

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 5019 - L2 Version 001
Chandra X-Ray Center

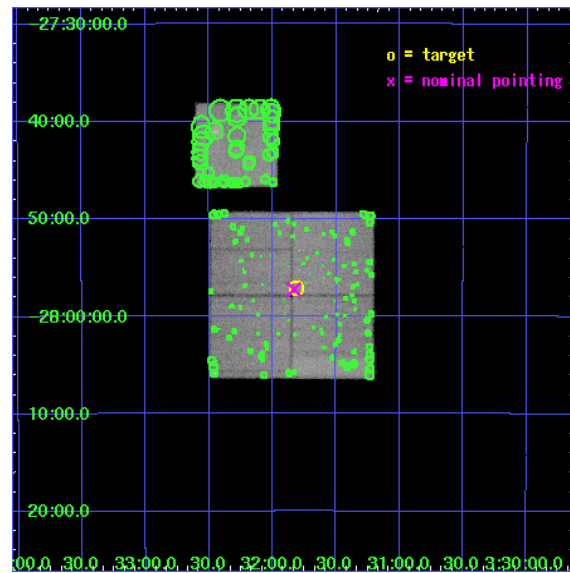
L2 Processing Date : Apr 12 2006

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Bias	3
2.1.3	Parameters	4
2.1.4	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
3	Point Sources	17
A	Summary	18
A.1	Status	18
A.2	Comments	18

1 Front

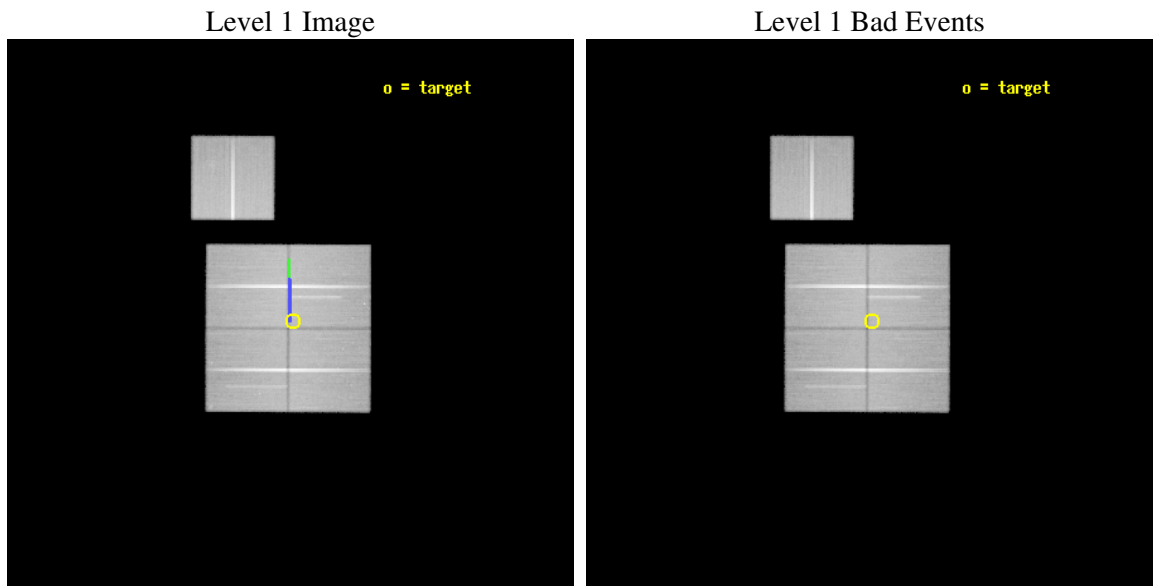
seq_num	900328
obs_id	5019
title	The Extended Chandra Deep Field-South Survey: A Public Chandra Legacy
observer	Prof. William Brandt
object	Extended CDF-S #3
dtcycle	0
cycle	P
ra_targ	52.953271
dec_targ	-27.95225
ra_nom	52.958092940616
dec_nom	-27.95404482524
roll_nom	0.21094379181063
revision	2
ontime	165288.81771168
livetime	163129.19762442
ontime0	165254.26677915
ontime1	165285.67667162
ontime2	165276.25373074
ontime3	165288.81771168
ontime6	165288.81773156
l2events	435098



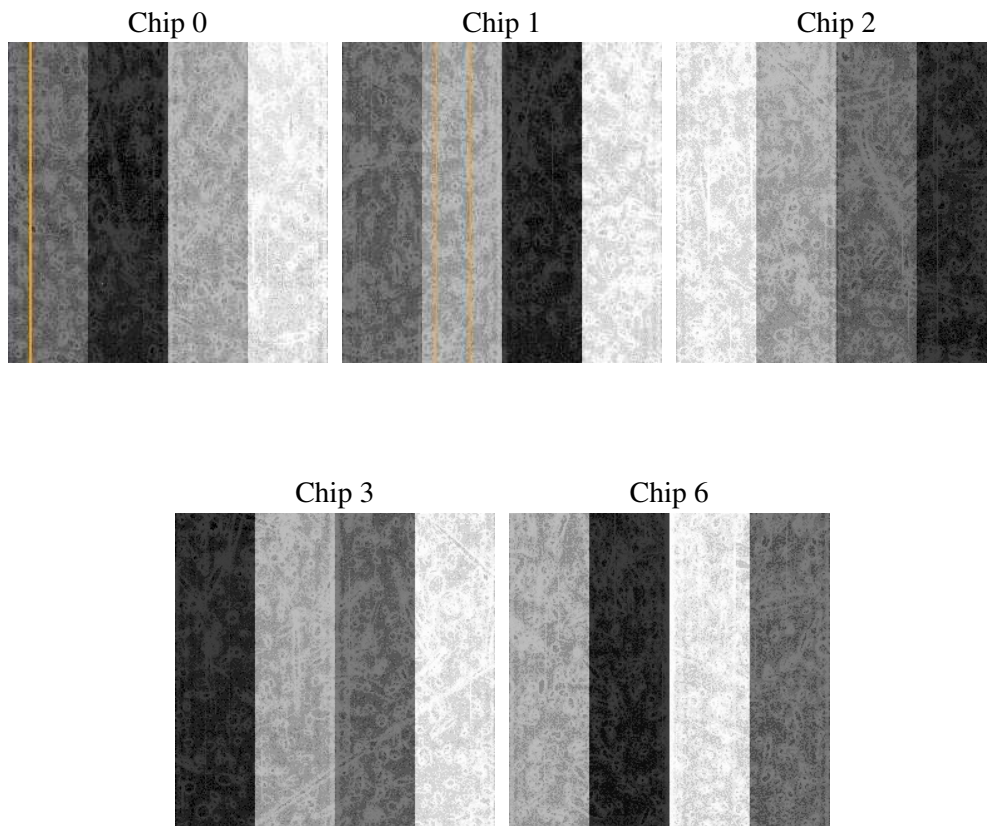
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	2
ascdsver	7.6.7.1
caldbver	3.2.1
date	2006-04-12T12:31:04
revision	2

sched_exp_time	165246.104000
ontime	165295.83411679
ontime0	165261.28318426
ontime1	165292.69309664
ontime2	165283.27015576
ontime3	165295.83411679
ontime6	165295.83413666
l1events	5169236

