

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 5883 - L2 Version 2
Chandra X-Ray Center

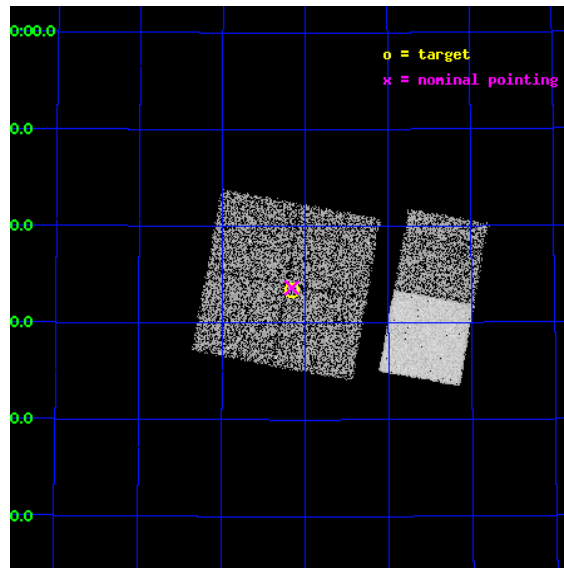
L2 Processing Date : Mar 27 2012

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1 Front

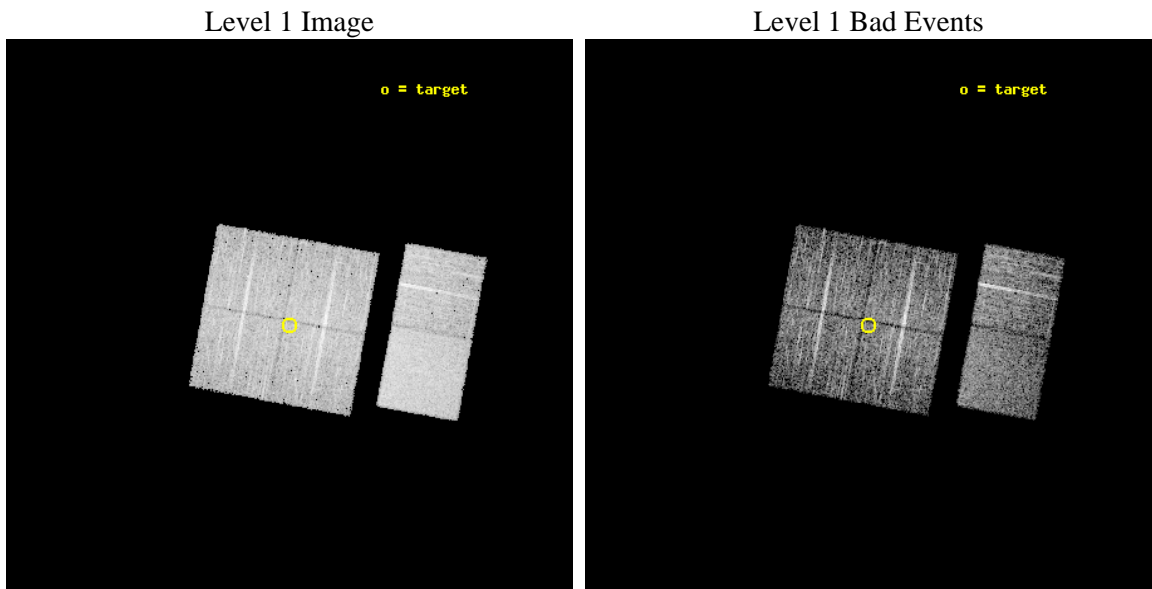
seq_num	900383	Sequence number
obs_id	5883	Observation id
title	The Spectral Energy Distributions of AGN: A Shallow Survey of the ELAIS-N1 Field	Proposal title
observer	Prof Kirpal Nandra	Principal investigator
object	N1_29	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	243.288333	Observer's specified target RA [deg]
dec_targ	54.556194	Observer's specified target Dec [deg]
ra_nom	243.29011322547	Nominal RA [deg]
dec_nom	54.56074029369	Nominal Dec [deg]
roll_nom	100.39407717717	Nominal Roll [deg]
revision	2	Processing version of data
ontime	4655.9590023756	Sum of GTIs [s]
livetime	4597.0024460056	Livetime [s]
ontime0	4659.1999826431	Sum of GTIs [s]
ontime1	4659.1999826431	Sum of GTIs [s]
ontime2	4655.9590023756	Sum of GTIs [s]
ontime3	4655.9590023756	Sum of GTIs [s]
ontime6	4659.1999826431	Sum of GTIs [s]
ontime7	4659.1999826431	Sum of GTIs [s]
l2events	43707	Number of level 2 events



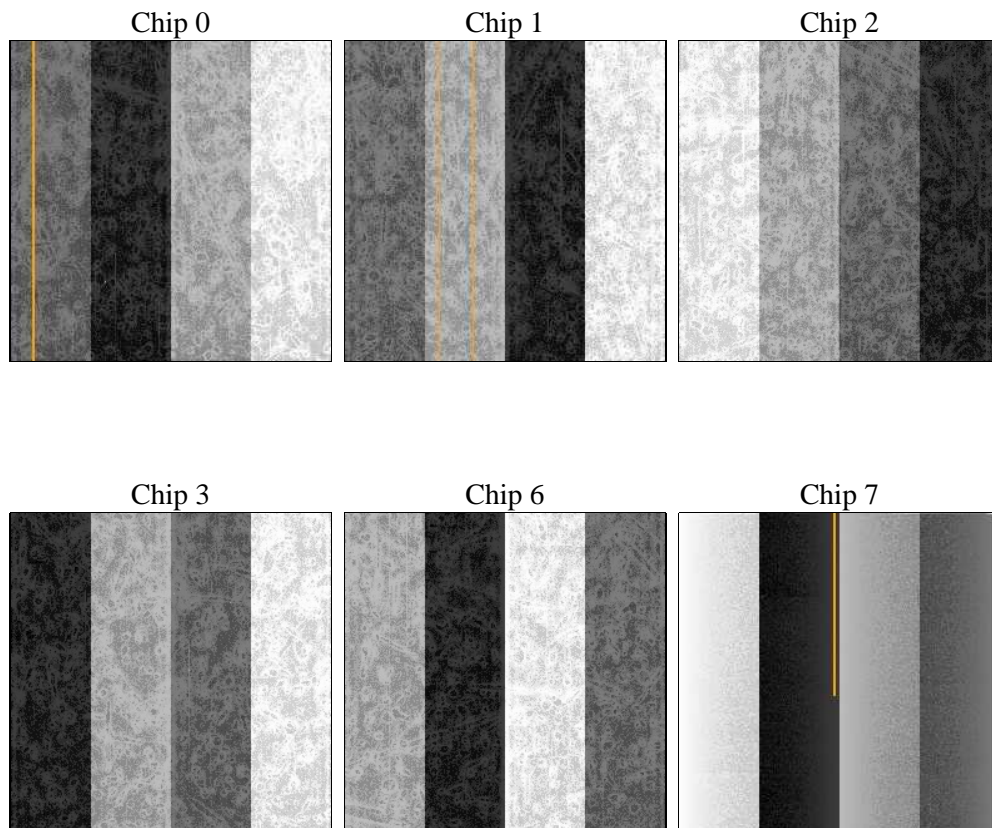
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	4900.000000	[s] Scheduled observation exposure time
ascdsver	8.4.3	Processing system revision	ontime	4655.9590023756	Sum of GTIs [s]
caldsver	4.4.8	 	ontime0	4659.1999826431	Sum of GTIs [s]
date	2012-03-27T05:16:58	Date and time of file creation	ontime1	4659.1999826431	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	4655.9590023756	Sum of GTIs [s]
			ontime3	4655.9590023756	Sum of GTIs [s]
			ontime6	4659.1999826431	Sum of GTIs [s]
			ontime7	4659.1999826431	Sum of GTIs [s]
			l1events	251562	Number of level 1 events

