

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 6175 - L2 Version 002
Chandra X-Ray Center

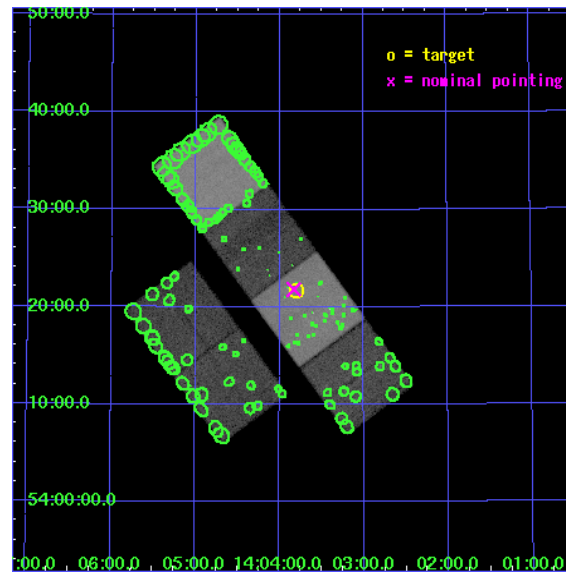
L2 Processing Date : Apr 7 2006

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1 Front

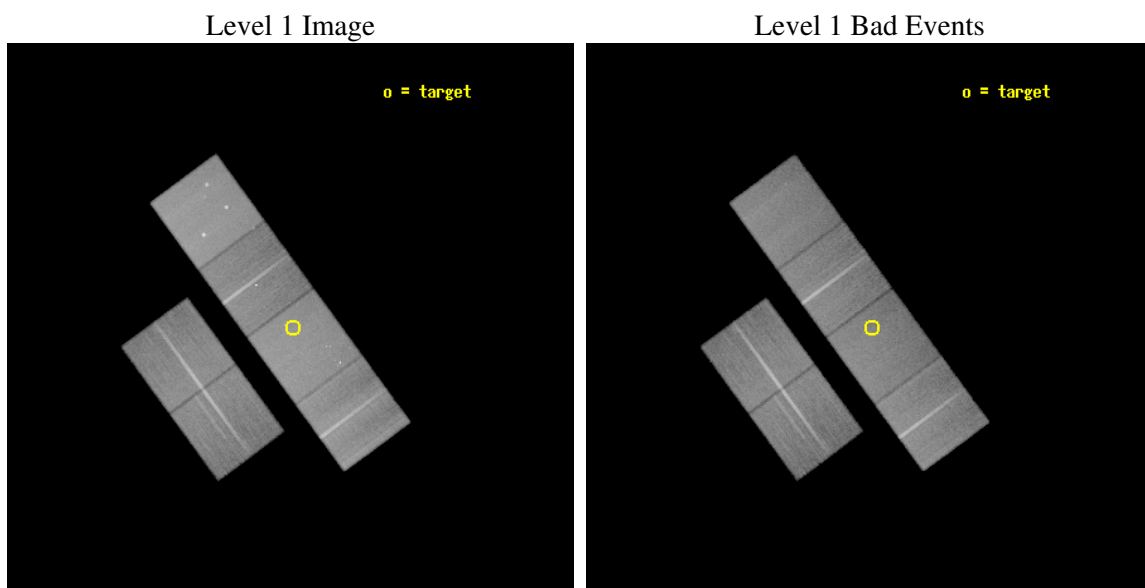
seq_num	600392
obs_id	6175
title	An Ultra-Deep Study of M101
observer	Dr. K. Kuntz
object	M101
dtcycle	0
cycle	P
ra_targ	210.950833
dec_targ	54.361389
ra_nom	210.95721262158
dec_nom	54.36362494774
roll_nom	53.702447578151
revision	2
ontime	41177.599846601
livetime	40656.18428317
ontime2	41177.599846601
ontime3	41171.117906034
ontime5	41177.599846601
ontime6	41177.599846601
ontime7	41177.599846601
ontime8	41177.599846601
l2events	520180



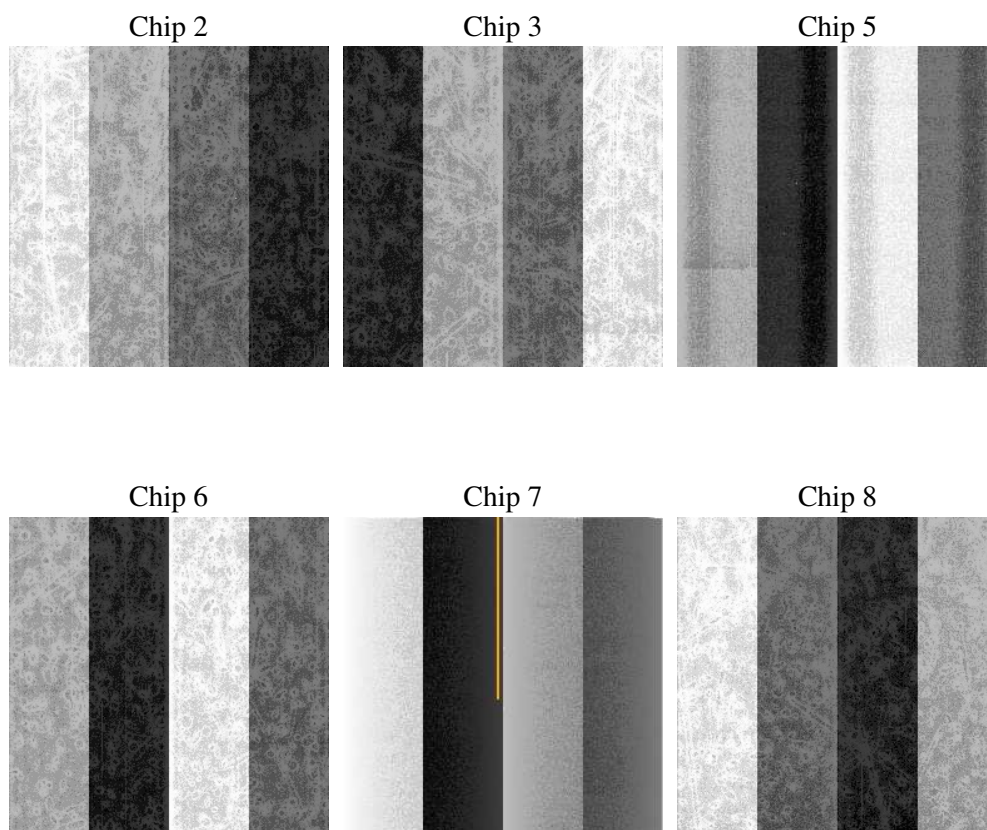
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.1
caldsver	3.2.1
date	2006-04-07T13:14:34
revision	2

sched_exp_time	41000.000000
ontime	41193.14216575
ontime2	41193.142135829
ontime3	41186.660225183
ontime5	41193.14216575
ontime6	41193.142135829
ontime7	41193.14216575
ontime8	41193.142135829
l1events	2330768

