

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 5314 - L2 Version 001
Chandra X-Ray Center

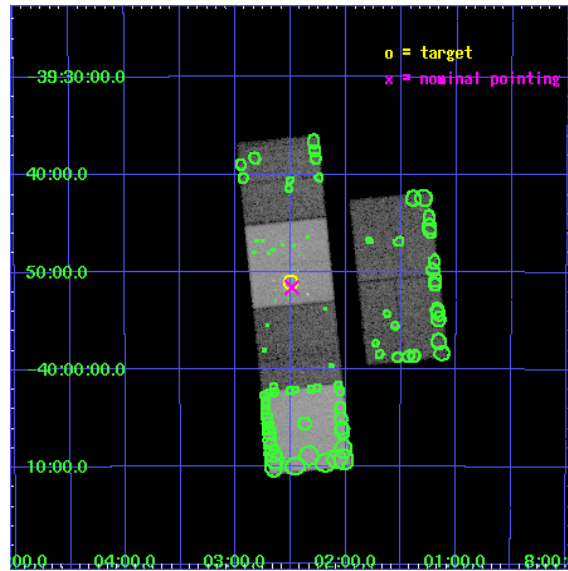
L2 Processing Date : May 25 2006

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1 Front

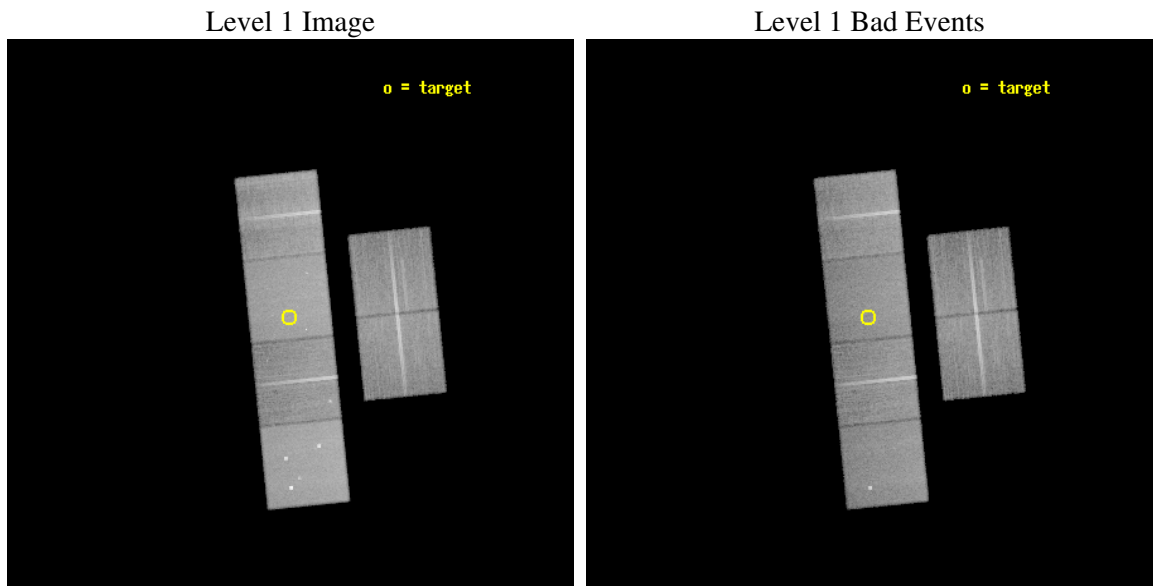
seq_num	500506
obs_id	5314
title	Is GRB 031203 a GRB-SN seen off axis?
observer	Dr Chryssa Kouveliotou
object	GRB031203
dtcycle	0
cycle	P
ra_targ	120.625833
dec_targ	-39.850778
ra_nom	120.62239012327
dec_nom	-39.860063191919
roll_nom	264.14658691032
revision	2
ontime	30156.799887657
livetime	29774.936329235
ontime2	30156.799887657
ontime3	30156.799887657
ontime5	30156.799887657
ontime6	30156.799887657
ontime7	30156.799887657
ontime8	30150.31789729
l2events	331983



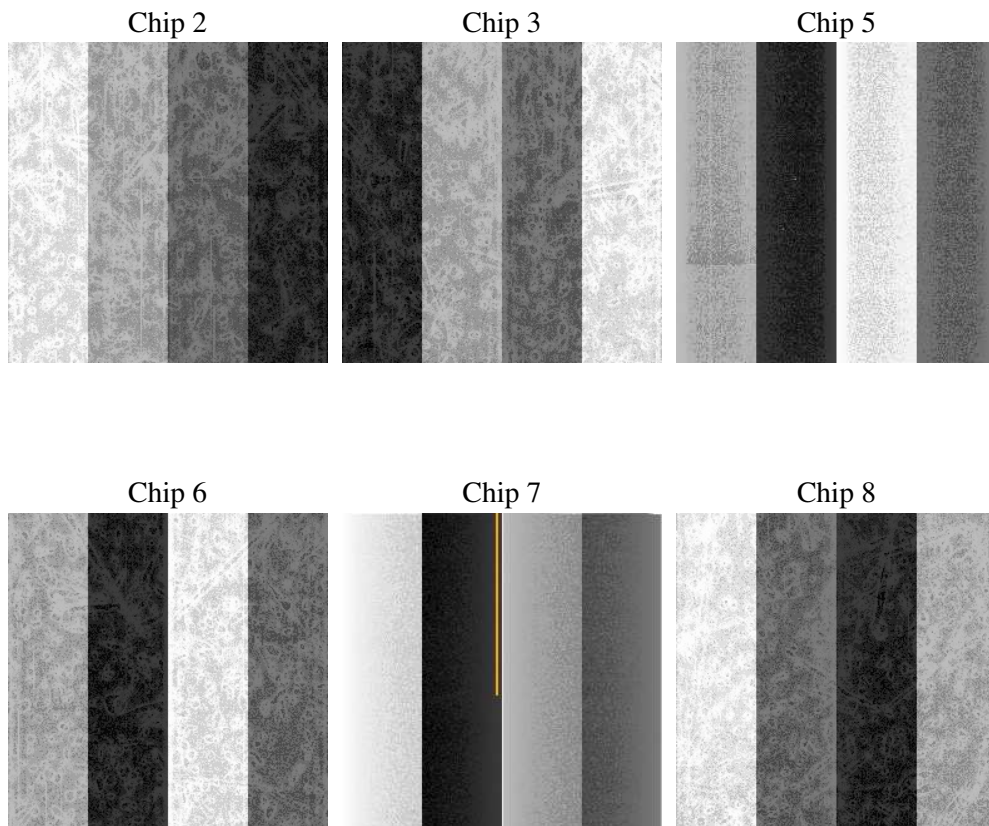
2 OBI

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	2006-05-25T14:26:50
revision	2

sched_exp_time	30000.000000
ontime	31664.600325167
ontime2	31664.600295246
ontime3	31664.600325167
ontime5	31664.600325167
ontime6	31664.600295246
ontime7	31664.600325167
ontime8	31658.1183348
l1events	1611943

