

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 5310 - L2 Version 001
Chandra X-Ray Center

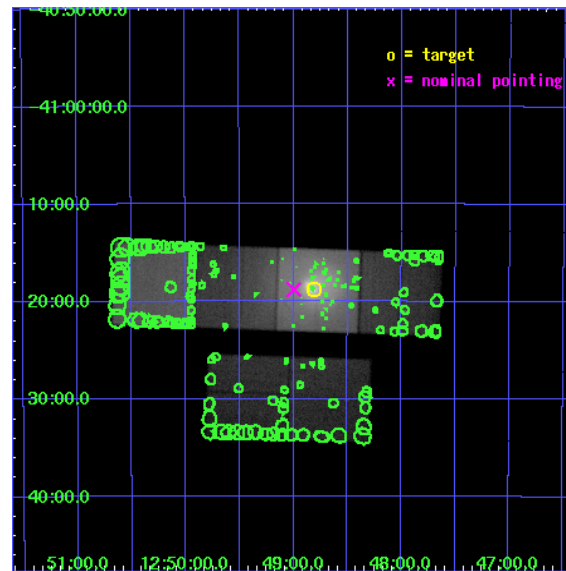
L2 Processing Date : May 27 2006

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1 Front

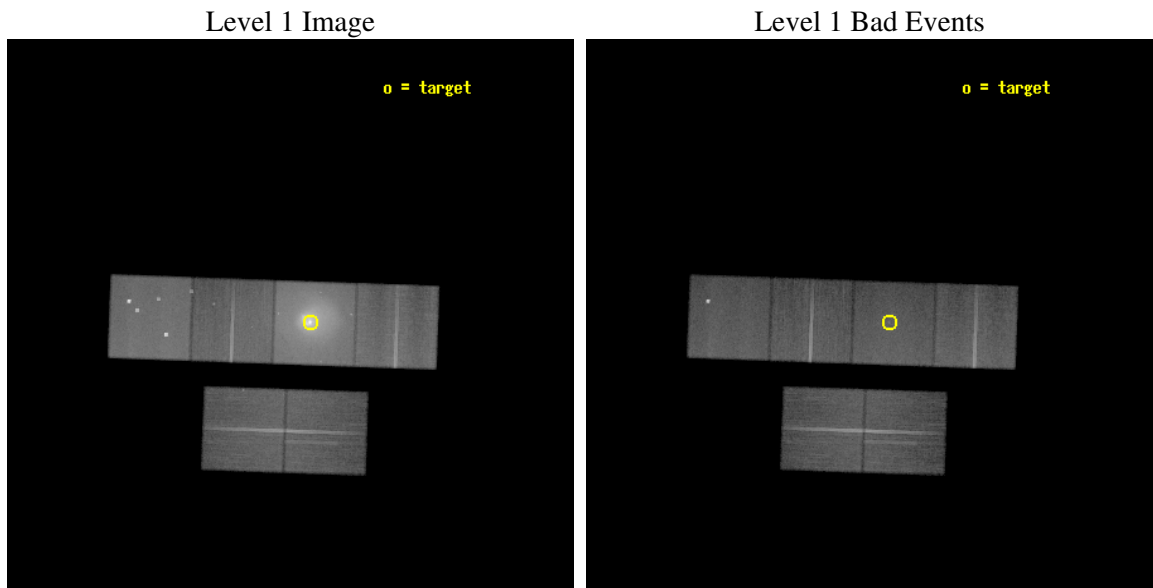
seq_num	800401
obs_id	5310
title	A Detailed Look at the Core of the Centaurus Cluster
observer	Prof Andrew Fabian
object	Centaurus Cluster
dtcycle	0
cycle	P
ra_targ	192.20375
dec_targ	-41.312333
ra_nom	192.24905620606
dec_nom	-41.312923654054
roll_nom	1.9795378729226
revision	2
ontime	49958.39981389
livetime	49325.79647411
ontime2	49958.39981389
ontime3	49958.39981389
ontime5	49958.39981389
ontime6	49958.39981389
ontime7	49958.39981389
ontime8	49958.39981389
l2events	1393436



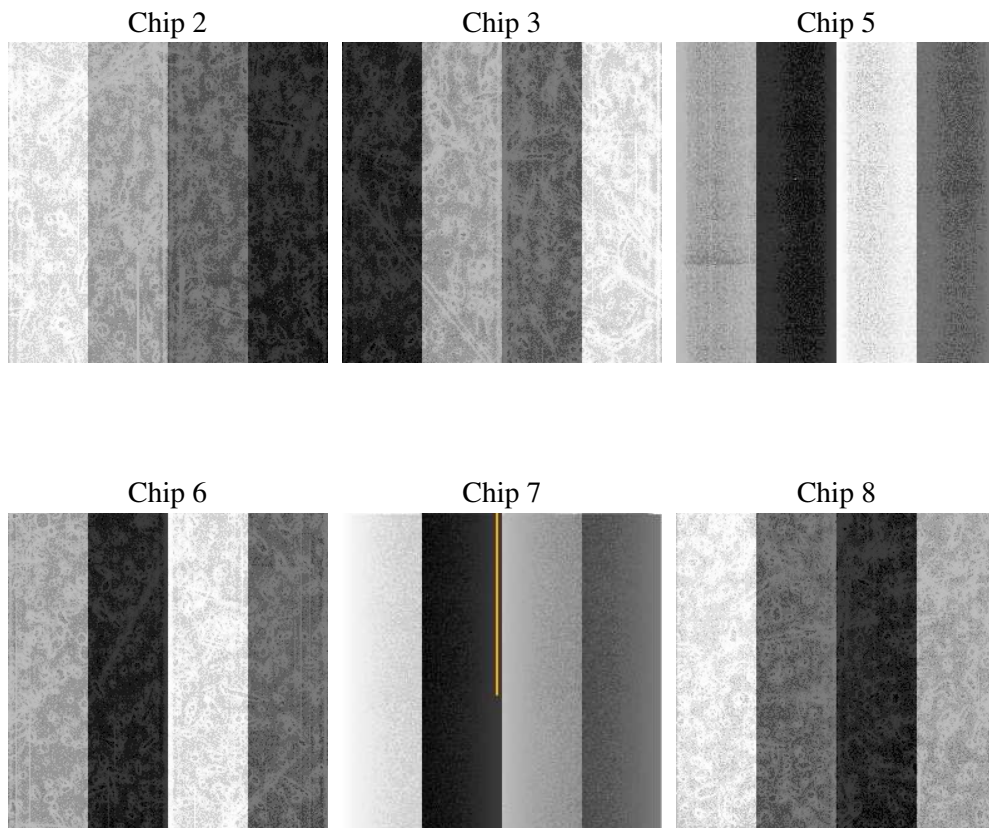
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.2
caldsver	3.2.2
date	2006-05-27T11:03:57
revision	2

sched_exp_time	50000.000000
ontime	49963.447806299
ontime2	49963.447806299
ontime3	49963.447806299
ontime5	49963.447806299
ontime6	49963.447806299
ontime7	49963.447806299
ontime8	49963.447806299
l1events	3277868