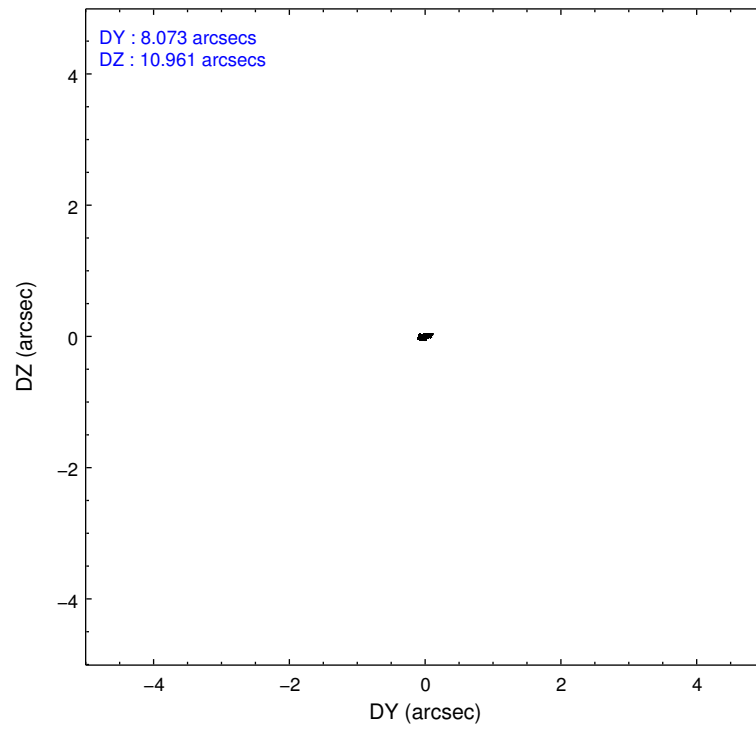
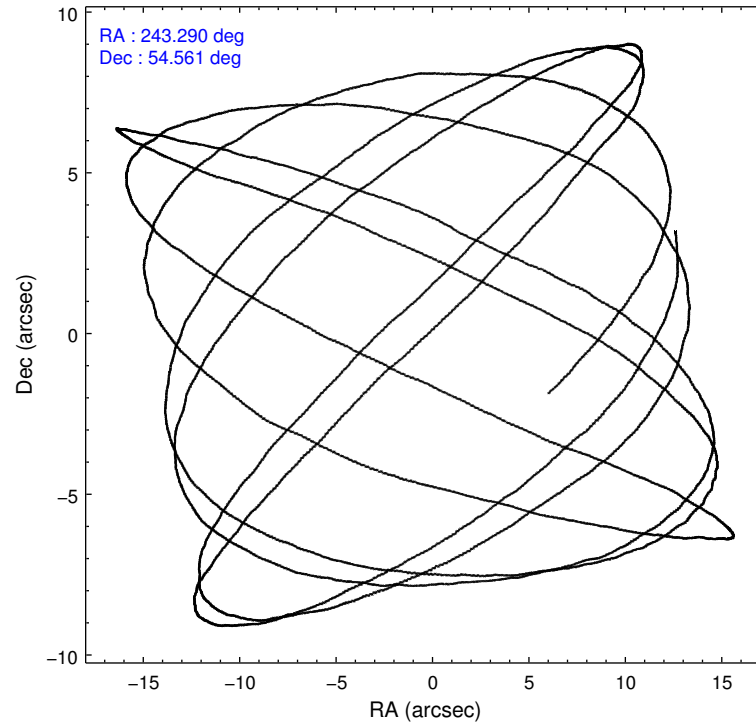
2.1.4 Events

