

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 4986 - L2 Version 001
Chandra X-Ray Center

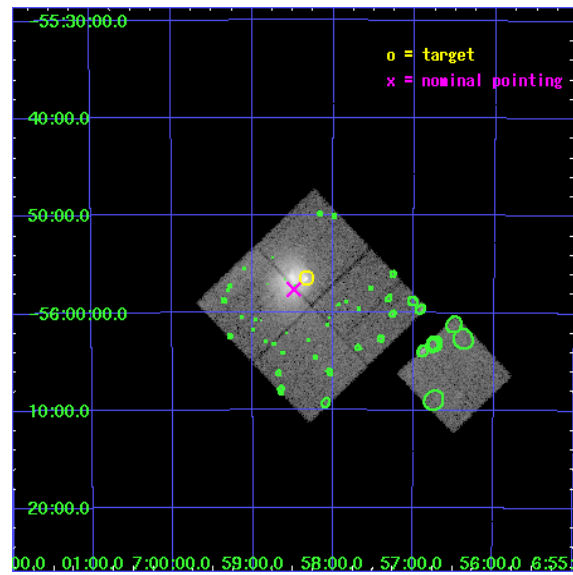
L2 Processing Date : Apr 25 2006

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1 Front

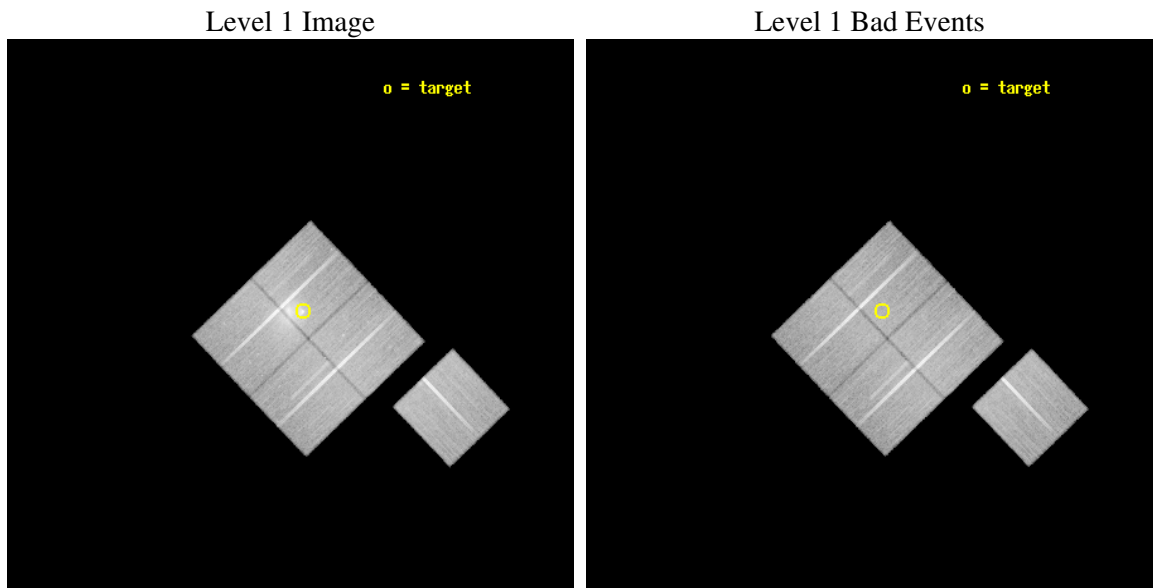
seq_num	800429
obs_id	4986
title	THE MOST INTERESTING CLUSTER IN THE UNIVERSE
observer	Dr Maxim Markevitch
object	1E0657-56
dtcycle	0
cycle	P
ra_targ	104.5827
dec_targ	-55.9415
ra_nom	104.62230281587
dec_nom	-55.960406820447
roll_nom	136.24150226751
revision	2
ontime	42038.976968586
livetime	41489.706785847
ontime0	42038.976968586
ontime1	42045.258948892
ontime2	42045.258918971
ontime3	42045.258978784
ontime6	42042.117978632
l2events	168899



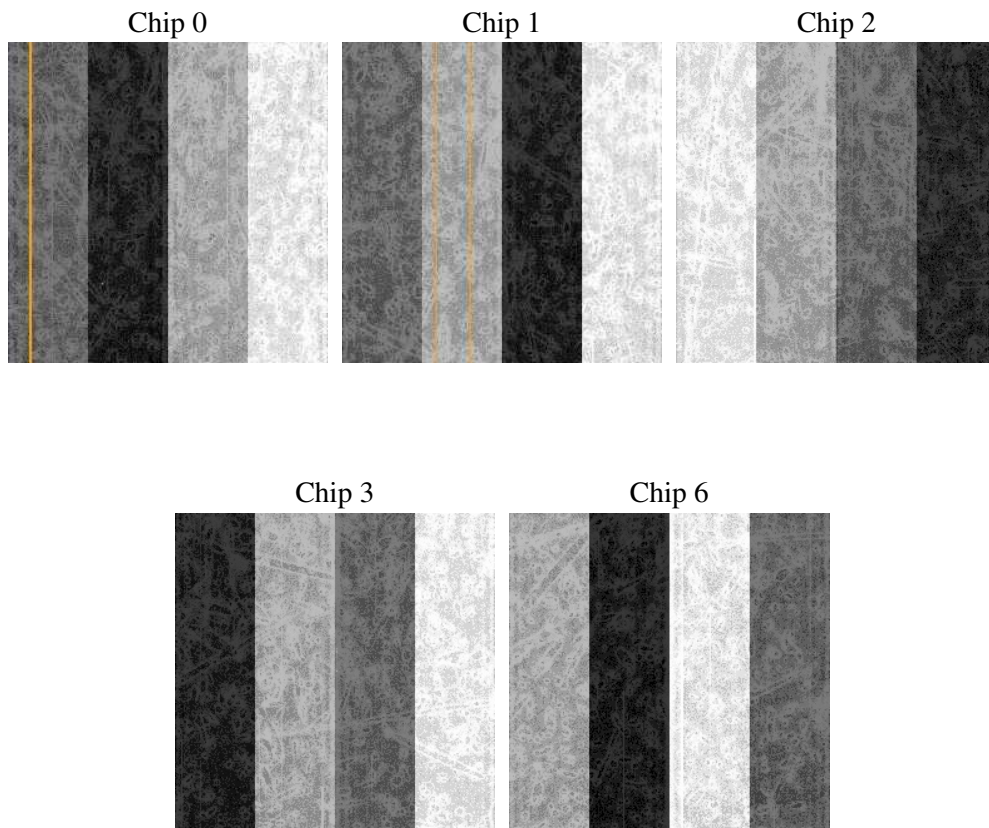
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.2
caldbver	3.2.1
date	2006-04-25T05:24:05
revision	2

sched_exp_time	42000.000000
ontime	42045.472293079
ontime0	42045.472293079
ontime1	42051.754293323
ontime2	42051.754263401
ontime3	42051.754303277
ontime6	42048.613303125
l1events	1395508

