

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 5798 - L2 Version 002
Chandra X-Ray Center

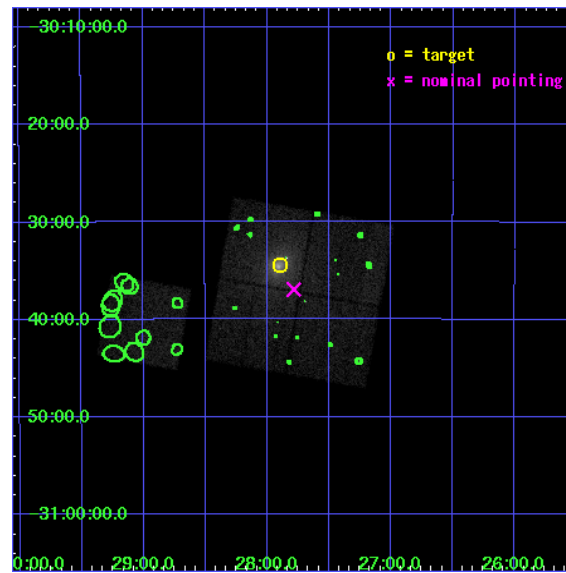
L2 Processing Date : Apr 7 2006

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1 Front

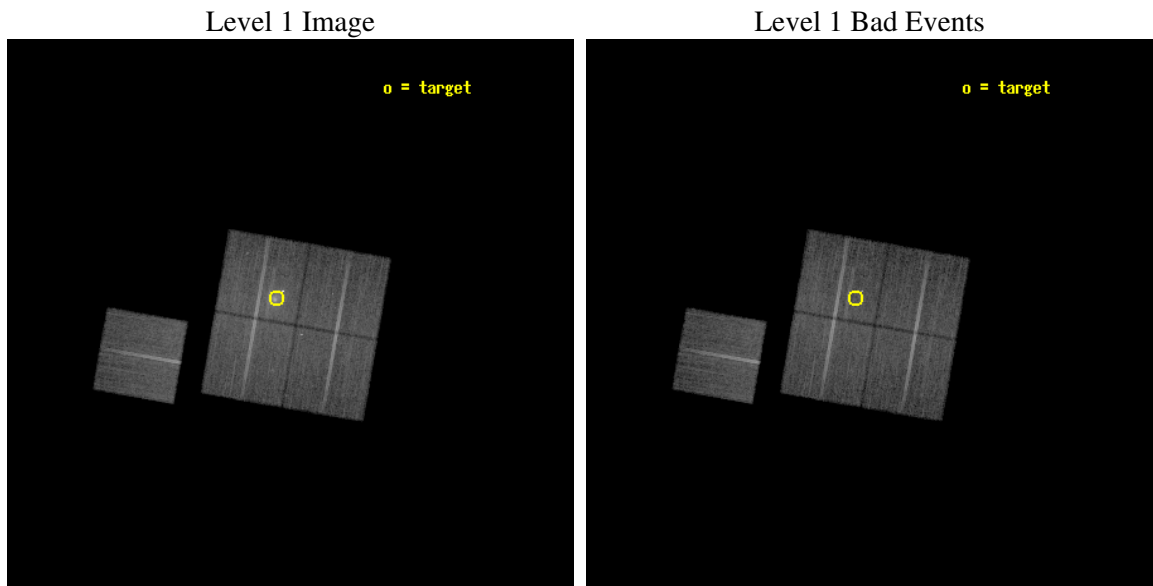
seq_num	800511
obs_id	5798
title	X-ray Properties of a Mass-Selected Group Catalog
observer	Dr Pasquale Mazzotta
object	2PIGGz0.058 J2227.0-3041
dtcycle	0
cycle	P
ra_targ	336.975
dec_targ	-30.573194
ra_nom	336.94598434788
dec_nom	-30.615641172456
roll_nom	279.96000167118
revision	2
ontime	22564.899956614
livetime	22270.072926643
ontime0	22561.758966416
ontime1	22564.899956614
ontime2	22558.617996156
ontime3	22564.899956614
ontime6	22561.758966446
l2events	96636



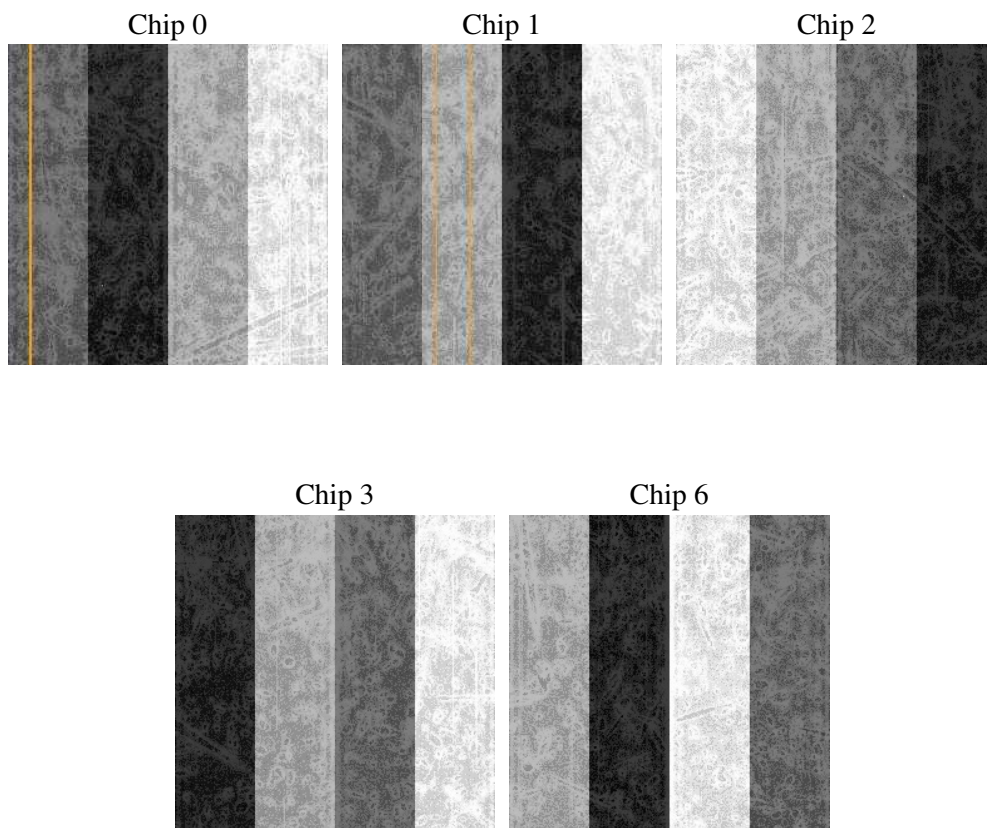
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.1
caldbver	3.2.1
date	2006-04-07T10:27:32
revision	2

sched_exp_time	22791.849000
ontime	22568.106846452
ontime0	22564.965856254
ontime1	22568.106846452
ontime2	22561.824866086
ontime3	22568.106846452
ontime6	22564.965836376
l1events	785883

