

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 6096 - L2 Version 002
Chandra X-Ray Center

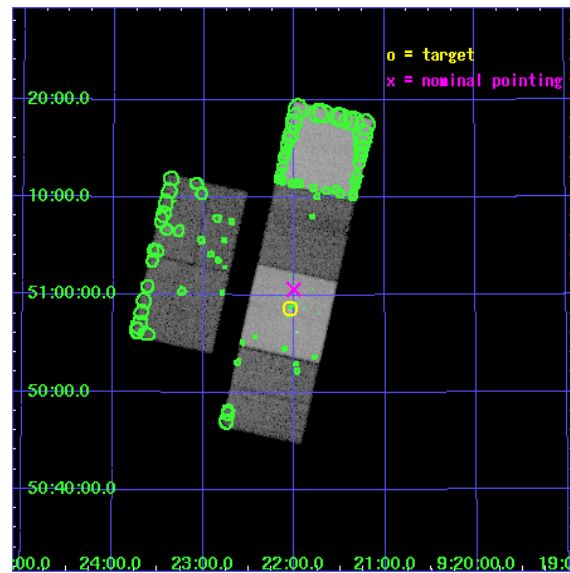
L2 Processing Date : Apr 7 2006

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1 Front

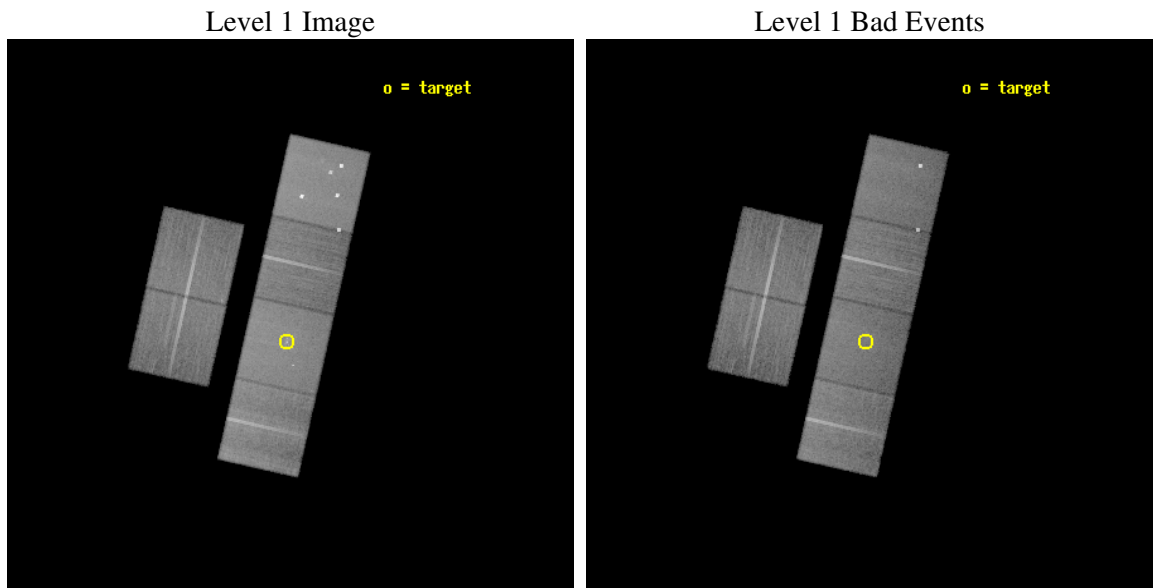
seq_num	600474
obs_id	6096
title	X-raying the Massive Sb Galaxy NGC 2841: a Test of Disk Galaxy formation Theories
observer	Prof. Q. Daniel Wang
object	NGC 2841
dtcycle	0
cycle	P
ra_targ	140.510833
dec_targ	50.976528
ra_nom	140.50174840275
dec_nom	51.009913216858
roll_nom	102.71998870504
revision	2
ontime	28579.199893534
livetime	28217.312856154
ontime2	28572.717912972
ontime3	28579.199893534
ontime5	28579.199893534
ontime6	28579.199893534
ontime7	28579.199893534
ontime8	28579.199893534
l2events	343767



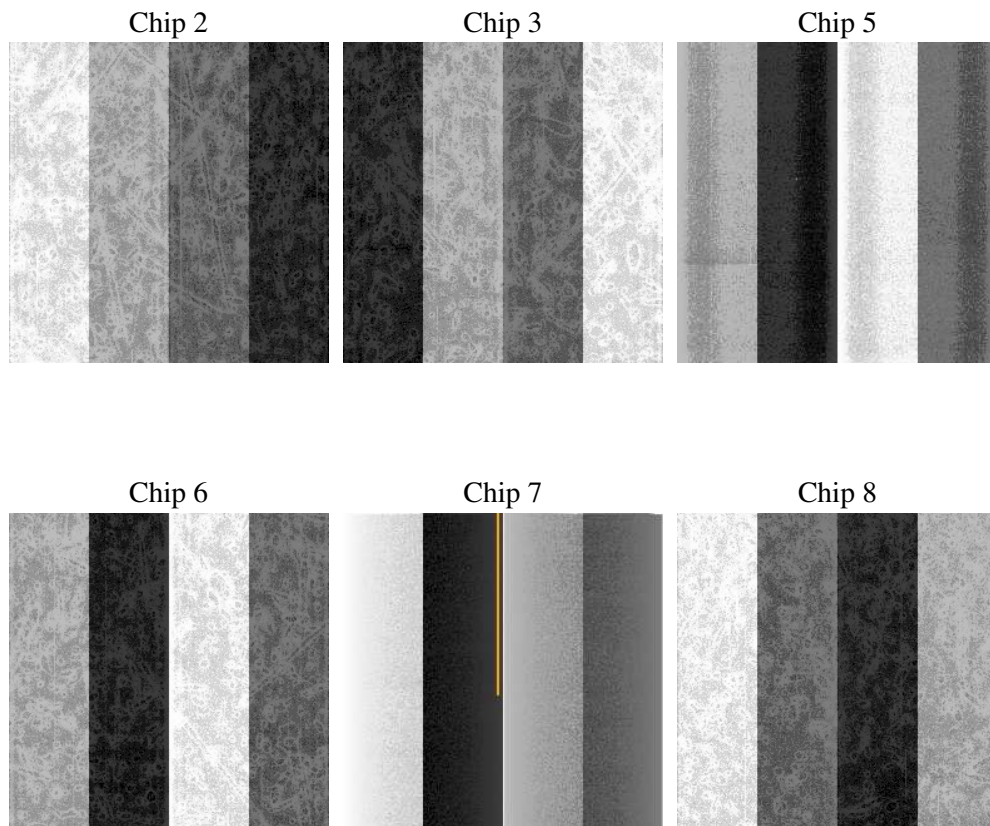
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.7.1
caldsver	3.2.1
date	2006-04-07T07:48:06
revision	2

sched_exp_time	28400.000000
ontime	29690.894747257
ontime2	29684.412746787
ontime3	29690.894727349
ontime5	29690.894747257
ontime6	29690.894727349
ontime7	29690.894747257
ontime8	29690.894727349
l1events	1666105

