

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 3267 - L2 Version 001
Chandra X-Ray Center

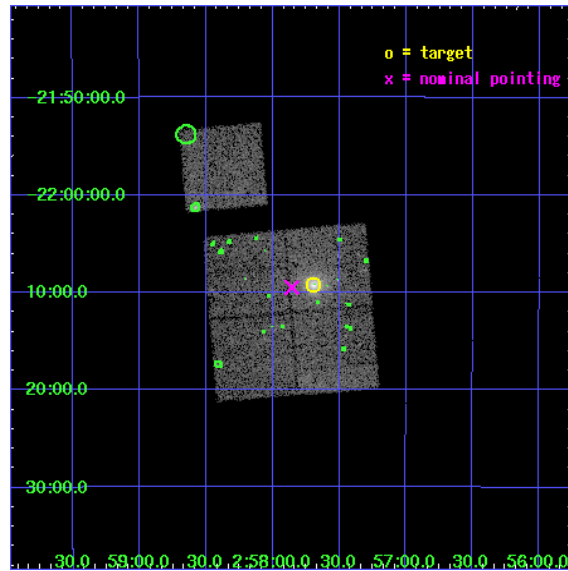
L2 Processing Date : Jan 12 2007

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1 Front

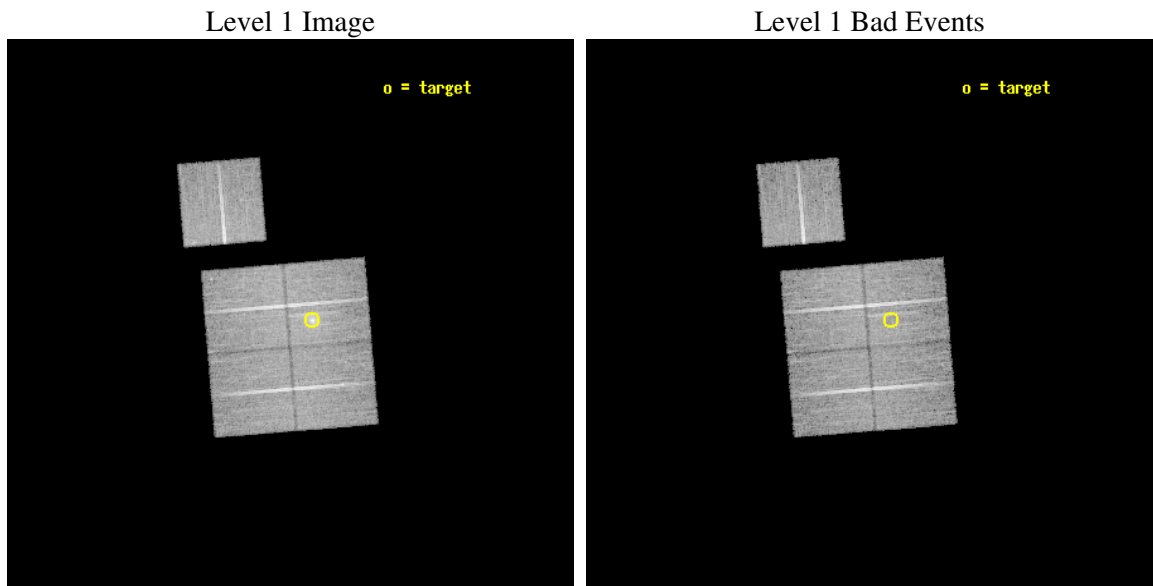
seq_num	800267
obs_id	3267
title	MACS: THE X-RAY PROPERTIES OF THE MOST MASSIVE GALAXY CLUSTERS AT $Z>0.3$
observer	Dr Harald Ebeling
object	MACSJ0257.6-2209
dtcycle	0
cycle	P
ra_targ	44.42375
dec_targ	-22.15333
ra_nom	44.464097571727
dec_nom	-22.158358296418
roll_nom	355.28815622423
revision	2
ontime	20738.958969951
livetime	20467.989203209
ontime0	20738.958989874
ontime1	20738.958989859
ontime2	20735.818009689
ontime3	20738.958969951
ontime6	20738.958959952
l2events	55037



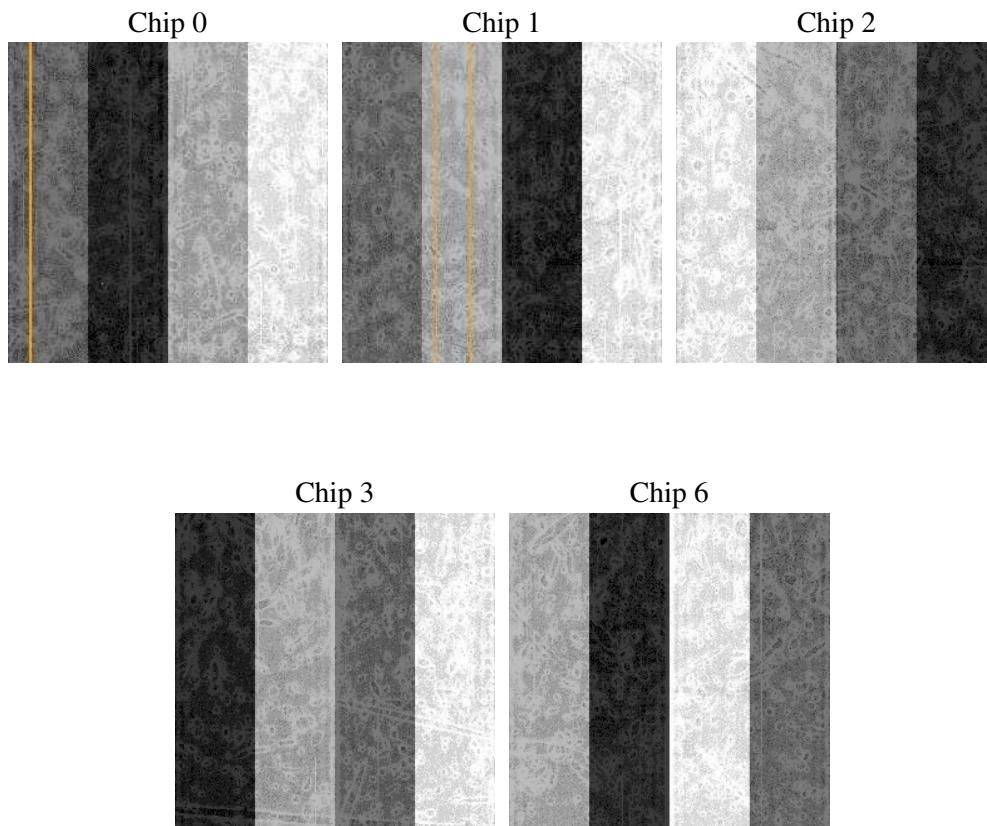
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.10
caldsver	3.3.0
date	2007-01-12T07:12:34
revision	2

sched_exp_time	20598.456000
ontime	20738.958969951
ontime0	20738.958989874
ontime1	20738.958989859
ontime2	20735.818009689
ontime3	20738.958969951
ontime6	20738.958959952
l1events	597013

