

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 4182 - L2 Version 001
Chandra X-Ray Center

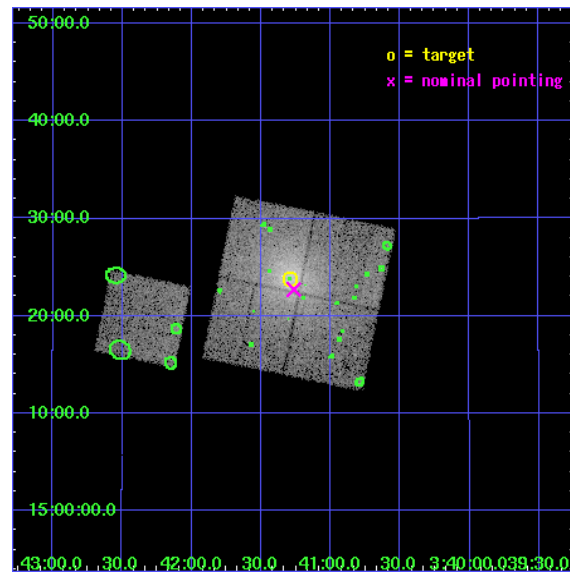
L2 Processing Date : Jul 22 2006

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1 Front

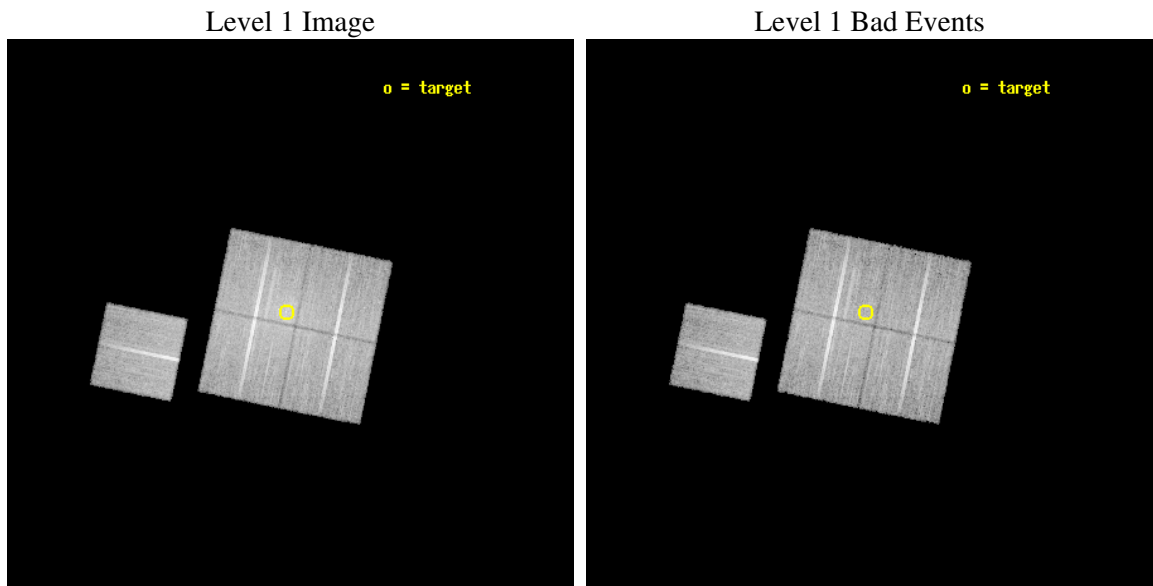
seq_num	800338
obs_id	4182
title	THE HIFLUGCS CLUSTER SURVEY: A CORNERSTONE FOR COSMOLOGY
observer	Dr. Craig Sarazin
object	IIIZW54
dtcycle	0
cycle	P
ra_targ	55.323042
dec_targ	15.396528
ra_nom	55.316001363579
dec_nom	15.378905387289
roll_nom	281.59558031055
revision	2
ontime	23761.336043537
livetime	23450.876695287
ontime0	23767.618003905
ontime1	23770.758964151
ontime2	23767.618023813
ontime3	23761.336043537
ontime6	23773.899954289
l2events	88174



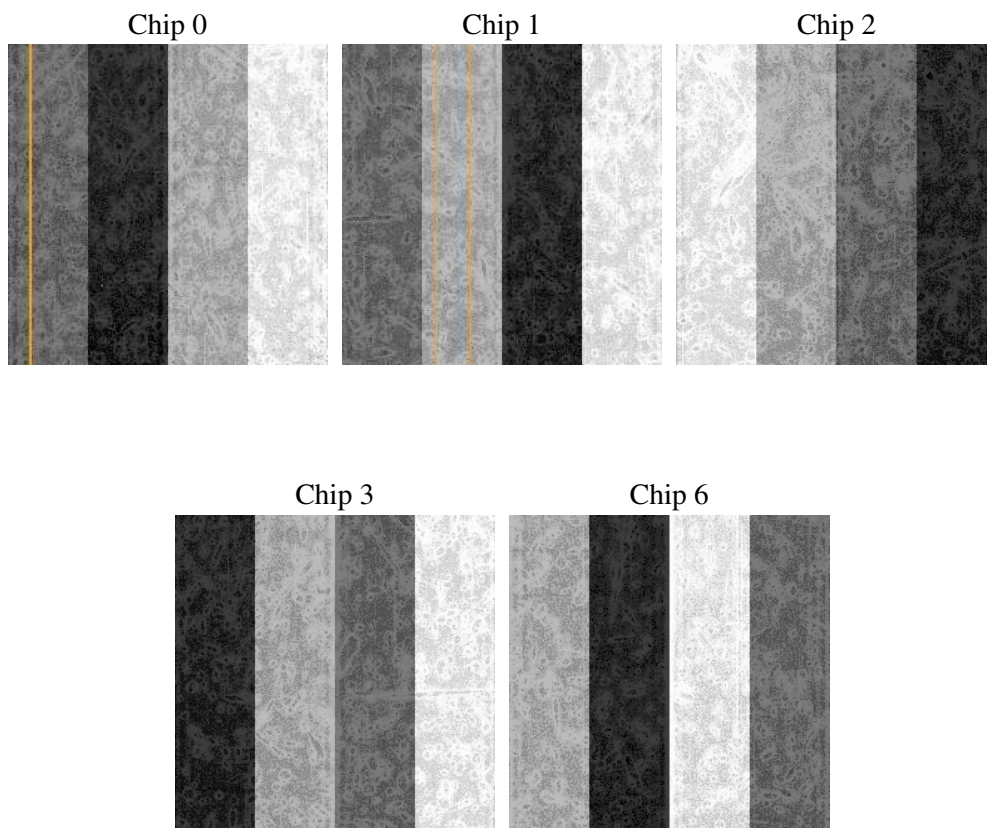
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.8
caldbver	3.2.2
date	2006-07-22T20:17:13
revision	2

sched_exp_time	24000.000000
ontime	23764.816120476
ontime0	23771.098110735
ontime1	23774.23904109
ontime2	23771.098100752
ontime3	23764.816120476
ontime6	23777.380031228
l1events	664418