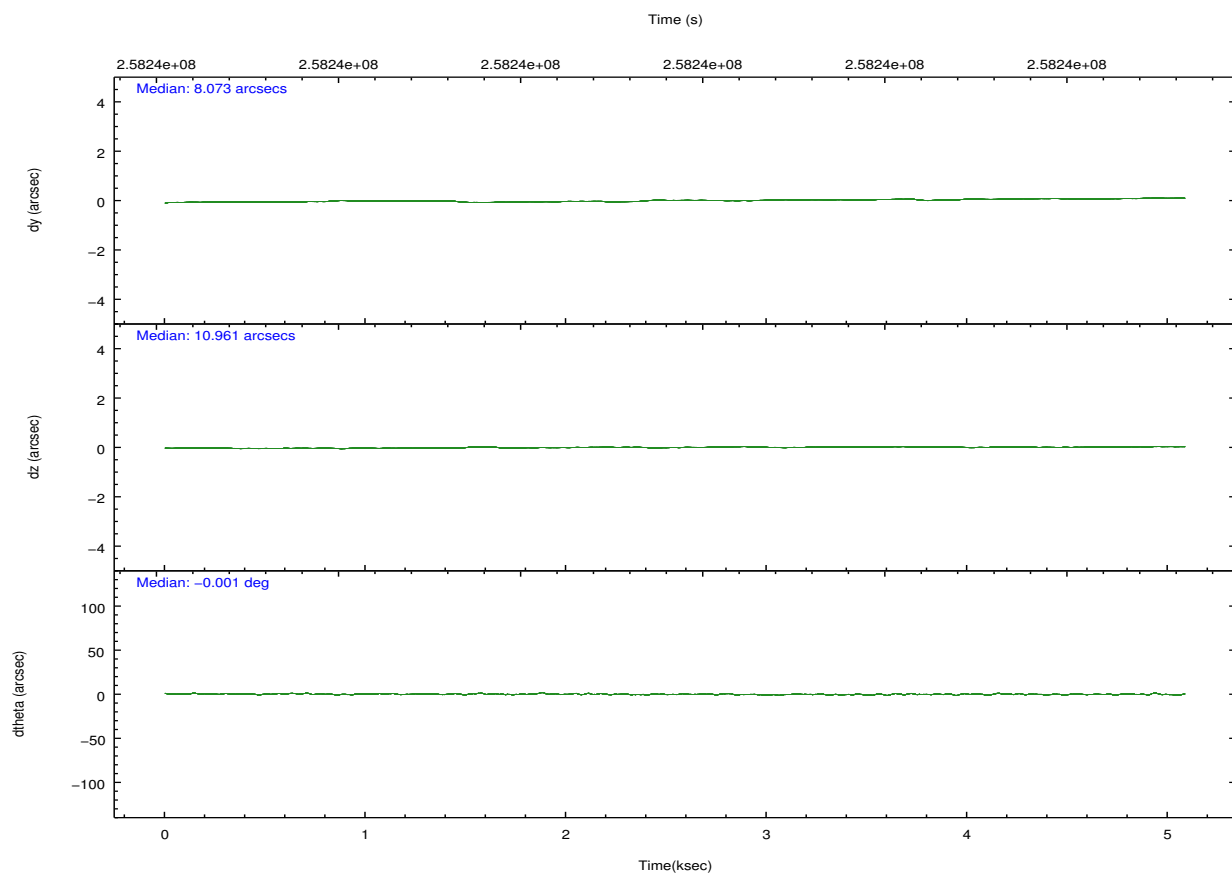
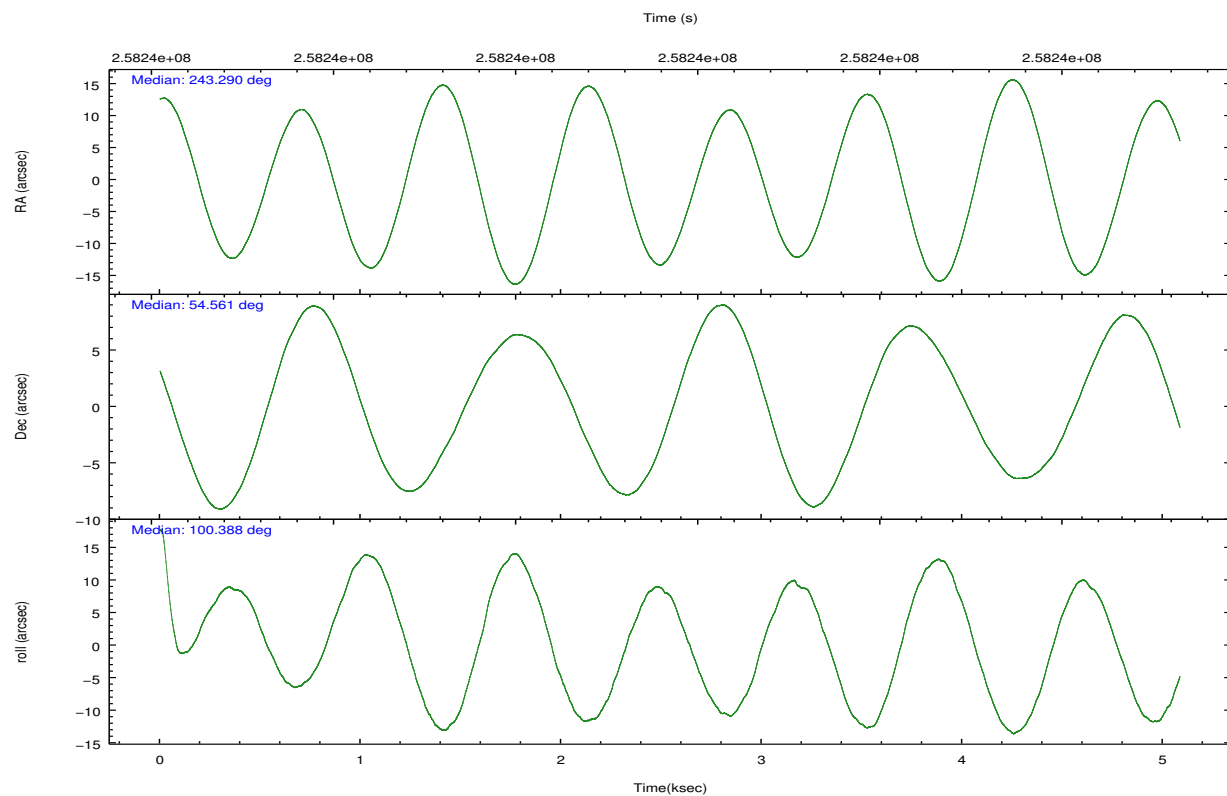
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	37954	36307	41417	38110	42526	55248	grade 0 events	2028	2040	2221	2042	1855	2033
rejected events	33160	31198	36533	33404	37816	31931		5%	5%	5%	5%	4%	3%
rejected %	87%	85%	88%	87%	88%	57%	grade 1 events	31	25	34	34	25	61
								0%	0%	0%	0%	0%	0%
							grade 2 events	1014	1097	1054	925	1021	4555
								2%	3%	2%	2%	2%	8%
							grade 3 events	454	531	421	473	461	2062
								1%	1%	1%	1%	1%	3%
							grade 4 events	460	457	436	431	429	2054
								1%	1%	1%	1%	1%	3%
							grade 5 events	1658	1730	1554	1828	1969	5177
								4%	4%	3%	4%	4%	9%
							grade 6 events	841	988	757	843	945	12627
								2%	2%	1%	2%	2%	22%
							grade 7 events	31468	29439	34940	31534	35821	26679
								82%	81%	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	243.320808	243.290113225469	Subarray requested	NONE	NONE
[deg] Pointing Dec	54.539938	54.56074029368979	Alternating exposures requested	N	N
[deg] Pointing Roll	100.160382	100.3940771771739	[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)	258240493.184000	258240117.45915			
Observation start date	2006-03-08T21:27:08	2006-03-08T21:21:57			
[s] Observation end time (MET)	258245393.184000	258245527.4094			
Observation end date	2006-03-08T22:48:48	2006-03-08T22:52:07			
Read mode	TIMED	TIMED			

