

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2566 - L2 Version 001
Chandra X-Ray Center

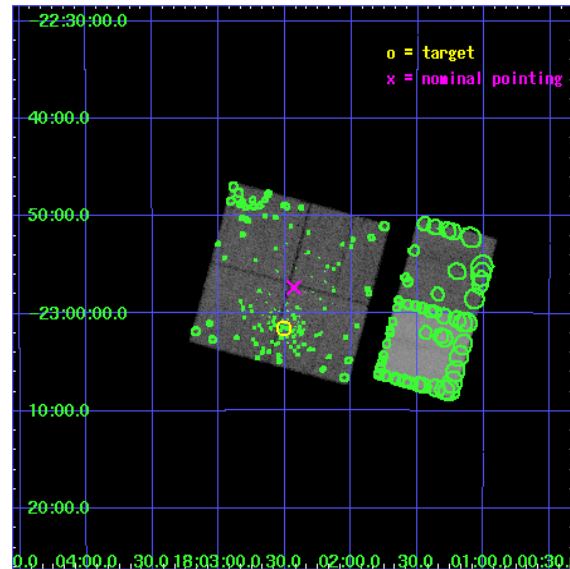
L2 Processing Date : Sep 19 2006

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1 Front

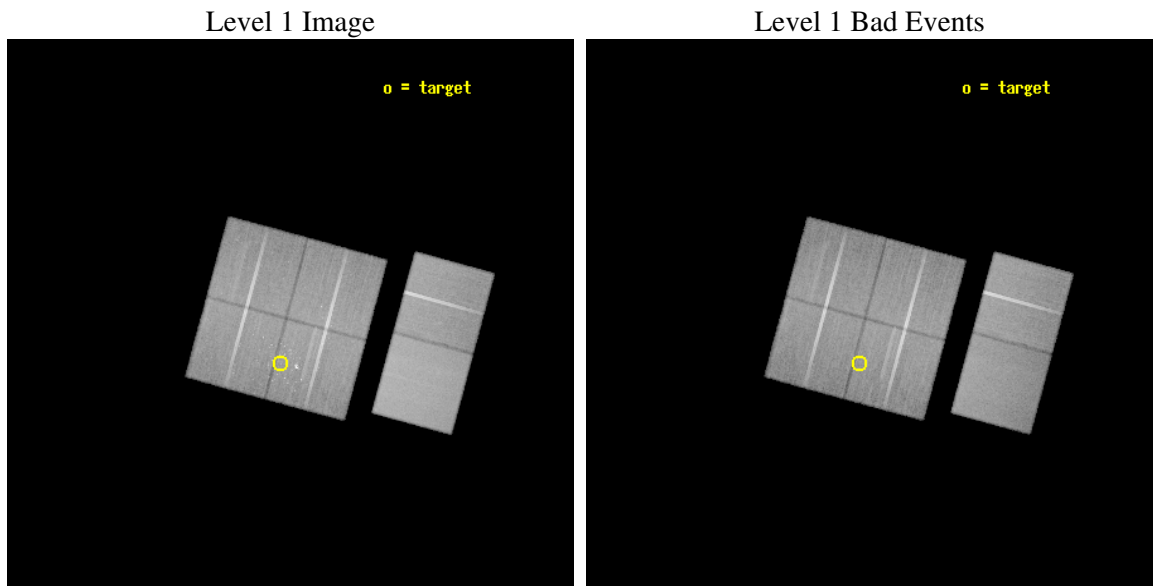
seq_num	200174
obs_id	2566
title	STAR FORMATION AND MYSTERIOUS HARD X-RAY EMISSION IN THE VERY YOUNG HII REGION, TRIFID NEBULA
observer	Dr. Jeonghee Rho
object	TRIFID NEBULA
dtcycle	0
cycle	P
ra_targ	270.626279
dec_targ	-23.024833
ra_nom	270.60823392122
dec_nom	-22.955821731997
roll_nom	105.20163994562
revision	2
ontime	58806.399780929
livetime	58061.75773794
ontime0	58806.399780929
ontime1	58806.399780929
ontime2	58806.399780929
ontime3	58806.399780929
ontime6	58806.399780929
ontime7	58806.399780929
l2events	411763



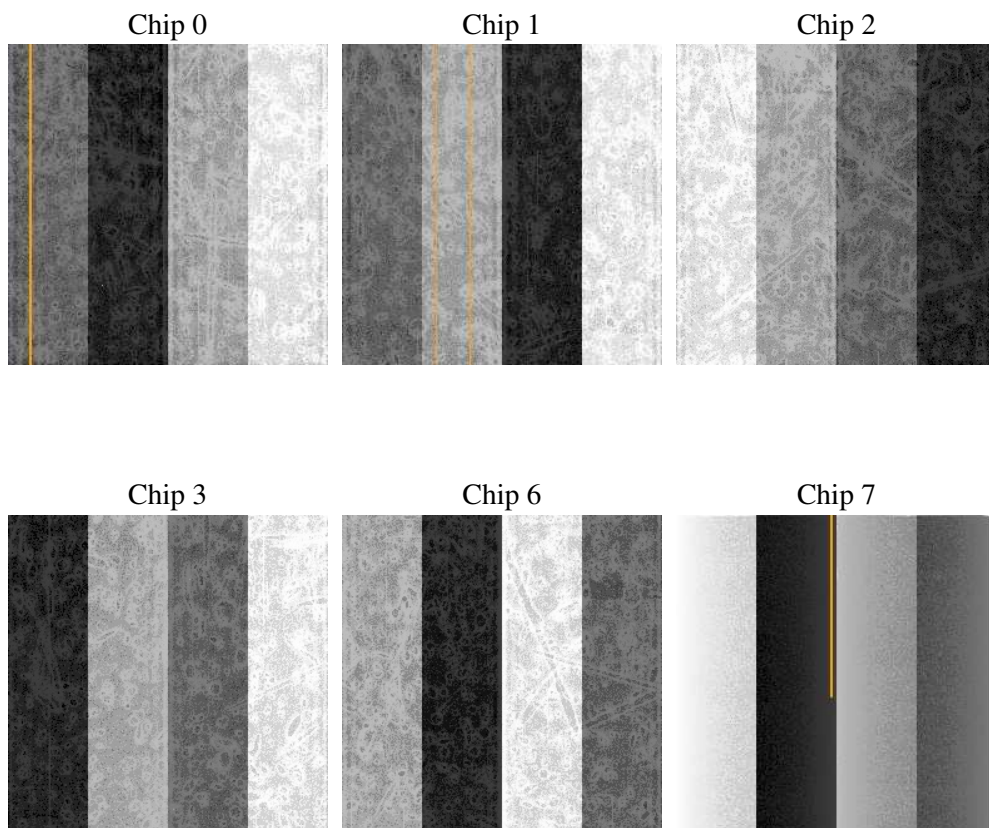
2 OBI

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	2006-09-19T14:12:13
revision	2

sched_exp_time	59000.000000
ontime	58811.28879571
ontime0	58811.28879571
ontime1	58811.28879571
ontime2	58811.28879571
ontime3	58811.28879571
ontime6	58811.28879571
ontime7	58811.288815647
l1events	2329438

