

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 5039 - L2 Version 001
Chandra X-Ray Center

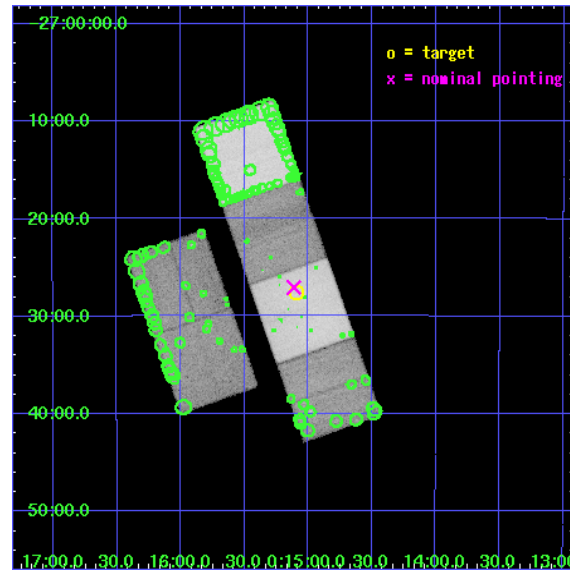
L2 Processing Date : Apr 25 2006

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1 Front

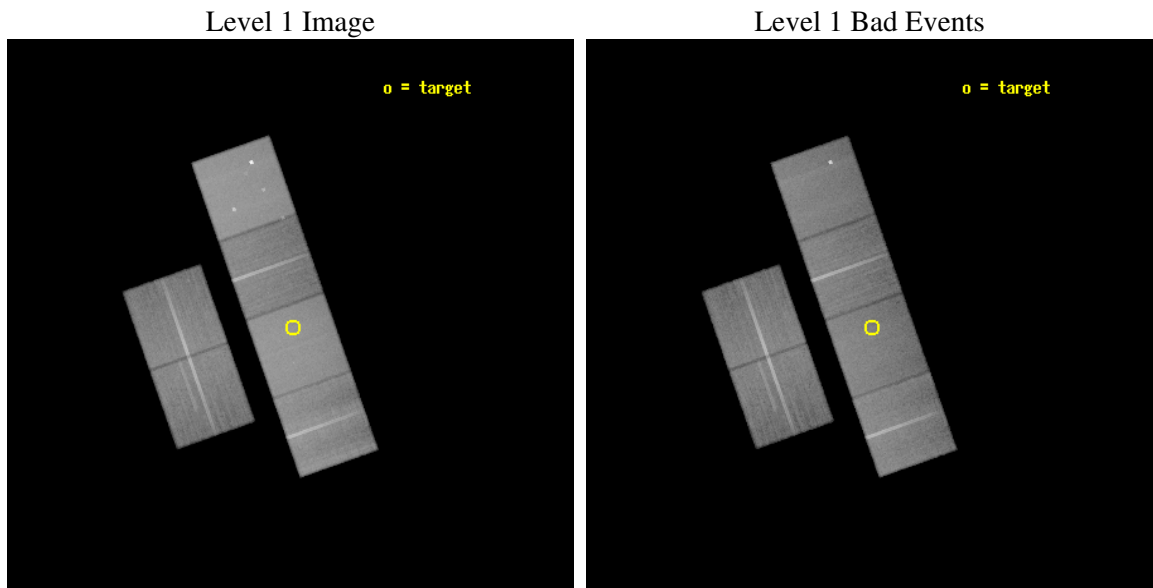
seq_num	900345
obs_id	5039
title	The Missing Baryons in the Local Group
observer	DR. Joel Bregman
object	MS30.7_off
dtcycle	0
cycle	P
ra_targ	3.772833
dec_targ	-27.459639
ra_nom	3.7781774060914
dec_nom	-27.451238769105
roll_nom	70.626420630976
revision	2
ontime	49884.799814165
livetime	49253.128441897
ontime2	49881.558823884
ontime3	49884.799814165
ontime5	49884.799814165
ontime6	49884.799814165
ontime7	49884.799814165
ontime8	49884.799814165
l2events	726808



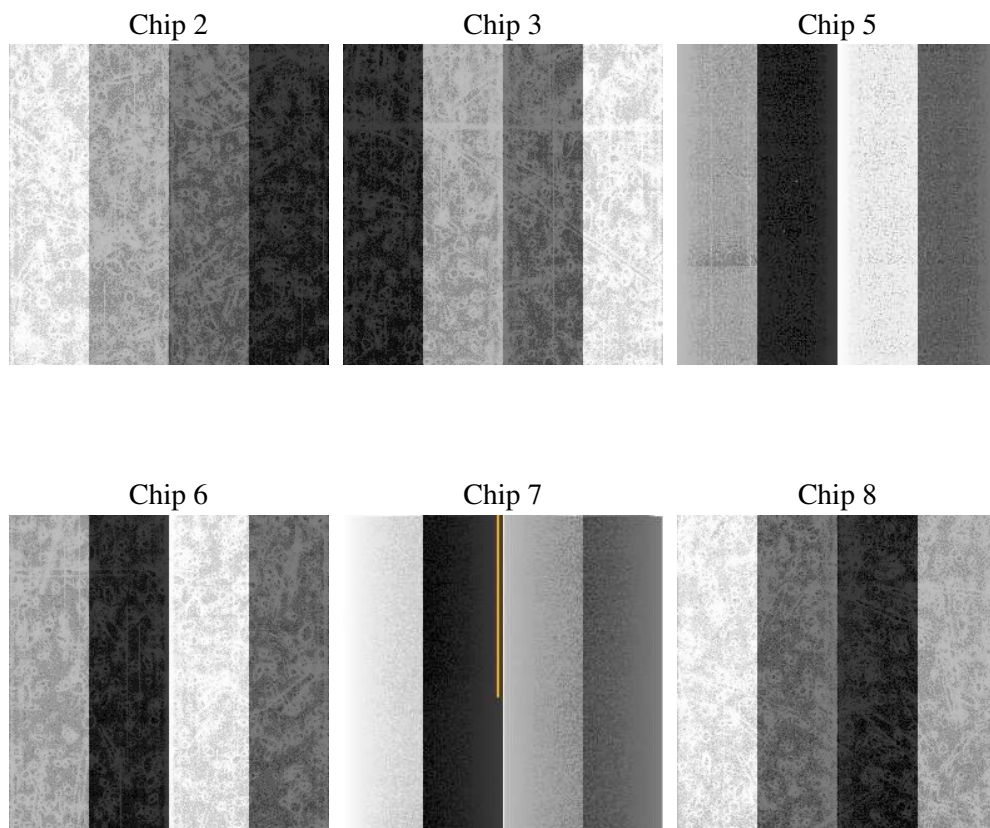
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	3
ascdsver	7.6.7.2
caldsver	3.2.1
date	2006-04-25T02:34:11
revision	2

sched_exp_time	49929.440000
ontime	49888.891580969
ontime2	49885.650580794
ontime3	49888.891571075
ontime5	49888.891571075
ontime6	49888.891571075
ontime7	49888.891580969
ontime8	49888.891571075
l1events	2822381