2.1.4 Events

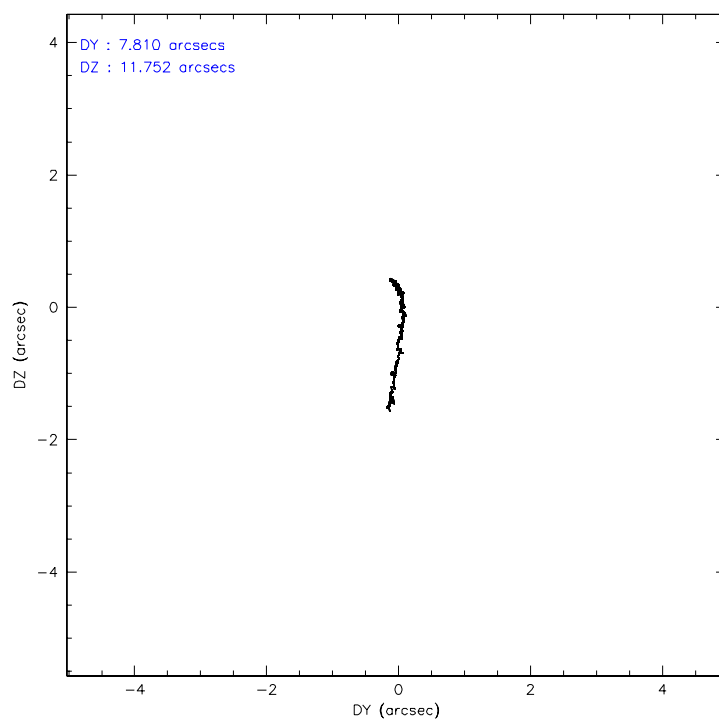
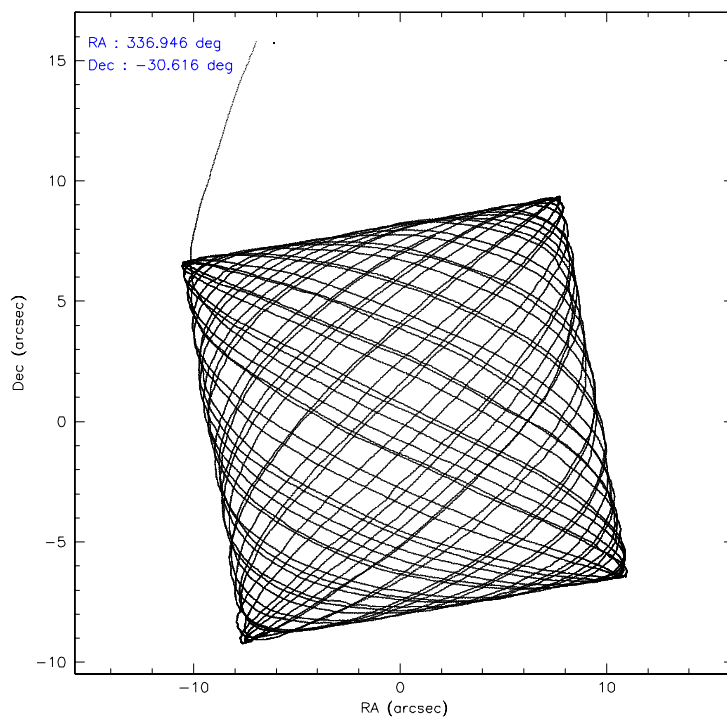
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	143903	142651	163563	180590	155176
rejected events	127241	123793	145310	139915	139363
rejected %	88%	86%	88%	77%	89%

