

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 3460 - L2 Version 001
Chandra X-Ray Center

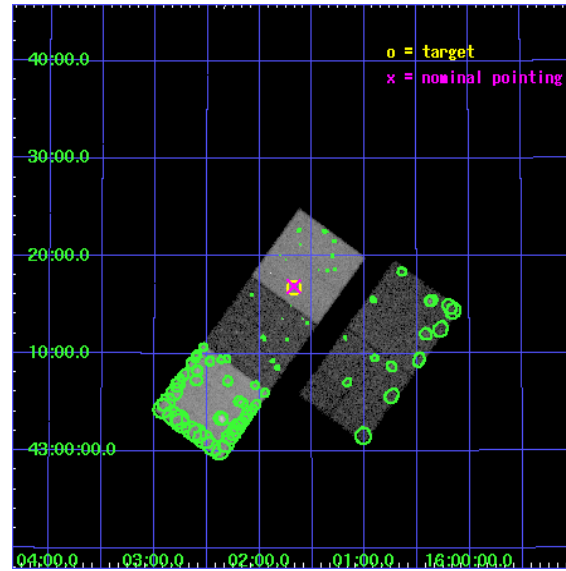
L2 Processing Date : Jul 1 2006

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1 Front

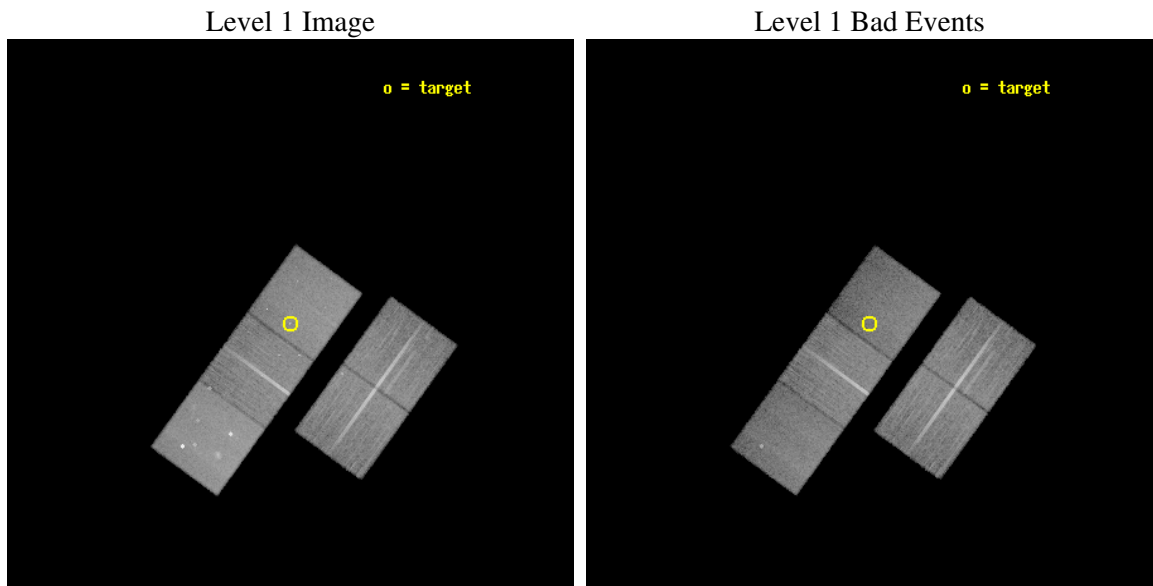
seq_num	800294
obs_id	3460
title	THE HOST GALAXIES OF TIME DELAY LENSES: AN INDEPENDENT ROUTE TO THE HUBBLE CONSTANT
observer	Dr. Chistopher Kochanek
object	B1600+434
dtcycle	0
cycle	P
ra_targ	240.418333
dec_targ	43.279944
ra_nom	240.41842989251
dec_nom	43.281853871336
roll_nom	305.97483386372
revision	2
ontime	30575.299941212
livetime	30175.811138272
ontime2	30572.158971012
ontime3	30569.017990828
ontime5	30575.299941212
ontime6	30575.299941212
ontime7	30575.299941212
l2events	212922



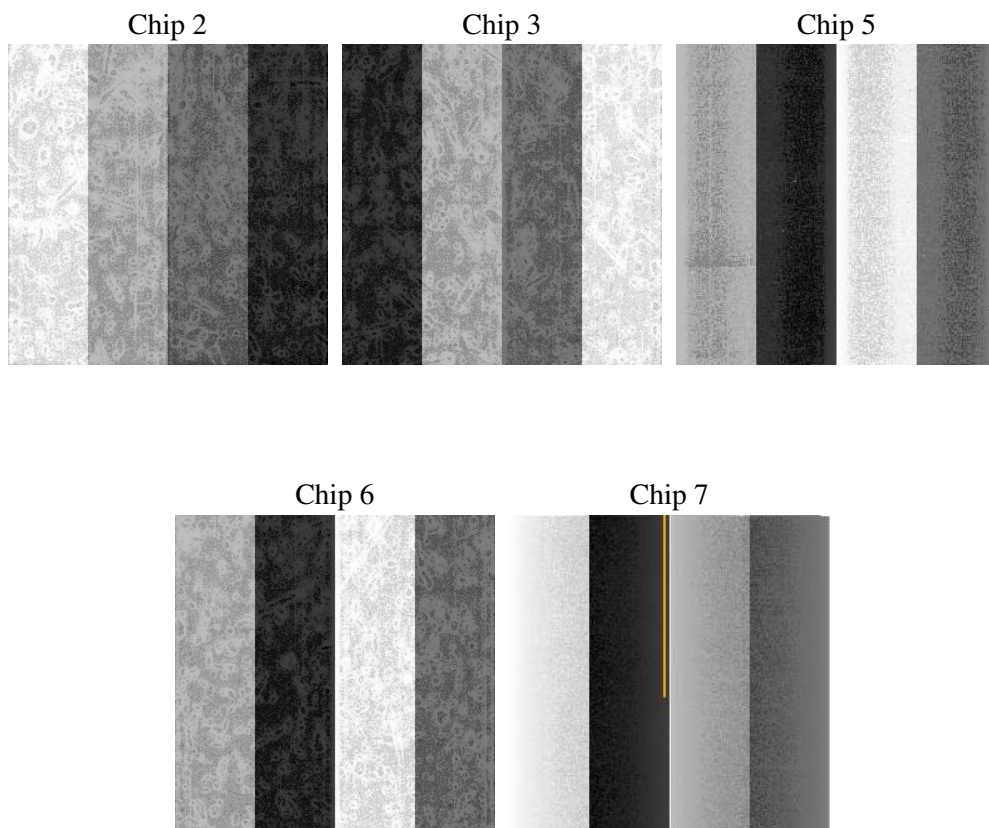
2 OBI

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	2006-07-01T19:57:30
revision	2

sched_exp_time	30402.000000
ontime	30609.059515864
ontime2	30605.918525755
ontime3	30602.777545571
ontime5	30609.059515864
ontime6	30609.059495956
ontime7	30609.059515864
llevents	901065