2.1.4 Events

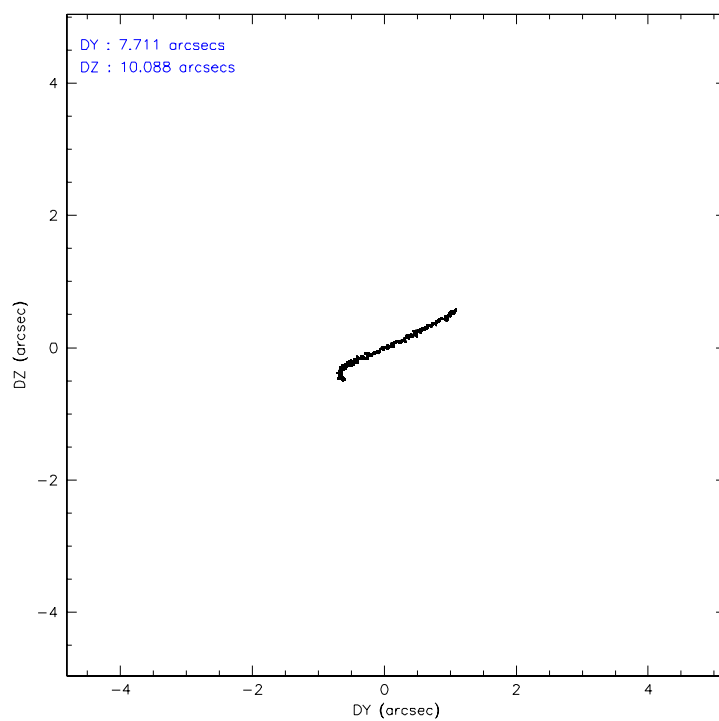
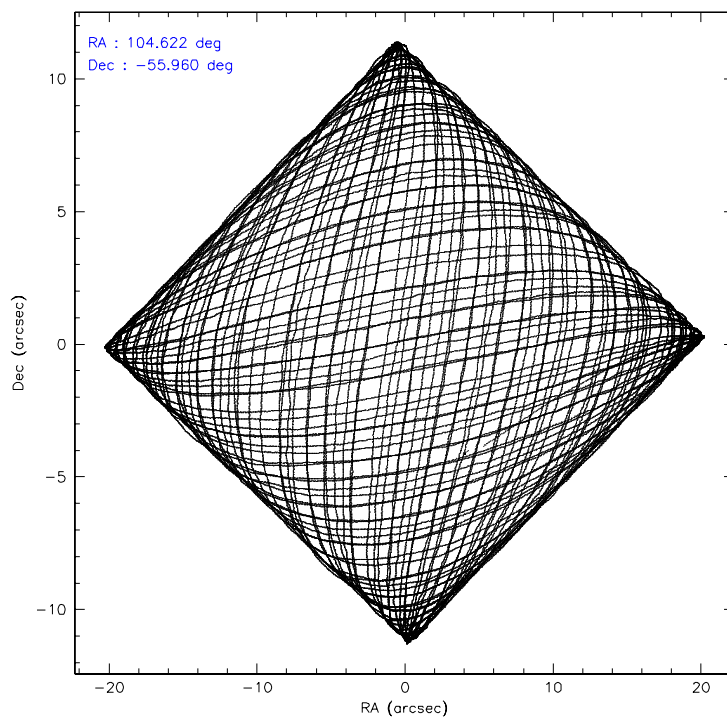
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	290734	279589	285840	266973	272372
rejected events	229034	227647	258822	240551	244516
rejected %	78%	81%	90%	90%	89%

