

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 1867 - L2 Version 001
Chandra X-Ray Center

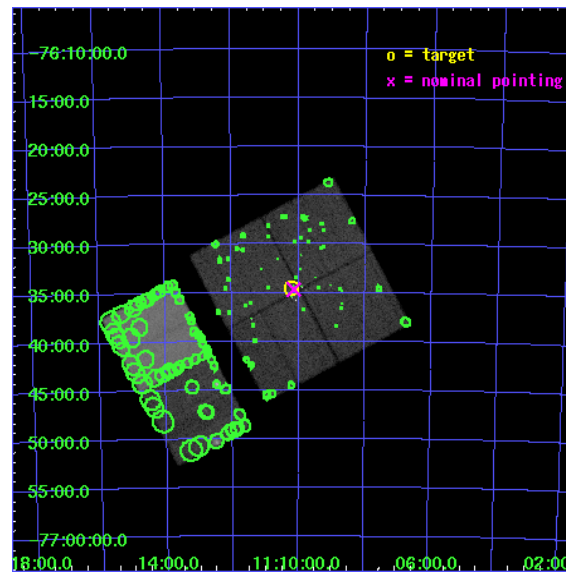
L2 Processing Date : Dec 11 2006

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1 Front

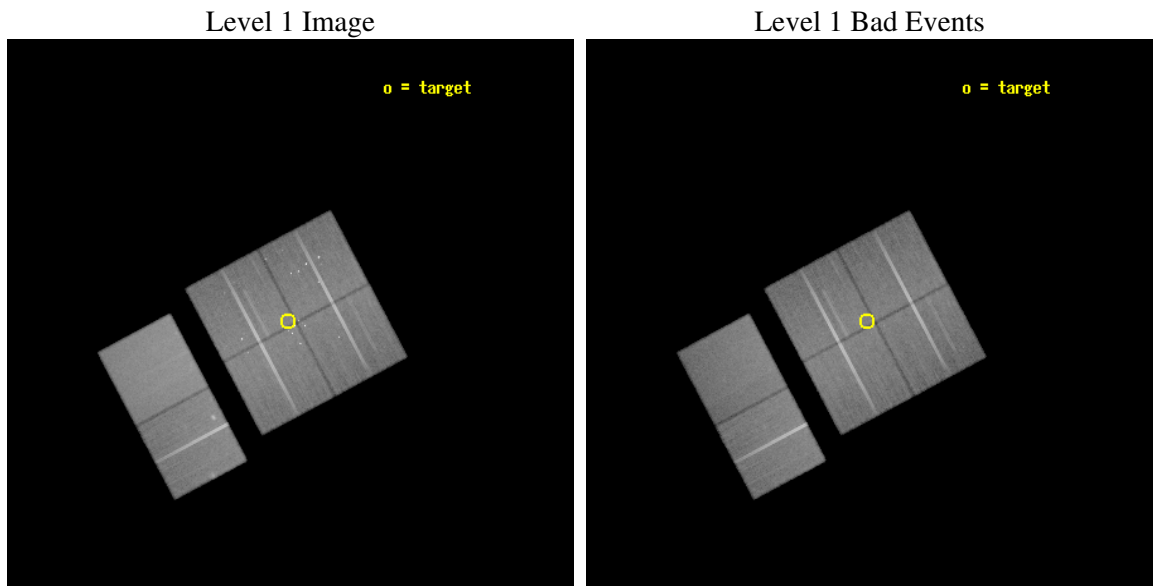
seq_num	200095
obs_id	1867
title	STELLAR CENSUS OF THE CHAMAELEON I NORTH CLOUD
observer	Prof. Eric Feigelson
object	CHA I NORTH CLOUD
dtcycle	0
cycle	P
ra_targ	167.55
dec_targ	-76.575
ra_nom	167.53413623662
dec_nom	-76.577980287699
roll_nom	241.99518284054
revision	2
ontime	67142.318171978
livetime	66292.121711034
ontime0	67145.559102297
ontime1	67142.318142042
ontime2	67145.559102297
ontime3	67142.318171978
ontime6	67142.318142042
ontime7	67139.077211723
l2events	449066



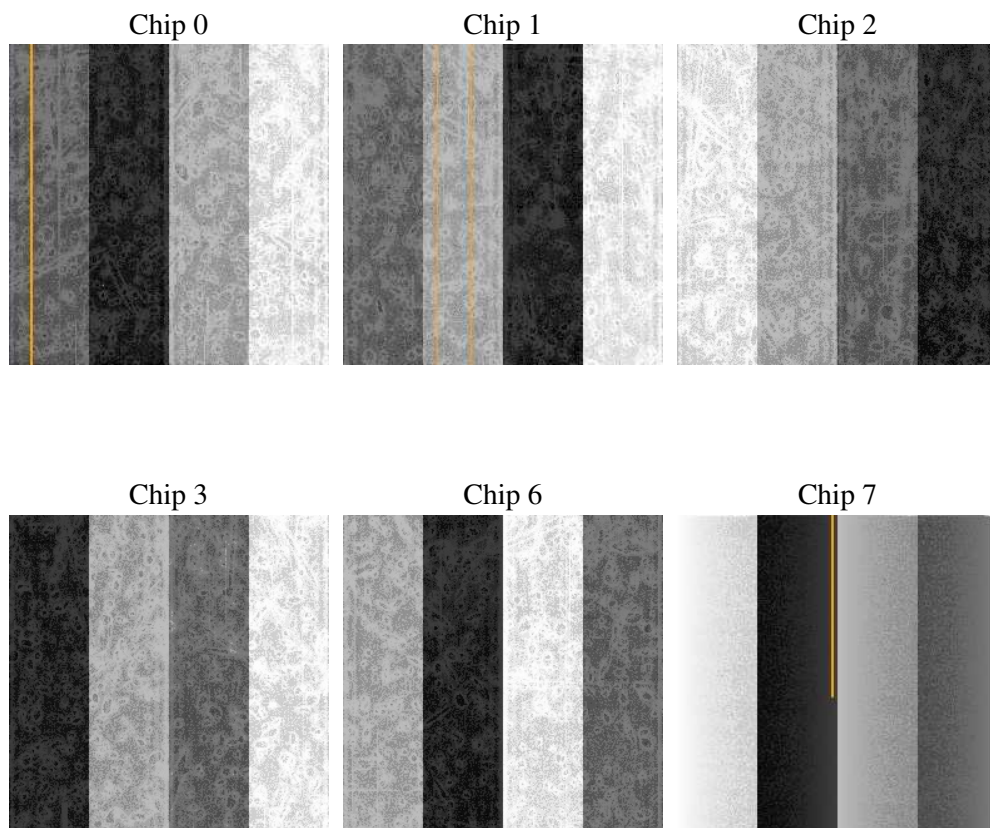
2 OBI

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	2006-12-11T14:26:22
revision	2

sched_exp_time	67000.000000
ontime	67594.279270694
ontime0	67597.520201012
ontime1	67594.279240757
ontime2	67597.520201012
ontime3	67594.279270694
ontime6	67594.279240757
ontime7	67591.038310438
l1events	2762117

