

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 4016 - L2 Version 4
Chandra X-Ray Center

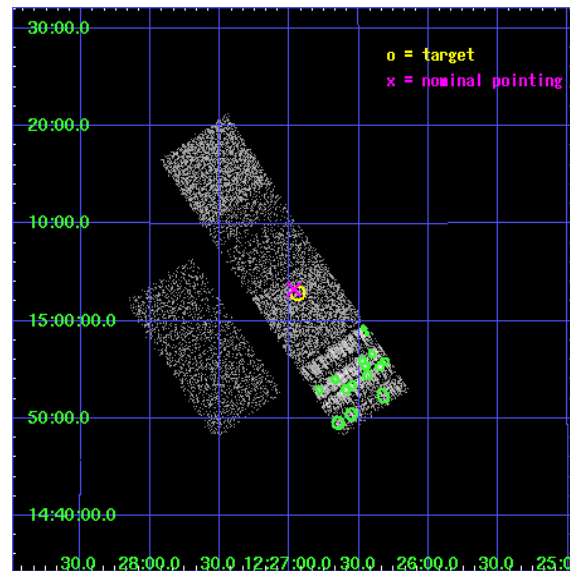
L2 Processing Date : Jan 14 2009

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1 Front

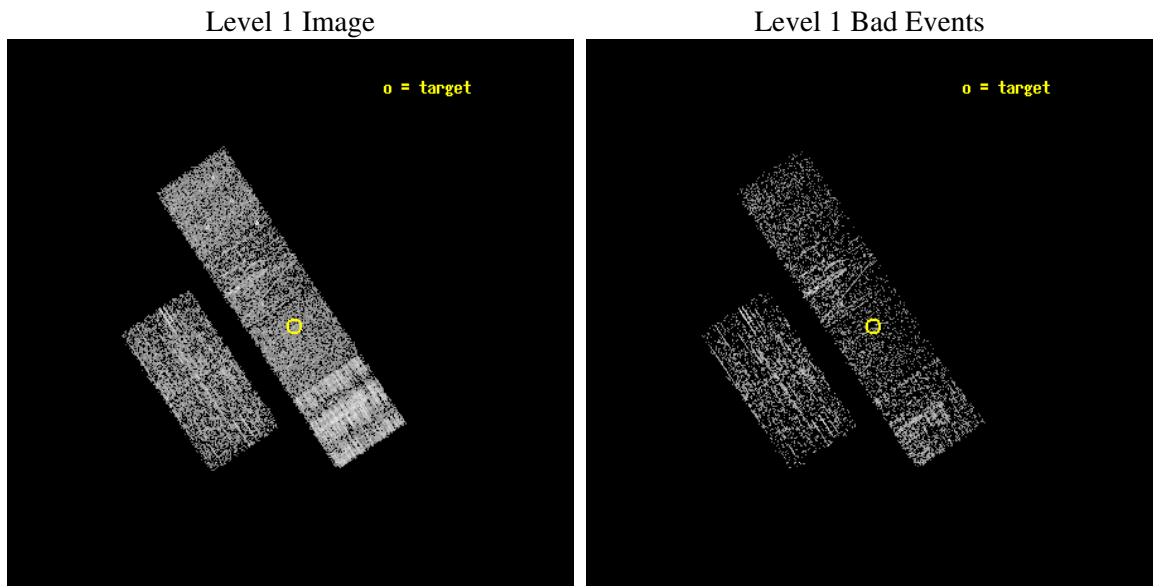
seq_num	700695
obs_id	4016
title	A CHANDRA SURVEY OF INFRARED-BRIGHT LINER GALAXIES
observer	Dr. Shobita Satyapal
object	NGC4419
dtcycle	0
cycle	P
ra_targ	186.735
dec_targ	15.047222
ra_nom	186.74191622839
dec_nom	15.054157916038
roll_nom	56.211586725048
revision	4
ontime	902.3999966383
livetime	890.97326452082
ontime2	902.3999966383
ontime3	902.3999966383
ontime5	902.3999966383
ontime6	902.3999966383
ontime7	902.3999966383
ontime8	902.3999966383
l2events	17426



