

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 2049 - L2 Version 001
Chandra X-Ray Center

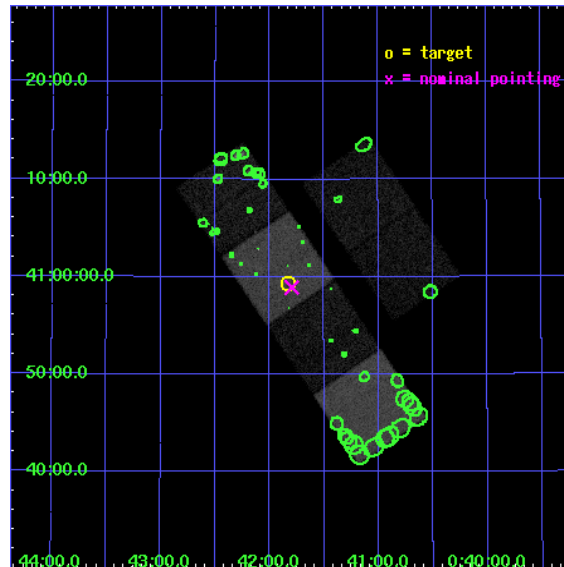
L2 Processing Date : Jun 14 2007

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1 Front

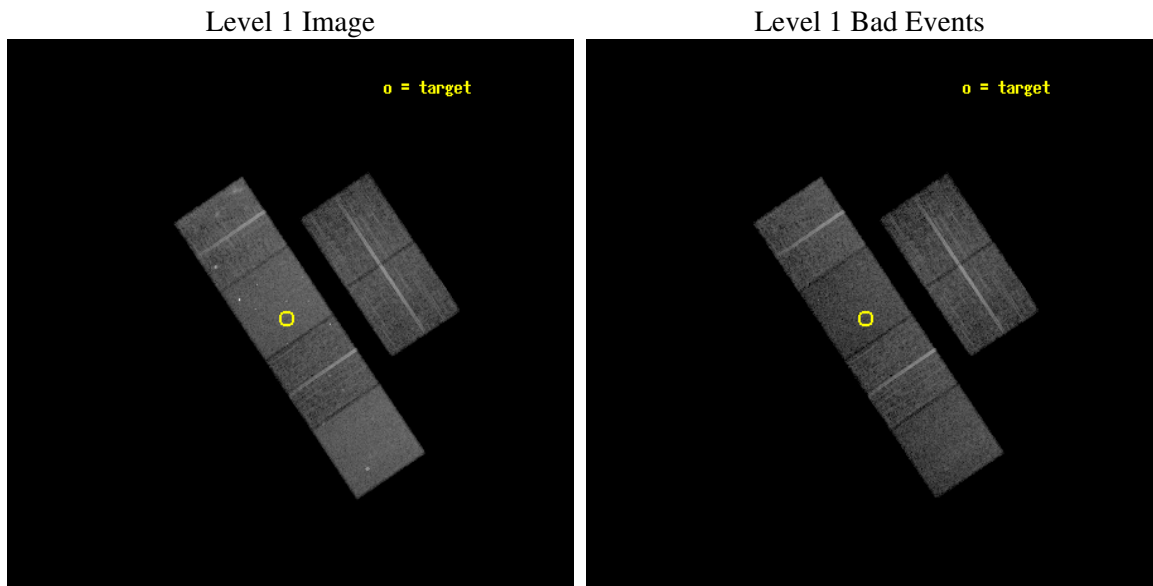
seq_num	600183
obs_id	2049
title	2001: A SPACE CENSUS -- SUPERSOFT X-RAY SOURCES AND OTHER X-RAY SOURCES IN M31
observer	Dr. Rosanne Di Stefano
object	M31_2
dtcycle	0
cycle	P
ra_targ	10.457917
dec_targ	40.988889
ra_nom	10.448791450537
dec_nom	40.981869934582
roll_nom	236.05514661989
revision	2
ontime	14755.200013742
livetime	14568.360786653
ontime2	14755.200013742
ontime3	14755.200013742
ontime5	14755.200013742
ontime6	14755.200013742
ontime7	14755.200013742
ontime8	14751.959163114
l2events	146284



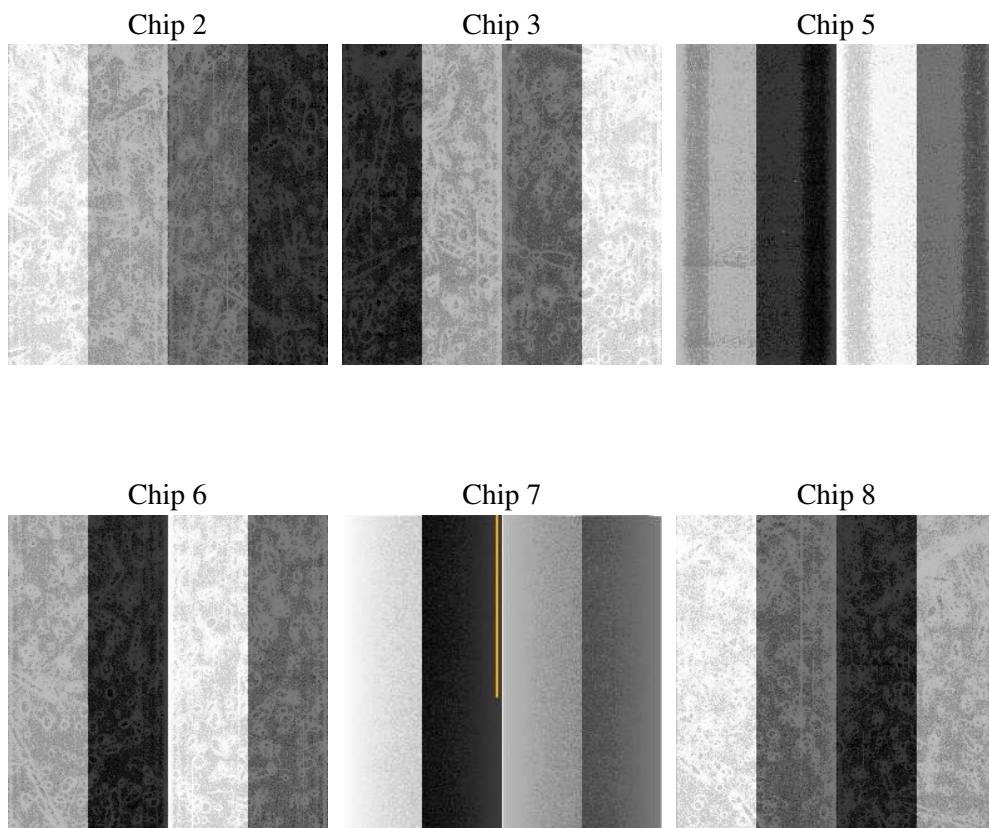
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.10
caldbver	3.4.0
date	2007-06-14T13:01:16
revision	2

sched_exp_time	15000.000000
ontime	14755.200013742
ontime2	14755.200013742
ontime3	14755.200013742
ontime5	14755.200013742
ontime6	14755.200013742
ontime7	14755.200013742
ontime8	14751.959163114
l1events	632078