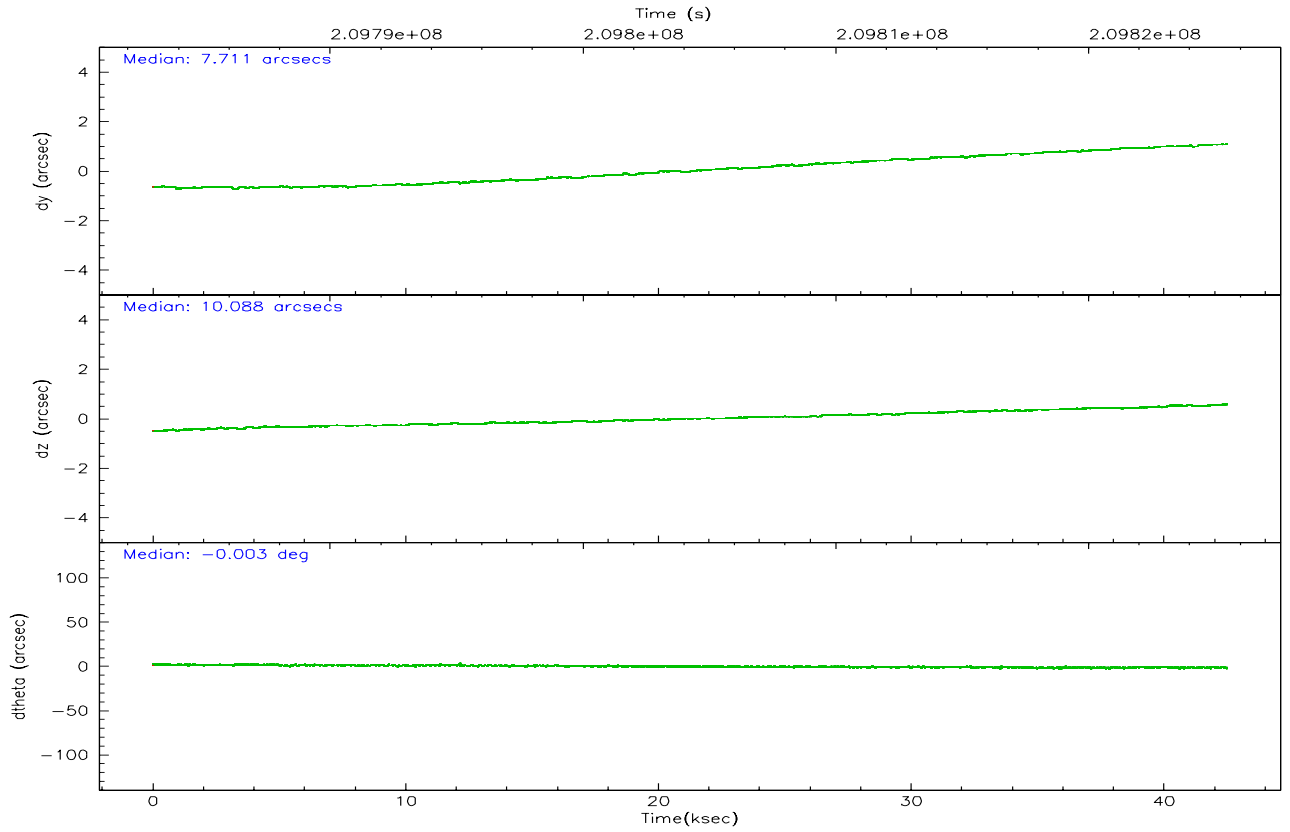
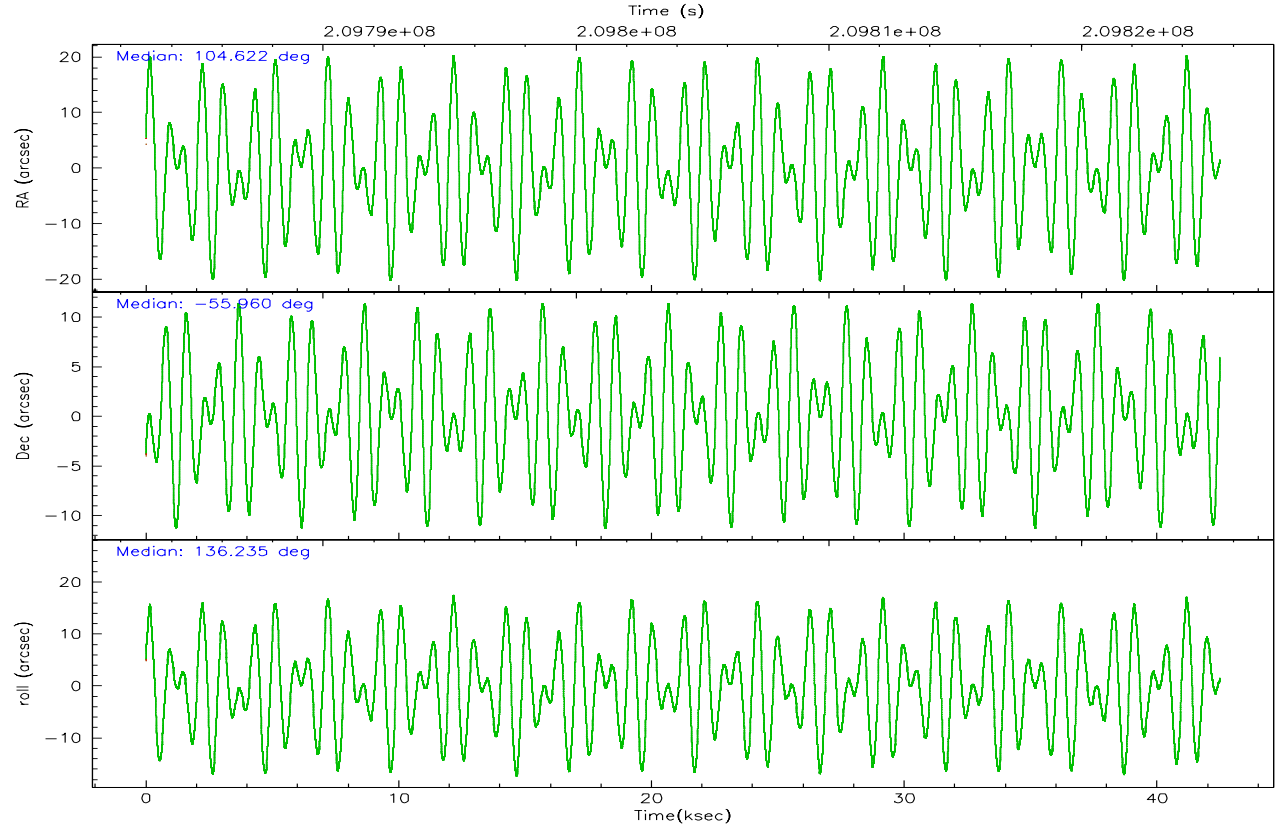
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	37676	28726	10281	10036	10059
	12%	10%	3%	3%	3%
grade 1 events	311	189	137	161	111
	0%	0%	0%	0%	0%
grade 2 events	9624	8741	6179	5509	5852
	3%	3%	2%	2%	2%
grade 3 events	4224	3830	2870	3020	3132
	1%	1%	1%	1%	1%
grade 4 events	3968	3930	2924	2850	3044
	1%	1%	1%	1%	1%
grade 5 events	9415	10055	8736	10567	10373
	3%	3%	3%	3%	3%
grade 6 events	6221	6723	4767	5009	5776
	2%	2%	1%	1%	2%
grade 7 events	219295	217395	249946	229821	234025
	75%	77%	87%	86%	85%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-01236	ACIS-01236	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	104.669835	104.6223028158666	Alternating exposures requested	N	N
Pointing Dec	-55.966791	-55.96040682044733	Primary exposure time	0.000000	3.1
Pointing Roll	136.072203	136.2415022675129			
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-242.592463	-242.5987405016197			
SIM translation stage offset (mm)	9	9.006287498690028			
Observation start time	209783493.184000	209782407.95025			
Observation start date	2004-08-25T01:10:29	2004-08-25T00:53:27			
Observation end time	209825493.184000	209826210.8147			
Observation end date	2004-08-25T12:50:29	2004-08-25T13:03:30			
Read mode	TIMED	TIMED			