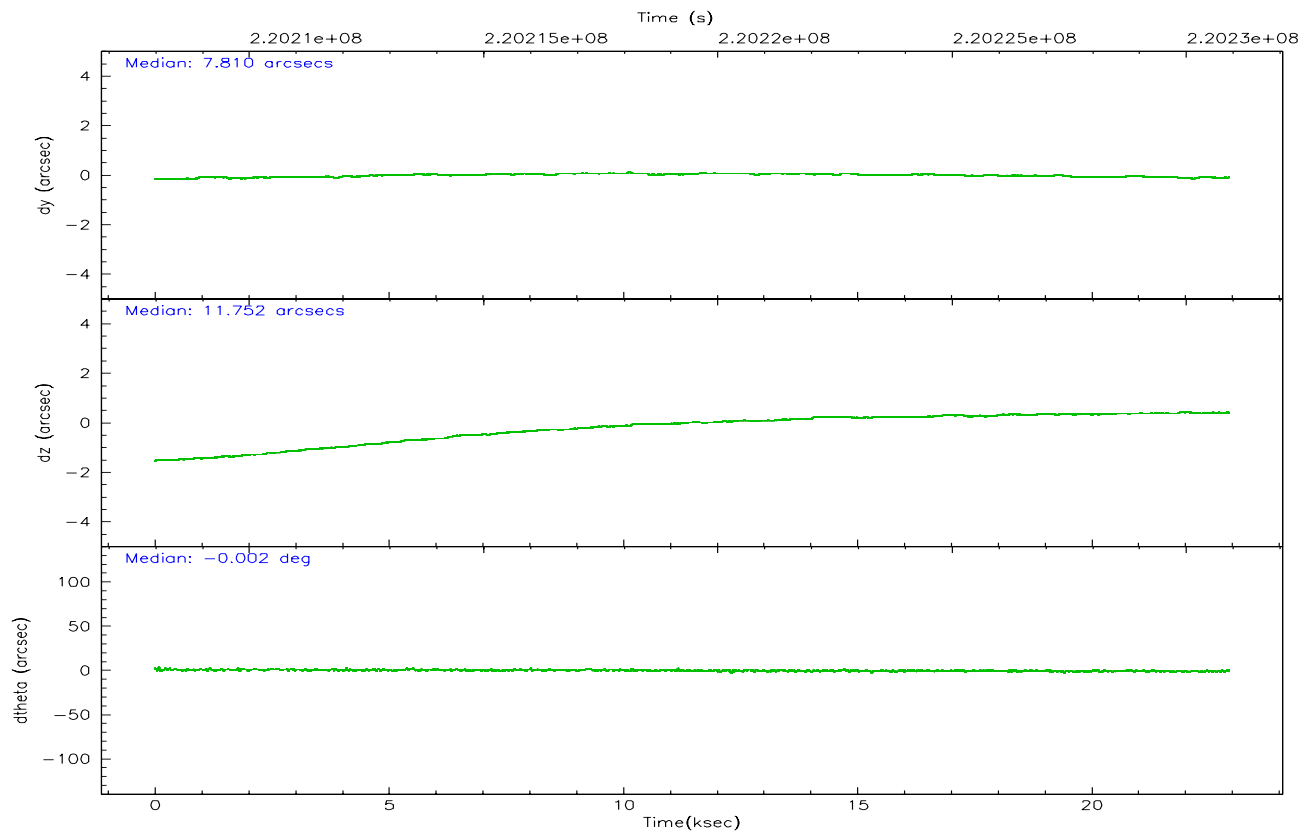
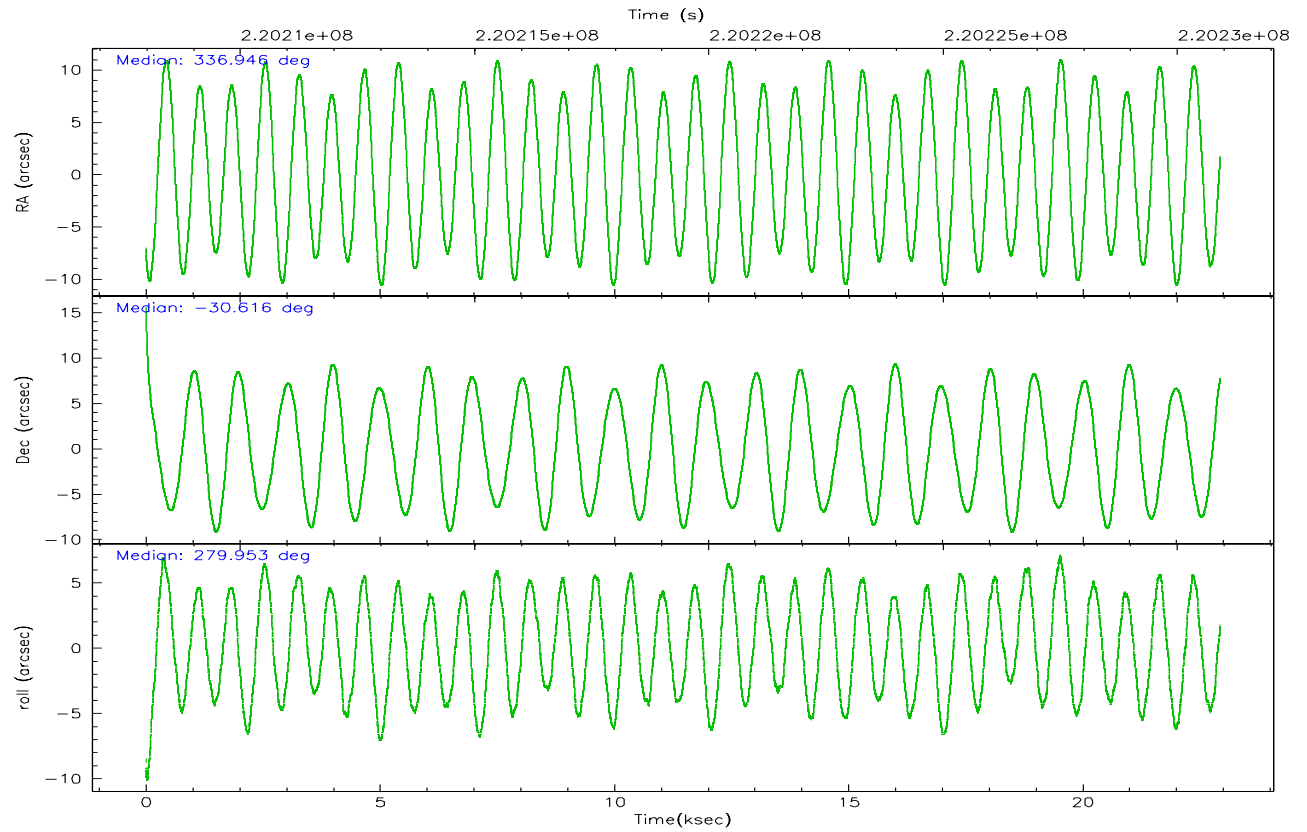
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	6586	7947	8371	27379	5990
	4%	5%	5%	15%	3%
grade 1 events	82	79	103	489	70
	0%	0%	0%	0%	0%
grade 2 events	3692	3831	3713	5259	3272
	2%	2%	2%	2%	2%
grade 3 events	1821	1901	1705	2456	1712
	1%	1%	1%	1%	1%
grade 4 events	1760	1846	1753	2315	1596
	1%	1%	1%	1%	1%
grade 5 events	5104	5578	4932	6002	5700
	3%	3%	3%	3%	3%
grade 6 events	2808	3335	2716	3275	3244
	1%	2%	1%	1%	2%
grade 7 events	122050	118134	140270	133415	133592
	84%	82%	85%	73%	86%

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	336.925473	336.9459843478769	Alternating exposures requested	N	N
Pointing Dec	-30.594735	-30.61564117245619	Primary exposure time	0.000000	3.1
Pointing Roll	279.740874	279.9600016711817			
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	220208123.184000	220207004.35466			
Observation start date	2004-12-23T16:54:19	2004-12-23T16:36:44			
Observation end time	220230915.184000	220231147.20575			
Observation end date	2004-12-23T23:14:11	2004-12-23T23:19:07			
Read mode	TIMED	TIMED			