2.1.4 Events

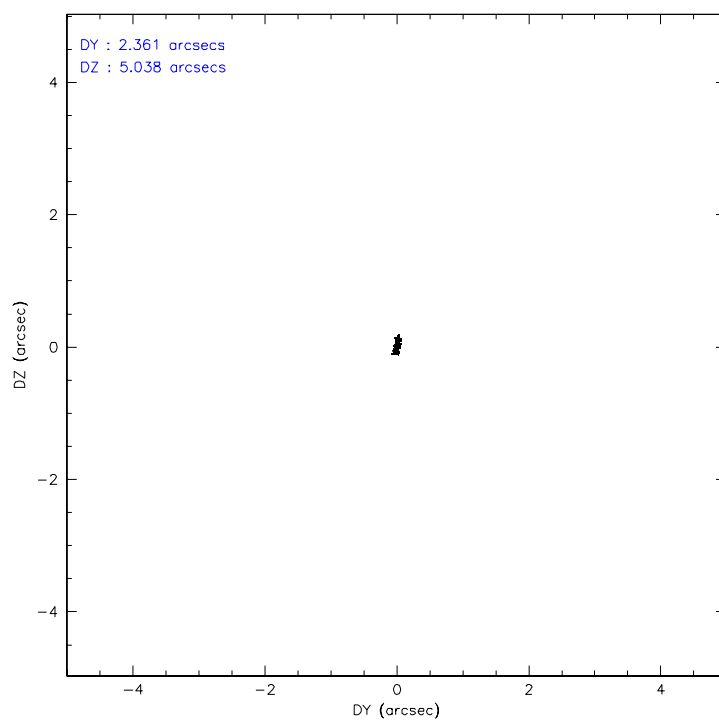
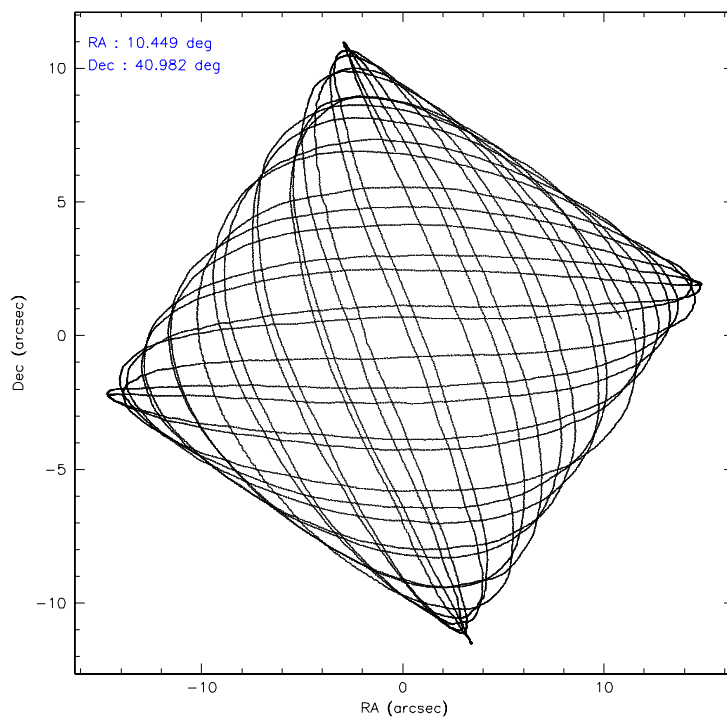
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	92339	88466	121710	92127	117785	119651
rejected events	82735	78448	66143	80909	64707	93617
rejected %	89%	88%	54%	87%	54%	78%

