

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 5361 - L2 Version 001
Chandra X-Ray Center

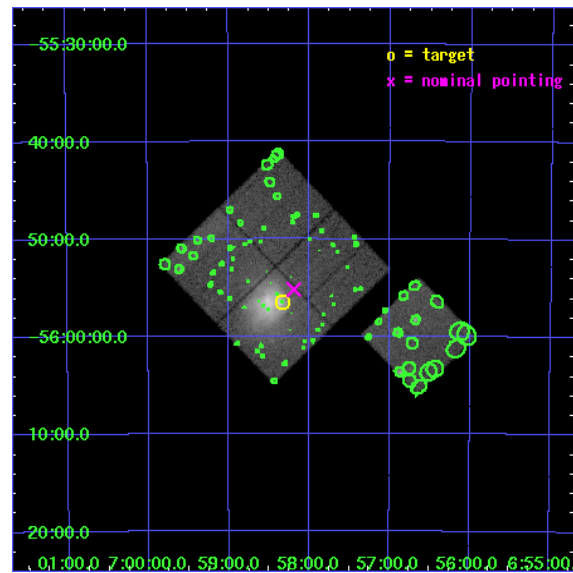
L2 Processing Date : Apr 25 2006

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1 Front

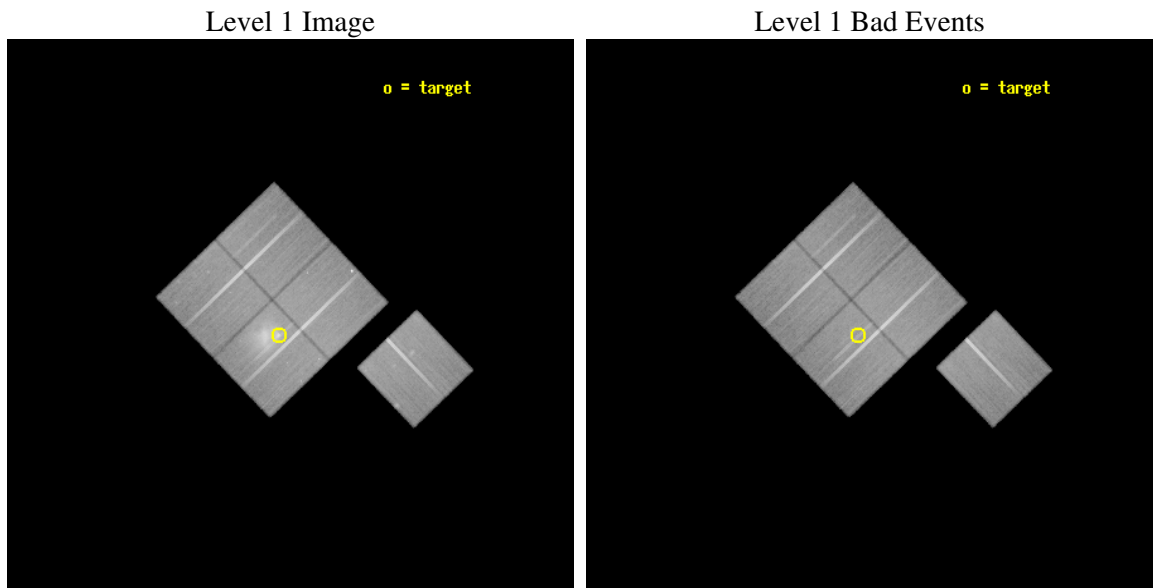
seq_num	800429
obs_id	5361
title	THE MOST INTERESTING CLUSTER IN THE UNIVERSE
observer	Dr Maxim Markevitch
object	1E0657-56
dtcycle	0
cycle	P
ra_targ	104.5827
dec_targ	-55.9415
ra_nom	104.54736257515
dec_nom	-55.919882938593
roll_nom	136.17941253989
revision	2
ontime	83712.235998034
livetime	82618.474006669
ontime0	83712.235898316
ontime1	83705.953947961
ontime2	83718.517888635
ontime3	83712.235998034
ontime6	83721.658878773
l2events	342228



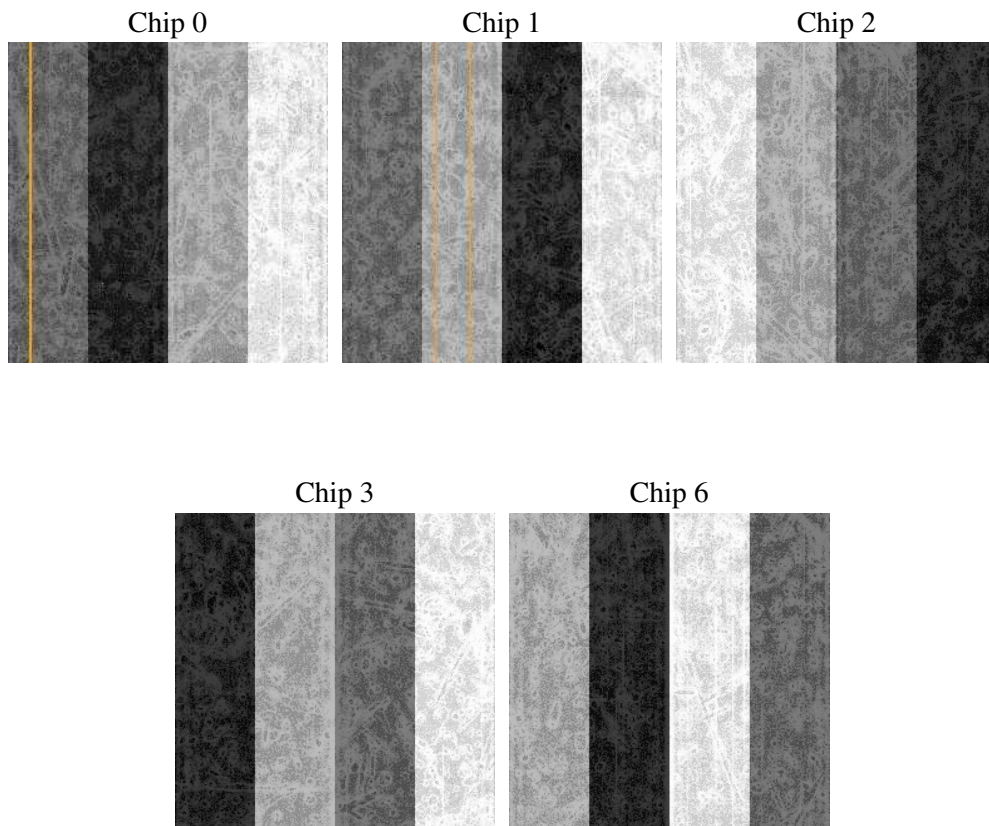
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.7.2
caldbver	3.2.1
date	2006-04-25T02:25:53
revision	2

sched_exp_time	83550.000000
ontime	83899.302242428
ontime0	83899.302142709
ontime1	83893.020192355
ontime2	83905.584152937
ontime3	83899.302242428
ontime6	83908.725143075
l1events	2661829

