

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 4733 - L2 Version 001
Chandra X-Ray Center

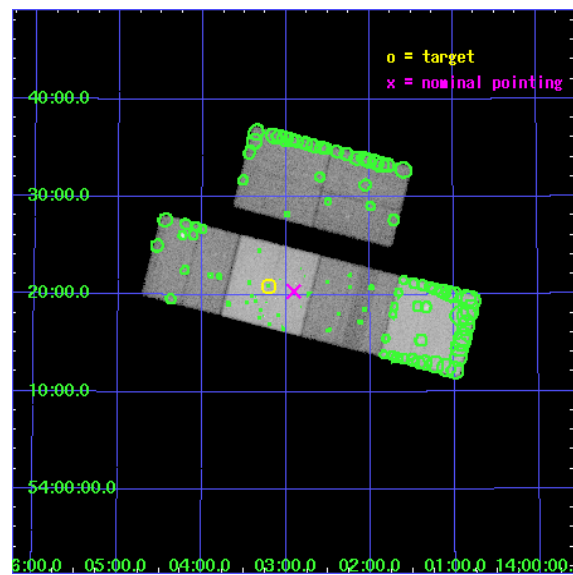
L2 Processing Date : May 18 2006

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1 Front

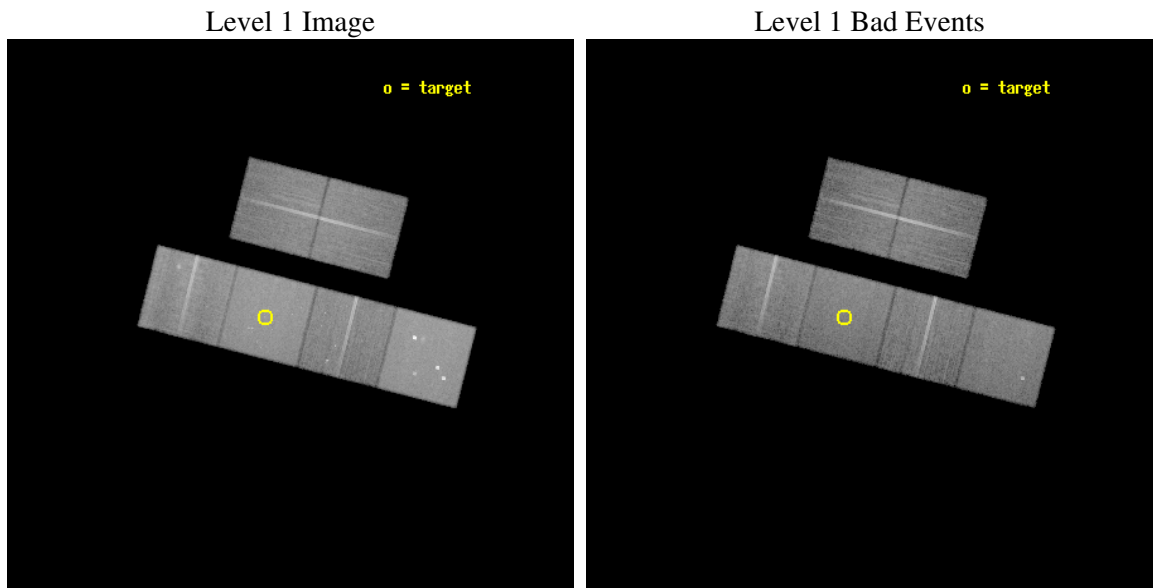
seq_num	600388
obs_id	4733
title	An Ultra-Deep Study of M101
observer	Dr. K. Kuntz
object	M101
dtcycle	0
cycle	P
ra_targ	210.80375
dec_targ	54.348778
ra_nom	210.72705066104
dec_nom	54.339242728678
roll_nom	194.29179771128
revision	2
ontime	25132.799906373
livetime	24814.553260803
ontime2	24435.991087615
ontime3	24552.66631642
ontime5	25132.799906373
ontime6	24685.545968413
ontime7	25132.799906373
ontime8	24727.678591907
l2events	476013



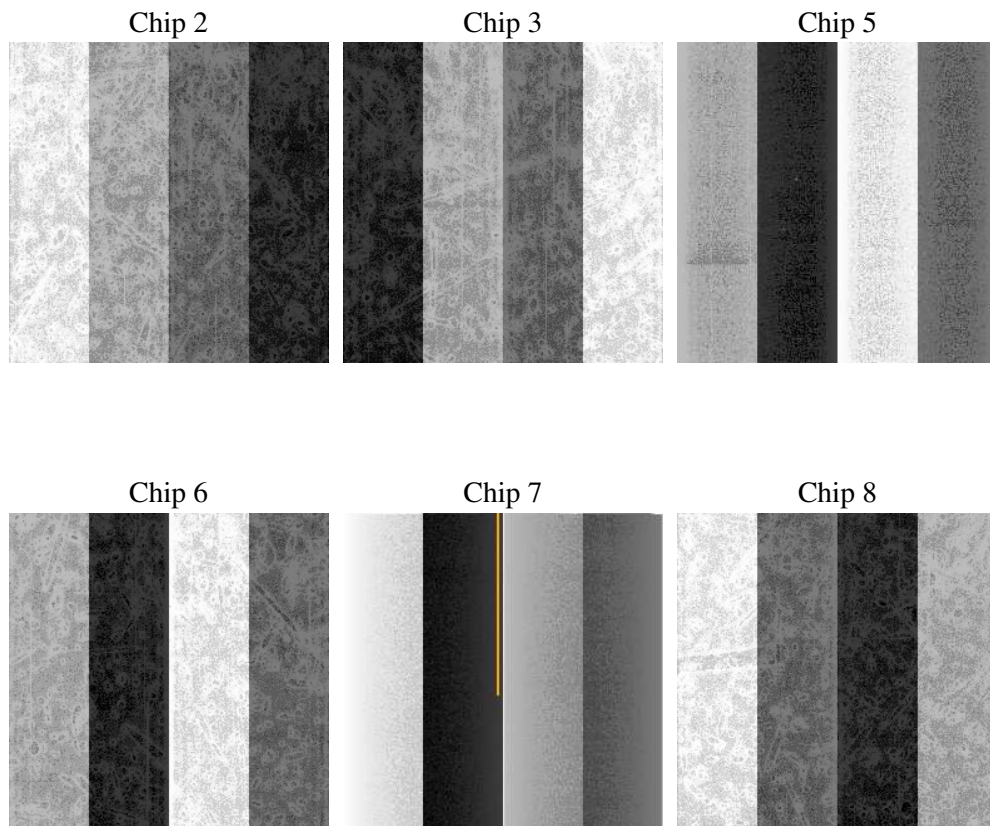
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.2
caldsver	3.2.2
date	2006-05-18T19:23:18
revision	2

sched_exp_time	25000.000000
ontime	26861.425774992
ontime2	26164.616936326
ontime3	26281.292185038
ontime5	26861.425774992
ontime6	26414.171817124
ontime7	26861.425774992
ontime8	26456.304460526
l1events	1579380

