

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 2046 - L2 Version 001
Chandra X-Ray Center

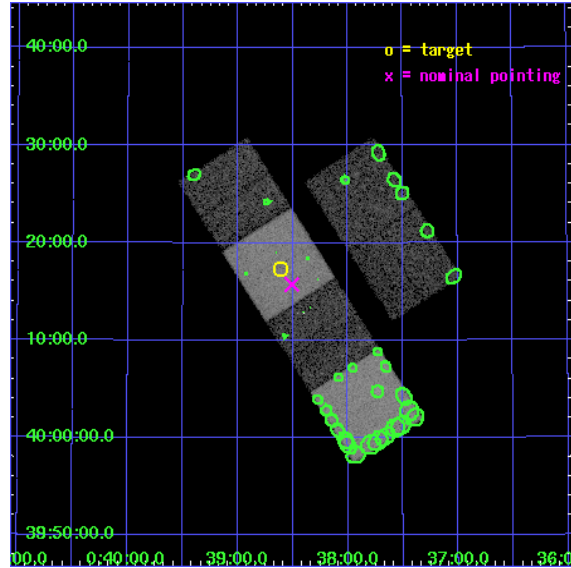
L2 Processing Date : Jun 14 2007

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1 Front

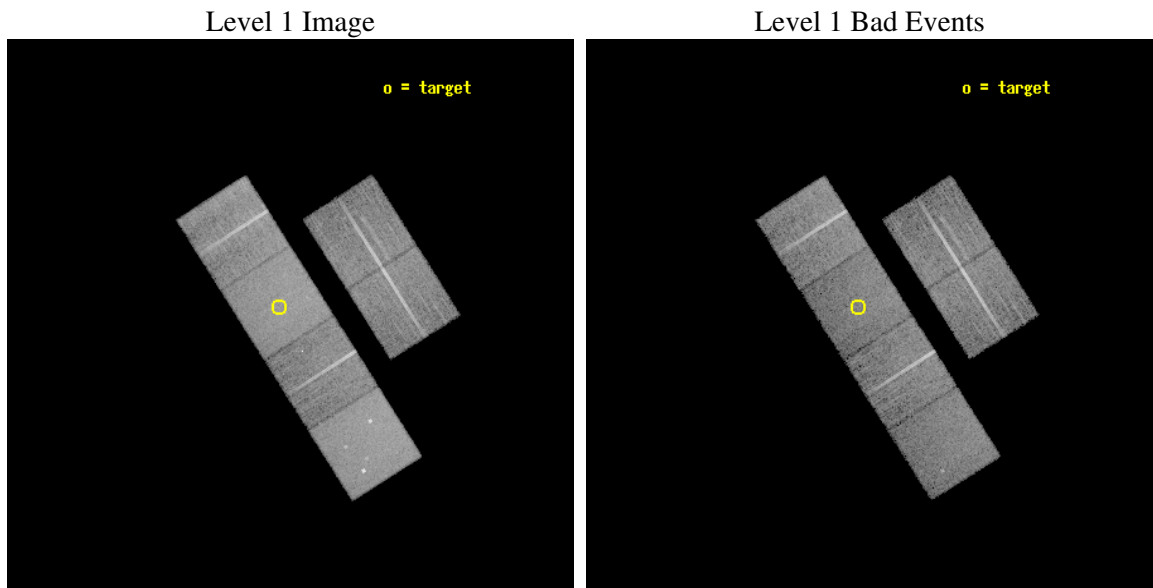
seq_num	600180
obs_id	2046
title	2001: A SPACE CENSUS -- SUPERSOFT X-RAY SOURCES AND OTHER X-RAY SOURCES IN M31
observer	Dr. Rosanne Di Stefano
object	M31_1
dtcycle	0
cycle	P
ra_targ	9.652083
dec_targ	40.288889
ra_nom	9.6271337139711
dec_nom	40.262409410958
roll_nom	237.57139088158
revision	2
ontime	14953.559023768
livetime	14764.208055457
ontime2	14956.80001393
ontime3	14956.80001393
ontime5	14956.80001393
ontime6	14956.80001393
ontime7	14953.559023768
ontime8	14956.776546568
l2events	151909



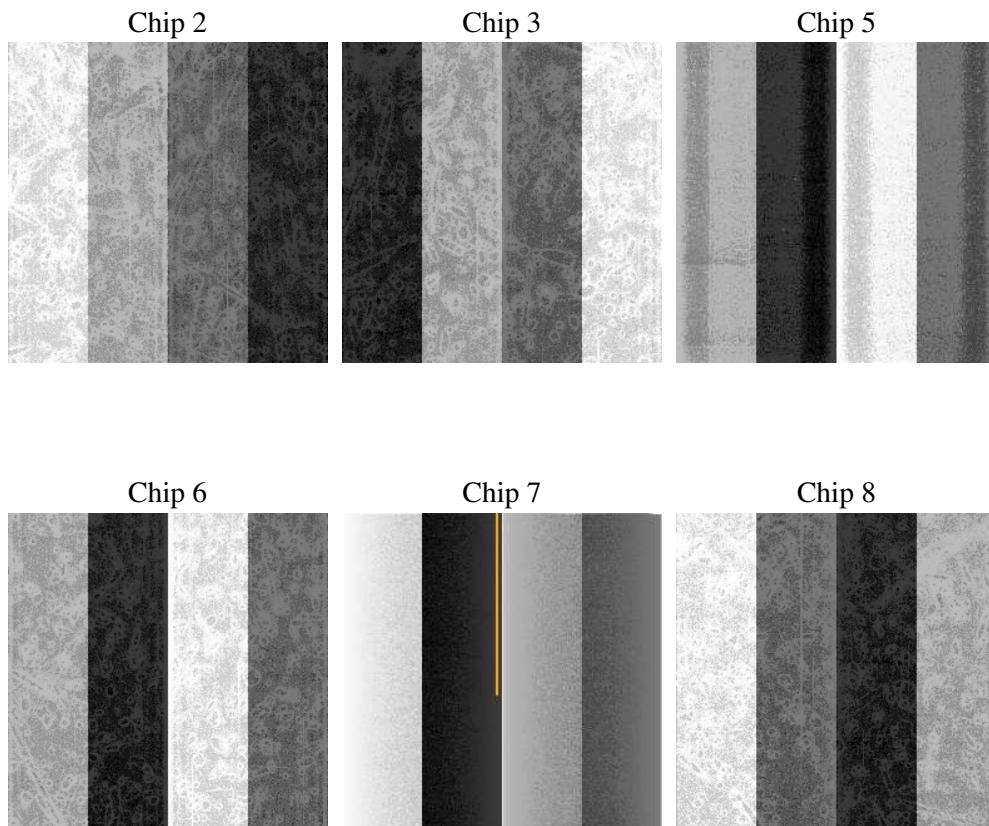
2 OBI

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	2007-06-14T12:49:25
revision	2

sched_exp_time	15000.000000
ontime	14953.559023768
ontime2	14956.80001393
ontime3	14956.80001393
ontime5	14956.80001393
ontime6	14956.80001393
ontime7	14953.559023768
ontime8	14956.776546568
l1events	638621

