

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2784 - L2 Version 001
Chandra X-Ray Center

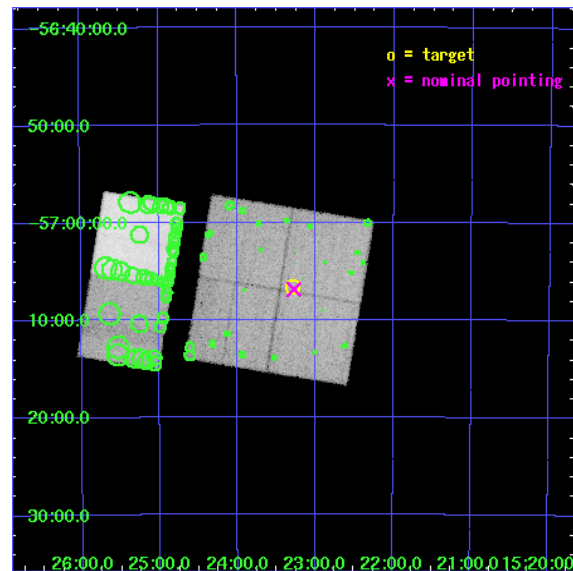
L2 Processing Date : Sep 22 2006

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1 Front

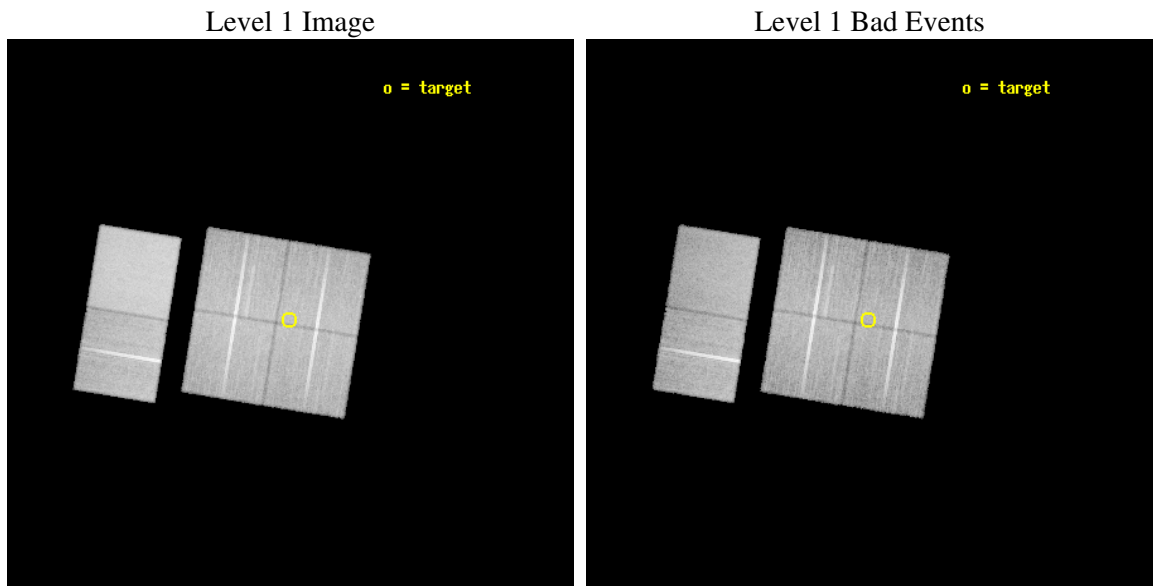
seq_num	500234
obs_id	2784
title	THE PULSAR-POWERED NEBULA IN G322.5-0.1
observer	Professor Bryan Gaensler
object	G322.5-0.1
dtcycle	0
cycle	P
ra_targ	230.820833
dec_targ	-57.110278
ra_nom	230.81882058512
dec_nom	-57.114793414119
roll_nom	279.2717580814
revision	2
ontime	28211.117954373
livetime	27853.891792139
ontime0	28207.876964211
ontime1	28211.117954373
ontime2	28217.599894881
ontime3	28201.394924015
ontime6	28214.358944505
ontime7	28217.599894881
l2events	390673



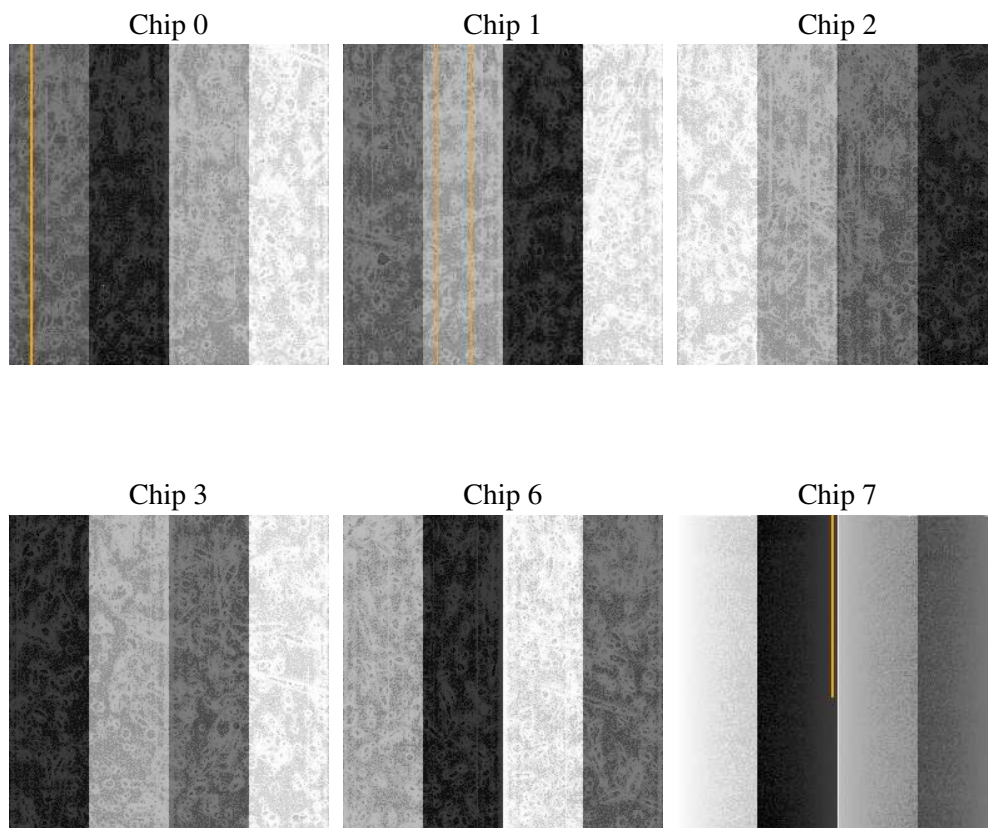
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldsver	3.2.3
date	2006-09-23T00:21:11
revision	2

sched_exp_time	28257.567000
ontime	28216.16505903
ontime0	28212.924068868
ontime1	28216.16505903
ontime2	28222.646999538
ontime3	28206.442028672
ontime6	28219.406049162
ontime7	28222.646999538
l1events	1431111

