

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 4276 - L2 Version 001
Chandra X-Ray Center

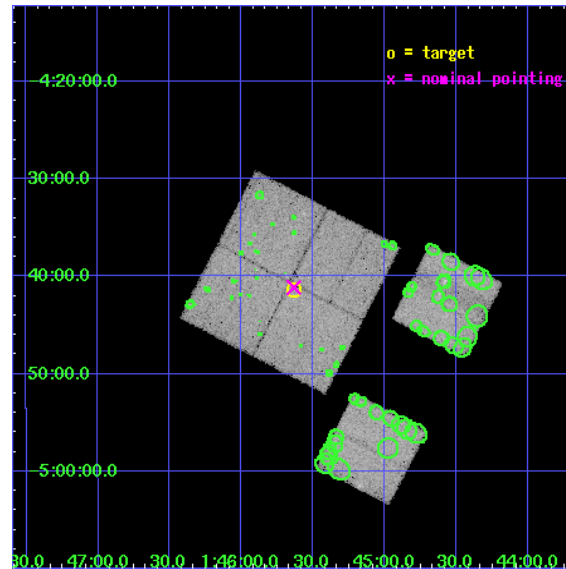
L2 Processing Date : Aug 6 2006

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1 Front

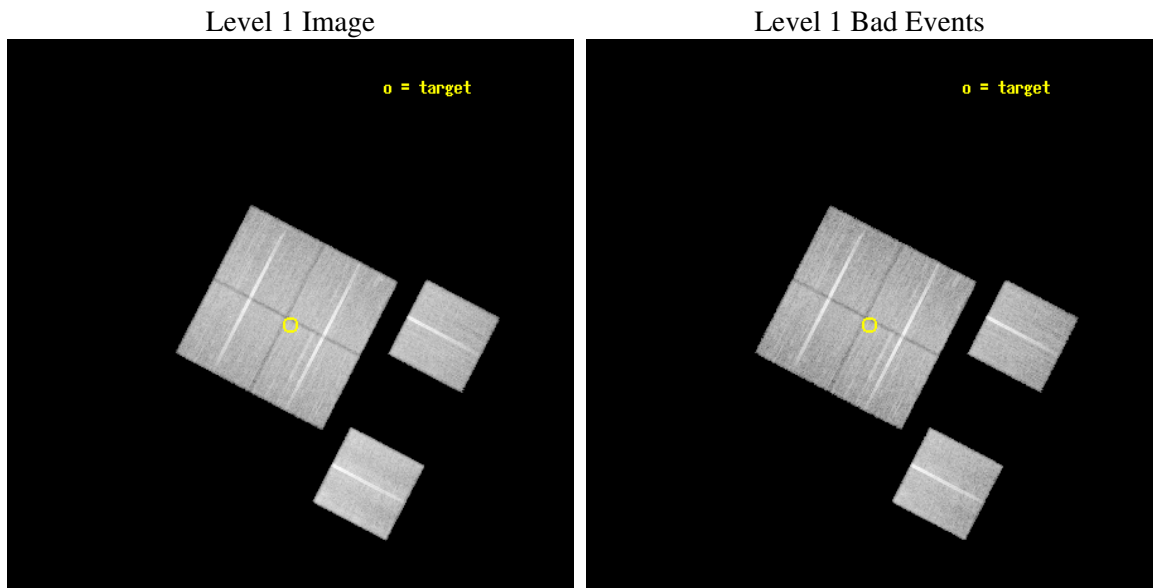
seq_num	900319
obs_id	4276
title	A CHANDRA/XMM ATTACK ON THE ASTROPHYSICS OF THE HARD X-RAY BACKGROUND.
observer	Prof Ian McHardy
object	XMM 1HR - FIELD 3
dtcycle	0
cycle	P
ra_targ	26.409075
dec_targ	-4.690134
ra_nom	26.408718516899
dec_nom	-4.6855182774441
roll_nom	117.40864902516
revision	4
ontime	28921.599892259
livetime	28555.377179926
ontime0	28827.611097723
ontime1	28918.358951896
ontime2	28915.117971718
ontime3	28921.599892259
ontime6	28915.117941827
ontime8	28918.358932018
l2events	177118



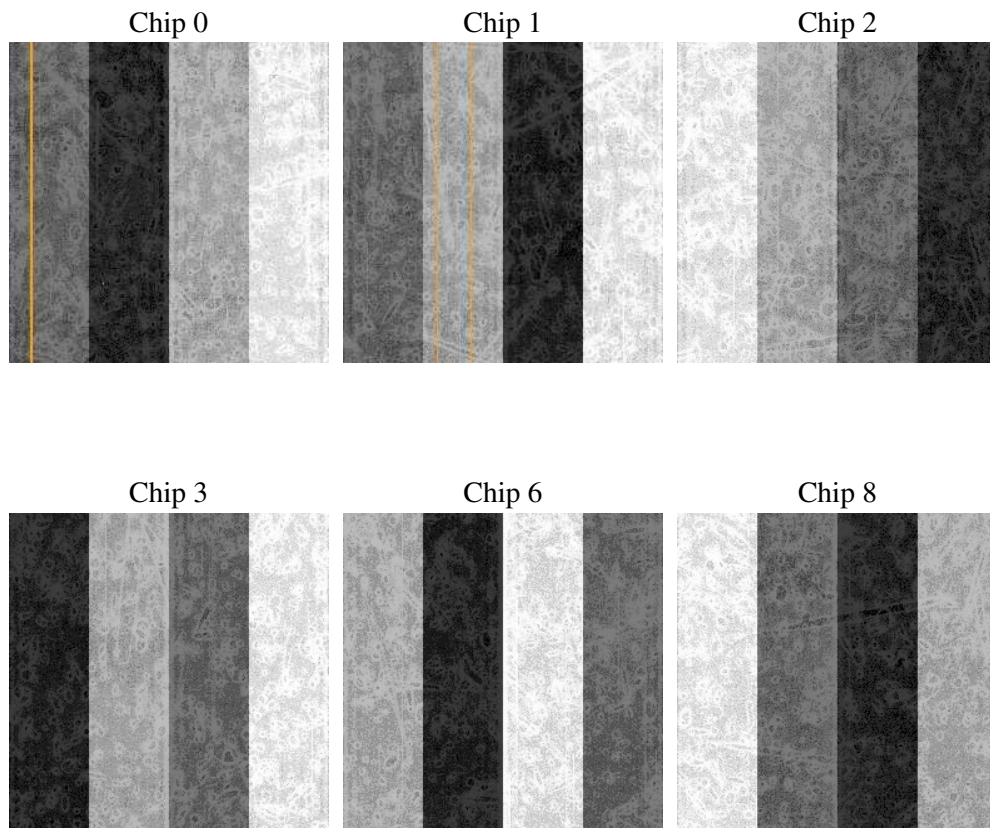
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	2
ascdsver	7.6.8.1
caldsver	3.2.2
date	2006-08-06T22:54:20
revision	4

sched_exp_time	28835.221000
ontime	28925.913937807
ontime0	28831.925123364
ontime1	28922.672997445
ontime2	28919.432017267
ontime3	28925.913937807
ontime6	28919.432017297
ontime8	28922.672977567
l1events	1142011