2.1.4 Events

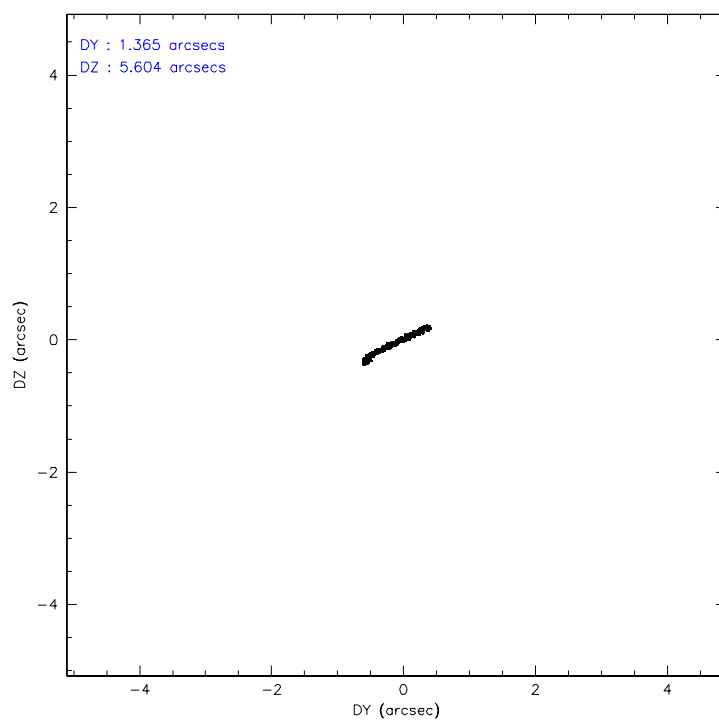
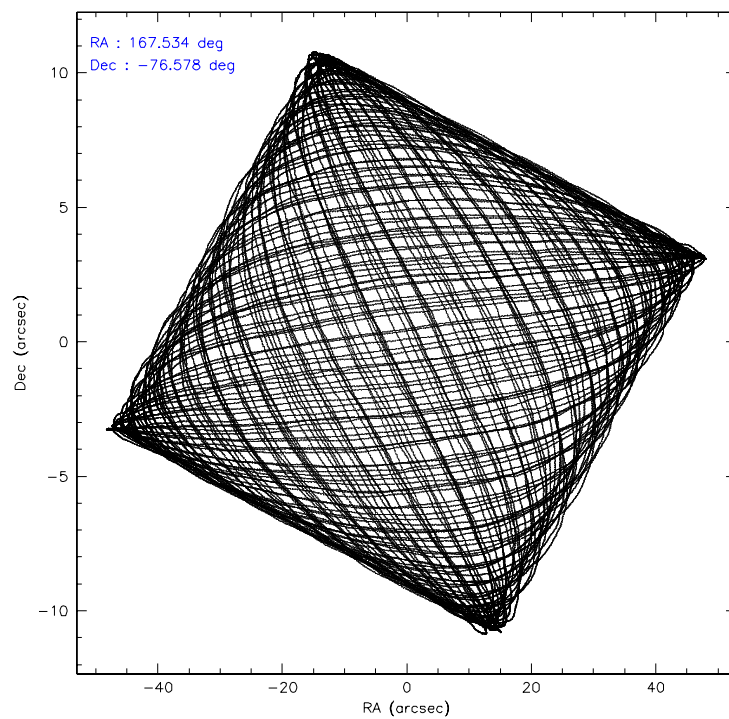
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	410548	420042	458865	439820	470692	562150
rejected events	357158	356255	403346	388401	415199	349341
rejected %	86%	84%	87%	88%	88%	62%