2.1.4 Events

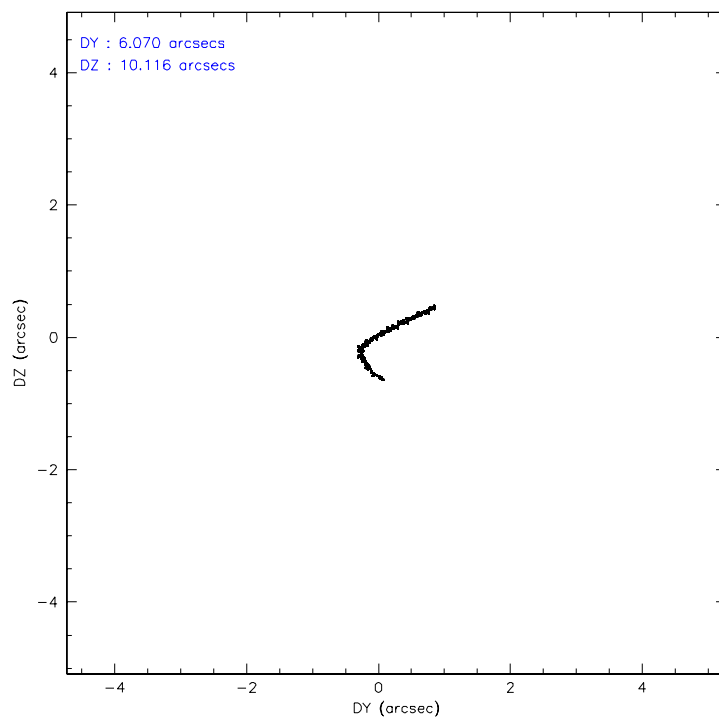
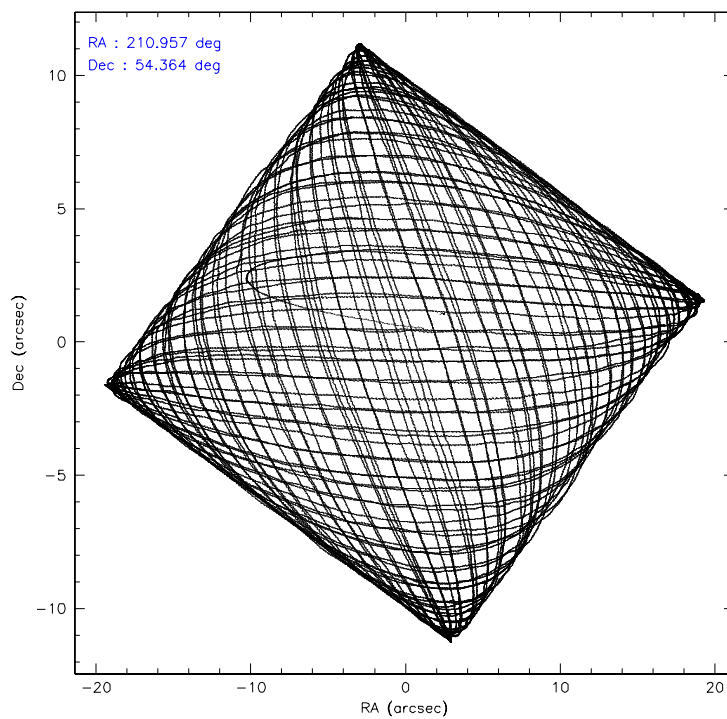
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	335638	317770	483048	335340	443429	415543
rejected events	295107	278452	269571	292081	268952	321430
rejected %	87%	87%	55%	87%	60%	77%