2.1.4 Events

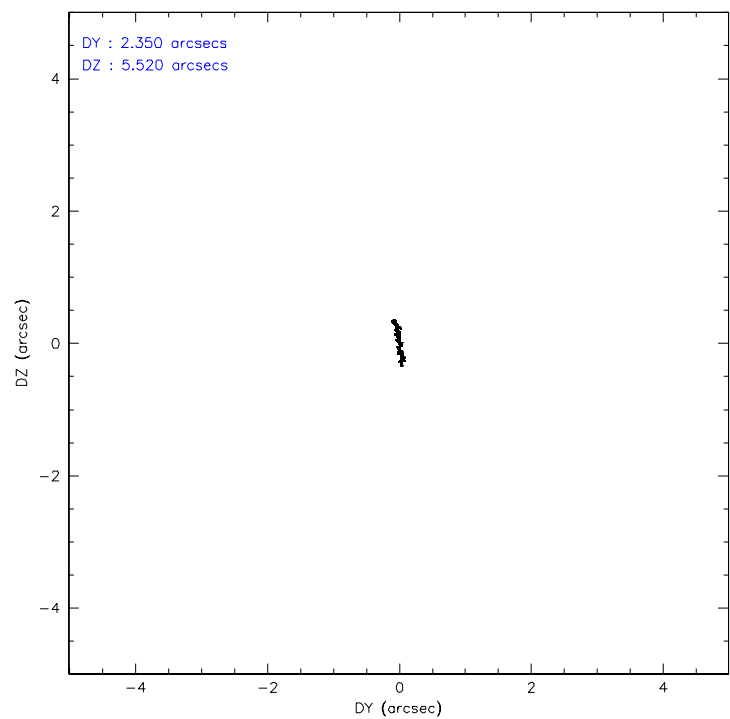
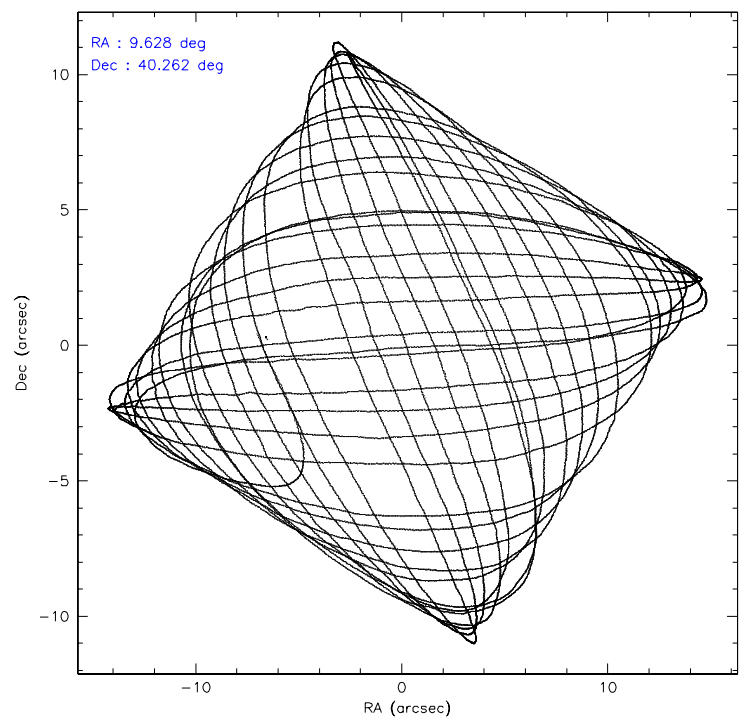
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	91990	88890	132523	90328	121235	113655
rejected events	81956	78803	67124	79384	66732	91055
rejected %	89%	88%	50%	87%	55%	80%