2.1.4 Events

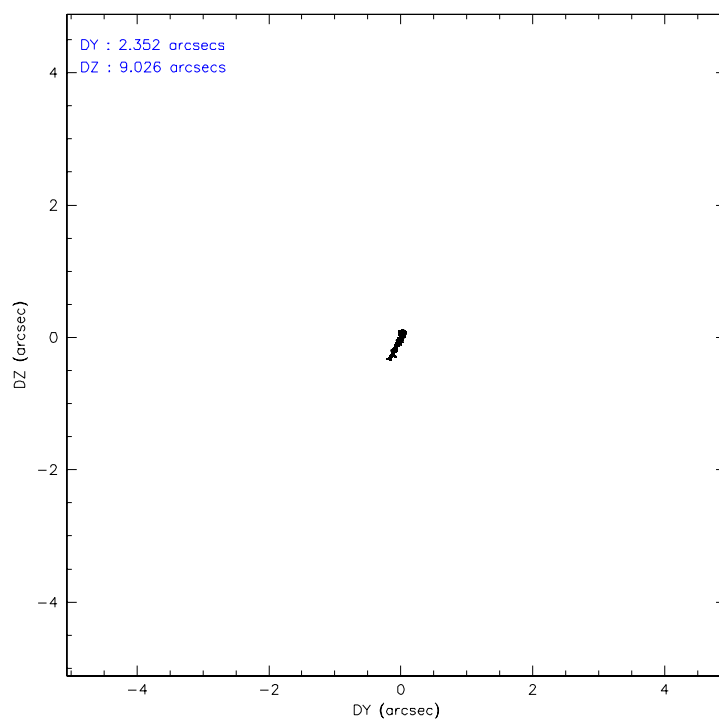
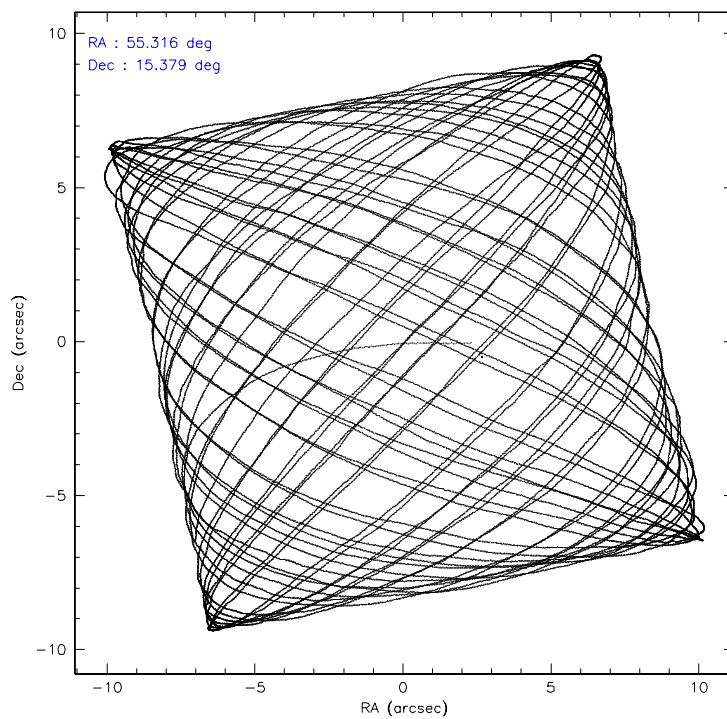
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	124241	127742	139998	144757	127680
rejected events	107404	106428	120705	114549	114730
rejected %	86%	83%	86%	79%	89%

