

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 1654 - L2 Version 001
Chandra X-Ray Center

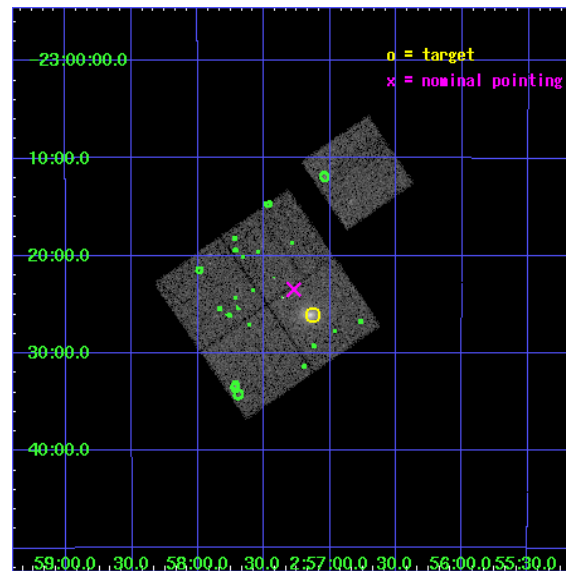
L2 Processing Date : Jun 9 2007

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1 Front

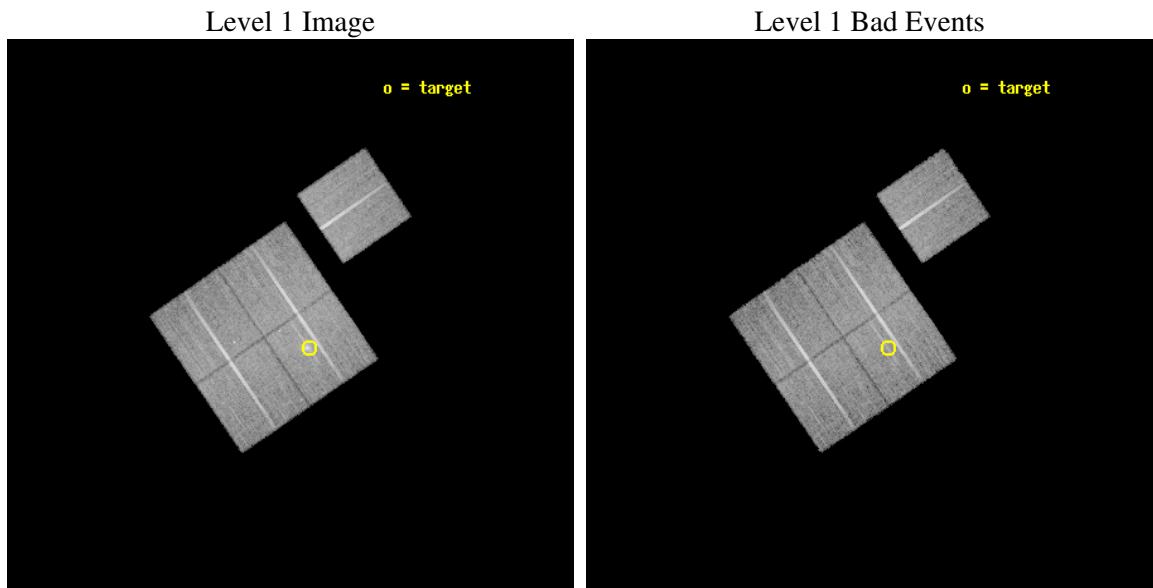
seq_num	800122
obs_id	1654
title	DETERMINATION OF H0 AND Q0, 2000 PART 2
observer	DR. LEON VANSPEYBROECK
object	MACS J0257.1-2325
dtcycle	0
cycle	P
ra_targ	44.282917
dec_targ	-23.435
ra_nom	44.318361895385
dec_nom	-23.39129425996
roll_nom	55.534003119298
revision	2
ontime	20109.699961334
livetime	19846.951926794
ontime0	20109.699961334
ontime1	20106.558971167
ontime2	20109.699961334
ontime3	20109.699961334
ontime6	20109.699961334
l2events	65570



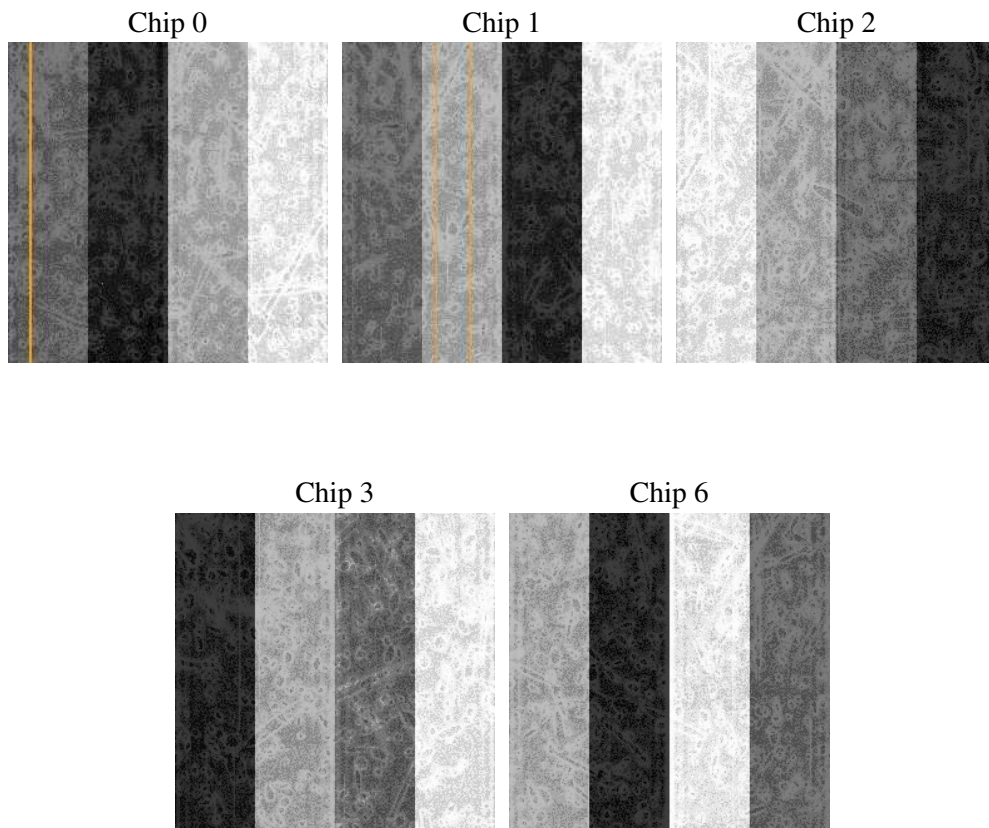
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.10
caldsver	3.4.0
date	2007-06-09T16:50:35
revision	2

sched_exp_time	20000.000000
ontime	20109.699961334
ontime0	20109.699961334
ontime1	20106.558971167
ontime2	20109.699961334
ontime3	20109.699961334
ontime6	20109.699961334
l1events	612374