2.1.4 Events

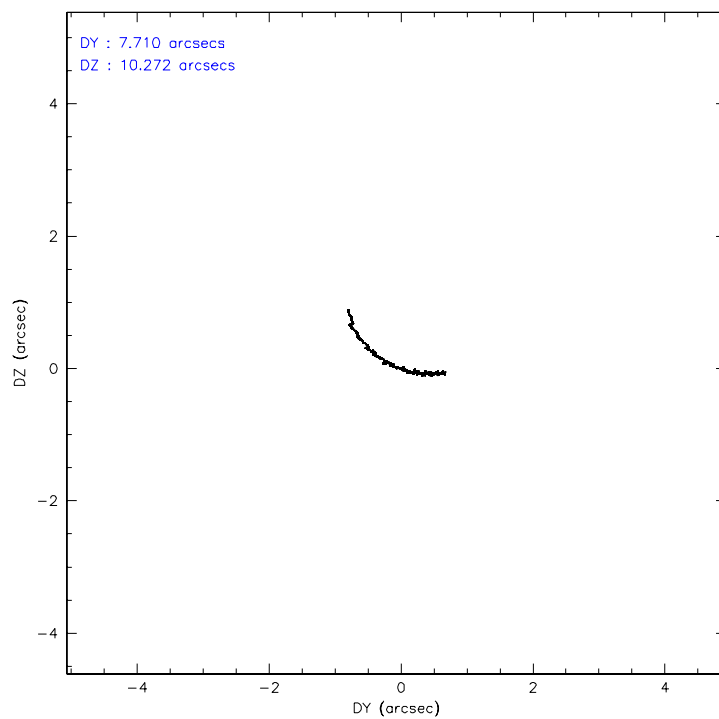
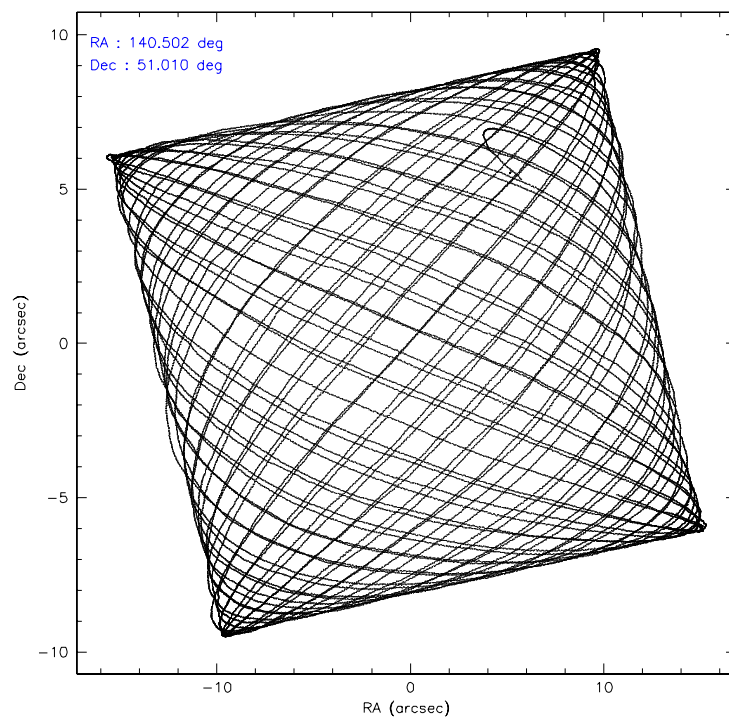
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	235303	222879	365364	236248	314463	291848
rejected events	208307	198218	204176	210443	198110	232335
rejected %	88%	88%	55%	89%	62%	79%