2.1.4 Events

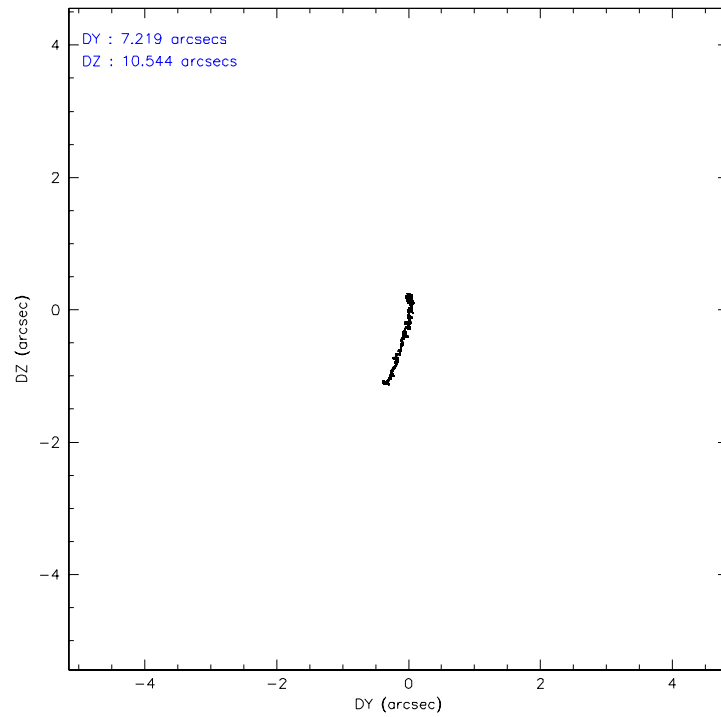
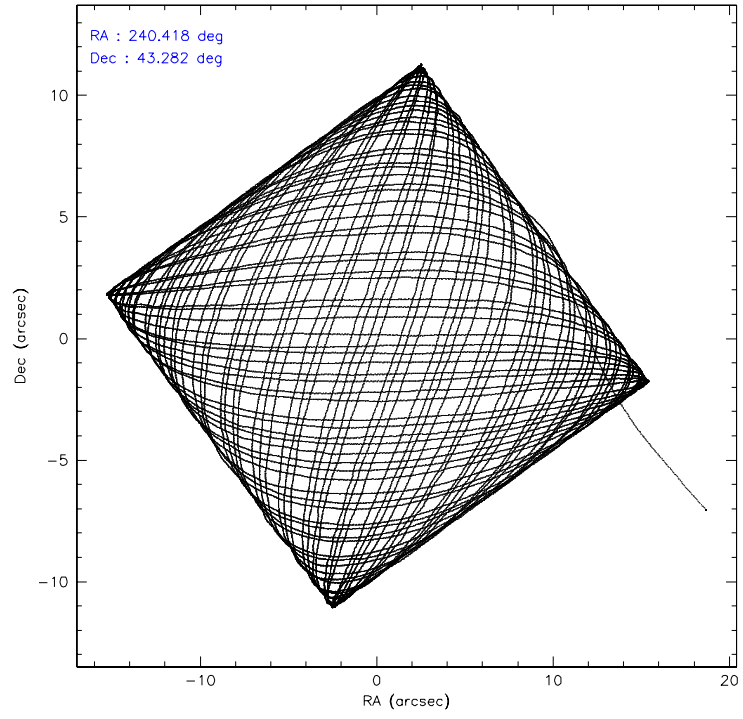
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7
level 1 events	168386	160722	223558	169128	179271
rejected events	152772	145803	114679	151338	103779
rejected %	90%	90%	51%	89%	57%