2.1.4 Events

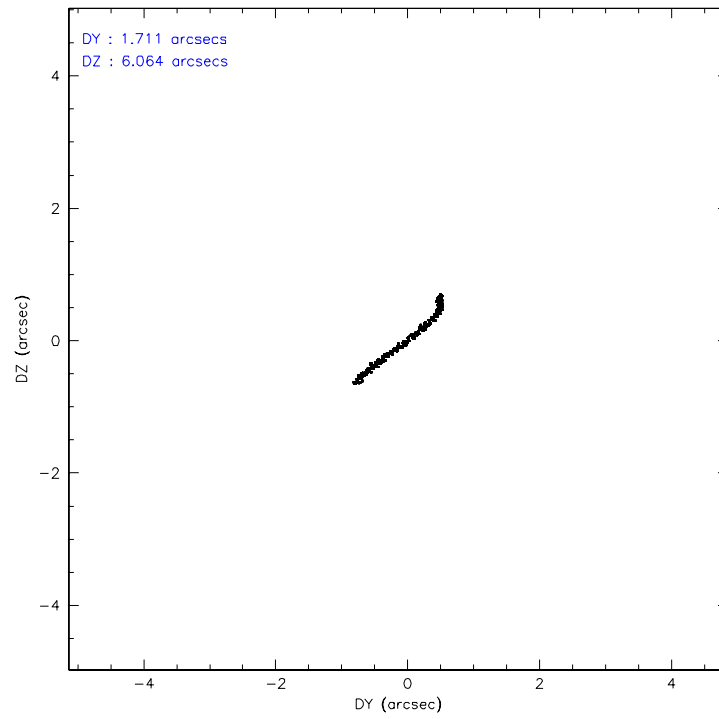
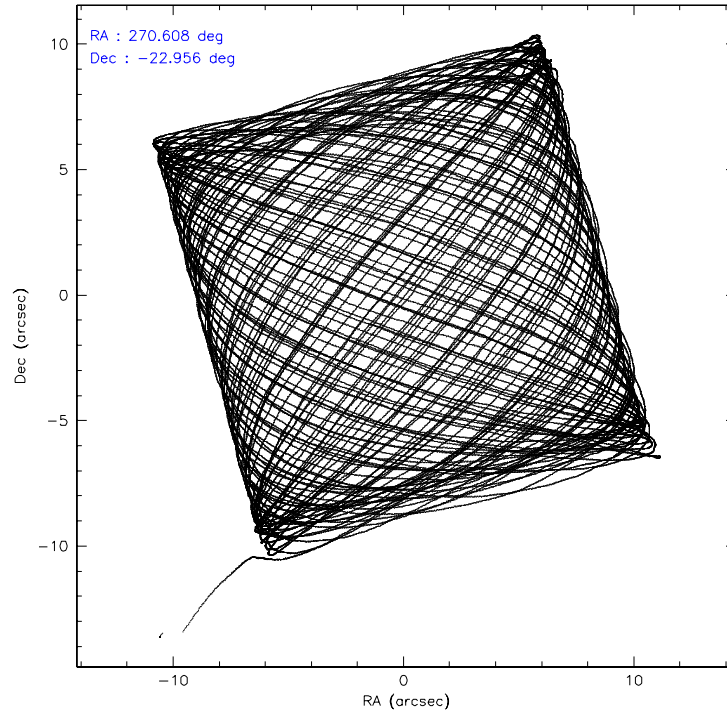
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	343501	350691	367684	380239	394874	492449
rejected events	292452	296694	320555	323177	347014	300643
rejected %	85%	84%	87%	84%	87%	61%

