

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2061 - L2 Version 001
Chandra X-Ray Center

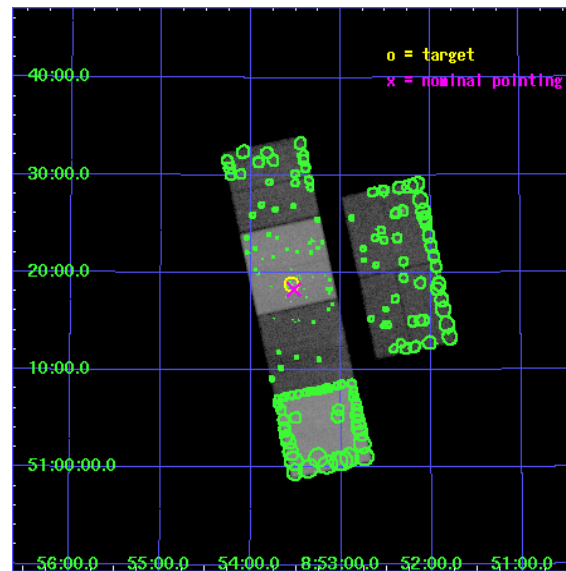
L2 Processing Date : Nov 29 2006

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1 Front

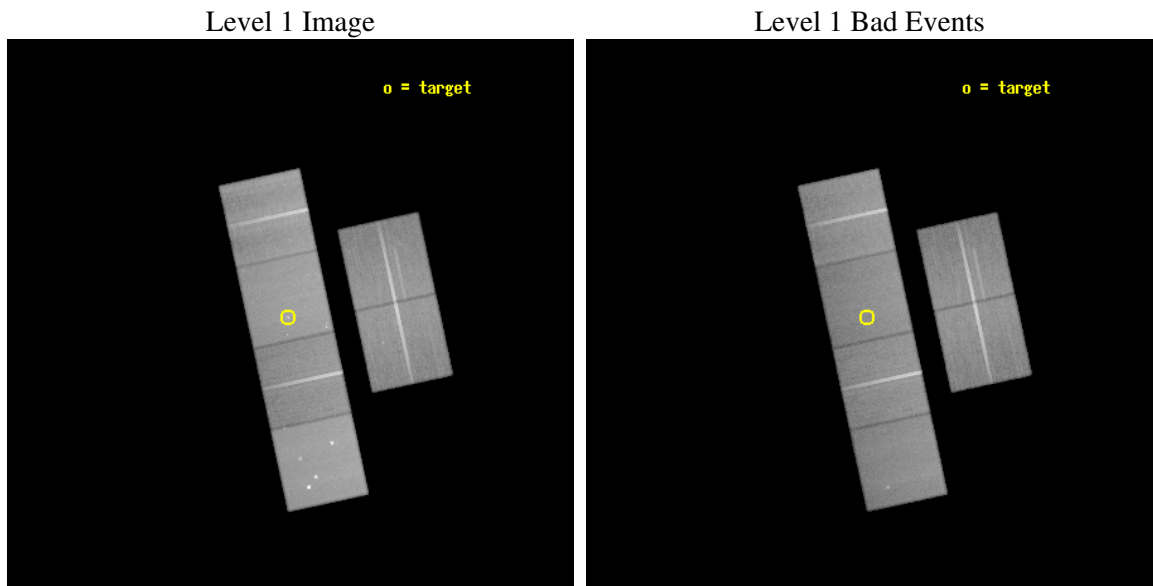
seq_num	600195
obs_id	2061
title	THE X-RAY POINT SOURCE POPULATION IN SPIRAL GALAXIES
observer	Dr. Andrea Prestwich
object	NGC 2681
dtcycle	0
cycle	P
ra_targ	133.386667
dec_targ	51.313889
ra_nom	133.38068688578
dec_nom	51.304858585963
roll_nom	257.82130442532
revision	2
ontime	80006.400074512
livetime	78993.310862698
ontime2	80003.159064412
ontime3	80006.400074512
ontime5	80003.159114286
ontime6	80006.400074512
ontime7	80006.400074512
ontime8	80006.400074512
l2events	744776



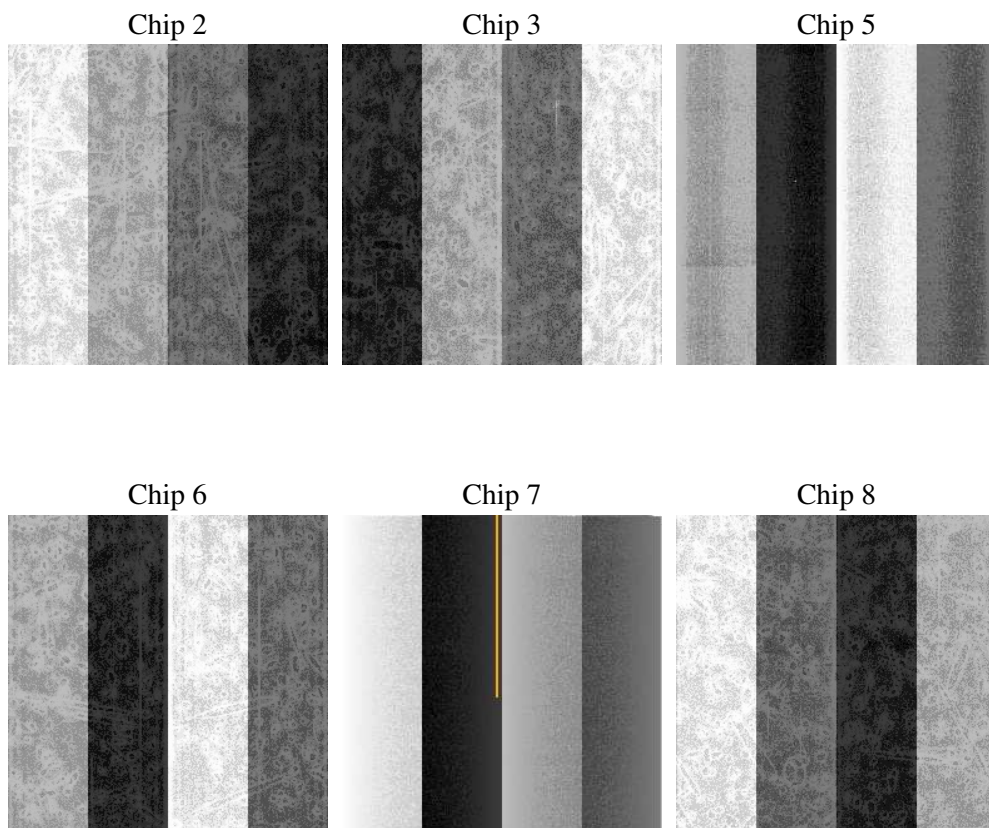
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.9
caldsver	3.2.4
date	2006-11-29T18:28:32
revision	2

sched_exp_time	80053.598000
ontime	80010.506866723
ontime2	80007.265856624
ontime3	80010.506866723
ontime5	80007.265906498
ontime6	80010.506866723
ontime7	80010.506866723
ontime8	80010.506866723
l1events	3507759