2.1.4 Events

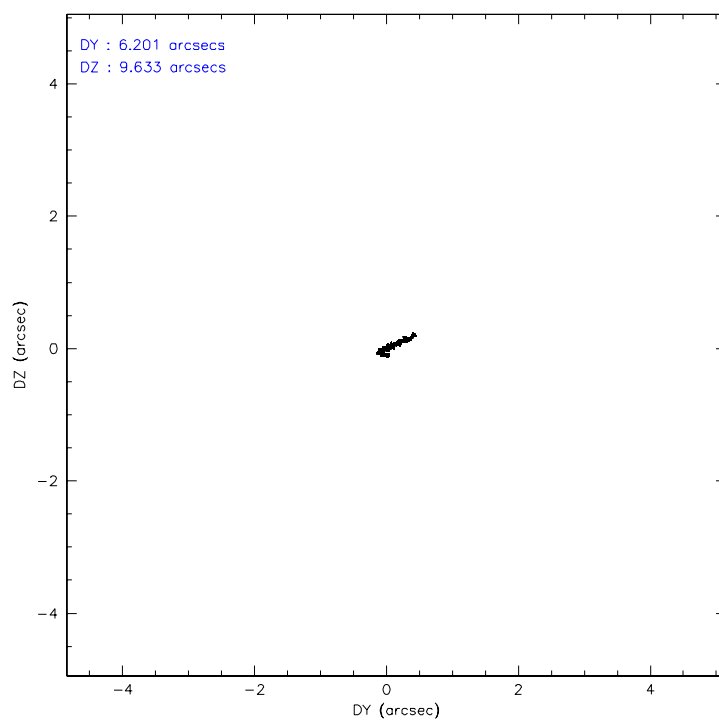
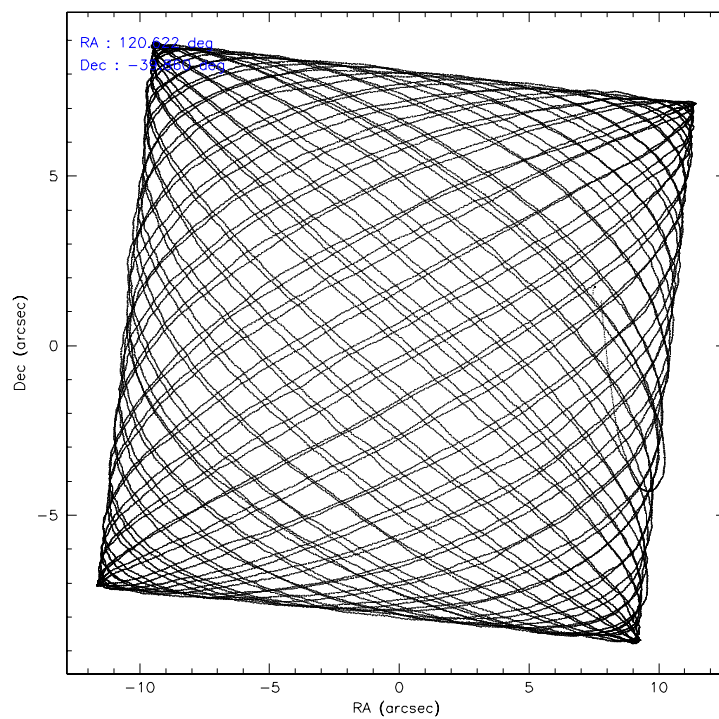
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	228024	217117	340669	229682	307514	288937
rejected events	202610	192530	199354	203280	196406	231166
rejected %	88%	88%	58%	88%	63%	80%

