

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 1037 - L2 Version 001
Chandra X-Ray Center

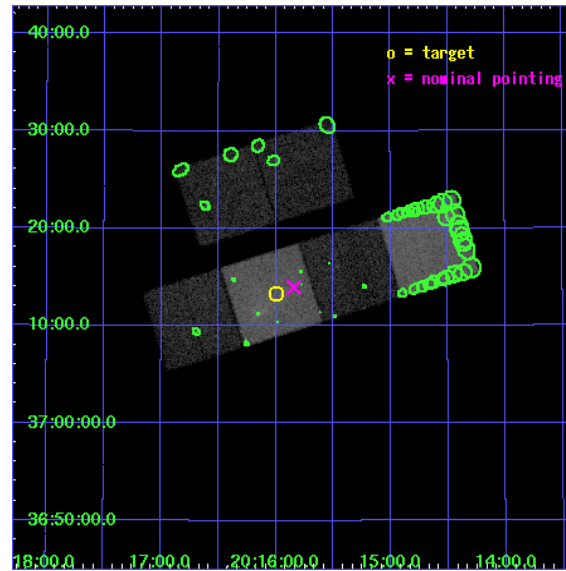
L2 Processing Date : Dec 11 2006

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1 Front

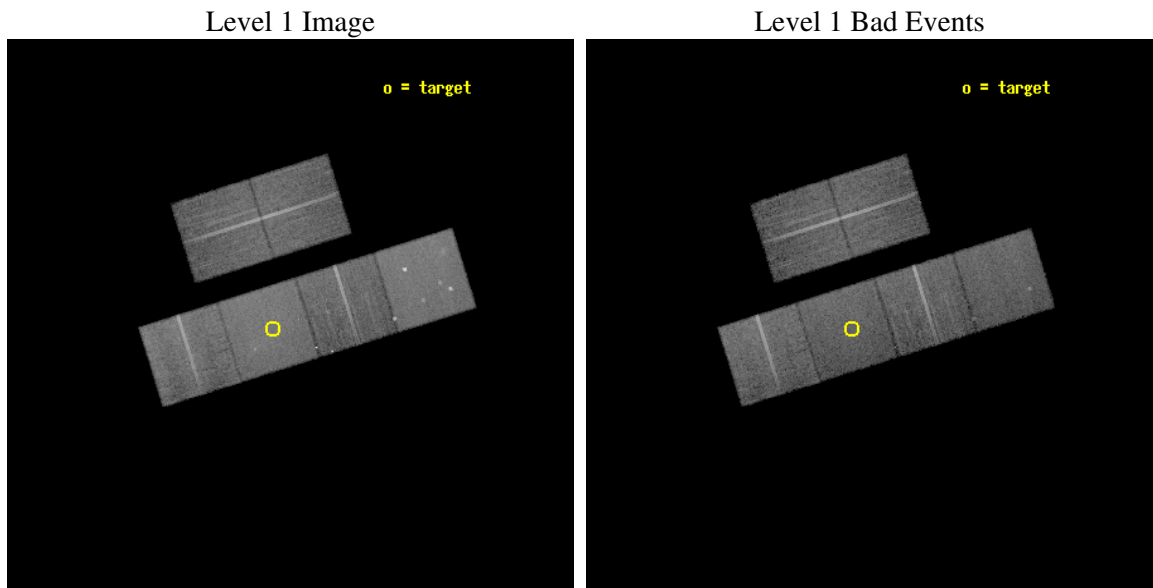
seq_num	500103
obs_id	1037
title	G0.9+0.1 AND G74.9+1.2
observer	Professor Gordon Garmire
object	G74.9+1.2
dtcycle	0
cycle	P
ra_targ	304.0
dec_targ	37.220833
ra_nom	303.96097023553
dec_nom	37.232496792692
roll_nom	162.58415554322
revision	2
ontime	18060.80001682
livetime	17832.103292099
ontime2	18060.80001682
ontime3	18060.80001682
ontime5	18060.80001682
ontime6	18060.80001682
ontime7	18060.80001682
ontime8	18060.80001682
l2events	184266



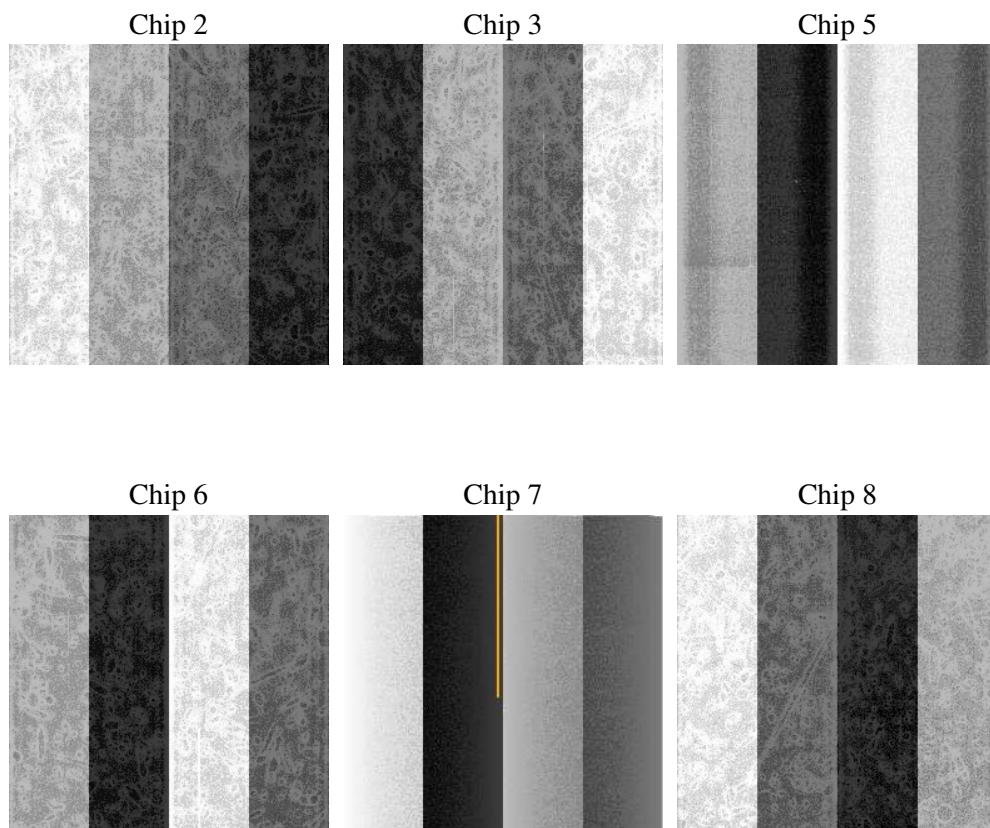
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldsver	3.2.4
date	2006-12-11T20:45:37
revision	2

sched_exp_time	18000.000000
ontime	18065.328796759
ontime2	18065.328796759
ontime3	18065.328796759
ontime5	18065.328796759
ontime6	18065.328796759
ontime7	18065.328796759
ontime8	18065.328796759
l1events	832888

