

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 1689 - L2 Version 001
Chandra X-Ray Center

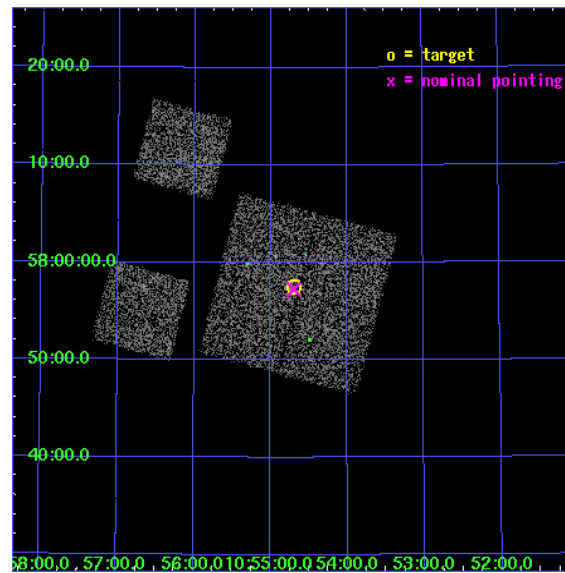
L2 Processing Date : Dec 11 2006

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1 Front

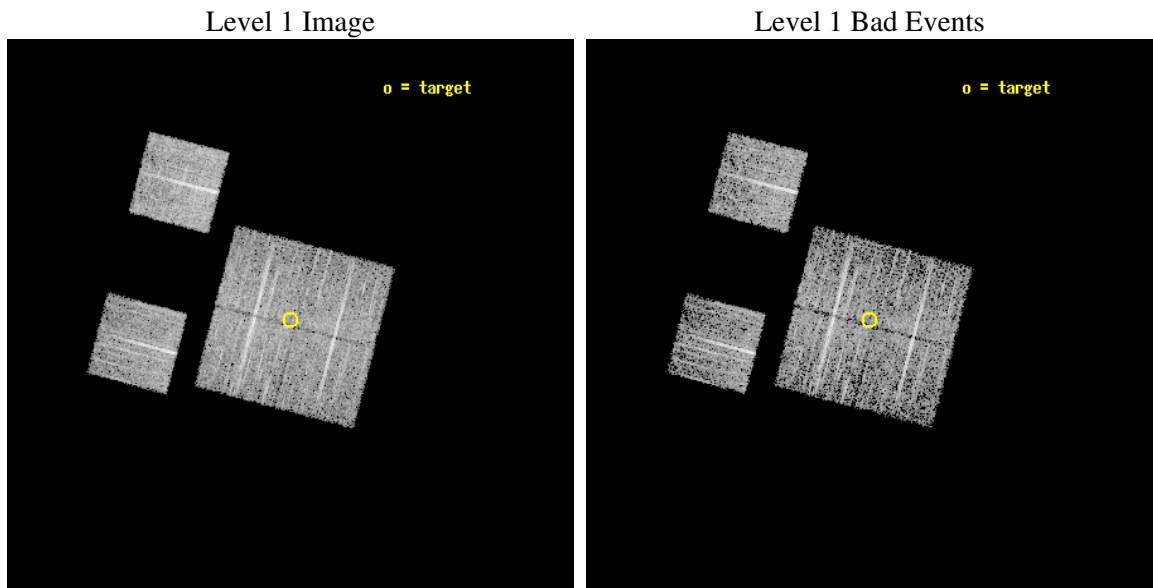
seq_num	900048
obs_id	1689
title	LOCKMAN HOLE SHALLOW SURVEY
observer	Dr. Stephen Murray
object	LOCKMAN HOLE #21
dtcycle	0
cycle	P
ra_targ	163.675
dec_targ	57.958889
ra_nom	163.67364490094
dec_nom	57.954159206675
roll_nom	284.77434417789
revision	2
ontime	4758.4000044316
livetime	4698.146278411
ontime0	4758.4000044316
ontime1	4758.4000044316
ontime2	4758.4000044316
ontime3	4758.4000044316
ontime6	4758.4000044316
ontime8	4758.4000044316
l2events	18159



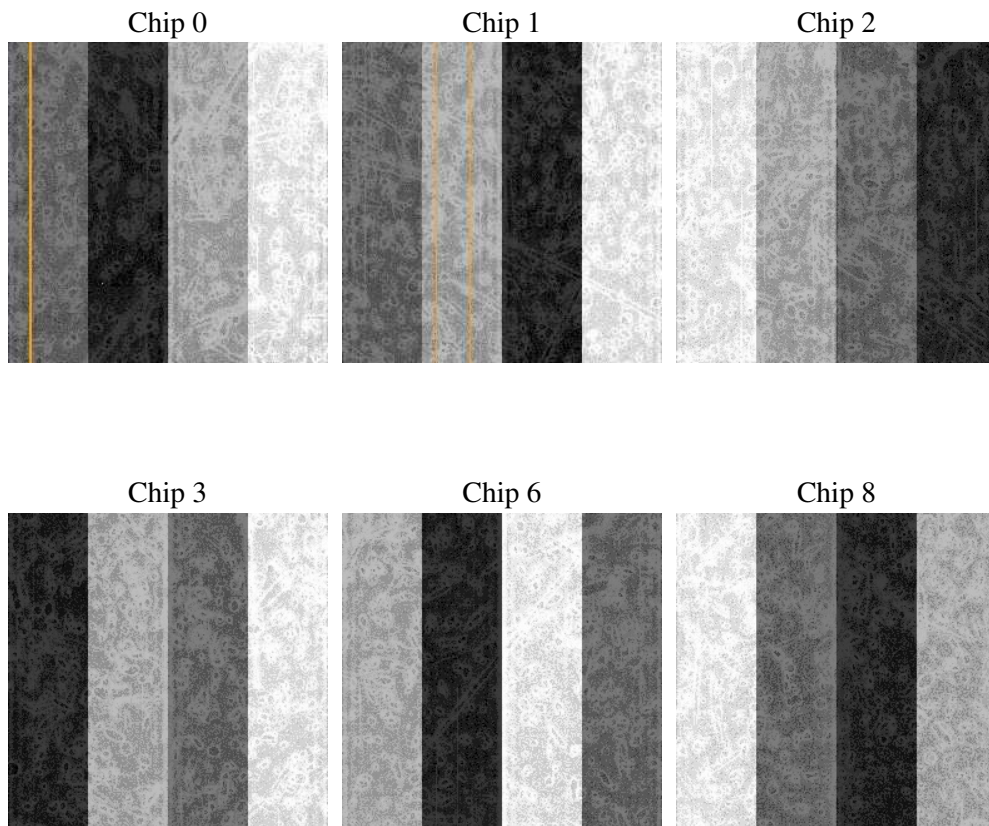
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldsver	3.2.4
date	2006-12-11T18:49:50
revision	2

sched_exp_time	5000.000000
ontime	4764.2655861676
ontime0	4764.2655861676
ontime1	4764.2655861676
ontime2	4764.2655861676
ontime3	4764.2655861676
ontime6	4764.2655861676
ontime8	4764.2655861676
l1events	192570

