

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 4664 - L2 Version 001
Chandra X-Ray Center

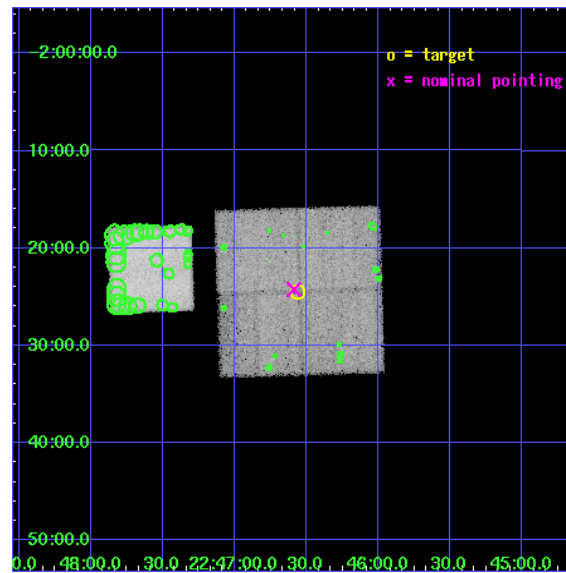
L2 Processing Date : Apr 18 2006

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1 Front

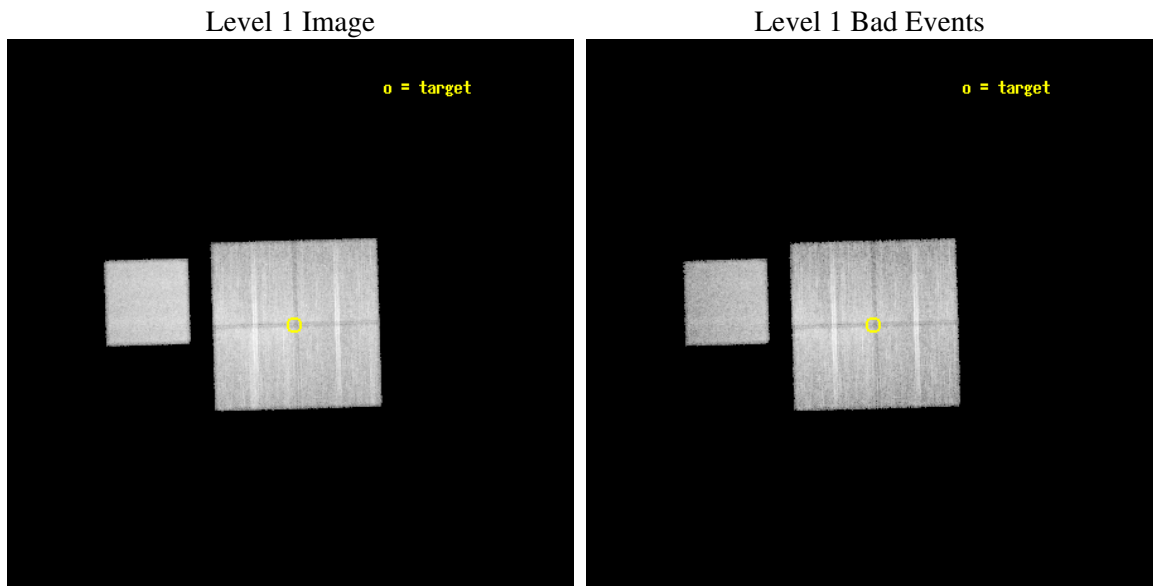
seq_num	500483
obs_id	4664
title	The Energetics and Host Galaxies of X-Ray Flashes
observer	Dr Derek Fox
object	XRF040825
dtcycle	0
cycle	P
ra_targ	341.640417
dec_targ	-2.407917
ra_nom	341.64706098408
dec_nom	-2.4040408003762
roll_nom	268.36014128253
revision	2
ontime	18172.15898481
livetime	17934.726349525
ontime0	18172.159004807
ontime1	18172.15898481
ontime2	18172.159004718
ontime3	18172.15898481
ontime7	18175.299965054
l2events	190101



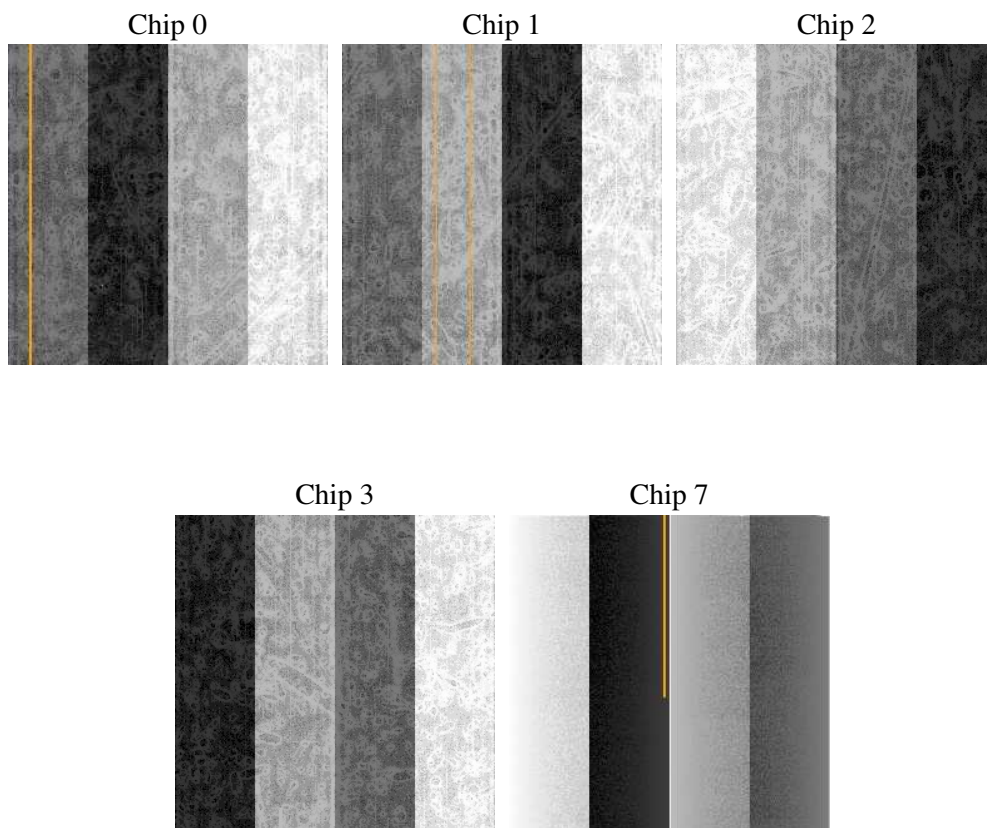
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.7.1
caldbver	3.2.1
date	2006-04-18T16:53:30
revision	2

sched_exp_time	18000.000000
ontime	18393.729651451
ontime0	18393.729671448
ontime1	18393.729651451
ontime2	18393.729671359
ontime3	18393.729651451
ontime7	18396.870651603
l1events	911987