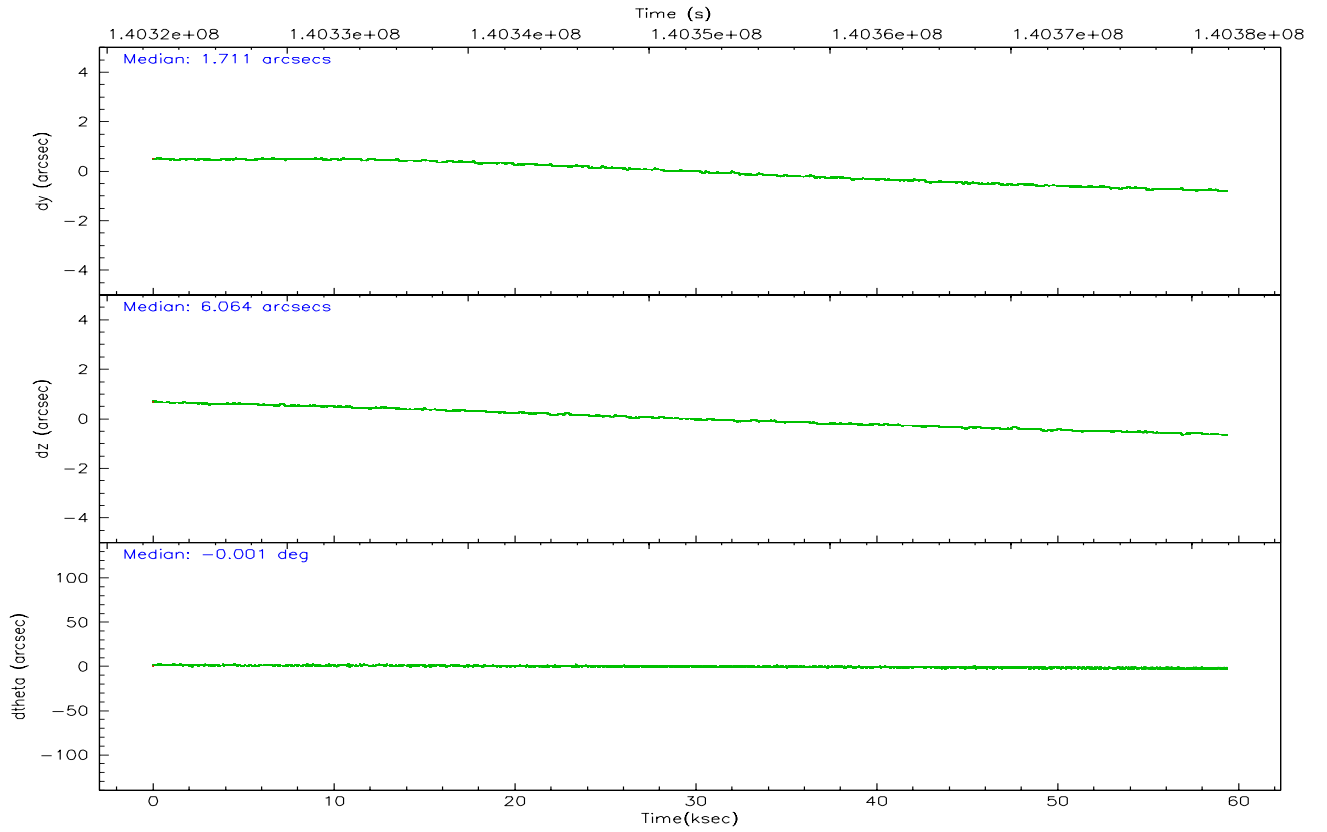
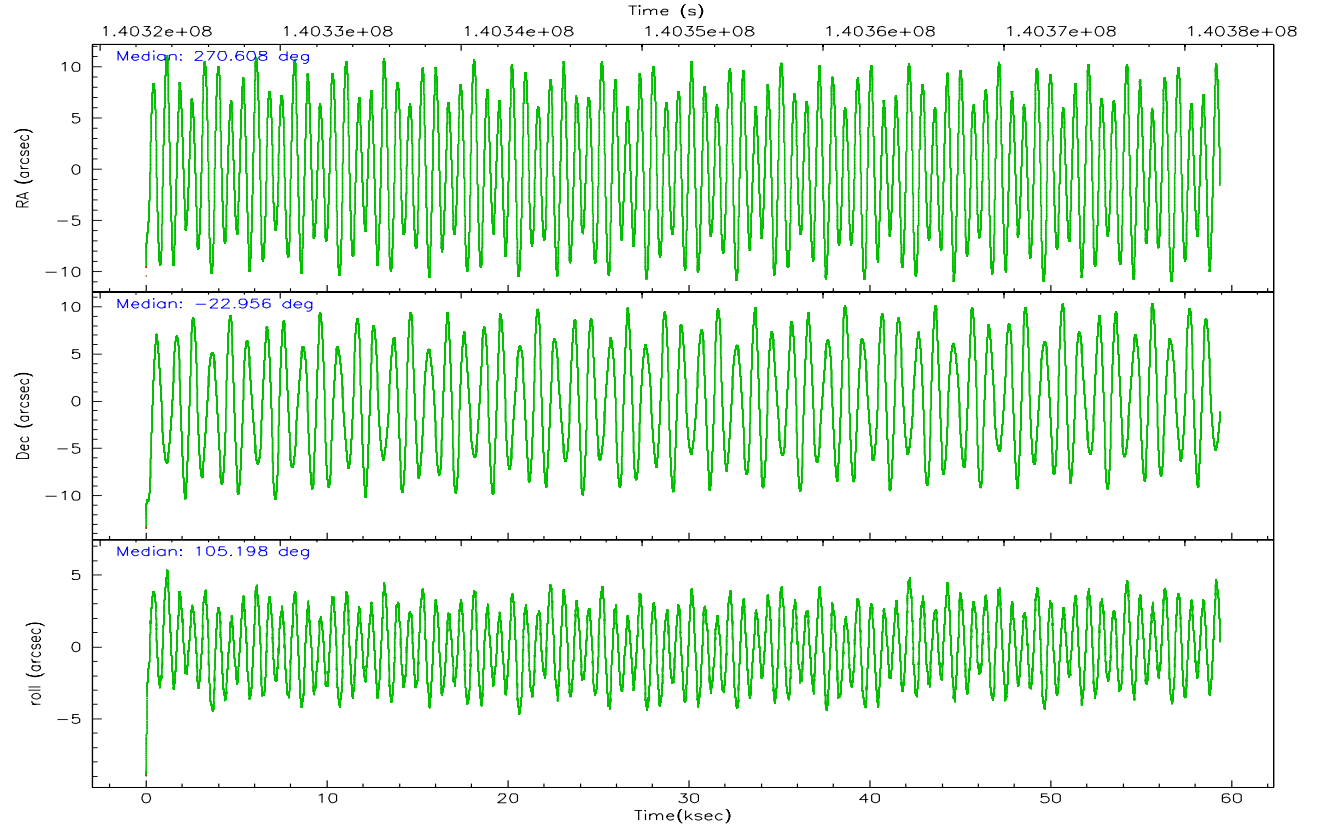
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	24191	24758	21539	29888	20605	12360
	7%	7%	5%	7%	5%	2%
grade 1 events	195	188	165	250	210	269
	0%	0%	0%	0%	0%	0%
grade 2 events	10263	10280	9966	10095	9566	47496
	2%	2%	2%	2%	2%	9%
grade 3 events	4567	4988	4059	4562	4320	10269
	1%	1%	1%	1%	1%	2%
grade 4 events	4142	4957	4046	4353	4357	10007
	1%	1%	1%	1%	1%	2%
grade 5 events	13686	14892	12905	15144	16775	32807
	3%	4%	3%	3%	4%	6%
grade 6 events	7889	9018	7524	8167	9014	111682
	2%	2%	2%	2%	2%	22%
grade 7 events	278568	281610	307480	307780	330027	267559
	81%	80%	83%	80%	83%	54%

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	270.629407	270.6082339212184	Subarray requested	NONE	NONE
Pointing Dec	-22.975057	-22.95582173199697	Alternating exposures requested	N	N
Pointing Roll	105.001220	105.2016399456175	Primary exposure time	0.000000	3.2
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-233.592463	-233.5874344608287			
SIM translation stage offset (mm)	0	-0.005018542100998502			
Observation start time	140322933.184000	140321869.07062			
Observation start date	2002-06-13T02:34:29	2002-06-13T02:17:49			
Observation end time	140381933.184000	140382765.86061			
Observation end date	2002-06-13T18:57:49	2002-06-13T19:12:45			
Read mode	TIMED	TIMED			

