

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 2069 - L2 Version 001
Chandra X-Ray Center

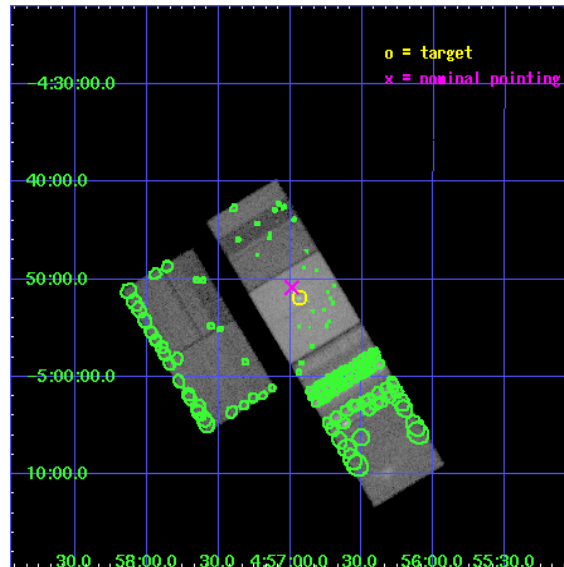
L2 Processing Date : Jun 14 2007

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1 Front

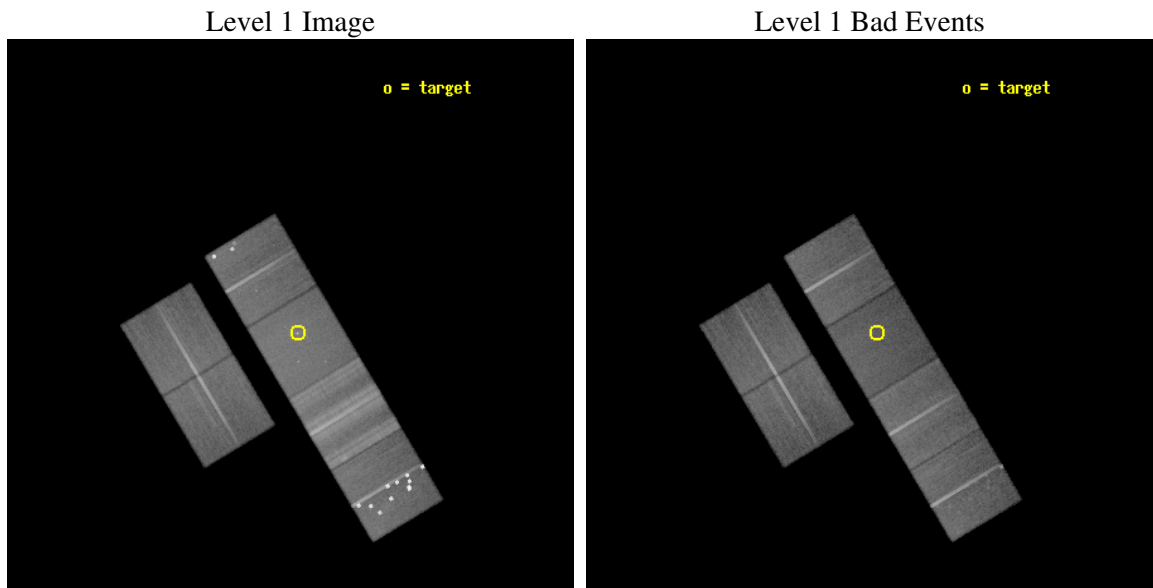
seq_num	600203
obs_id	2069
title	YOUNG ELLIPTICAL GALAXIES AND THE EVOLUTION OF THE HOT INTERSTELLAR MEDIUM
observer	Prof. Thomas Statler
object	NGC 1700
dtcycle	0
cycle	P
ra_targ	74.234583
dec_targ	-4.864444
ra_nom	74.246887744874
dec_nom	-4.8474666656243
roll_nom	59.115671626167
revision	2
ontime	43353.600040376
livetime	42804.630652261
ontime2	43353.600040376
ontime3	43353.600040376
ontime6	43353.600040376
ontime7	43353.600040376
ontime8	43353.600040376
ontime9	43353.600040376
l2events	518969



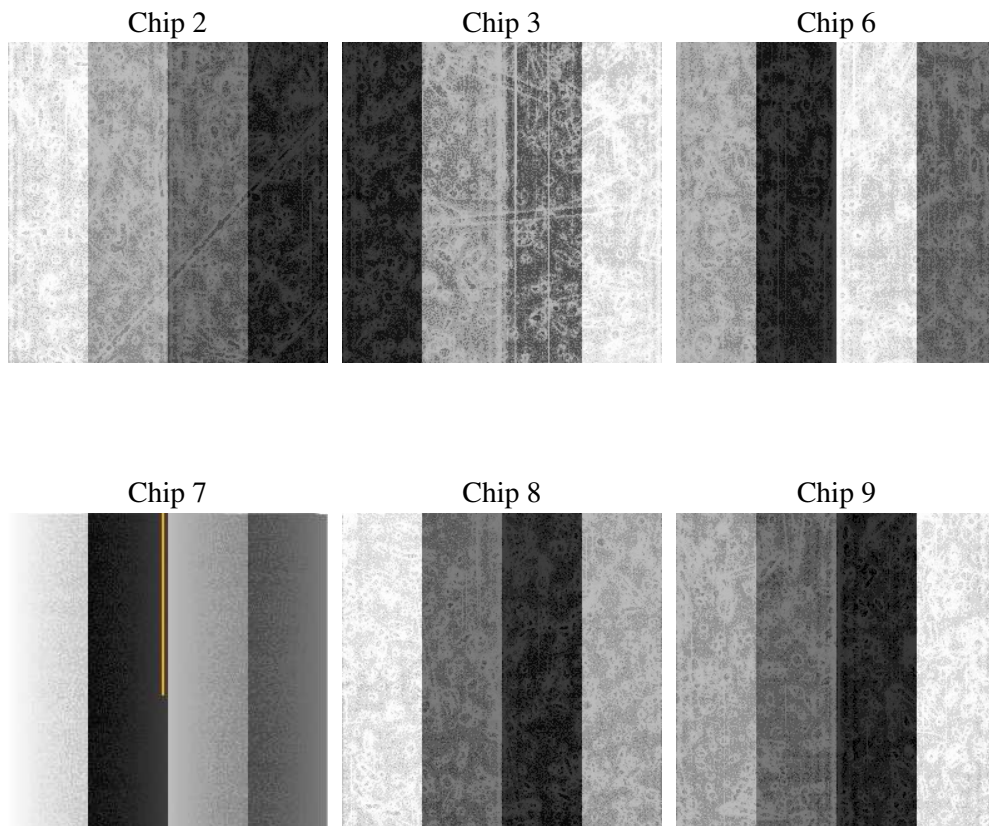
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.10
caldsver	3.4.0
date	2007-06-14T12:19:16
revision	2

sched_exp_time	43400.000000
ontime	43353.600040376
ontime2	43353.600040376
ontime3	43353.600040376
ontime6	43353.600040376
ontime7	43353.600040376
ontime8	43353.600040376
ontime9	43353.600040376
l1events	2355315