2.1.4 Events

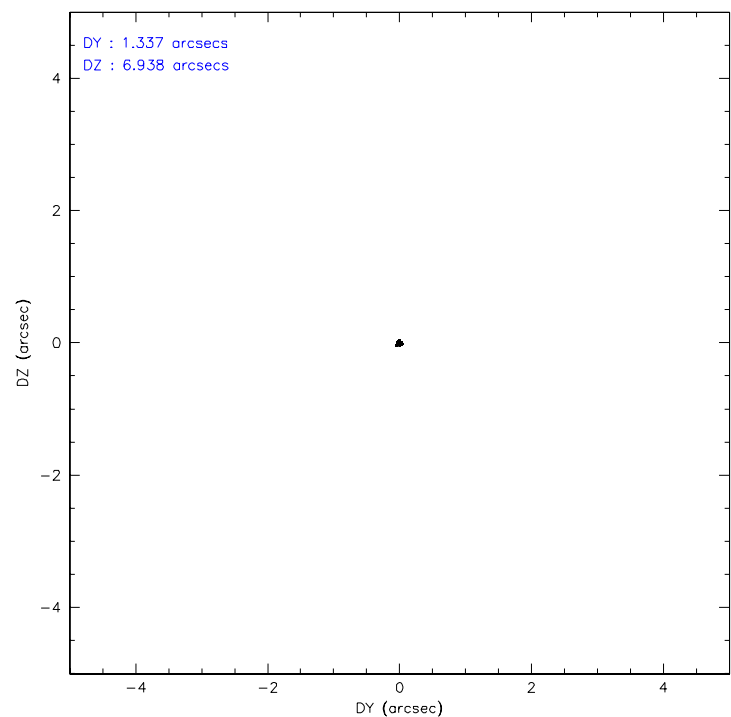
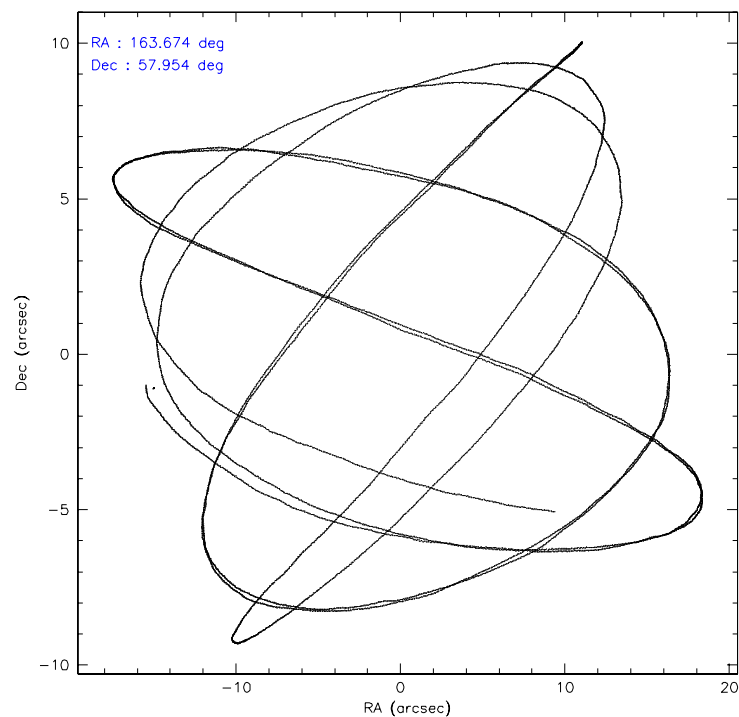
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 8
level 1 events	27280	29527	32489	30745	30759	41770
rejected events	23761	25910	29027	27358	27362	33925
rejected %	87%	87%	89%	88%	88%	81%

