

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 936 - L2 Version 3
Chandra X-Ray Center

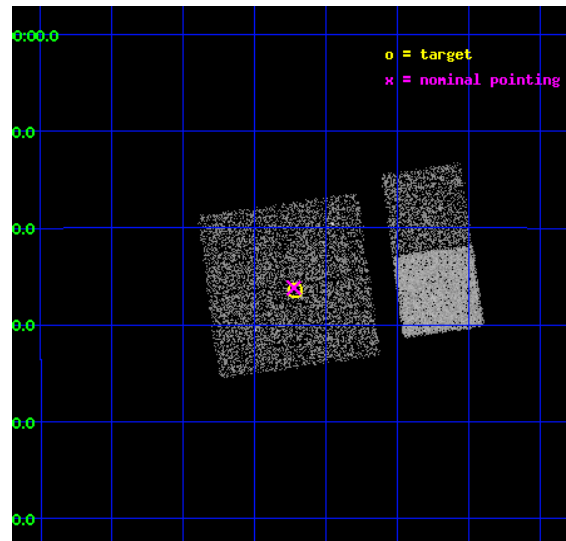
L2 Processing Date : Sep 5 2012

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1 Front

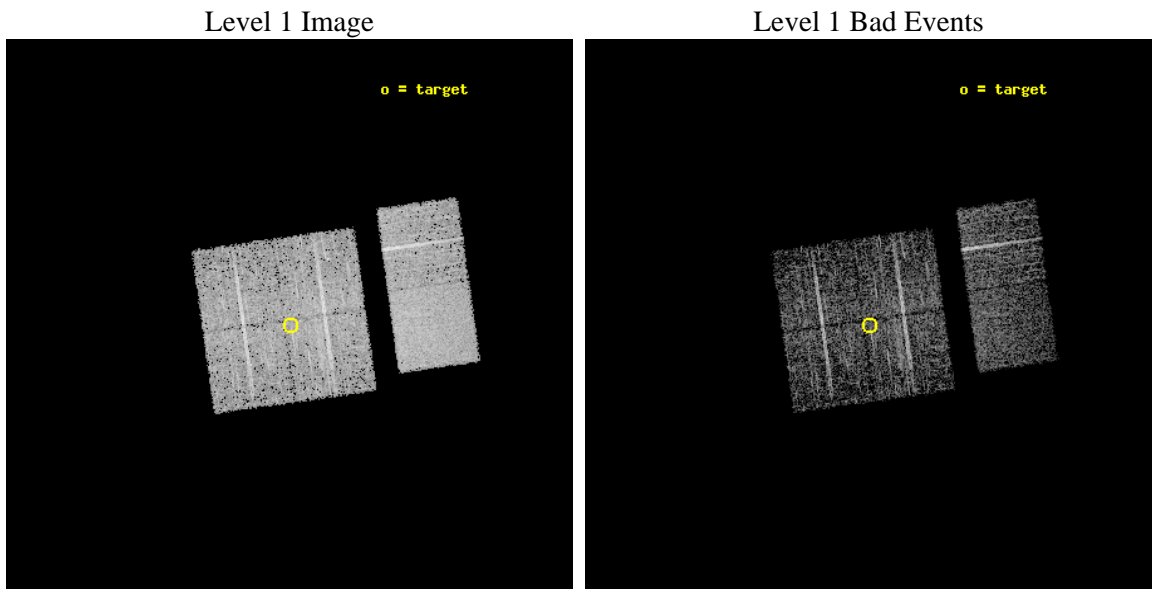
seq_num	900008	Sequence number
obs_id	936	Observation id
title	AXAF OBSERVATION OF FAINT HARD X-RAY SOURCES DISCOVERED WITH ASCA	
observer	Dr. Tadayuki Takahashi	Principal investigator
object	AX J0431-0526	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	67.92875	Observer's specified target RA [deg]
dec_targ	-5.4405	Observer's specified target Dec [deg]
ra_nom	67.93127910879	Nominal RA [deg]
dec_nom	-5.4363097803359	Nominal Dec [deg]
roll_nom	82.035618917092	Nominal Roll [deg]
revision	3	Processing version of data
ontime	3954.0820304602	Sum of GTIs [s]
livetime	3904.0130629282	Livetime [s]
ontime0	3953.9589104652	Sum of GTIs [s]
ontime1	3950.7589902431	Sum of GTIs [s]
ontime2	3954.0409904718	Sum of GTIs [s]
ontime3	3954.0820304602	Sum of GTIs [s]
ontime6	3954.1641104668	Sum of GTIs [s]
ontime7	3954.1230704635	Sum of GTIs [s]
l2events	24250	Number of level 2 events



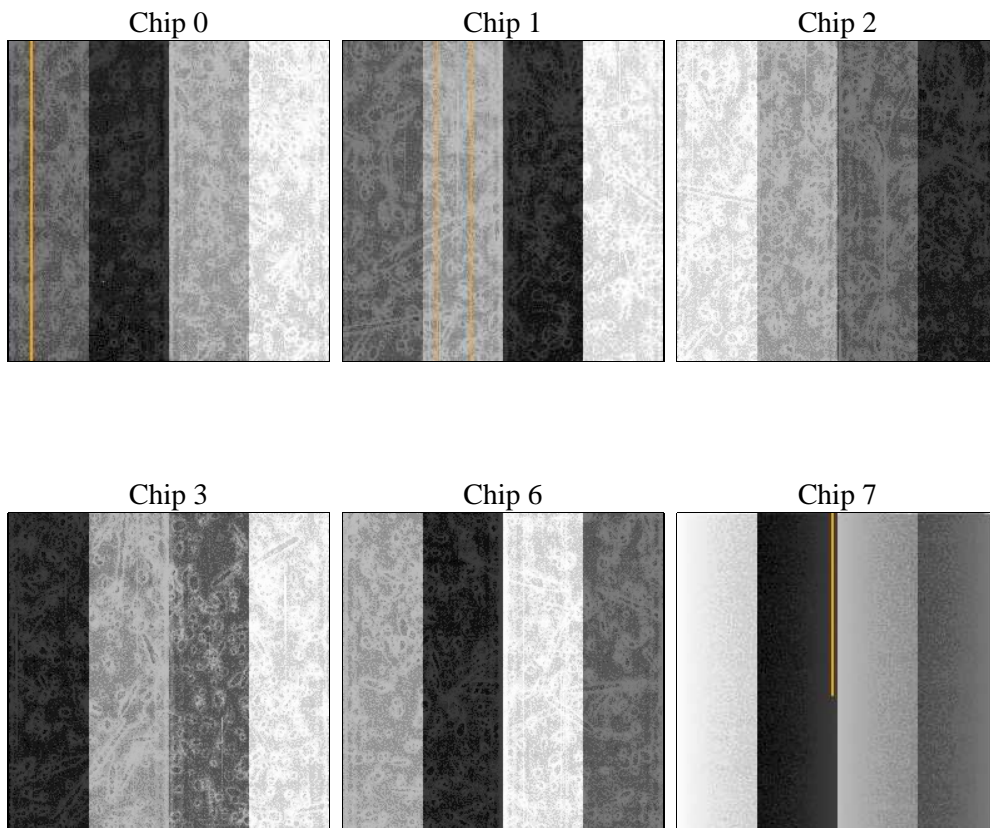
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	4000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	3954.0820304602	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime0	3953.9589104652	Sum of GTIs [s]
date	2012-09-05T15:03:22	Date and time of file creation	ontime1	3950.7589902431	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	3954.0409904718	Sum of GTIs [s]
			ontime3	3954.0820304602	Sum of GTIs [s]
			ontime6	3954.1641104668	Sum of GTIs [s]
			ontime7	3954.1230704635	Sum of GTIs [s]
			l1events	146825	Number of level 1 events