2.1.4 Events

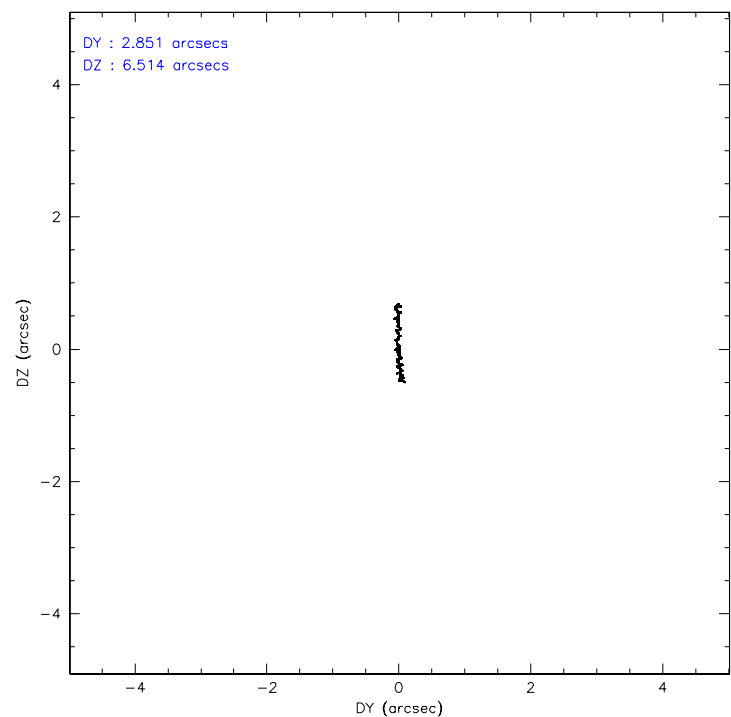
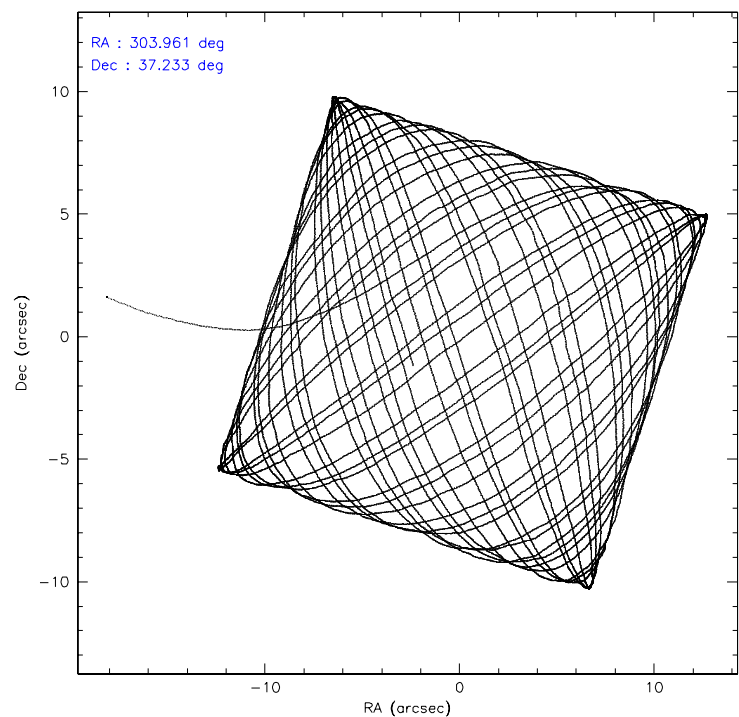
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	120798	116843	168894	122051	156920	147382
rejected events	106662	103052	92139	106047	92663	117867
rejected %	88%	88%	54%	86%	59%	79%

