

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 2823 - L2 Version 001
Chandra X-Ray Center

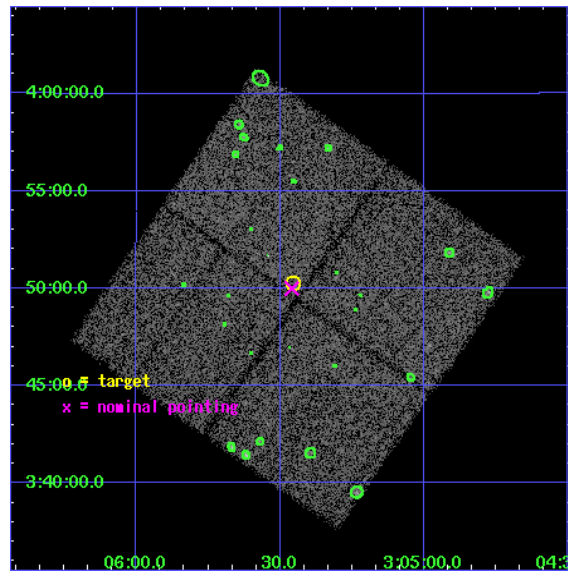
L2 Processing Date : Jan 17 2007

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1 Front

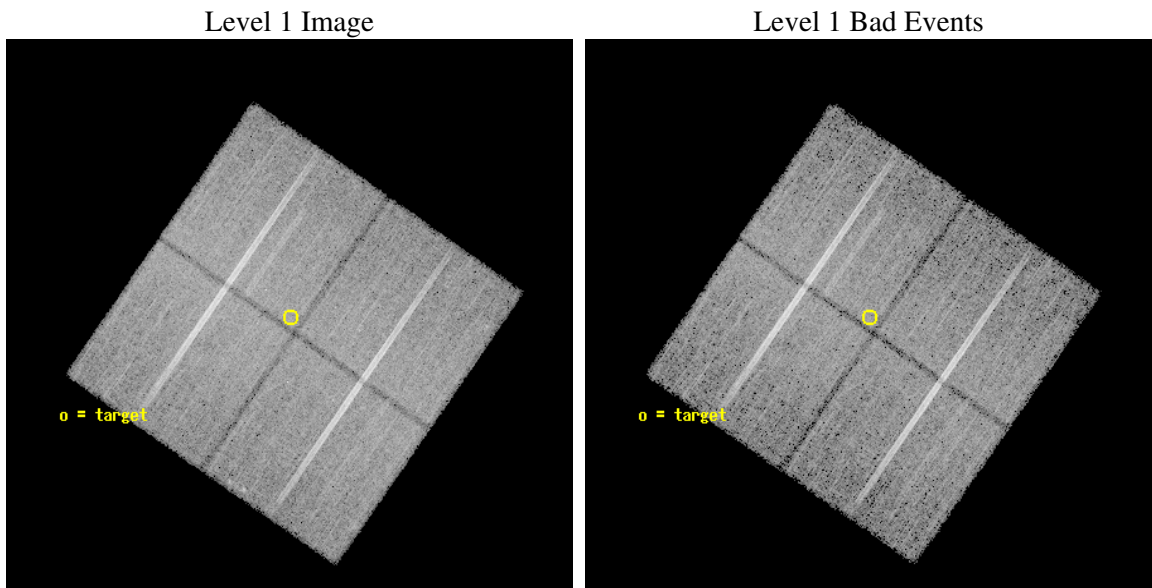
seq_num	500273
obs_id	2823
title	LOCALIZATION OF OPTICALLY-DARK GAMMA-RAY BURSTS BY CHANDRA AND HST
observer	Dr. george Ricker
object	XRF011130
dtcycle	0
cycle	P
ra_targ	46.36376
dec_targ	3.83782
ra_nom	46.364724887979
dec_nom	3.8332253998673
roll_nom	304.83967169583
revision	2
ontime	30166.017981574
livetime	29771.876748745
ontime0	30169.158971742
ontime1	30162.876991406
ontime2	30166.017991483
ontime3	30166.017981574
l2events	83847



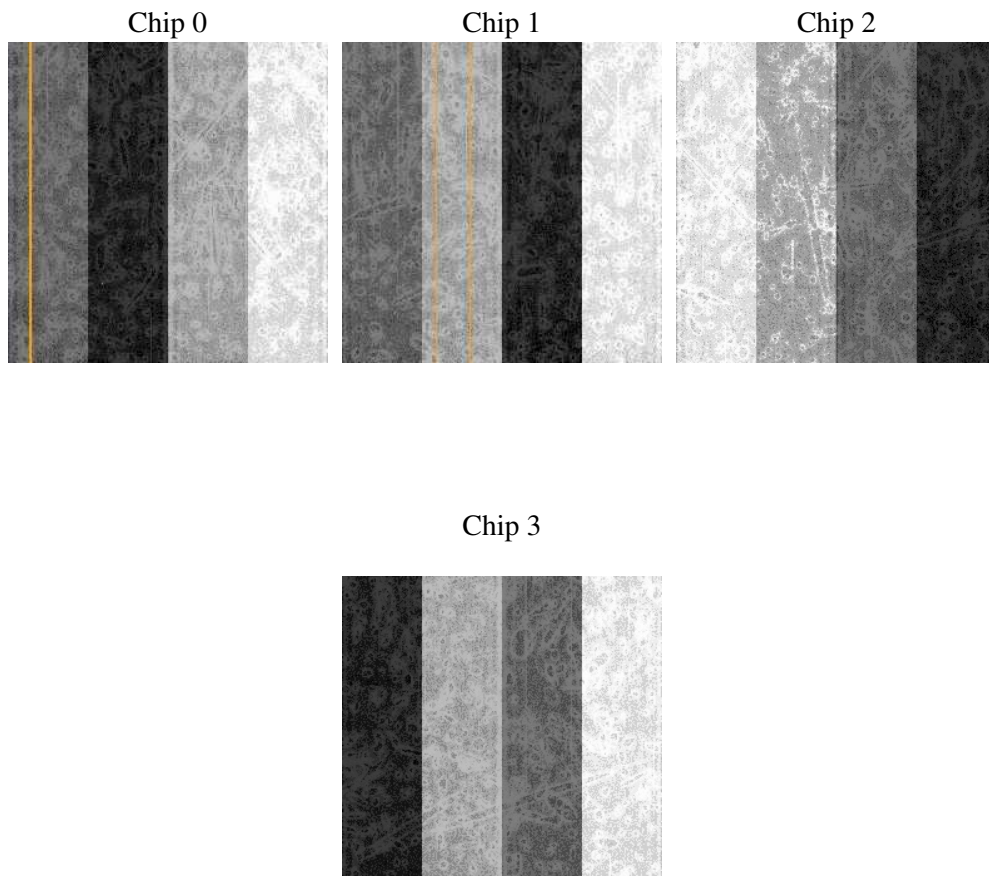
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.10
caldbver	3.3.0
date	2007-01-18T03:32:46
revision	2

sched_exp_time	30000.000000
ontime	30166.017981574
ontime0	30169.158971742
ontime1	30162.876991406
ontime2	30166.017991483
ontime3	30166.017981574
l1events	764067

