

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 5783 - L2 Version 002
Chandra X-Ray Center

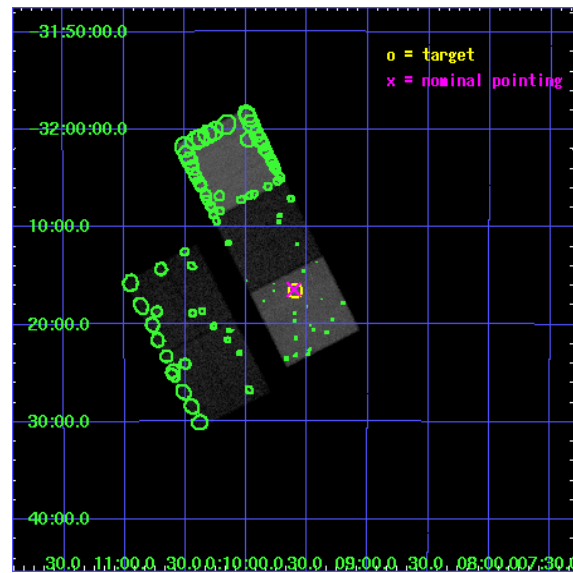
L2 Processing Date : Mar 20 2006

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1 Front

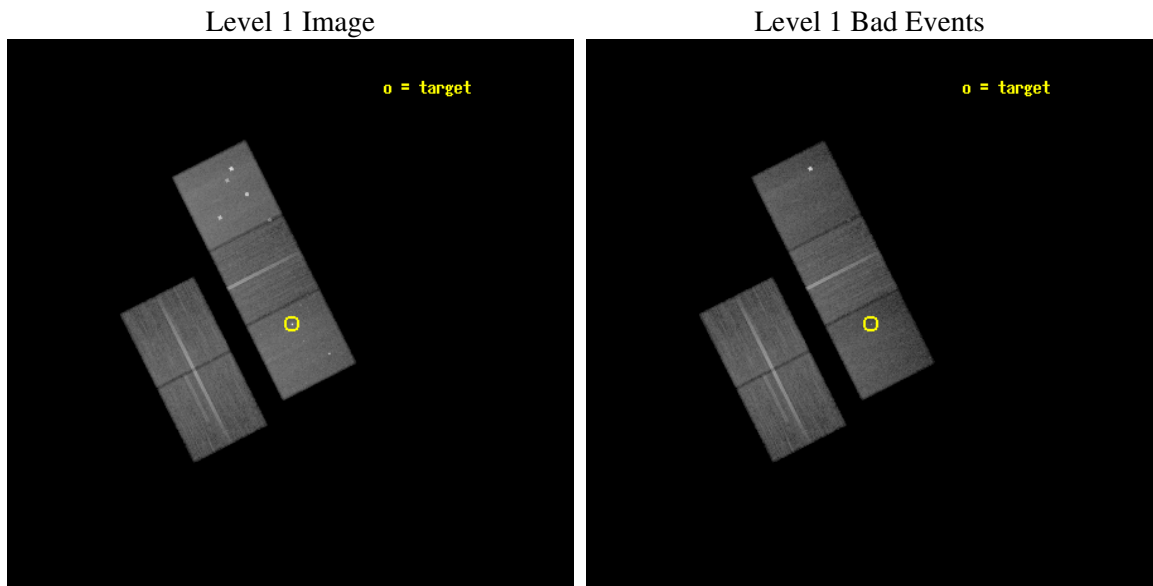
seq_num	800496
obs_id	5783
title	Fossil groups in the local Universe
observer	Dr Alastair Sanderson
object	IC 1531
dtcycle	0
cycle	P
ra_targ	2.397917
dec_targ	-32.276944
ra_nom	2.4018297329827
dec_nom	-32.274129576196
roll_nom	63.238361381949
revision	2
ontime	40058.199922979
livetime	39534.810050567
ontime2	40042.494971722
ontime3	40045.636031598
ontime5	40058.199922979
ontime6	40055.058992356
ontime7	40058.199922979
l2events	350270



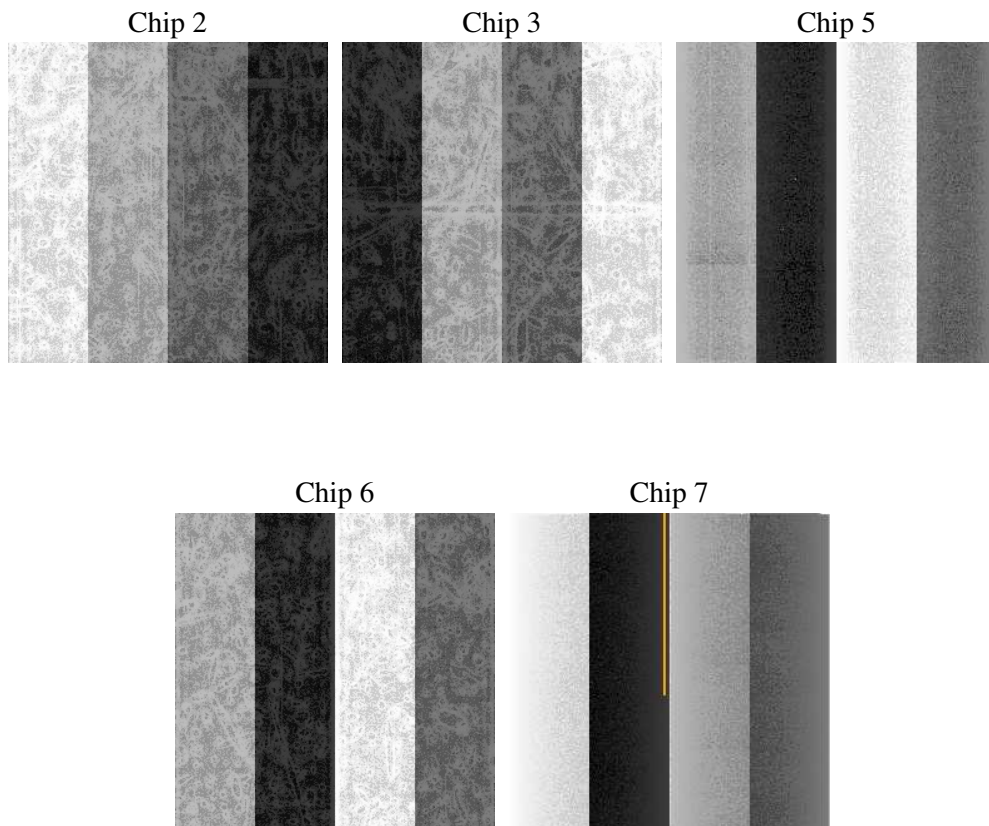
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.1
caldbver	3.2.1
date	2006-03-20T13:17:28
revision	2

sched_exp_time	39900.119000
ontime	41448.80877161
ontime2	41433.103820354
ontime3	41436.244880229
ontime5	41448.80877161
ontime6	41445.667821079
ontime7	41448.80877161
l1events	1485163