2.1.4 Events

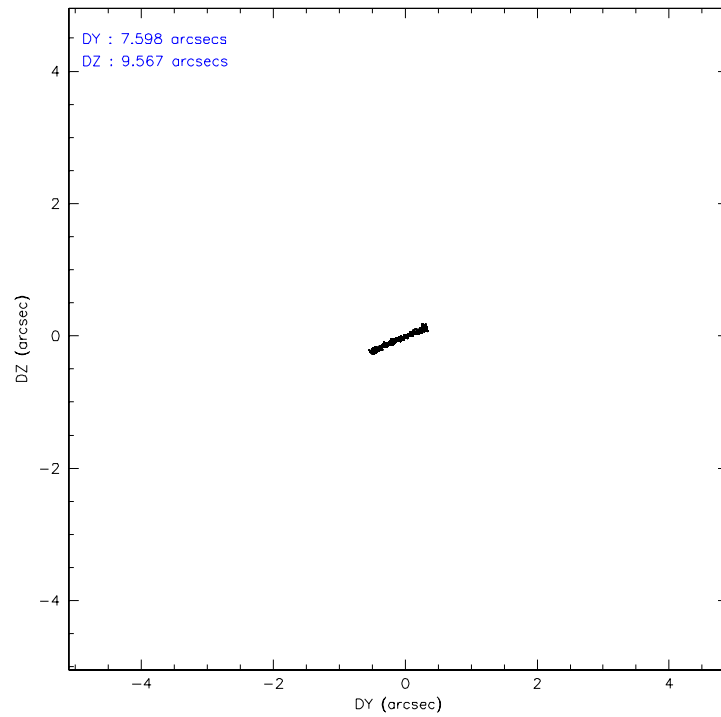
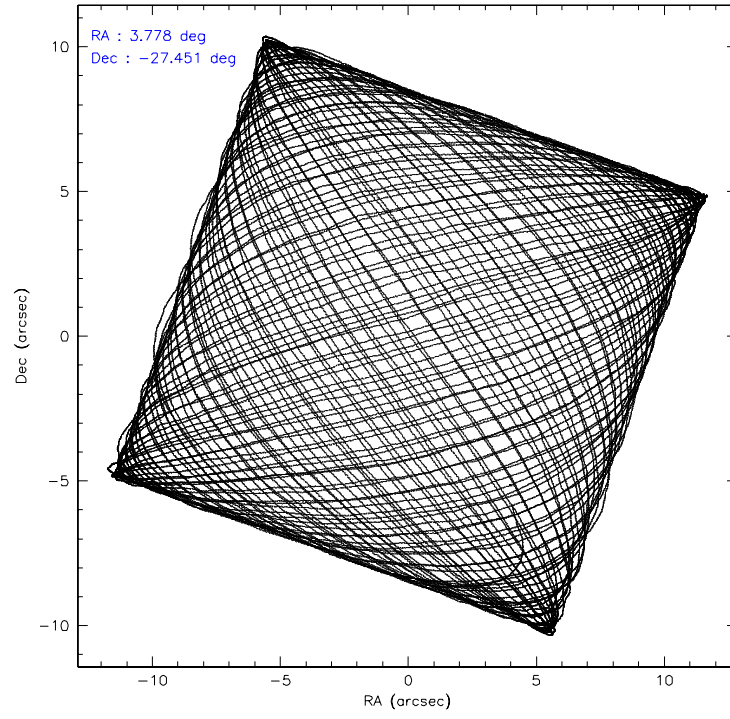
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	392543	372560	615046	391998	558928	491306
rejected events	336331	316986	320951	330604	318314	372308
rejected %	85%	85%	52%	84%	56%	75%