2.1.4 Events

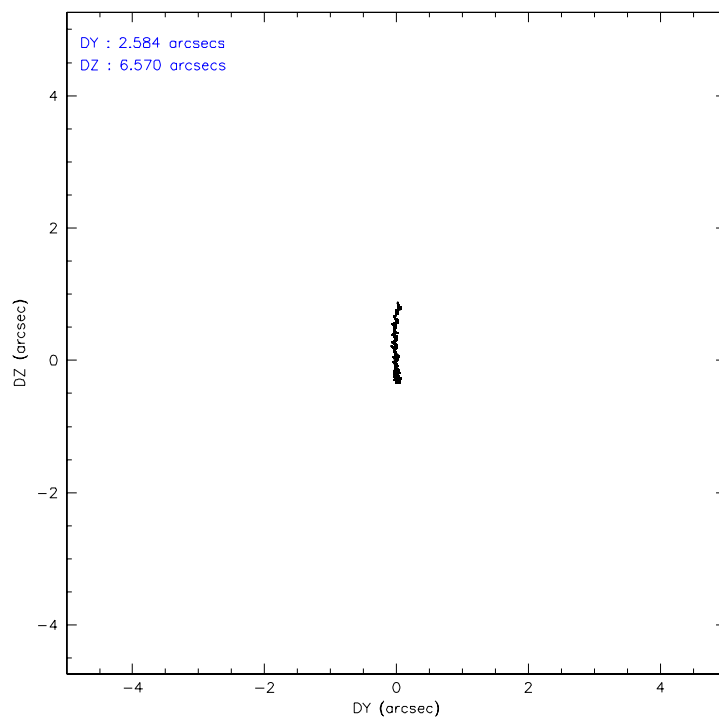
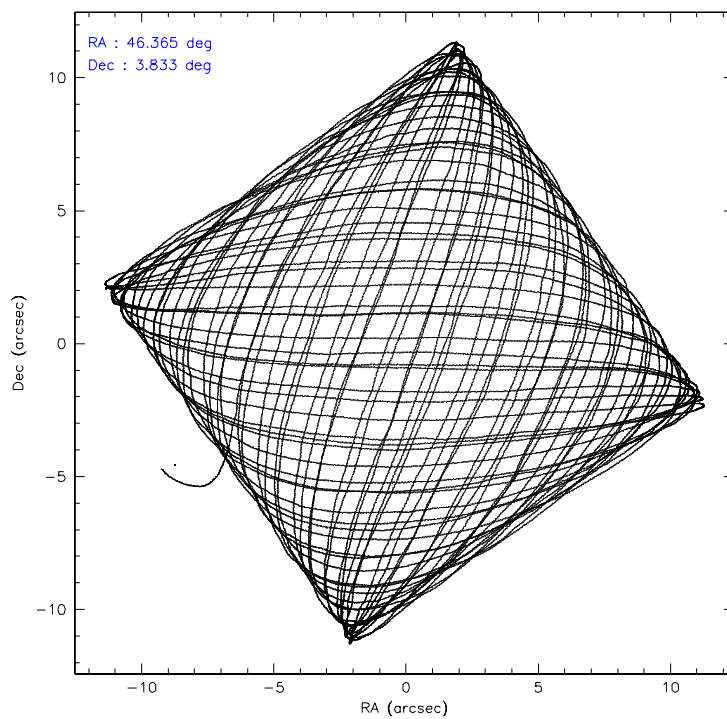
	ccd 0	ccd 1	ccd 2	ccd 3
level 1 events	182125	183818	197884	200240
rejected events	157369	158401	174435	176332
rejected %	86%	86%	88%	88%