2.1.4 Events

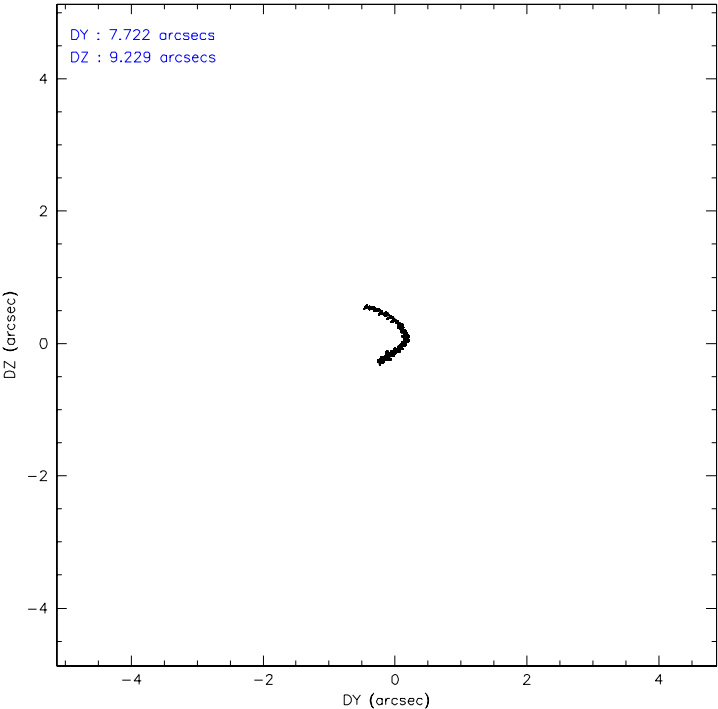
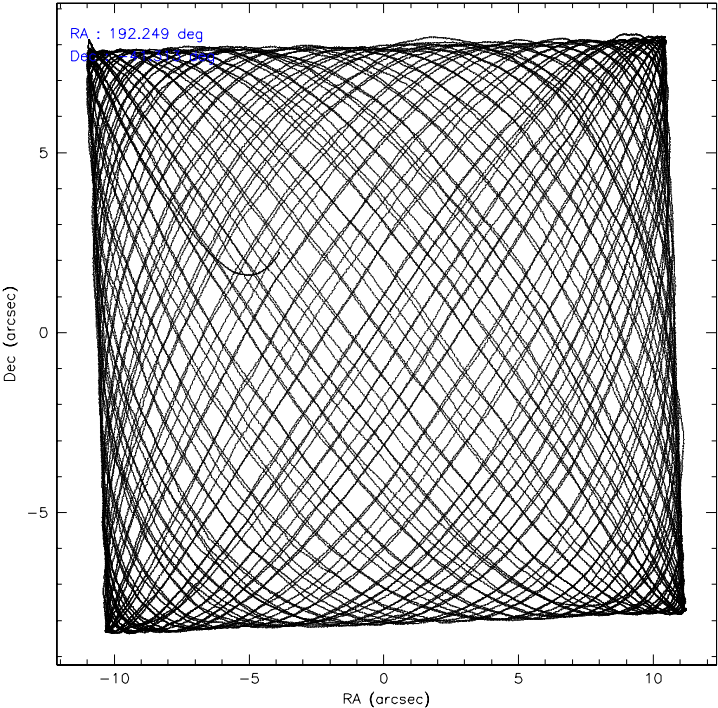
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	367118	344715	563205	445159	1089161	468510
rejected events	297031	279211	285290	291554	284356	324012
rejected %	80%	80%	50%	65%	26%	69%