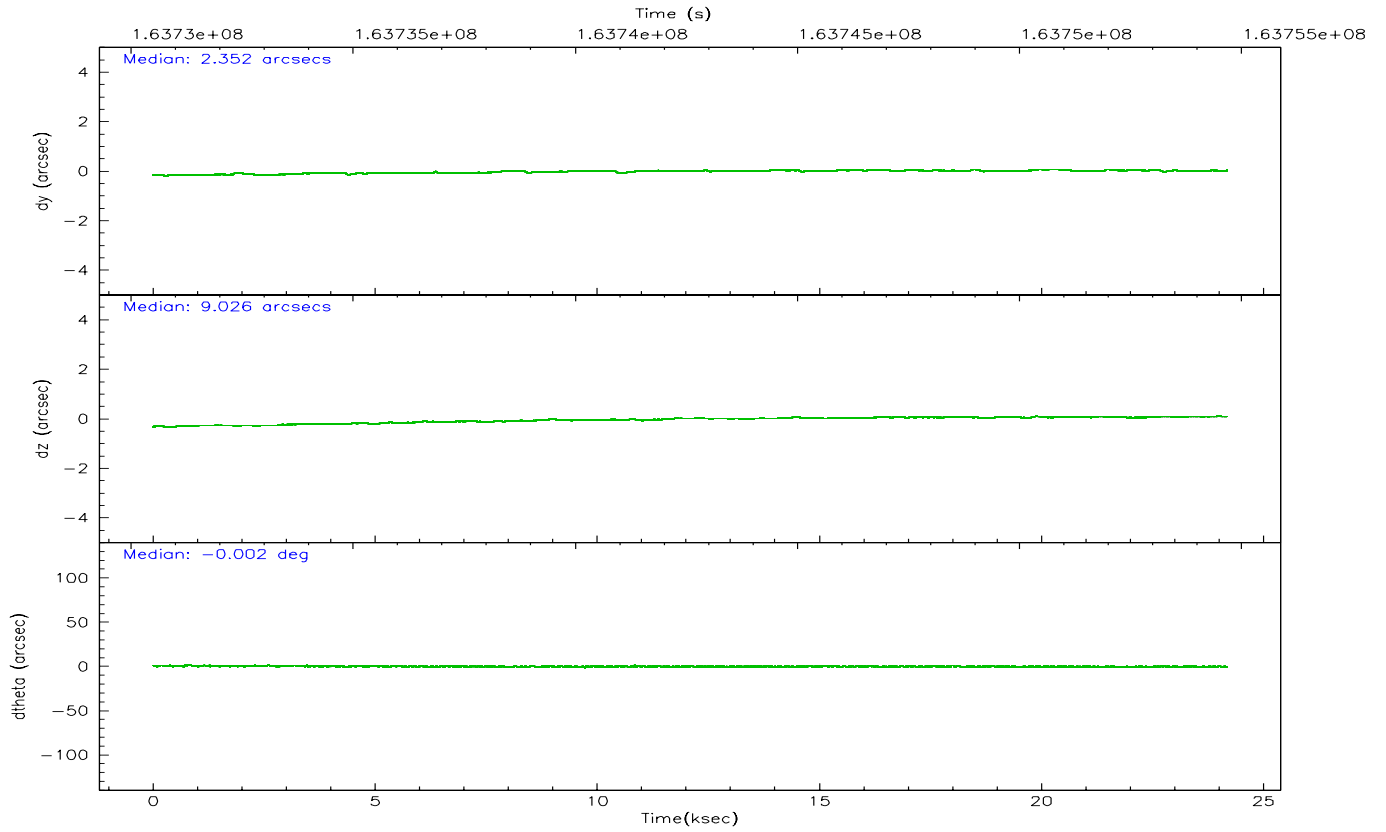
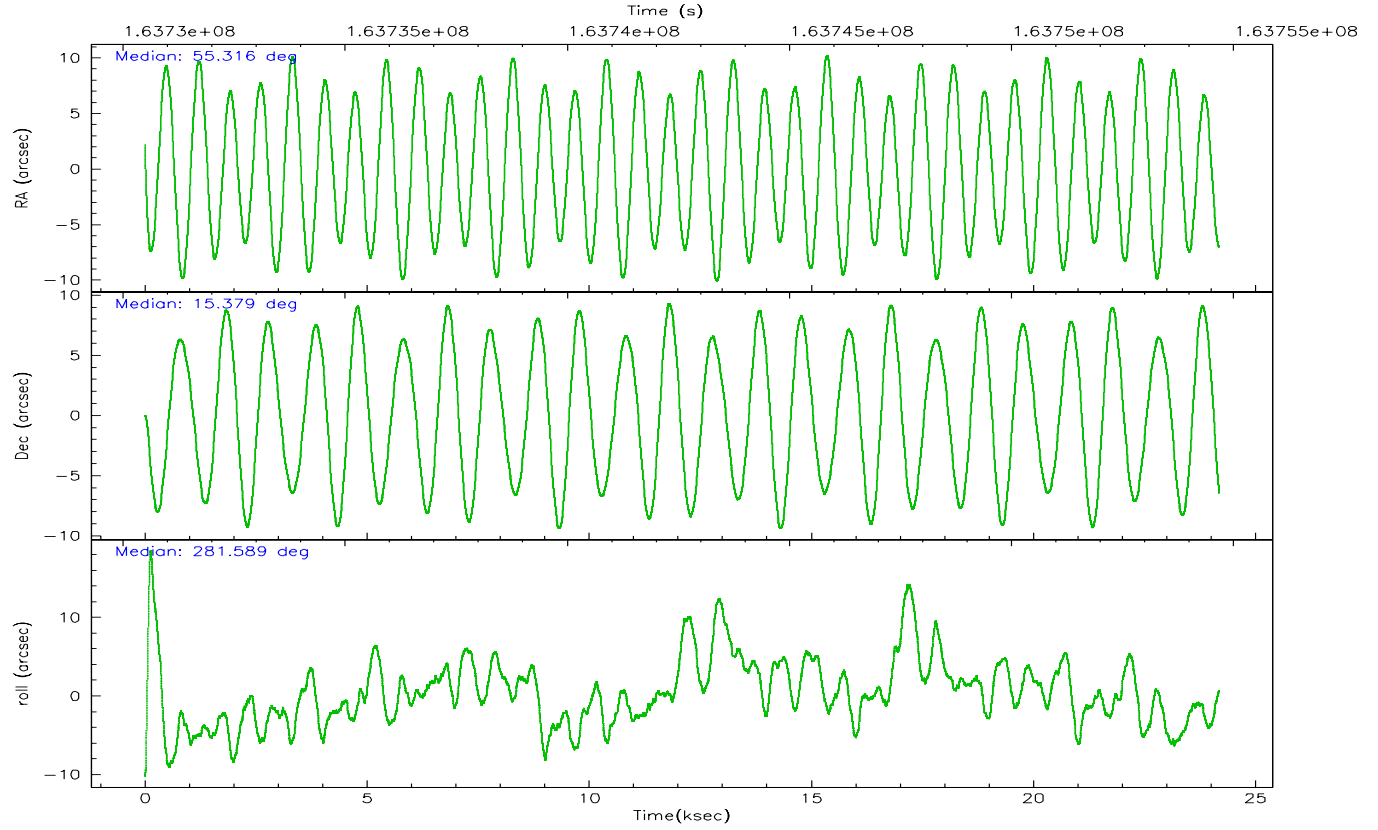
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	7897	11156	10374	19494	4674
	6%	8%	7%	13%	3%
grade 1 events	71	76	94	129	68
	0%	0%	0%	0%	0%
grade 2 events	3334	3640	3383	4111	2692
	2%	2%	2%	2%	2%
grade 3 events	1598	1811	1574	1982	1501
	1%	1%	1%	1%	1%
grade 4 events	1551	1809	1605	1919	1411
	1%	1%	1%	1%	1%
grade 5 events	4432	4653	4098	5017	5009
	3%	3%	2%	3%	3%
grade 6 events	2460	2901	2359	2704	2674
	1%	2%	1%	1%	2%
grade 7 events	102898	101696	116511	109401	109651
	82%	79%	83%	75%	85%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-01236	ACIS-01236	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	55.297074	55.31600136357937	Alternating exposures requested	N	N
Pointing Dec	15.399302	15.37890538728867	Primary exposure time	0.000000	3.1
Pointing Roll	281.391935	281.5955803105479			
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	163730680.184000	163729820.66745			
Observation start date	2003-03-11T00:43:36	2003-03-11T00:30:20			
Observation end time	163754680.184000	163755300.63103			
Observation end date	2003-03-11T07:23:36	2003-03-11T07:35:00			
Read mode	TIMED	TIMED			