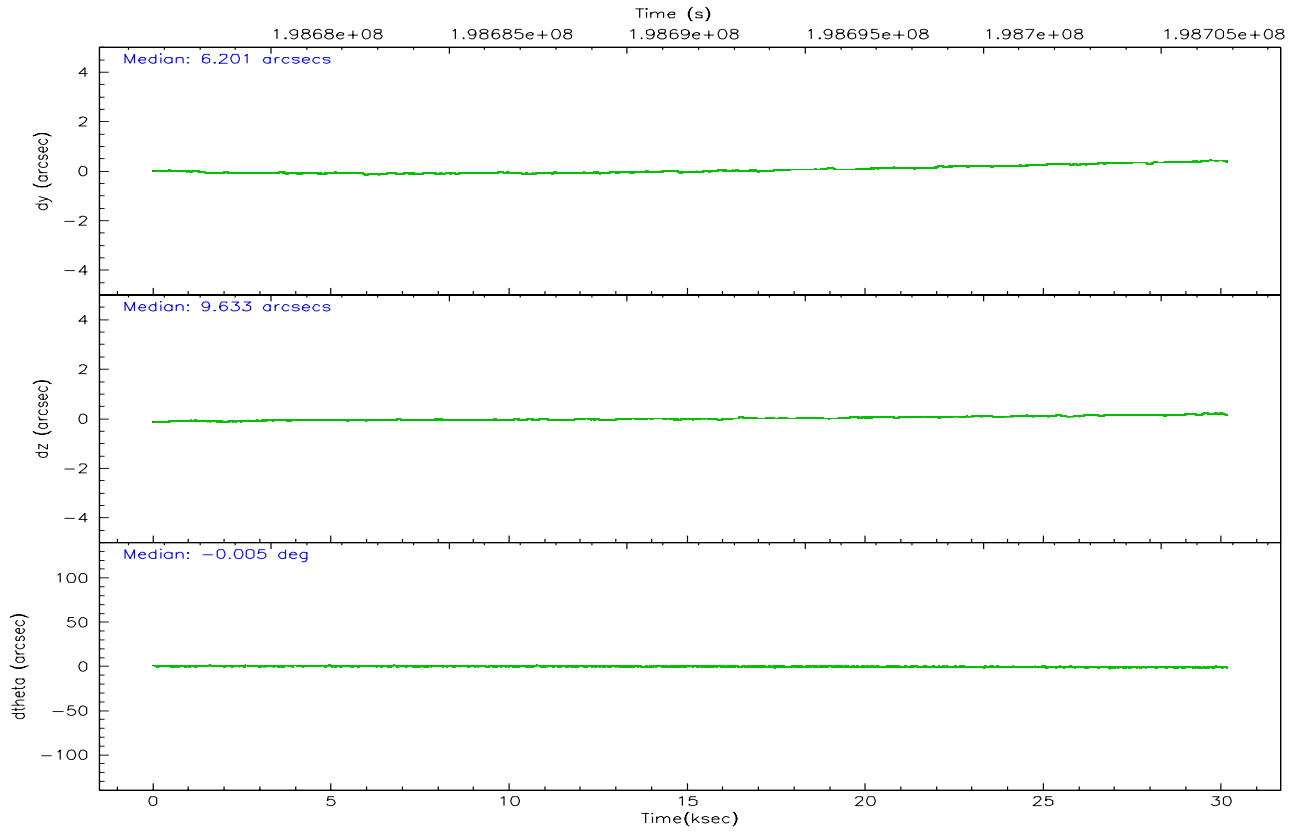
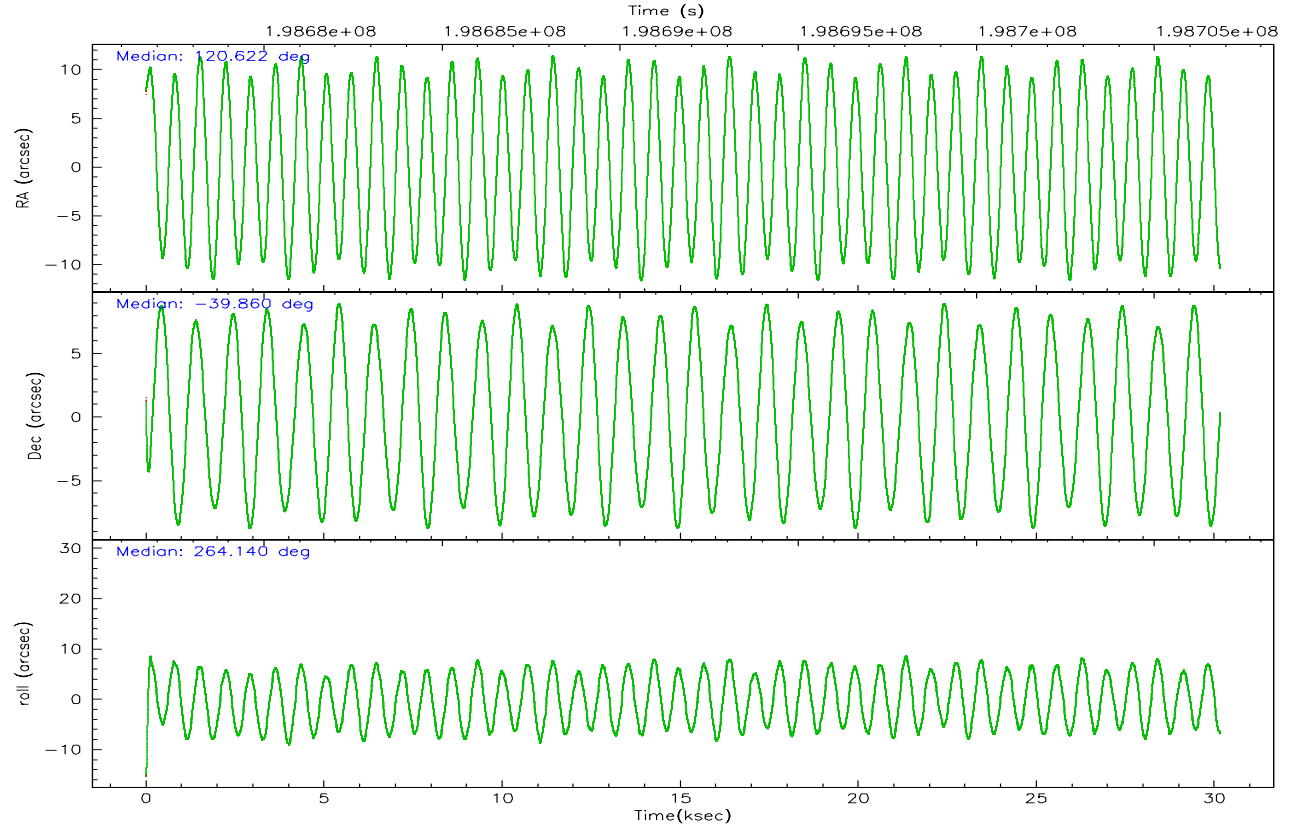
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	11826	11245	11403	11253	6651	19177
	5%	5%	3%	4%	2%	6%
grade 1 events	164	121	281	123	198	186
	0%	0%	0%	0%	0%	0%
grade 2 events	5377	4930	45160	5614	28871	12816
	2%	2%	13%	2%	9%	4%
grade 3 events	2504	2589	4092	2721	6001	6576
	1%	1%	1%	1%	1%	2%
grade 4 events	2495	2555	2898	2600	5754	6408
	1%	1%	0%	1%	1%	2%
grade 5 events	9026	9831	17727	10489	20462	13510
	3%	4%	5%	4%	6%	4%
grade 6 events	4508	4488	84964	5473	69431	15513
	1%	2%	24%	2%	22%	5%
grade 7 events	192124	181358	174144	191409	170146	214751
	84%	83%	51%	83%	55%	74%

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	VFAINT	VFAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	120.607424	120.6223901232714	Alternating exposures requested	N	N
Pointing Dec	-39.835380	-39.86006319191854	Primary exposure time	0.000000	3.2
Pointing Roll	263.980383	264.1465869103233			
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	198676854.184000	198675041.08332			
Observation start date	2004-04-18T11:59:50	2004-04-18T11:30:41			
Observation end time	198706854.184000	198708197.27228			
Observation end date	2004-04-18T20:19:50	2004-04-18T20:43:17			
Read mode	TIMED	TIMED			