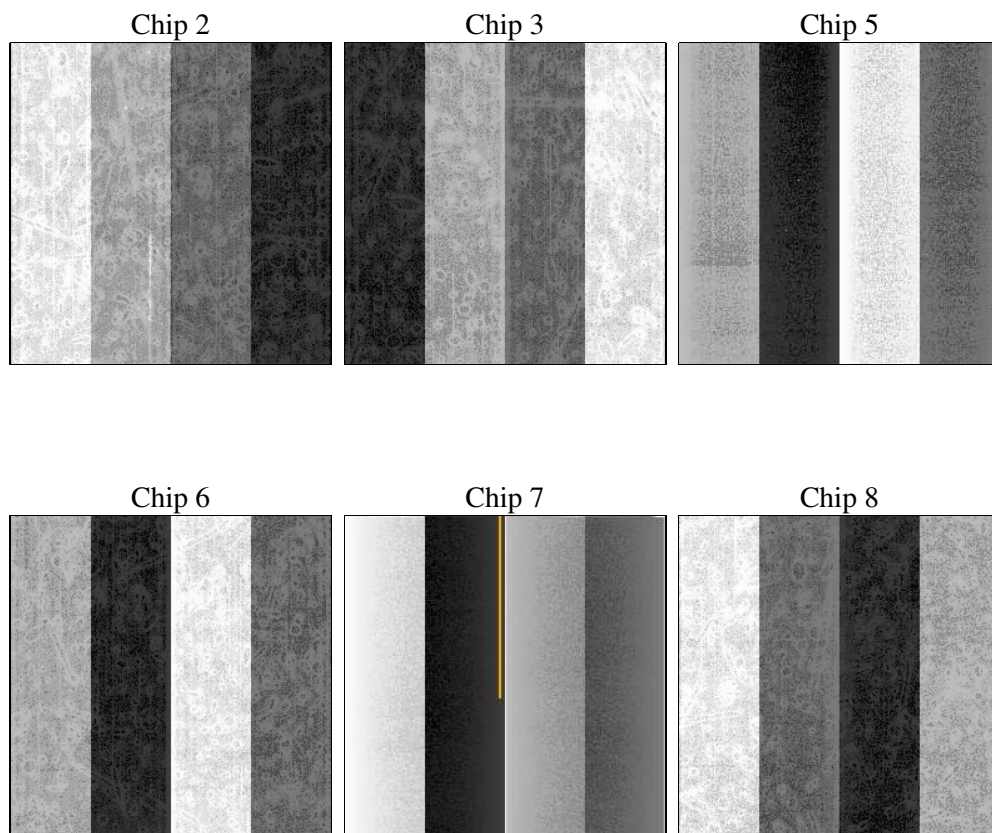
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.11.10
caldsver	3.5.1
date	2009-01-14T04:19:46
revision	4

sched_exp_time	5000.000000
ontime	902.3999966383
ontime2	902.3999966383
ontime3	902.3999966383
ontime5	902.3999966383
ontime6	902.3999966383
ontime7	902.3999966383
ontime8	902.3999966383
llevents	57724