2.1.4 Events

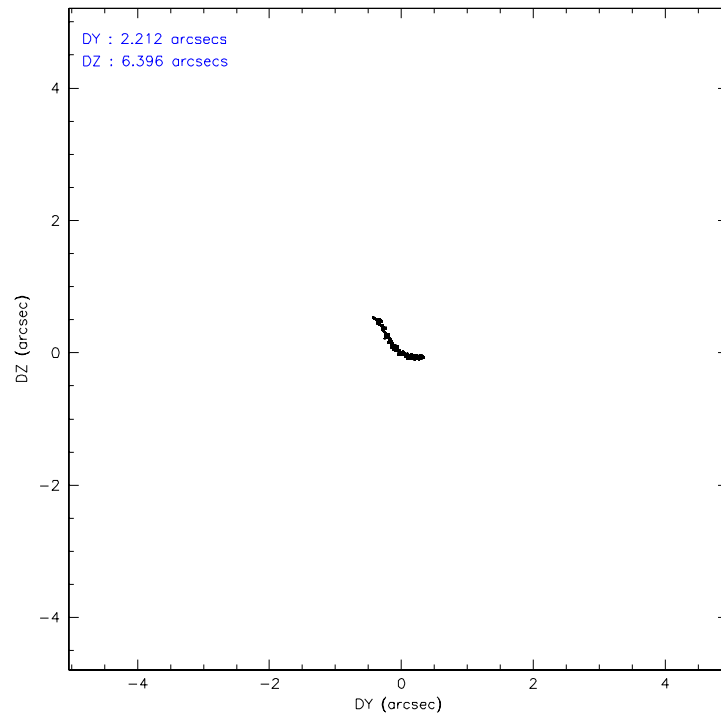
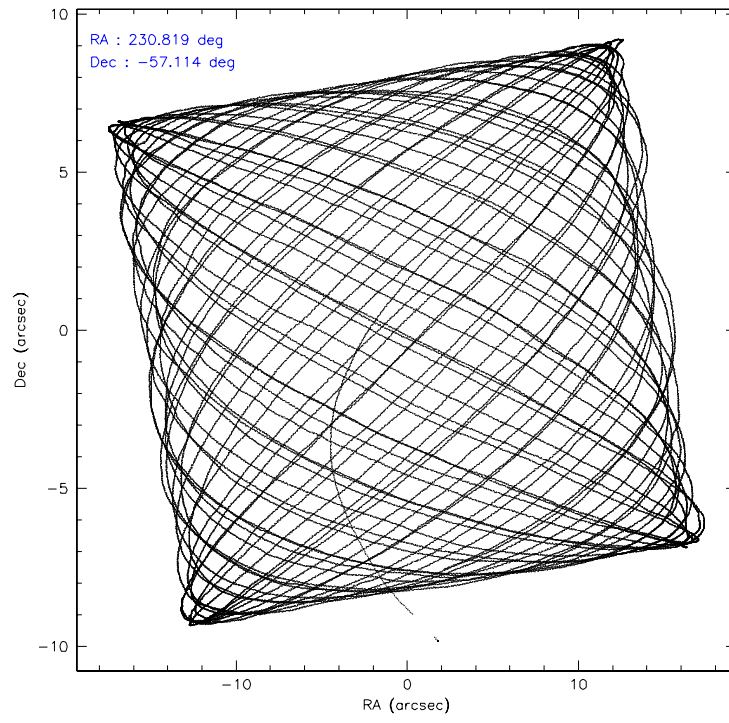
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	210848	216863	220666	224903	230566	327265
rejected events	155452	158911	173437	177111	184299	163477
rejected %	73%	73%	78%	78%	79%	49%