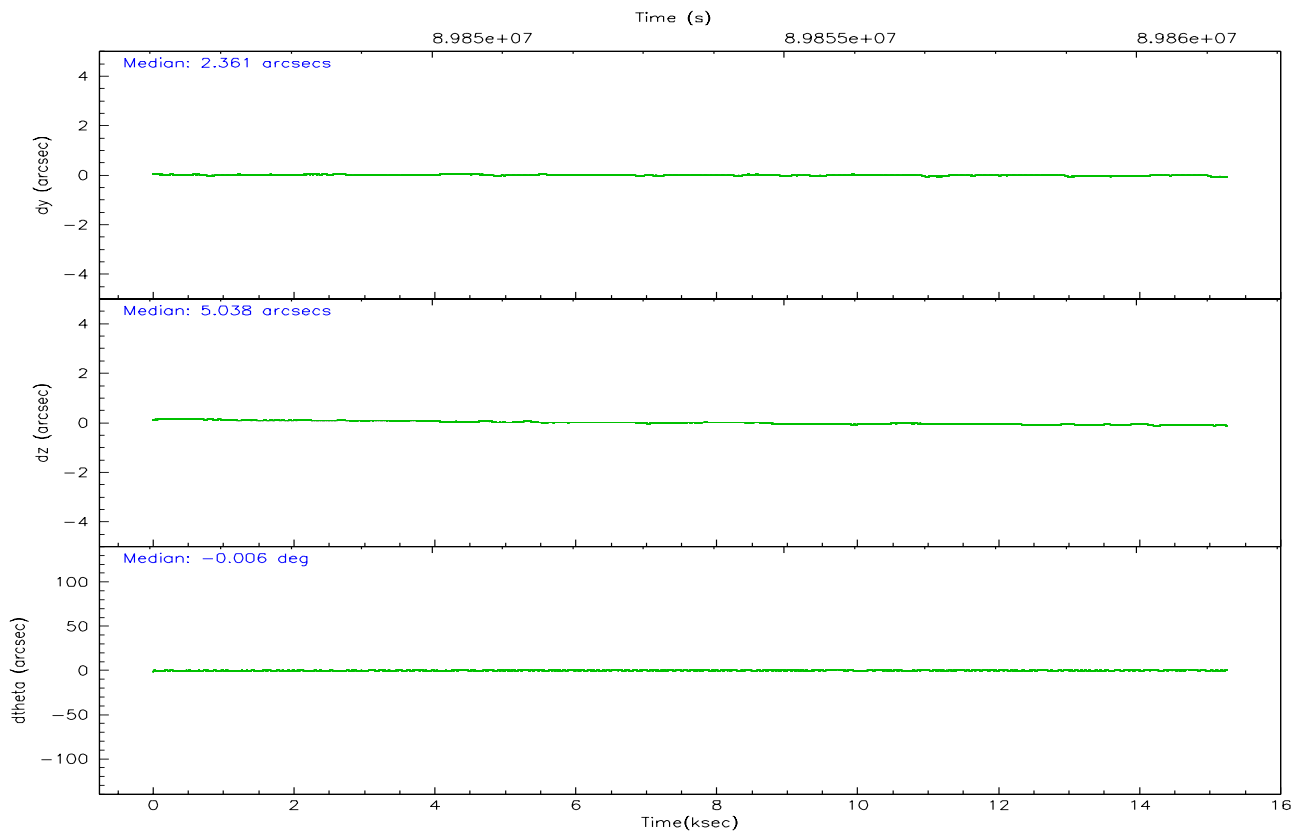
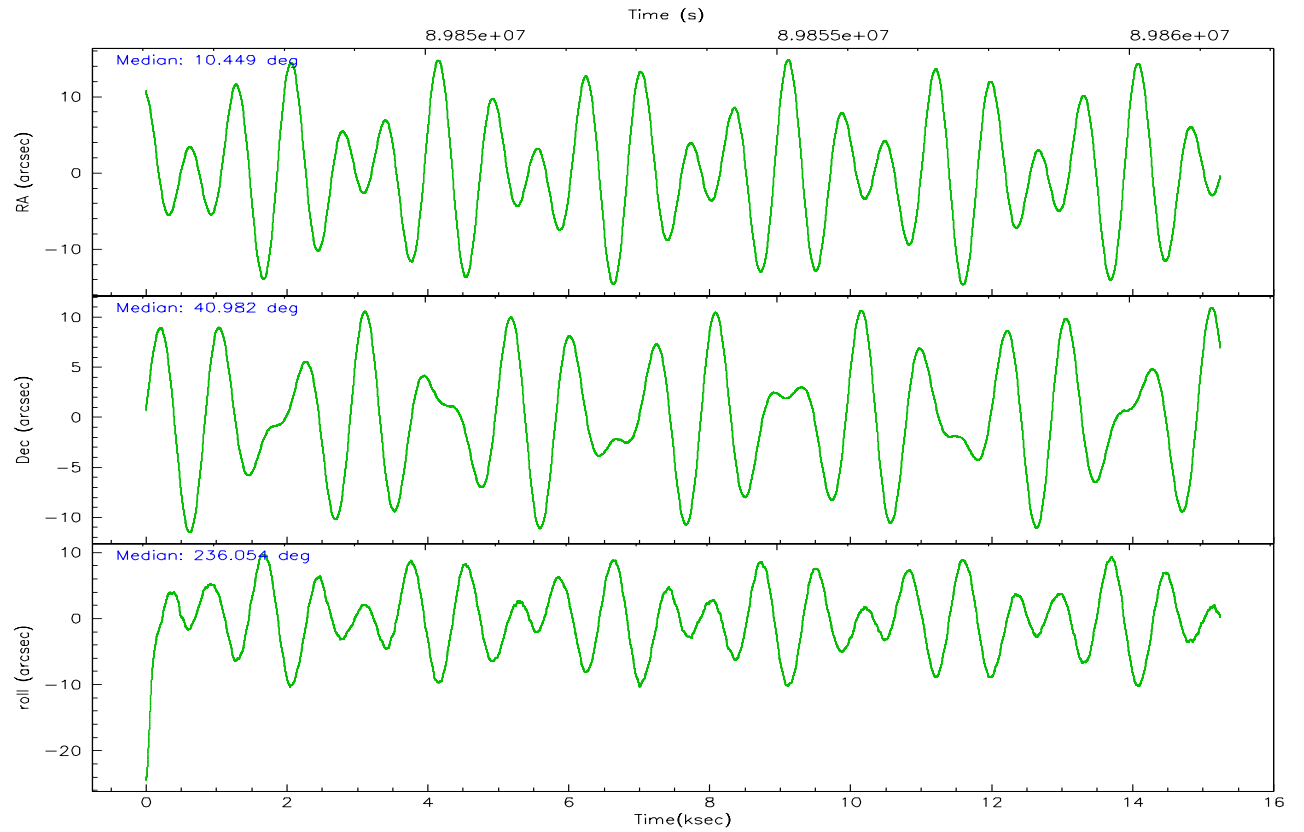
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	3970	4348	4846	5043	5968	10219
	4%	4%	3%	5%	5%	8%
grade 1 events	44	33	116	43	112	73
	0%	0%	0%	0%	0%	0%
grade 2 events	2016	1907	16198	2135	10606	5159
	2%	2%	13%	2%	9%	4%
grade 3 events	924	1009	2842	1057	4951	2543
	1%	1%	2%	1%	4%	2%
grade 4 events	960	1000	2578	974	4967	2361
	1%	1%	2%	1%	4%	1%
grade 5 events	3056	3217	9355	3658	10653	4526
	3%	3%	7%	3%	9%	3%
grade 6 events	1740	1758	29130	2011	26625	5753
	1%	1%	23%	2%	22%	4%
grade 7 events	79629	75194	56645	77206	53903	89017
	86%	84%	46%	83%	45%	74%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-235678	ACIS-235678	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	10.451003	10.4487914505373	Subarray requested	NONE	NONE
Pointing Dec	41.009123	40.98186993458165	Alternating exposures requested	N	N
Pointing Roll	235.897066	236.0551466198928	Primary exposure time	0.000000	3.2
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	89846231.184000	89845836.89116199			
Observation start date	2000-11-05T21:16:07	2000-11-05T21:10:36			
Observation end time	89861231.184000	89862127.216777			
Observation end date	2000-11-06T01:26:07	2000-11-06T01:42:07			
Read mode	TIMED	TIMED			