2.3 Aspect



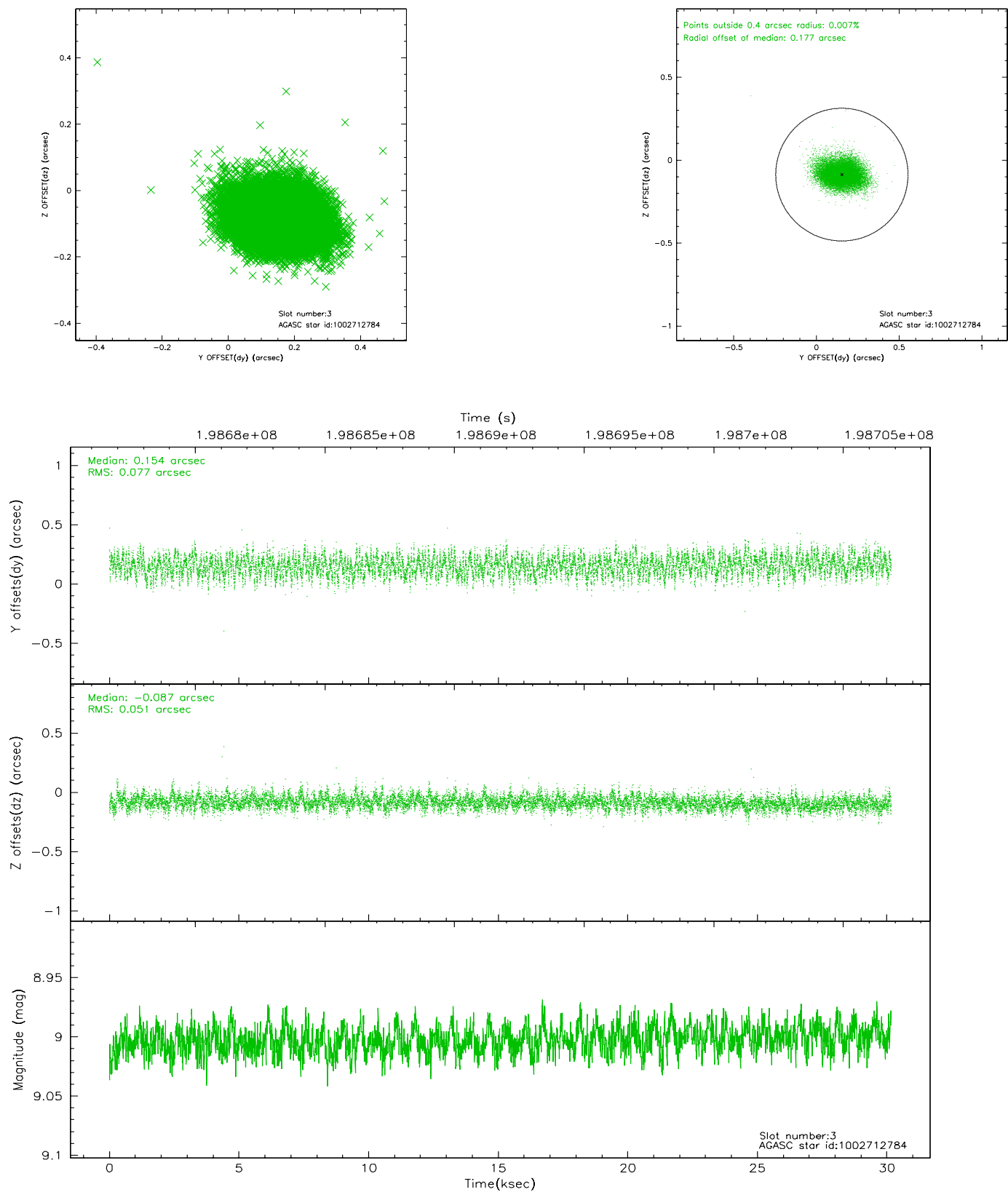


Slot Statistics

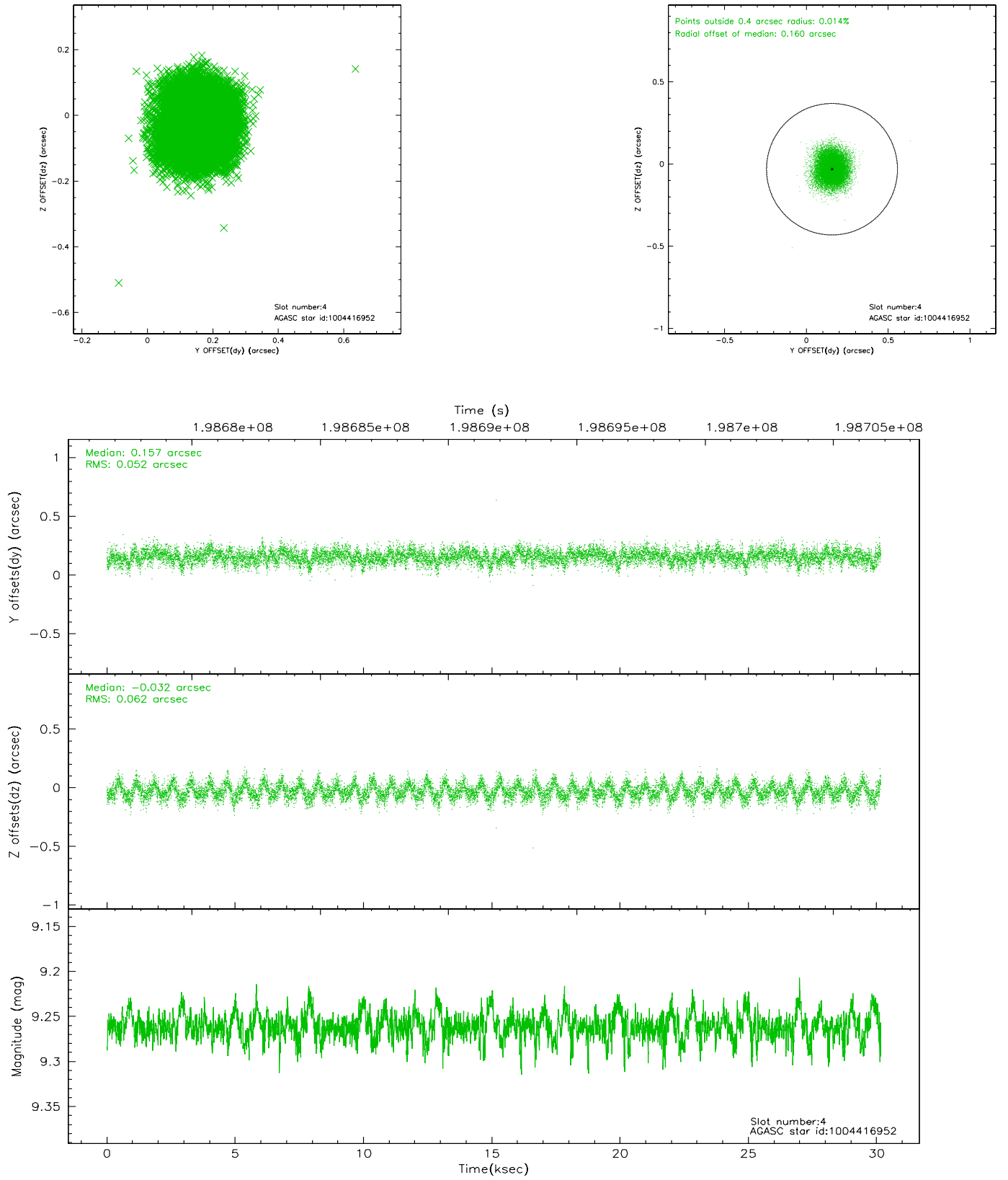
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.18	7358	-0.013	0.007	0.008	0.014	0.000000	0.000000	937.02	-1726.52
1	FID	ACIS-S-4	7.21	7358	0.040	0.006	0.007	0.011	0.000000	0.000000	2154.52	177.57
2	FID	ACIS-S-5	7.23	7357	-0.054	-0.000	0.006	0.010	0.000000	0.000000	-1811.80	171.24
3	GUIDE	1002712784	9.00	14711	0.154	-0.087	0.097	0.157	119.710142	-40.342962	2088.56	-2255.24
4	GUIDE	1004416952	9.26	14695	0.157	-0.032	0.086	0.139	120.668606	-40.123891	1015.86	276.45
5	GUIDE	1004428200	9.34	14636	0.174	0.136	0.078	0.128	120.904943	-40.387705	1893.70	1020.57
6	GUIDE	1002714360	7.72	14714	-0.269	-0.026	0.071	0.117	119.781728	-39.420308	-1234.29	-2439.17
7	GUIDE	1004425112	8.88	14708	-0.208	0.014	0.110	0.167	121.364029	-39.923076	103.48	2111.41