2.1.4 Events

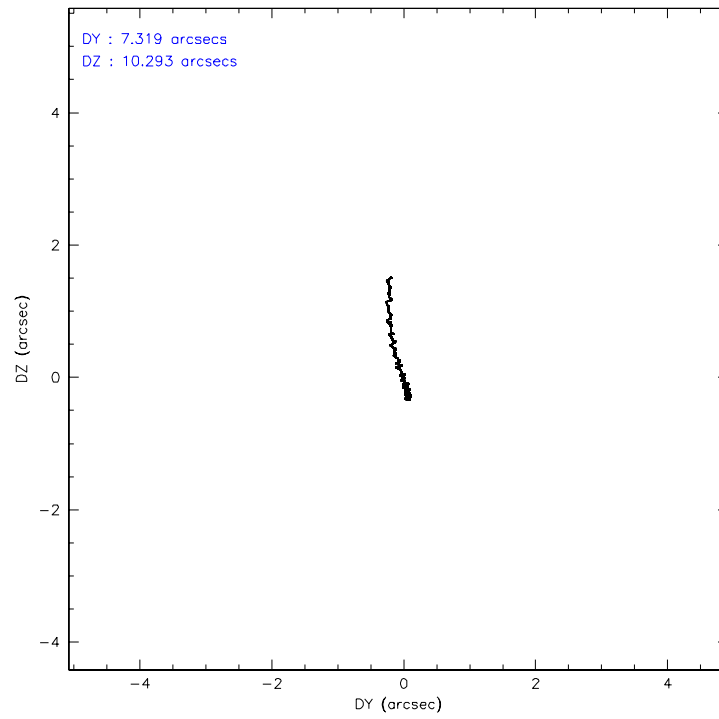
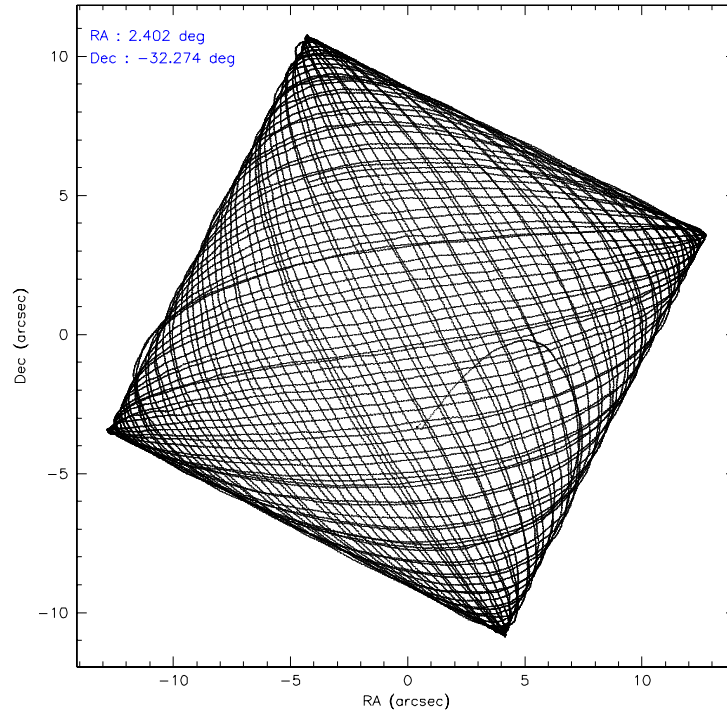
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7
level 1 events	268115	259504	383876	267463	306205
rejected events	243078	235369	203595	240150	176485
rejected %	90%	90%	53%	89%	57%