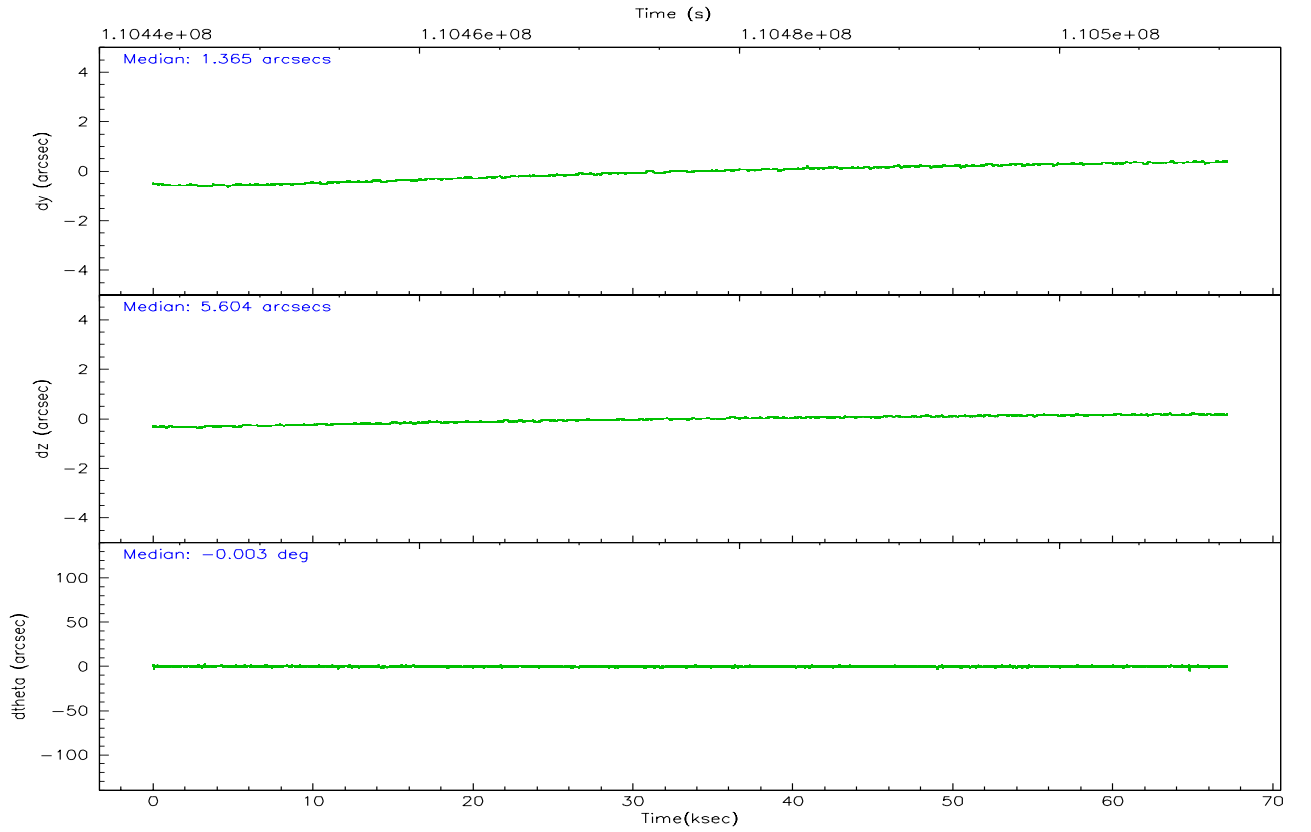
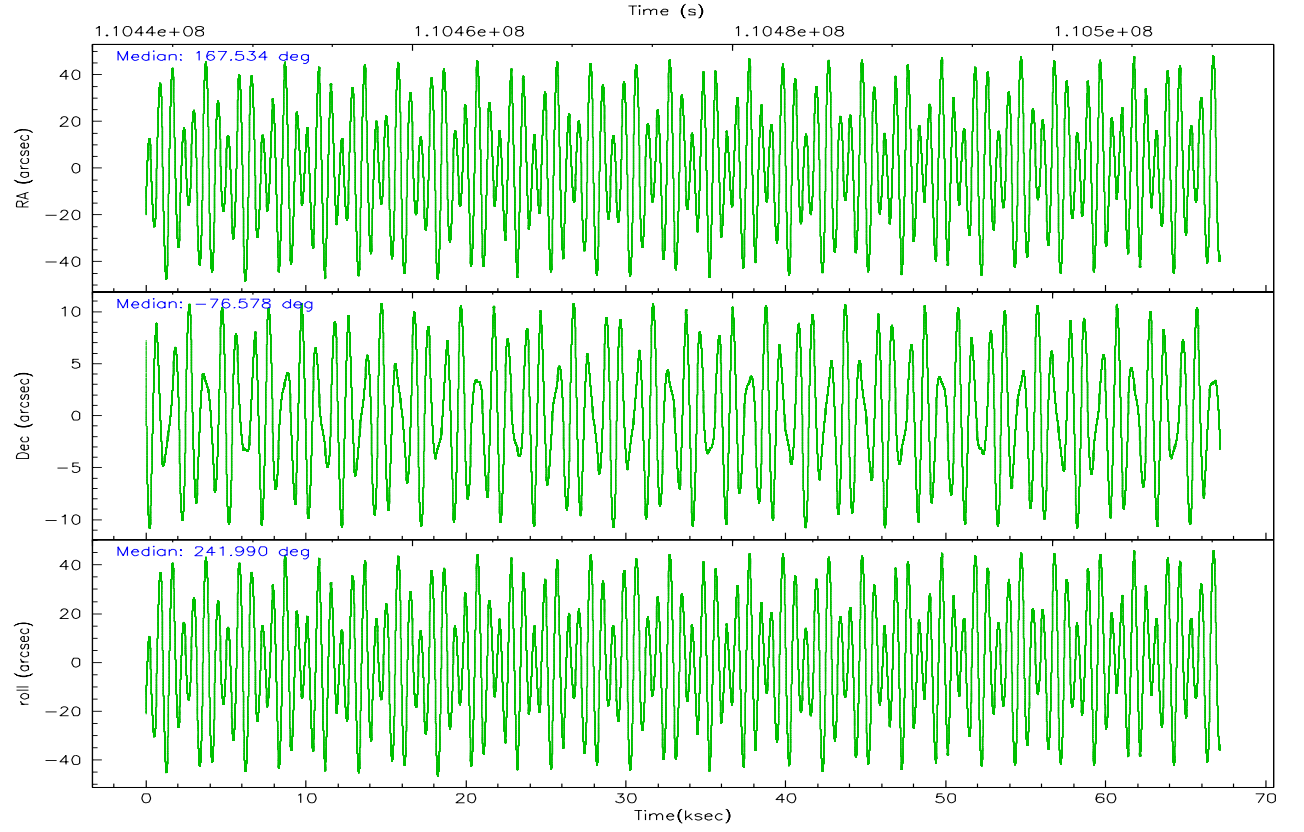
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	23367	30673	25933	23006	24438	12302
	5%	7%	5%	5%	5%	2%
grade 1 events	254	269	318	244	232	342
	0%	0%	0%	0%	0%	0%
grade 2 events	11188	11619	11334	10167	10801	52603
	2%	2%	2%	2%	2%	9%
grade 3 events	5378	5854	4946	4736	5180	11426
	1%	1%	1%	1%	1%	2%
grade 4 events	4880	5775	4880	4811	5209	11211
	1%	1%	1%	1%	1%	1%
grade 5 events	15719	16820	15397	17114	18929	38200
	3%	4%	3%	3%	4%	6%
grade 6 events	8903	10263	8789	9022	10247	126693
	2%	2%	1%	2%	2%	22%
grade 7 events	340859	338769	387268	370720	395656	309373
	83%	80%	84%	84%	84%	55%

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	167.529940	167.5341362366163	Subarray requested	NONE	NONE
Pointing Dec	-76.550569	-76.57798028769888	Alternating exposures requested	N	N
Pointing Roll	241.782413	241.9951828405407	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	110443499.184000	110442213.82344			
Observation start date	2001-07-02T06:43:55	2001-07-02T06:23:33			
Observation end time	110510499.184000	110511684.73866			
Observation end date	2001-07-03T01:20:35	2001-07-03T01:41:24			
Read mode	TIMED	TIMED			