2.3 Aspect



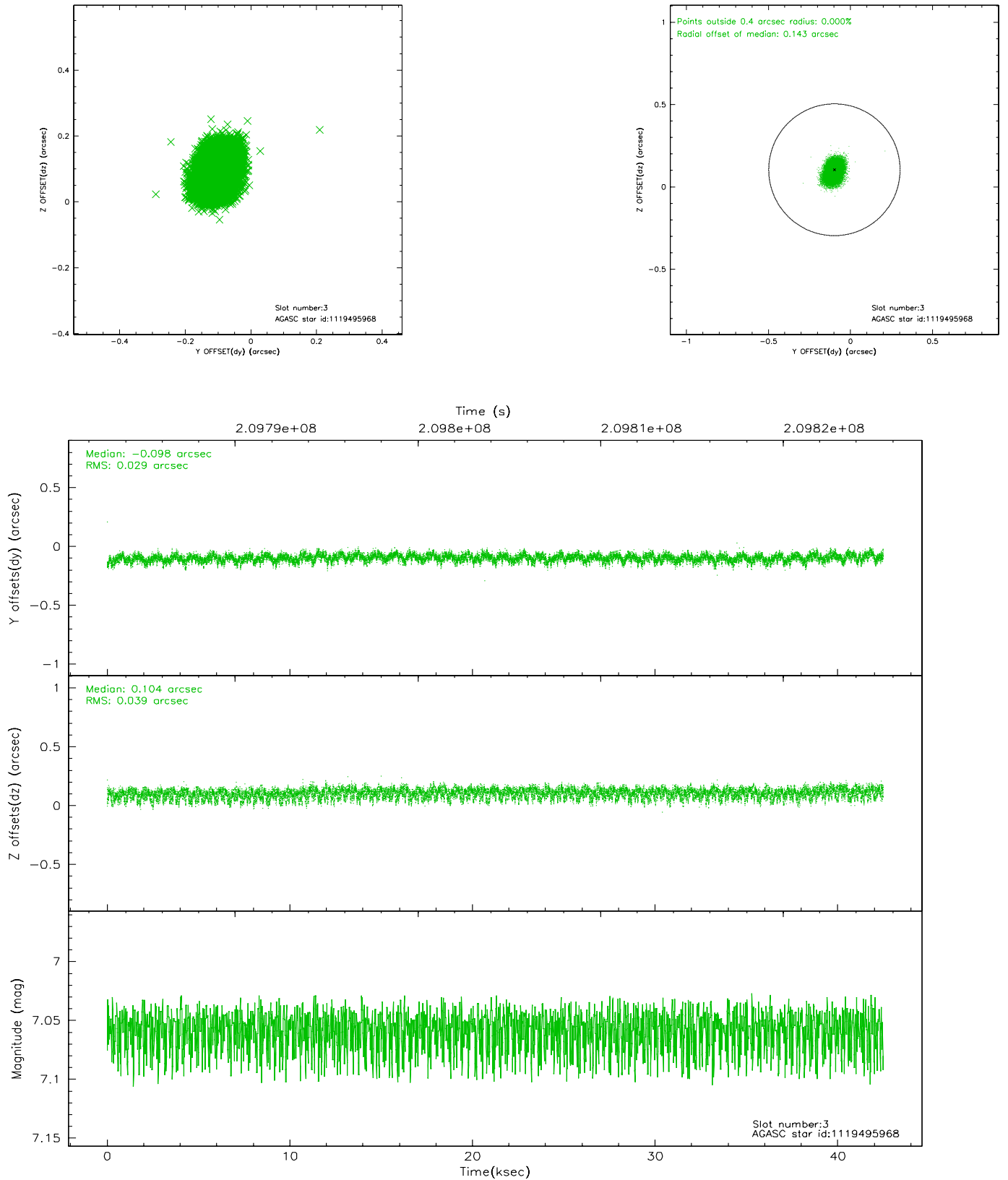


Slot Statistics

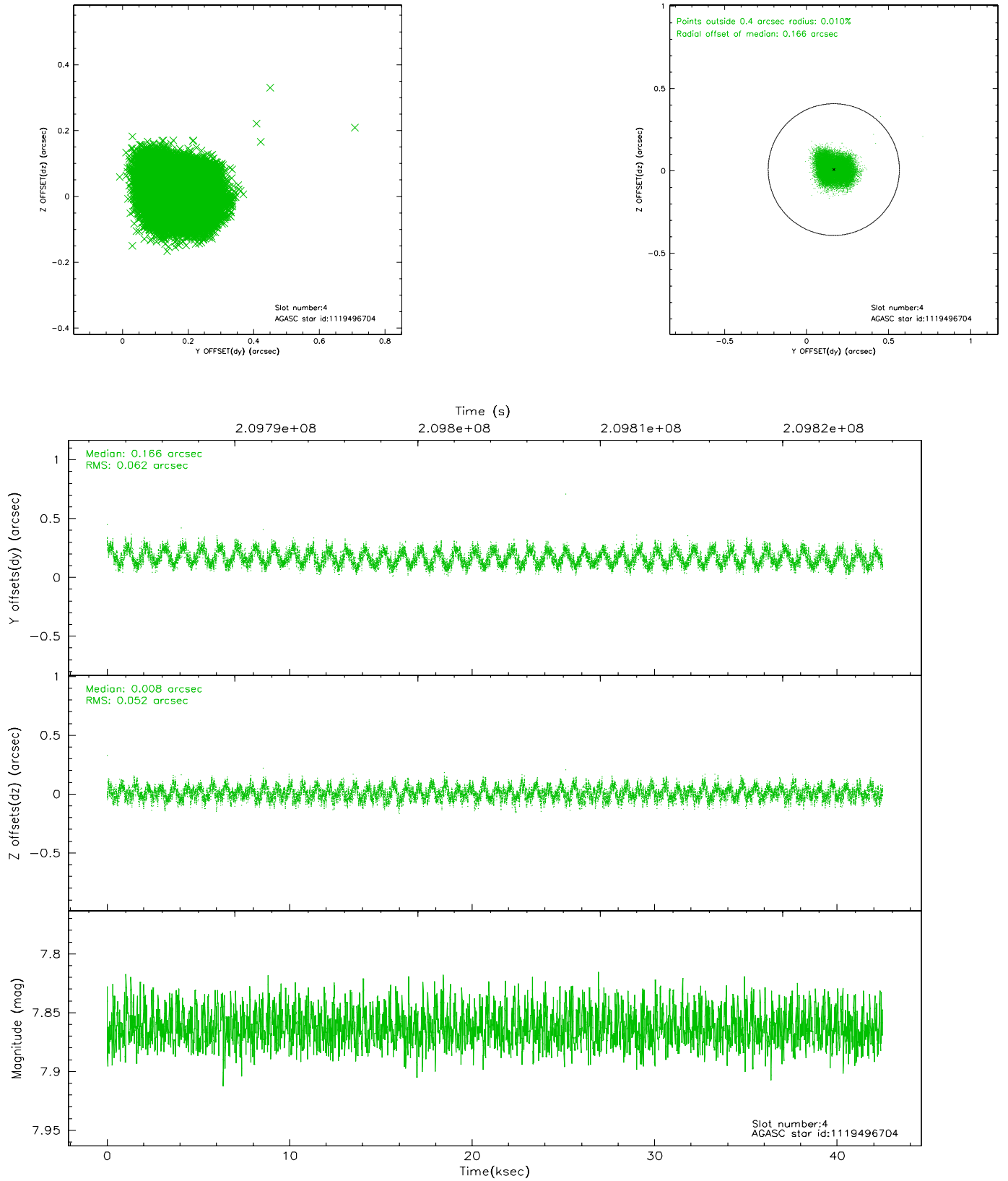
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.28	10366	-0.072	0.146	0.011	0.018	0.000000	0.000000	931.99	-648.32
1	FID	ACIS-I-5	7.23	10365	-0.061	-0.003	0.010	0.017	0.000000	0.000000	-1816.13	1249.00
2	FID	ACIS-I-6	7.24	10366	0.042	-0.074	0.009	0.016	0.000000	0.000000	397.61	1893.46
3	GUIDE	1119495968	7.06	20730	-0.098	0.104	0.051	0.086	105.873528	-55.948238	-1715.49	-1716.20
4	GUIDE	1119496704	7.86	20725	0.166	0.008	0.089	0.130	104.368364	-55.667750	1187.04	-349.52
5	GUIDE	1119499792	7.25	20729	-0.104	-0.040	0.056	0.089	104.350048	-56.101305	125.69	795.36
6	GUIDE	1120026344	6.70	20730	-0.020	-0.059	0.059	0.098	104.651539	-56.394853	-1042.88	1135.40
7	GUIDE	1119497816	8.89	20725	0.046	-0.019	0.095	0.149	105.863109	-55.810214	-1361.55	-2065.55