2.1.4 Events

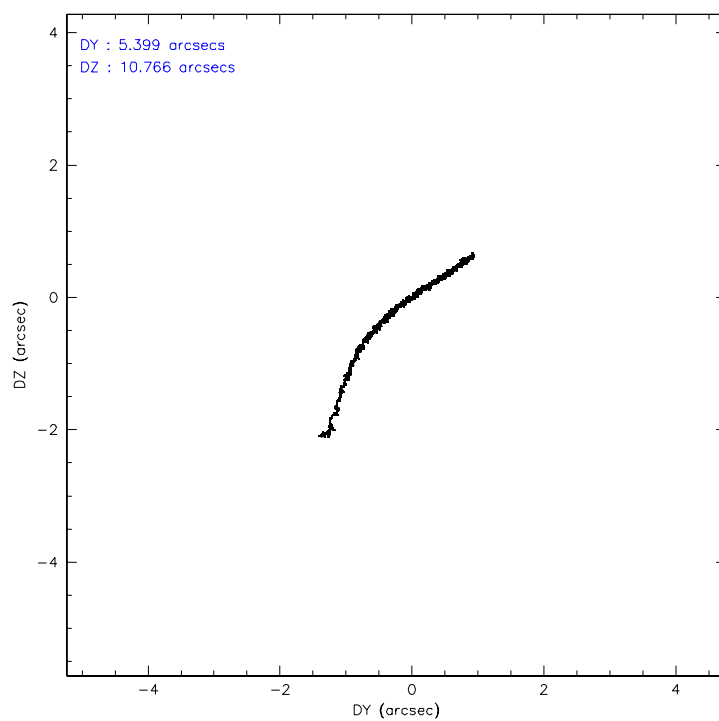
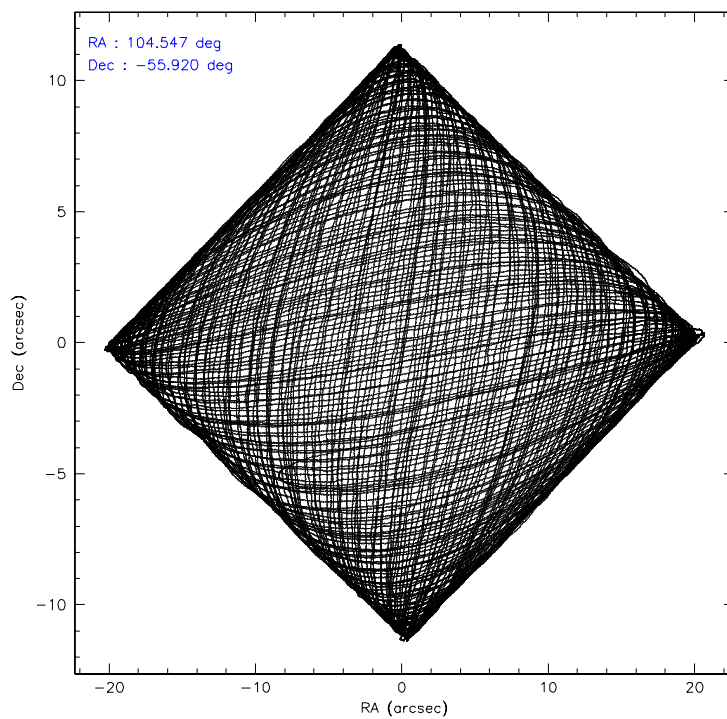
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	478906	484028	551185	637022	510688
rejected events	428505	421886	496567	471476	455155
rejected %	89%	87%	90%	74%	89%