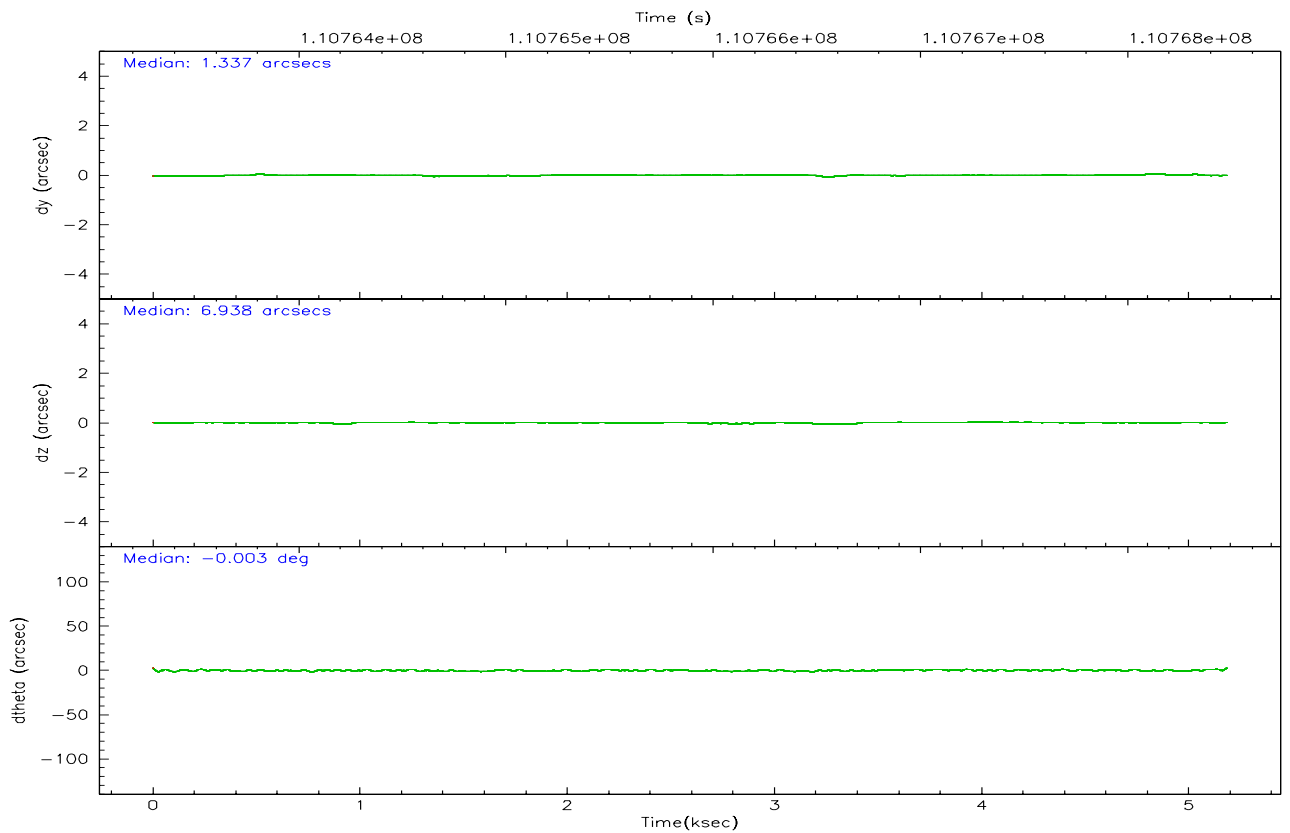
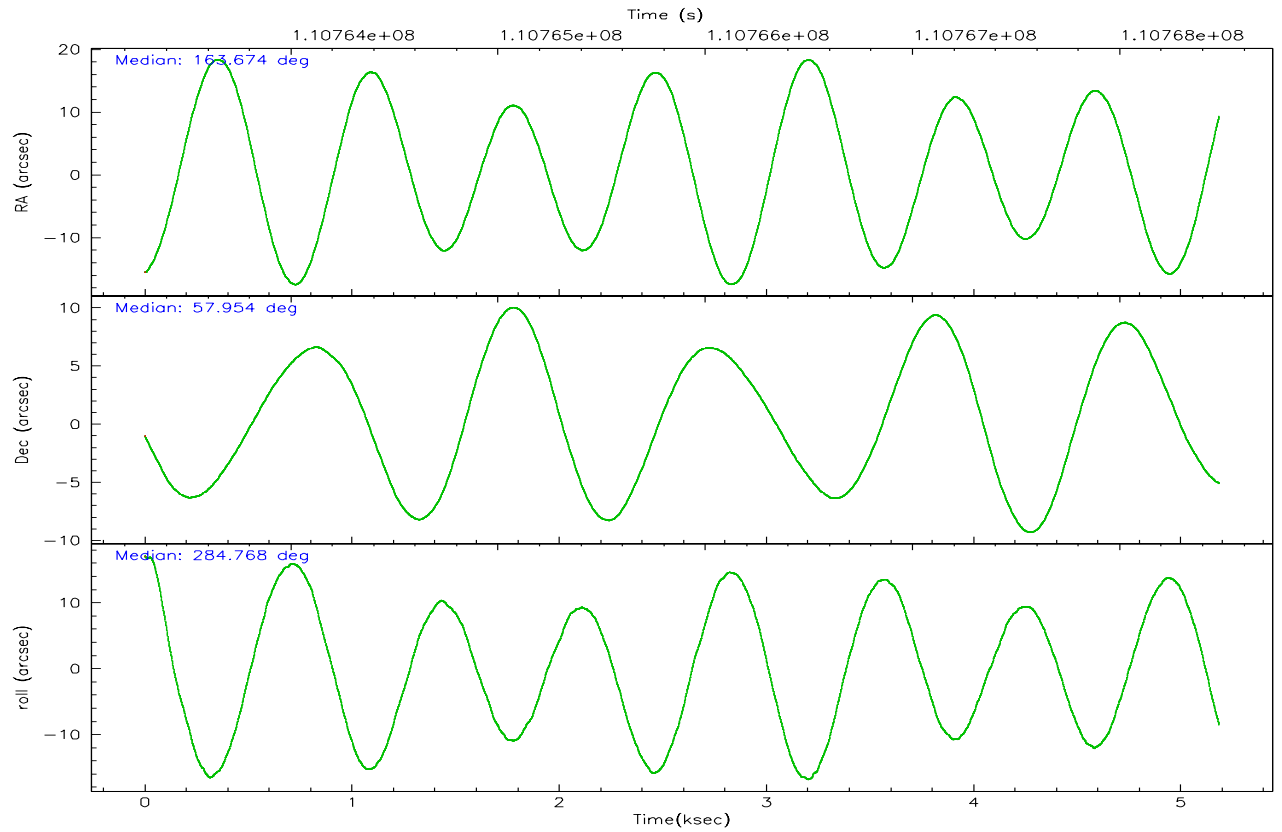
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 8
grade 0 events	1468	1396	1494	1465	1336	2453
	5%	4%	4%	4%	4%	5%
grade 1 events	17	14	19	17	15	25
	0%	0%	0%	0%	0%	0%
grade 2 events	745	777	722	656	688	1664
	2%	2%	2%	2%	2%	3%
grade 3 events	364	377	309	327	356	874
	1%	1%	0%	1%	1%	2%
grade 4 events	337	353	326	337	293	799
	1%	1%	1%	1%	0%	1%
grade 5 events	1042	1209	1093	1230	1283	1631
	3%	4%	3%	4%	4%	3%
grade 6 events	615	717	615	607	729	2060
	2%	2%	1%	1%	2%	4%
grade 7 events	22692	24684	27911	26106	26059	32264
	83%	83%	85%	84%	84%	77%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-012368	ACIS-012368	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	163.637245	163.6736449009435	Subarray requested	NONE	NONE
Pointing Dec	57.973662	57.954159206675	Alternating exposures requested	N	N
Pointing Roll	284.596521	284.7743441778918	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	110763483.184000	110763106.99848			
Observation start date	2001-07-05T23:36:59	2001-07-05T23:31:46			
Observation end time	110768483.184000	110768616.8862			
Observation end date	2001-07-06T01:00:19	2001-07-06T01:03:36			
Read mode	TIMED	TIMED			