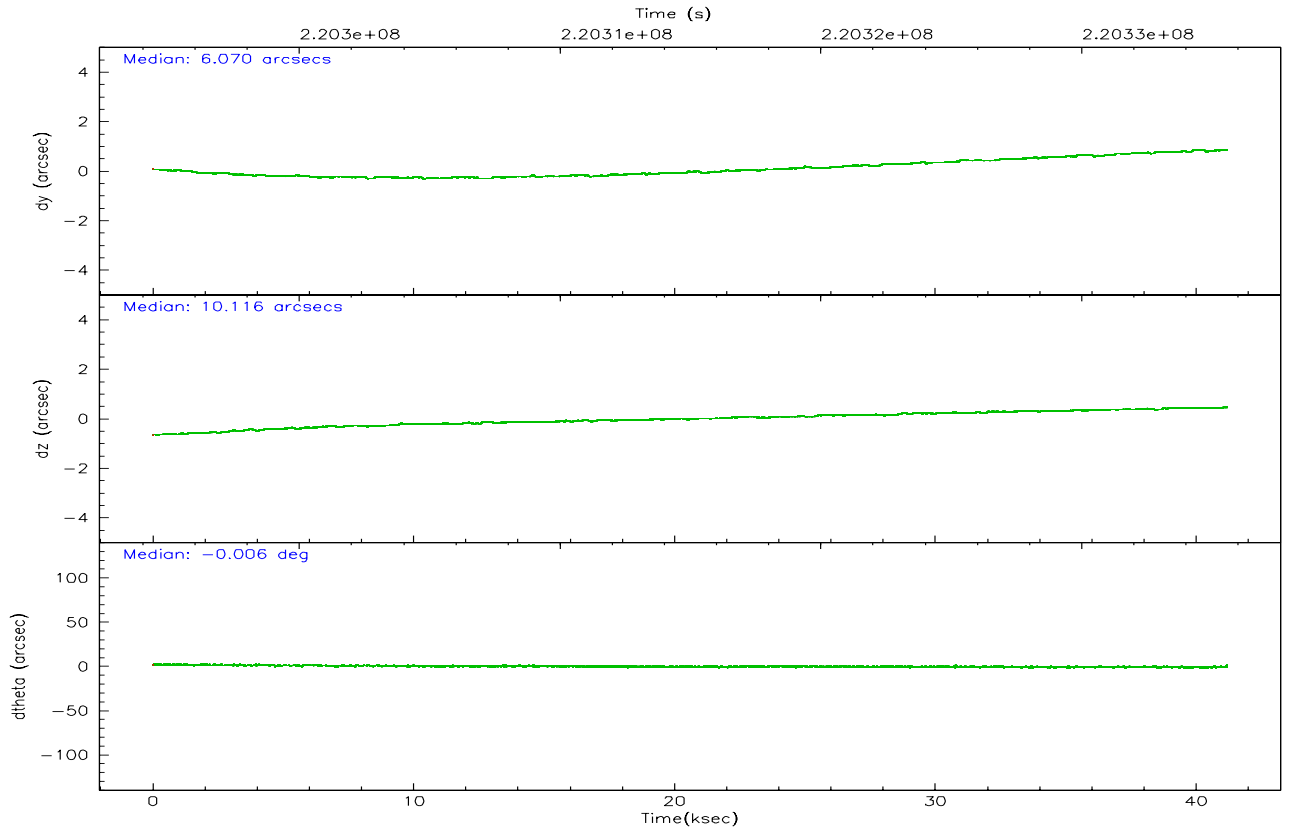
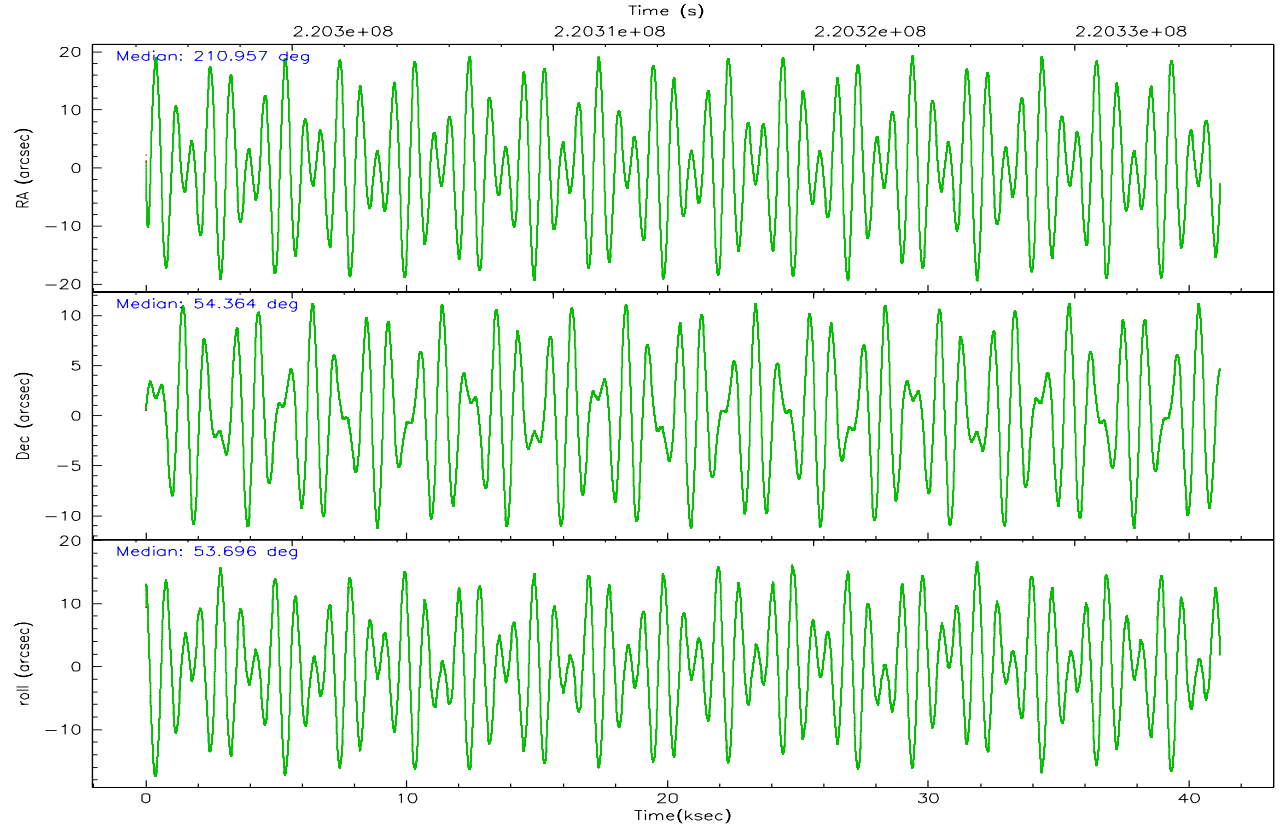
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	17924	17051	17295	18336	11852	30664
	5%	5%	3%	5%	2%	7%
grade 1 events	236	190	574	175	292	274
	0%	0%	0%	0%	0%	0%
grade 2 events	8658	7978	64891	9194	43650	20362
	2%	2%	13%	2%	9%	4%
grade 3 events	3622	3728	4531	3871	9046	10334
	1%	1%	0%	1%	2%	2%
grade 4 events	3559	3578	4471	3795	8984	9503
	1%	1%	0%	1%	2%	2%
grade 5 events	12789	14217	22692	15003	29008	19558
	3%	4%	4%	4%	6%	4%
grade 6 events	6789	7005	122412	8078	101003	23362
	2%	2%	25%	2%	22%	5%
grade 7 events	282061	264023	246182	276888	239594	301486
	84%	83%	50%	82%	54%	72%

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	210.952749	210.9572126215762	Alternating exposures requested	N	N
Pointing Dec	54.336526	54.36362494774016	Primary exposure time	0.000000	3.2
Pointing Roll	53.549439	53.70244757815082			
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	220294576.184000	220293498.47106			
Observation start date	2004-12-24T16:55:12	2004-12-24T16:38:18			
Observation end time	220335576.184000	220336176.39798			
Observation end date	2004-12-25T04:18:32	2004-12-25T04:29:36			
Read mode	TIMED	TIMED			