2.1.4 Events

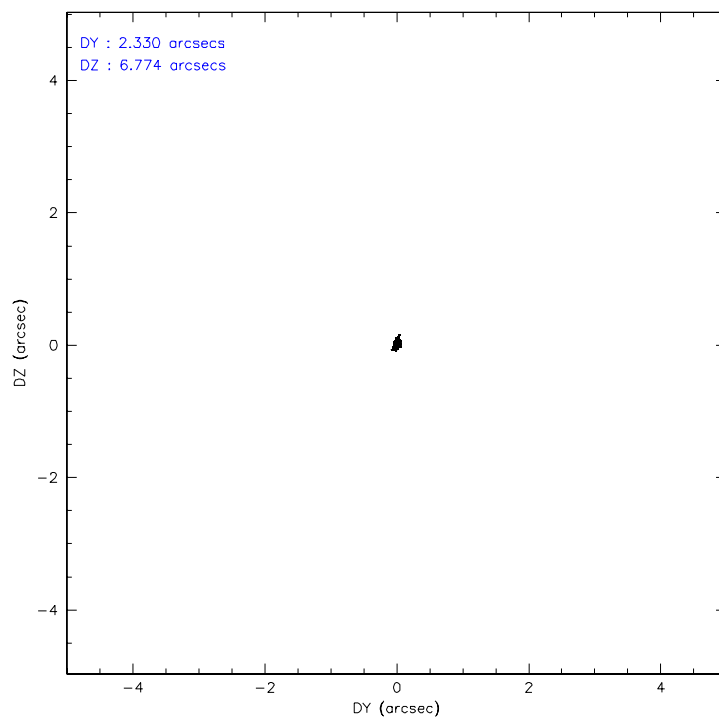
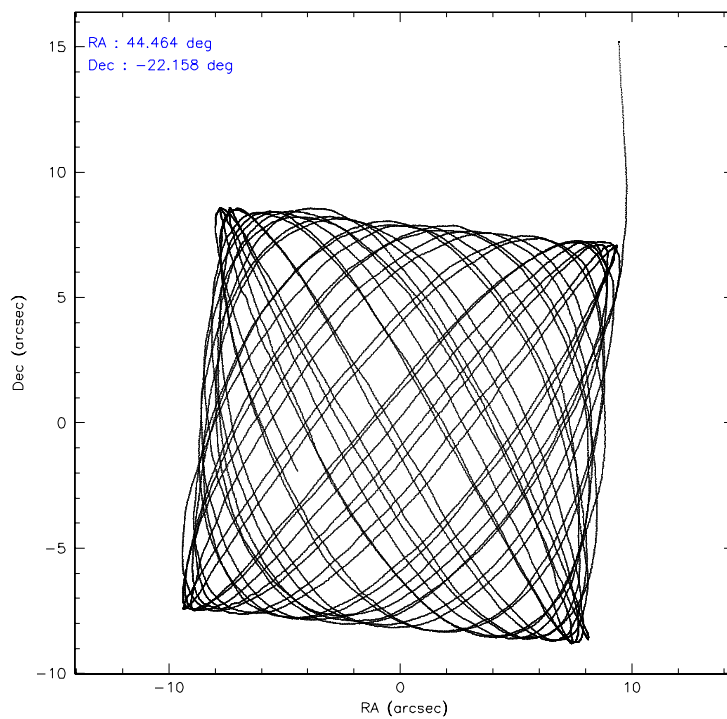
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	111788	113949	123956	128763	118557
rejected events	100676	101215	112333	110771	106738
rejected %	90%	88%	90%	86%	90%