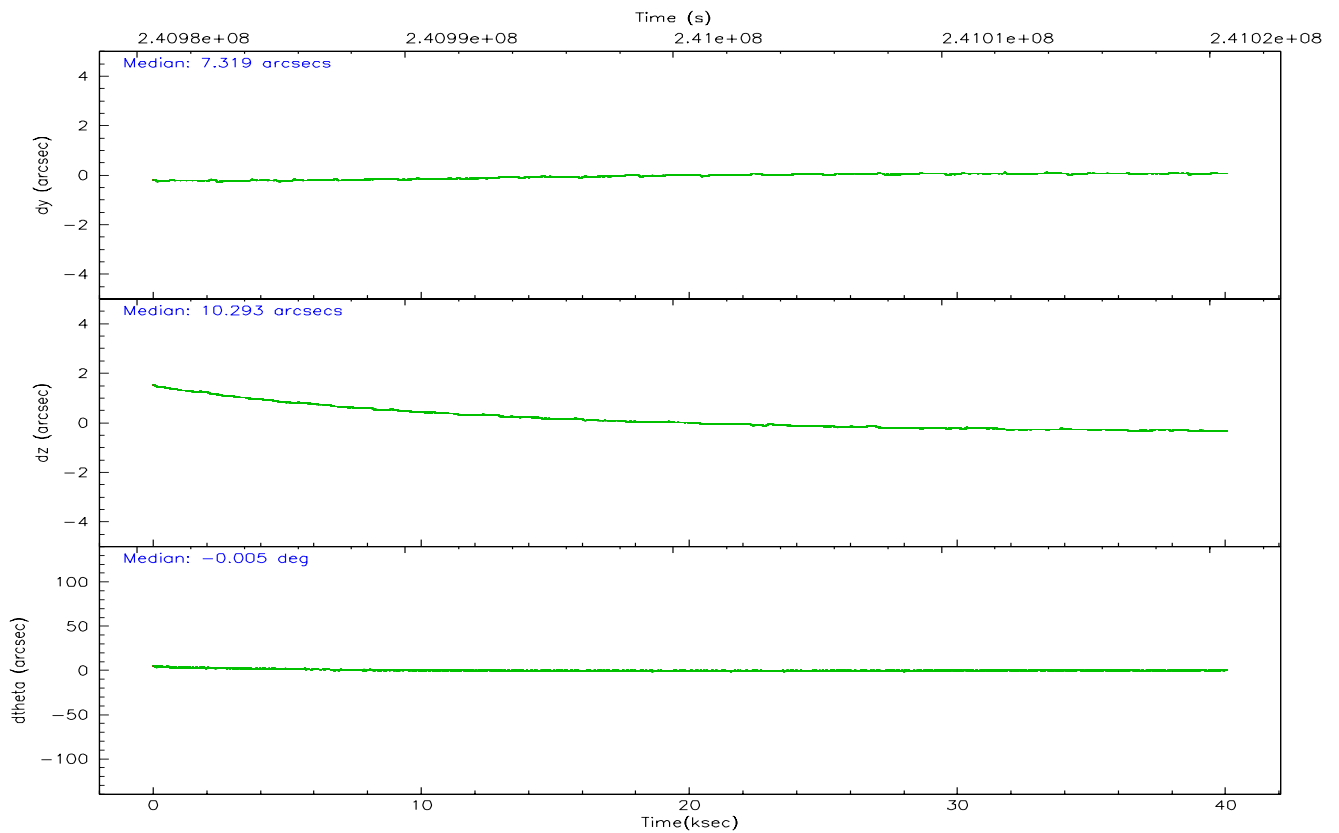
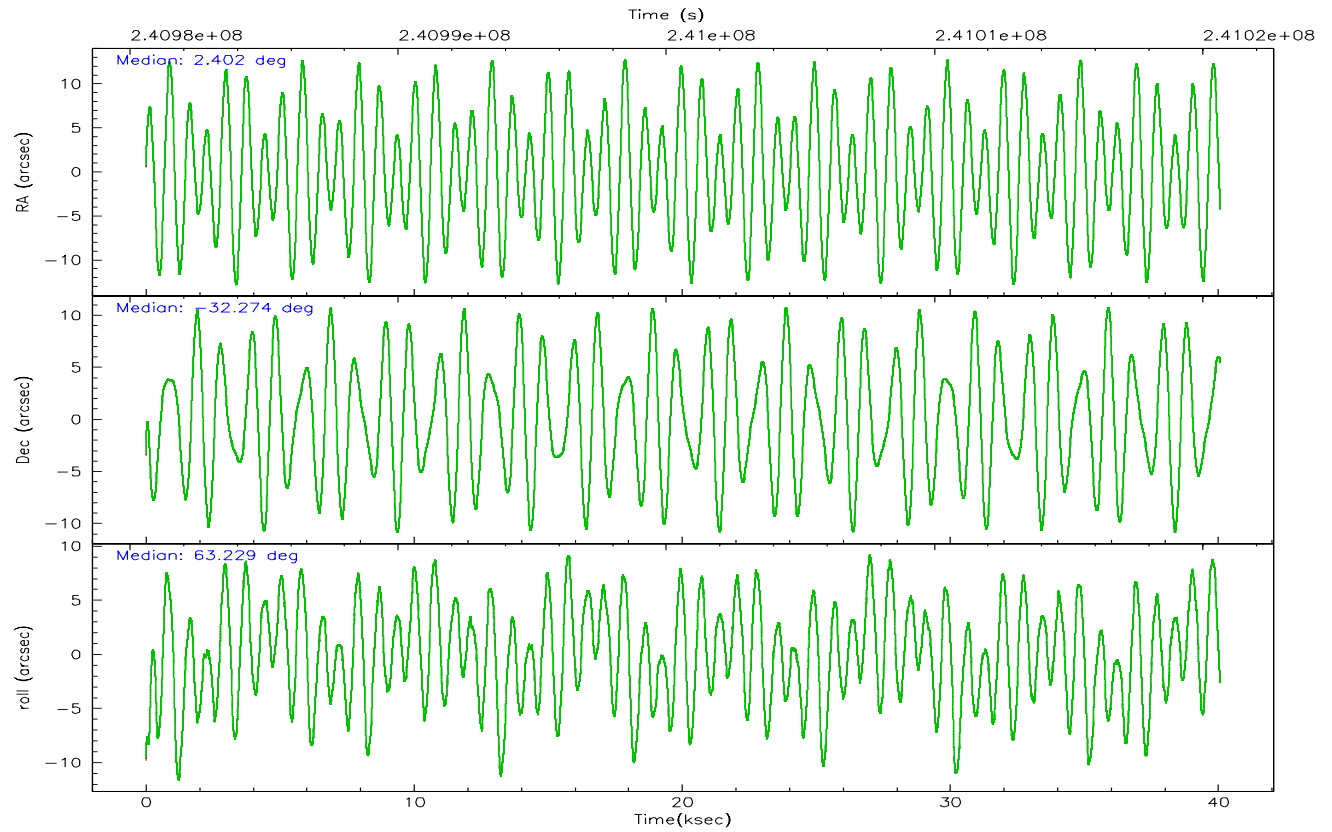
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7
grade 0 events	9593	9005	23372	10057	9903
	3%	3%	6%	3%	3%
grade 1 events	131	127	807	127	189
	0%	0%	0%	0%	0%
grade 2 events	5954	5318	54805	6117	33166
	2%	2%	14%	2%	10%
grade 3 events	2760	2856	5808	2976	8017
	1%	1%	1%	1%	2%
grade 4 events	2936	2836	4420	2952	7788
	1%	1%	1%	1%	2%
grade 5 events	8405	10503	25253	10777	22032
	3%	4%	6%	4%	7%
grade 6 events	4613	4949	98151	6043	75062
	1%	1%	25%	2%	24%
grade 7 events	233723	223910	171260	228414	150048
	87%	86%	44%	85%	49%

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	2.404091	2.401829732982678	Alternating exposures requested	N	N
Pointing Dec	-32.301281	-32.27412957619566	Primary exposure time	0.000000	3.1
Pointing Roll	63.082937	63.23836138194925			
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	240980752.184000	240979070.53669			
Observation start date	2005-08-21T03:04:48	2005-08-21T02:37:50			
Observation end time	241020653.184000	241020869.0136			
Observation end date	2005-08-21T14:09:49	2005-08-21T14:14:29			
Read mode	TIMED	TIMED			