2.1.4 Events

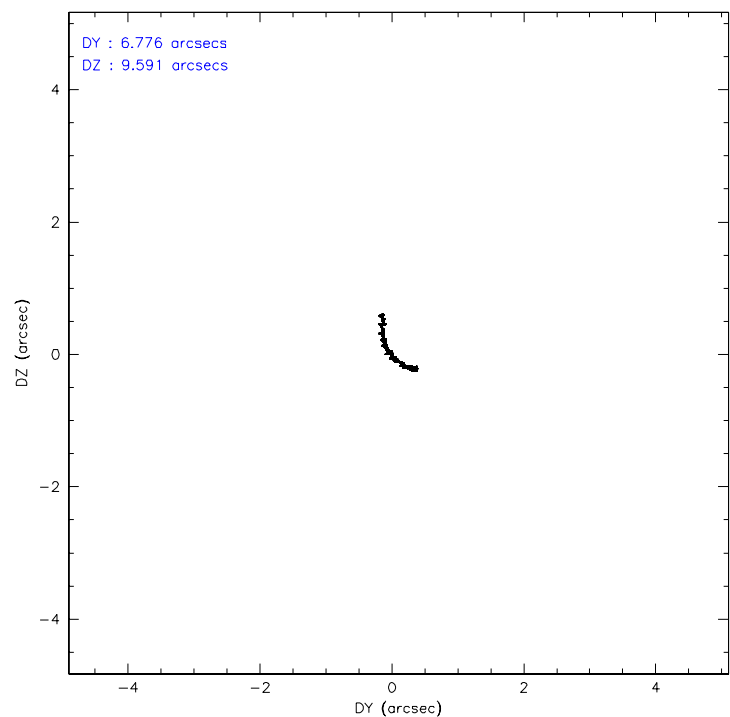
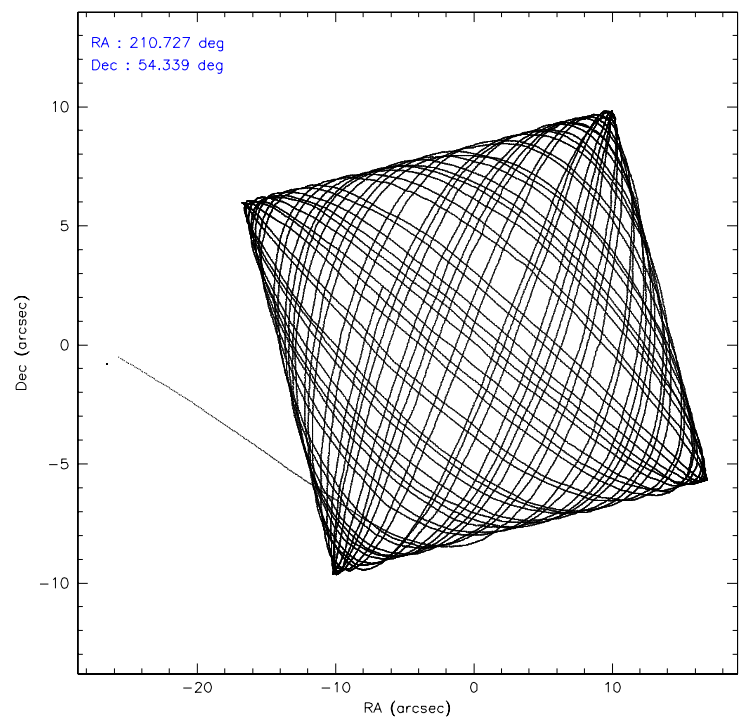
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	219847	211680	339679	222399	309630	276145
rejected events	169690	161322	176204	168389	173681	193770
rejected %	77%	76%	51%	75%	56%	70%