2.1.4 Events

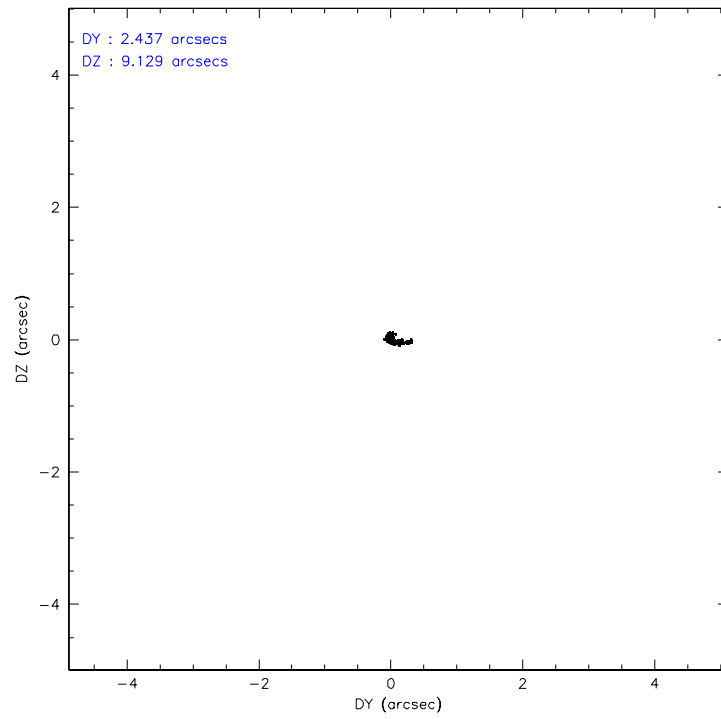
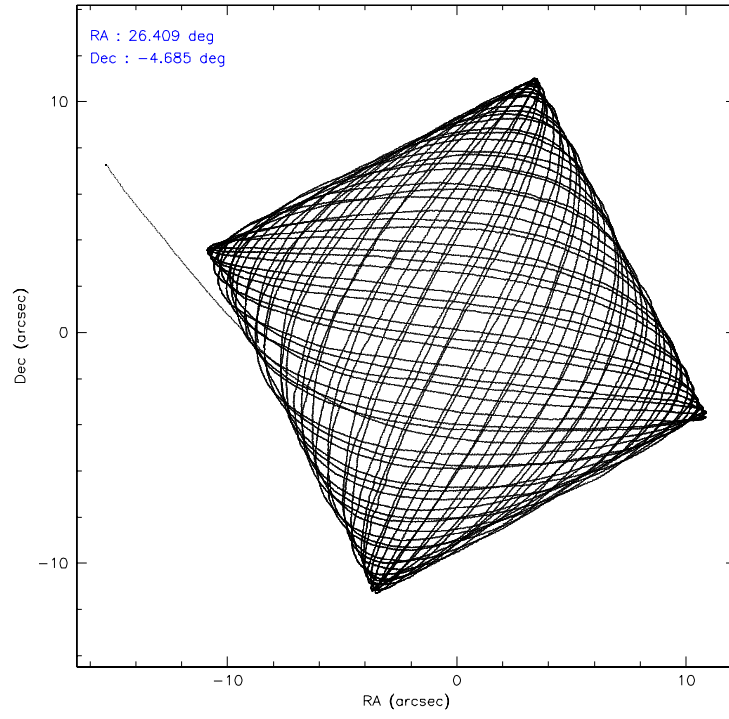
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 8
level 1 events	169743	172837	185834	183427	186963	243207
rejected events	137736	139473	153863	151640	153617	183693
rejected %	81%	80%	82%	82%	82%	75%