2.4 Star Slots

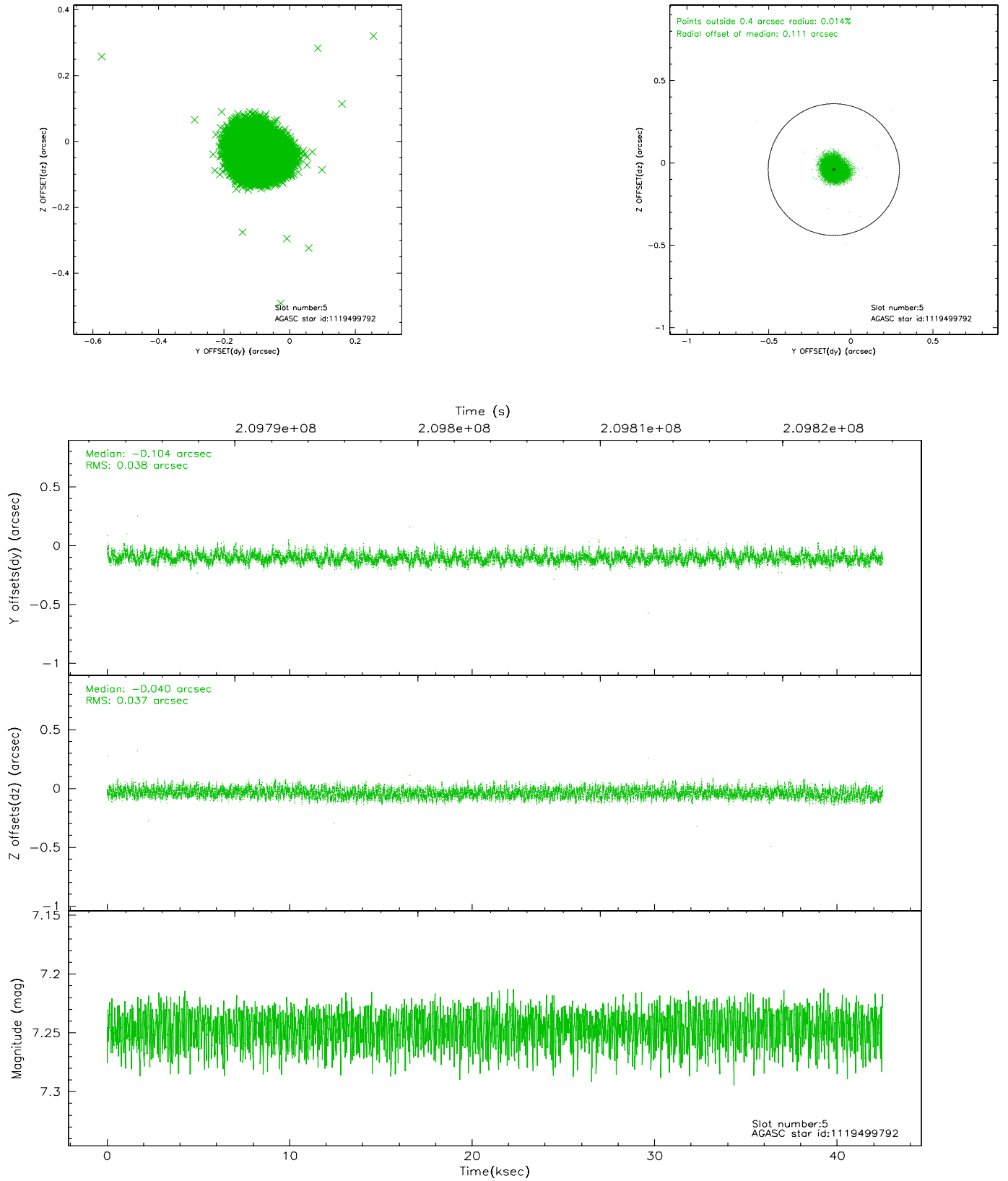
2.4.1 Slot 3



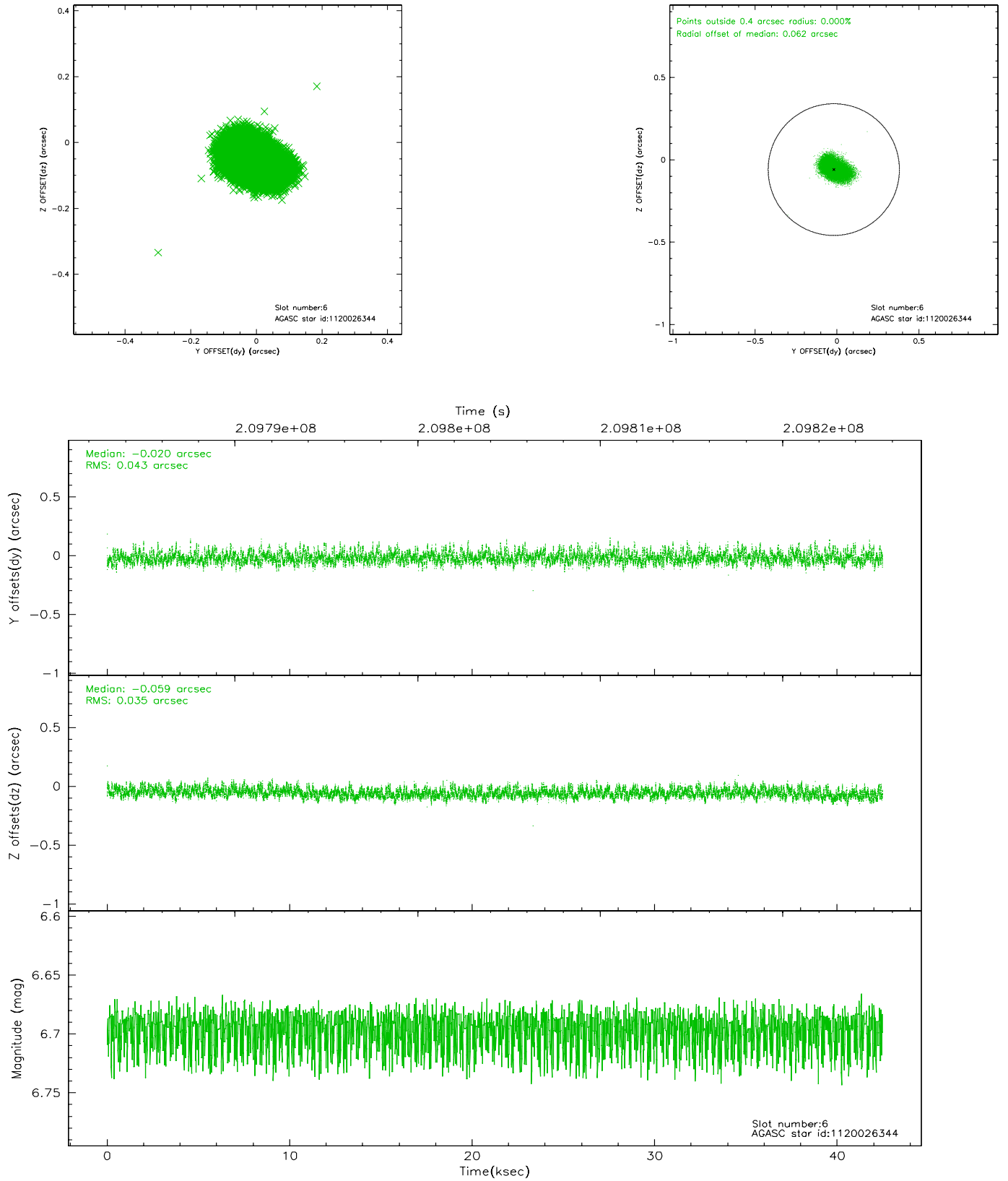
2.4.2 Slot 4



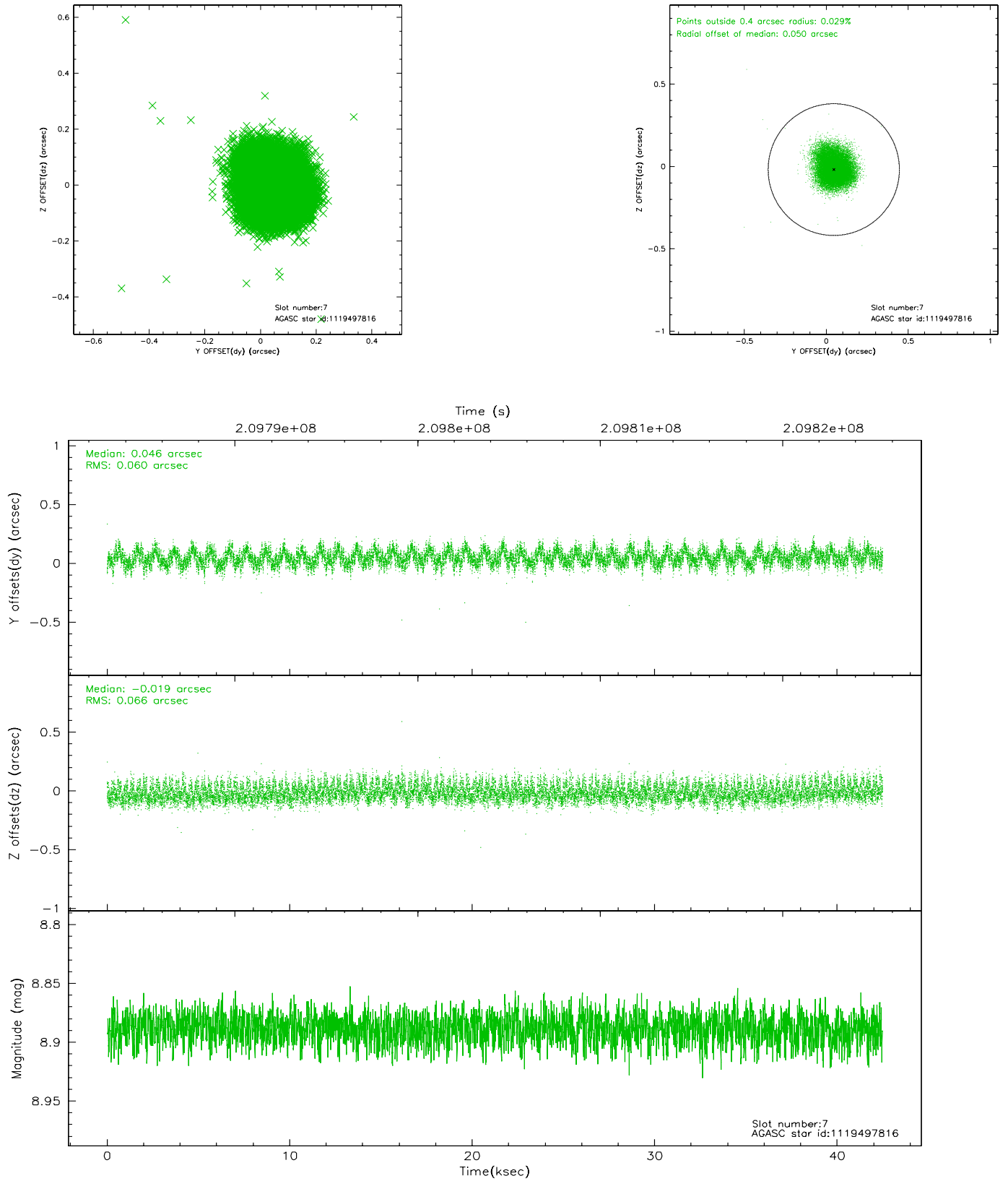