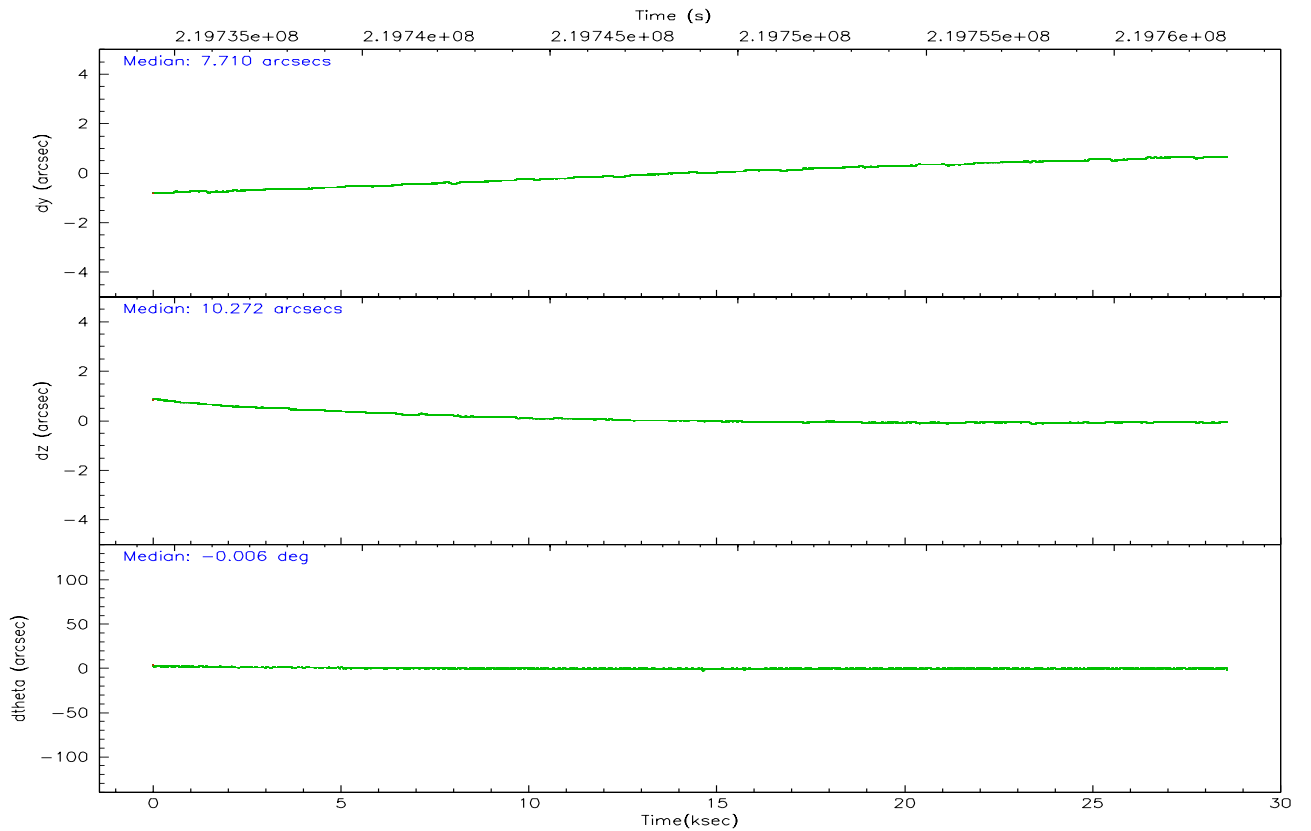
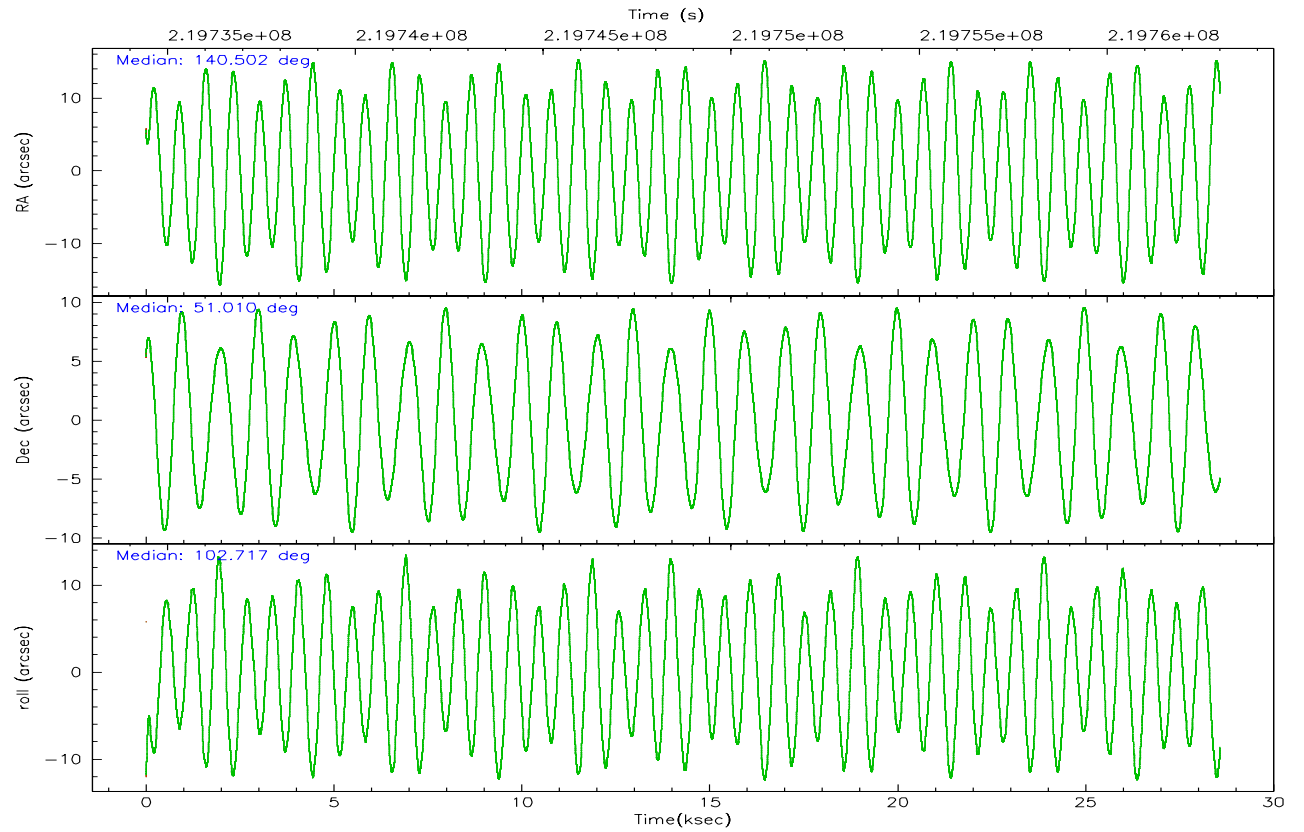
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	12888	11046	25067	10238	7703	19383
	5%	4%	6%	4%	2%	6%
grade 1 events	144	150	1799	90	174	193
	0%	0%	0%	0%	0%	0%
grade 2 events	5584	4835	48411	5746	29928	13774
	2%	2%	13%	2%	9%	4%
grade 3 events	2565	2671	3768	2561	6084	6439
	1%	1%	1%	1%	1%	2%
grade 4 events	2549	2612	3114	2656	5849	5946
	1%	1%	0%	1%	1%	2%
grade 5 events	8976	10179	20874	10485	19996	13706
	3%	4%	5%	4%	6%	4%
grade 6 events	4491	4510	86724	5619	71300	16303
	1%	2%	23%	2%	22%	5%
grade 7 events	198106	186876	175607	198853	173429	216104
	84%	83%	48%	84%	55%	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	VFAINT	VFAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	140.531505	140.5017484027521	Alternating exposures requested	N	N
Pointing Dec	50.990177	51.00991321685814	Primary exposure time	0.000000	3.2
Pointing Roll	102.540240	102.7199887050367			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1425803651734			
SIM translation stage offset (mm)	0	0.01005778216563158			
Observation start time	219734614.184000	219732988.98331			
Observation start date	2004-12-18T05:22:30	2004-12-18T04:56:28			
Observation end time	219763014.184000	219764331.43472			
Observation end date	2004-12-18T13:15:50	2004-12-18T13:38:51			
Read mode	TIMED	TIMED			