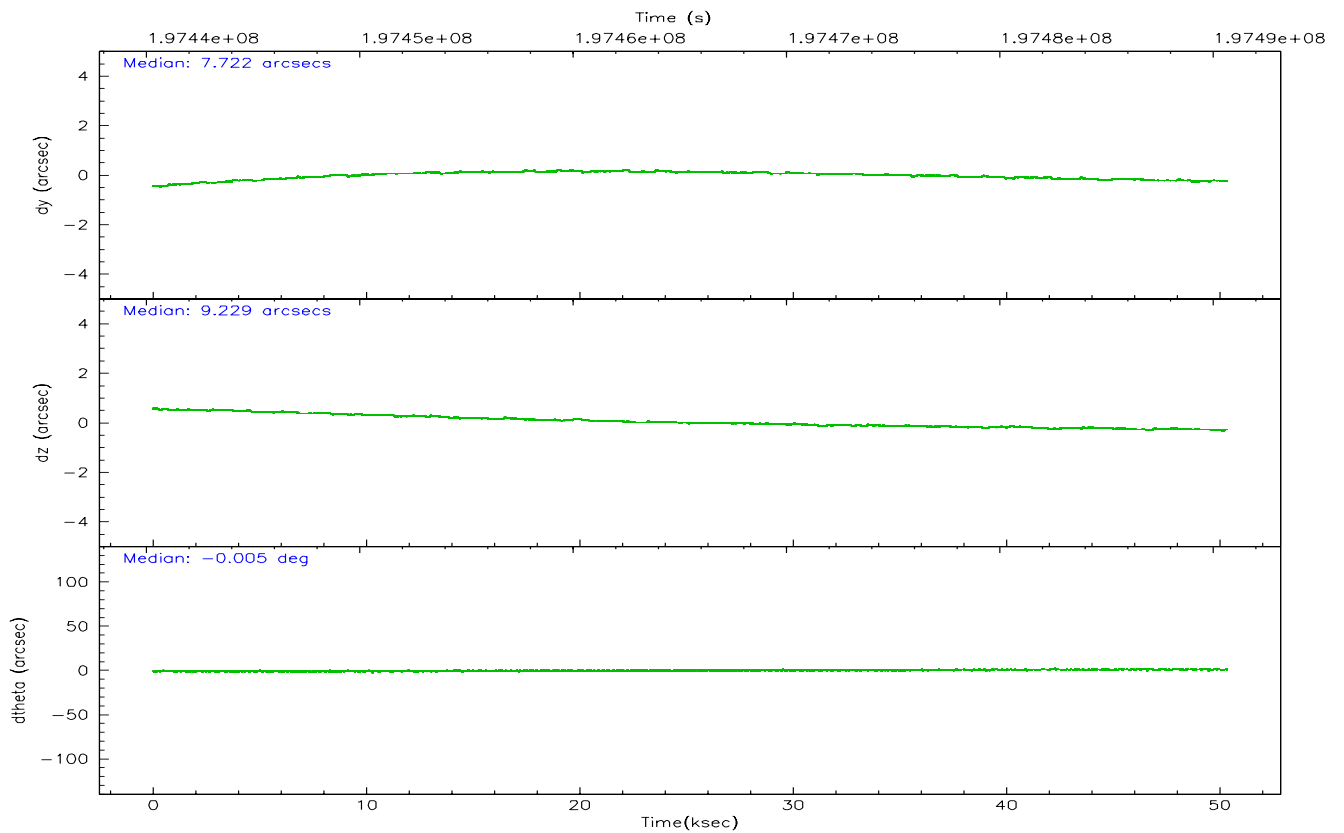
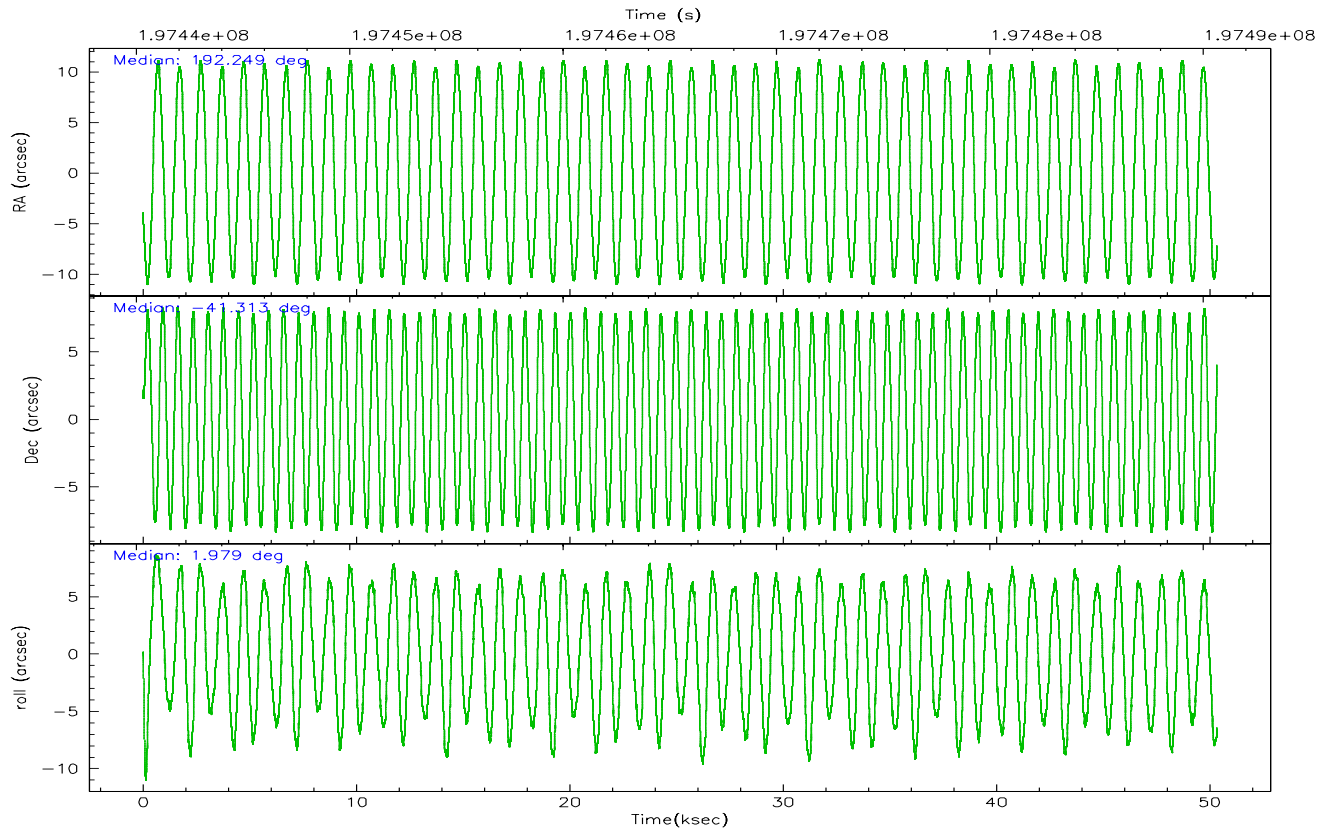
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	42866	39352	42845	109404	183187	74721
	11%	11%	7%	24%	16%	15%
grade 1 events	328	301	433	524	412	449
	0%	0%	0%	0%	0%	0%
grade 2 events	10800	9870	88007	19259	226472	24956
	2%	2%	15%	4%	20%	5%
grade 3 events	4662	4560	8053	7128	78760	10688
	1%	1%	1%	1%	7%	2%
grade 4 events	4580	4538	7699	7176	77738	10196
	1%	1%	1%	1%	7%	2%
grade 5 events	13440	14598	25663	15708	33444	20033
	3%	4%	4%	3%	3%	4%
grade 6 events	7185	7190	131350	10651	238753	23946
	1%	2%	23%	2%	21%	5%
grade 7 events	283257	264306	259155	275309	250395	303521
	77%	76%	46%	61%	22%	64%

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	192.218595	192.2490562060573	Alternating exposures requested	N	N
Pointing Dec	-41.327656	-41.31292365405383	Primary exposure time	0.000000	3.2
Pointing Roll	1.802791	1.979537872922632			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	197440657.184000	197439609.55395			
Observation start date	2004-04-04T04:36:33	2004-04-04T04:20:09			
Observation end time	197490657.184000	197491676.48124			
Observation end date	2004-04-04T18:29:53	2004-04-04T18:47:56			
Read mode	TIMED	TIMED			