2.1.4 Events

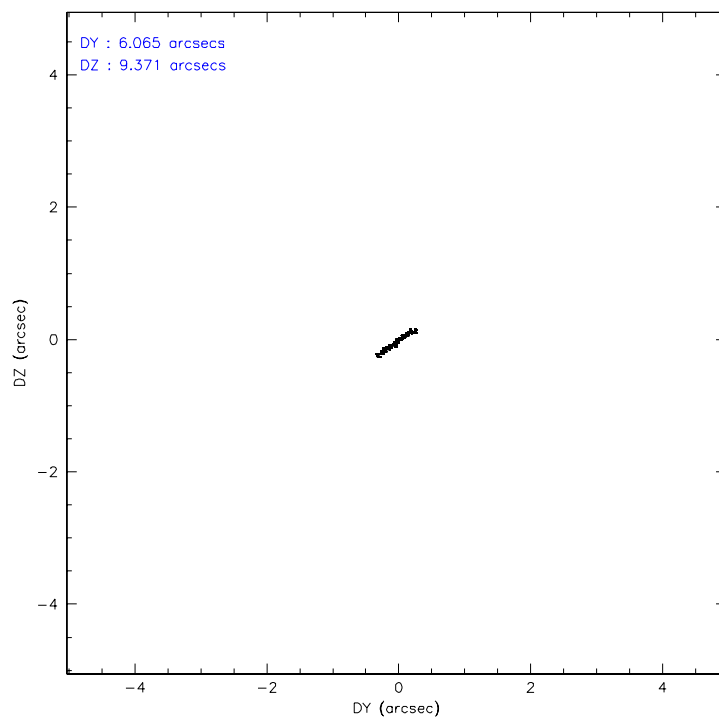
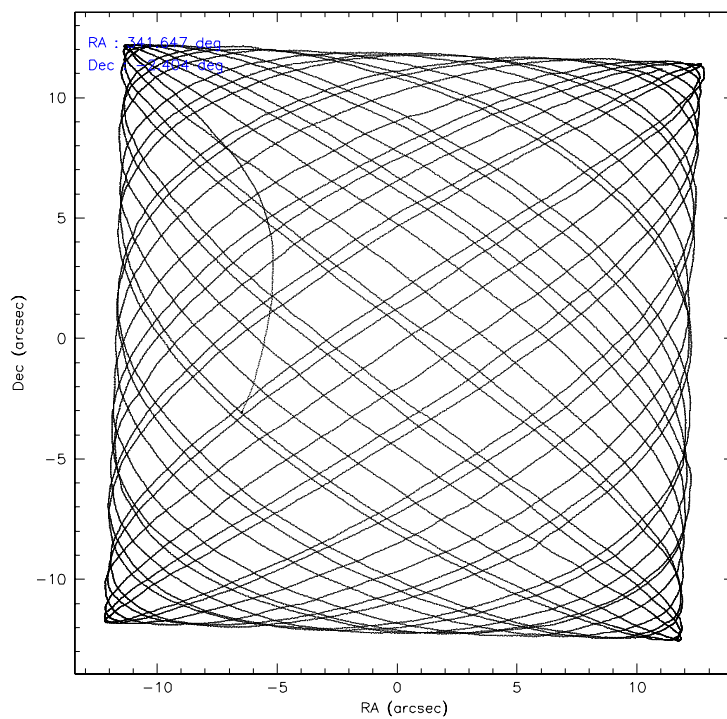
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 7
level 1 events	160963	172163	200214	185707	192940
rejected events	124970	136863	162700	152730	116454
rejected %	77%	79%	81%	82%	60%