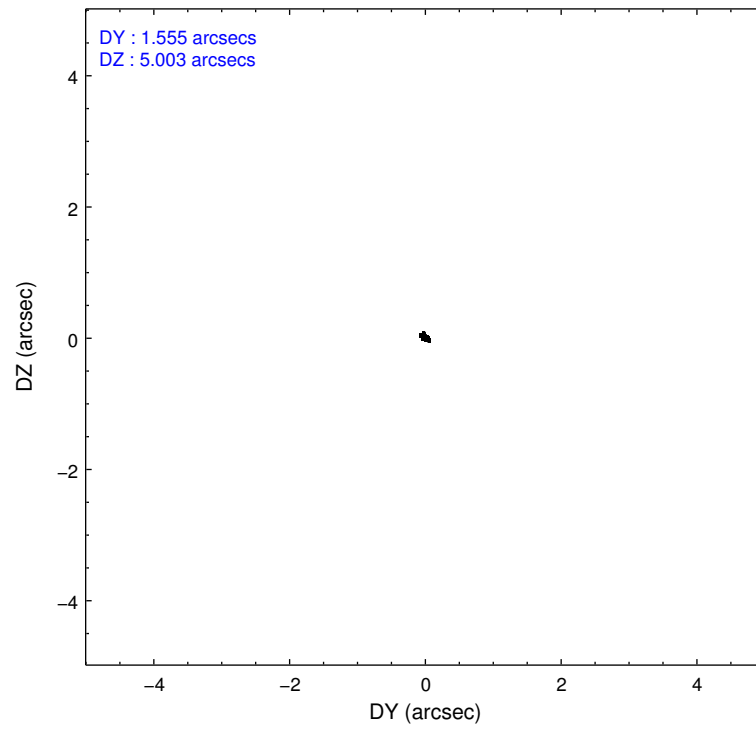
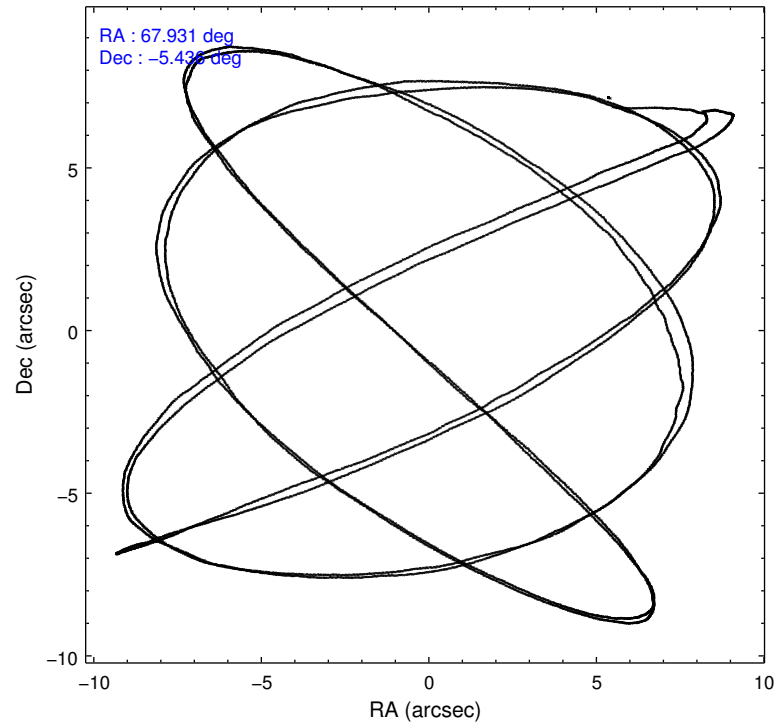
2.1.4 Events