2.1.4 Events

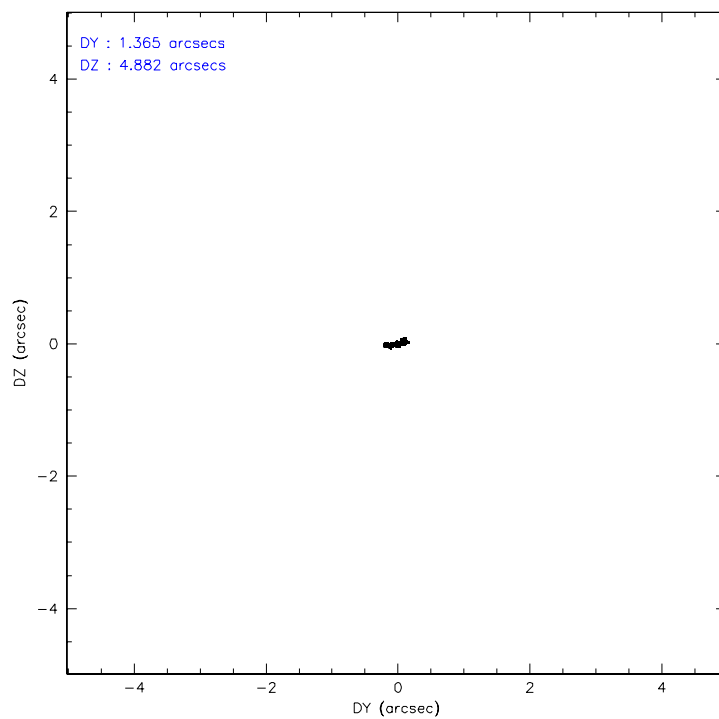
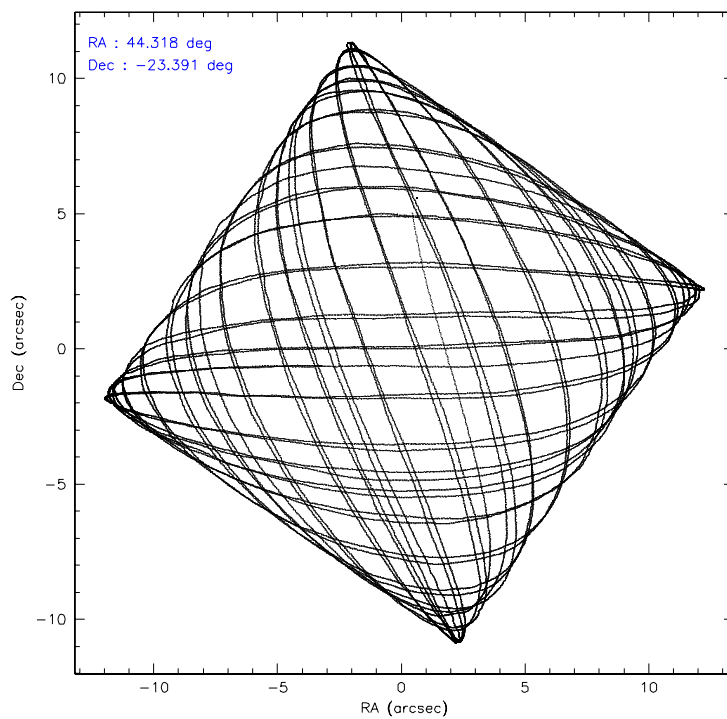
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	114197	114574	126979	132407	124217
rejected events	99696	99609	113134	113335	110639
rejected %	87%	86%	89%	85%	89%