2.3 Aspect



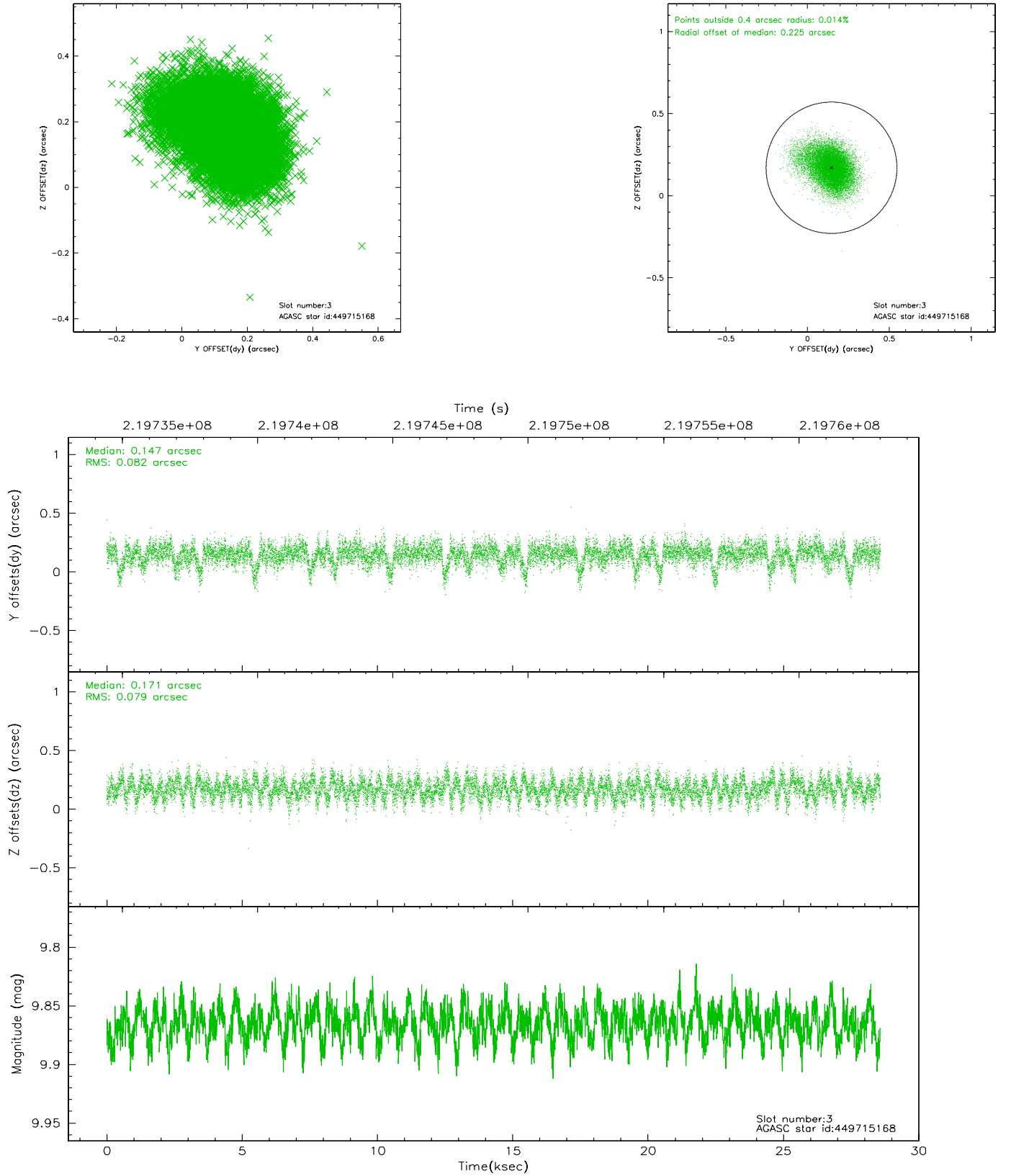


Slot Statistics

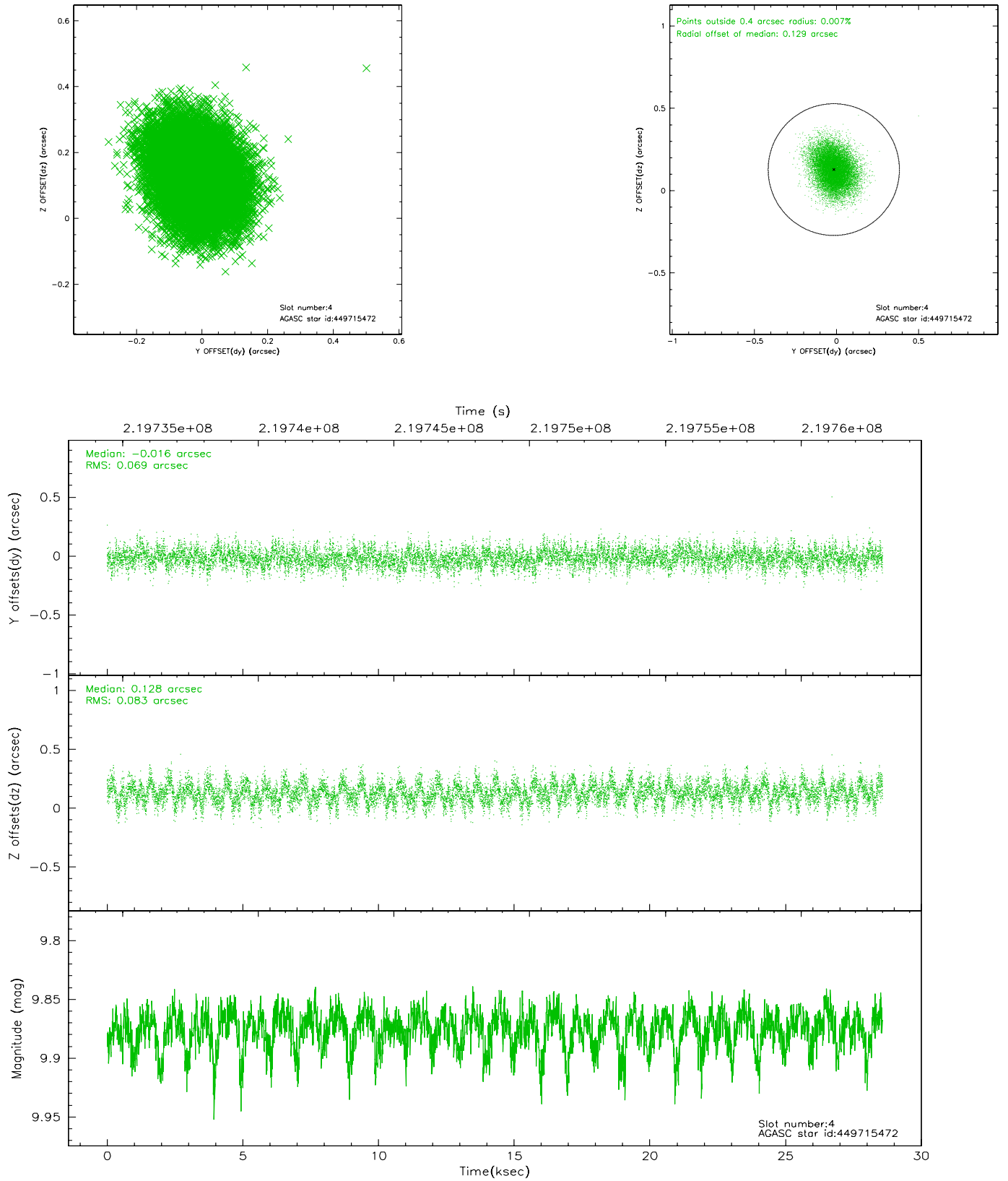
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.19	6973	-0.001	-0.021	0.014	0.025	0.000000	0.000000	935.59	-1727.24
1	FID	ACIS-S-4	7.21	6971	0.044	0.018	0.018	0.032	0.000000	0.000000	2153.07	176.88
2	FID	ACIS-S-5	7.24	6972	-0.070	0.014	0.020	0.033	0.000000	0.000000	-1813.25	170.53
3	GUIDE	449715168	9.87	13924	0.147	0.171	0.118	0.202	140.835455	50.626377	-1427.35	-393.13
4	GUIDE	449715472	9.87	13925	-0.016	0.128	0.115	0.188	141.428350	50.541895	-2008.49	-1654.91
5	GUIDE	449717256	9.80	13864	0.222	-0.077	0.150	0.250	141.368135	50.908832	-687.24	-1792.38
6	GUIDE	449717960	8.39	13941	-0.027	0.032	0.076	0.126	141.183337	50.913061	-585.71	-1385.13
7	GUIDE	449709864	7.88	13944	-0.319	-0.251	0.077	0.121	139.601682	51.402076	1913.59	1713.69

