

V&V Reference Report

L2 ASCDS Version : 7.6.7

Observation 5788 - L2 Version 002
Chandra X-Ray Center

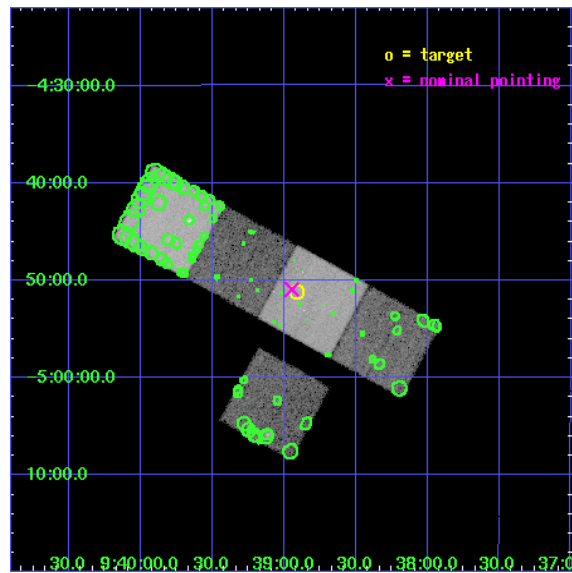
L2 Processing Date: Feb 19 2006

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1 Front

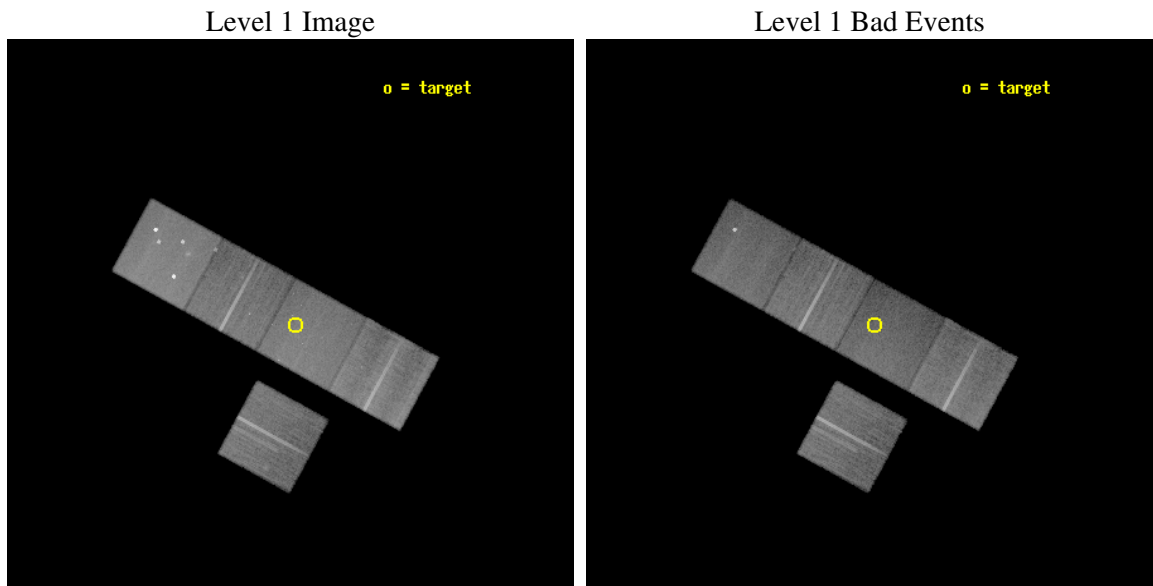
seq_num	800501
obs_id	5788
title	HI-Deficient Ultracompact Groups
observer	Prof Trevor Ponman
object	HCG 40
dtcycle	0
cycle	P
ra_targ	144.727083
dec_targ	-4.851944
ra_nom	144.73628057839
dec_nom	-4.8488589266678
roll_nom	28.657393451094
revision	2
ontime	33684.599935234
livetime	33244.485838838
ontime3	33684.599935234
ontime5	33684.599935234
ontime6	33681.45895499
ontime7	33684.599935234
ontime8	33684.599935234
l2events	284453



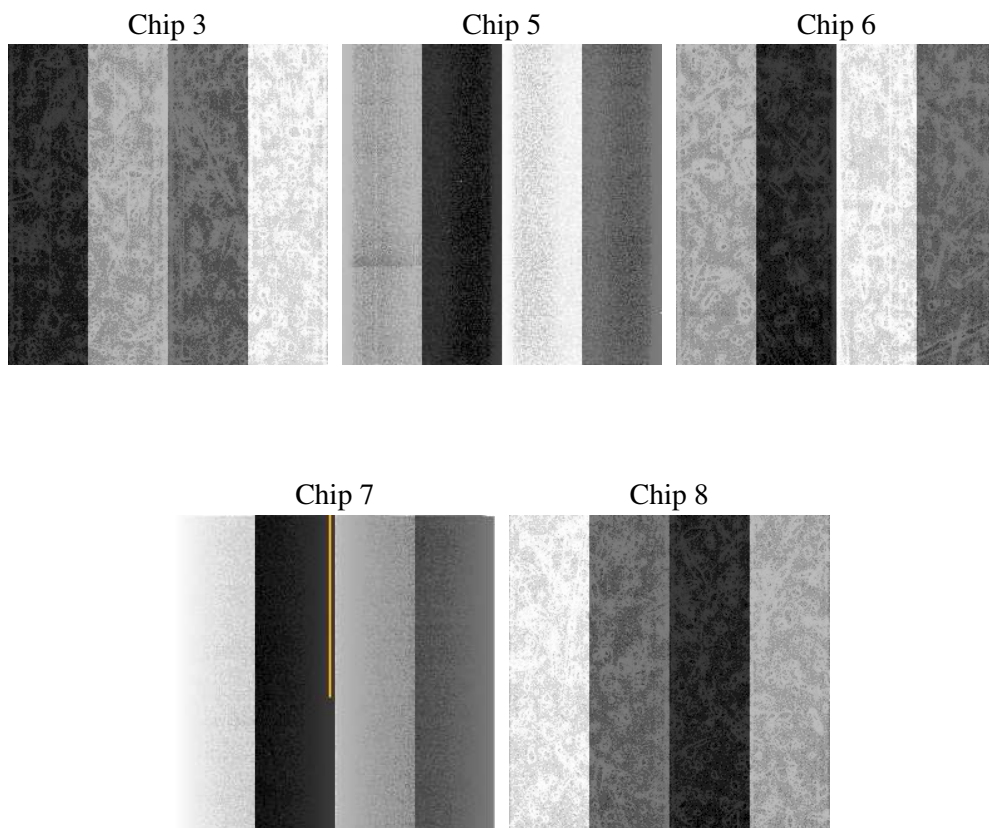
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.7
caldbver	3.2.1
date	2006-02-19T21:02:08
revision	2

sched_exp_time	33657.803000
ontime	33687.361993849
ontime3	33687.361993849
ontime5	33687.361993849
ontime6	33684.220993698
ontime7	33687.361993849
ontime8	33687.361993849
l1events	1211969