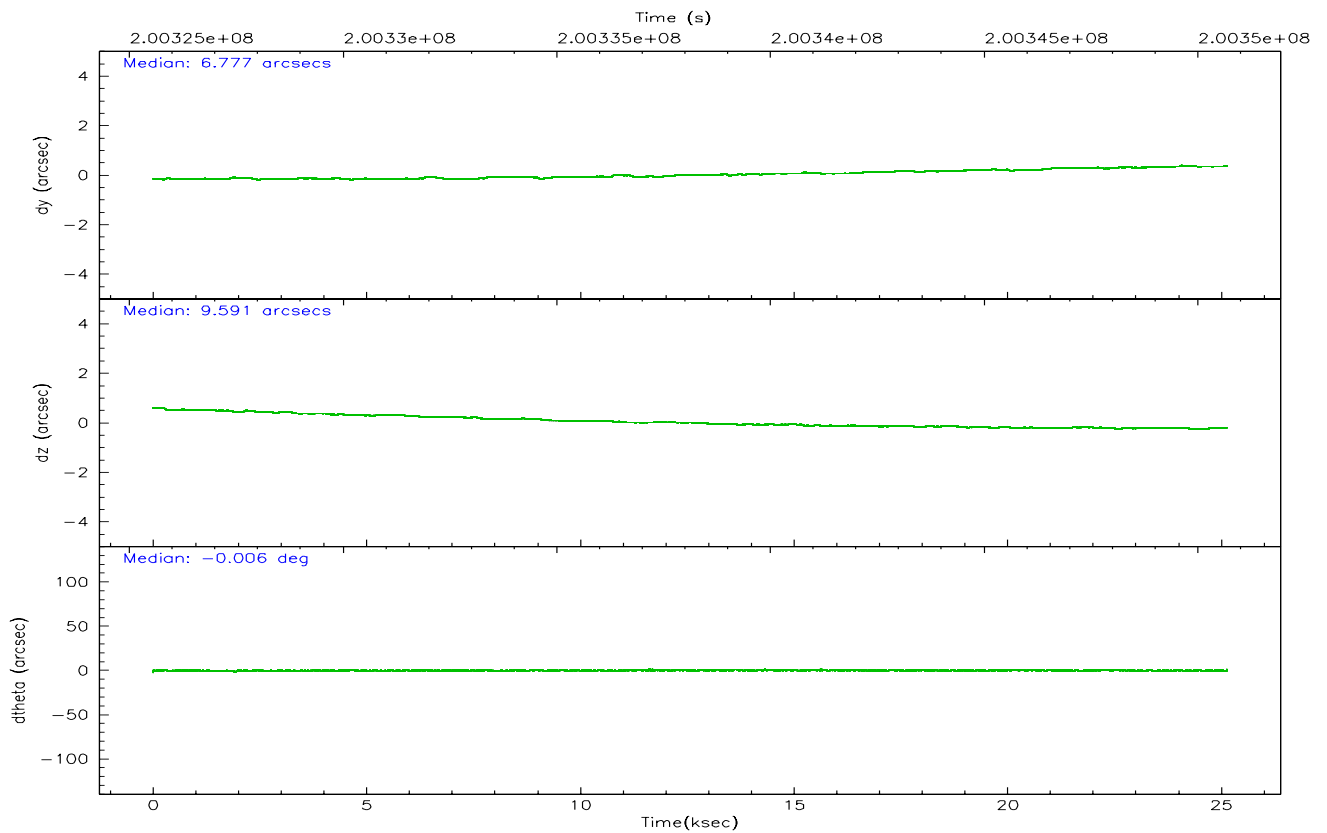
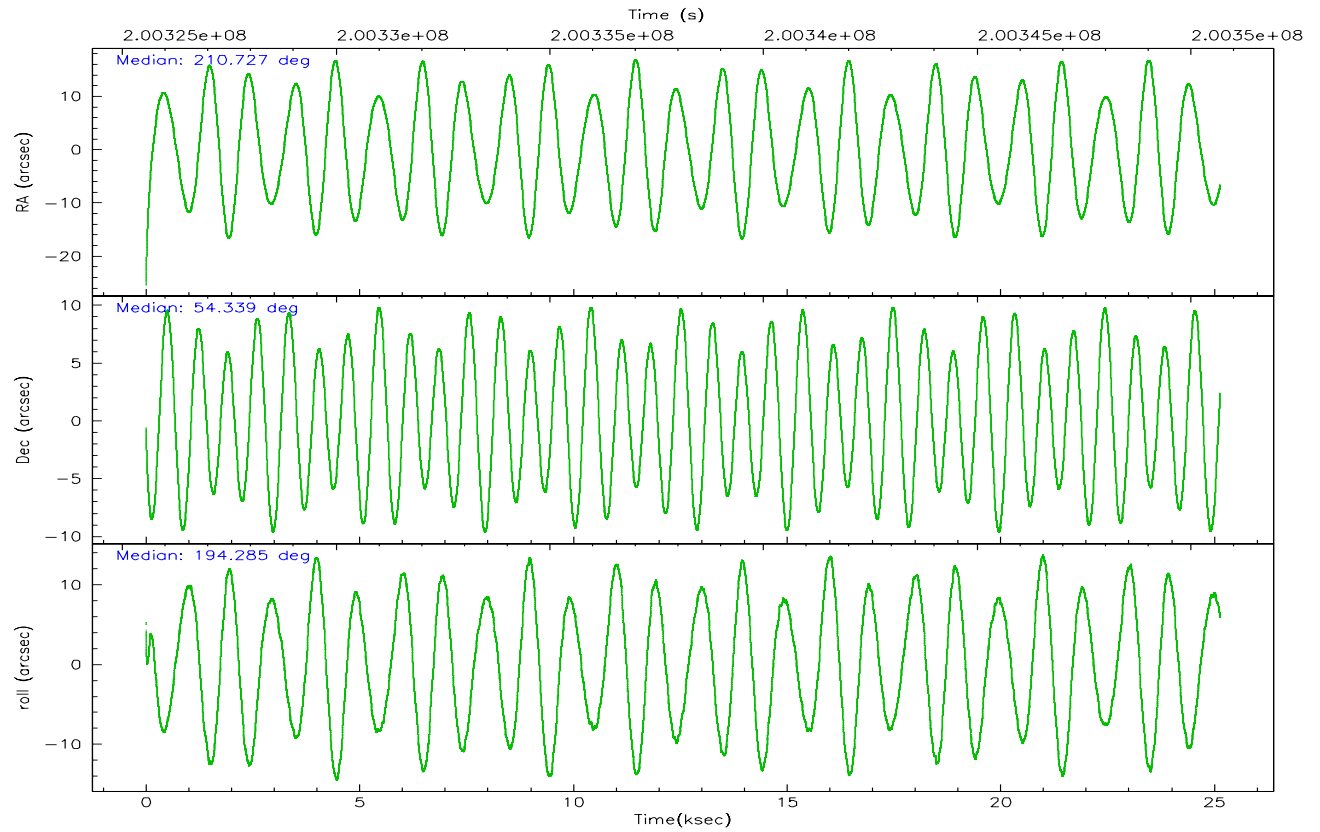
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	33520	32973	20053	34371	10345	43602
	15%	15%	5%	15%	3%	15%
grade 1 events	224	223	242	184	146	305
	0%	0%	0%	0%	0%	0%
grade 2 events	7017	7073	52765	8167	32682	14708
	3%	3%	15%	3%	10%	5%
grade 3 events	2990	3241	4041	3161	7169	6409
	1%	1%	1%	1%	2%	2%
grade 4 events	3050	3215	3903	3308	6799	6078
	1%	1%	1%	1%	2%	2%
grade 5 events	7515	8345	14827	8720	17550	11402
	3%	3%	4%	3%	5%	4%
grade 6 events	4958	5305	91263	6410	85252	14691
	2%	2%	26%	2%	27%	5%
grade 7 events	160573	151305	152585	158078	149687	178950
	73%	71%	44%	71%	48%	64%

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	210.760042	210.7270506610437	Alternating exposures requested	N	N
Pointing Dec	54.358546	54.33924272867785	Primary exposure time	0.000000	3.2
Pointing Roll	194.108366	194.2917977112802			
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	200325689.184000	200323778.7685			
Observation start date	2004-05-07T14:00:25	2004-05-07T13:29:38			
Observation end time	200350689.184000	200351233.90721			
Observation end date	2004-05-07T20:57:05	2004-05-07T21:07:13			
Read mode	TIMED	TIMED			