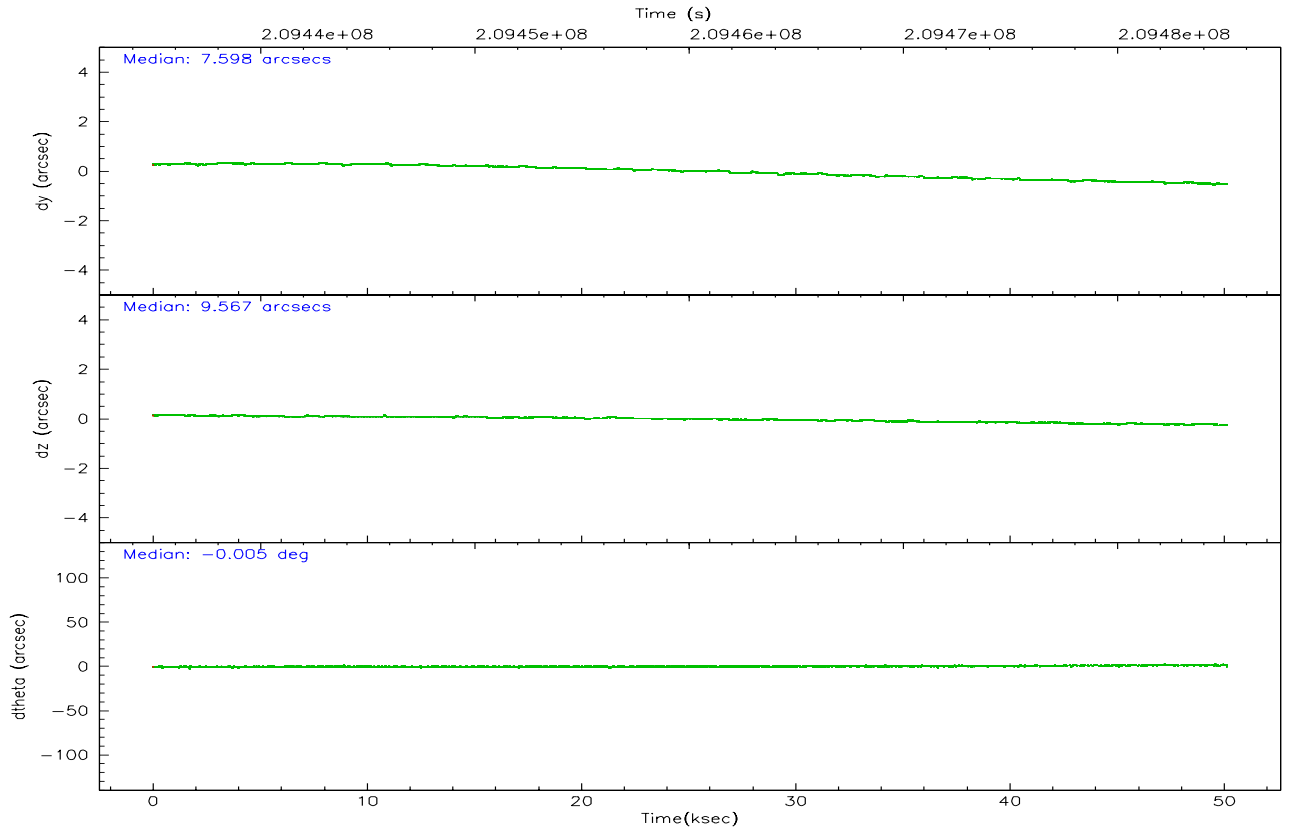
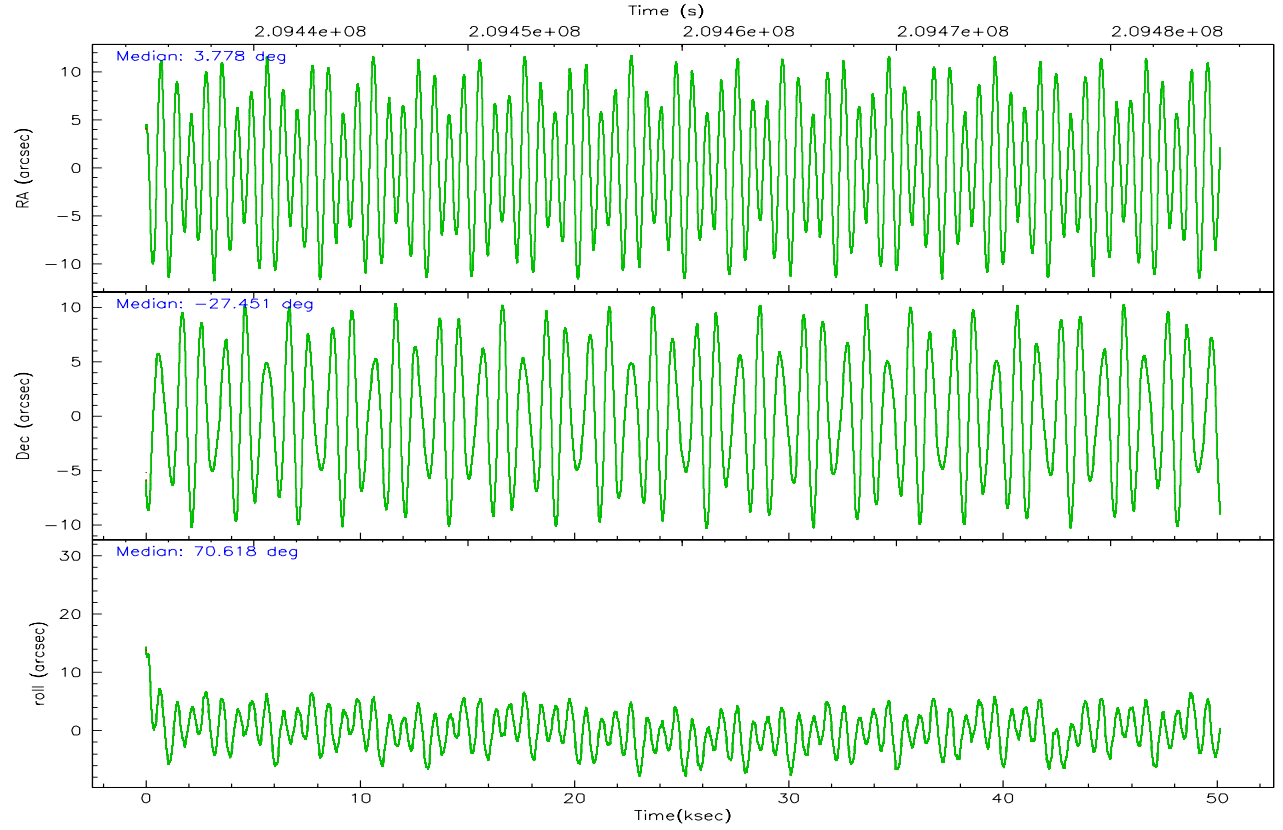
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	29423	28933	23099	31350	14827	46174
	7%	7%	3%	7%	2%	9%
grade 1 events	266	291	498	247	326	350
	0%	0%	0%	0%	0%	0%
grade 2 events	10371	9769	93463	11518	56500	24364
	2%	2%	15%	2%	10%	4%
grade 3 events	4417	4649	7359	4520	11786	11119
	1%	1%	1%	1%	2%	2%
grade 4 events	4501	4527	6779	4596	11387	10447
	1%	1%	1%	1%	2%	2%
grade 5 events	14477	16544	27829	17399	32193	22101
	3%	4%	4%	4%	5%	4%
grade 6 events	7507	7698	163438	9417	146141	26899
	1%	2%	26%	2%	26%	5%
grade 7 events	321581	300149	292581	312951	285768	349852
	81%	80%	47%	79%	51%	71%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-235678	ACIS-235678	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	3.784260	3.778177406091414	Alternating exposures requested	N	N
Pointing Dec	-27.477912	-27.45123876910457	Primary exposure time	0.000000	3.2
Pointing Roll	70.472598	70.62642063097567			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1425803651734			
SIM translation stage offset (mm)	0	0.01005778216563158			
Observation start time	209435168.184000	209434196.98474			
Observation start date	2004-08-21T00:25:04	2004-08-21T00:09:56			
Observation end time	209485097.184000	209485319.88702			
Observation end date	2004-08-21T14:17:13	2004-08-21T14:21:59			
Read mode	TIMED	TIMED			