2.3 Aspect



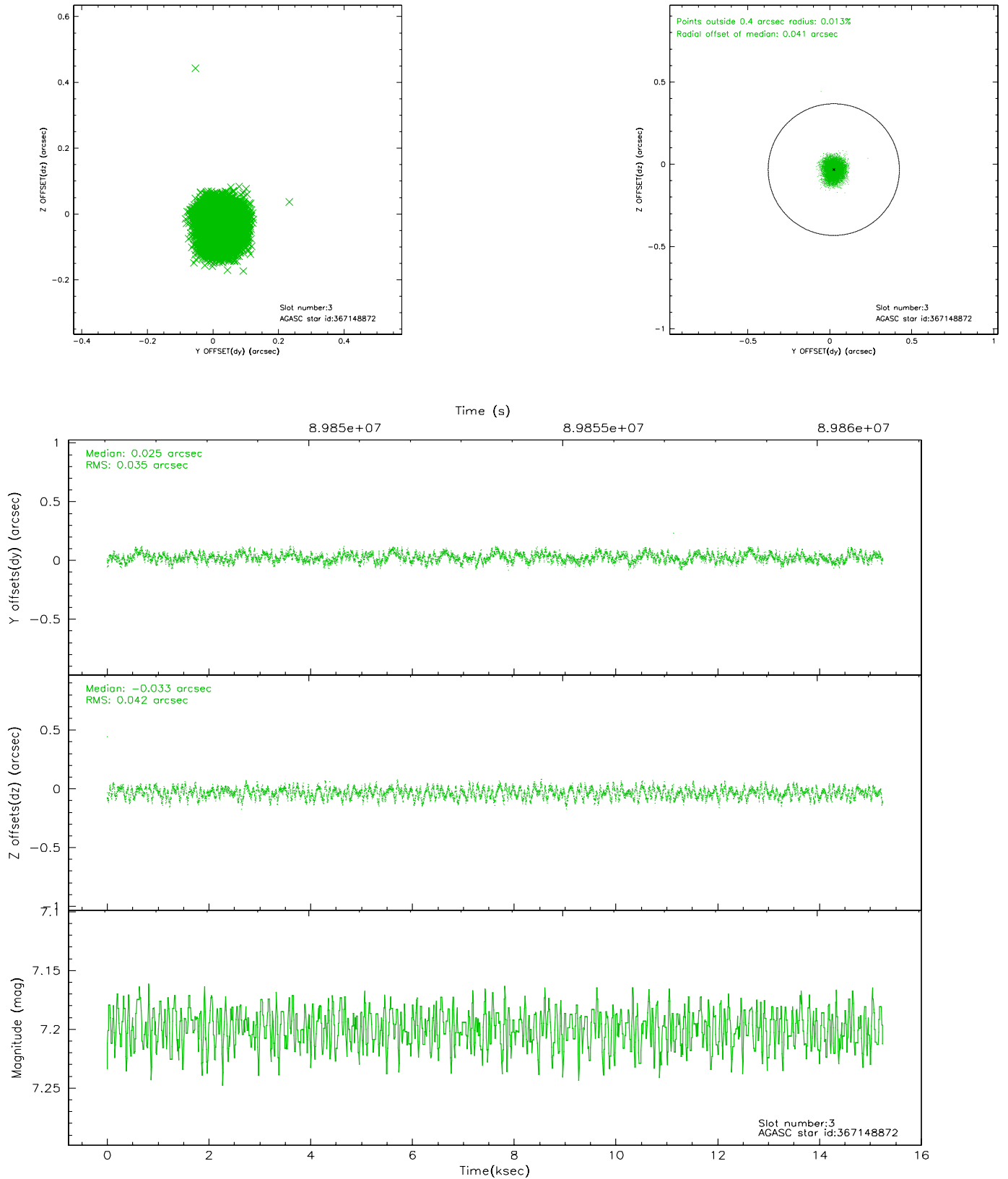


Slot Statistics

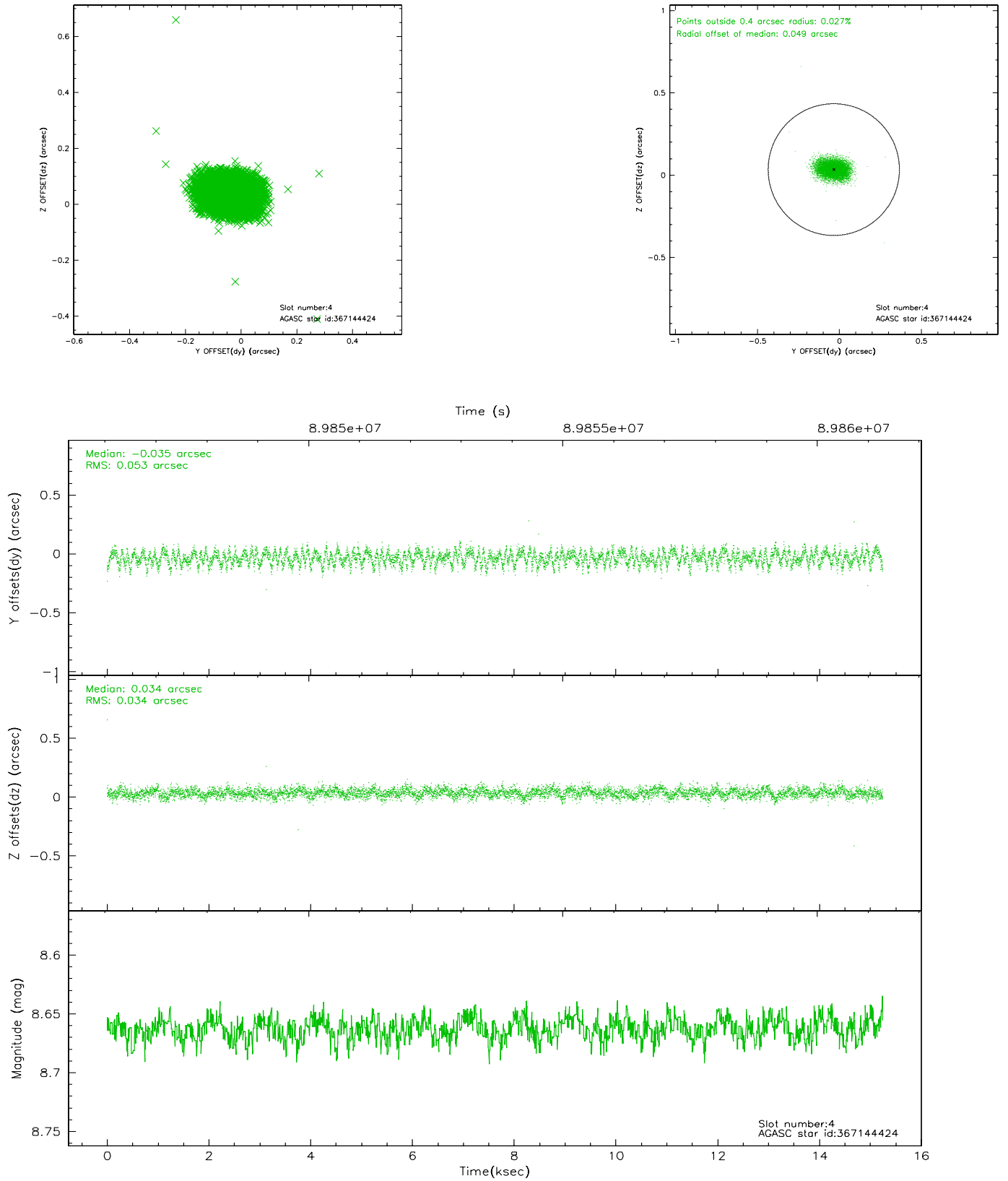
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.19	3719	-0.006	0.046	0.008	0.013	0.000000	0.000000	941.05	-1721.74
1	FID	ACIS-S-4	7.21	3717	-0.049	-0.025	0.006	0.011	0.000000	0.000000	2158.56	182.06
2	FID	ACIS-S-5	7.24	3717	0.027	-0.008	0.006	0.010	0.000000	0.000000	-1807.42	175.97
3	GUIDE	367148872	7.20	7435	0.025	-0.033	0.059	0.089	10.505940	40.688258	873.09	771.14
4	GUIDE	367144424	8.66	7435	-0.035	0.034	0.066	0.108	10.464515	40.309136	2066.56	1443.15
5	GUIDE	367146616	8.86	7436	-0.014	0.019	0.075	0.124	11.418645	41.190163	-2020.62	1796.59
6	GUIDE	367657896	9.02	7434	0.039	-0.012	0.065	0.104	11.197765	41.313576	-2046.45	1052.16
7	GUIDE	367665472	9.48	7436	-0.021	-0.008	0.084	0.135	10.241611	41.730843	-1836.17	-1923.58