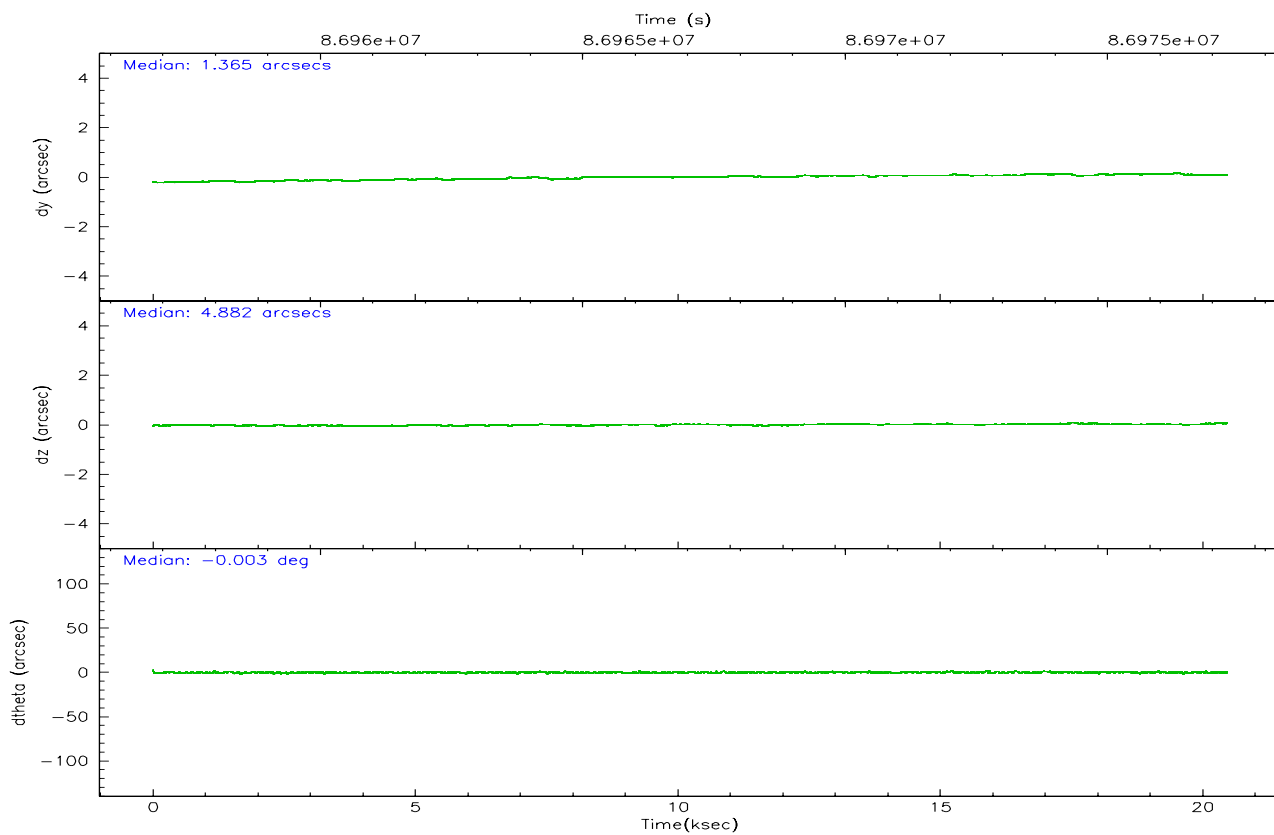
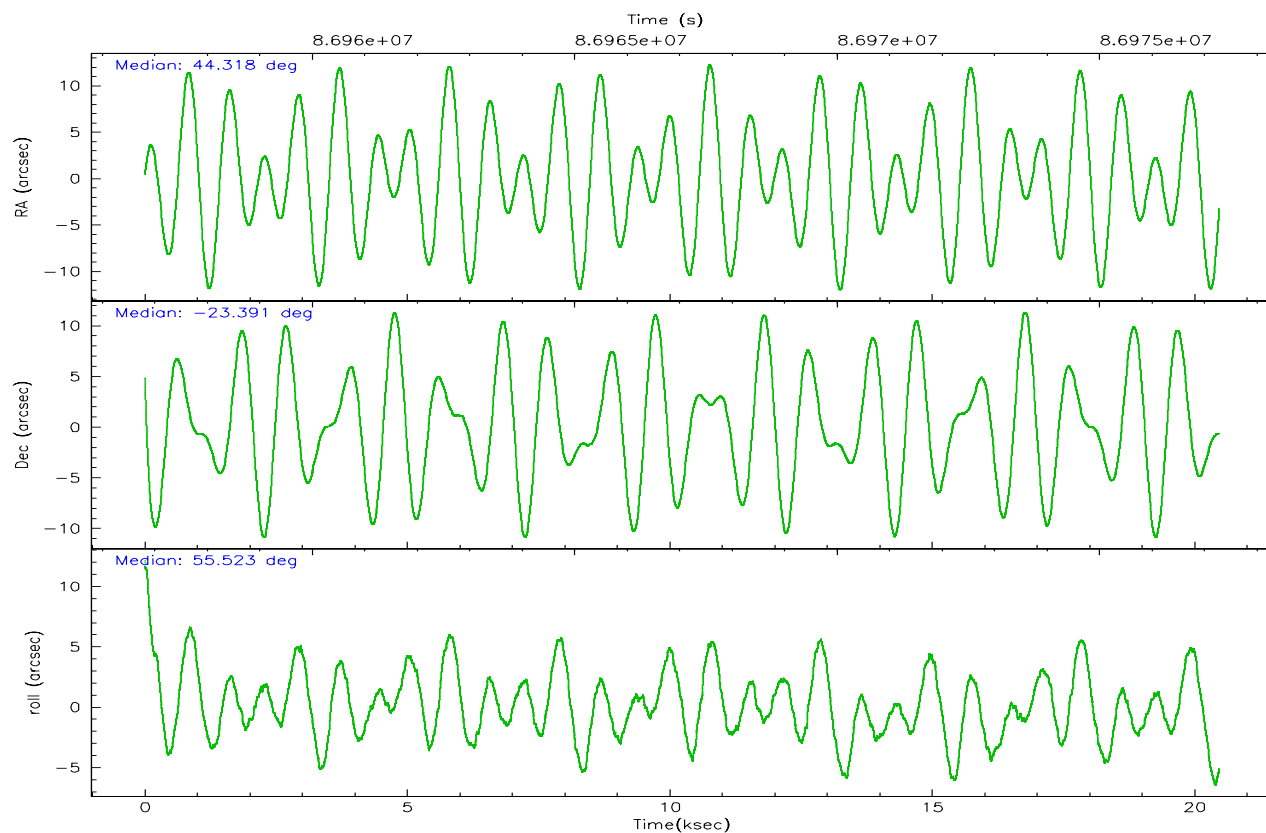
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	6431	6206	6031	10340	5520
	5%	5%	4%	7%	4%
grade 1 events	54	43	60	79	49
	0%	0%	0%	0%	0%
grade 2 events	2909	3015	2904	3114	2689
	2%	2%	2%	2%	2%
grade 3 events	1409	1474	1254	1507	1394
	1%	1%	0%	1%	1%
grade 4 events	1394	1585	1276	1557	1378
	1%	1%	1%	1%	1%
grade 5 events	4177	4553	4109	4719	4953
	3%	3%	3%	3%	3%
grade 6 events	2359	2689	2383	2557	2599
	2%	2%	1%	1%	2%
grade 7 events	95464	95009	108962	108534	105635
	83%	82%	85%	81%	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	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	44.315975	44.31836189538505	Subarray requested	NONE	NONE
Pointing Dec	-23.418702	-23.39129425996001	Alternating exposures requested	N	N
Pointing Roll	55.324370	55.53400311929794	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)	-225.840463	-225.848371962627			
SIM translation stage offset (mm)	-7.752	-7.744081040302689			
Observation start time	86957280.184000	86956176.257015			
Observation start date	2000-10-03T10:46:56	2000-10-03T10:29:36			
Observation end time	86977280.184000	86978049.24534			
Observation end date	2000-10-03T16:20:16	2000-10-03T16:34:09			
Read mode	TIMED	TIMED			