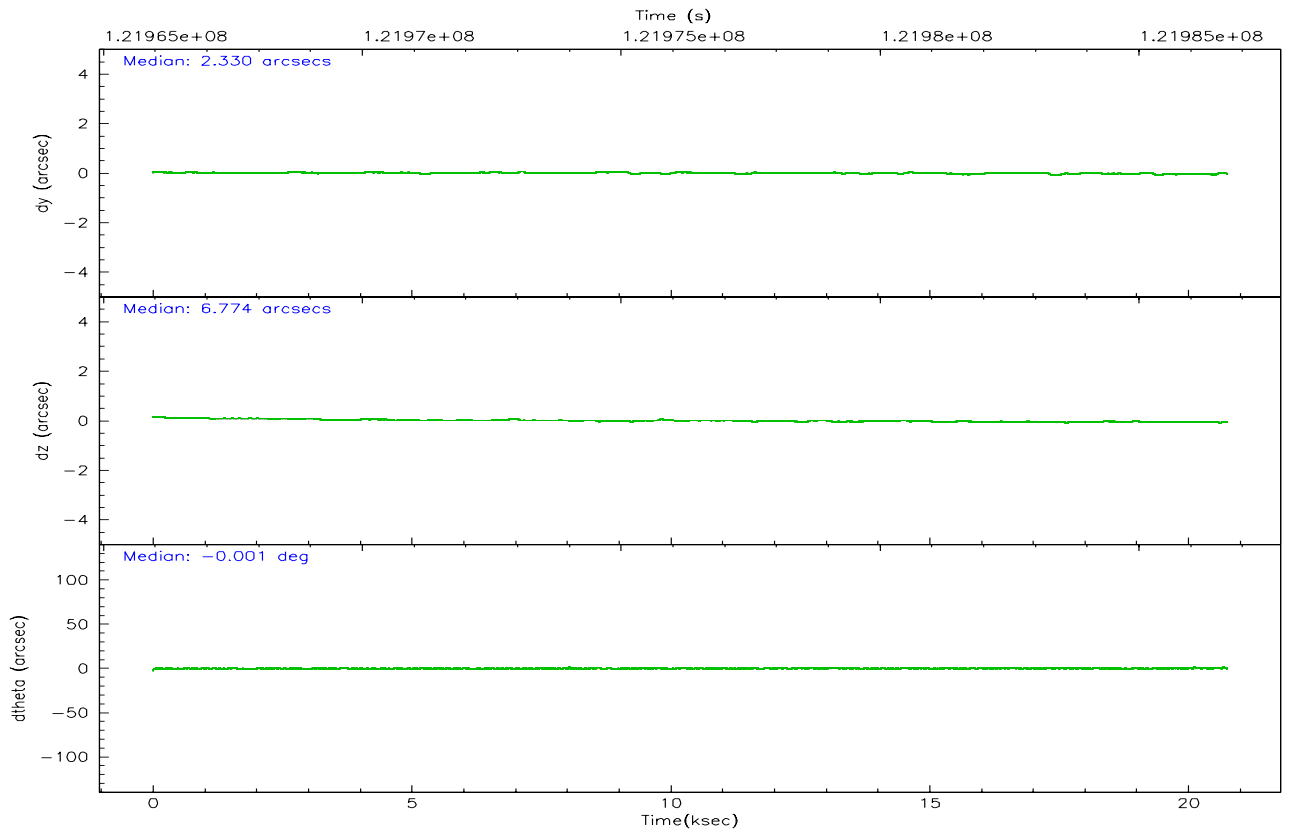
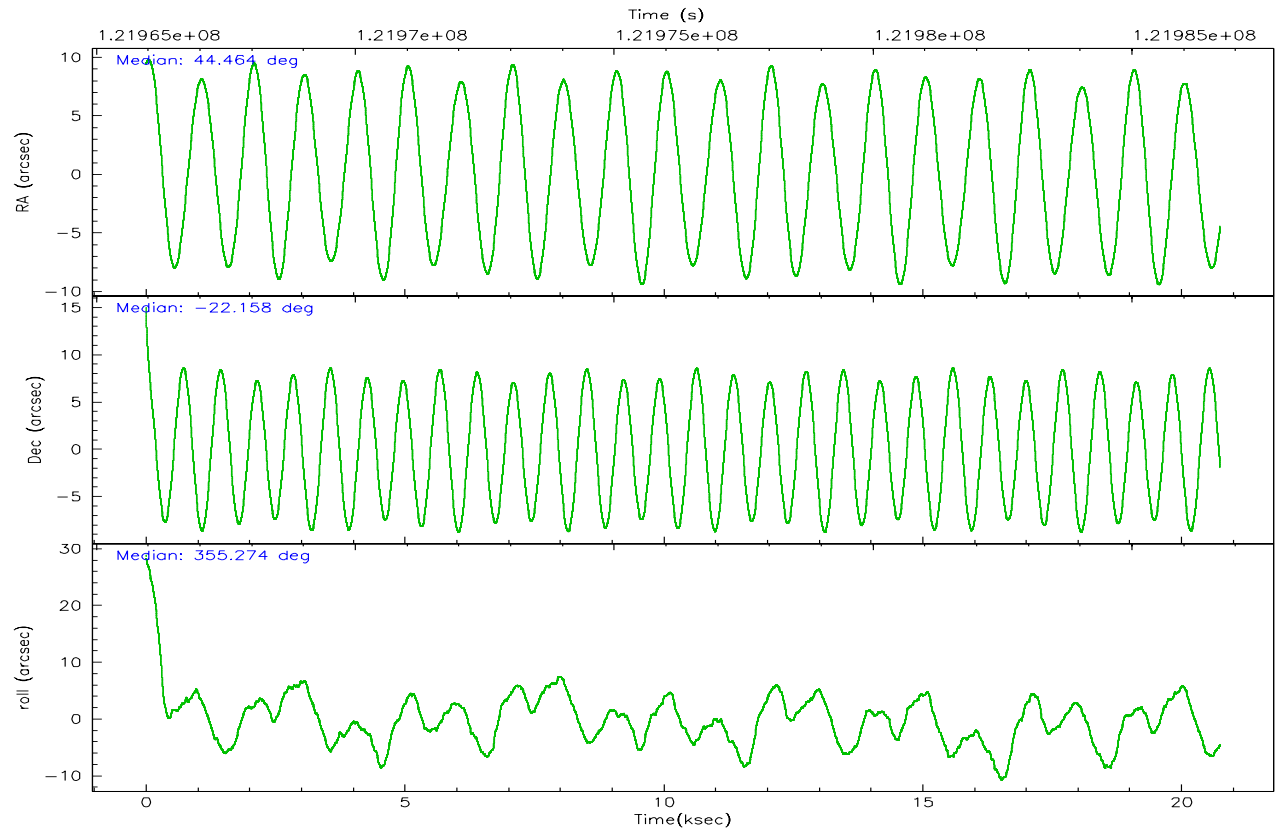
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	4268	5340	4863	10413	4844
	3%	4%	3%	8%	4%
grade 1 events	51	49	46	78	56
	0%	0%	0%	0%	0%
grade 2 events	2755	2864	2882	3190	2502
	2%	2%	2%	2%	2%
grade 3 events	1457	1479	1265	1421	1418
	1%	1%	1%	1%	1%
grade 4 events	1261	1482	1277	1436	1427
	1%	1%	1%	1%	1%
grade 5 events	3864	4229	3710	4064	4348
	3%	3%	2%	3%	3%
grade 6 events	2281	2588	2184	2469	2547
	2%	2%	1%	1%	2%
grade 7 events	95851	95918	107729	105692	101415
	85%	84%	86%	82%	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	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	44.437357	44.46409757172685	Subarray requested	NONE	NONE
Pointing Dec	-22.170140	-22.15835829641778	Alternating exposures requested	N	N
Pointing Roll	355.069379	355.2881562242309	Primary exposure time	0.000000	3.1
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-227.742463	-227.734108438797			
SIM translation stage offset (mm)	-5.85	-5.858344564132665			
Observation start time	121966108.184000	121964279.25354			
Observation start date	2001-11-12T15:27:24	2001-11-12T14:57:59			
Observation end time	121986706.184000	121987020.41695			
Observation end date	2001-11-12T21:10:42	2001-11-12T21:17:00			
Read mode	TIMED	TIMED			