2.1.4 Events

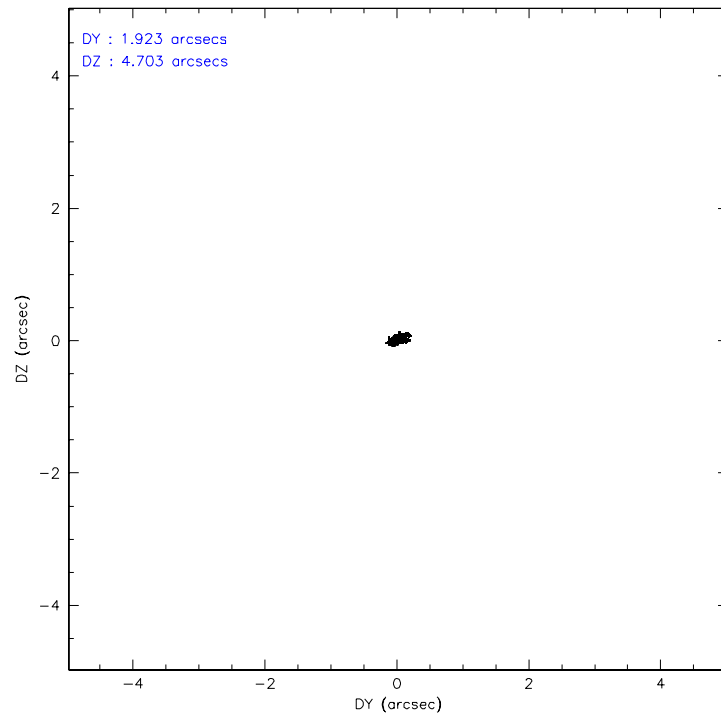
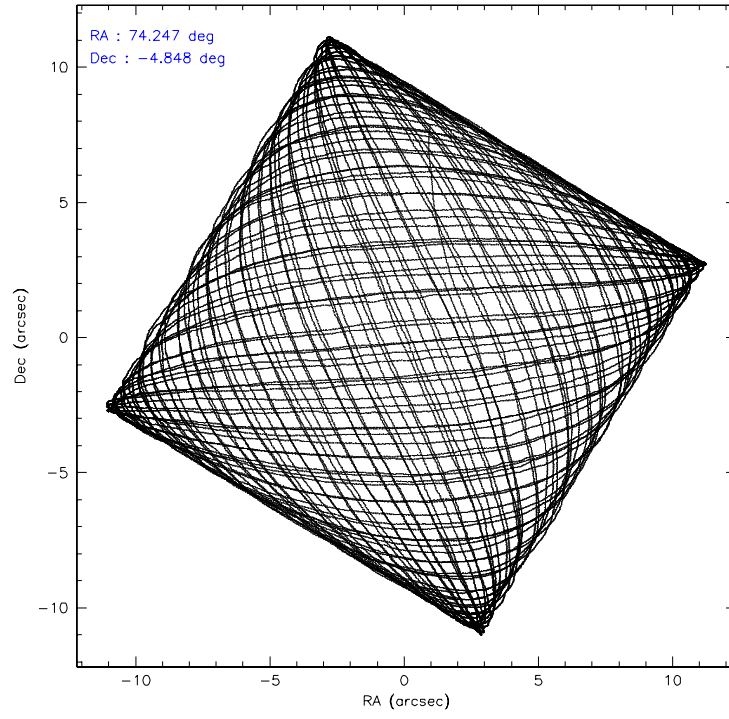
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	313655	308942	346116	369863	551894	464845
rejected events	256276	251235	263952	192757	291331	260969
rejected %	81%	81%	76%	52%	52%	56%