2.3 Aspect



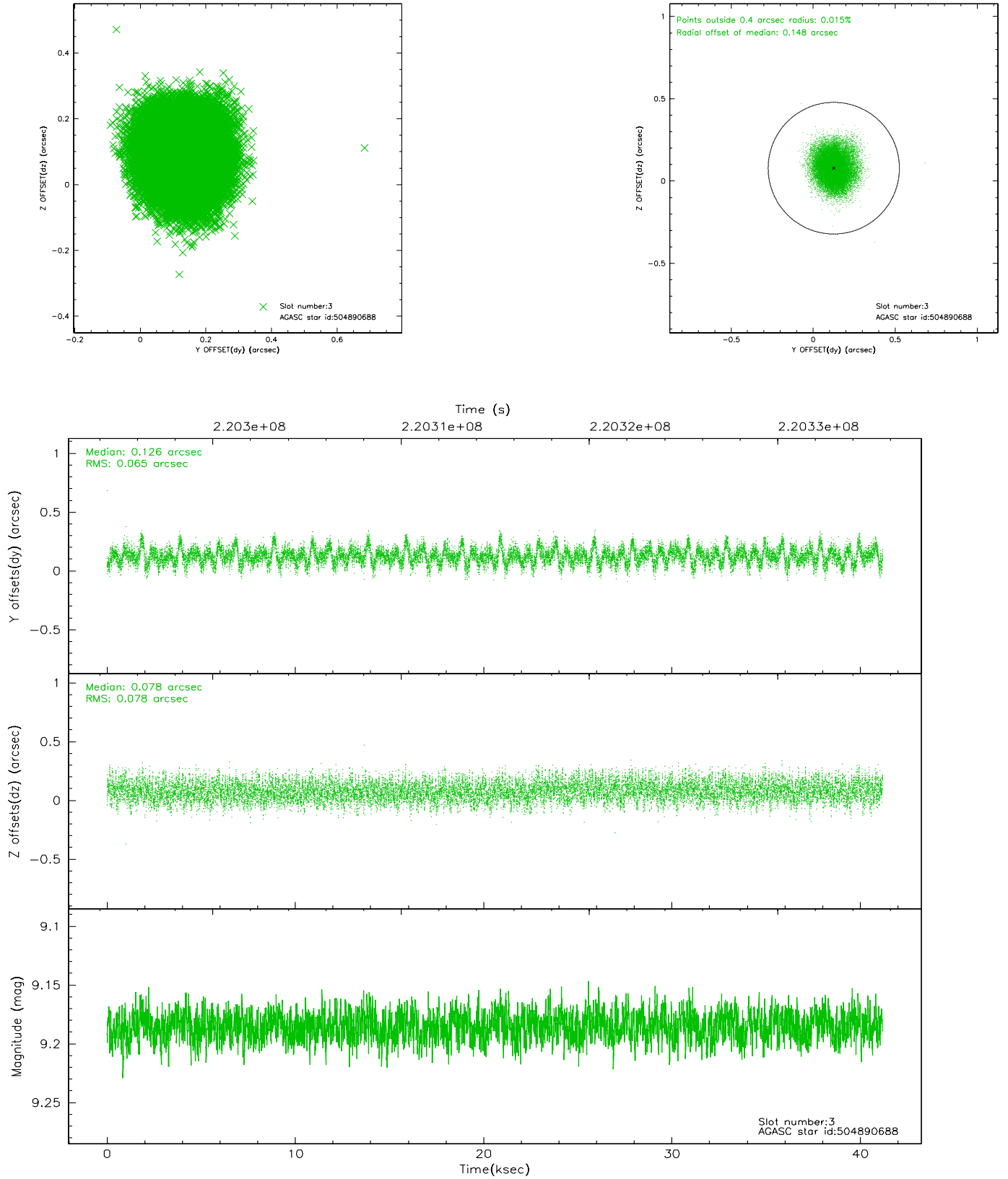


Slot Statistics

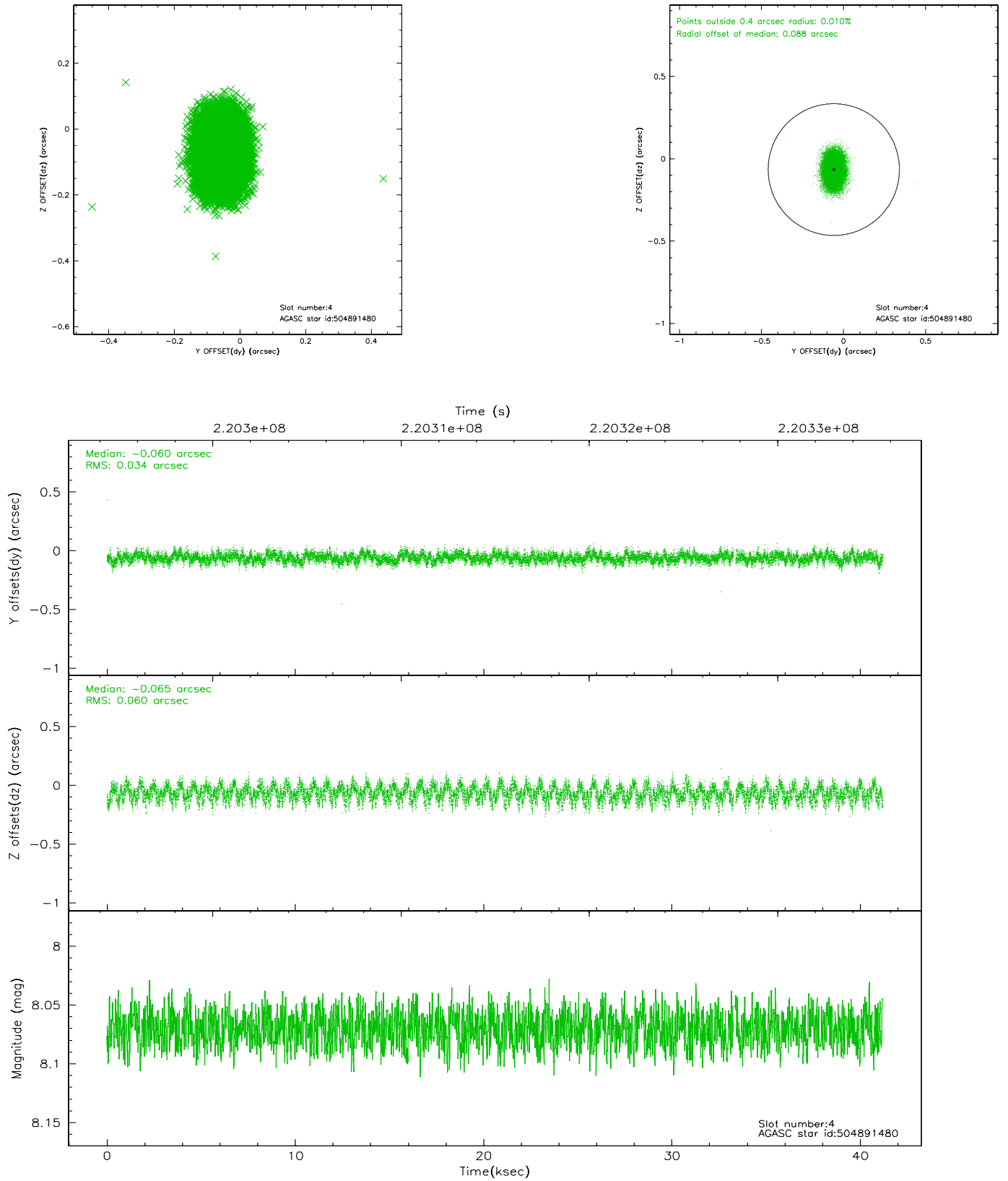
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-4	7.20	10046	0.039	0.004	0.013	0.019	0.000000	0.000000	2154.47	177.35
1	FID	ACIS-S-5	7.23	10042	-0.077	0.001	0.024	0.032	0.000000	0.000000	-1811.81	170.75
2	FID	ACIS-S-6	7.35	10044	0.005	0.009	0.015	0.023	0.000000	0.000000	402.67	814.54
3	GUIDE	504890688	9.19	20080	0.126	0.078	0.110	0.173	211.697686	53.837149	-498.64	-2336.25
4	GUIDE	504891480	8.07	20026	-0.060	-0.065	0.074	0.120	210.708012	54.666096	652.41	1115.37
5	GUIDE	504894408	9.26	20078	-0.106	0.122	0.101	0.159	211.942794	54.047749	419.22	-2291.63
6	GUIDE	504894856	8.97	20081	0.131	-0.058	0.082	0.135	209.819510	54.132689	-1994.70	1497.86
7	GUIDE	505292416	9.30	20078	-0.096	-0.072	0.104	0.165	210.920759	55.040479	1999.28	1559.63