2.3 Aspect



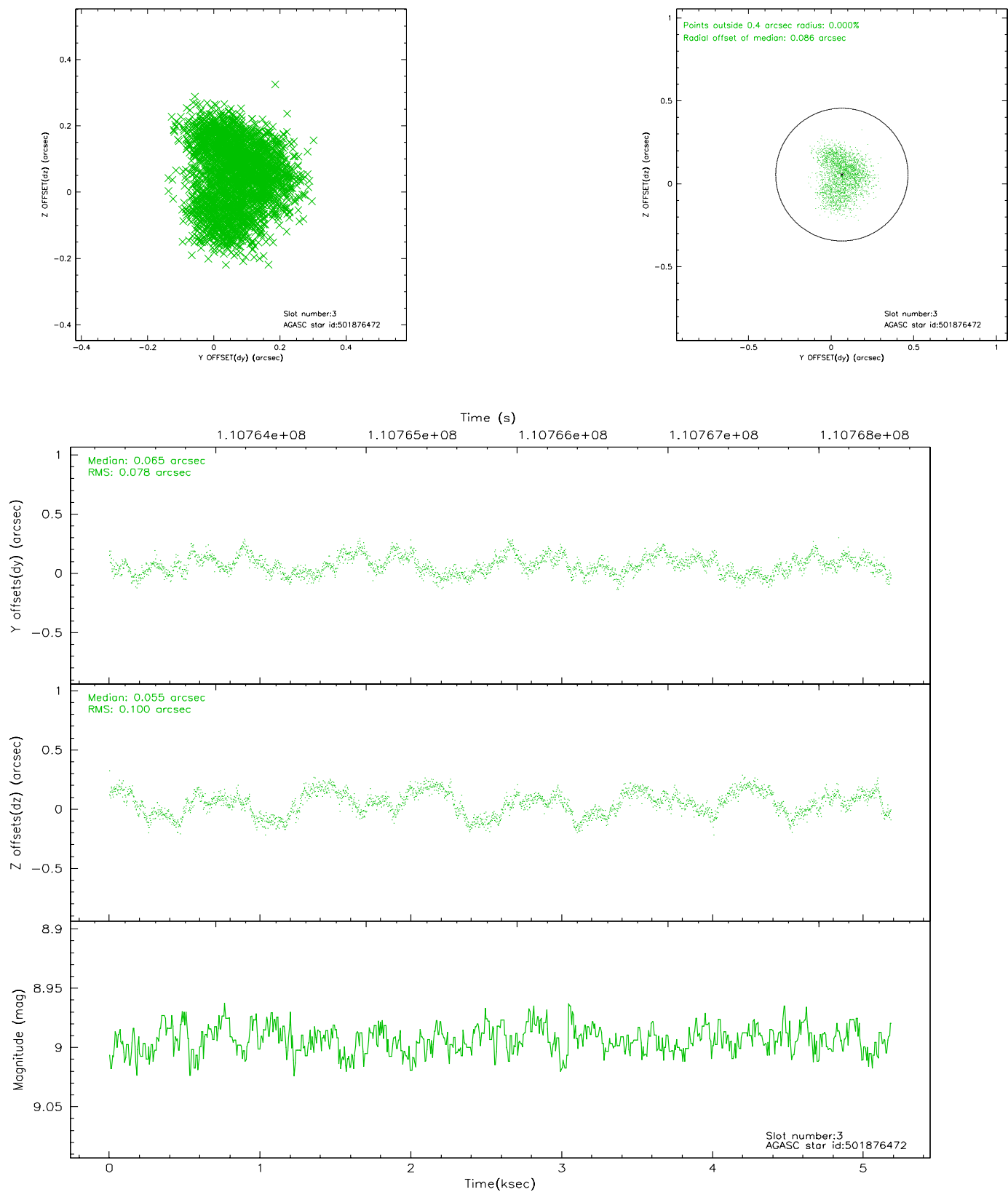


Slot Statistics

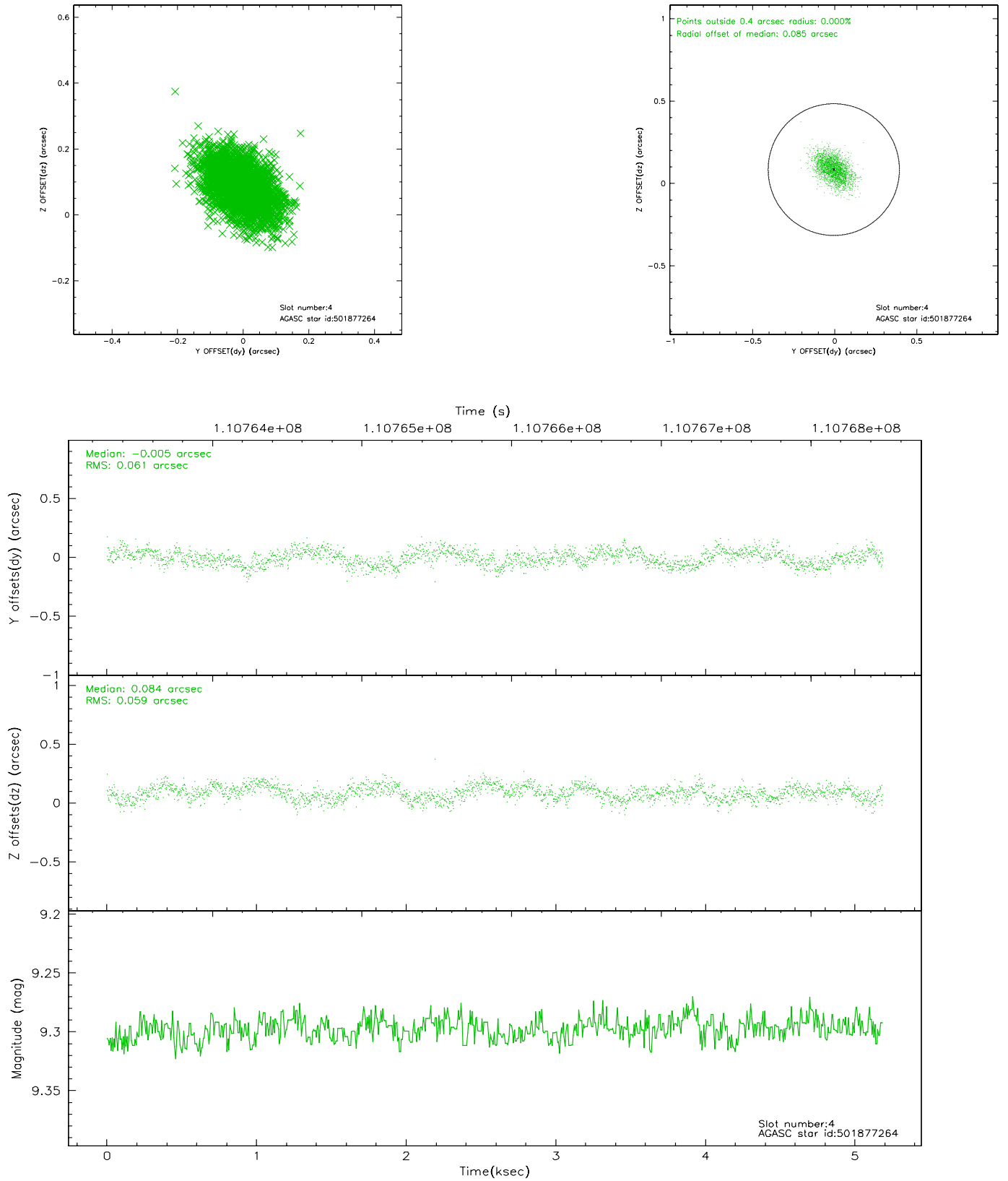
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-2	7.15	1265	-0.024	-0.047	0.009	0.016	0.000000	0.000000	-755.68	-836.75
1	FID	ACIS-I-4	7.18	1265	-0.092	0.035	0.005	0.009	0.000000	0.000000	2157.76	1068.96
2	FID	ACIS-I-5	7.23	1265	0.015	0.080	0.009	0.015	0.000000	0.000000	-1807.99	1068.13
3	GUIDE	501876472	8.99	2530	0.065	0.055	0.140	0.204	163.621724	57.867447	362.86	-125.72
4	GUIDE	501877264	9.30	2526	-0.005	0.084	0.090	0.146	163.254394	57.702218	758.49	-958.78
5	GUIDE	501875376	6.73	2530	-0.023	-0.118	0.068	0.104	164.111621	57.502963	1868.42	460.80
6	GUIDE	501874936	9.94	2530	0.054	-0.042	0.124	0.194	164.170577	58.432800	-1349.25	1389.75
7	GUIDE	501877056	9.68	2528	-0.094	0.031	0.117	0.187	164.433826	58.166965	-301.45	1641.30

