

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 737 - L2 Version 001
Chandra X-Ray Center

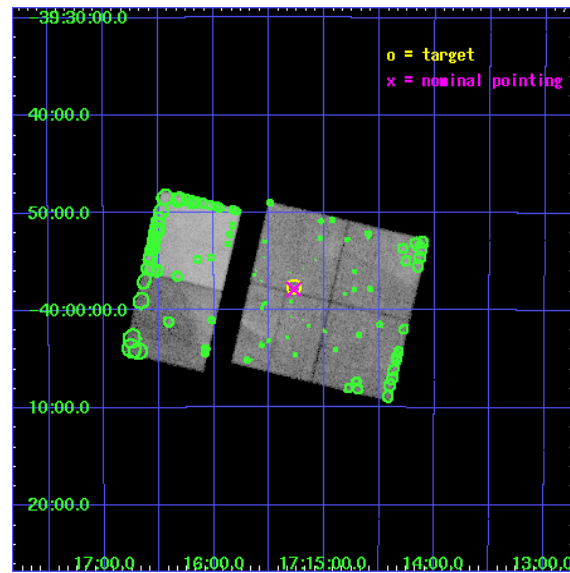
L2 Processing Date : May 31 2007

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1 Front

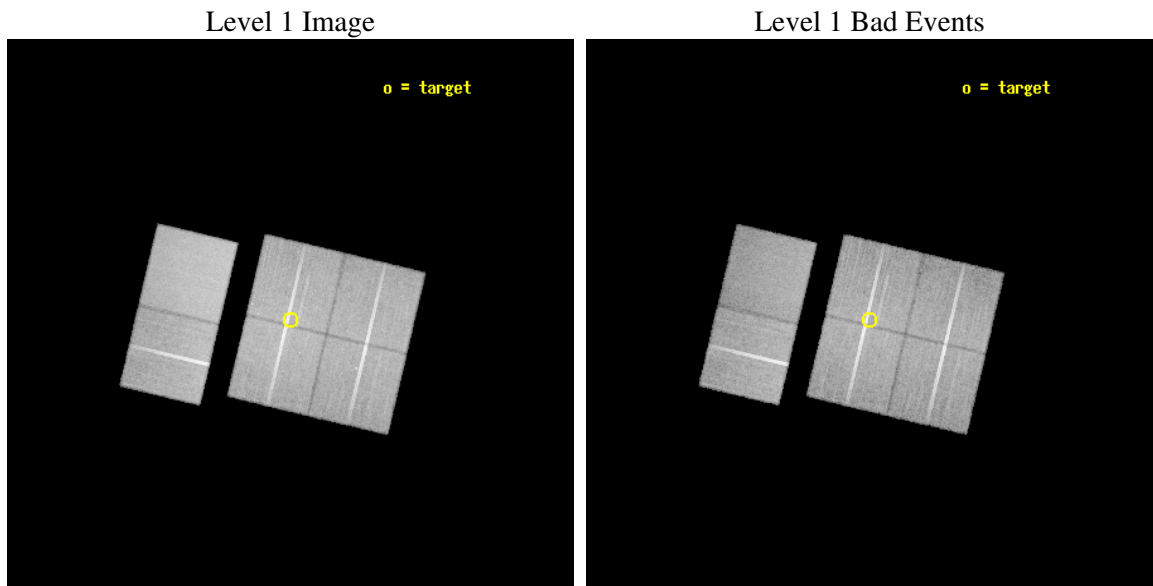
seq_num	500033
obs_id	737
title	AN AXAF STUDY OF THE NONTHERMAL EMISSION IN G347.5-0.5
observer	Dr. Patrick Slane
object	G347.5-0.5
dtcycle	0
cycle	P
ra_targ	258.82
dec_targ	-39.96
ra_nom	258.81892233573
dec_nom	-39.964874291597
roll_nom	283.36168068333
revision	3
ontime	38960.000036284
livetime	38466.665056929
ontime0	38960.000036284
ontime1	38960.000036284
ontime2	38960.000036284
ontime3	38960.000036284
ontime6	38960.000036284
ontime7	38960.000036284
l2events	349173



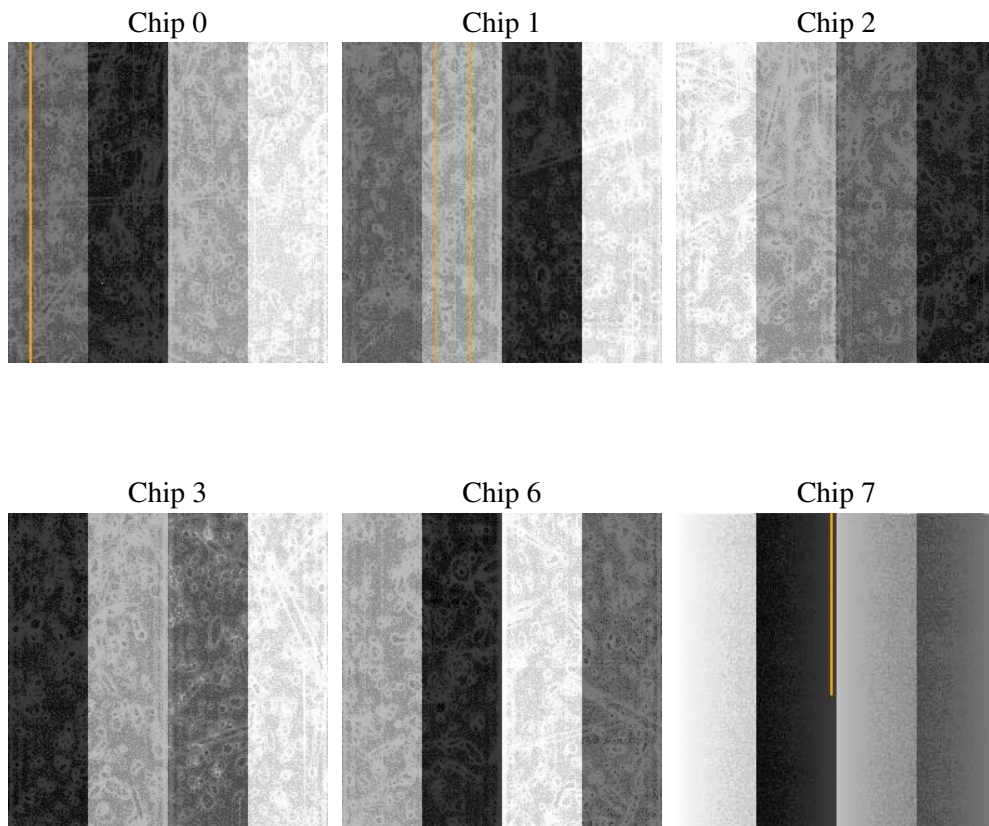
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.10
caldsver	3.4.0
date	2007-05-31T22:55:02
revision	3

sched_exp_time	39000.000000
ontime	38960.000036284
ontime0	38960.000036284
ontime1	38960.000036284
ontime2	38960.000036284
ontime3	38960.000036284
ontime6	38960.000036284
ontime7	38960.000036284
l1events	1476619