2.3 Aspect



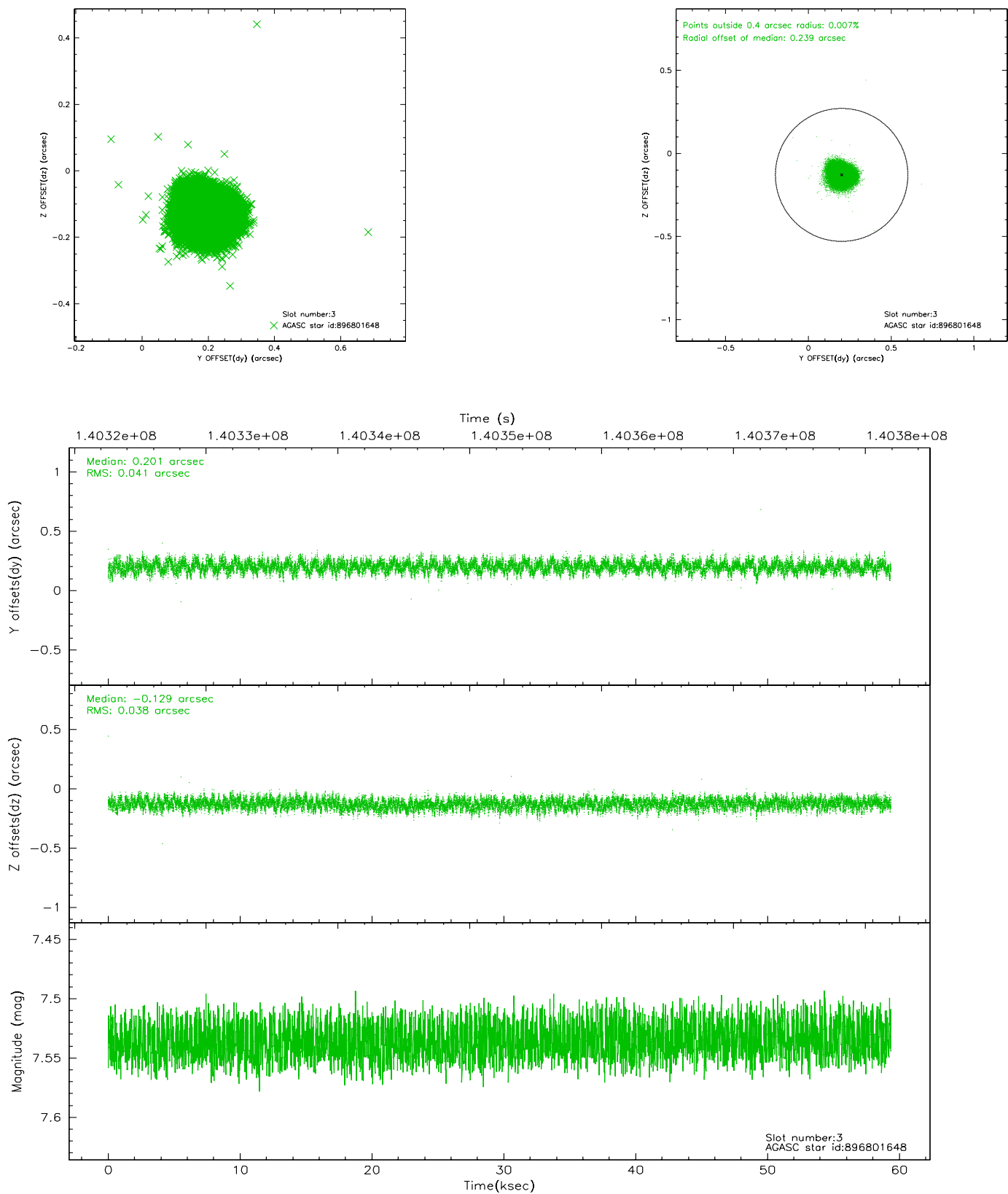


Slot Statistics

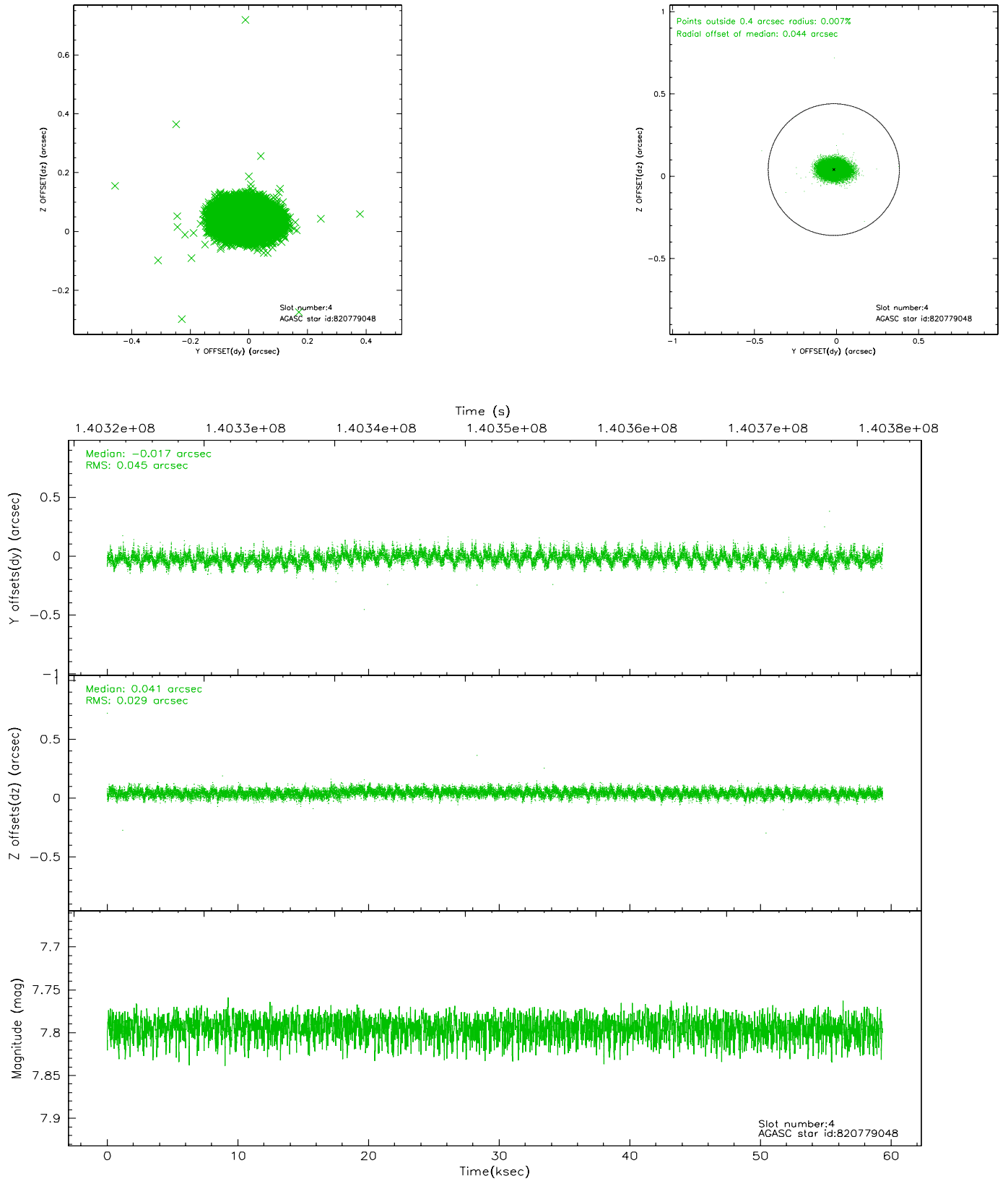
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	14480	-0.033	0.043	0.014	0.024	0.000000	0.000000	938.11	-829.42
1	FID	ACIS-I-5	7.24	14480	-0.027	0.027	0.015	0.021	0.000000	0.000000	-1809.98	1068.11
2	FID	ACIS-I-6	7.26	14480	-0.031	0.002	0.018	0.027	0.000000	0.000000	403.74	1712.51
3	GUIDE	896801648	7.54	28962	0.201	-0.129	0.060	0.094	270.982903	-22.837451	174.60	-1261.24
4	GUIDE	820779048	7.79	28959	-0.017	0.041	0.055	0.094	269.859633	-22.466909	2424.12	2001.65
5	GUIDE	896803072	8.33	28956	-0.018	0.105	0.061	0.097	270.931838	-23.439241	-1872.82	-532.41
6	GUIDE	896666760	8.74	28894	-0.195	-0.158	0.061	0.098	269.948393	-22.632408	1772.60	1867.36
7	GUIDE	896809120	8.40	28959	0.029	0.143	0.060	0.096	270.870273	-23.418775	-1748.67	-355.24

