

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 3180 - L2 Version 001
Chandra X-Ray Center

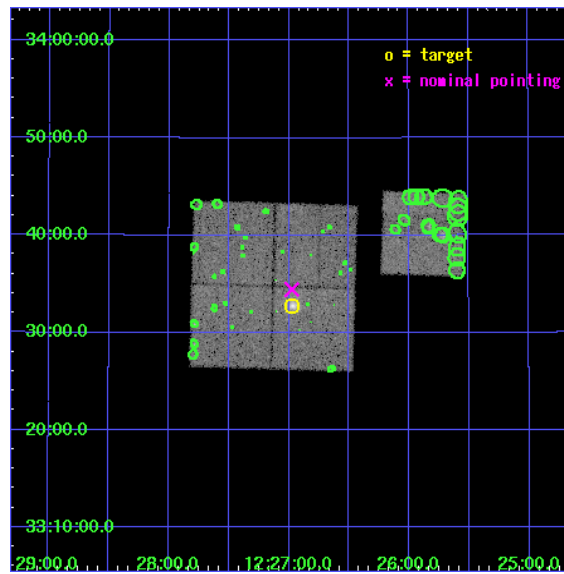
L2 Processing Date : Jul 19 2006

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1 Front

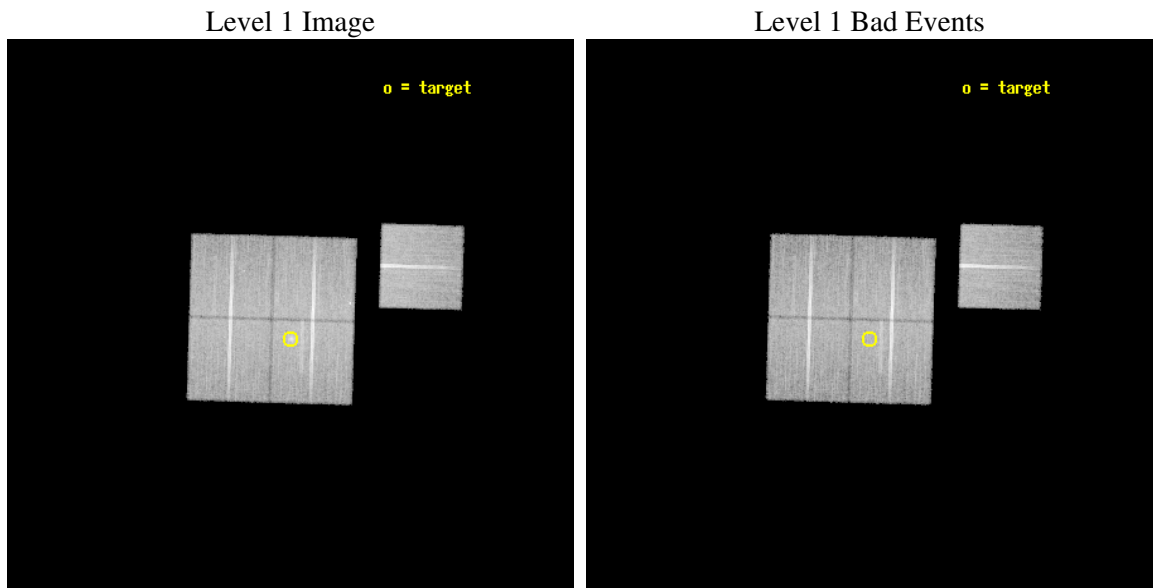
seq_num	800180
obs_id	3180
title	MEASURING THE MASS DISTRIBUTION IN THE MOST DISTANT,VERY X-RAY LUMINOUS GALAXY CLUSTER KNOWN
observer	Dr Harald Ebeling
object	CLJ1226.9+3332
dtcycle	0
cycle	P
ra_targ	186.7425
dec_targ	33.546667
ra_nom	186.74379667137
dec_nom	33.574302563666
roll_nom	91.677143965593
revision	2
ontime	32115.958958
livetime	31696.340310789
ontime0	32119.099938244
ontime1	32115.95895803
ontime2	32112.817977756
ontime3	32115.958958
ontime6	32115.958958
l2events	104560



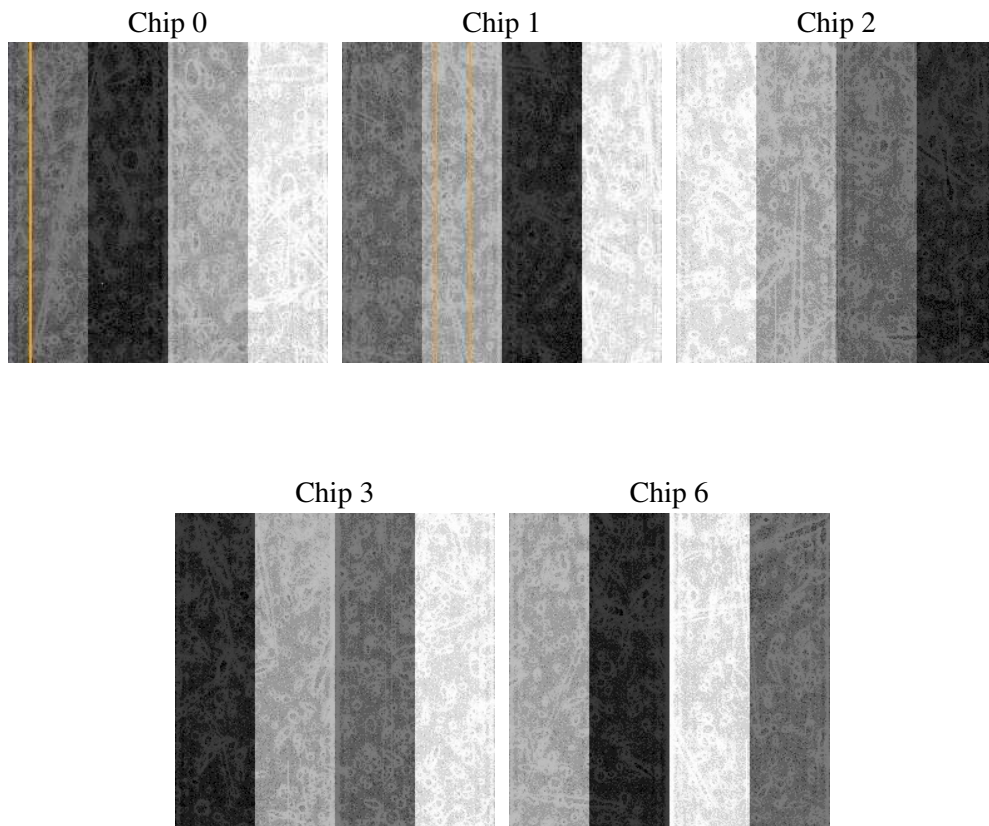
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.8
caldbver	3.2.2
date	2006-07-19T15:36:22
revision	2

sched_exp_time	32000.000000
ontime	32119.95343709
ontime0	32126.235457331
ontime1	32123.094477117
ontime2	32116.812476754
ontime3	32119.95343709
ontime6	32123.094477087
l1events	944873