2.4 Star Slots

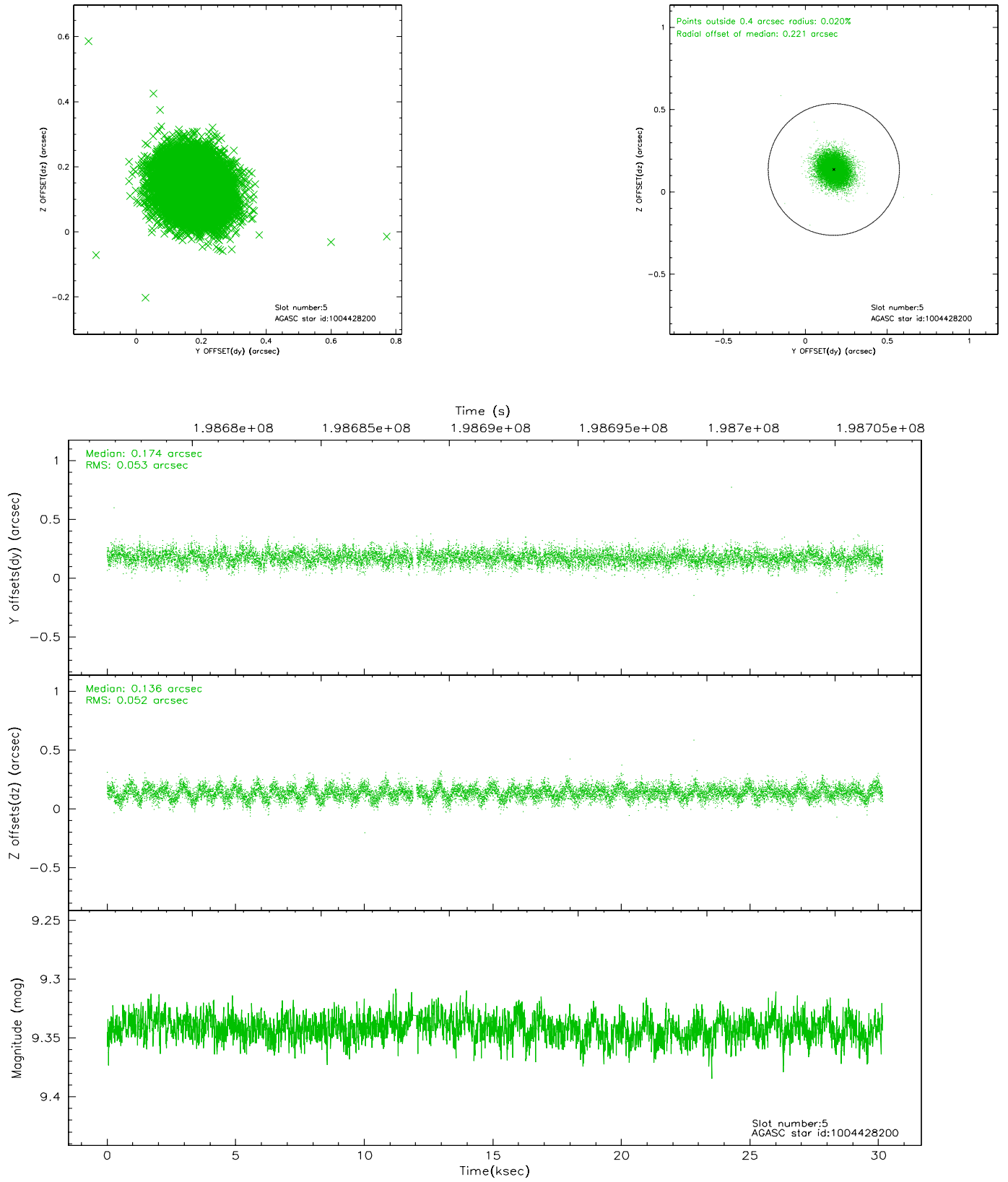
2.4.1 Slot 3



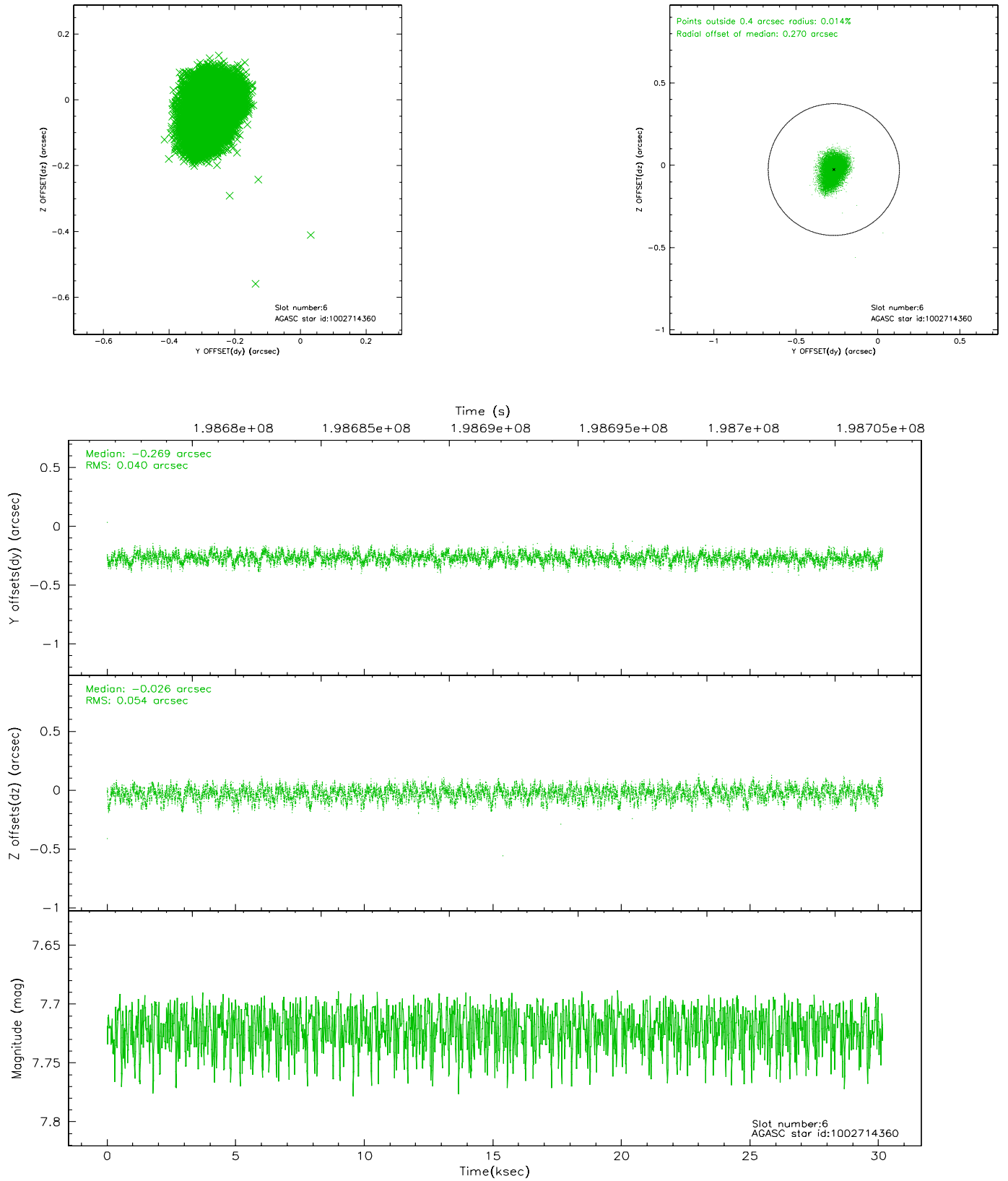
2.4.2 Slot 4