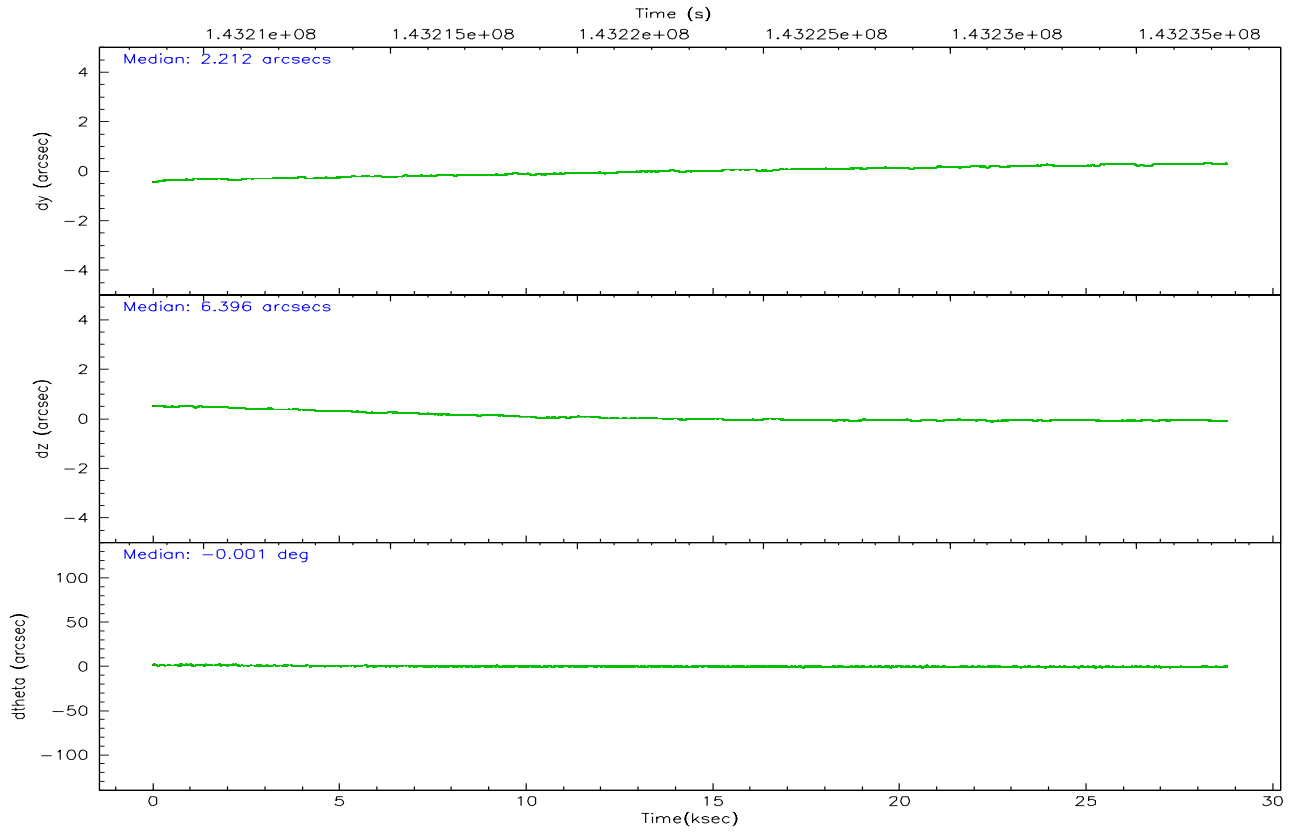
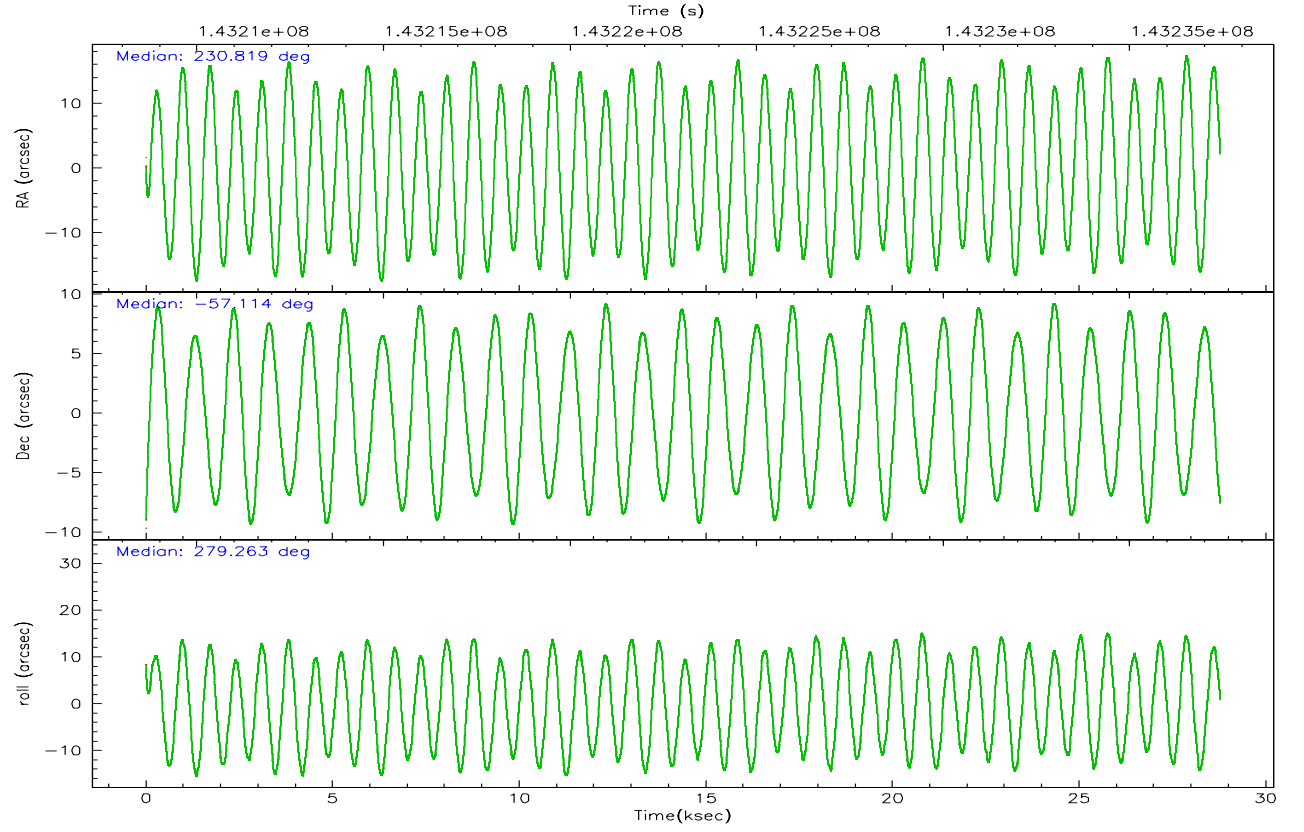
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	33907	34532	27959	28283	26346	12860
	16%	15%	12%	12%	11%	3%
grade 1 events	204	210	184	184	161	160
	0%	0%	0%	0%	0%	0%
grade 2 events	9134	9409	8209	7911	7721	38935
	4%	4%	3%	3%	3%	11%
grade 3 events	3406	3667	2847	3069	3039	8999
	1%	1%	1%	1%	1%	2%
grade 4 events	3165	3796	2911	2990	2922	8830
	1%	1%	1%	1%	1%	2%
grade 5 events	7164	7736	6590	7620	8736	17210
	3%	3%	2%	3%	3%	5%
grade 6 events	5794	6566	5321	5590	6248	94190
	2%	3%	2%	2%	2%	28%
grade 7 events	148074	150947	166645	169256	175393	146081
	70%	69%	75%	75%	76%	44%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-012367	ACIS-012367	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	230.786739	230.8188205851237	Subarray requested	NONE	NONE
Pointing Dec	-57.093648	-57.1147934141193	Alternating exposures requested	N	N
Pointing Roll	279.036132	279.2717580813953	Primary exposure time	0.000000	3.2
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-239.452463	-239.4608750052728			
SIM translation stage offset (mm)	5.86	5.868422002343152			
Observation start time	143209167.184000	143208041.63893			
Observation start date	2002-07-16T12:18:23	2002-07-16T12:00:41			
Observation end time	143237425.184000	143237739.47765			
Observation end date	2002-07-16T20:09:21	2002-07-16T20:15:39			
Read mode	TIMED	TIMED			

