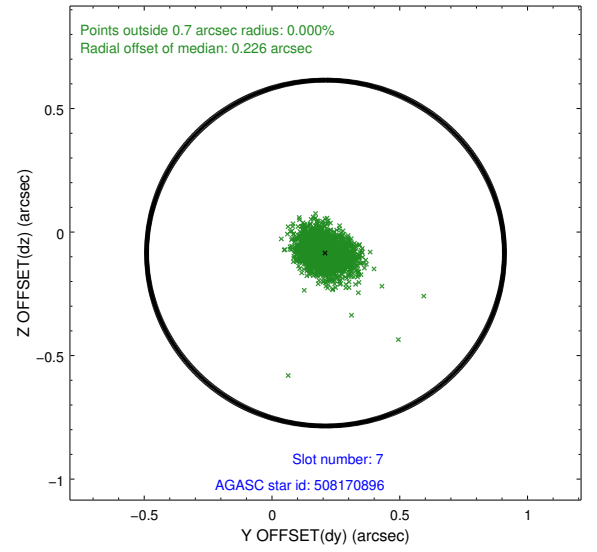
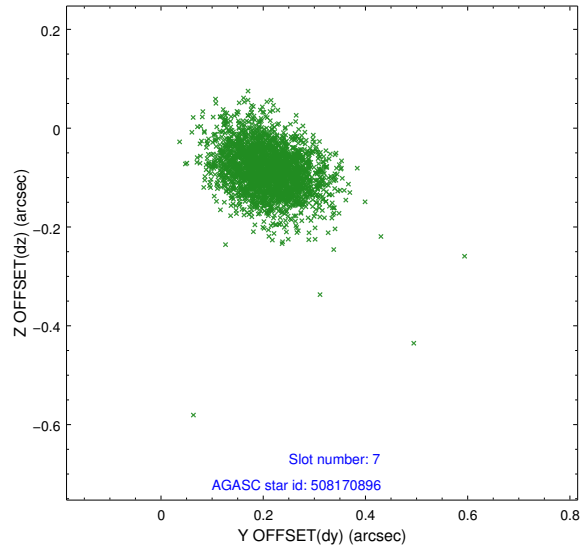
2.4.3 Slot 5



