

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2949 - L2 Version 001
Chandra X-Ray Center

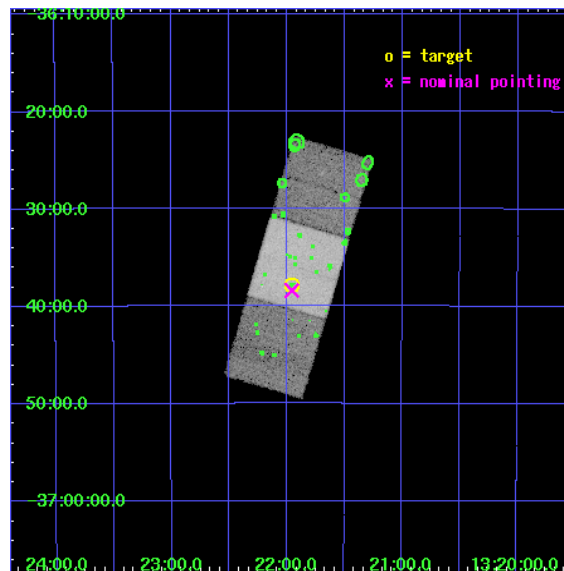
L2 Processing Date : Sep 16 2006

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1 Front

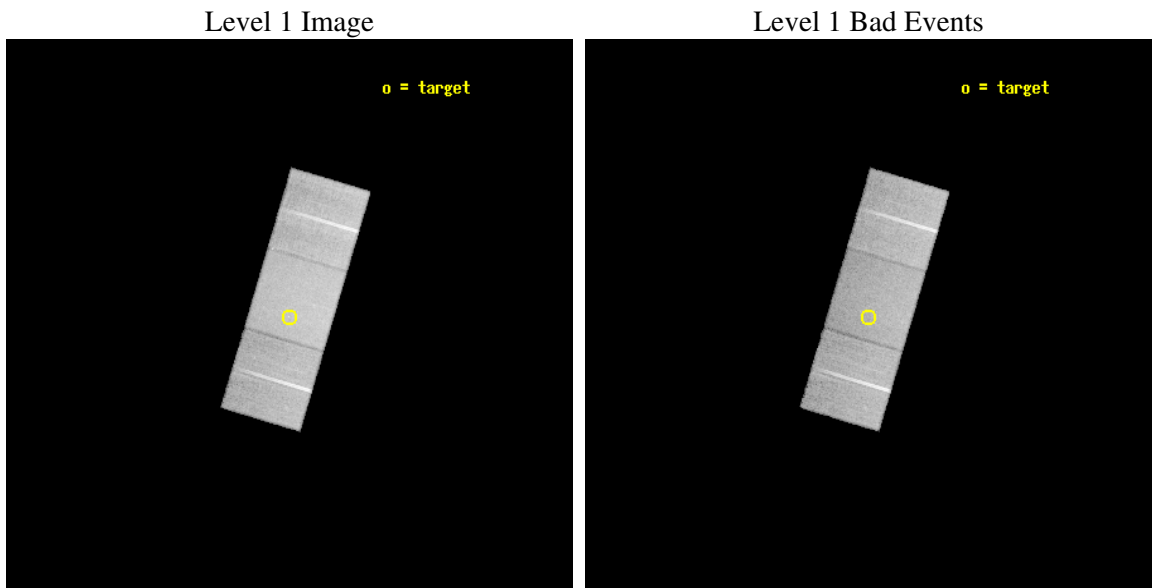
seq_num	600286
obs_id	2949
title	MULTI-COMPONENT X-RAY EMISSION IN THE S0 GALAXY NGC 5102
observer	Dr. Ralph Kraft
object	NGC 5102
dtcycle	0
cycle	P
ra_targ	200.4875
dec_targ	-36.630278
ra_nom	200.48885967331
dec_nom	-36.639928513269
roll_nom	286.56961500446
revision	2
ontime	34661.099933356
liveltime	34208.227145596
ontime6	34657.958983064
ontime7	34661.099933356
ontime8	34661.099933356
l2events	155848



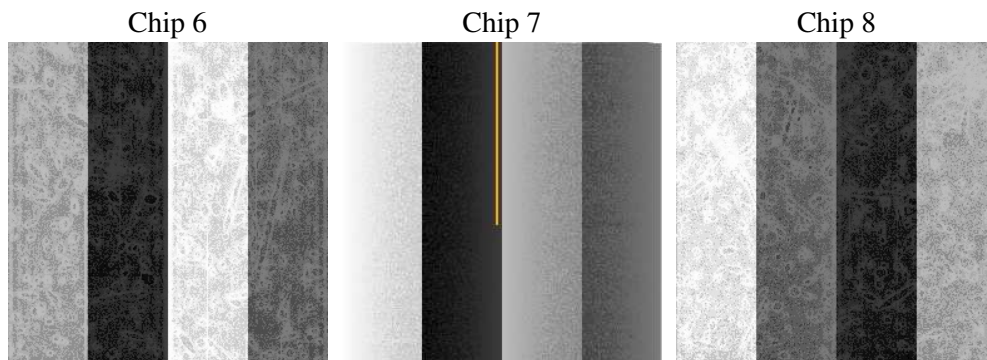
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldsver	3.2.3
date	2006-09-16T18:35:28
revision	2

sched_exp_time	34300.000000
ontime	34667.28232488
ontime6	34664.141344666
ontime7	34667.28232488
ontime8	34667.28232488
l1events	761132