2.3 Aspect



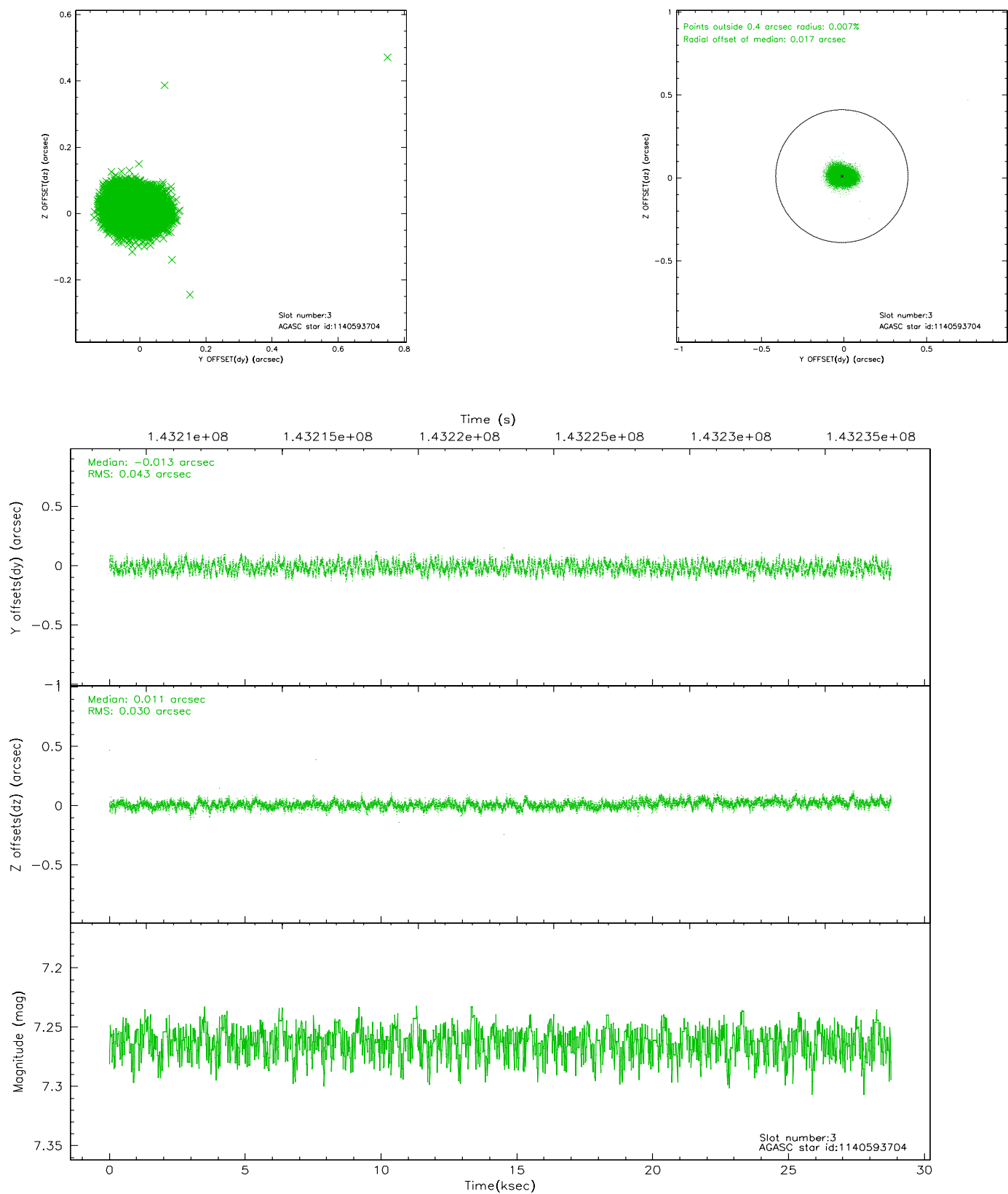


Slot Statistics

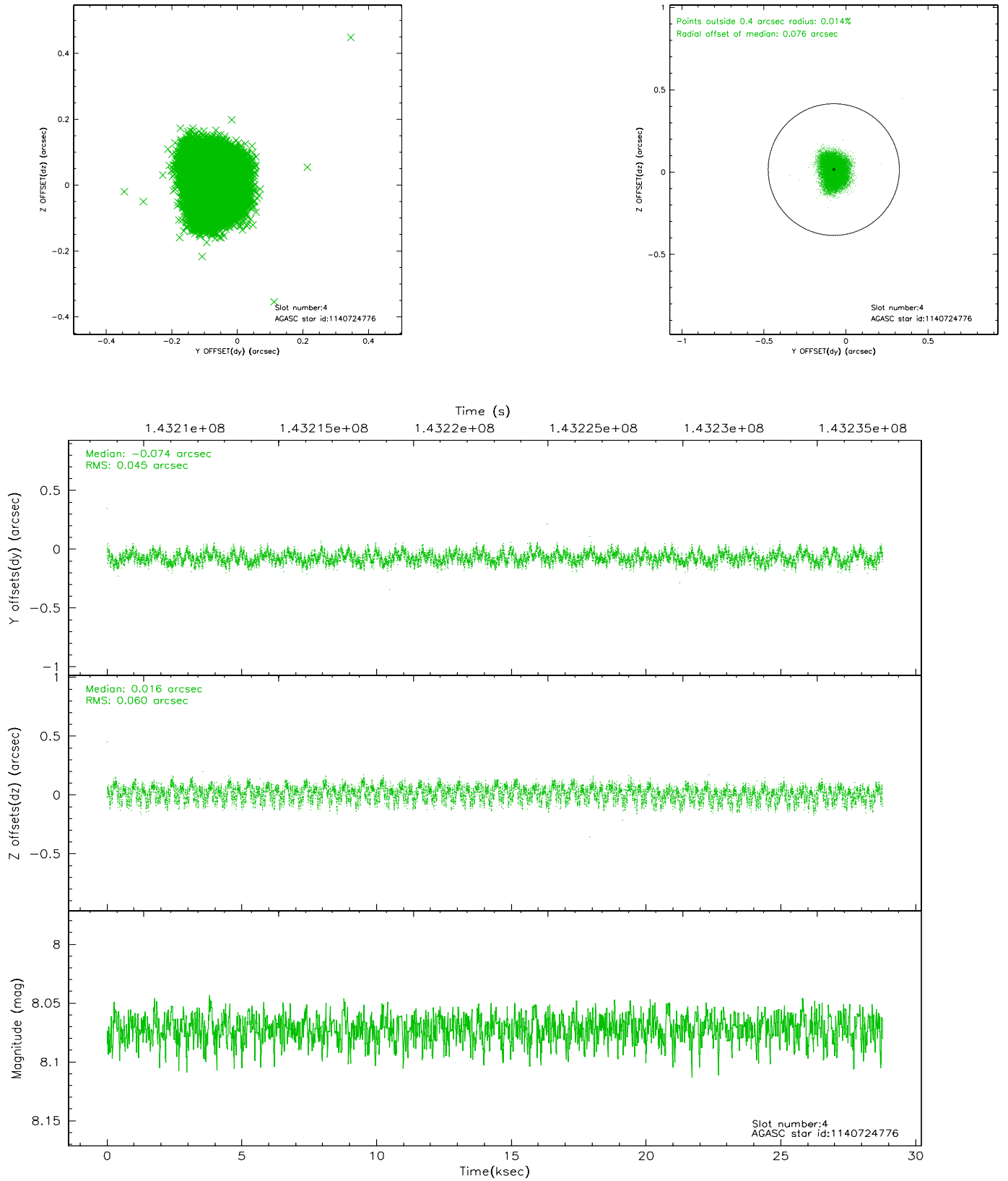
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.26	7018	-0.115	0.142	0.015	0.024	0.000000	0.000000	937.60	-709.07
1	FID	ACIS-I-5	7.25	7014	0.006	-0.032	0.012	0.022	0.000000	0.000000	-1810.32	1188.24
2	FID	ACIS-I-6	7.25	7015	0.015	-0.040	0.014	0.023	0.000000	0.000000	403.21	1832.80
3	GUIDE	1140593704	7.26	14028	-0.013	0.011	0.056	0.087	229.741417	-57.540991	1290.28	-2250.27
4	GUIDE	1140724776	8.07	14032	-0.074	0.016	0.081	0.124	231.861975	-57.359067	1288.92	1908.72
5	GUIDE	1140720368	8.31	14024	0.093	-0.017	0.067	0.106	231.959366	-57.360921	1328.42	2094.09
6	GUIDE	1140596208	9.01	14028	0.009	0.016	0.086	0.135	229.631111	-57.265435	278.09	-2322.08
7	GUIDE	1140726312	8.89	14031	-0.017	-0.023	0.070	0.116	231.010622	-56.676215	-1412.52	672.15