2.3 Aspect



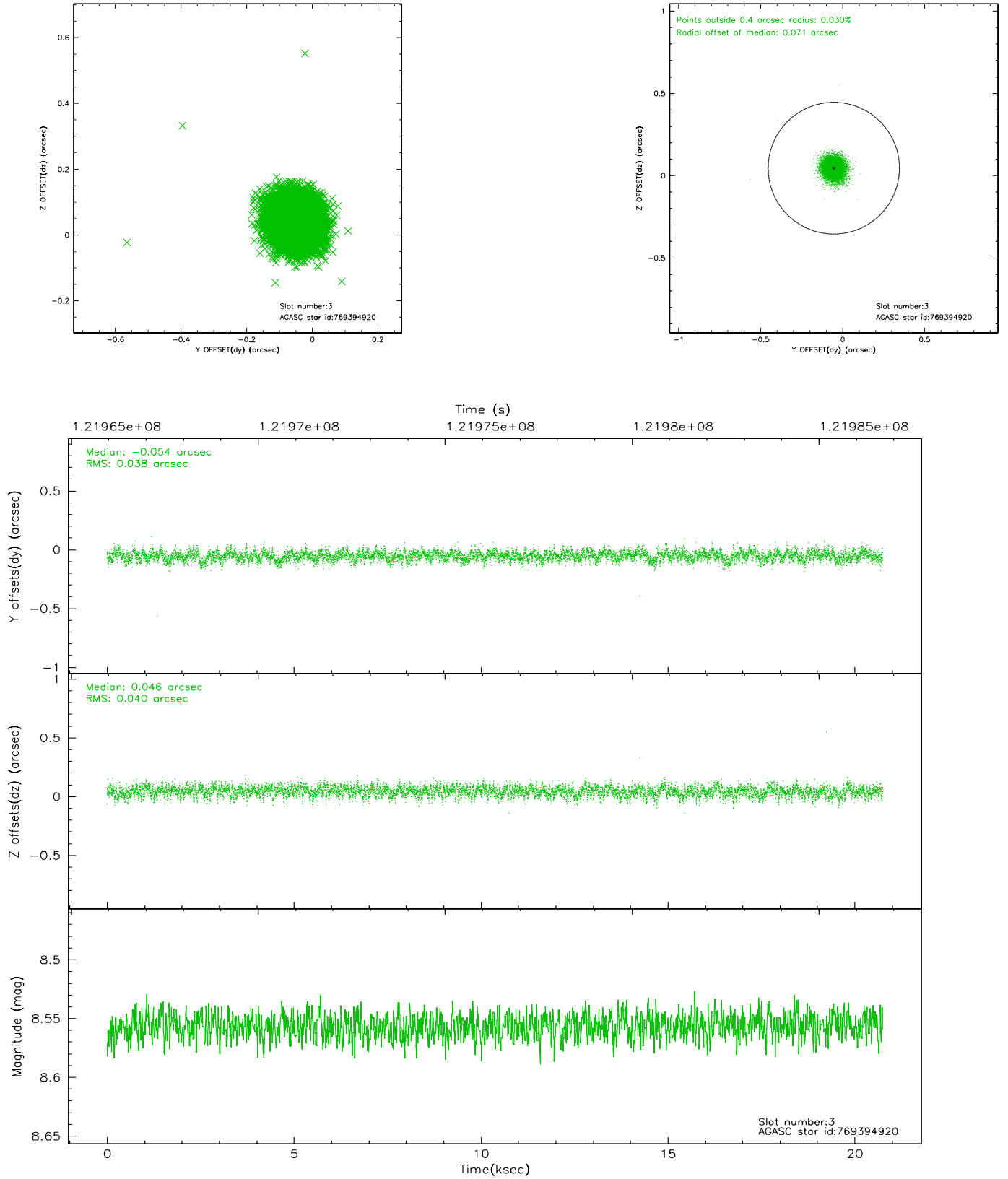


Slot Statistics

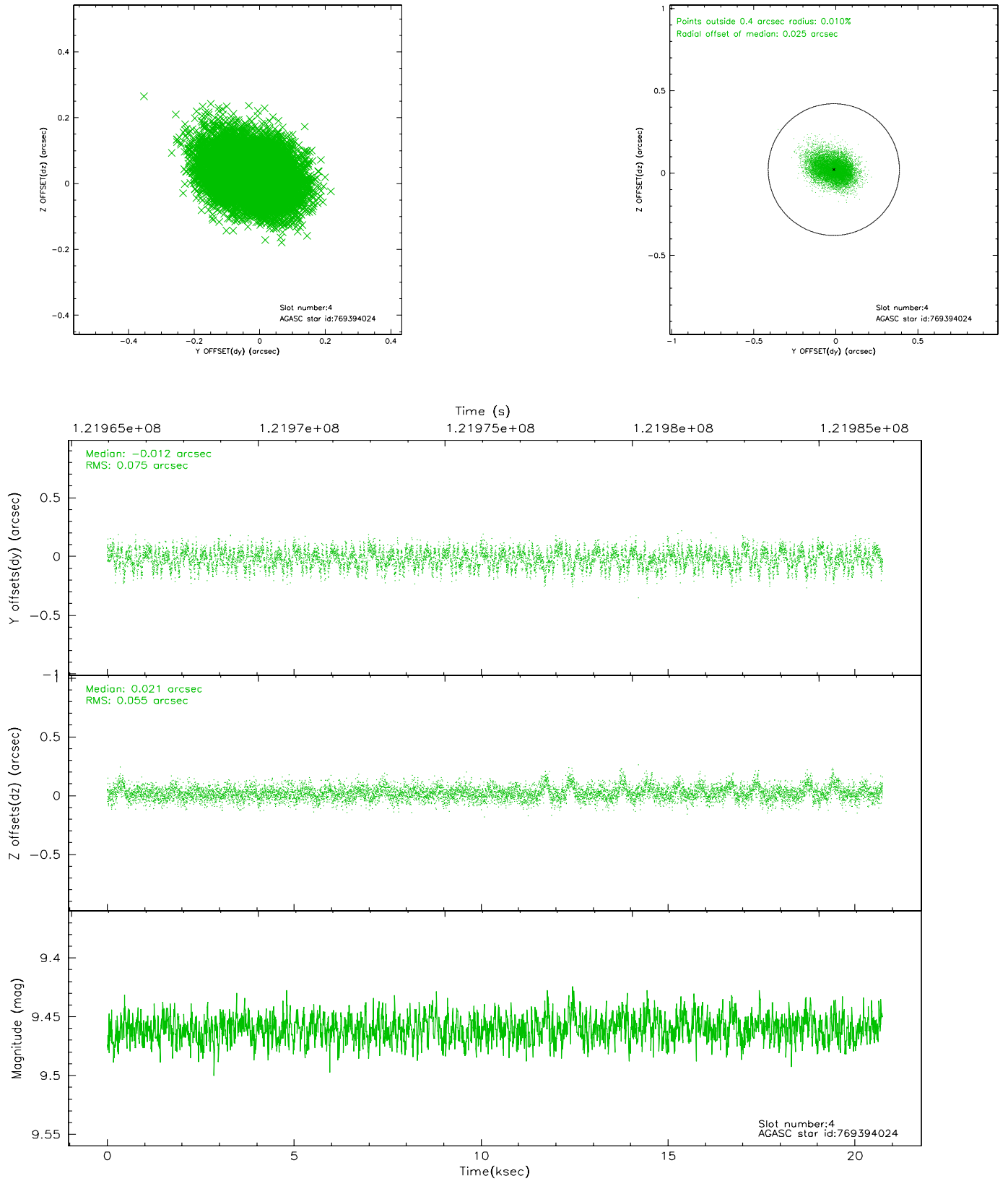
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	5060	0.033	0.027	0.006	0.010	0.000000	0.000000	937.39	-950.40
1	FID	ACIS-I-5	7.23	5060	-0.082	0.083	0.007	0.012	0.000000	0.000000	-1810.70	947.09
2	FID	ACIS-I-6	7.25	5061	-0.043	-0.039	0.008	0.013	0.000000	0.000000	402.71	1591.63
3	GUIDE	769394920	8.56	10122	-0.054	0.046	0.058	0.095	44.157887	-22.310099	-882.84	-582.87
4	GUIDE	769394024	9.46	10122	-0.012	0.021	0.099	0.161	43.995957	-21.614914	-1643.26	1861.81
5	GUIDE	843711168	9.95	10115	-0.013	0.061	0.115	0.191	44.260720	-22.702367	-418.73	-1959.61
6	GUIDE	769399776	9.49	10114	0.027	-0.117	0.091	0.145	44.301664	-22.091375	-474.66	242.92
7	GUIDE	843711696	8.66	10116	0.055	-0.009	0.069	0.111	44.382866	-22.537728	-65.71	-1334.08