2.1.4 Events

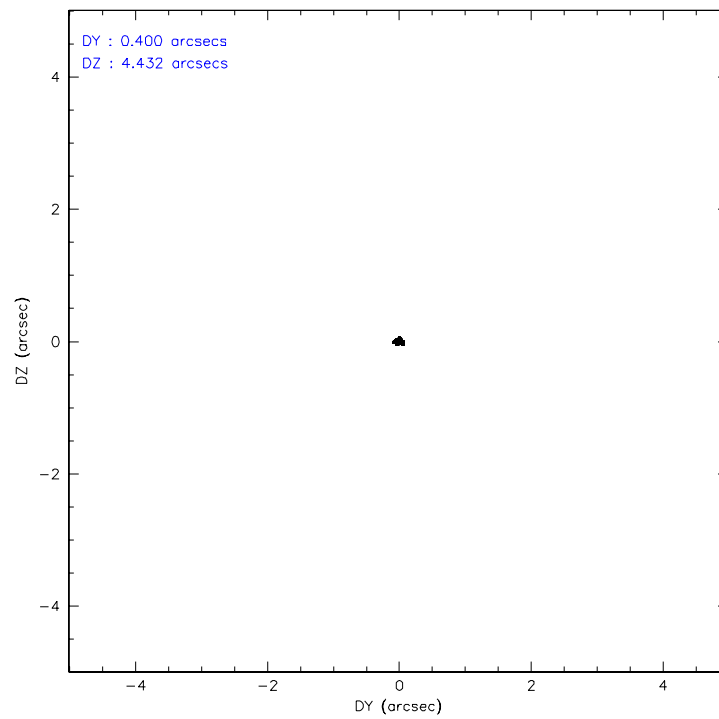
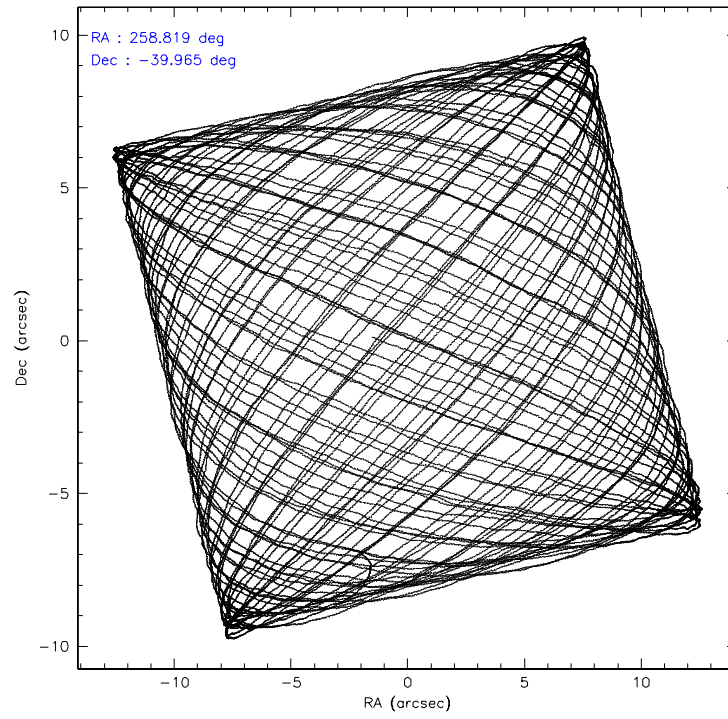
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	218507	230617	249824	244631	237878	295162
rejected events	176039	176190	197746	192998	200805	156392
rejected %	80%	76%	79%	78%	84%	52%