2.3 Aspect



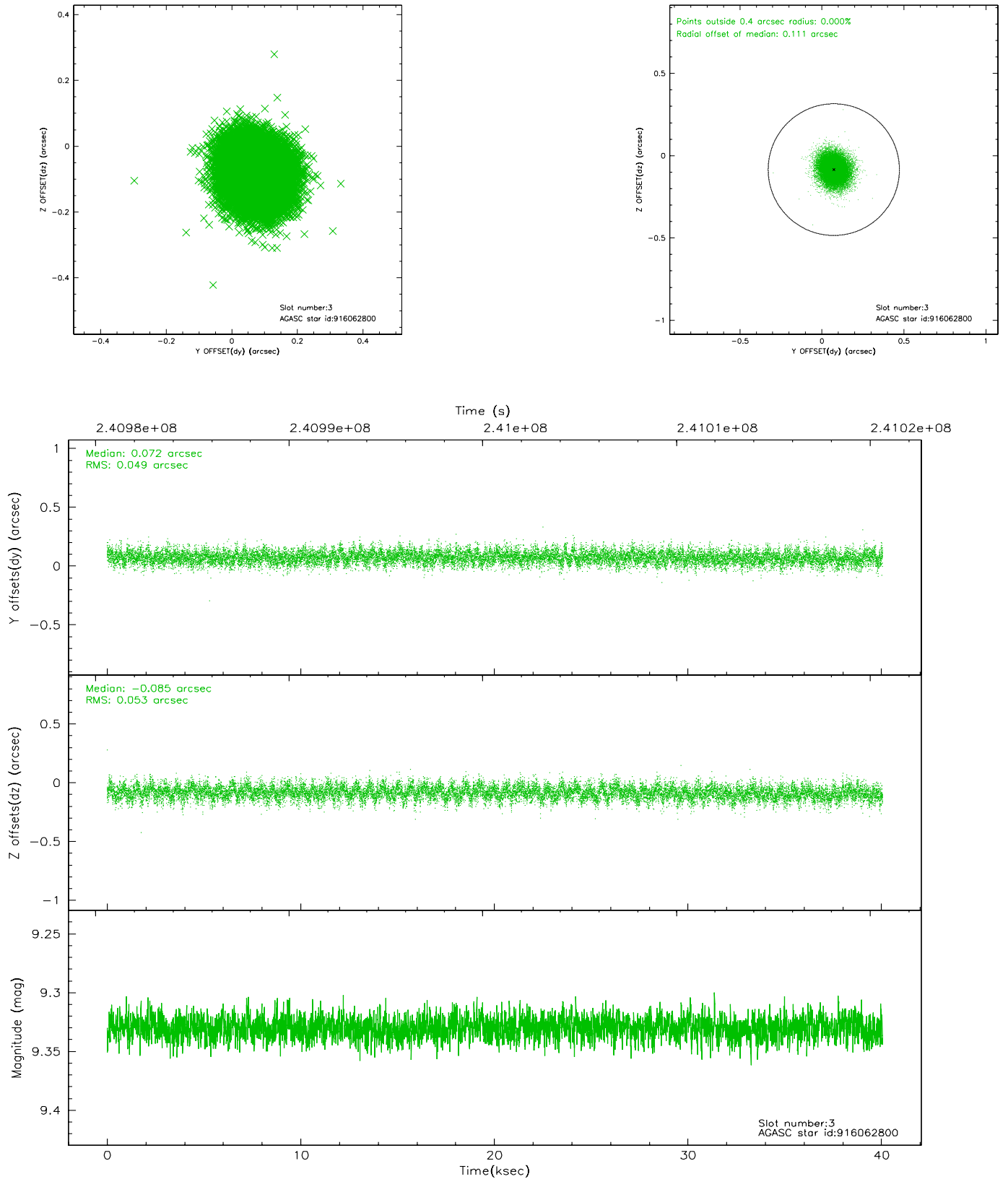


Slot Statistics

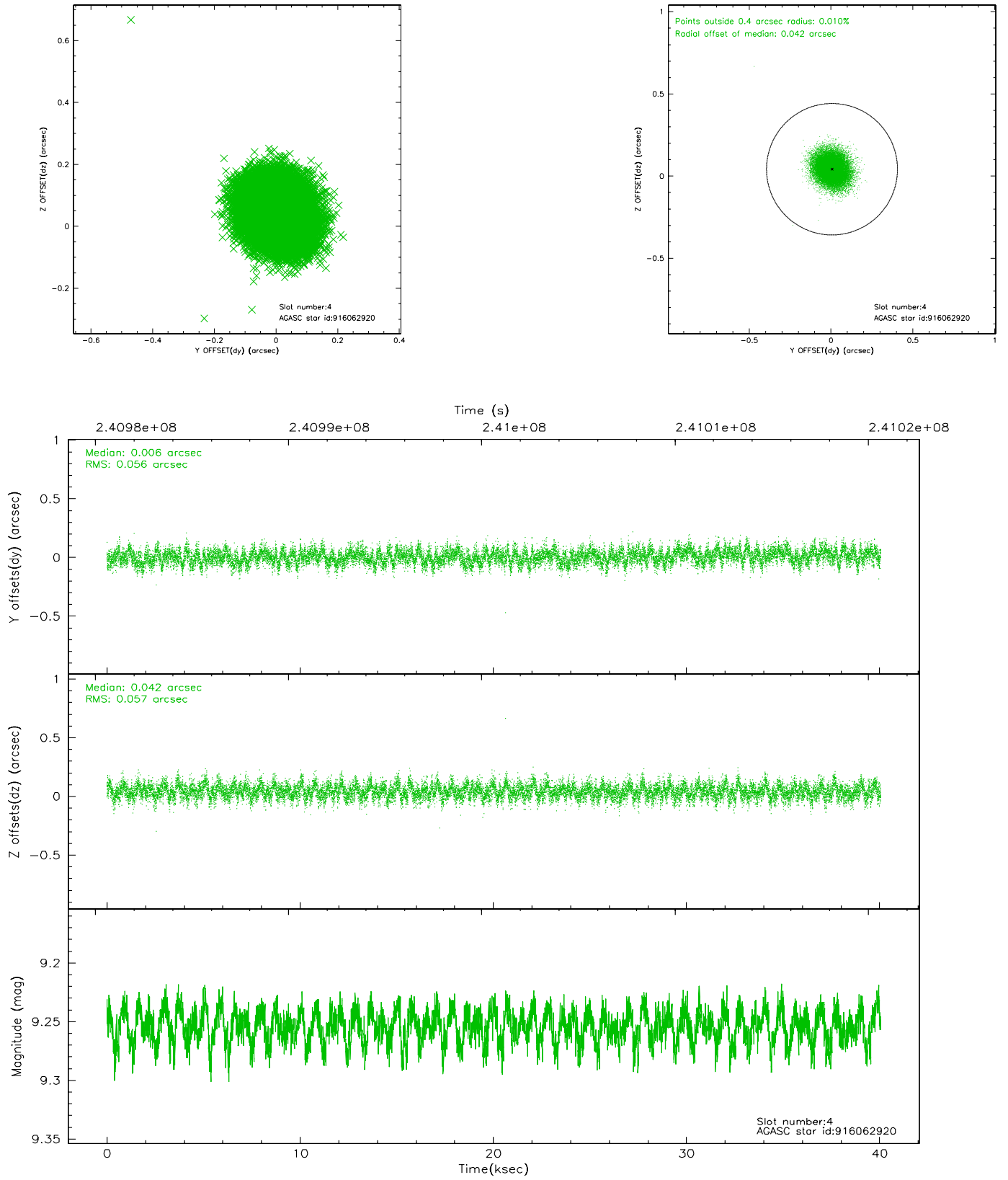
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	9772	-0.043	-0.002	0.012	0.018	0.000000	0.000000	-760.03	-1731.74
1	FID	ACIS-S-4	7.21	9773	0.058	0.021	0.014	0.022	0.000000	0.000000	2153.29	176.82
2	FID	ACIS-S-5	7.24	9773	-0.047	-0.010	0.009	0.015	0.000000	0.000000	-1812.90	170.39
3	GUIDE	916062800	9.33	19533	0.072	-0.085	0.077	0.124	2.432731	-31.825538	1566.78	694.71
4	GUIDE	916062920	9.25	19534	0.006	0.042	0.085	0.137	2.160047	-32.473204	-888.07	380.00
5	GUIDE	916064392	9.58	19531	-0.042	0.096	0.098	0.159	2.747139	-32.053670	1267.55	-530.27
6	GUIDE	916064808	8.73	19533	-0.049	-0.129	0.067	0.109	2.415588	-32.078934	729.79	331.05
7	GUIDE	916193568	8.84	19536	0.016	0.074	0.089	0.143	3.206809	-31.897600	2399.35	-1533.97