2.1.4 Events

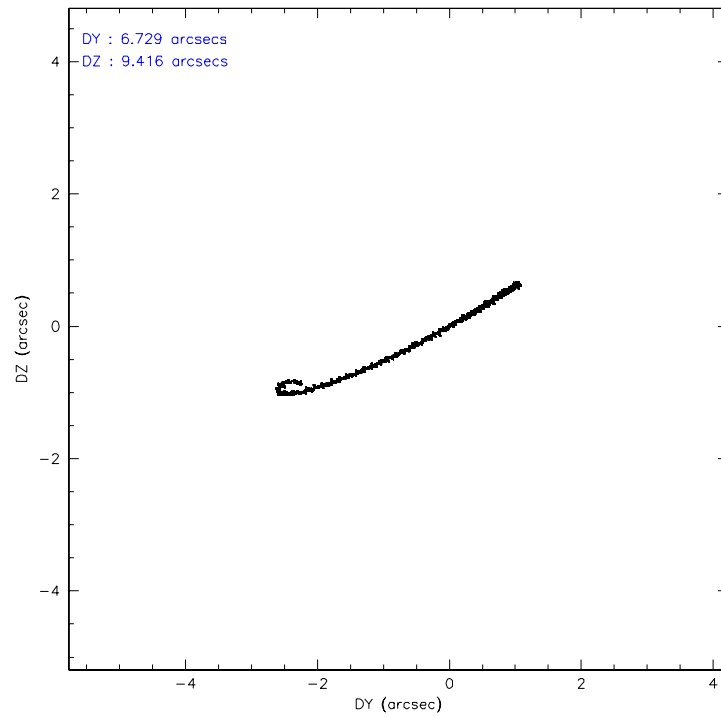
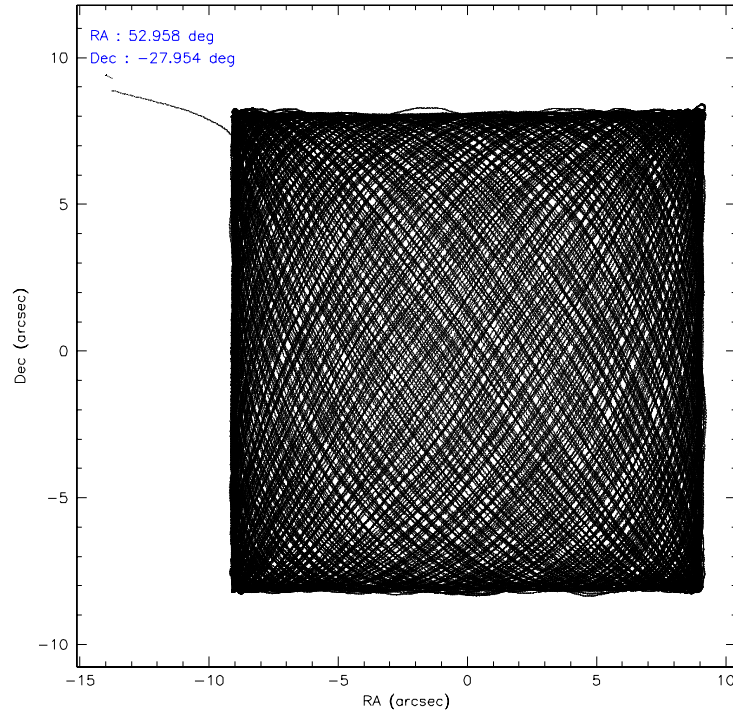
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	975958	982746	1100297	1056034	1054201
rejected events	873397	867358	1001289	958150	946581
rejected %	89%	88%	91%	90%	89%