2.3 Aspect



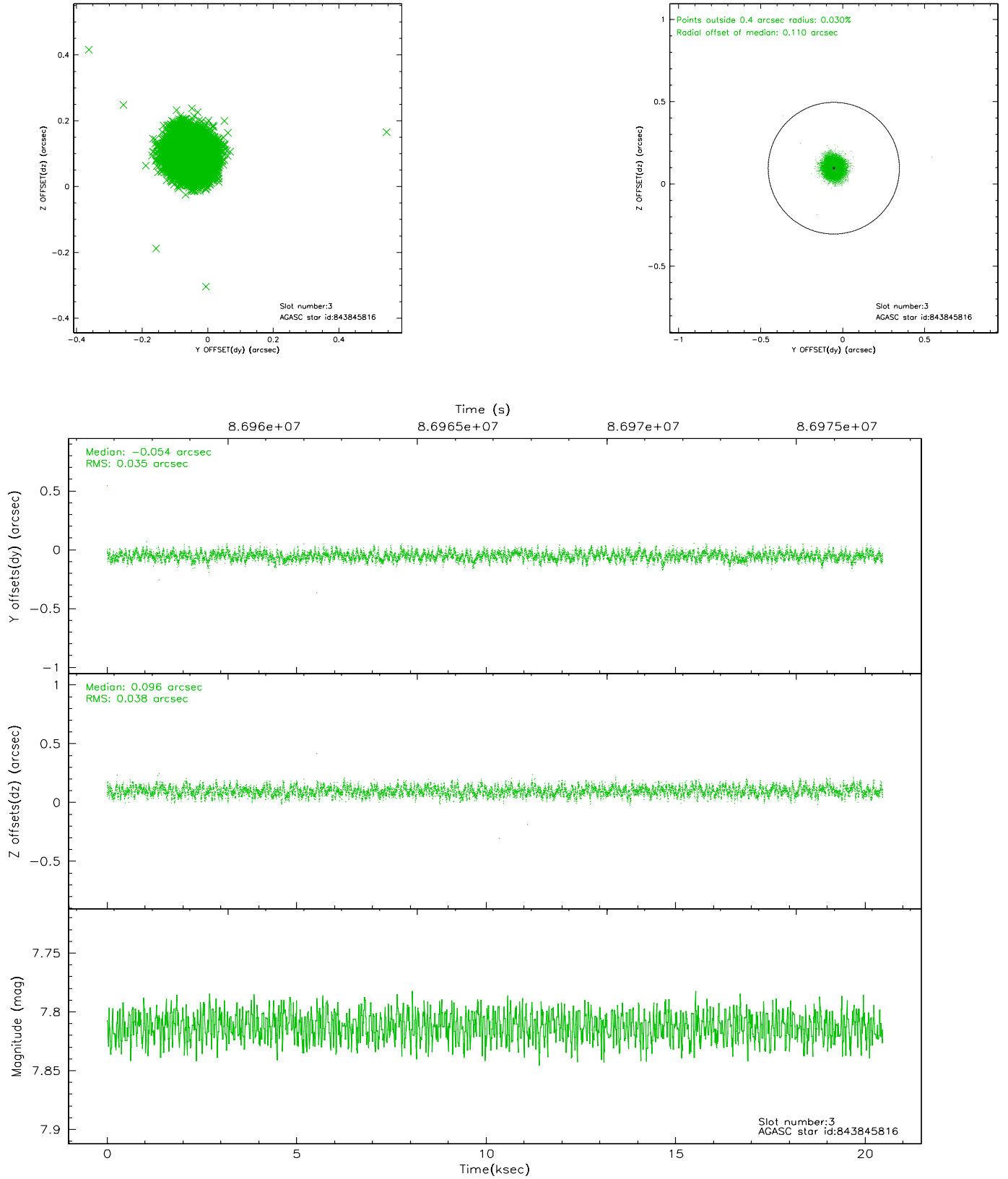


Slot Statistics

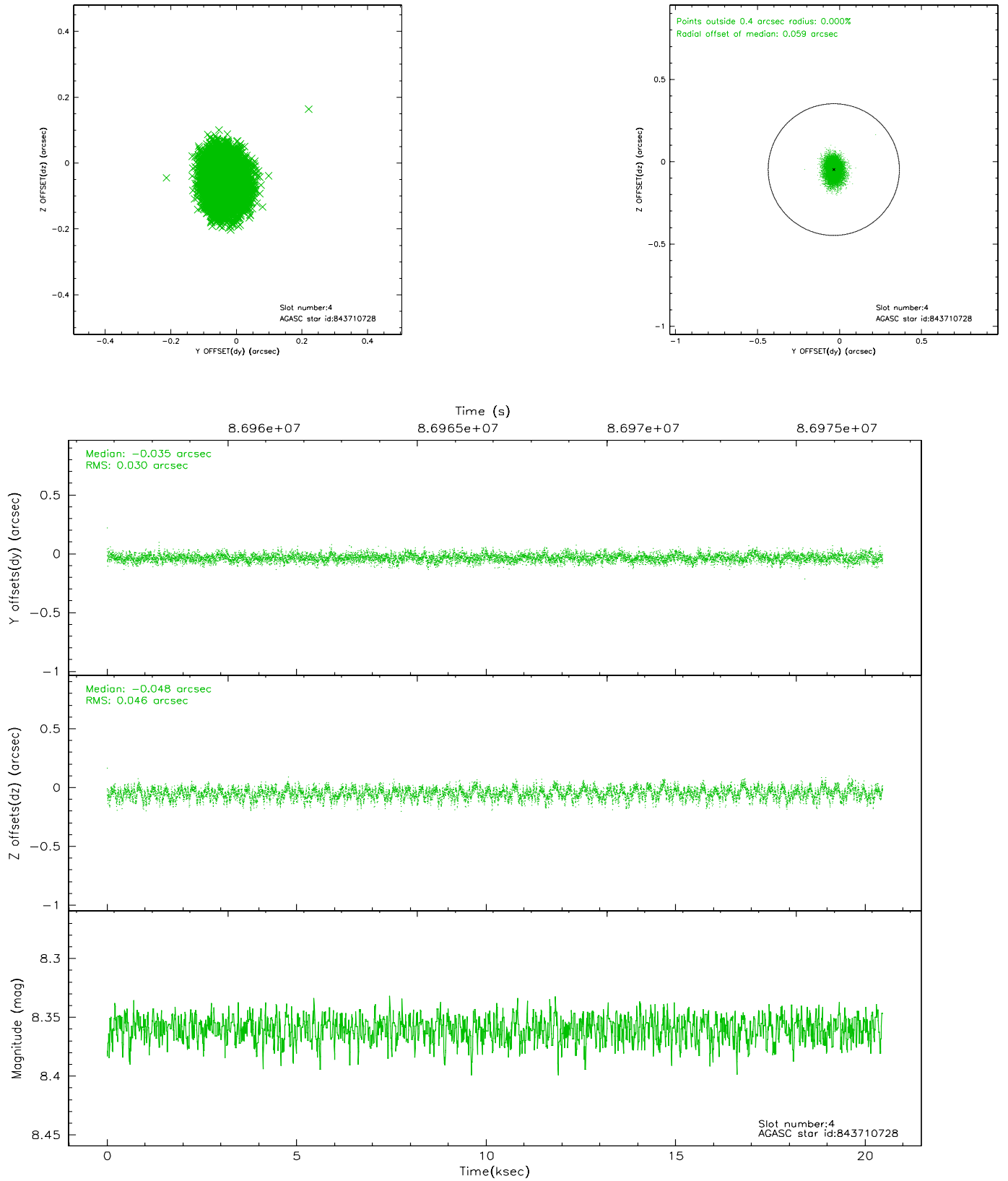
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-2	7.17	4991	-0.037	-0.028	0.009	0.015	0.000000	0.000000	-756.25	-992.57
1	FID	ACIS-I-4	7.16	4992	-0.077	0.037	0.006	0.010	0.000000	0.000000	2157.61	913.55
2	FID	ACIS-I-5	7.22	4992	0.013	0.060	0.008	0.014	0.000000	0.000000	-1809.43	910.56
3	GUIDE	843845816	7.81	9985	-0.054	0.096	0.055	0.085	44.829539	-23.689415	159.71	-1948.27
4	GUIDE	843710728	8.36	9985	-0.035	-0.048	0.058	0.095	44.214884	-22.985501	1091.66	1162.86
5	GUIDE	843713992	9.21	9982	0.056	-0.182	0.103	0.169	43.536281	-23.409699	-1444.78	2132.65
6	GUIDE	843850048	9.59	9983	-0.073	0.156	0.107	0.179	45.188374	-23.374608	1763.88	-2284.67
7	GUIDE	843715344	9.64	9979	0.104	-0.021	0.115	0.185	43.754026	-23.341523	-831.27	1683.29