2.1.4 Events

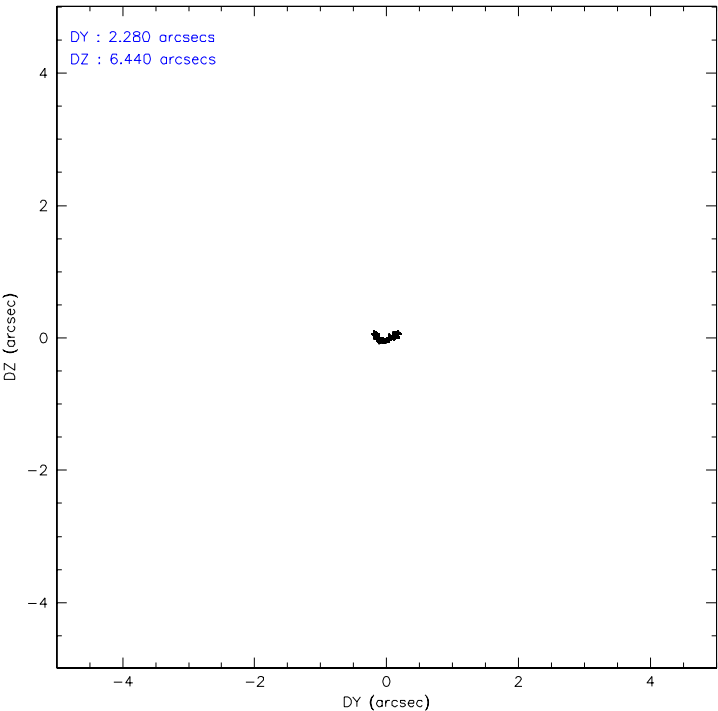
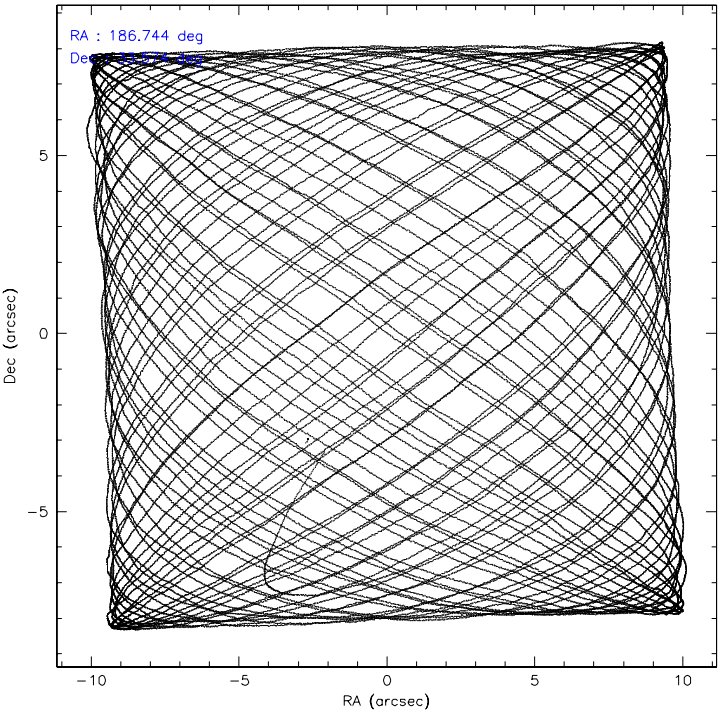
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	180043	180801	194933	193142	195954
rejected events	156444	156081	171407	167957	172167
rejected %	86%	86%	87%	86%	87%