2.3 Aspect



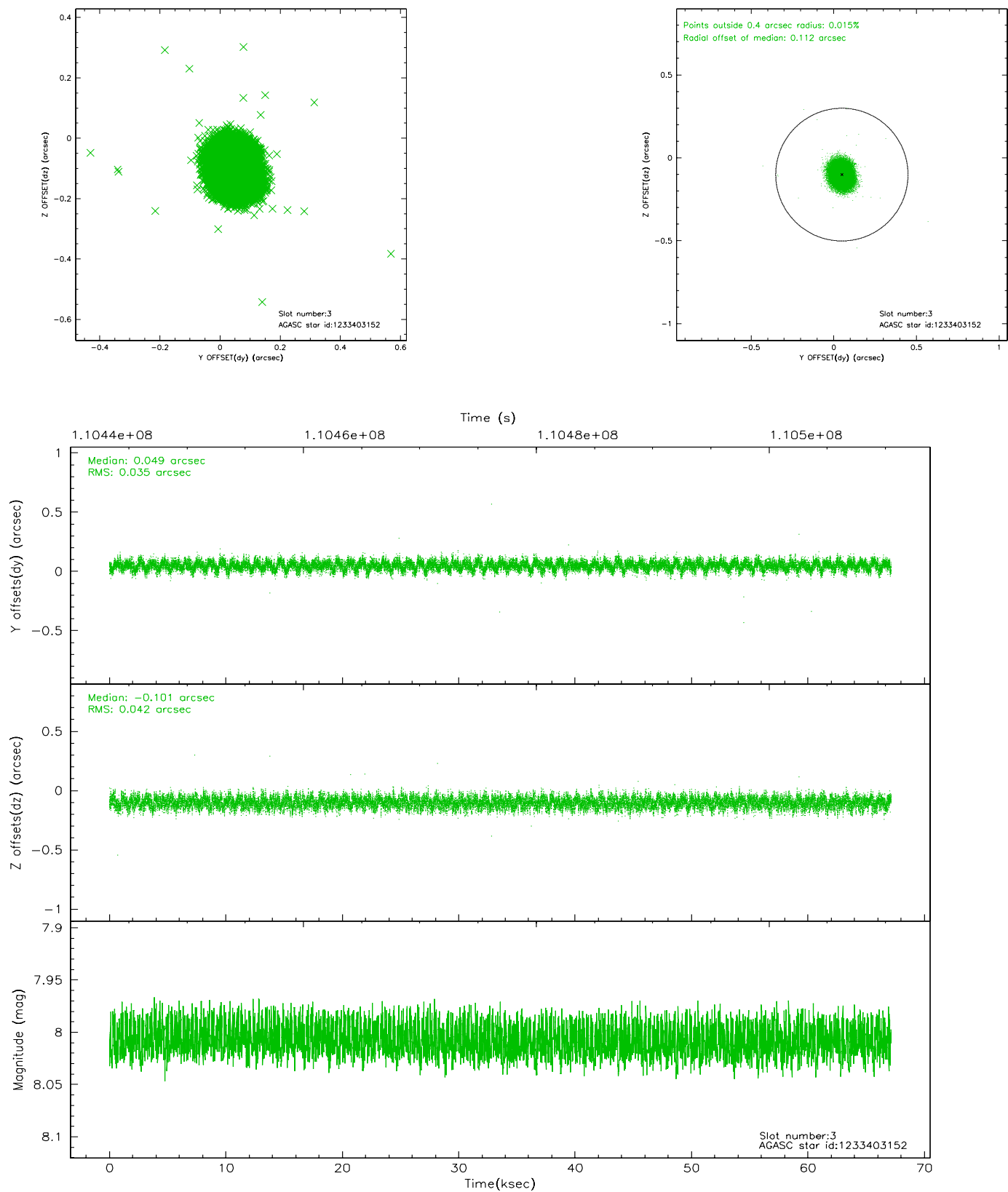


Slot Statistics

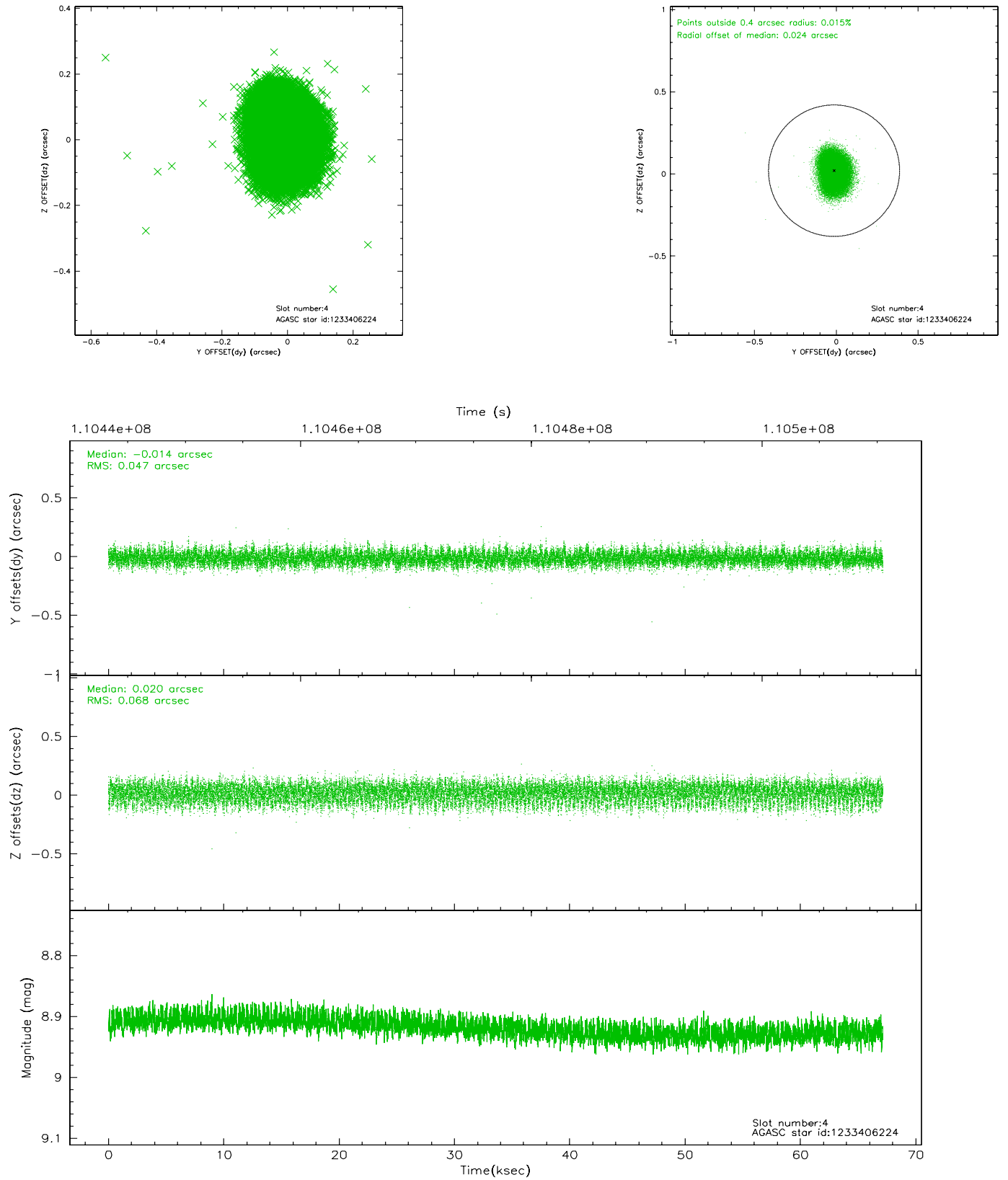
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-2	7.15	16373	-0.015	-0.030	0.012	0.020	0.000000	0.000000	-755.64	-835.33
1	FID	ACIS-I-4	7.18	16372	-0.077	0.027	0.009	0.016	0.000000	0.000000	2158.36	1070.95
2	FID	ACIS-I-5	7.23	16373	-0.009	0.072	0.009	0.016	0.000000	0.000000	-1809.55	1068.75
3	GUIDE	1233403152	8.01	32753	0.049	-0.101	0.058	0.092	166.490891	-76.130246	-901.48	-1501.47
4	GUIDE	1233406224	8.92	32738	-0.014	0.020	0.088	0.140	165.491701	-76.052600	-715.71	-2390.88
5	GUIDE	1233913328	9.49	32722	-0.054	0.078	0.098	0.159	168.791214	-77.037709	1073.95	1732.38
6	GUIDE	1233409960	9.09	32737	0.026	-0.135	0.069	0.115	167.458448	-76.613256	227.89	54.67
7	GUIDE	1233408800	9.12	32747	-0.007	0.143	0.072	0.115	168.383103	-76.056782	-1910.77	-185.33