2.1.4 Events

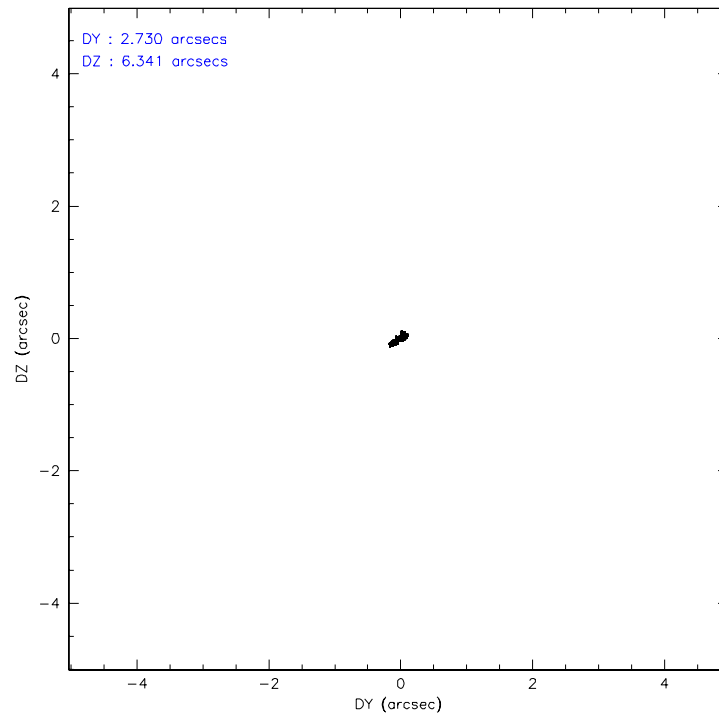
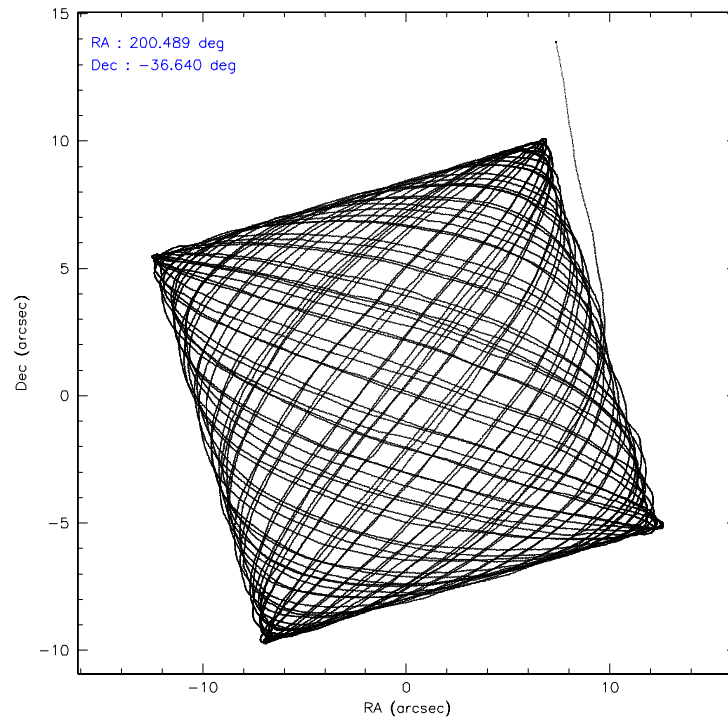
	ccd 6	ccd 7	ccd 8
level 1 events	215469	279353	266310
rejected events	188805	168684	211376
rejected %	87%	60%	79%

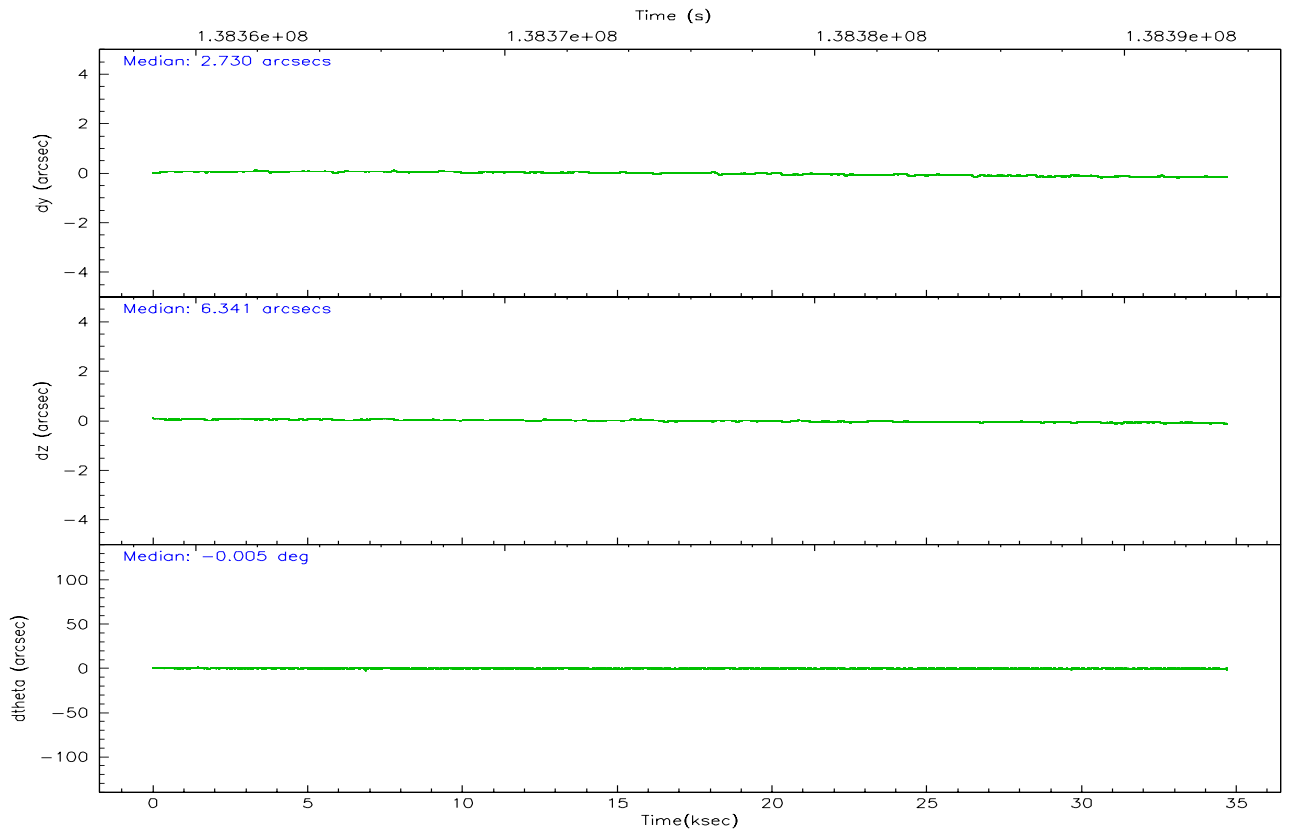
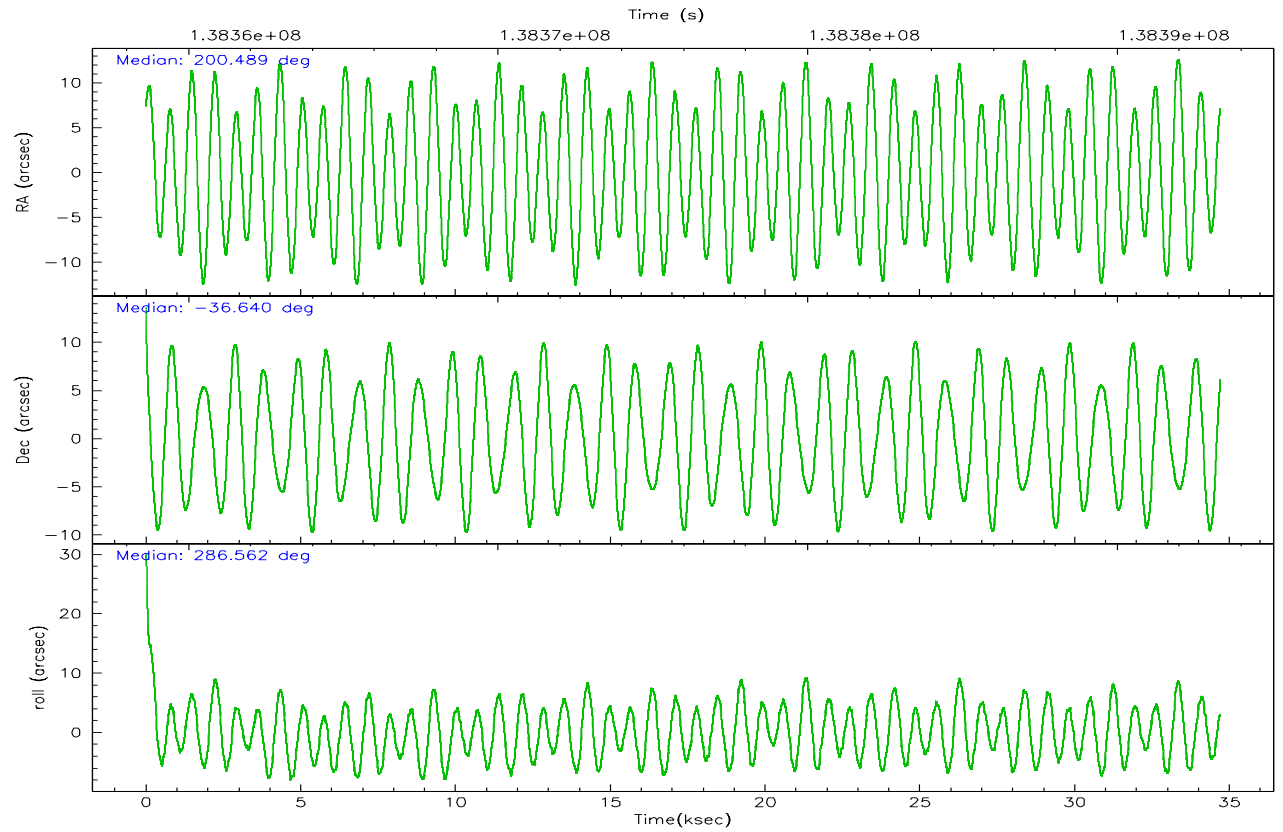
	ccd 6	ccd 7	ccd 8
grade 0 events	11371	8197	17510
	5%	2%	6%
grade 1 events	93	148	141
	0%	0%	0%
grade 2 events	5249	27108	11941
	2%	9%	4%
grade 3 events	2544	6053	5933
	1%	2%	2%
grade 4 events	2421	5892	5409
	1%	2%	2%
grade 5 events	9255	18658	11704
	4%	6%	4%
grade 6 events	5085	63441	14145
	2%	22%	5%
grade 7 events	179451	149856	199527
	83%	53%	74%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-678	ACIS-678	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	200.463898	200.488859673311	Subarray requested	NONE	NONE
Pointing Dec	-36.621434	-36.63992851326905	Alternating exposures requested	N	N
Pointing Roll	286.398093	286.569615004459	Primary exposure time	0.000000	3.1
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	138359026.184000	138357938.75291			
Observation start date	2002-05-21T09:02:42	2002-05-21T08:45:38			
Observation end time	138393326.184000	138394087.94188			
Observation end date	2002-05-21T18:34:22	2002-05-21T18:48:07			
Read mode	TIMED	TIMED			