2.1.4 Events

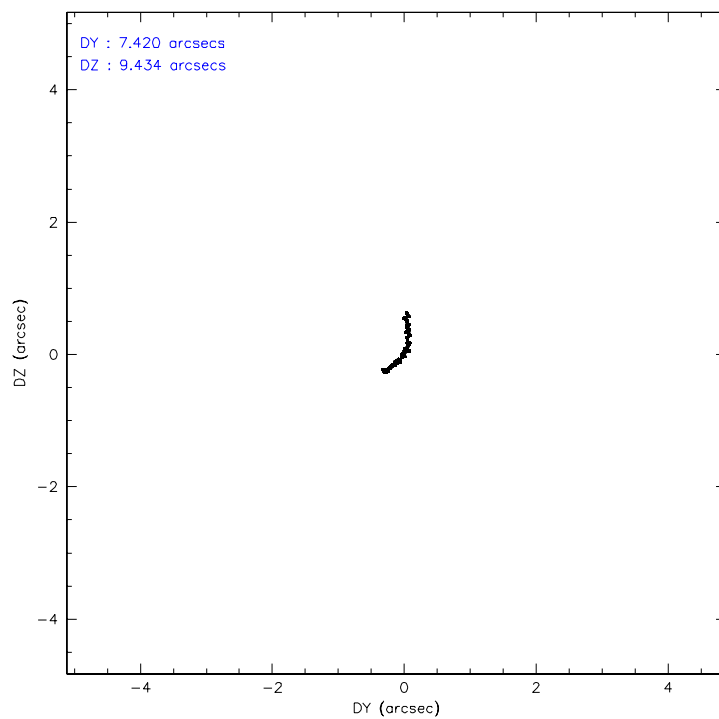
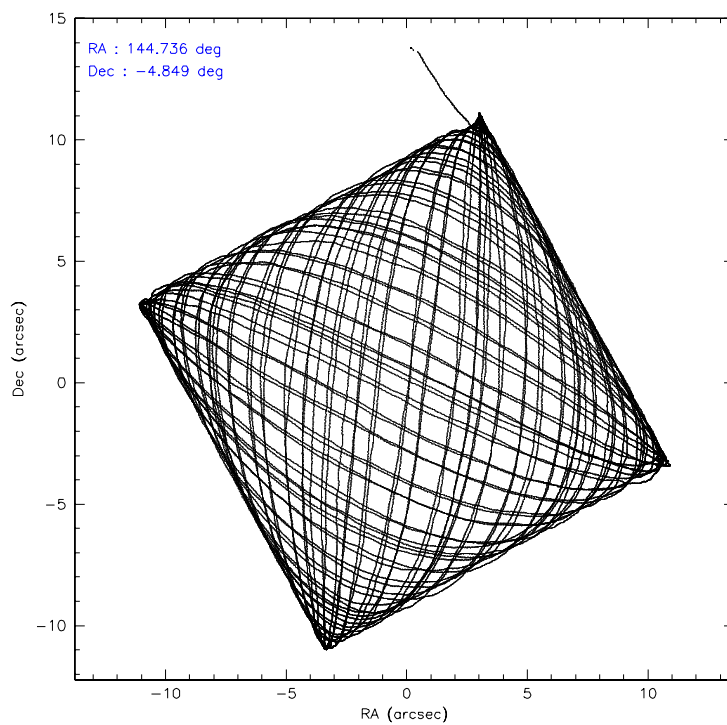
	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	202943	304199	209376	233373	262078
rejected events	183196	149829	187387	134440	199696
rejected %	90%	49%	89%	57%	76%