2.1.4 Events

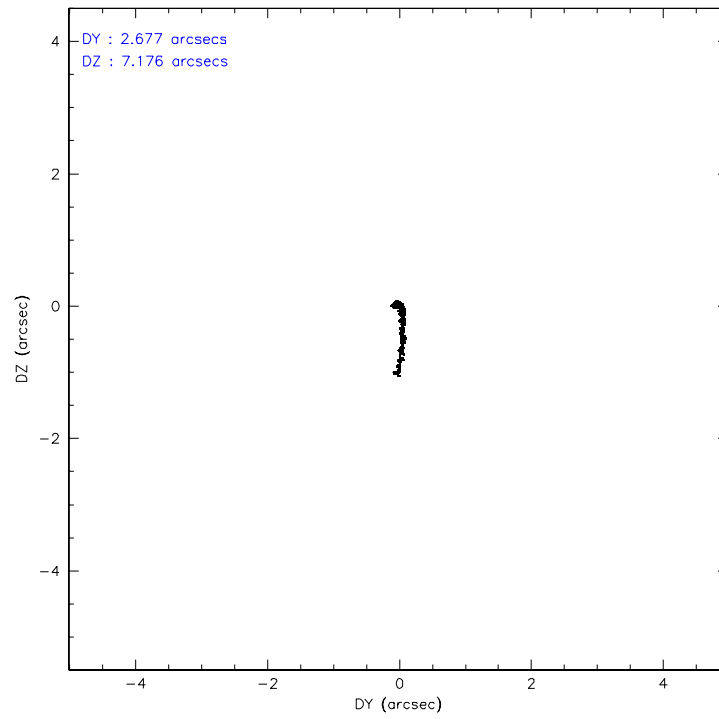
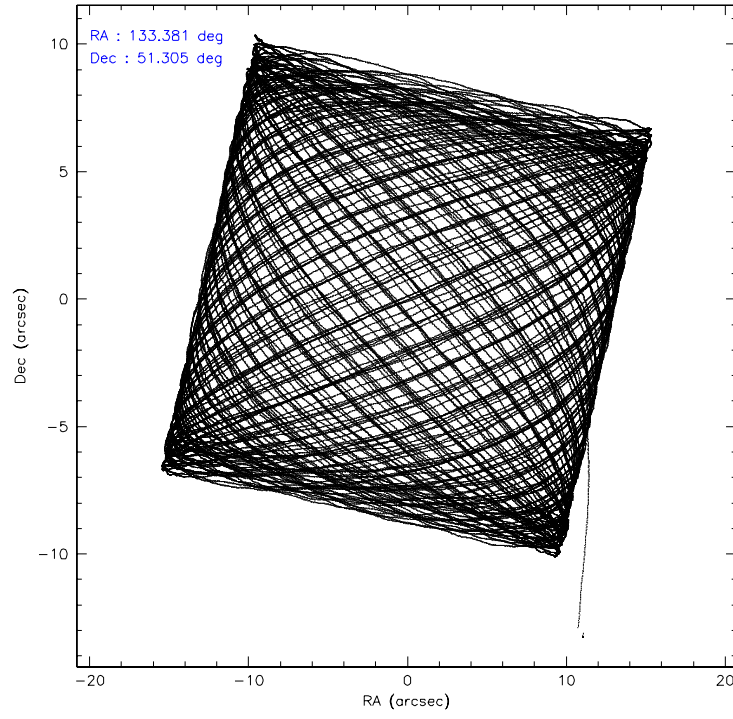
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	519669	497151	705768	507865	647635	629671
rejected events	462785	440713	388851	450873	392867	503067
rejected %	89%	88%	55%	88%	60%	79%