2.4 Star Slots

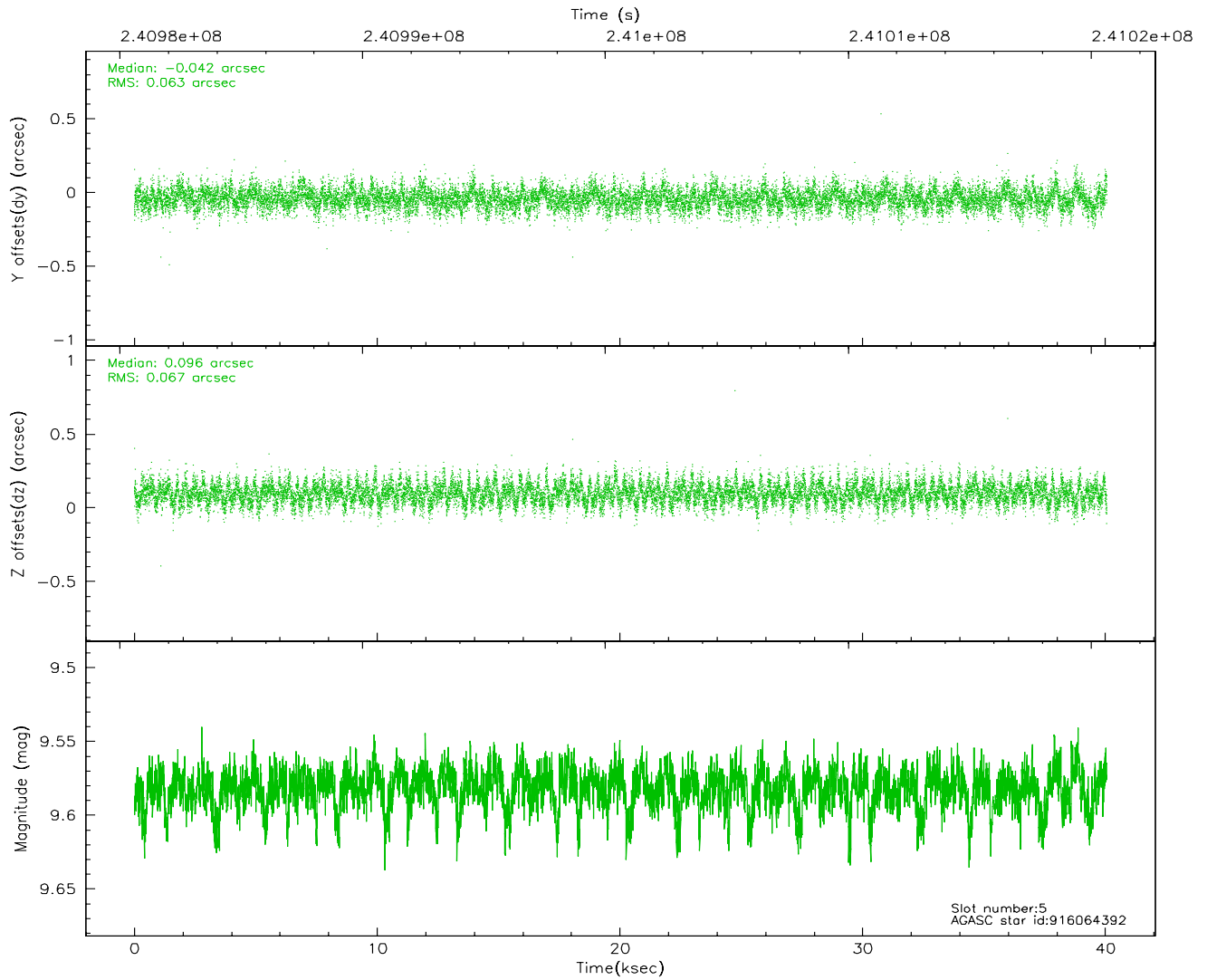
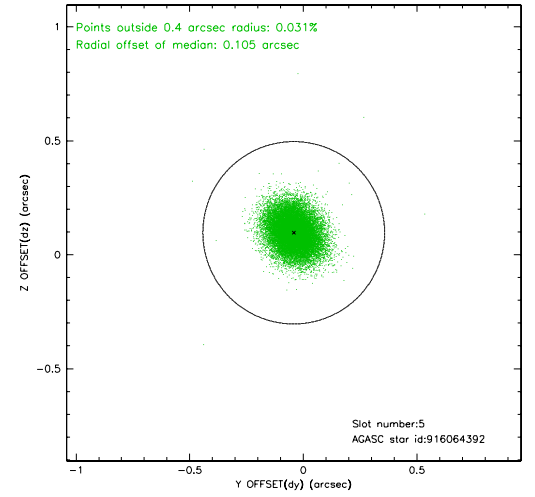
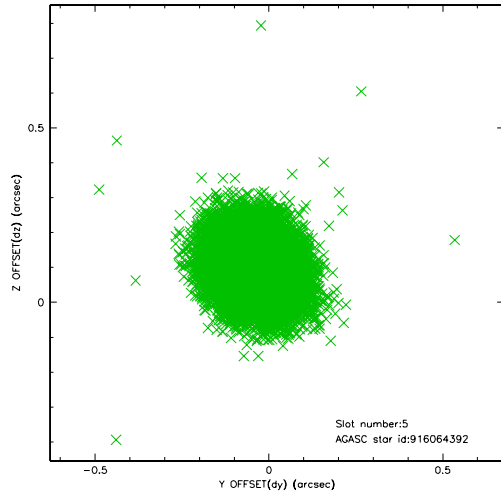
2.4.1 Slot 3