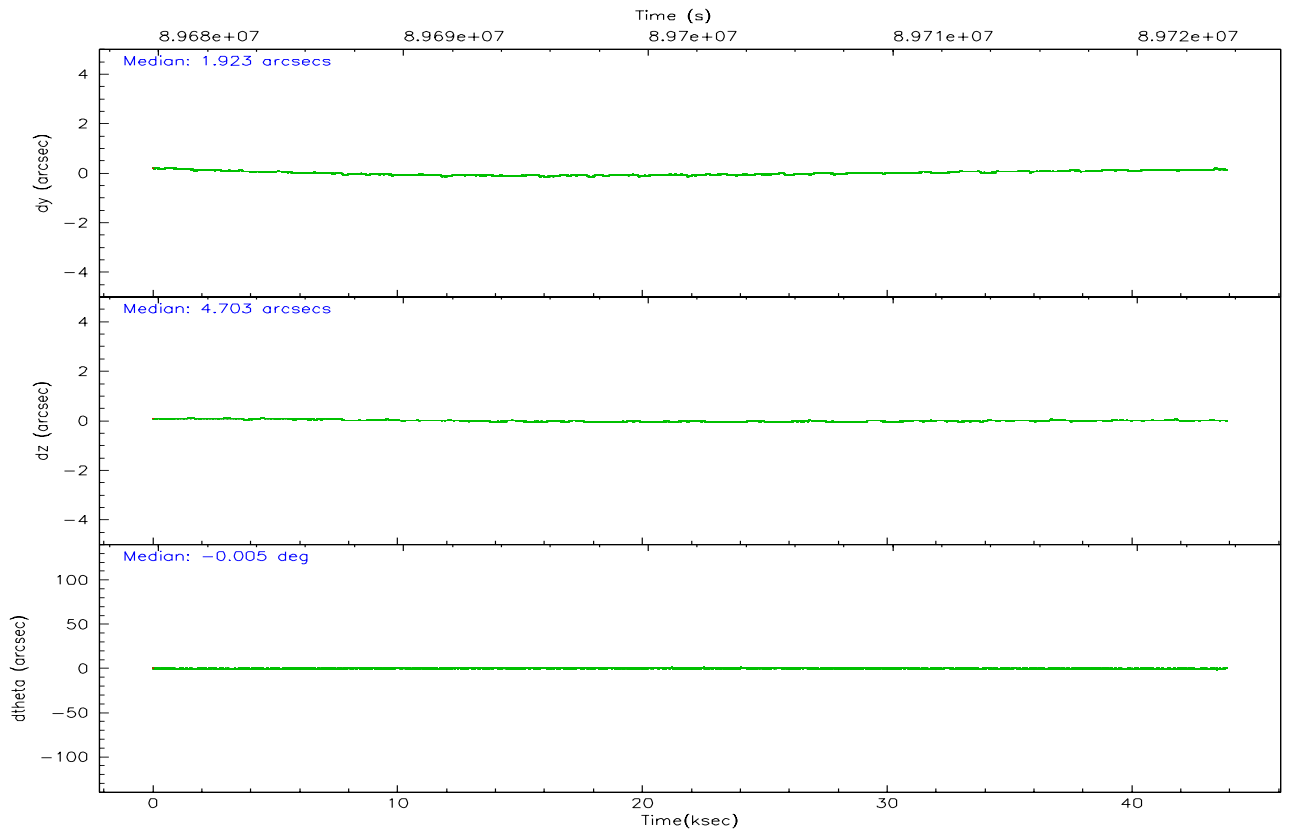
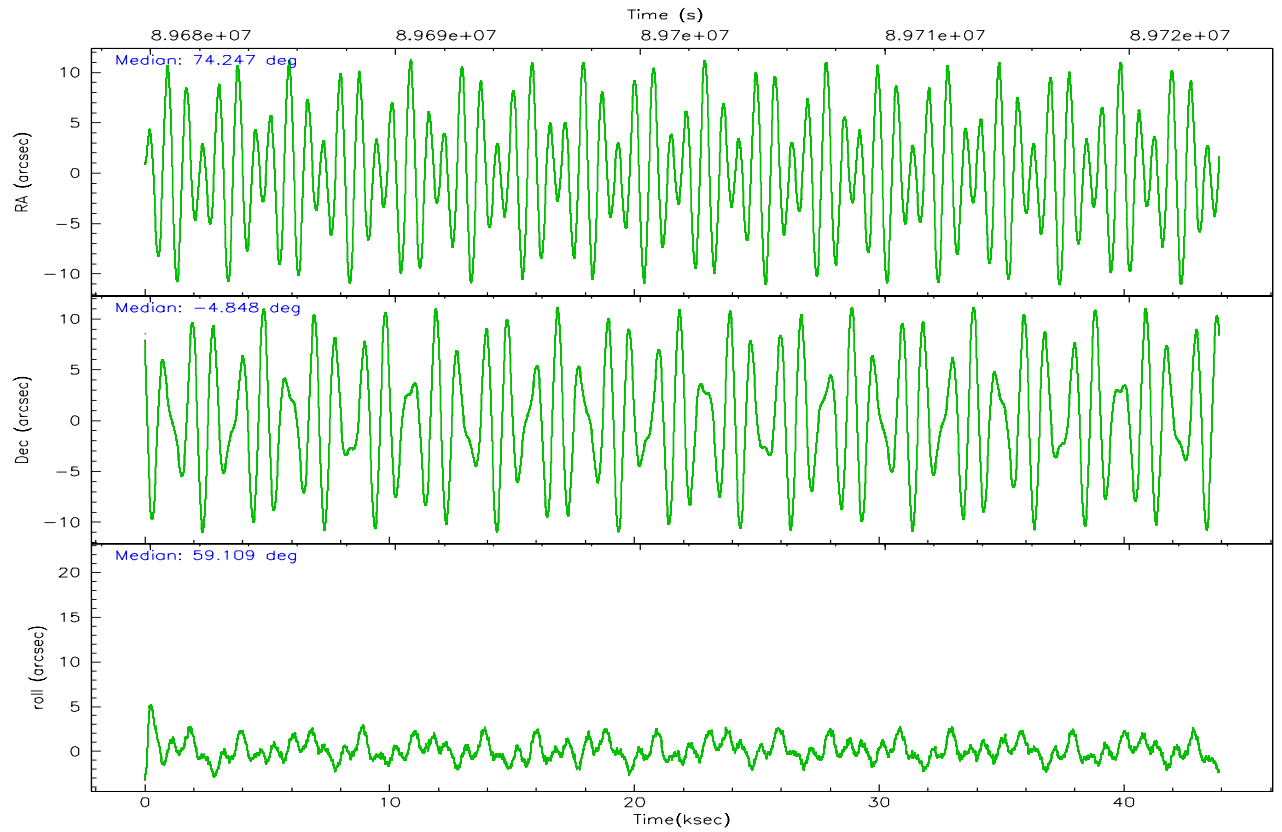
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	26071	23639	47943	19254	101992	153300
	8%	7%	13%	5%	18%	32%
grade 1 events	166	163	326	428	794	797
	0%	0%	0%	0%	0%	0%
grade 2 events	13998	16681	16497	35172	35432	19736
	4%	5%	4%	9%	6%	4%
grade 3 events	2938	3161	3427	15663	44573	3836
	0%	1%	0%	4%	8%	0%
grade 4 events	3795	3455	3568	15633	39809	3657
	1%	1%	1%	4%	7%	0%
grade 5 events	8595	9659	10917	32137	14759	12175
	2%	3%	3%	8%	2%	2%
grade 6 events	10581	10775	10734	91398	38763	23361
	3%	3%	3%	24%	7%	5%
grade 7 events	247511	241409	252704	160178	275772	247983
	78%	78%	73%	43%	49%	53%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-236789	ACIS-236789	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	74.246676	74.24688774487434	Subarray requested	NONE	NONE
Pointing Dec	-4.874811	-4.847466665624276	Alternating exposures requested	N	N
Pointing Roll	58.959027	59.11567162616692	Primary exposure time	0.000000	3.2
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.145094680475			
SIM translation stage offset (mm)	0	0.01257209746719923			
Observation start time	89680265.184000	89679159.072375			
Observation start date	2000-11-03T23:10:01	2000-11-03T22:52:39			
Observation end time	89723665.184000	89724419.48658399			
Observation end date	2000-11-04T11:13:21	2000-11-04T11:26:59			
Read mode	TIMED	TIMED			