2.3 Aspect



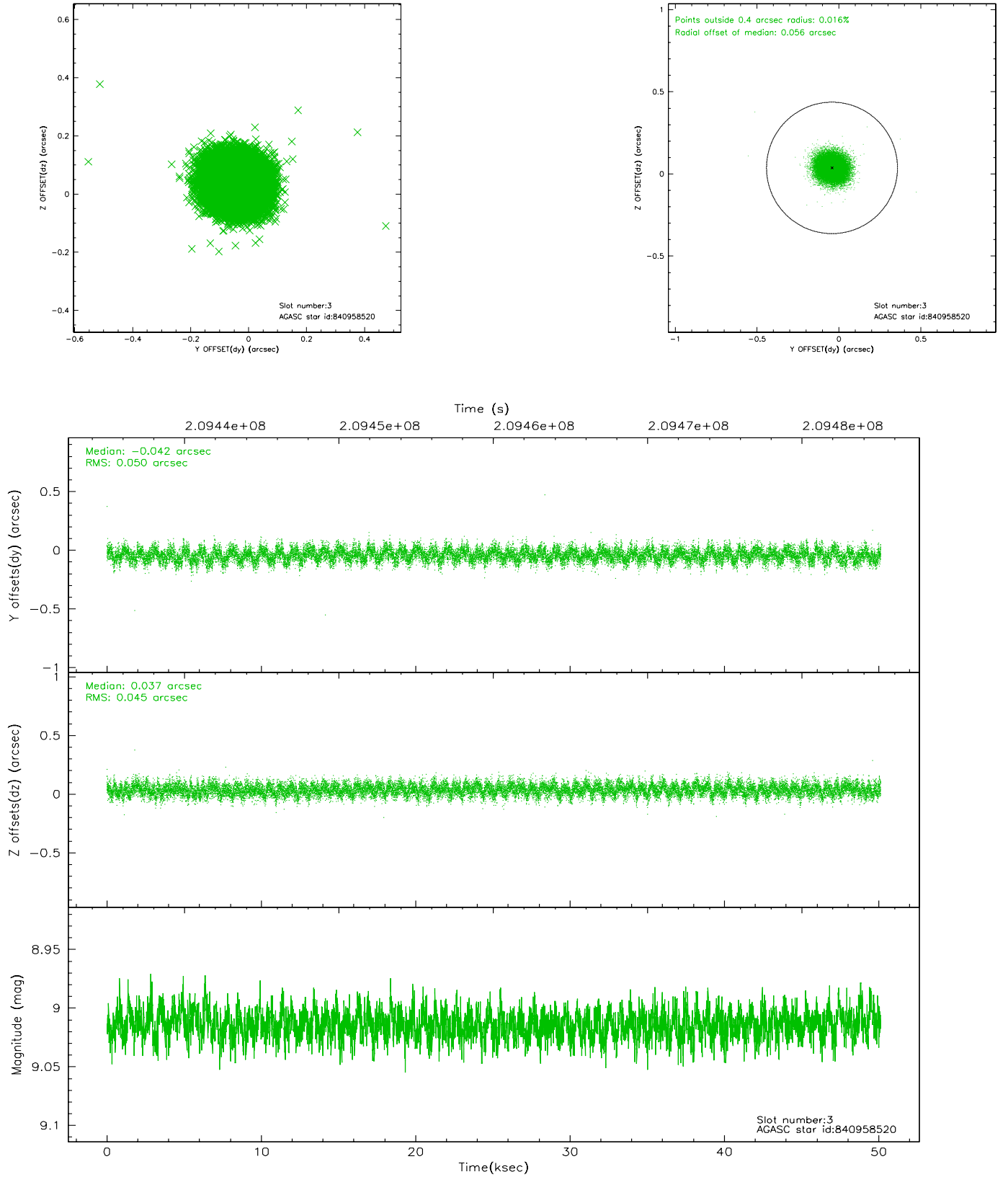


Slot Statistics

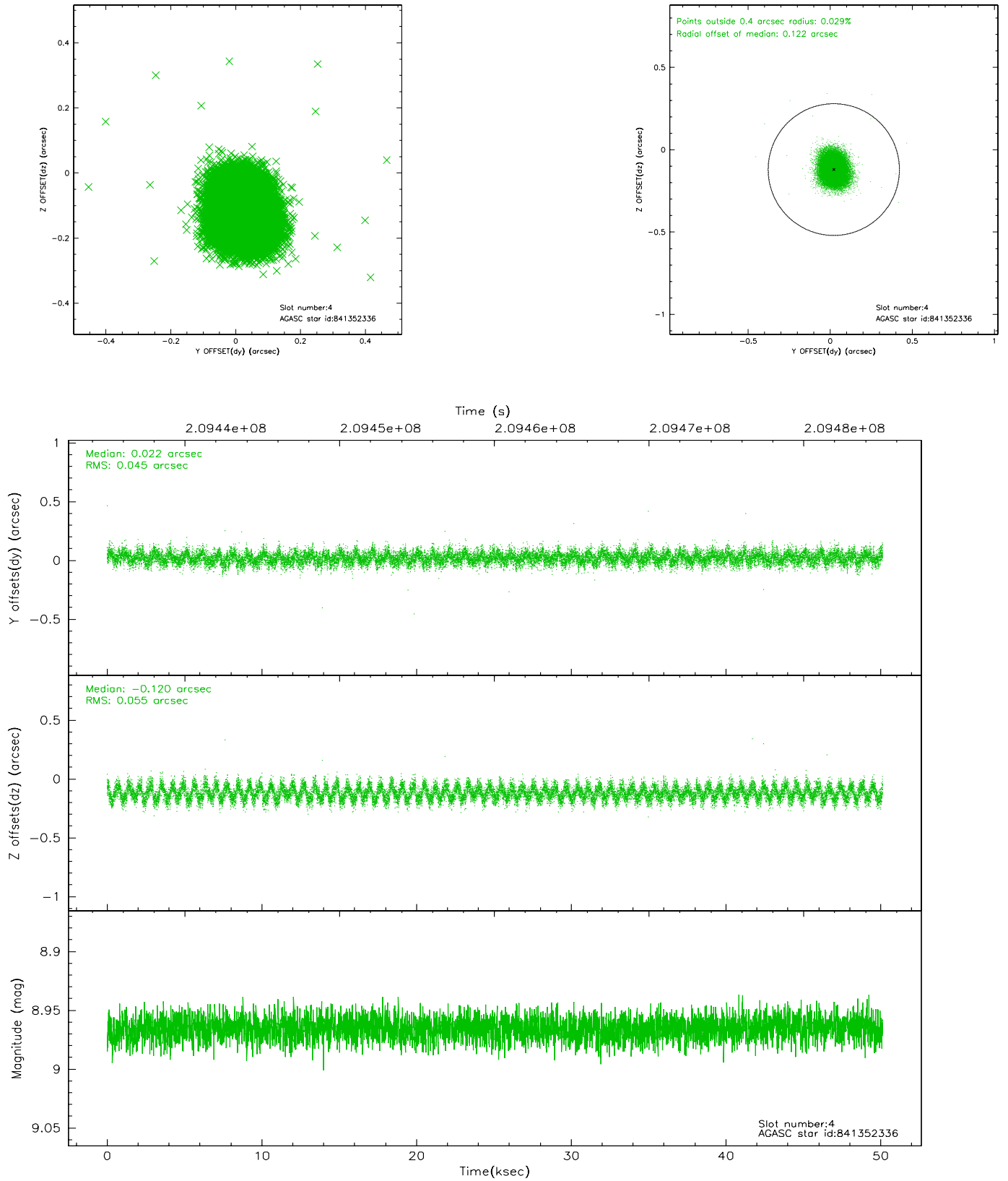
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	12229	-0.030	-0.014	0.008	0.014	0.000000	0.000000	-760.34	-1730.75
1	FID	ACIS-S-4	7.20	12228	0.057	0.018	0.012	0.018	0.000000	0.000000	2153.00	177.83
2	FID	ACIS-S-5	7.23	12229	-0.059	0.004	0.012	0.019	0.000000	0.000000	-1813.27	171.40
3	GUIDE	840958520	9.01	24432	-0.042	0.037	0.072	0.115	3.606307	-27.169909	853.85	908.07
4	GUIDE	841352336	8.97	24442	0.022	-0.120	0.076	0.120	3.763646	-27.502481	-104.92	32.31
5	GUIDE	841354056	8.10	24454	-0.030	-0.000	0.084	0.132	3.289758	-27.813509	-1667.96	1079.00
6	GUIDE	841354256	8.44	24453	0.048	-0.029	0.081	0.132	3.053997	-27.784539	-1824.30	1820.58
7	GUIDE	841354448	9.37	24438	0.005	0.112	0.105	0.168	4.042978	-27.778320	-744.98	-1137.43