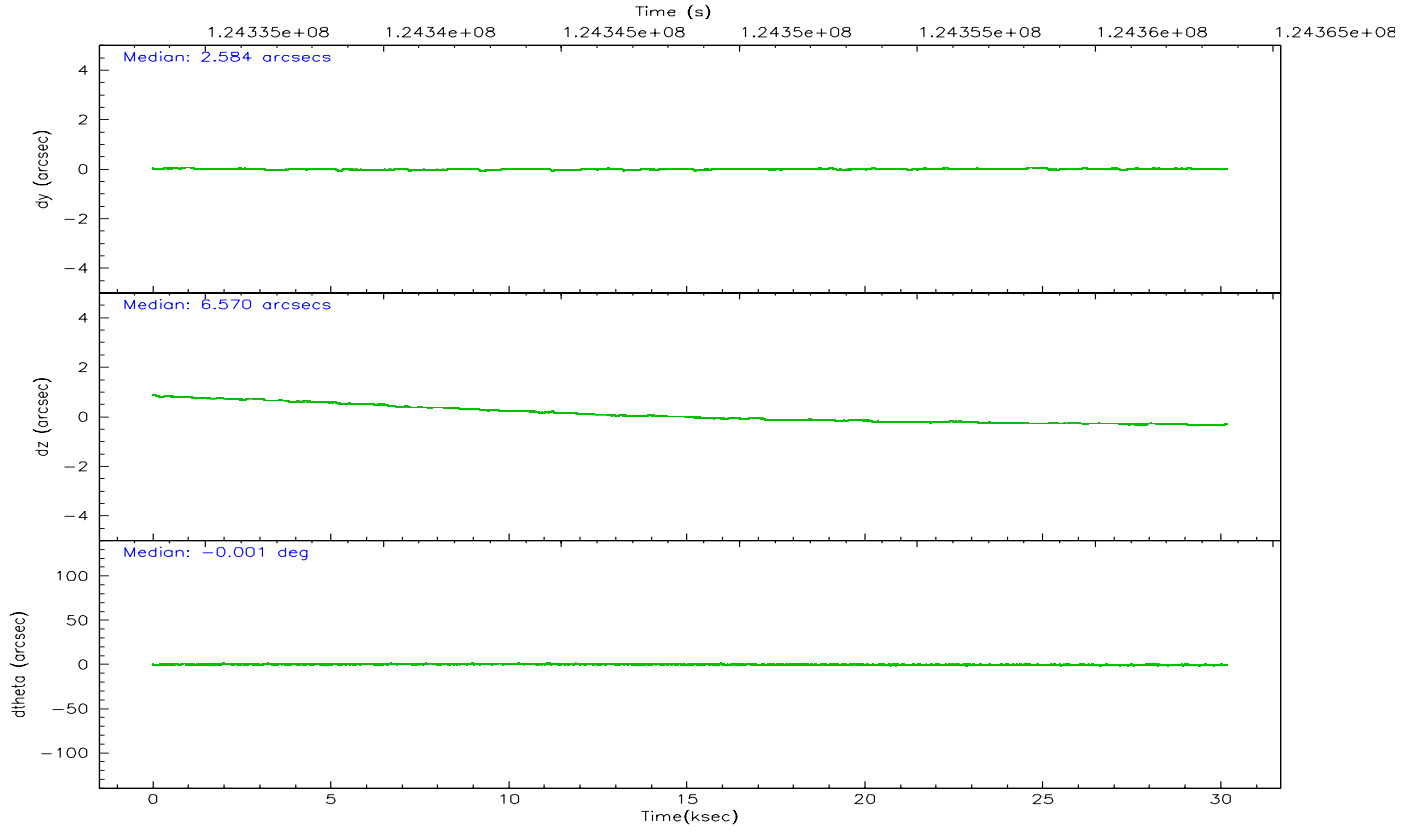
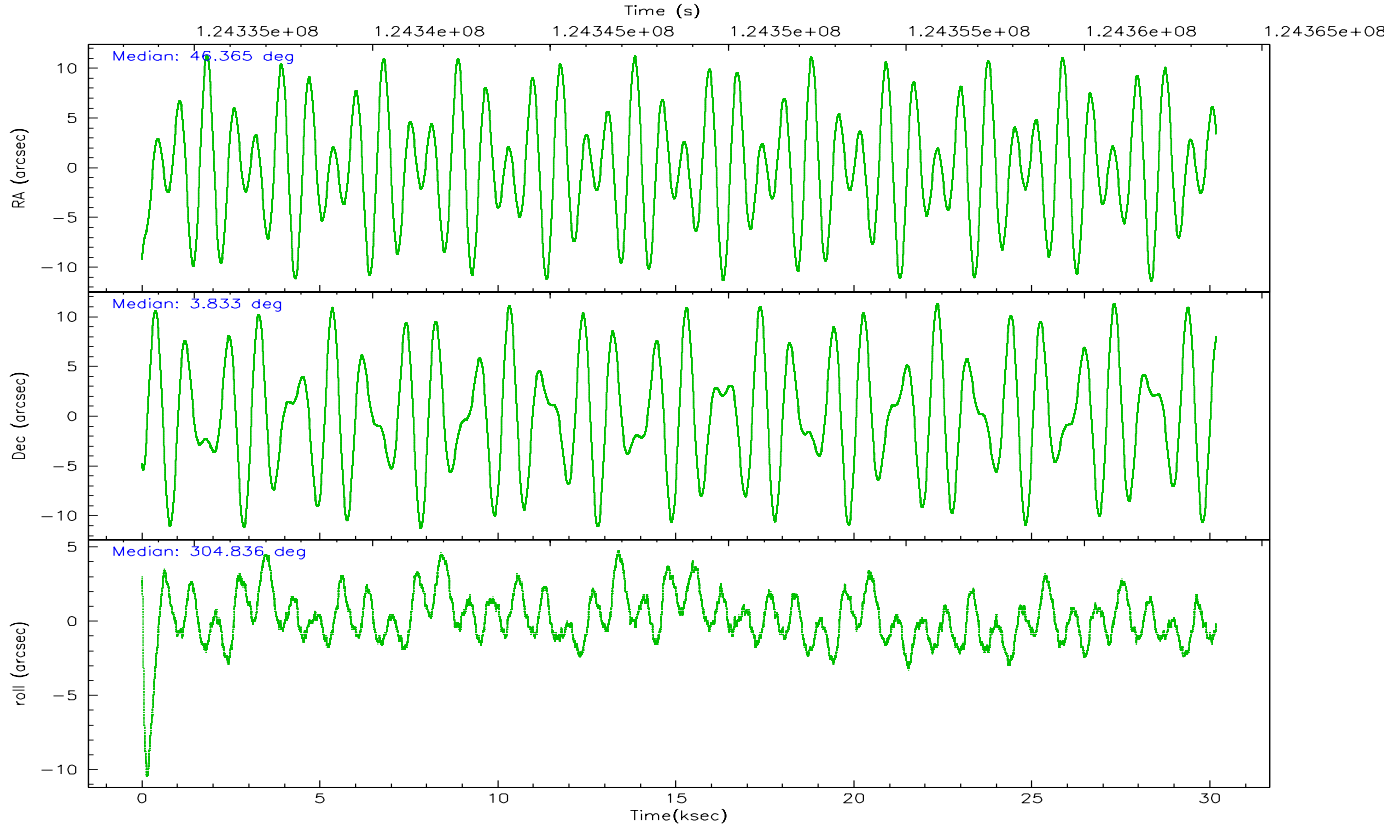
	ccd 0	ccd 1	ccd 2	ccd 3
grade 0 events	11157	10802	10630	10821
	6%	5%	5%	5%
grade 1 events	105	89	98	102
	0%	0%	0%	0%
grade 2 events	5165	5161	4989	4758
	2%	2%	2%	2%
grade 3 events	2408	2663	2178	2234
	1%	1%	1%	1%
grade 4 events	2193	2554	2099	2383
	1%	1%	1%	1%
grade 5 events	7283	7842	6954	7891
	3%	4%	3%	3%
grade 6 events	4320	4720	4016	4178
	2%	2%	2%	2%
grade 7 events	149494	149987	166920	167873
	82%	81%	84%	83%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-0123	ACIS-0123	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	46.339832	46.36472488797868	Subarray requested	NONE	NONE
Pointing Dec	3.844826	3.83322539986733	Alternating exposures requested	N	N
Pointing Roll	304.632654	304.8396716958284	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)	-233.592463	-233.5874344608287			
SIM translation stage offset (mm)	0	-0.005018542100998502			
Observation start time	124333708.184000	124332592.58576			
Observation start date	2001-12-10T01:07:24	2001-12-10T00:49:52			
Observation end time	124363708.184000	124364617.17455			
Observation end date	2001-12-10T09:27:24	2001-12-10T09:43:37			
Read mode	TIMED	TIMED			