2.3 Aspect



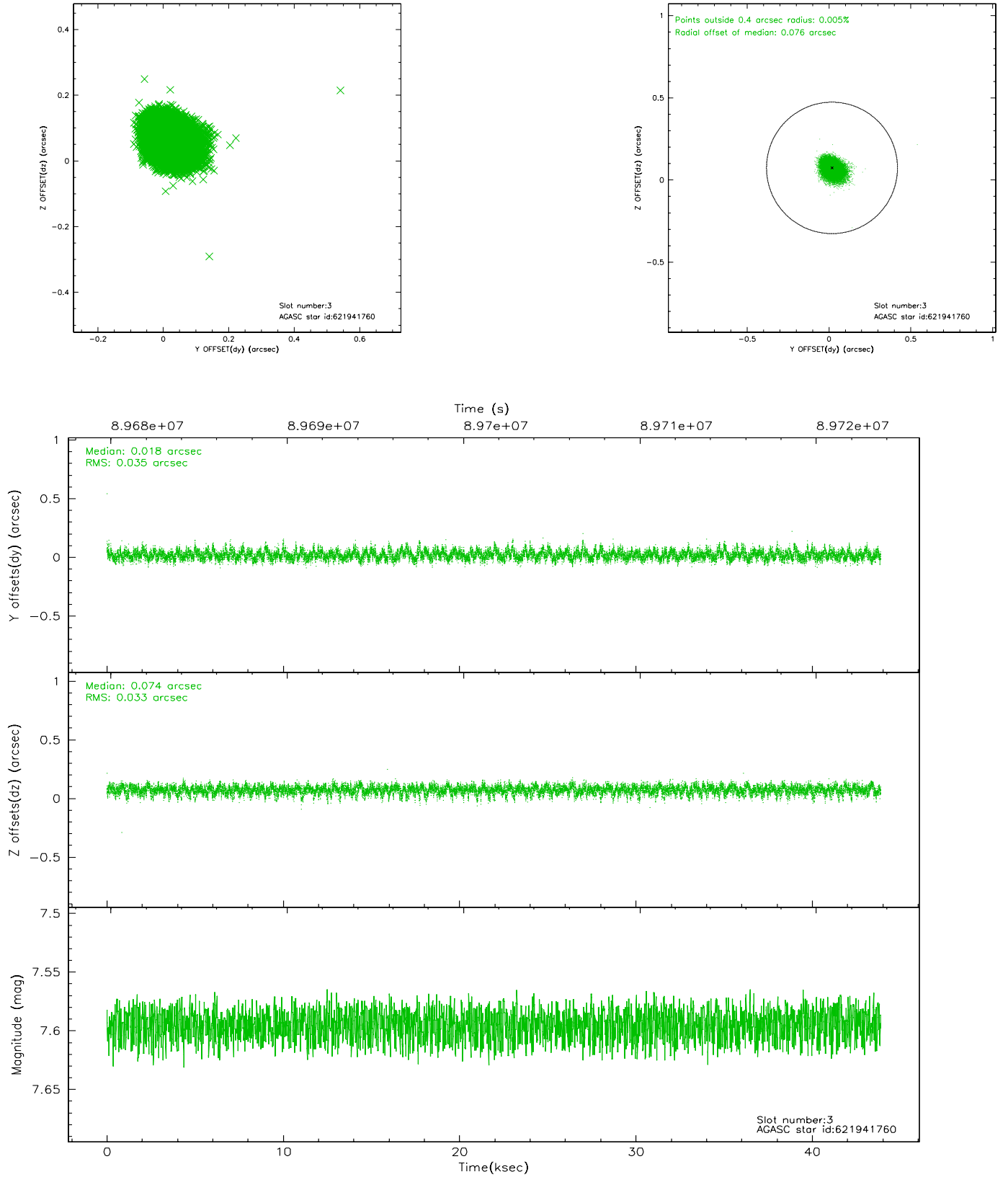


Slot Statistics

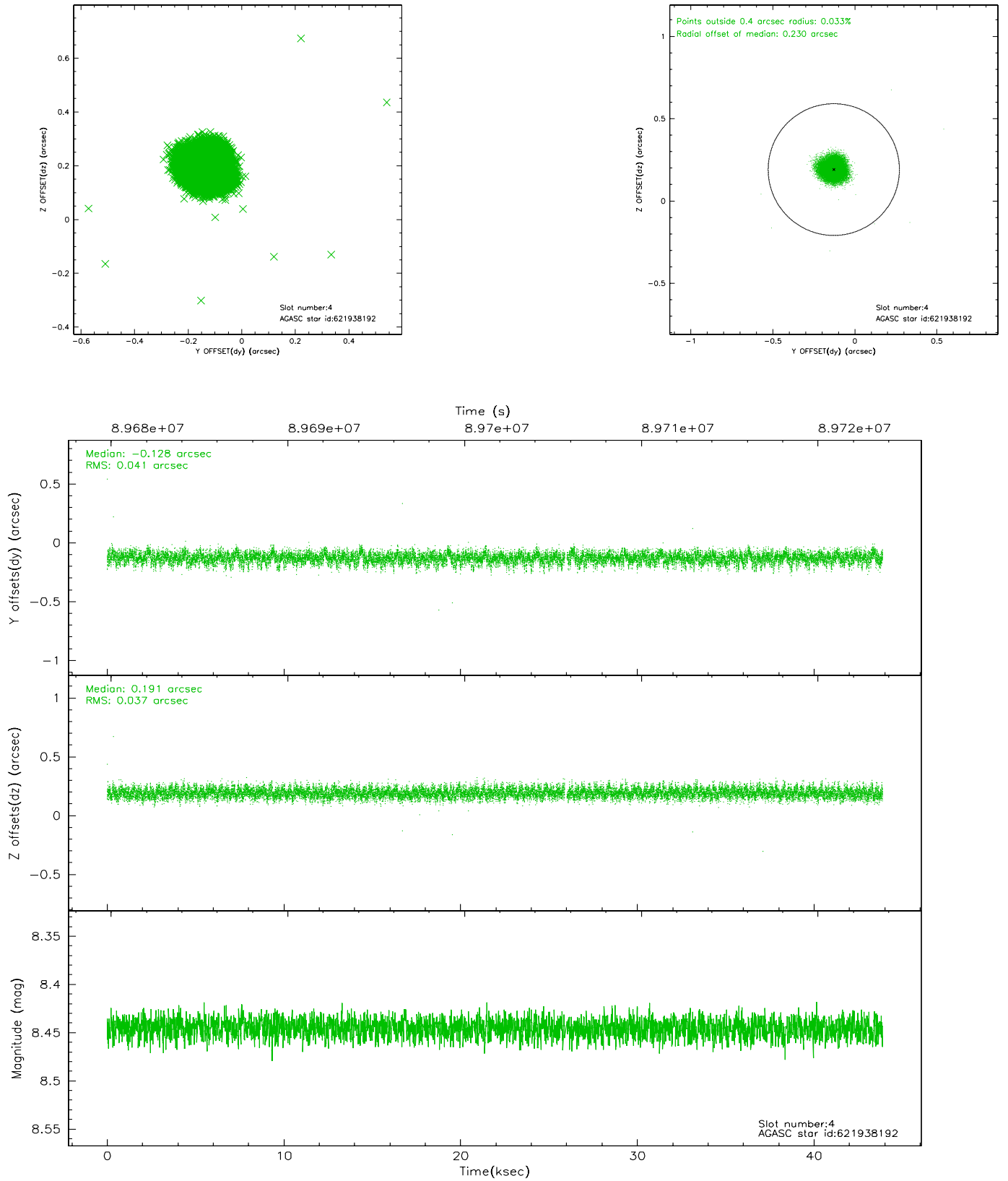
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	10705	-0.026	0.012	0.006	0.010	0.000000	0.000000	-754.55	-1725.71
1	FID	ACIS-S-4	7.21	10704	-0.050	0.009	0.005	0.009	0.000000	0.000000	2158.68	182.81
2	FID	ACIS-S-5	7.24	10704	0.045	-0.012	0.006	0.010	0.000000	0.000000	-1807.34	176.41
3	GUIDE	621941760	7.59	21410	0.018	0.074	0.051	0.086	74.451594	-4.654954	1057.19	-221.49
4	GUIDE	621938192	8.45	21340	-0.128	0.191	0.058	0.093	74.954040	-4.702023	1840.68	-1853.83
5	GUIDE	621941872	8.41	21412	0.064	-0.097	0.067	0.110	74.186374	-4.781099	177.56	359.40
6	GUIDE	621943896	8.32	21407	0.103	0.060	0.060	0.100	74.020348	-5.322840	-1800.30	-136.54
7	GUIDE	621942448	9.51	21404	-0.058	-0.226	0.110	0.169	73.817145	-4.339431	855.48	2314.85