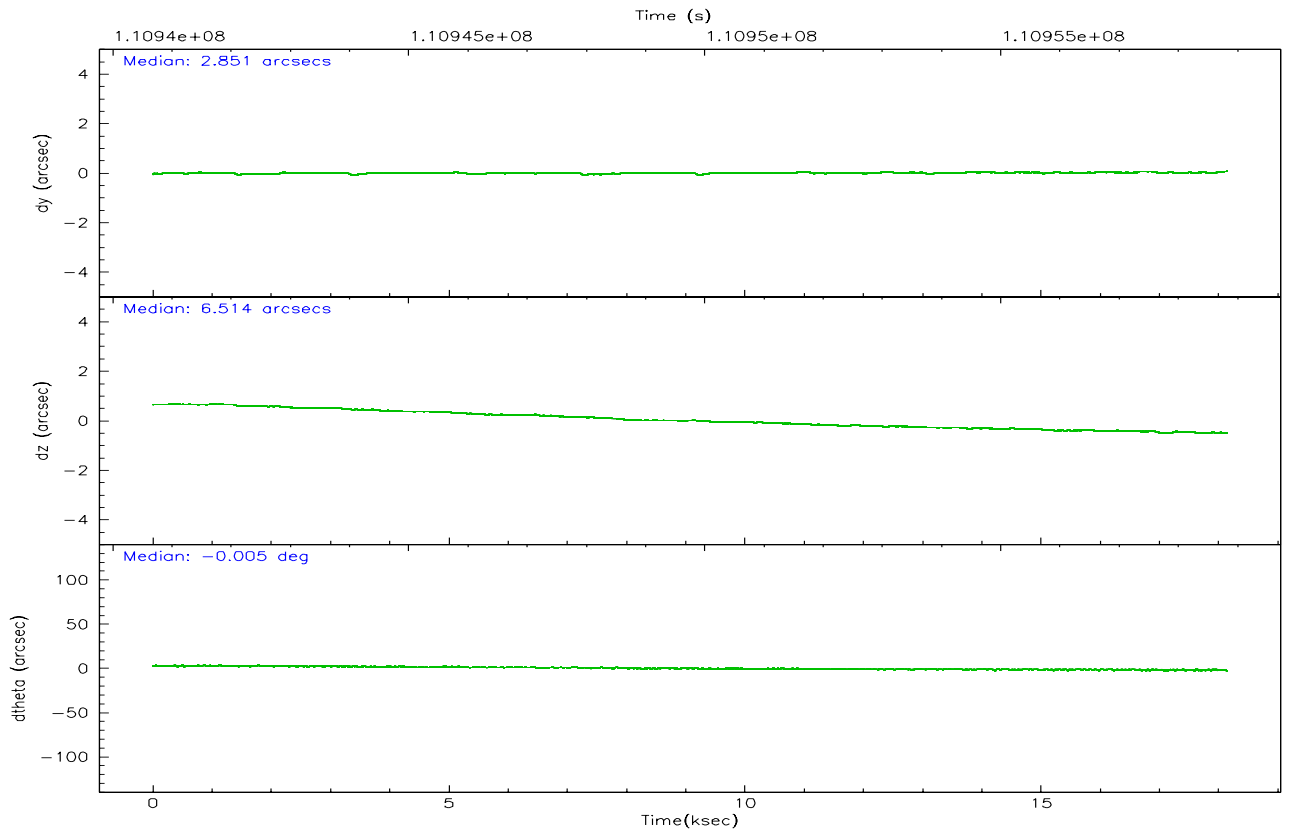
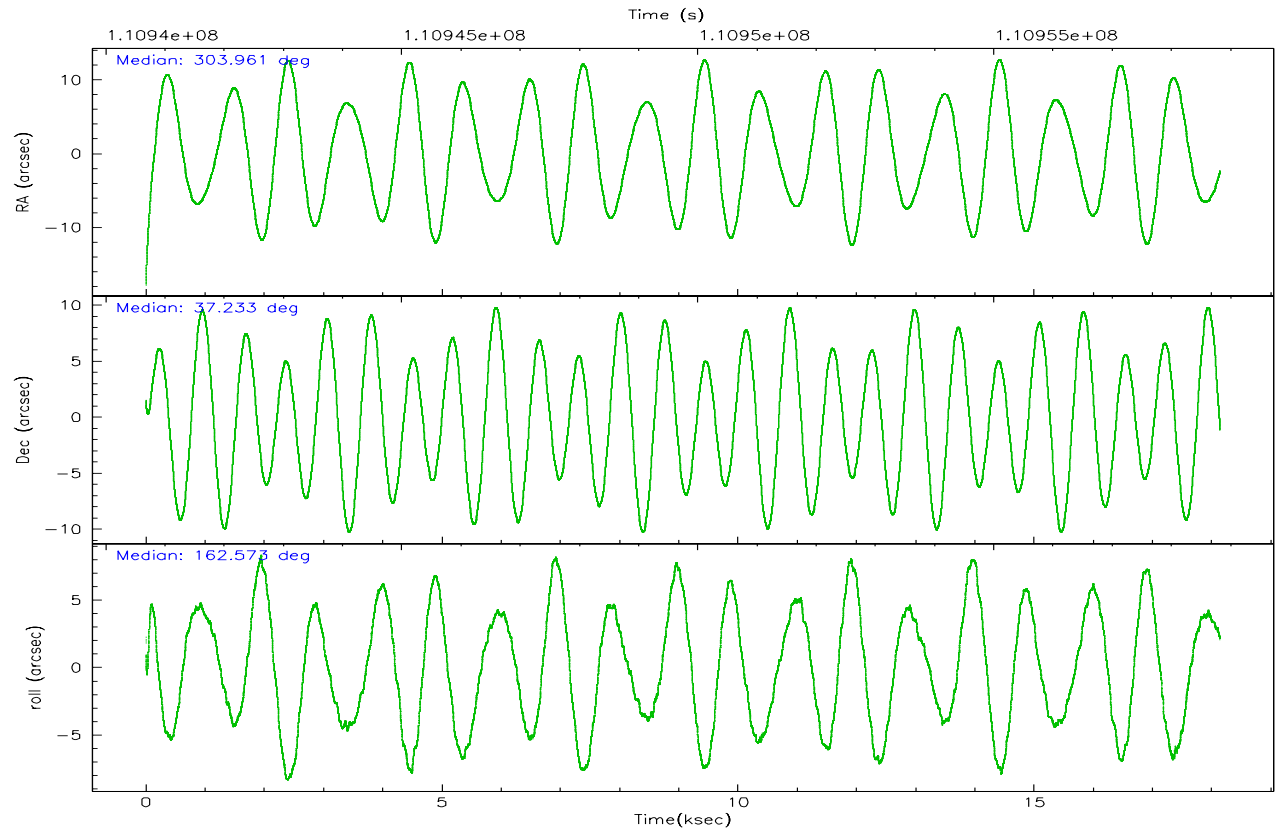
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	6241	6179	8553	7501	4798	9741
	5%	5%	5%	6%	3%	6%
grade 1 events	50	65	245	85	105	85
	0%	0%	0%	0%	0%	0%
grade 2 events	2892	2654	23045	2942	16112	6578
	2%	2%	13%	2%	10%	4%
grade 3 events	1286	1305	1985	1429	3696	2854
	1%	1%	1%	1%	2%	1%
grade 4 events	1291	1326	1873	1373	3765	2748
	1%	1%	1%	1%	2%	1%
grade 5 events	4114	4579	8001	4996	10485	6368
	3%	3%	4%	4%	6%	4%
grade 6 events	2430	2331	41311	2761	35896	7598
	2%	1%	24%	2%	22%	5%
grade 7 events	102494	98404	83881	100964	82063	111410
	84%	84%	49%	82%	52%	75%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-235678	ACIS-235678	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	303.994342	303.9609702355304	Subarray requested	NONE	NONE
Pointing Dec	37.238698	37.23249679269166	Alternating exposures requested	N	N
Pointing Roll	162.407347	162.584155543222	Primary exposure time	0.000000	3.2
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1425803651734			
SIM translation stage offset (mm)	0	0.01005778216563158			
Observation start time	110940823.184000	110939806.24289			
Observation start date	2001-07-08T00:52:39	2001-07-08T00:36:46			
Observation end time	110958823.184000	110959563.11867			
Observation end date	2001-07-08T05:52:39	2001-07-08T06:06:03			
Read mode	TIMED	TIMED			