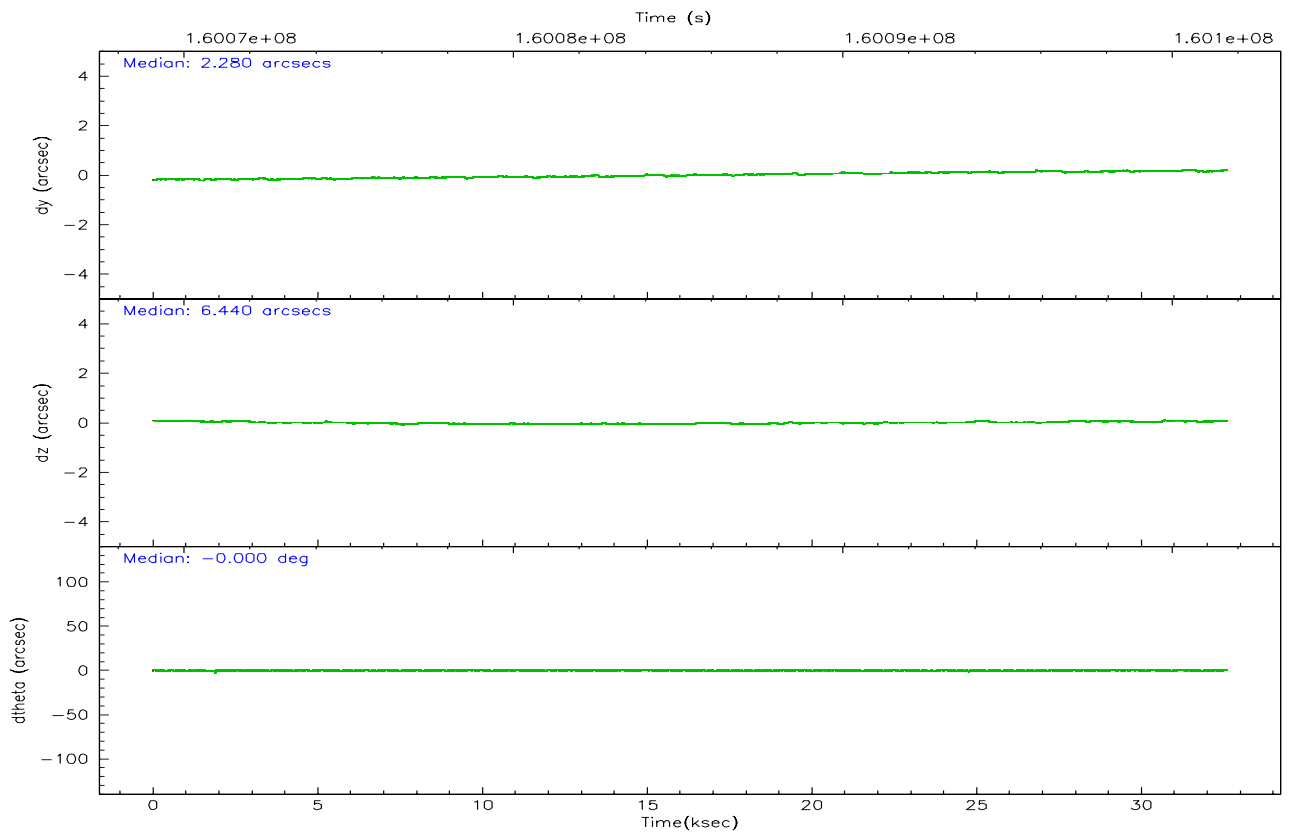
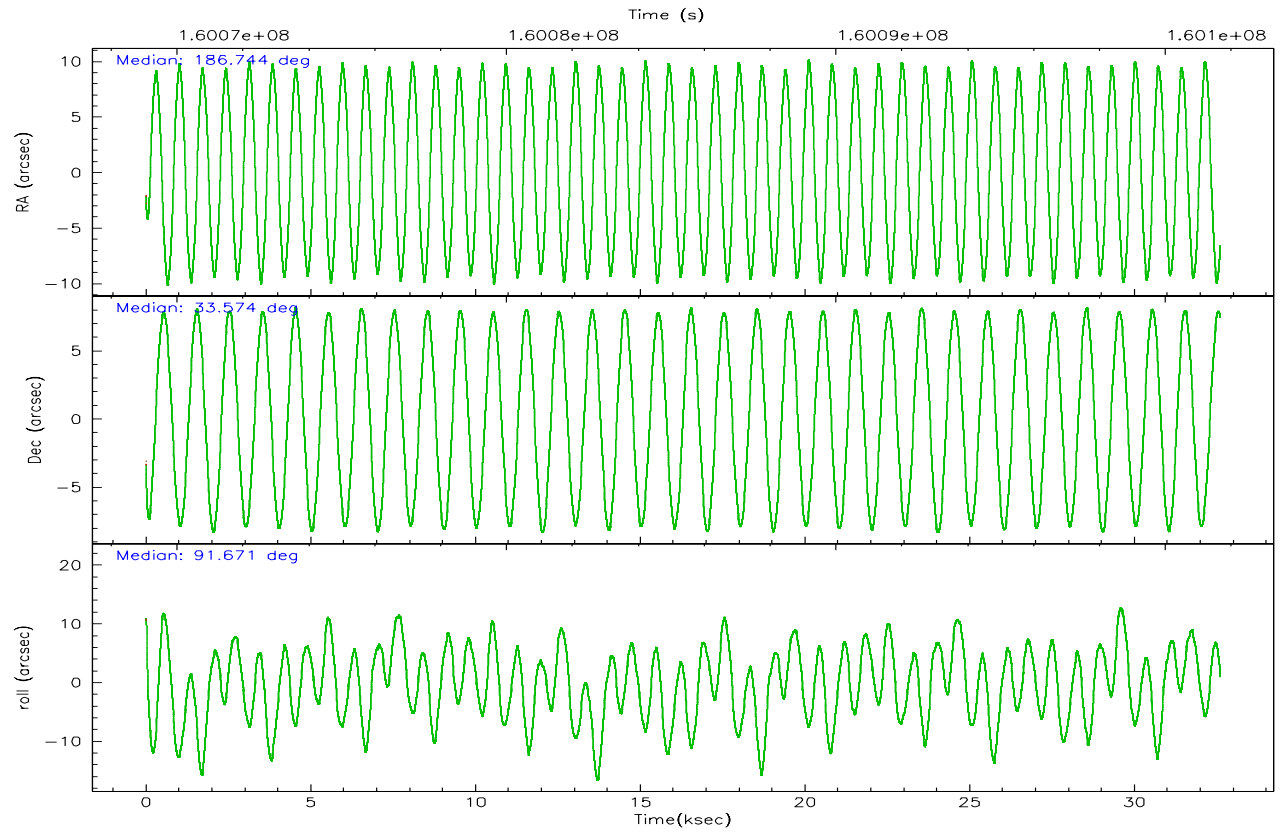
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	10371	9856	10960	12195	10004
	5%	5%	5%	6%	5%
grade 1 events	93	97	123	133	67
	0%	0%	0%	0%	0%
grade 2 events	4662	5118	4529	4417	4760
	2%	2%	2%	2%	2%
grade 3 events	2274	2478	2216	2273	2258
	1%	1%	1%	1%	1%
grade 4 events	2252	2528	2163	2280	2233
	1%	1%	1%	1%	1%
grade 5 events	7678	8113	7336	8465	8515
	4%	4%	3%	4%	4%
grade 6 events	4047	4742	3660	4021	4539
	2%	2%	1%	2%	2%
grade 7 events	148666	147869	163946	159358	163578
	82%	81%	84%	82%	83%

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	186.761167	186.7437966713655	Alternating exposures requested	N	N
Pointing Dec	33.551069	33.57430256366581	Primary exposure time	0.000000	3.1
Pointing Roll	91.458840	91.6771439655934			
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-229.442463	-229.4438428438578			
SIM translation stage offset (mm)	-4.15	-4.148610159071865			
Observation start time	160069661.184000	160068495.40111			
Observation start date	2003-01-27T15:46:37	2003-01-27T15:28:15			
Observation end time	160101661.184000	160102224.05253			
Observation end date	2003-01-28T00:39:57	2003-01-28T00:50:24			
Read mode	TIMED	TIMED			