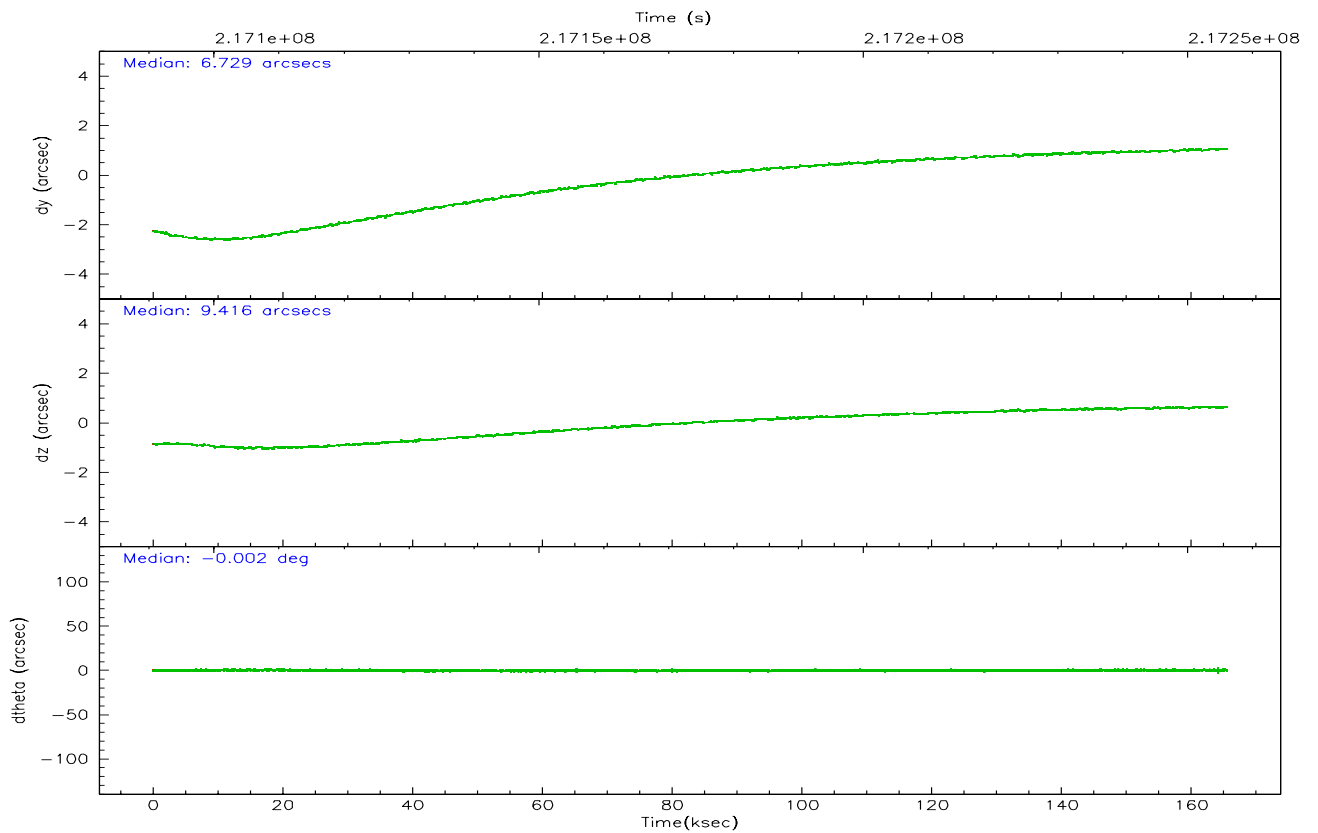
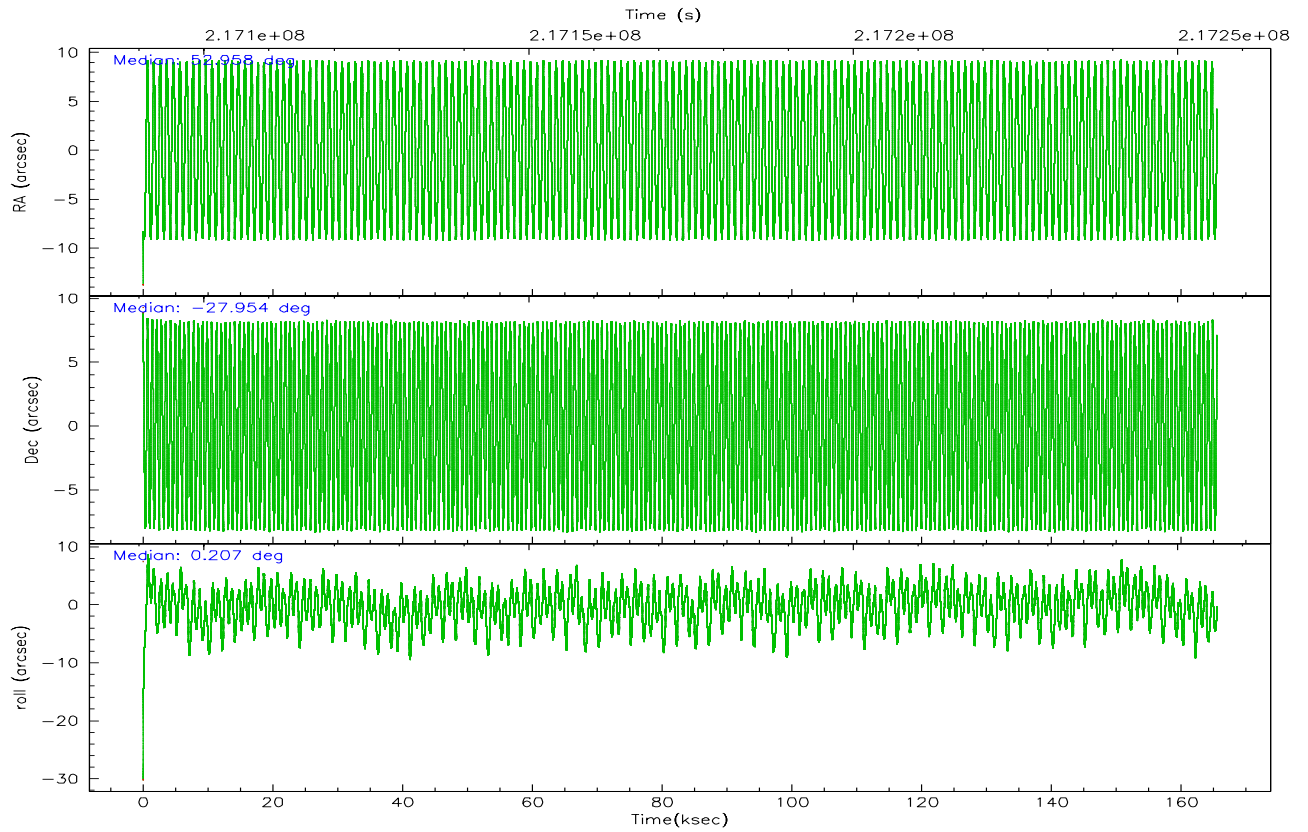
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	34992	41045	34599	34685	37987
	3%	4%	3%	3%	3%
grade 1 events	530	443	542	538	461
	0%	0%	0%	0%	0%
grade 2 events	24158	25239	23529	21089	22830
	2%	2%	2%	1%	2%
grade 3 events	12181	13277	11011	11565	12280
	1%	1%	1%	1%	1%
grade 4 events	11216	12827	11349	11044	11993
	1%	1%	1%	1%	1%
grade 5 events	36340	39400	34375	41144	41192
	3%	4%	3%	3%	3%
grade 6 events	20021	23005	18524	19505	22533
	2%	2%	1%	1%	2%
grade 7 events	836520	827510	966368	916464	904925
	85%	84%	87%	86%	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	VFAINT	VFAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	52.931381	52.95809294061623	Alternating exposures requested	N	N
Pointing Dec	-27.967918	-27.95404482523999	Primary exposure time	0.000000	3.1
Pointing Roll	359.989736	0.2109437918106309			
Roll angle	0.000000	0.000000			
Roll tolerance	2.000000	2.000000			
Roll constraint allows 180D rotation	N	N			
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	217090856.184000	217089878.25199			
Observation start date	2004-11-17T14:59:52	2004-11-17T14:44:38			
Observation end time	217256102.184000	217256329.03445			
Observation end date	2004-11-19T12:53:58	2004-11-19T12:58:49			
Read mode	TIMED	TIMED			