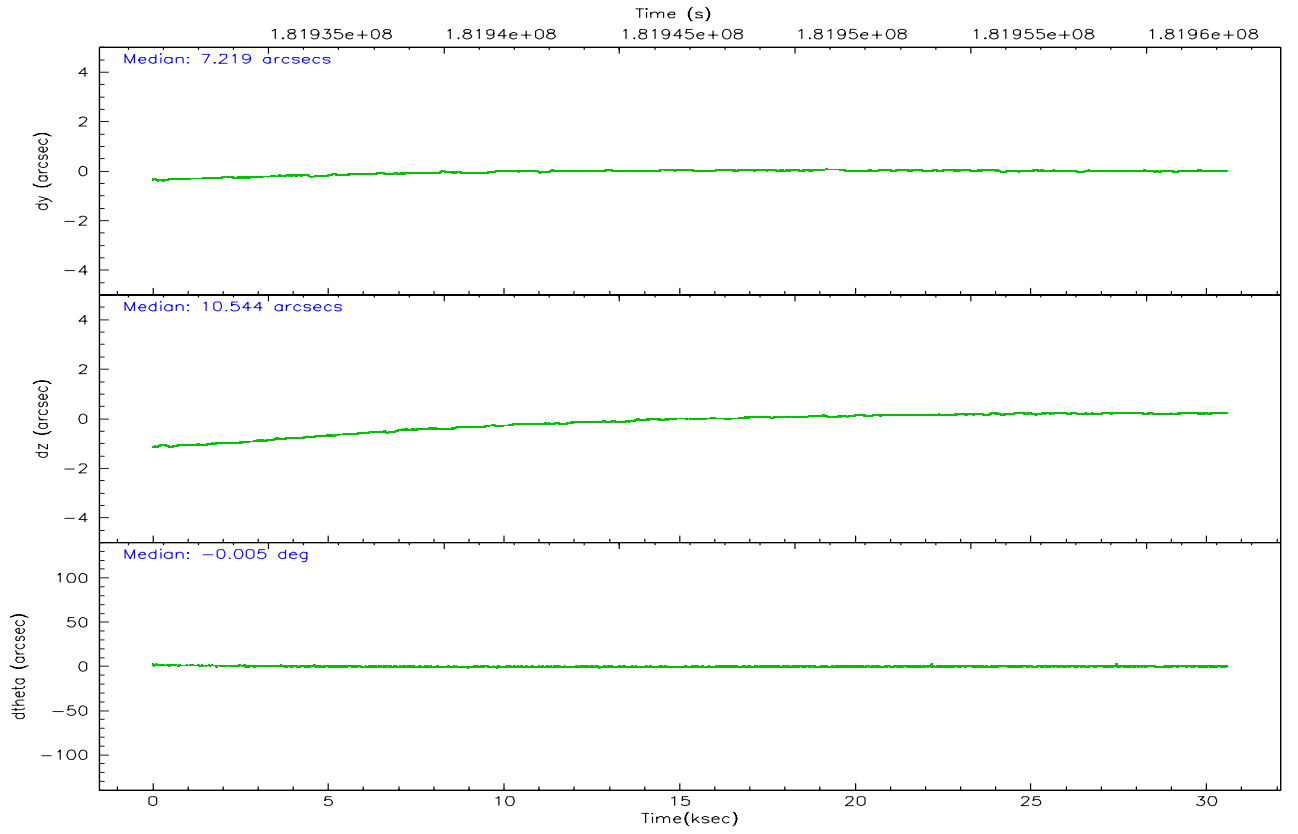
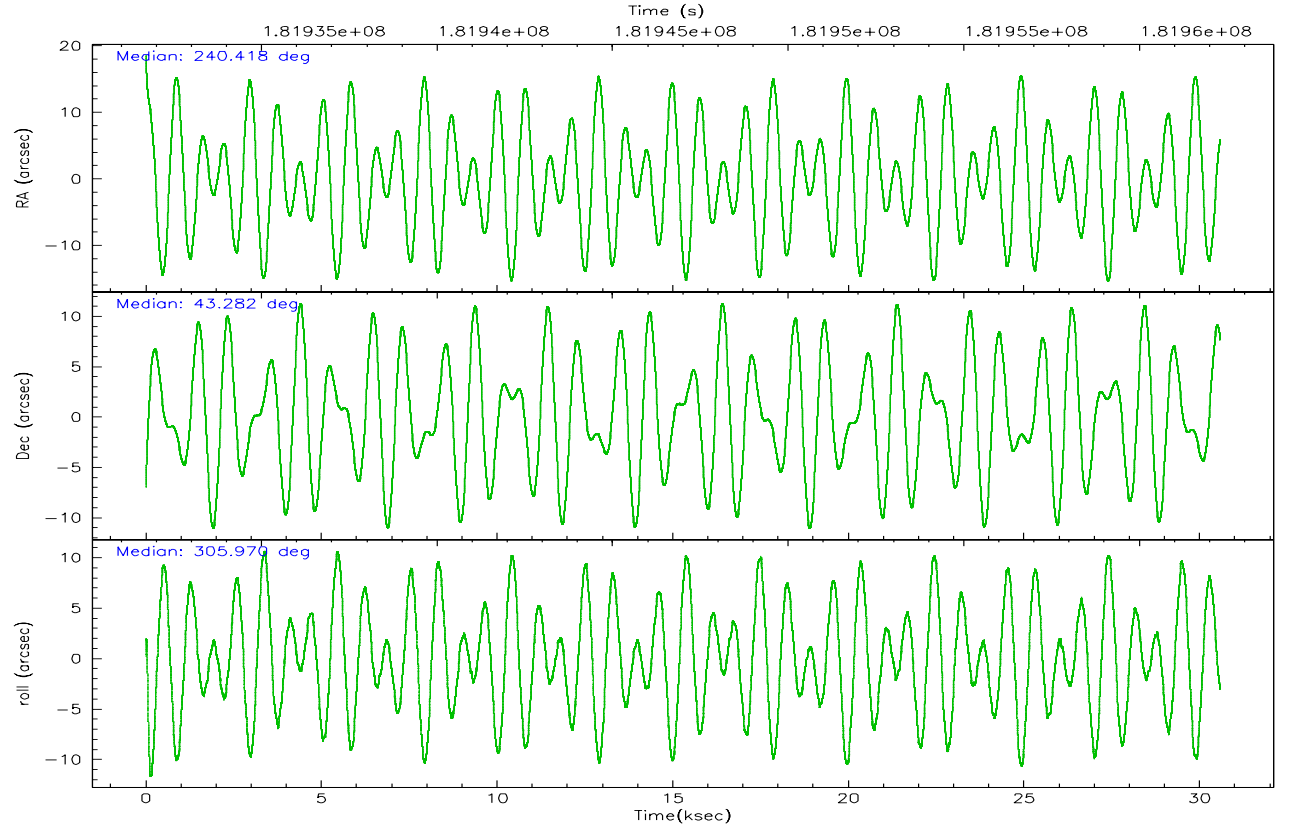
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7
grade 0 events	5692	5262	10700	6562	4773
	3%	3%	4%	3%	2%
grade 1 events	87	63	336	70	96
	0%	0%	0%	0%	0%
grade 2 events	3540	3143	34289	3775	18463
	2%	1%	15%	2%	10%
grade 3 events	1837	1776	2723	1925	4449
	1%	1%	1%	1%	2%
grade 4 events	1755	1749	2685	1909	4289
	1%	1%	1%	1%	2%
grade 5 events	5157	6152	11638	6467	13303
	3%	3%	5%	3%	7%
grade 6 events	2803	3004	58624	3639	43600
	1%	1%	26%	2%	24%
grade 7 events	147515	139573	102563	144781	90298
	87%	86%	45%	85%	50%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-23567	ACIS-23567	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	240.384074	240.4184298925119	Alternating exposures requested	N	N
Pointing Dec	43.292569	43.28185387133616	Primary exposure time	0.000000	3.1
Pointing Roll	305.841757	305.9748338637208			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1425803651734			
SIM translation stage offset (mm)	0	0.01005778216563158			
Observation start time	181931898.184000	181930890.45393			
Observation start date	2003-10-07T16:37:14	2003-10-07T16:21:30			
Observation end time	181962300.184000	181962934.5178			
Observation end date	2003-10-08T01:03:56	2003-10-08T01:15:34			
Read mode	TIMED	TIMED			