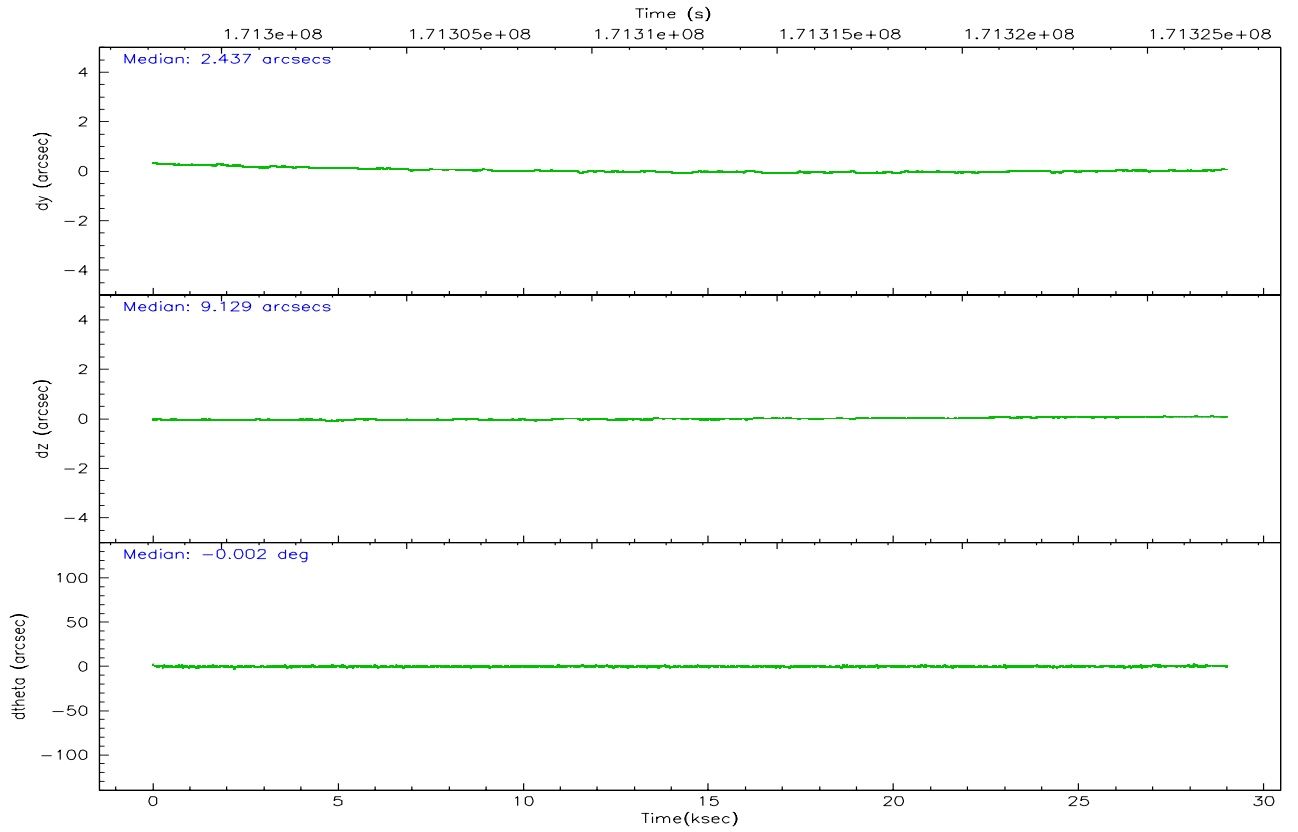
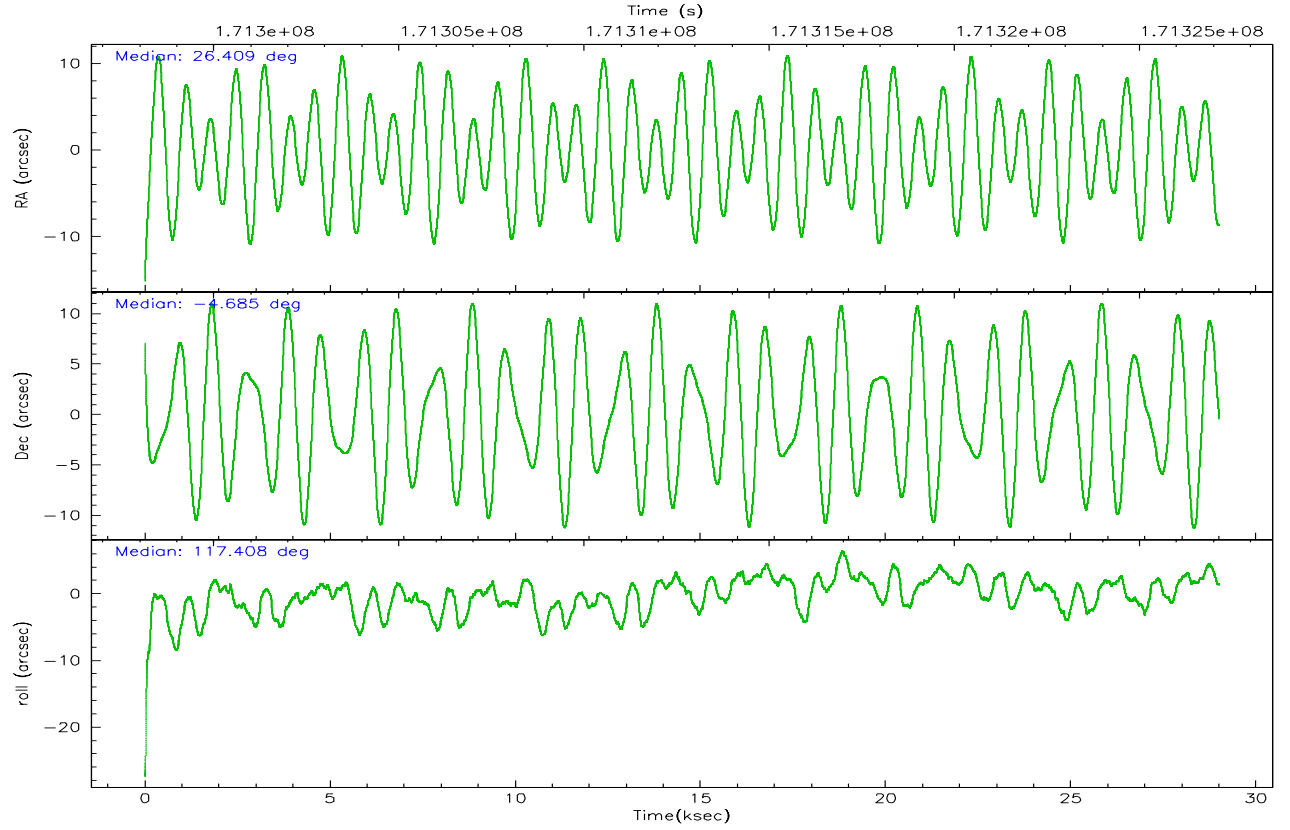
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 8
grade 0 events	17719	17084	18485	17791	17924	25208
	10%	9%	9%	9%	9%	10%
grade 1 events	133	129	152	116	109	205
	0%	0%	0%	0%	0%	0%
grade 2 events	5515	6167	5225	5098	5760	11193
	3%	3%	2%	2%	3%	4%
grade 3 events	2462	2592	2249	2442	2424	5358
	1%	1%	1%	1%	1%	2%
grade 4 events	2291	2643	2213	2387	2317	5088
	1%	1%	1%	1%	1%	2%
grade 5 events	6824	7339	6797	7666	7898	10644
	4%	4%	3%	4%	4%	4%
grade 6 events	4085	4879	3805	4075	4925	12681
	2%	2%	2%	2%	2%	5%
grade 7 events	130714	132004	146908	143852	145606	172830
	77%	76%	79%	78%	77%	71%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-012368	ACIS-012368	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	26.431921	26.40871851689908	Alternating exposures requested	N	N
Pointing Dec	-4.700172	-4.685518277444129	Primary exposure time	0.000000	3.2
Pointing Roll	117.201872	117.4086490251552			
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-233.592463	-233.5874344608287			
SIM translation stage offset (mm)	0	-0.005018542100998502			
Observation start time	171298321.184000	171297305.78731			
Observation start date	2003-06-06T14:50:57	2003-06-06T14:35:05			
Observation end time	171327156.184000	171327471.0261			
Observation end date	2003-06-06T22:51:32	2003-06-06T22:57:51			
Read mode	TIMED	TIMED			