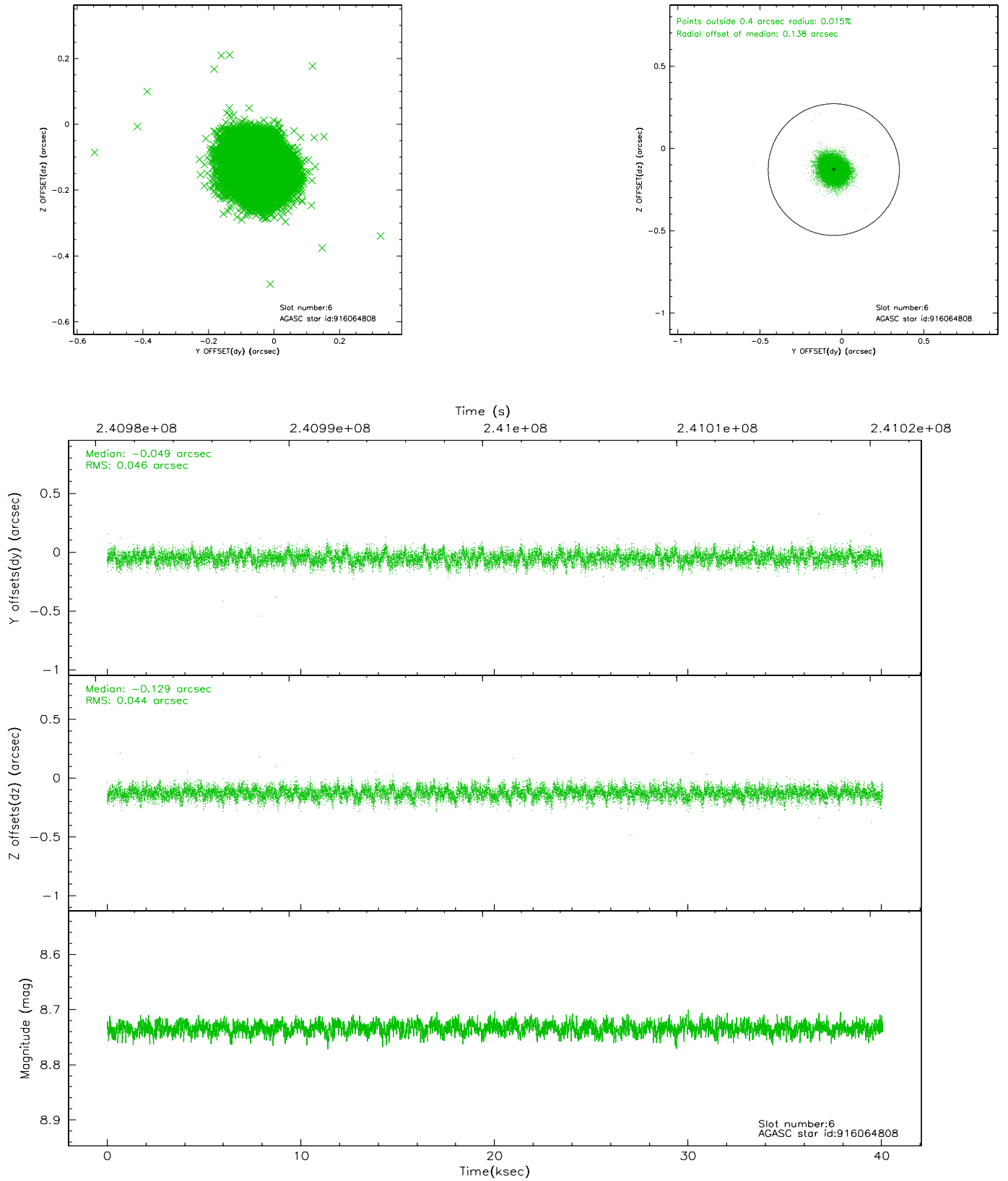
2.4.2 Slot 4



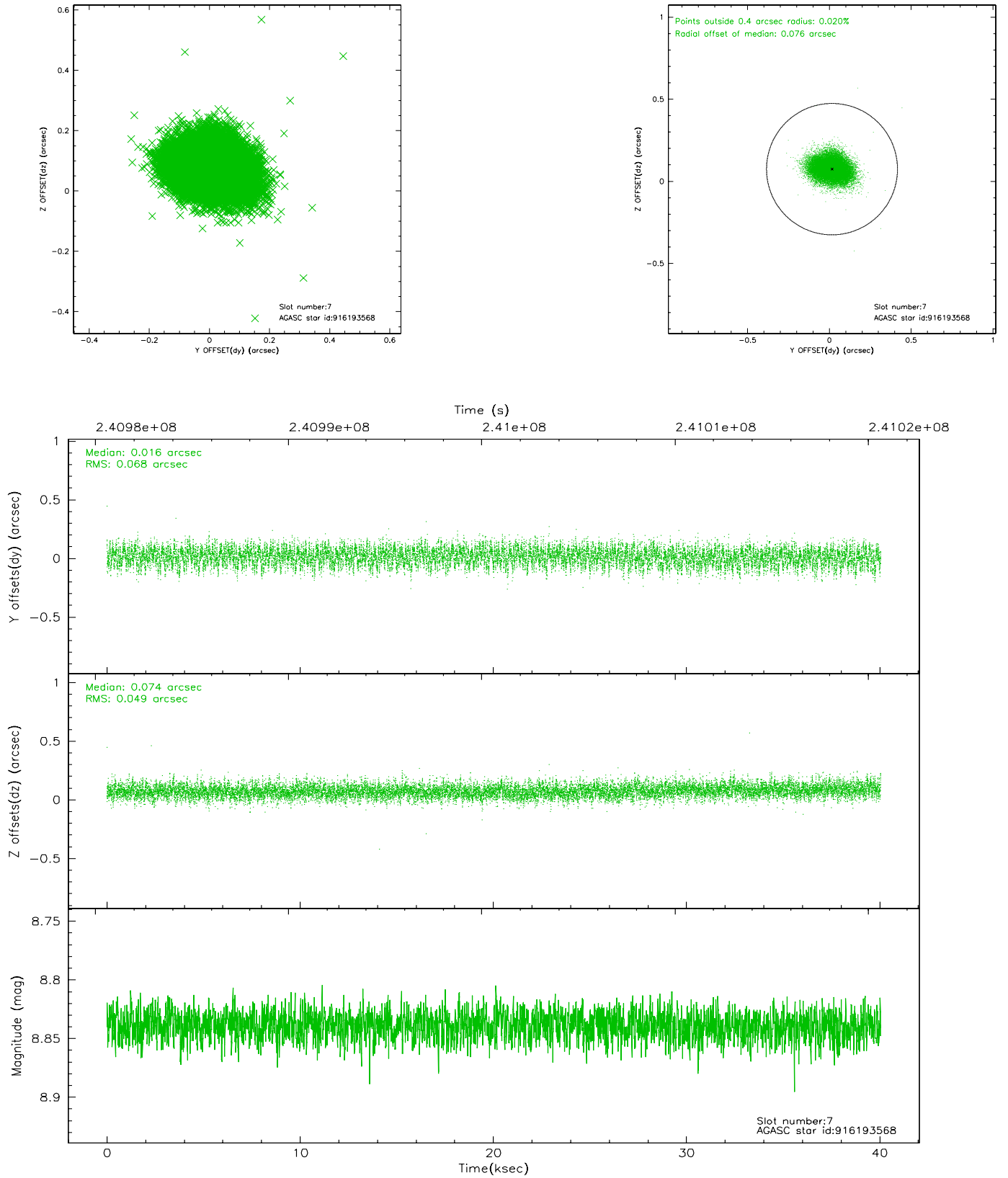
2.4.3 Slot 5



2.4.4 Slot 6

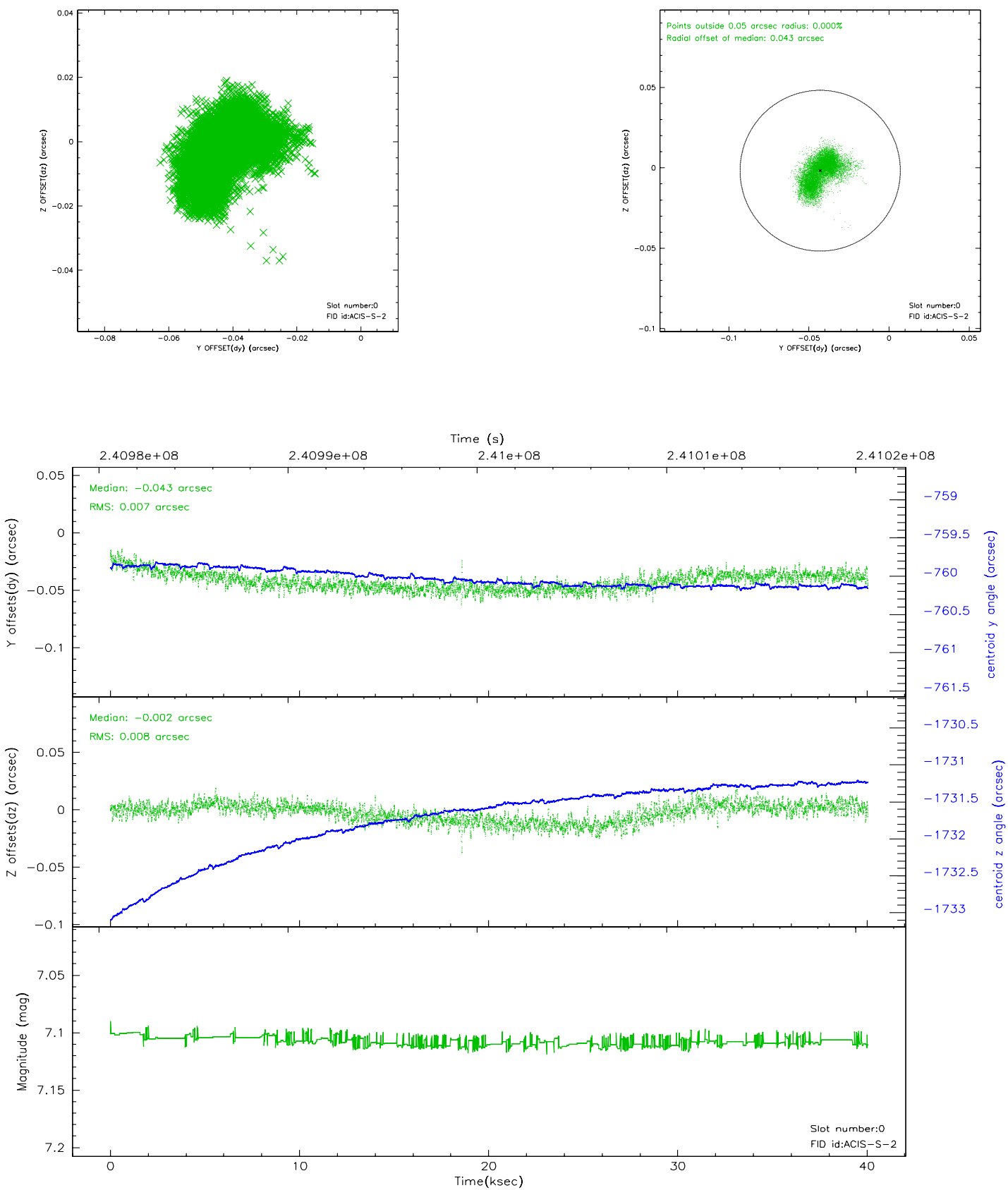