2.3 Aspect



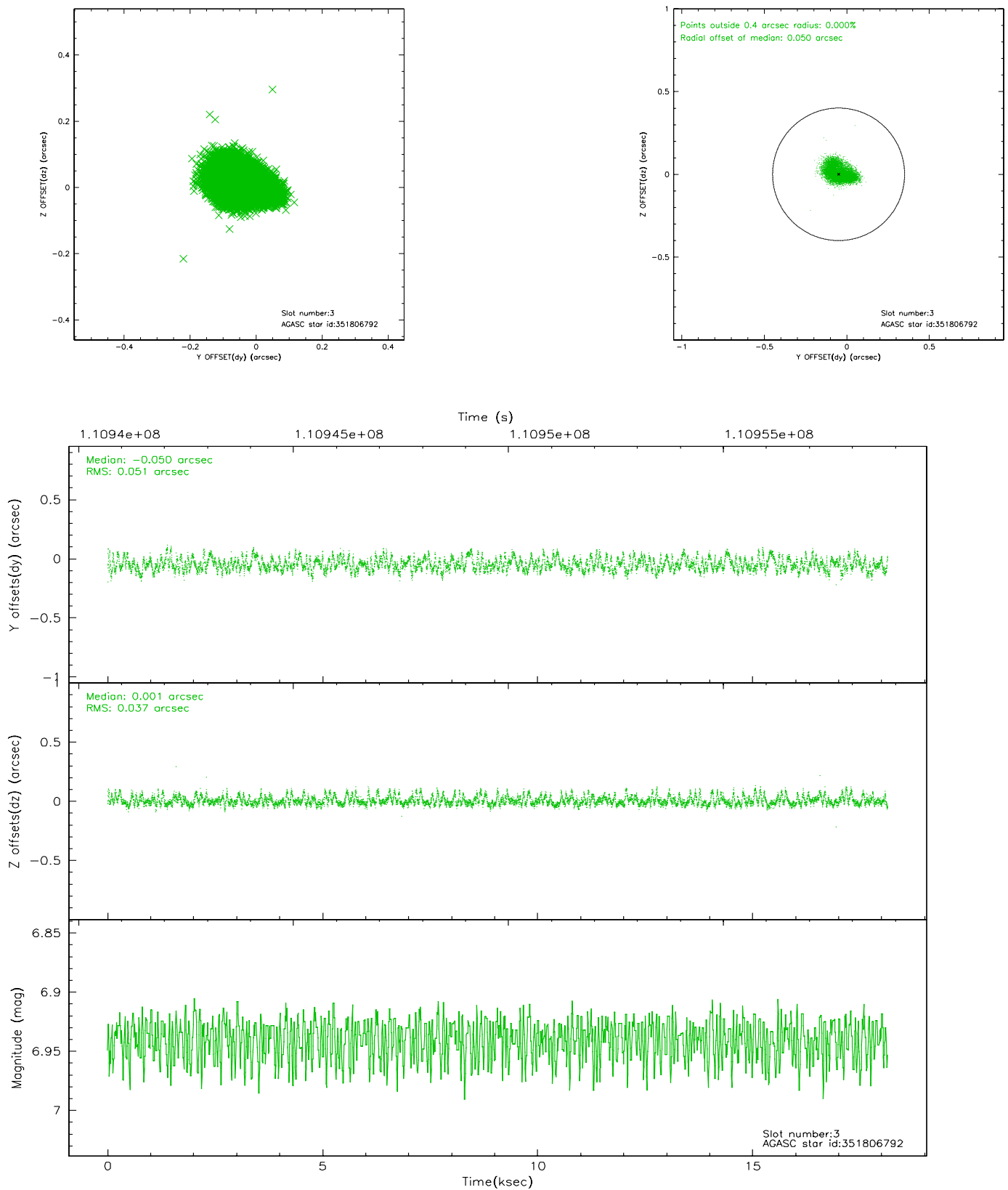


Slot Statistics

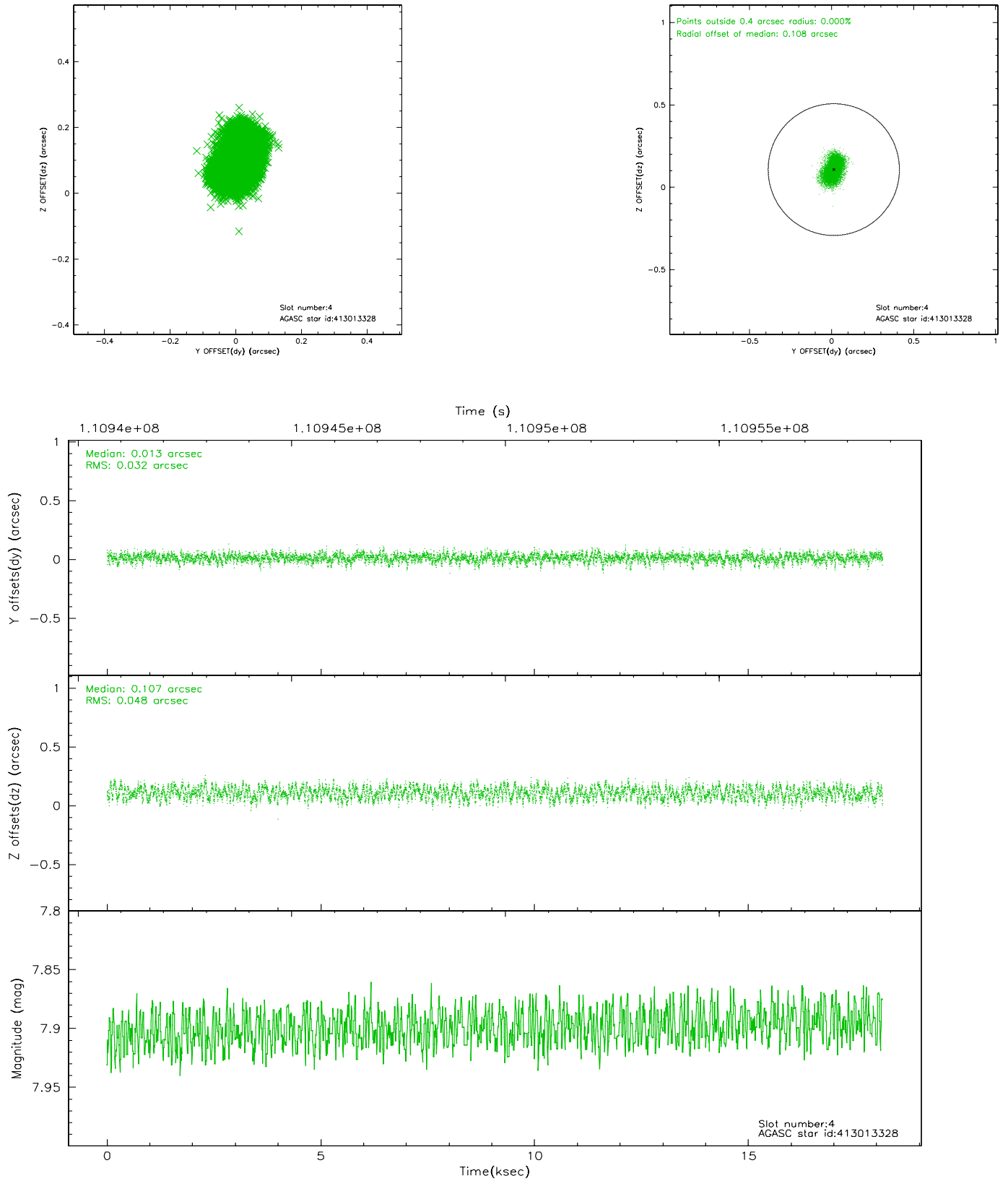
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	4424	-0.004	0.039	0.010	0.017	0.000000	0.000000	-755.47	-1727.63
1	FID	ACIS-S-4	7.20	4424	-0.100	-0.009	0.009	0.016	0.000000	0.000000	2157.58	180.61
2	FID	ACIS-S-5	7.23	4425	0.072	-0.021	0.008	0.013	0.000000	0.000000	-1807.98	174.47
3	GUIDE	351806792	6.94	8849	-0.050	0.001	0.070	0.107	304.117302	37.056402	-535.56	519.08
4	GUIDE	413013328	7.90	8847	0.013	0.107	0.062	0.097	304.245350	37.681420	-199.80	-1735.60
5	GUIDE	351806216	8.06	8848	0.066	0.080	0.065	0.102	304.172520	37.448440	-257.24	-873.71
6	GUIDE	351812544	8.14	8847	-0.048	-0.045	0.059	0.093	304.201324	37.157547	-654.67	98.69
7	GUIDE	351693128	8.07	8845	0.018	-0.145	0.066	0.112	303.632362	36.660995	367.59	2297.05