2.3 Aspect



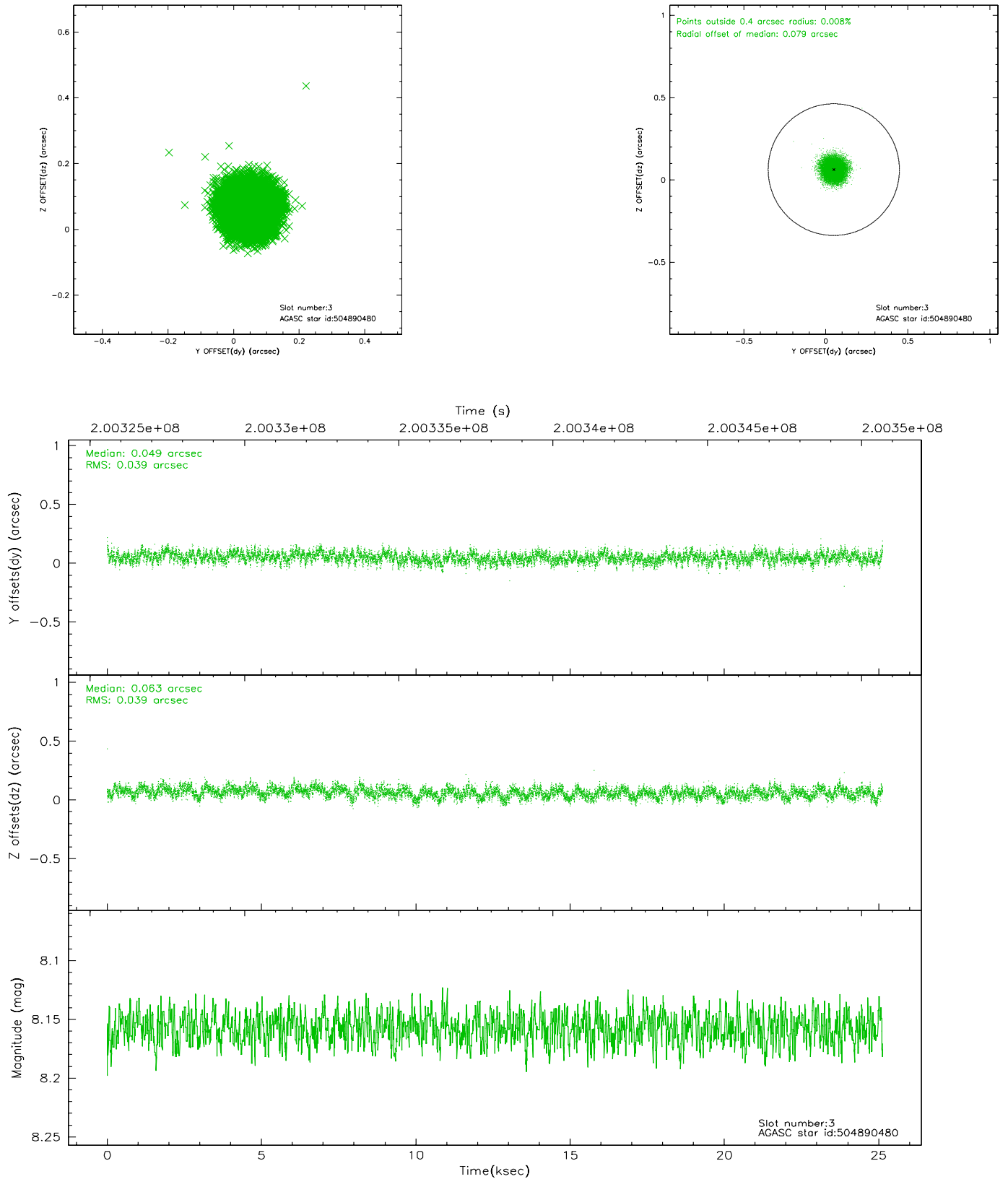


Slot Statistics

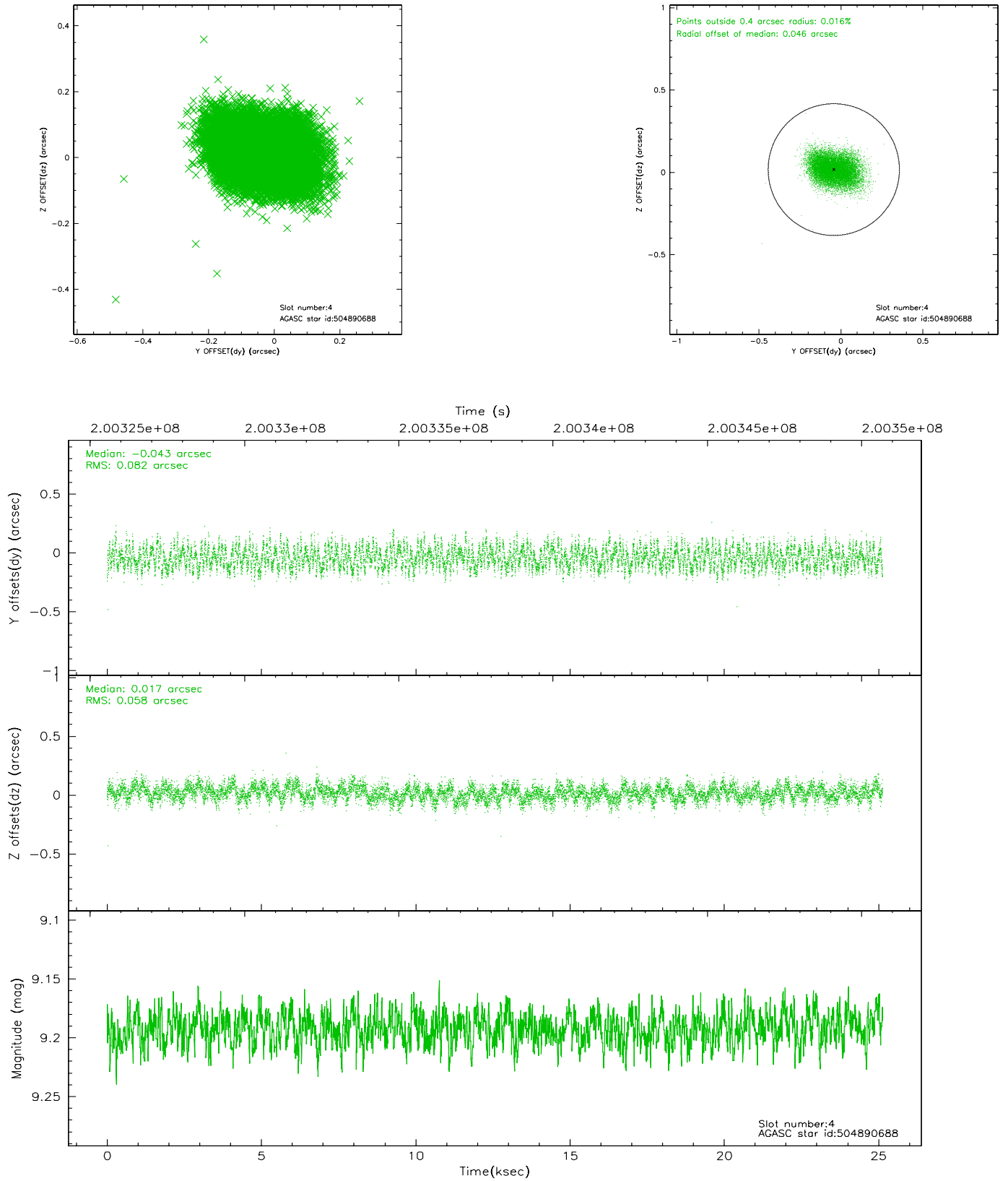
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.18	6132	0.001	0.017	0.015	0.024	0.000000	0.000000	936.48	-1726.50
1	FID	ACIS-S-5	7.24	6132	-0.023	0.011	0.011	0.017	0.000000	0.000000	-1812.48	170.94
2	FID	ACIS-S-6	7.35	6132	-0.001	-0.021	0.020	0.037	0.000000	0.000000	401.91	815.00
3	GUIDE	504890480	8.16	12260	0.049	0.063	0.060	0.094	210.132463	53.768436	1812.08	1729.91
4	GUIDE	504890688	9.19	12258	-0.043	0.017	0.109	0.171	211.697686	53.837149	-1477.59	2293.68
5	GUIDE	504890776	9.28	12259	-0.024	-0.016	0.087	0.142	211.095934	54.816966	-1078.20	-1432.06
6	GUIDE	504891480	8.08	12261	0.085	-0.096	0.068	0.107	210.708012	54.666096	-164.51	-1100.23
7	GUIDE	505292416	9.30	12256	-0.073	0.038	0.134	0.205	210.920759	55.040479	-919.49	-2300.77