2.3 Aspect



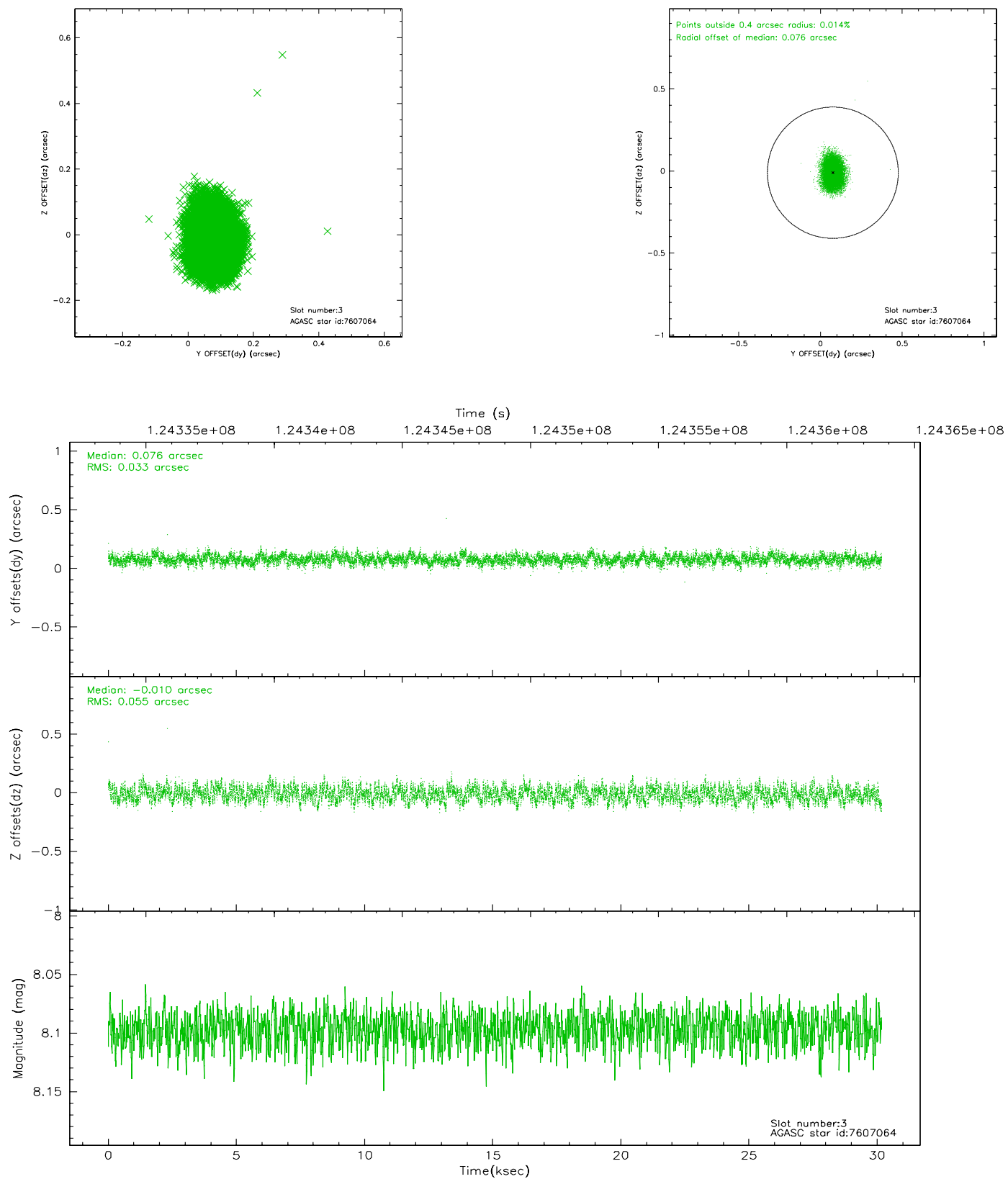


Slot Statistics

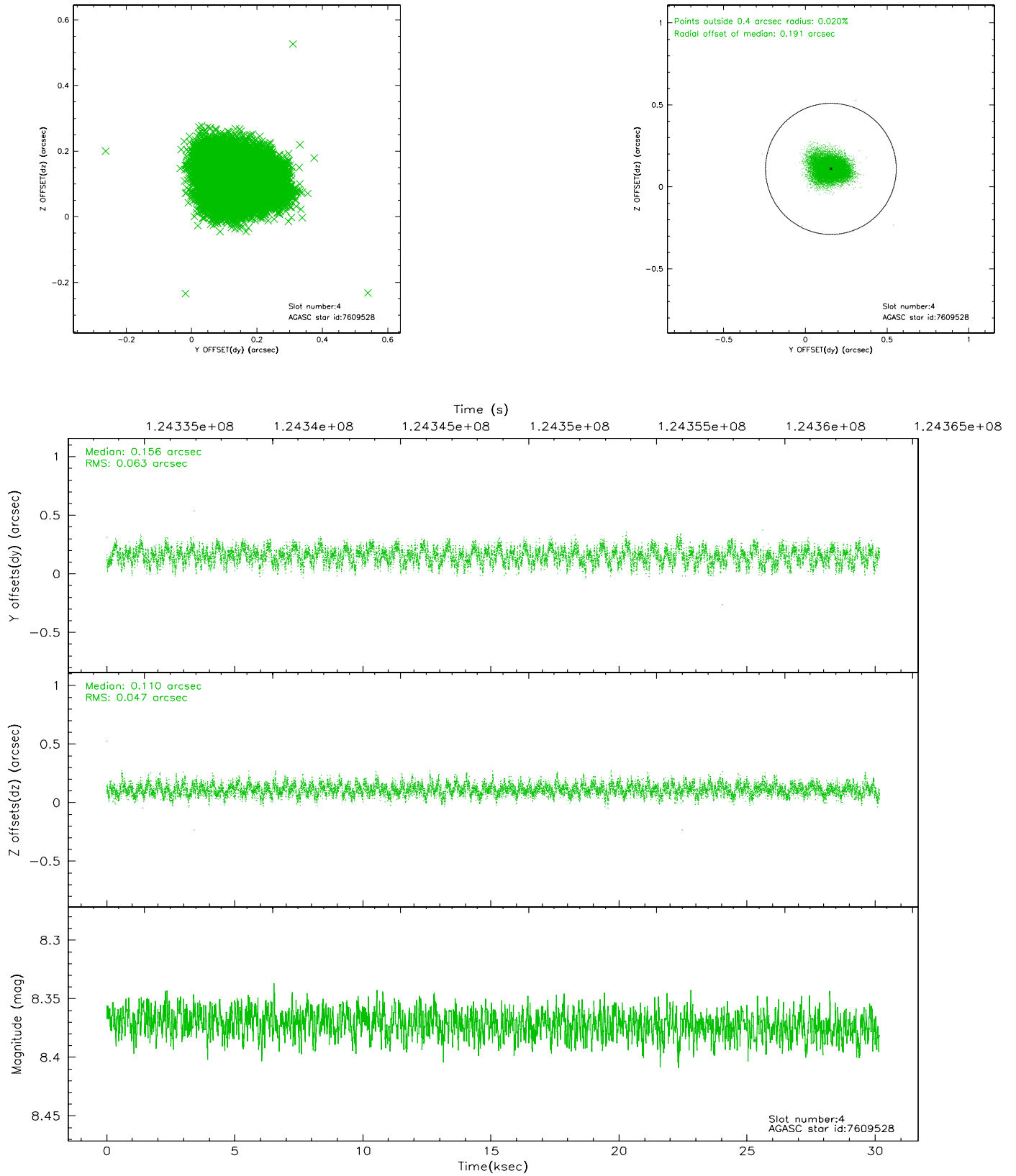
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	7358	-0.028	0.042	0.010	0.025	0.000000	0.000000	937.18	-830.03
1	FID	ACIS-I-5	7.24	7359	-0.010	0.039	0.008	0.013	0.000000	0.000000	-1810.84	1067.47
2	FID	ACIS-I-6	7.26	7360	-0.054	-0.010	0.013	0.027	0.000000	0.000000	402.67	1711.96
3	GUIDE	7607064	8.10	14721	0.076	-0.010	0.068	0.110	46.593930	3.810123	620.66	680.00
4	GUIDE	7609528	8.37	14719	0.156	0.110	0.085	0.135	46.606589	3.264522	2263.20	-398.19
5	GUIDE	7608464	9.15	14713	-0.040	-0.008	0.076	0.124	46.255189	4.465600	-2012.18	1019.87
6	GUIDE	7608696	9.35	14710	-0.158	-0.013	0.084	0.132	45.596169	3.951068	-1834.55	-1979.82
7	GUIDE	7608616	9.33	14712	-0.031	-0.073	0.110	0.177	45.692225	3.630702	-689.53	-2352.32