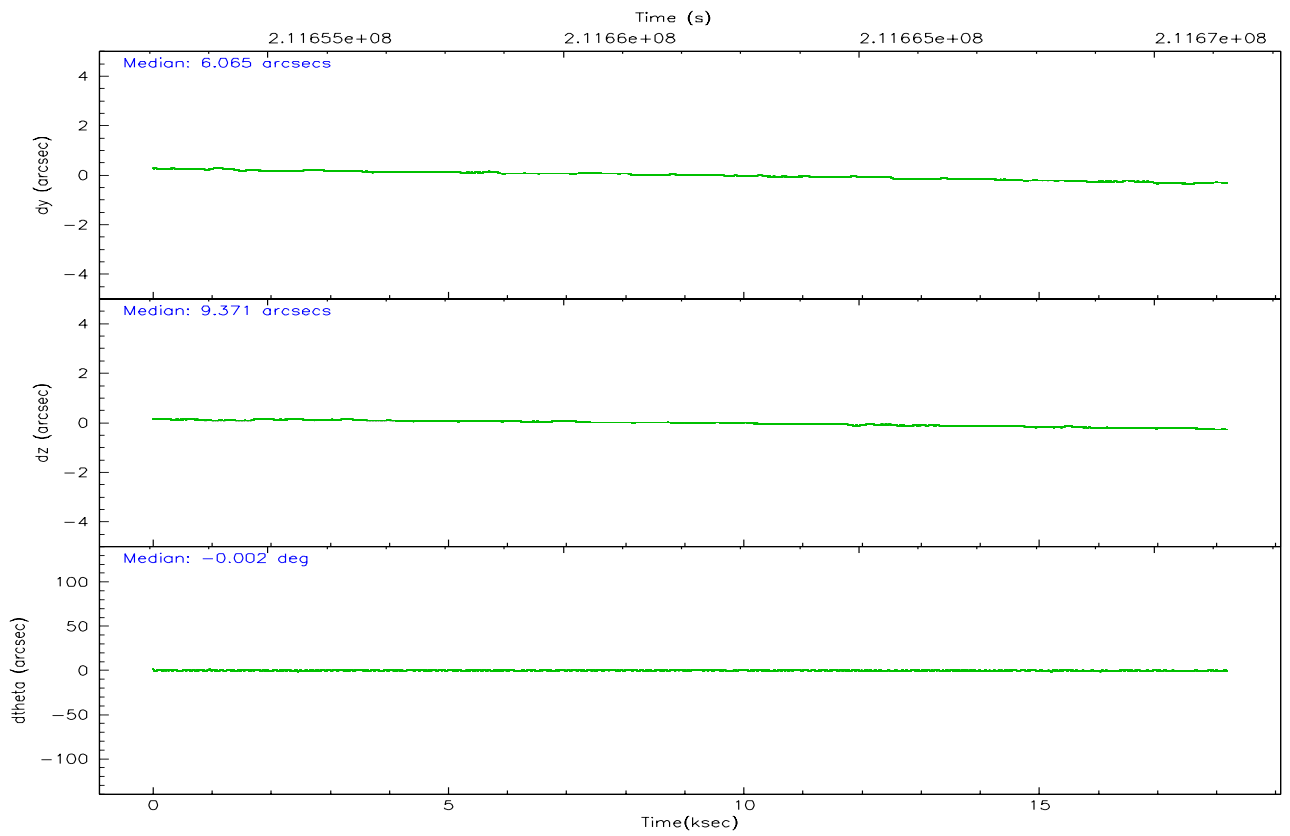
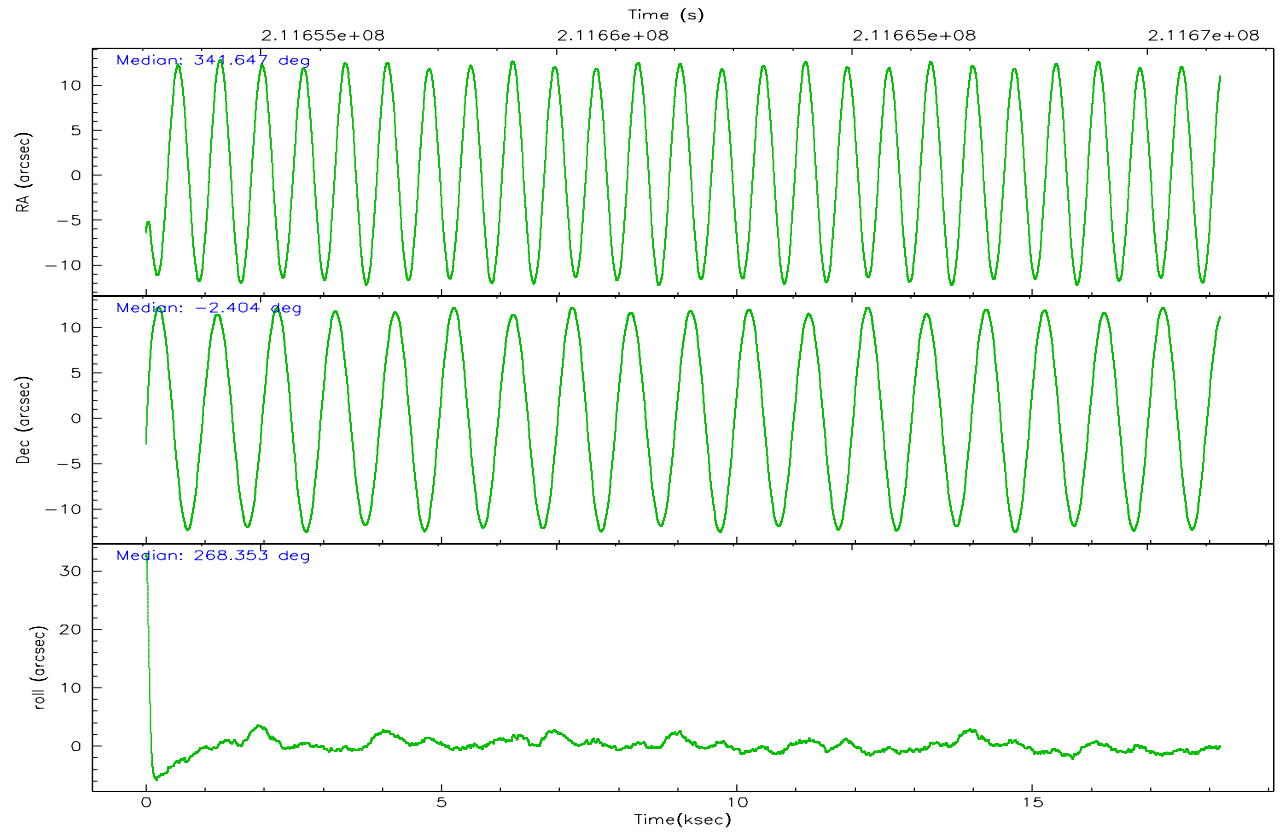
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 7
grade 0 events	14478	11837	16810	12603	4668
	8%	6%	8%	6%	2%
grade 1 events	132	81	163	107	198
	0%	0%	0%	0%	0%
grade 2 events	10986	11796	9824	10003	19966
	6%	6%	4%	5%	10%
grade 3 events	1733	1965	1608	1704	4282
	1%	1%	0%	0%	2%
grade 4 events	1762	1796	2738	1713	4253
	1%	1%	1%	0%	2%
grade 5 events	5285	5472	5064	5757	12091
	3%	3%	2%	3%	6%
grade 6 events	7448	8283	6912	7289	44270
	4%	4%	3%	3%	22%
grade 7 events	119139	130933	157095	146531	103212
	74%	76%	78%	78%	53%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-01237	ACIS-01237	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	341.633970	341.6470609840807	Alternating exposures requested	N	N
Pointing Dec	-2.380029	-2.404040800376178	Primary exposure time	0.000000	3.1
Pointing Roll	268.150880	268.3601412825262			
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	211653235.184000	211652127.95861			
Observation start date	2004-09-15T16:32:51	2004-09-15T16:15:27			
Observation end time	211671235.184000	211672661.78453			
Observation end date	2004-09-15T21:32:51	2004-09-15T21:57:41			
Read mode	TIMED	TIMED			