2.3 Aspect



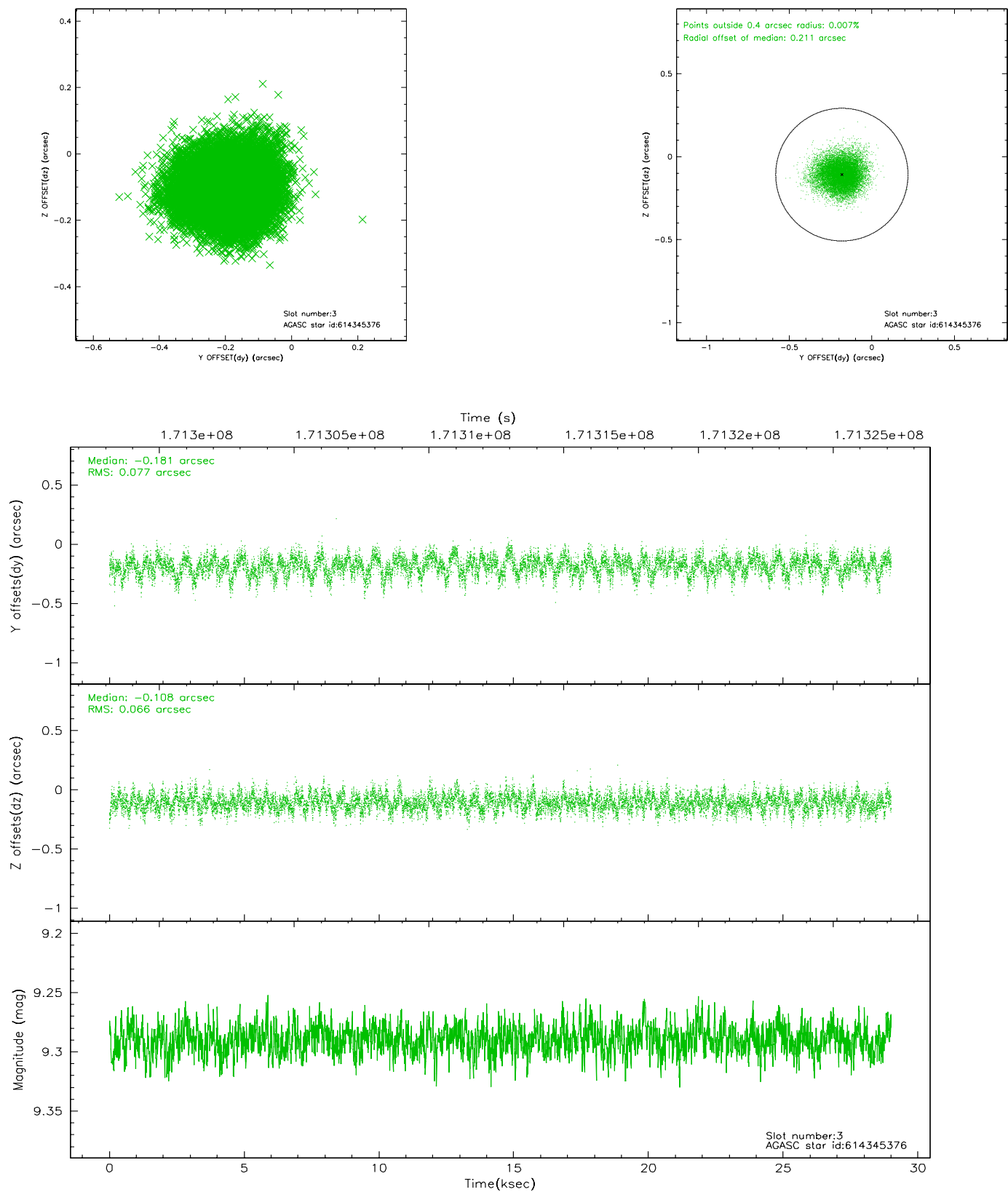


Slot Statistics

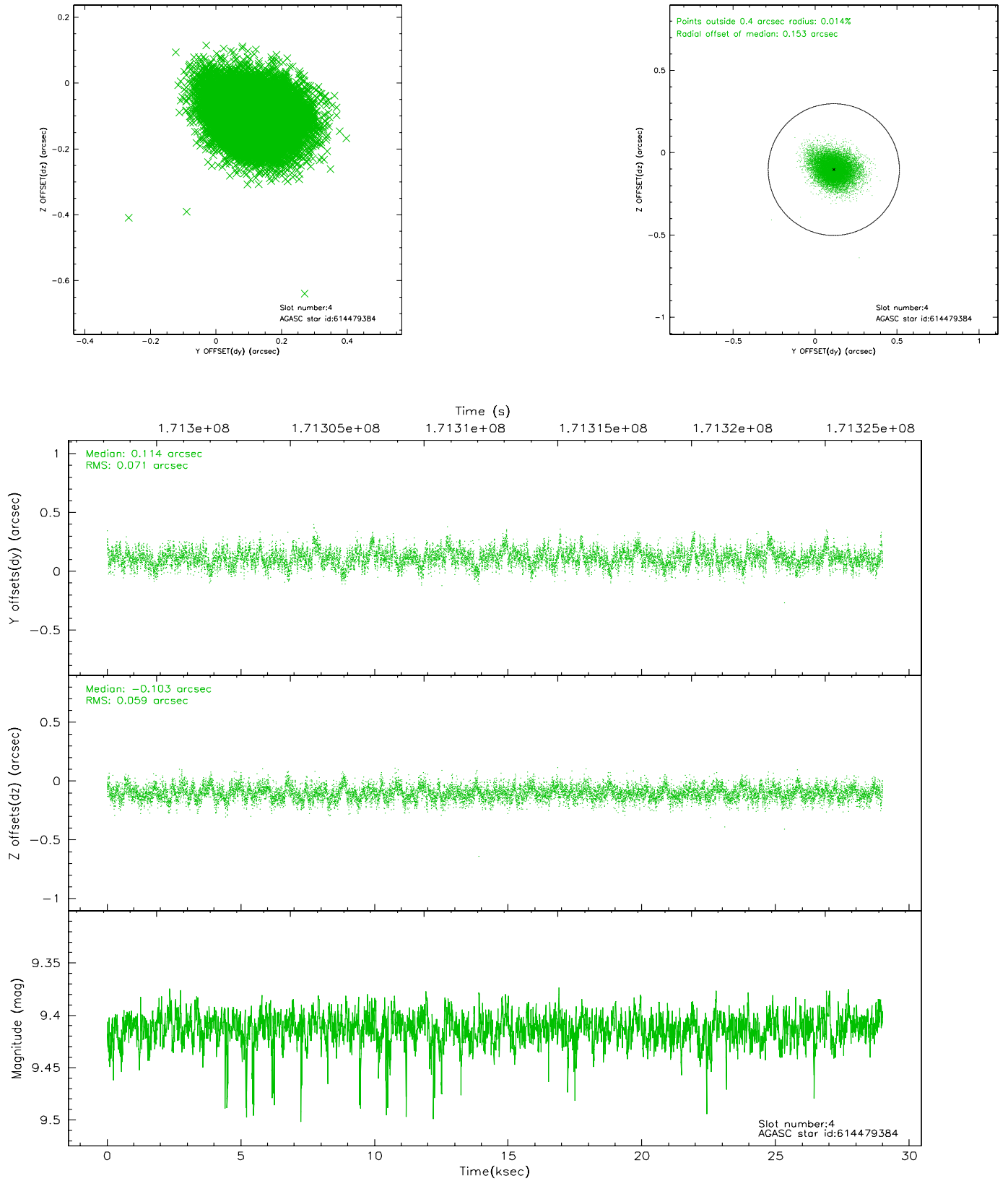
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	7076	-0.057	0.065	0.006	0.011	0.000000	0.000000	937.28	-832.52
1	FID	ACIS-I-4	7.18	7076	-0.003	0.036	0.008	0.014	0.000000	0.000000	2157.43	1067.21
2	FID	ACIS-I-6	7.25	7076	-0.038	-0.035	0.008	0.013	0.000000	0.000000	403.32	1709.42
3	GUIDE	614345376	9.29	14147	-0.181	-0.108	0.108	0.175	25.702118	-4.344424	2335.35	1745.54
4	GUIDE	614479384	9.41	14084	0.114	-0.103	0.097	0.162	26.458684	-5.277867	-1893.21	865.79
5	GUIDE	614480816	10.51	14117	0.140	-0.033	0.185	0.317	26.301496	-5.028963	-838.90	957.51
6	GUIDE	614482496	8.04	14149	-0.138	0.125	0.075	0.123	26.490453	-4.228669	1413.42	-962.16
7	GUIDE	614483944	10.04	14138	0.077	0.114	0.114	0.188	26.708180	-4.967254	-1308.00	-441.20