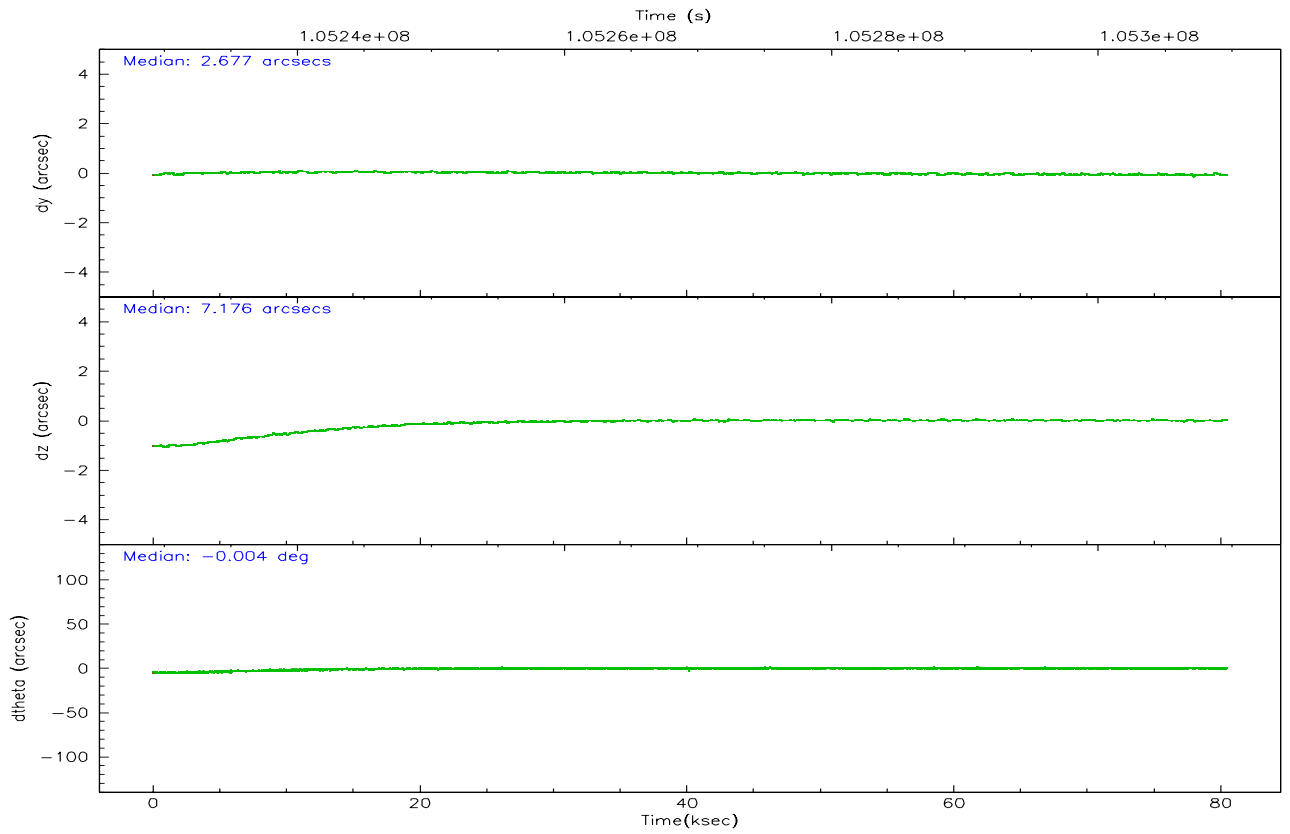
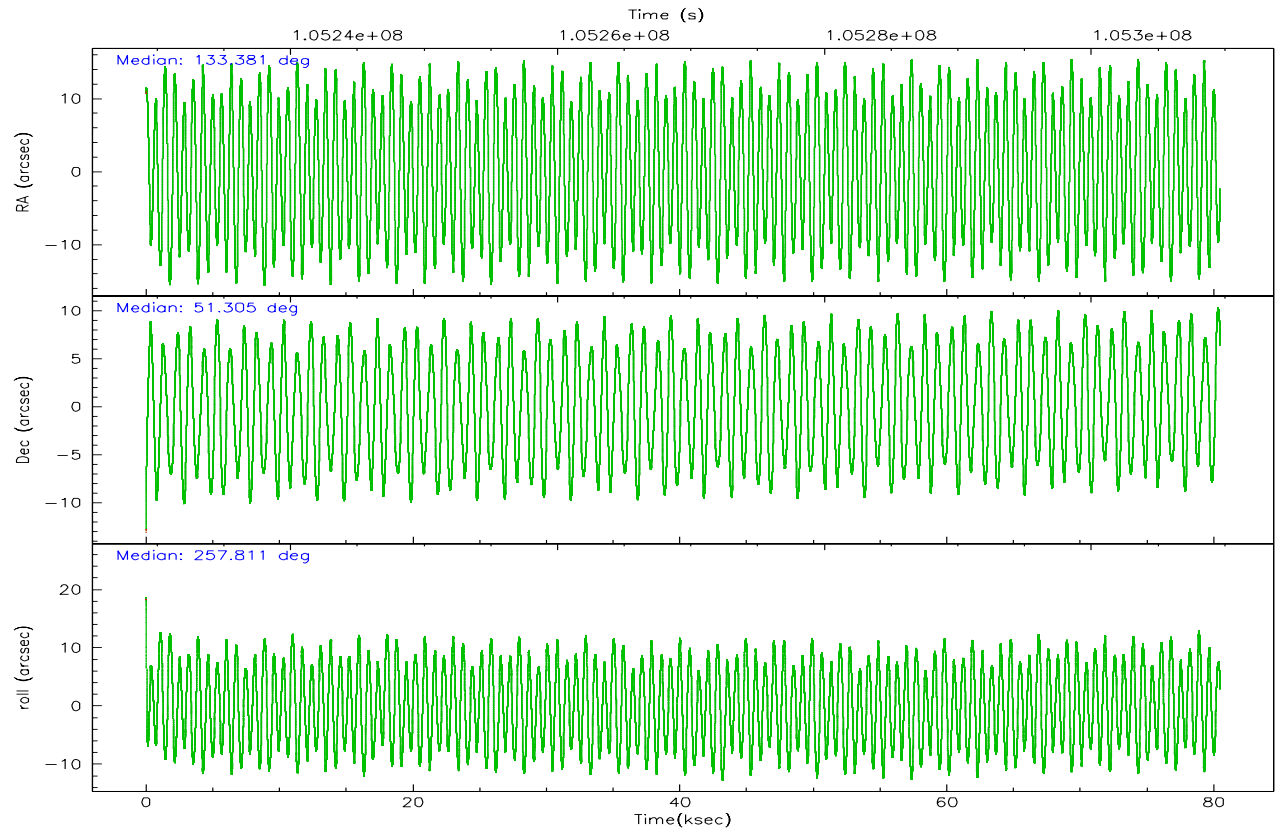
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	24574	24659	32049	23067	18601	40092
	4%	4%	4%	4%	2%	6%
grade 1 events	237	224	1409	221	351	364
	0%	0%	0%	0%	0%	0%
grade 2 events	12062	10933	95985	11438	62167	27121
	2%	2%	13%	2%	9%	4%
grade 3 events	5186	5502	7379	5863	14188	13599
	0%	1%	1%	1%	2%	2%
grade 4 events	5287	5552	7174	5581	13791	12596
	1%	1%	1%	1%	2%	2%
grade 5 events	17631	18992	34432	21296	43586	26908
	3%	3%	4%	4%	6%	4%
grade 6 events	9776	9794	174341	11047	146039	33198
	1%	1%	24%	2%	22%	5%
grade 7 events	444916	421495	352999	429352	348912	475793
	85%	84%	50%	84%	53%	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	133.366906	133.3806868857831	Subarray requested	NONE	NONE
Pointing Dec	51.330739	51.30485858596263	Alternating exposures requested	N	N
Pointing Roll	257.675430	257.8213044253152	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	105229602.184000	105228522.93294			
Observation start date	2001-05-02T22:25:38	2001-05-02T22:08:42			
Observation end time	105309656.184000	105309970.4611			
Observation end date	2001-05-03T20:39:52	2001-05-03T20:46:10			
Read mode	TIMED	TIMED			