2.3 Aspect



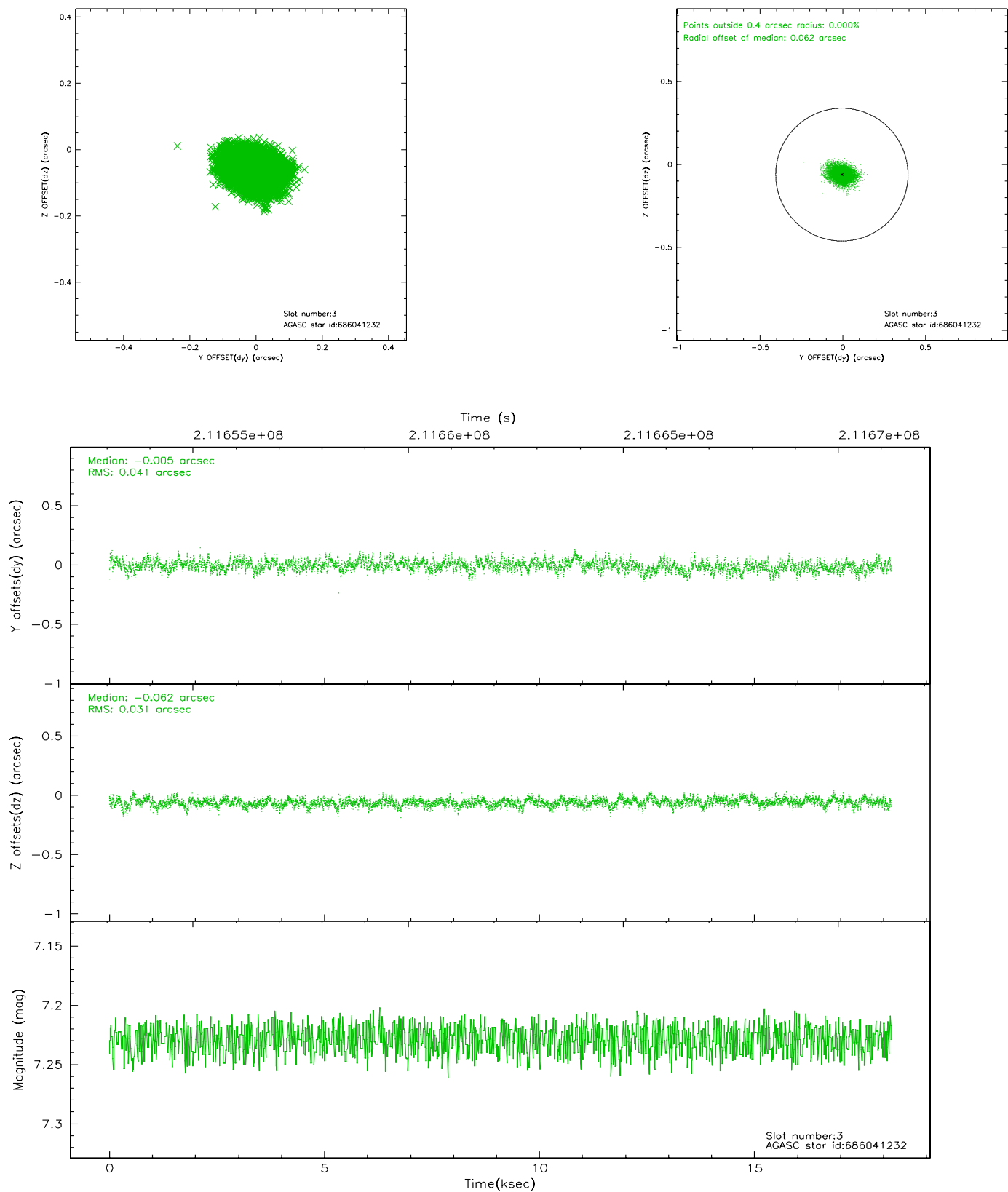


Slot Statistics

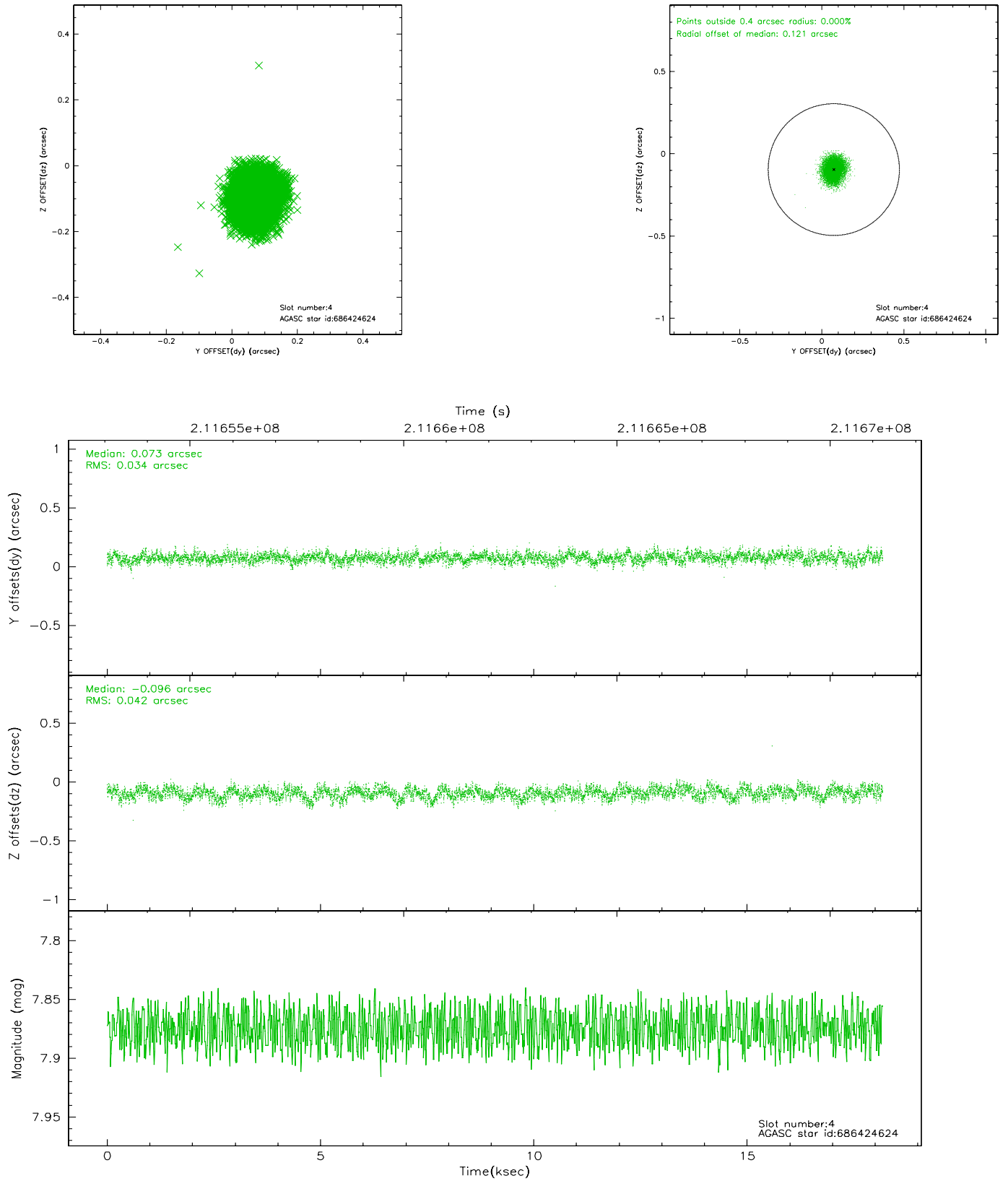
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	4435	-0.023	0.069	0.011	0.020	0.000000	0.000000	933.64	-832.73
1	FID	ACIS-I-5	7.23	4434	-0.121	0.018	0.012	0.022	0.000000	0.000000	-1814.46	1064.58
2	FID	ACIS-I-6	7.26	4434	0.054	-0.016	0.008	0.013	0.000000	0.000000	399.00	1709.32
3	GUIDE	686041232	7.23	8870	-0.005	-0.062	0.054	0.091	341.873976	-1.788783	-2154.95	794.43
4	GUIDE	686424624	7.87	8869	0.073	-0.096	0.058	0.092	341.803081	-2.709736	1167.01	647.01
5	GUIDE	686424920	8.95	8869	-0.005	0.012	0.080	0.126	341.978973	-2.573998	658.44	1263.03
6	GUIDE	686425928	8.77	8859	-0.061	0.073	0.072	0.114	341.017068	-2.531540	617.94	-2199.31
7	GUIDE	686426064	9.43	8863	-0.002	0.076	0.106	0.174	341.035207	-2.739354	1363.65	-2109.95