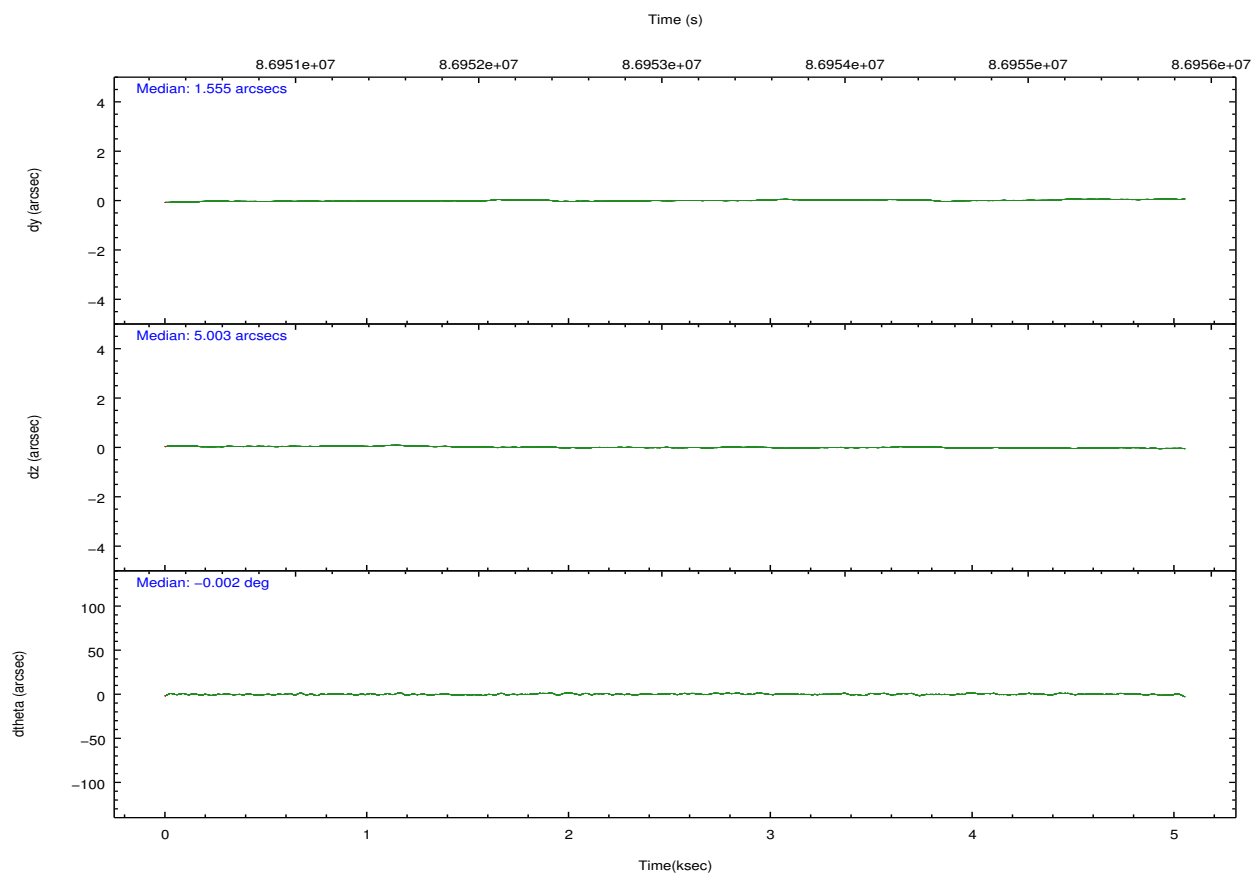
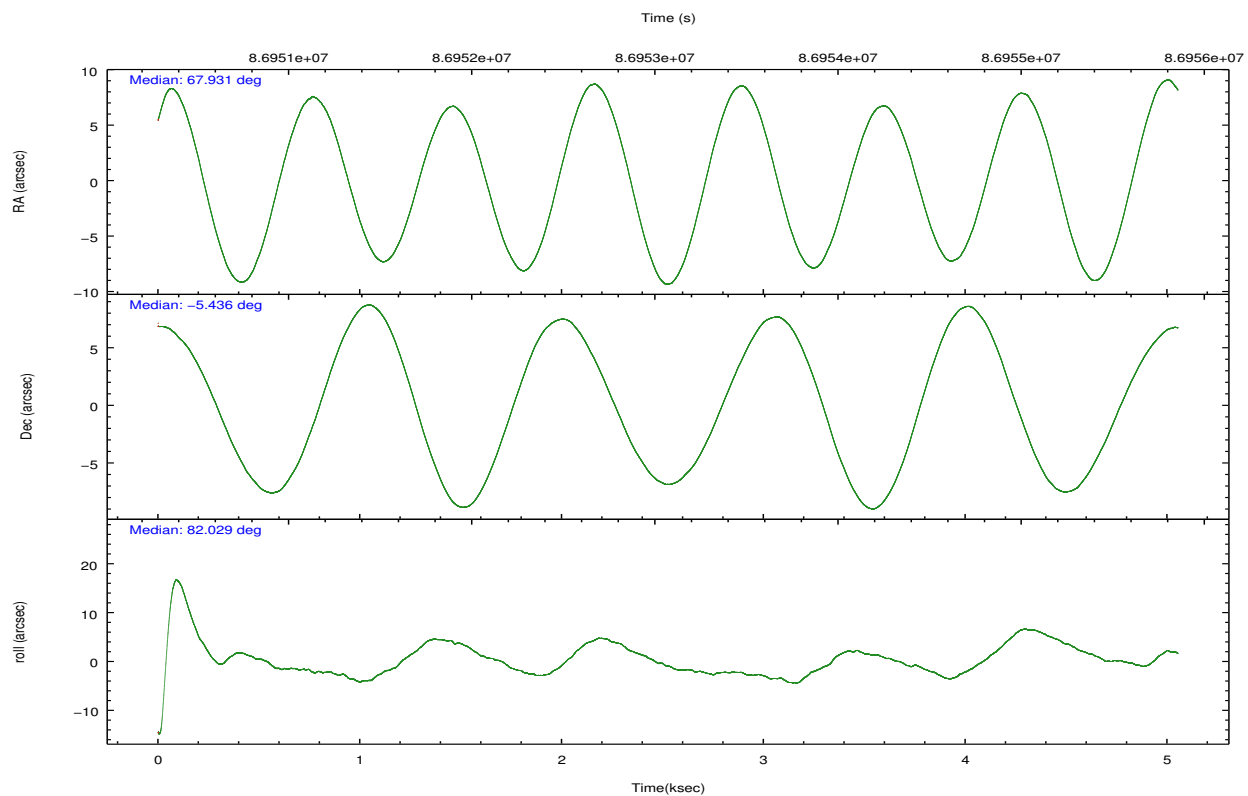
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	21766	21377	24395	24045	24928	30314	grade 0 events	1207	1297	1352	1213	1170	1264
rejected events	18974	18411	21541	21432	22139	17635		5%	6%	5%	5%	4%	4%
rejected %	87%	86%	88%	89%	88%	58%	grade 1 events	13	20	8	11	8	29
								0%	0%	0%	0%	0%	0%
							grade 2 events	578	565	573	493	537	2477
								2%	2%	2%	2%	2%	8%
							grade 3 events	298	282	247	231	283	1190
								1%	1%	1%	0%	1%	3%
							grade 4 events	300	328	238	238	270	1184
								1%	1%	0%	0%	1%	3%
							grade 5 events	851	824	841	885	969	2919
								3%	3%	3%	3%	3%	9%
							grade 6 events	414	502	450	441	531	6580
								1%	2%	1%	1%	2%	21%
							grade 7 events	18105	17559	20686	20533	21160	14671
								83%	82%	84%	85%	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	67.941568	67.93127910879025	Subarray requested	NONE	NONE
[deg] Pointing Dec	-5.461857	-5.436309780335892	Alternating exposures requested	N	N
[deg] Pointing Roll	81.827991	82.03561891709228	[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)	86951600.184000	86950206.144289			
Observation start date	2000-10-03T09:12:16	2000-10-03T08:50:06			
[s] Observation end time (MET)	86955600.184000	86956176.257015			
Observation end date	2000-10-03T10:18:56	2000-10-03T10:29:36			
Read mode	TIMED	TIMED			