2.4 Star Slots

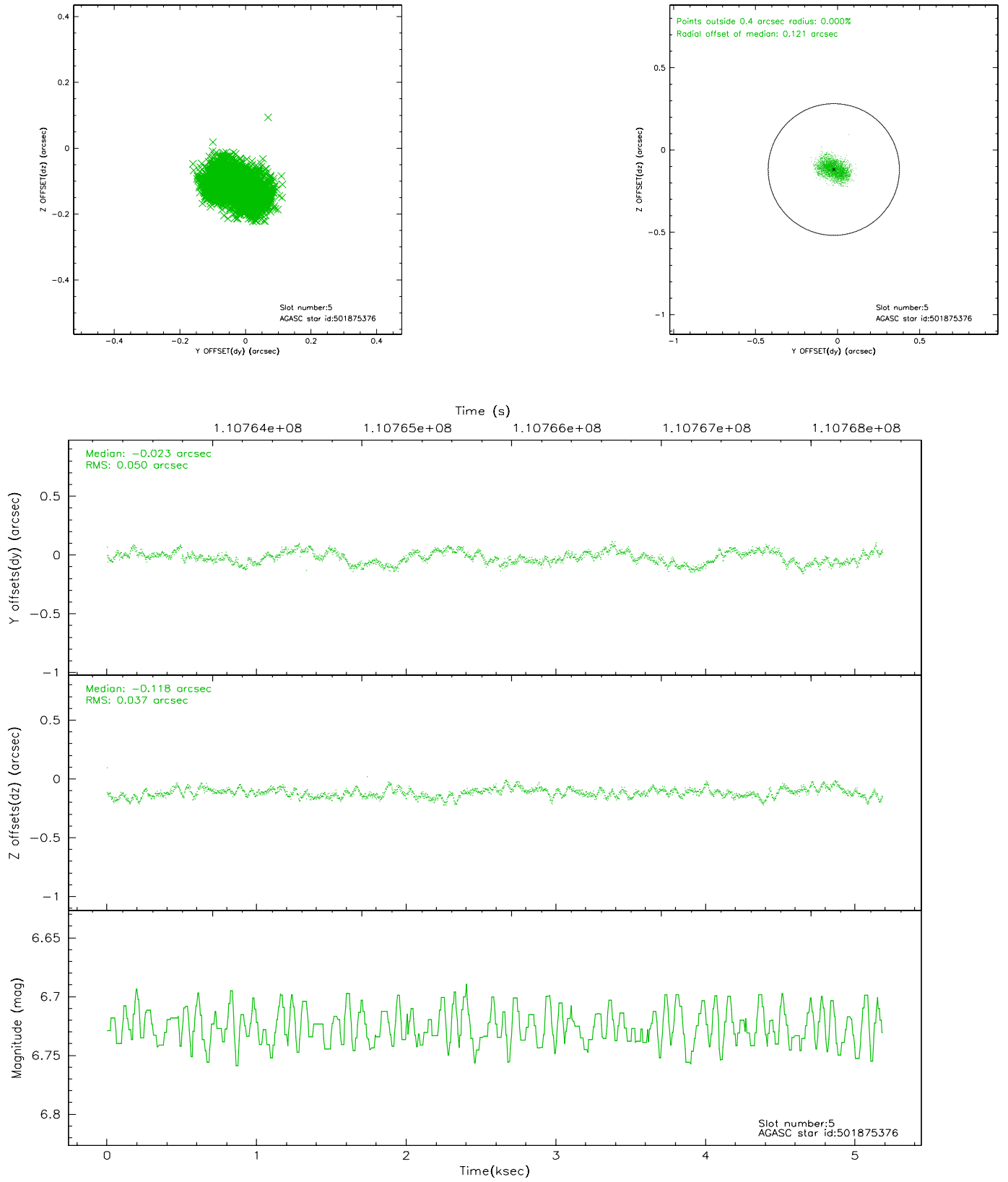
2.4.1 Slot 3



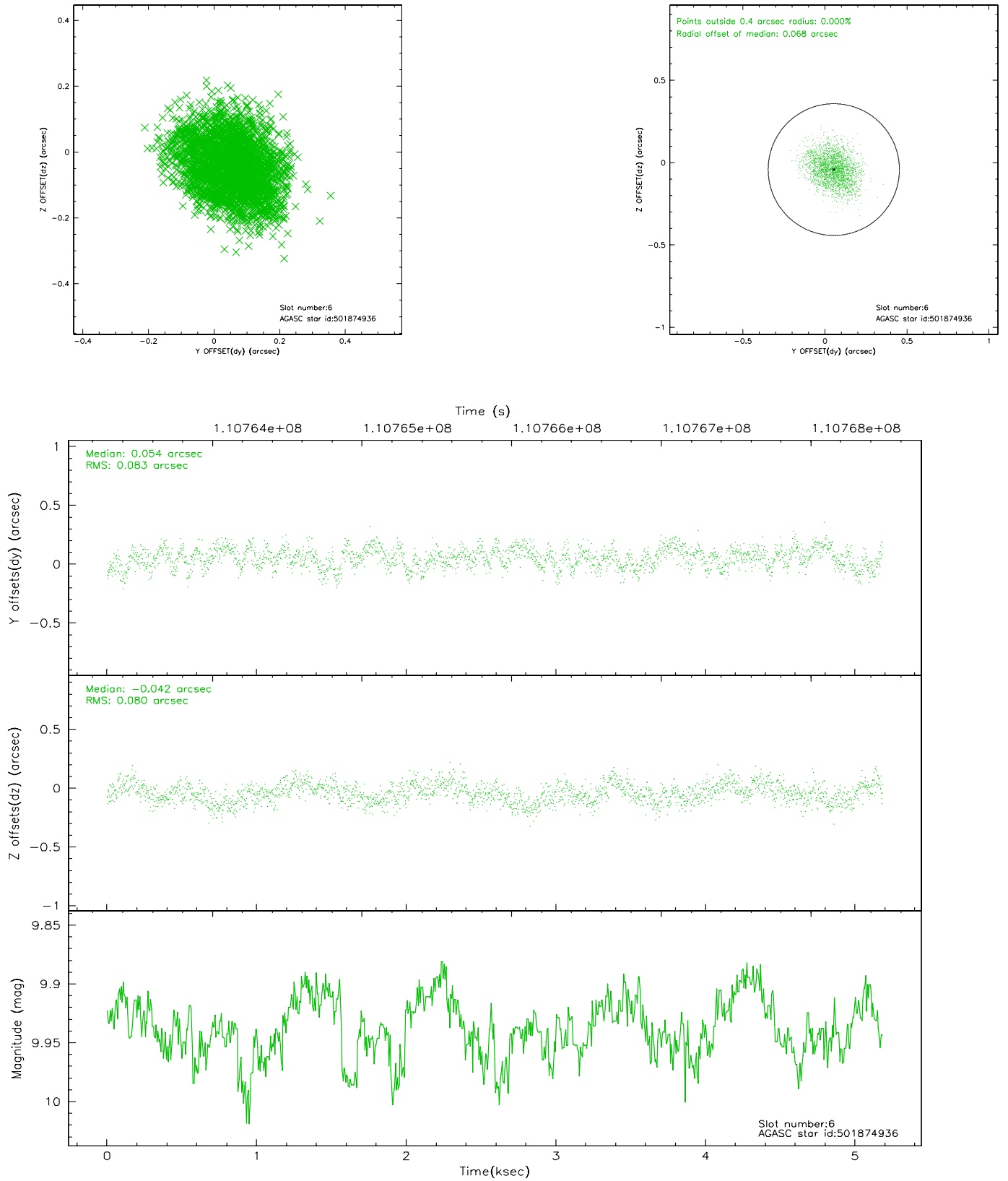
2.4.2 Slot 4



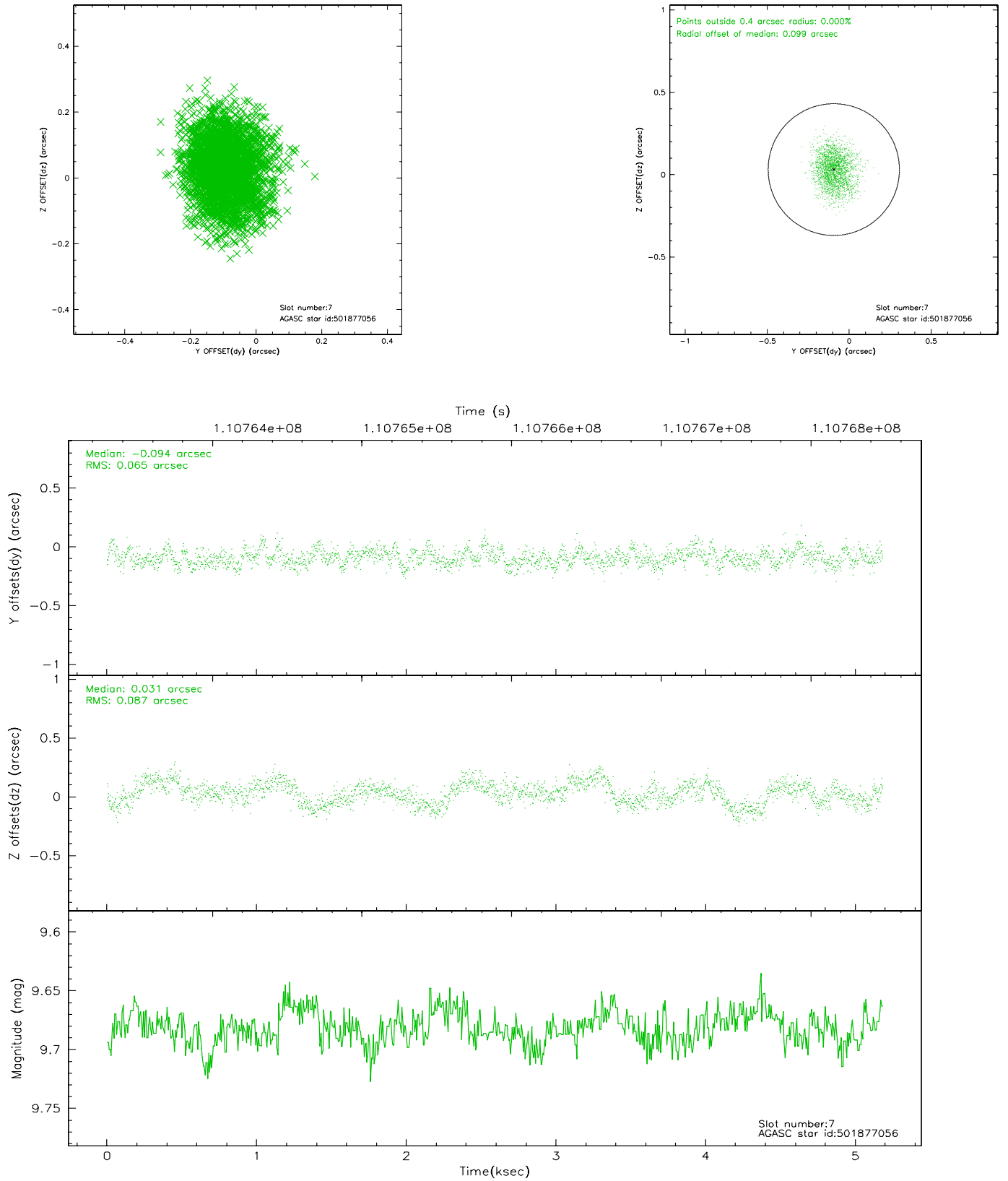