2.4 Star Slots

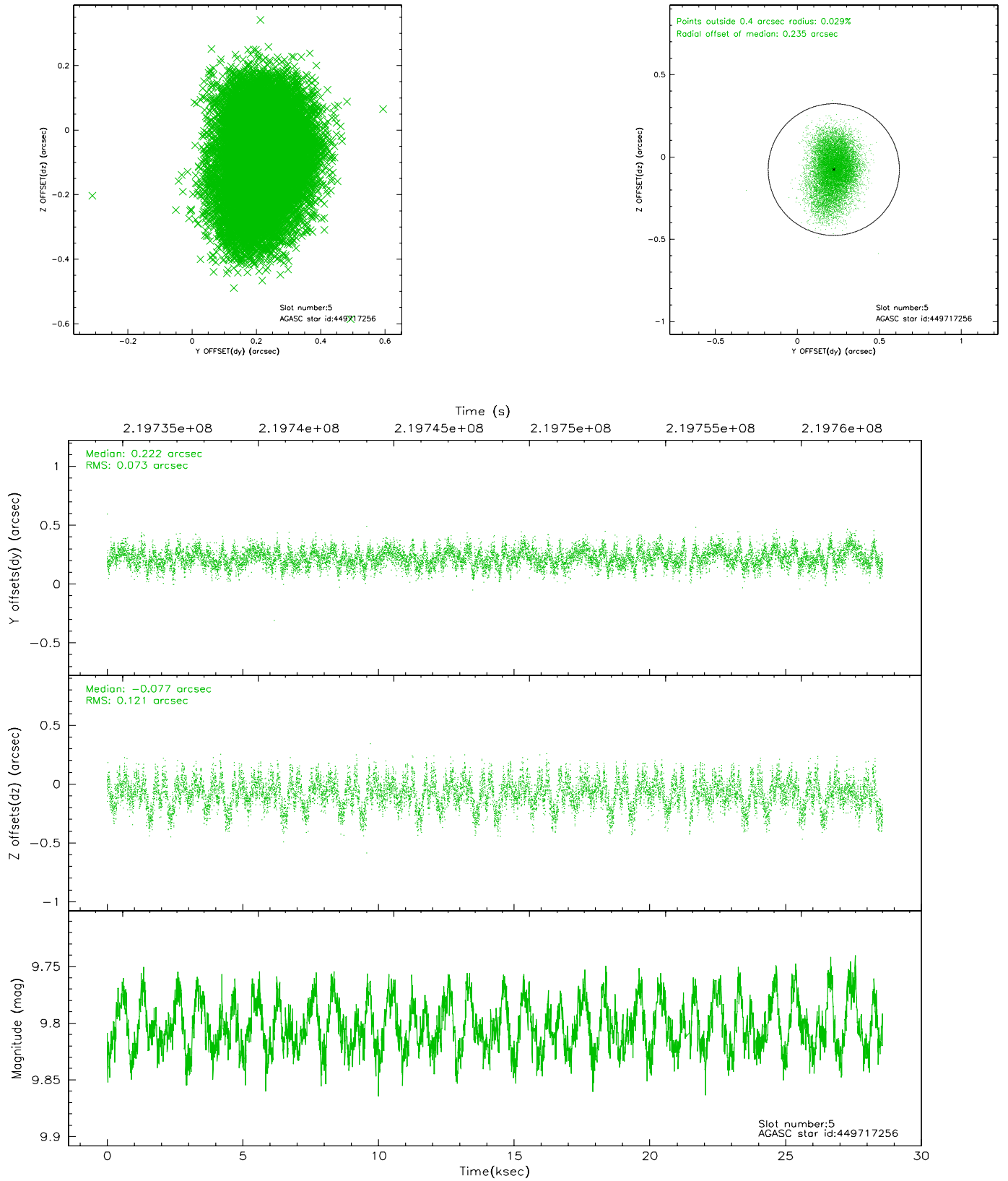
2.4.1 Slot 3



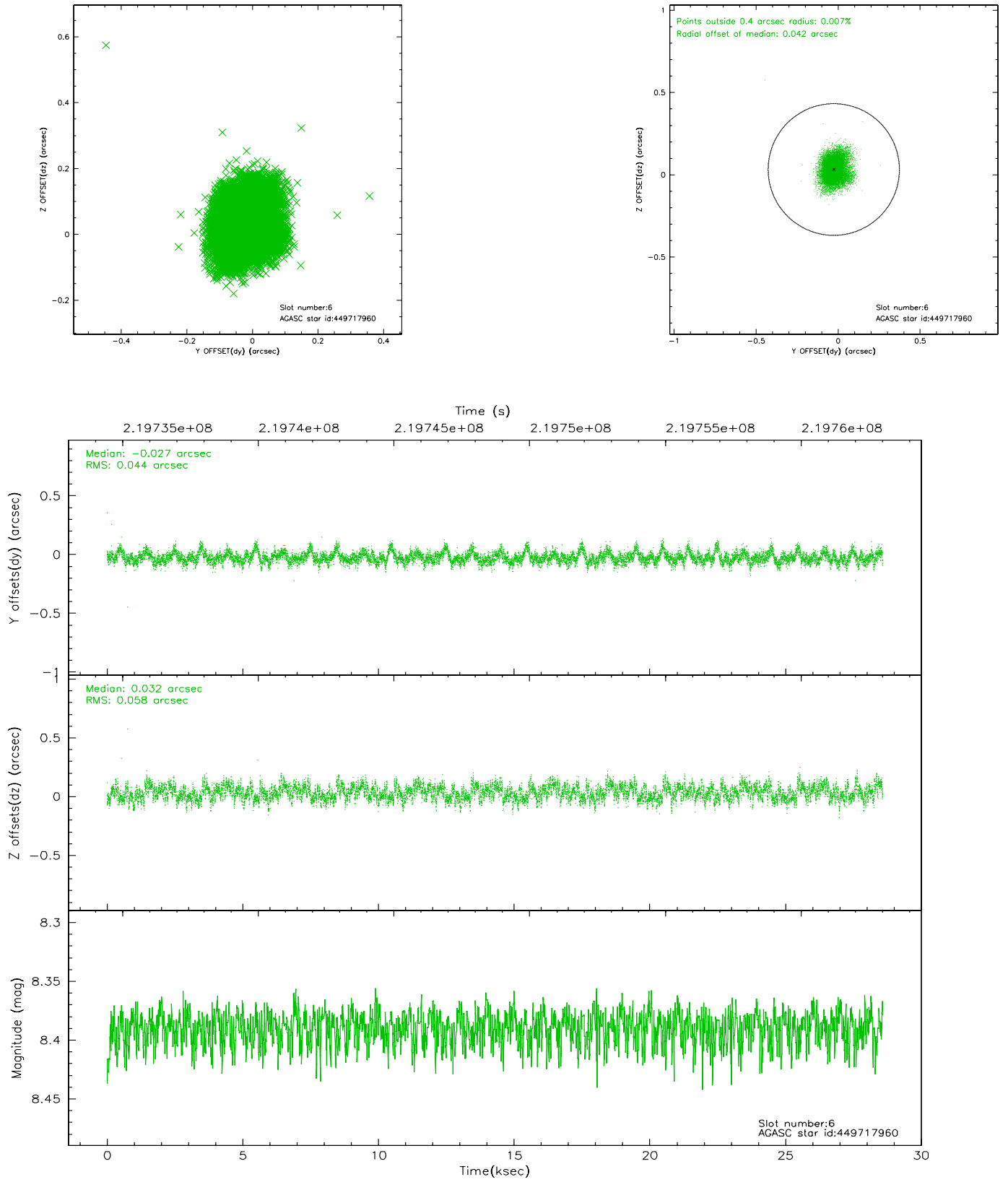
2.4.2 Slot 4



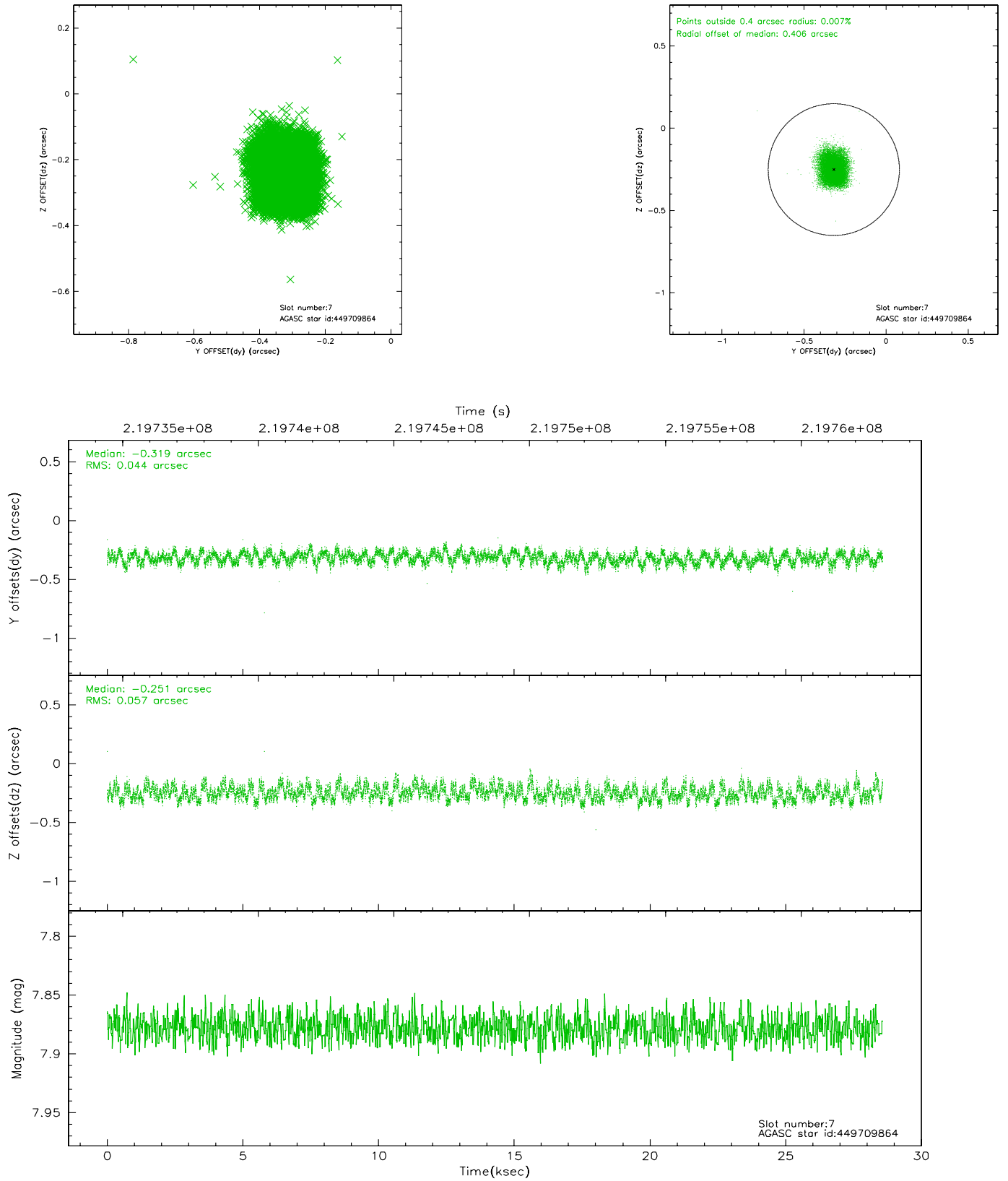