2.4 Star Slots

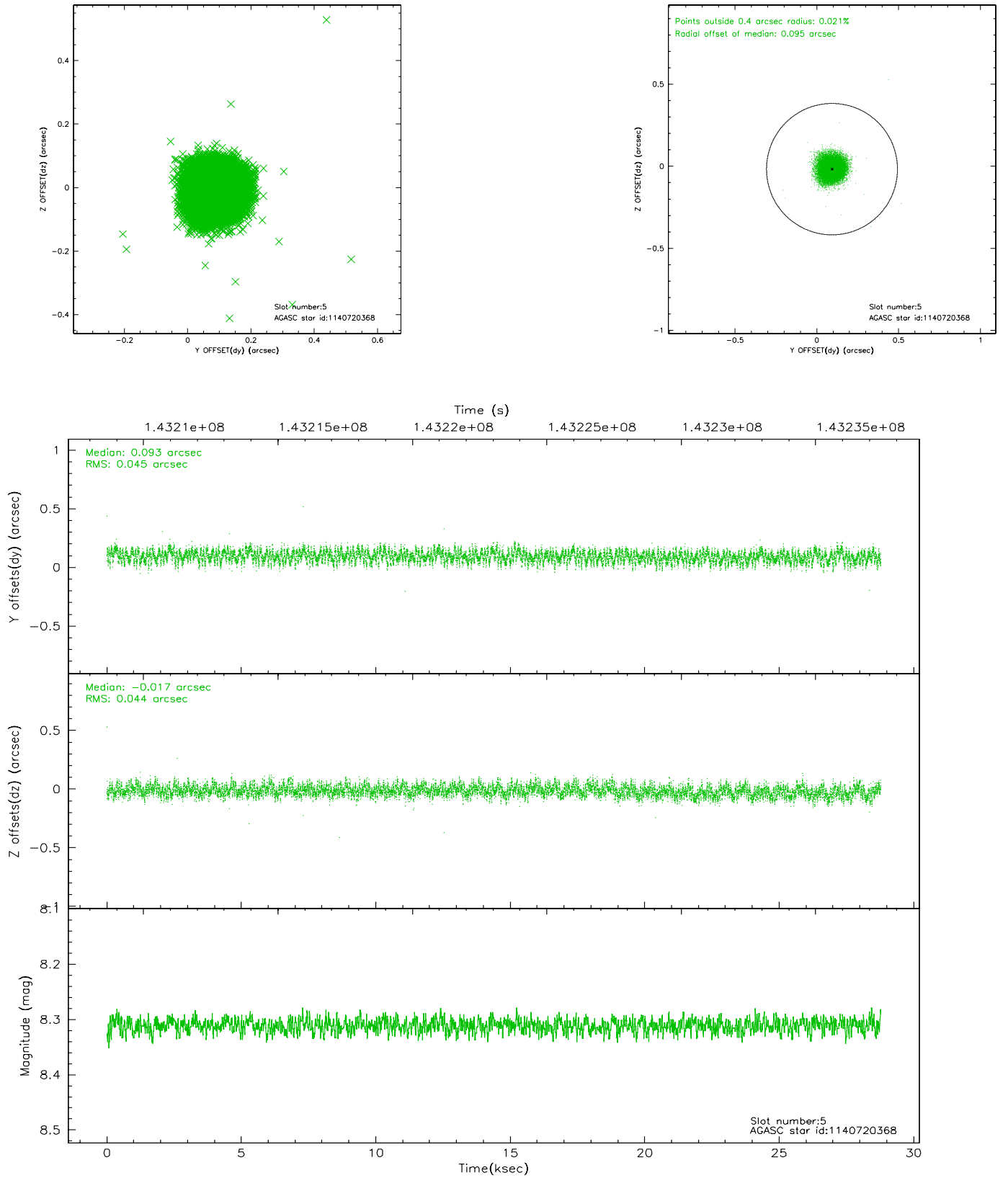
2.4.1 Slot 3



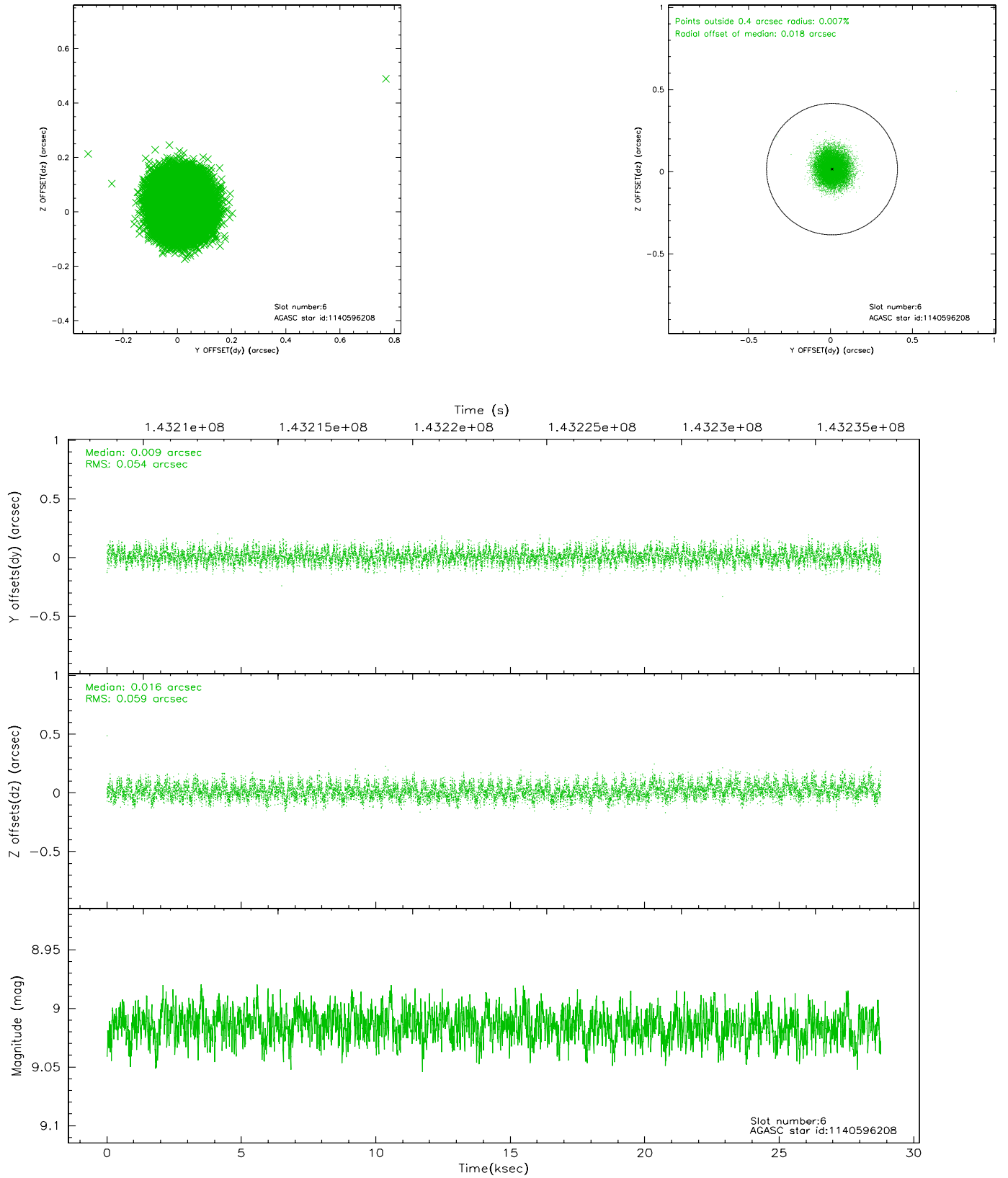