2.3 Aspect



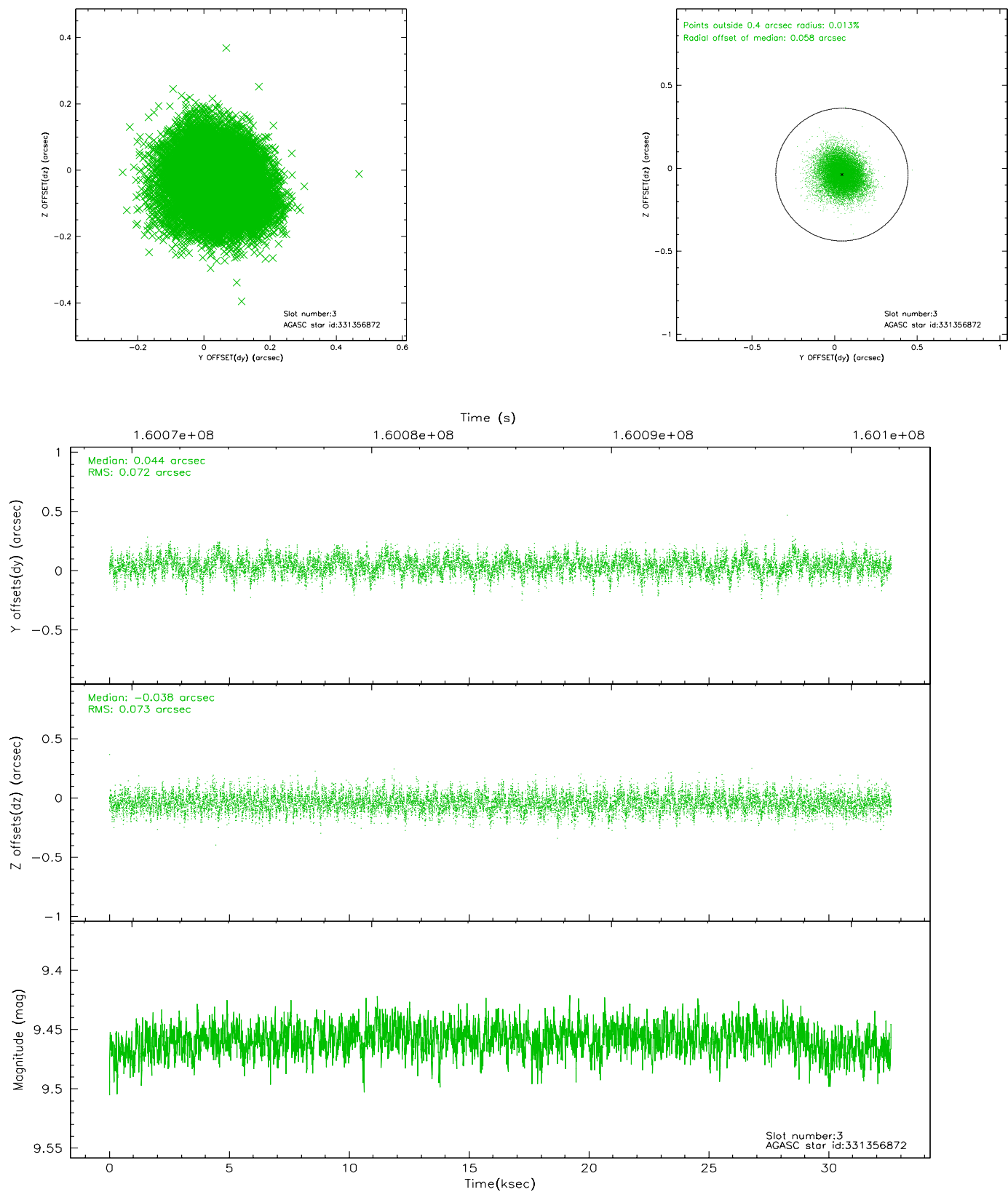


Slot Statistics

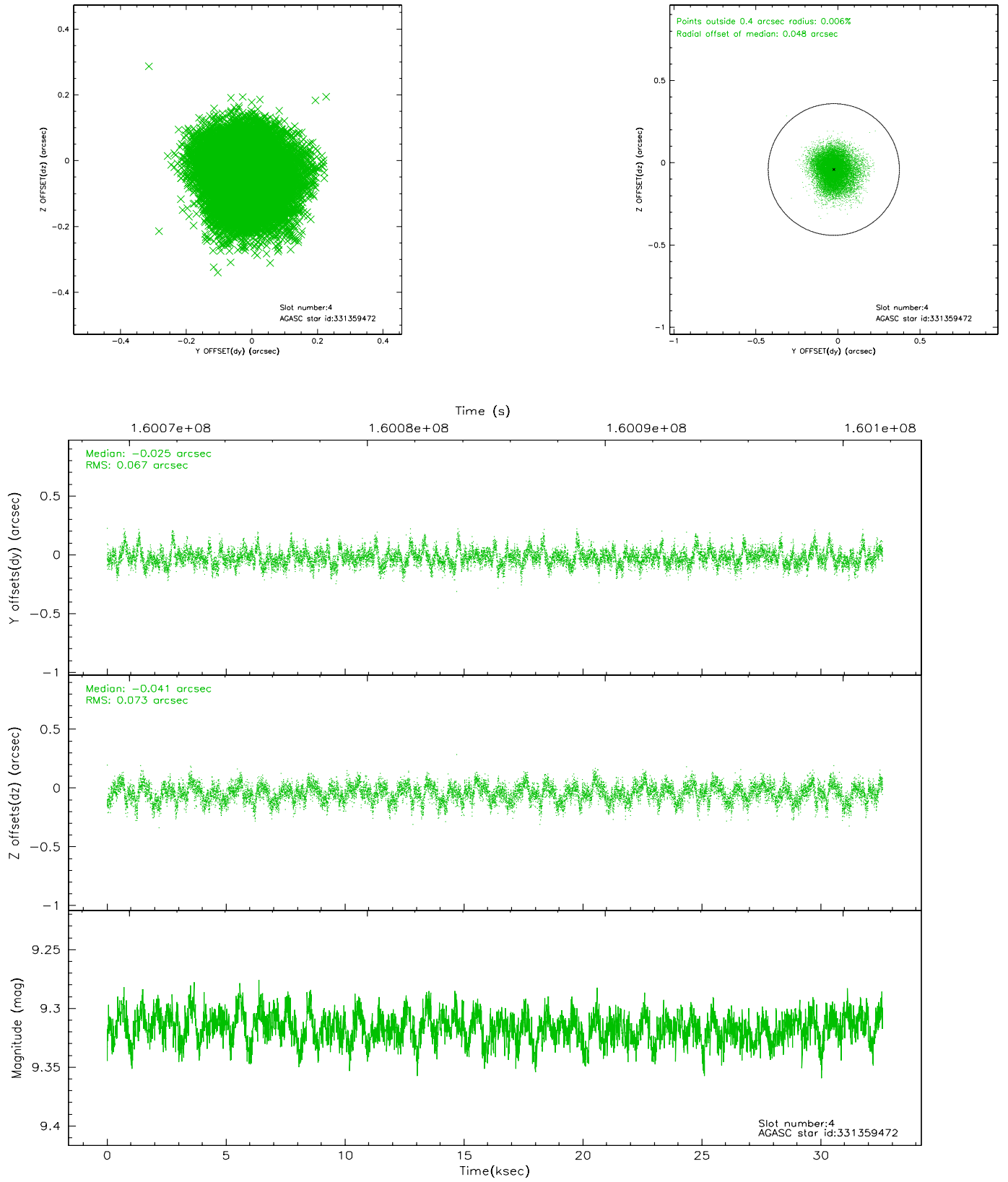
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	7952	0.023	0.034	0.007	0.012	0.000000	0.000000	937.45	-914.94
1	FID	ACIS-I-5	7.25	7952	-0.115	0.064	0.006	0.011	0.000000	0.000000	-1810.71	982.63
2	FID	ACIS-I-6	7.27	7952	0.000	-0.027	0.008	0.013	0.000000	0.000000	402.99	1627.04
3	GUIDE	331356872	9.46	15894	0.044	-0.038	0.109	0.178	186.232000	33.528992	-34.80	1589.63
4	GUIDE	331359472	9.32	15898	-0.025	-0.041	0.106	0.170	187.224794	33.172746	-1393.66	-1361.82
5	GUIDE	331359840	9.64	15854	-0.023	0.003	0.148	0.245	187.405317	33.549371	-48.94	-1931.81
6	GUIDE	331361424	10.43	15884	-0.109	0.077	0.132	0.216	187.160339	33.746695	676.22	-1212.21
7	GUIDE	331362384	8.79	15899	0.113	-0.006	0.075	0.118	187.227369	32.923477	-2290.92	-1351.00