2.4 Star Slots

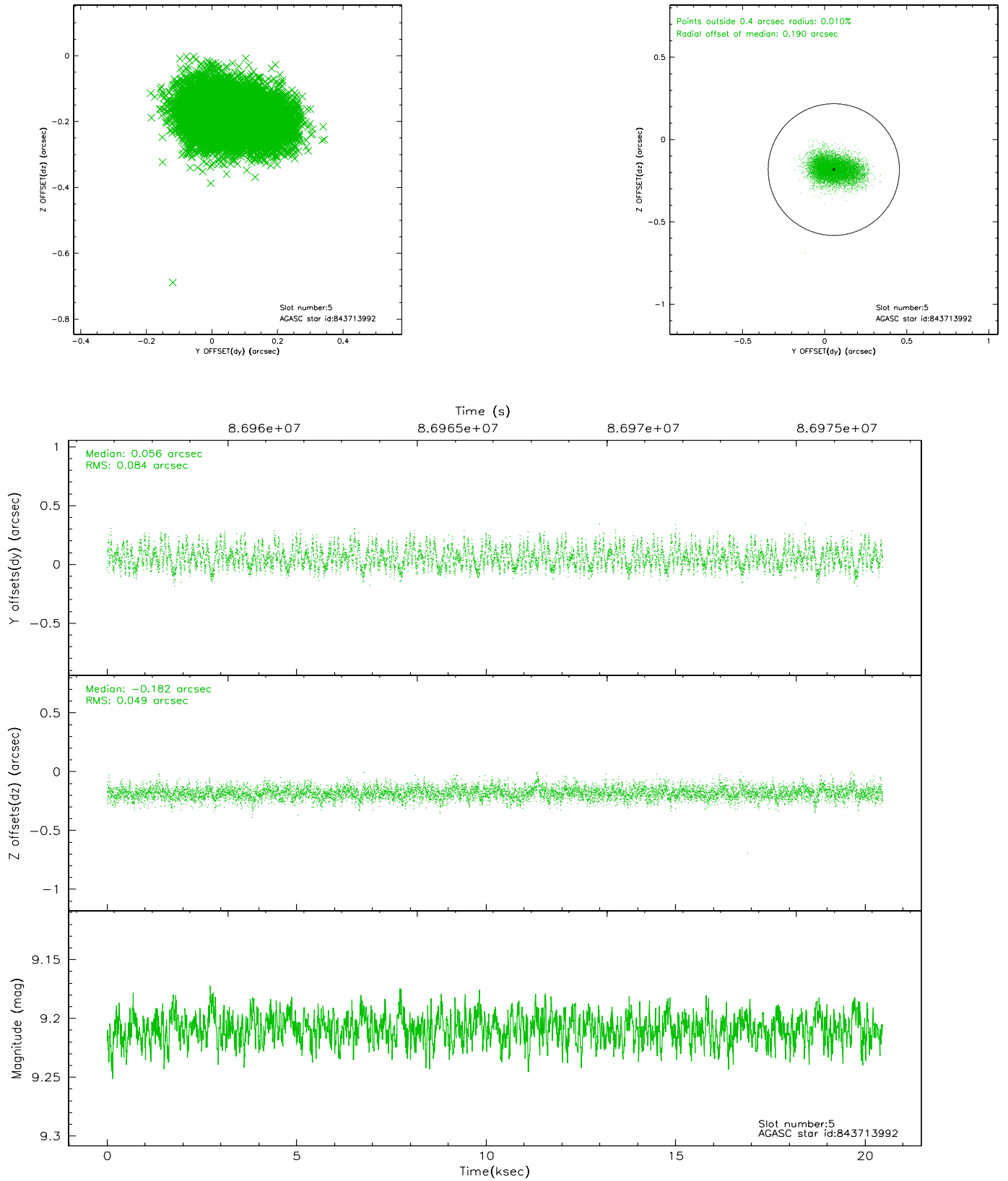
2.4.1 Slot 3



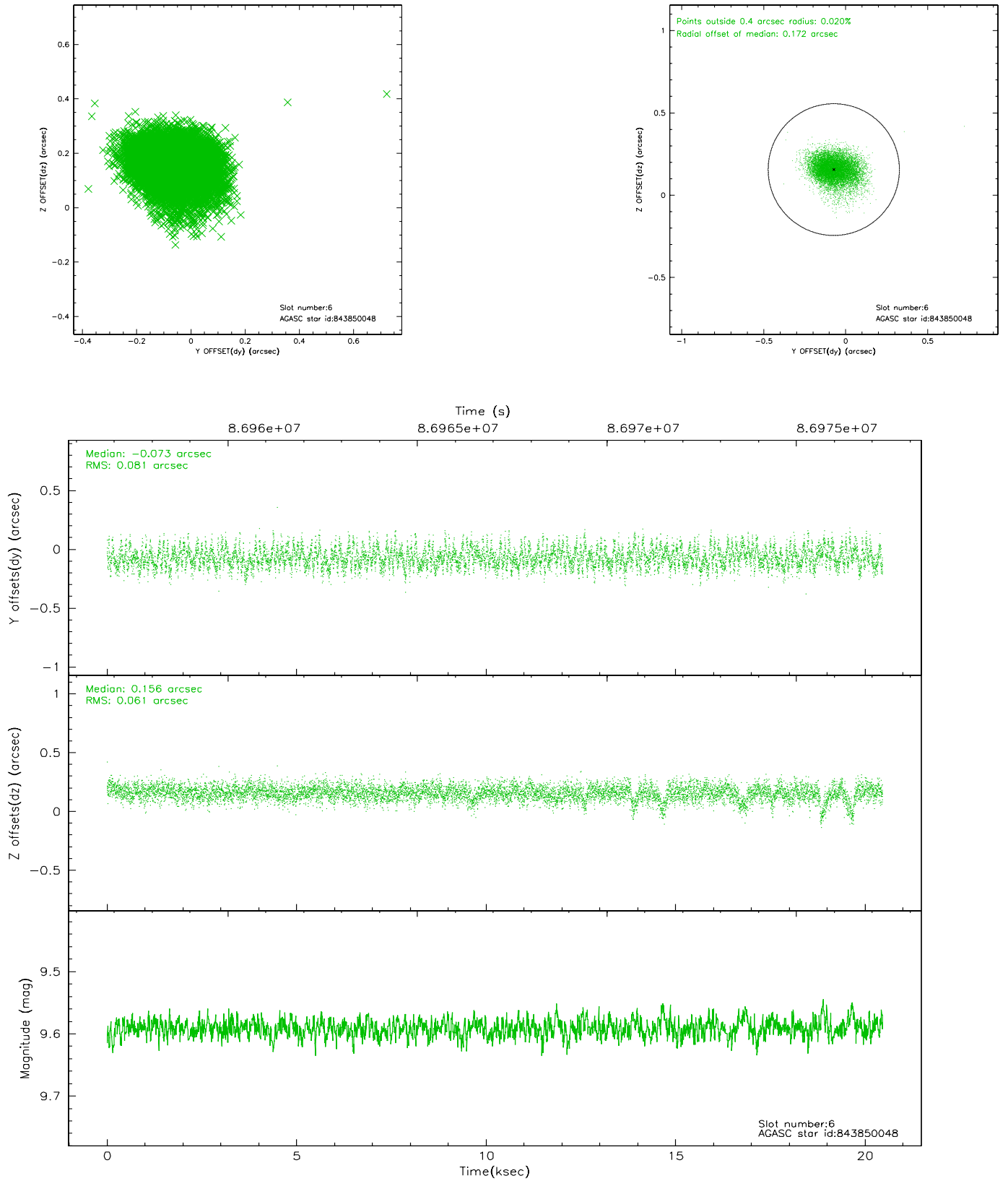
2.4.2 Slot 4



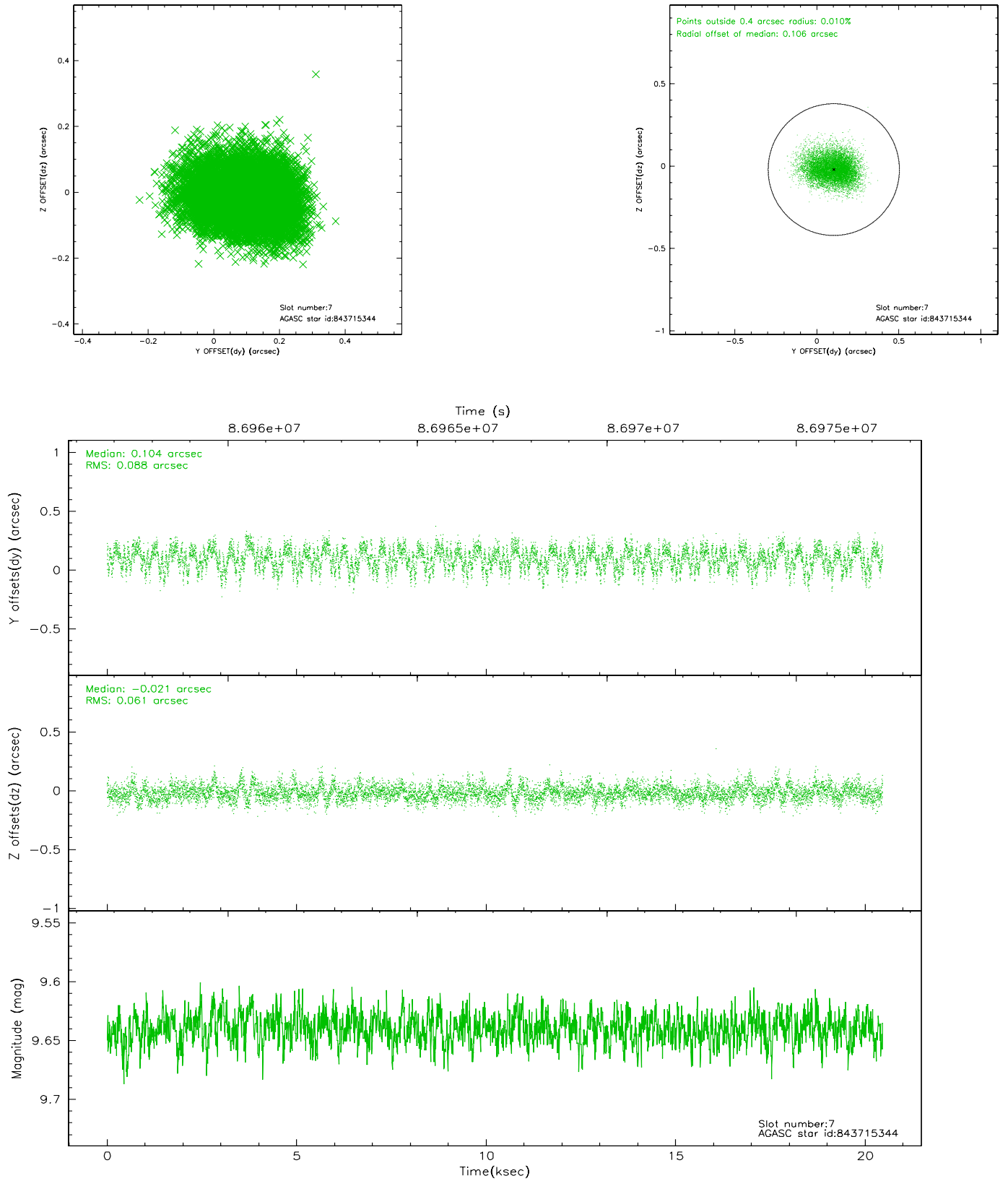