2.4.2 Slot 4



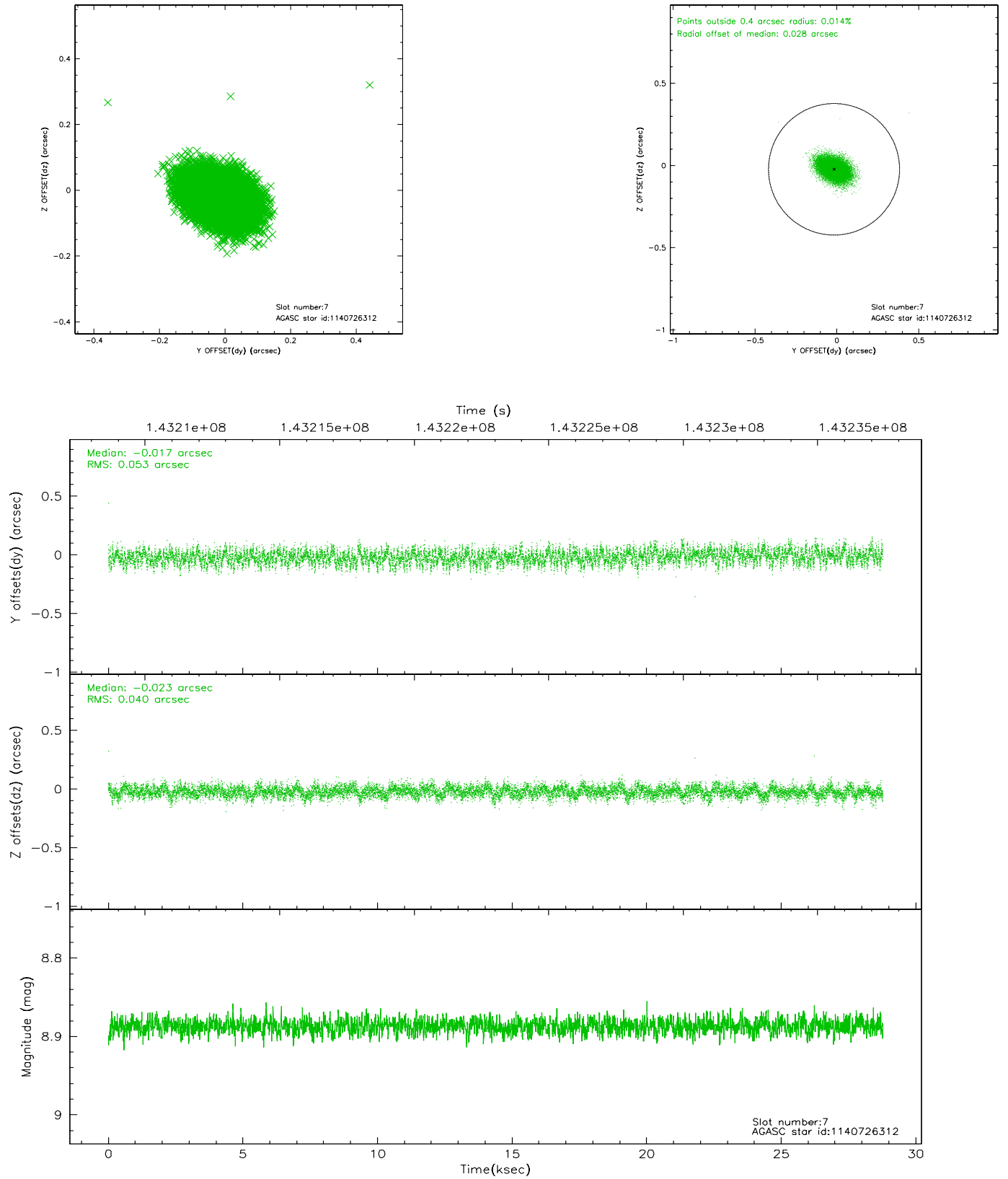
2.4.3 Slot 5



2.4.4 Slot 6