2.4 Star Slots

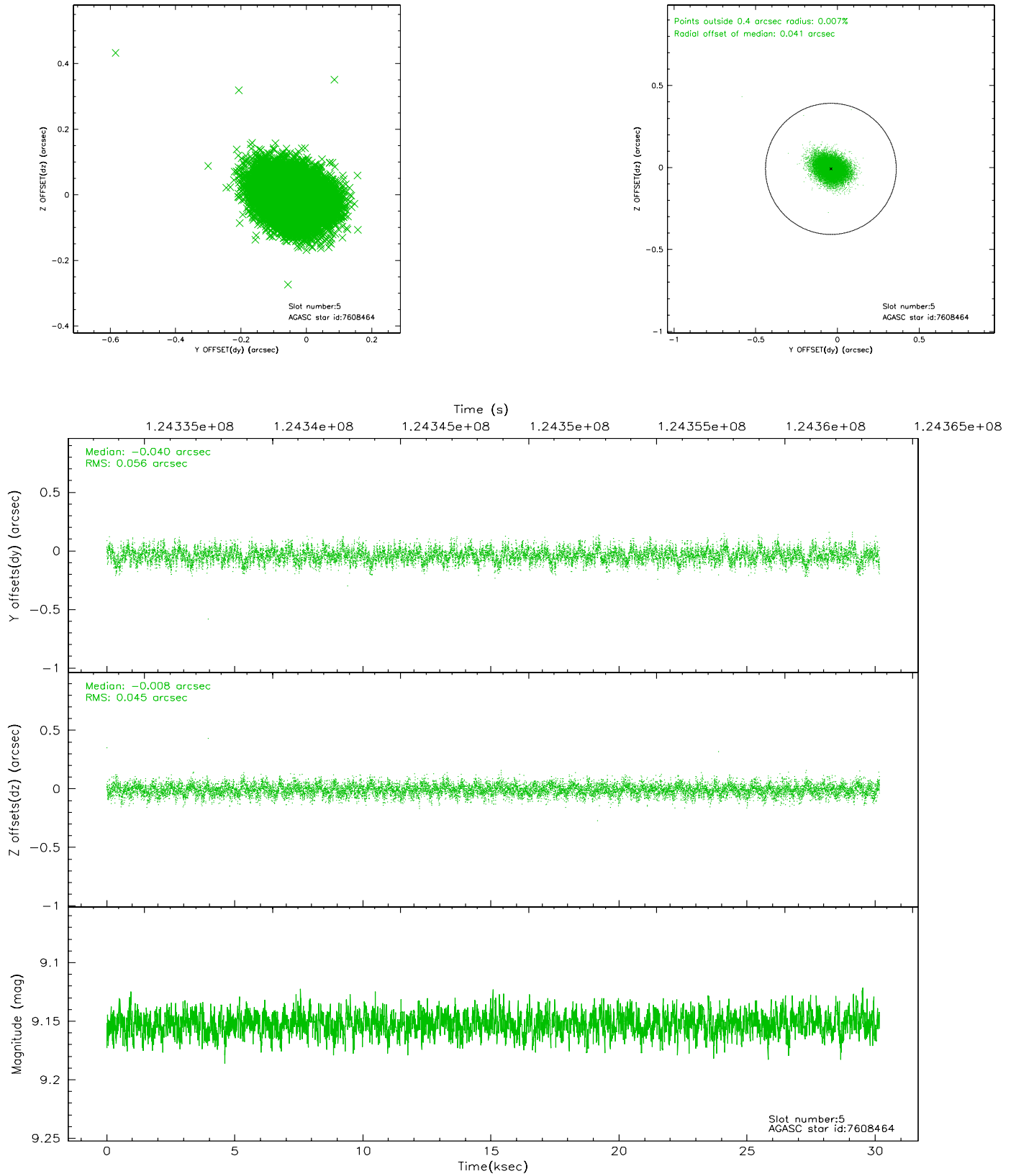
2.4.1 Slot 3



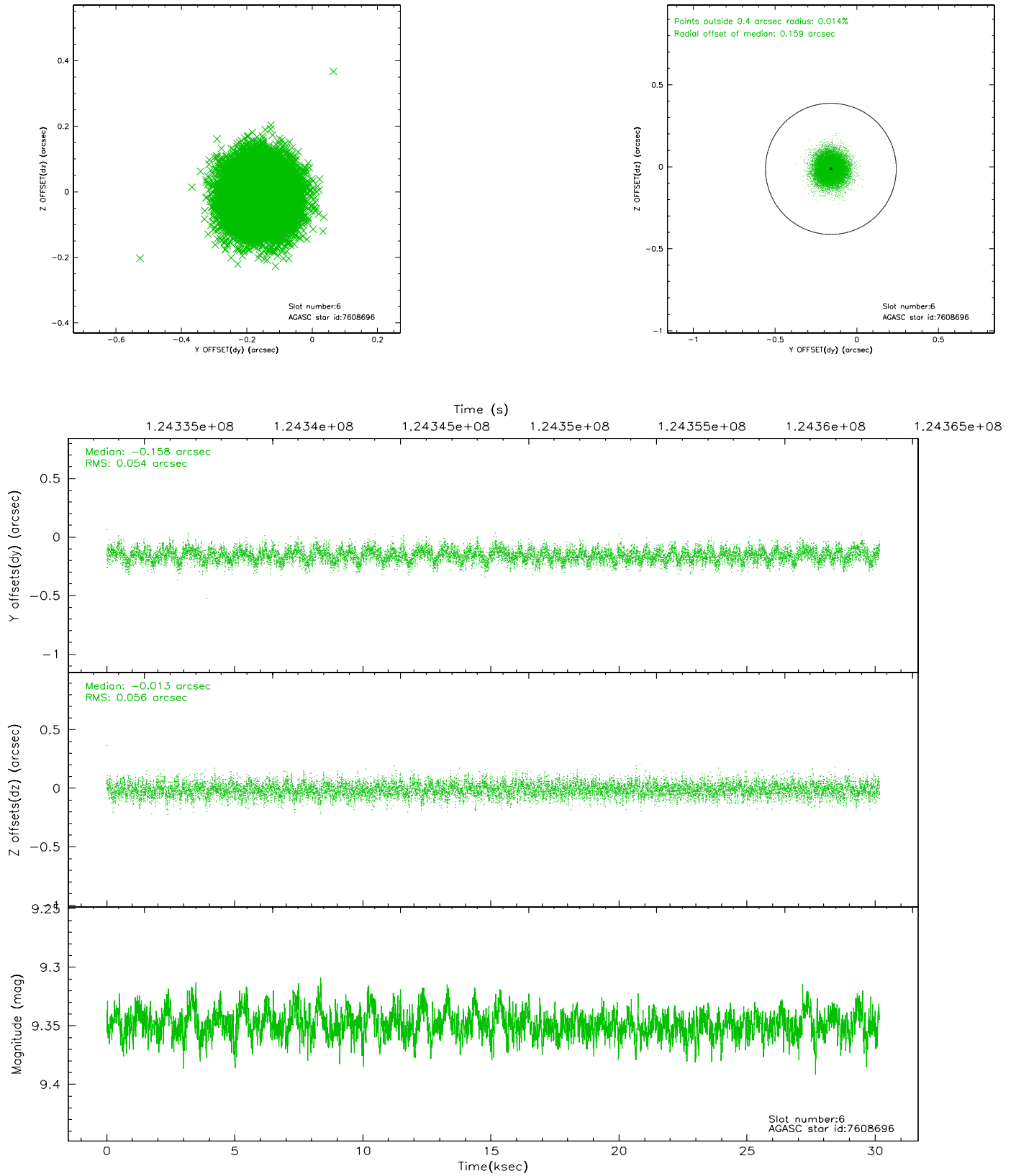
2.4.2 Slot 4