2.4.3 Slot 5



2.4.4 Slot 6

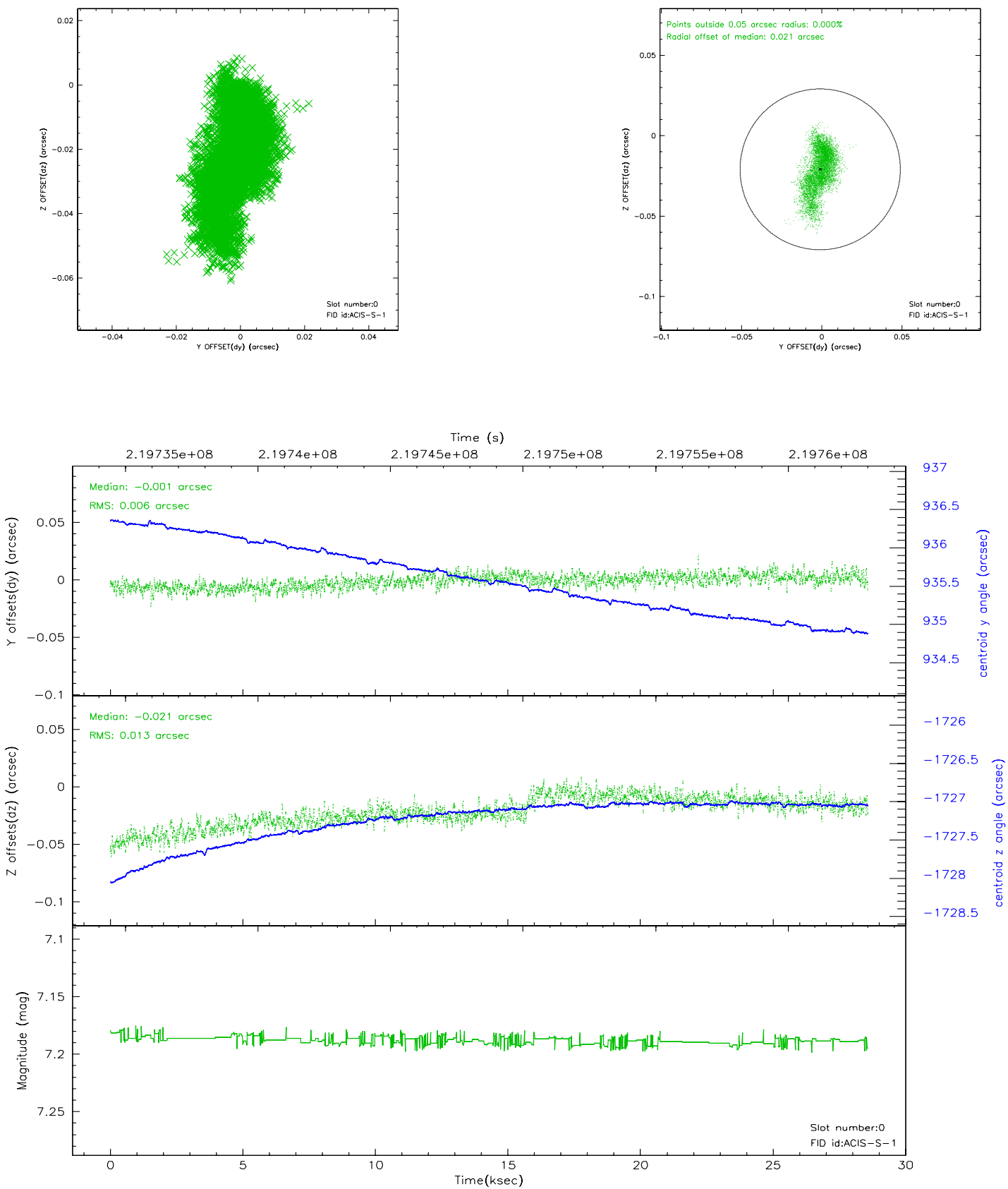


2.4.5 Slot 7

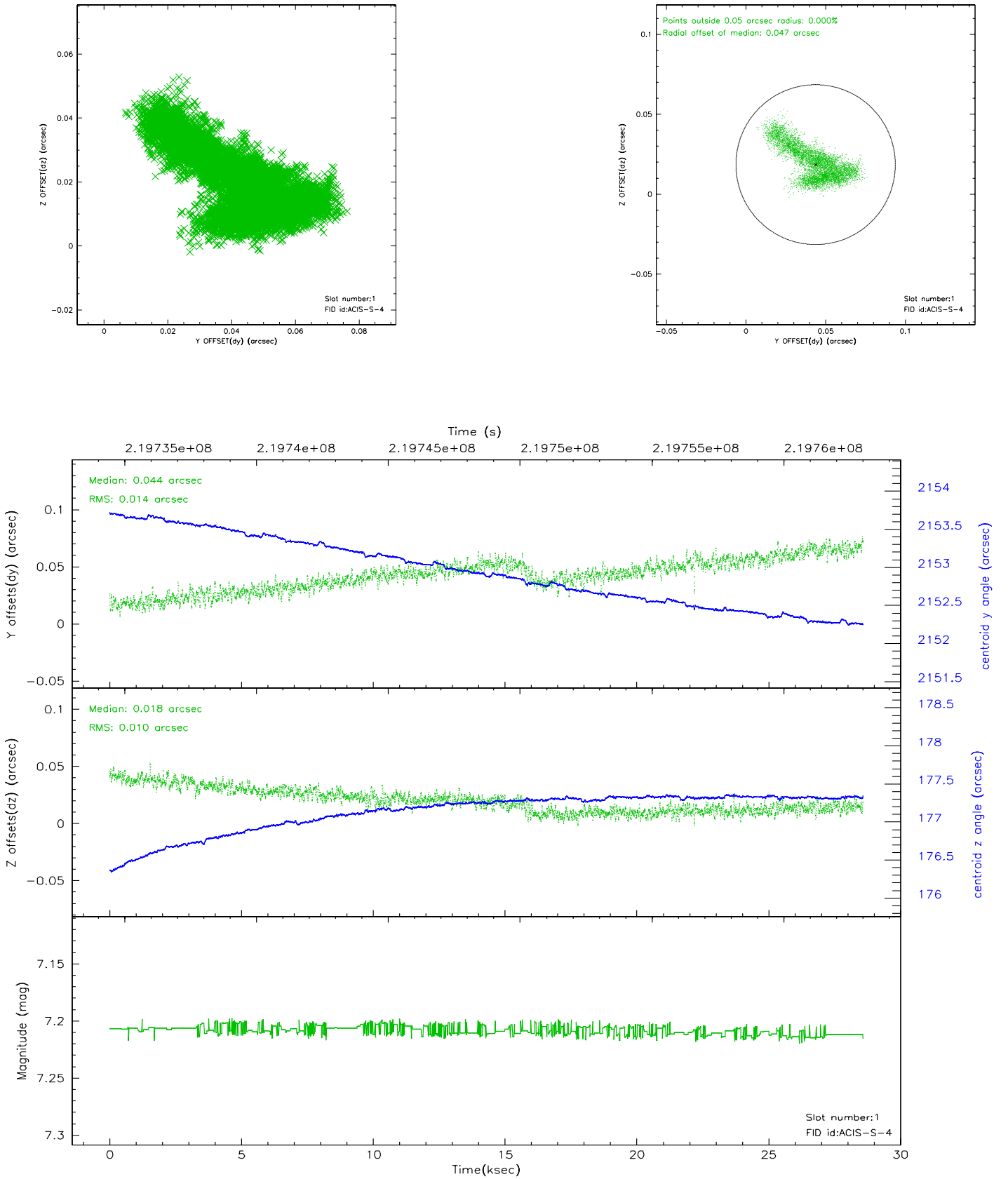


2.5 FID Slots