2.3 Aspect



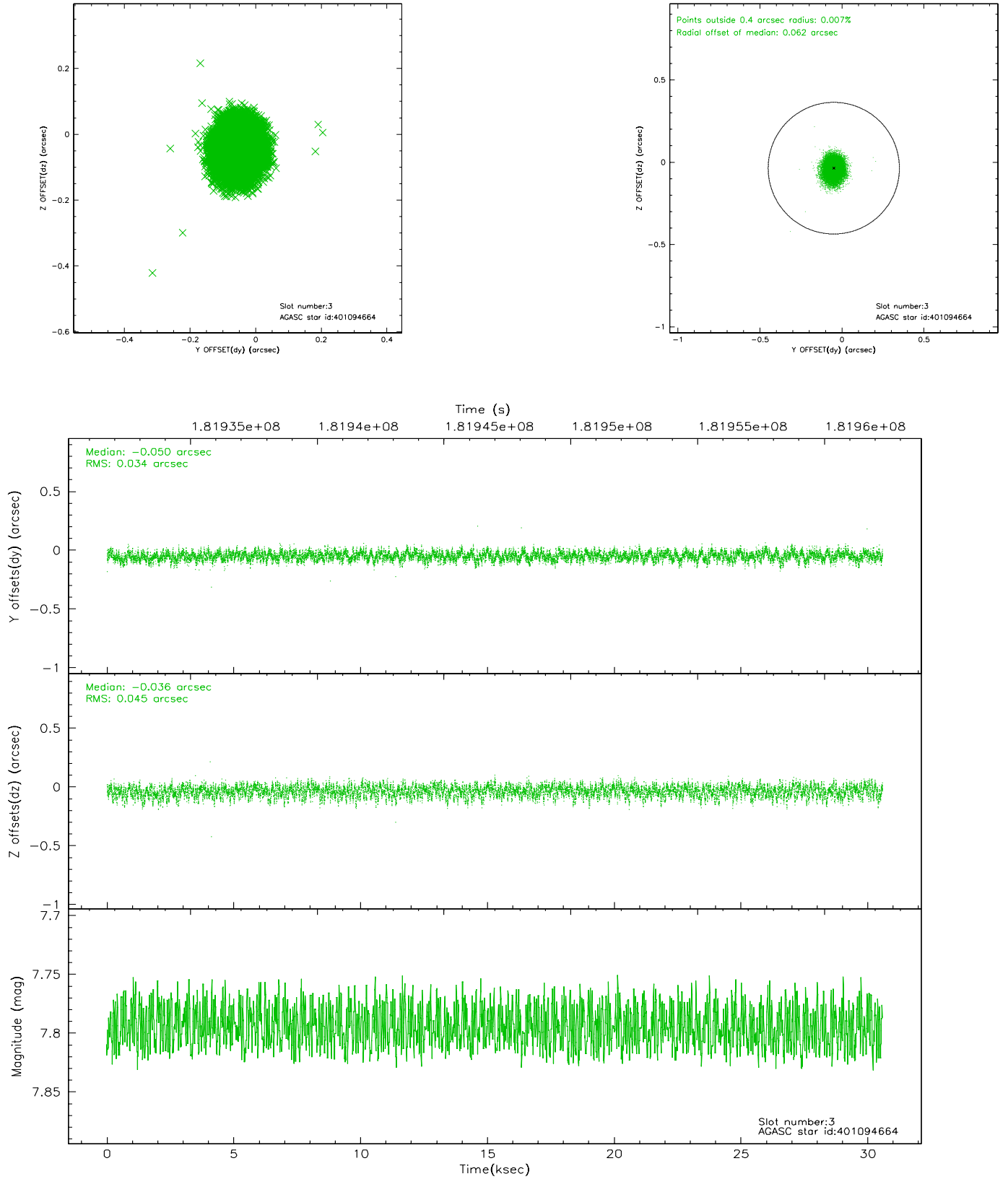


Slot Statistics

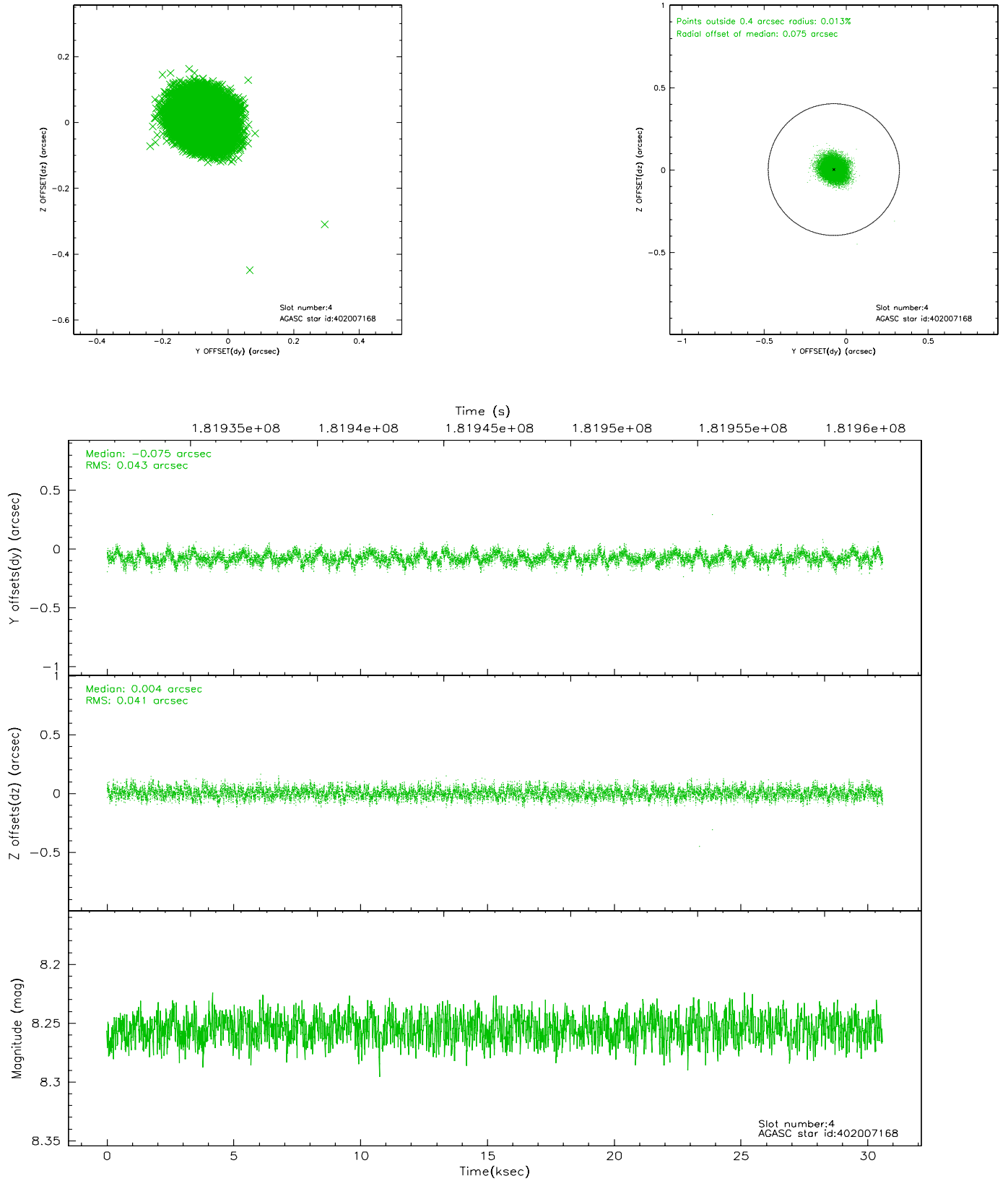
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.18	7459	-0.010	-0.011	0.017	0.029	0.000000	0.000000	936.09	-1727.22
1	FID	ACIS-S-4	7.20	7459	0.002	0.017	0.013	0.027	0.000000	0.000000	2153.54	176.89
2	FID	ACIS-S-5	7.23	7459	-0.018	0.007	0.009	0.031	0.000000	0.000000	-1812.71	170.55
3	GUIDE	401094664	7.79	14919	-0.050	-0.036	0.060	0.097	239.606983	43.213711	-970.86	-1813.40
4	GUIDE	402007168	8.25	14911	-0.075	0.004	0.063	0.101	240.453077	43.473225	-421.40	526.99
5	GUIDE	402008032	9.14	14914	0.079	-0.072	0.073	0.118	240.713470	43.039771	1244.22	170.95
6	GUIDE	402009136	9.12	14914	-0.012	0.032	0.065	0.108	240.344834	43.795711	-1527.66	978.11
7	GUIDE	402009440	8.74	14914	0.058	0.077	0.060	0.100	240.439336	42.842846	1398.28	-829.23