2.3 Aspect



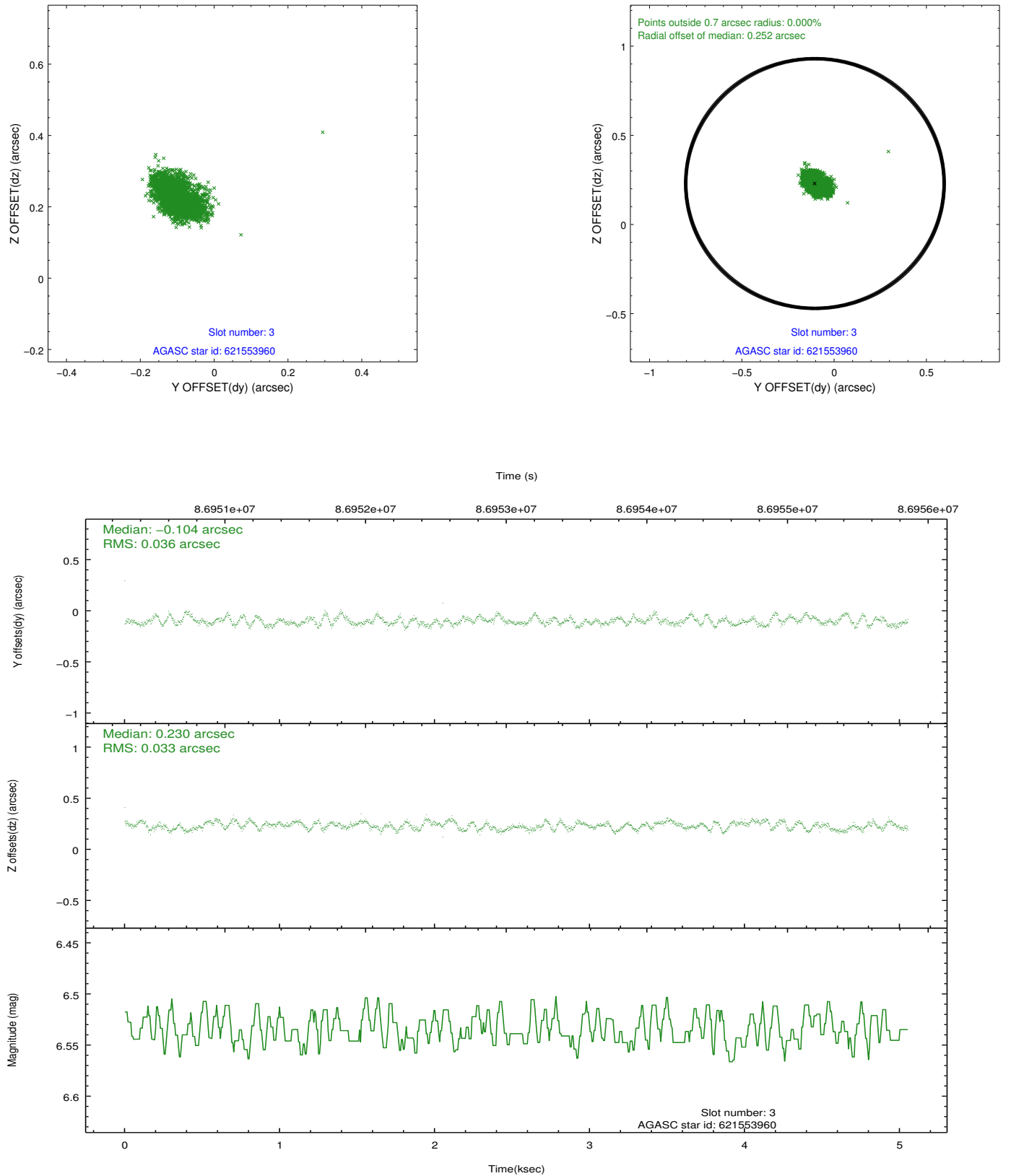


Slot Statistics

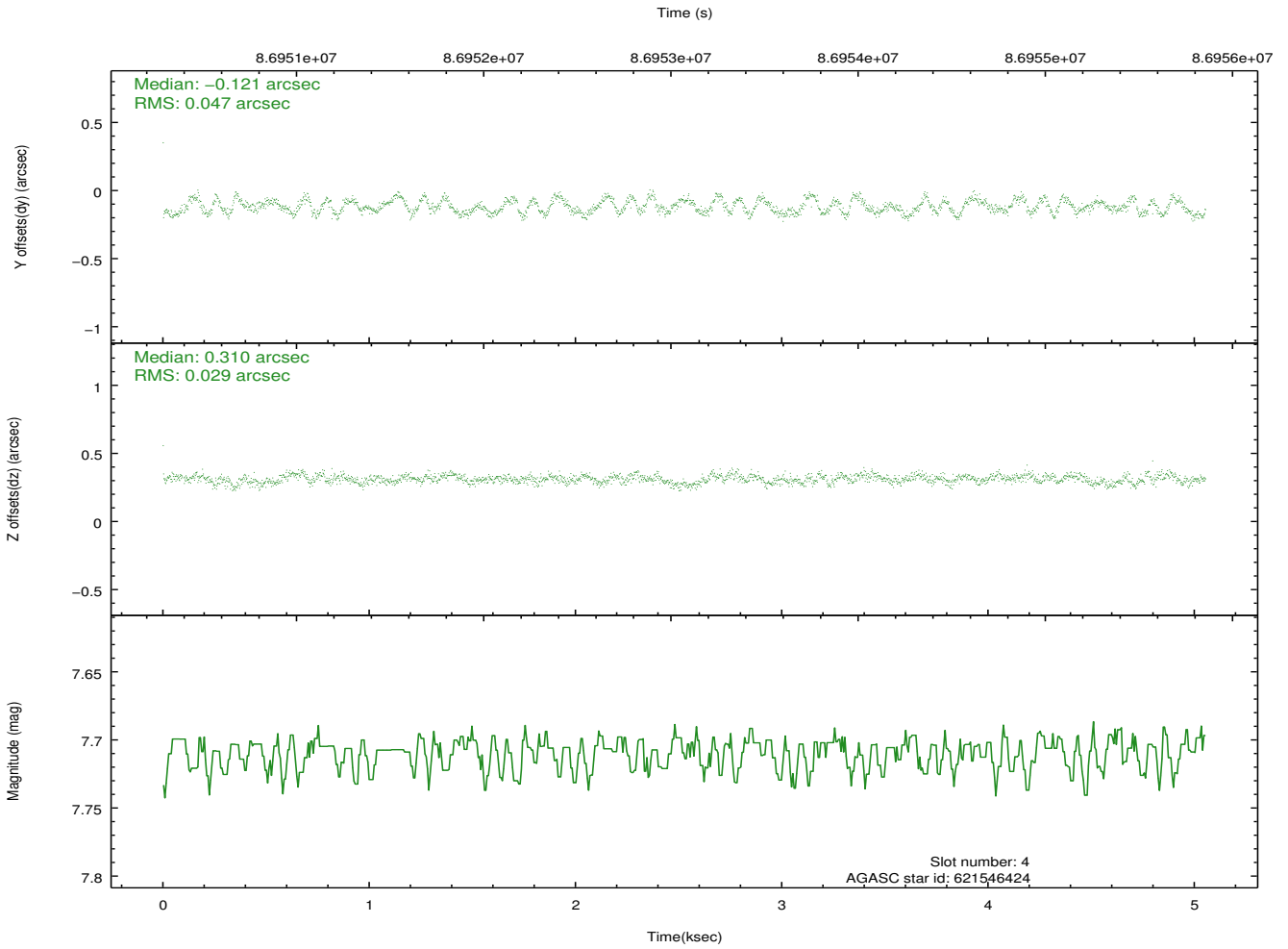
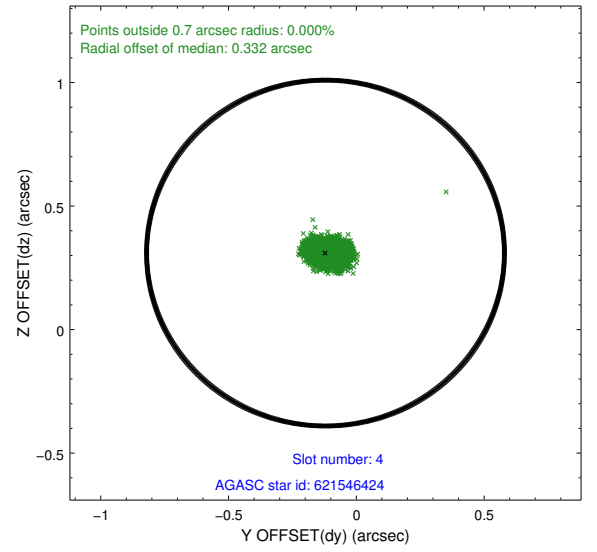
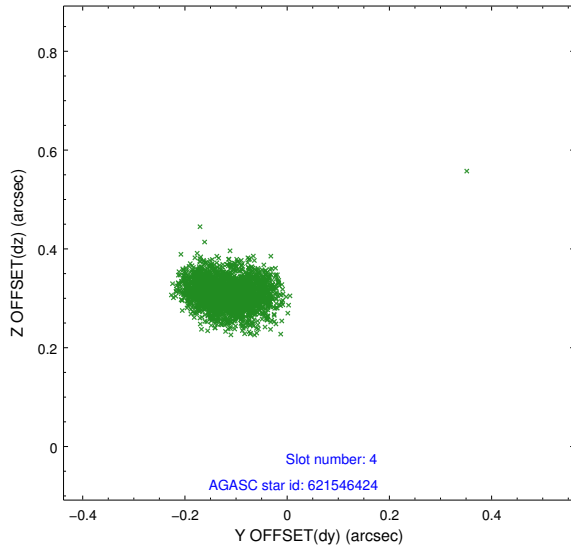
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-2	7.15	1232	-0.031	-0.039	0.008	0.014	0.000000	0.000000	-755.92	-834.76
1	FID	ACIS-I-4	7.19	1233	-0.036	0.037	0.006	0.011	0.000000	0.000000	2157.58	1070.90
2	FID	ACIS-I-5	7.23	1233	-0.034	0.071	0.009	0.016	0.000000	0.000000	-1808.21	1070.14
3	GUIDE	621553960	6.54	2466	-0.104	0.230	0.052	0.082	68.435033	-5.309670	793.16	-1672.21
4	GUIDE	621546424	7.71	2463	-0.121	0.310	0.060	0.090	68.622214	-5.138021	1500.06	-2249.83
5	GUIDE	620375512	8.88	2447	0.156	-0.259	0.089	0.144	67.329905	-5.680923	-1092.84	2055.95
6	GUIDE	621548376	9.23	2465	-0.045	-0.065	0.075	0.125	67.690920	-4.978432	1594.08	1138.74
7	GUIDE	620380240	9.64	2461	0.104	-0.220	0.109	0.170	67.333747	-5.510813	-484.67	2131.49