2.3 Aspect



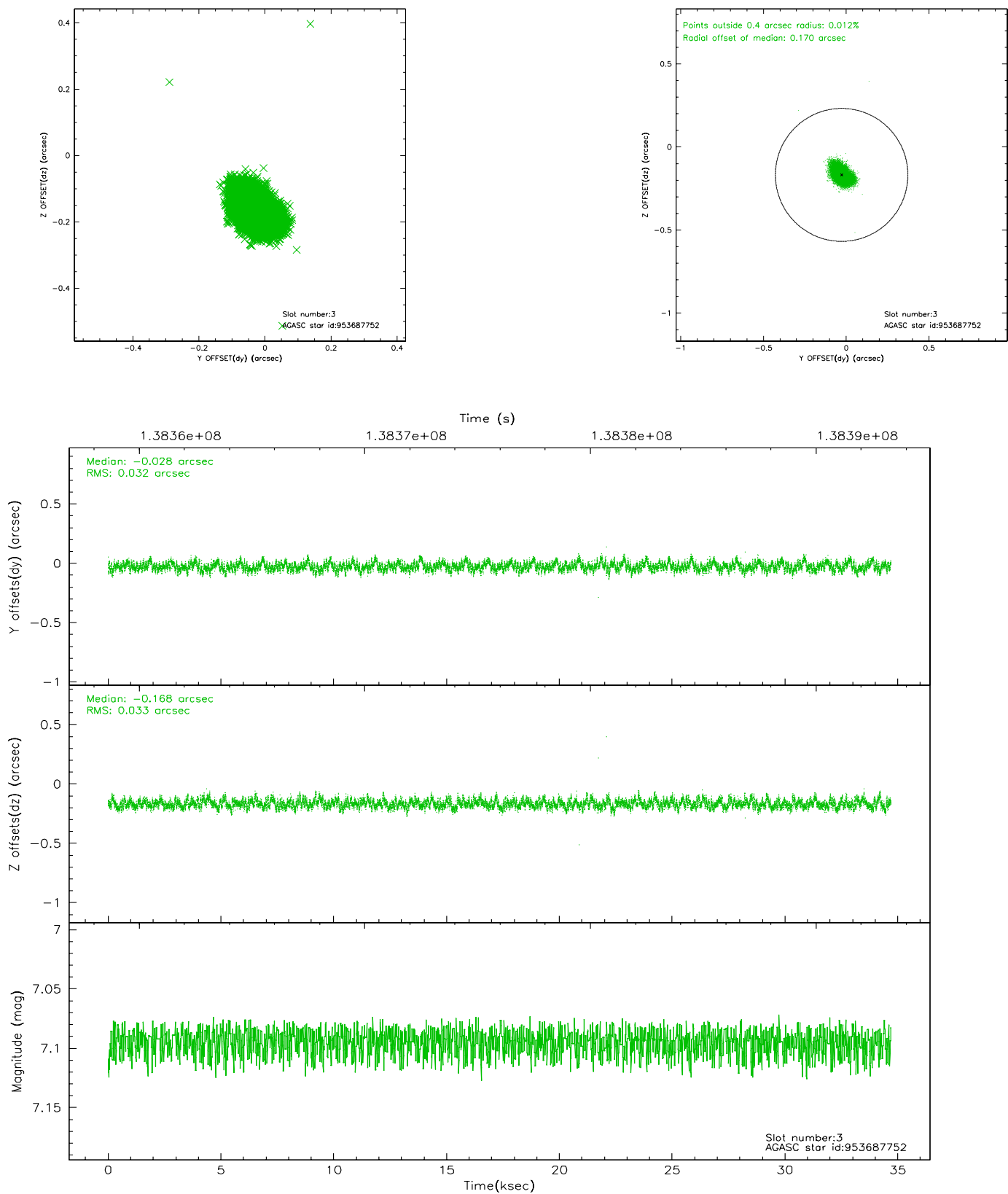


Slot Statistics

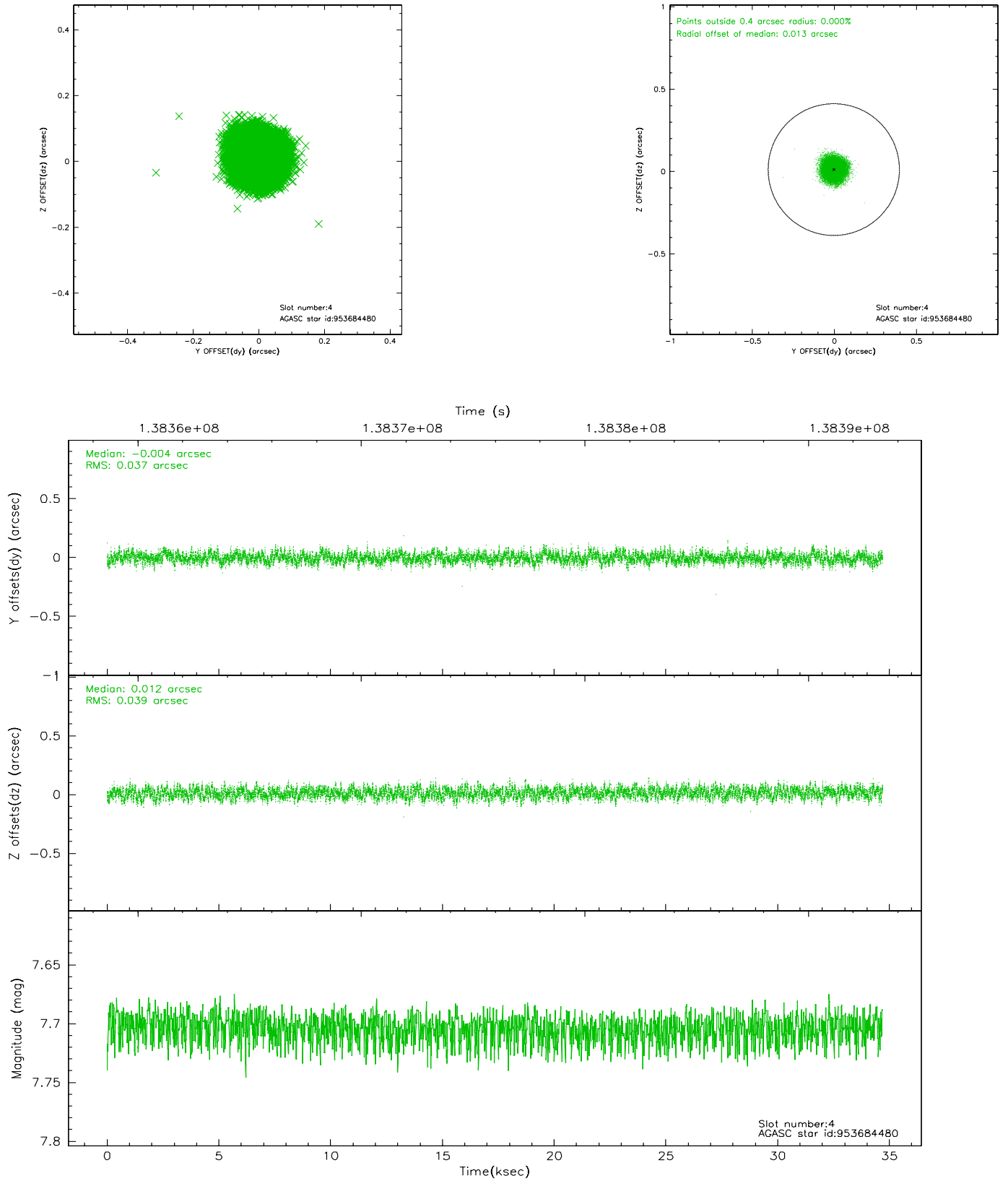
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.12	8463	-0.024	0.033	0.006	0.011	0.000000	0.000000	-755.33	-1727.42
1	FID	ACIS-S-4	7.21	8463	-0.060	0.003	0.005	0.009	0.000000	0.000000	2157.85	181.05
2	FID	ACIS-S-5	7.24	8464	0.052	-0.027	0.007	0.012	0.000000	0.000000	-1808.08	174.66
3	GUIDE	953687752	7.09	16928	-0.028	-0.168	0.048	0.080	201.056107	-36.243233	-814.99	2032.33
4	GUIDE	953684480	7.70	16927	-0.004	0.012	0.058	0.090	200.457323	-36.112232	-1763.10	499.12
5	GUIDE	953565040	8.64	16925	-0.008	0.002	0.066	0.105	199.878256	-37.002161	845.60	-2003.31
6	GUIDE	953552040	9.27	16925	-0.131	0.086	0.086	0.139	199.604803	-36.301560	-1796.53	-2069.29
7	GUIDE	953688744	9.57	16916	0.169	0.069	0.088	0.144	200.368021	-37.180617	1854.81	-831.81