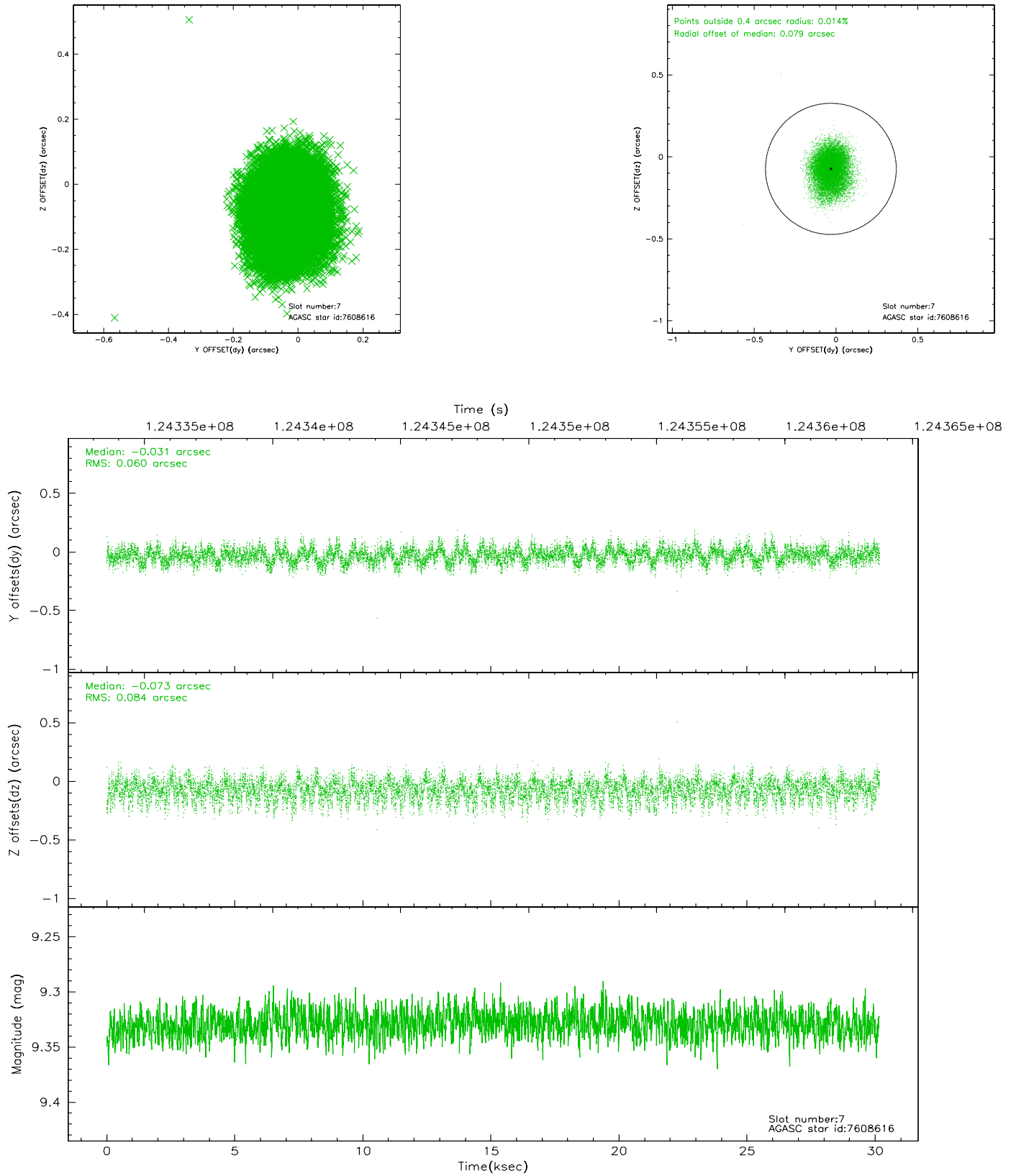
2.4.3 Slot 5



2.4.4 Slot 6

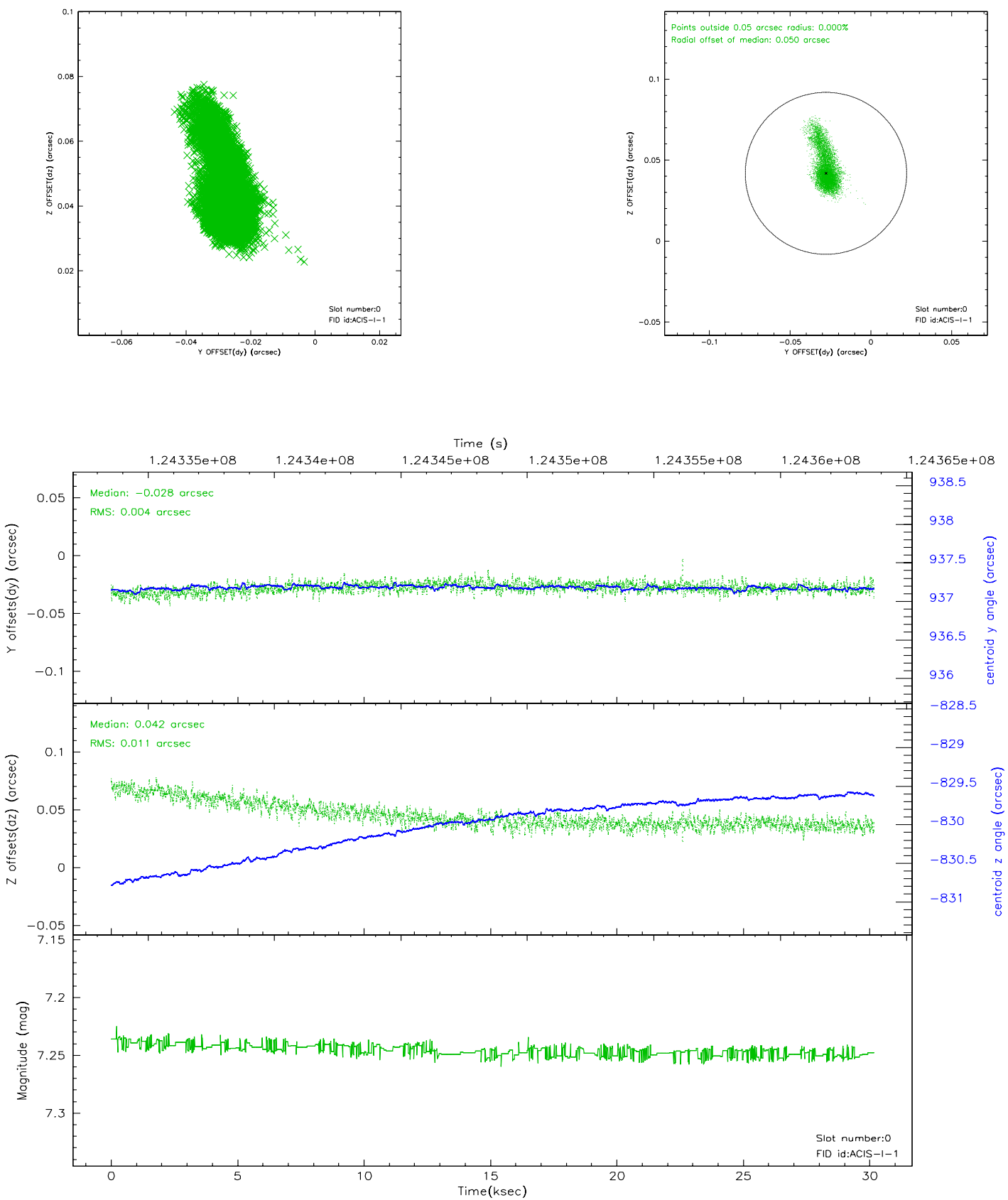


2.4.5 Slot 7