2.4 Star Slots

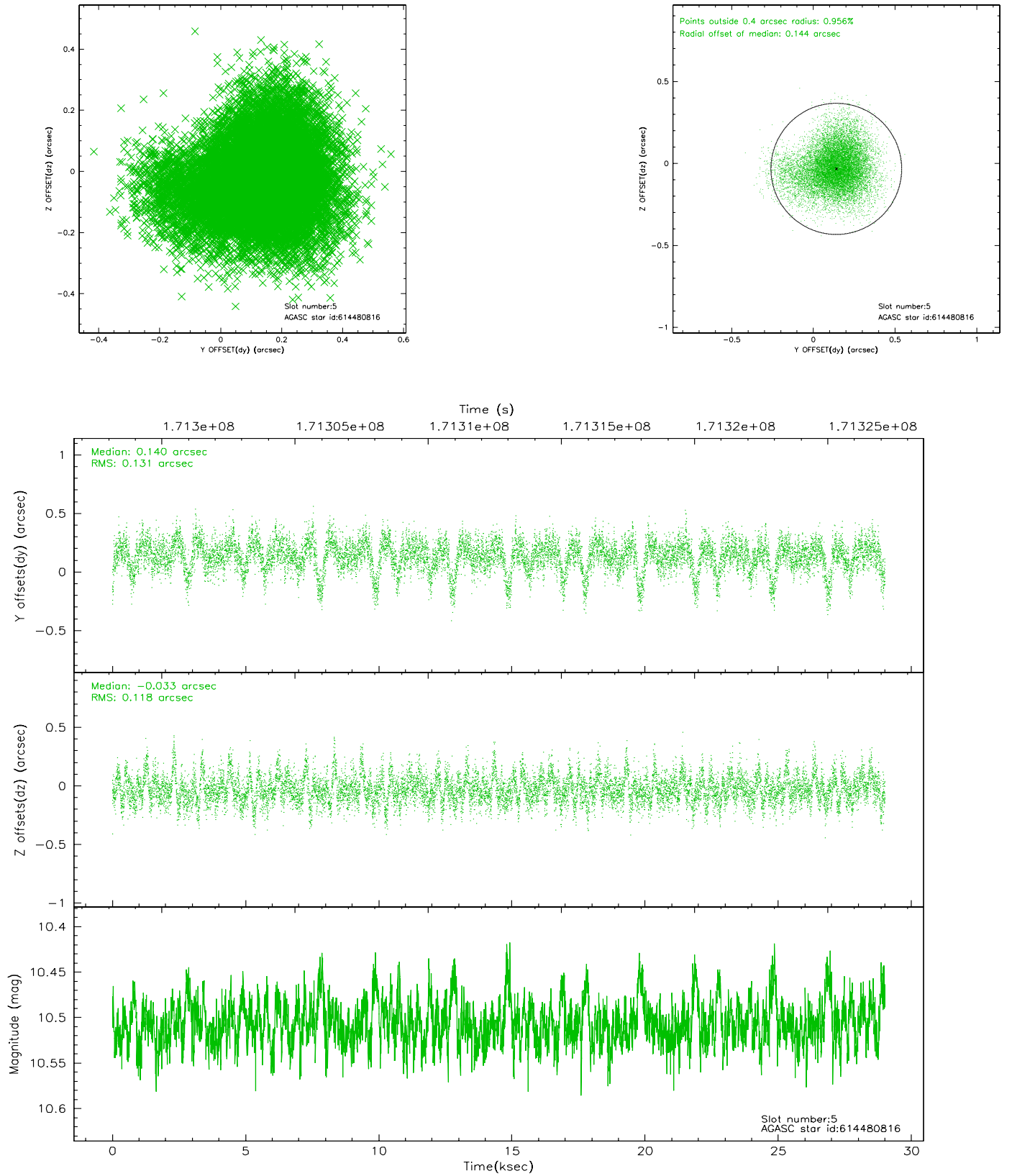
2.4.1 Slot 3



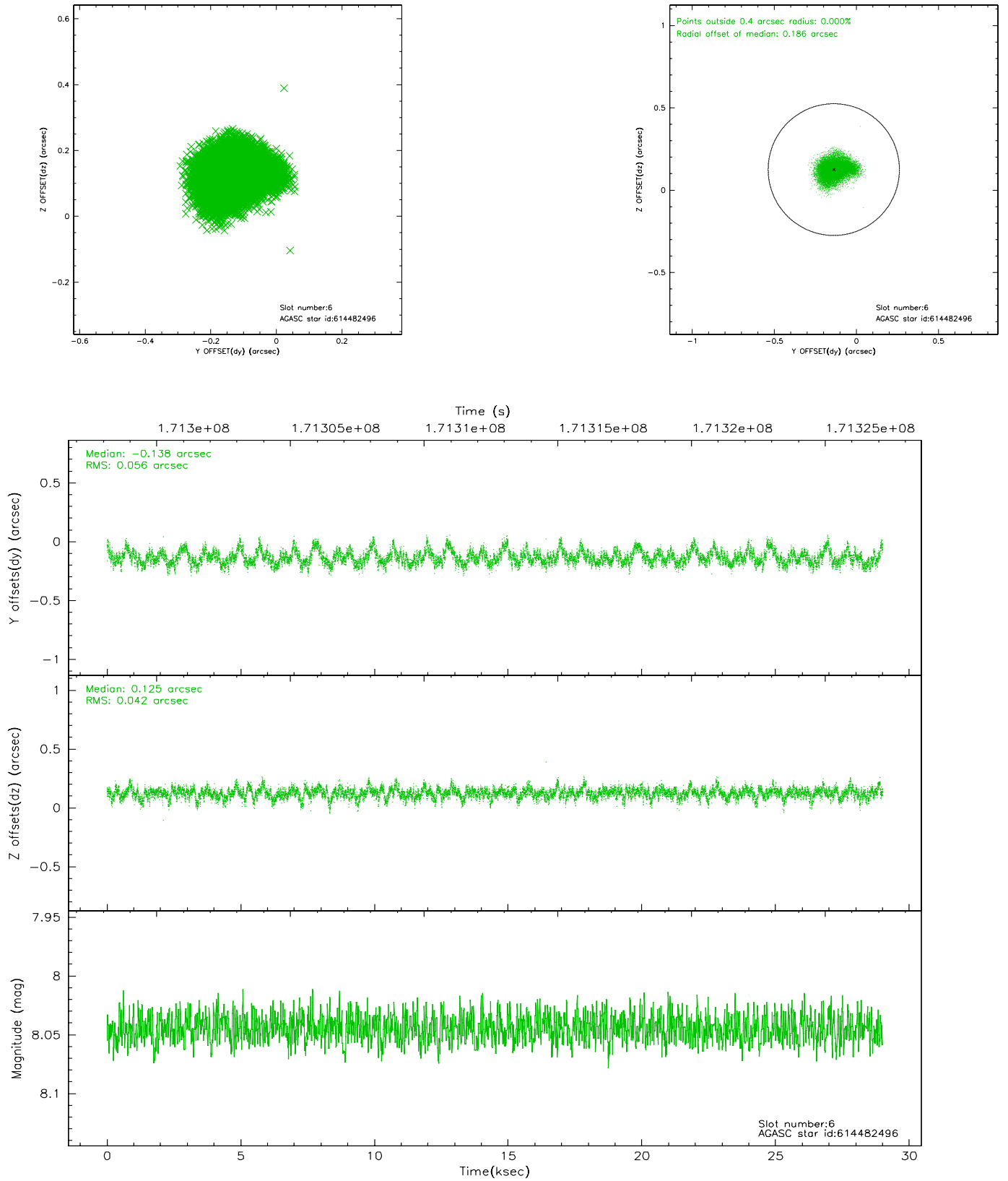
2.4.2 Slot 4