2.4 Star Slots

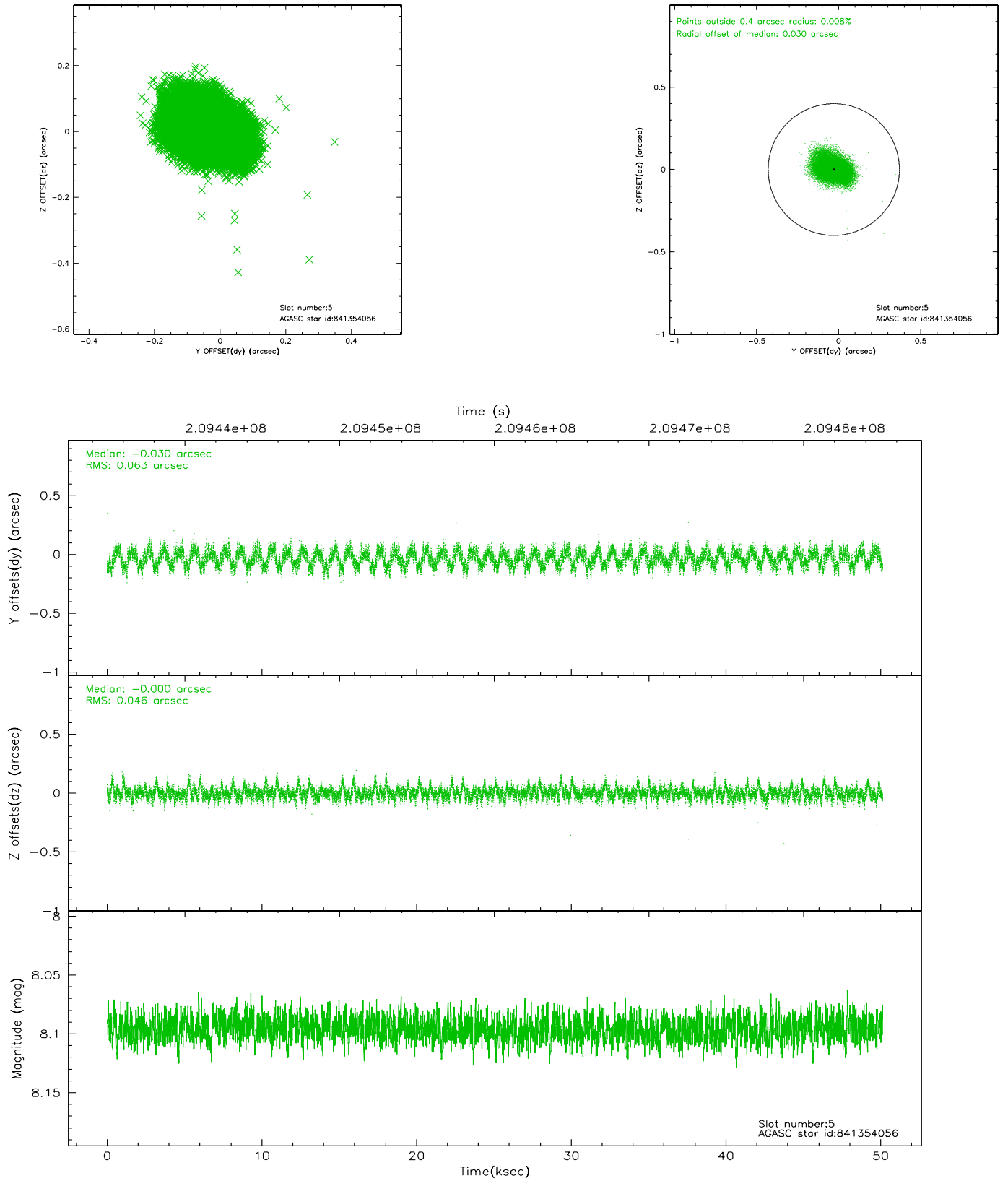
2.4.1 Slot 3



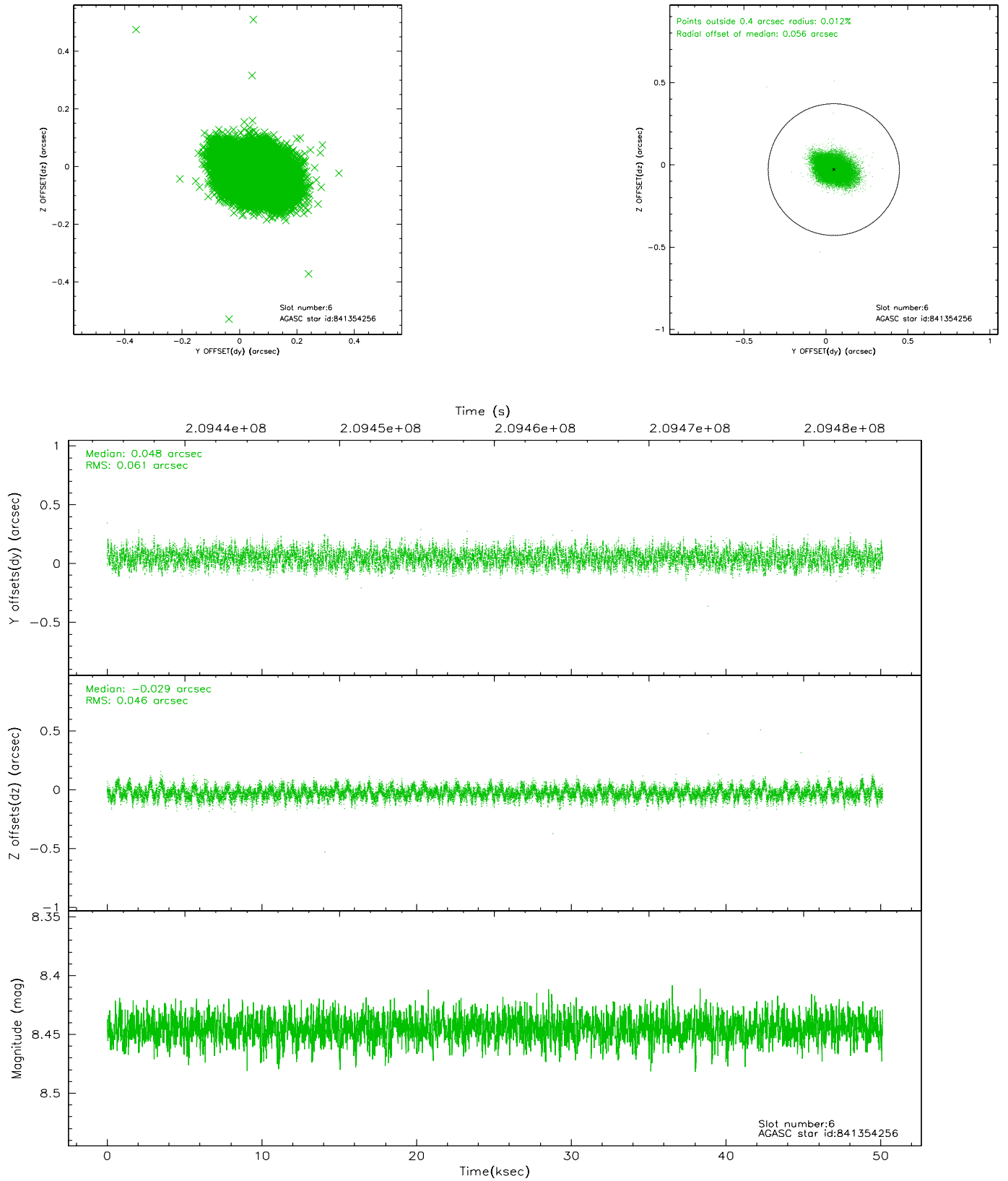
2.4.2 Slot 4