2.3 Aspect



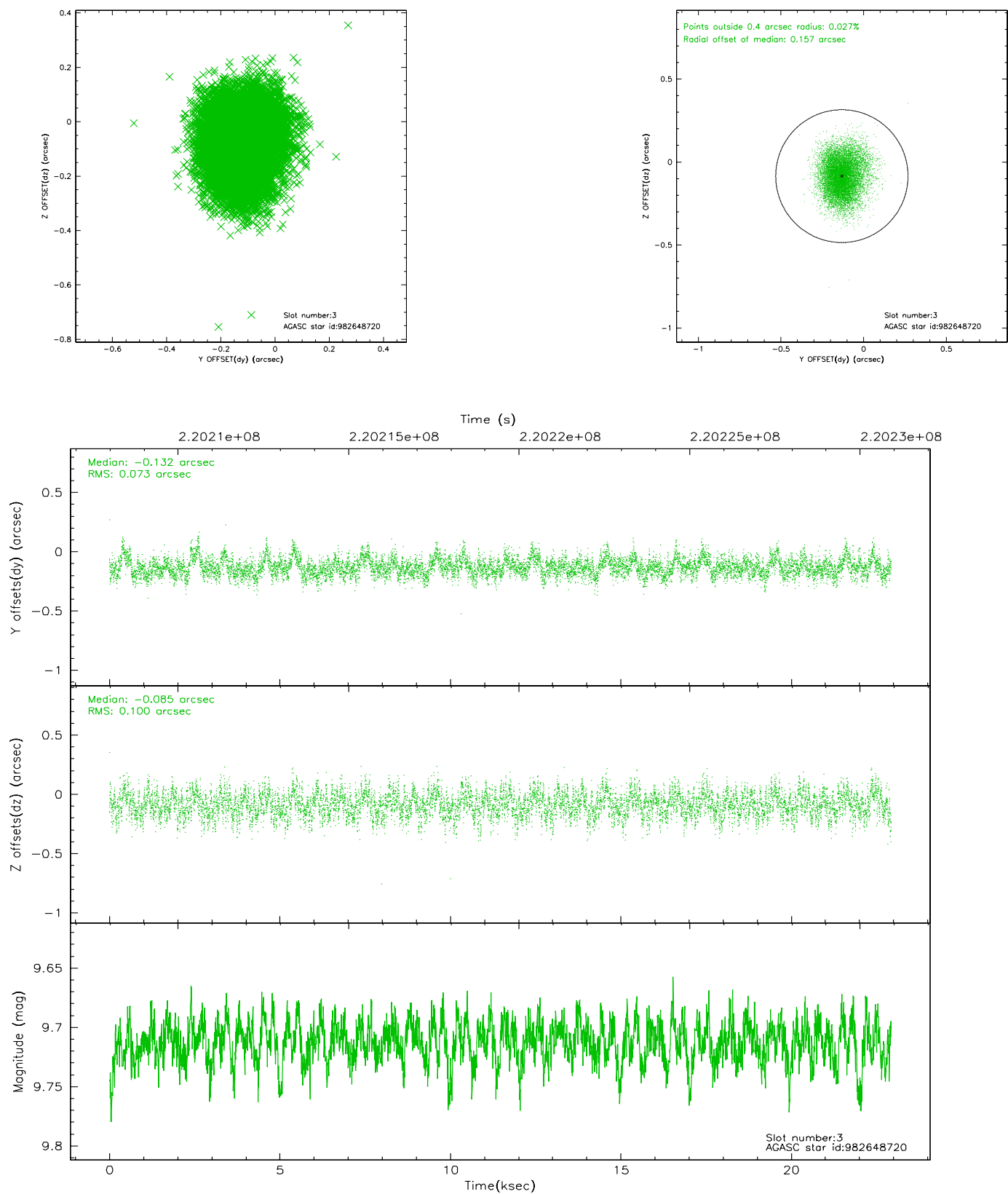


Slot Statistics

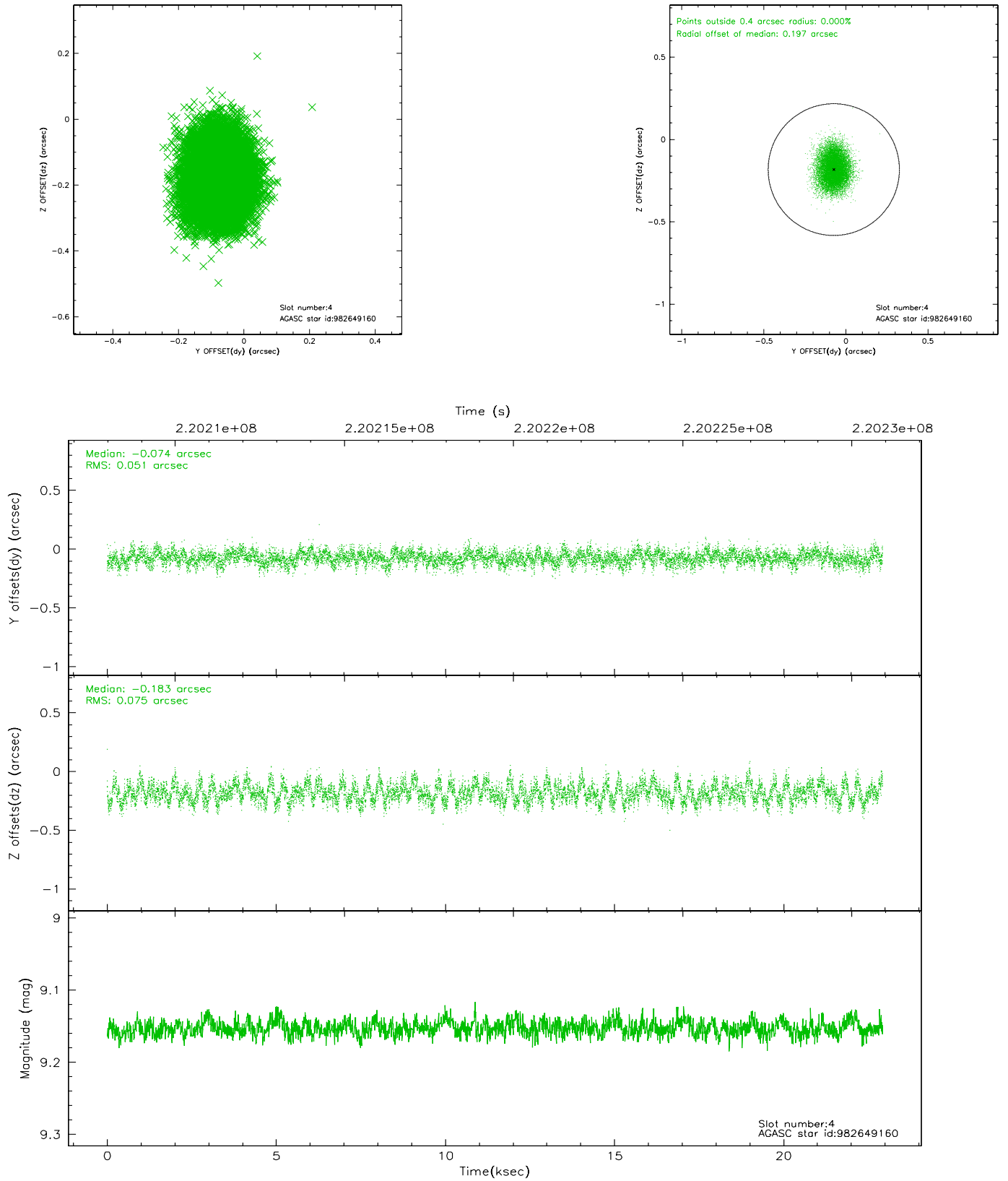
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-2	7.14	5594	-0.077	-0.070	0.014	0.025	0.000000	0.000000	-762.39	-841.47
1	FID	ACIS-I-4	7.17	5594	0.129	0.067	0.009	0.015	0.000000	0.000000	2151.81	1064.76
2	FID	ACIS-I-5	7.22	5594	-0.154	0.072	0.016	0.024	0.000000	0.000000	-1816.11	1062.79
3	GUIDE	982648720	9.71	11178	-0.132	-0.085	0.132	0.213	336.252192	-30.720827	101.69	-2131.19
4	GUIDE	982649160	9.15	11185	-0.074	-0.183	0.097	0.154	336.869379	-30.231158	-1319.25	49.06
5	GUIDE	982654064	8.66	11178	0.040	0.045	0.073	0.114	337.553377	-30.438964	-217.63	2014.88
6	GUIDE	982654128	8.05	11183	0.028	-0.005	0.058	0.092	337.038536	-31.076681	1769.46	50.51
7	GUIDE	982654144	7.76	11188	0.136	0.226	0.067	0.106	337.754433	-31.025688	1971.70	2257.18