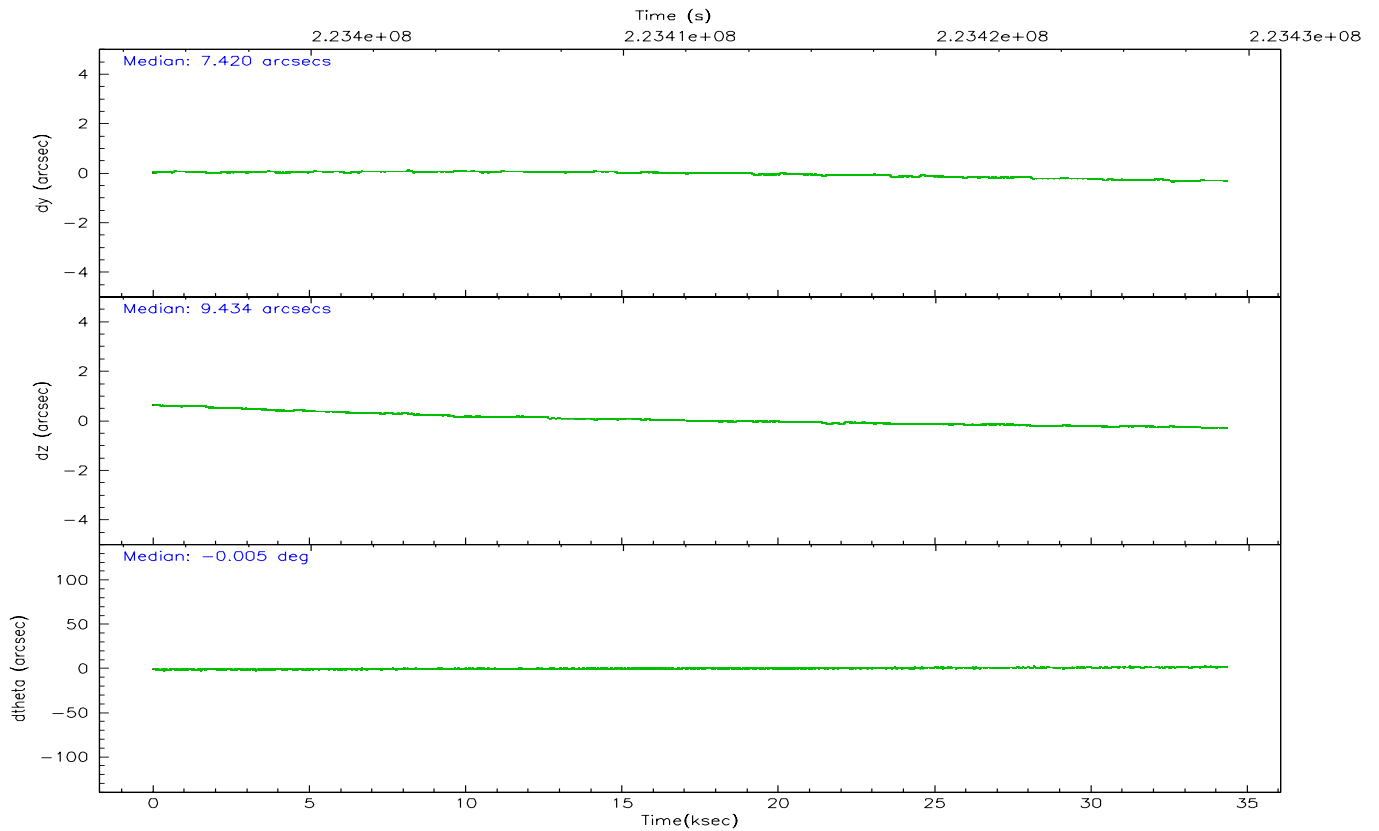
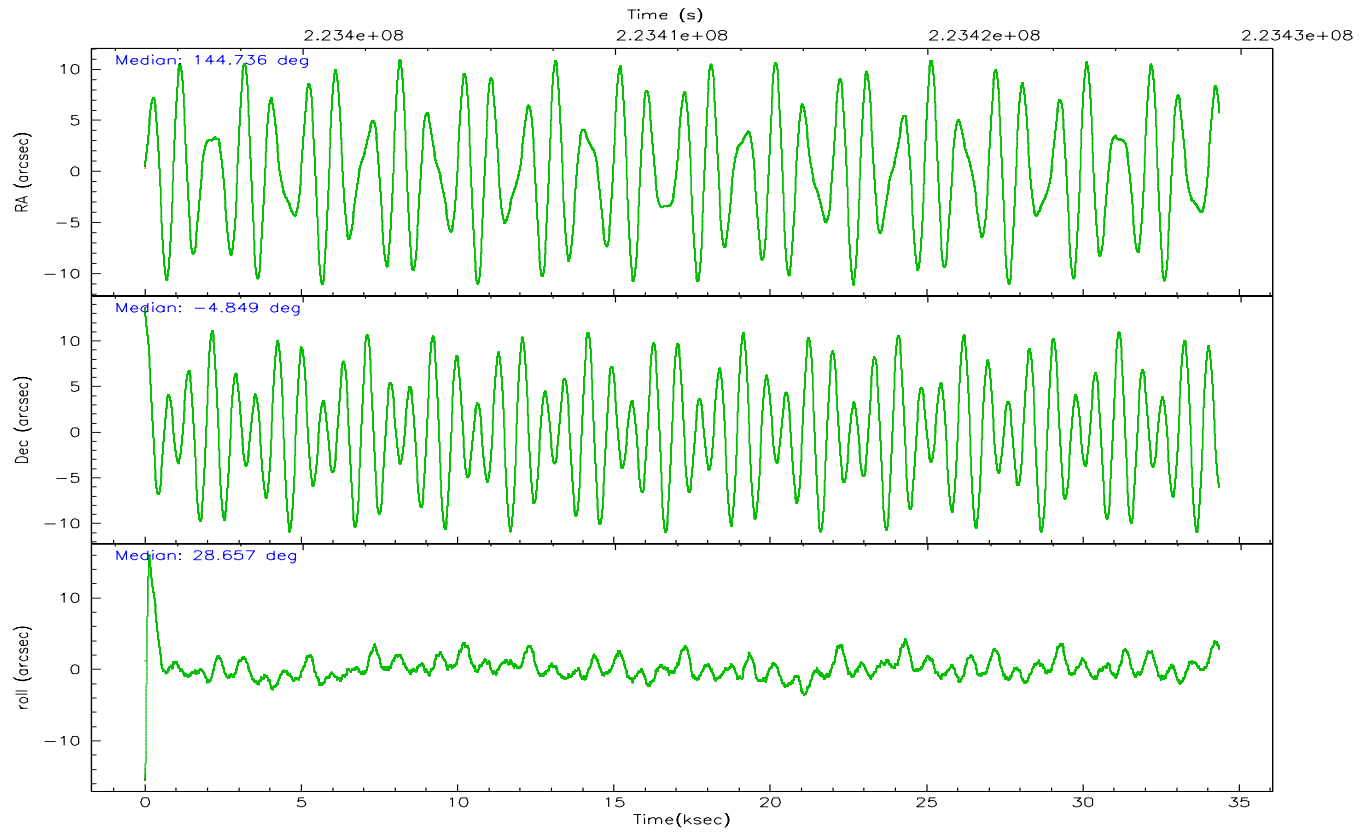
	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	7212	24301	7942	5945	19621
	3%	7%	3%	2%	7%
grade 1 events	110	3550	102	110	193
	0%	1%	0%	0%	0%
grade 2 events	4257	45928	4635	24573	13395
	2%	15%	2%	10%	5%
grade 3 events	2352	3783	2368	5462	7091
	1%	1%	1%	2%	2%
grade 4 events	2135	3505	2420	5402	6555
	1%	1%	1%	2%	2%
grade 5 events	8085	14894	8196	17230	11970
	3%	4%	3%	7%	4%
grade 6 events	3793	76867	4626	57560	15736
	1%	25%	2%	24%	6%
grade 7 events	174999	131371	179087	117091	187517
	86%	43%	85%	50%	71%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-35678	ACIS-35678	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	144.722389	144.7362805783931	Alternating exposures requested	N	N
Pointing Dec	-4.872313	-4.848858926667764	Primary exposure time	0.000000	3.1
Pointing Roll	28.499594	28.65739345109428			
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	223395647.184000	223394461.8609			
Observation start date	2005-01-29T14:19:43	2005-01-29T14:01:01			
Observation end time	223429305.184000	223429532.23749			
Observation end date	2005-01-29T23:40:41	2005-01-29T23:45:32			
Read mode	TIMED	TIMED			