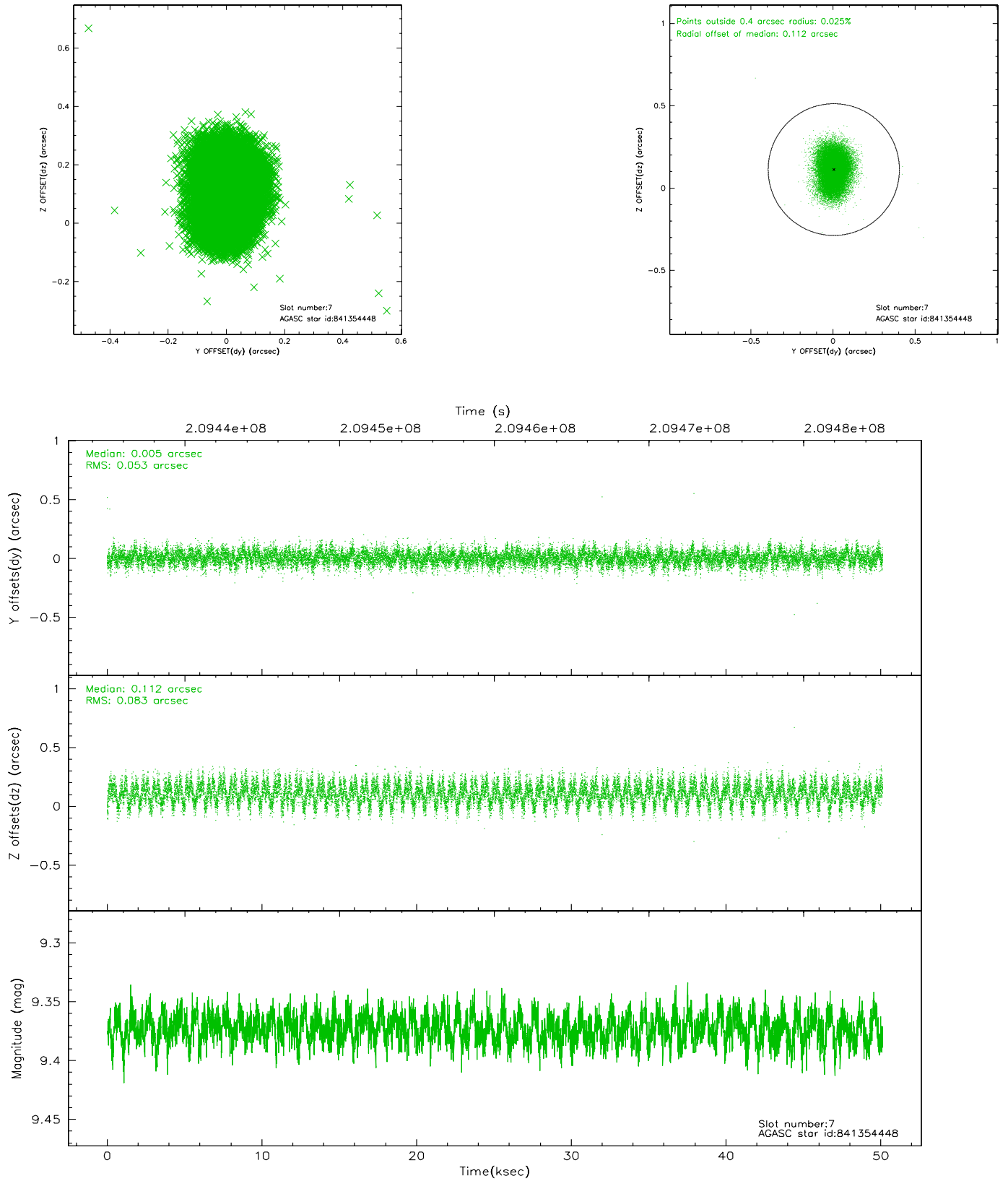
2.4.3 Slot 5



2.4.4 Slot 6

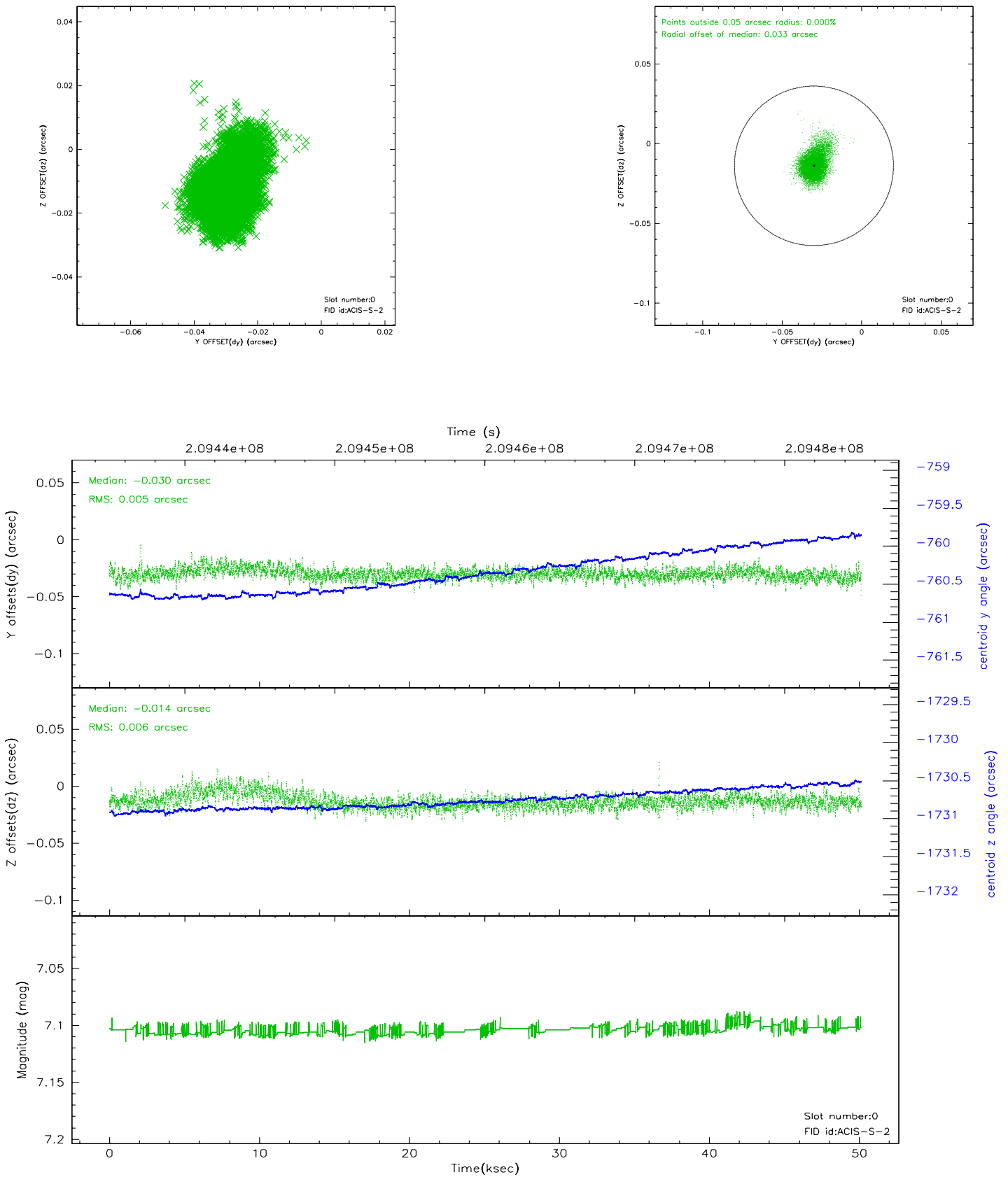


2.4.5 Slot 7