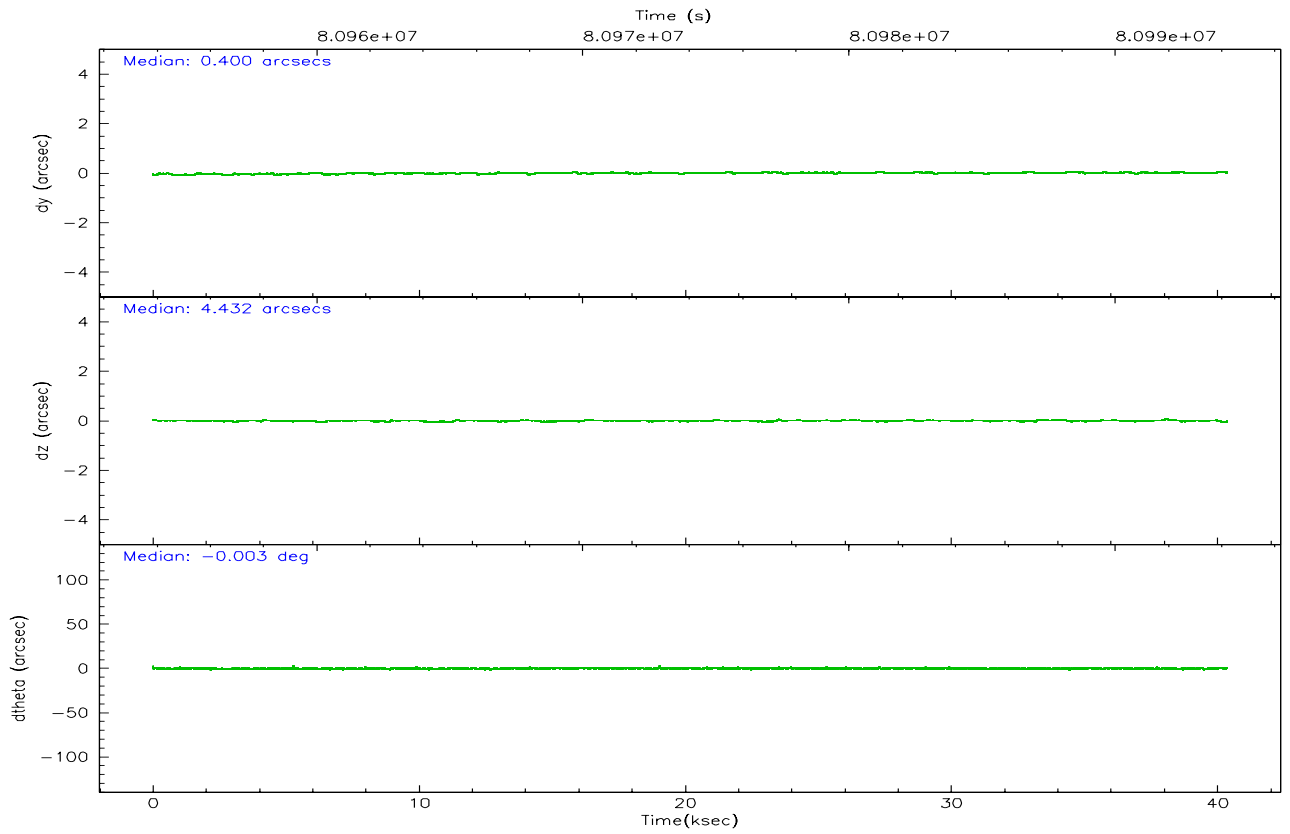
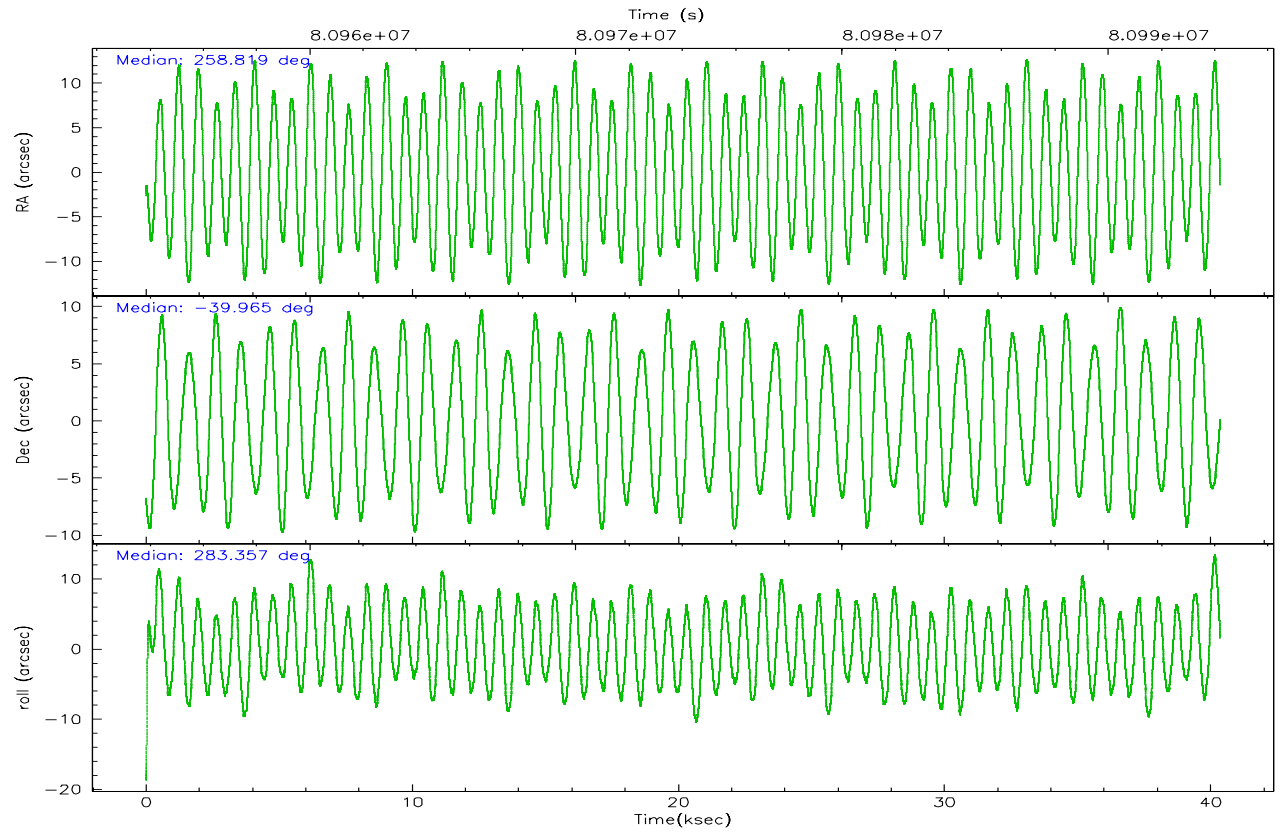
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	24758	33214	32632	32377	19917	17509
	11%	14%	13%	13%	8%	5%
grade 1 events	136	171	179	169	131	253
	0%	0%	0%	0%	0%	0%
grade 2 events	6945	8261	8113	7720	6263	28978
	3%	3%	3%	3%	2%	9%
grade 3 events	3055	3675	3173	3286	2867	13563
	1%	1%	1%	1%	1%	4%
grade 4 events	2868	3647	3314	3315	2778	13327
	1%	1%	1%	1%	1%	4%
grade 5 events	7435	8169	7155	7927	9032	26074
	3%	3%	2%	3%	3%	8%
grade 6 events	4843	5636	4847	4943	5250	65399
	2%	2%	1%	2%	2%	22%
grade 7 events	168467	167844	190411	184894	191640	130059
	77%	72%	76%	75%	80%	44%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-012367	ACIS-012367	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	258.794361	258.8189223357288	Subarray requested	NONE	NONE
Pointing Dec	-39.944747	-39.96487429159725	Alternating exposures requested	N	N
Pointing Roll	283.137231	283.3616806833286	Primary exposure time	3.200000	3.2
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-223.592463	-223.5930311371277			
SIM translation stage offset (mm)	-10	-9.999421865801992			
Observation start time	80955208.184000	80953662.25701199			
Observation start date	2000-07-25T23:32:24	2000-07-25T23:07:42			
Observation end time	80994208.184000	80994633.04603501			
Observation end date	2000-07-26T10:22:24	2000-07-26T10:30:33			
Read mode	TIMED	TIMED			