2.3 Aspect



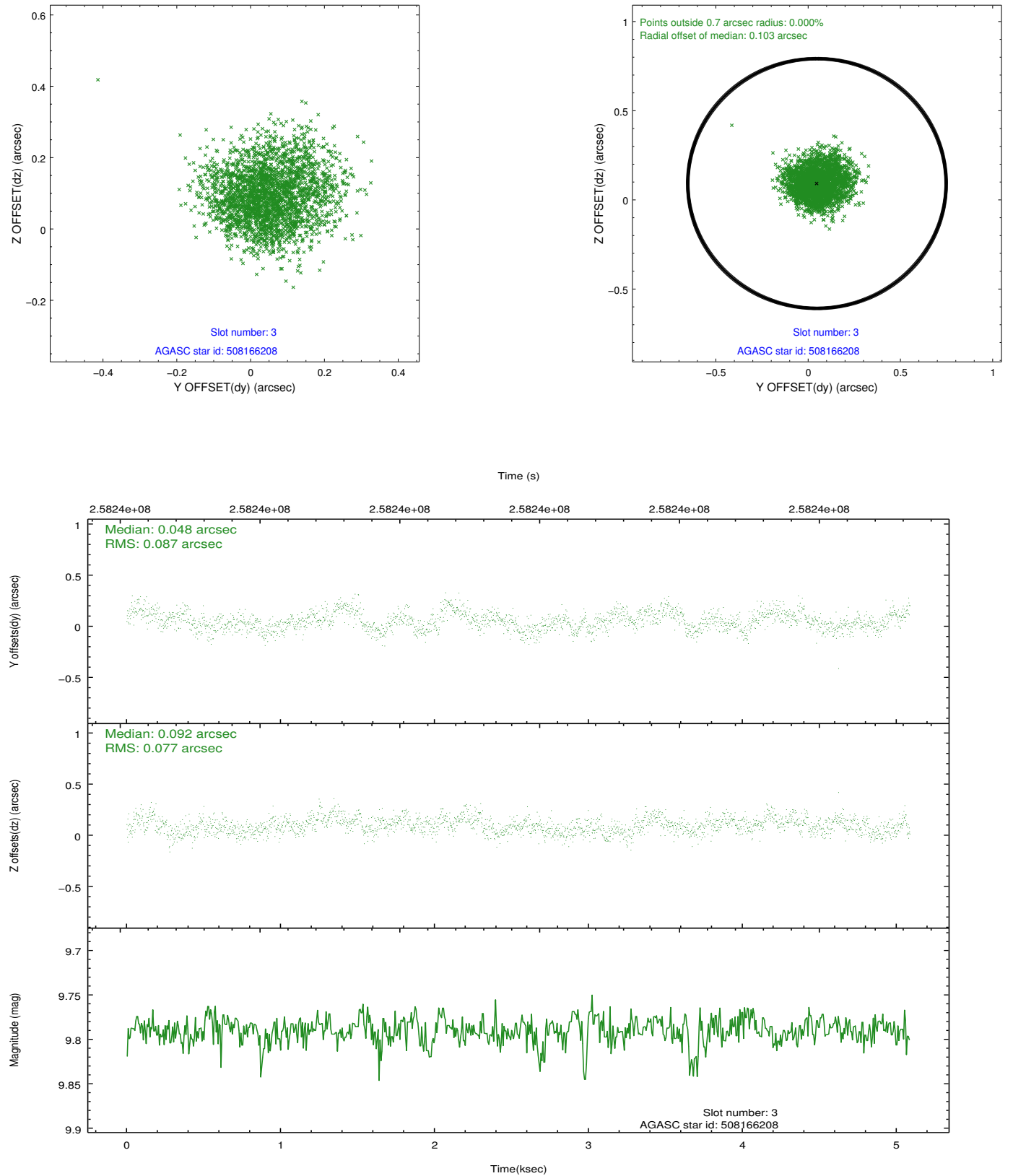


Slot Statistics

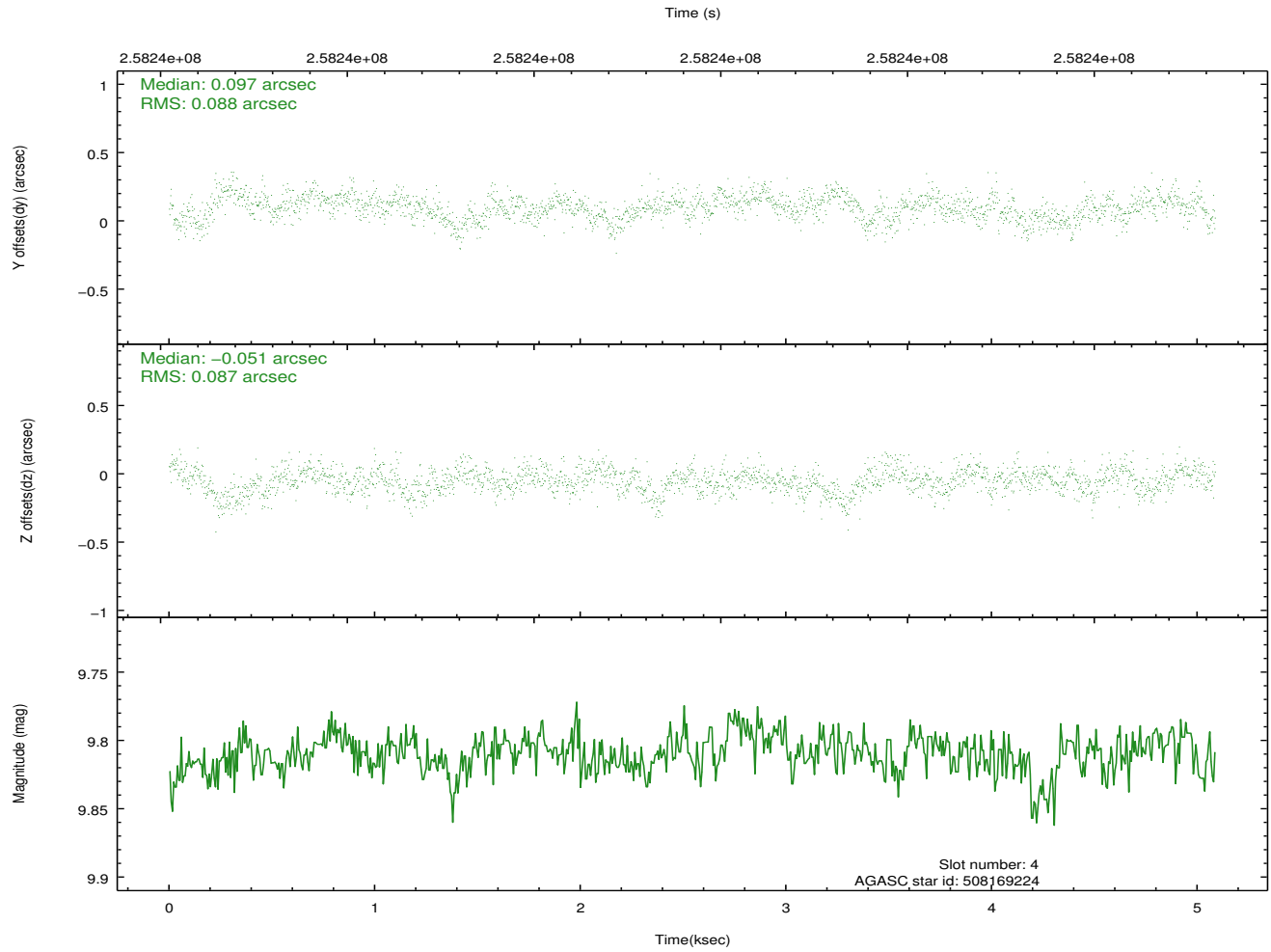
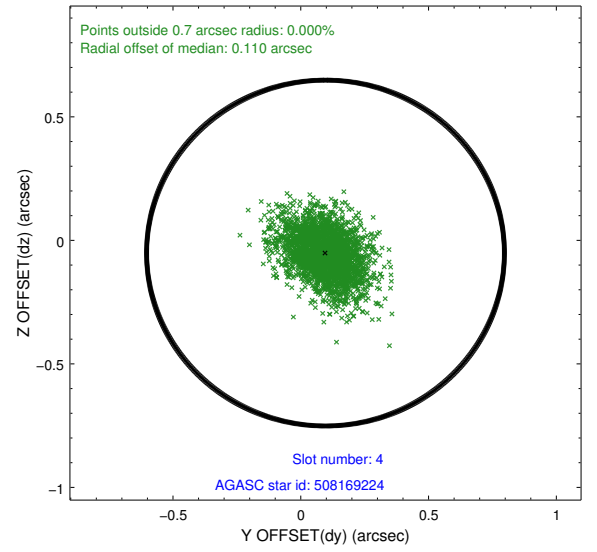
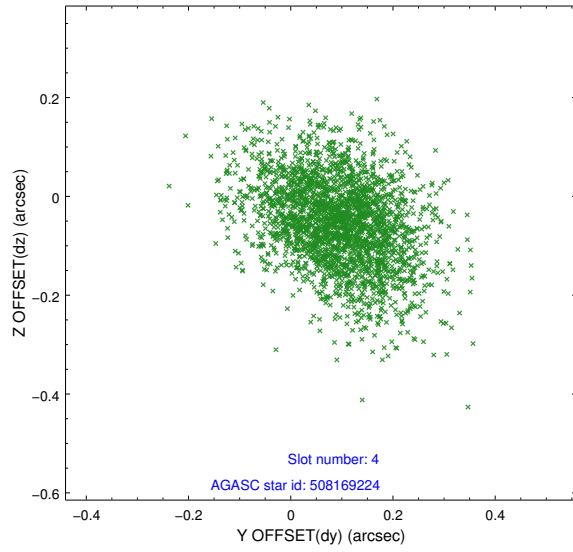
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	1241	0.042	-0.025	0.007	0.011	0.000000	0.000000	931.60	-834.49
1	FID	ACIS-I-5	7.23	1241	-0.182	0.052	0.007	0.012	0.000000	0.000000	-1816.03	1062.53
2	FID	ACIS-I-6	7.25	1241	0.048	0.043	0.007	0.011	0.000000	0.000000	395.90	1708.33
3	GUIDE	508166208	9.79	2482	0.048	0.092	0.125	0.198	243.617118	54.978511	1447.57	-880.87
4	GUIDE	508169224	9.81	2478	0.097	-0.051	0.129	0.221	242.580277	53.826359	-2242.29	2000.30
5	GUIDE	508172800	7.90	2481	-0.181	0.002	0.079	0.124	242.573753	54.657892	699.51	1456.12
6	GUIDE	508183040	9.46	2479	0.106	0.082	0.110	0.176	243.957509	54.419234	-656.35	-1236.23
7	GUIDE	508576792	9.04	2481	-0.069	-0.135	0.093	0.162	244.272390	55.269176	2250.23	-2386.65