2.4 Star Slots

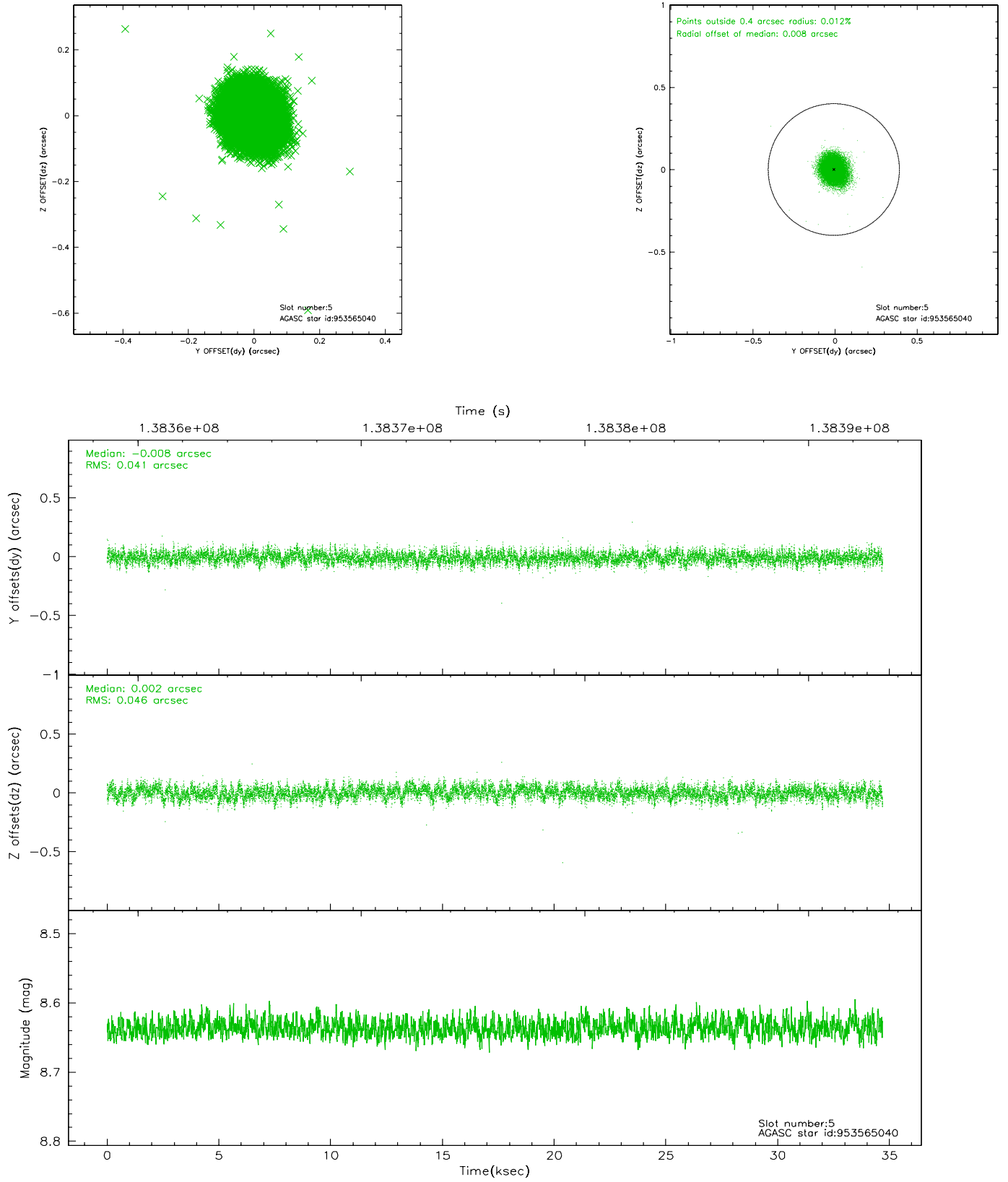
2.4.1 Slot 3



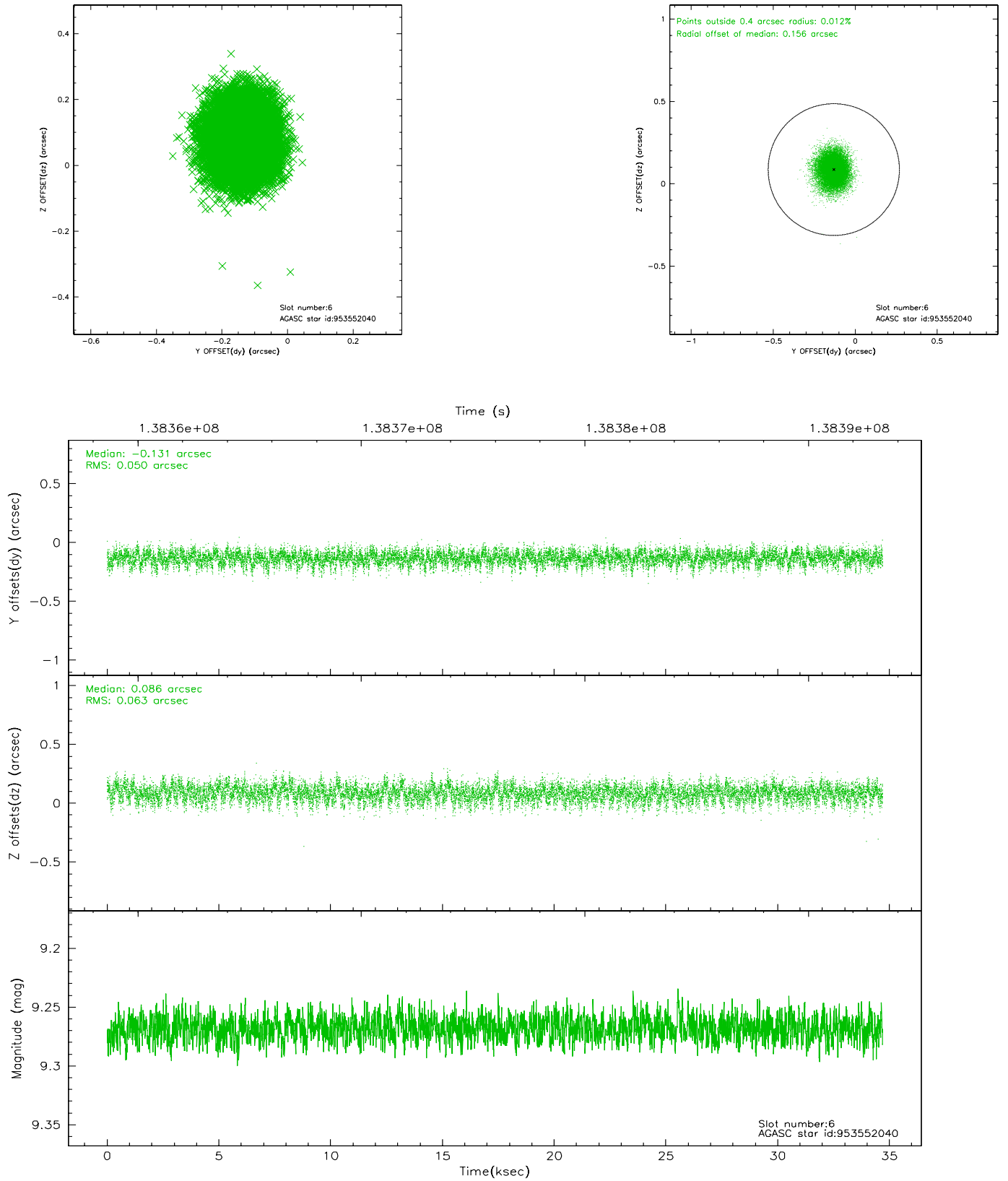