2.3 Aspect



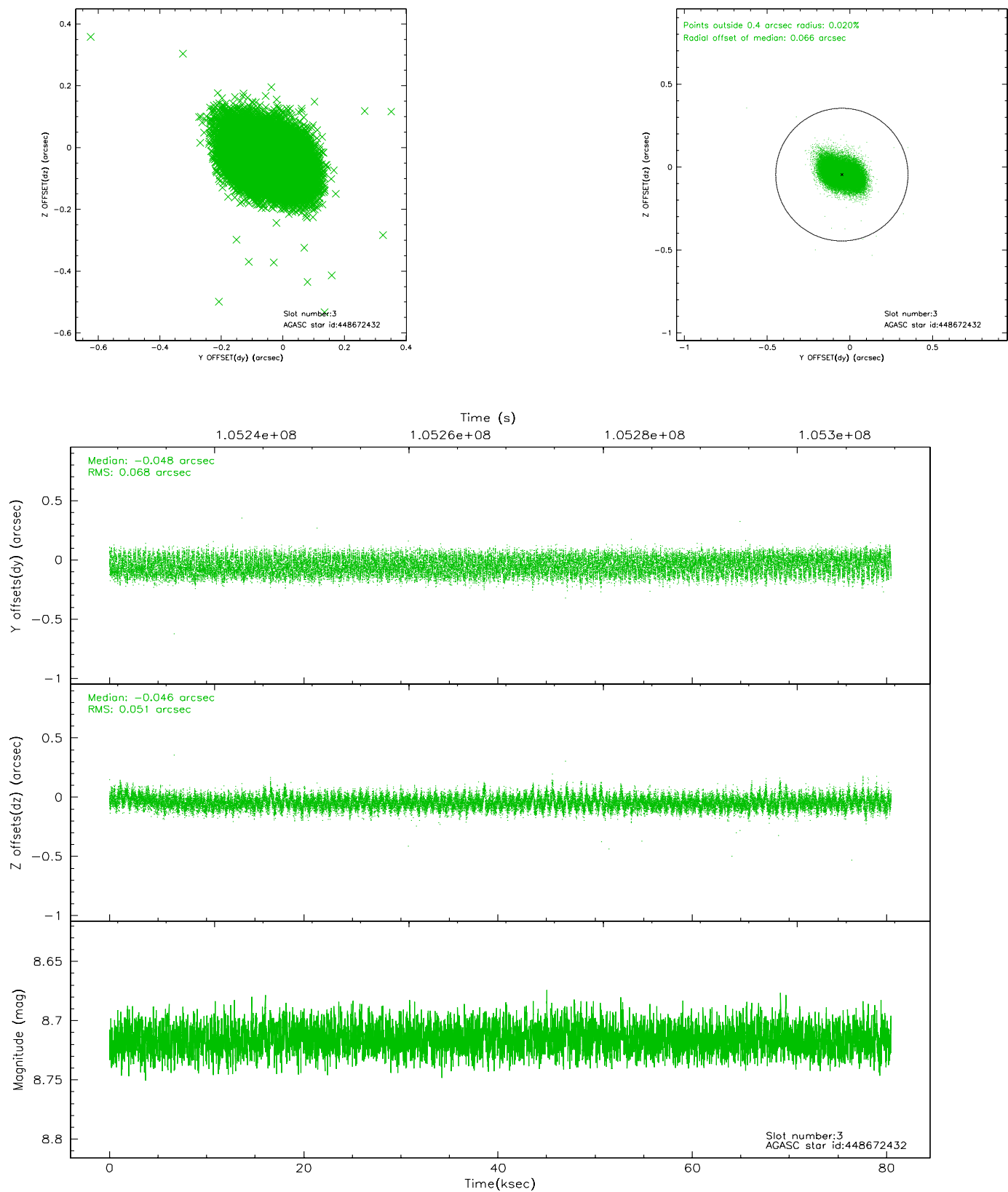


Slot Statistics

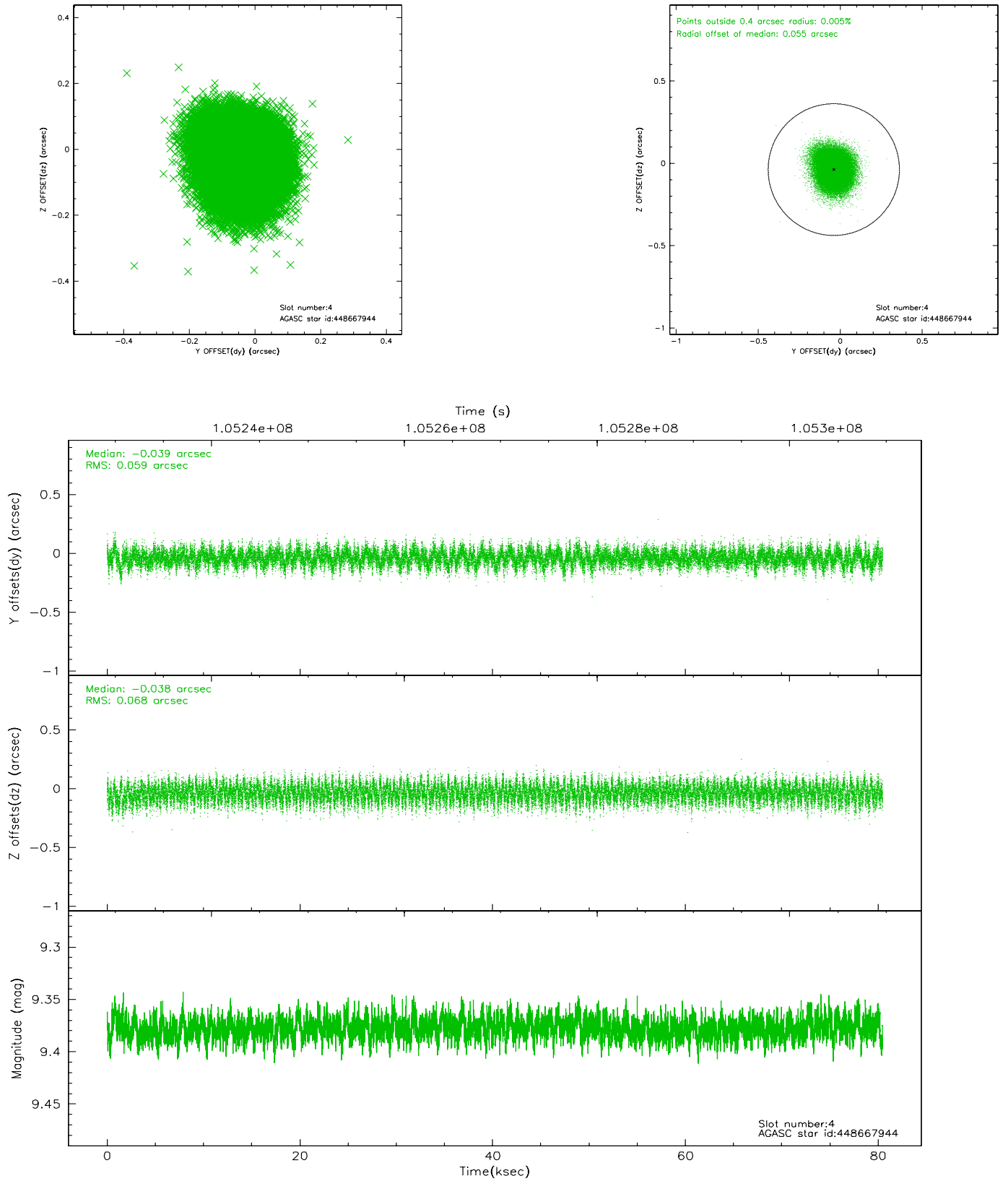
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	19630	0.010	0.036	0.009	0.030	0.000000	0.000000	-755.30	-1728.17
1	FID	ACIS-S-4	7.19	19627	-0.113	-0.014	0.007	0.043	0.000000	0.000000	2157.89	180.34
2	FID	ACIS-S-5	7.23	19629	0.072	-0.013	0.008	0.015	0.000000	0.000000	-1808.17	173.93
3	GUIDE	448672432	8.72	39244	-0.048	-0.046	0.091	0.143	134.495547	51.429904	-908.14	2394.22
4	GUIDE	448667944	9.38	39227	-0.039	-0.038	0.097	0.153	132.778605	51.926965	-1822.36	-1735.68
5	GUIDE	448663960	8.91	39240	-0.010	0.059	0.079	0.130	133.951795	51.786461	-1885.38	920.78
6	GUIDE	448668936	8.62	39247	-0.011	-0.046	0.068	0.109	132.505246	51.657648	-749.01	-2133.87
7	GUIDE	448672304	9.41	39238	0.110	0.064	0.083	0.140	133.626371	51.244543	178.09	637.21