2.4 Star Slots

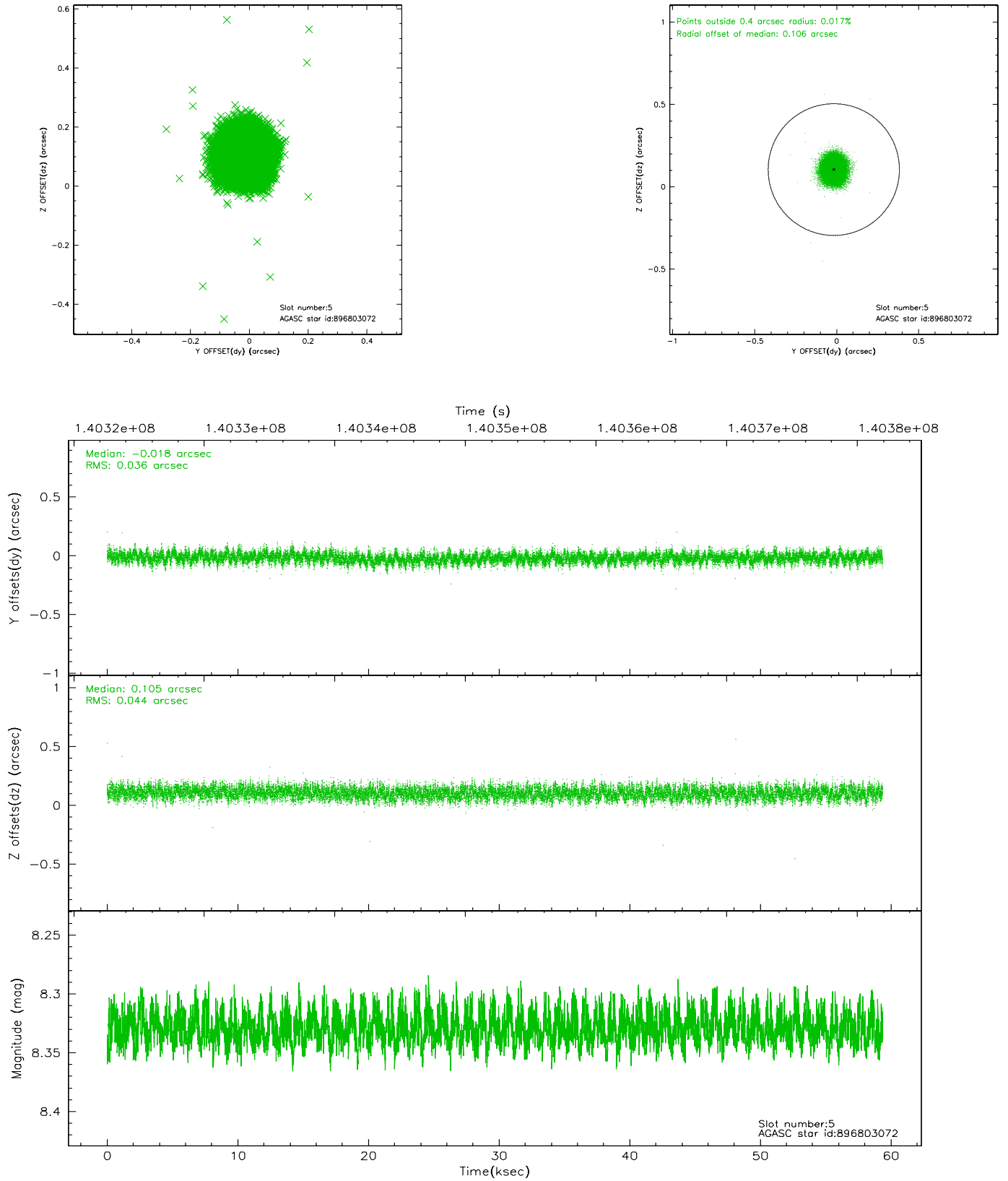
2.4.1 Slot 3



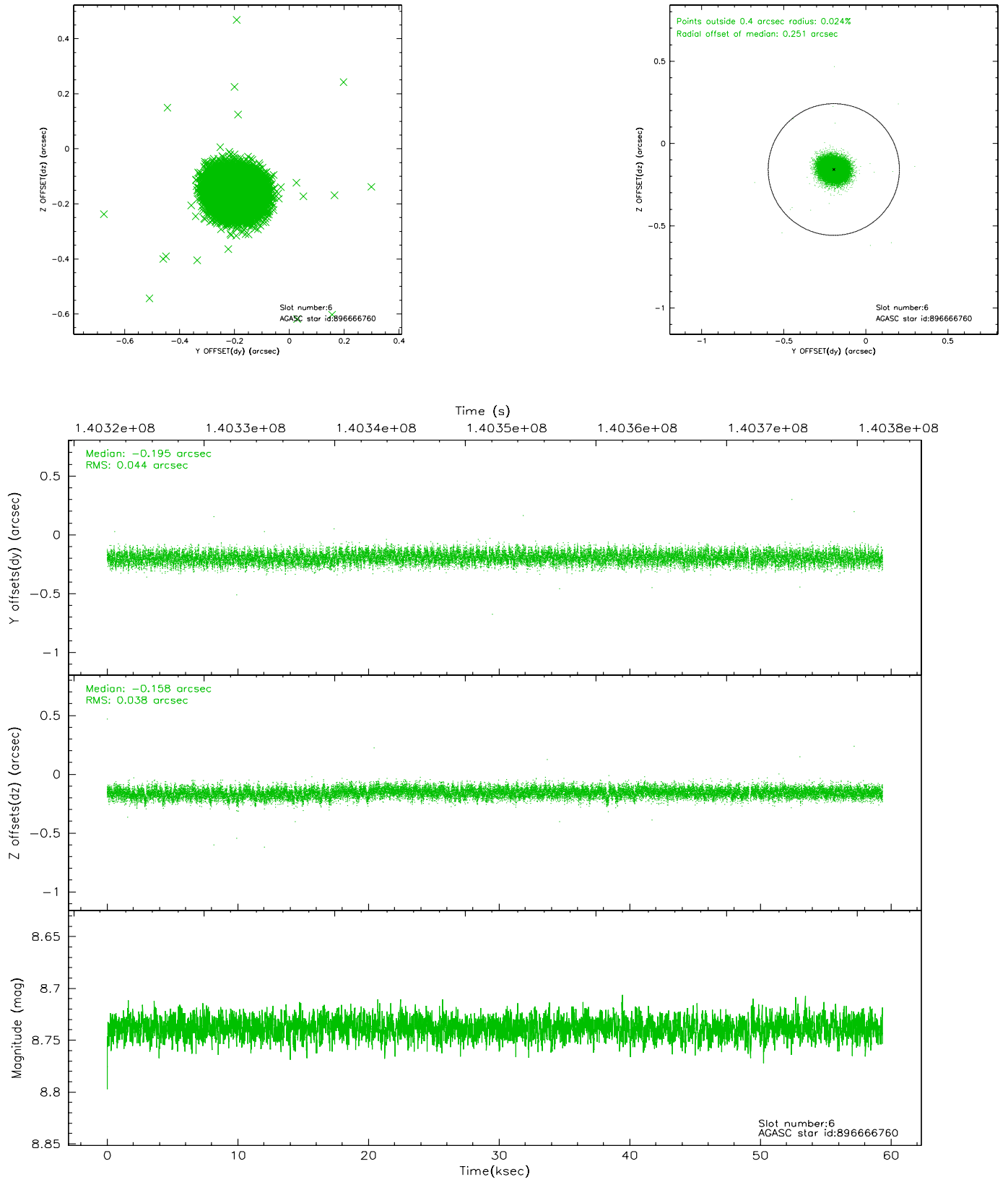
2.4.2 Slot 4