2.4 Star Slots

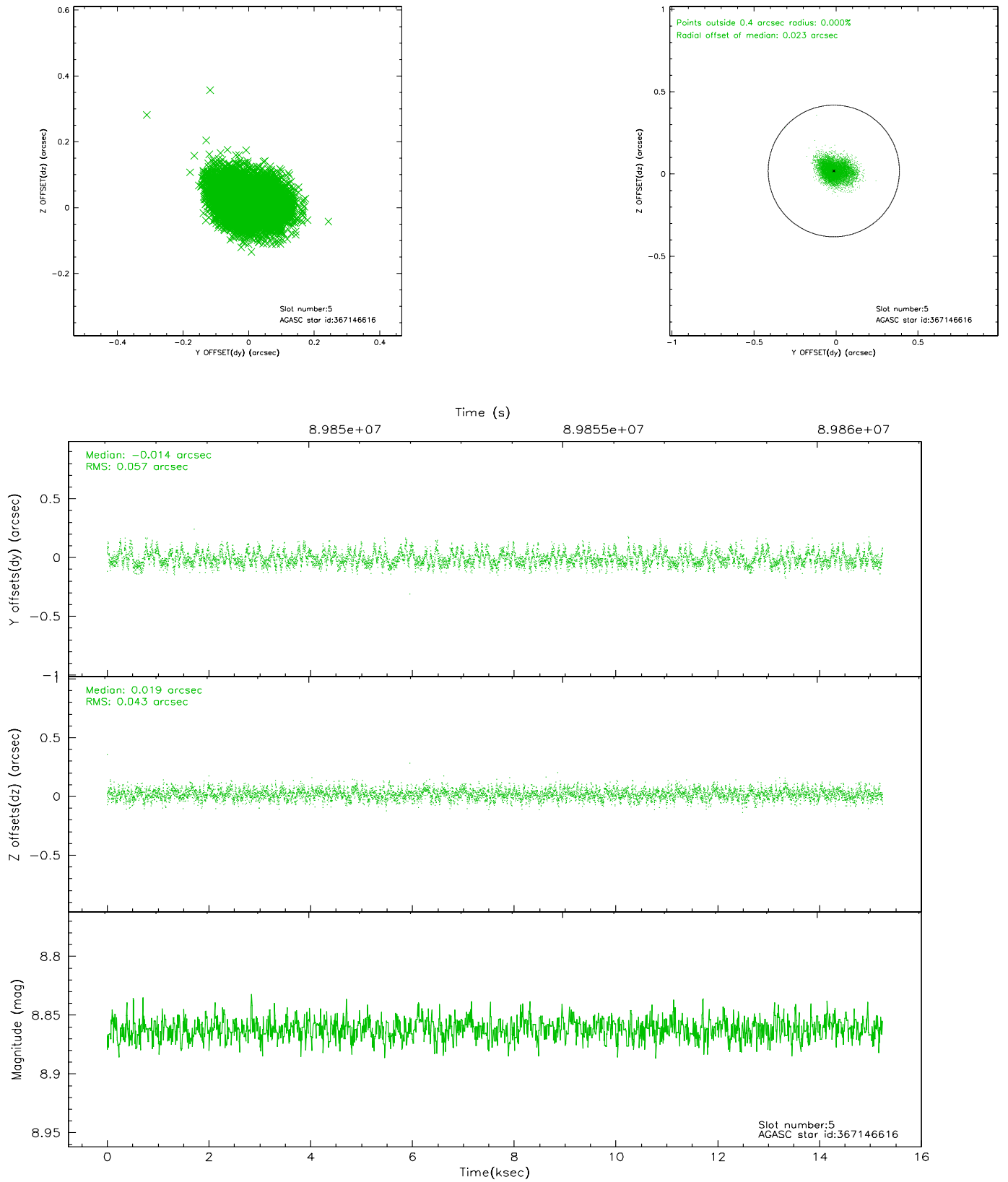
2.4.1 Slot 3



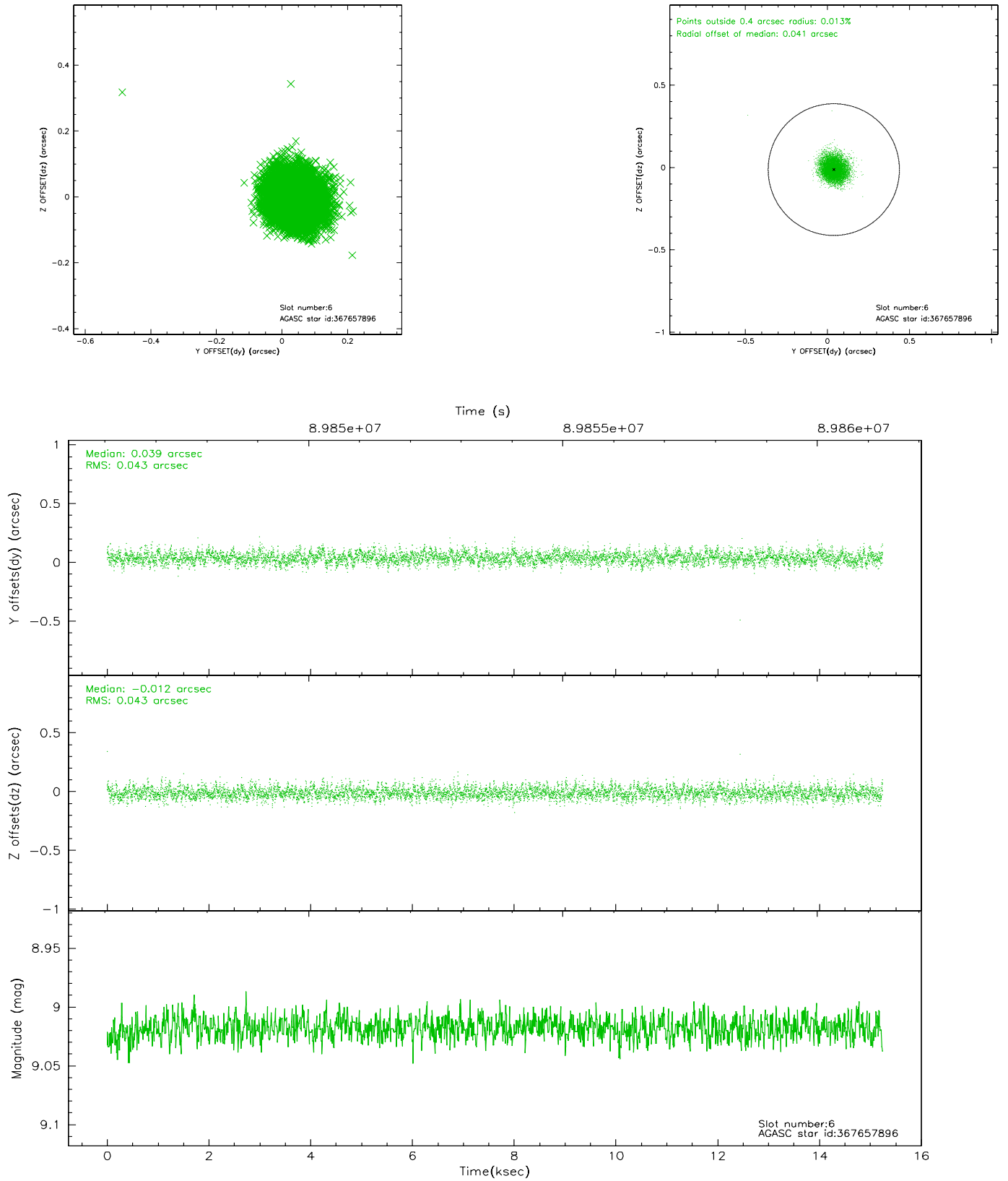