2.4.3 Slot 5



2.4.4 Slot 6

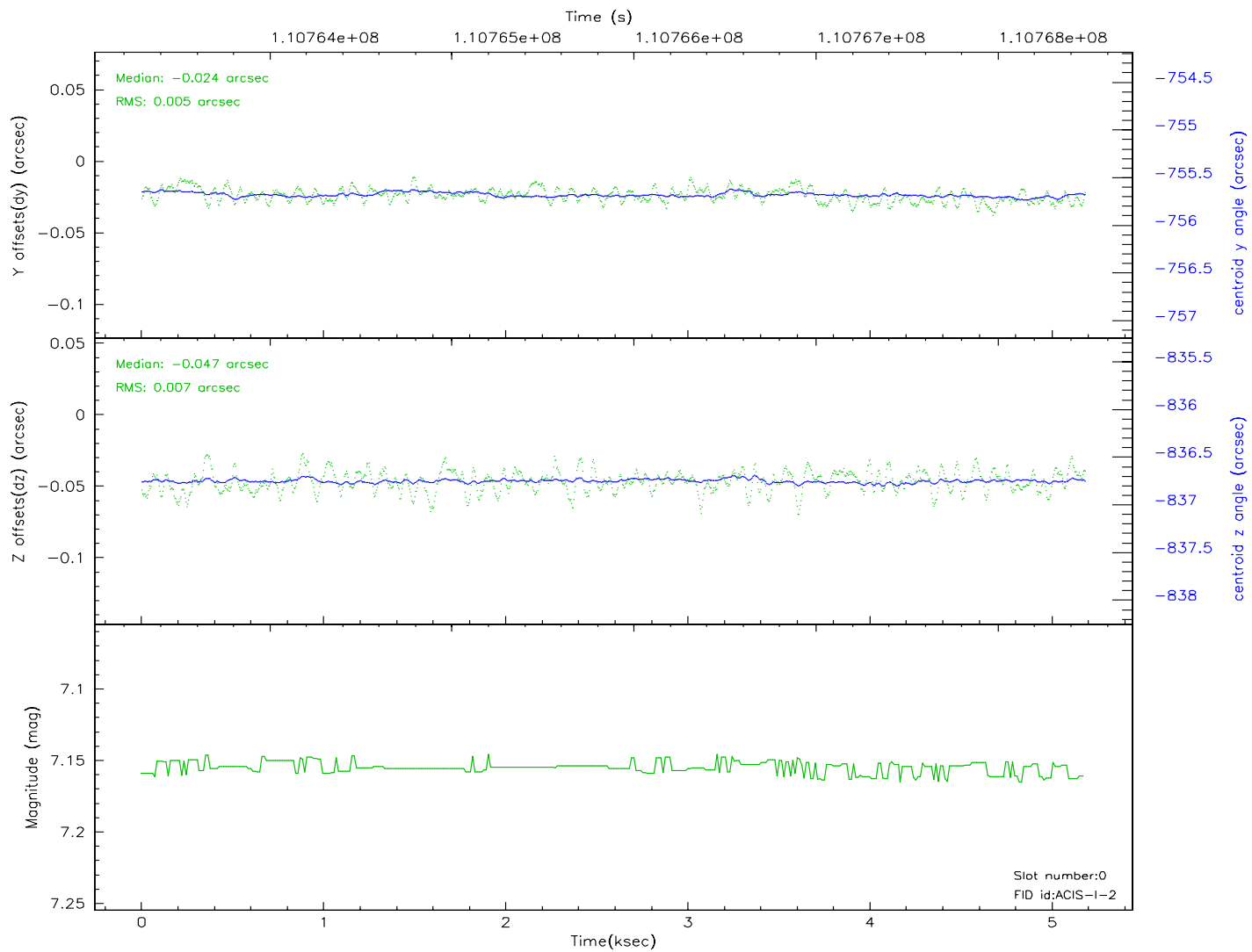
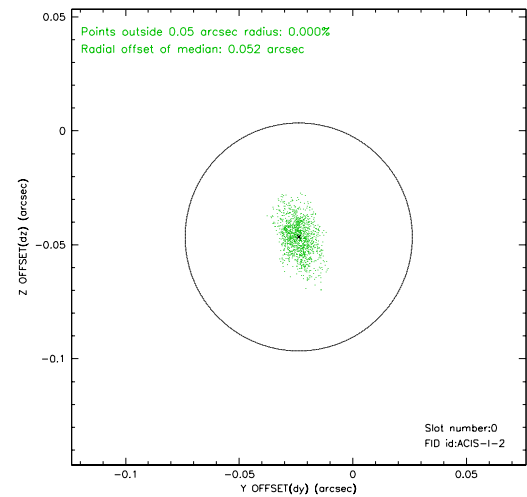
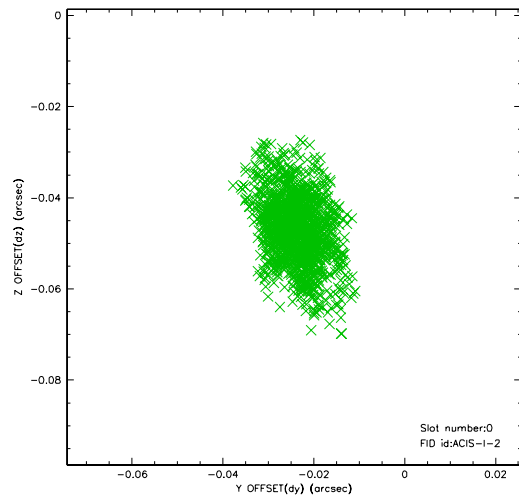