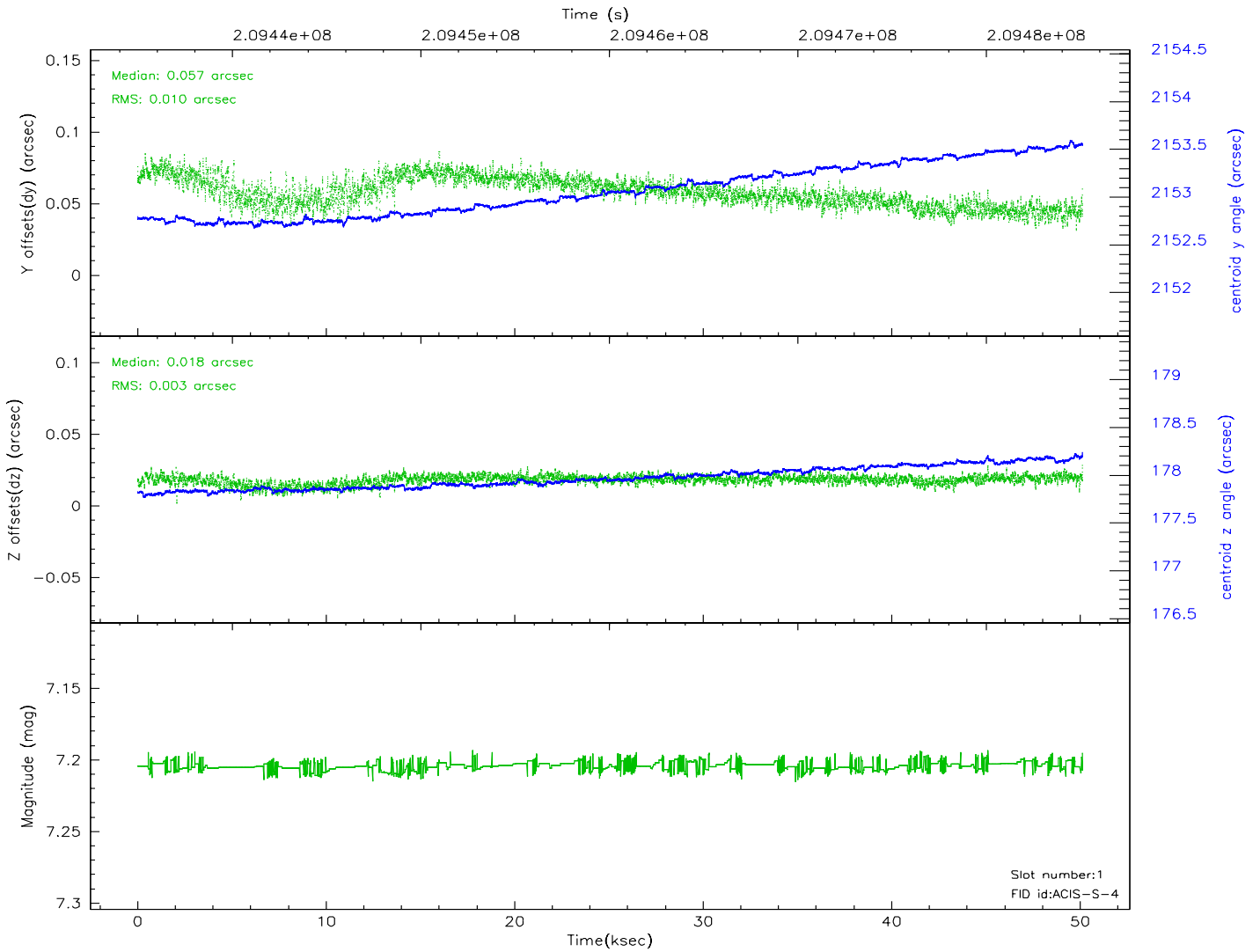
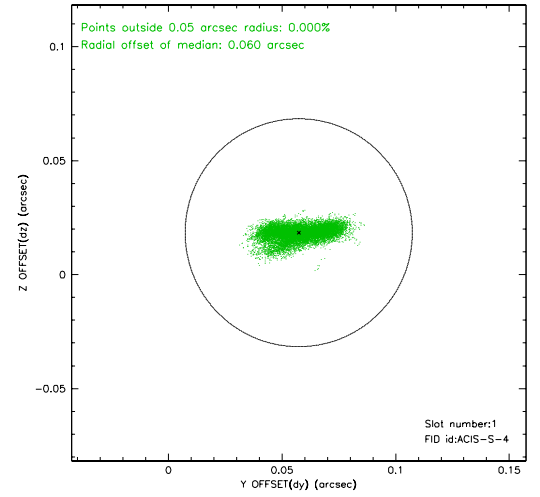
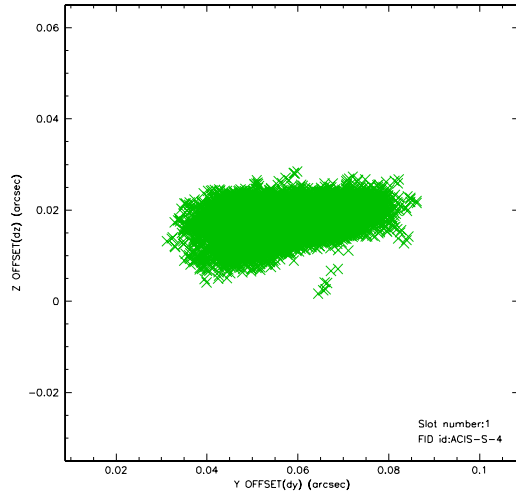