2.1.4 Events

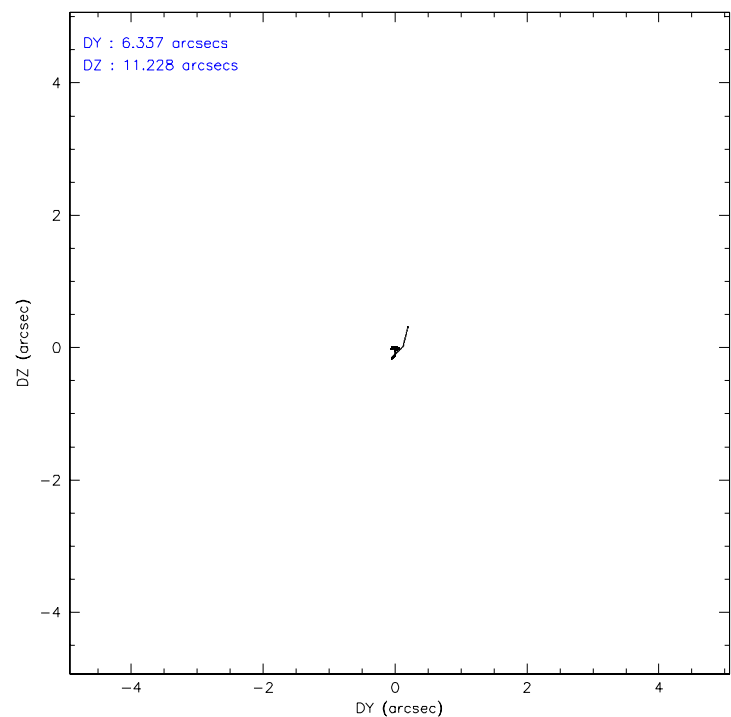
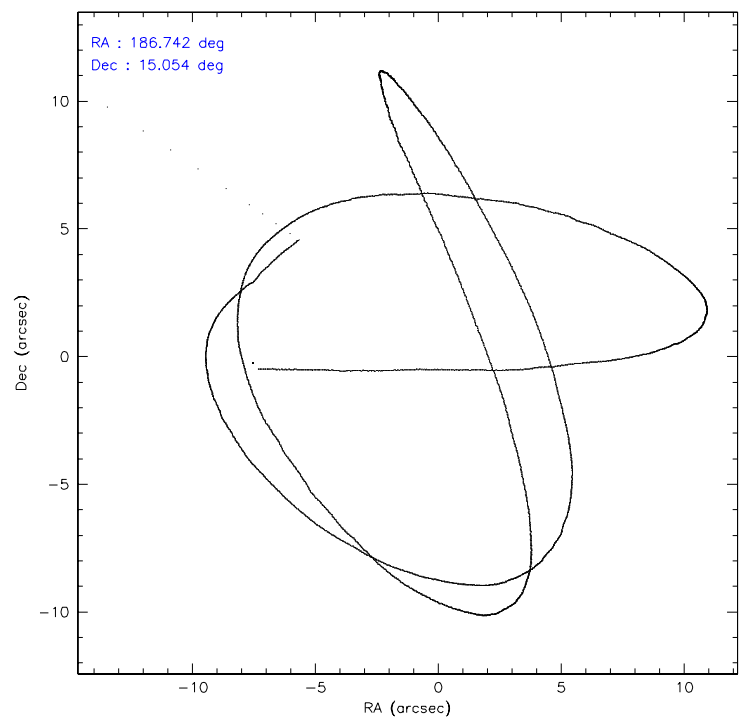
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	7970	7221	8643	7340	7398	19152
rejected events	6319	5800	4652	5801	4078	7118
rejected %	79%	80%	53%	79%	55%	37%