2.3 Aspect



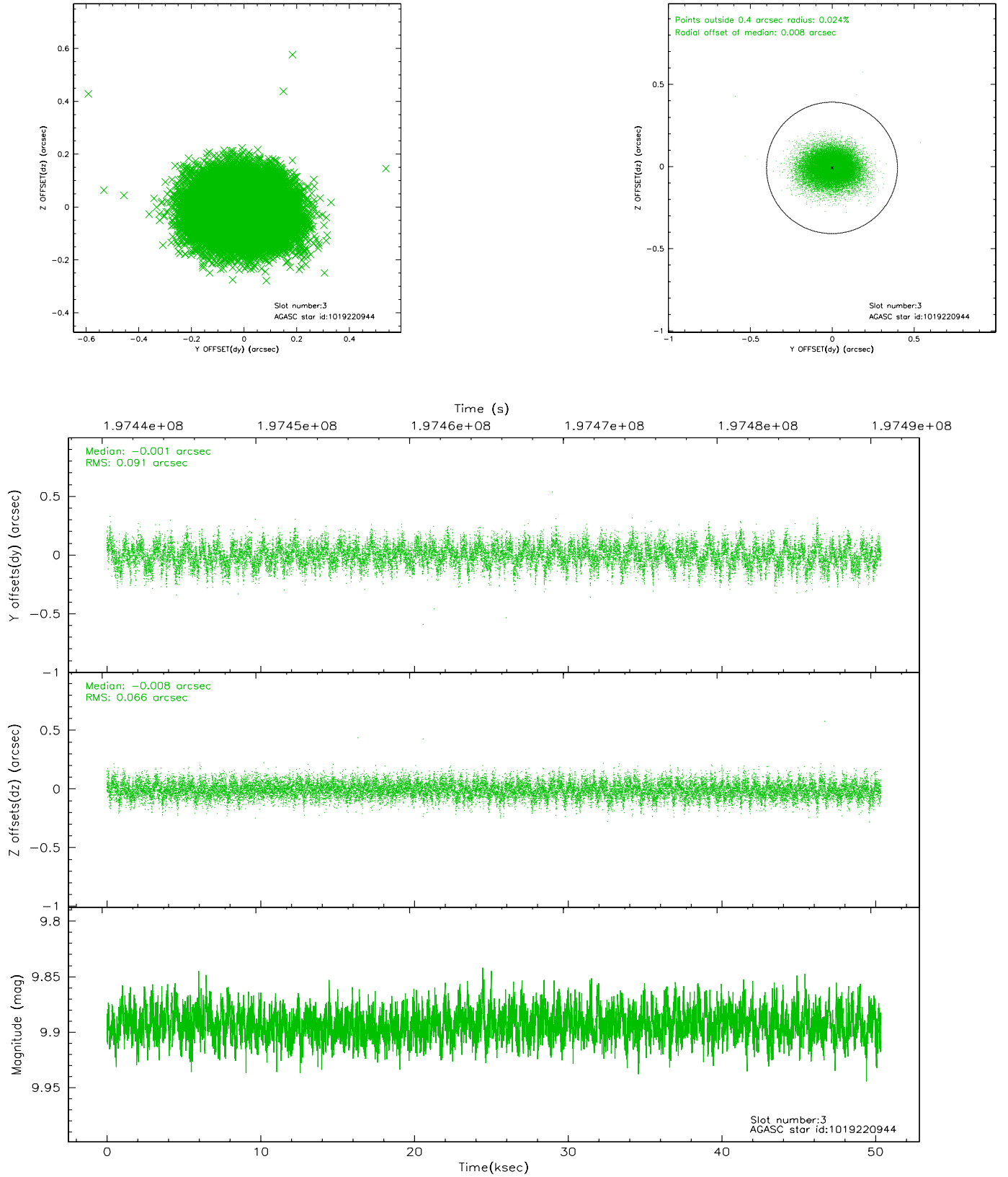


Slot Statistics

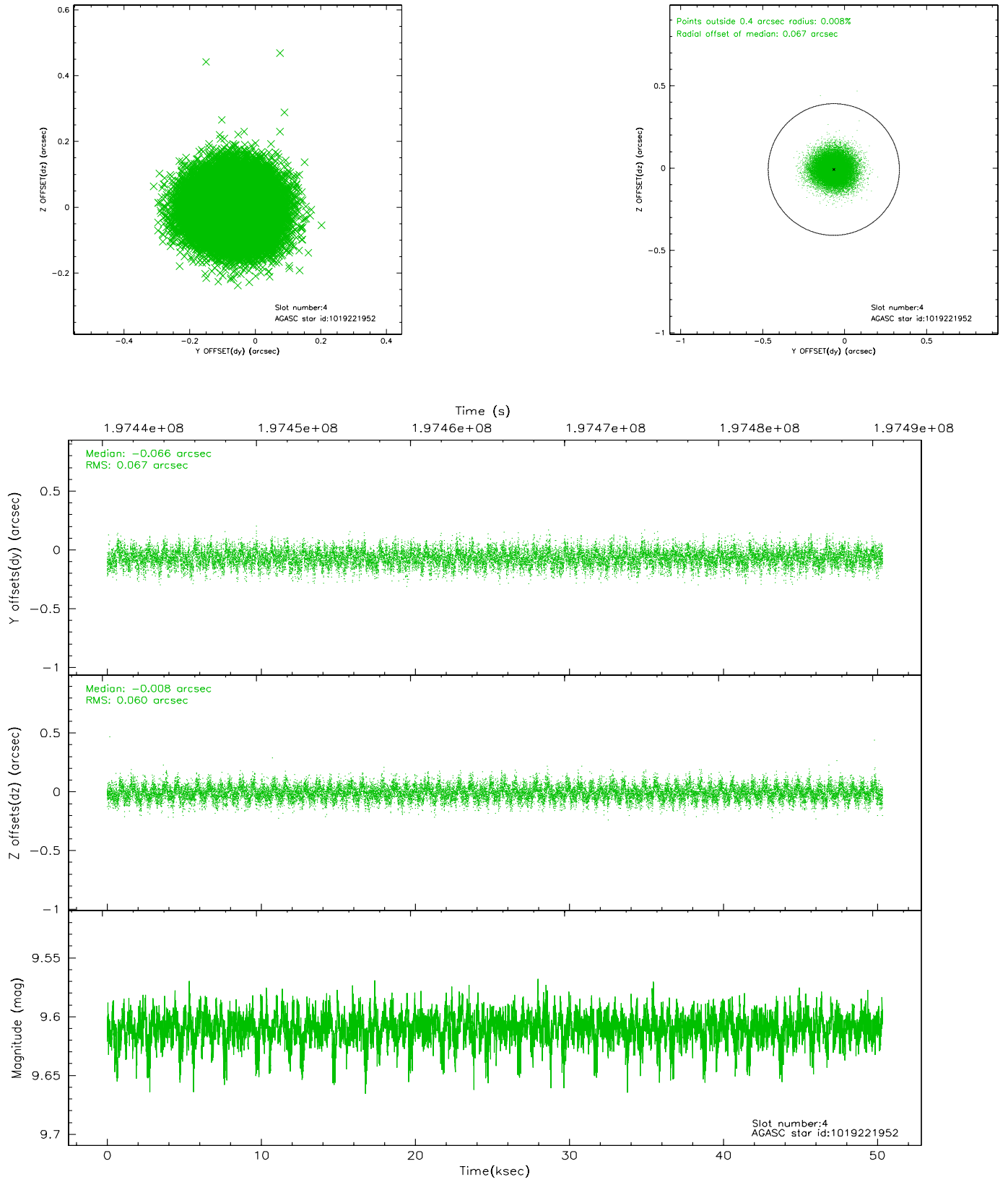
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	12281	-0.016	-0.013	0.009	0.021	0.000000	0.000000	-760.46	-1730.54
1	FID	ACIS-S-4	7.20	12282	0.040	0.011	0.009	0.015	0.000000	0.000000	2152.85	178.03
2	FID	ACIS-S-5	7.24	12282	-0.056	0.011	0.011	0.028	0.000000	0.000000	-1813.39	171.61
3	GUIDE	1019220944	9.89	24546	-0.001	-0.008	0.119	0.196	192.806424	-41.071482	1623.63	866.17
4	GUIDE	1019221952	9.61	24546	-0.066	-0.008	0.096	0.154	192.906873	-41.032646	1901.60	995.43
5	GUIDE	1019740808	8.80	24560	0.048	-0.114	0.063	0.101	192.766173	-41.251253	1490.12	223.59
6	GUIDE	1019743536	8.65	24555	-0.003	0.131	0.071	0.115	192.632057	-41.696442	1069.38	-1364.51
7	GUIDE	1019615024	8.48	24561	0.027	-0.001	0.050	0.081	191.349086	-41.365736	-2352.38	-74.94