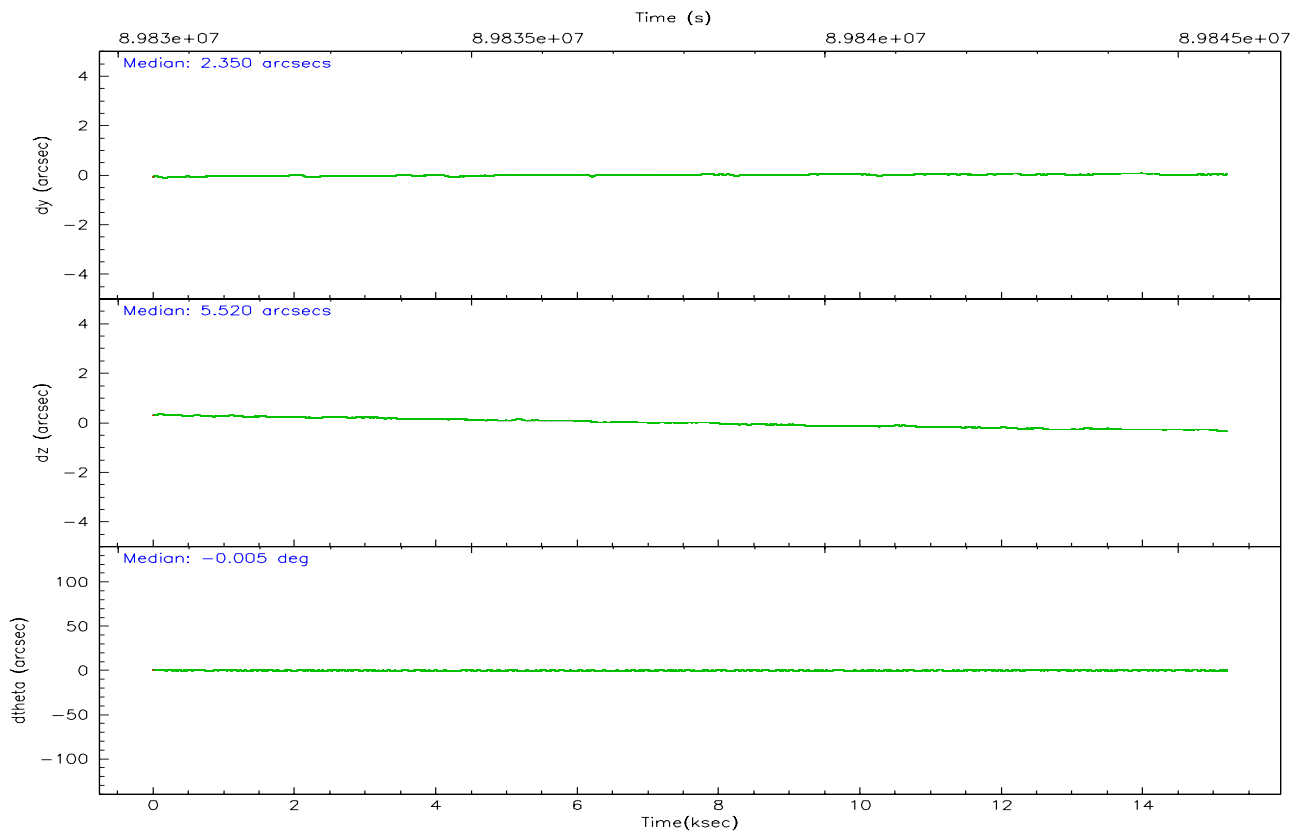
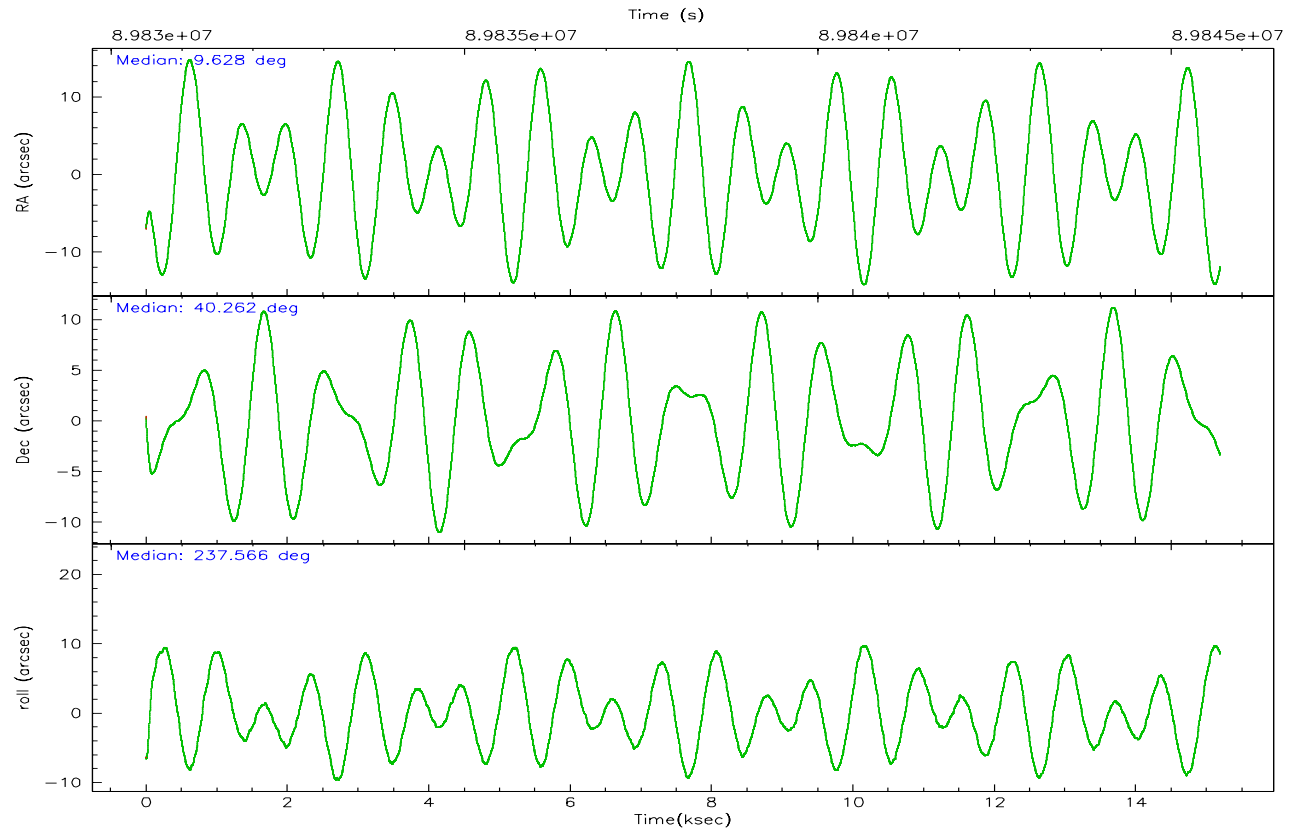
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	4271	4378	8314	4763	5640	7434
	4%	4%	6%	5%	4%	6%
grade 1 events	46	30	171	46	113	51
	0%	0%	0%	0%	0%	0%
grade 2 events	2125	2048	18814	2118	10717	4579
	2%	2%	14%	2%	8%	4%
grade 3 events	960	974	3317	1027	4940	2542
	1%	1%	2%	1%	4%	2%
grade 4 events	932	1036	3175	1001	4968	2439
	1%	1%	2%	1%	4%	2%
grade 5 events	2954	3266	9823	3740	10798	4735
	3%	3%	7%	4%	8%	4%
grade 6 events	1750	1655	31796	2039	28249	5610
	1%	1%	23%	2%	23%	4%
grade 7 events	78952	75503	57113	75594	55810	86265
	85%	84%	43%	83%	46%	75%

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	9.628427	9.627133713971073	Subarray requested	NONE	NONE
Pointing Dec	40.289751	40.26240941095837	Alternating exposures requested	N	N
Pointing Roll	237.413938	237.5713908815817	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	89830684.184000	89829719.79055201			
Observation start date	2000-11-05T16:57:00	2000-11-05T16:41:59			
Observation end time	89845684.184000	89845836.89116199			
Observation end date	2000-11-05T21:07:00	2000-11-05T21:10:36			
Read mode	TIMED	TIMED			