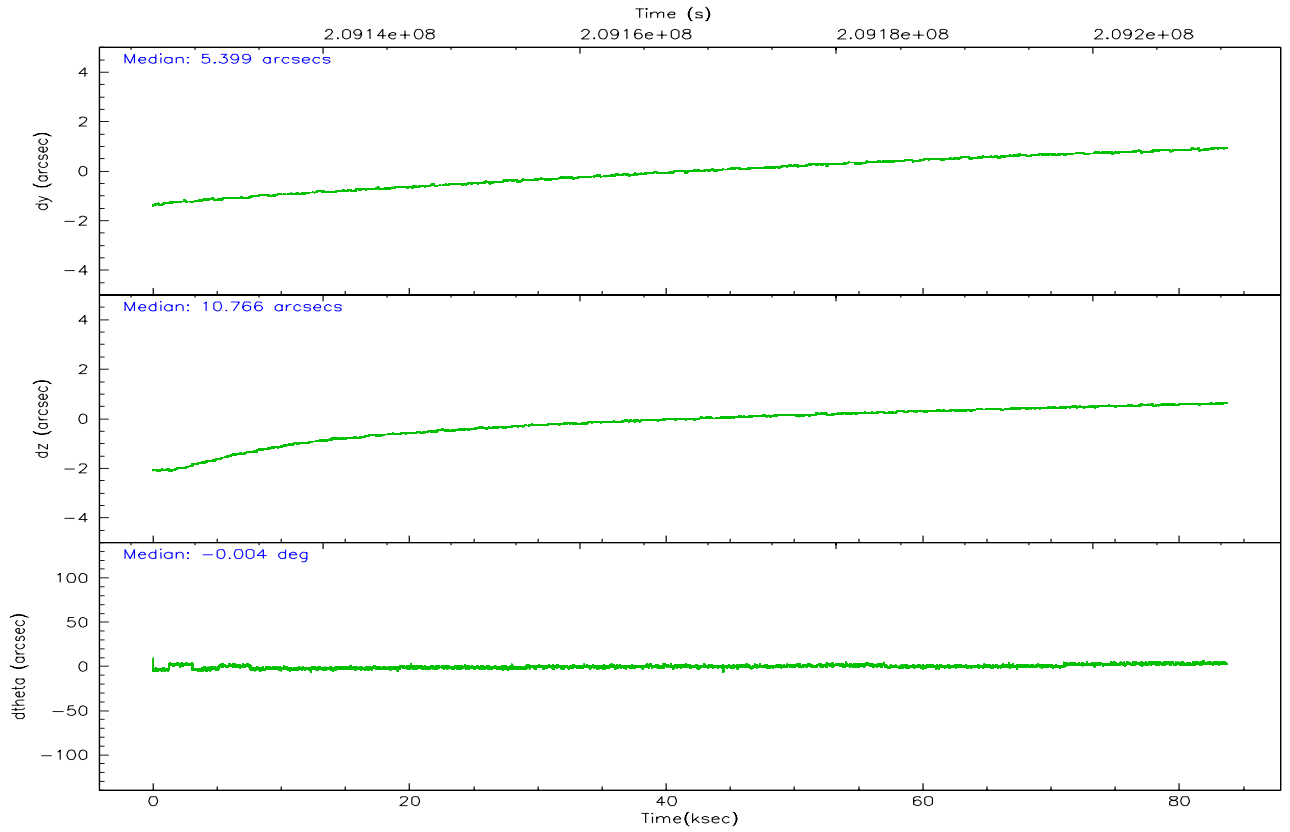
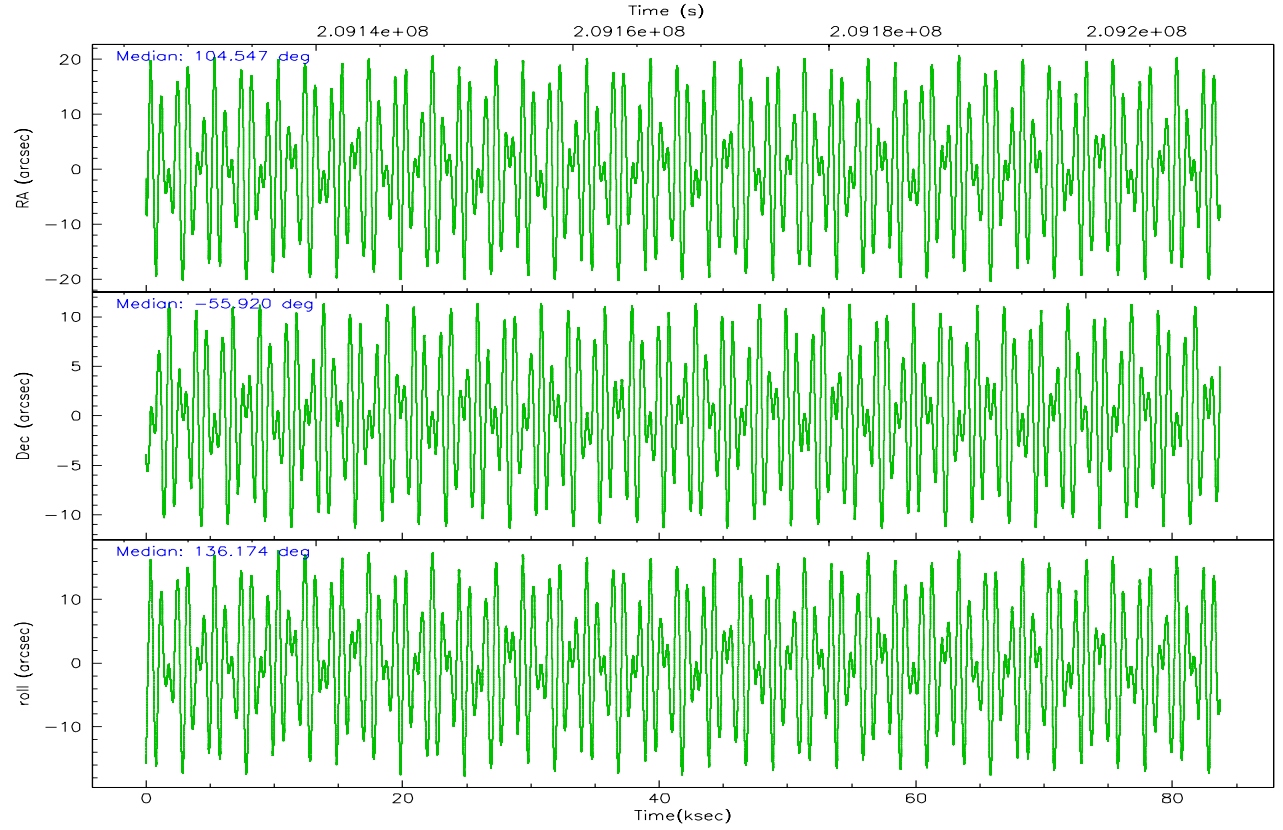
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	17446	25092	21753	112004	21400
	3%	5%	3%	17%	4%
grade 1 events	219	234	304	774	227
	0%	0%	0%	0%	0%
grade 2 events	11873	12902	12219	22288	11213
	2%	2%	2%	3%	2%
grade 3 events	5917	6499	5730	9458	6040
	1%	1%	1%	1%	1%
grade 4 events	5511	6469	5612	9327	5926
	1%	1%	1%	1%	1%
grade 5 events	17811	19160	17037	20506	20106
	3%	3%	3%	3%	3%
grade 6 events	9792	11303	9421	12765	11076
	2%	2%	1%	2%	2%
grade 7 events	410337	402369	479109	449900	434700
	85%	83%	86%	70%	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	104.594854	104.5473625751477	Alternating exposures requested	N	N
Pointing Dec	-55.926296	-55.91988293859268	Primary exposure time	0.000000	3.1
Pointing Roll	136.010067	136.1794125398921			
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-226.592463	-226.5875806612856			
SIM translation stage offset (mm)	-7	-7.004872341644045			
Observation start time	209126913.184000	209125831.35852			
Observation start date	2004-08-17T10:47:29	2004-08-17T10:30:31			
Observation end time	209210463.184000	209211452.68733			
Observation end date	2004-08-18T09:59:59	2004-08-18T10:17:32			
Read mode	TIMED	TIMED			