2.4 Star Slots

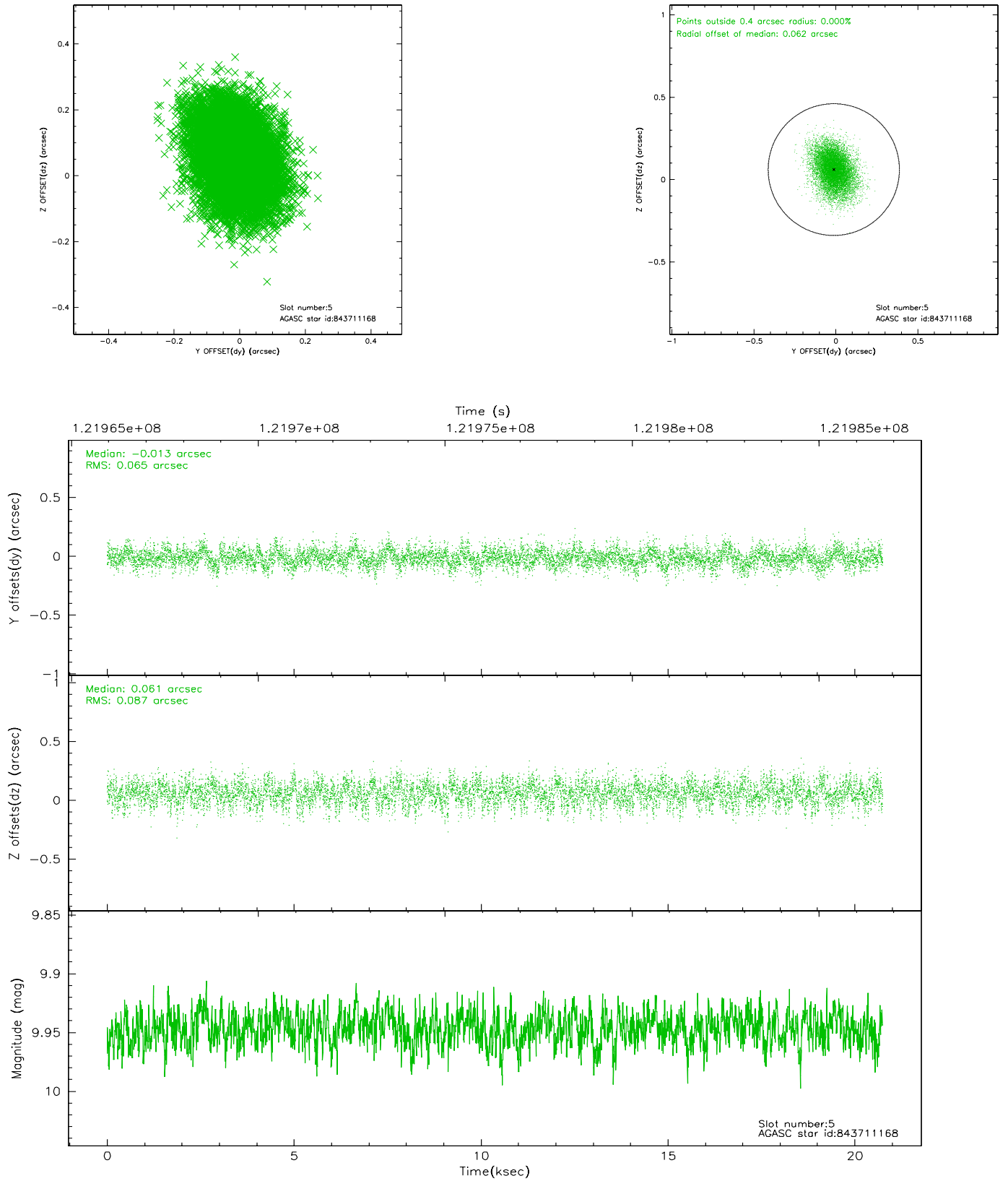
2.4.1 Slot 3



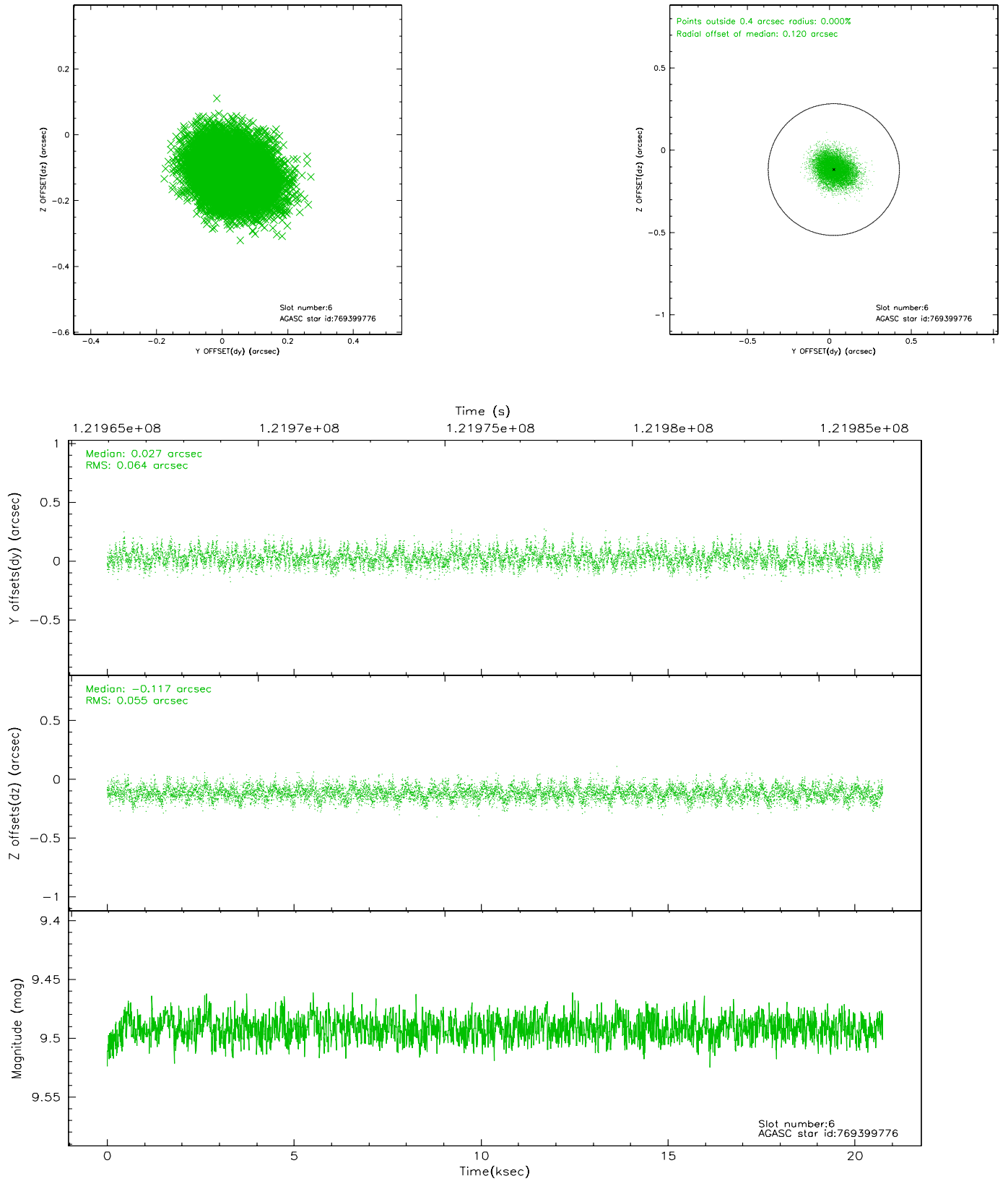
2.4.2 Slot 4



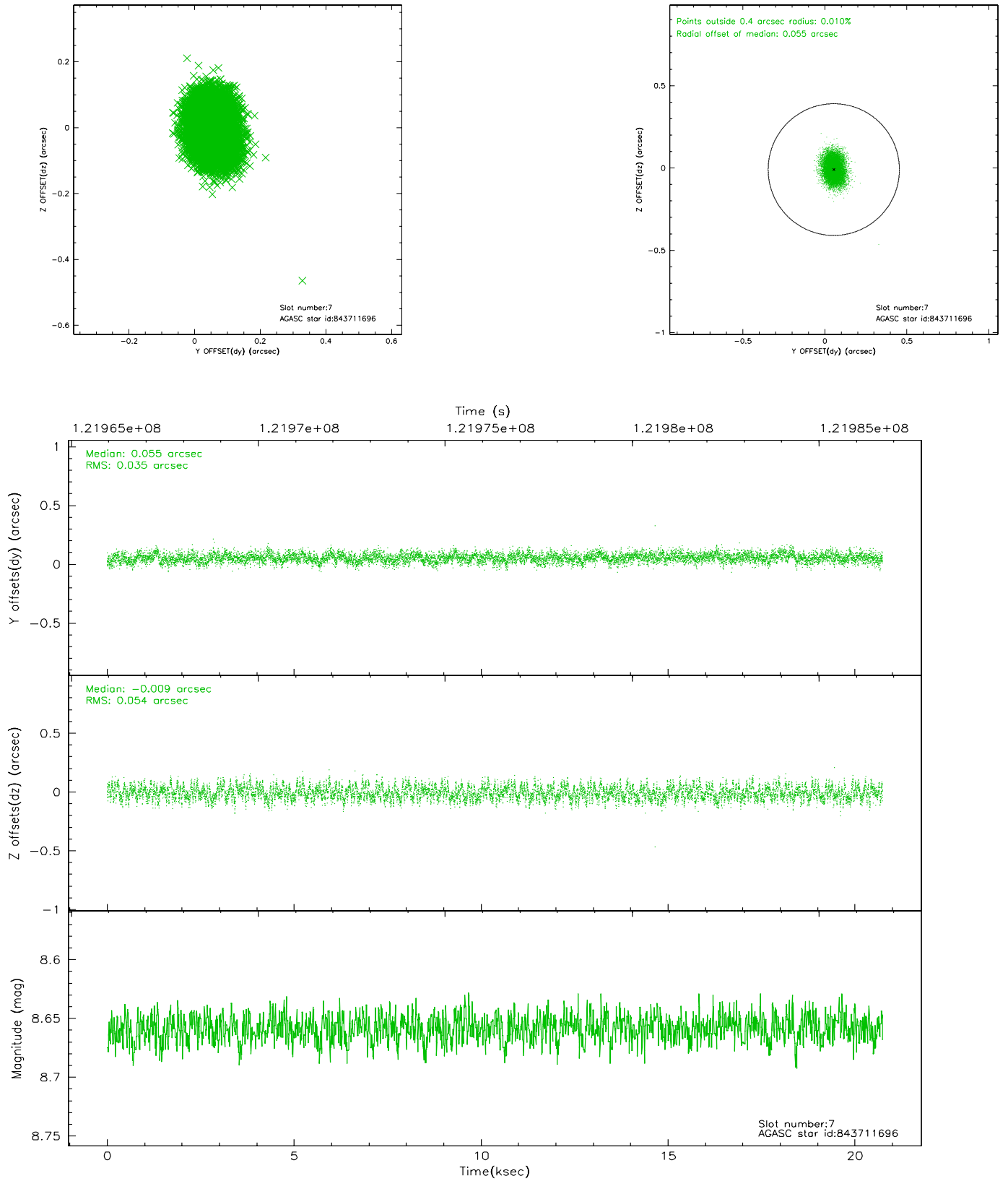