2.4 Star Slots

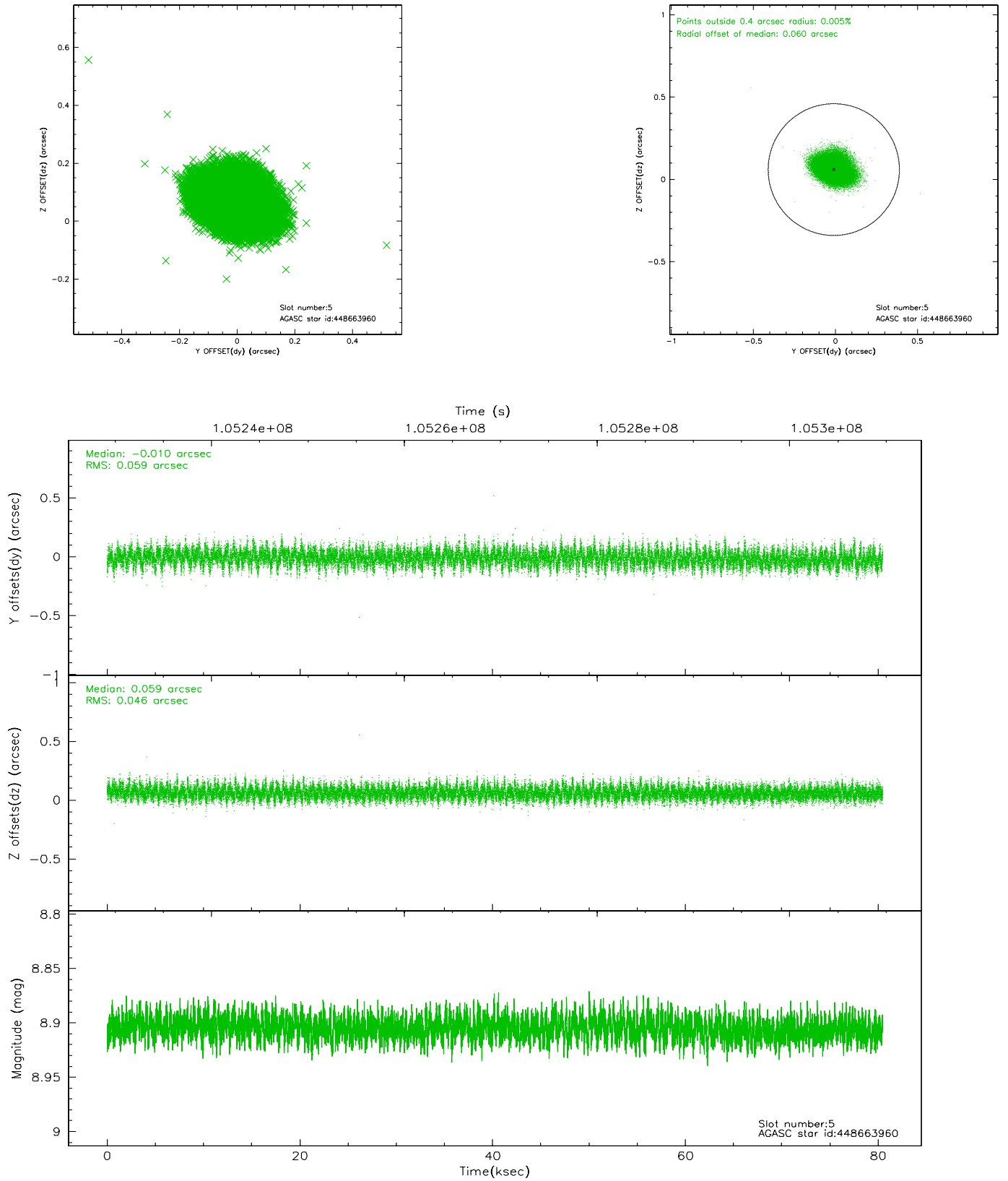
2.4.1 Slot 3



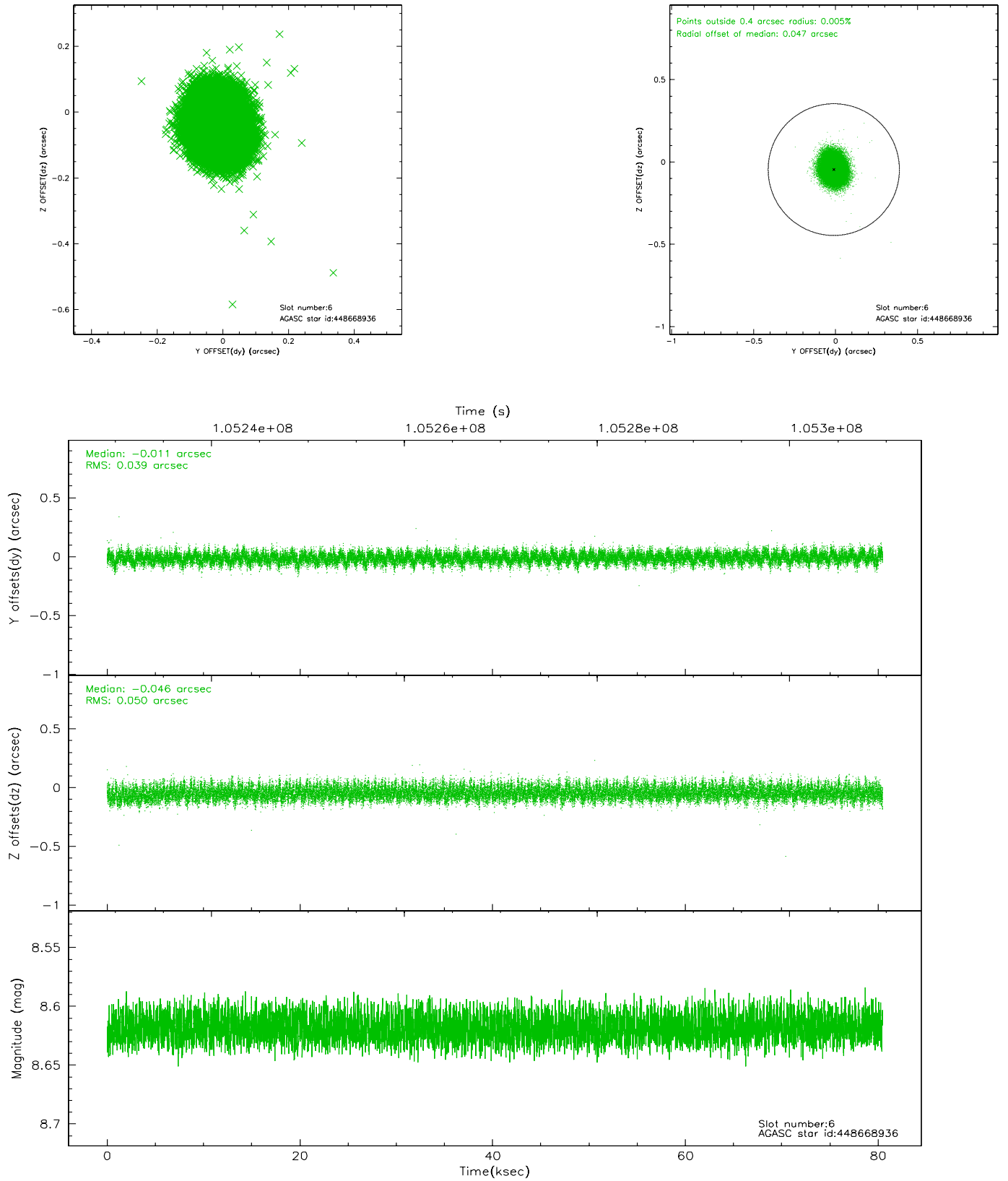
2.4.2 Slot 4