2.3 Aspect



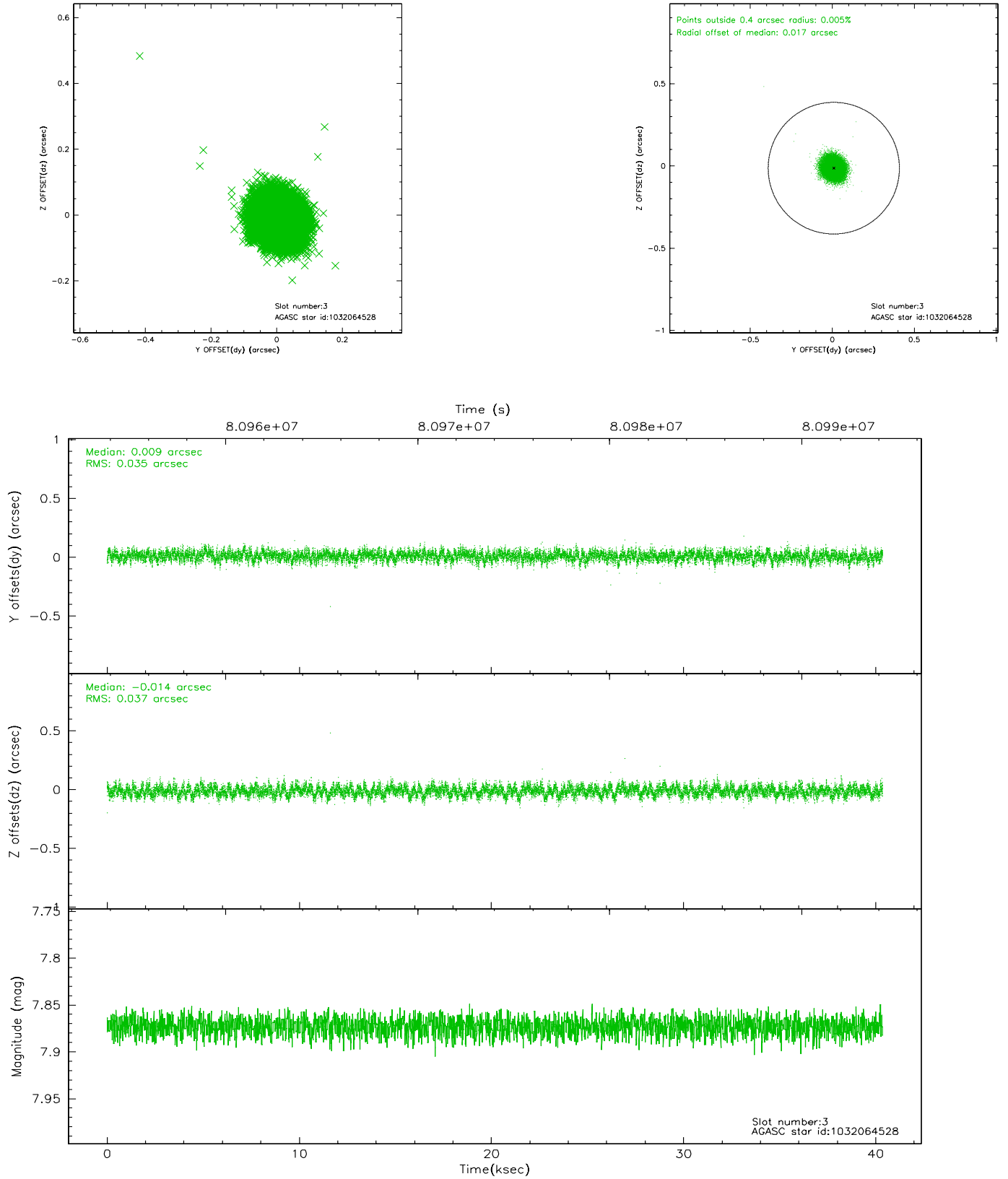


Slot Statistics

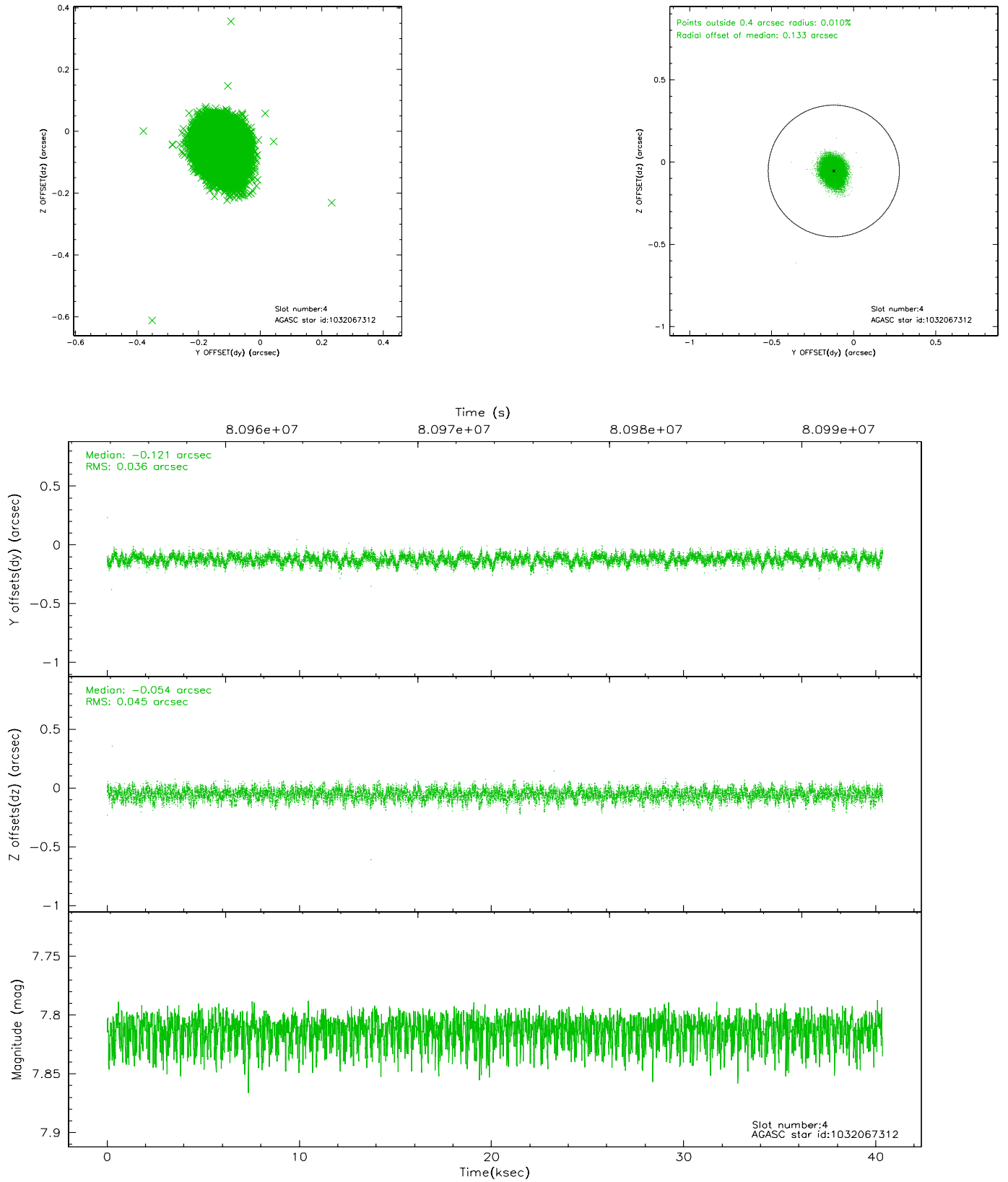
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.22	9845	0.083	-0.133	0.008	0.014	0.000000	0.000000	939.39	-1033.18
1	FID	ACIS-I-4	7.15	9844	-0.125	0.076	0.008	0.013	0.000000	0.000000	2158.63	868.09
2	FID	ACIS-I-5	7.23	9845	-0.056	0.127	0.006	0.011	0.000000	0.000000	-1808.77	864.68
3	GUIDE	1032064528	7.87	19688	0.009	-0.014	0.054	0.086	259.076580	-39.610595	-992.28	1036.02
4	GUIDE	1032067312	7.81	19689	-0.121	-0.054	0.061	0.098	258.048957	-39.760316	-1106.94	-1859.26
5	GUIDE	1032064704	8.53	19689	0.026	-0.042	0.058	0.095	258.960381	-39.623855	-1019.86	711.30
6	GUIDE	1032067112	9.75	19686	0.116	0.024	0.090	0.147	259.037898	-39.997002	336.92	611.93
7	GUIDE	1032067968	10.04	19672	-0.028	0.086	0.149	0.242	259.136699	-40.503071	2172.23	456.37