2.3 Aspect



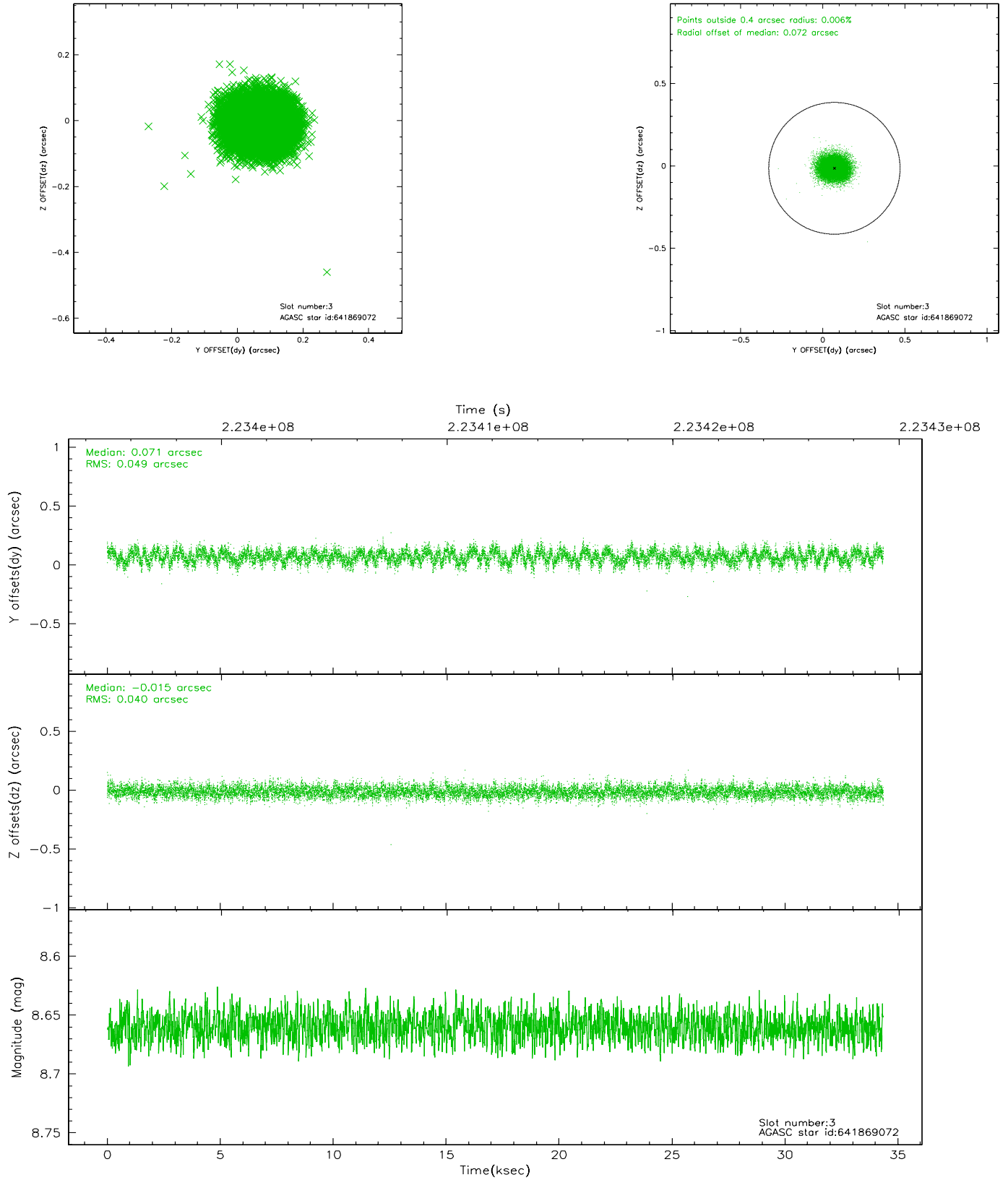


Slot Statistics

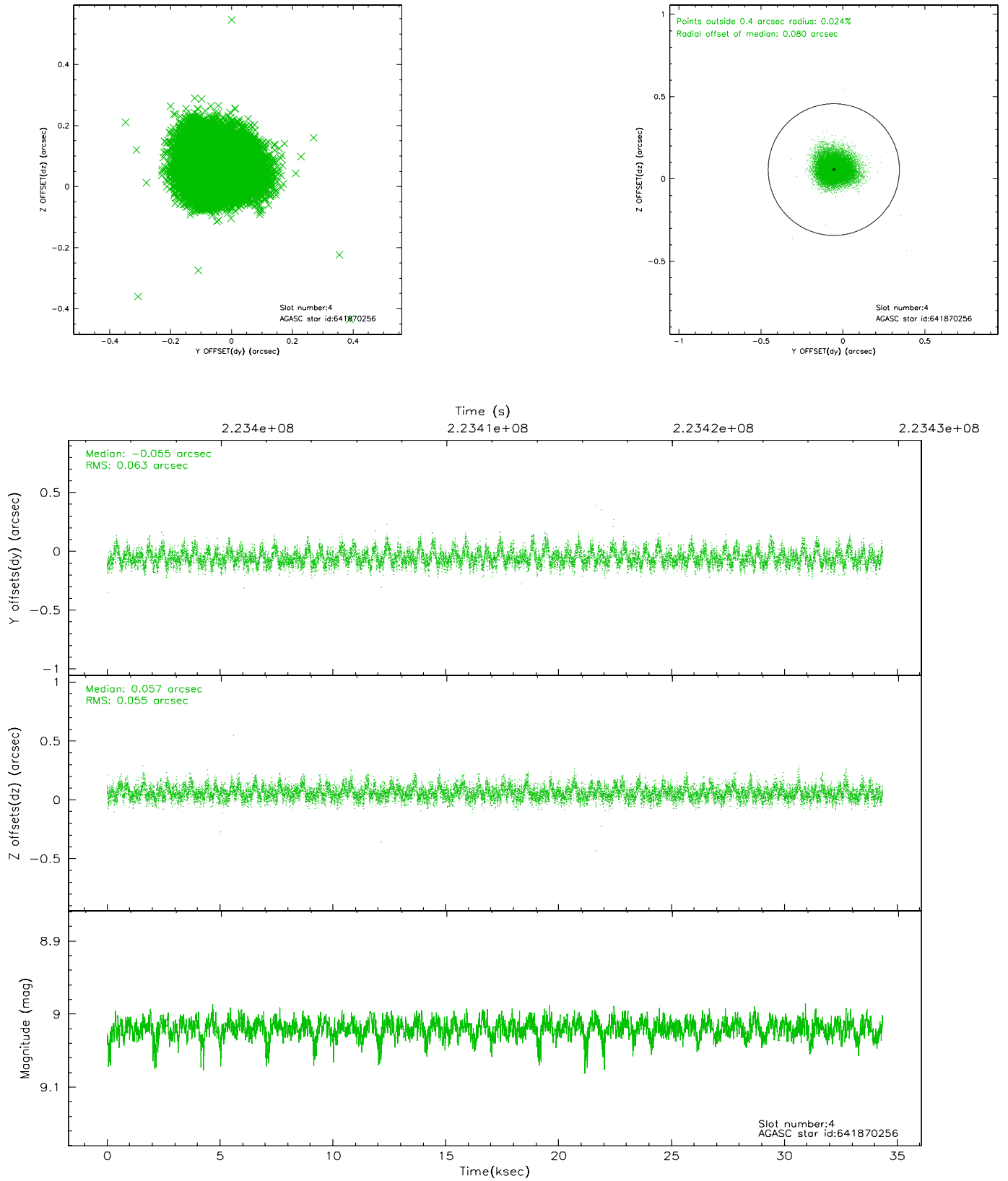
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	8382	-0.034	-0.020	0.009	0.015	0.000000	0.000000	-760.13	-1730.77
1	FID	ACIS-S-4	7.21	8382	0.063	0.022	0.007	0.013	0.000000	0.000000	2153.19	177.76
2	FID	ACIS-S-5	7.23	8382	-0.060	0.007	0.009	0.014	0.000000	0.000000	-1812.98	171.40
3	GUIDE	641869072	8.66	16754	0.071	-0.015	0.067	0.108	144.906831	-4.212729	1714.99	1770.73
4	GUIDE	641870256	9.02	16757	-0.055	0.057	0.088	0.143	144.908269	-4.267747	1625.04	1594.39
5	GUIDE	641871288	7.99	16756	-0.003	-0.084	0.061	0.097	144.780319	-4.378727	1030.60	1462.19
6	GUIDE	642002944	9.31	16757	-0.038	0.017	0.105	0.171	145.178833	-4.409438	2234.77	682.28
7	GUIDE	642261760	7.63	16760	0.024	0.026	0.061	0.099	144.550271	-5.166538	-1047.56	-636.44