2.4.3 Slot 5



2.4.4 Slot 6

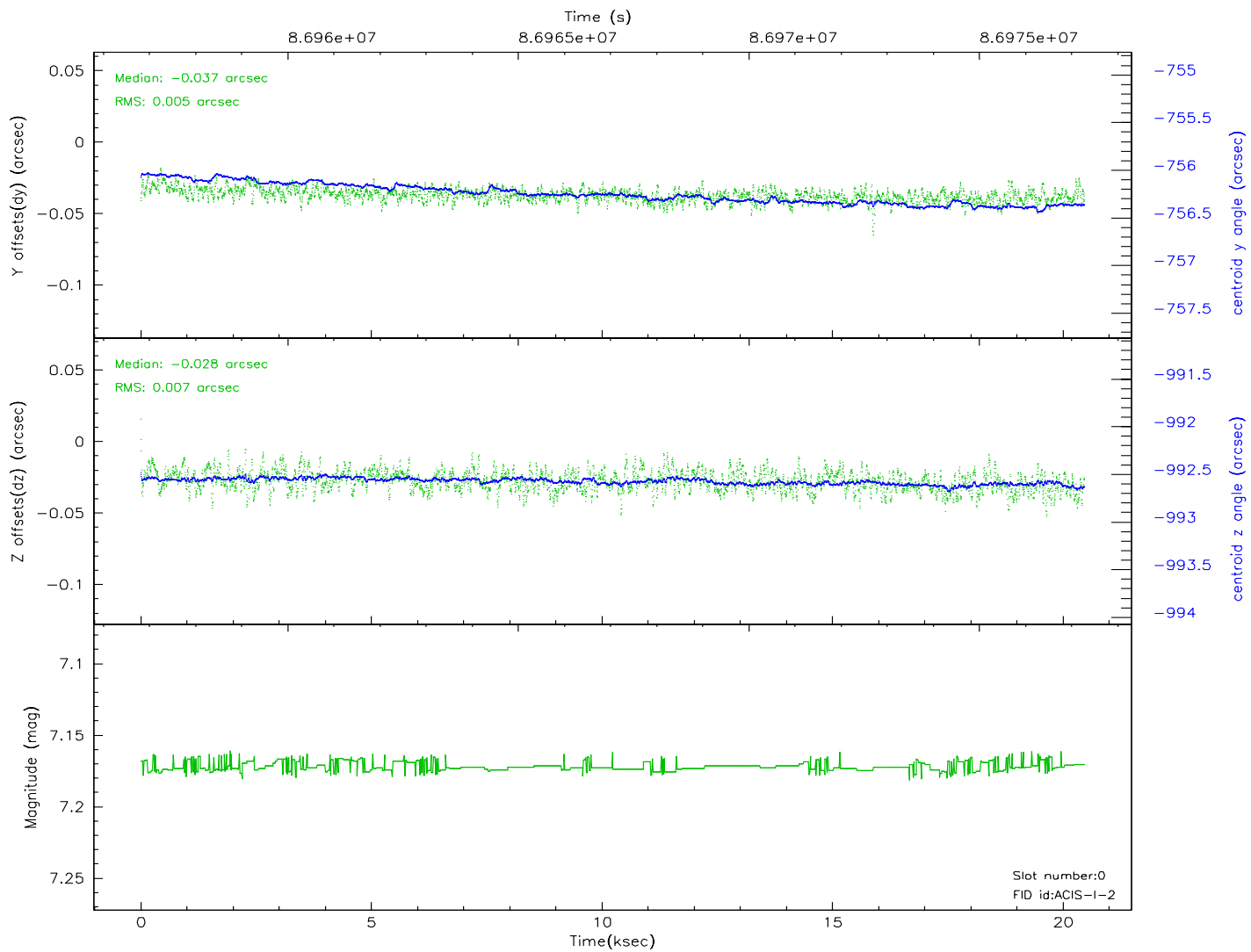
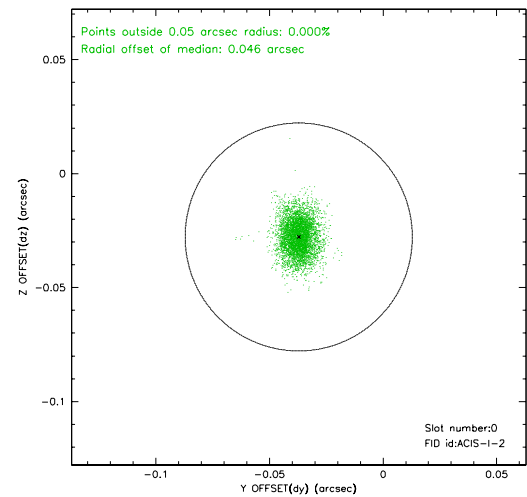
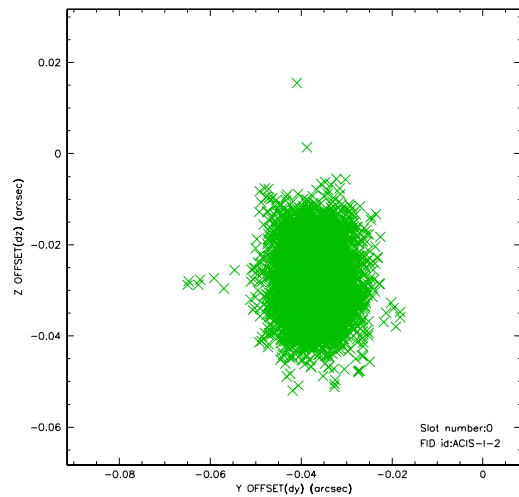