2.3 Aspect



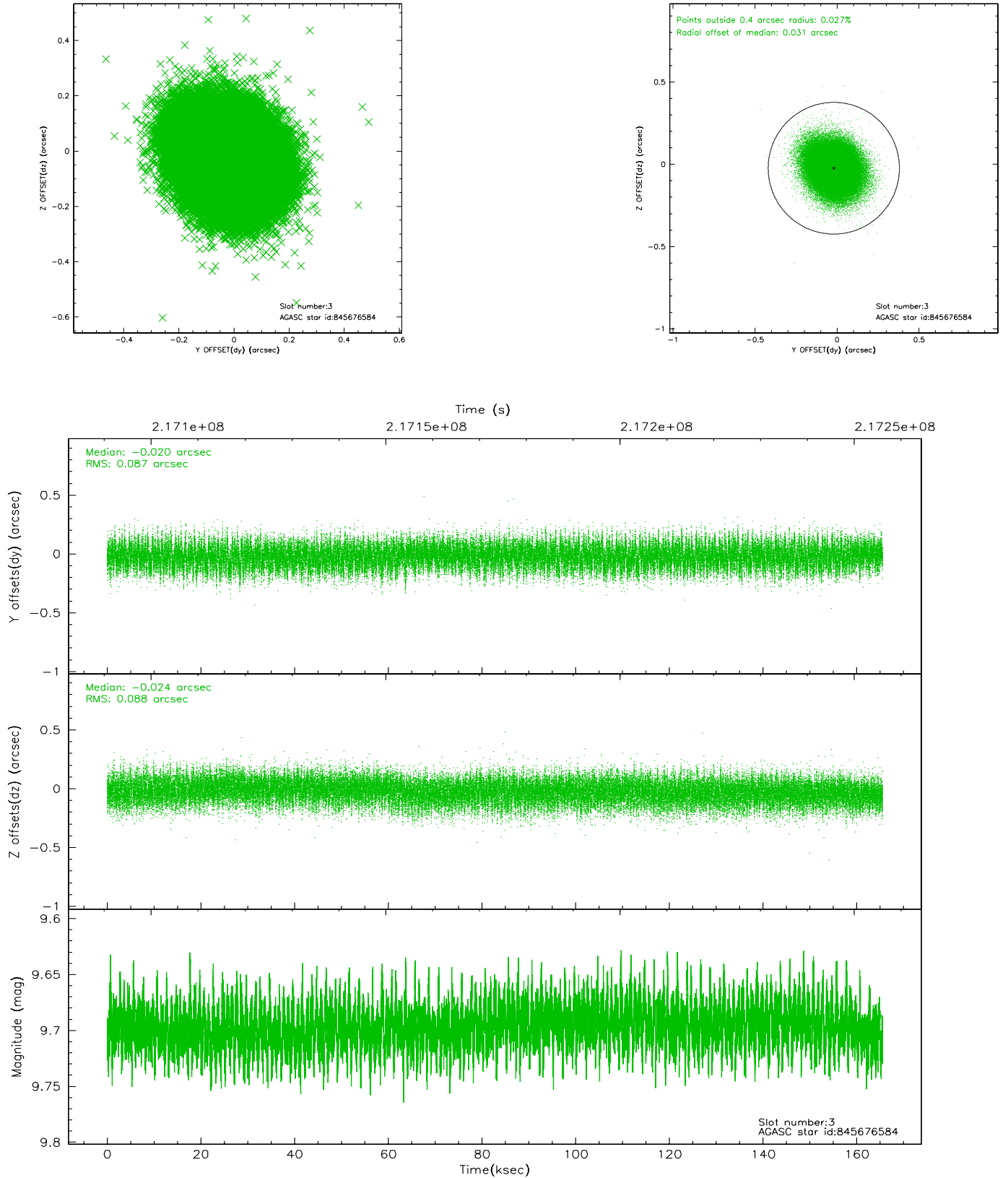


Slot Statistics

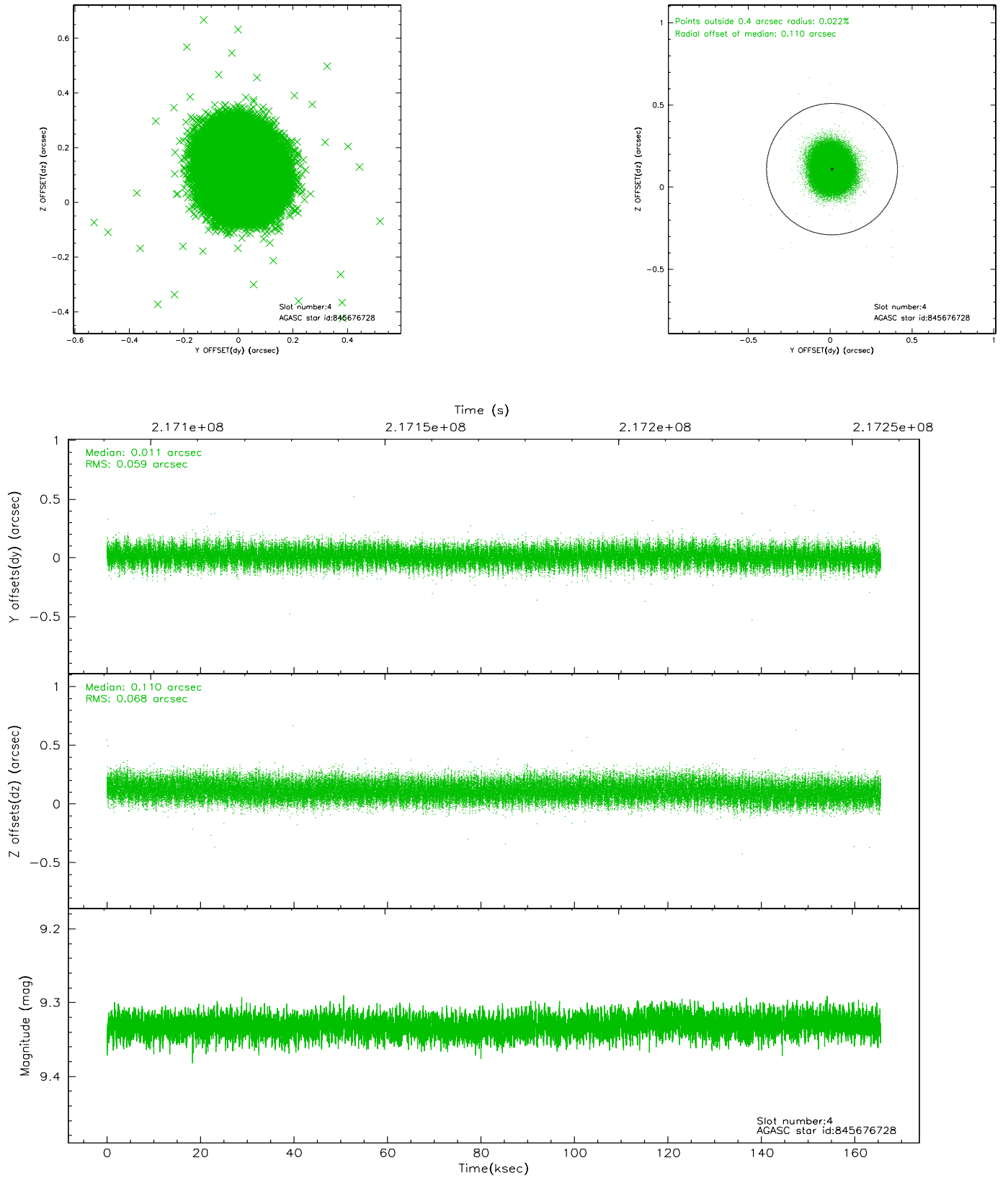
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	40373	-0.013	0.053	0.019	0.031	0.000000	0.000000	933.34	-832.69
1	FID	ACIS-I-5	7.23	40373	-0.135	0.020	0.018	0.033	0.000000	0.000000	-1814.96	1064.81
2	FID	ACIS-I-6	7.25	40372	0.054	-0.008	0.019	0.027	0.000000	0.000000	399.06	1709.16
3	GUIDE	845676584	9.70	80540	-0.020	-0.024	0.132	0.212	52.264247	-27.542890	-2129.70	1524.04
4	GUIDE	845676728	9.33	80679	0.011	0.110	0.096	0.154	52.877179	-27.664318	-172.86	1093.24
5	GUIDE	845676936	9.49	80681	-0.002	-0.153	0.092	0.148	52.843773	-27.880153	-278.43	315.94
6	GUIDE	845682456	9.49	80678	0.038	0.021	0.094	0.153	52.409641	-28.494459	-1649.82	-1899.38
7	GUIDE	845683416	8.60	80704	-0.025	0.049	0.082	0.130	52.400573	-28.566798	-1677.63	-2159.85