2.4 Star Slots

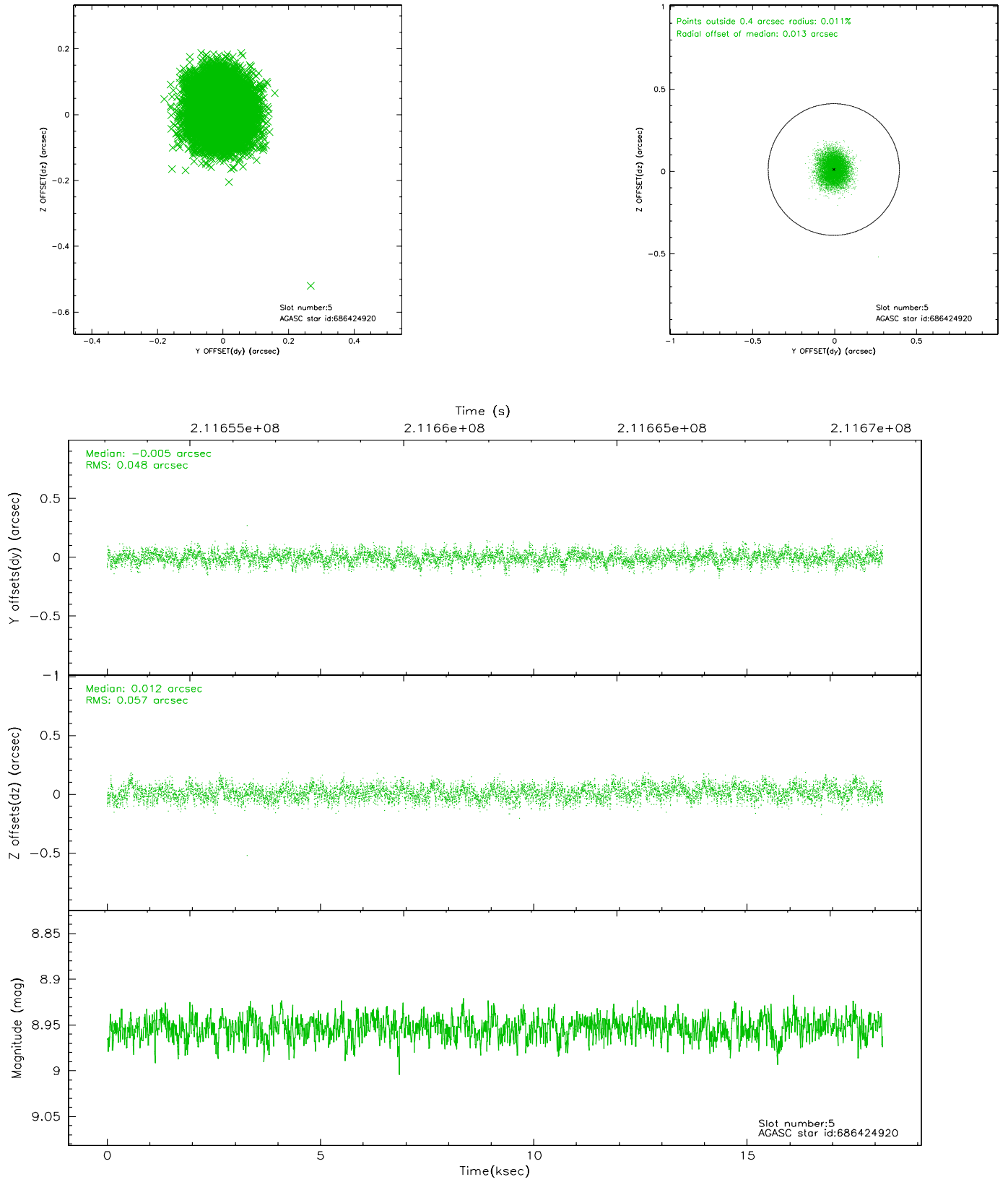
2.4.1 Slot 3



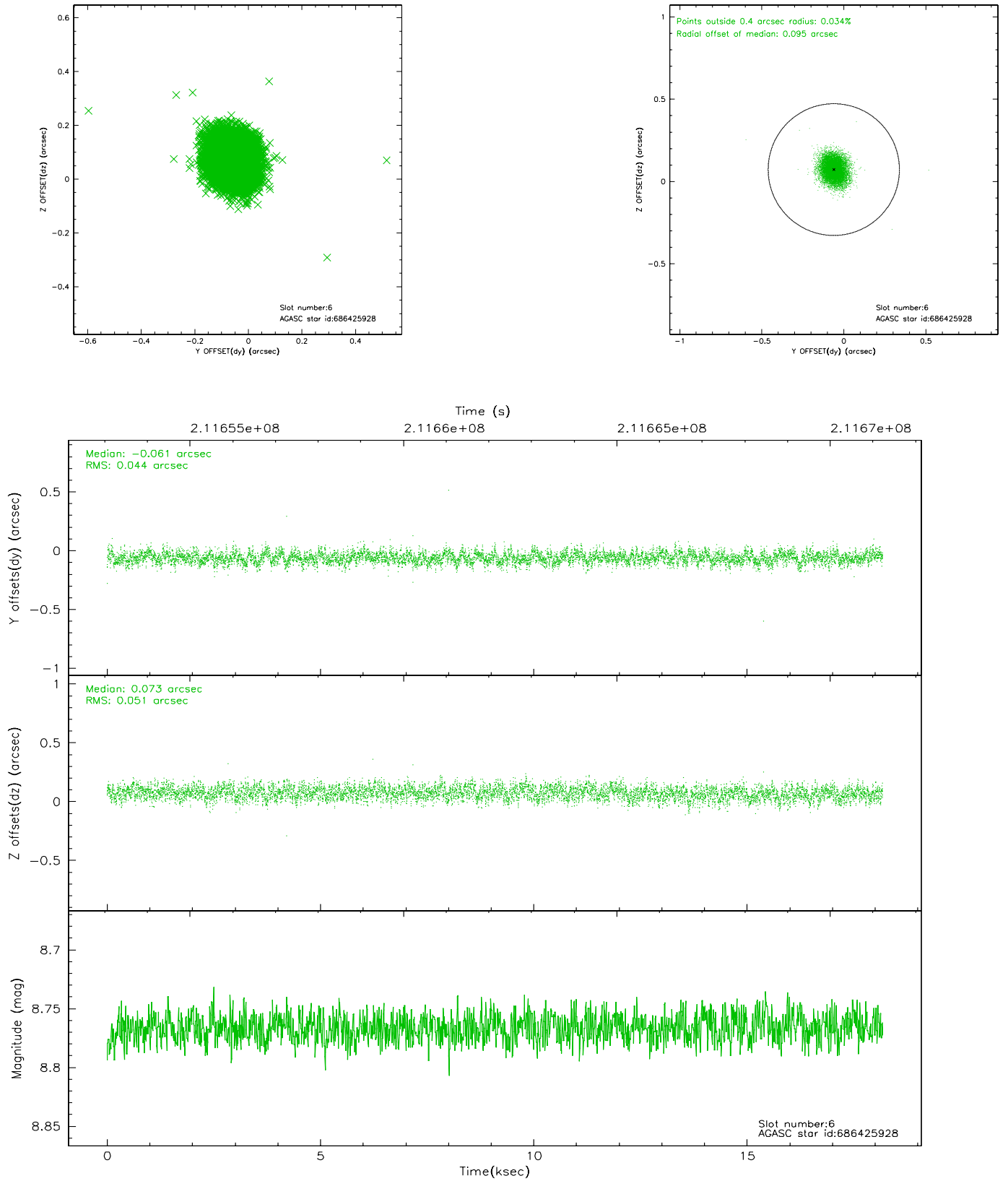
2.4.2 Slot 4



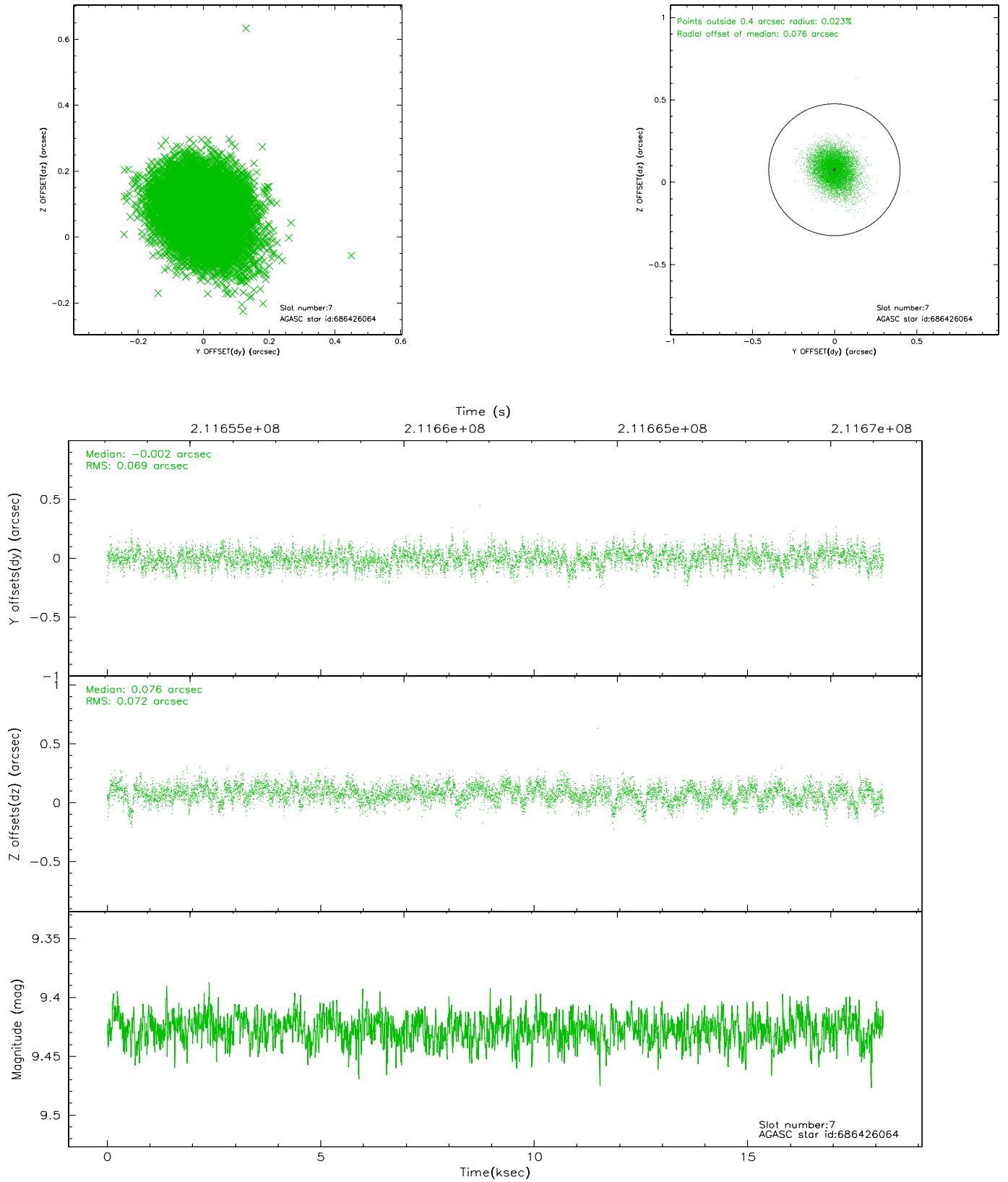