2.4.4 Slot 6

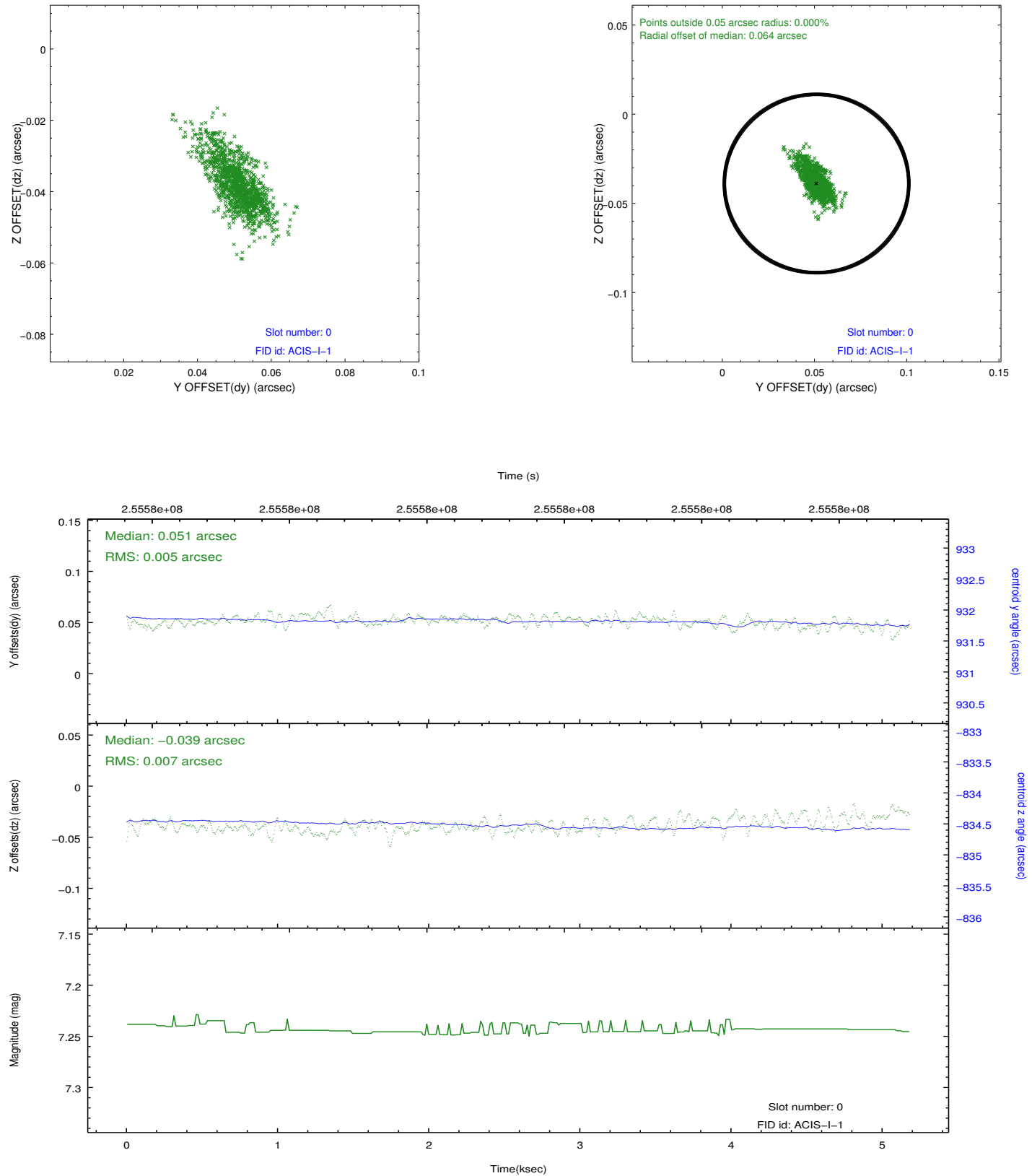


2.4.5 Slot 7

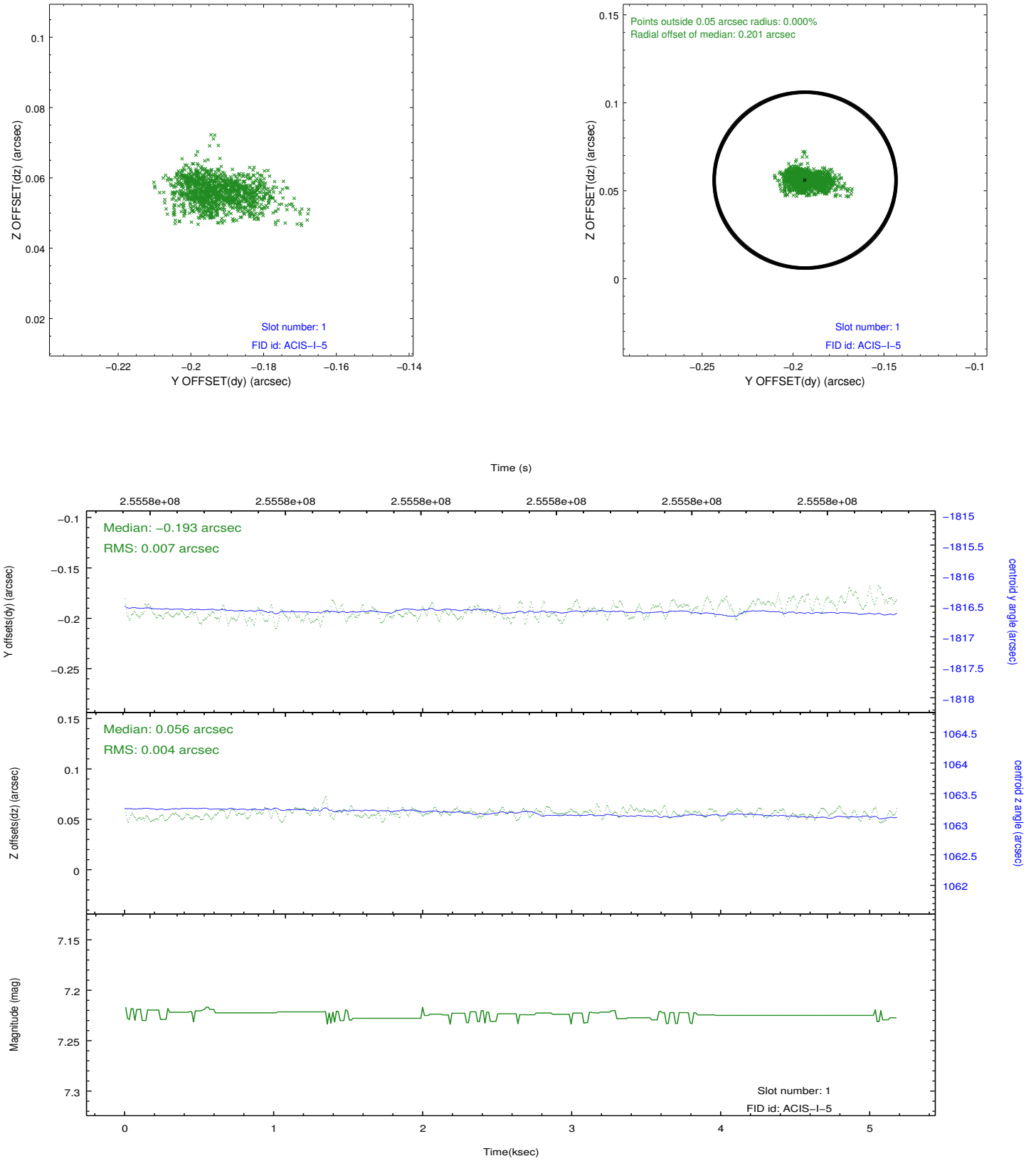


2.5 FID Slots