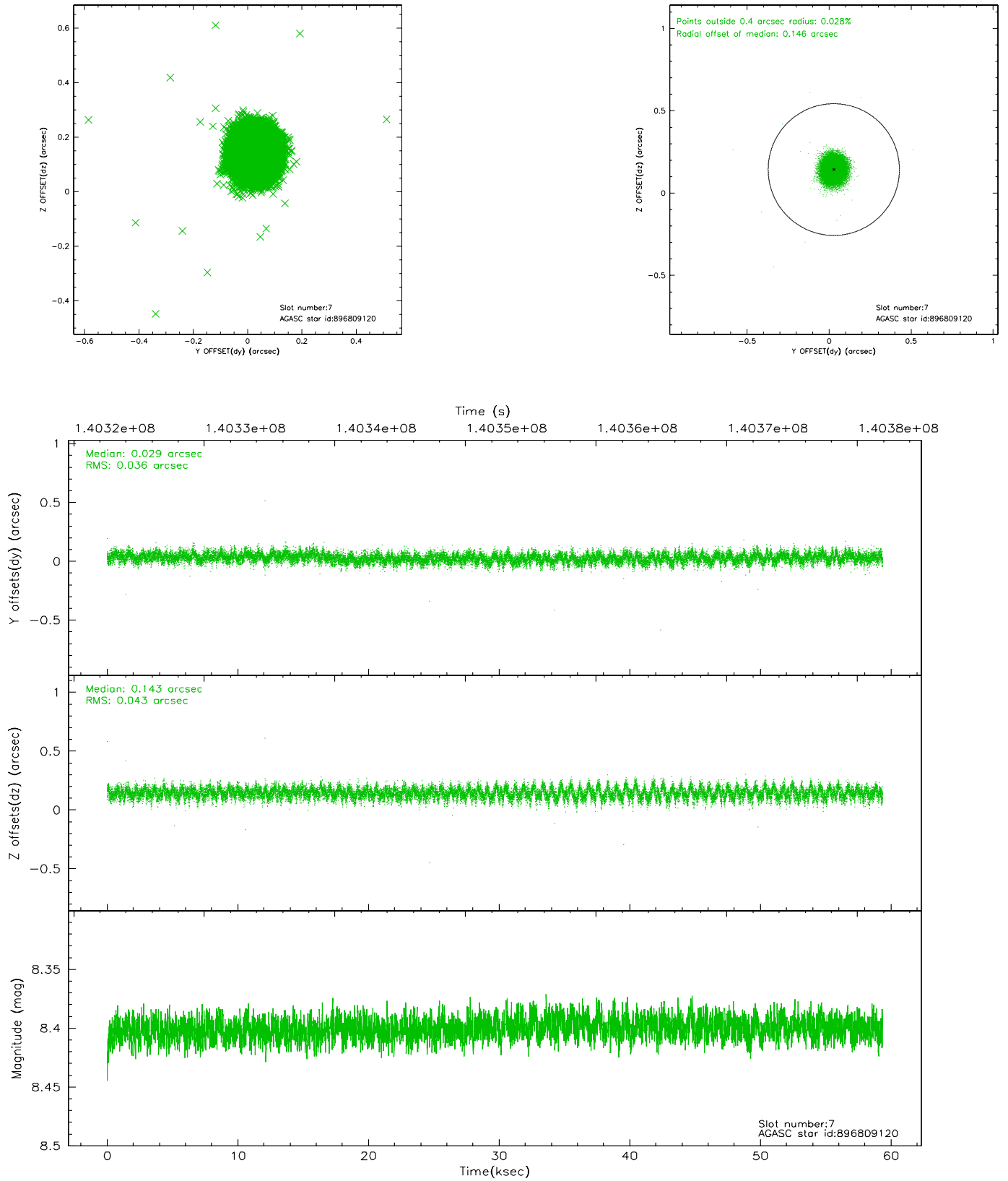
2.4.3 Slot 5



2.4.4 Slot 6

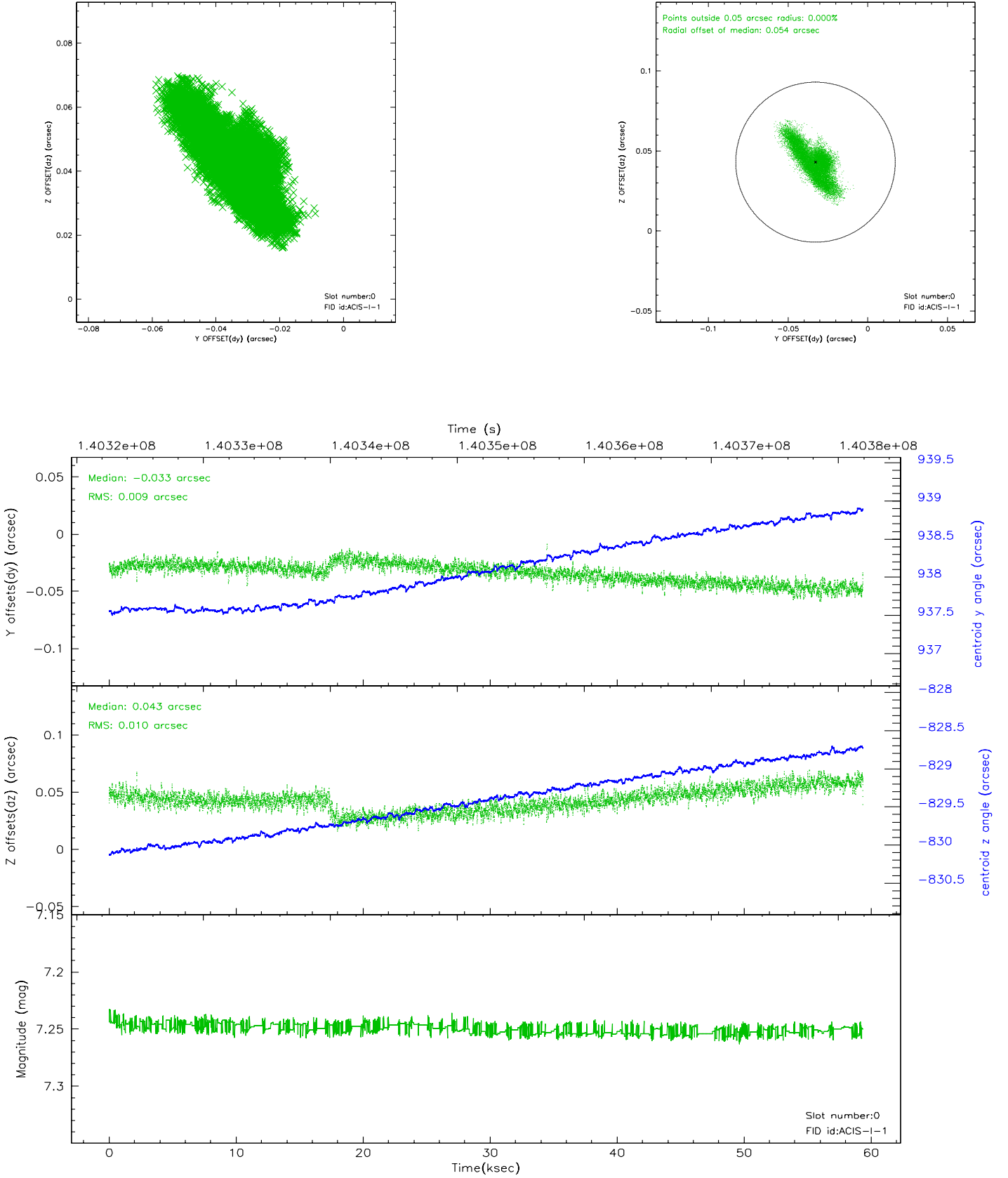


2.4.5 Slot 7