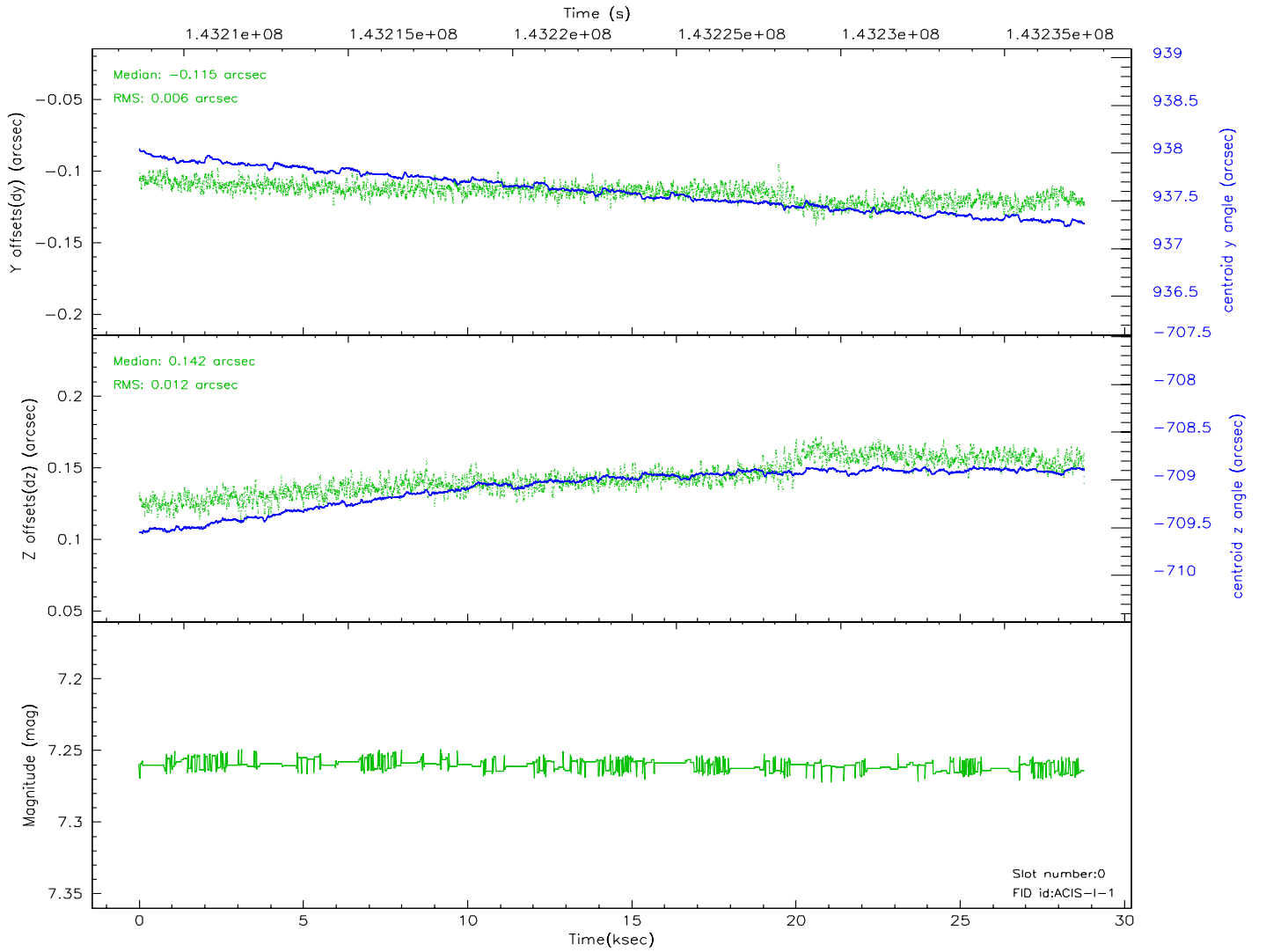
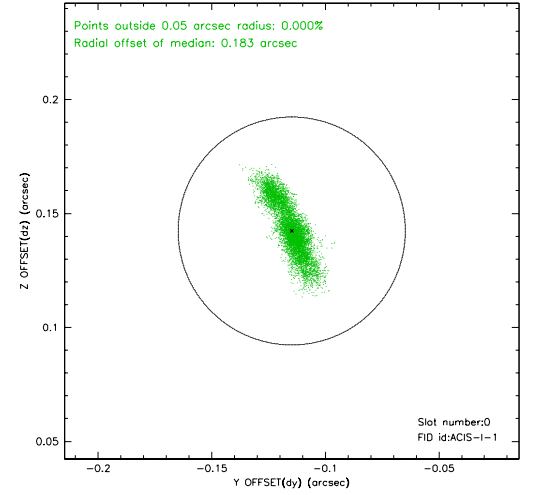
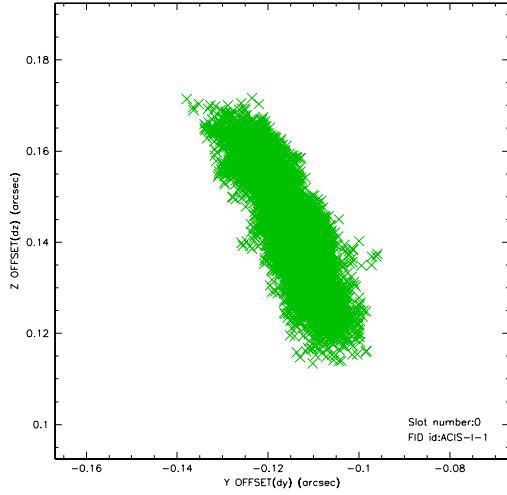