2.4.3 Slot 5



2.4.4 Slot 6

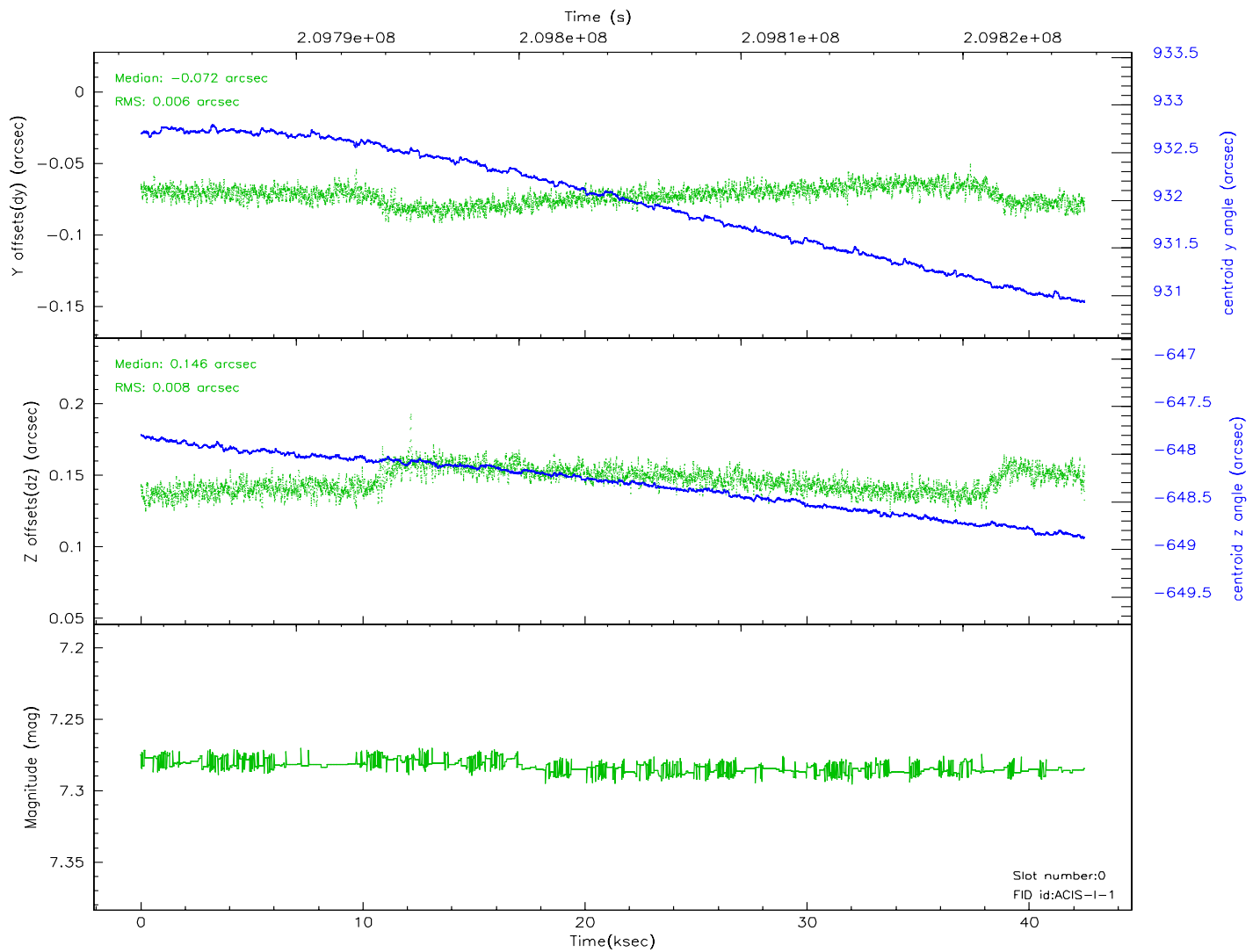
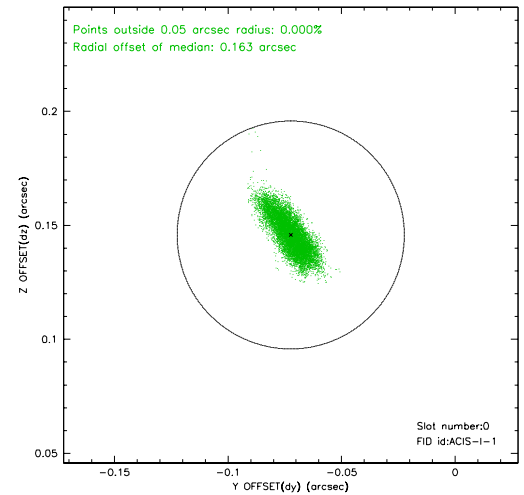
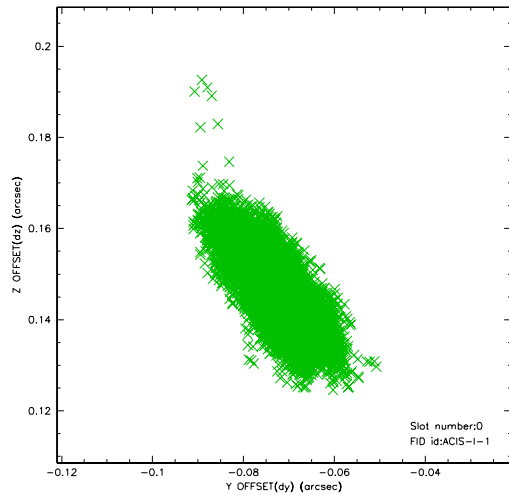