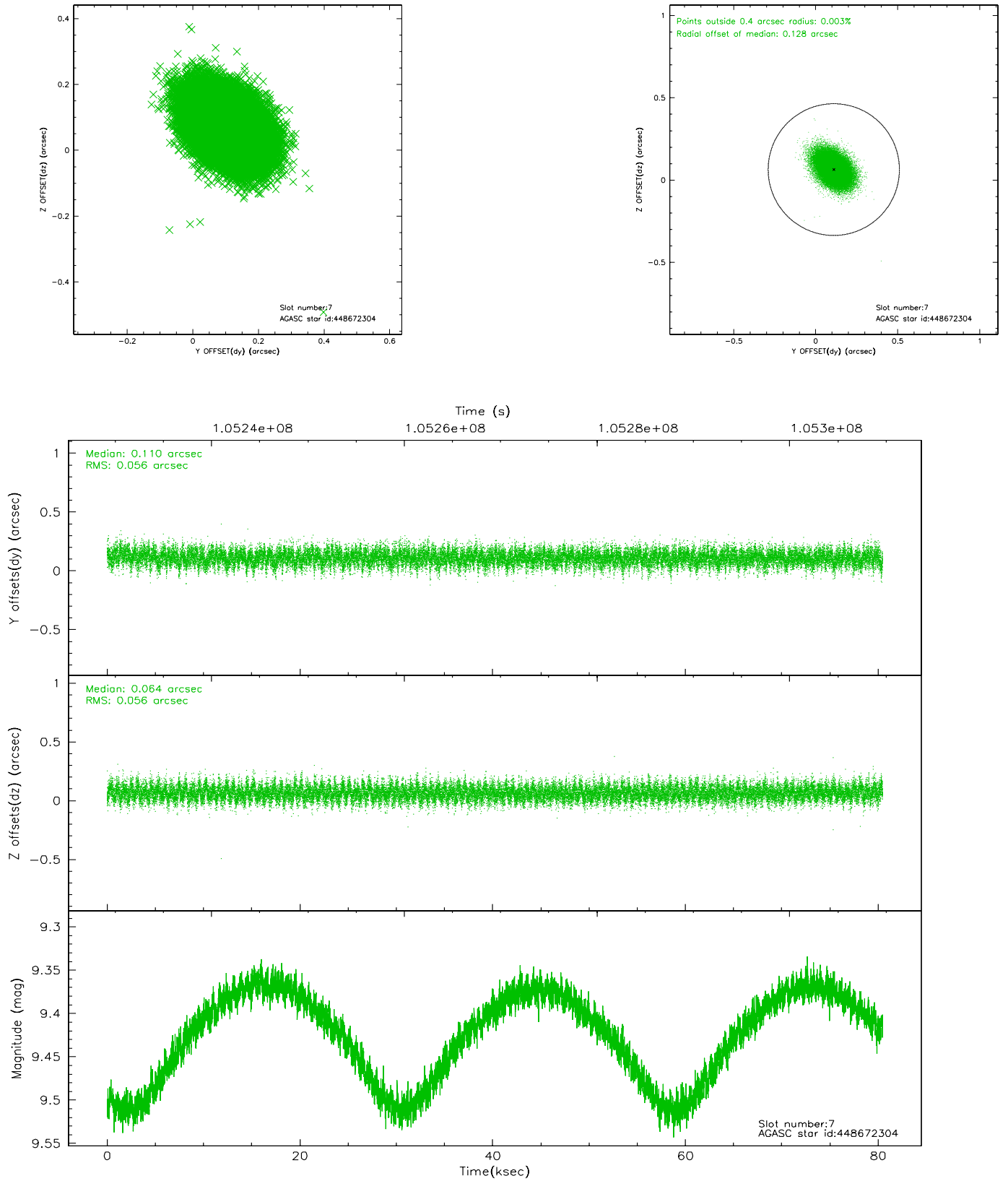
2.4.3 Slot 5



2.4.4 Slot 6

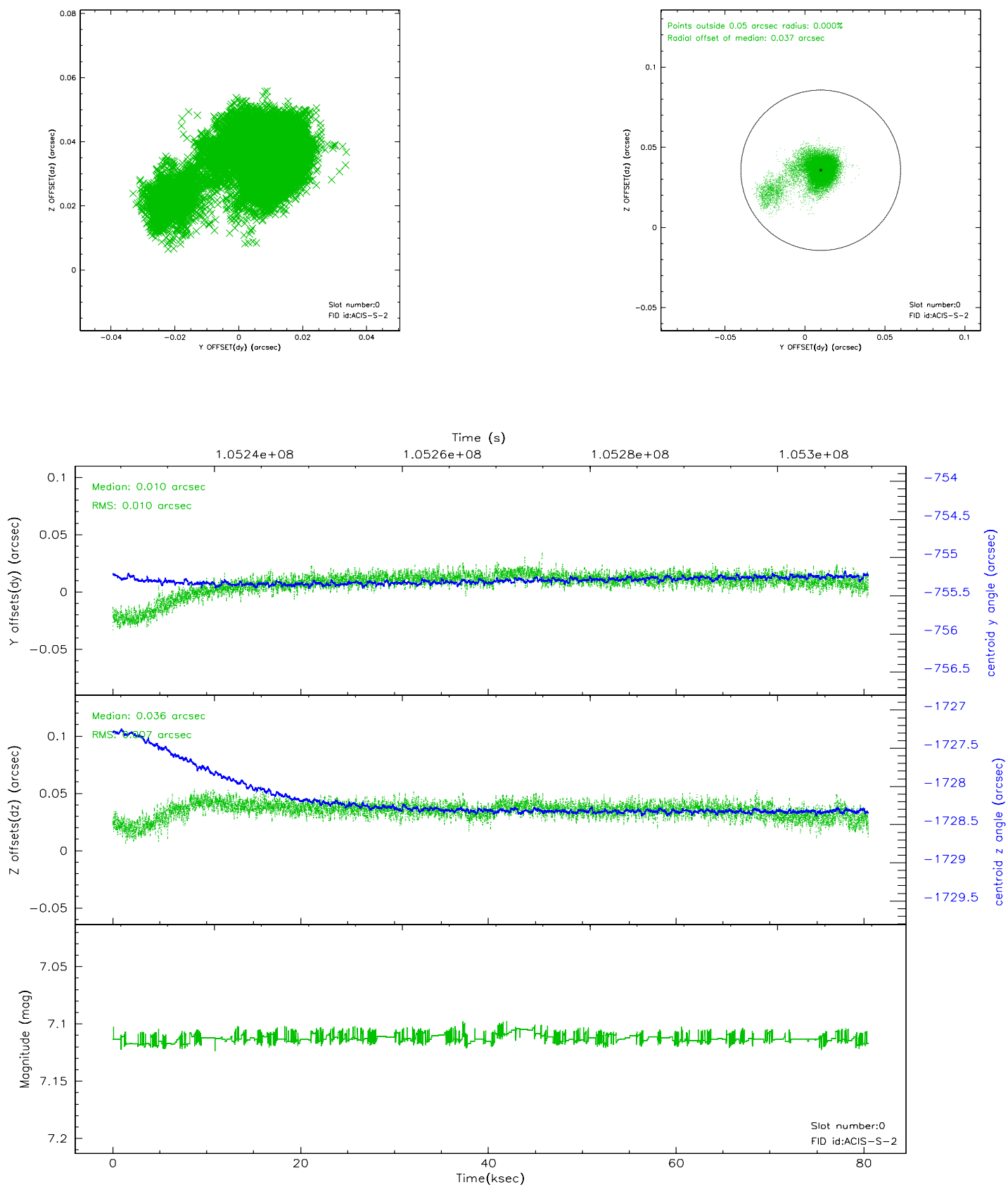


2.4.5 Slot 7