2.4 Star Slots

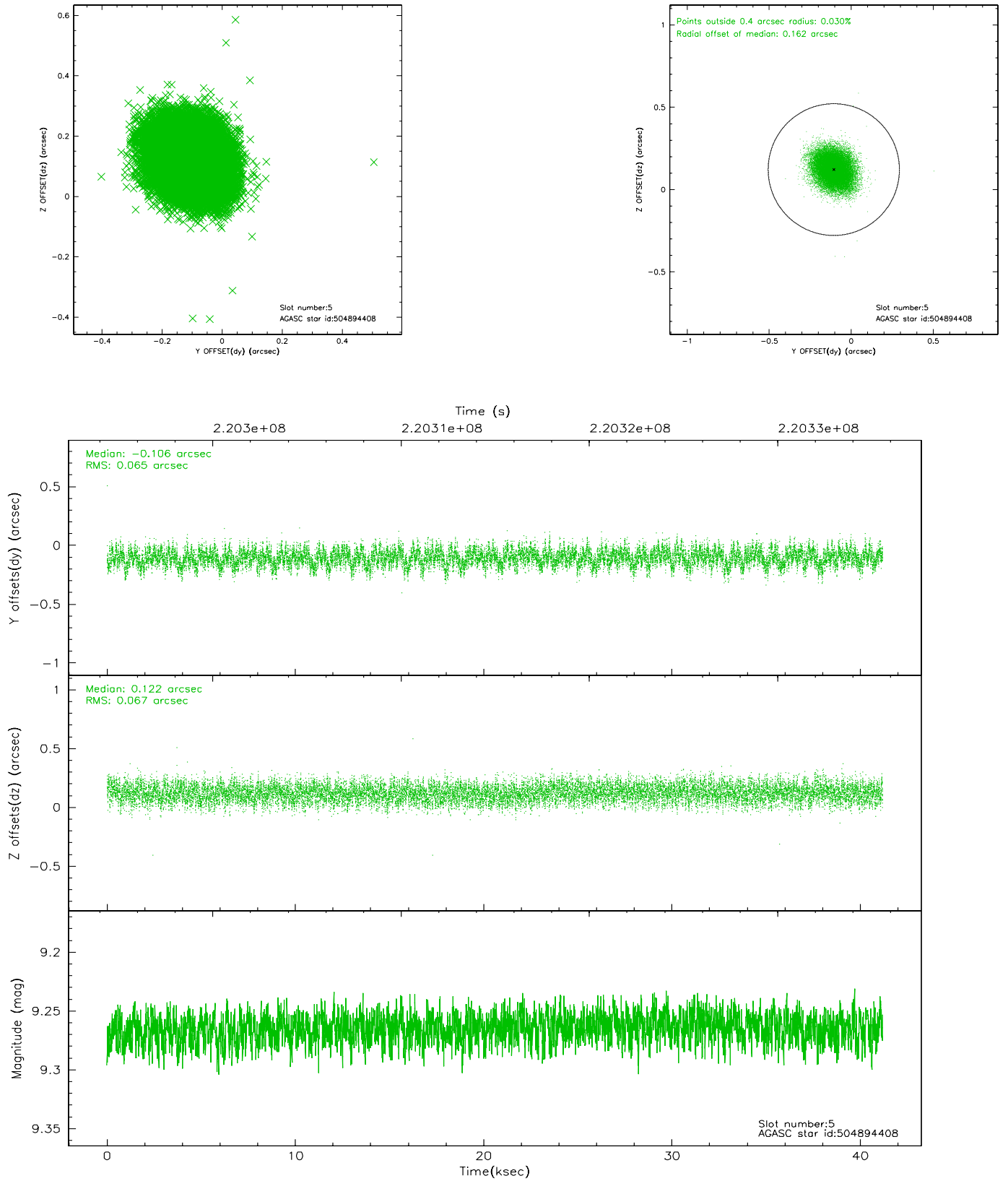
2.4.1 Slot 3



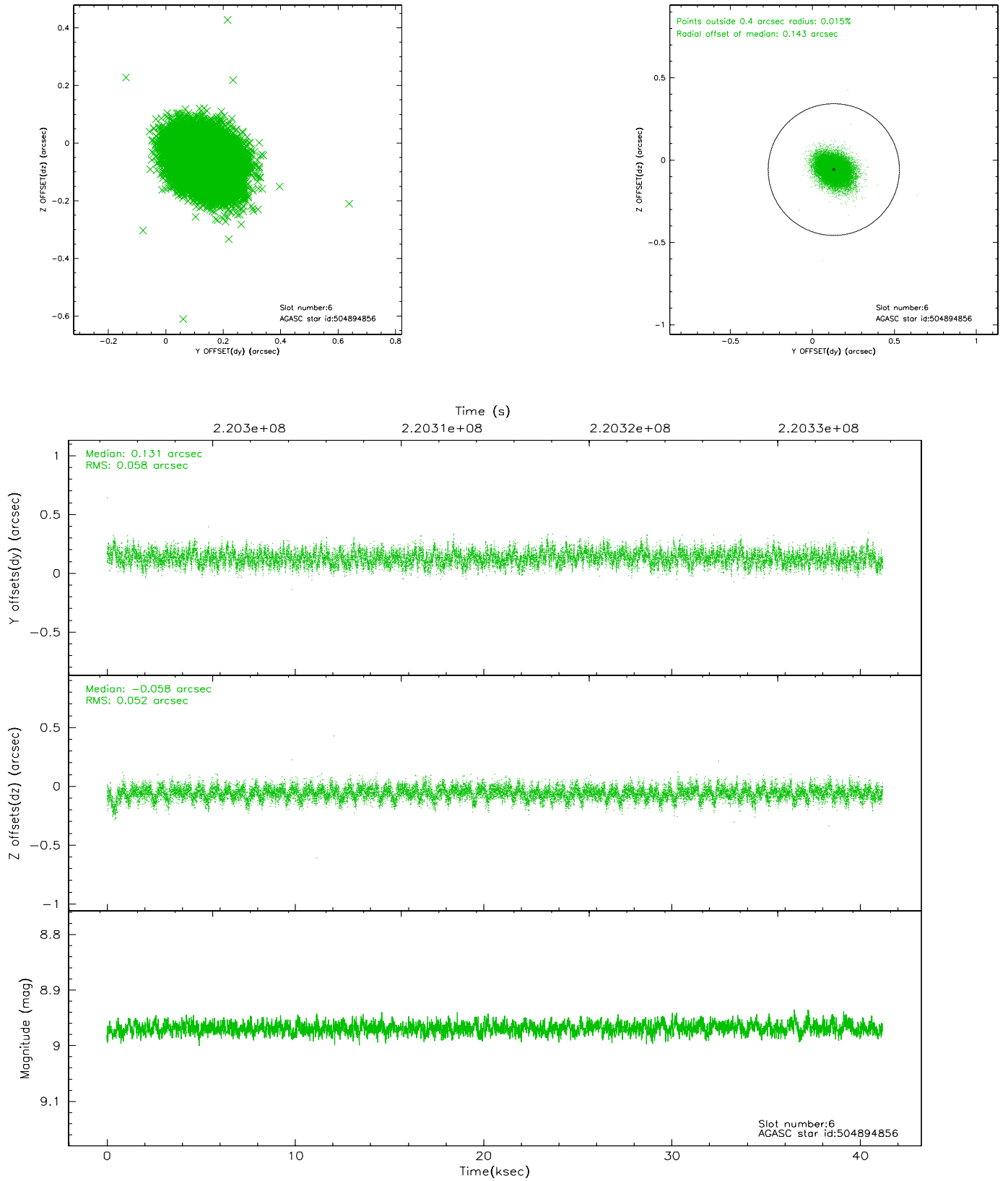
2.4.2 Slot 4