2.4.5 Slot 7

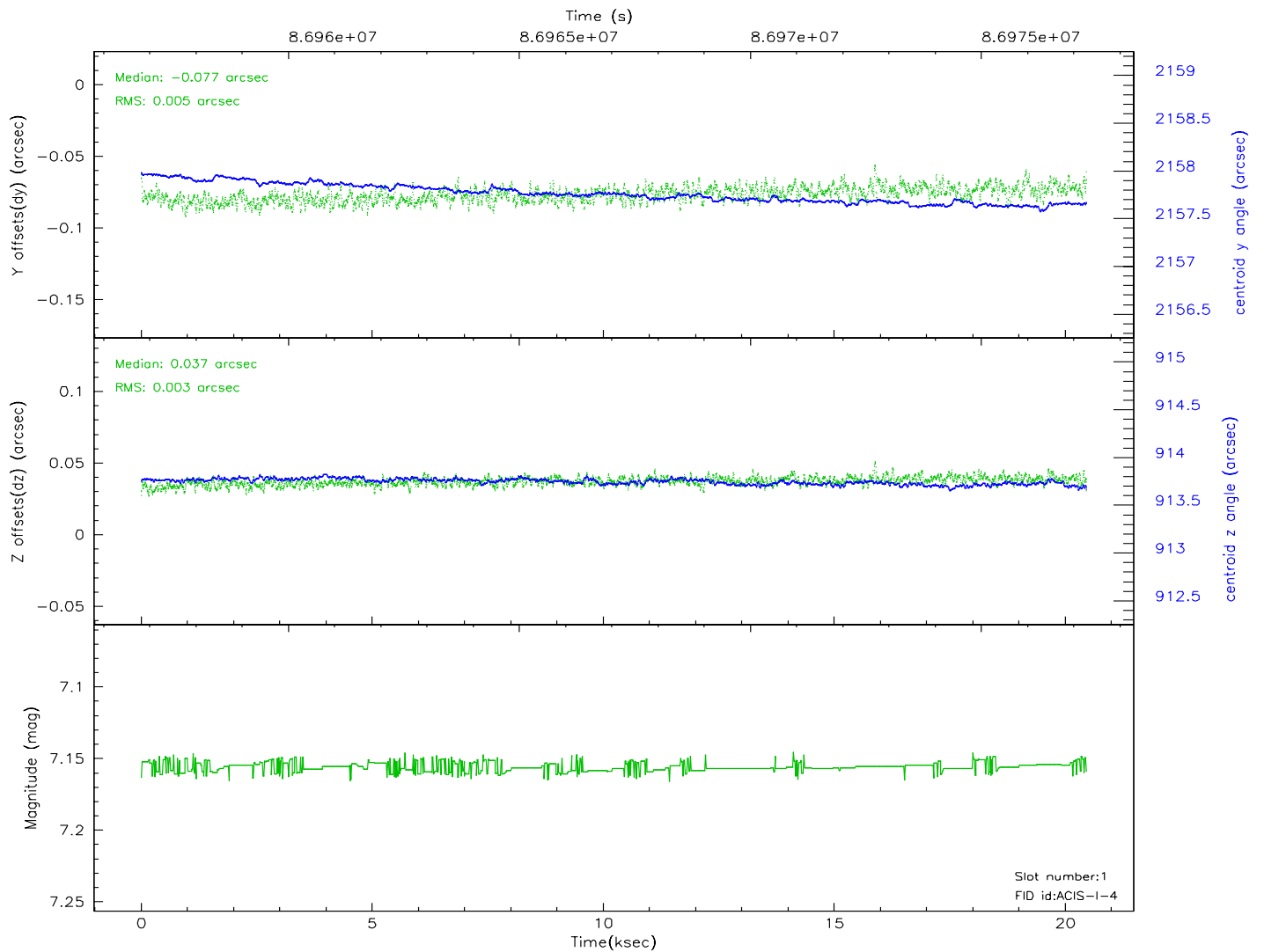
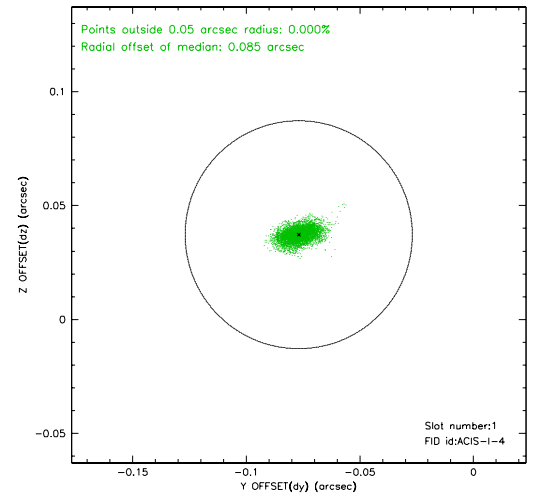
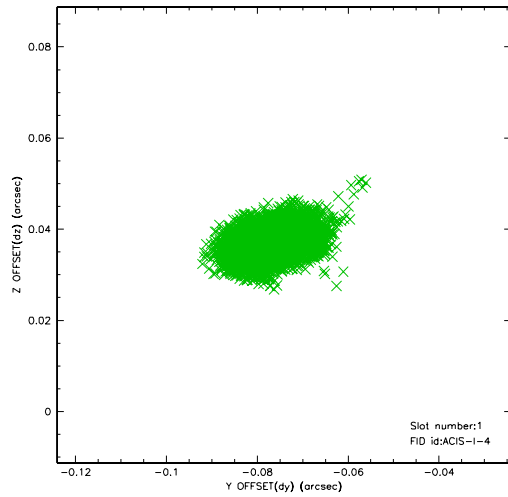