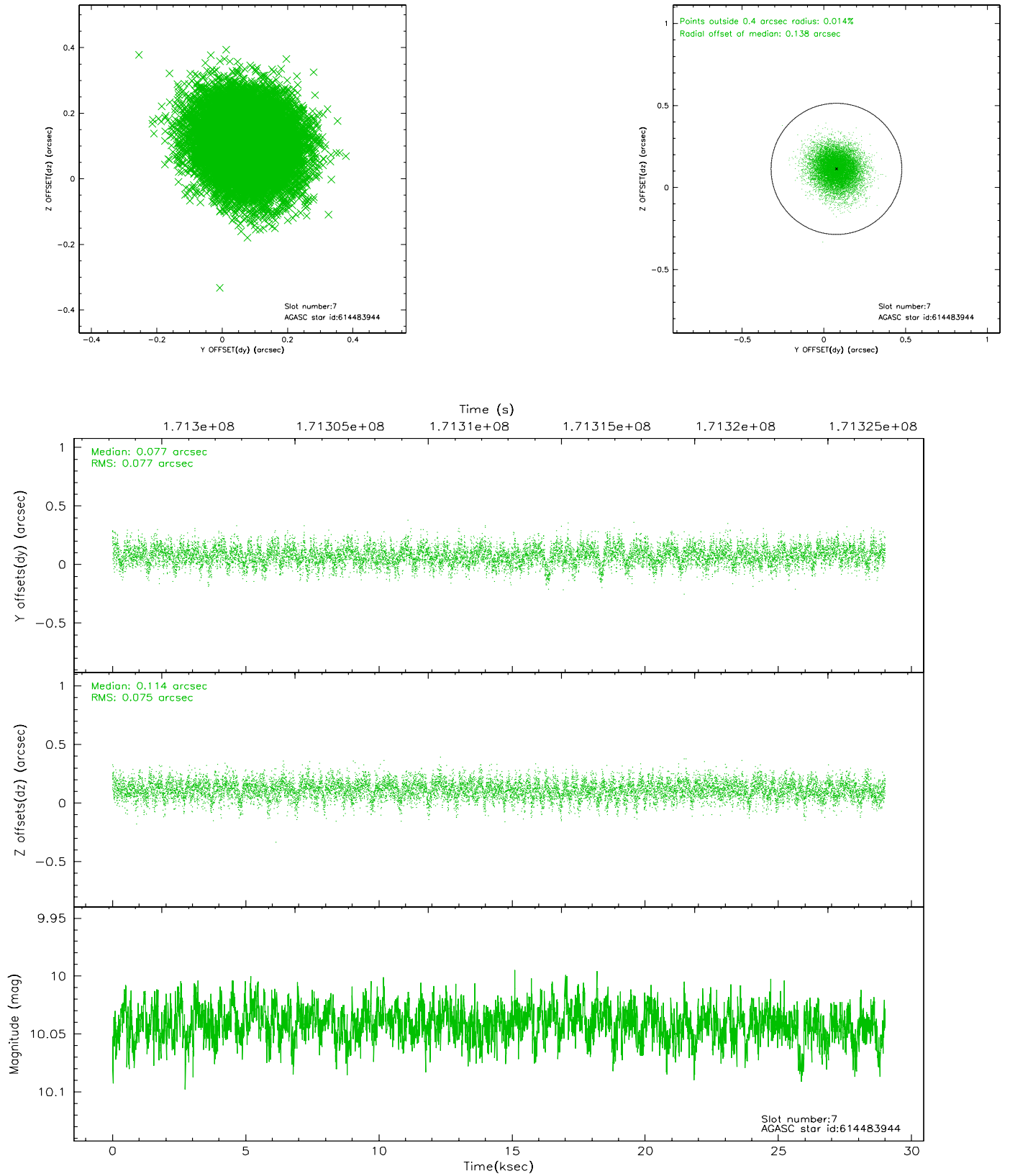
2.4.3 Slot 5



2.4.4 Slot 6

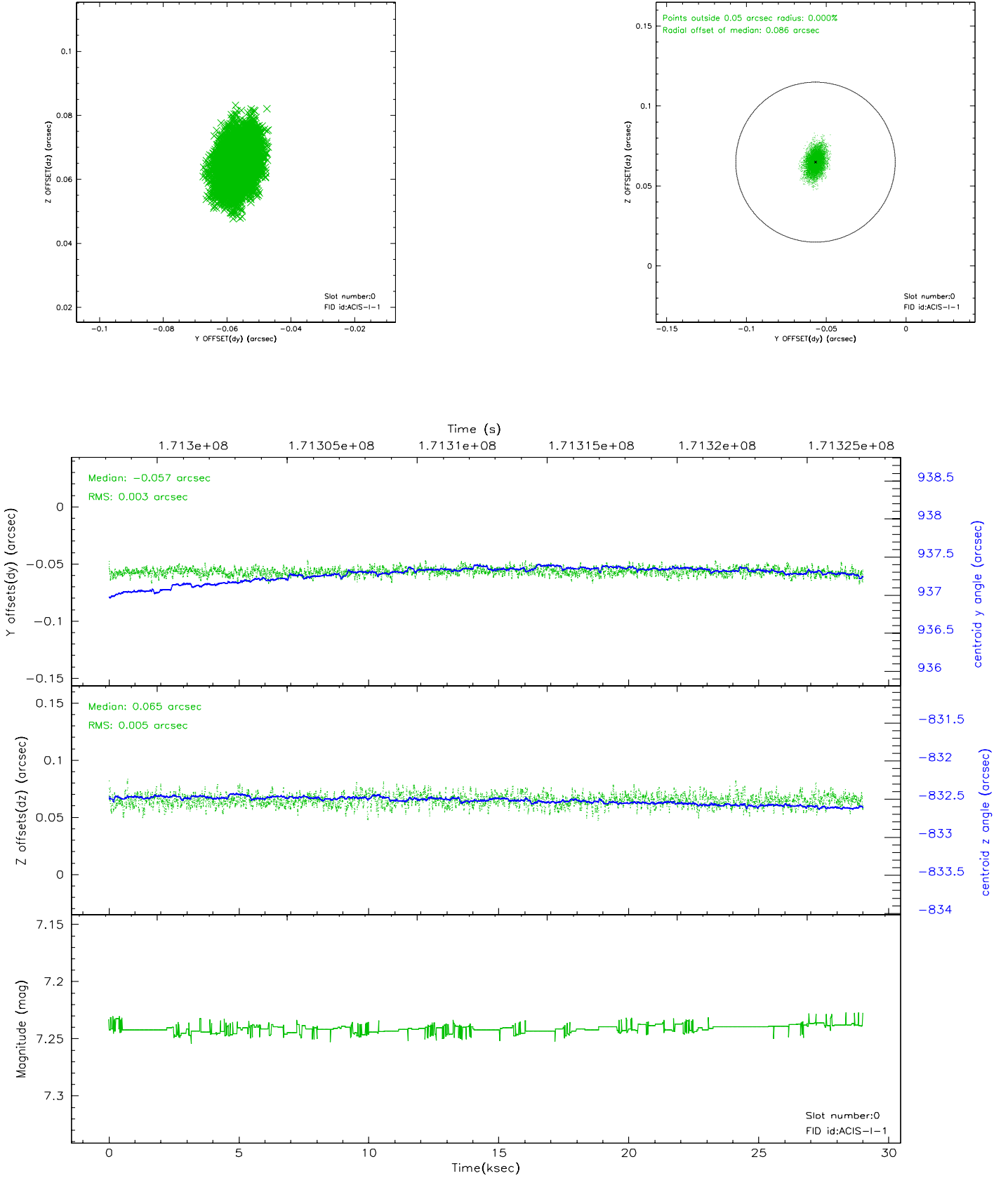


2.4.5 Slot 7