2.4 Star Slots

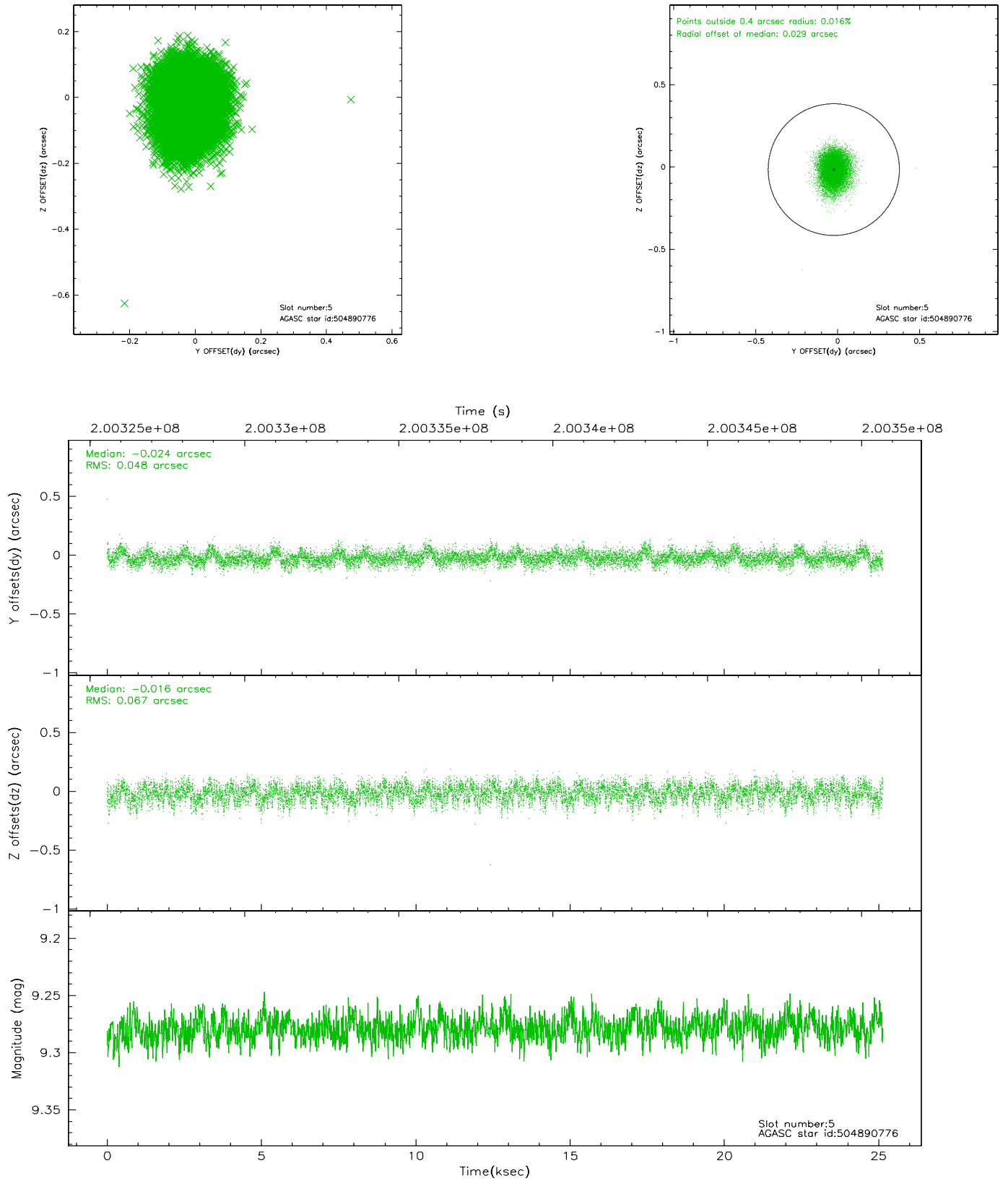
2.4.1 Slot 3



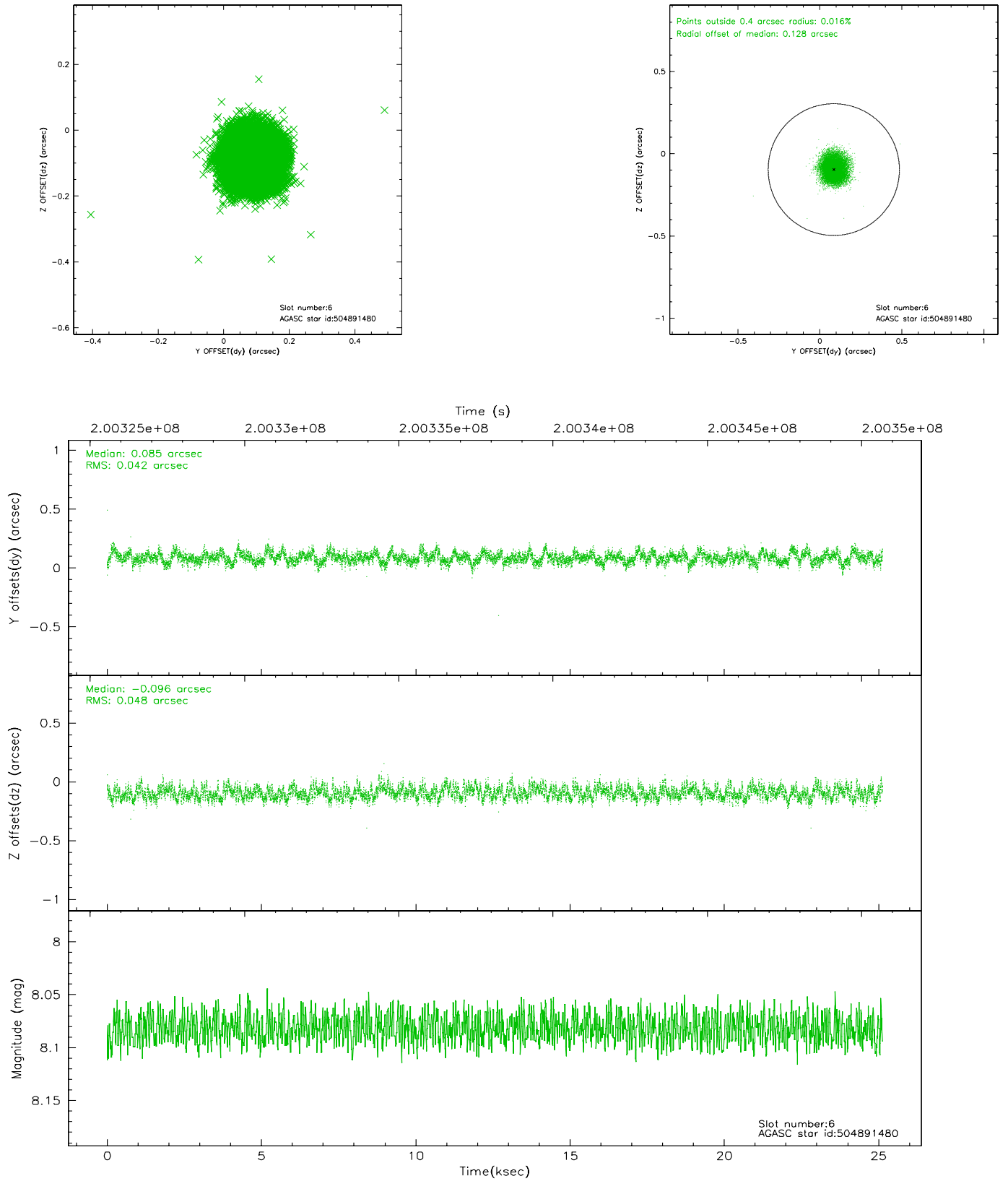
2.4.2 Slot 4