2.4.5 Slot 7

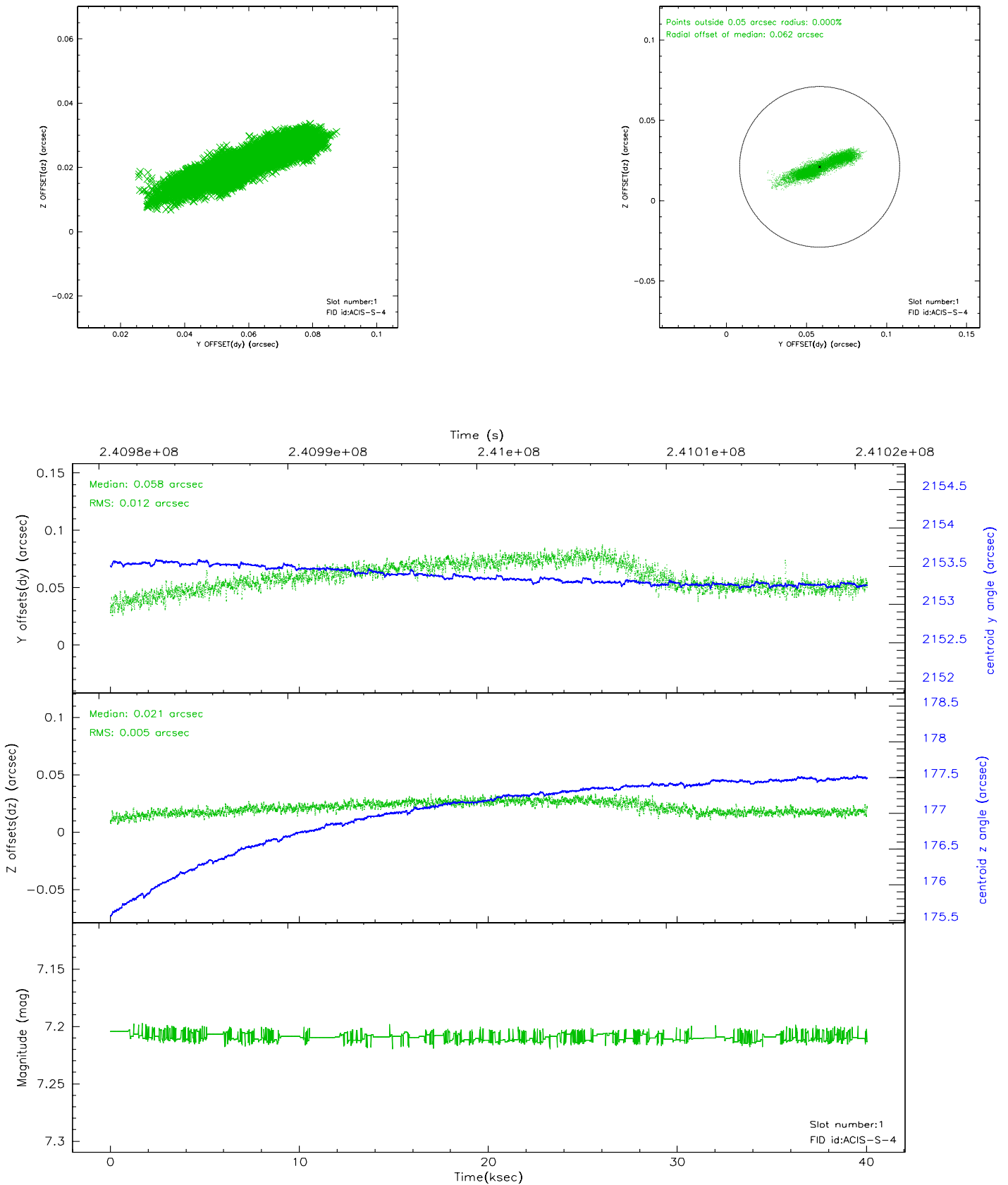


2.5 FID Slots

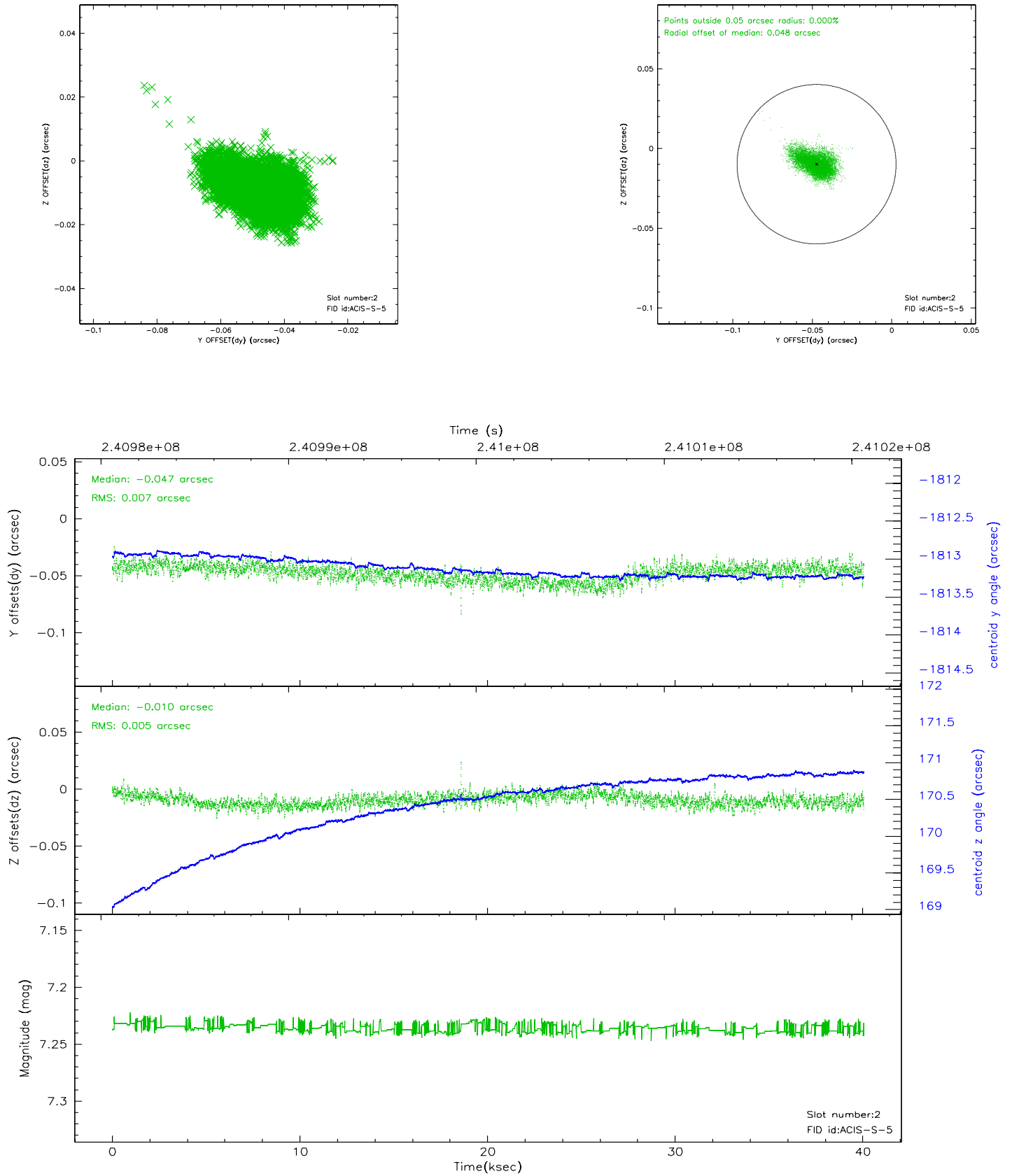
2.5.1 Slot 0



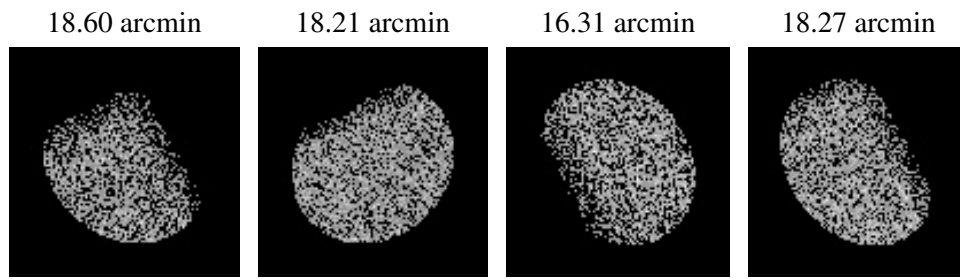
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Doug Morgan
V&V Date (YYYY-MM-DD)	2006.03.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	40.05819

A.2 Comments