2.3 Aspect



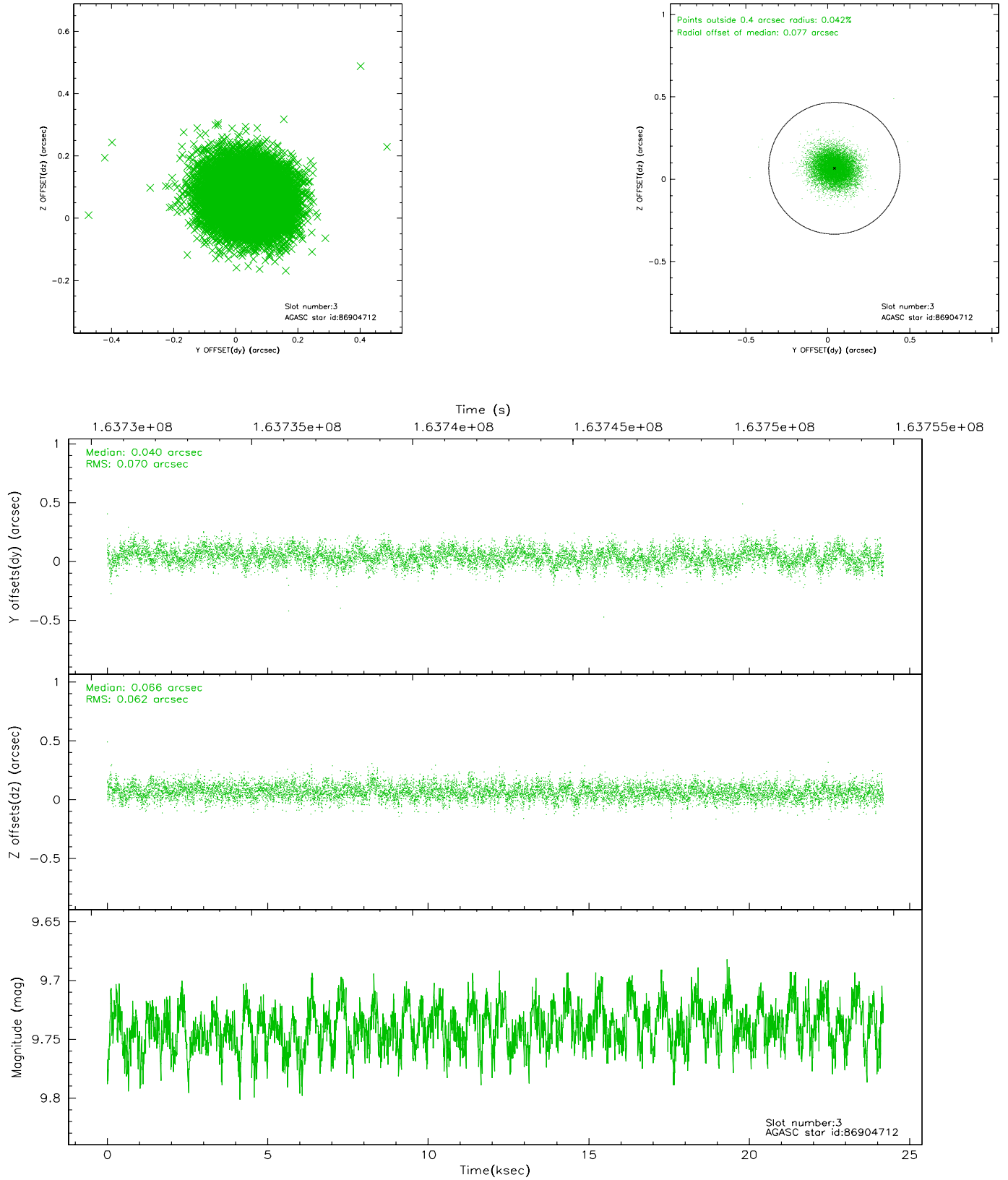


Slot Statistics

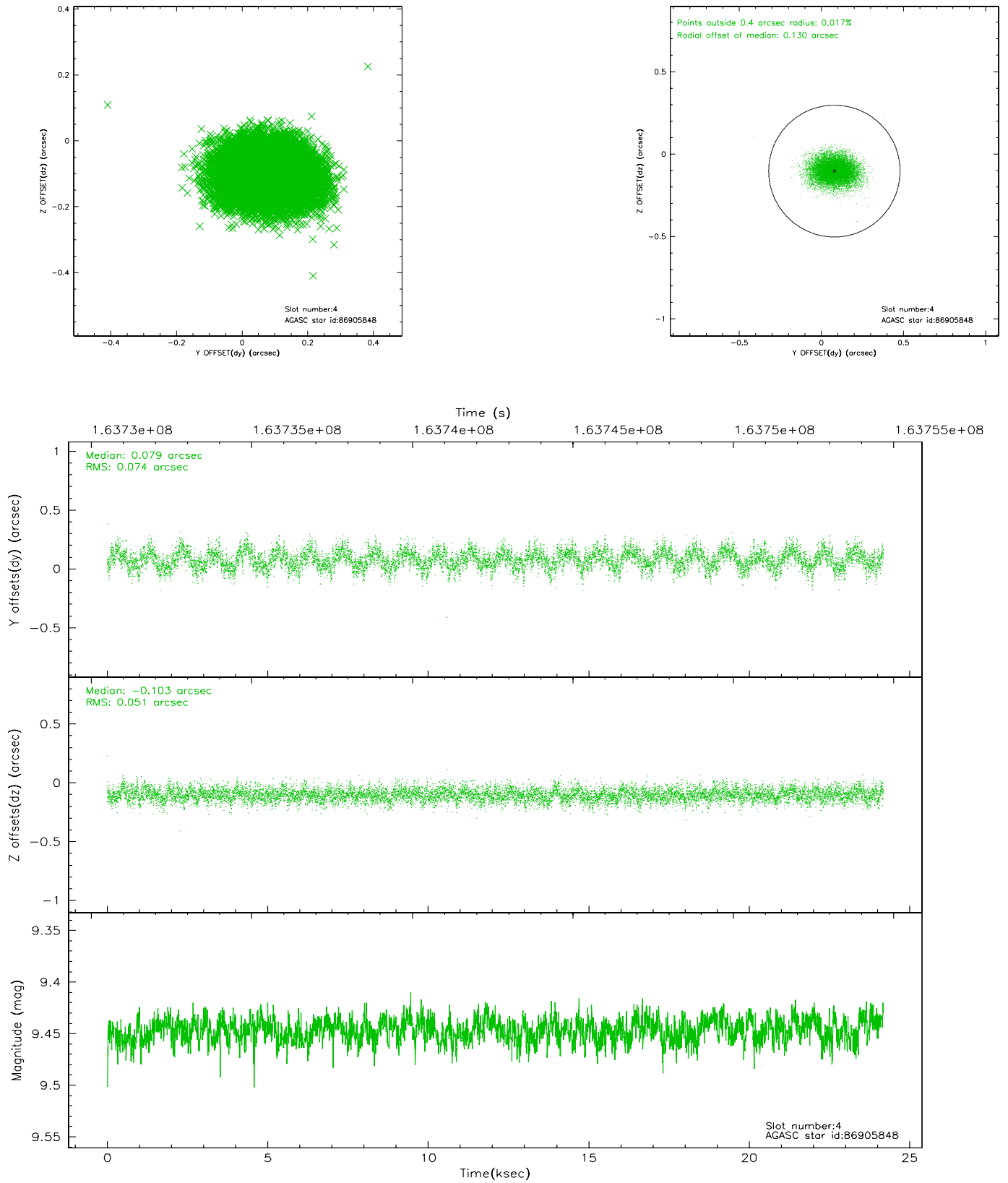
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	5897	-0.059	0.098	0.006	0.011	0.000000	0.000000	937.42	-832.32
1	FID	ACIS-I-5	7.24	5900	-0.024	0.011	0.006	0.010	0.000000	0.000000	-1810.59	1065.00
2	FID	ACIS-I-6	7.26	5899	-0.008	-0.039	0.007	0.012	0.000000	0.000000	402.87	1709.61
3	GUIDE	86904712	9.74	11790	0.040	0.066	0.099	0.162	55.357573	14.888629	1844.24	-156.28
4	GUIDE	86905848	9.45	11788	0.079	-0.103	0.095	0.156	55.506849	14.922173	1828.22	376.45
5	GUIDE	161875176	9.81	11700	-0.041	-0.027	0.116	0.199	54.667154	15.302443	-92.58	-2212.26
6	GUIDE	161881216	9.59	11788	-0.179	0.106	0.104	0.167	55.607243	15.815323	-1256.59	1349.18
7	GUIDE	161875408	8.86	11796	0.091	-0.042	0.067	0.111	55.060083	15.190636	573.83	-955.10