2.3 Aspect



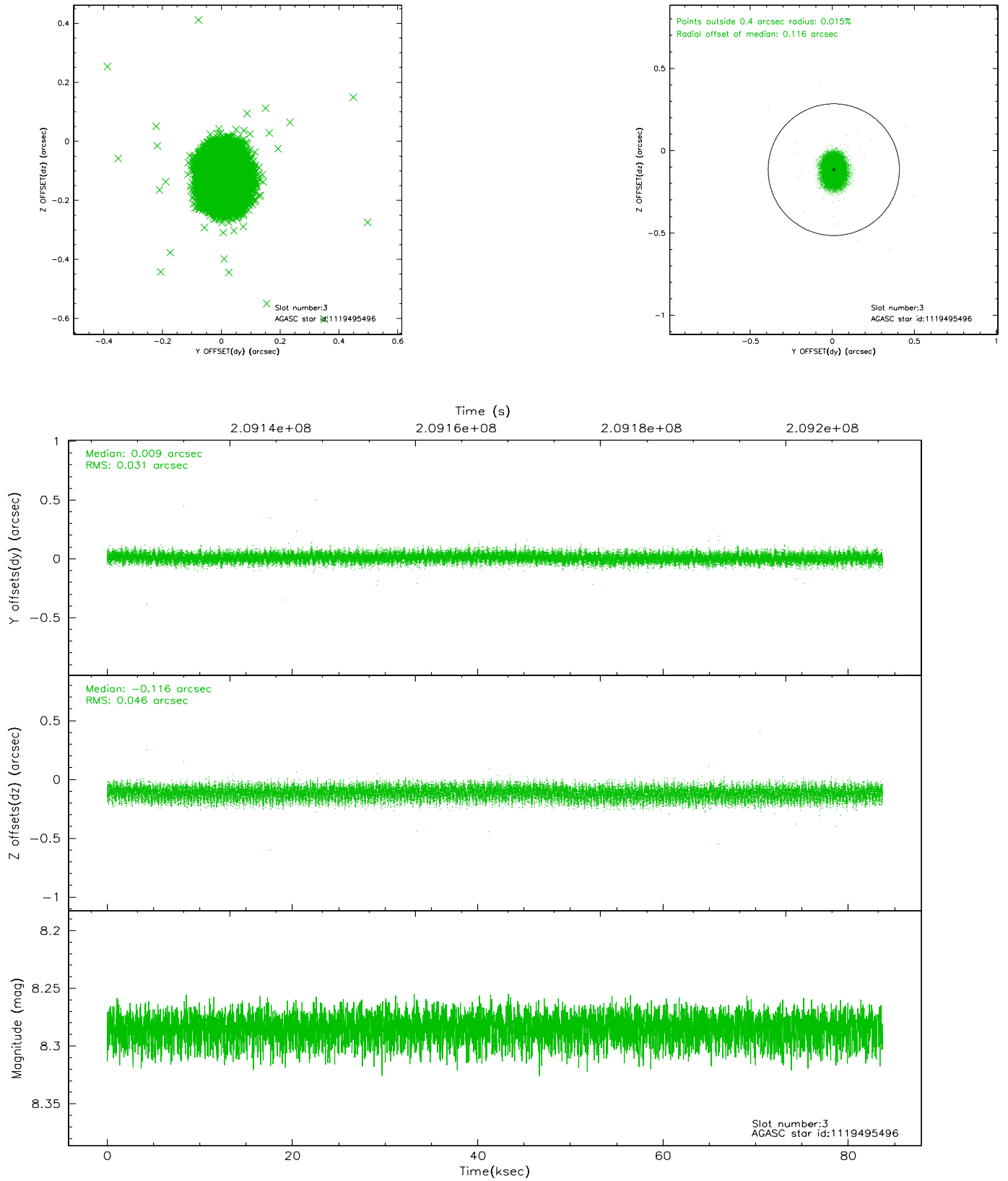


Slot Statistics

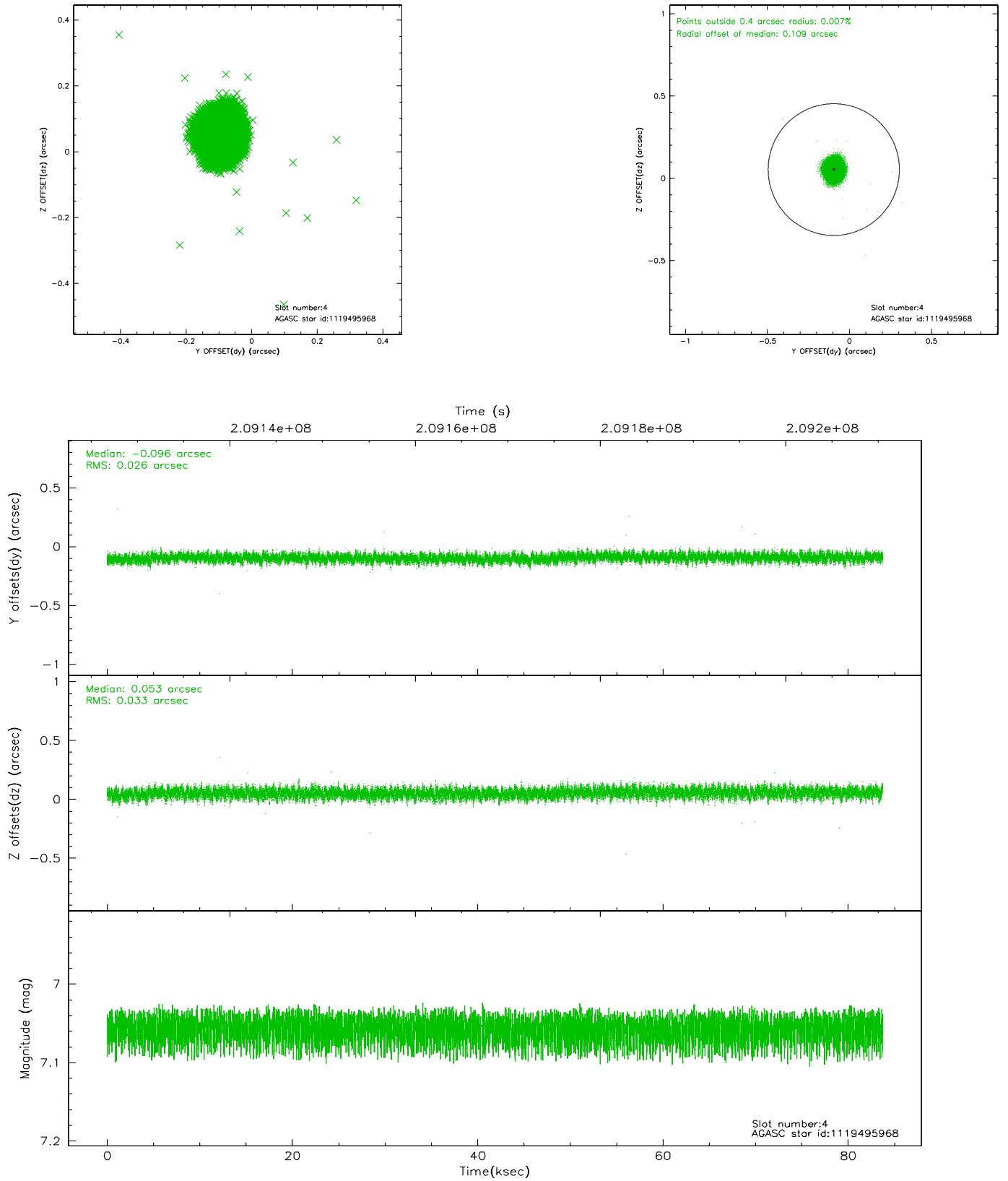
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.23	20422	0.070	-0.065	0.023	0.042	0.000000	0.000000	934.36	-977.89
1	FID	ACIS-I-2	7.17	20419	-0.124	0.062	0.017	0.042	0.000000	0.000000	-760.33	-983.30
2	FID	ACIS-I-4	7.14	20419	-0.043	0.070	0.015	0.058	0.000000	0.000000	2153.71	923.00
3	GUIDE	1119495496	8.28	40829	0.009	-0.116	0.058	0.096	104.298364	-55.915101	457.58	387.49
4	GUIDE	1119495968	7.06	40841	-0.096	0.053	0.045	0.072	105.873528	-55.948238	-1925.50	-1716.20
5	GUIDE	1119496704	7.86	40843	0.133	0.076	0.060	0.095	104.368364	-55.667750	977.04	-349.41
6	GUIDE	1120026344	6.70	40845	-0.089	-0.079	0.059	0.107	104.651539	-56.394853	-1252.90	1135.38
7	GUIDE	1119500592	8.69	40831	0.040	0.066	0.089	0.143	105.814889	-55.642715	-1088.84	-2439.99