2.4.3 Slot 5



2.4.4 Slot 6

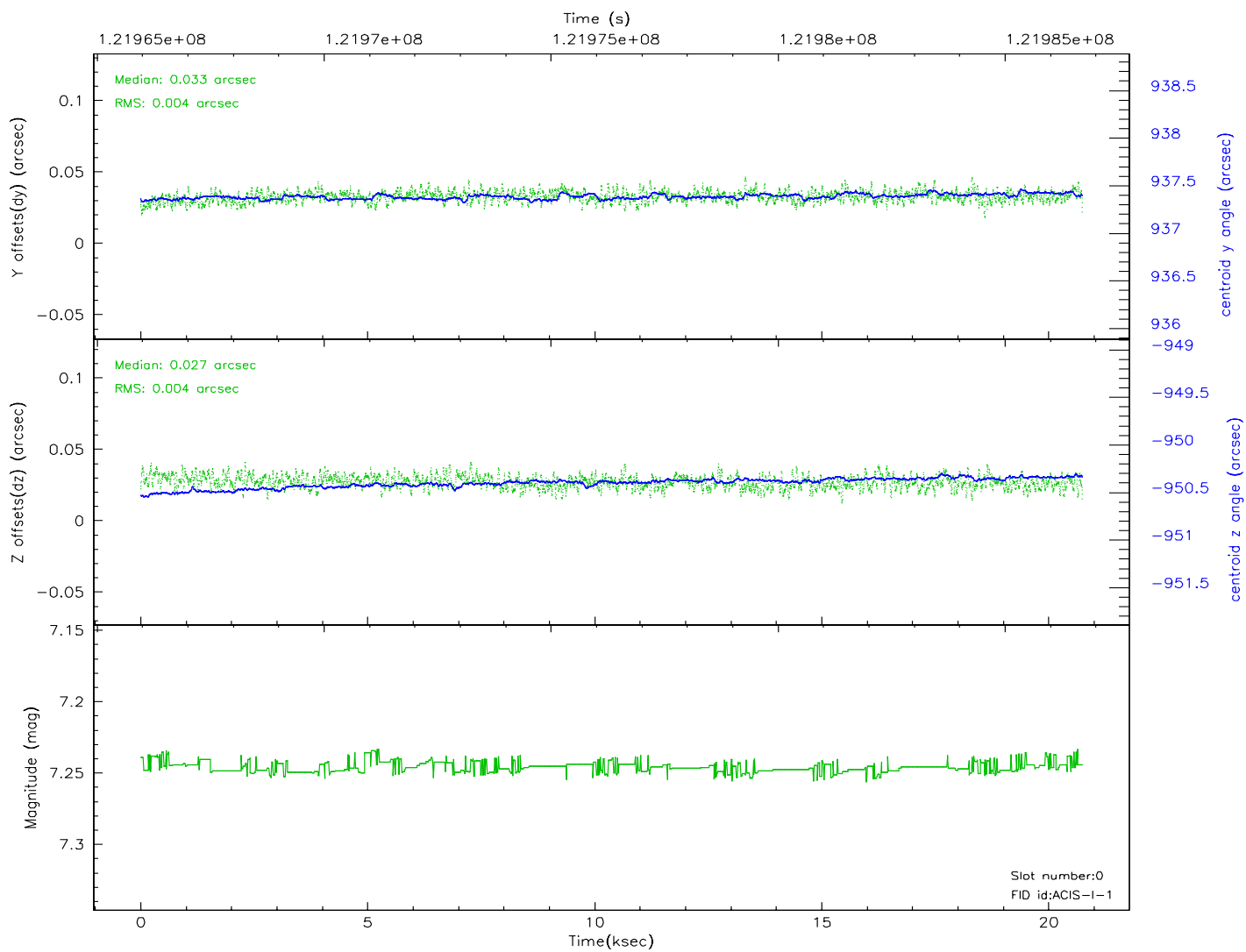
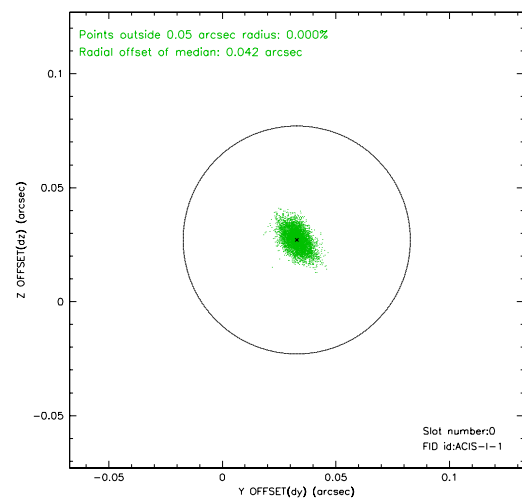
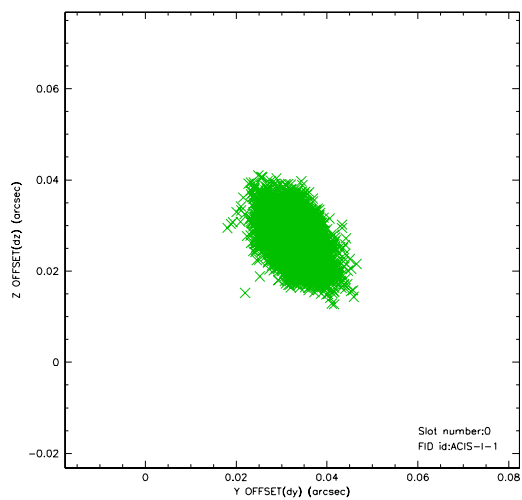