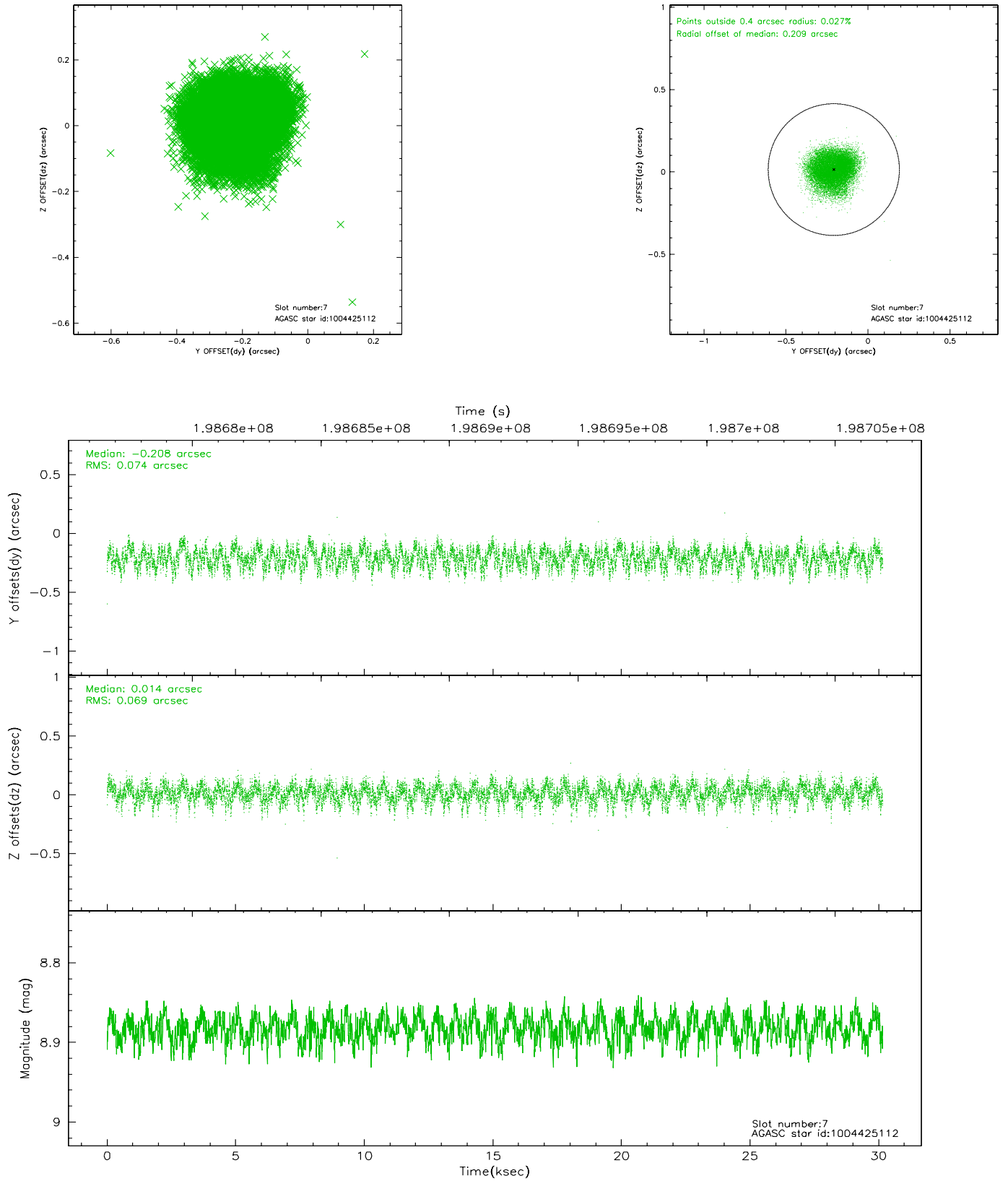
2.4.3 Slot 5



2.4.4 Slot 6

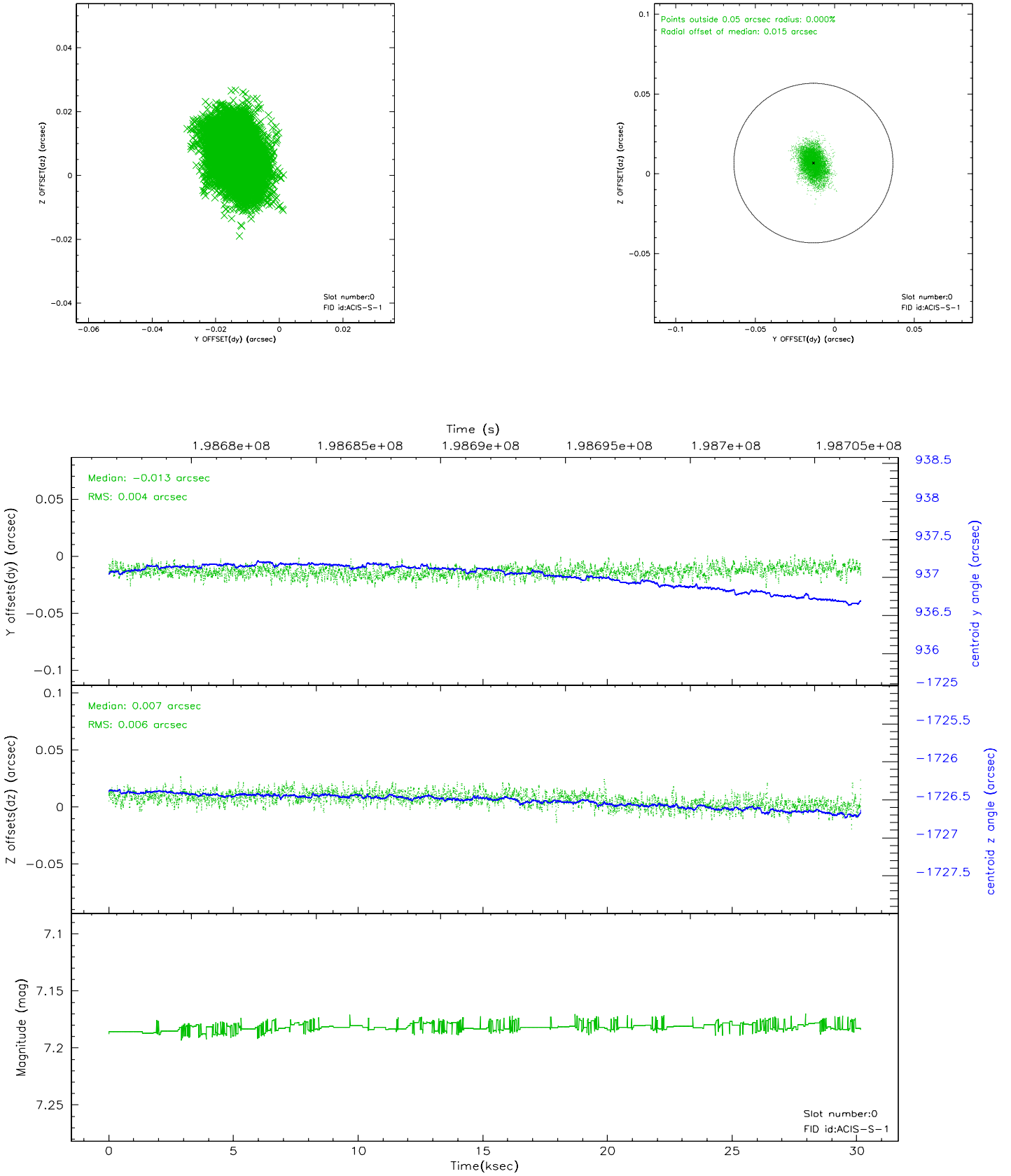


2.4.5 Slot 7