2.4 Star Slots

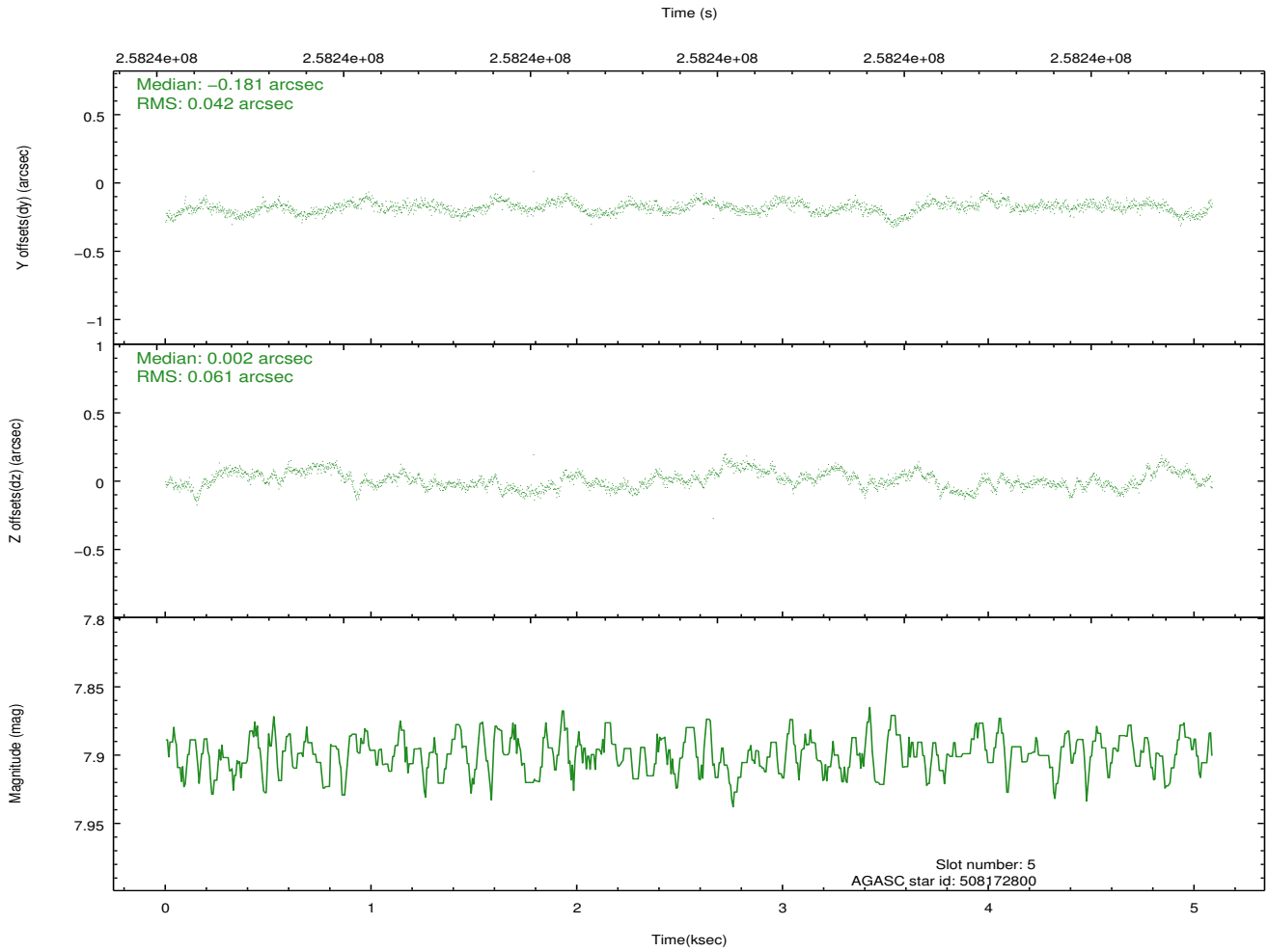
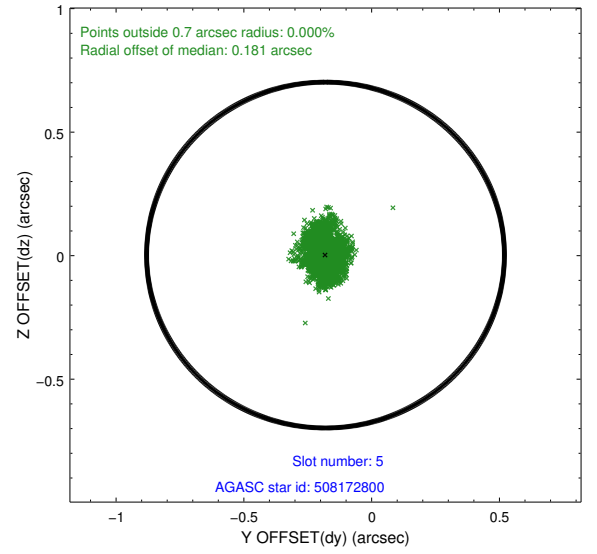
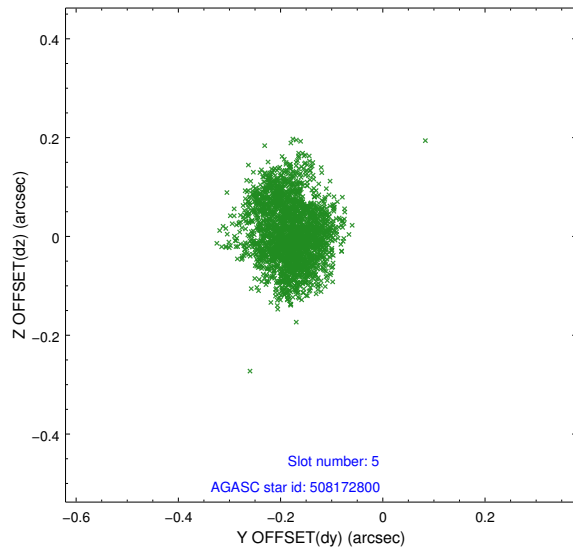
2.4.1 Slot 3