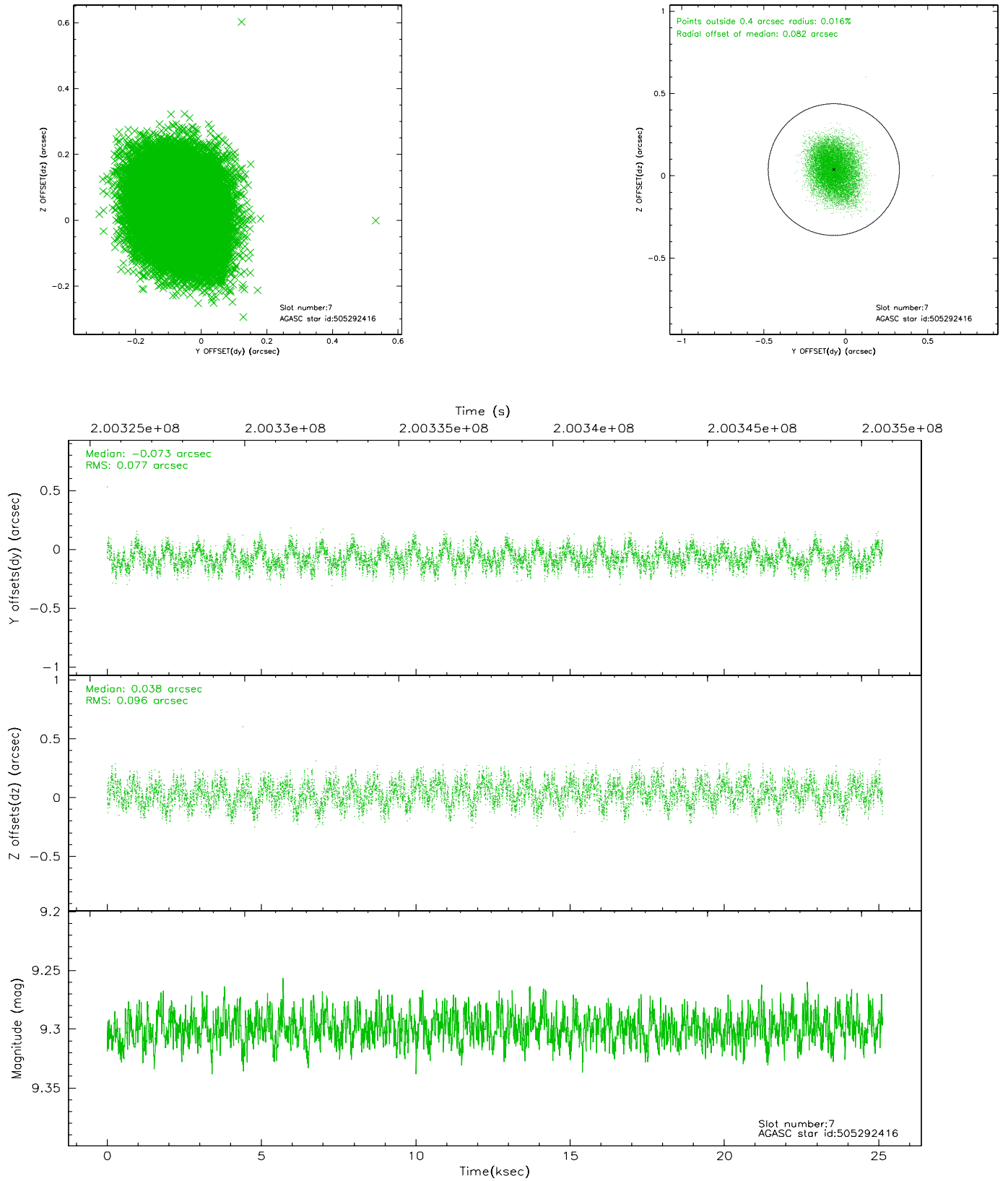
2.4.3 Slot 5



2.4.4 Slot 6

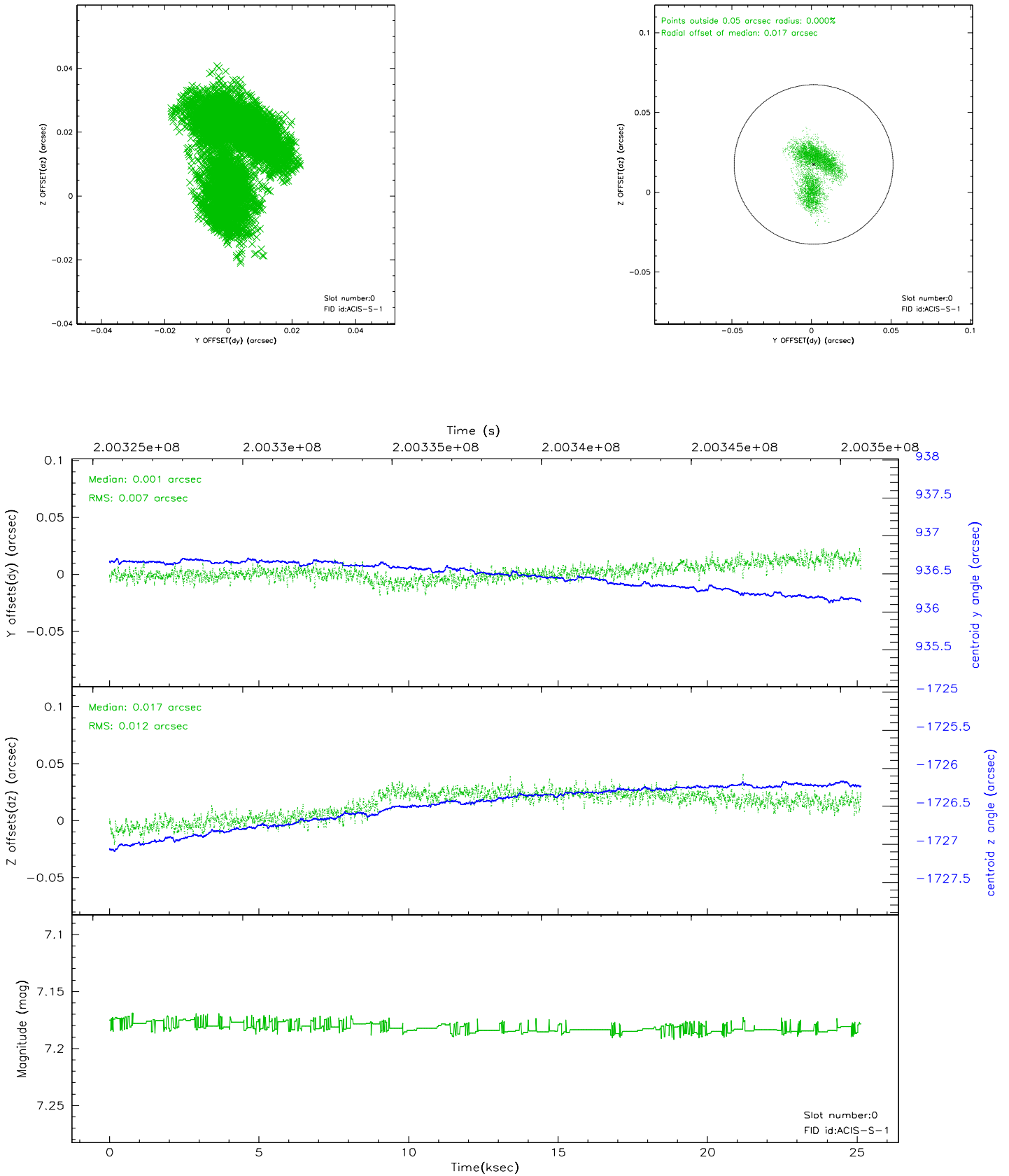


2.4.5 Slot 7

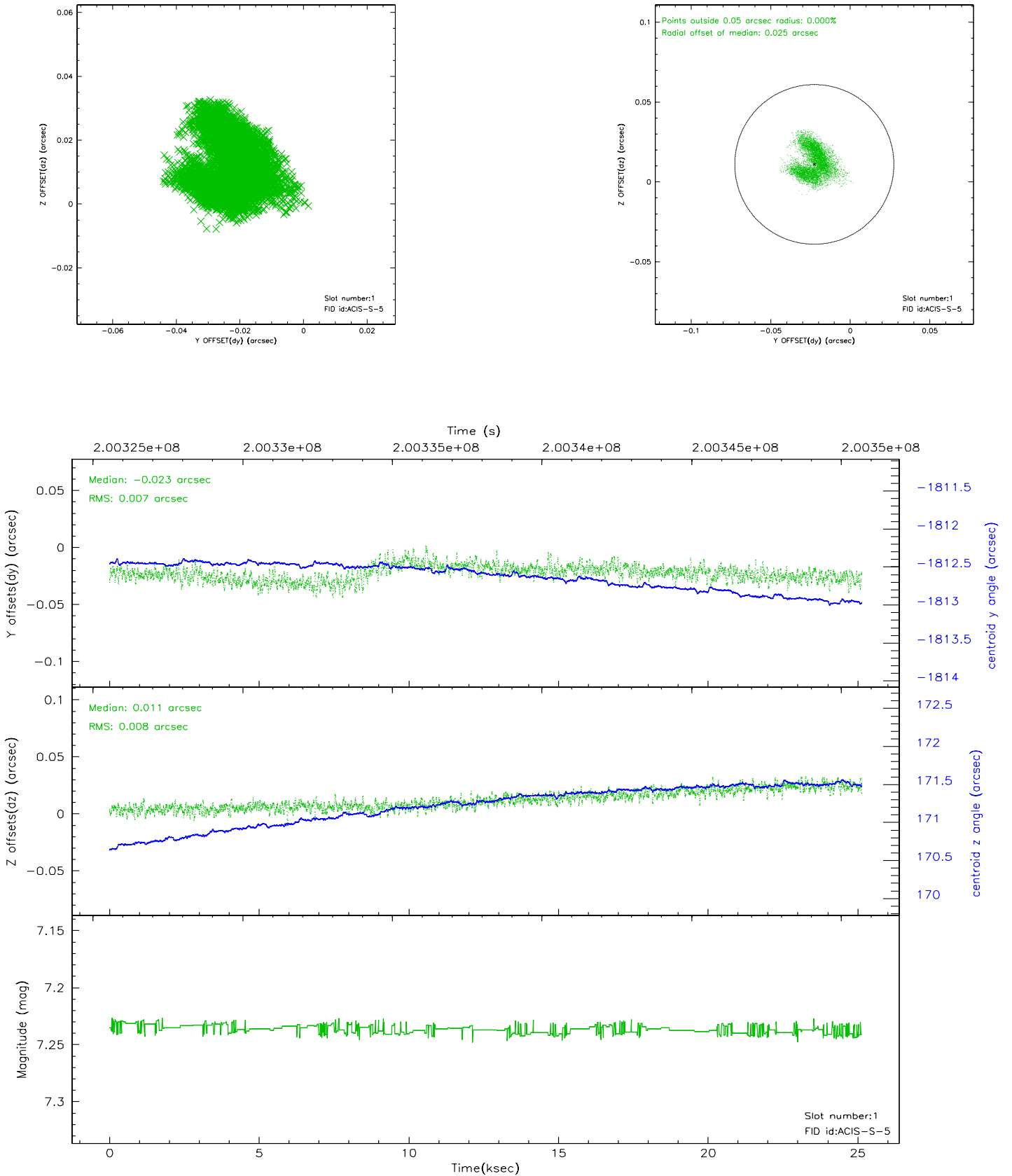