2.3 Aspect



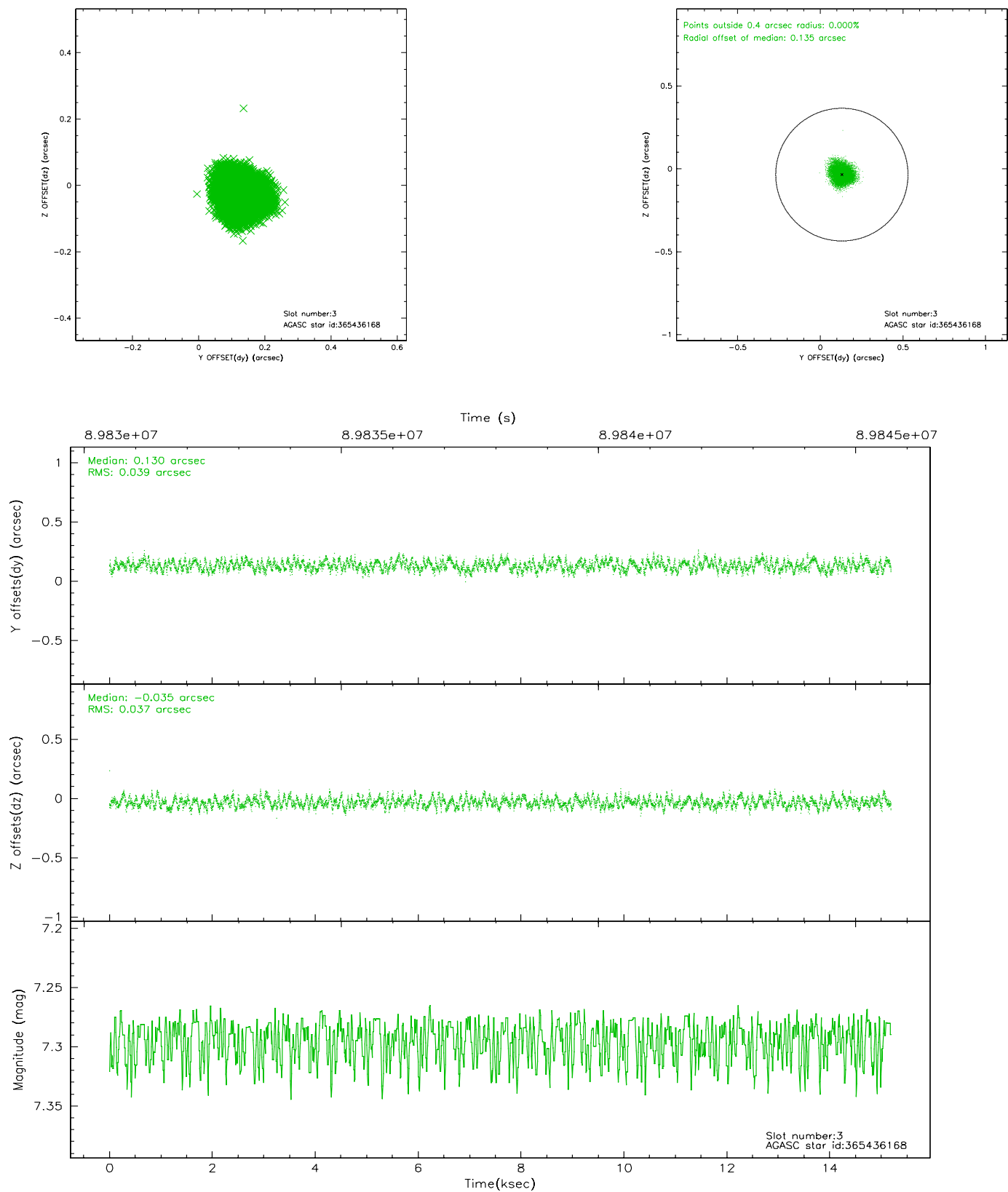


Slot Statistics

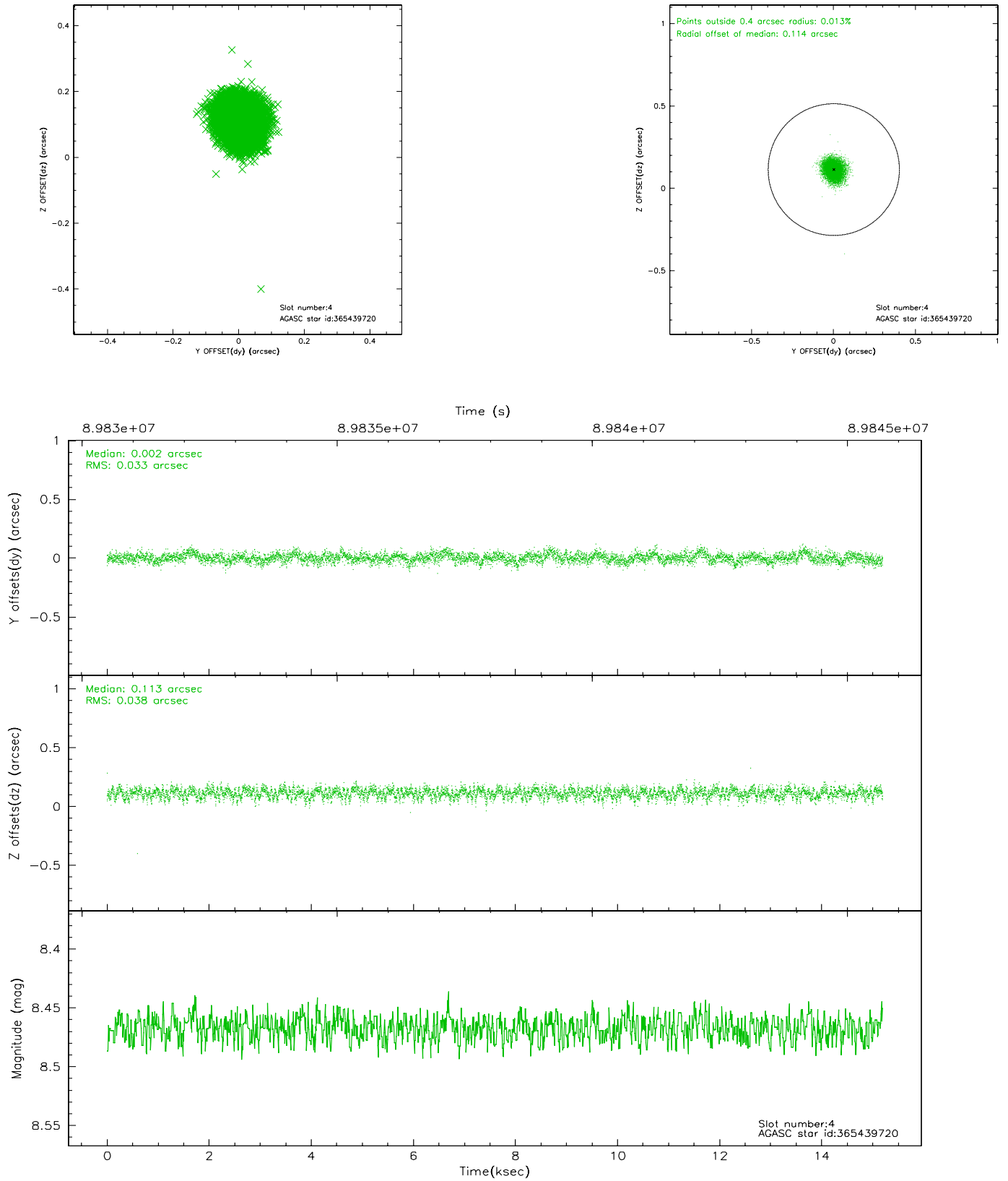
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	3707	-0.035	0.018	0.008	0.014	0.000000	0.000000	-754.97	-1726.64
1	FID	ACIS-S-4	7.20	3707	-0.044	0.012	0.007	0.012	0.000000	0.000000	2158.12	181.59
2	FID	ACIS-S-5	7.24	3707	0.048	-0.021	0.007	0.012	0.000000	0.000000	-1807.39	175.49
3	GUIDE	365436168	7.29	7413	0.130	-0.035	0.059	0.088	9.360006	40.332380	267.09	-705.04
4	GUIDE	365439720	8.47	7409	0.002	0.113	0.054	0.086	9.704623	40.431022	-540.58	-99.17
5	GUIDE	367144424	8.66	7409	-0.045	-0.097	0.077	0.124	10.464515	40.309136	-1303.96	1889.18
6	GUIDE	365431072	8.99	7412	-0.113	-0.006	0.074	0.121	9.376278	41.092224	-2066.25	-2133.96
7	GUIDE	365445896	9.08	7411	0.018	0.023	0.064	0.105	9.846913	39.546013	1928.73	1951.50