2.4 Star Slots

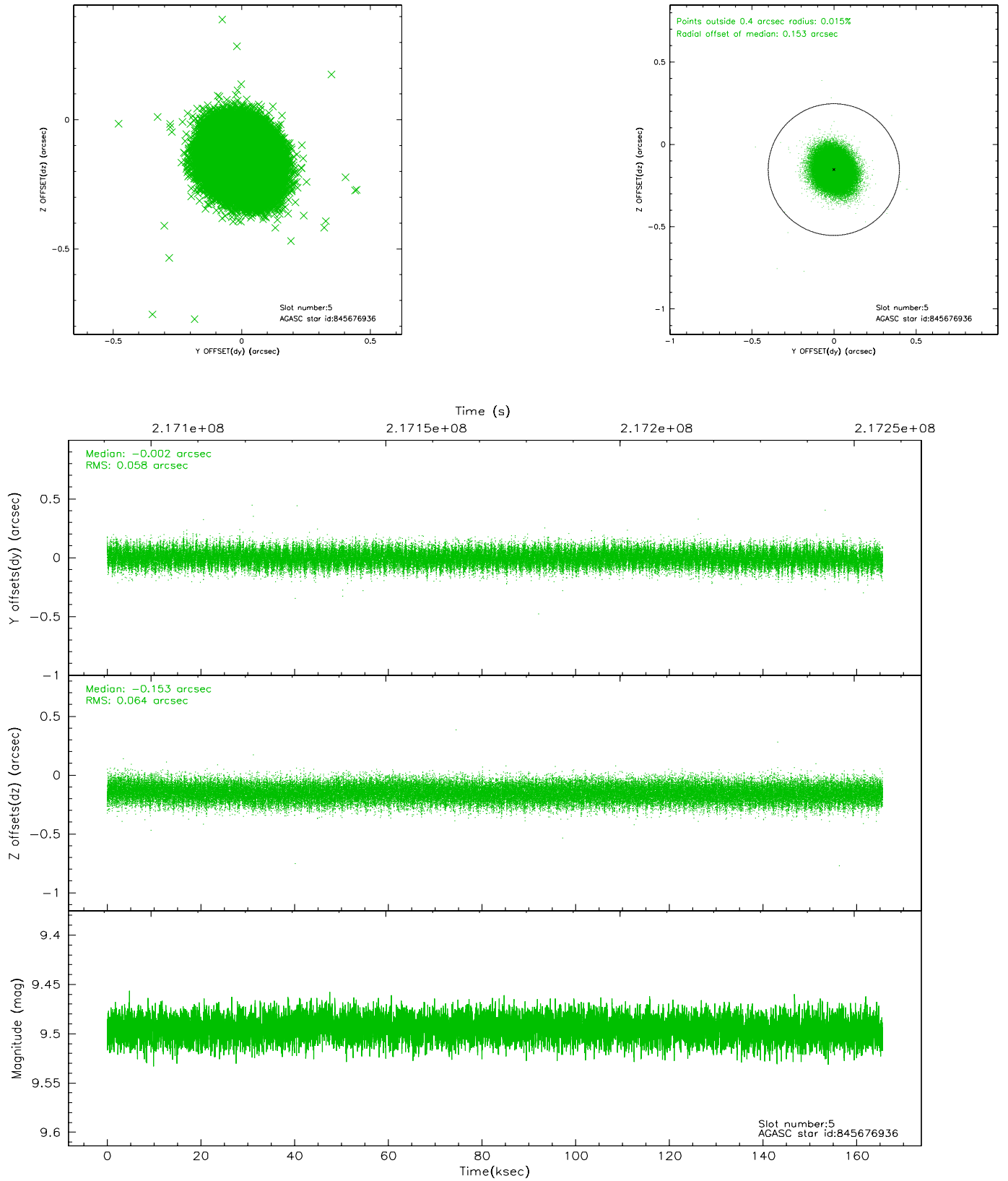
2.4.1 Slot 3



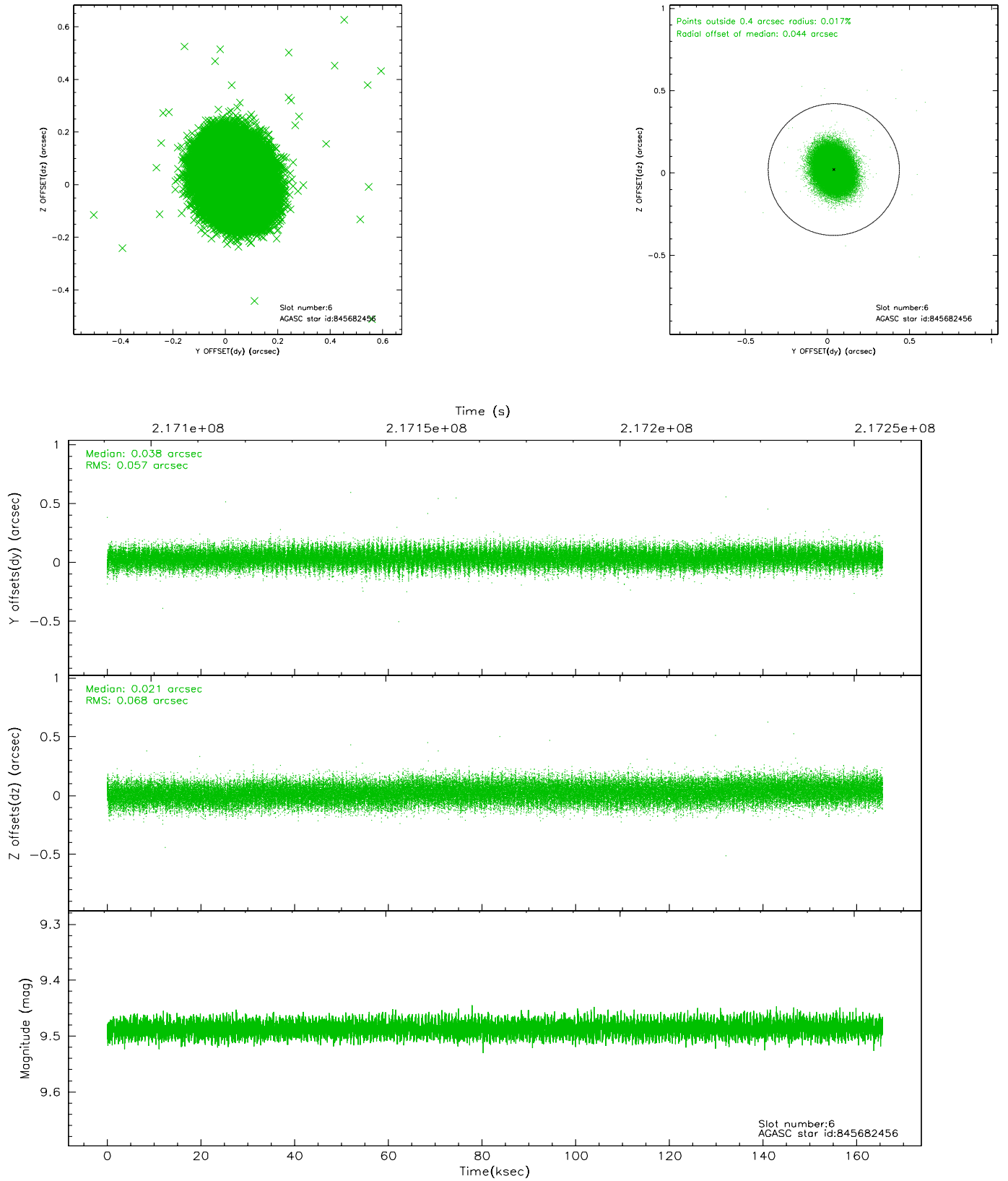
2.4.2 Slot 4