2.4 Star Slots

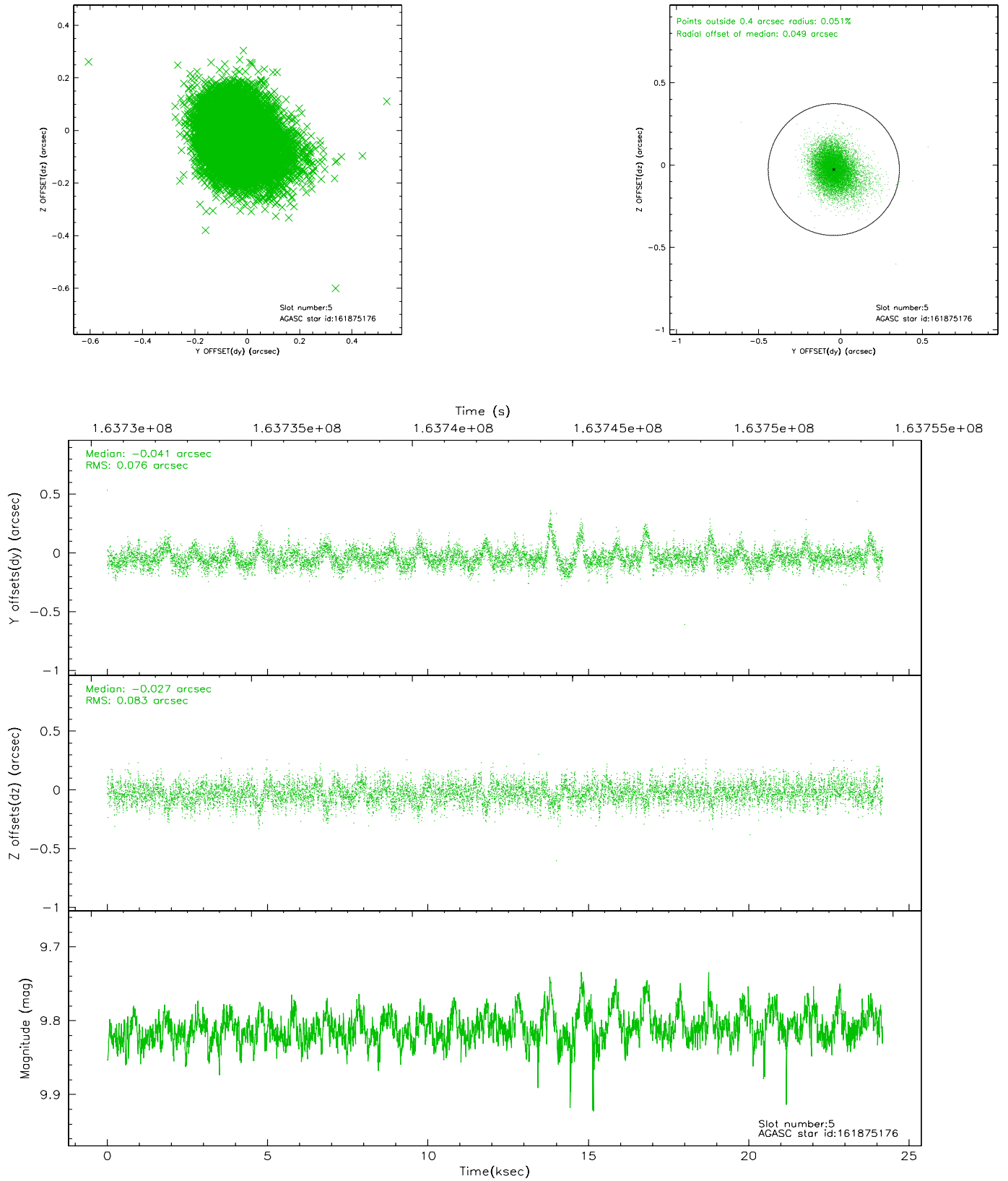
2.4.1 Slot 3



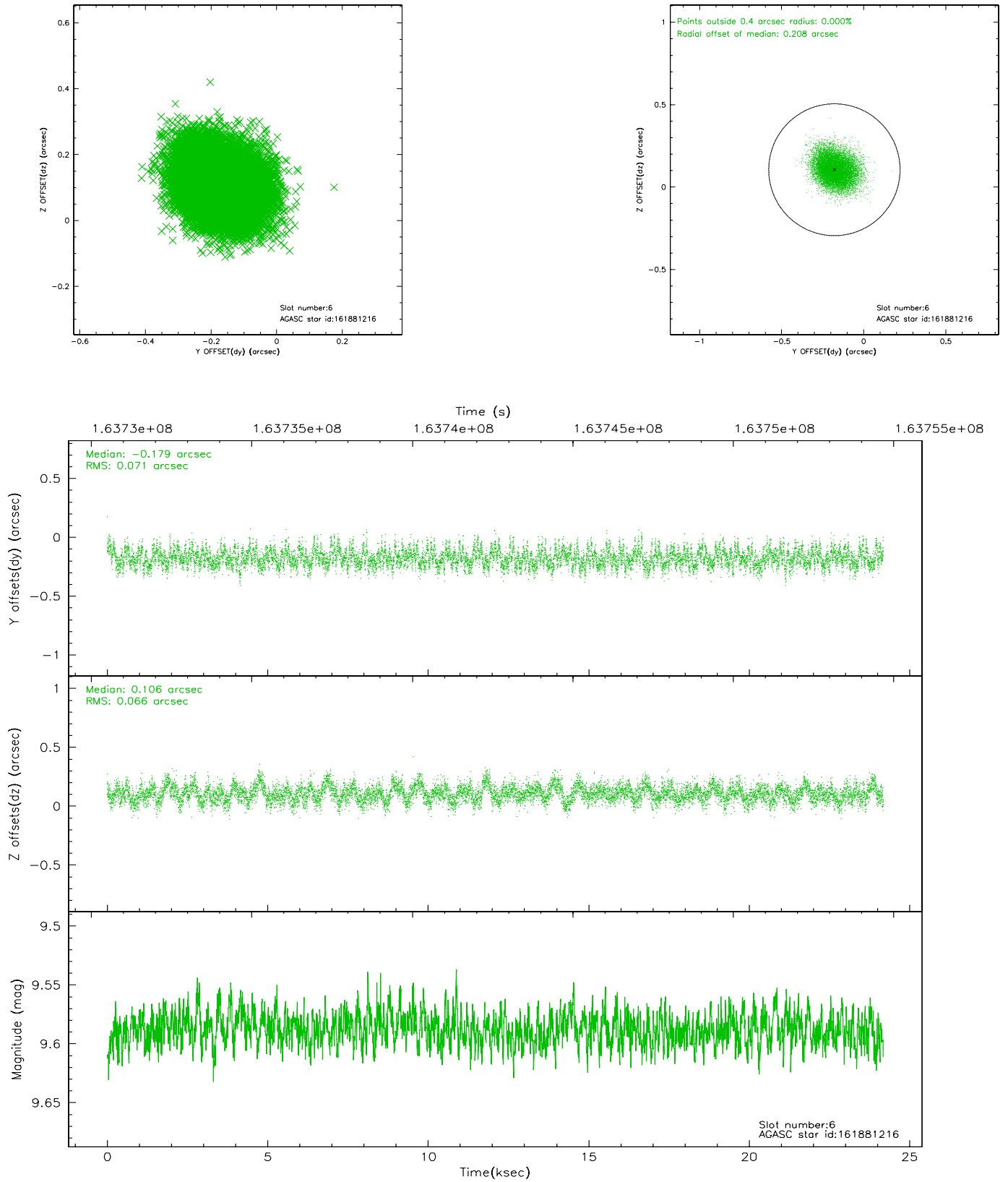
2.4.2 Slot 4