2.4.2 Slot 4



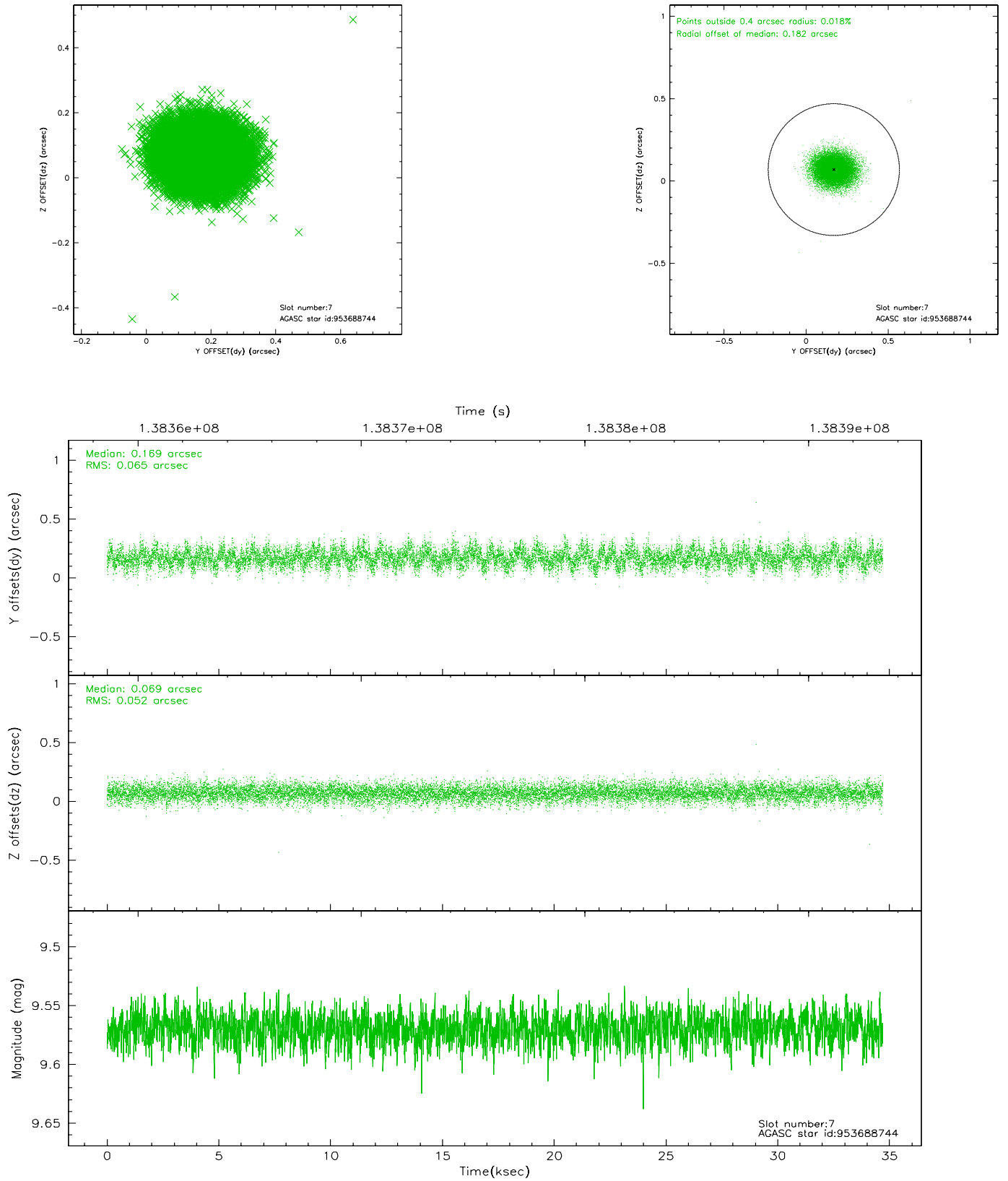
2.4.3 Slot 5



2.4.4 Slot 6