2.5 FID Slots

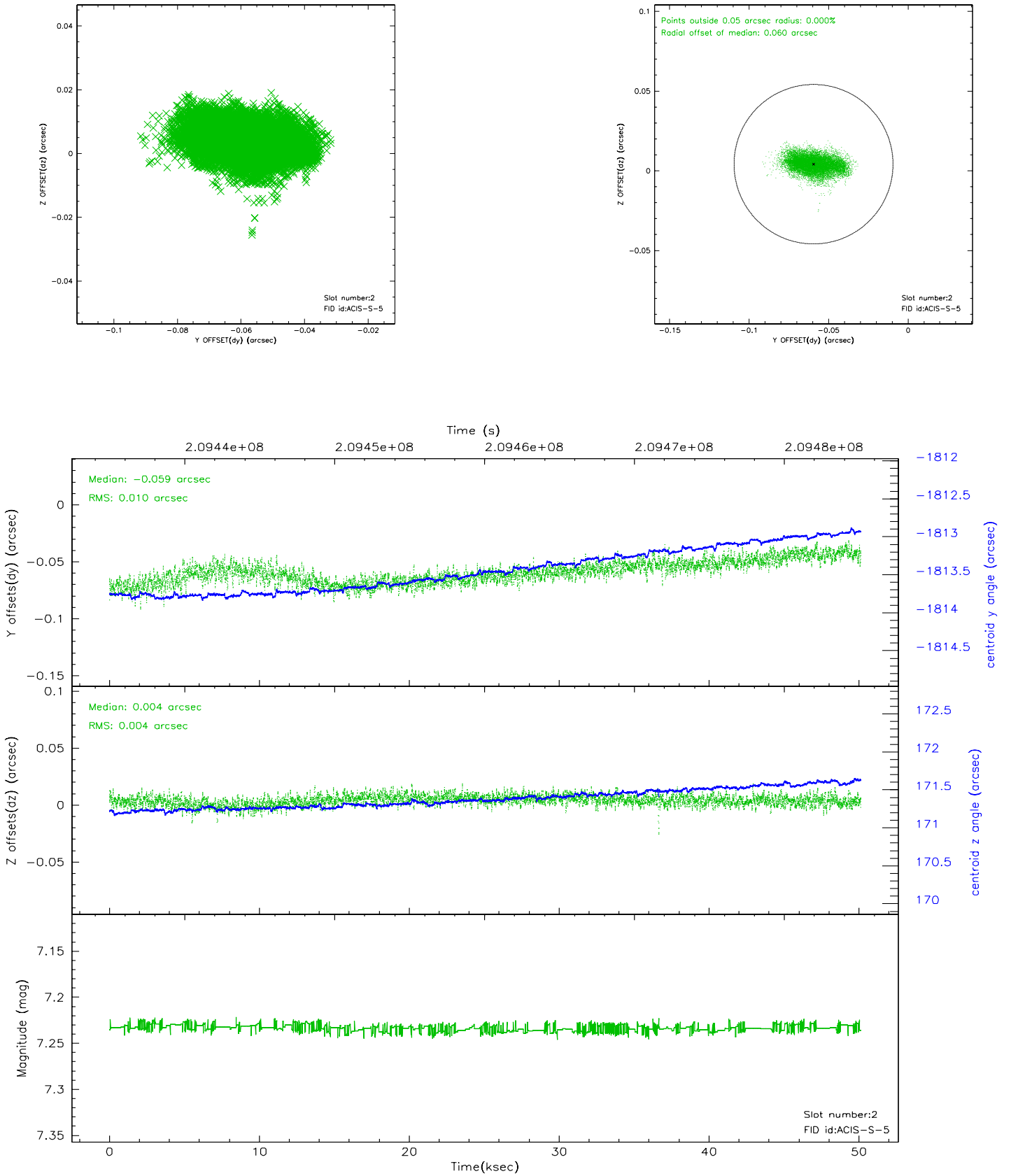
2.5.1 Slot 0



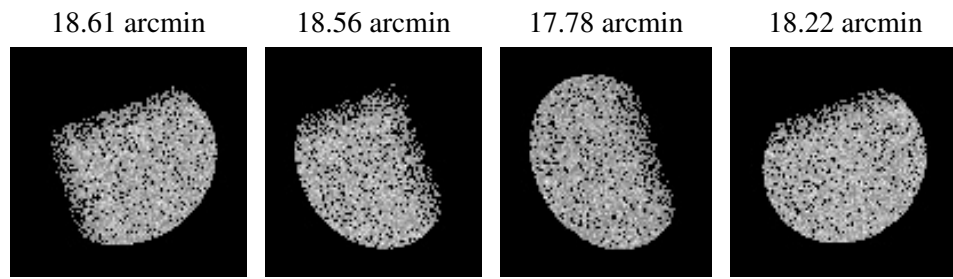
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.04.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	49.884

A.2 Comments