2.4.2 Slot 4



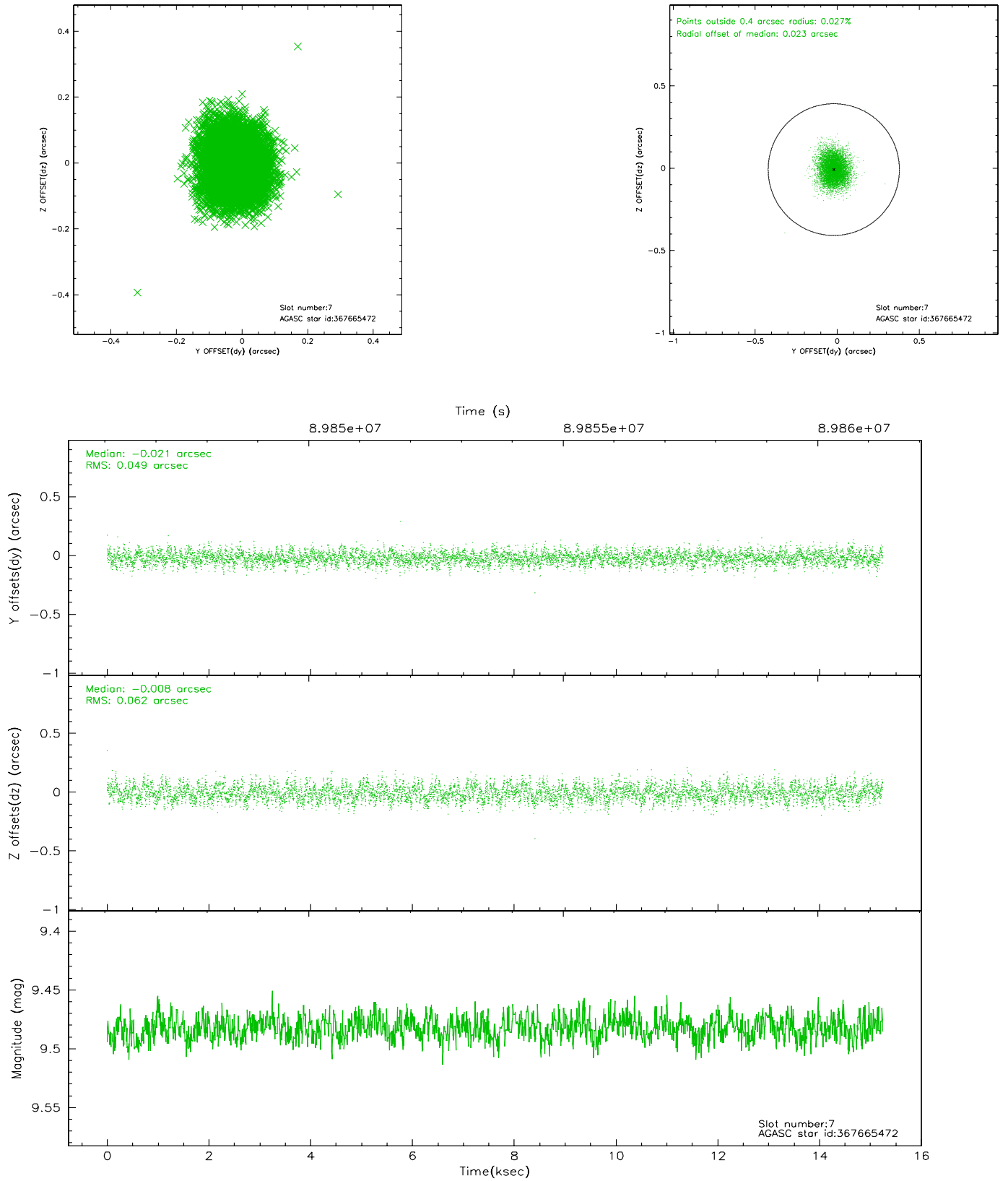
2.4.3 Slot 5



2.4.4 Slot 6