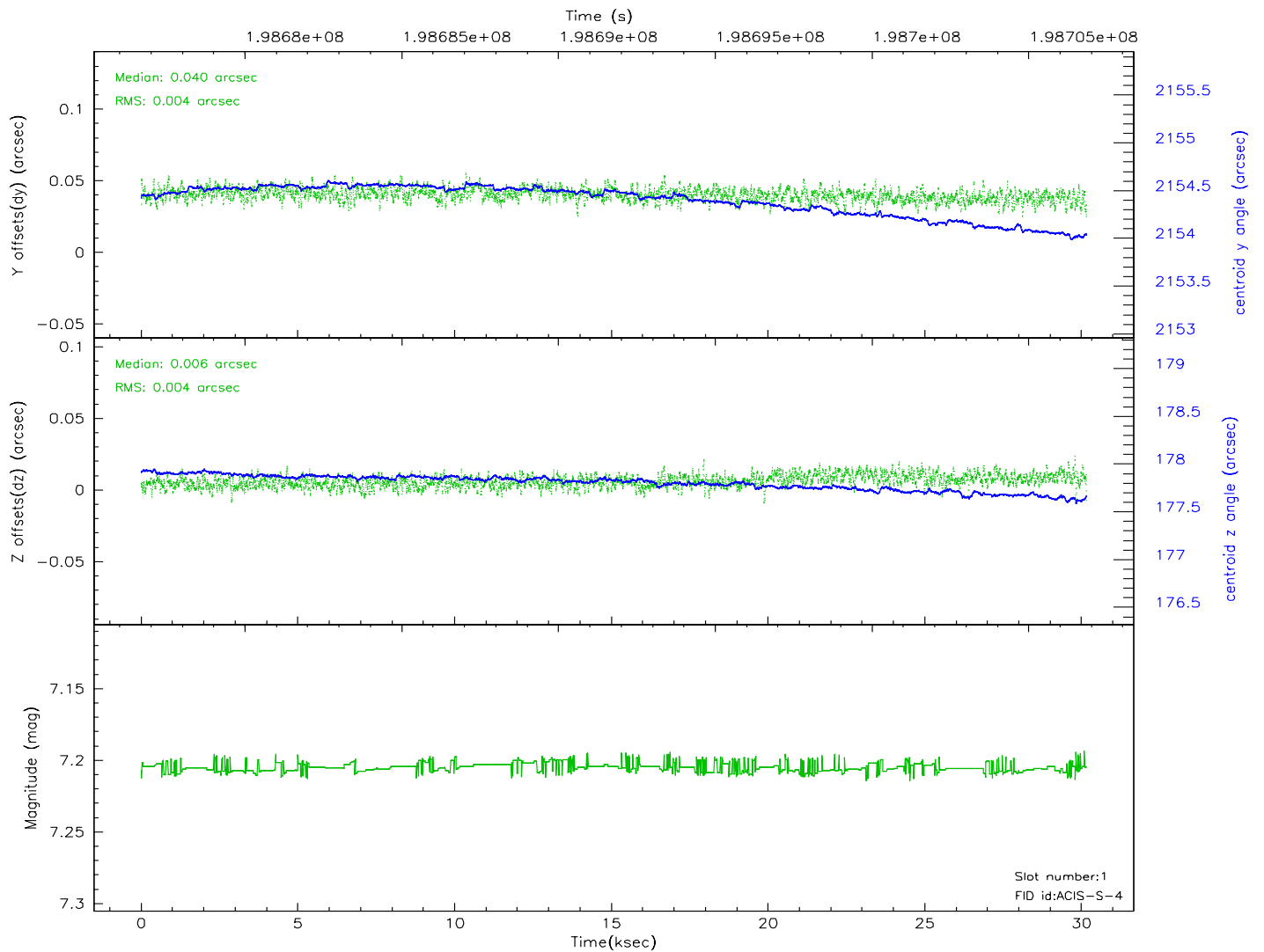
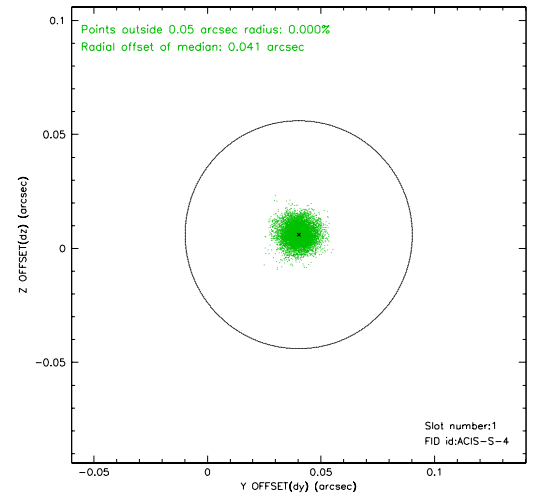
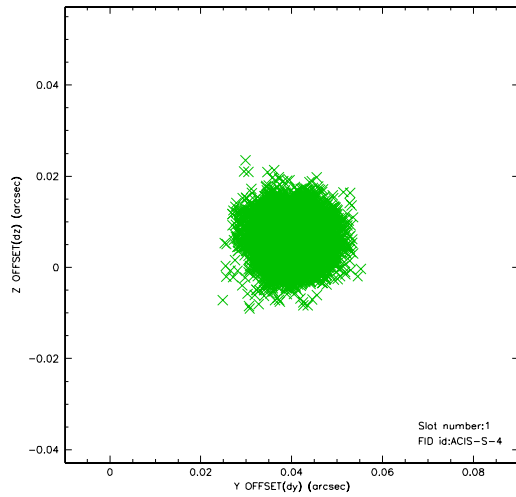