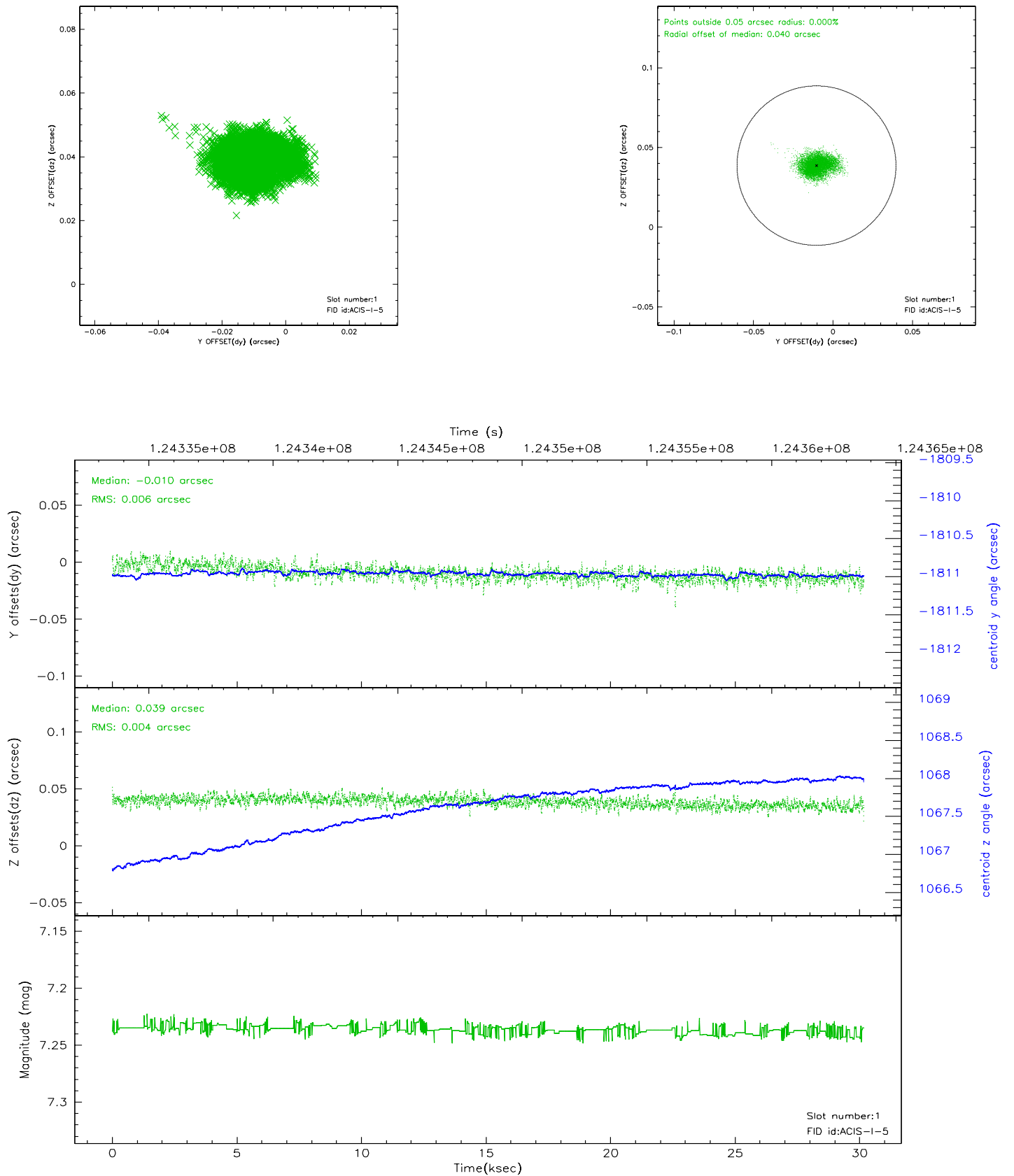


2.5 FID Slots

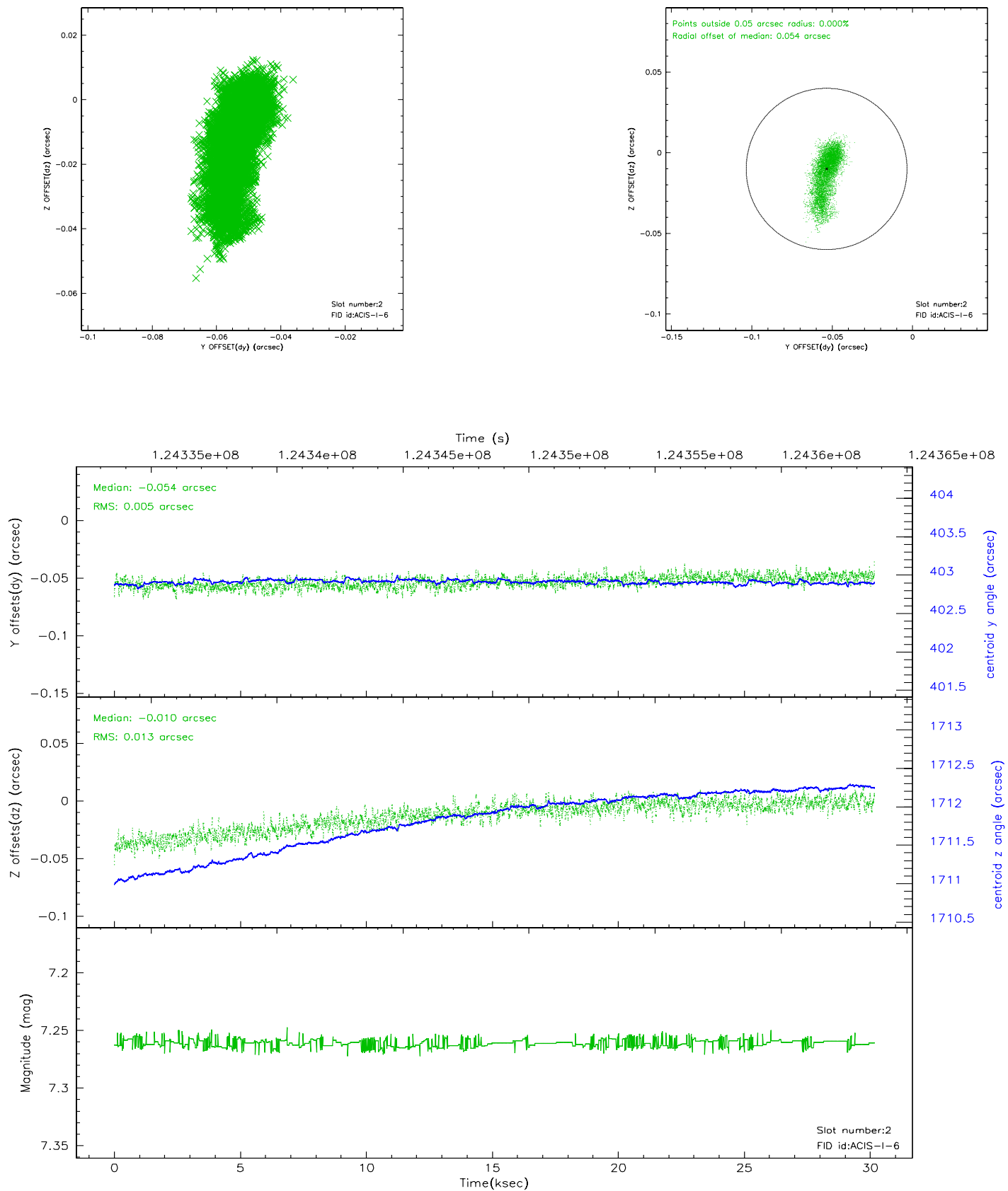
2.5.1 Slot 0



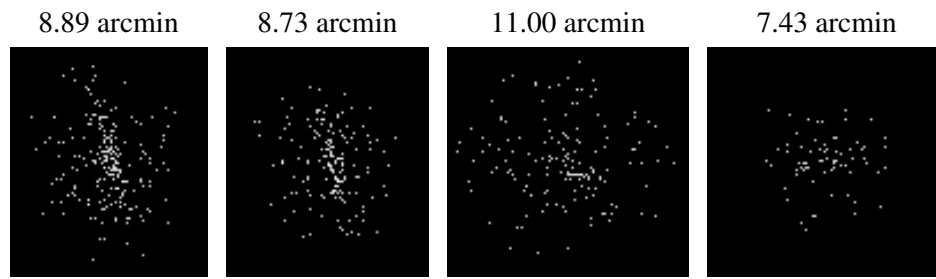
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2007.01.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	30.166

A.2 Comments