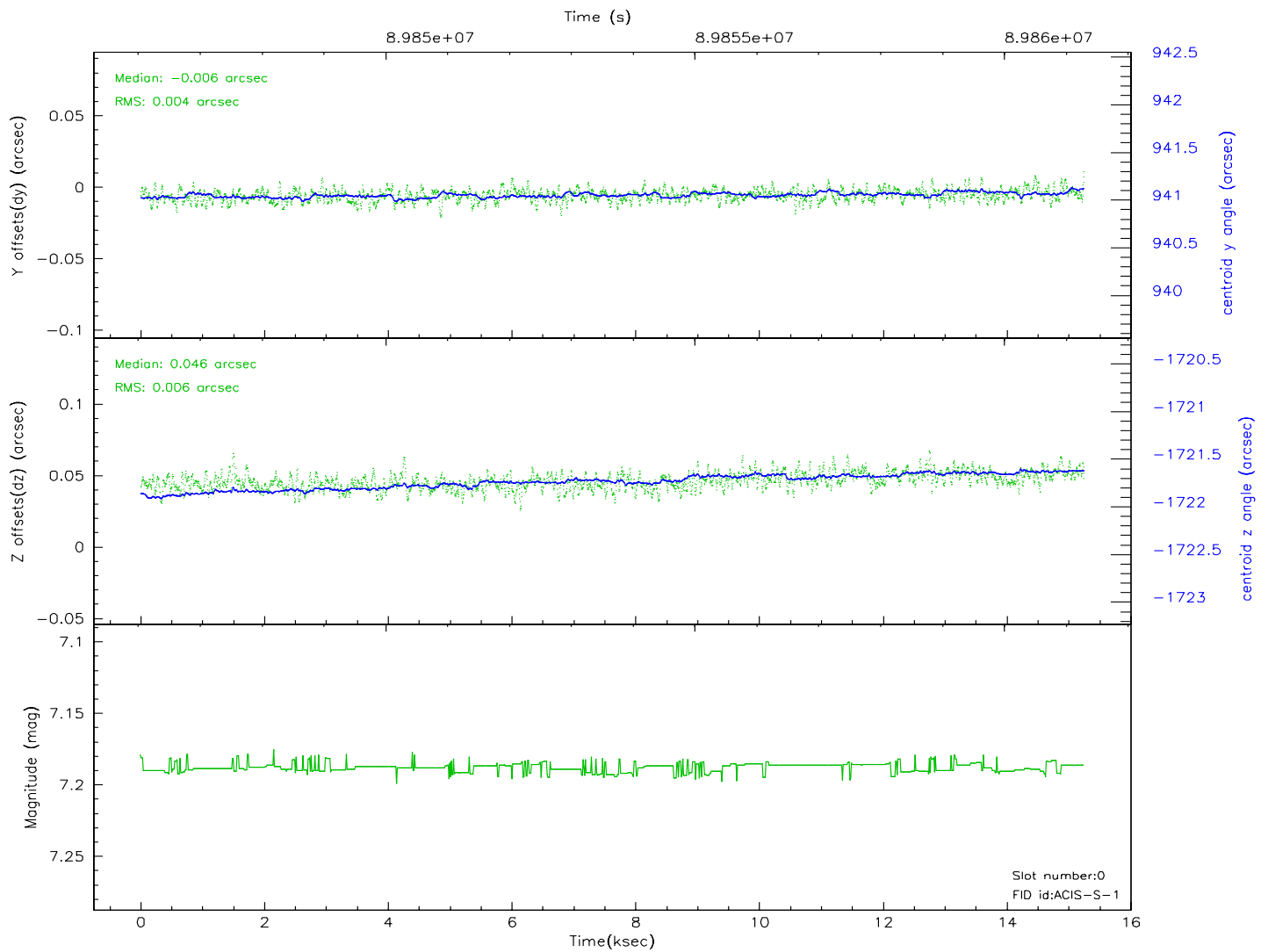
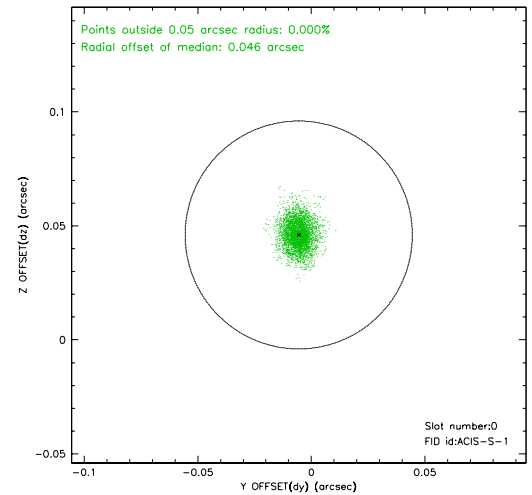
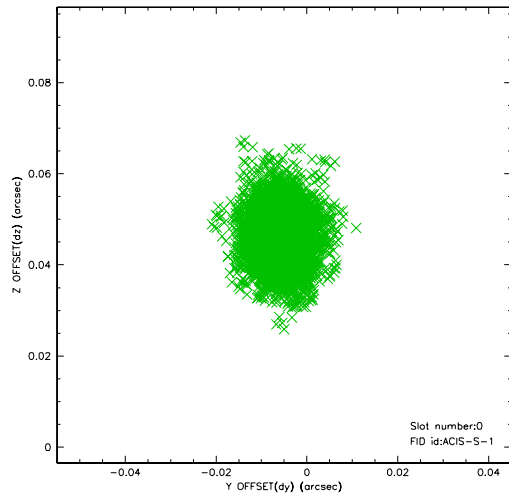