2.4 Star Slots

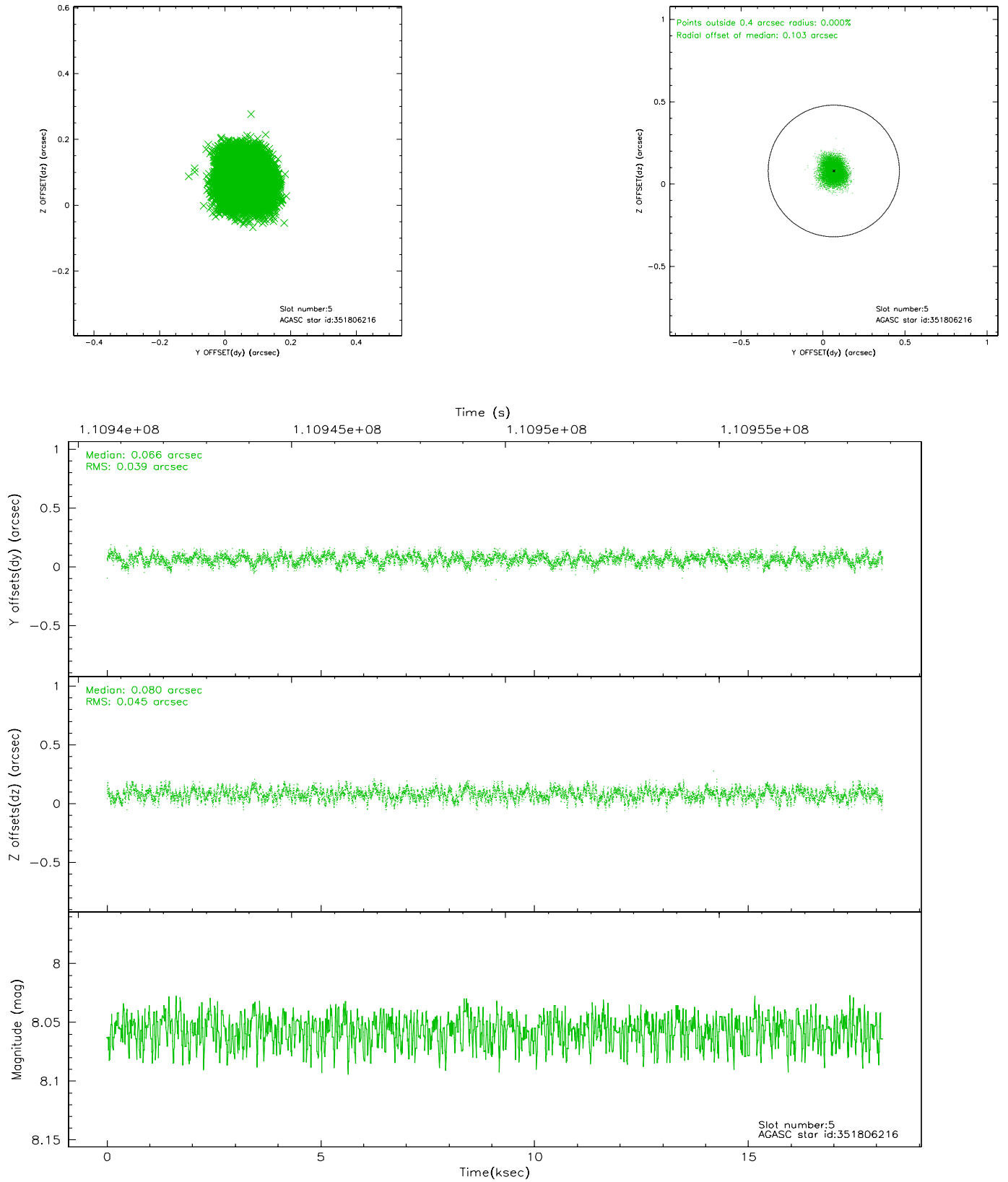
2.4.1 Slot 3



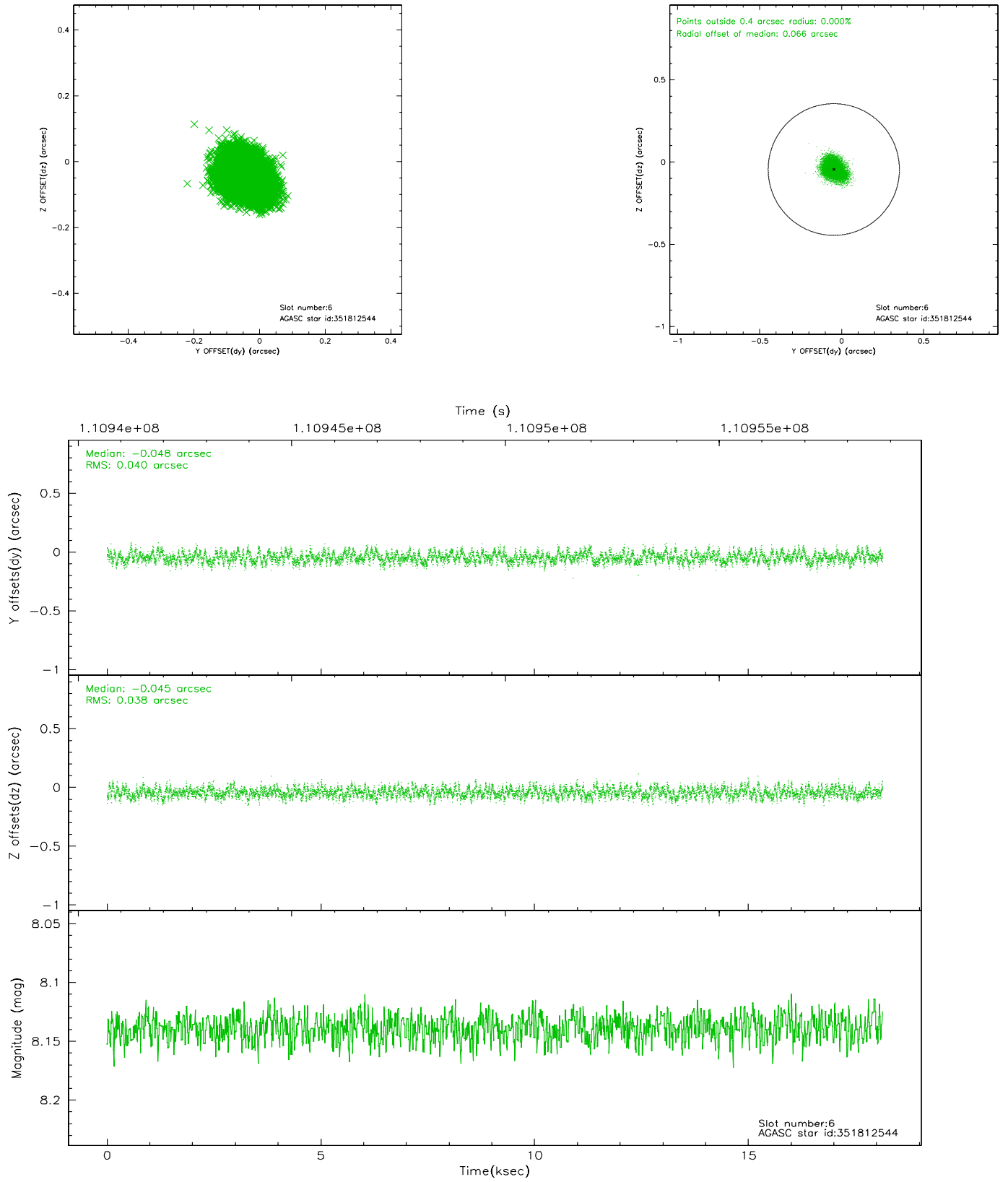
2.4.2 Slot 4