2.4 Star Slots

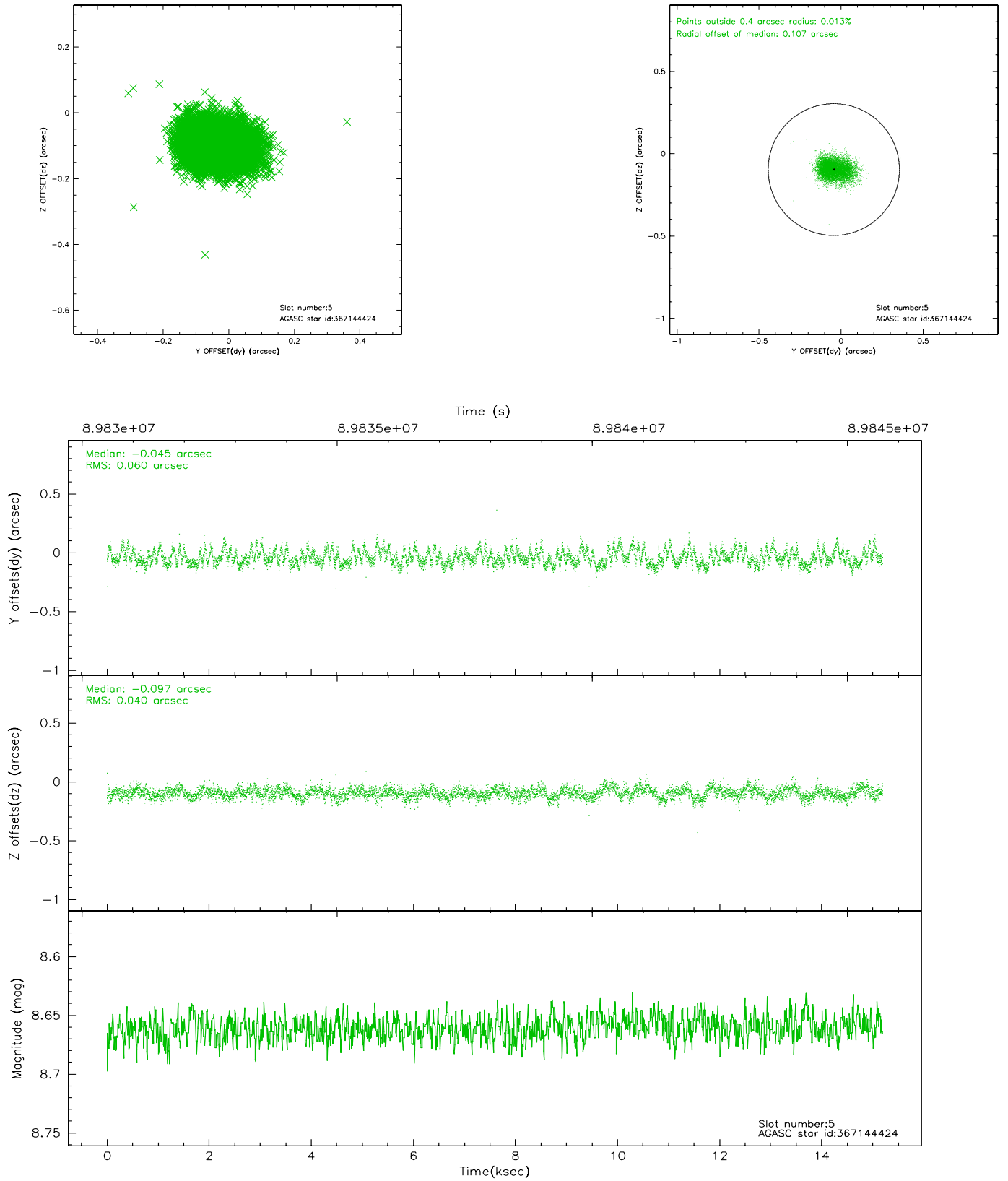
2.4.1 Slot 3



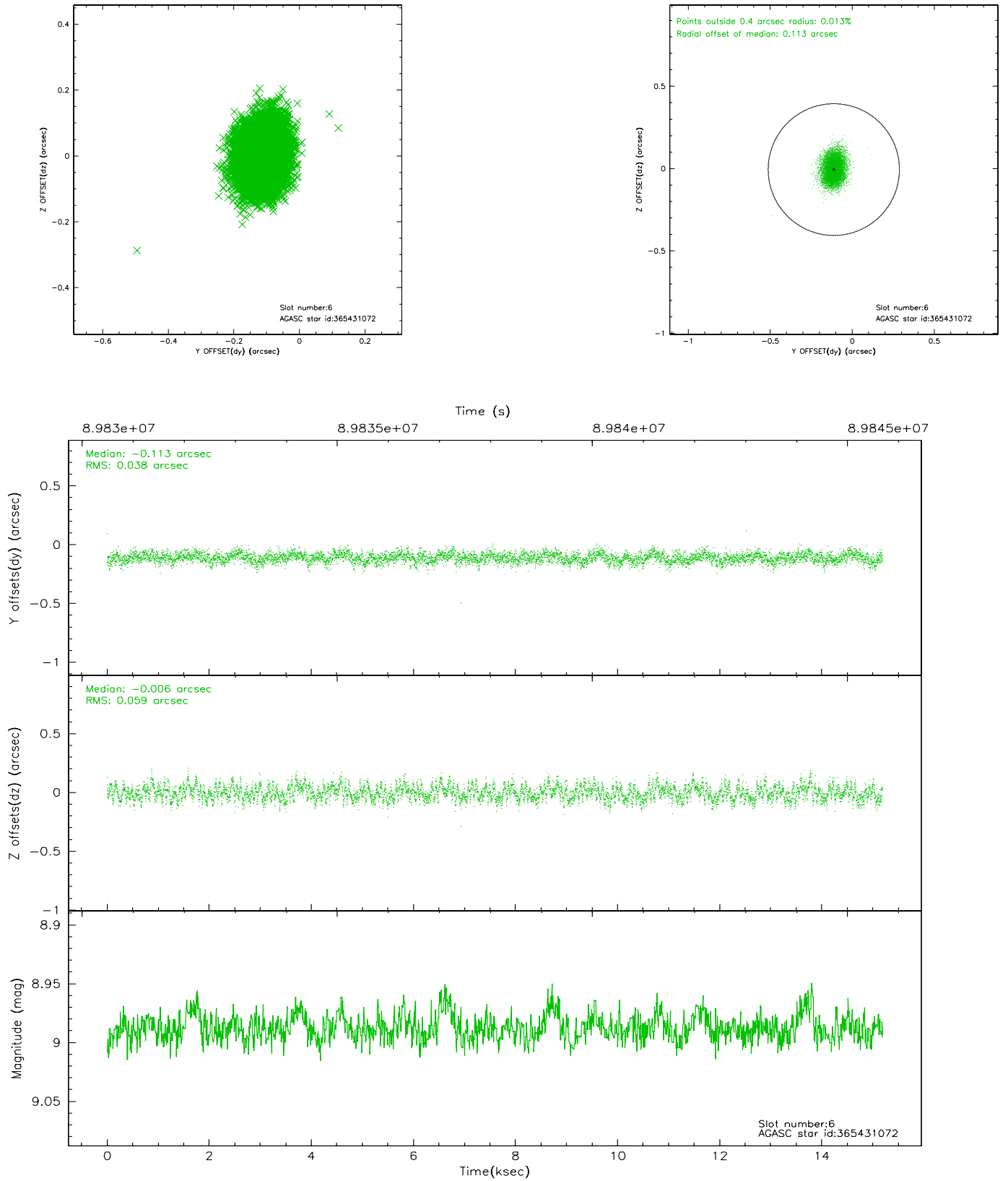
2.4.2 Slot 4



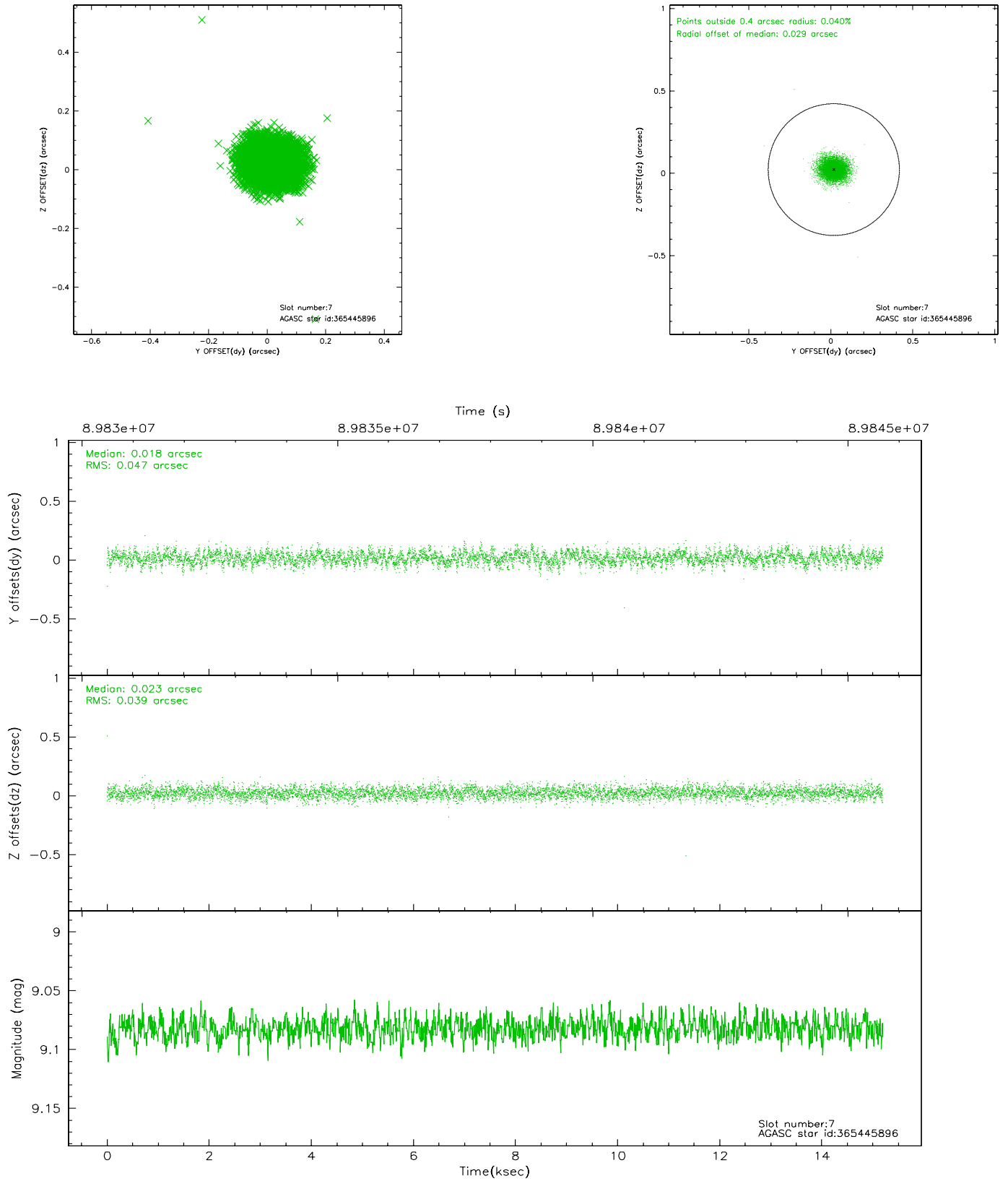