2.4 Star Slots

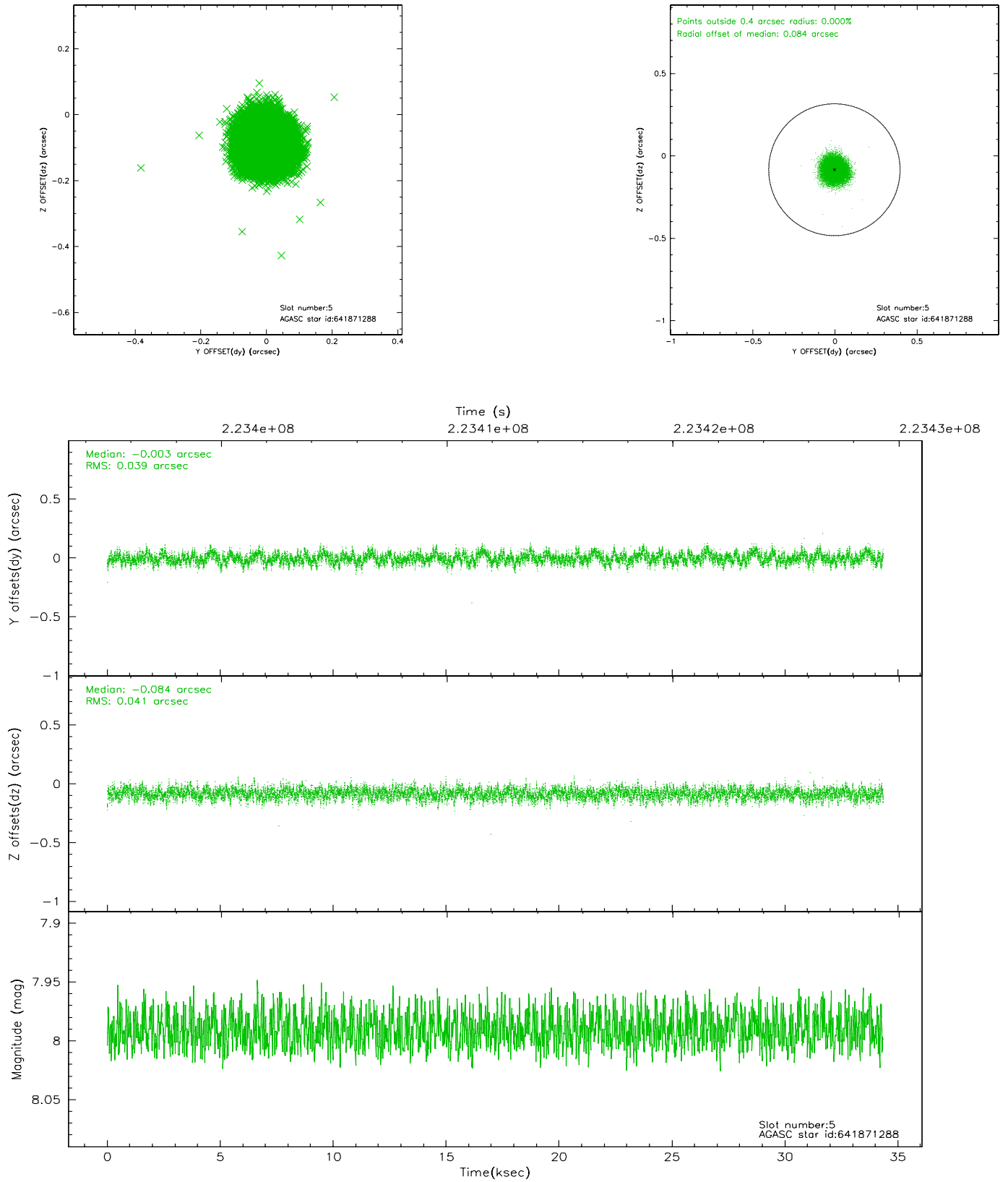
2.4.1 Slot 3



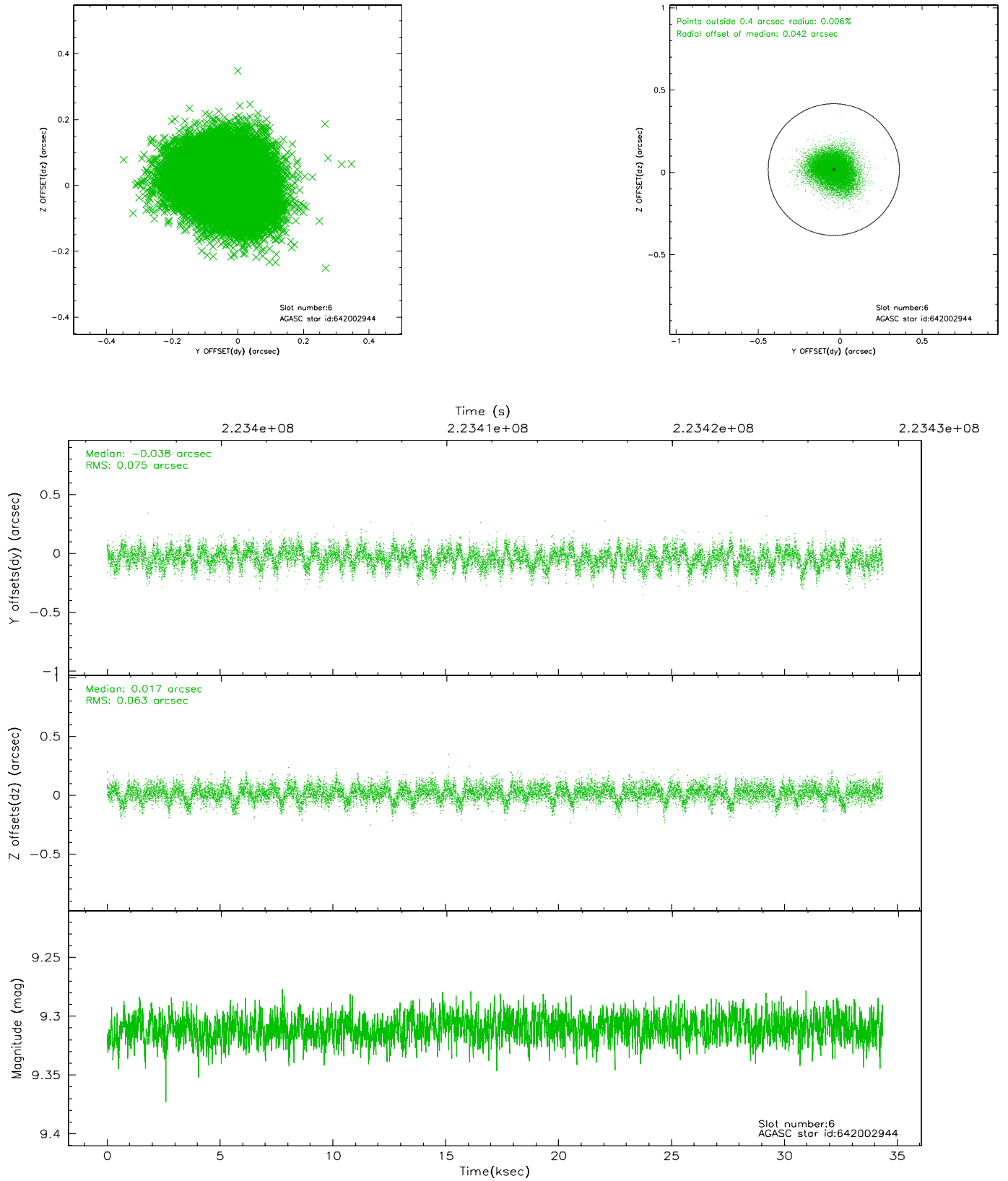
2.4.2 Slot 4



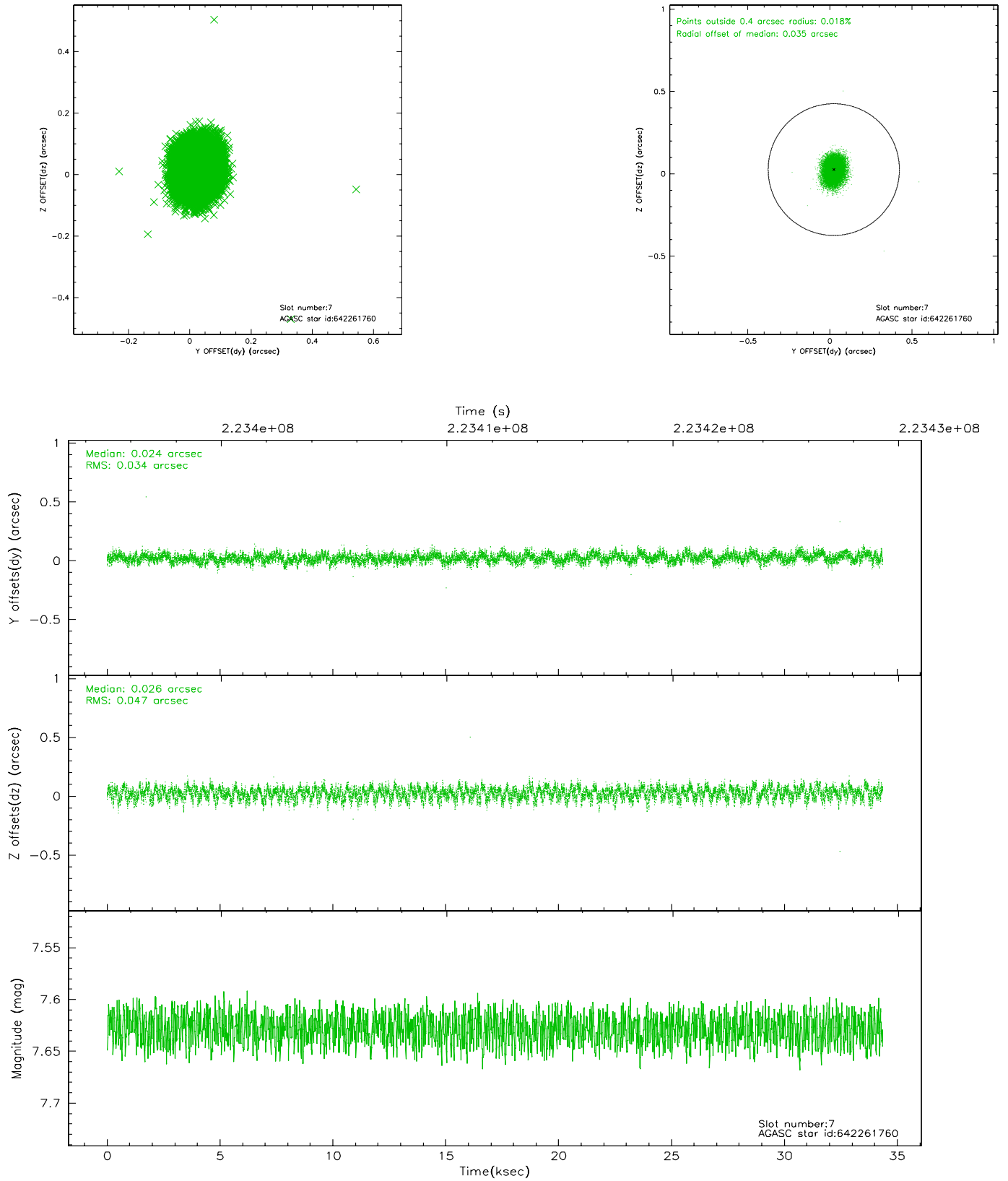