2.4 Star Slots

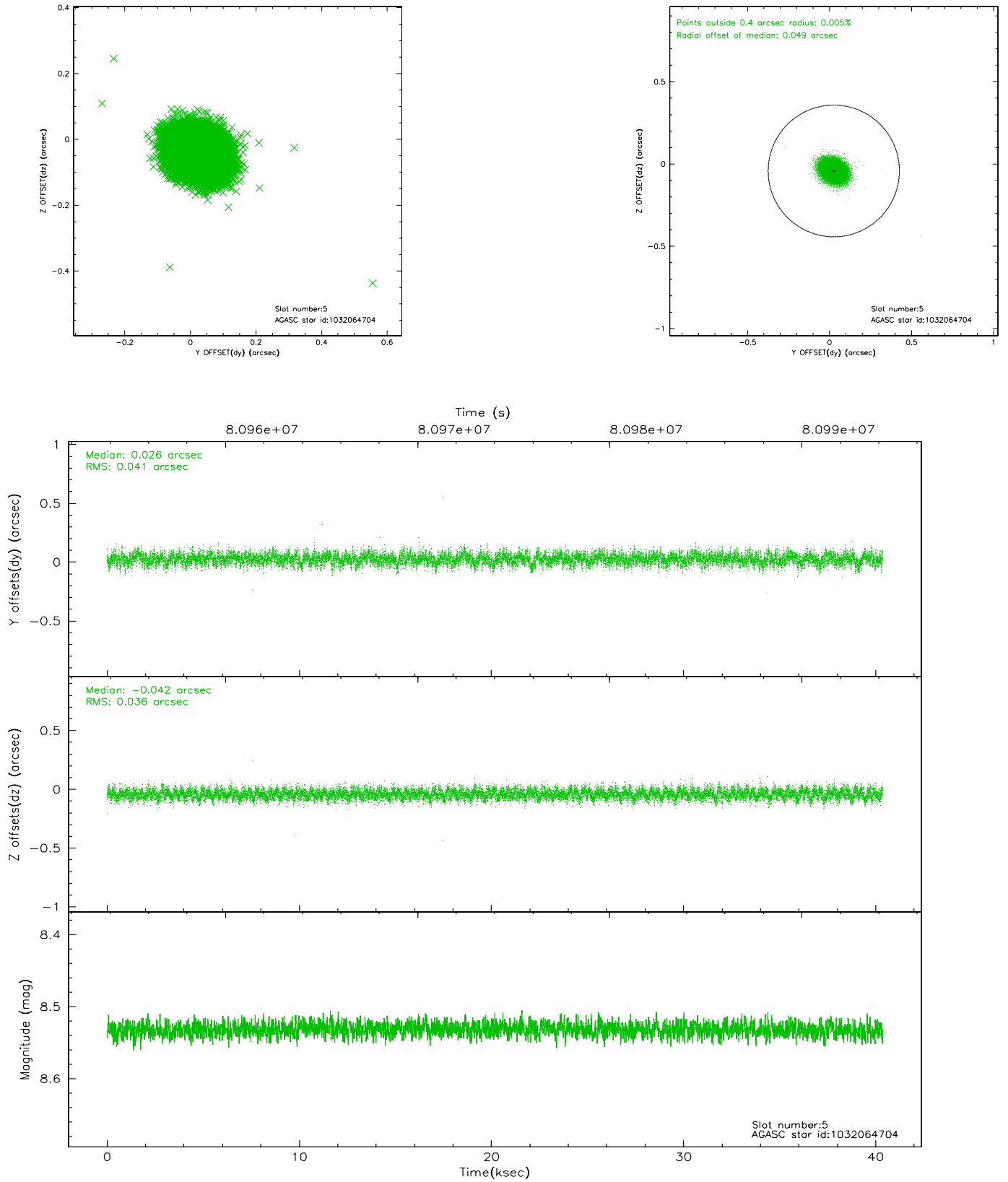
2.4.1 Slot 3



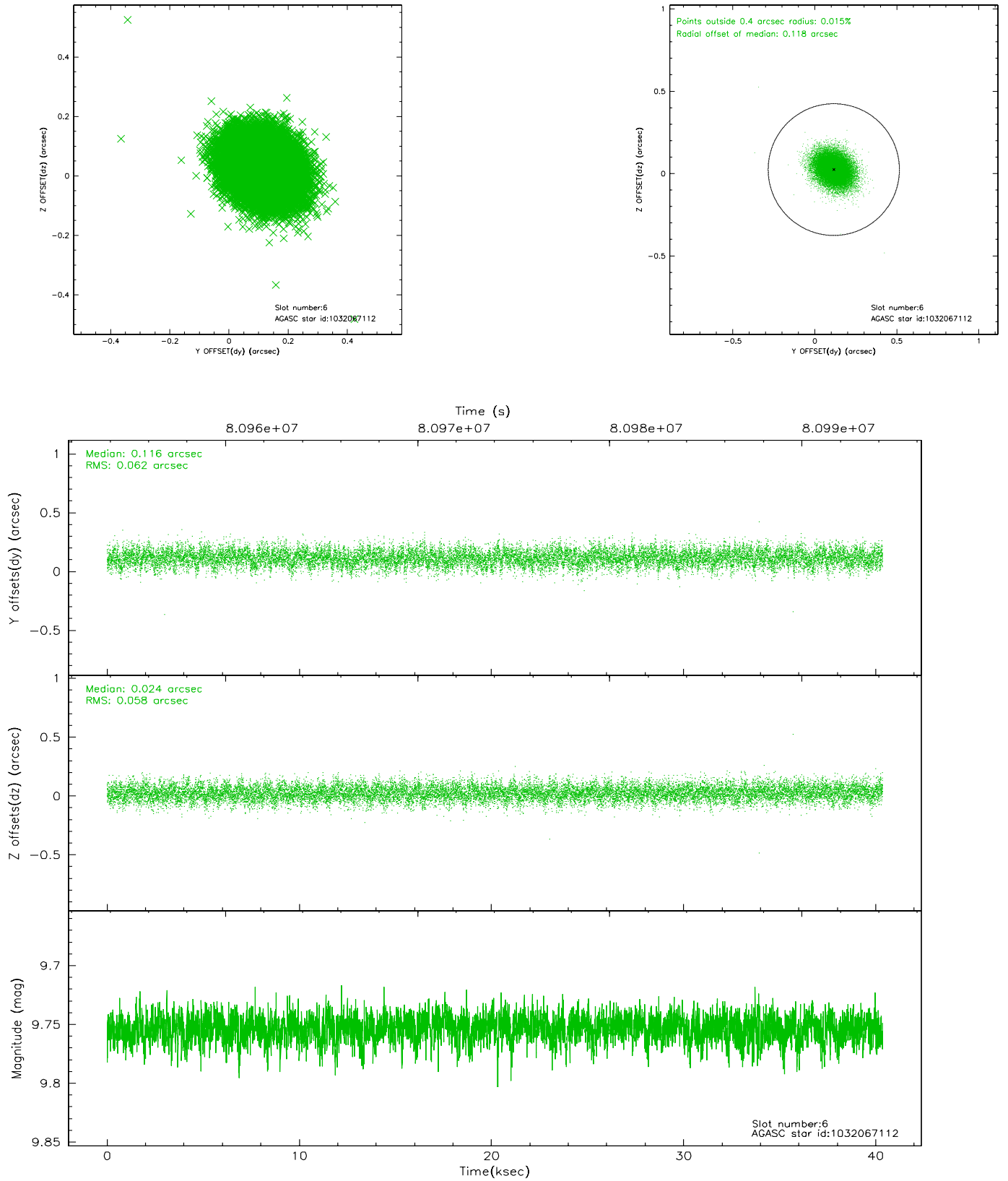
2.4.2 Slot 4