2.4.3 Slot 5



2.4.4 Slot 6

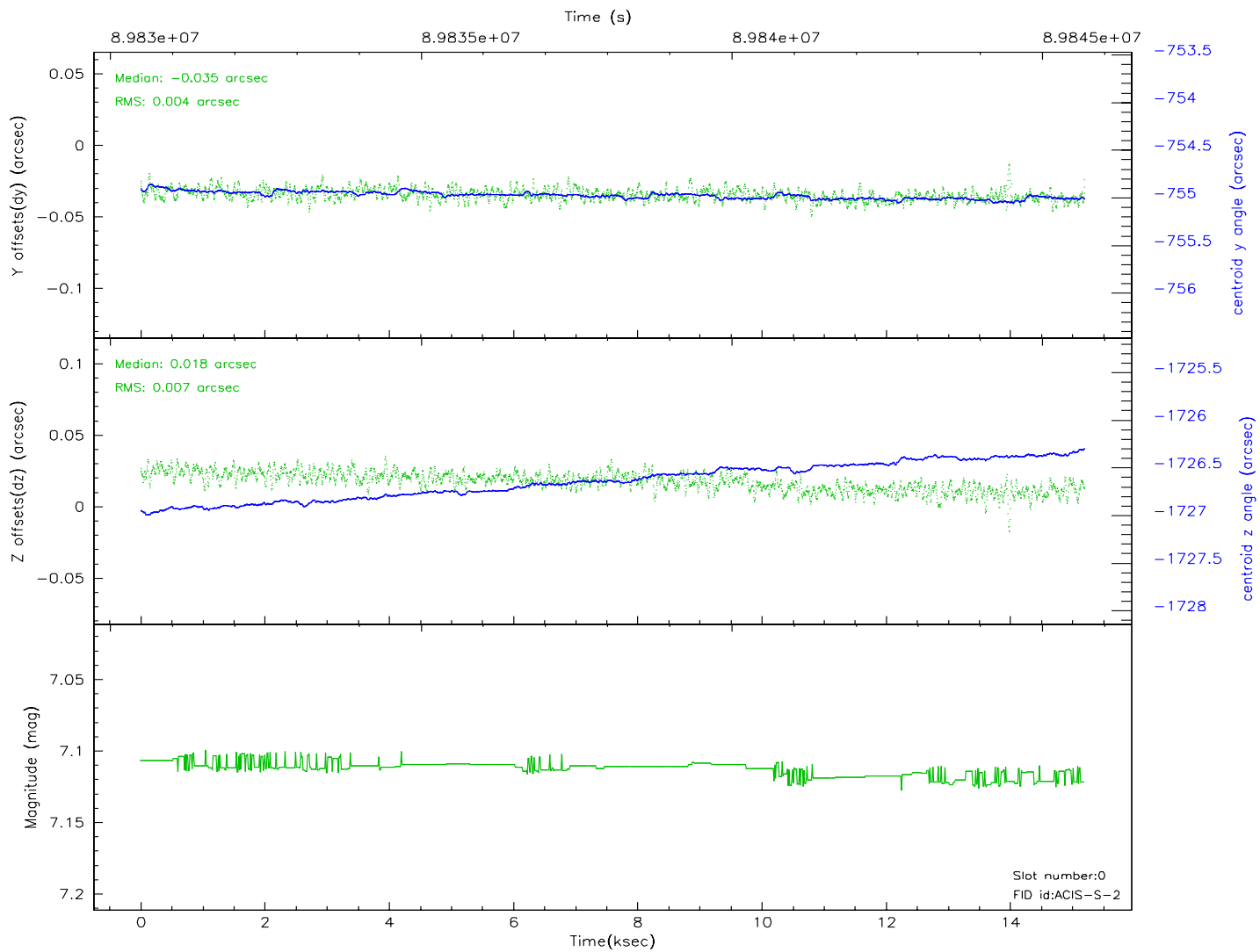
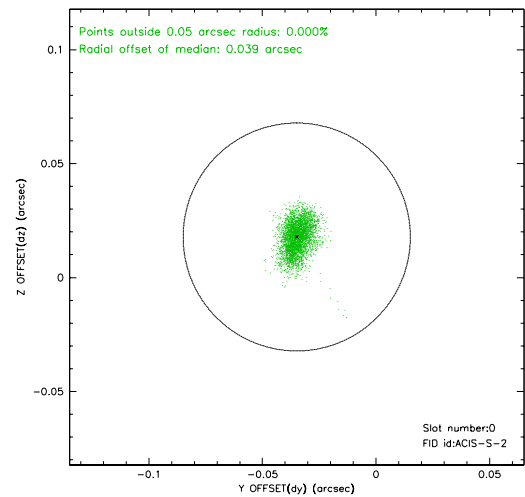
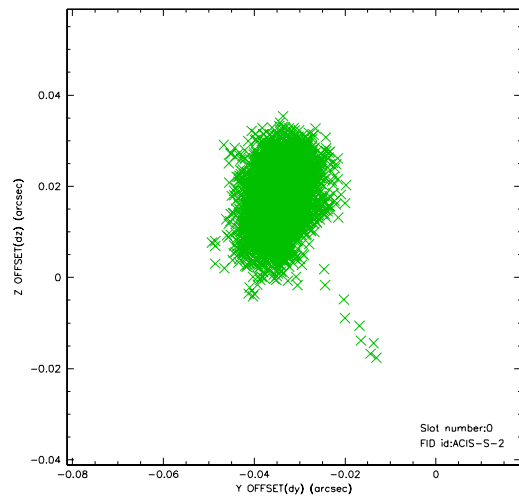