2.4 Star Slots

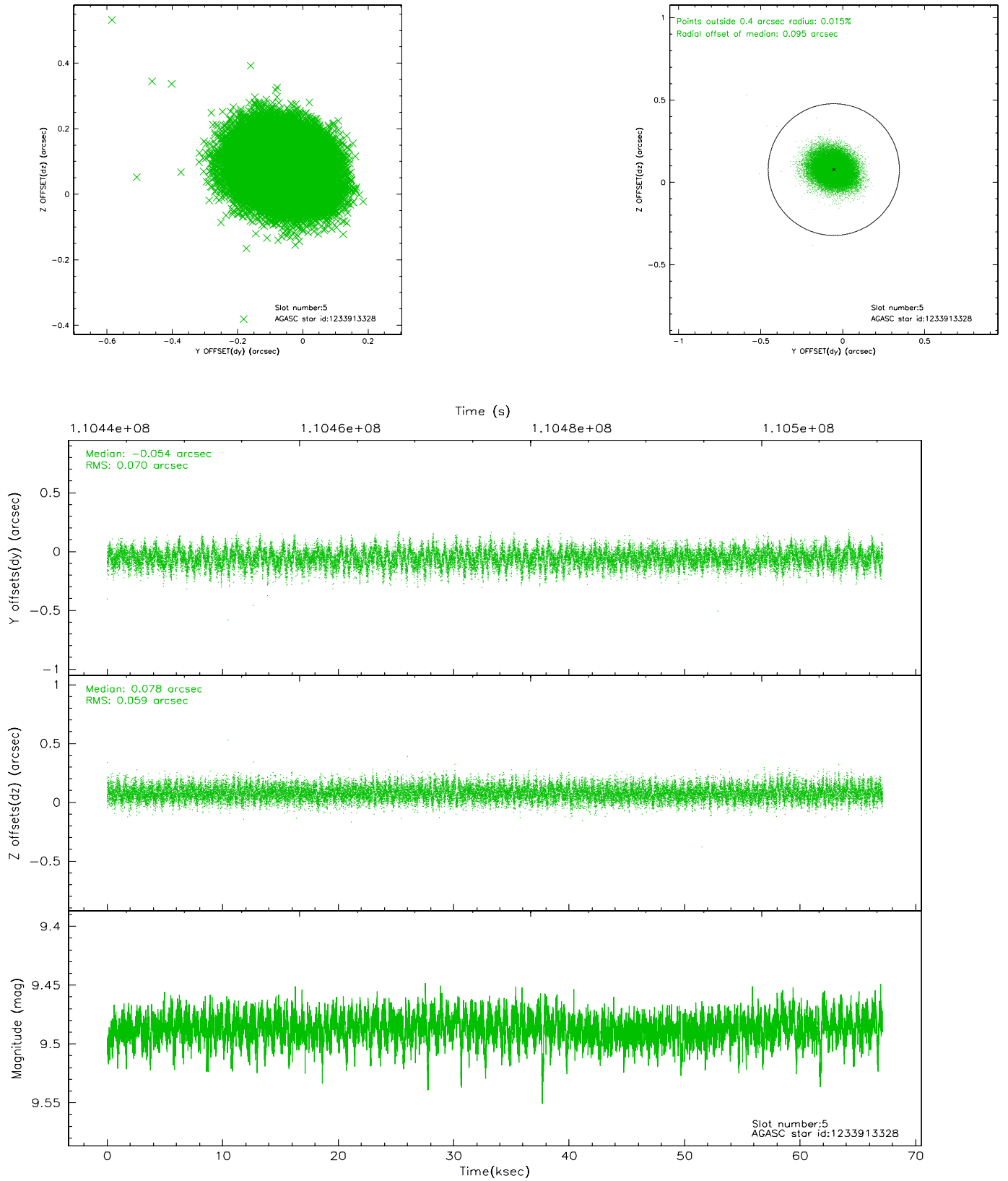
2.4.1 Slot 3



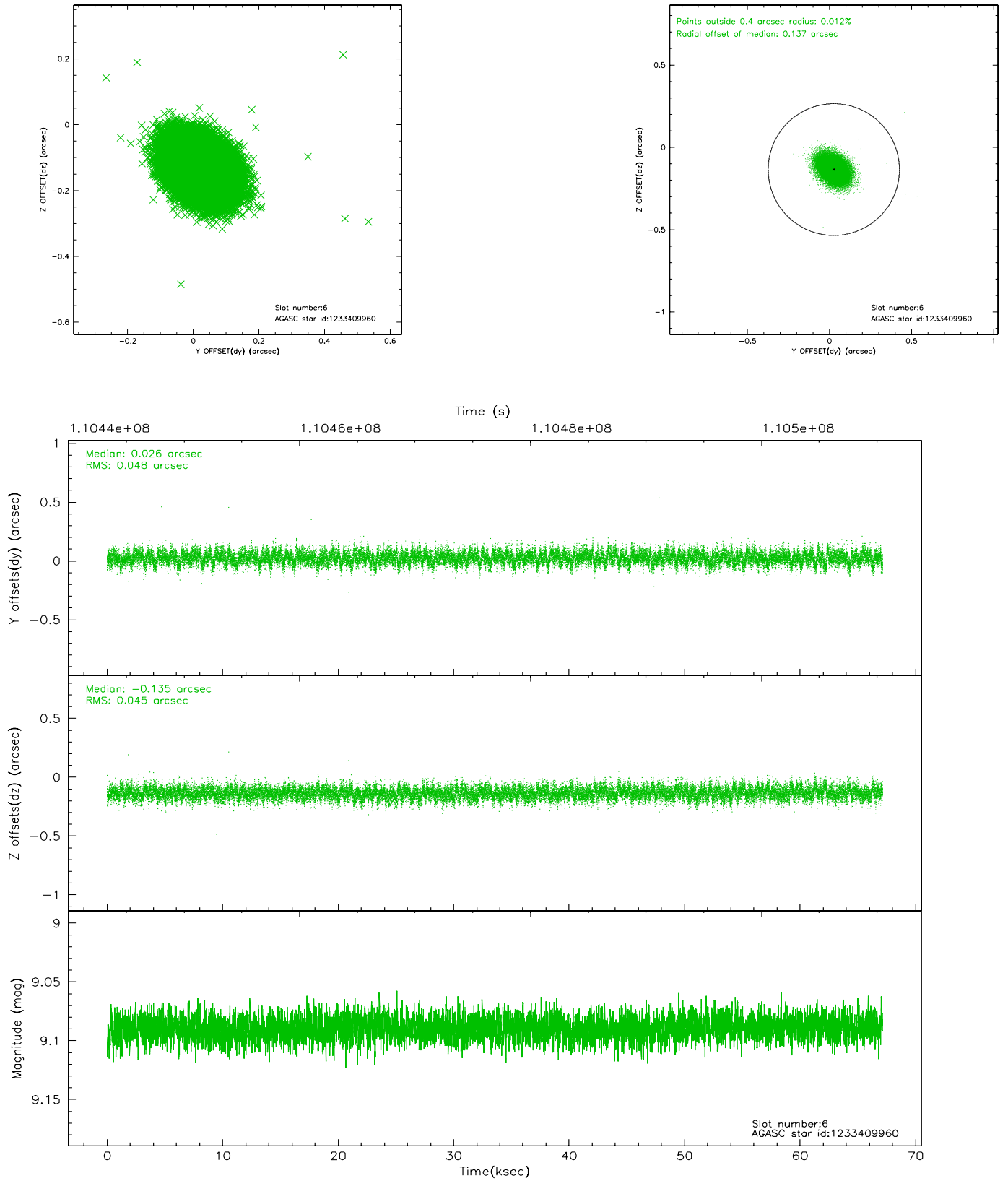
2.4.2 Slot 4