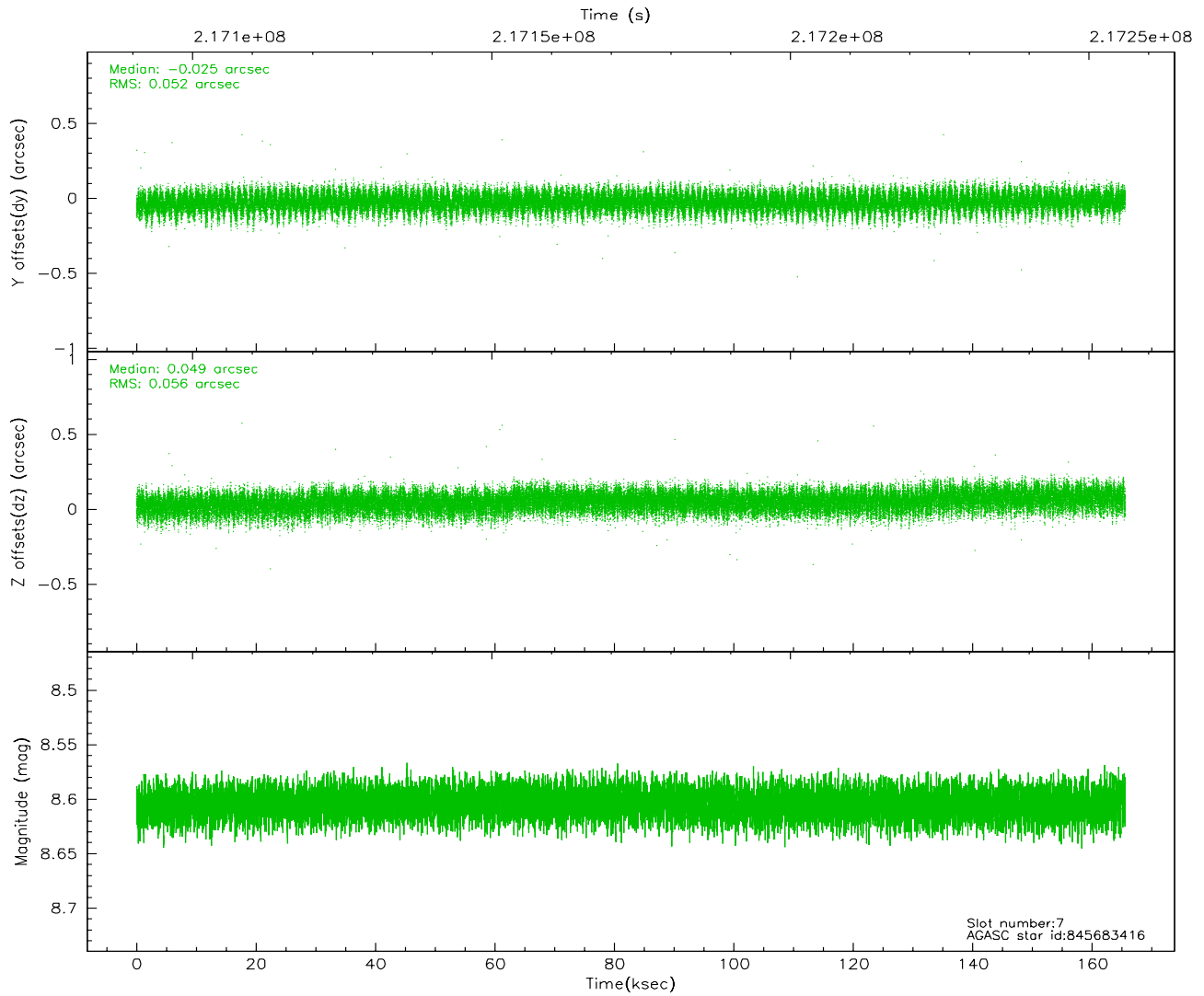
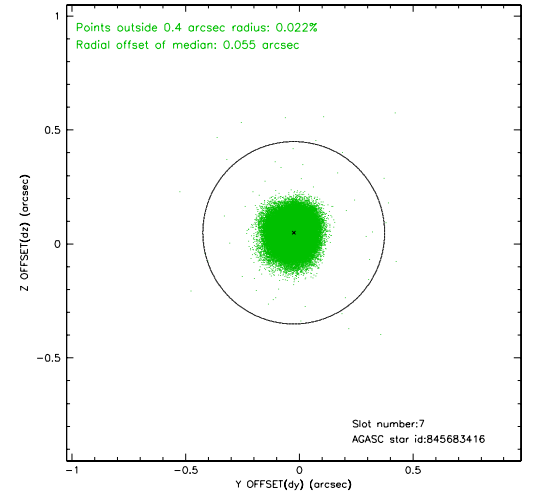
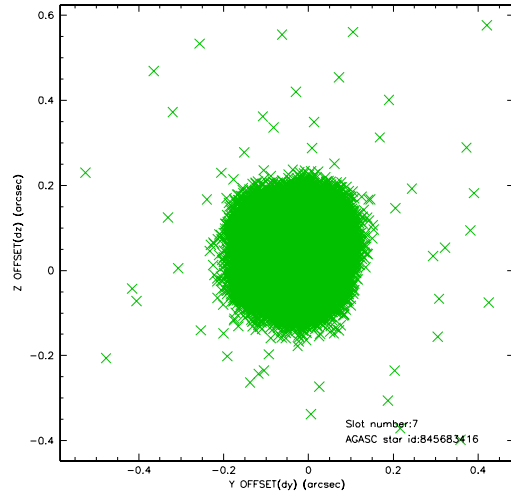
2.4.3 Slot 5