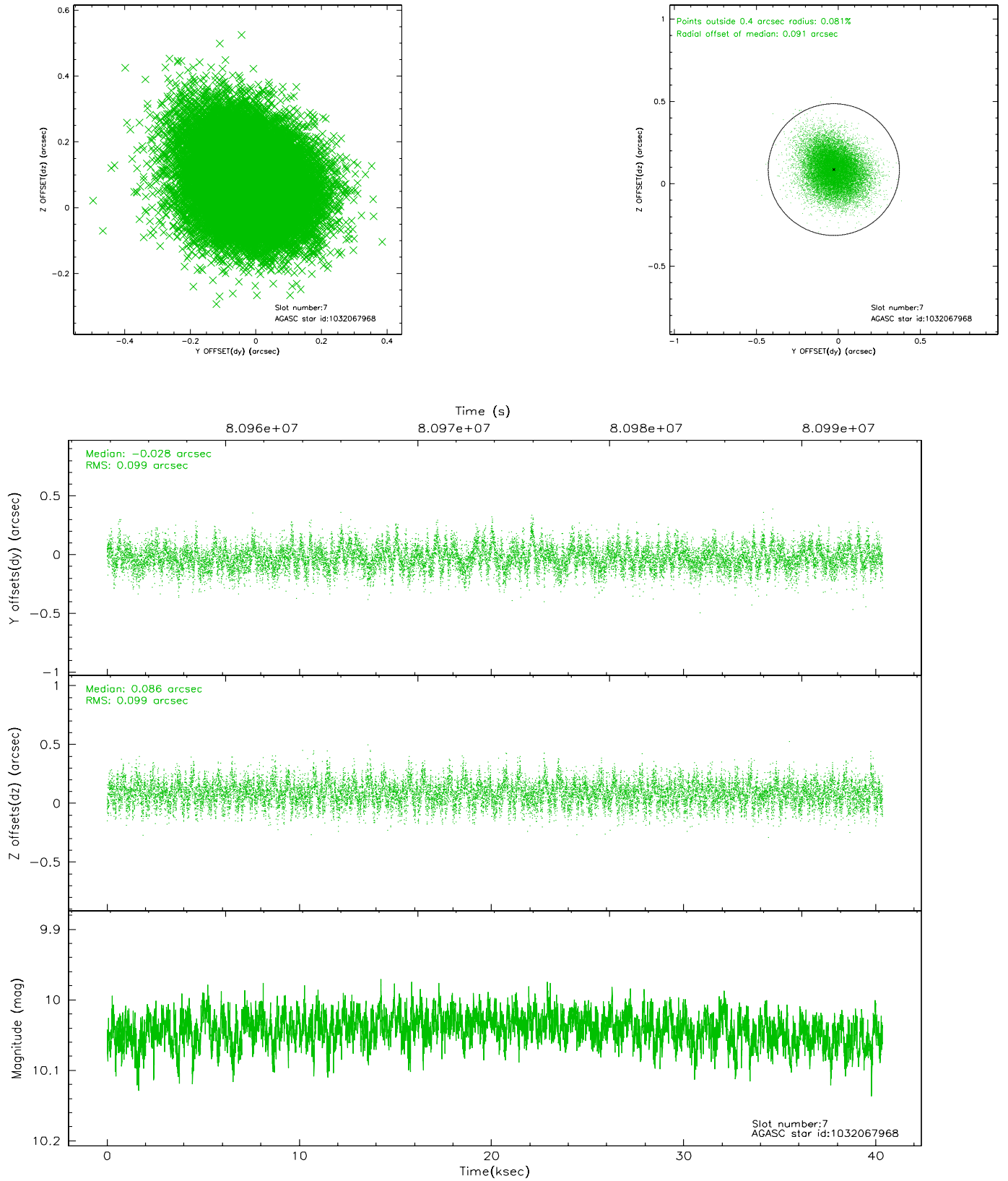
2.4.3 Slot 5



2.4.4 Slot 6

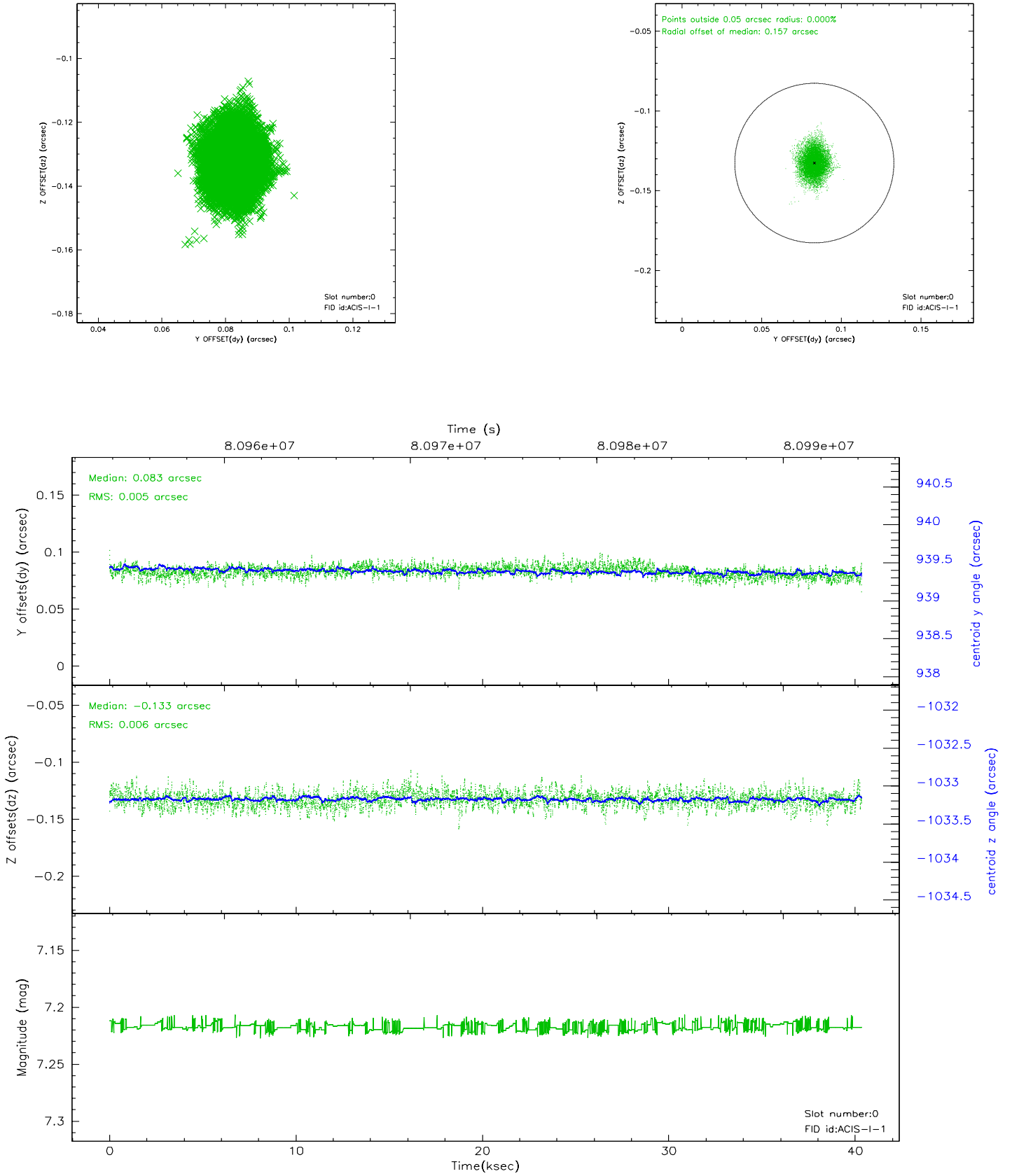


2.4.5 Slot 7