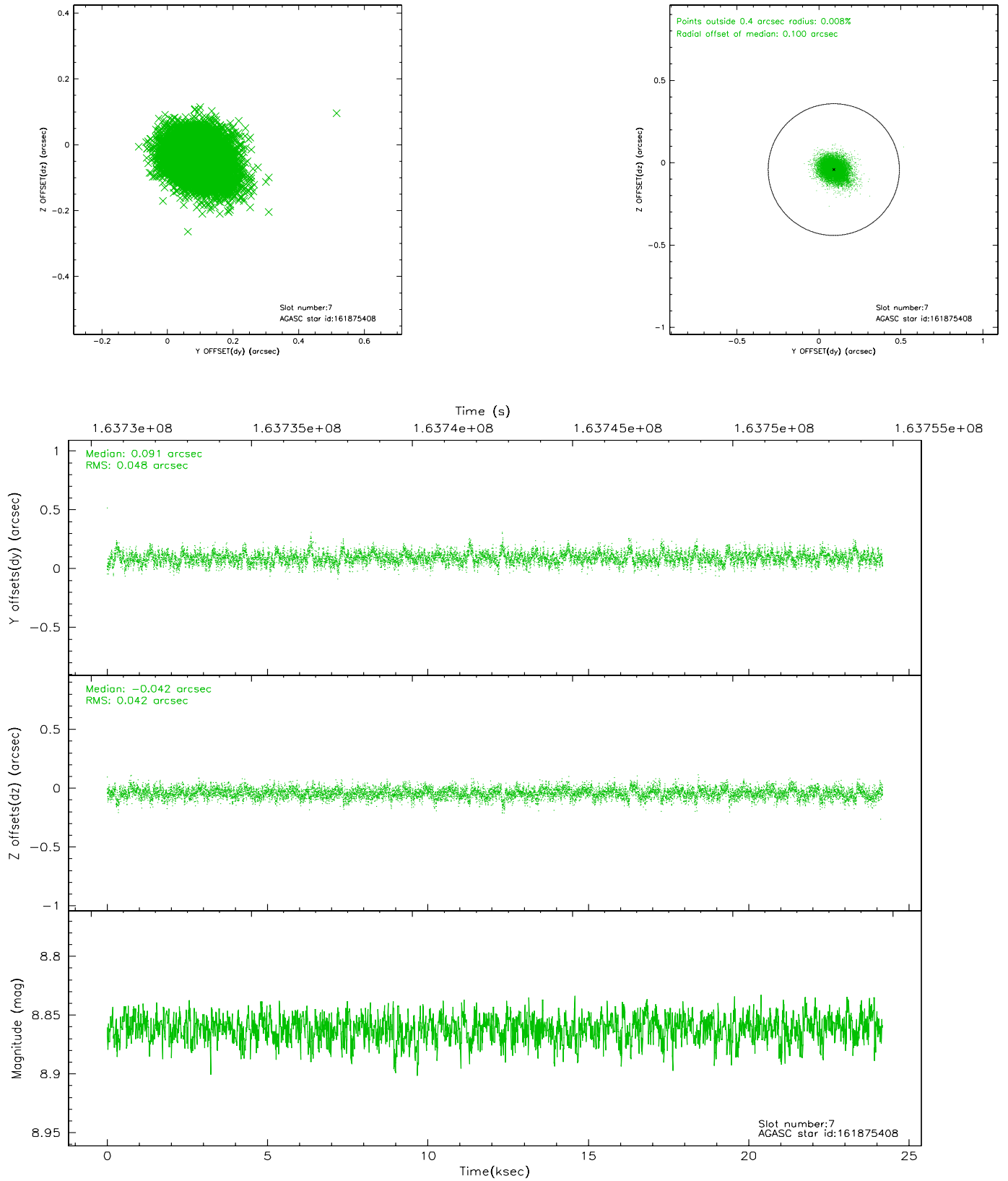
2.4.3 Slot 5



2.4.4 Slot 6

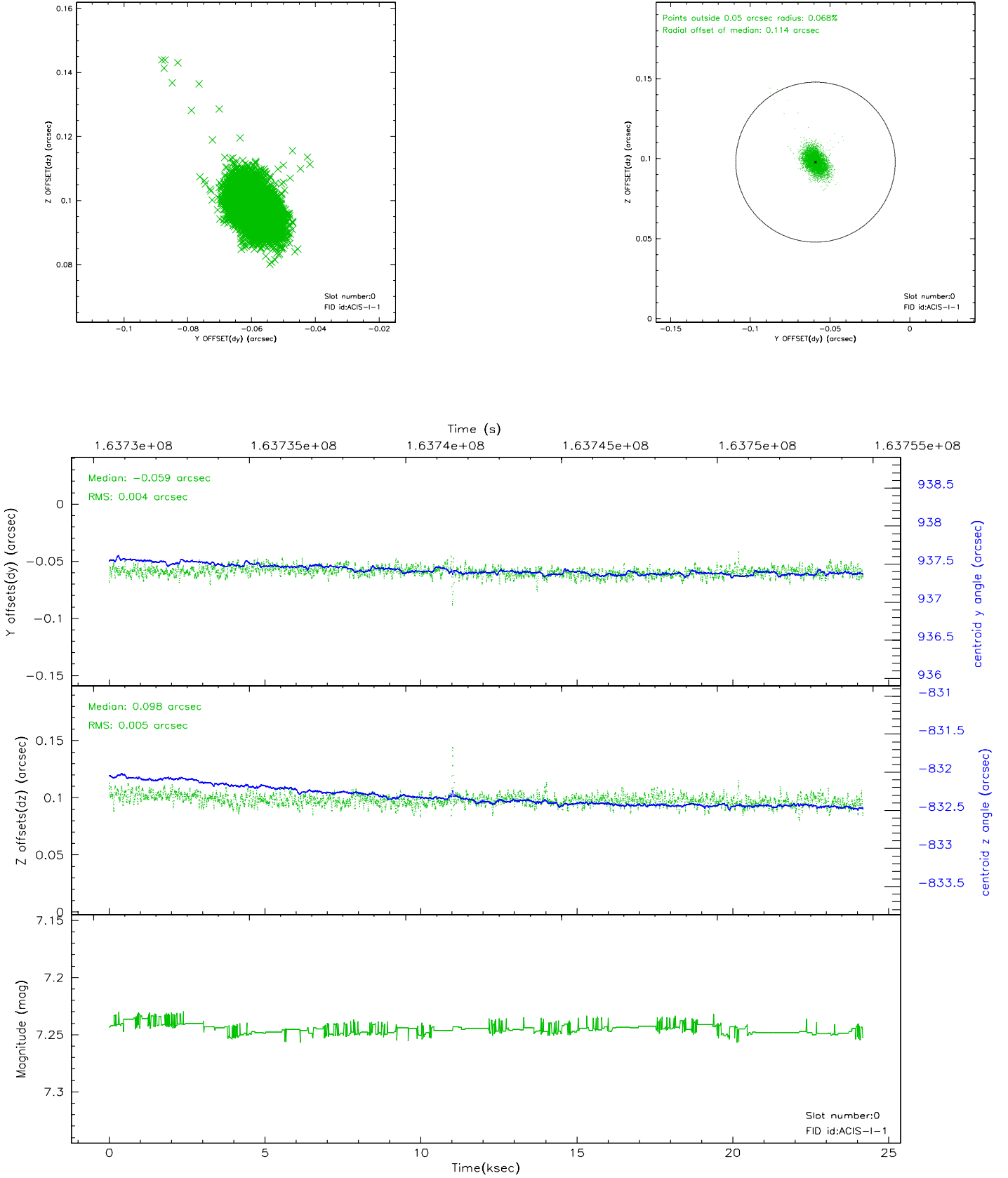


2.4.5 Slot 7