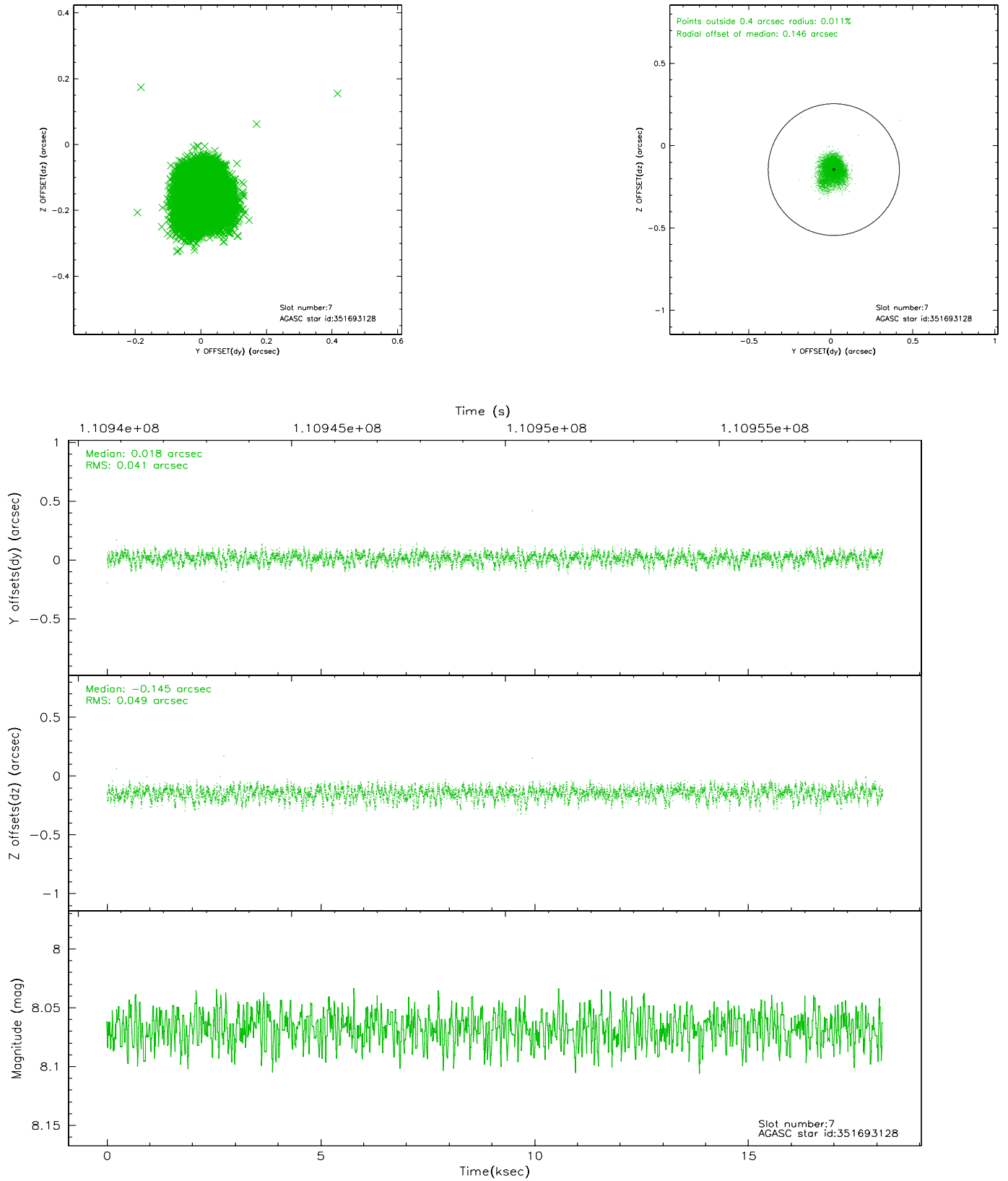
2.4.3 Slot 5



2.4.4 Slot 6

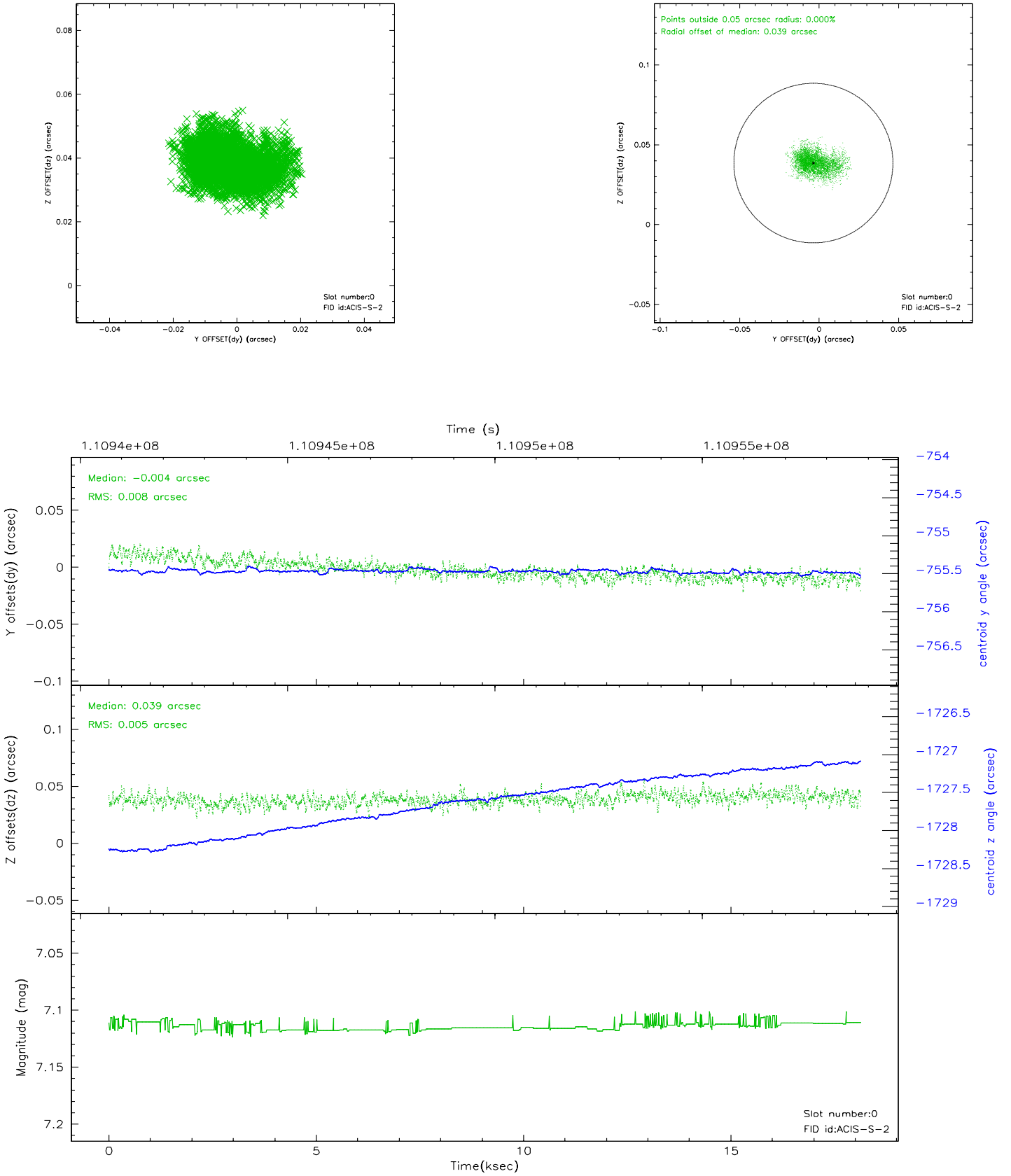


2.4.5 Slot 7