2.4.5 Slot 7

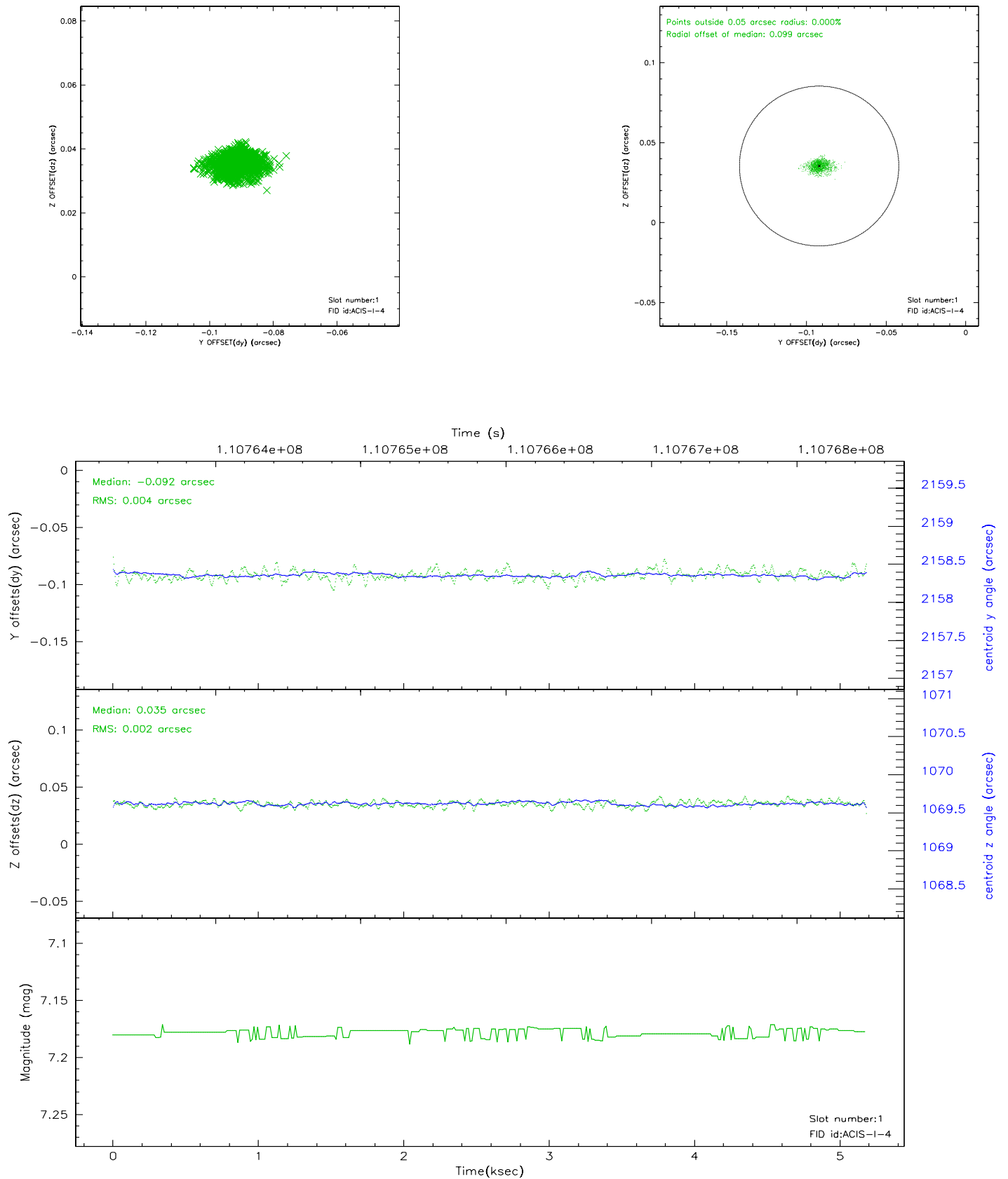


2.5 FID Slots

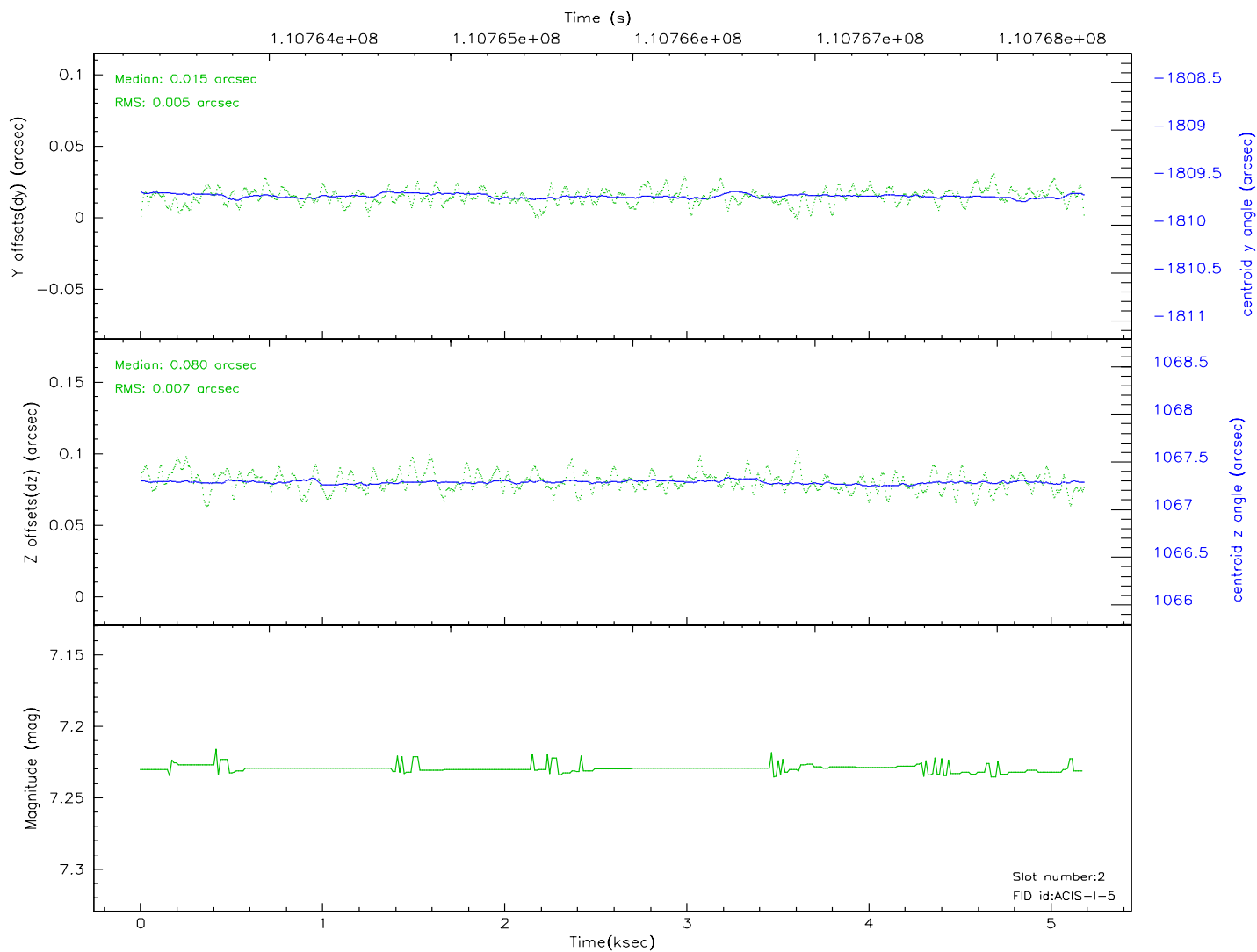
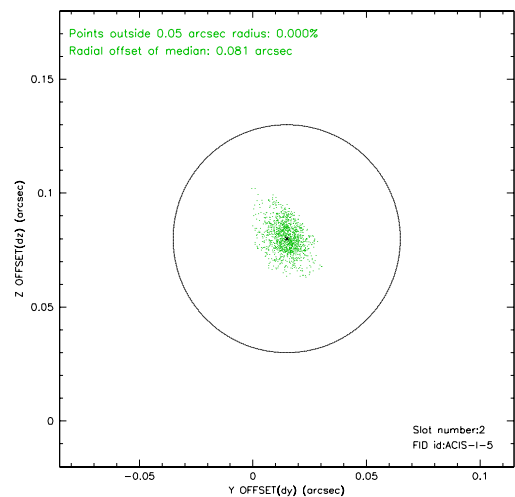
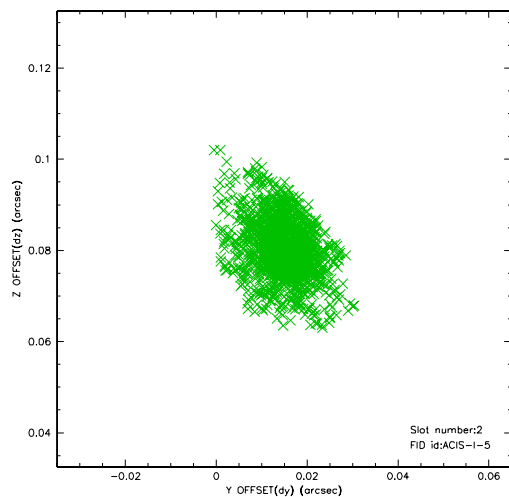
2.5.1 Slot 0



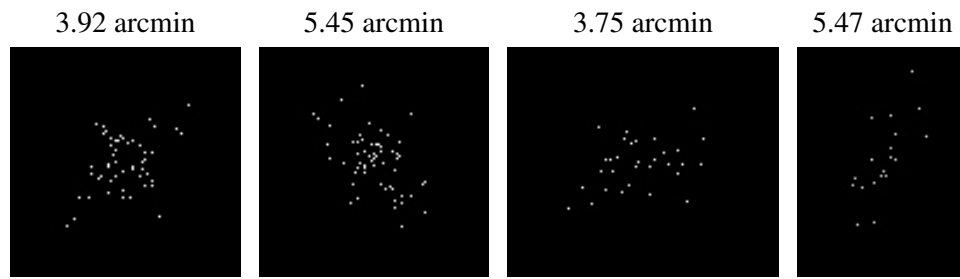
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.12.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.761

A.2 Comments