2.4.5 Slot 7

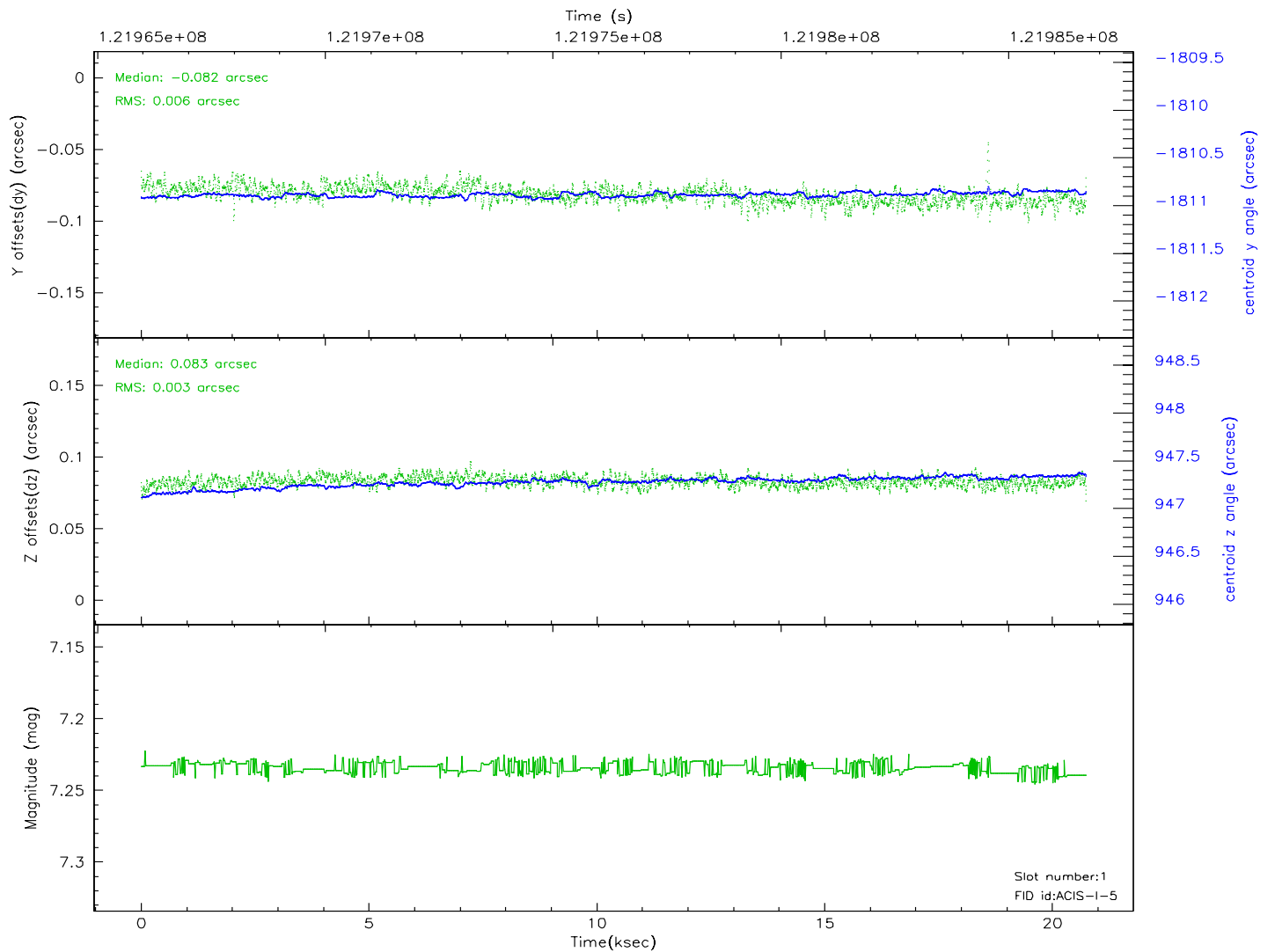
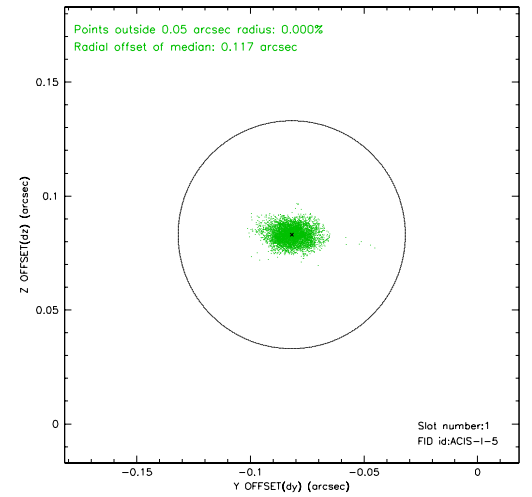
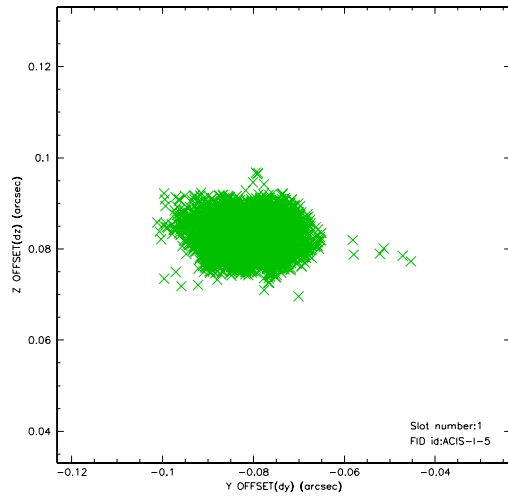