2.4.3 Slot 5



2.4.4 Slot 6

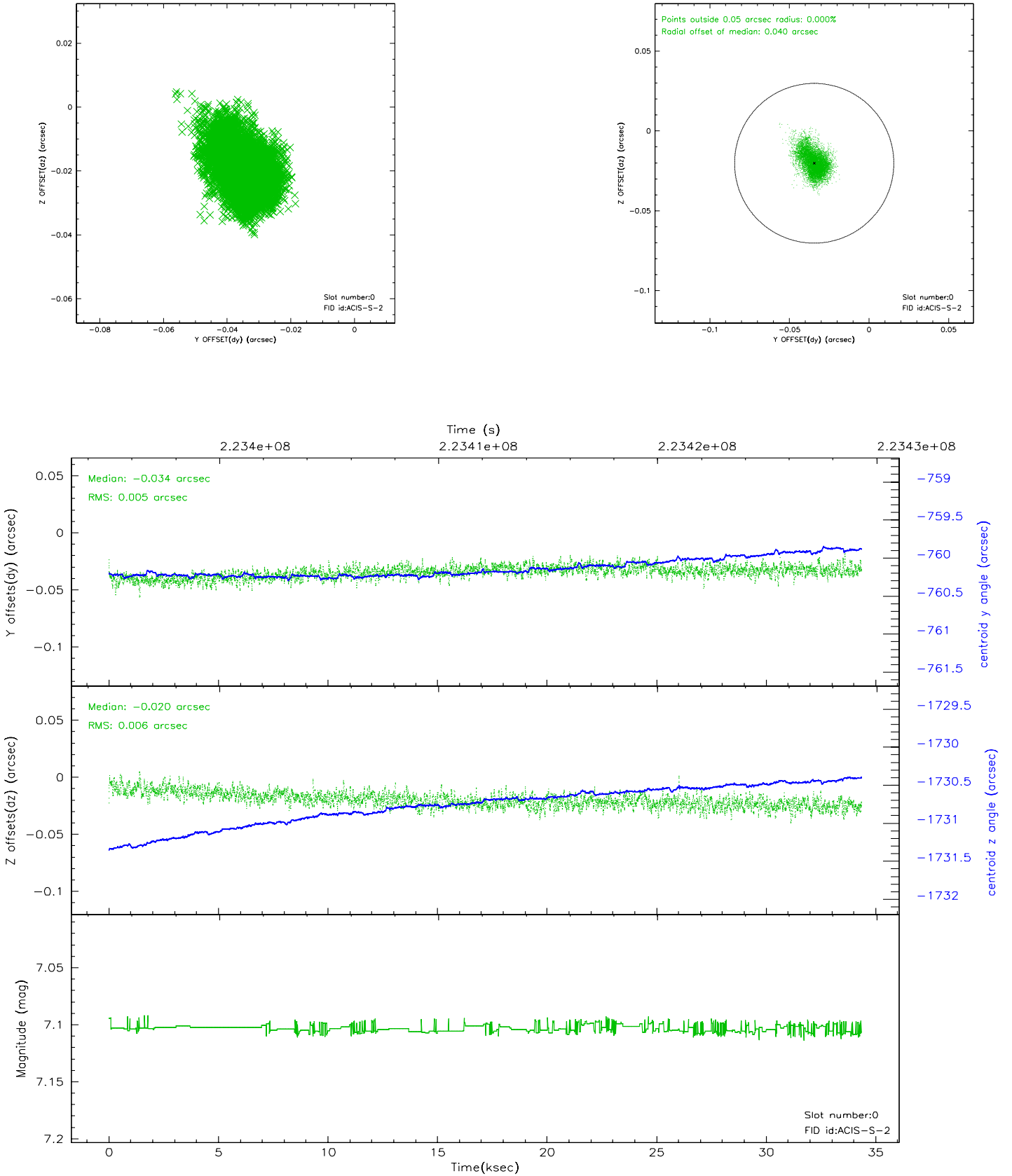


2.4.5 Slot 7

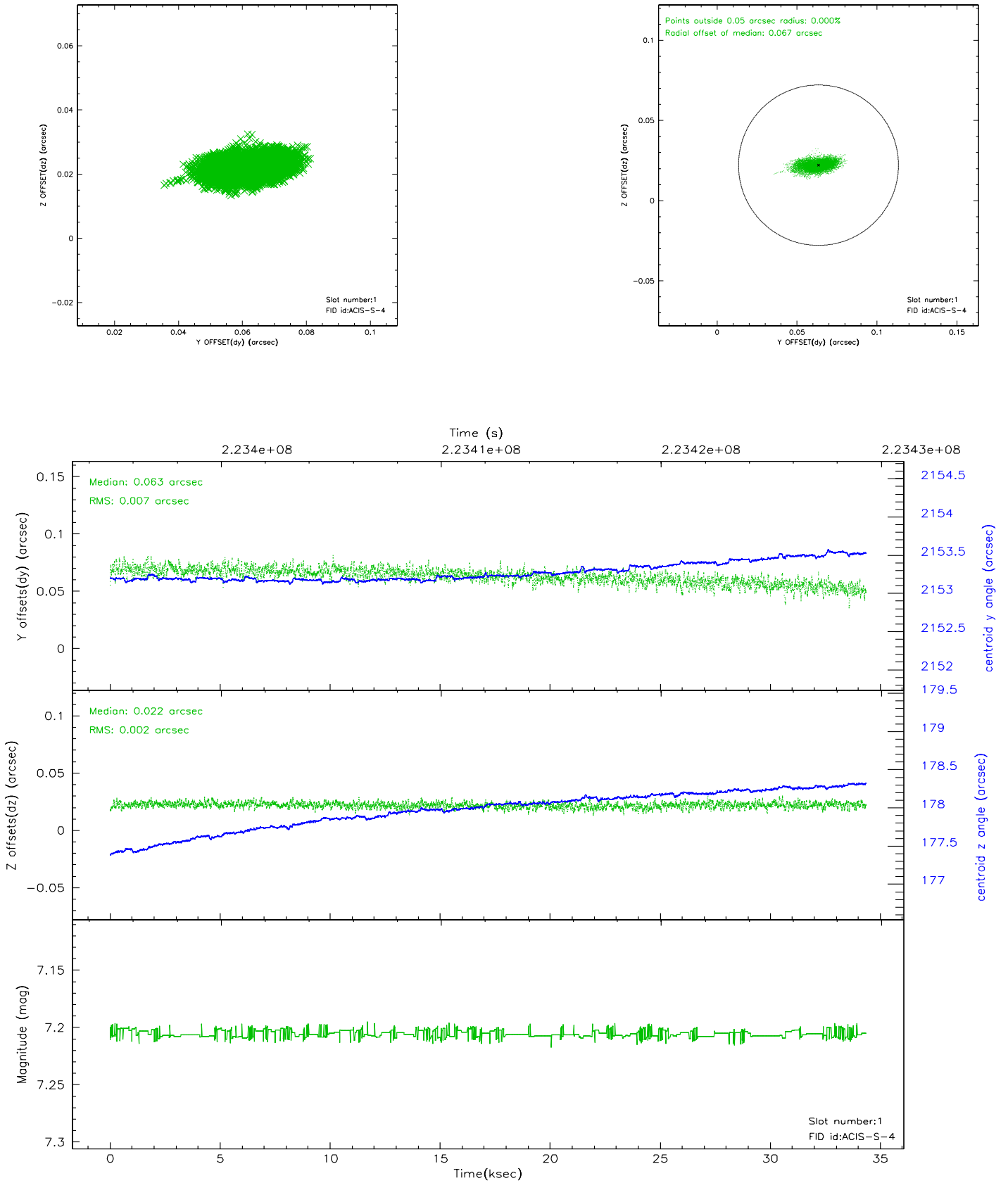


2.5 FID Slots

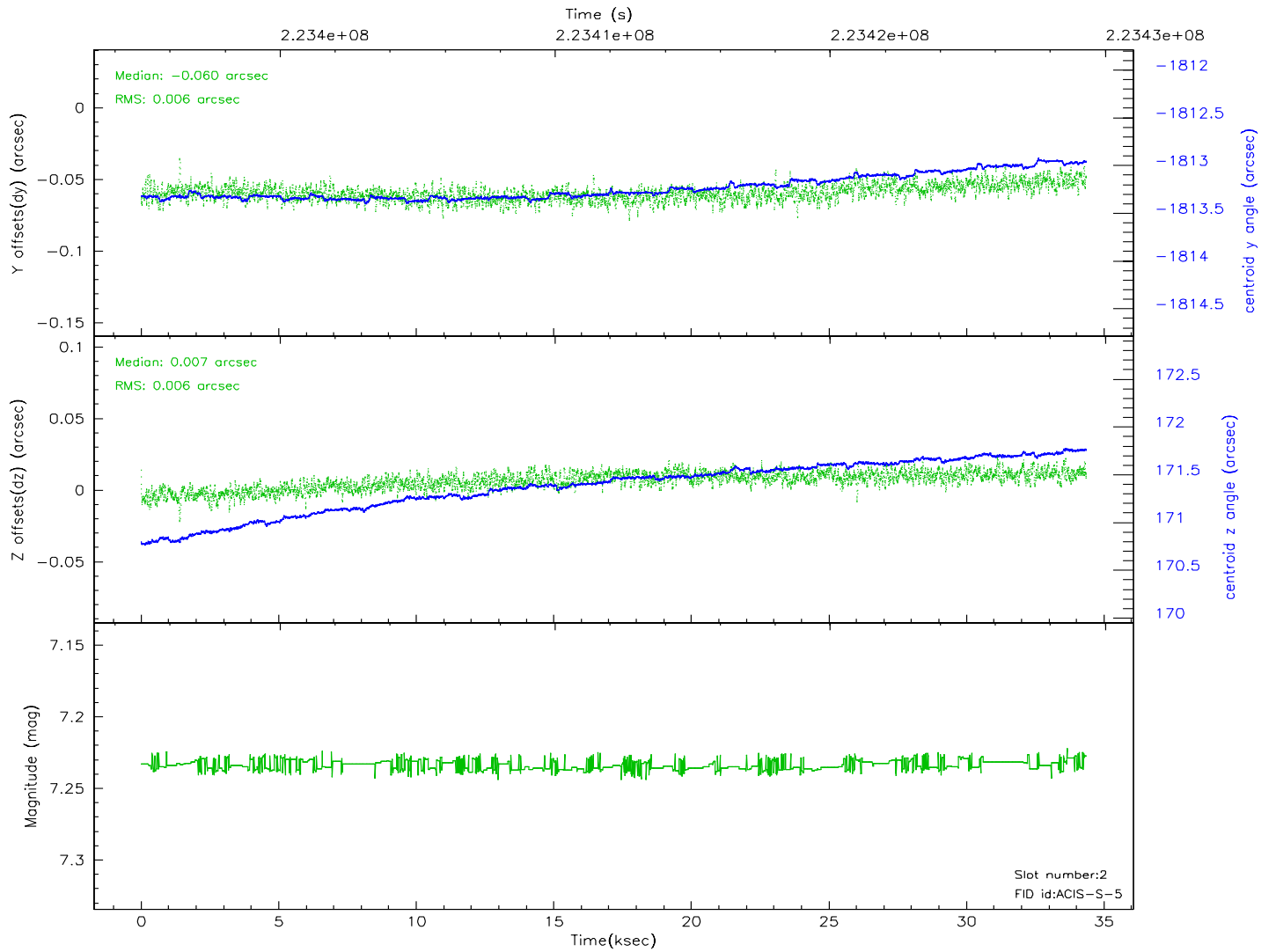