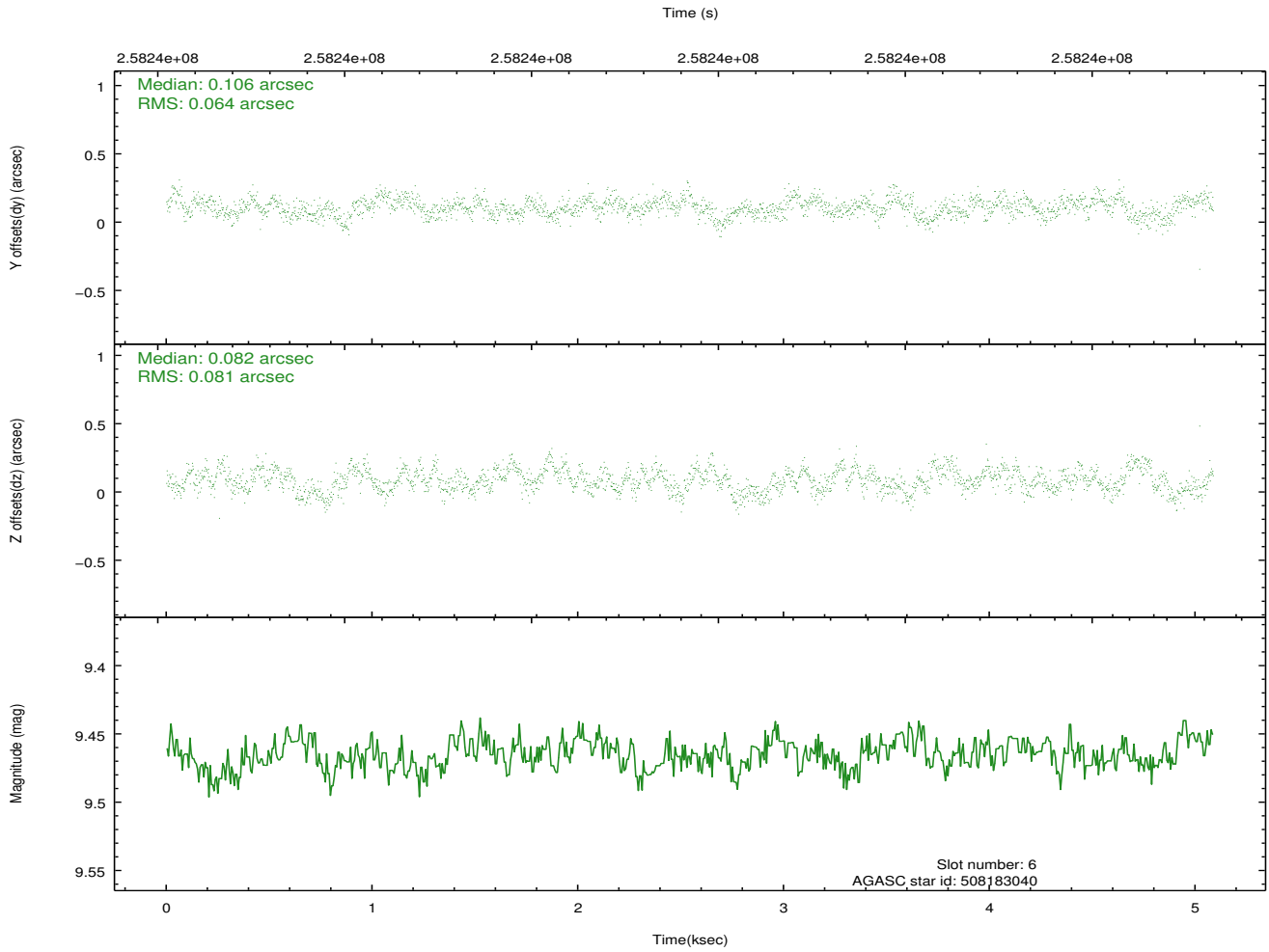
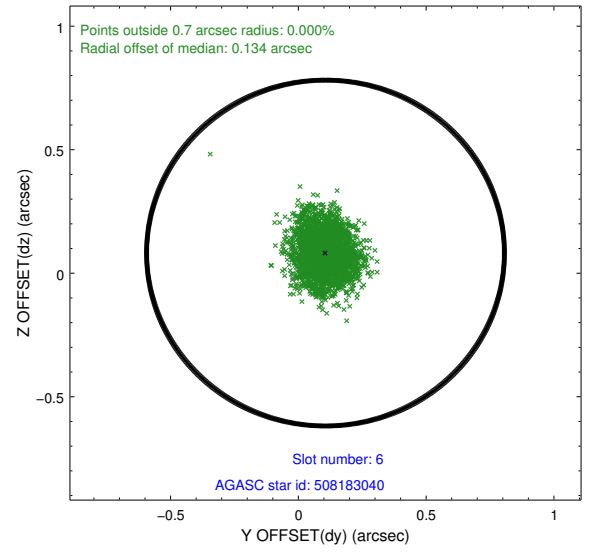
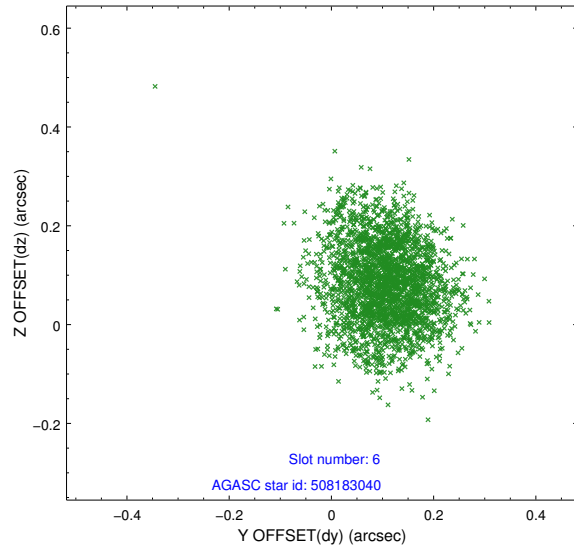
2.4.2 Slot 4