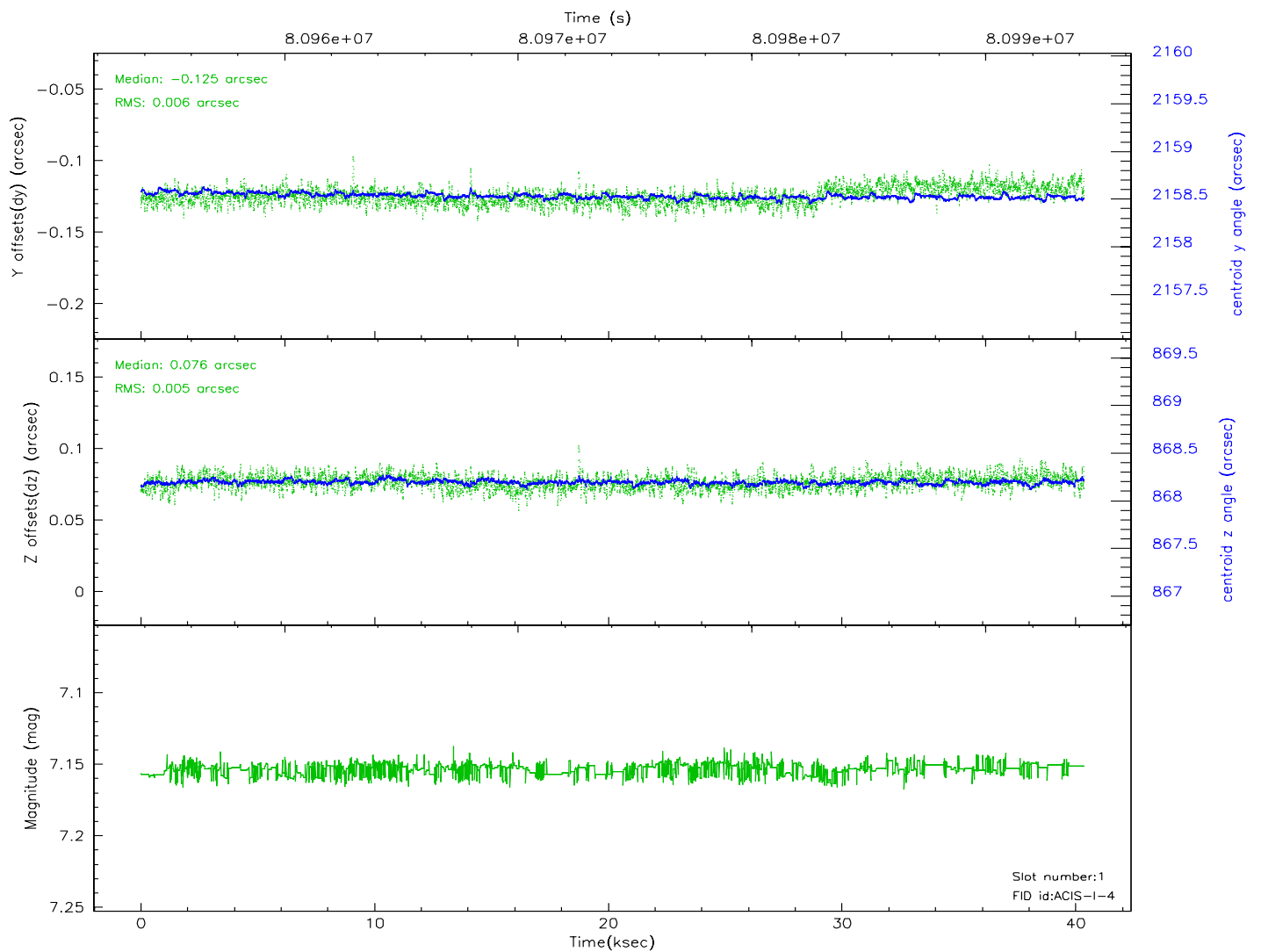
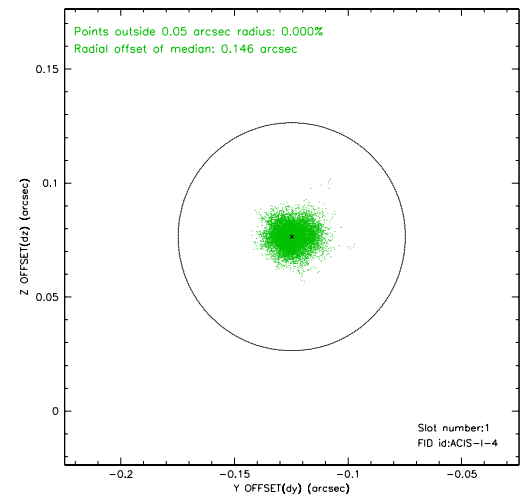
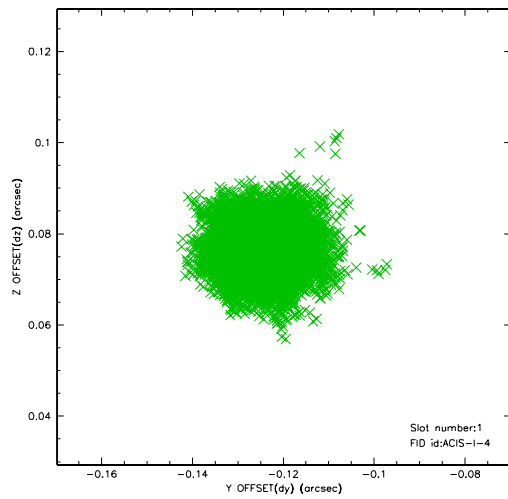