2.4 Star Slots

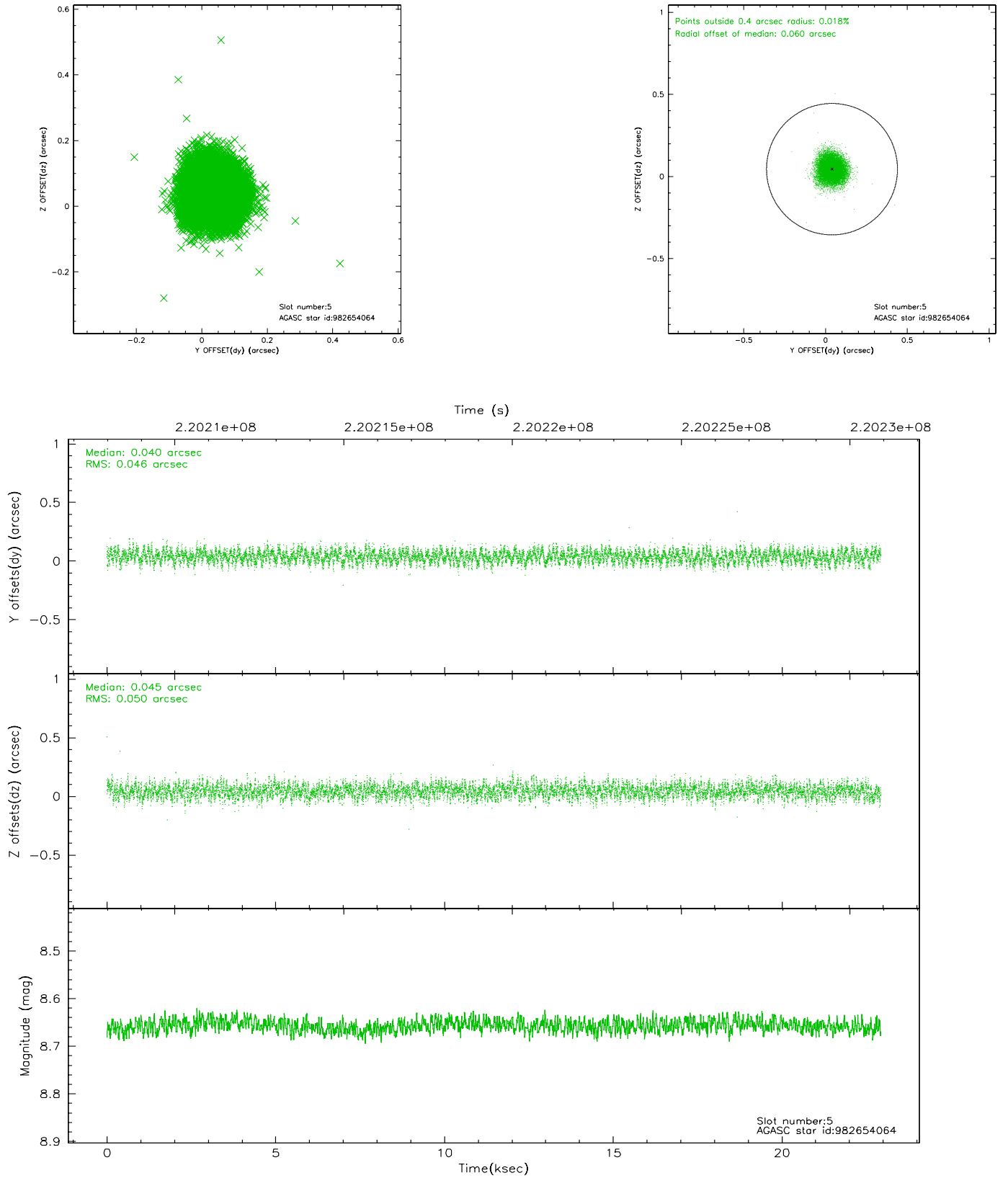
2.4.1 Slot 3



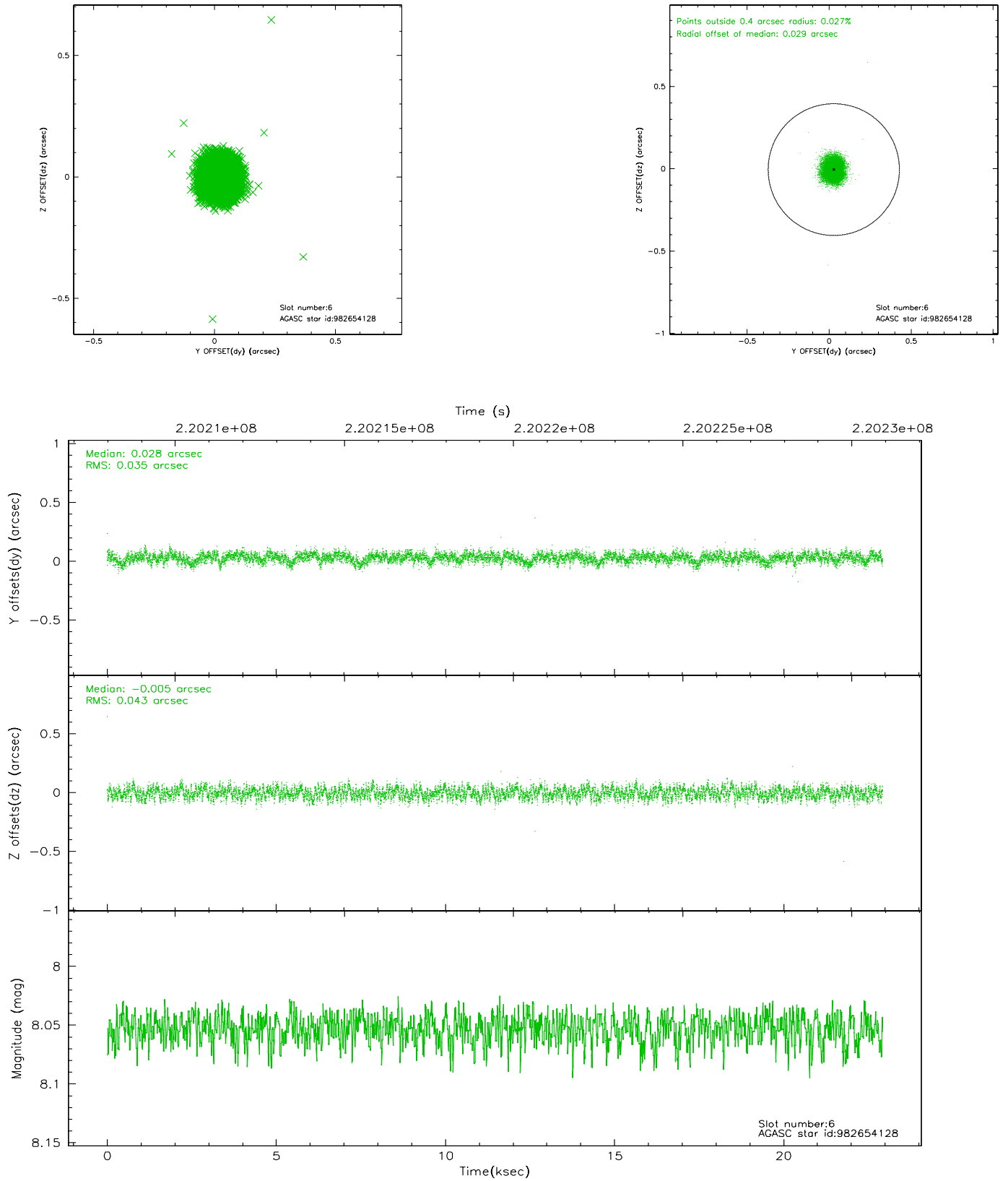
2.4.2 Slot 4