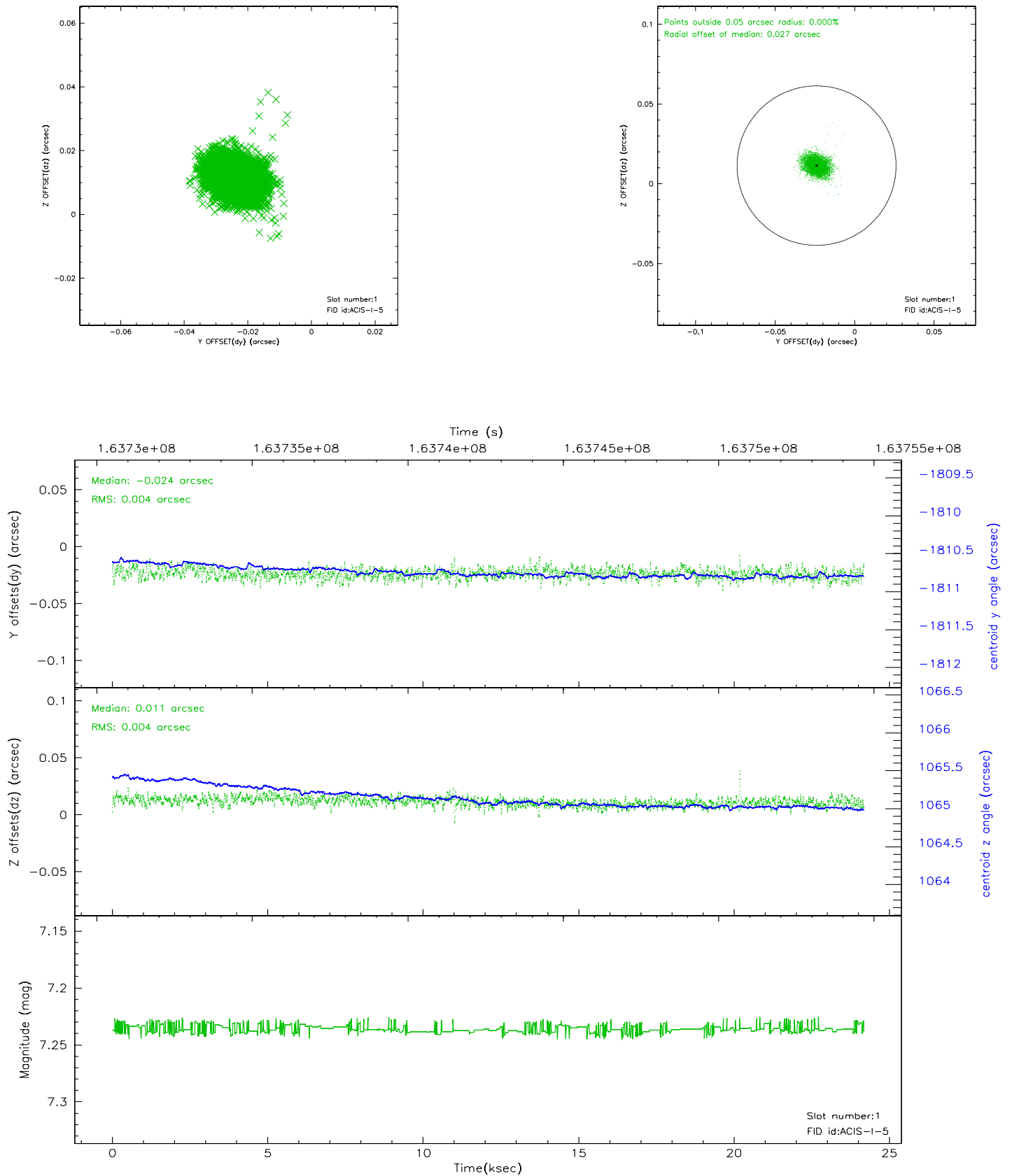


2.5 FID Slots

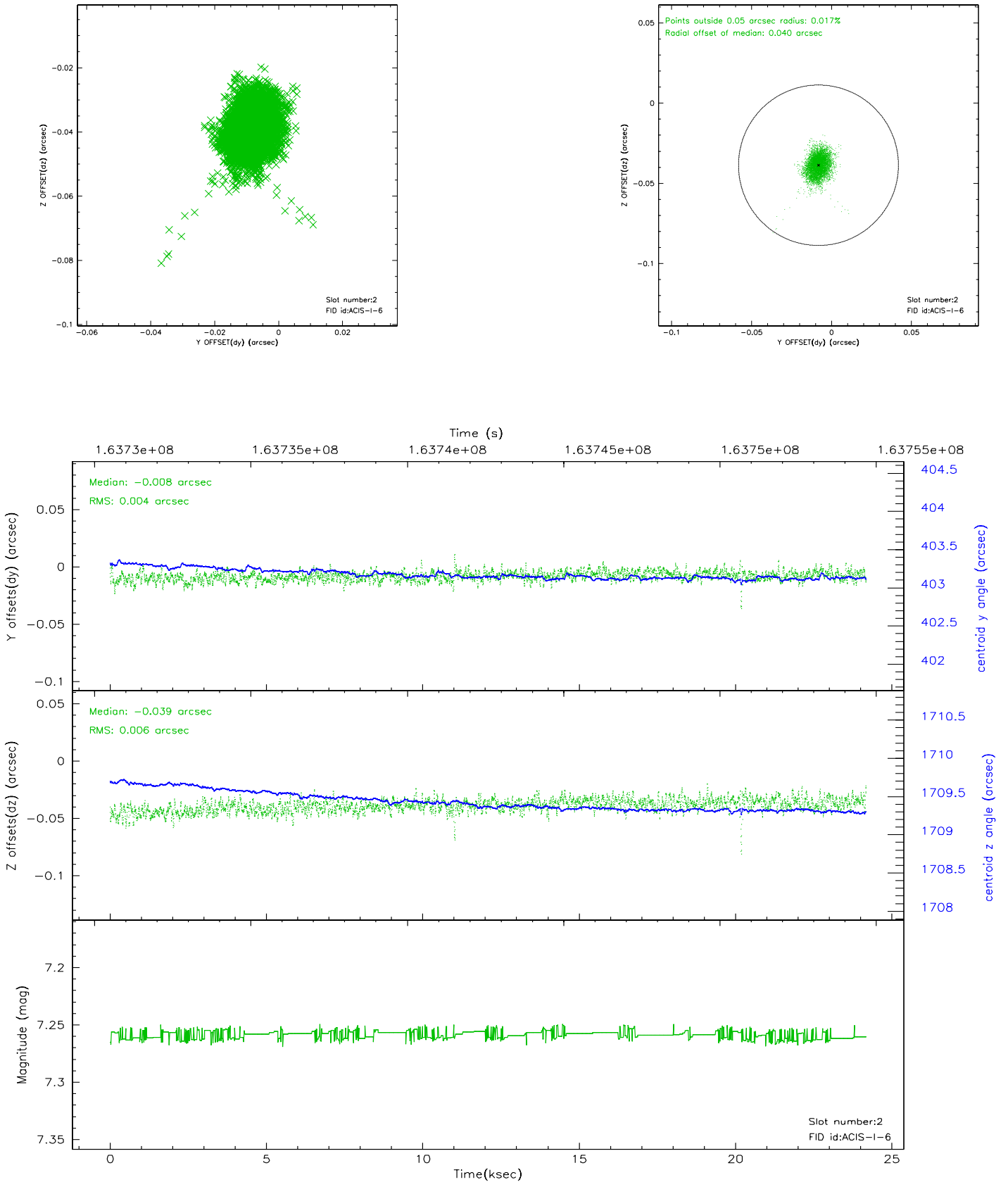
2.5.1 Slot 0



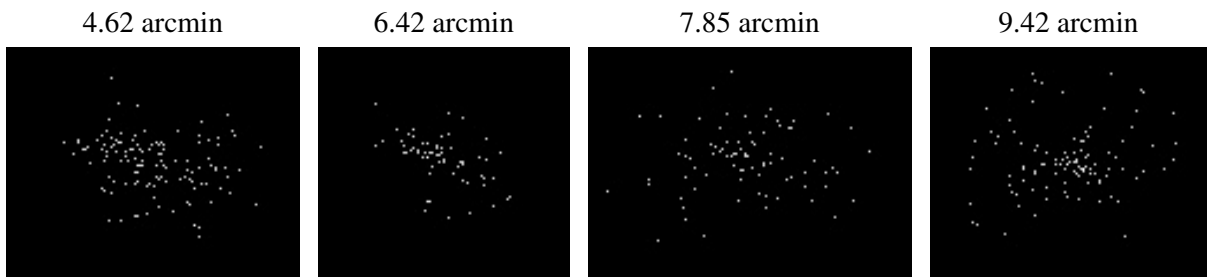
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.07.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	23.761

A.2 Comments