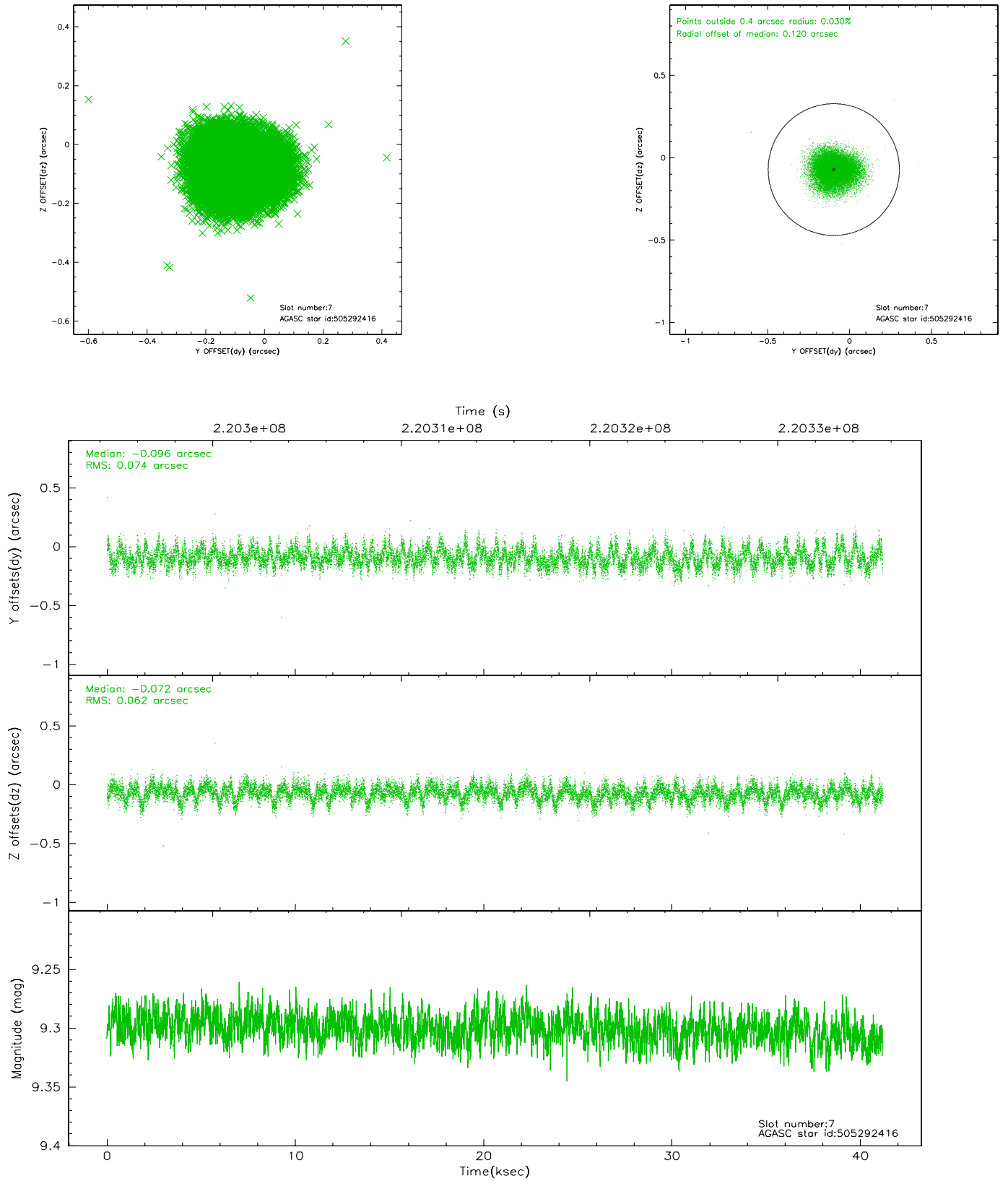
2.4.3 Slot 5



2.4.4 Slot 6

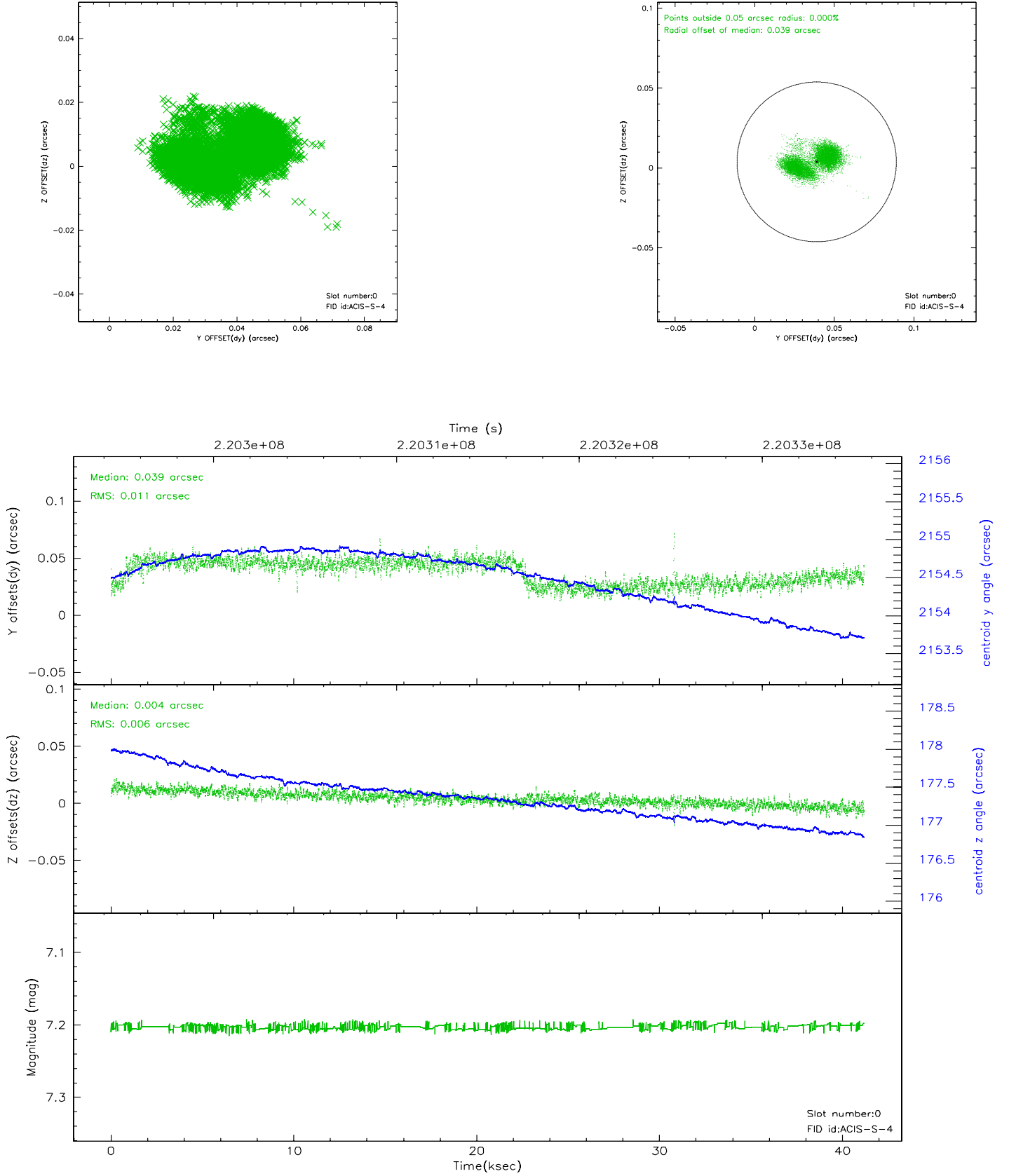


2.4.5 Slot 7

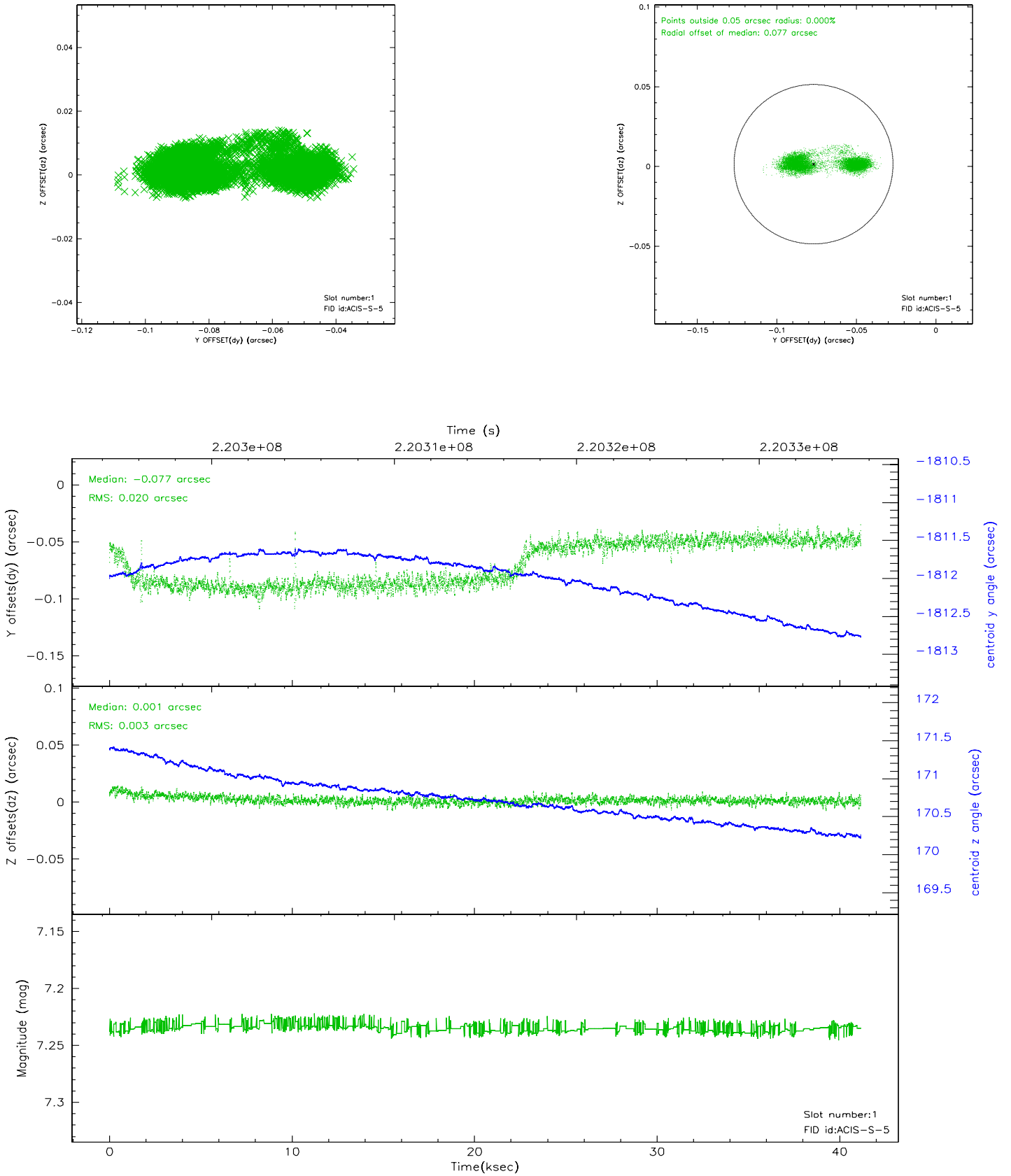