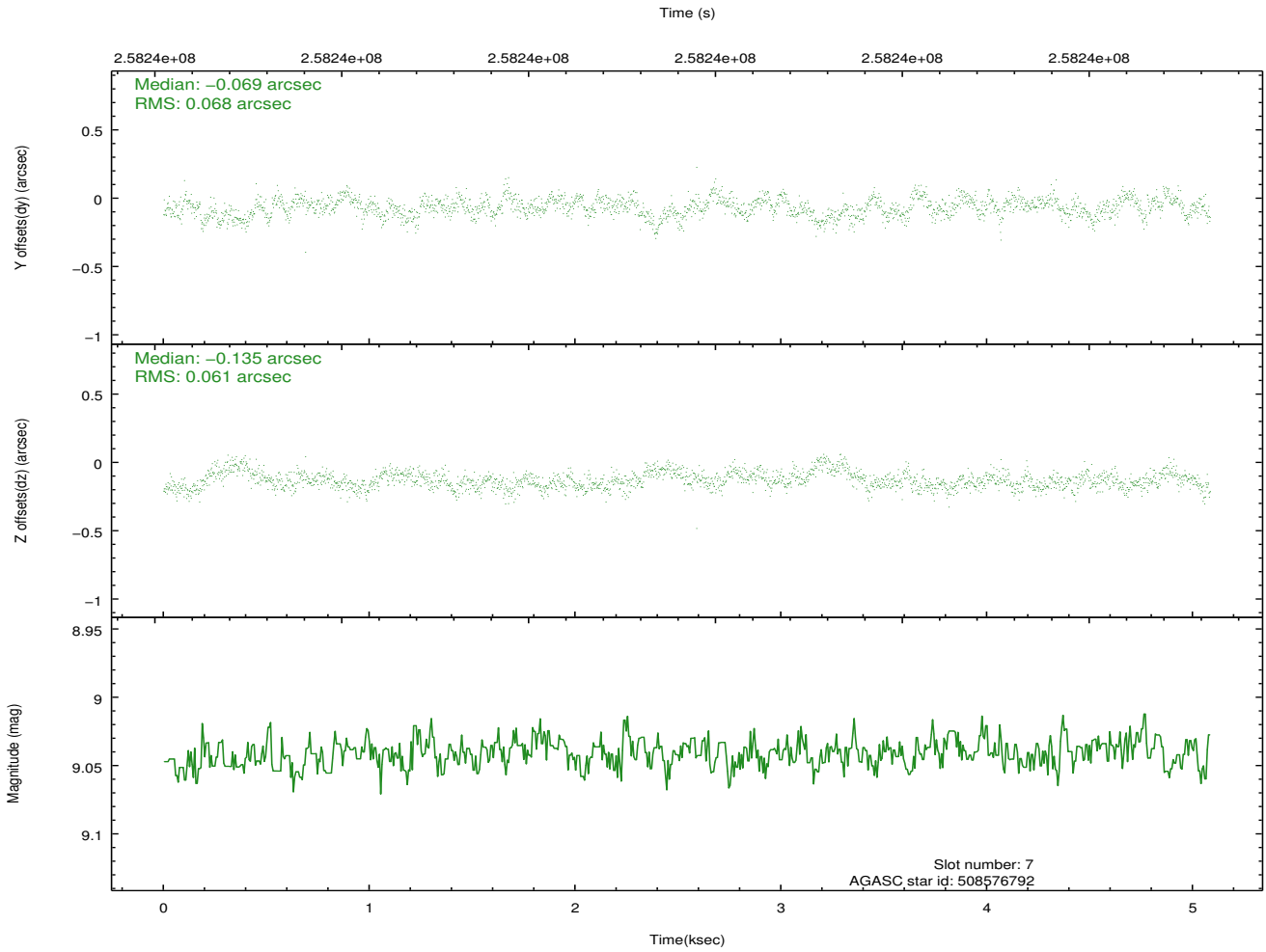
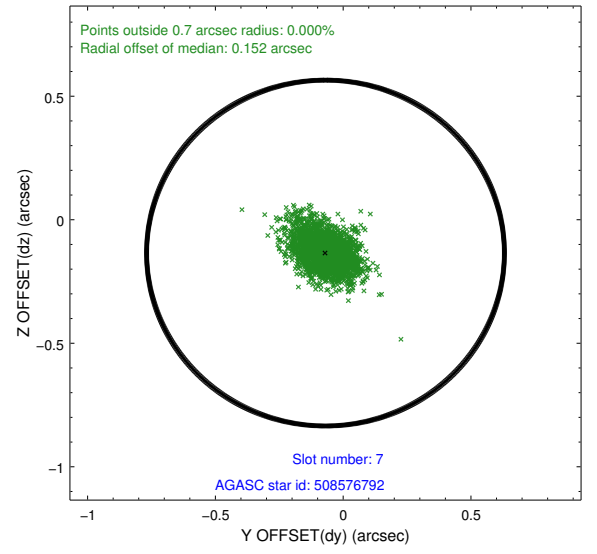
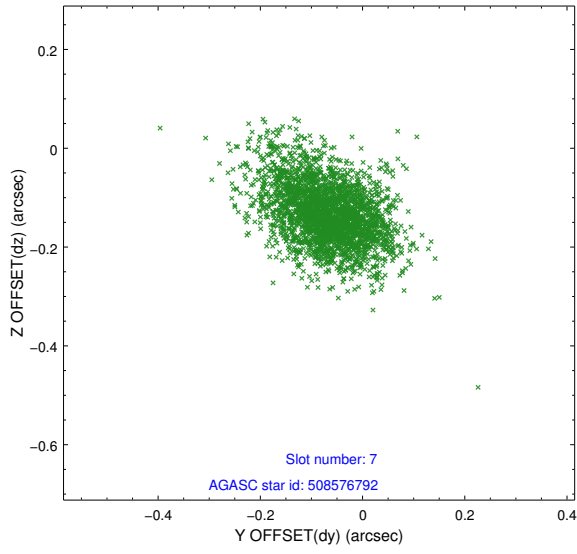
2.4.3 Slot 5