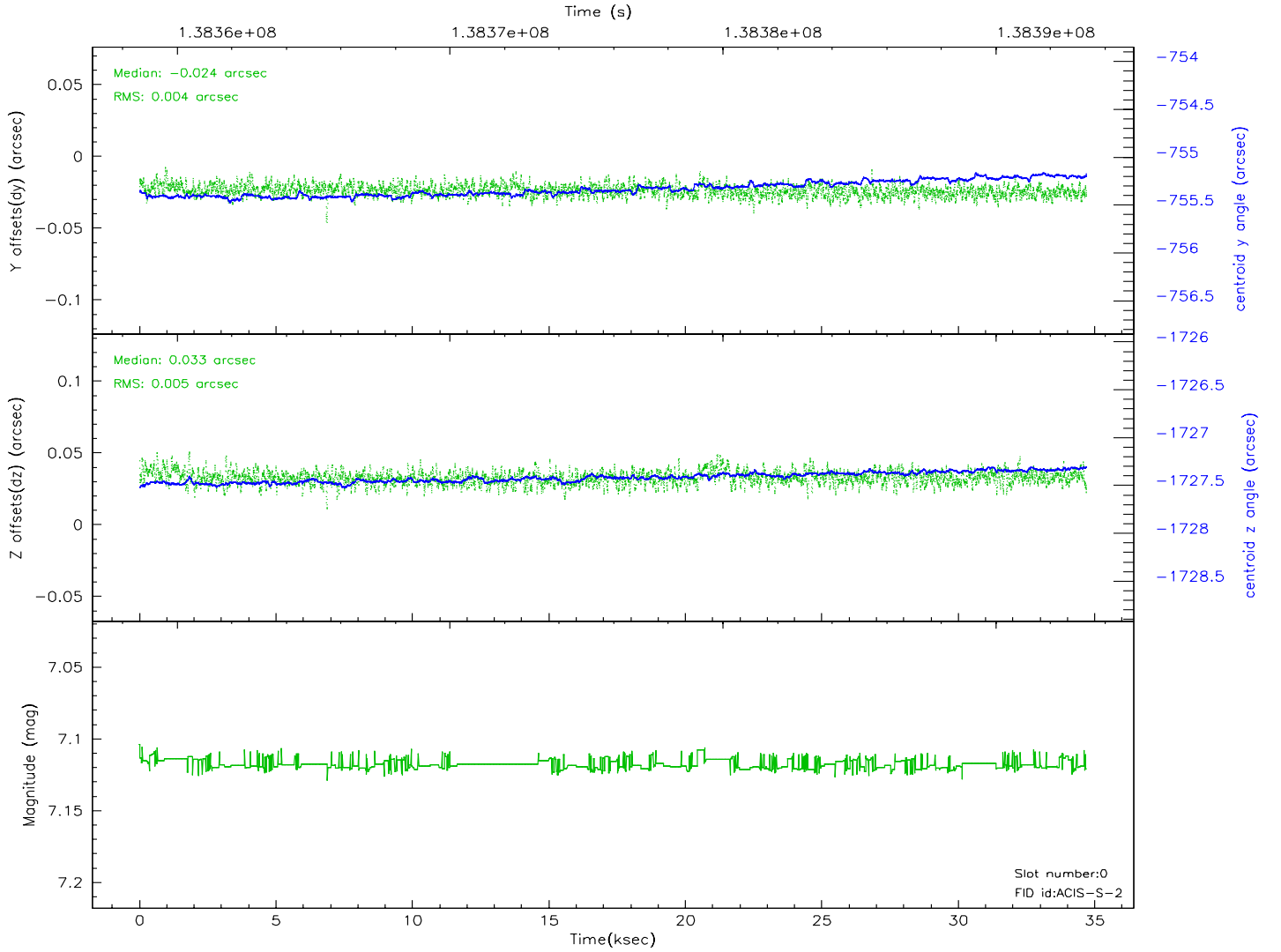
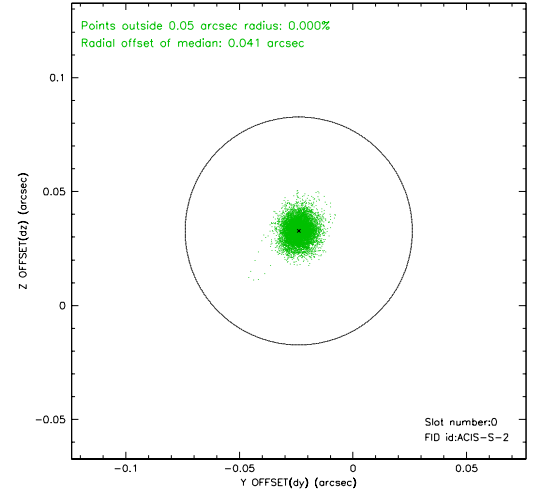
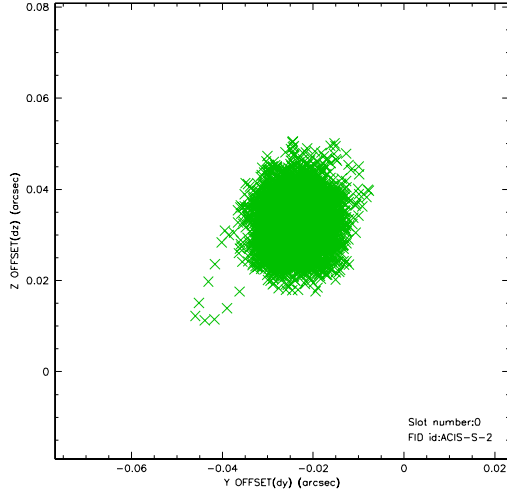