2.4 Star Slots

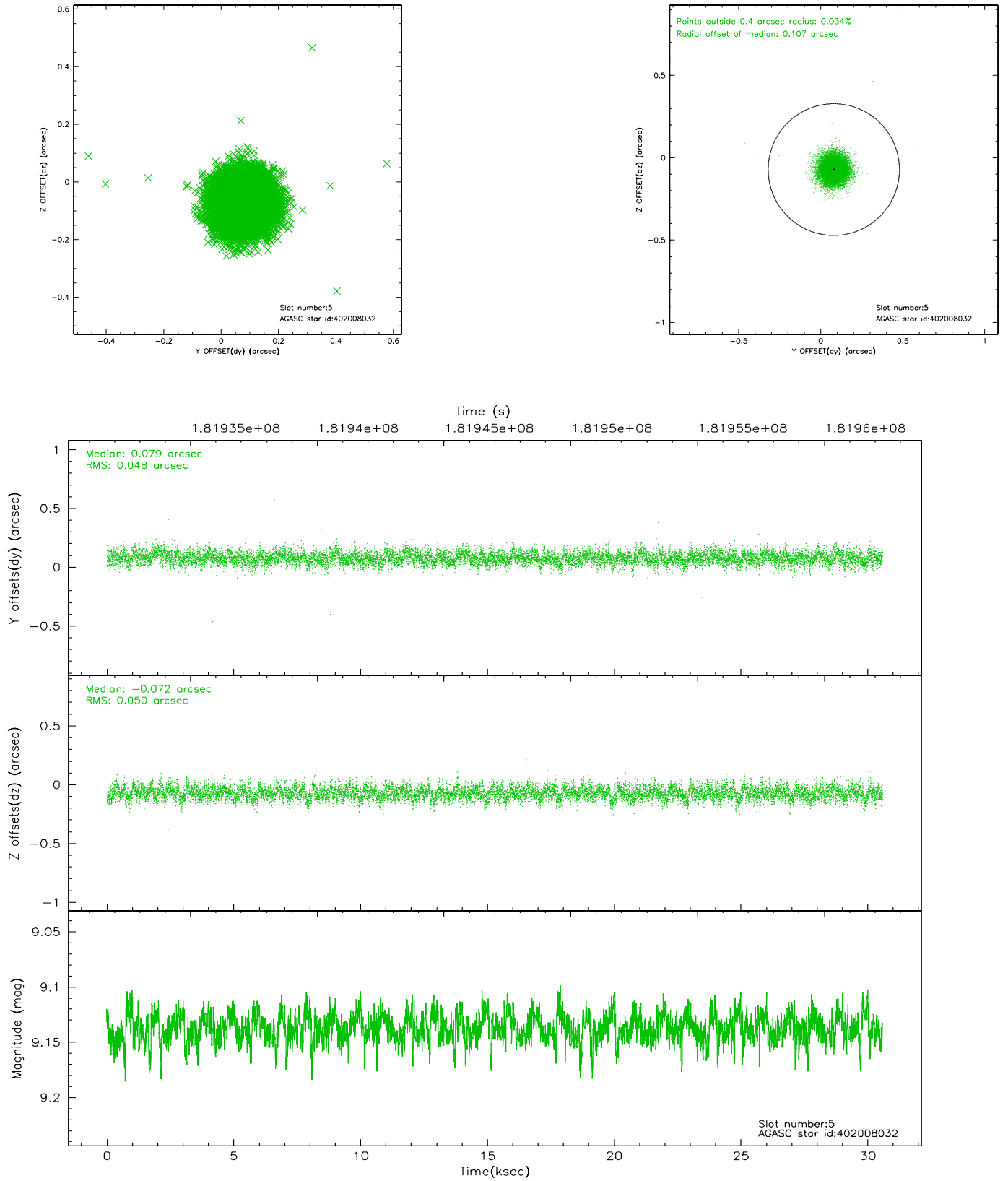
2.4.1 Slot 3



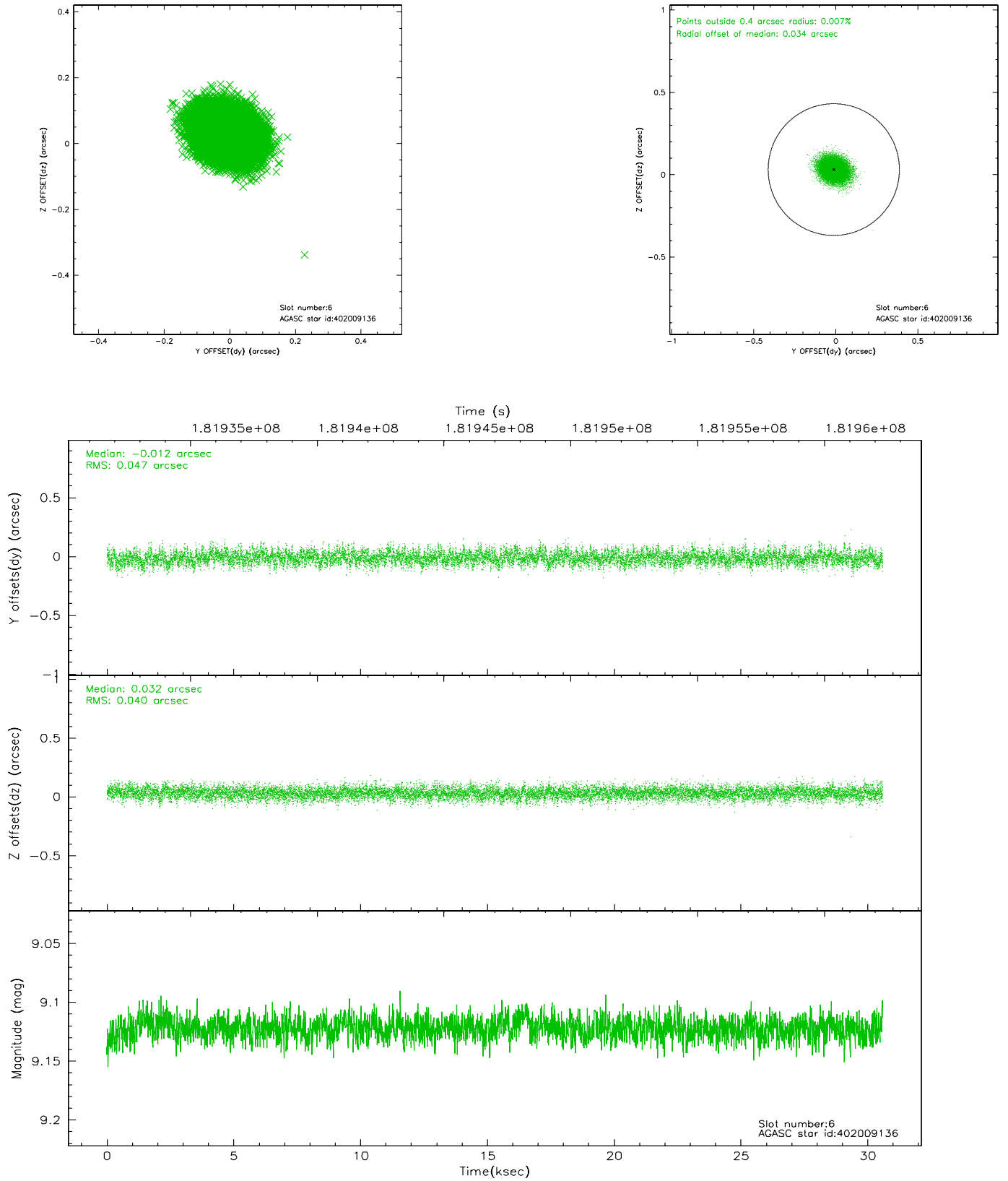
2.4.2 Slot 4