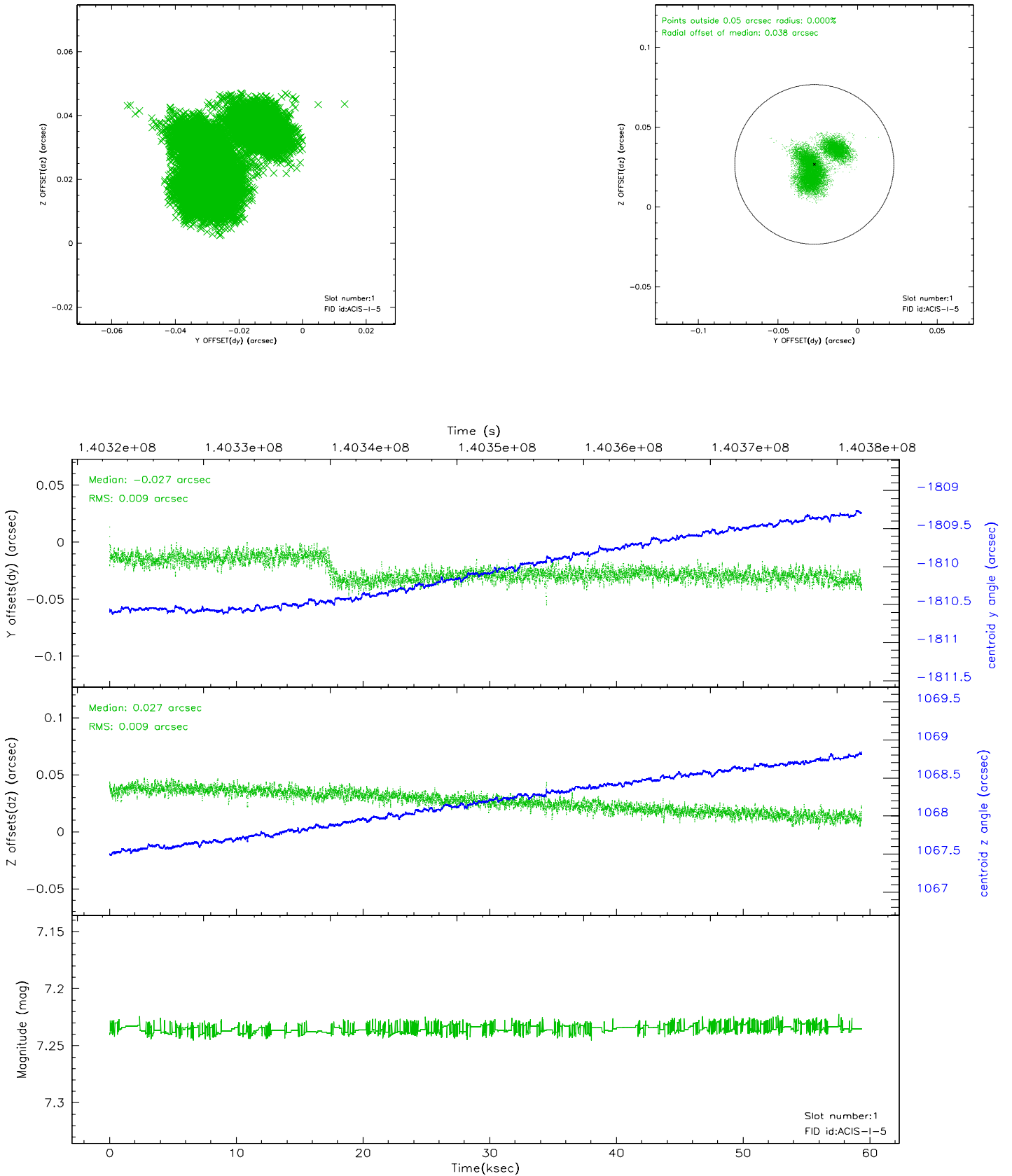


2.5 FID Slots

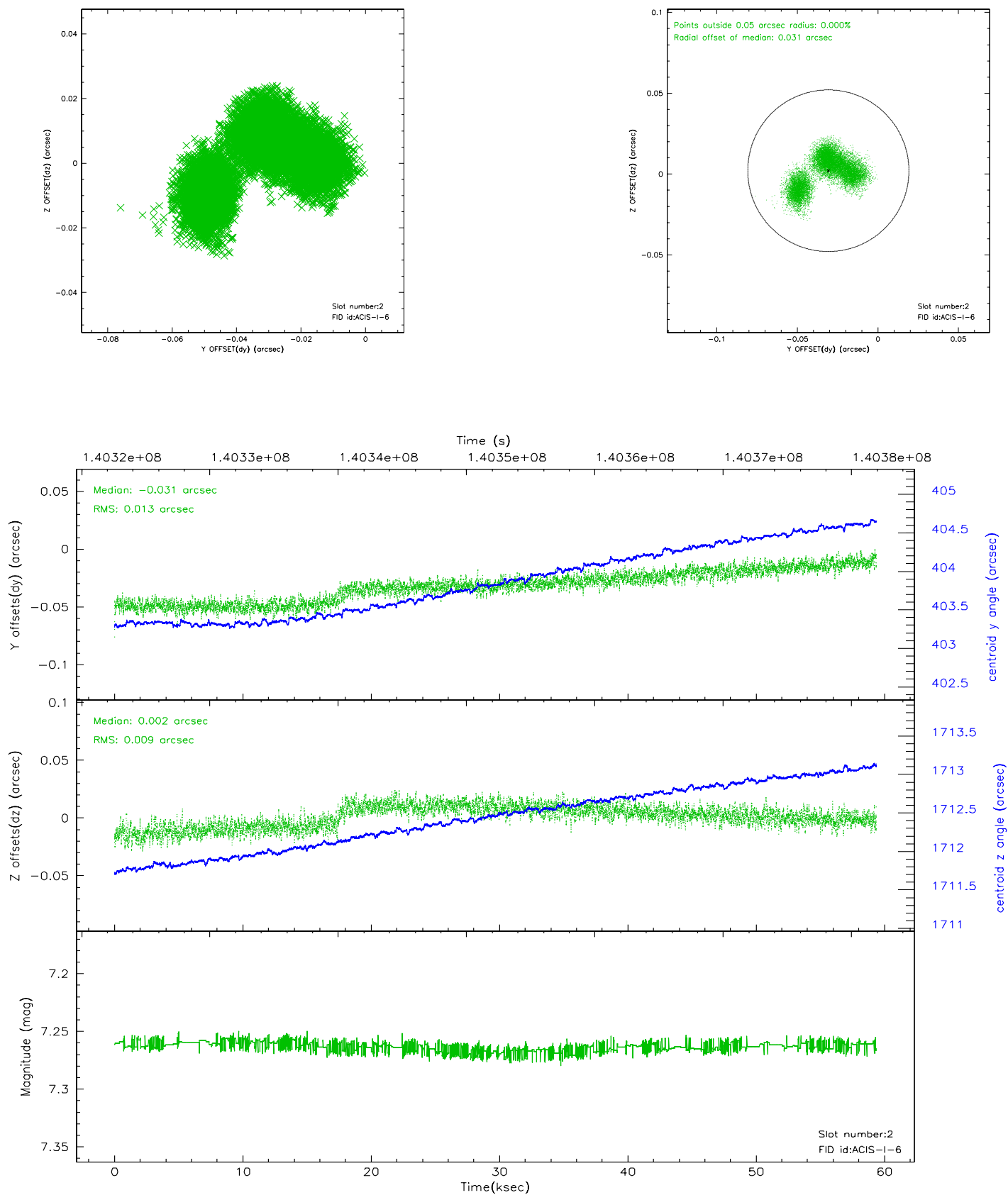
2.5.1 Slot 0



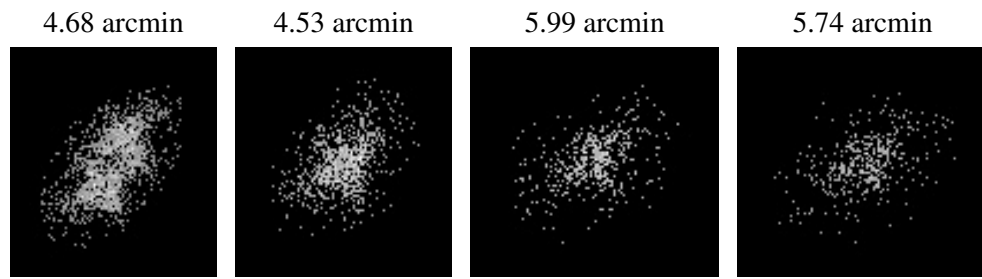
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.09.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	58.806

A.2 Comments