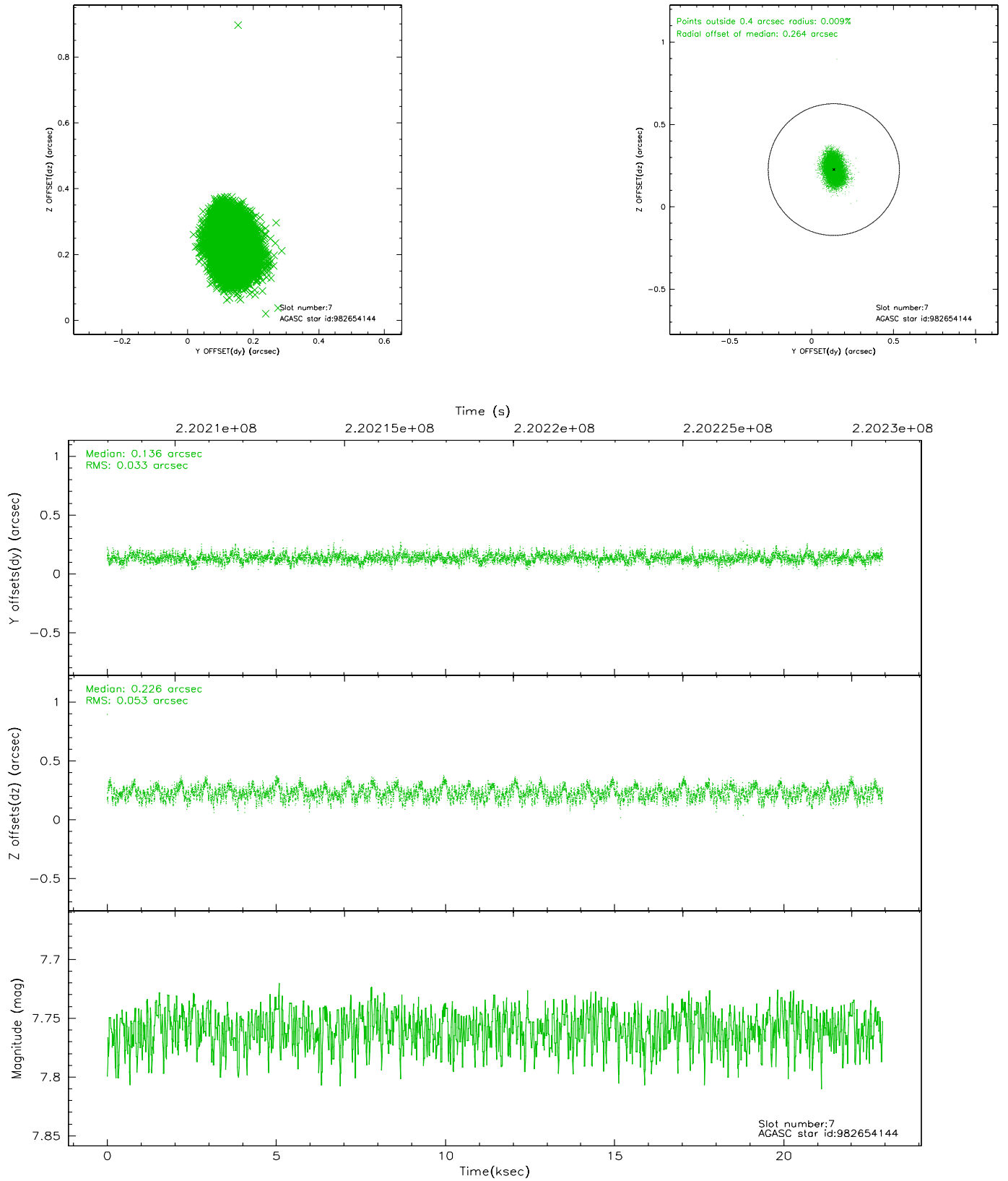
2.4.3 Slot 5



2.4.4 Slot 6

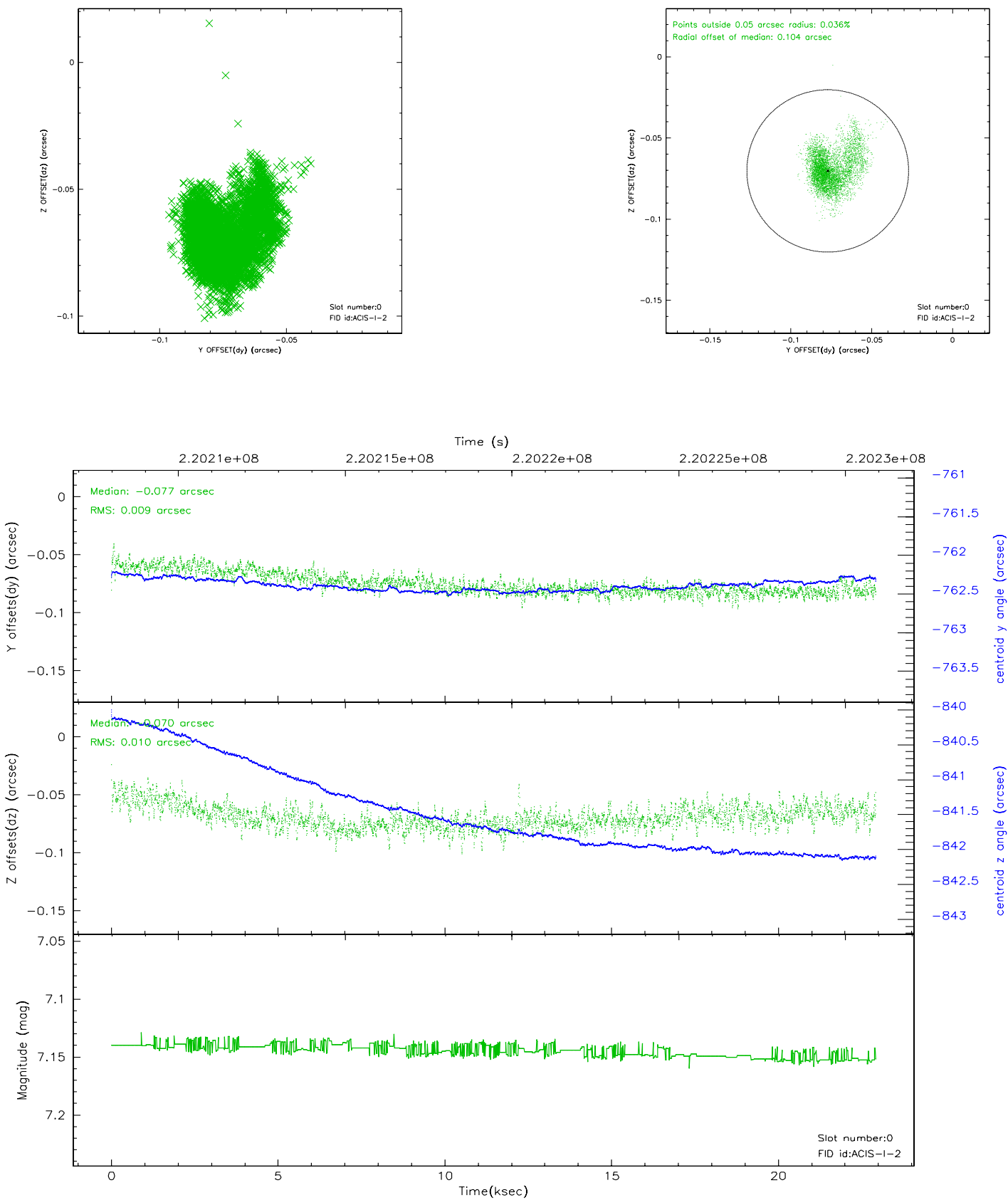


2.4.5 Slot 7