2.4 Star Slots

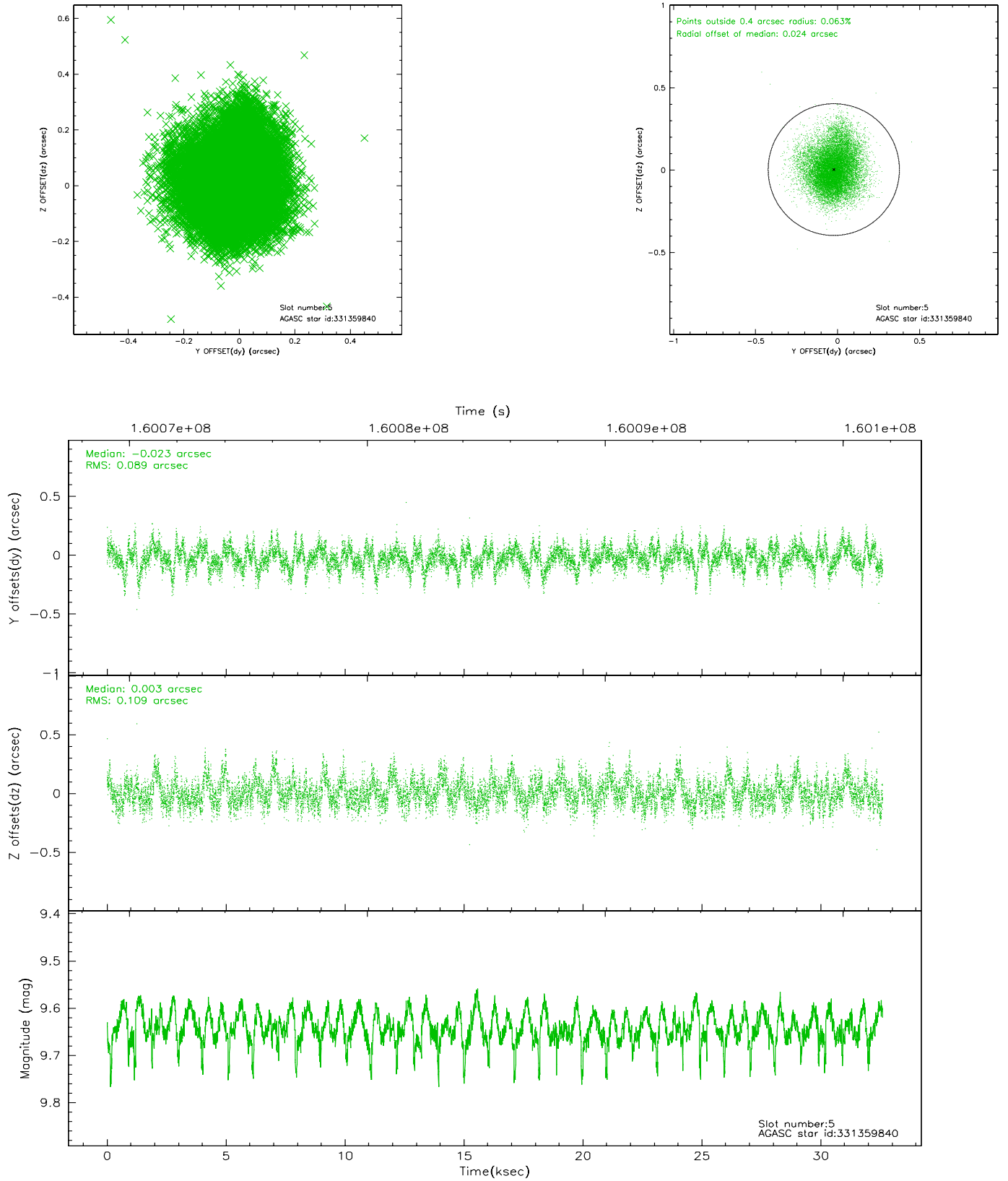
2.4.1 Slot 3



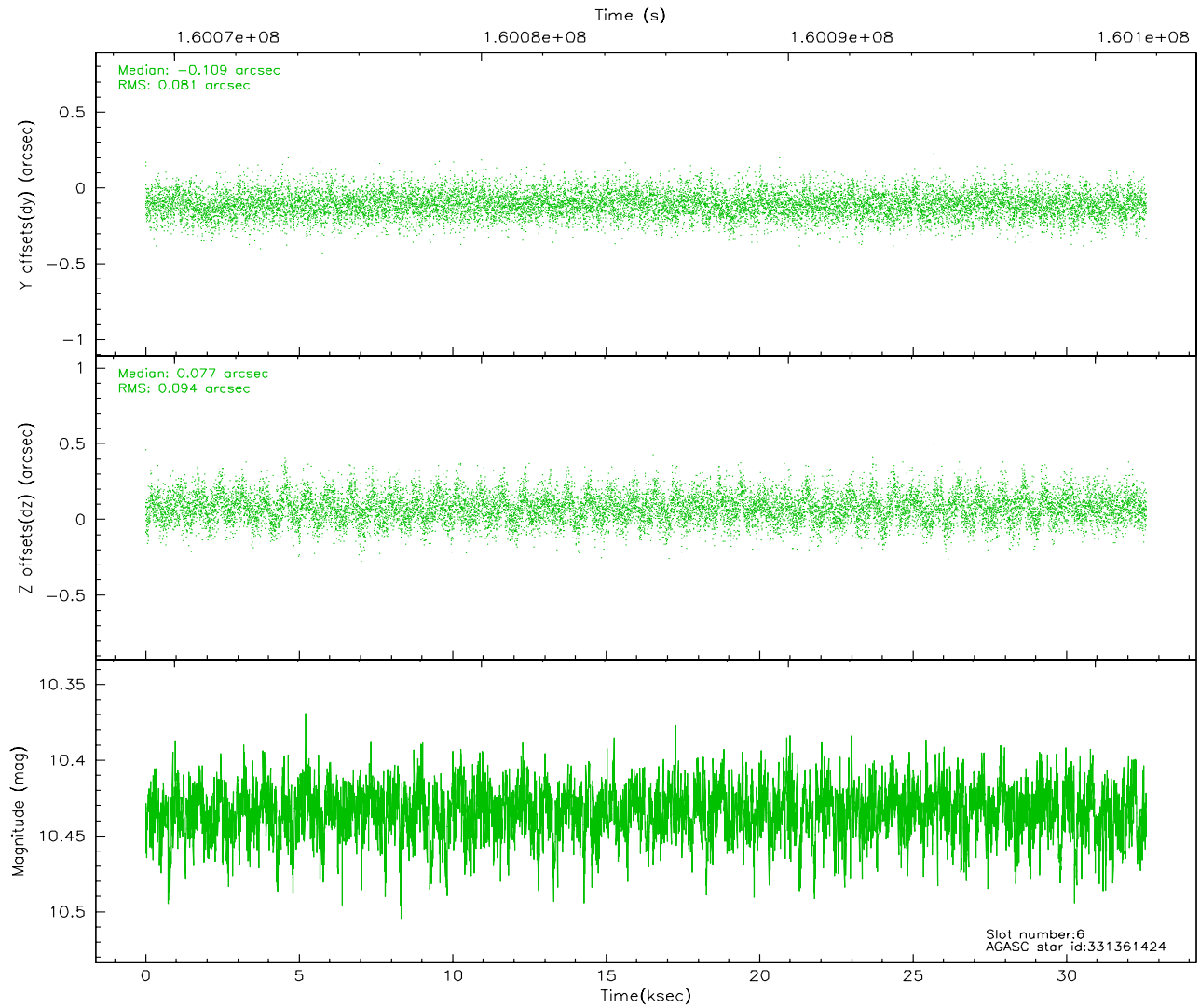