2.4.5 Slot 7

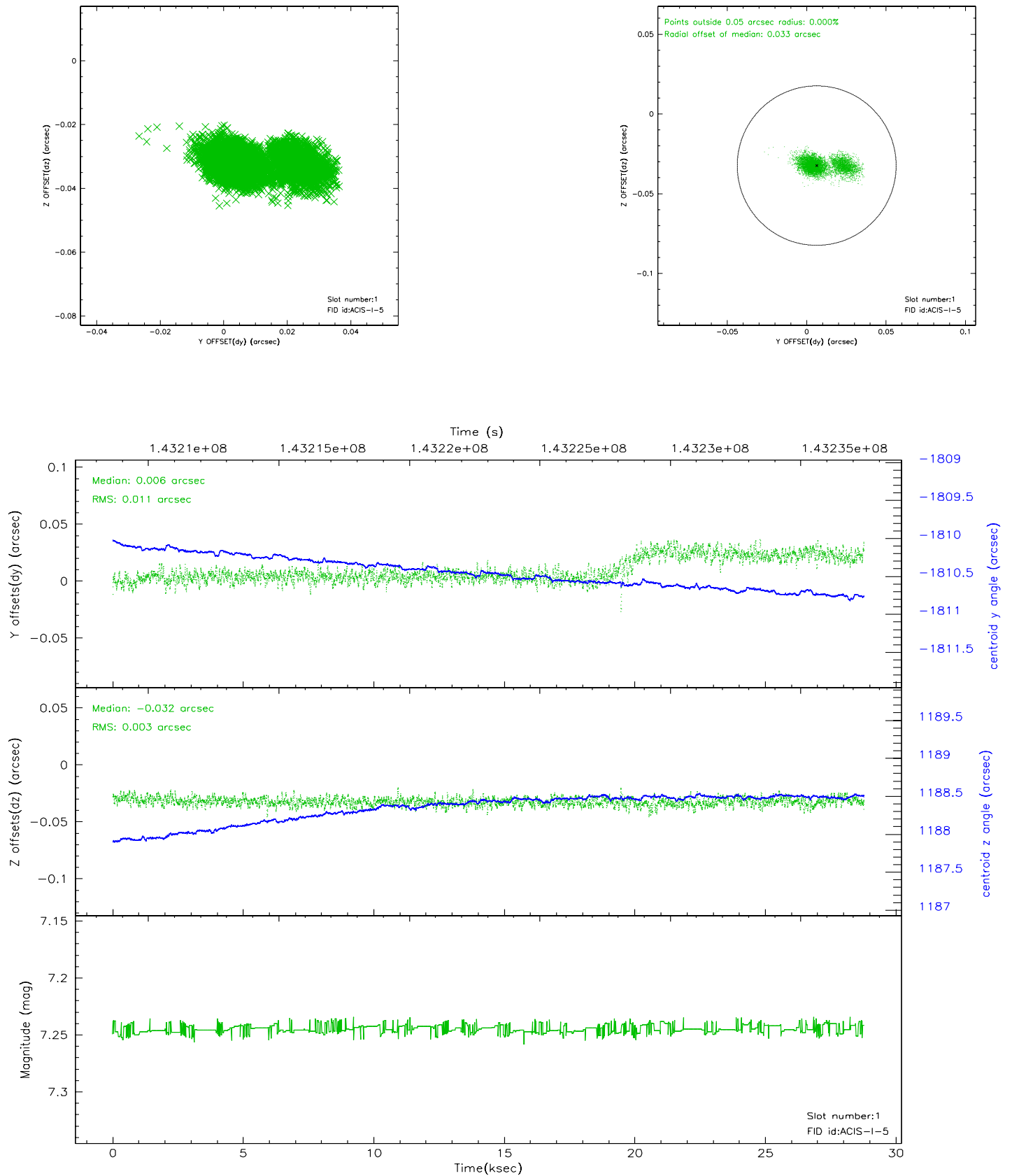


2.5 FID Slots

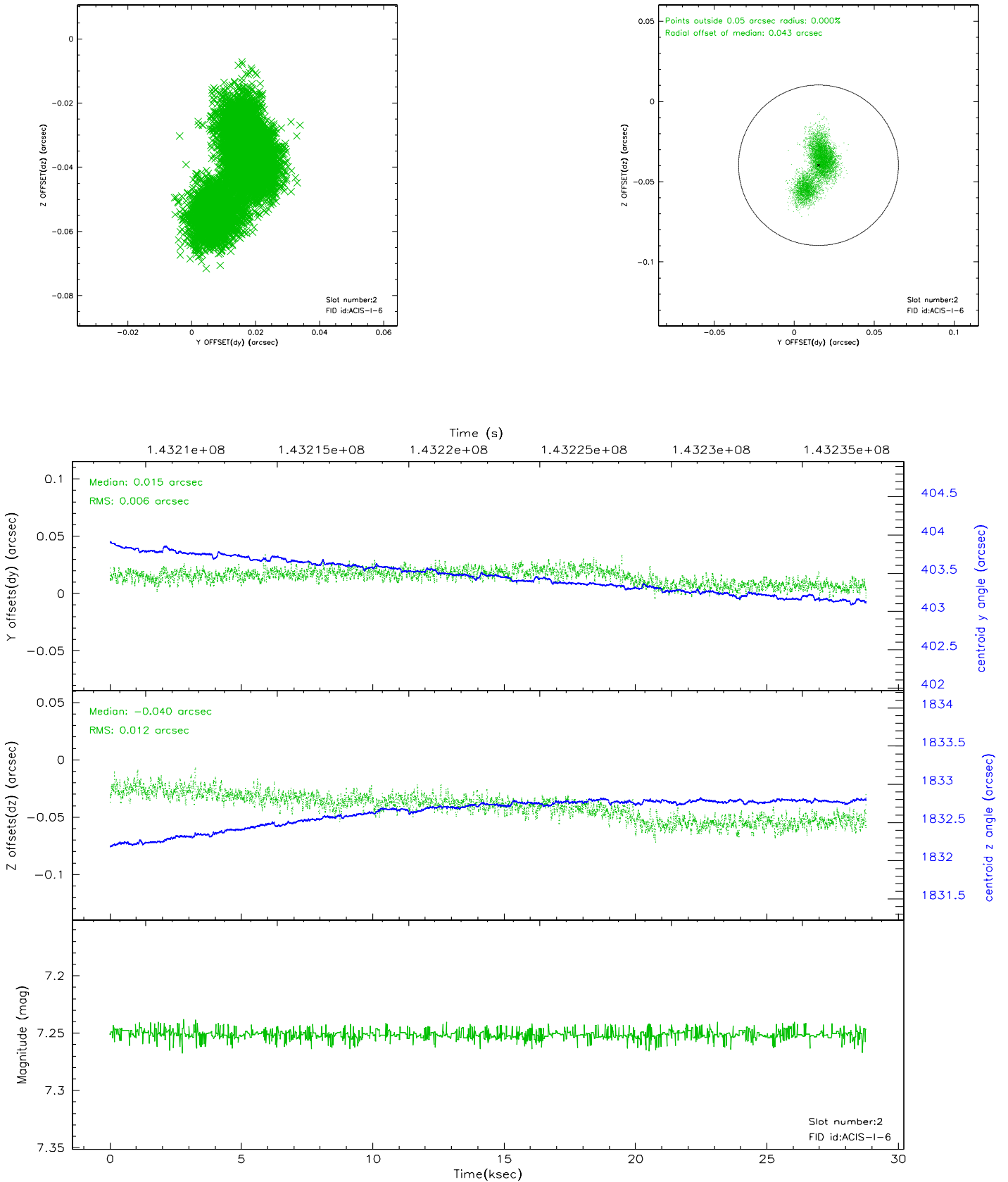
2.5.1 Slot 0



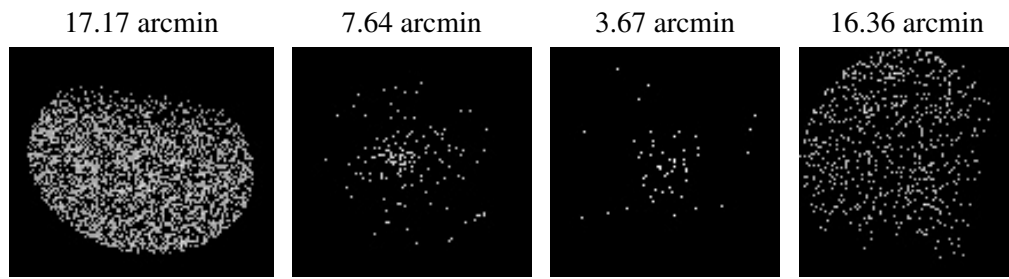
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.09.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	28.211

A.2 Comments