2.4.5 Slot 7

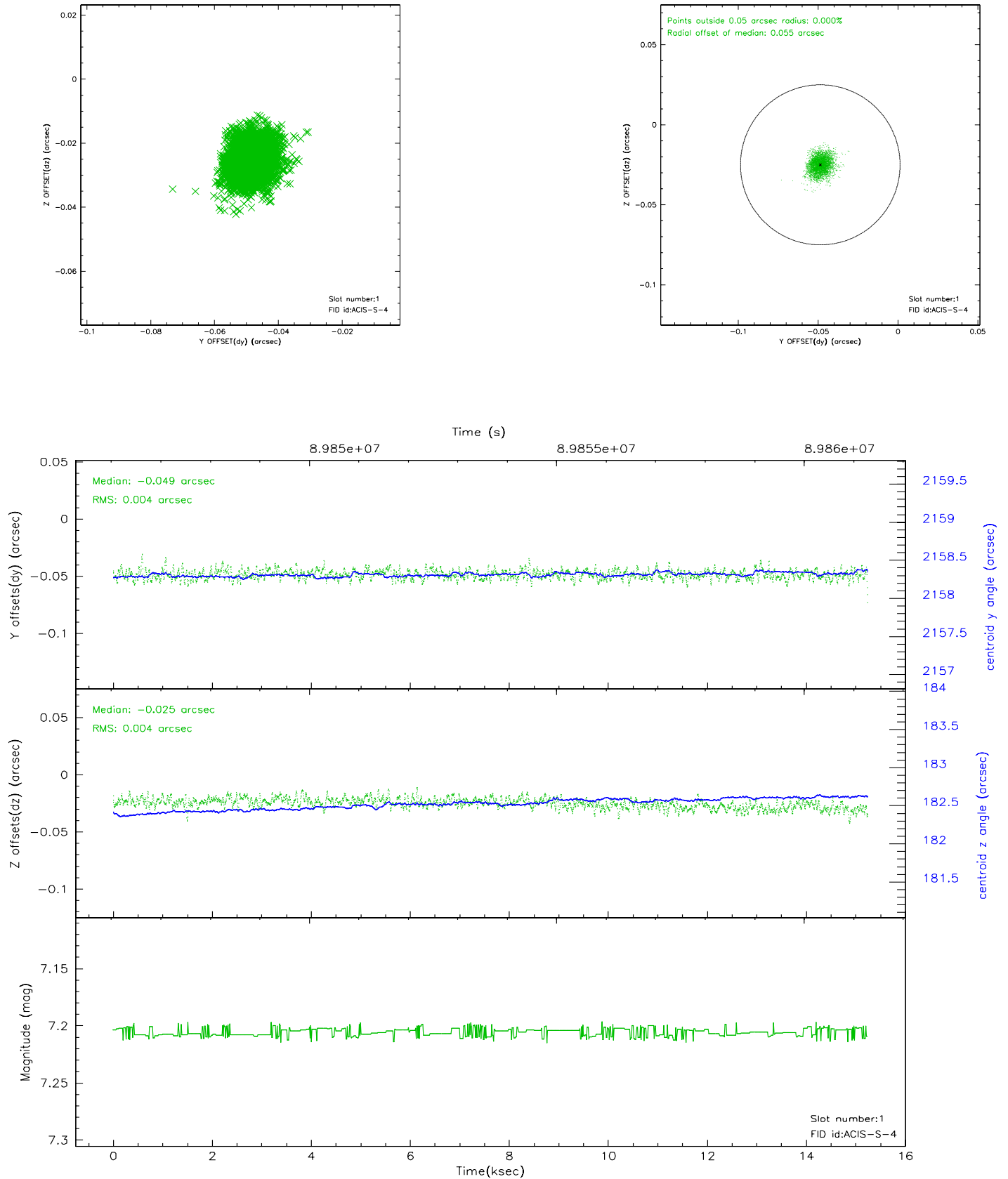


2.5 FID Slots

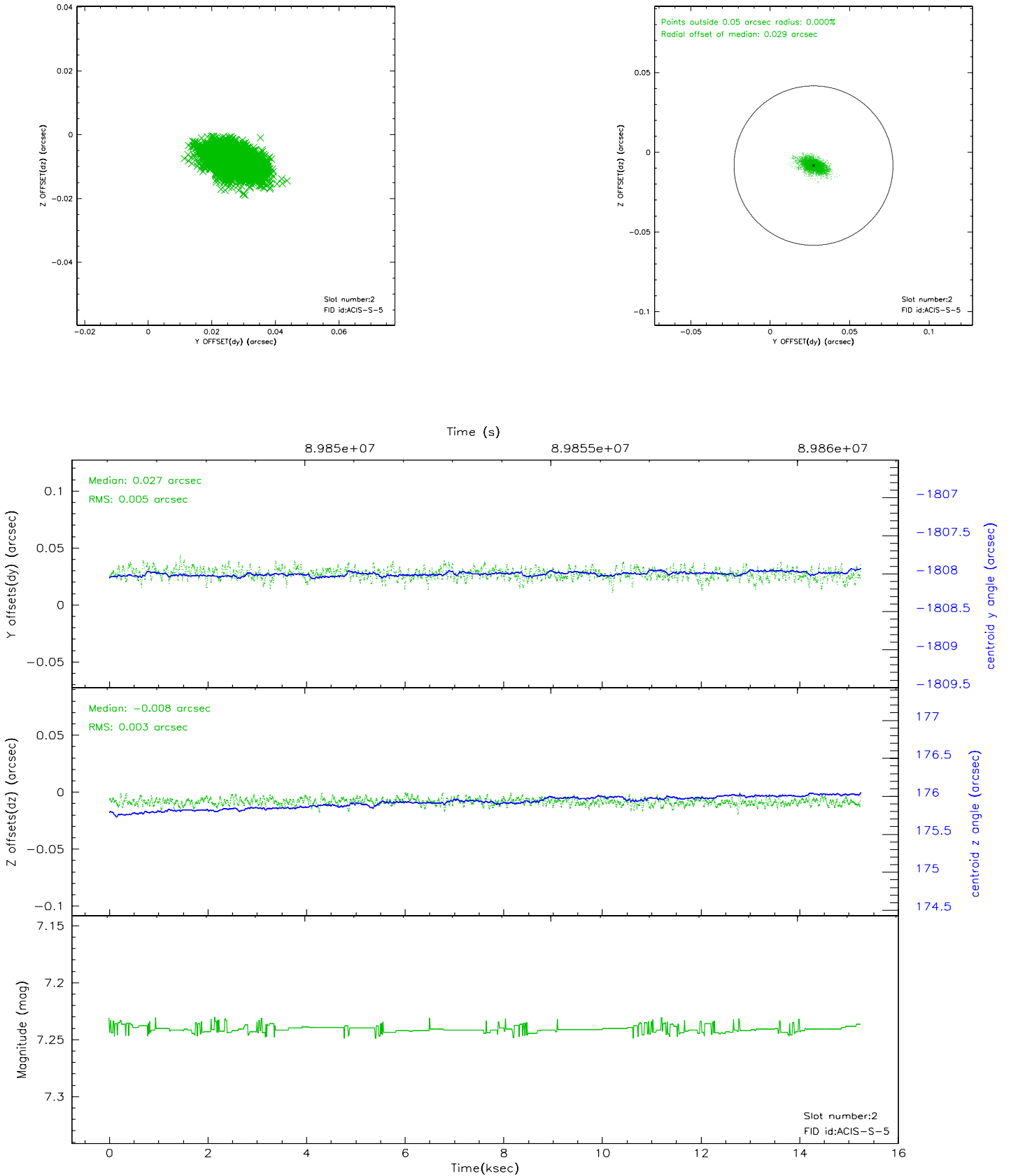
2.5.1 Slot 0



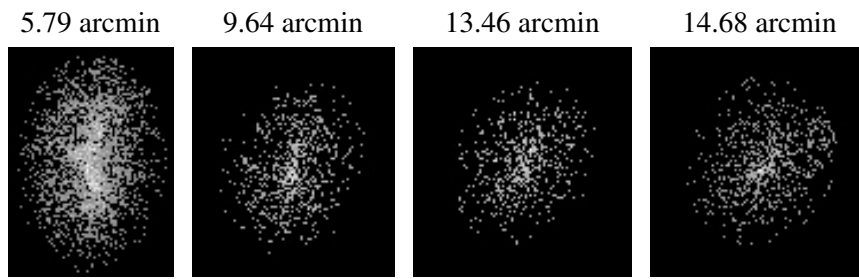
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.06.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	14.758

A.2 Comments