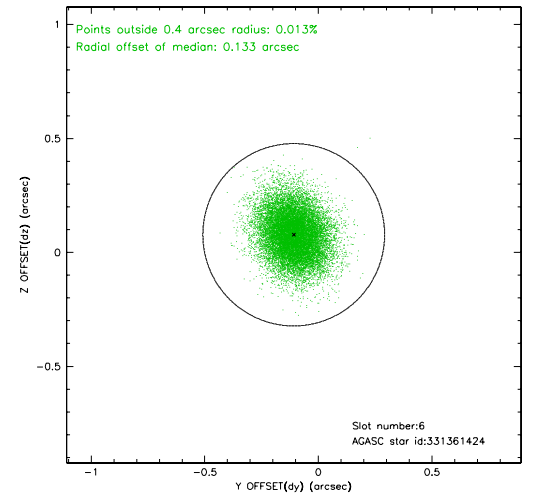
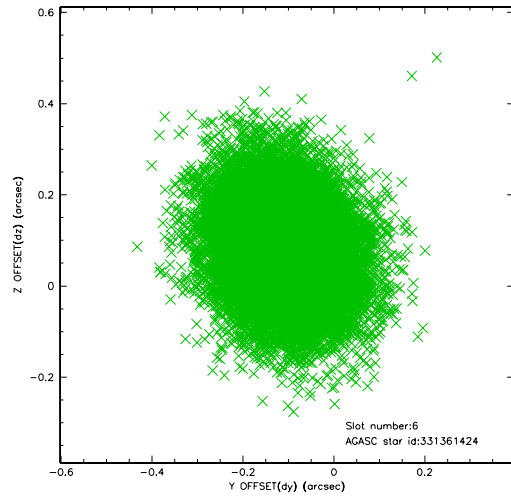
2.4.2 Slot 4