2.4 Star Slots

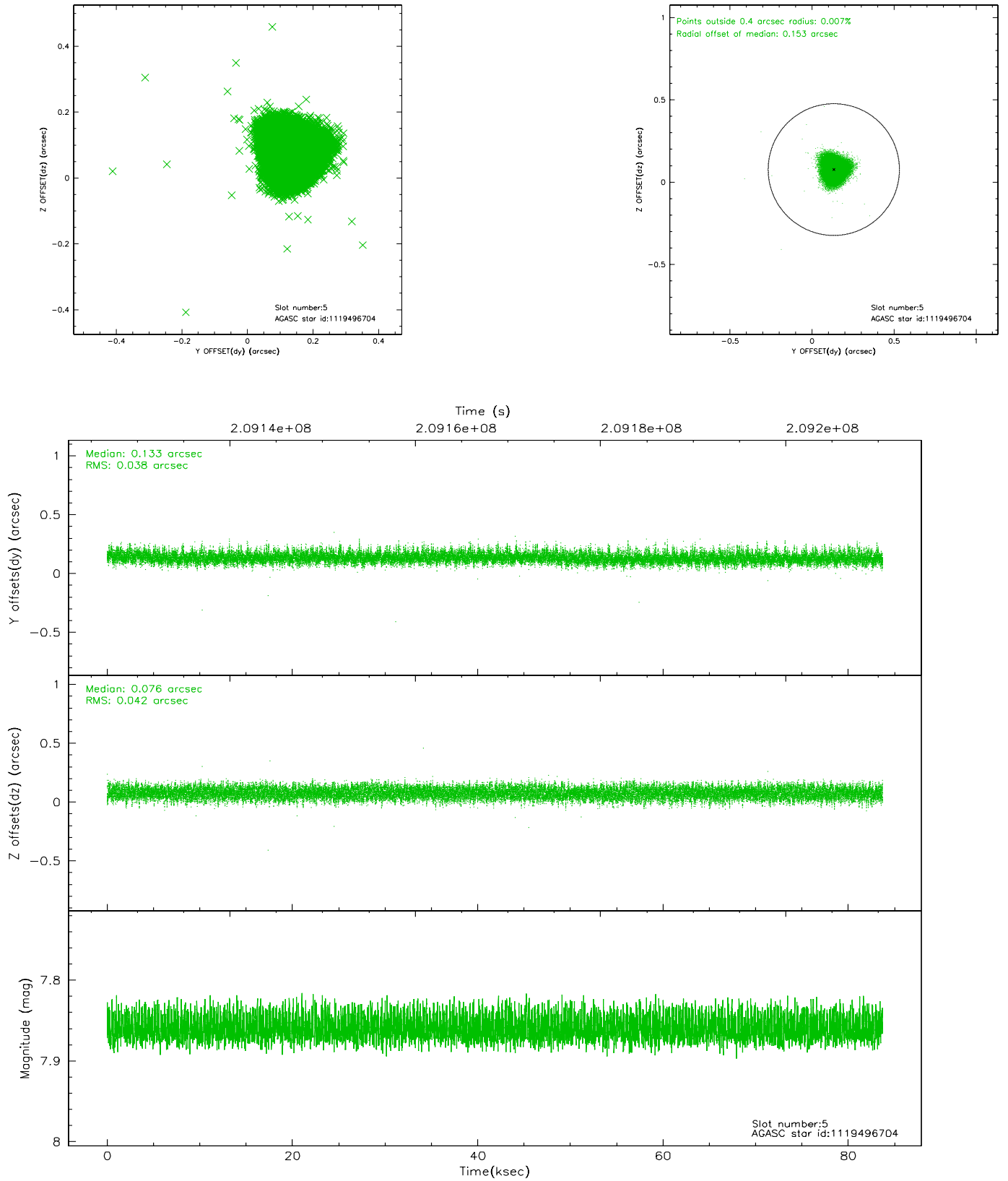
2.4.1 Slot 3



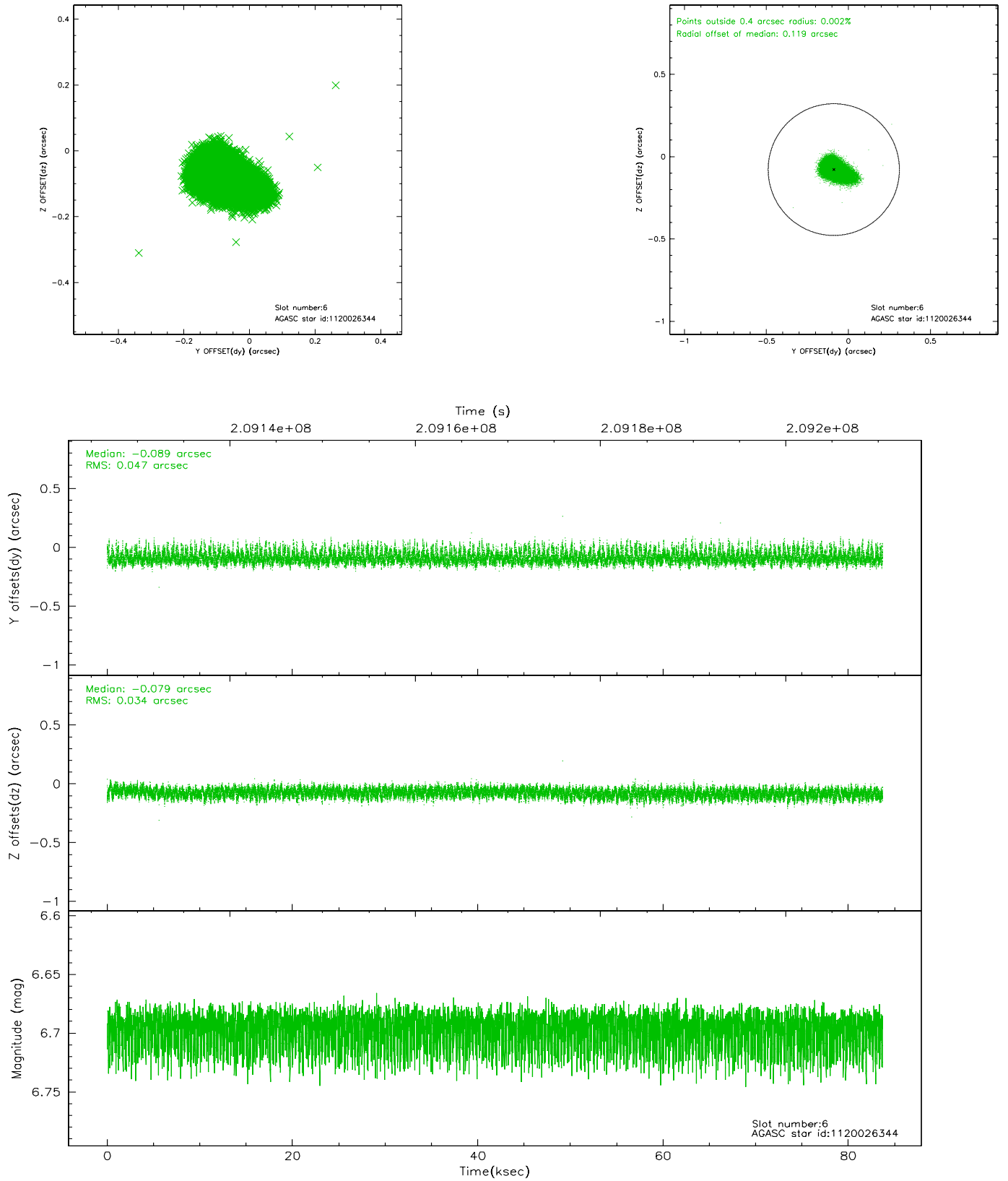
2.4.2 Slot 4



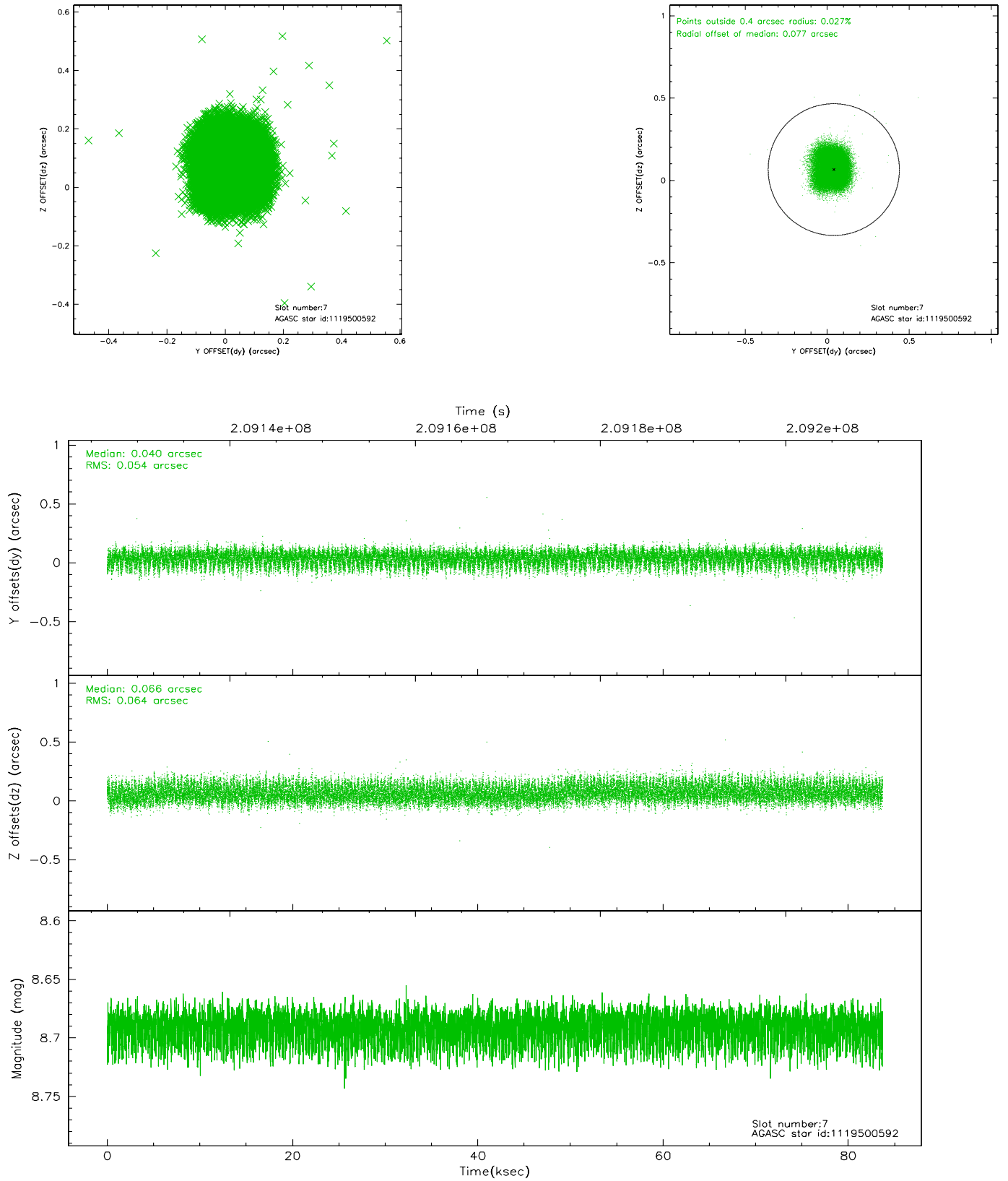