2.4 Star Slots

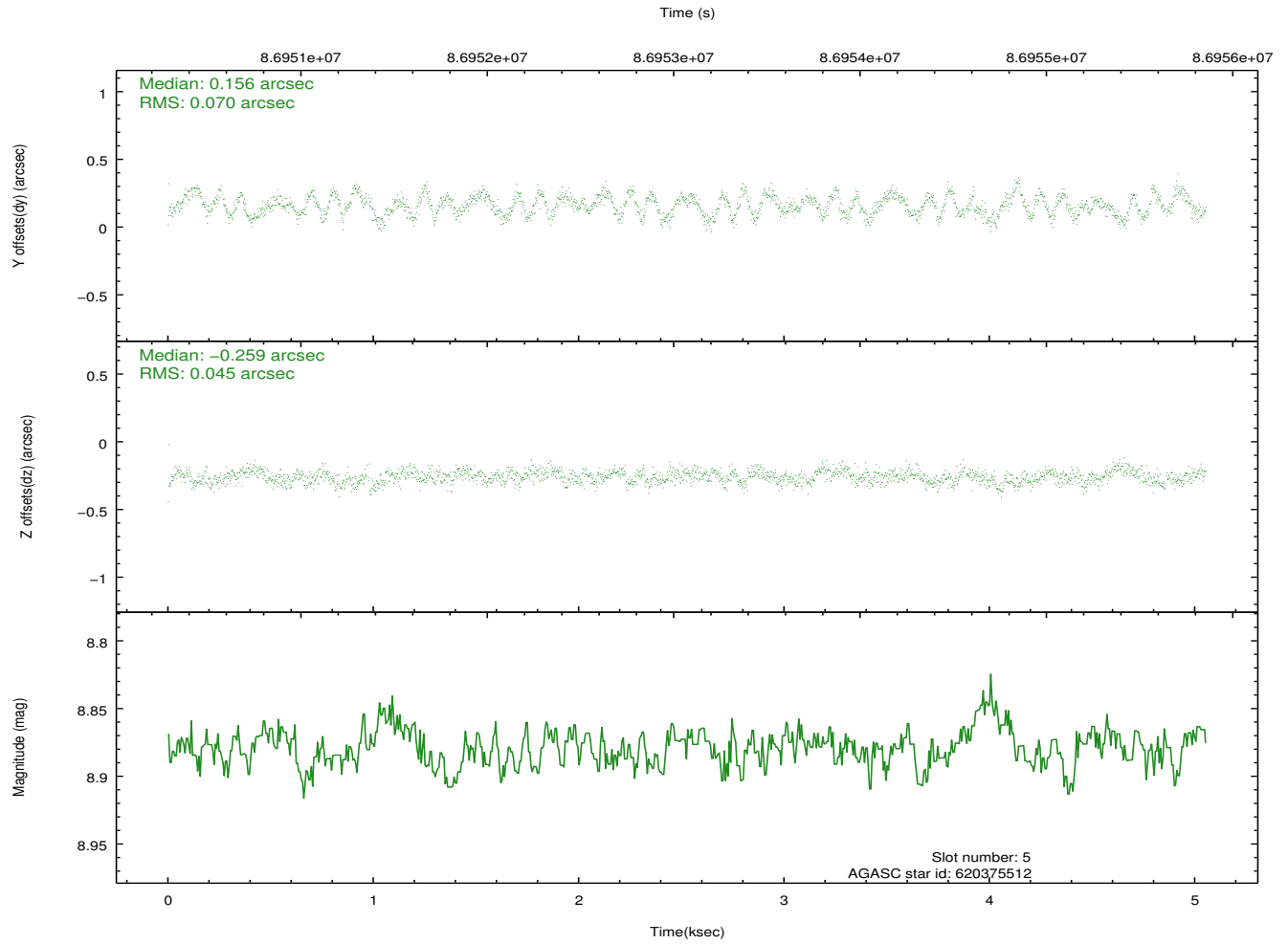
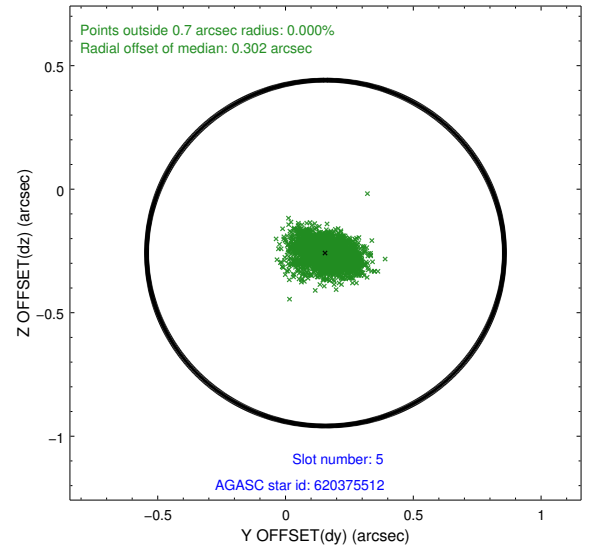
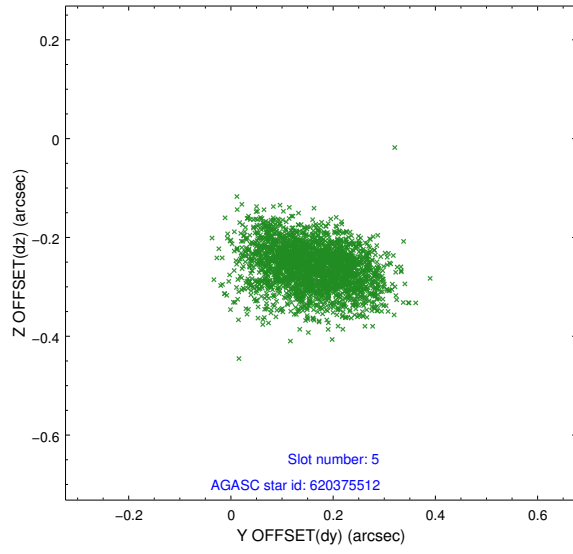
2.4.1 Slot 3