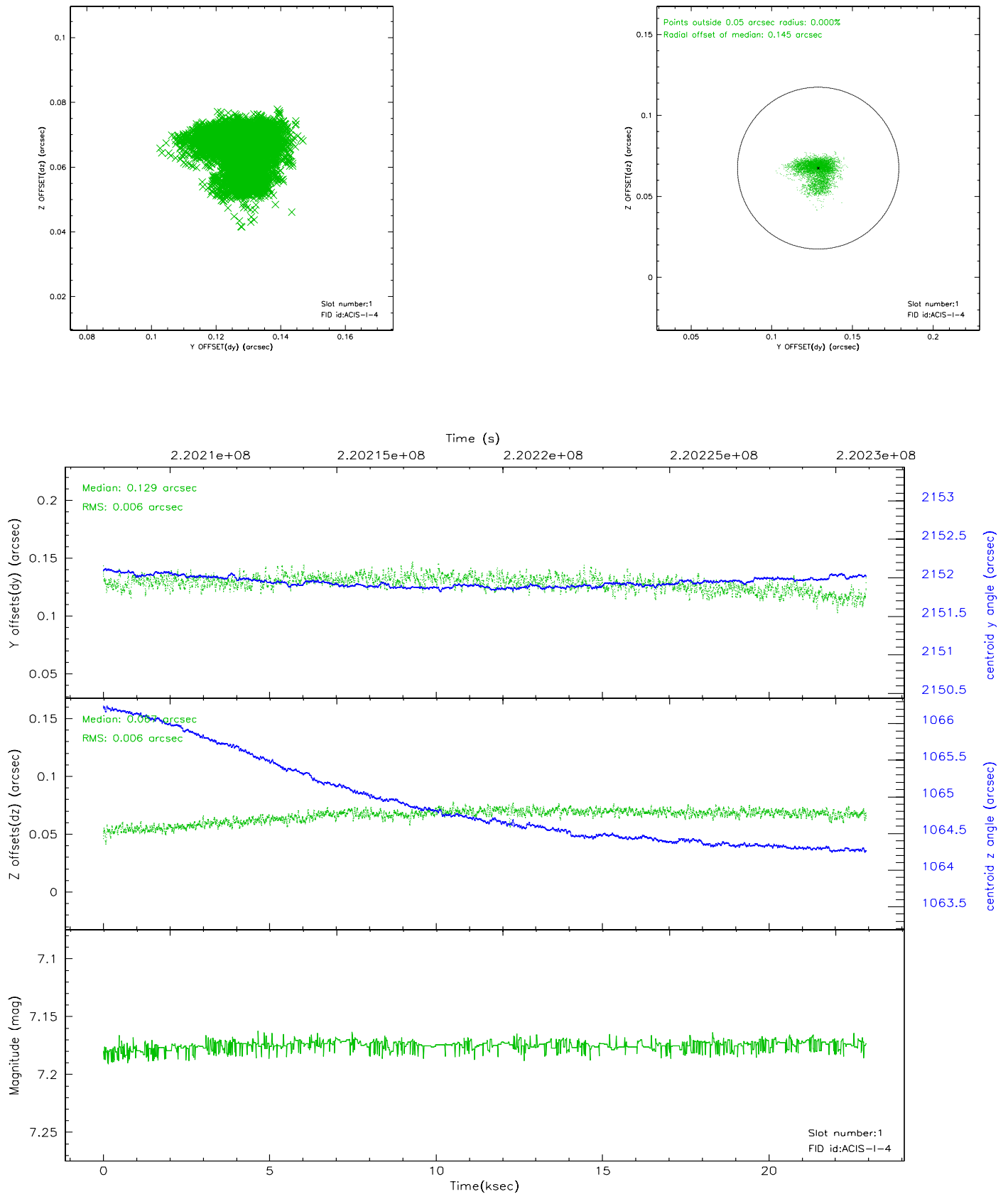


2.5 FID Slots

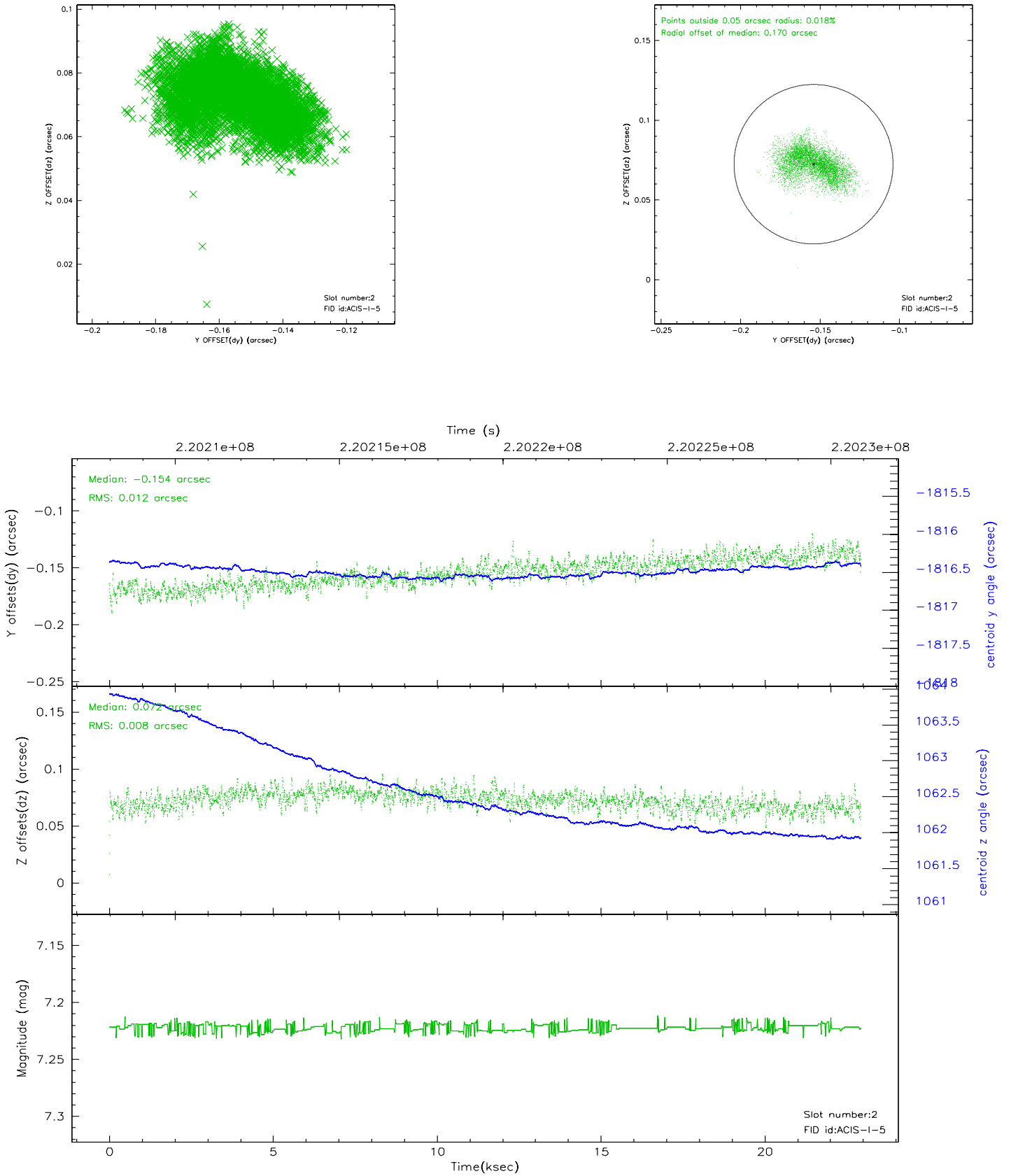
2.5.1 Slot 0



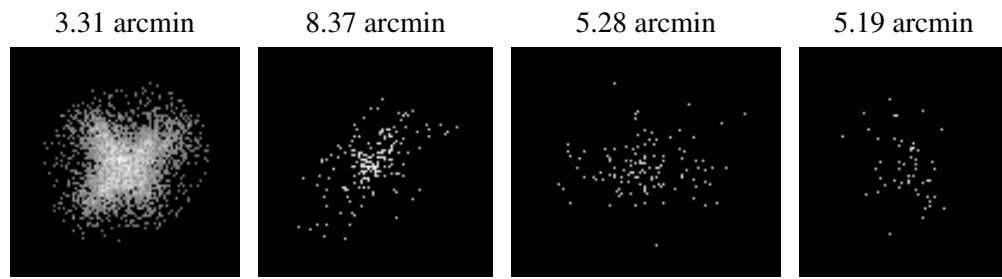
2.5.2 Slot 1



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	22.56489

A.2 Comments