2.4.3 Slot 5



2.4.4 Slot 6

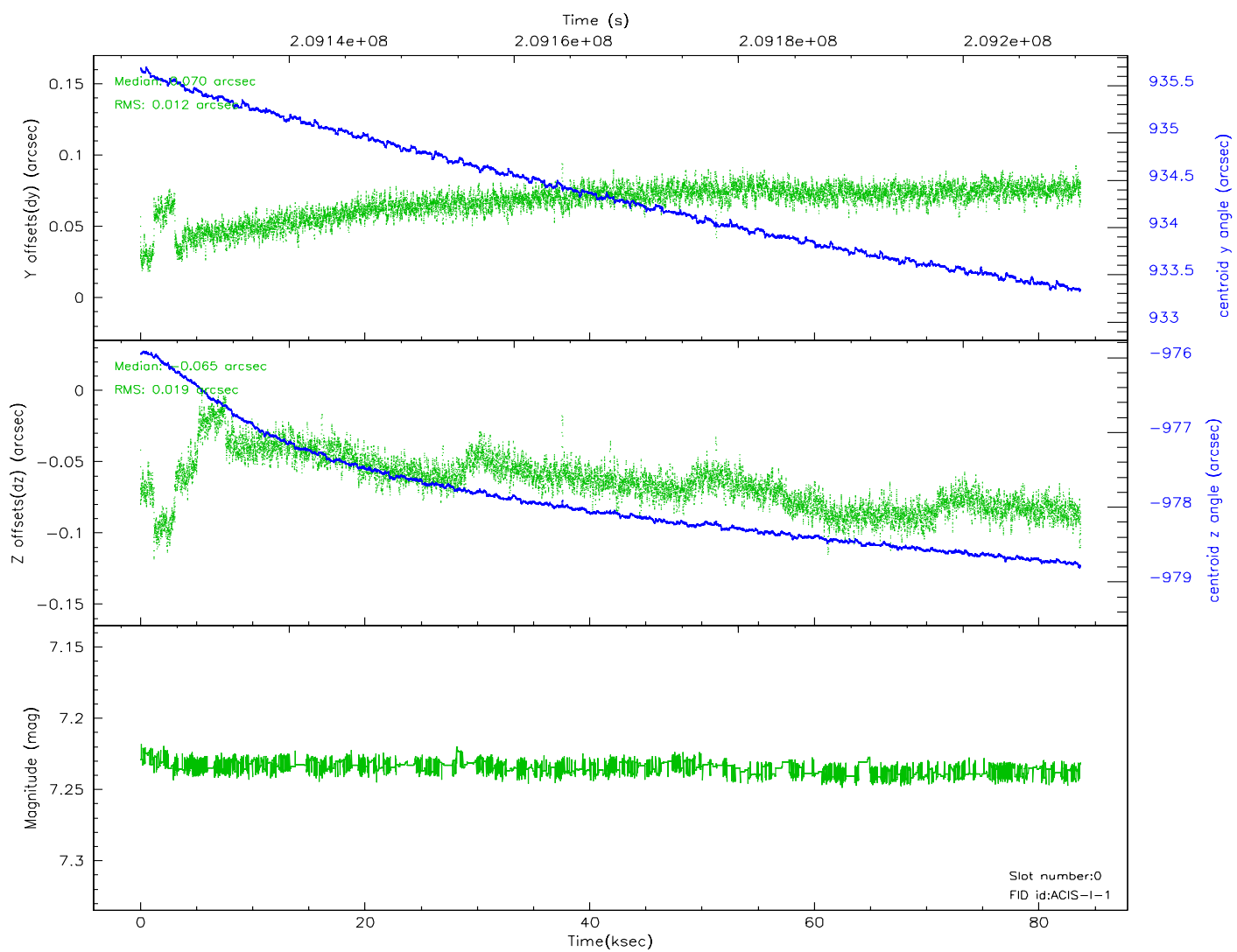
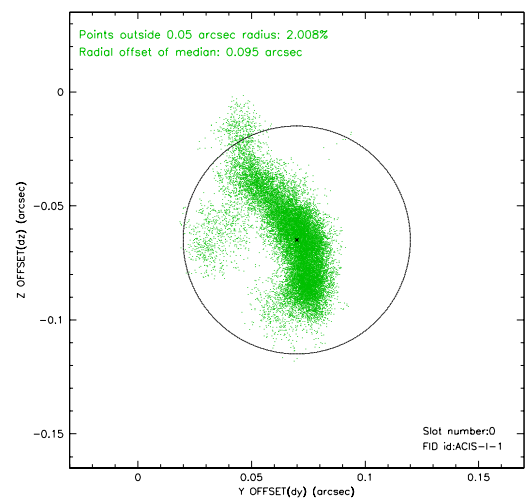
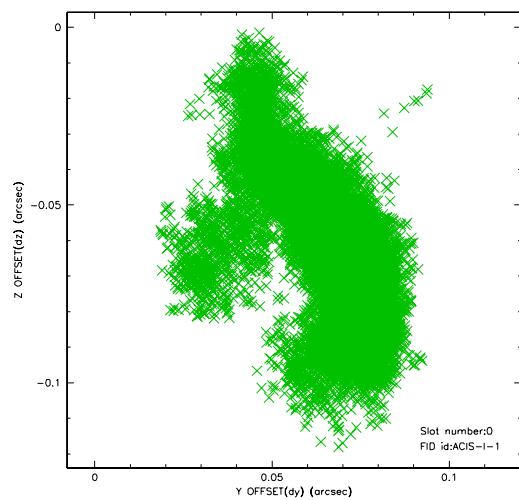