2.4.4 Slot 6

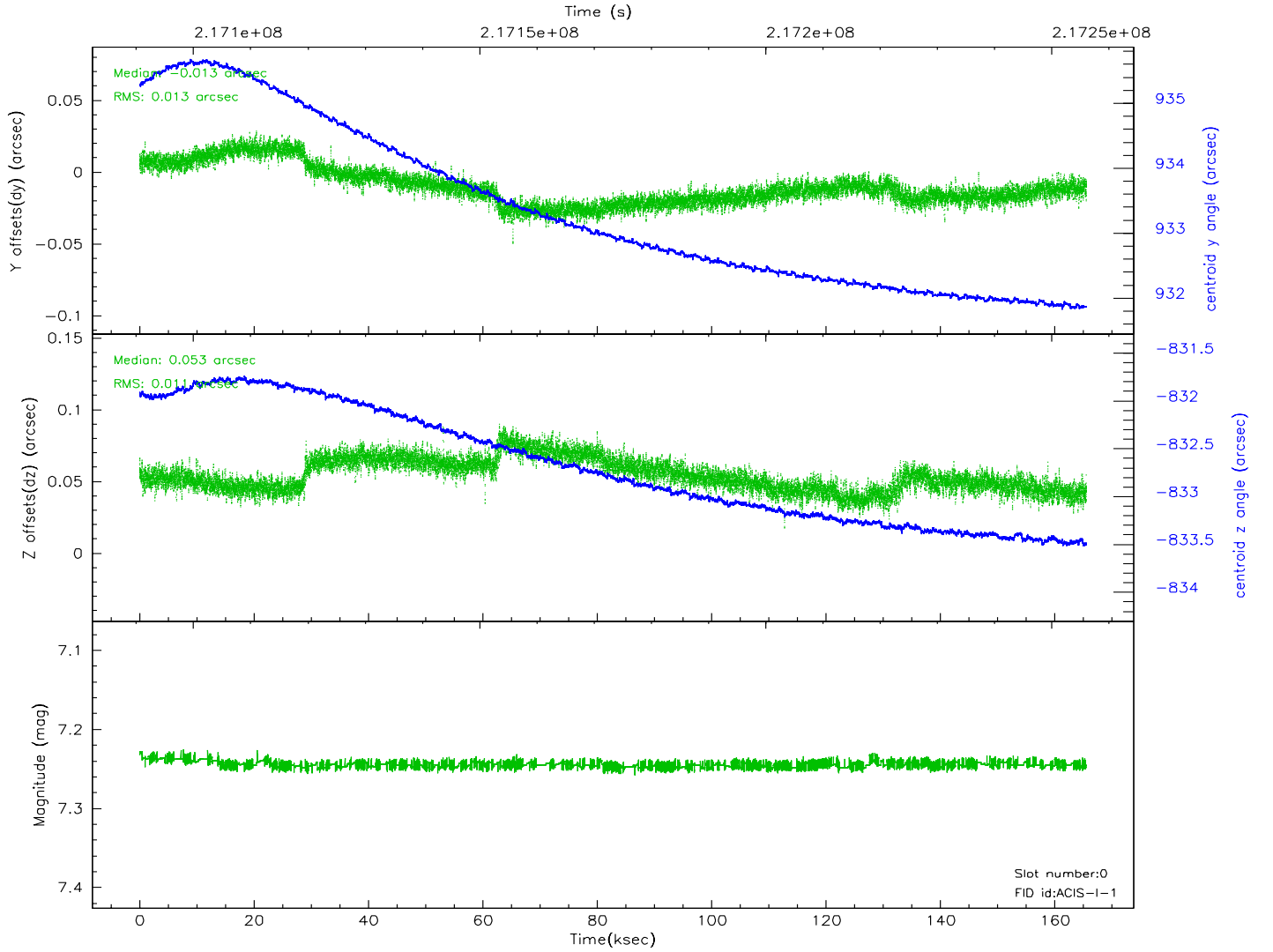
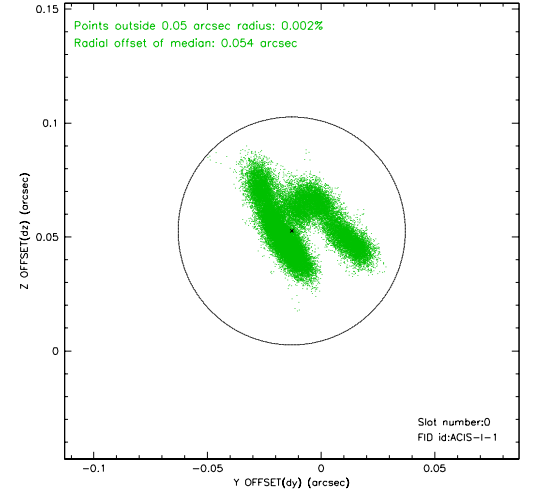
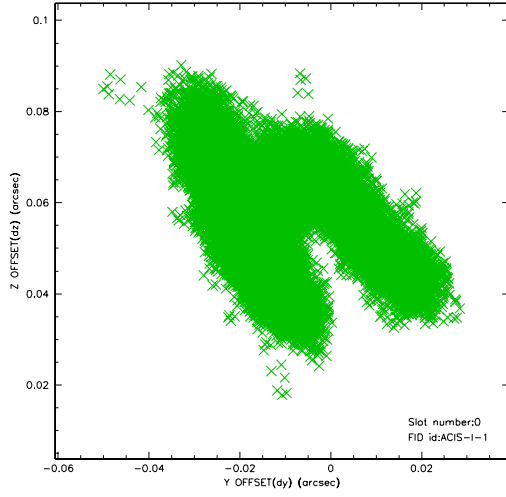