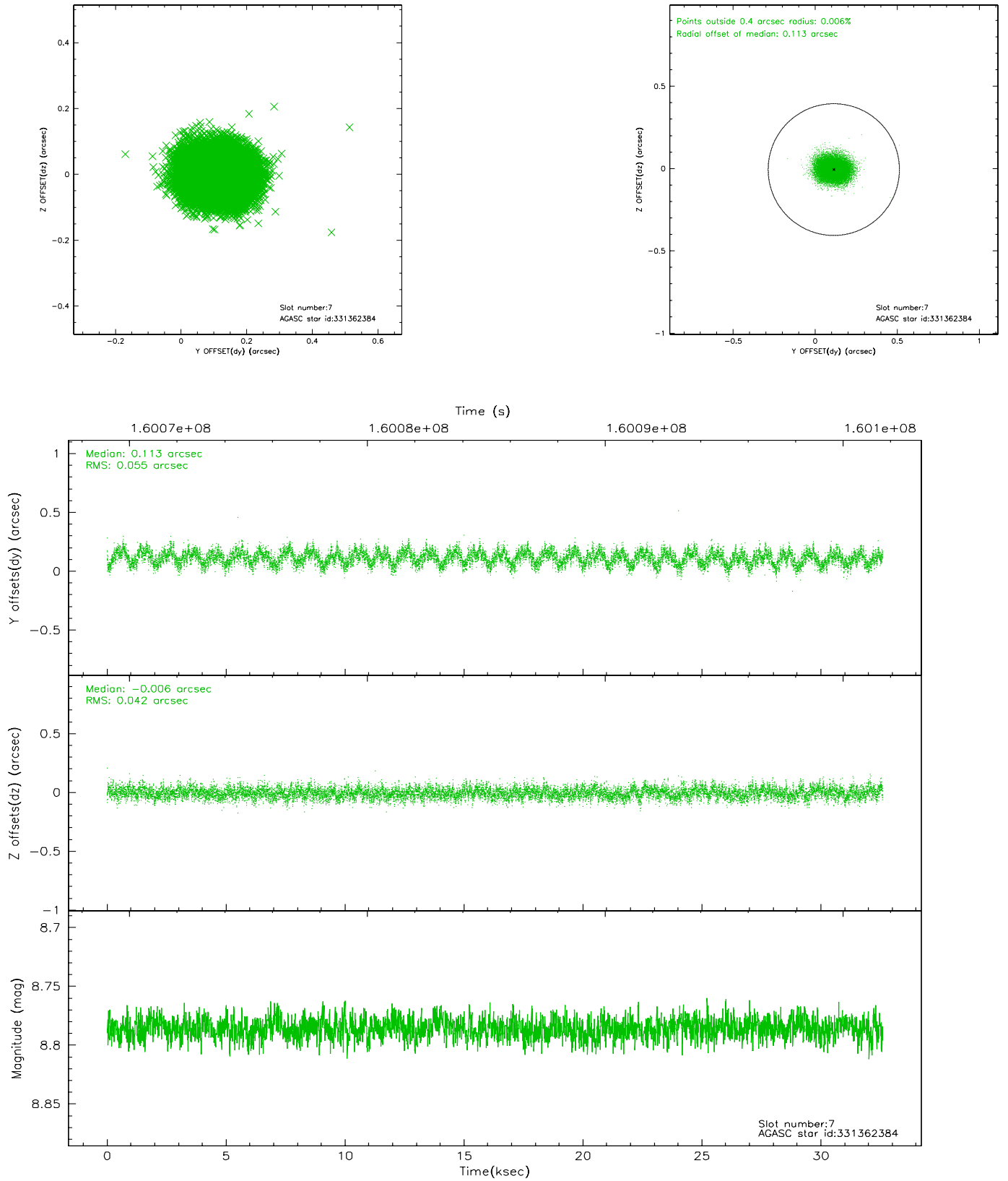
2.4.3 Slot 5



2.4.4 Slot 6

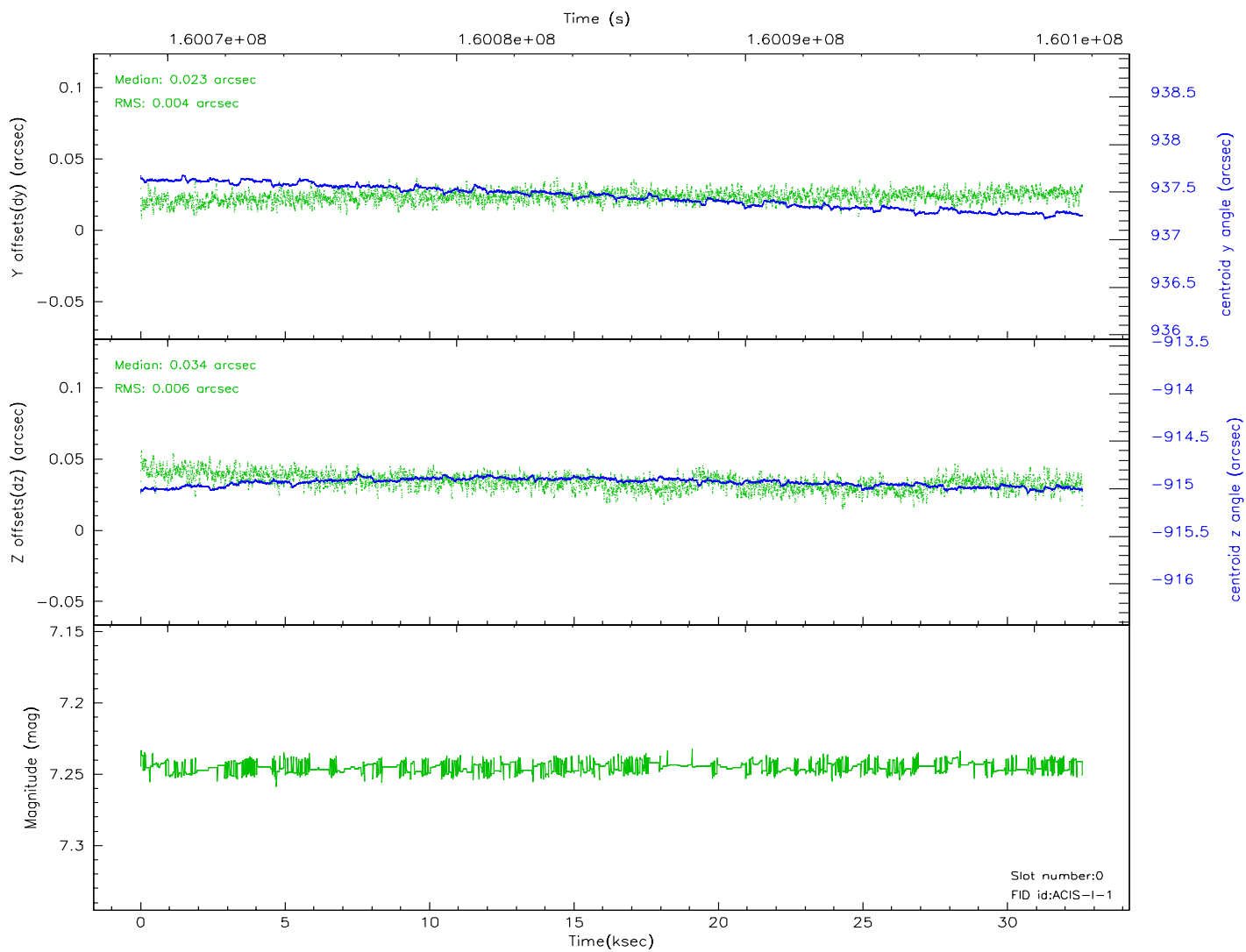
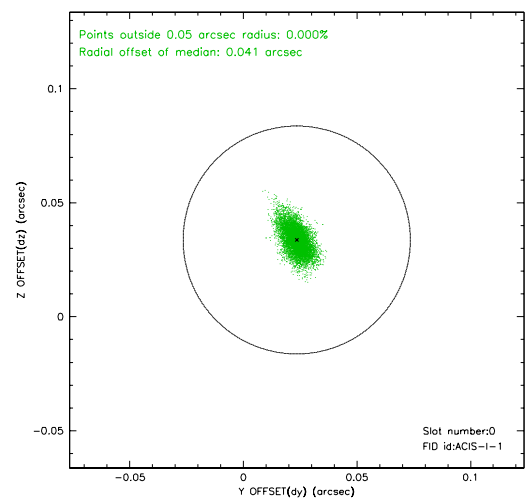
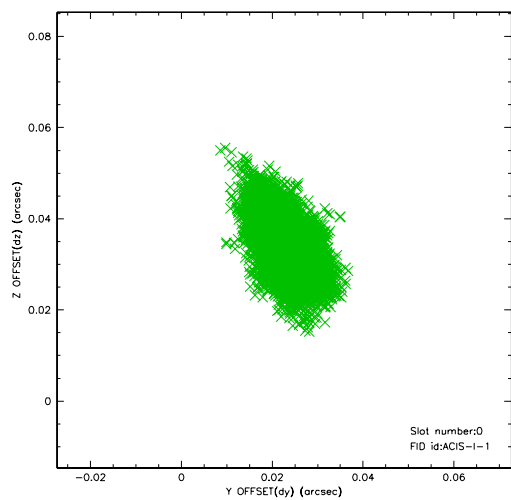