2.5 FID Slots

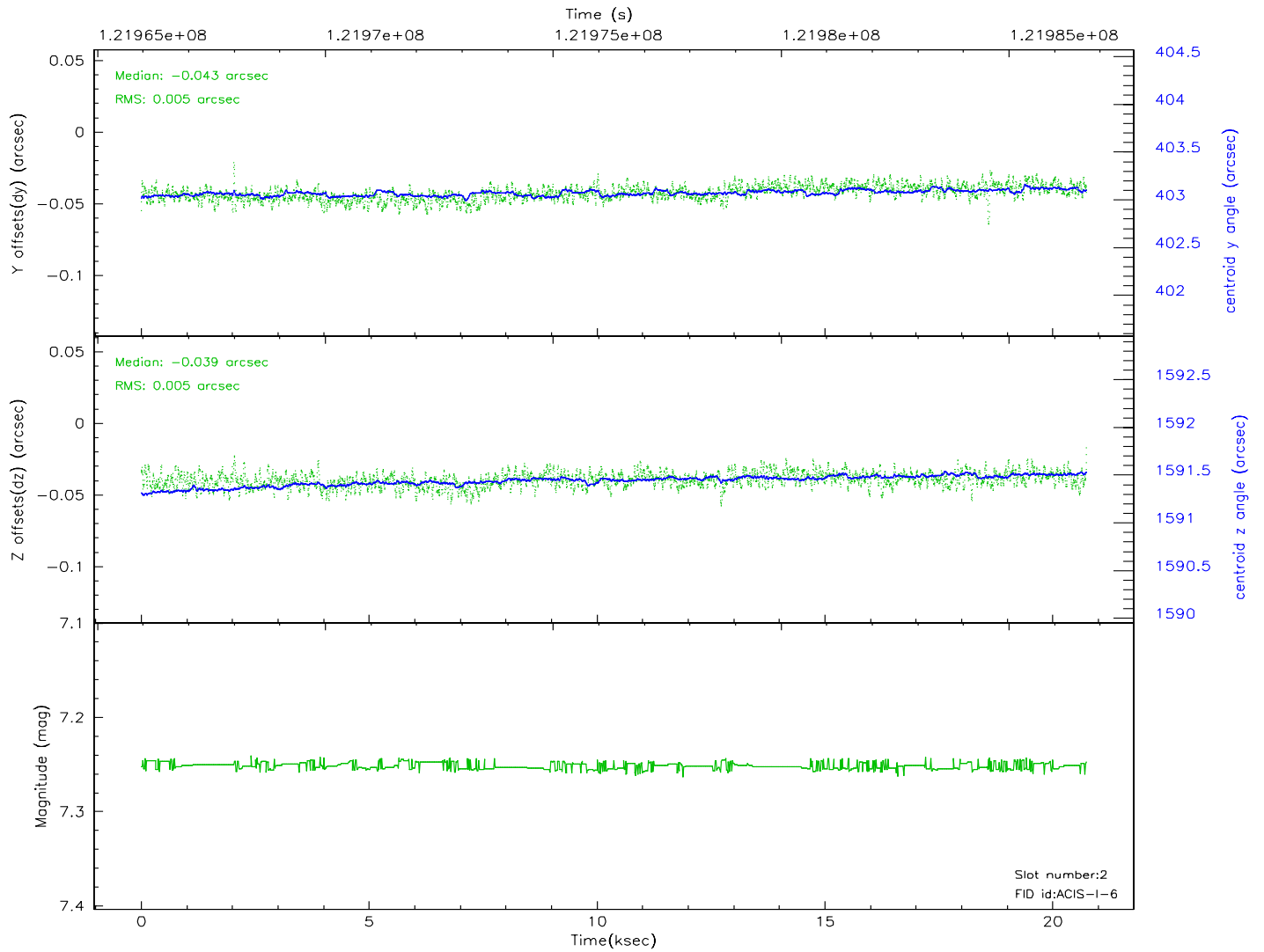
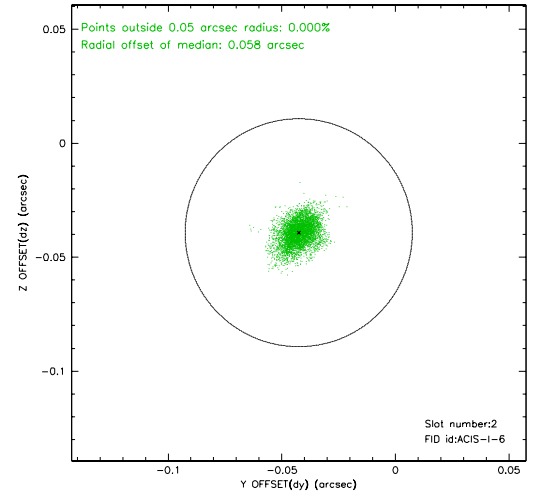
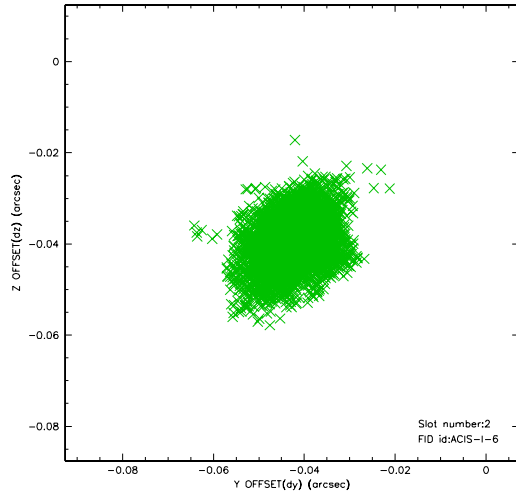
2.5.1 Slot 0



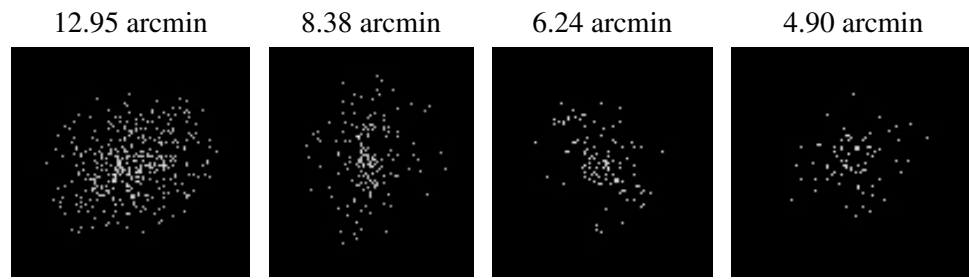
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2007.01.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	20.738

A.2 Comments