2.4 Star Slots

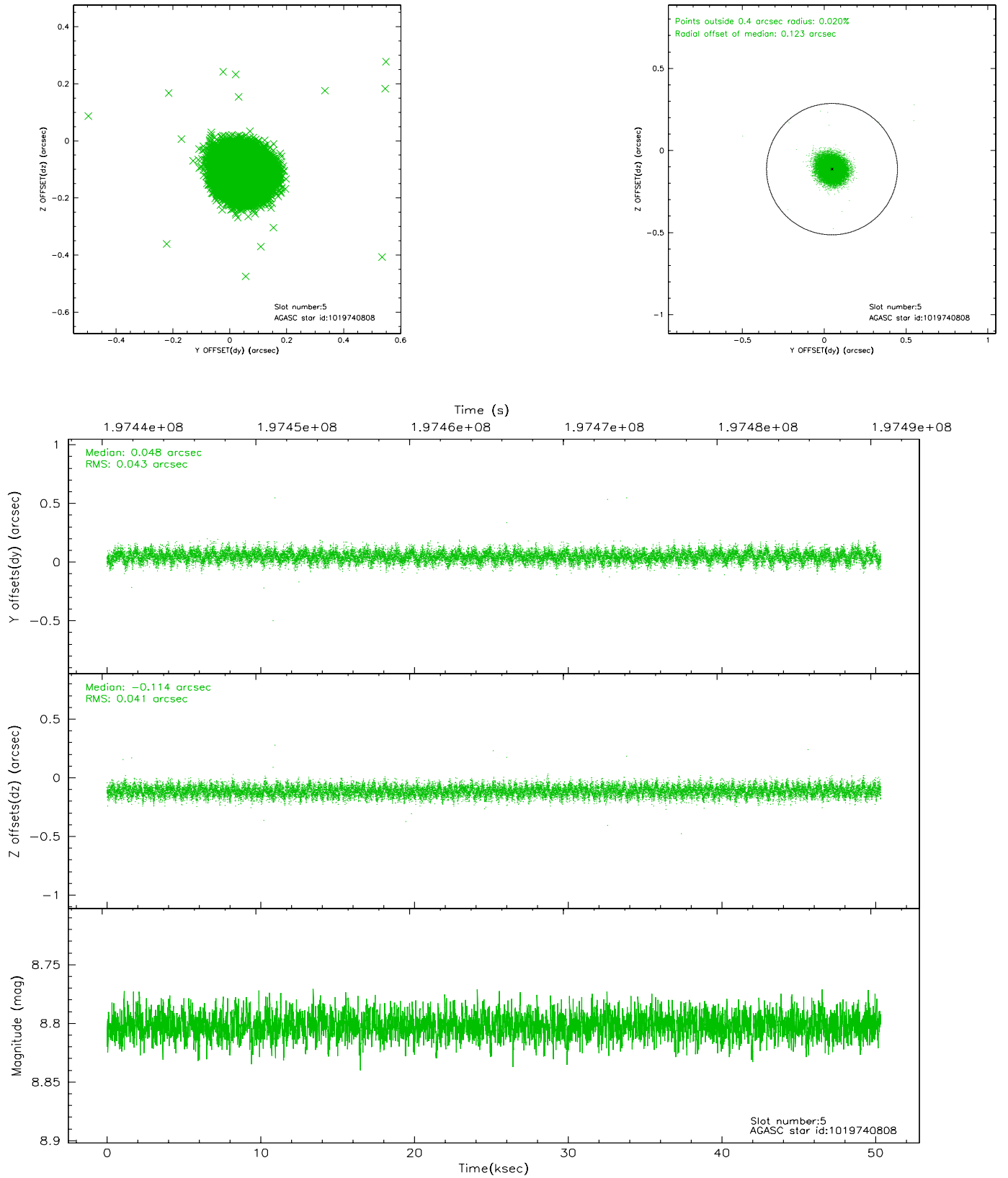
2.4.1 Slot 3



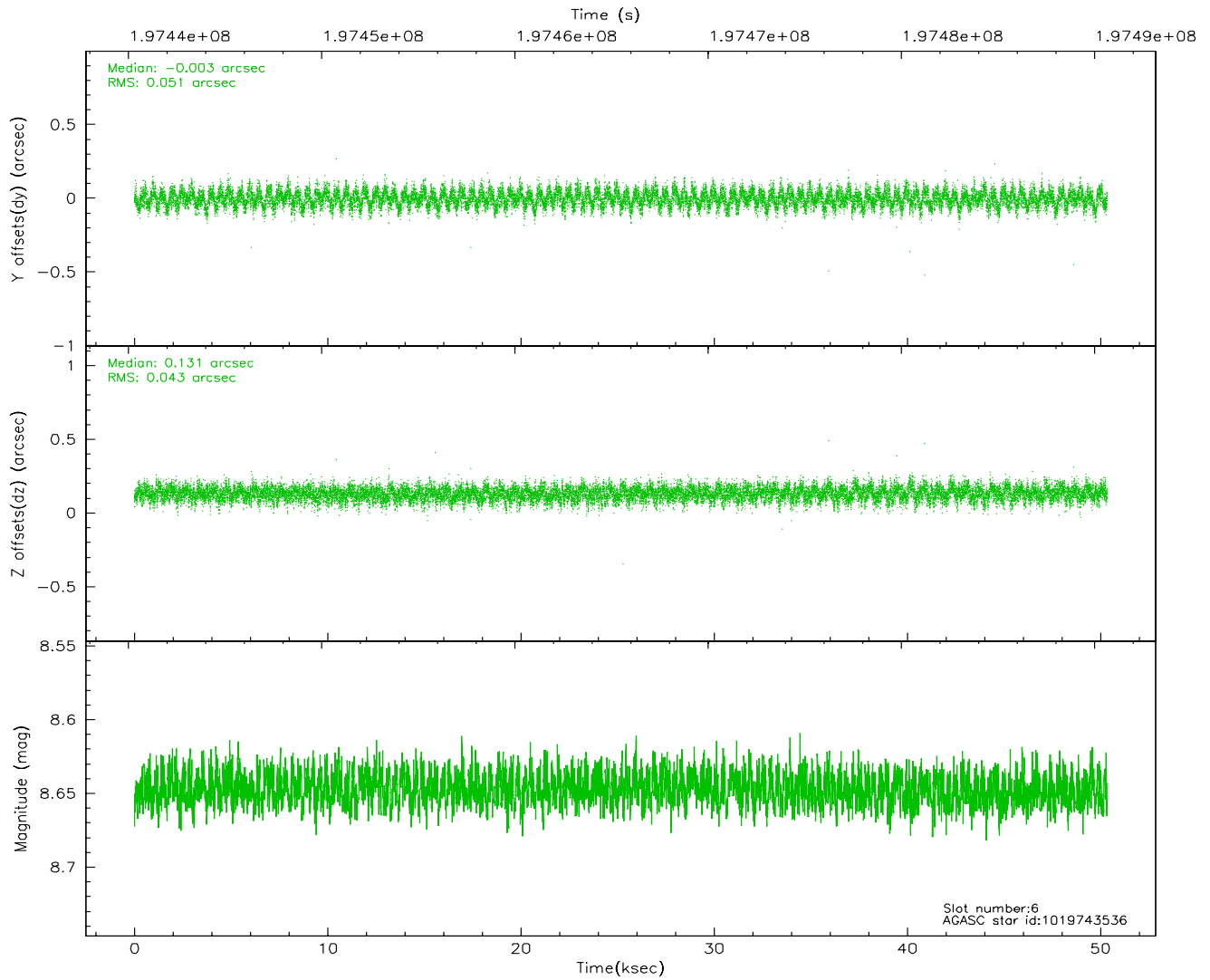
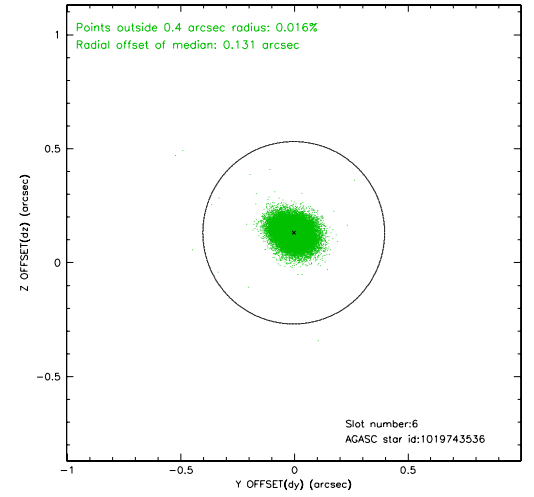
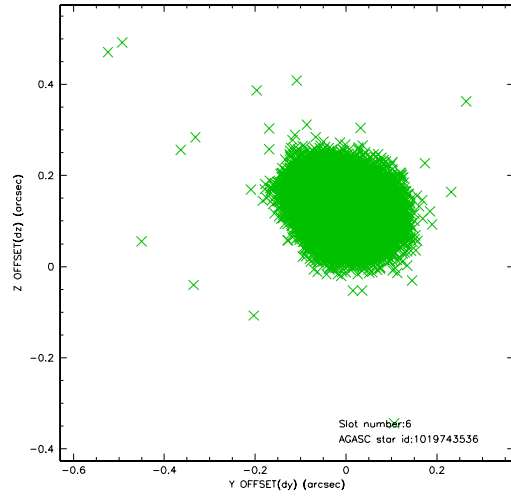
2.4.2 Slot 4