2.4.4 Slot 6

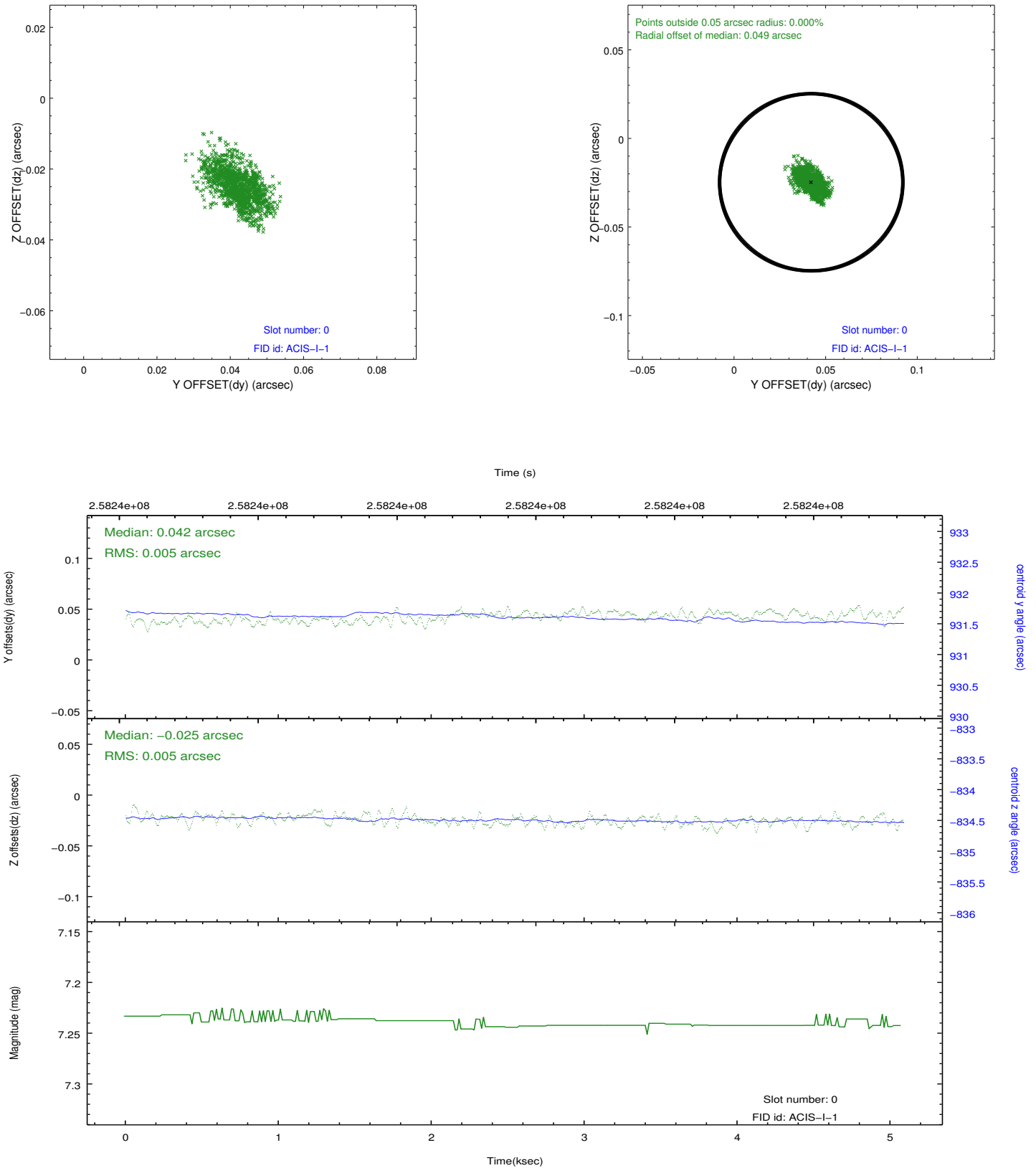


2.4.5 Slot 7

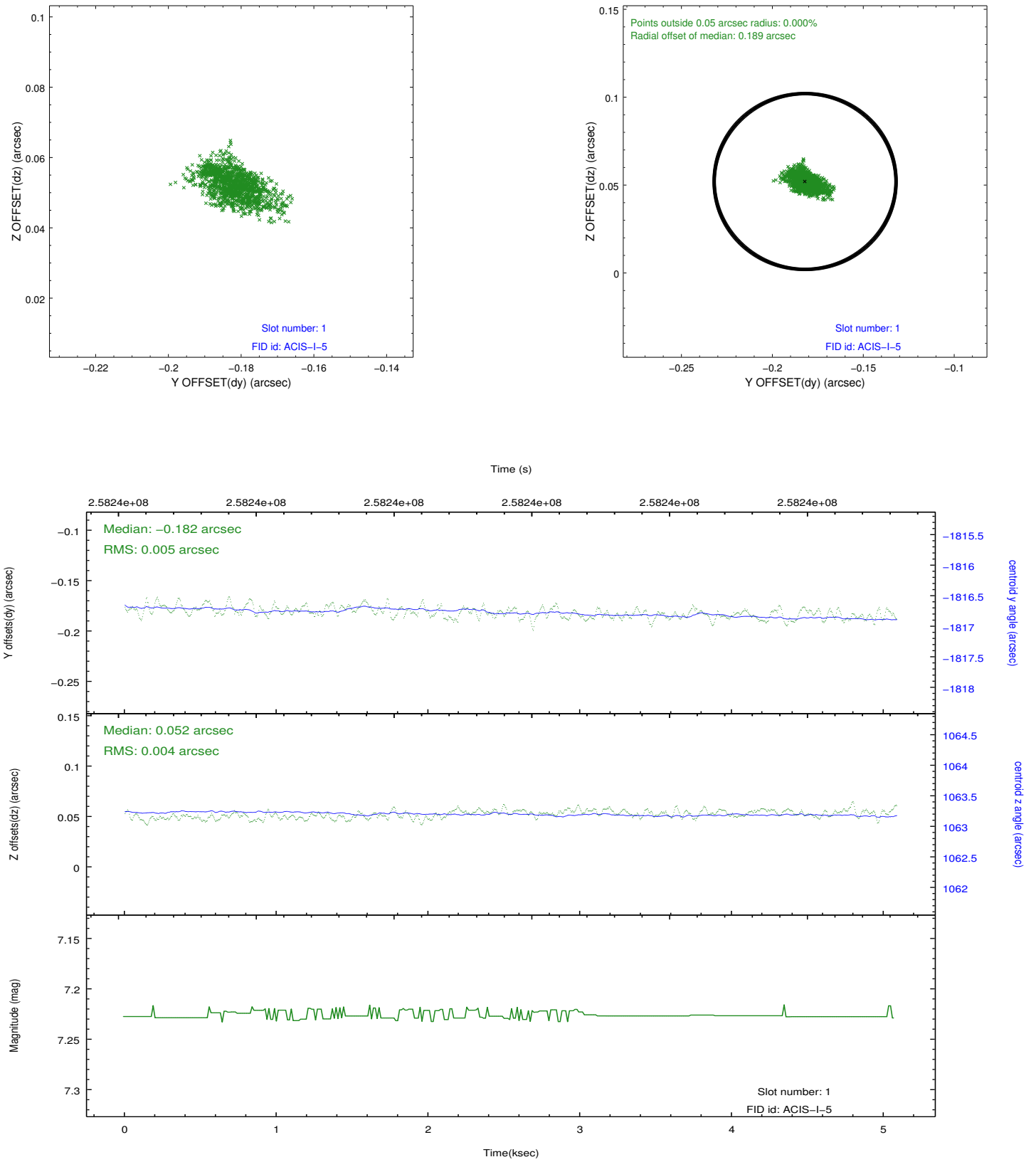


2.5 FID Slots

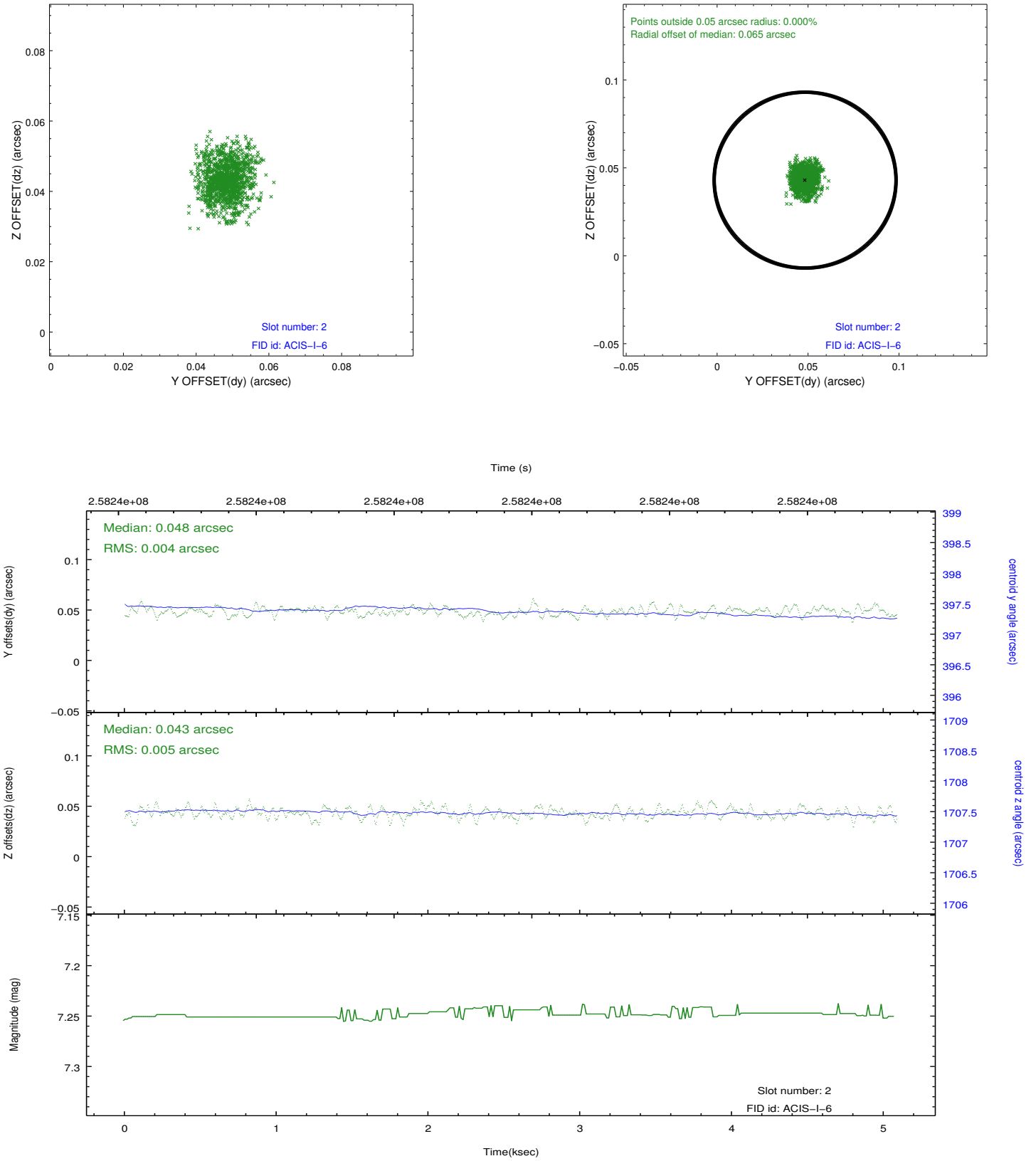
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.03.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.655959

A.2 Comments

Joint proposal with NOAO.