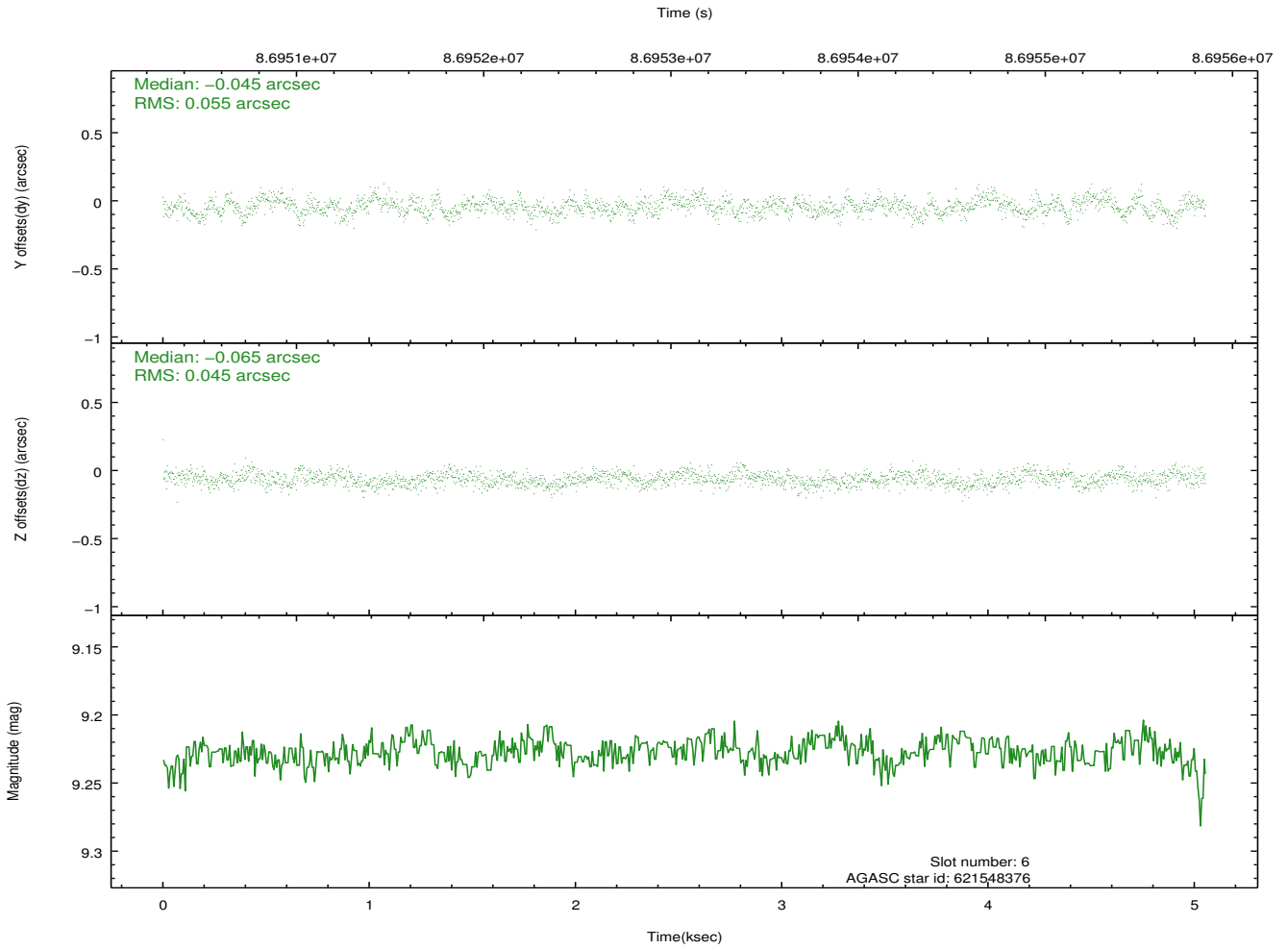
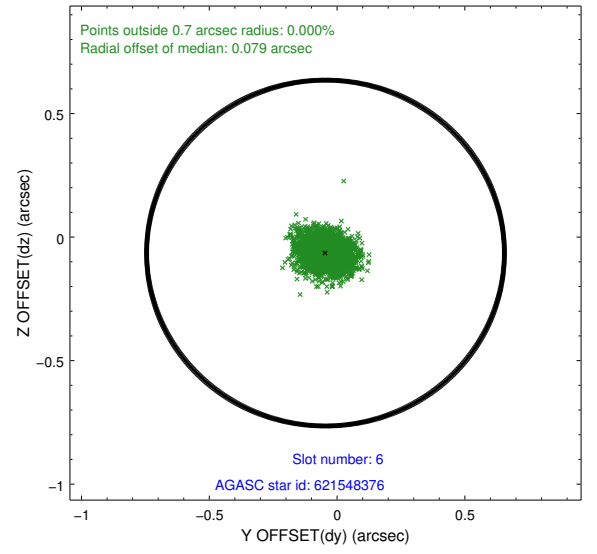
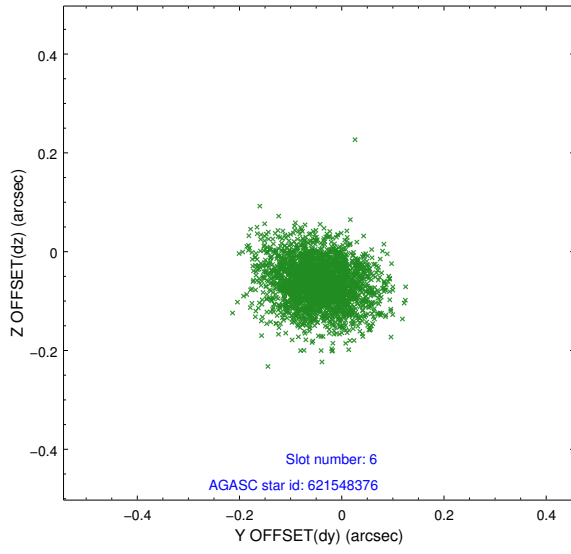
2.4.2 Slot 4