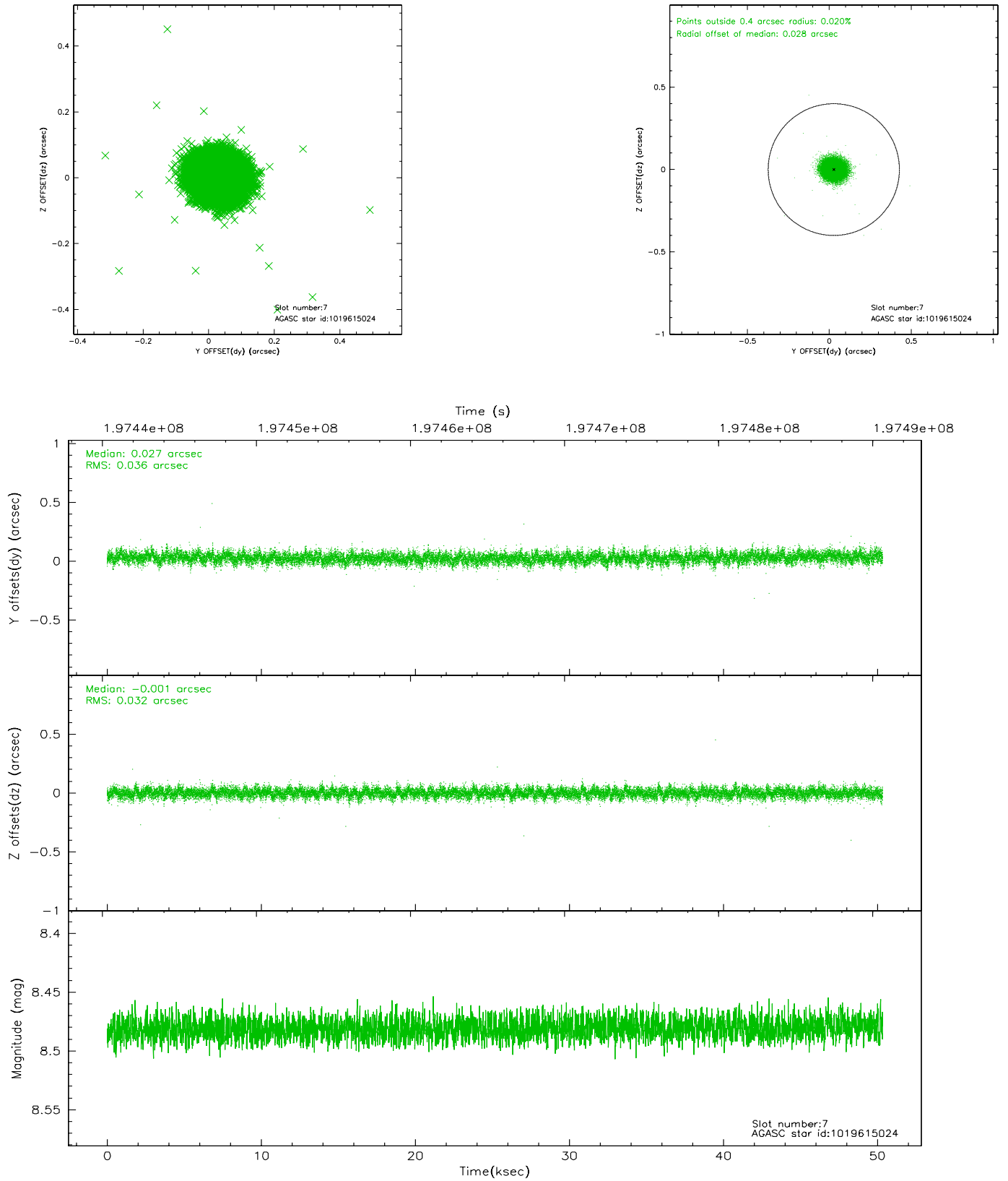
2.4.3 Slot 5



2.4.4 Slot 6

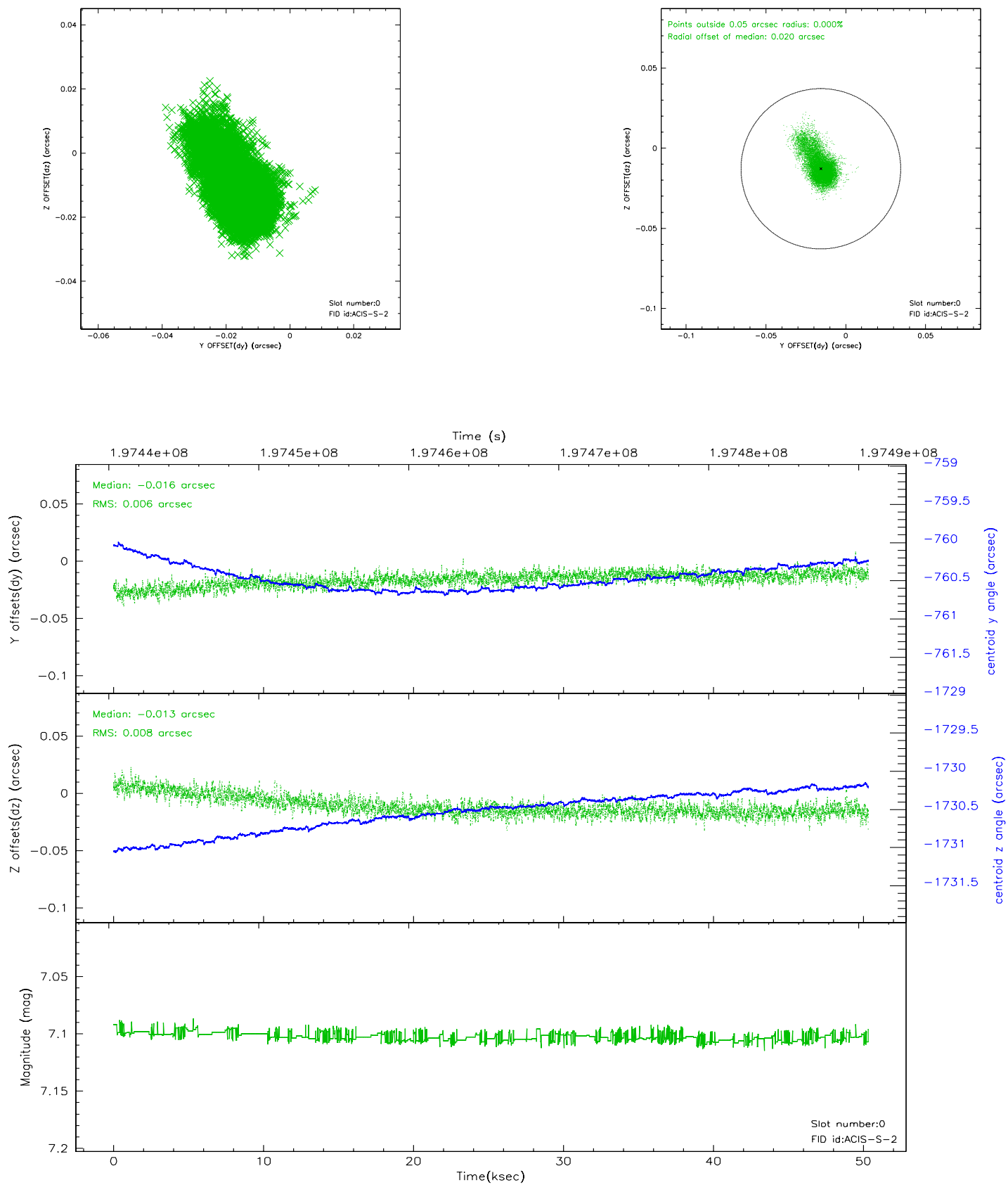


2.4.5 Slot 7