2.4.5 Slot 7

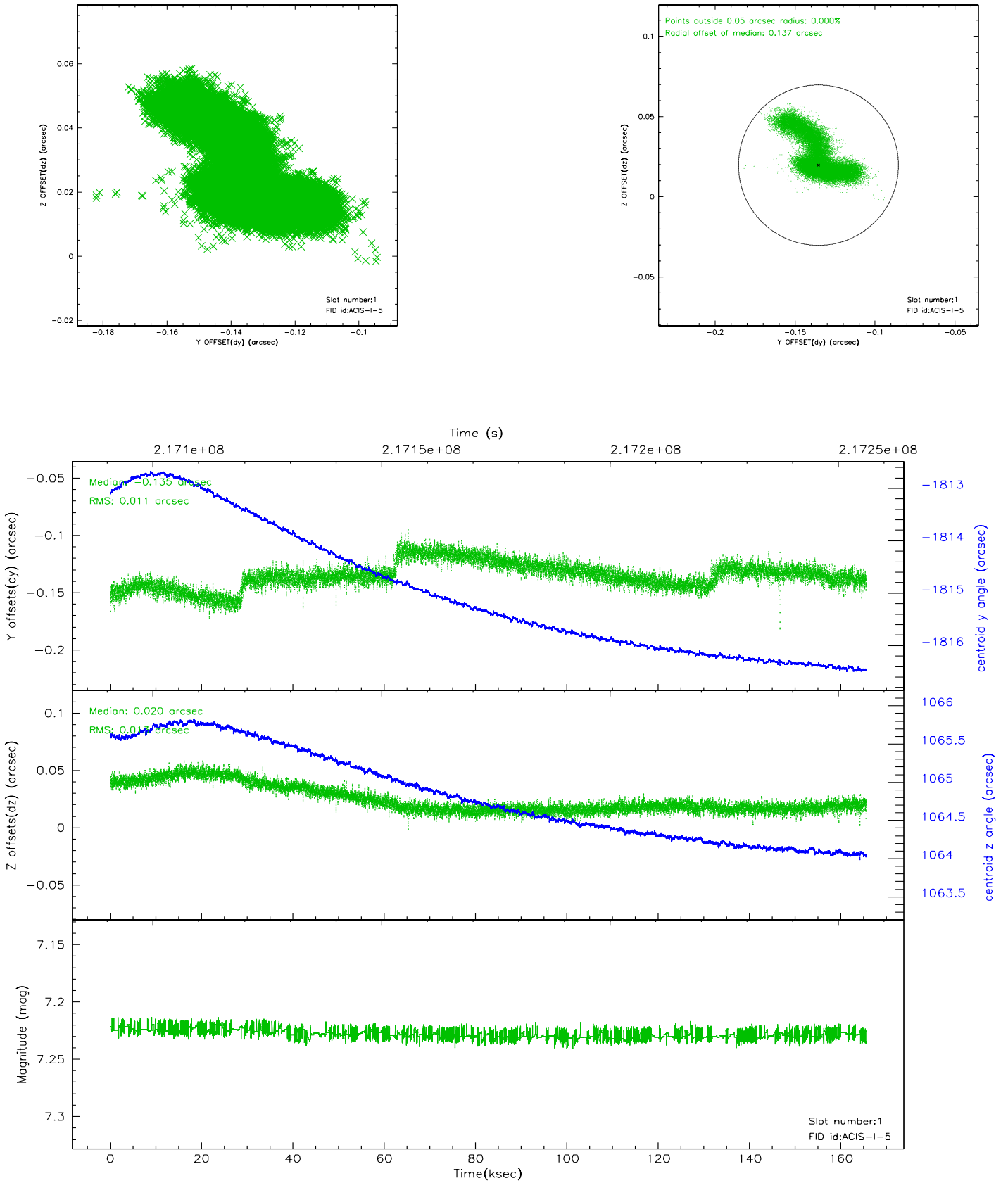


2.5 FID Slots

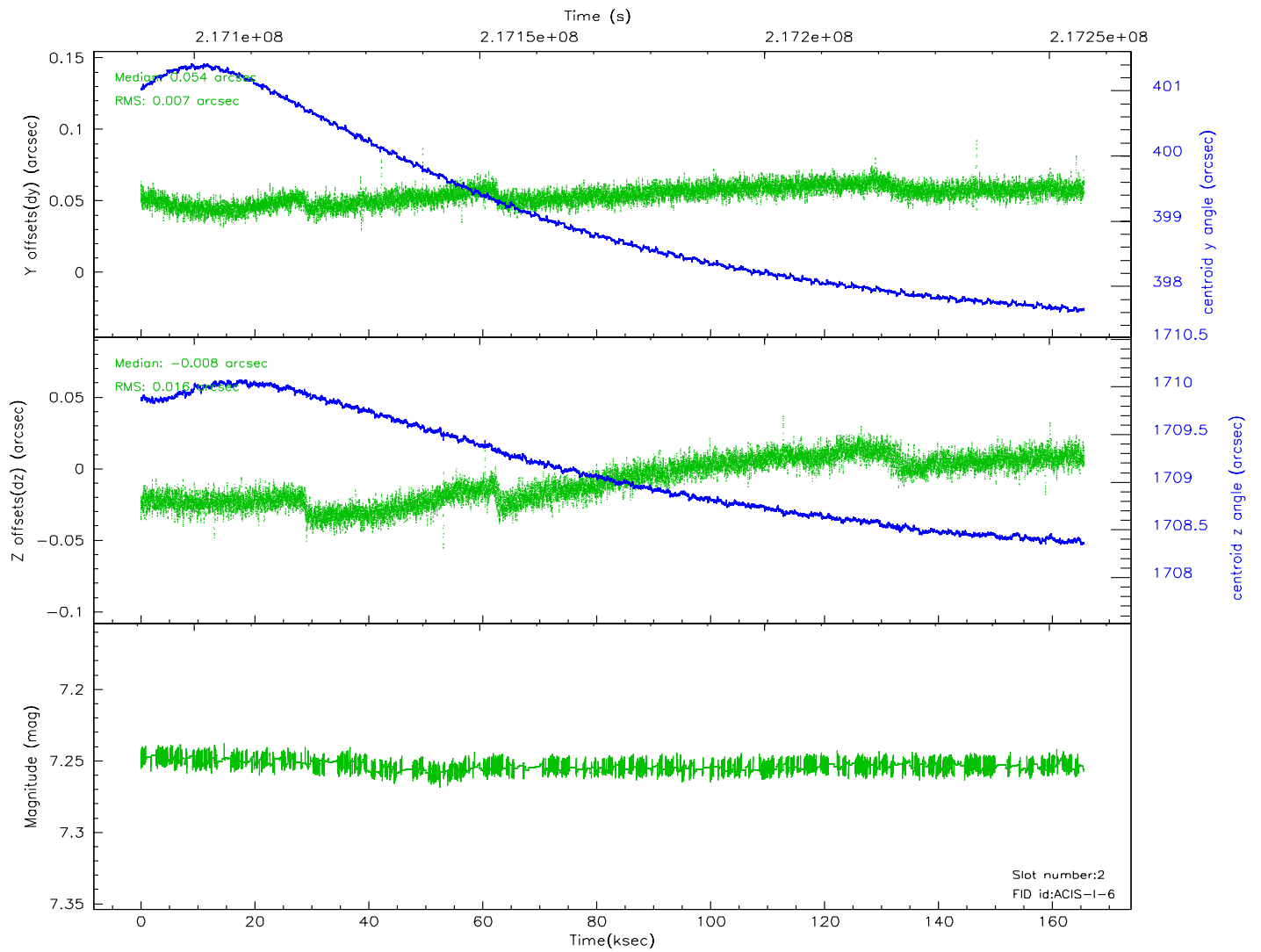
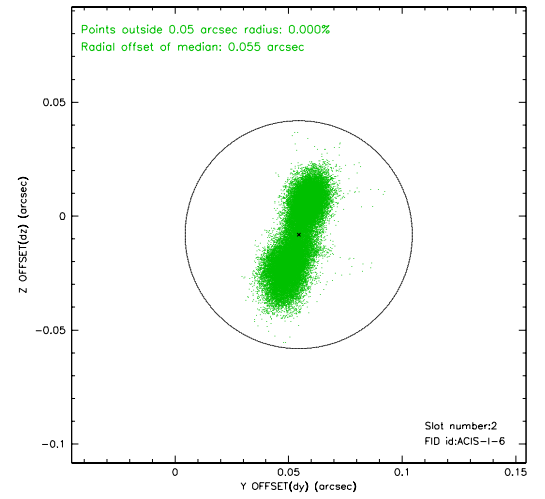
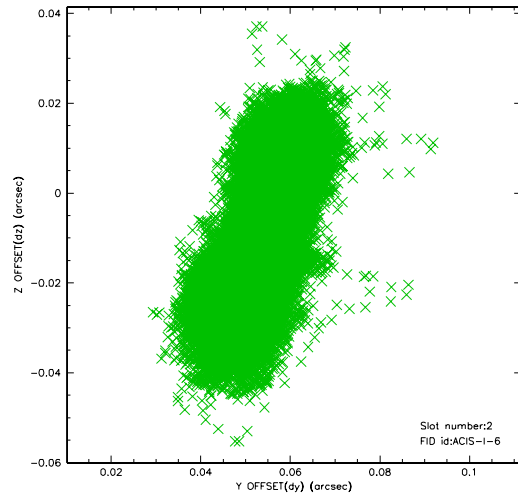
2.5.1 Slot 0



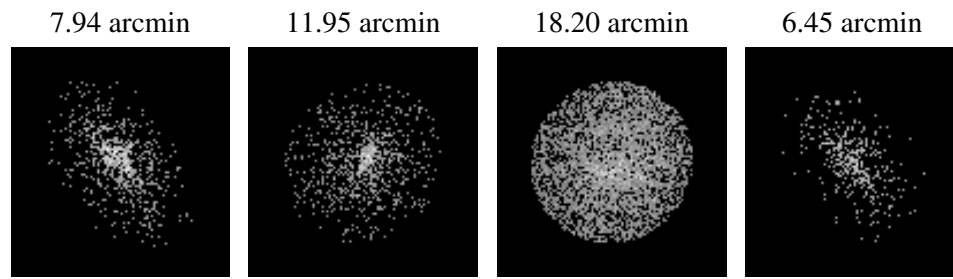
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.04.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	165.288

A.2 Comments

Roll constraint satisfied.