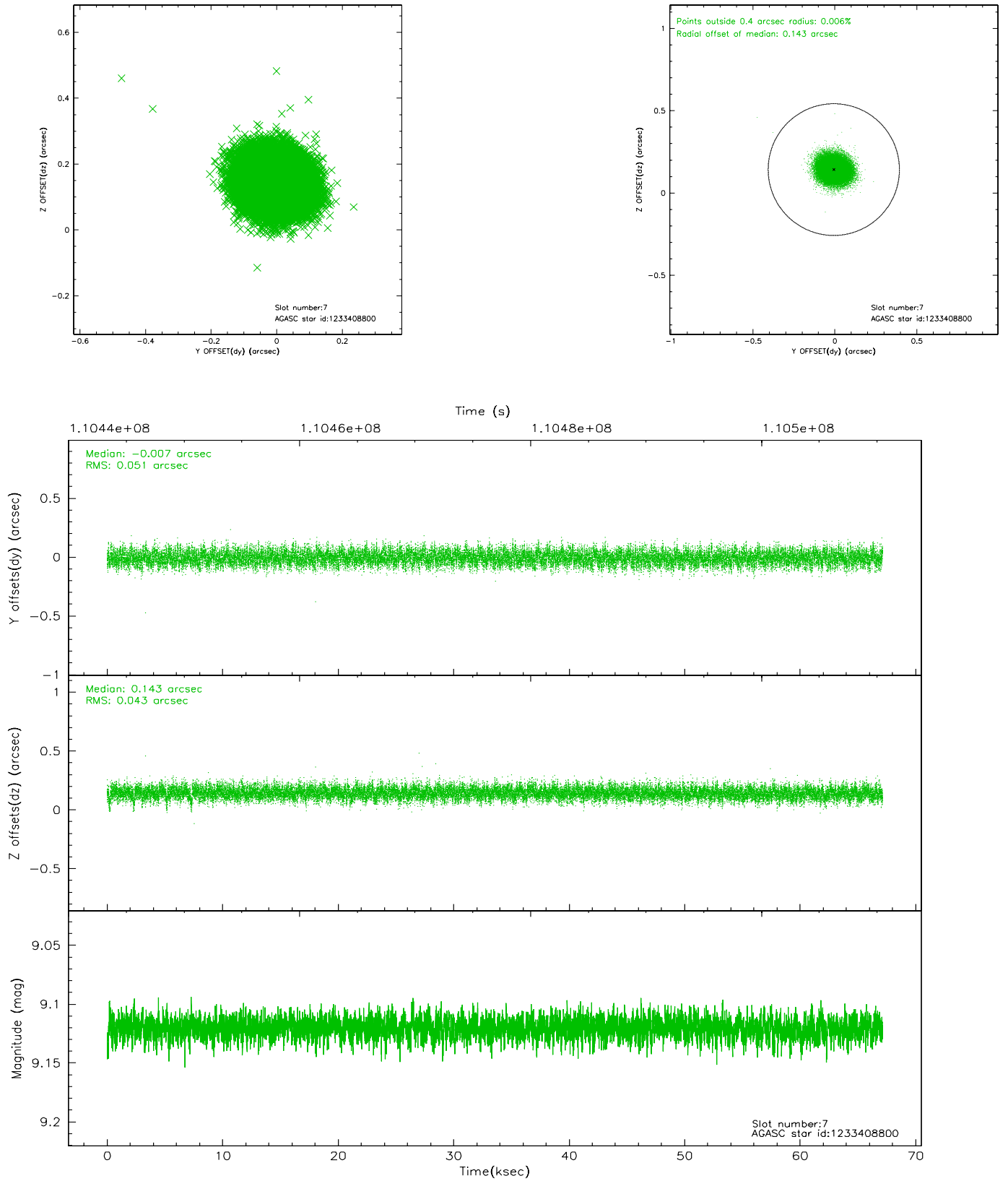
2.4.3 Slot 5



2.4.4 Slot 6

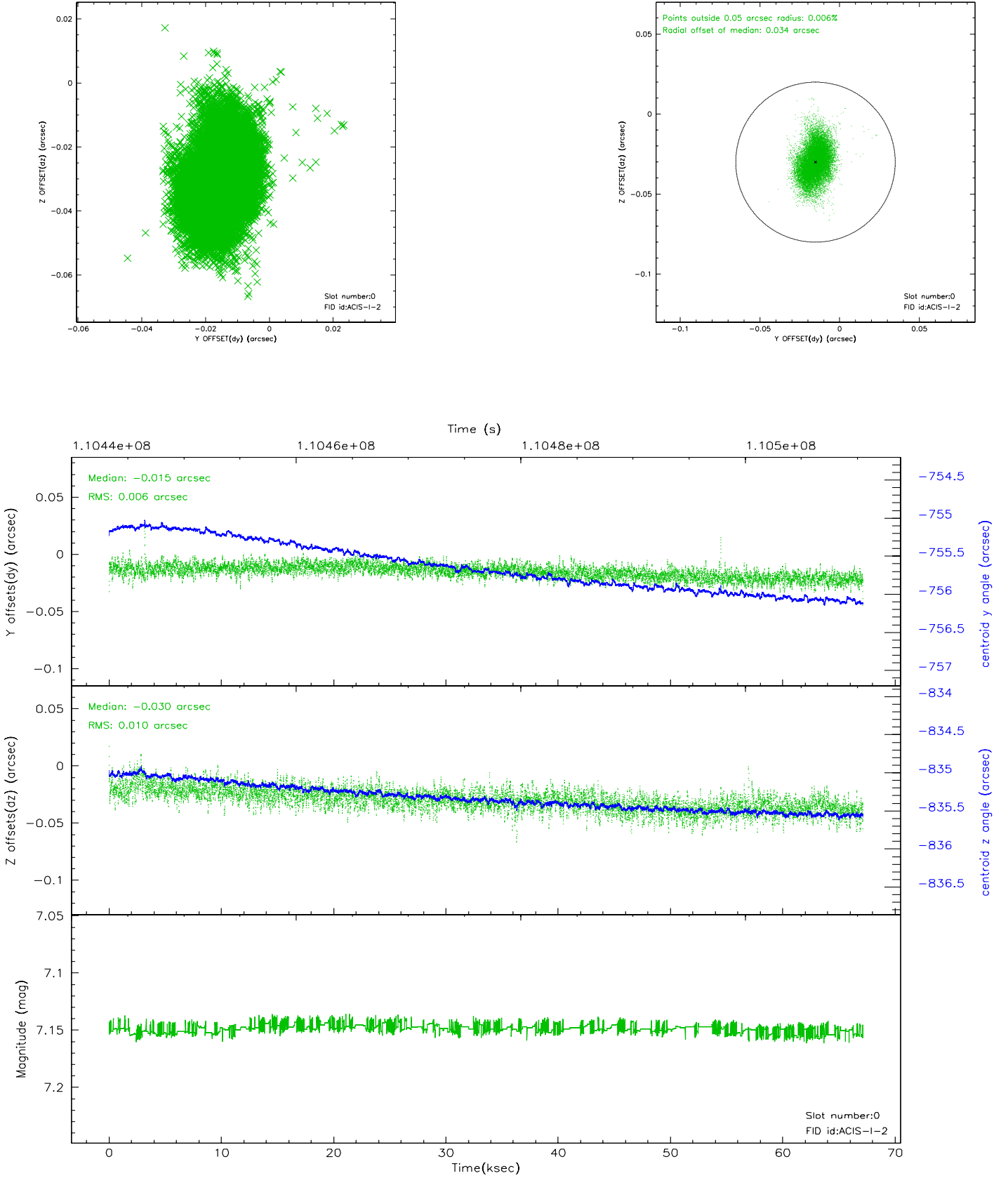


2.4.5 Slot 7