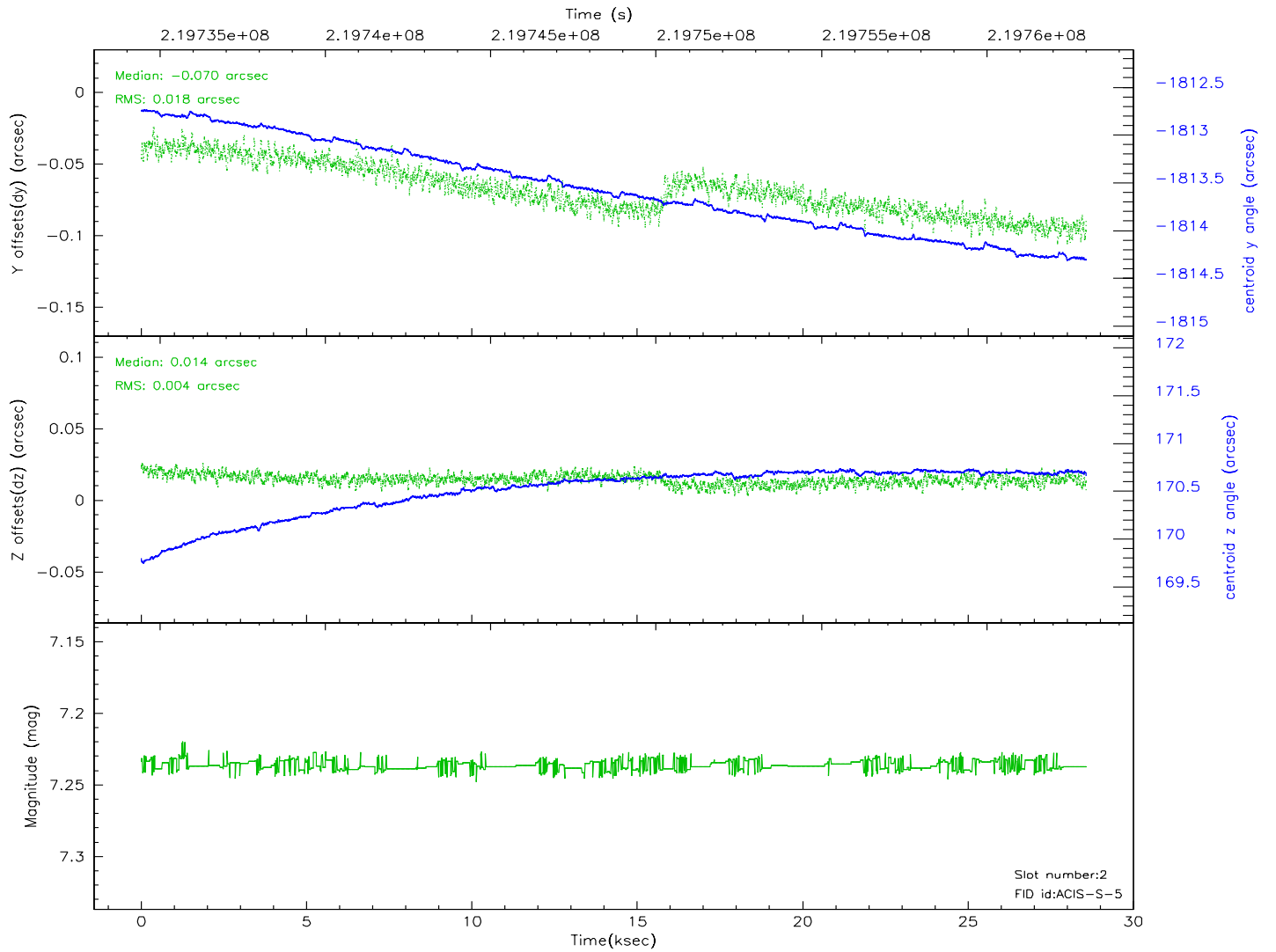
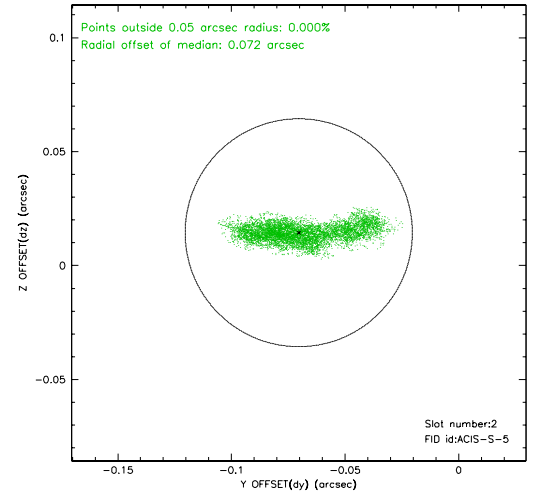
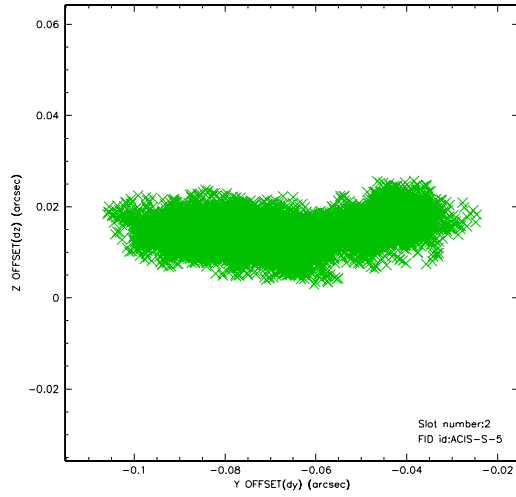
2.5.1 Slot 0



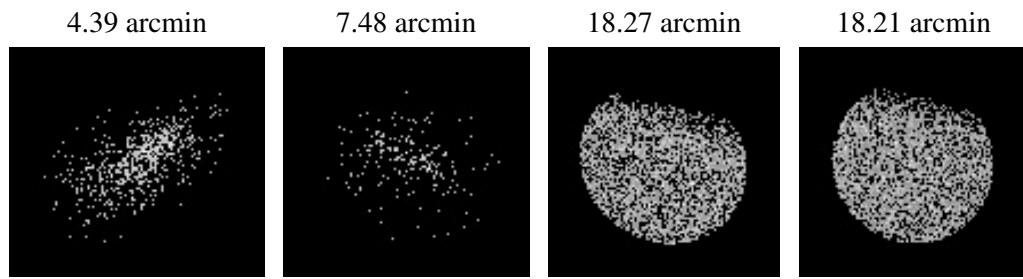
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.04.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	28.57919

A.2 Comments