2.4.5 Slot 7

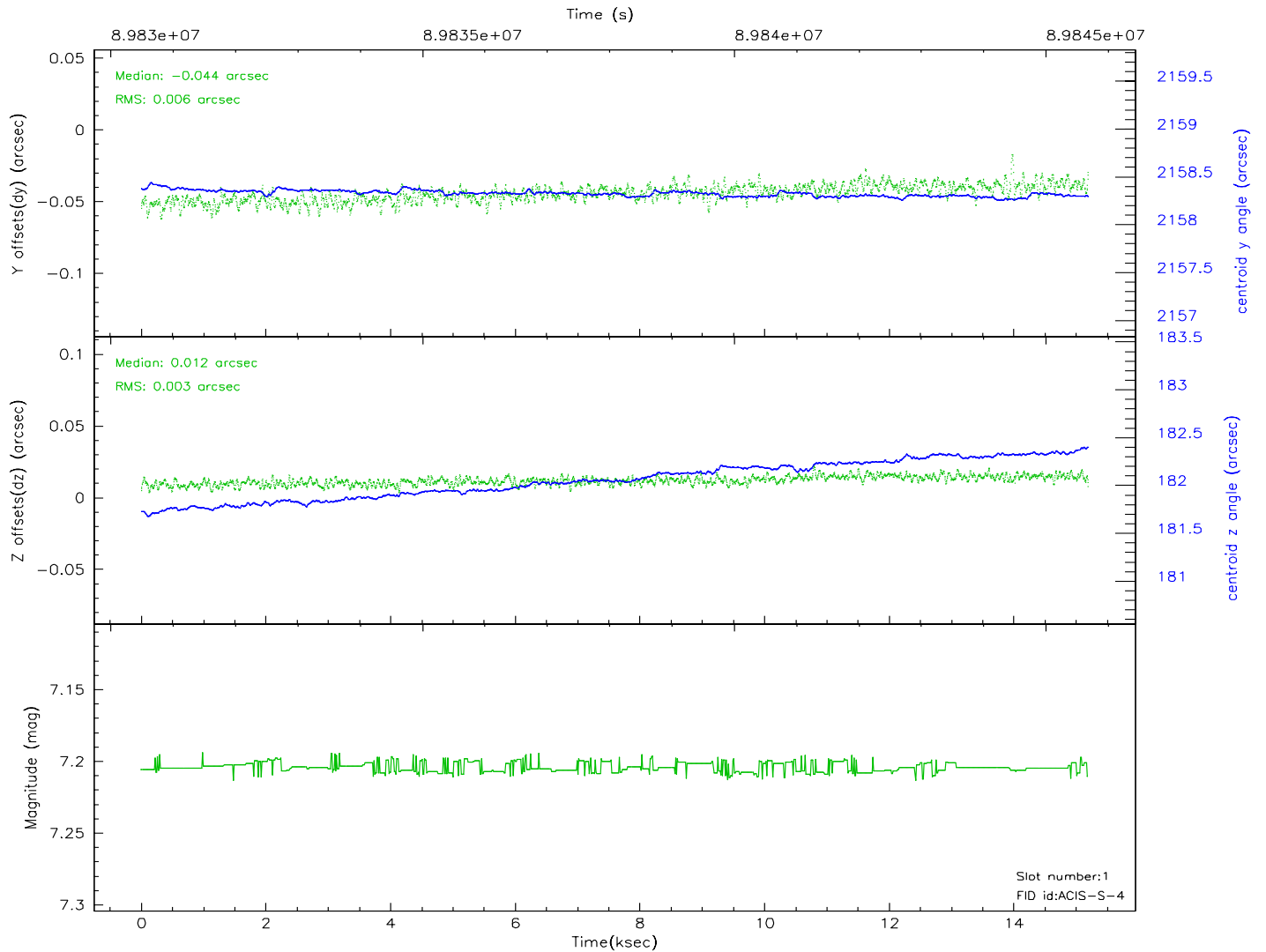
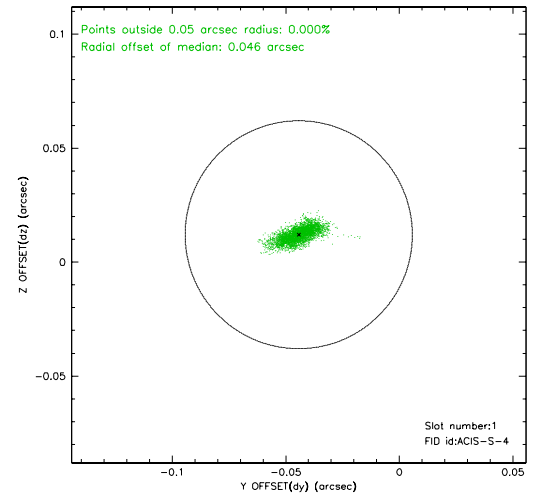
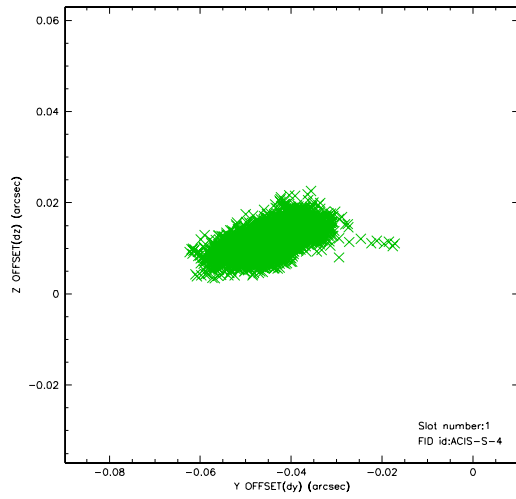