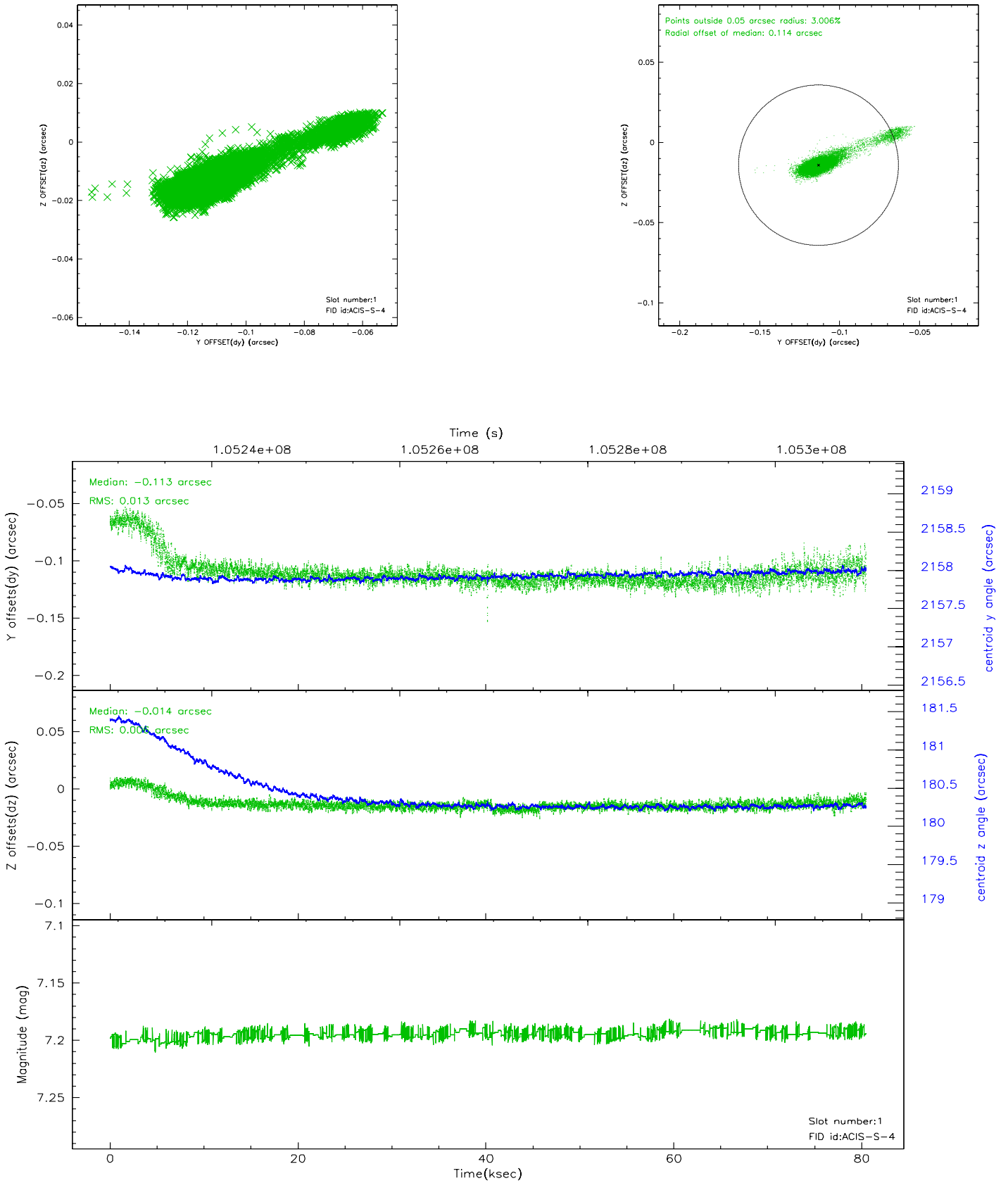


2.5 FID Slots

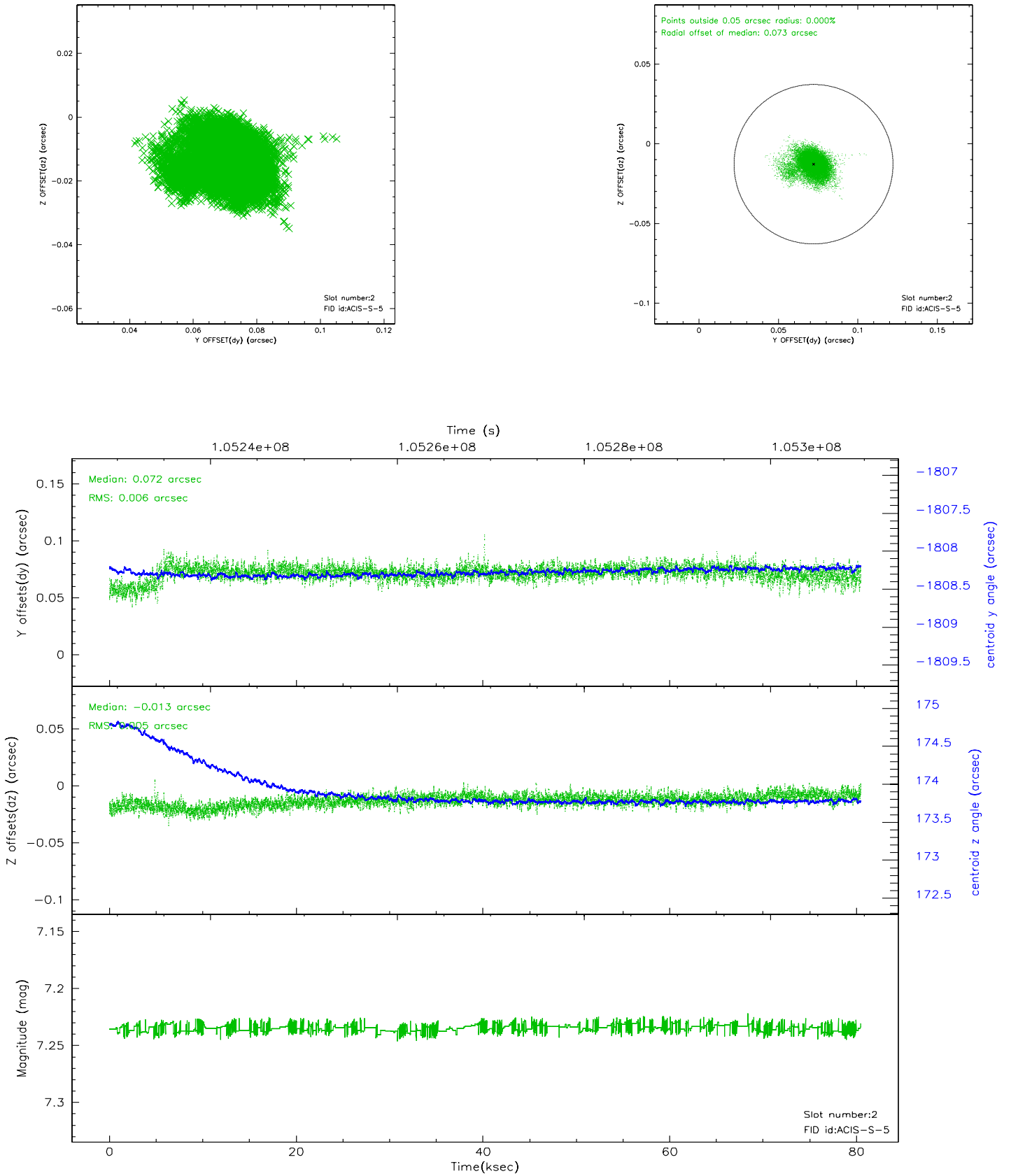
2.5.1 Slot 0



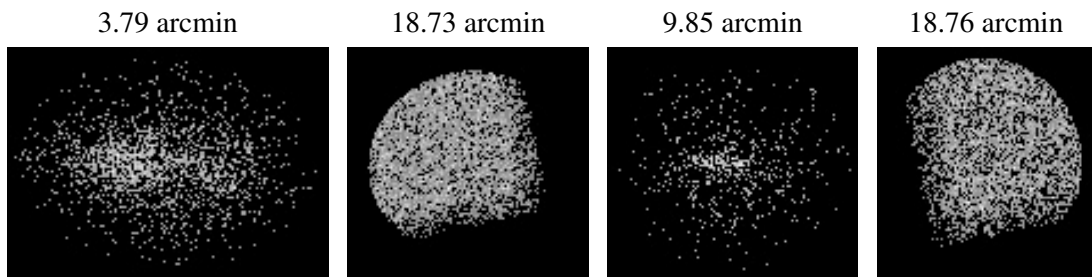
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.11.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	80

A.2 Comments