2.5 FID Slots

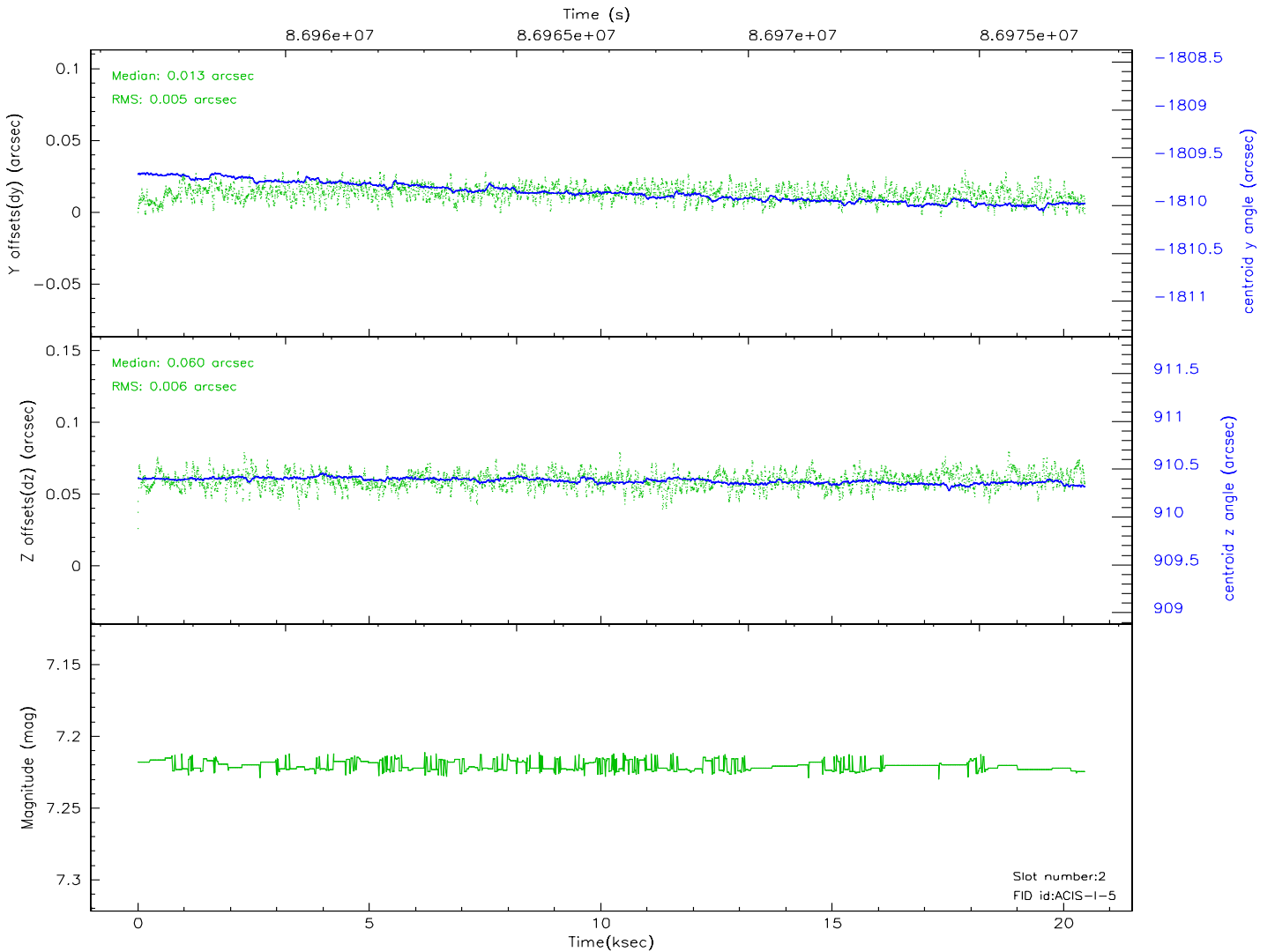
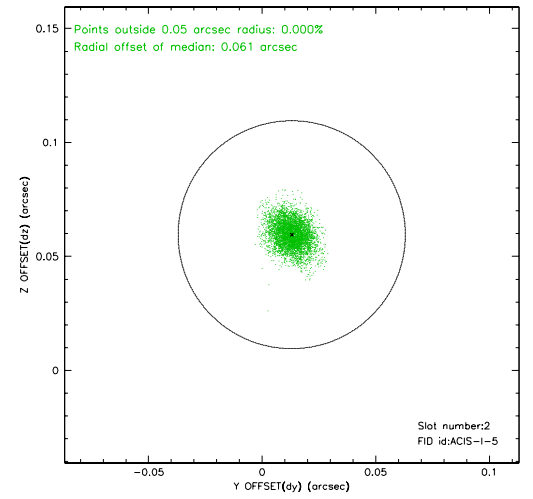
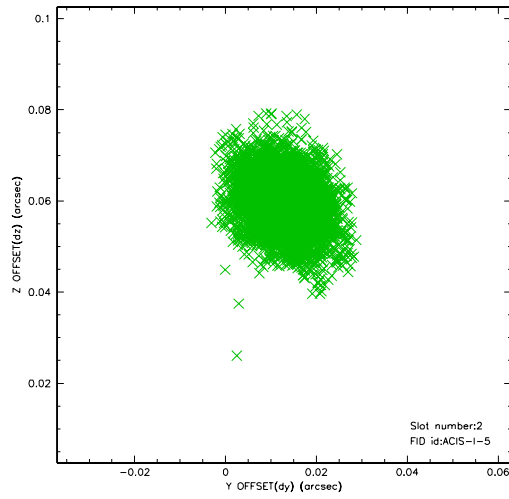
2.5.1 Slot 0



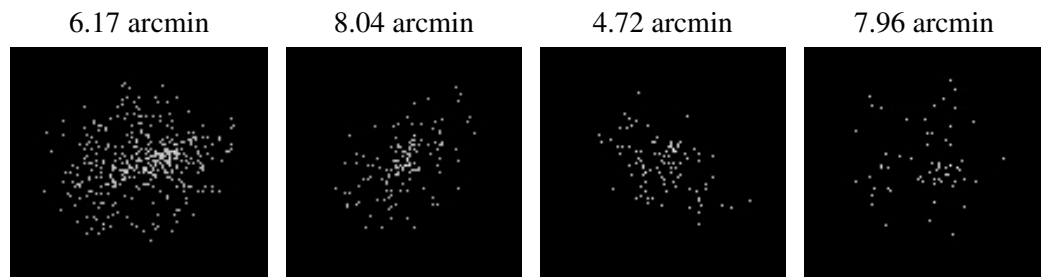
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2007.06.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	20.109

A.2 Comments