2.5 FID Slots

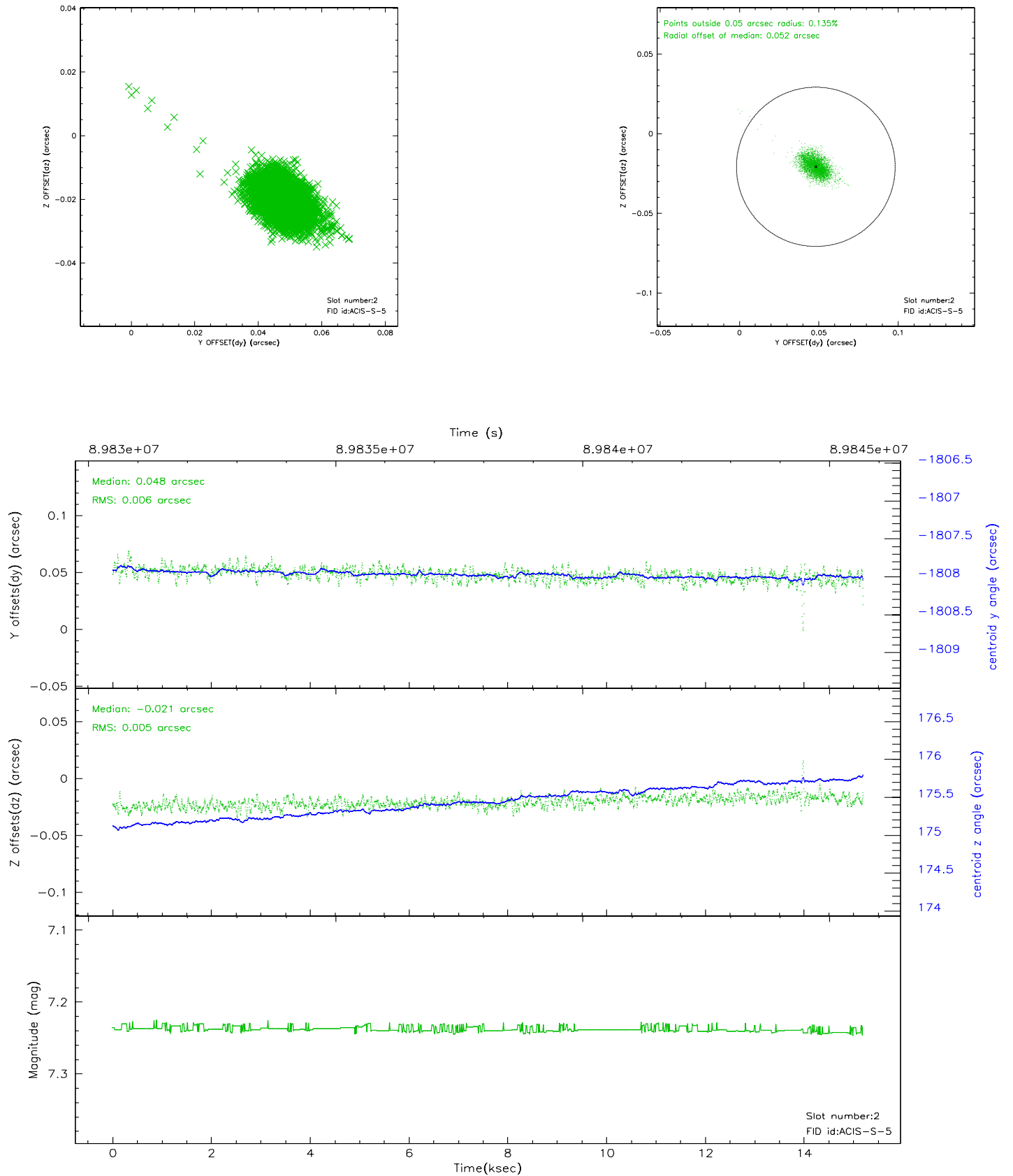
2.5.1 Slot 0



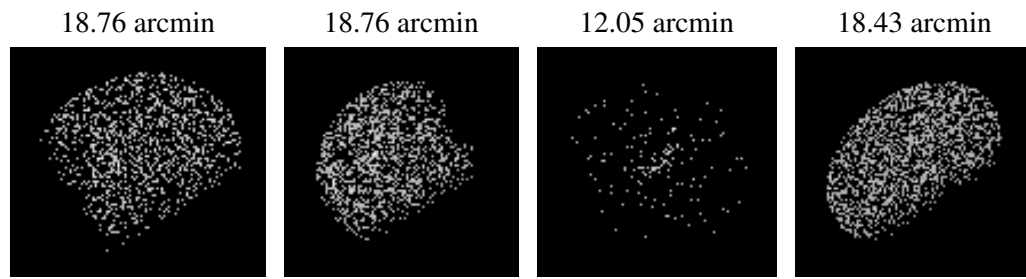
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2007.06.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	14.784

A.2 Comments