2.4.5 Slot 7

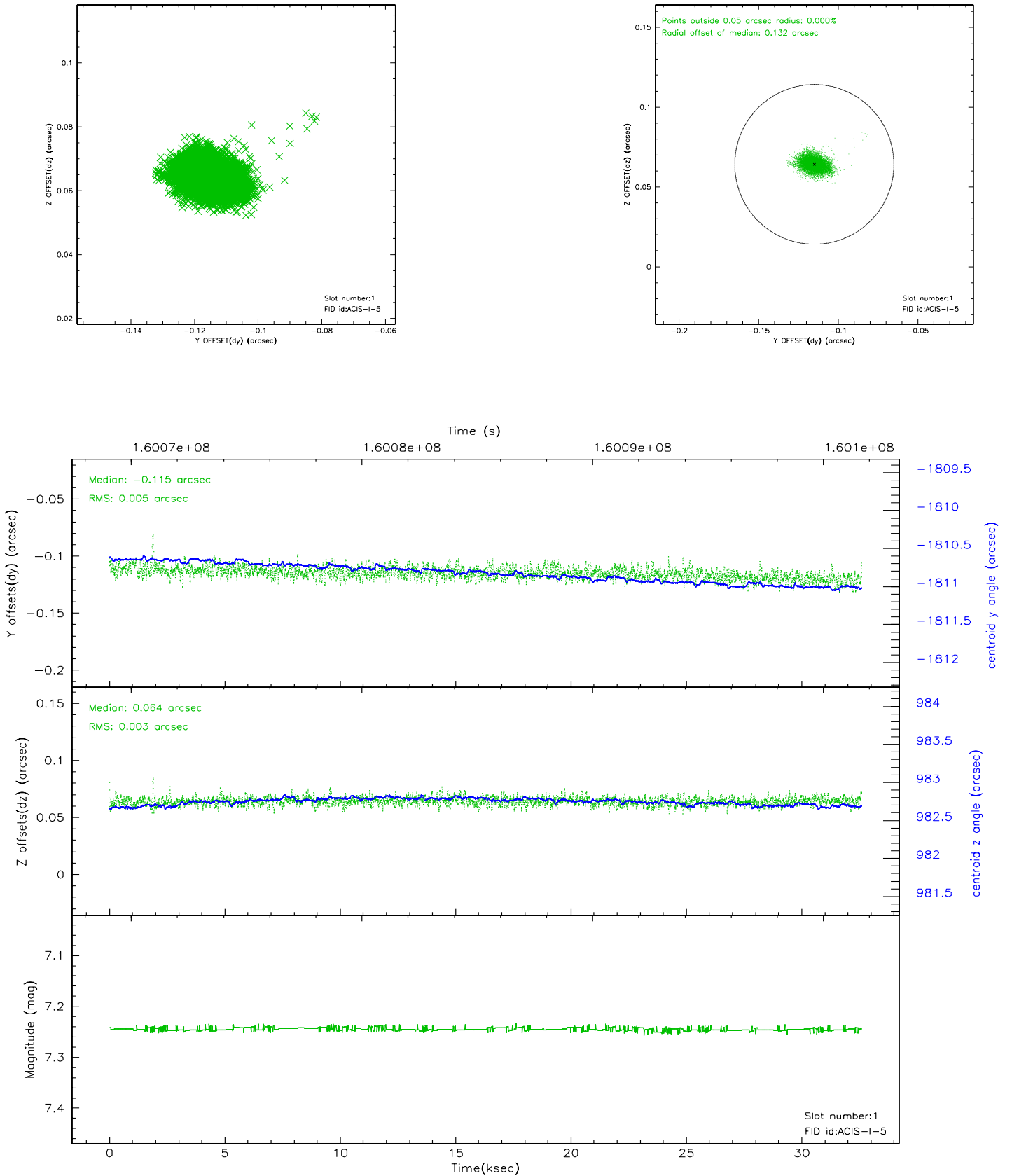


2.5 FID Slots

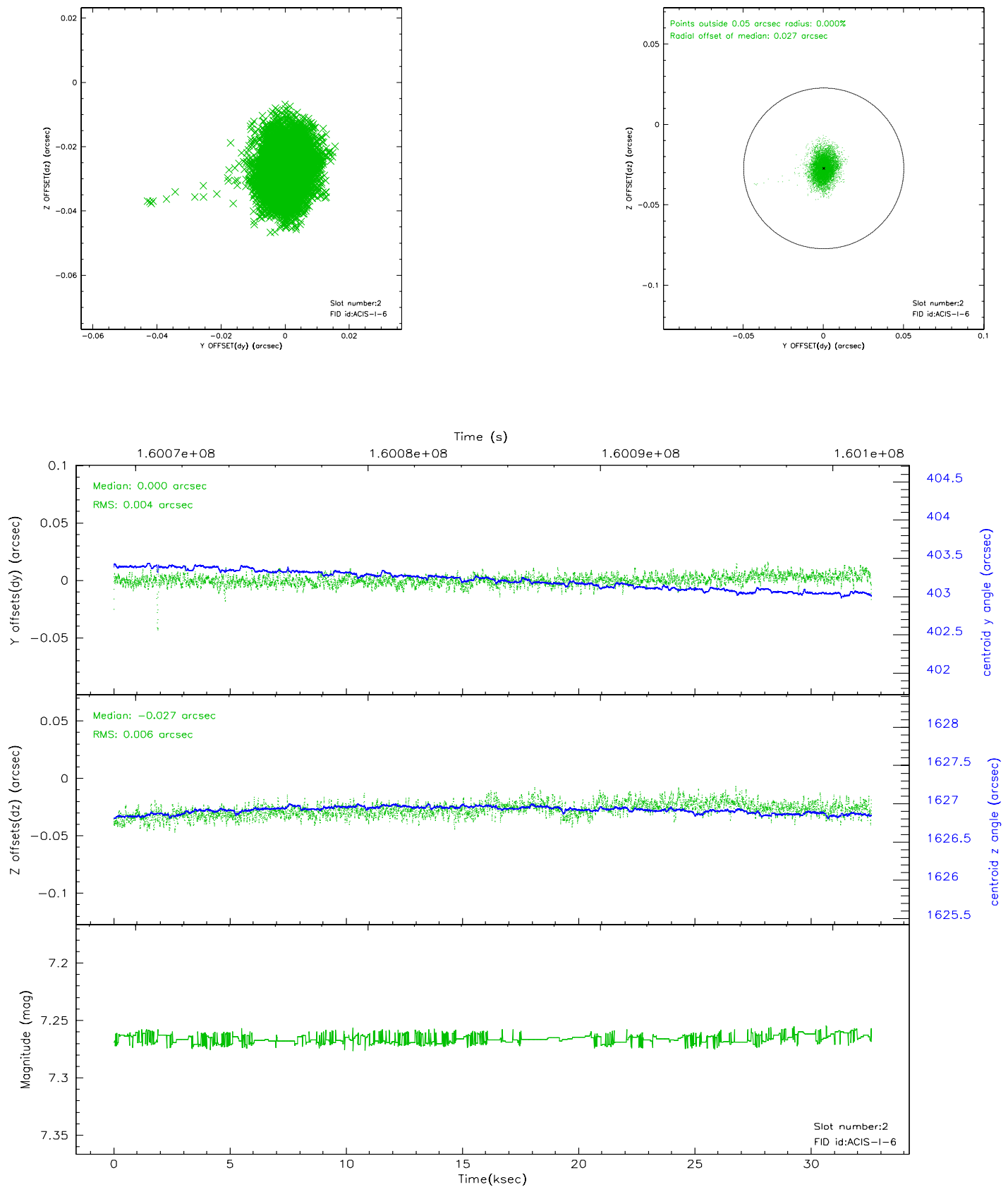
2.5.1 Slot 0



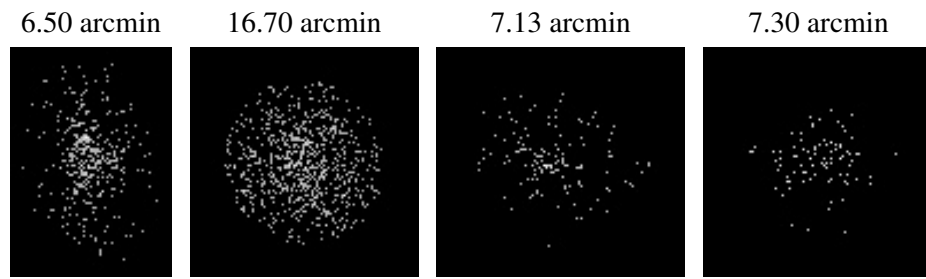
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.07.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	32.115

A.2 Comments