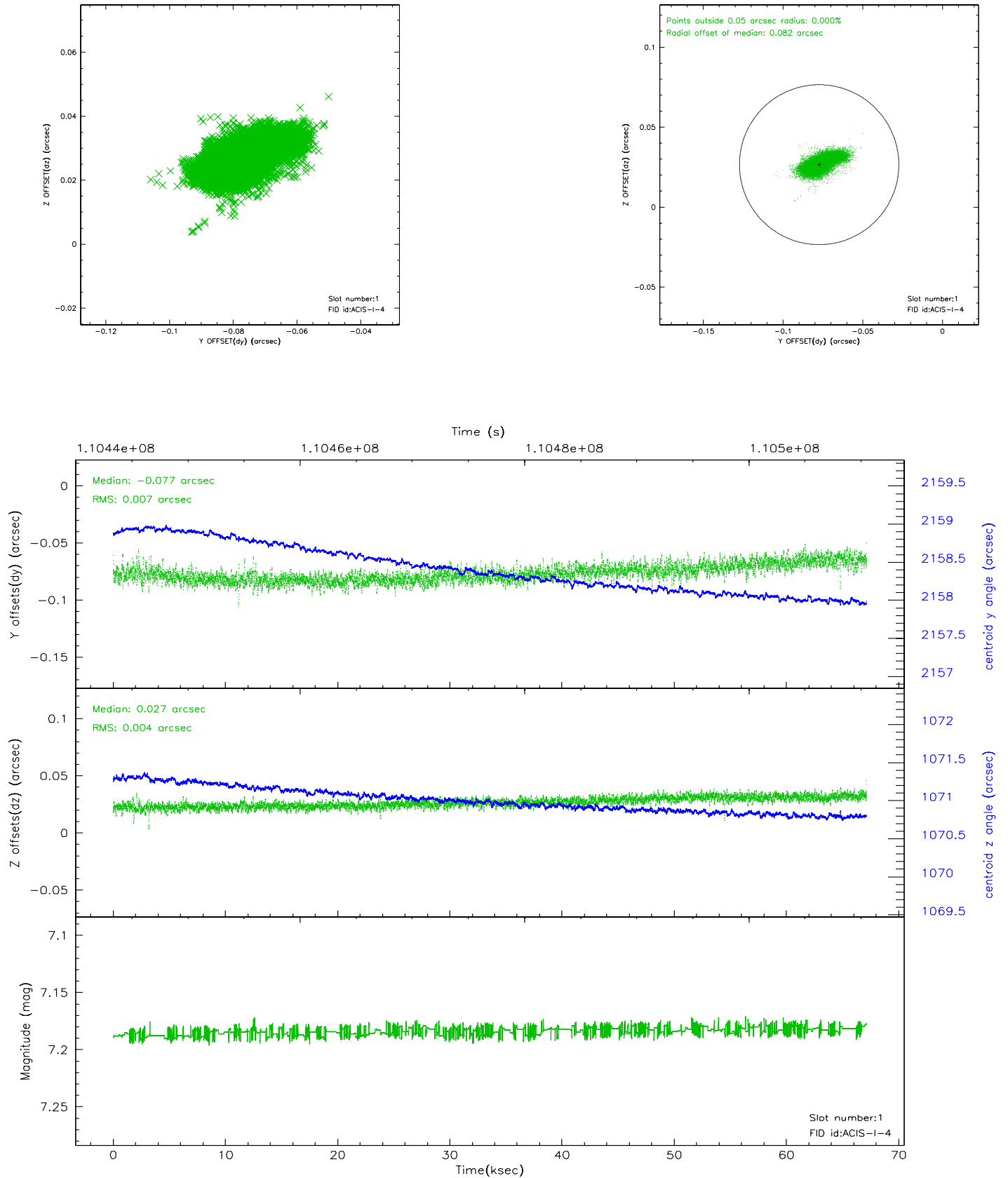


2.5 FID Slots

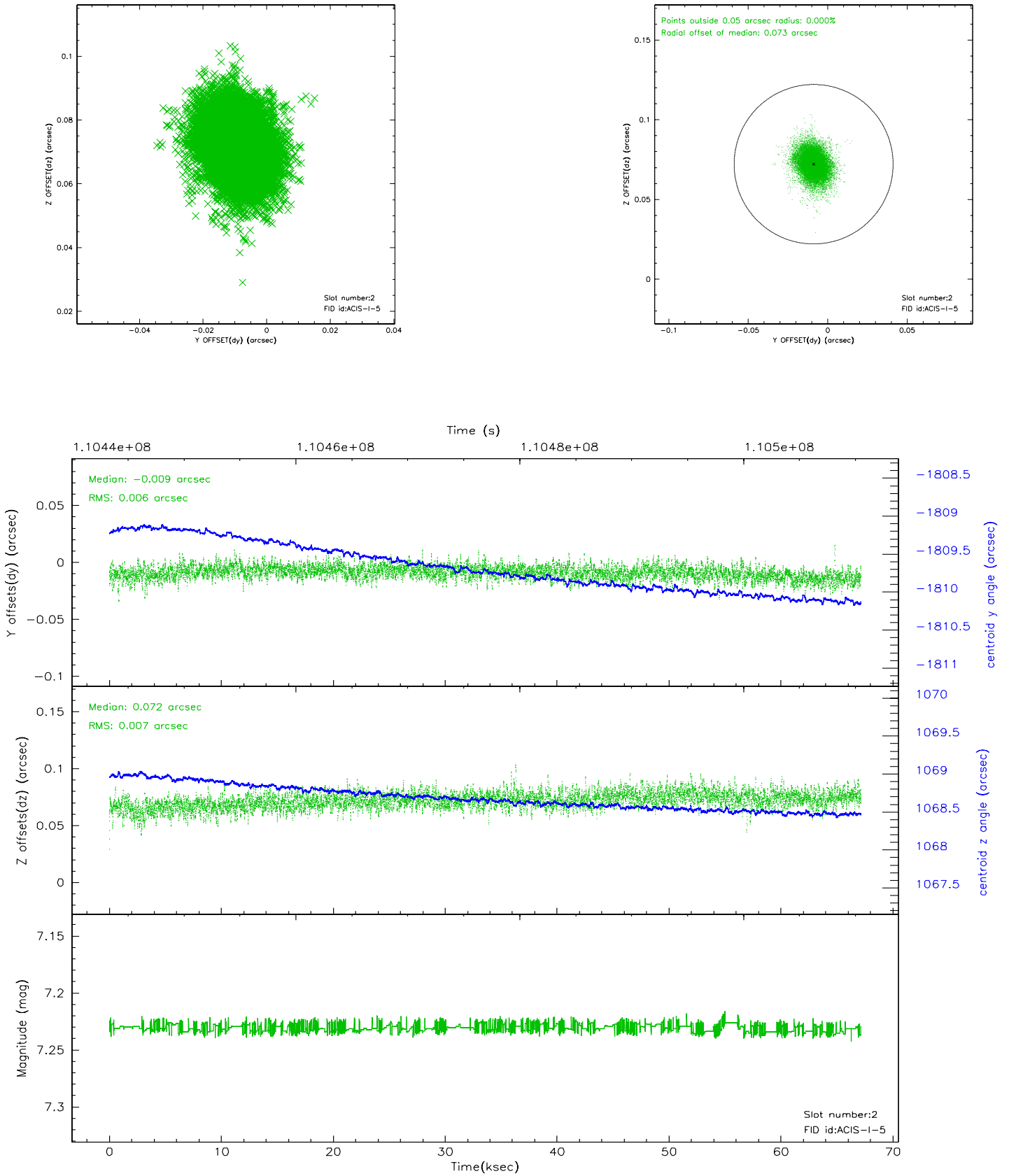
2.5.1 Slot 0



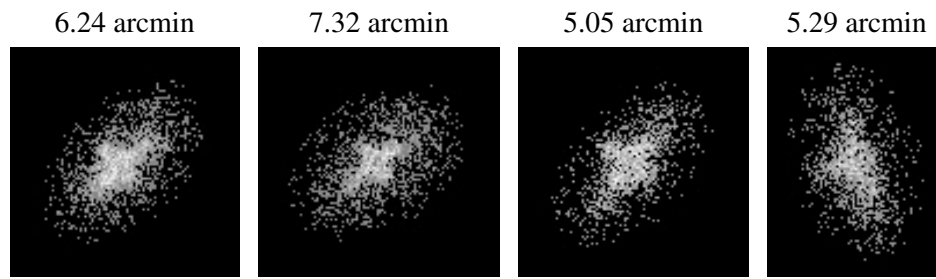
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.12.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	67.142

A.2 Comments