2.5 FID Slots

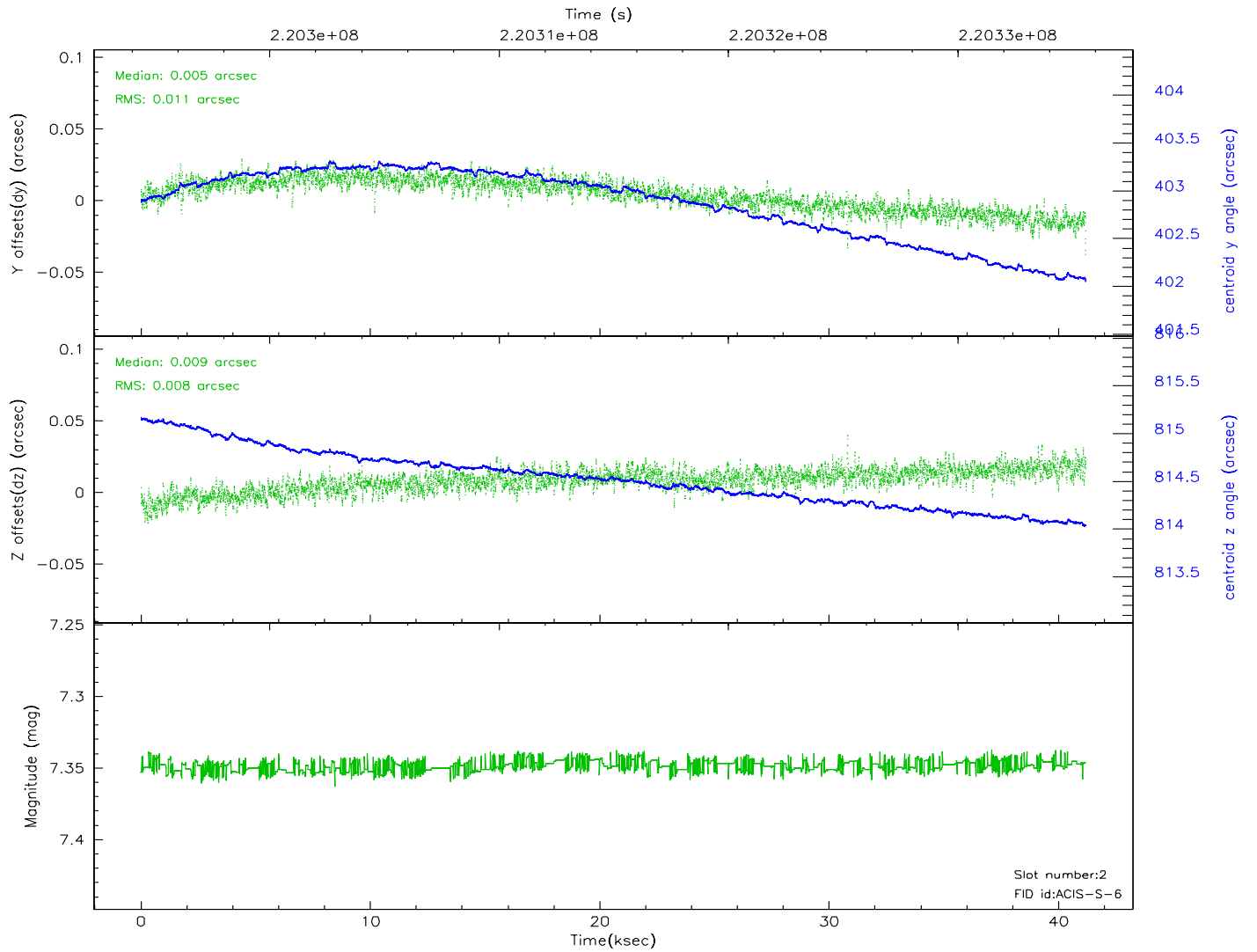
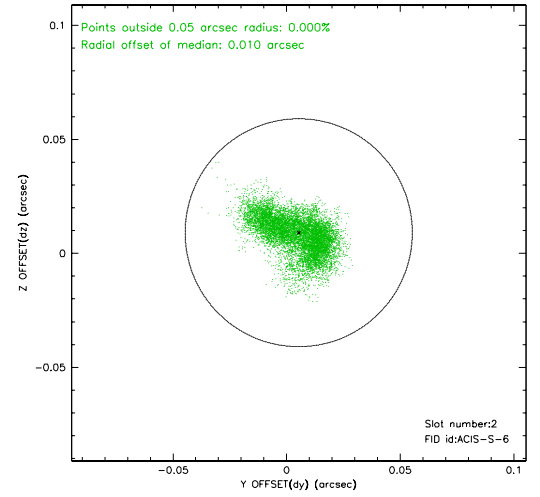
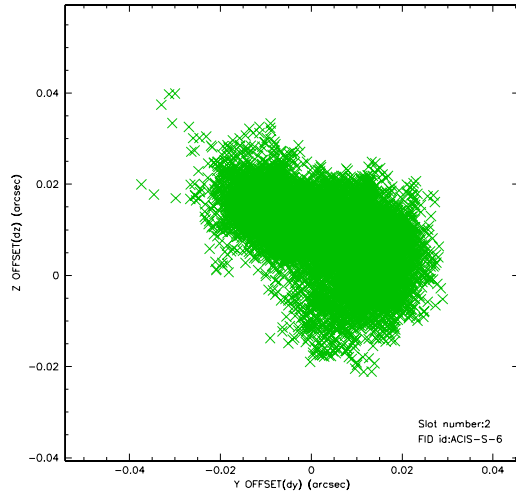
2.5.1 Slot 0



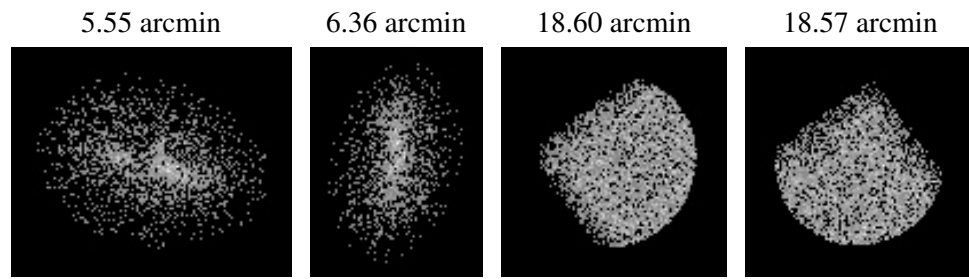
2.5.2 Slot 1



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	41.17759

A.2 Comments