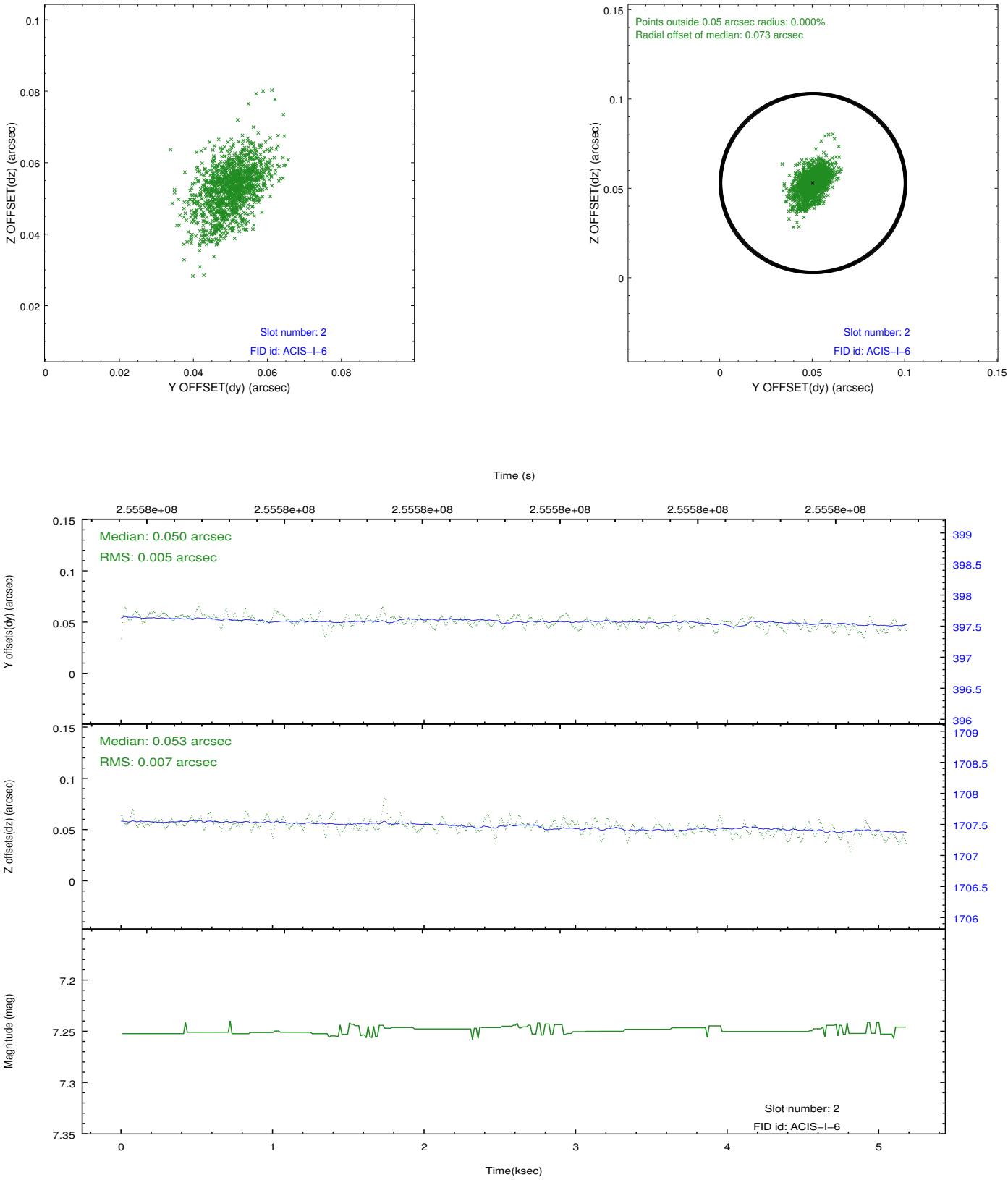
2.5.1 Slot 0



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	4.75839998

A.2 Comments