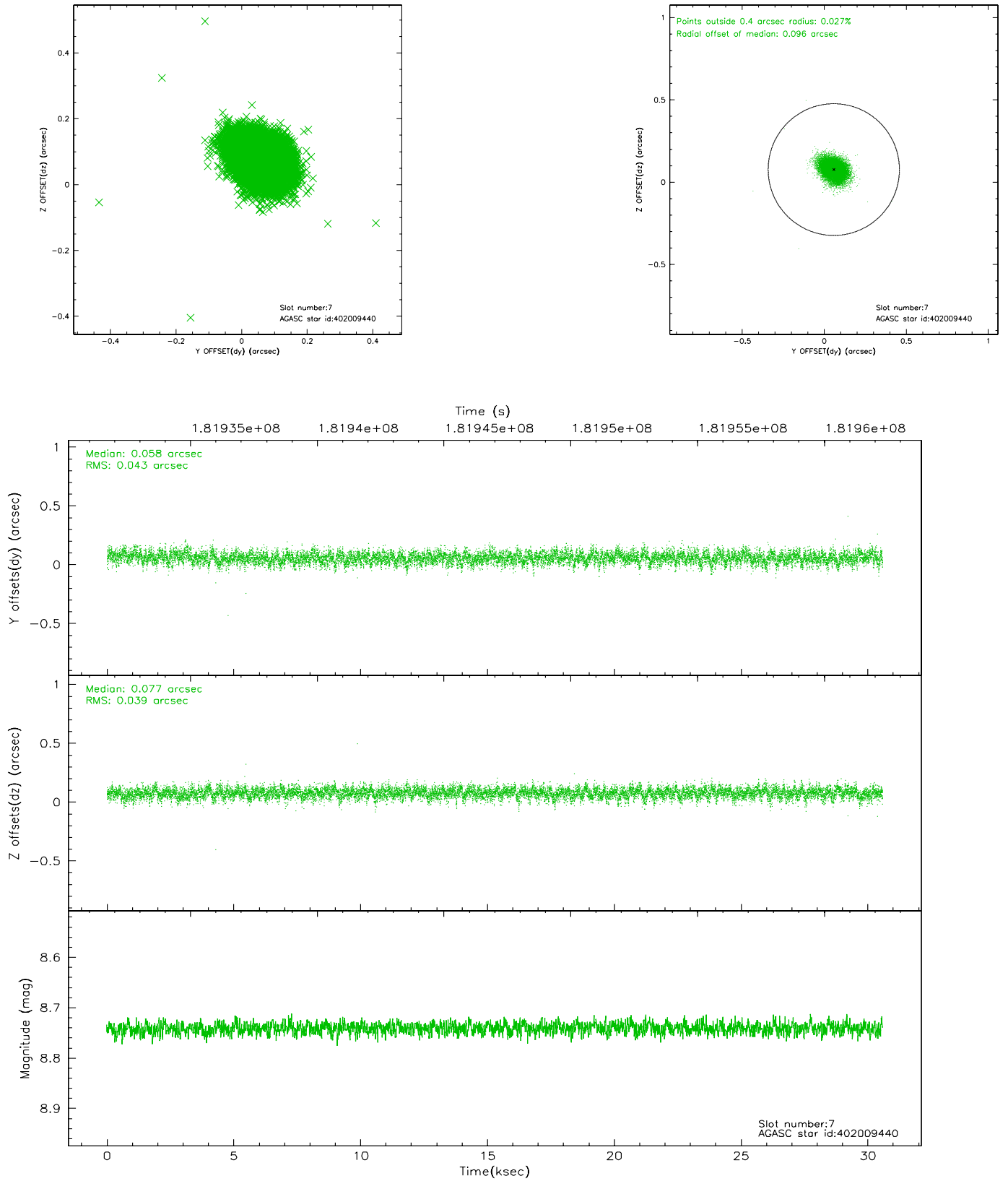
2.4.3 Slot 5



2.4.4 Slot 6

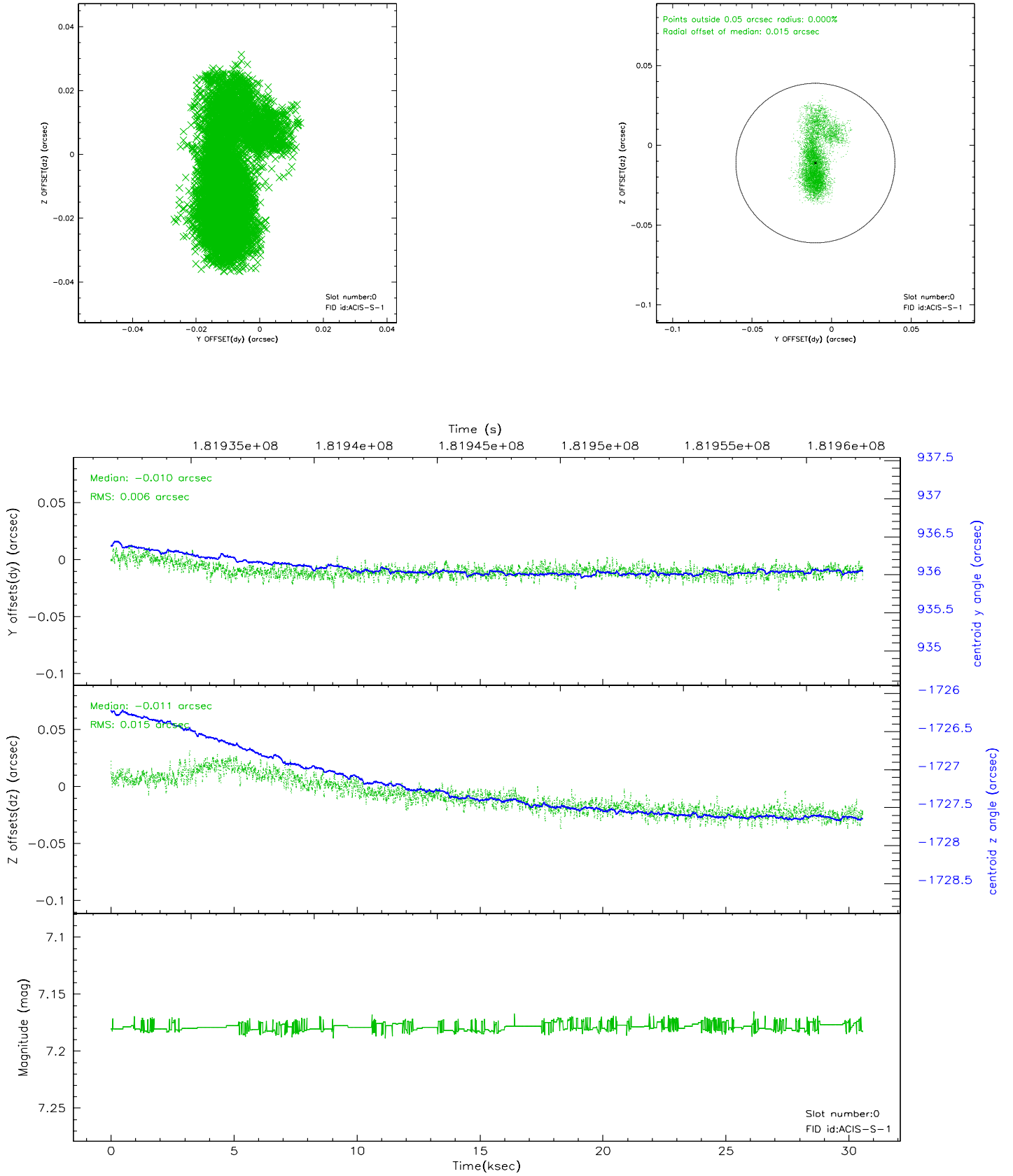


2.4.5 Slot 7

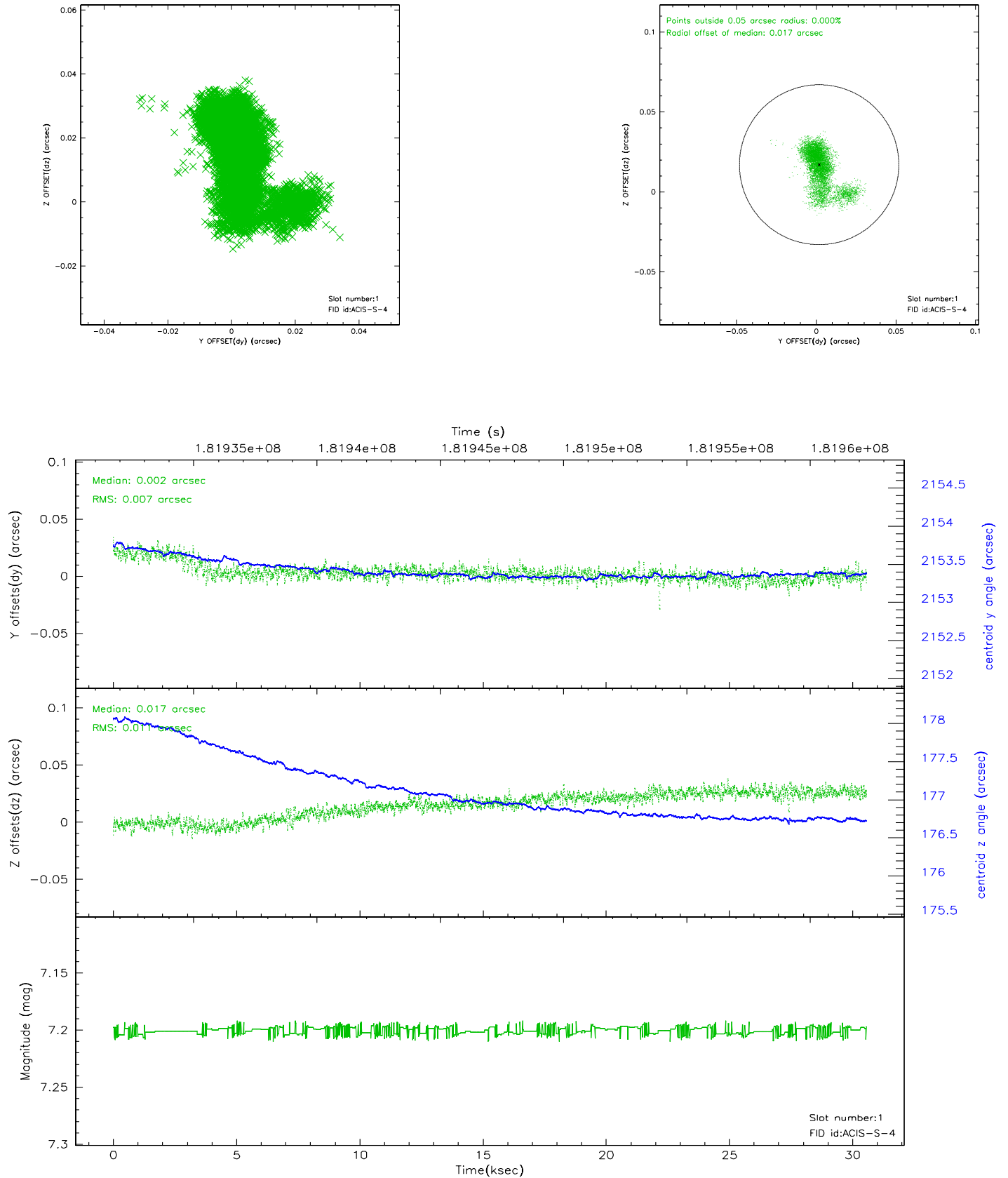