2.4.3 Slot 5



2.4.4 Slot 6

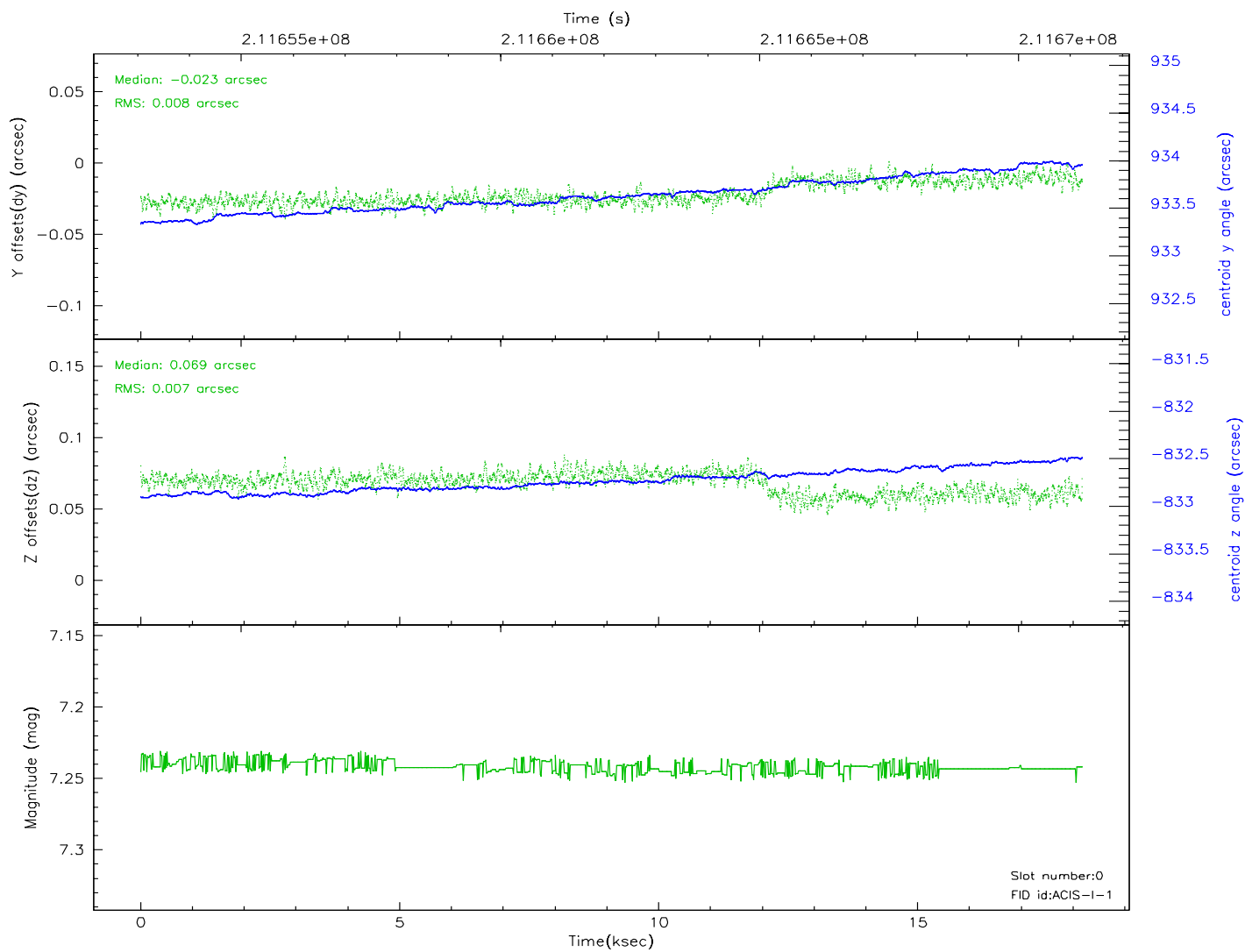
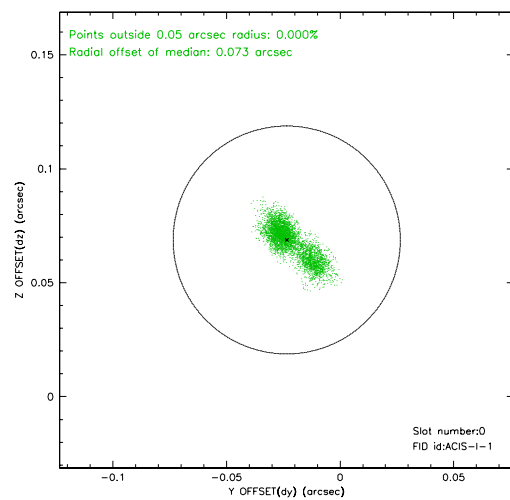
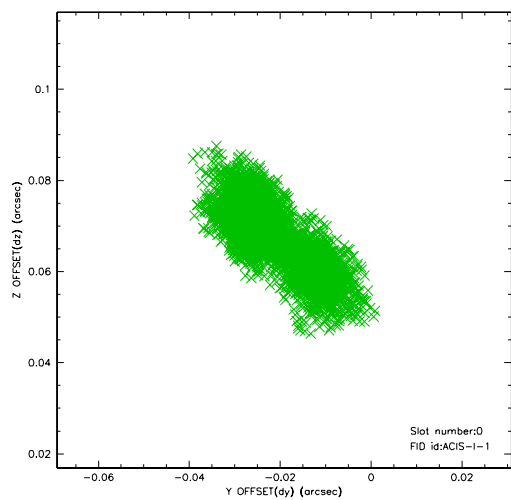