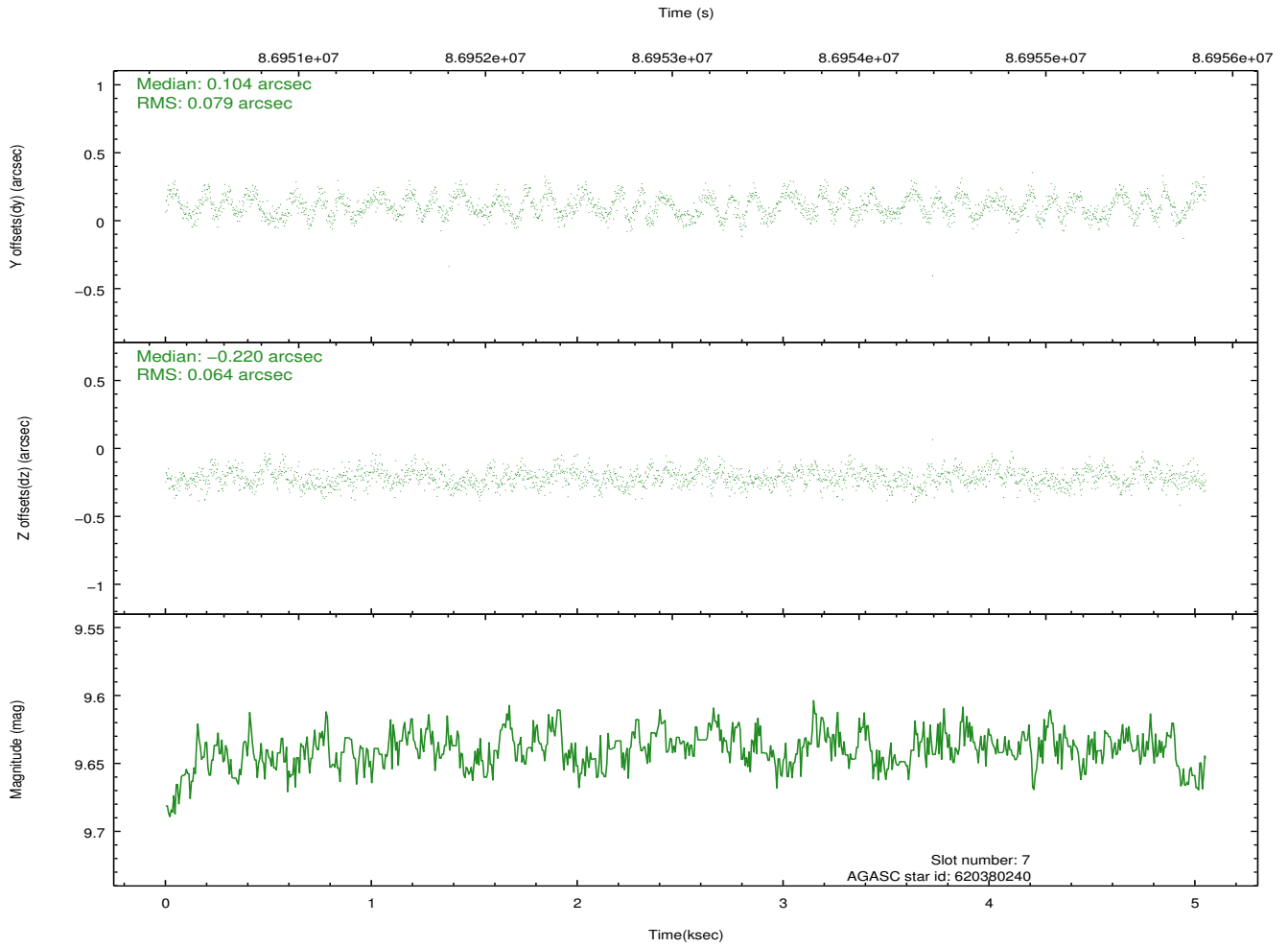
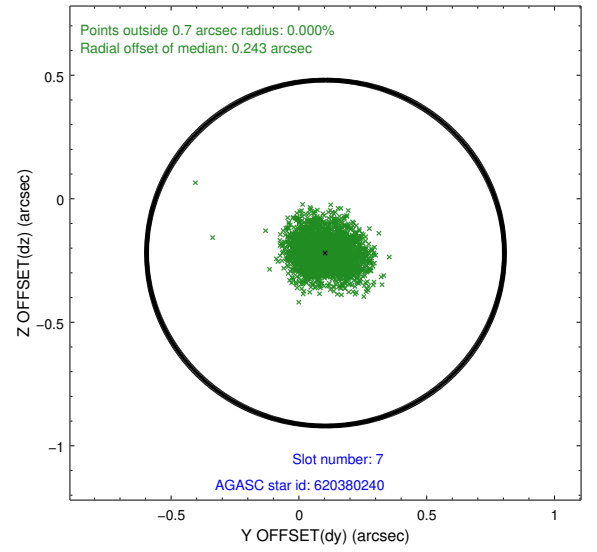
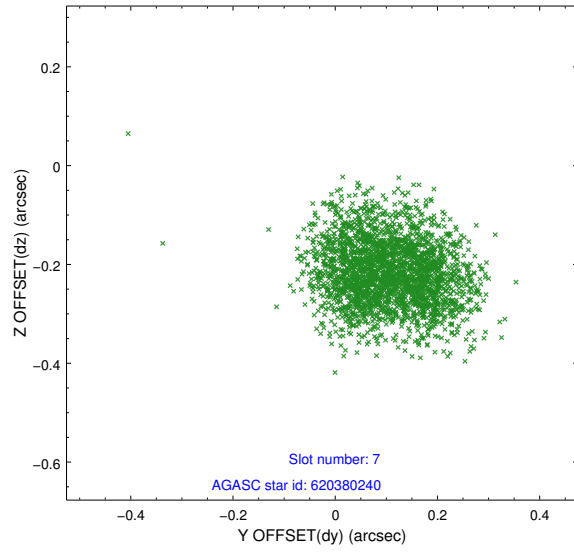
2.4.3 Slot 5