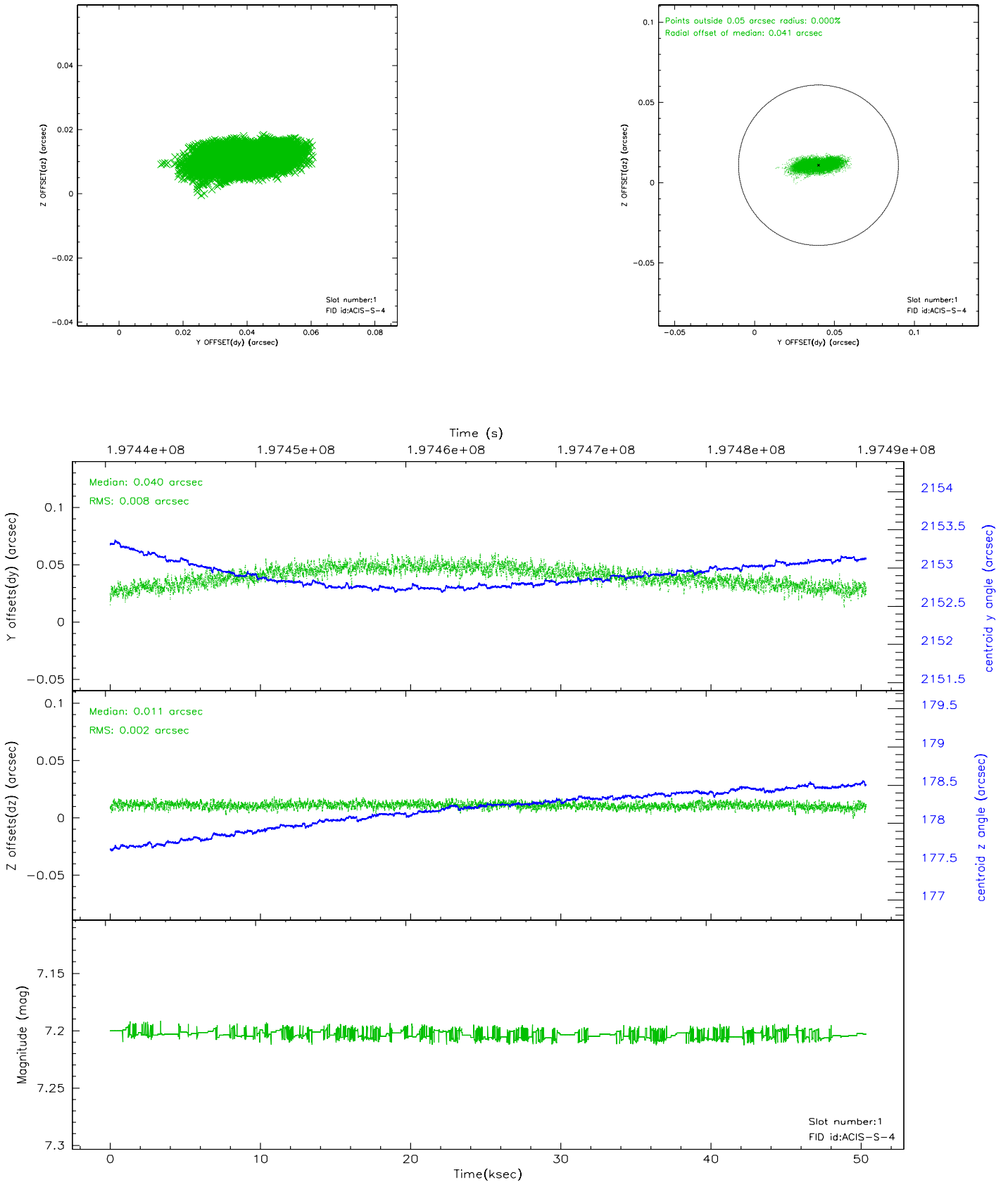


2.5 FID Slots

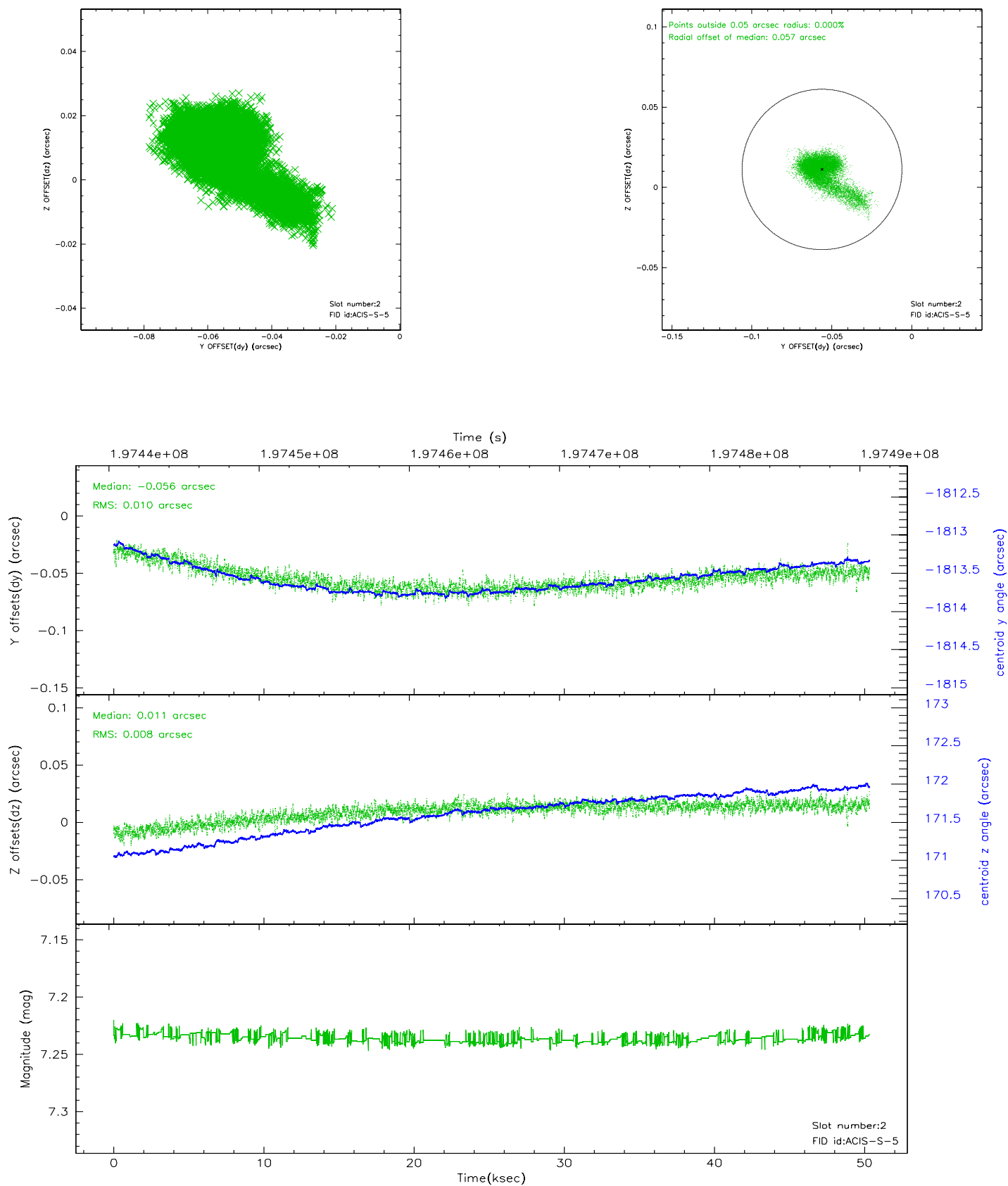
2.5.1 Slot 0



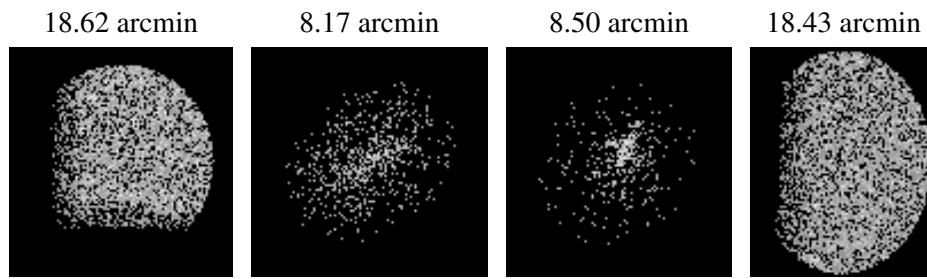
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.05.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	49.961

A.2 Comments