2.5 FID Slots

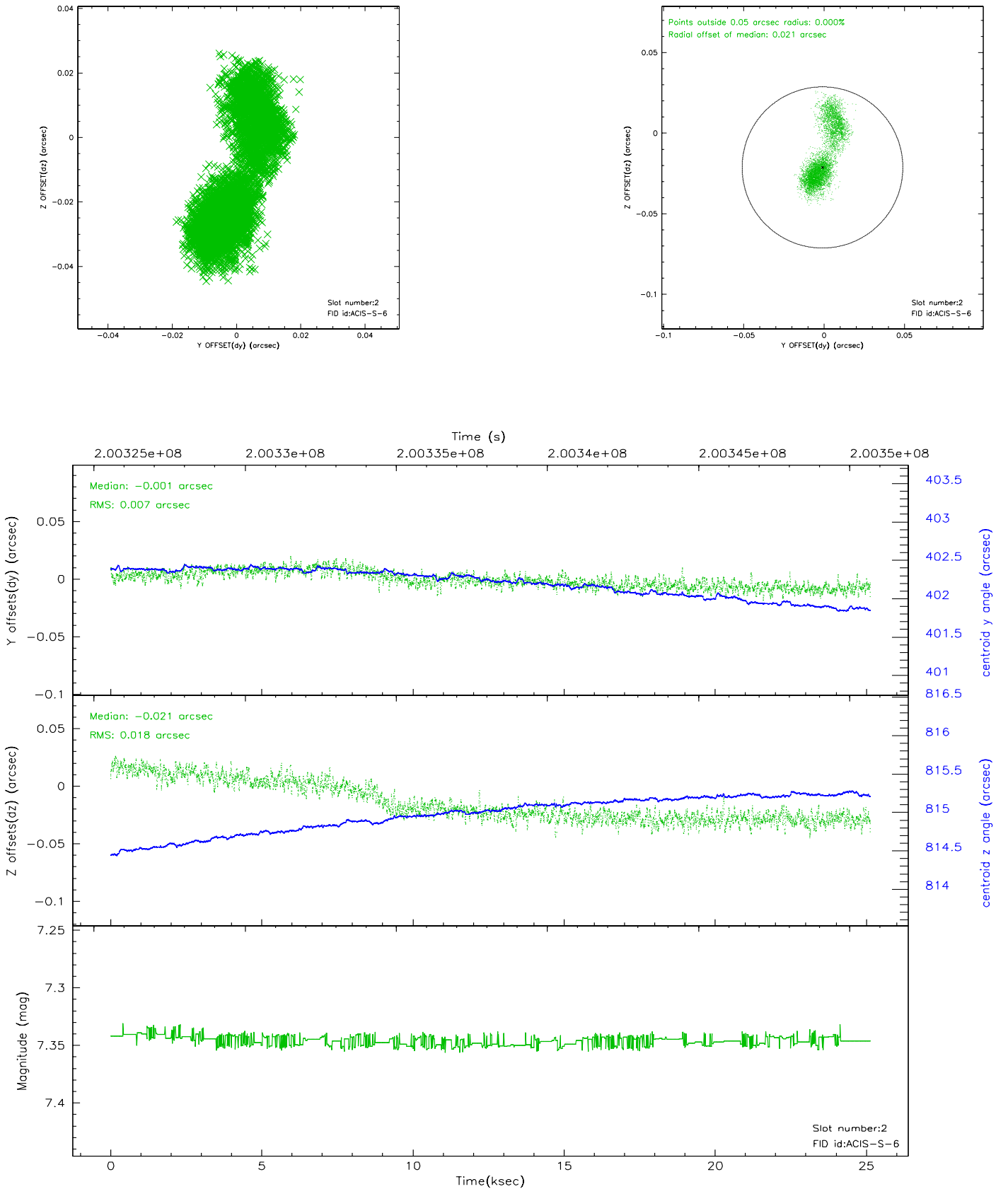
2.5.1 Slot 0



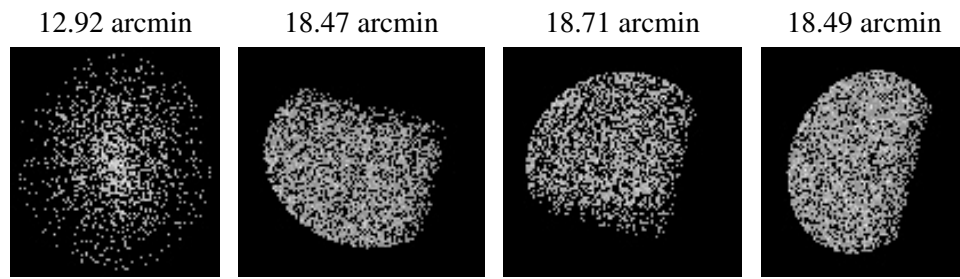
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.05.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	25.132

A.2 Comments

Monitor constraint met.