2.4.4 Slot 6

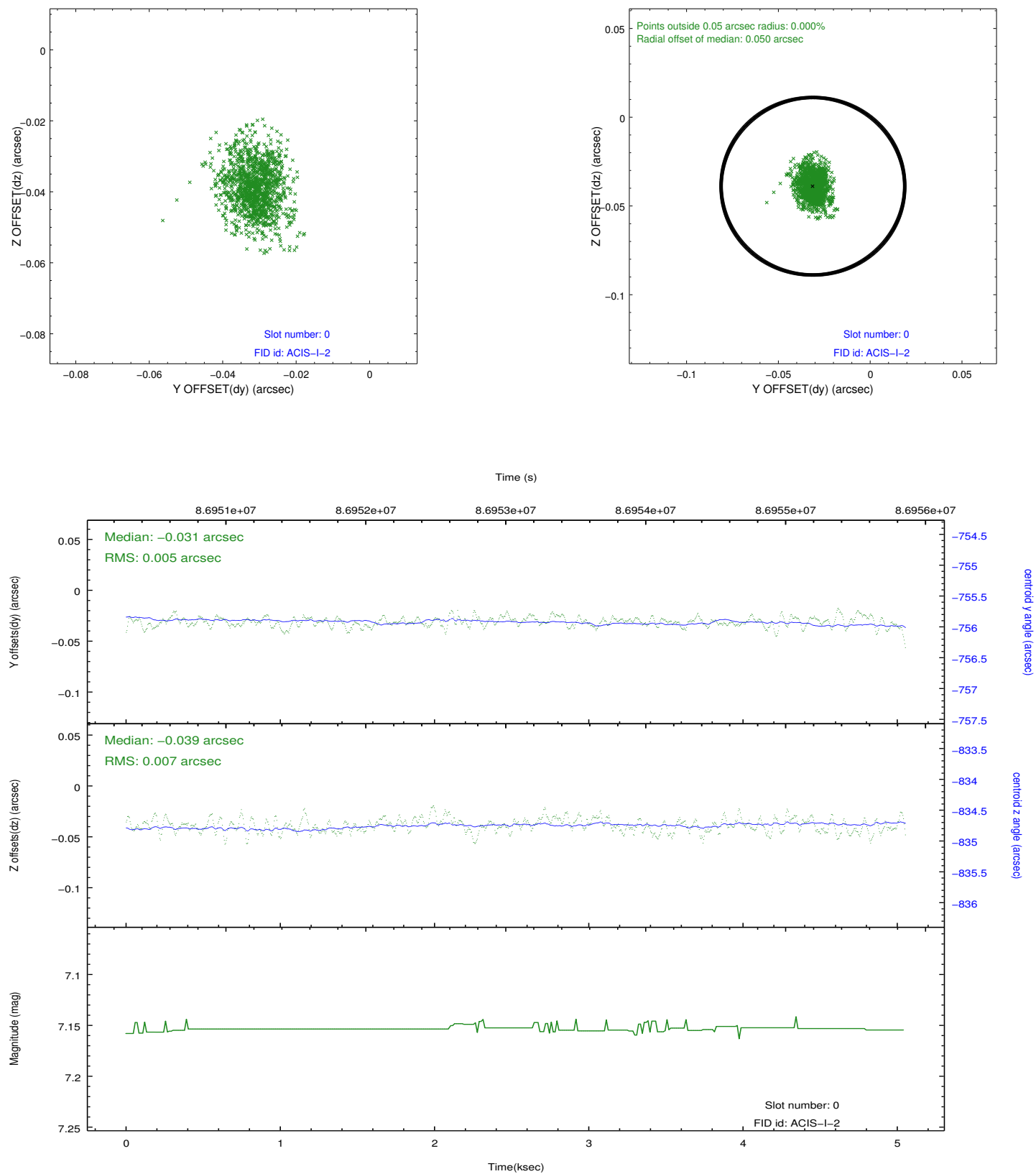


2.4.5 Slot 7

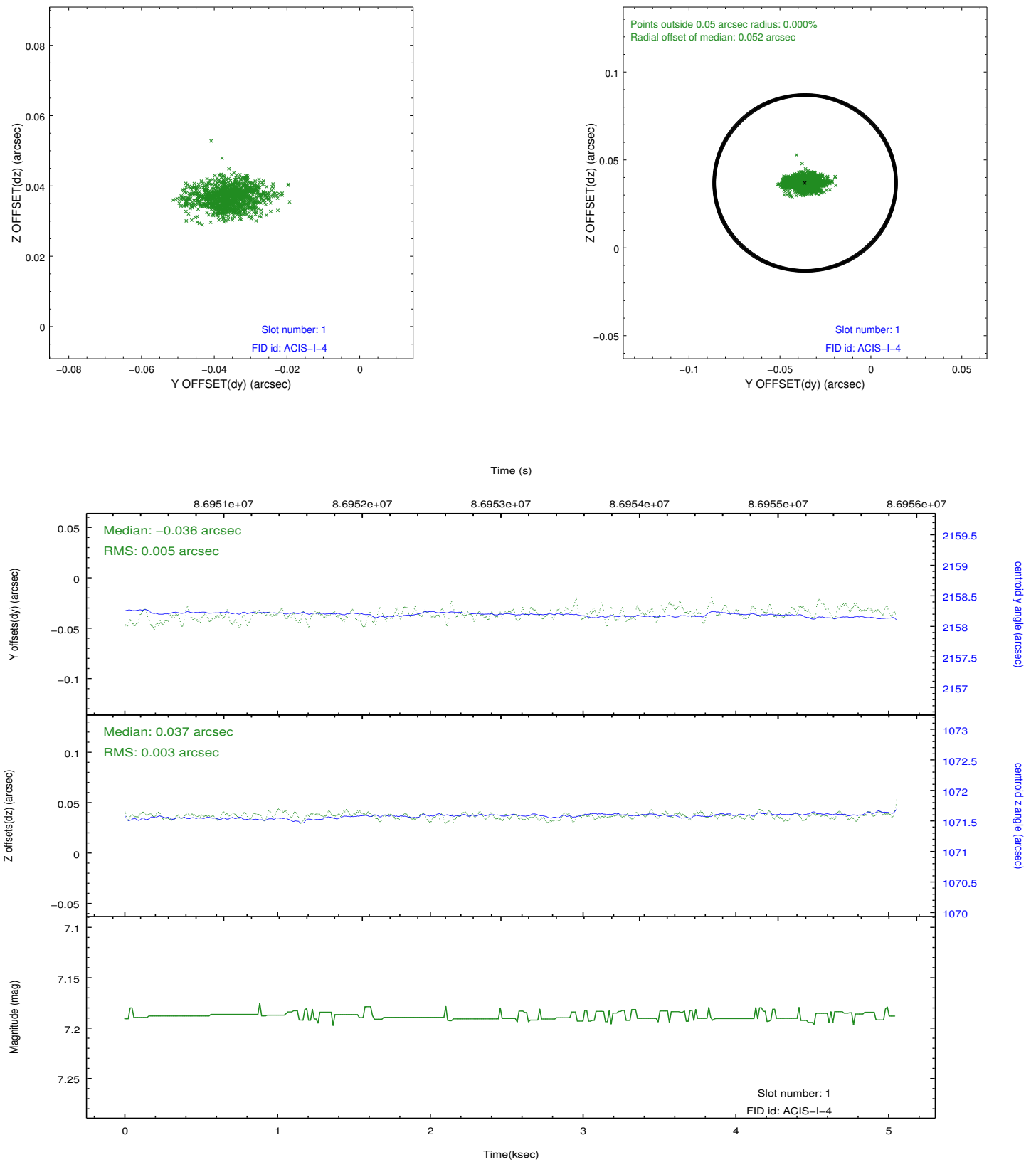


2.5 FID Slots

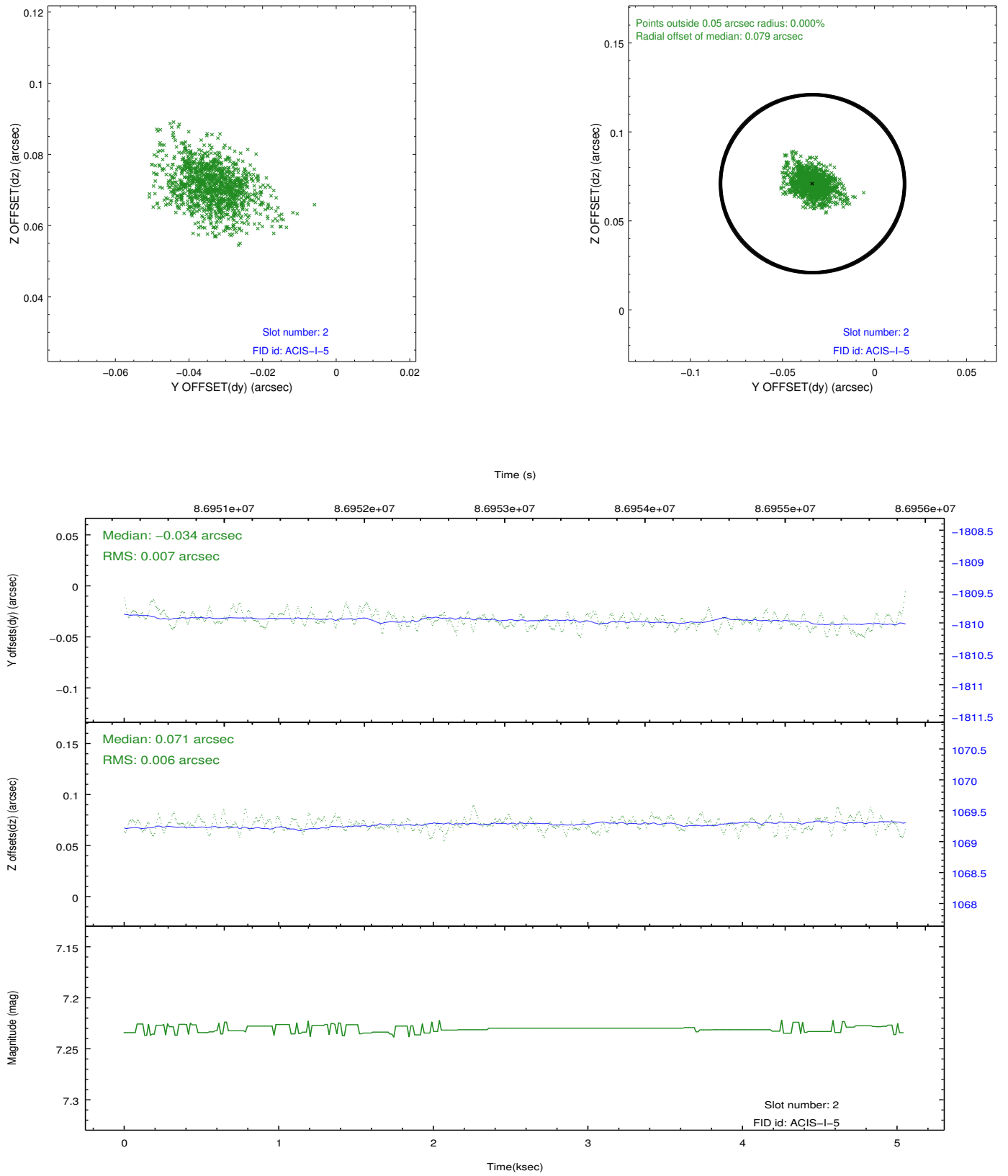
2.5.1 Slot 0



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)	2012.09.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.955

A.2 Comments