2.5 FID Slots

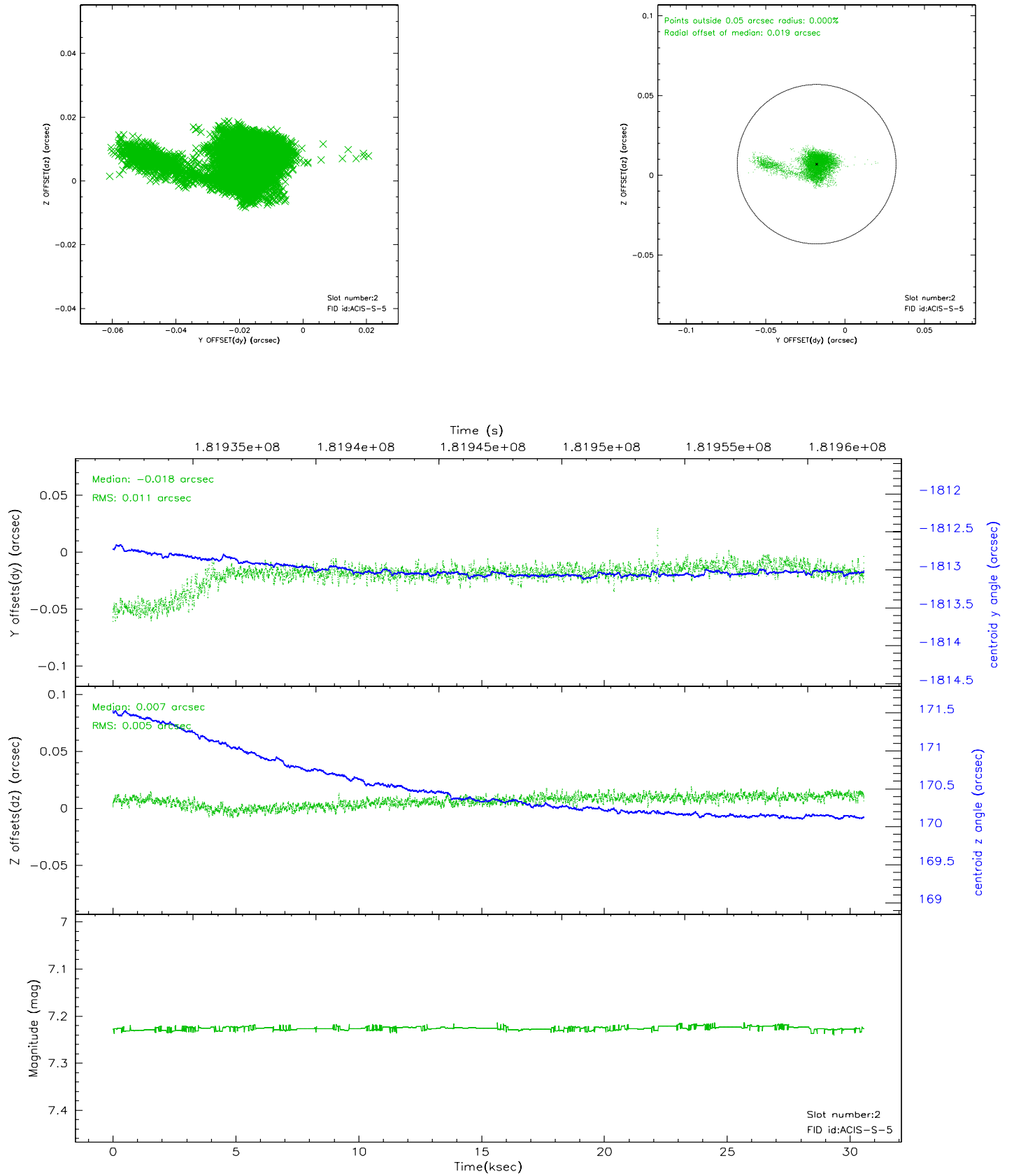
2.5.1 Slot 0



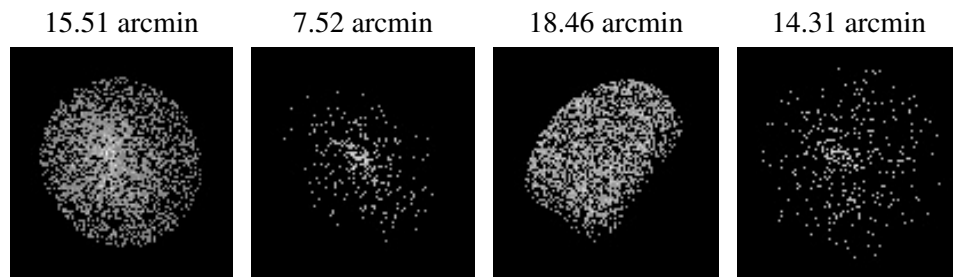
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Doug Morgan
V&V Date (YYYY-MM-DD)	2006.07.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	30.575

A.2 Comments