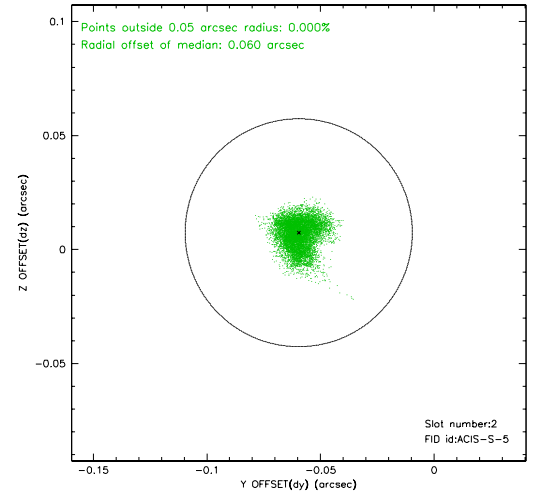
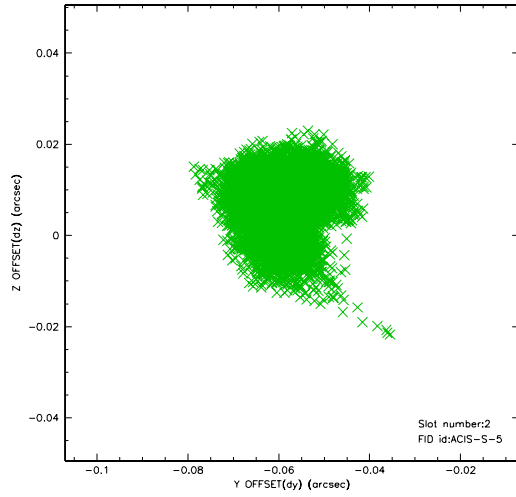
2.5.1 Slot 0



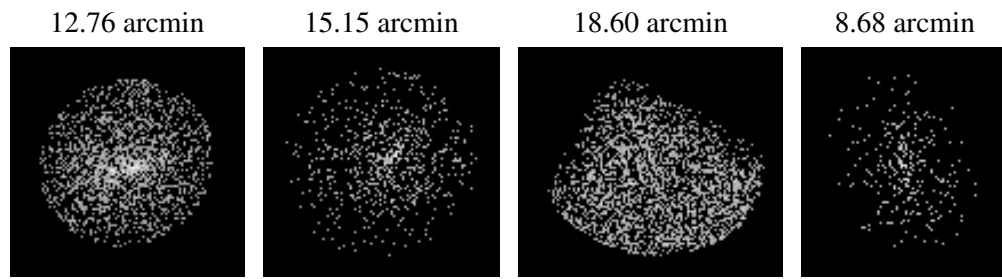
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.02.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	33.68459

A.2 Comments

Focal plane temperature increases towards the end of the observation.