2.4.5 Slot 7

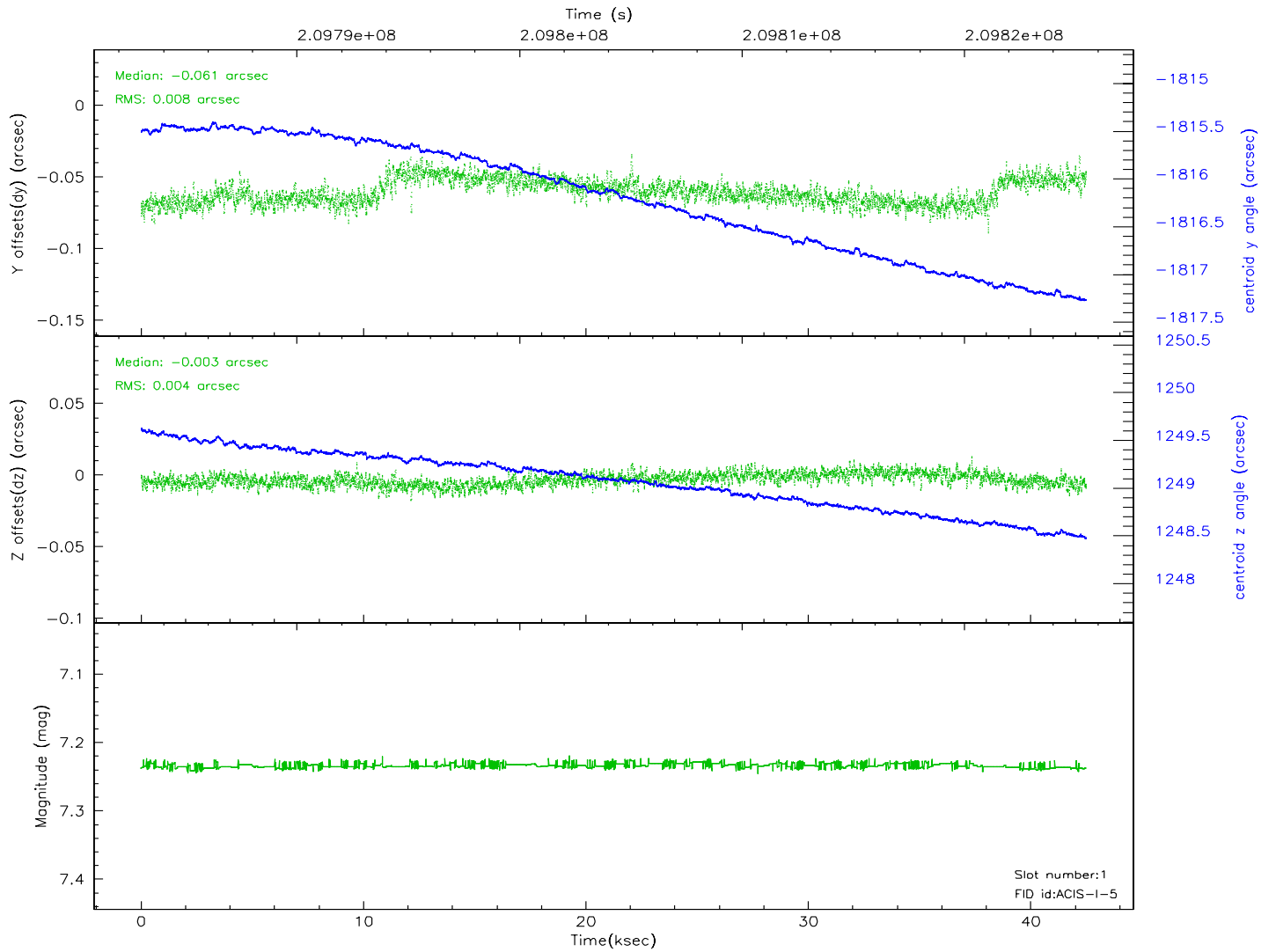
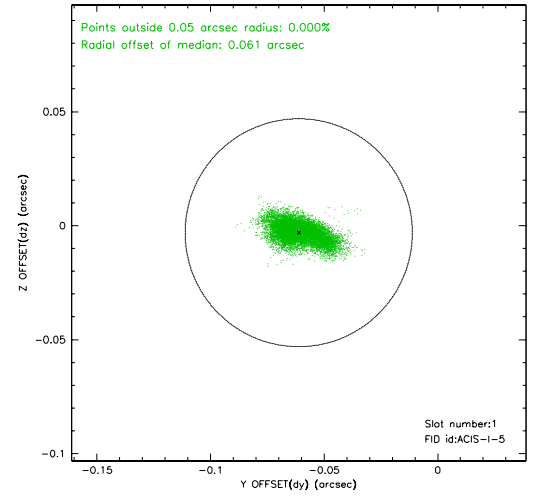
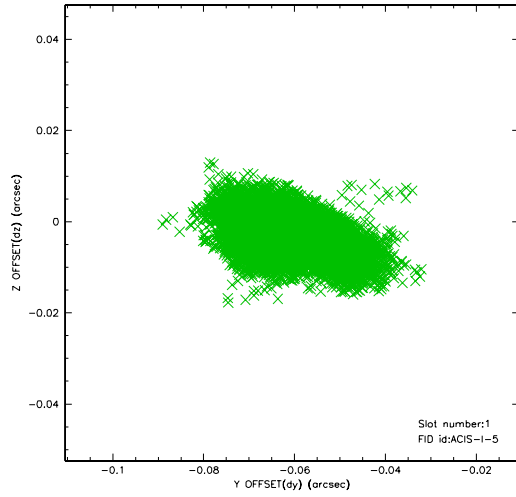