2.5 FID Slots

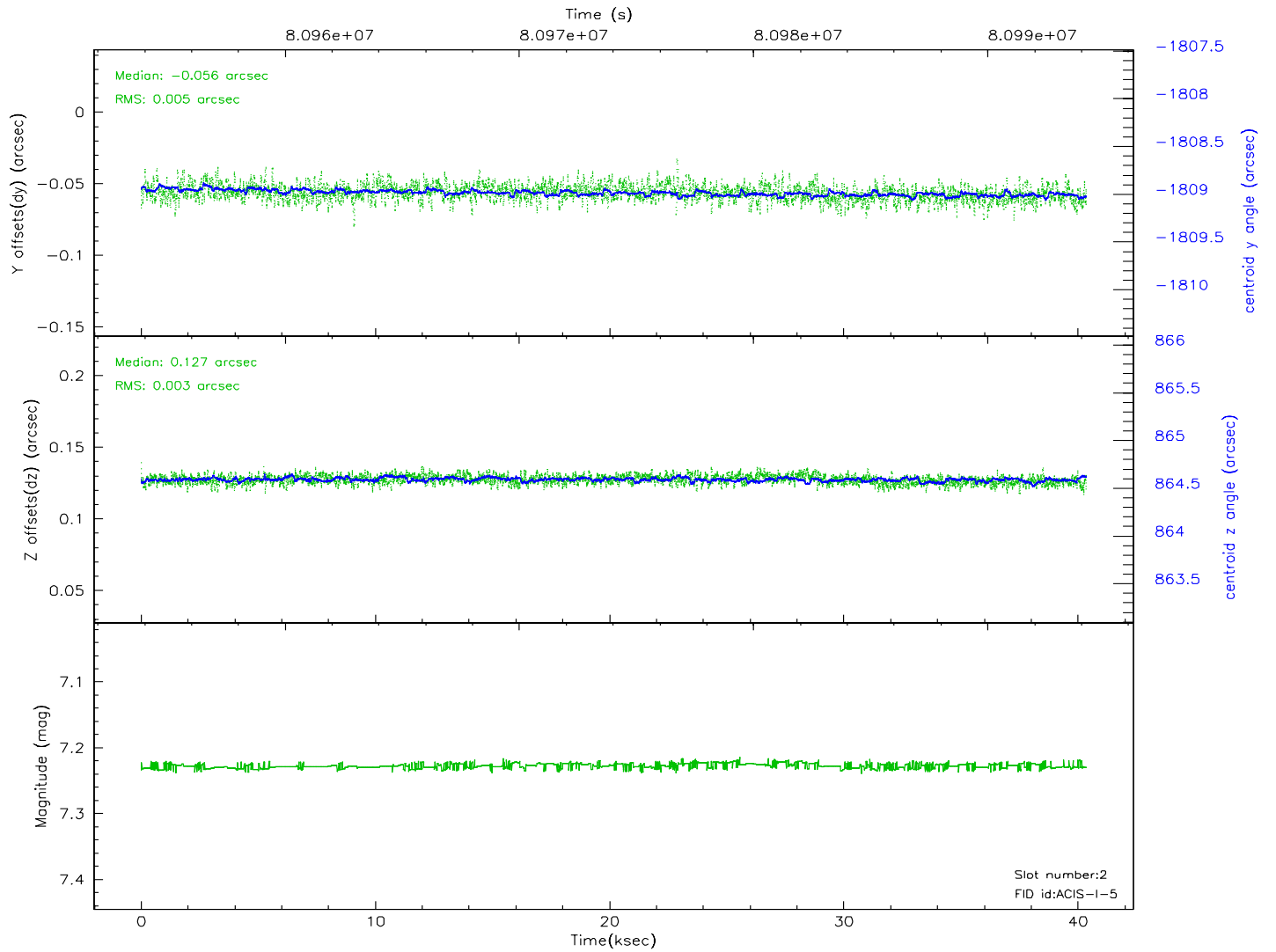
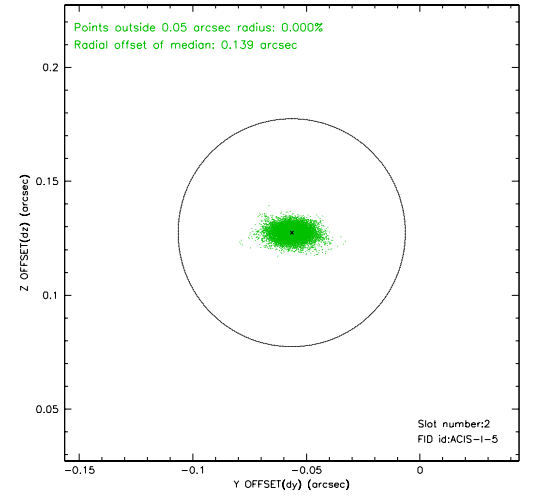
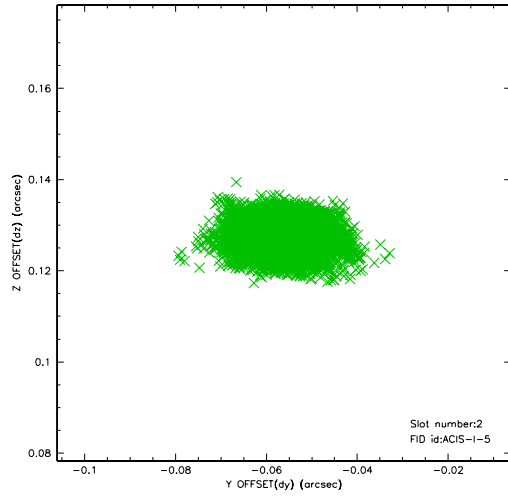
2.5.1 Slot 0



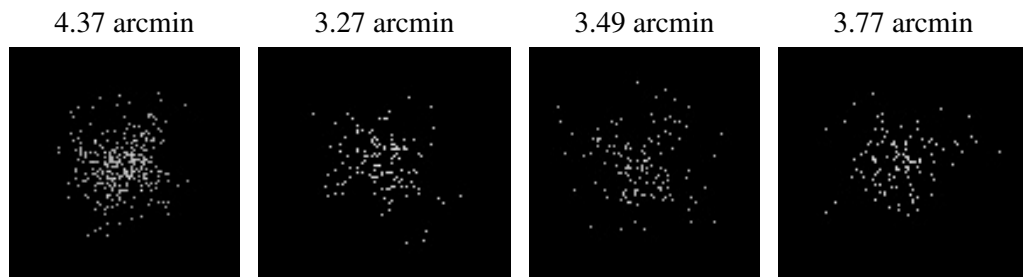
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2007.06.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	38.963

A.2 Comments