2.4 Star Slots

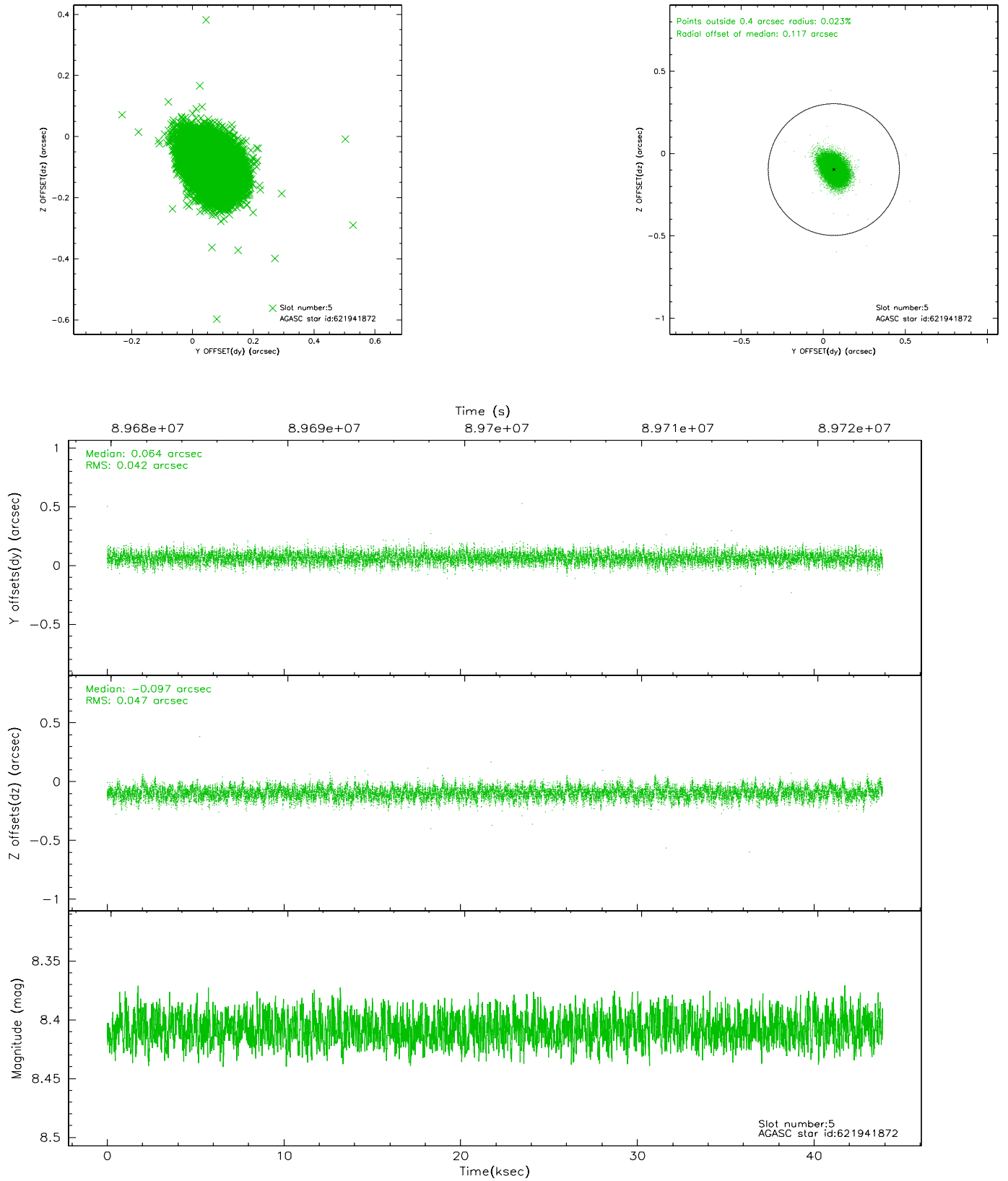
2.4.1 Slot 3



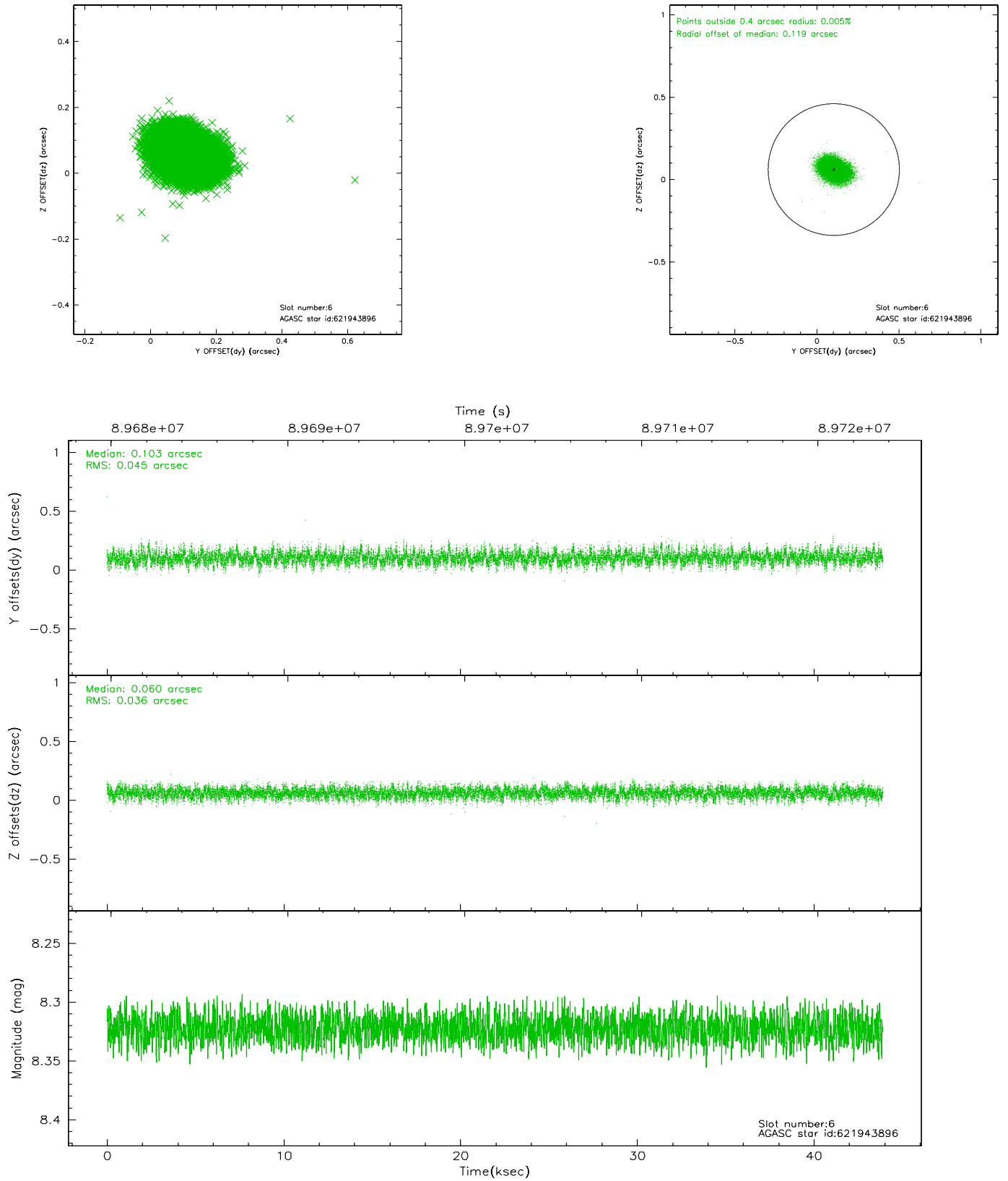
2.4.2 Slot 4