2.5 FID Slots

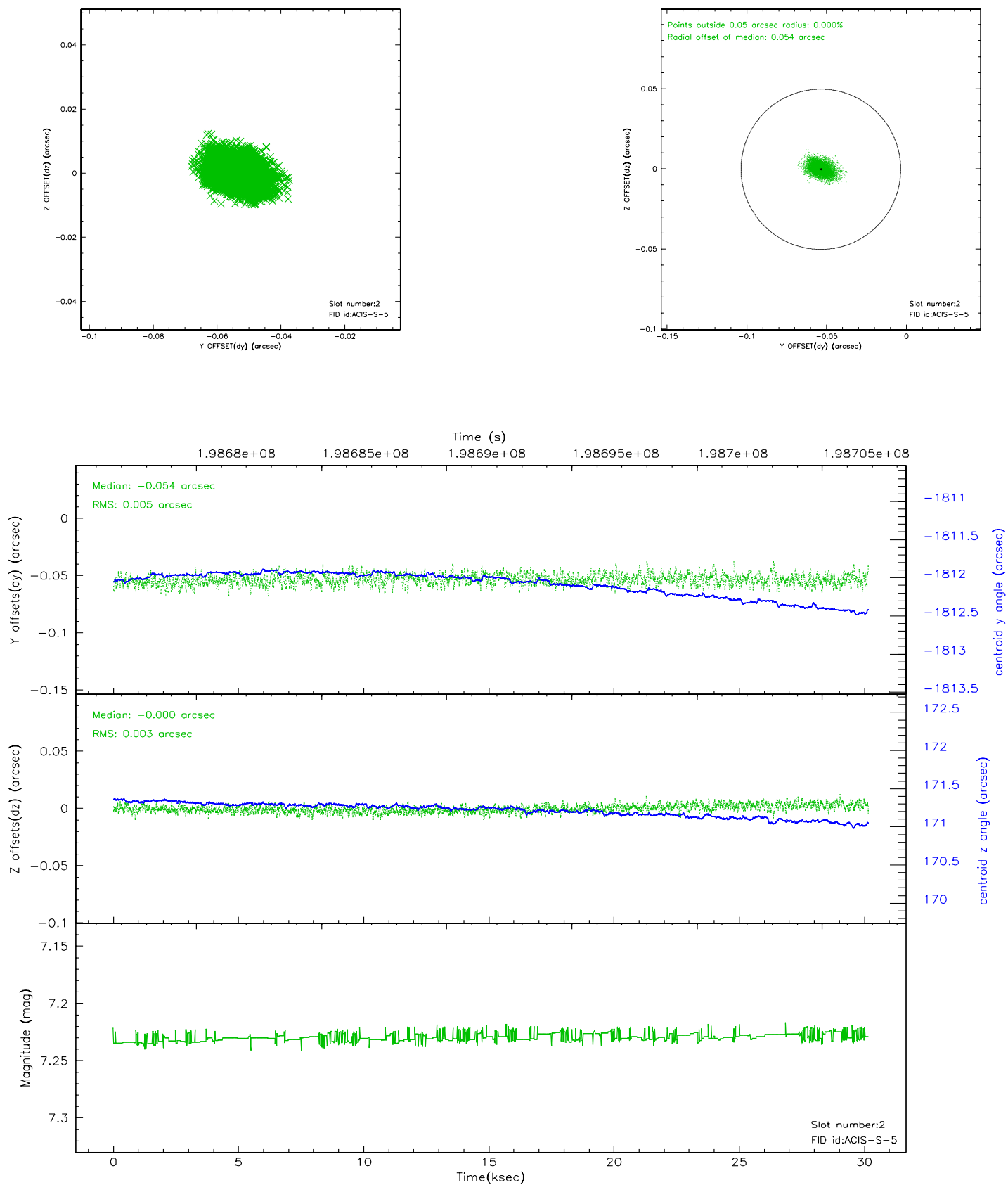
2.5.1 Slot 0



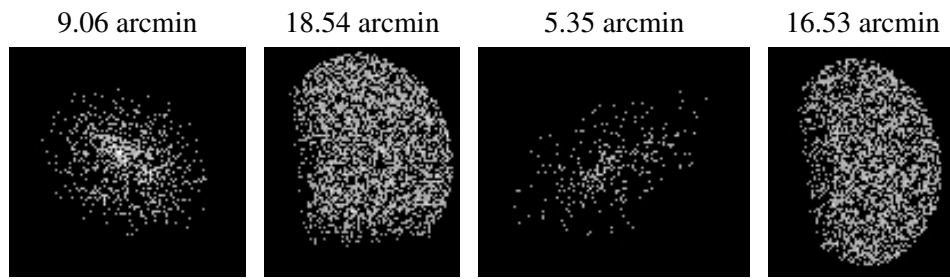
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.05.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	30.156

A.2 Comments

at the request of the pi and cdo: no obvious source present at 08:02:30.2, -39:51:02.8 (radio position, gcn 2473) or 08:02:30.36, -39:51:00.1 (opt/ir astrometry, gcn 2481). created region file from xmm source list (gcn 2474) and overlaid on chandra image. all xmm positions systematically shifted to ne by few arcsec (mean of eyeballed offsets for ra, dec determined from nearest 6 xmm sources are 5.5, 2.8 pixels, respectively). correcting for shift, extracted counts in circle 10 pixels in radius yields 47 ± 6.9 counts from 314.2 pixels; background counts = 151 ± 12.3 counts in circle of radius 20 pixels. multiplying by 0.25 scale factor for areas yields background counts of 37.8 counts, so *at most*, source contains ~ 9 counts ± 7.6 counts (if scaled bkgrd error and source error are added in quadrature). judgment: grb not detected with chandra