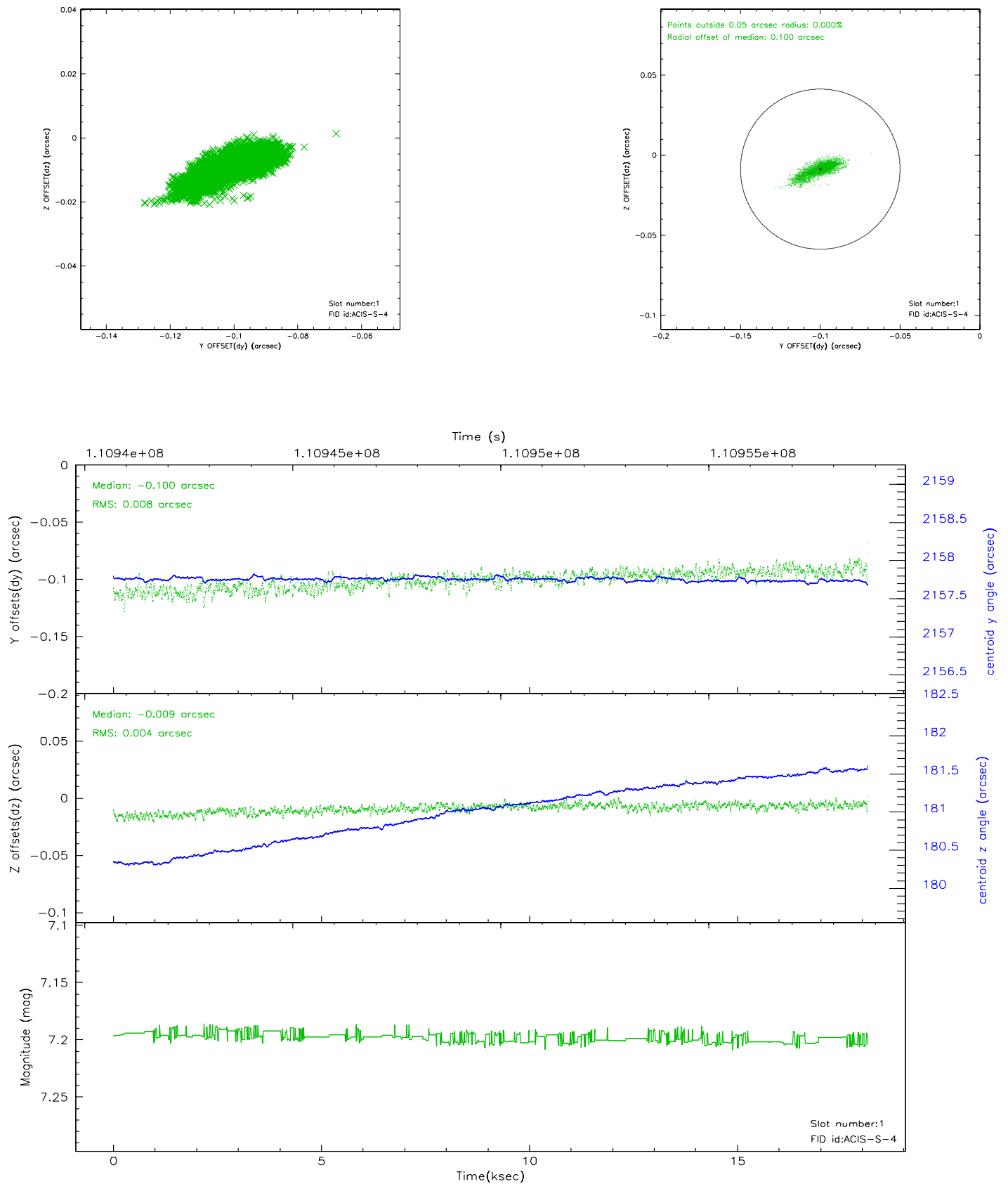


2.5 FID Slots

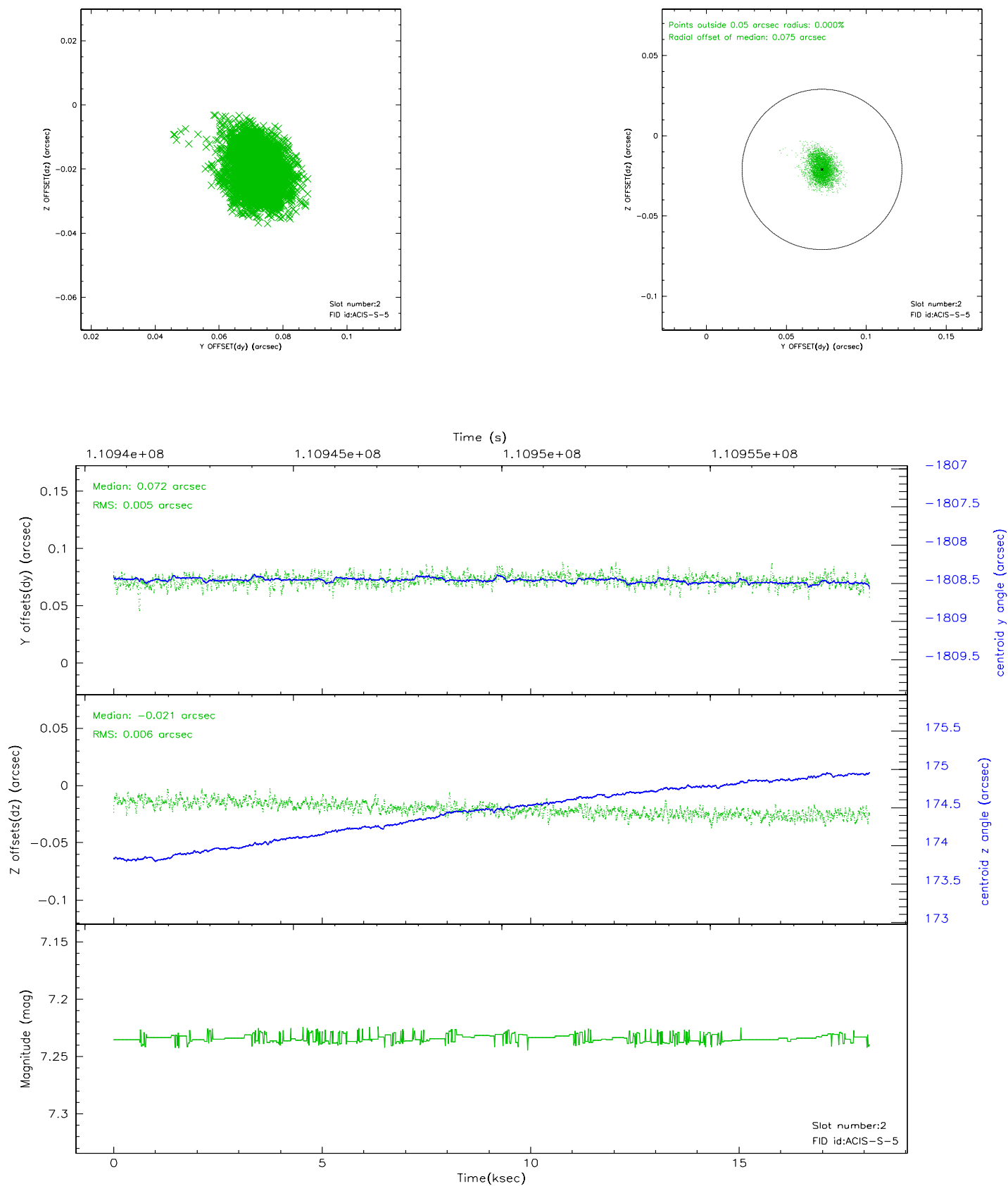
2.5.1 Slot 0



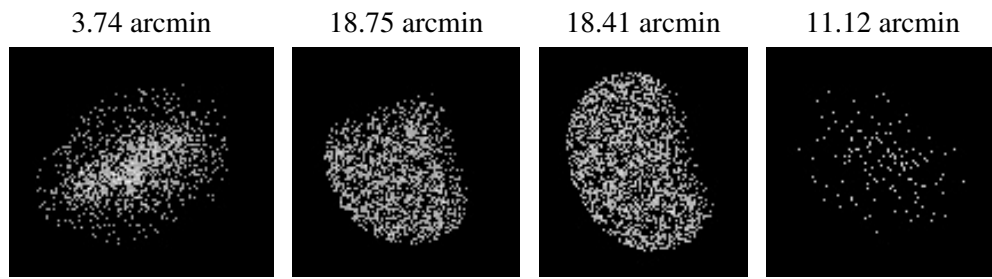
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.12.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	18.06

A.2 Comments