2.4.5 Slot 7

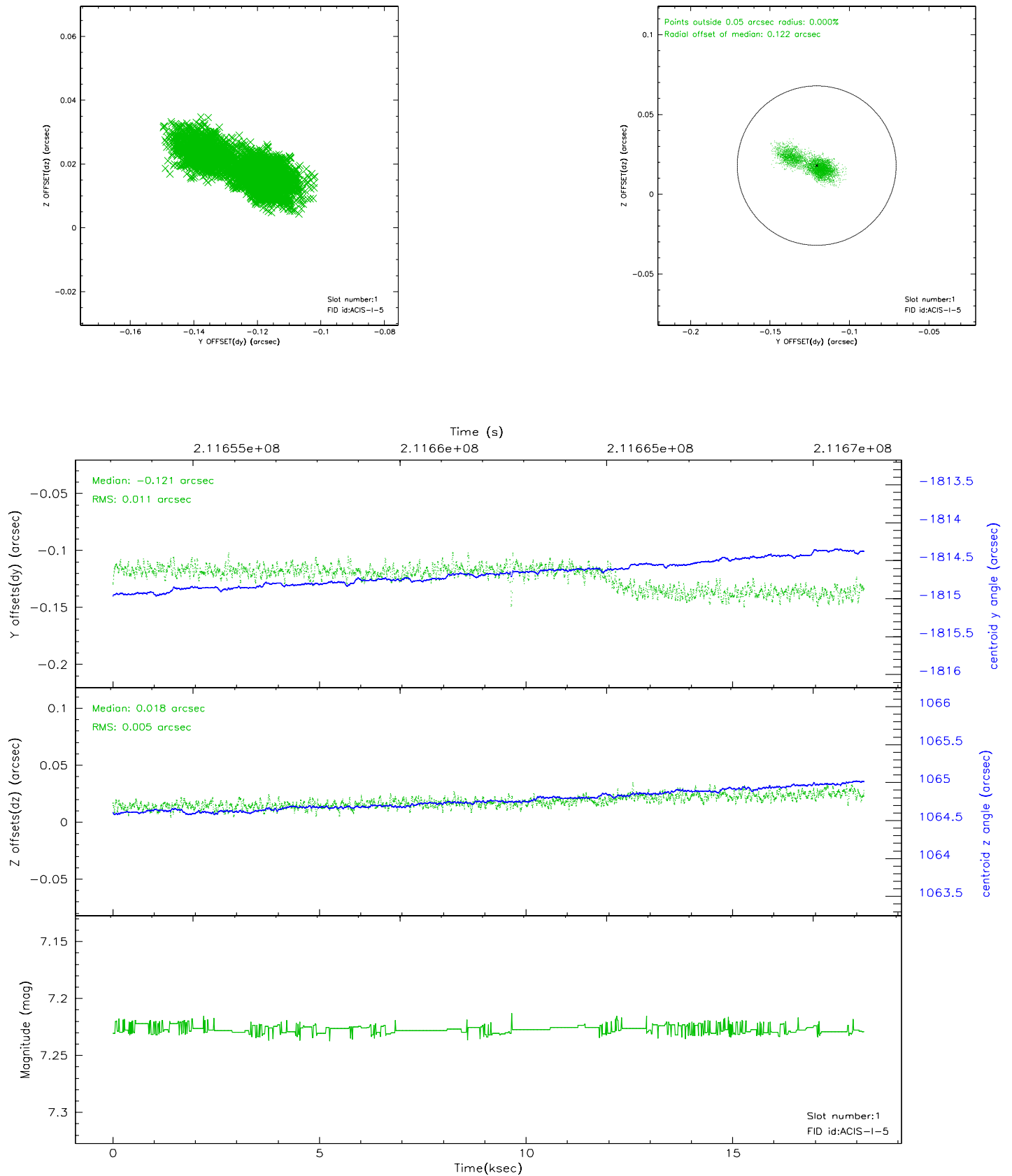


2.5 FID Slots

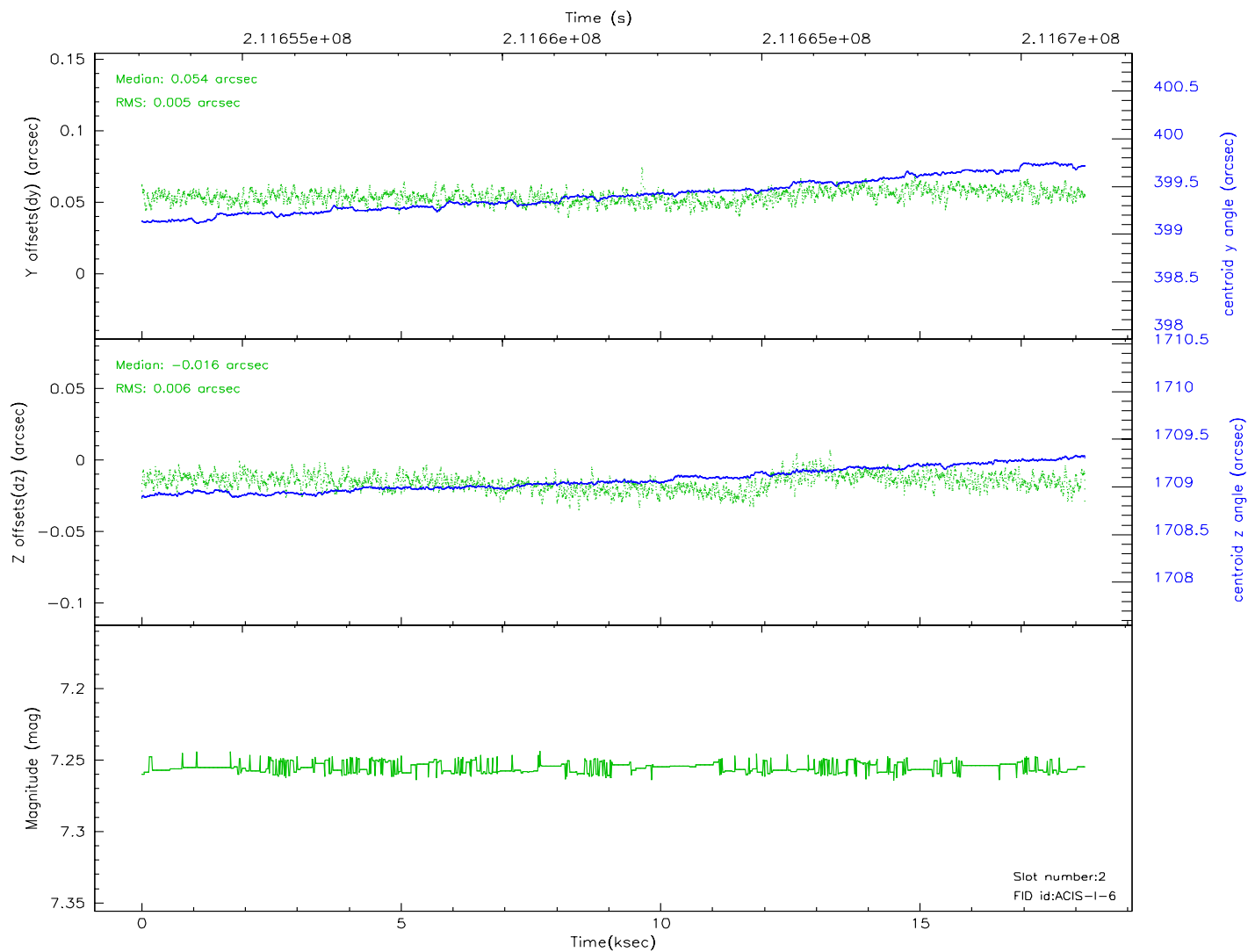
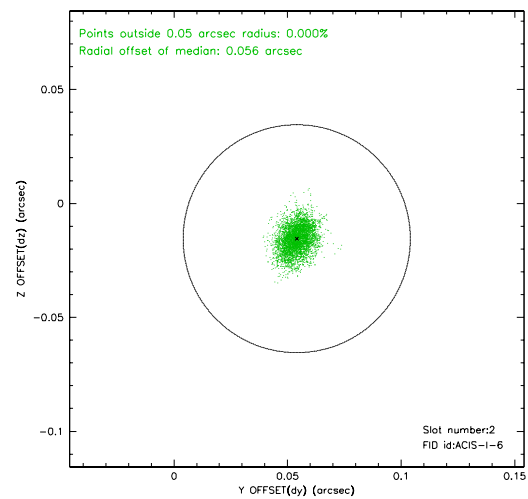
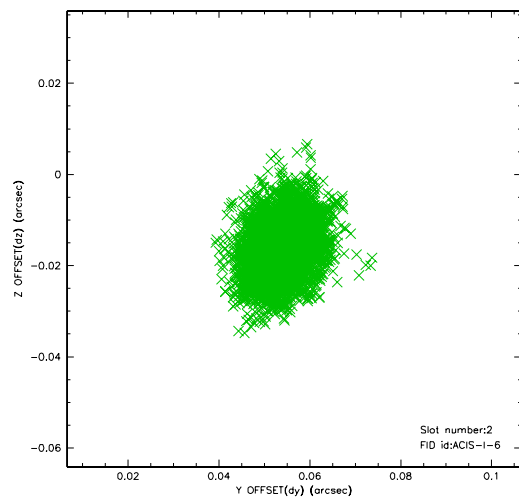
2.5.1 Slot 0



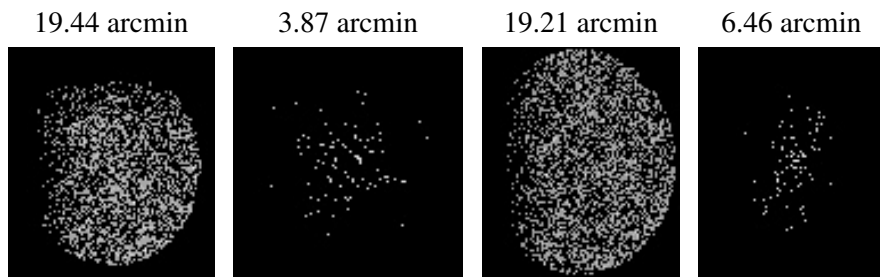
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.04.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	18.172

A.2 Comments

Monitor constraint met.