2.4.5 Slot 7

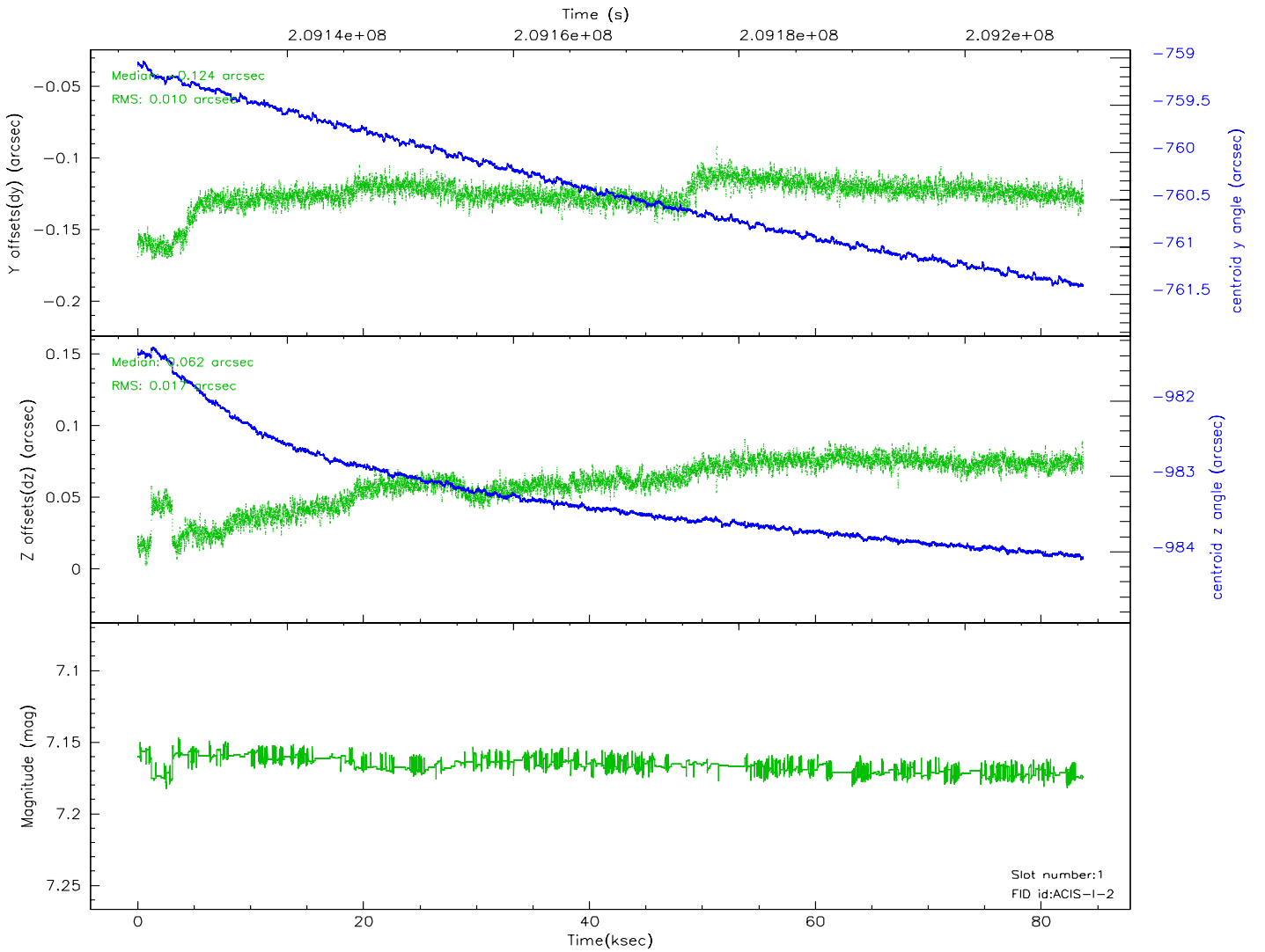
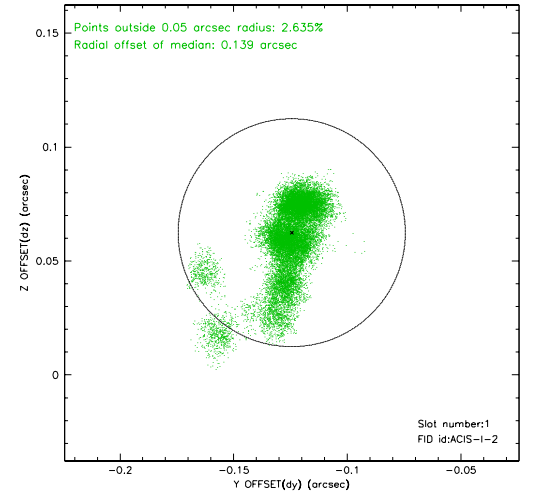
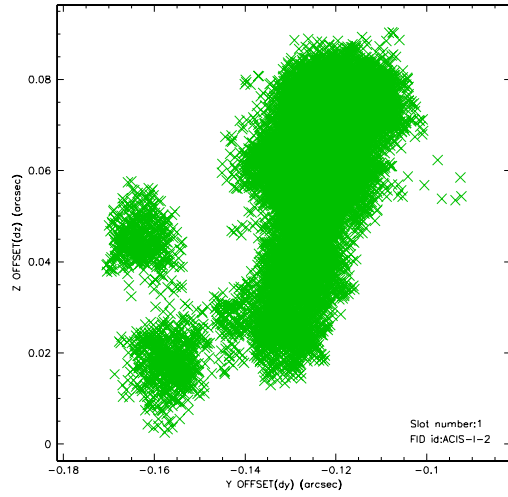