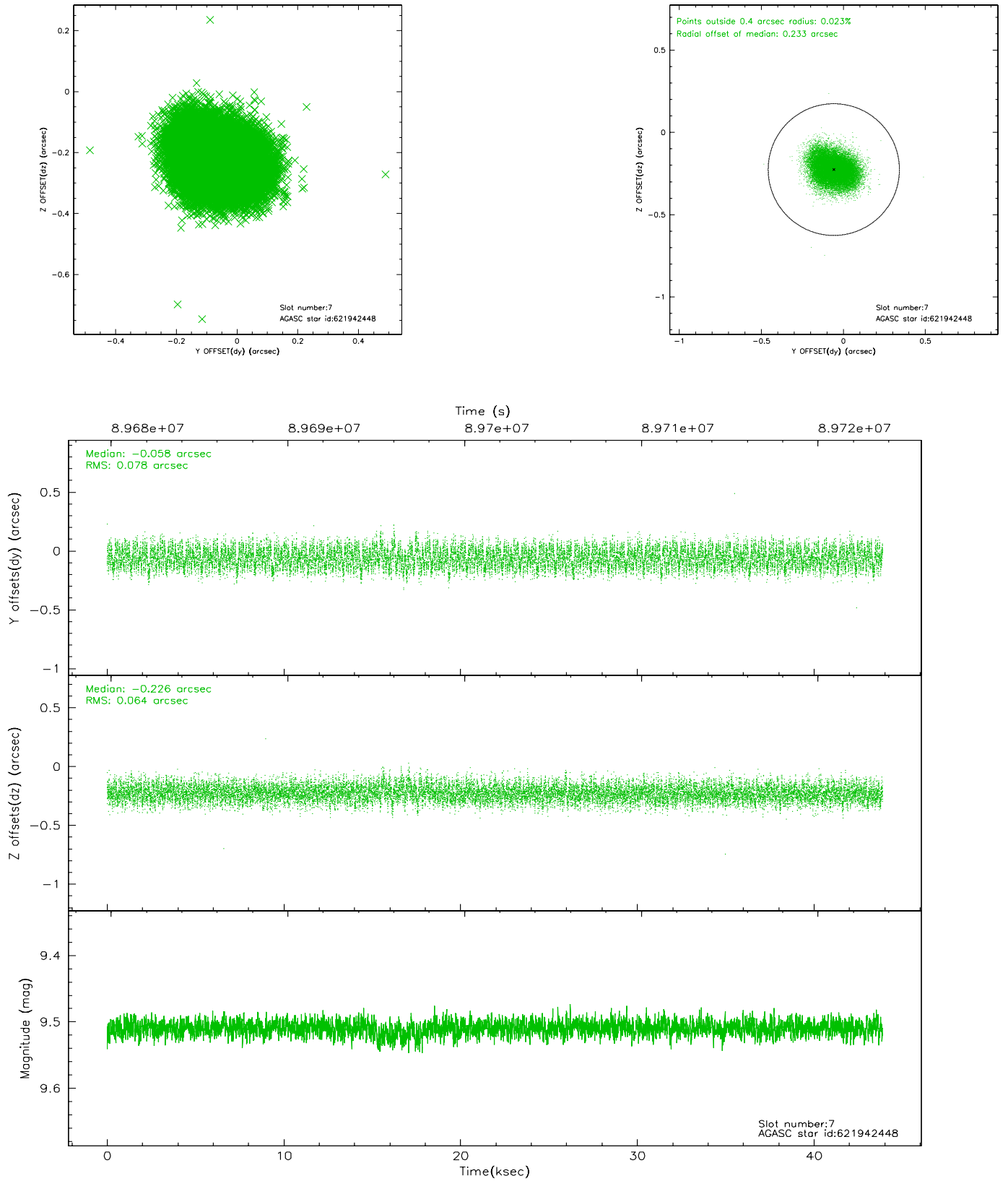
2.4.3 Slot 5



2.4.4 Slot 6

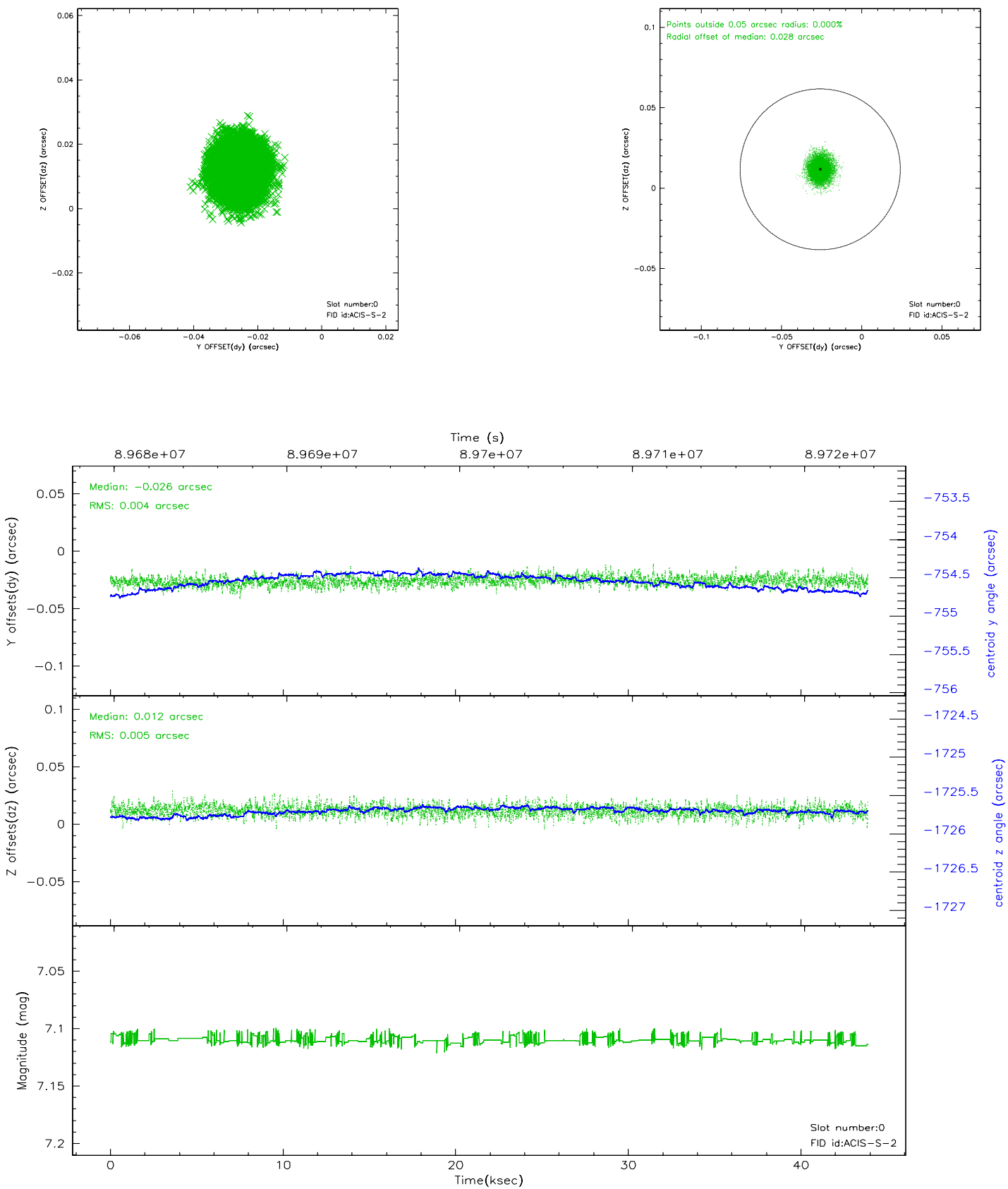


2.4.5 Slot 7