2.5 FID Slots

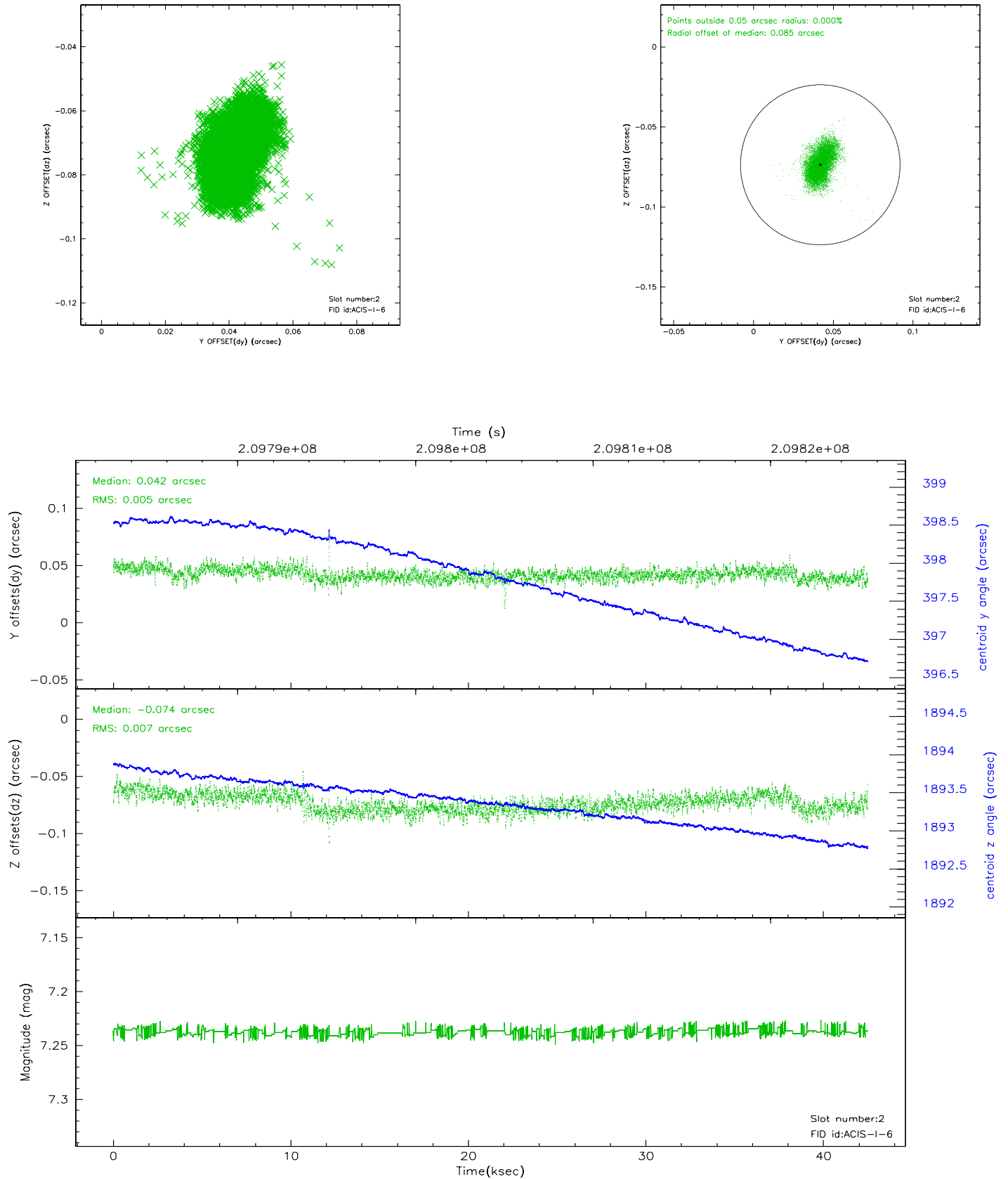
2.5.1 Slot 0



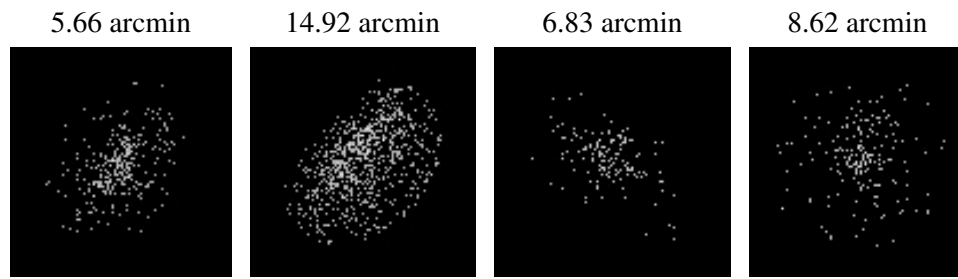
2.5.2 Slot 1



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	42.038

A.2 Comments

Focal plane temperature settles gradually during initial ~20 ksec.