2.5 FID Slots

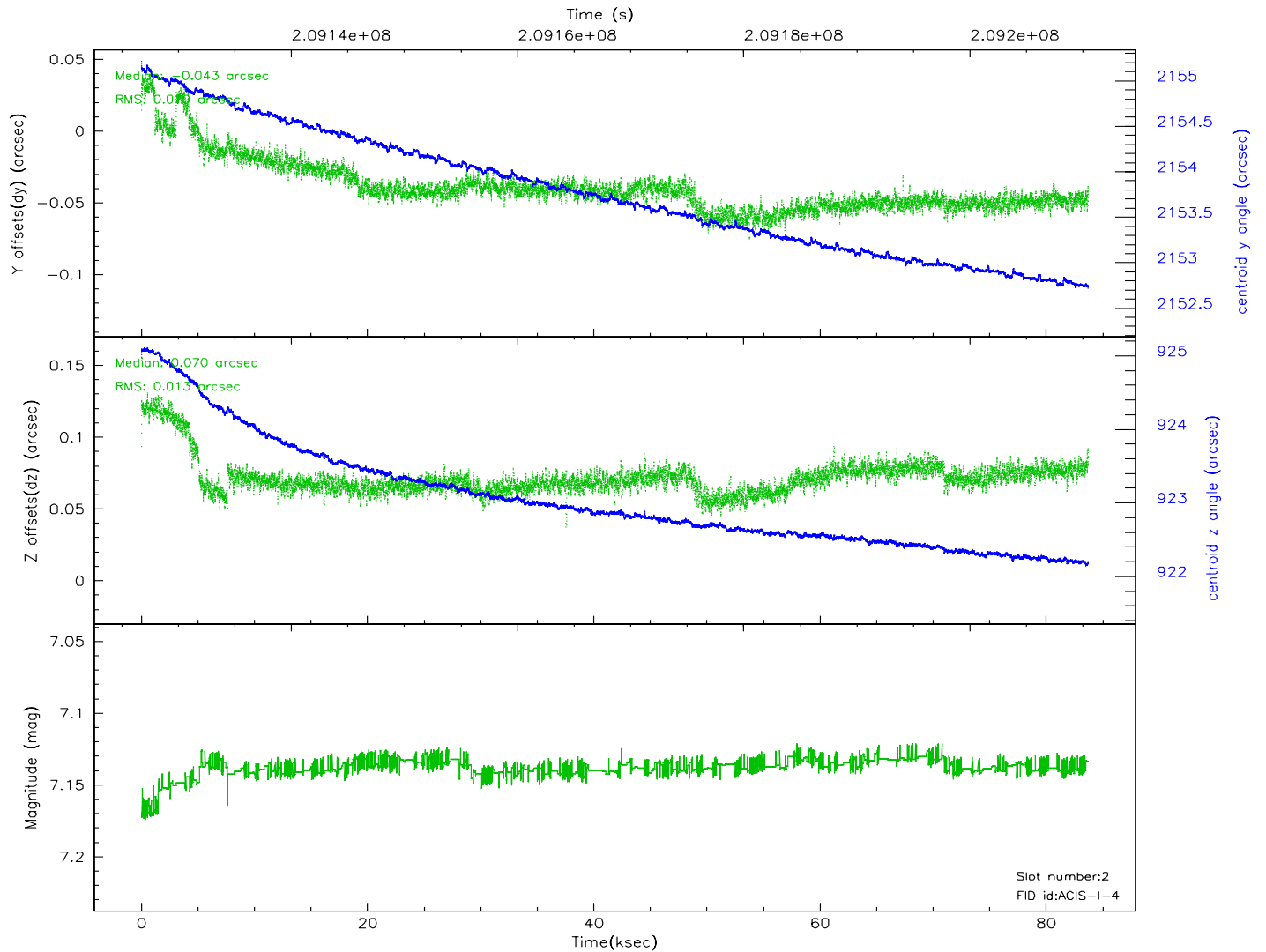
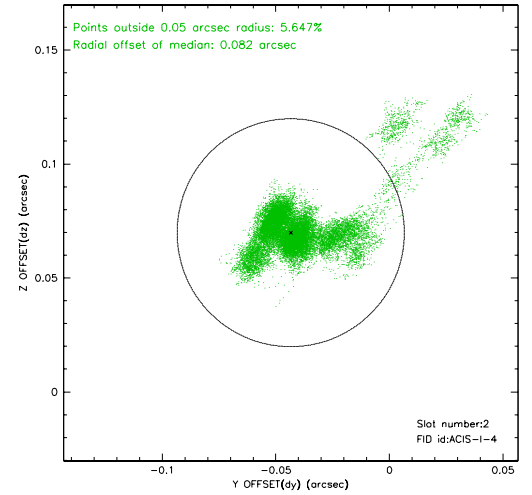
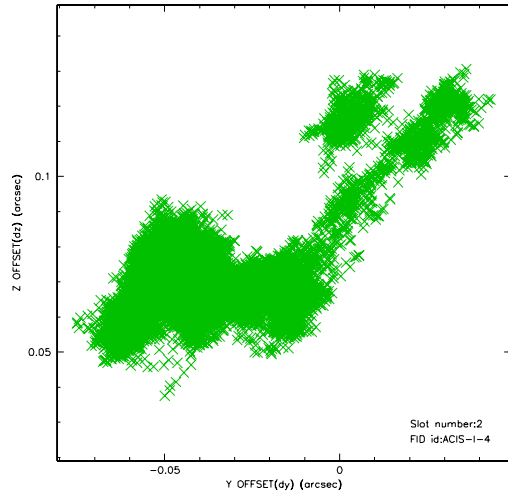
2.5.1 Slot 0



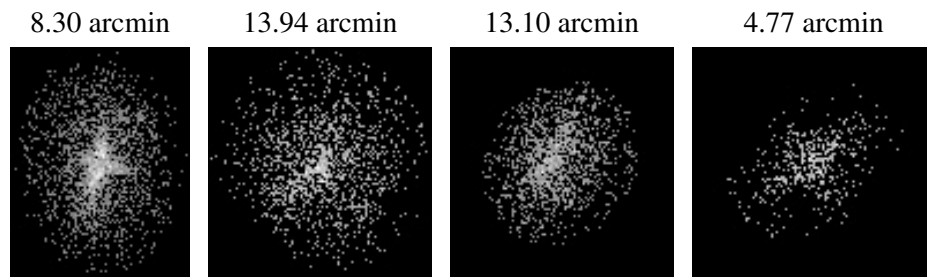
2.5.2 Slot 1



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	83.712

A.2 Comments