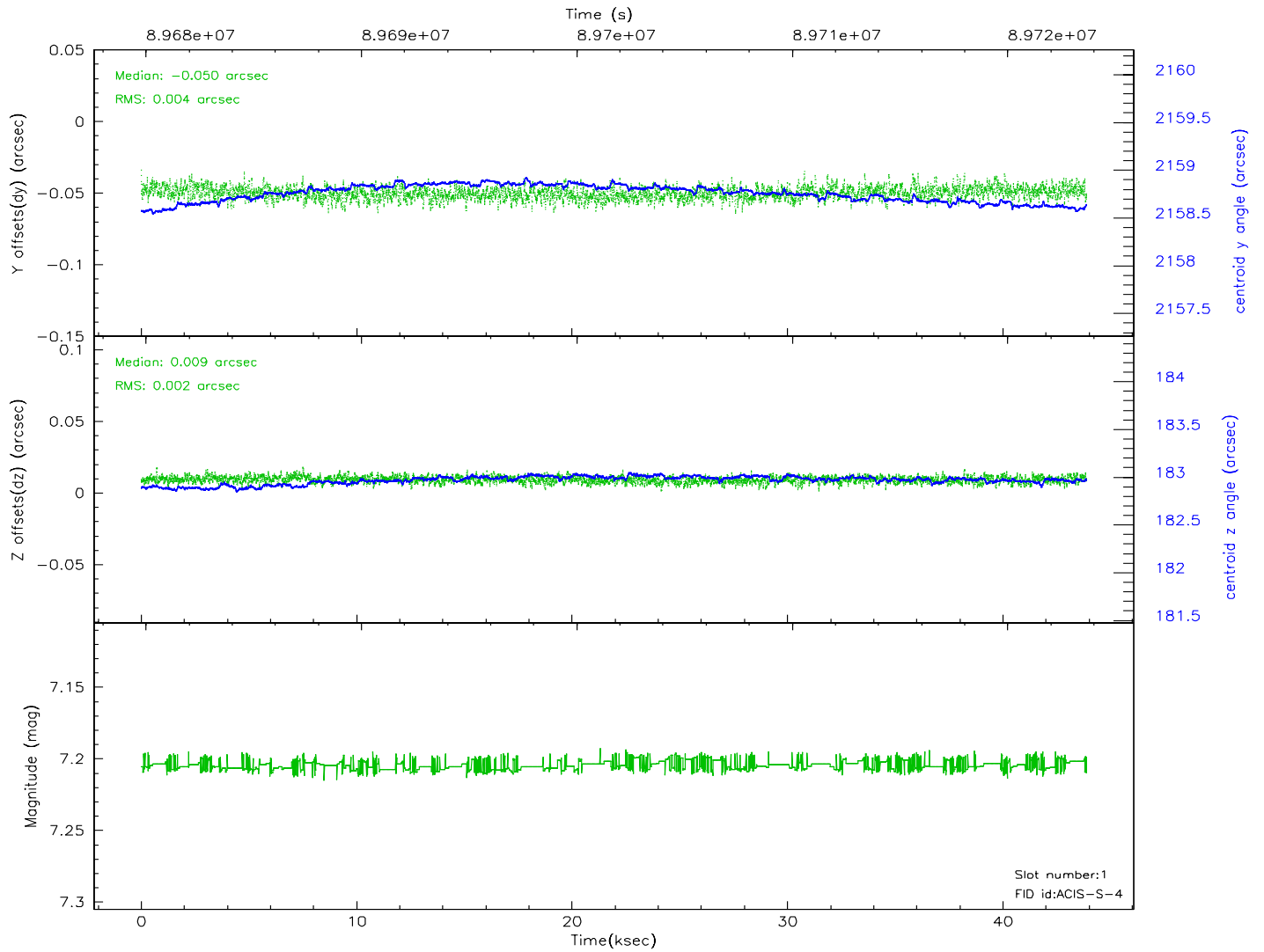
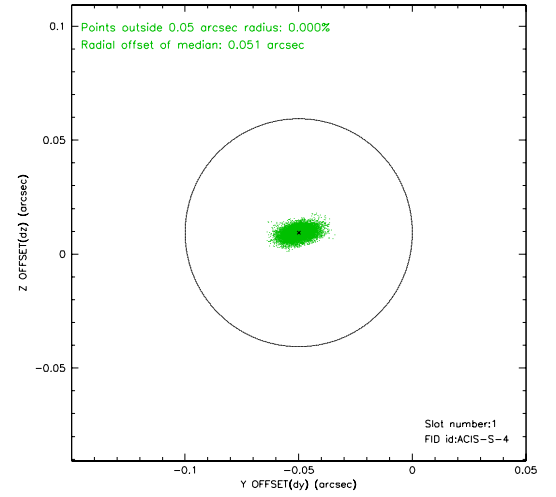
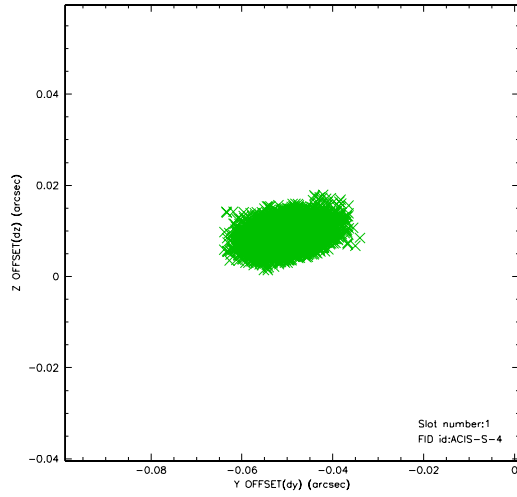