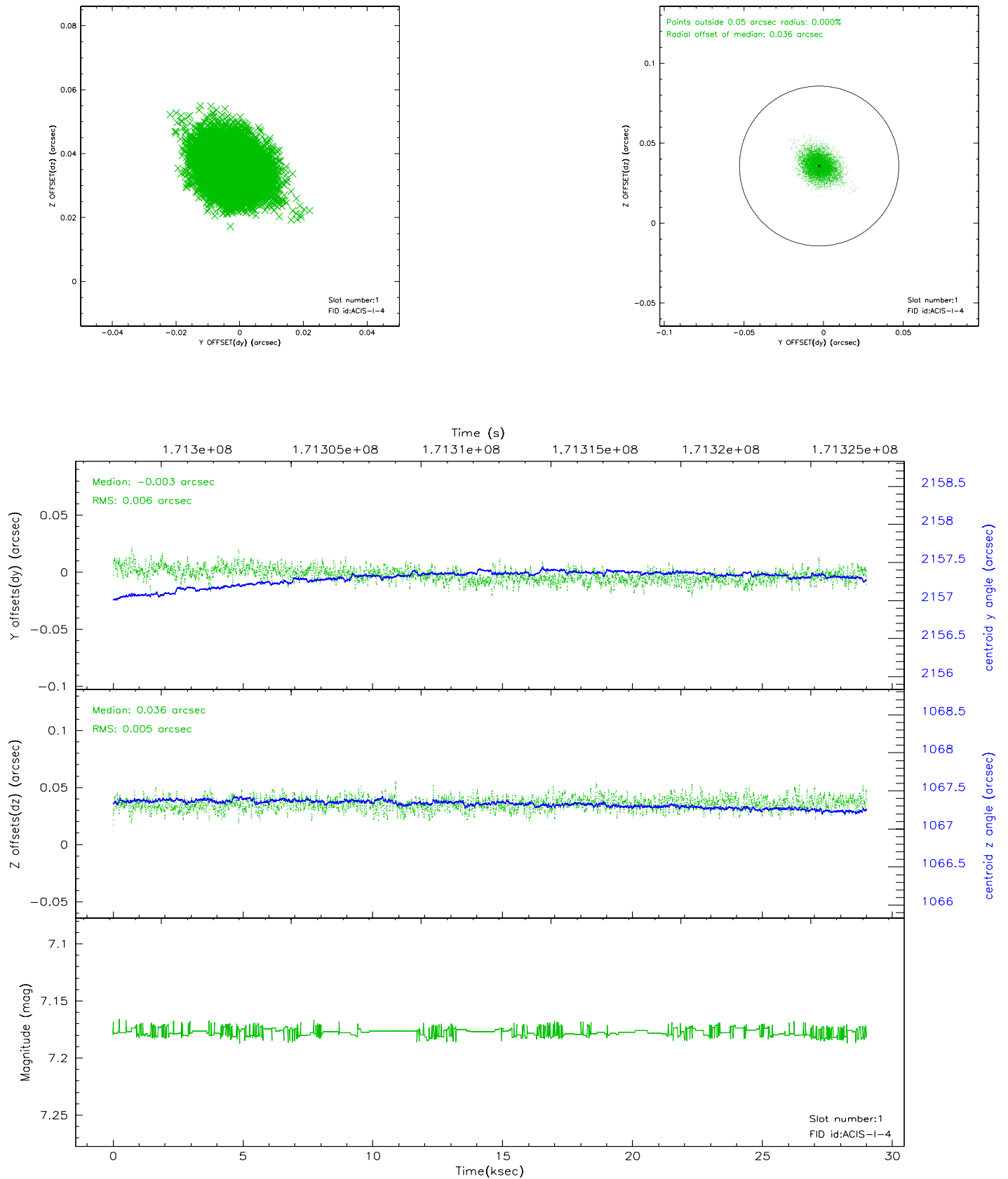


2.5 FID Slots

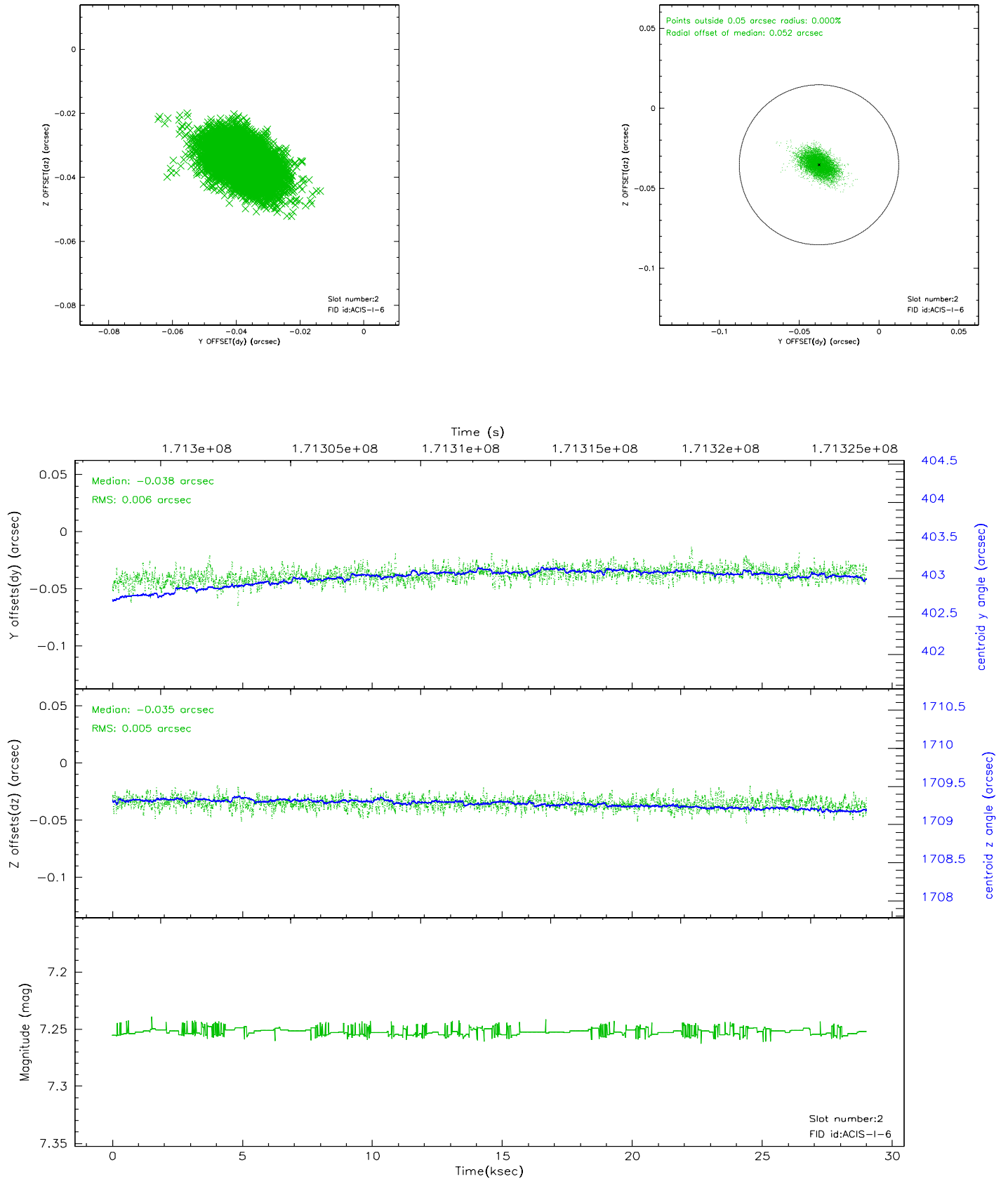
2.5.1 Slot 0



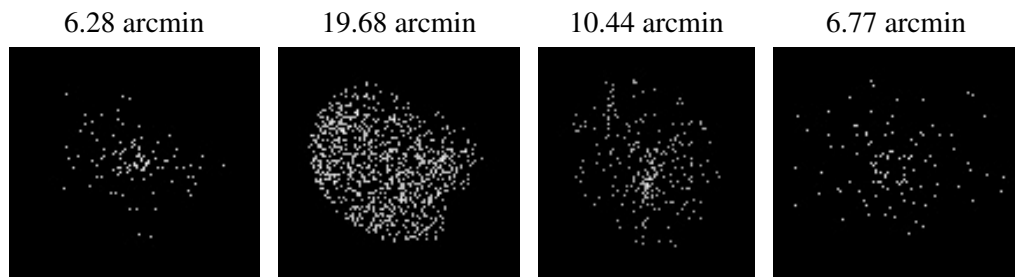
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.08.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	28.921

A.2 Comments