2.4.5 Slot 7

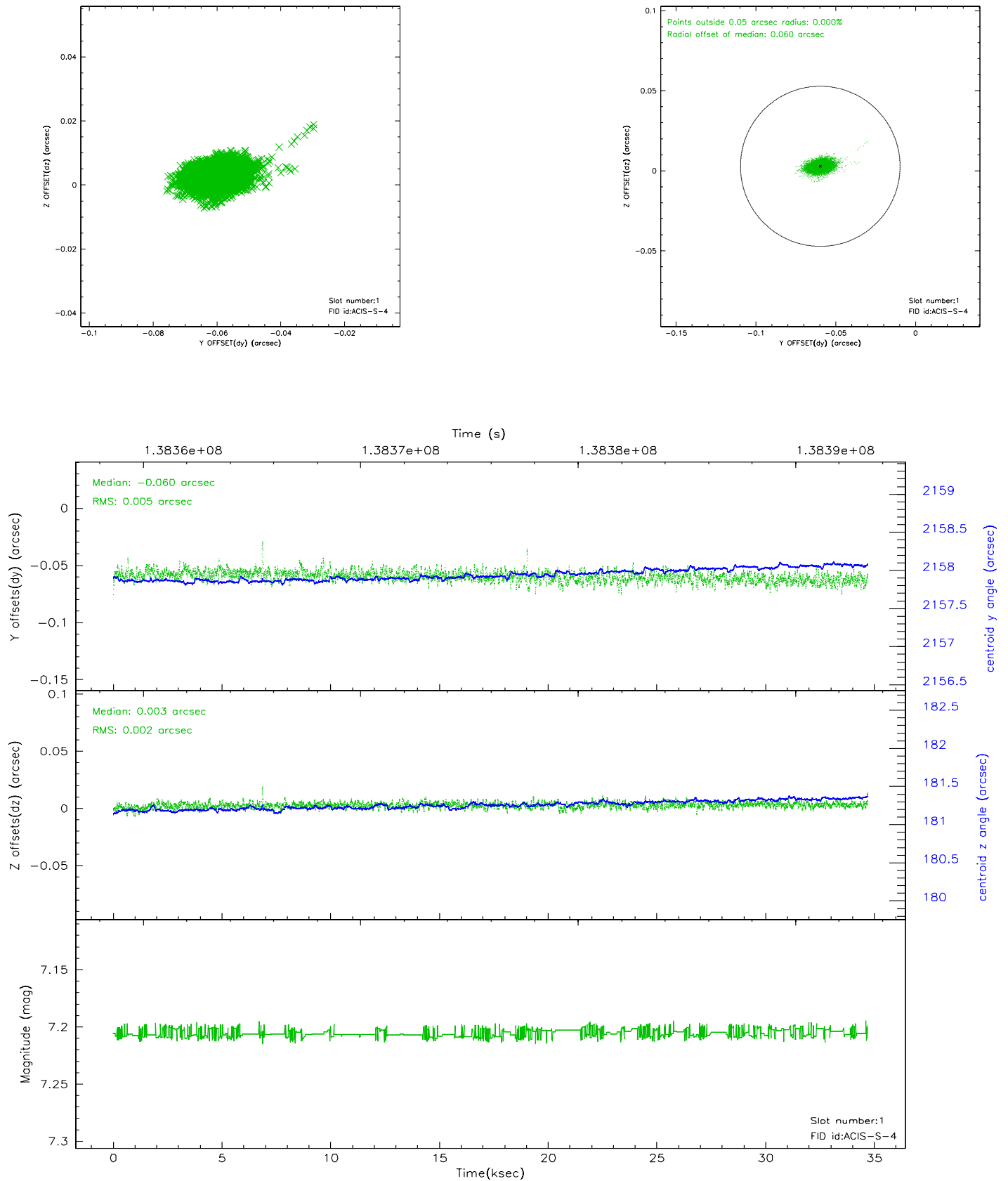


2.5 FID Slots

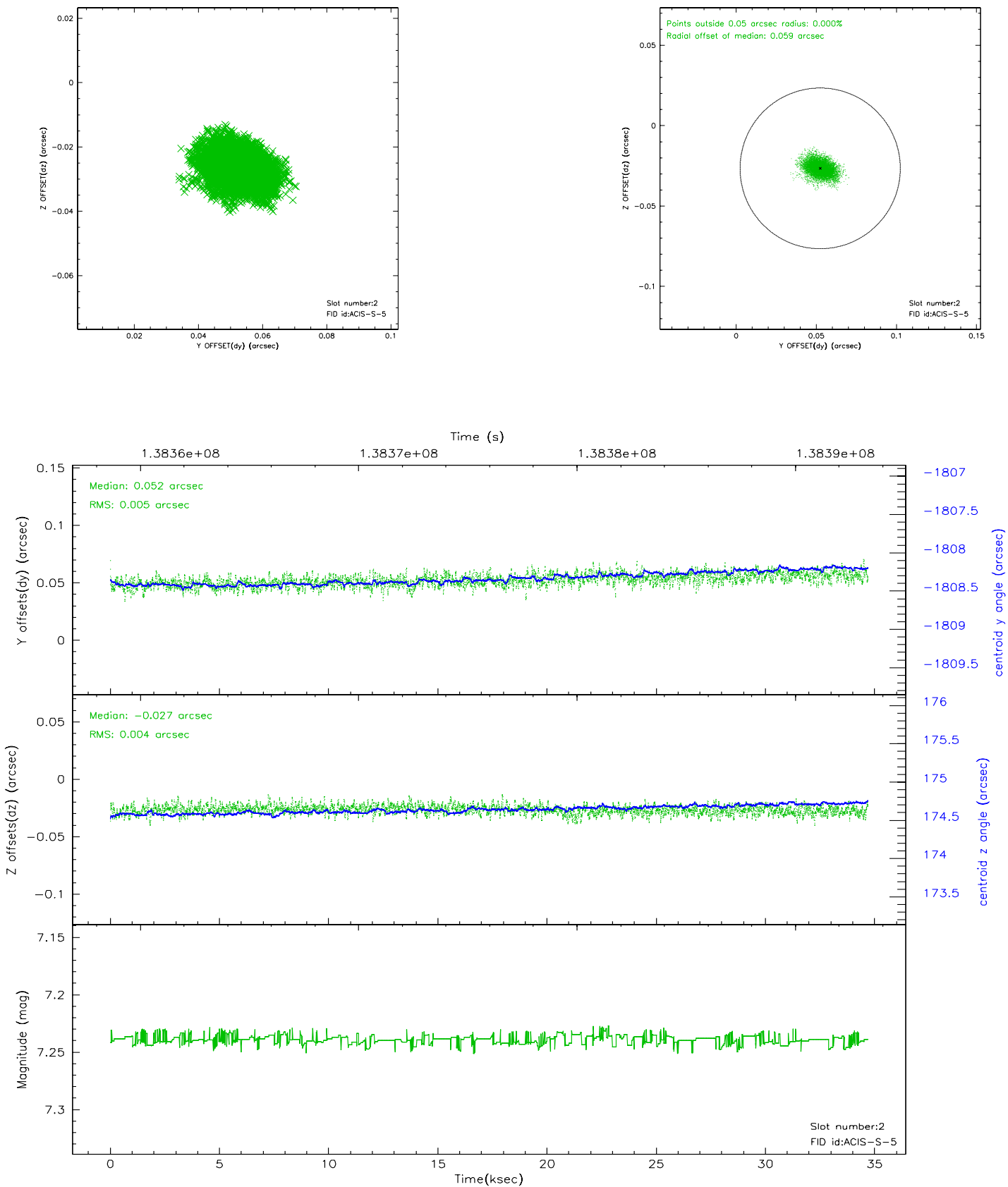
2.5.1 Slot 0



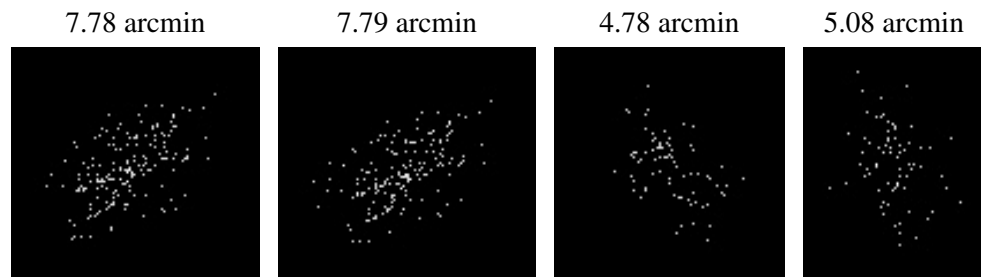
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Doug Morgan
V&V Date (YYYY-MM-DD)	2006.09.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	34.664

A.2 Comments