2.5 FID Slots

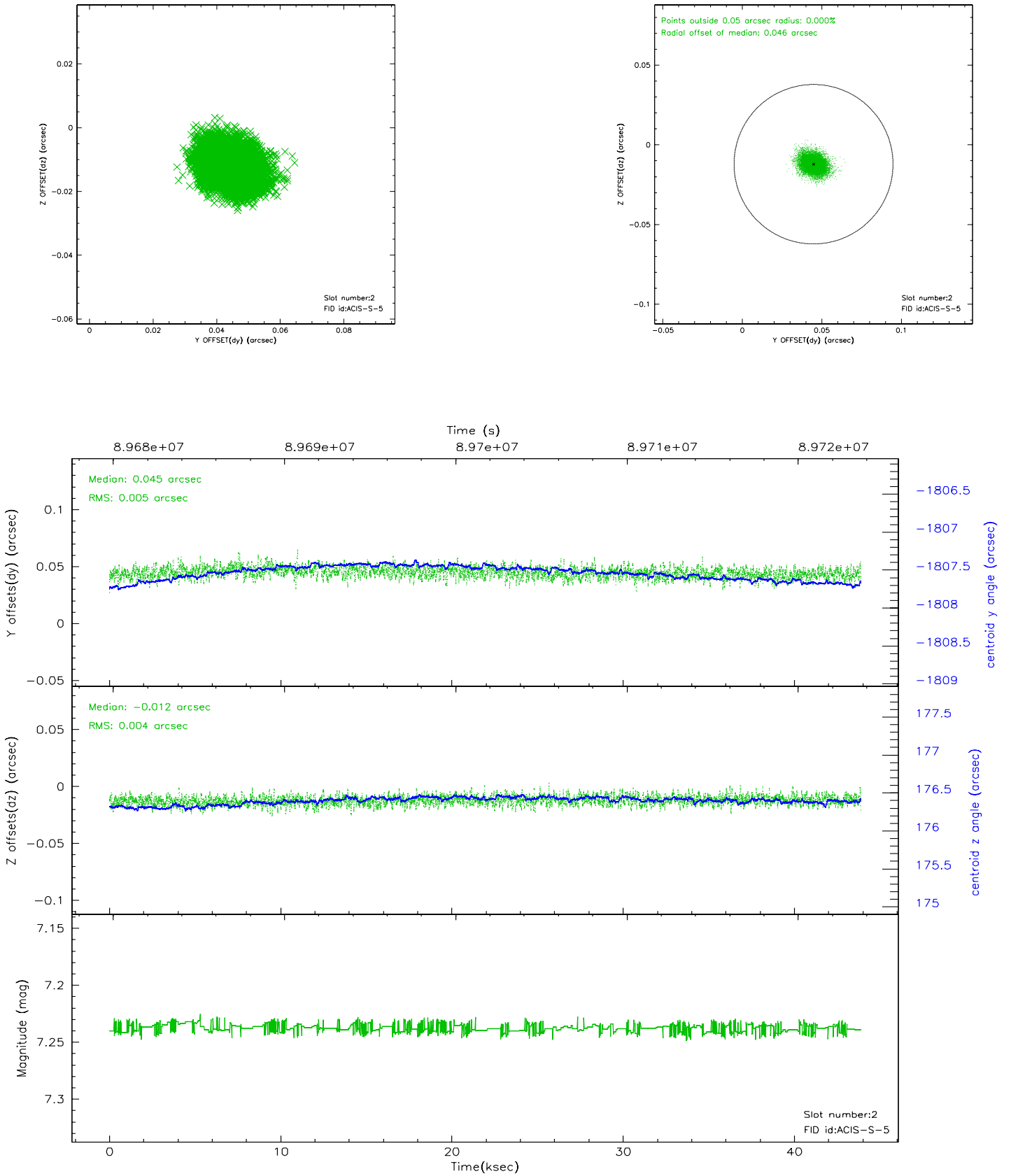
2.5.1 Slot 0



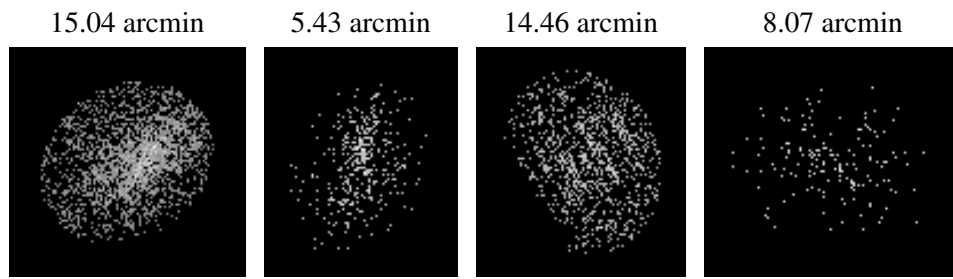
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.06.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	43.347

A.2 Comments

Roll constraint met.