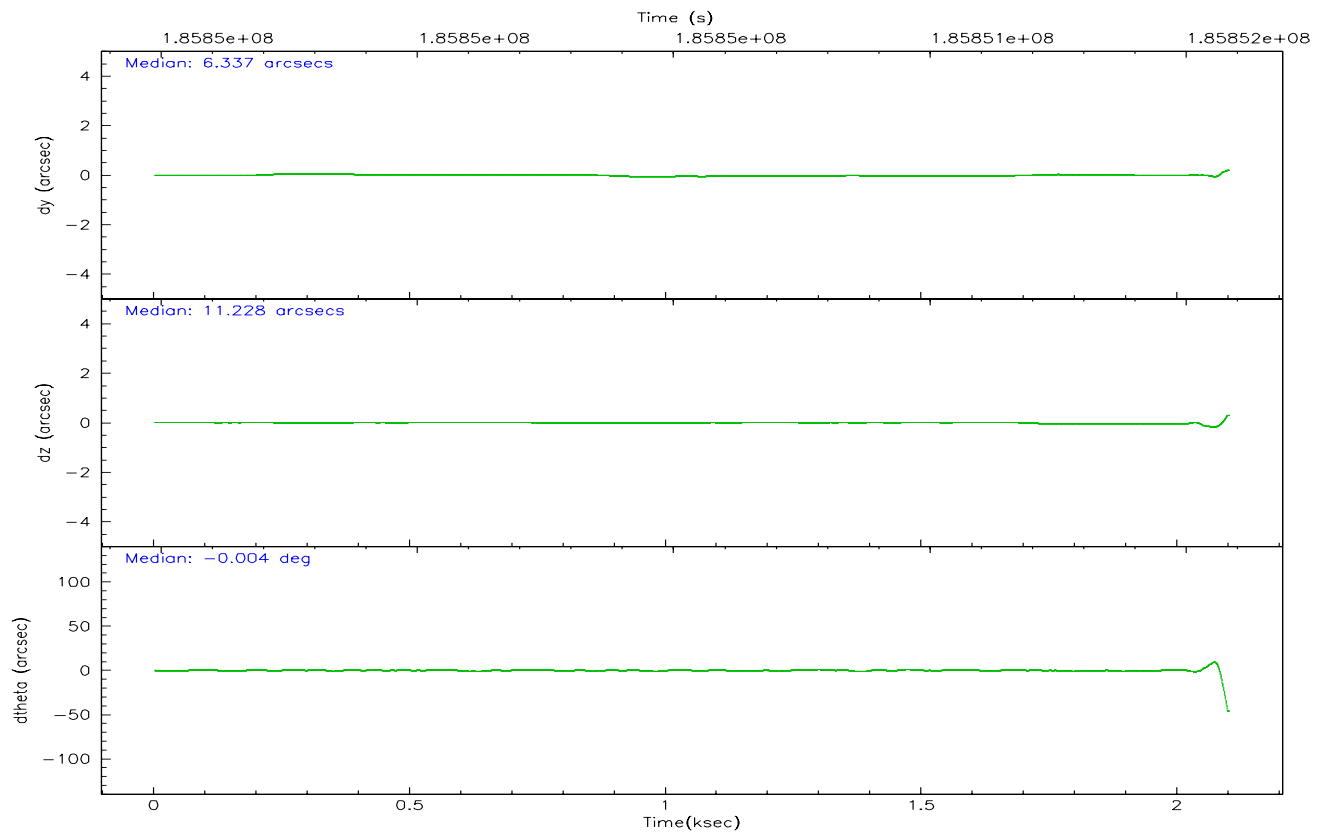
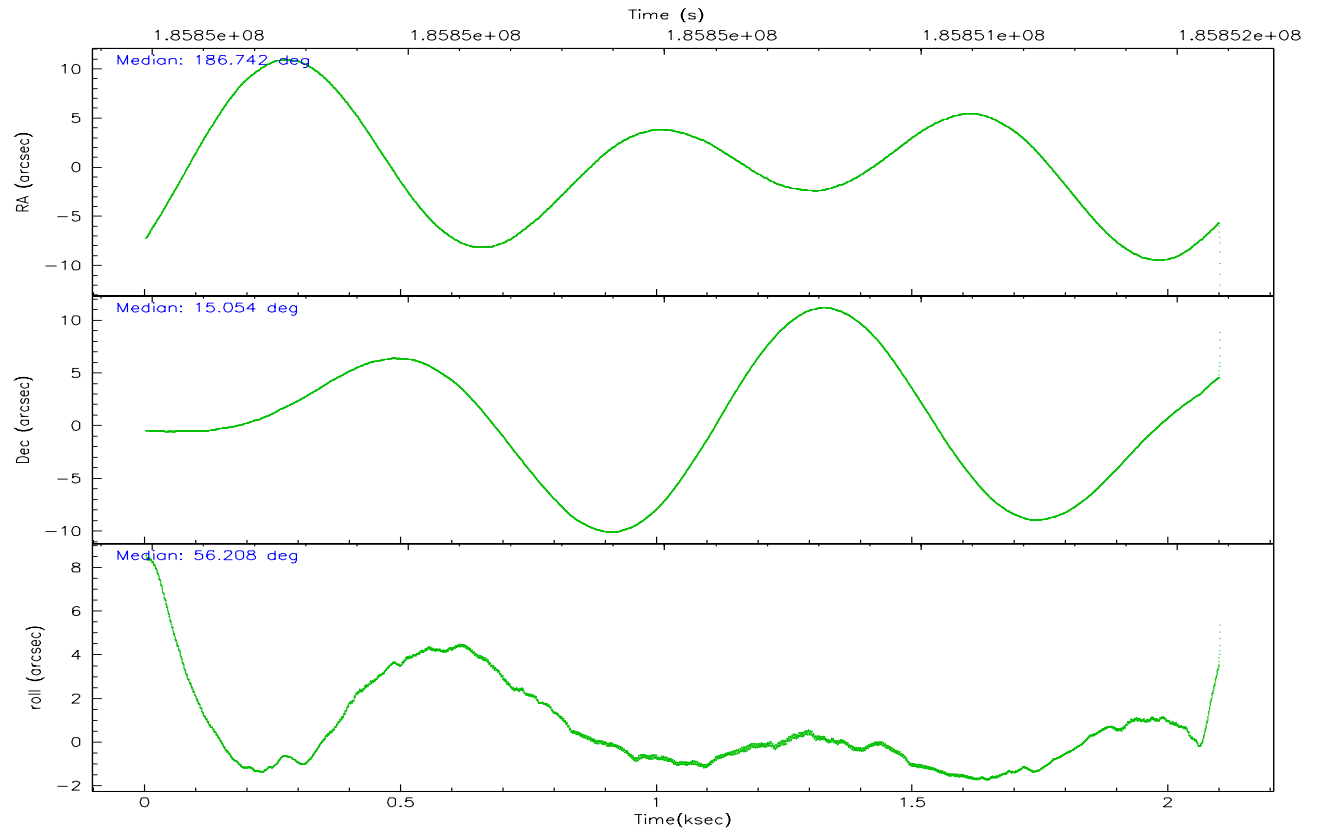
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	786	608	643	695	403	4118
	9%	8%	7%	9%	5%	21%
grade 1 events	7	4	41	6	10	42
	0%	0%	0%	0%	0%	0%
grade 2 events	420	377	1210	434	726	1505
	5%	5%	13%	5%	9%	7%
grade 3 events	78	72	231	76	326	2278
	0%	0%	2%	1%	4%	11%
grade 4 events	112	94	233	49	287	2035
	1%	1%	2%	0%	3%	10%
grade 5 events	193	220	587	202	614	377
	2%	3%	6%	2%	8%	1%
grade 6 events	294	309	1784	326	1668	2349
	3%	4%	20%	4%	22%	12%
grade 7 events	6080	5537	3914	5552	3364	6448
	76%	76%	45%	75%	45%	33%

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	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	186.740458	186.7419162283894	Alternating exposures requested	N	N
Pointing Dec	15.026994	15.05415791603802	Primary exposure time	0.000000	3.2
Pointing Roll	56.055322	56.21158672504848			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	185850647.184000	185849201.17305			
Observation start date	2003-11-22T01:09:43	2003-11-22T00:46:41			
Observation end time	185855647.184000	185851614.02315			
Observation end date	2003-11-22T02:33:03	2003-11-22T01:26:54			
Read mode	TIMED	TIMED			

2.3 Aspect



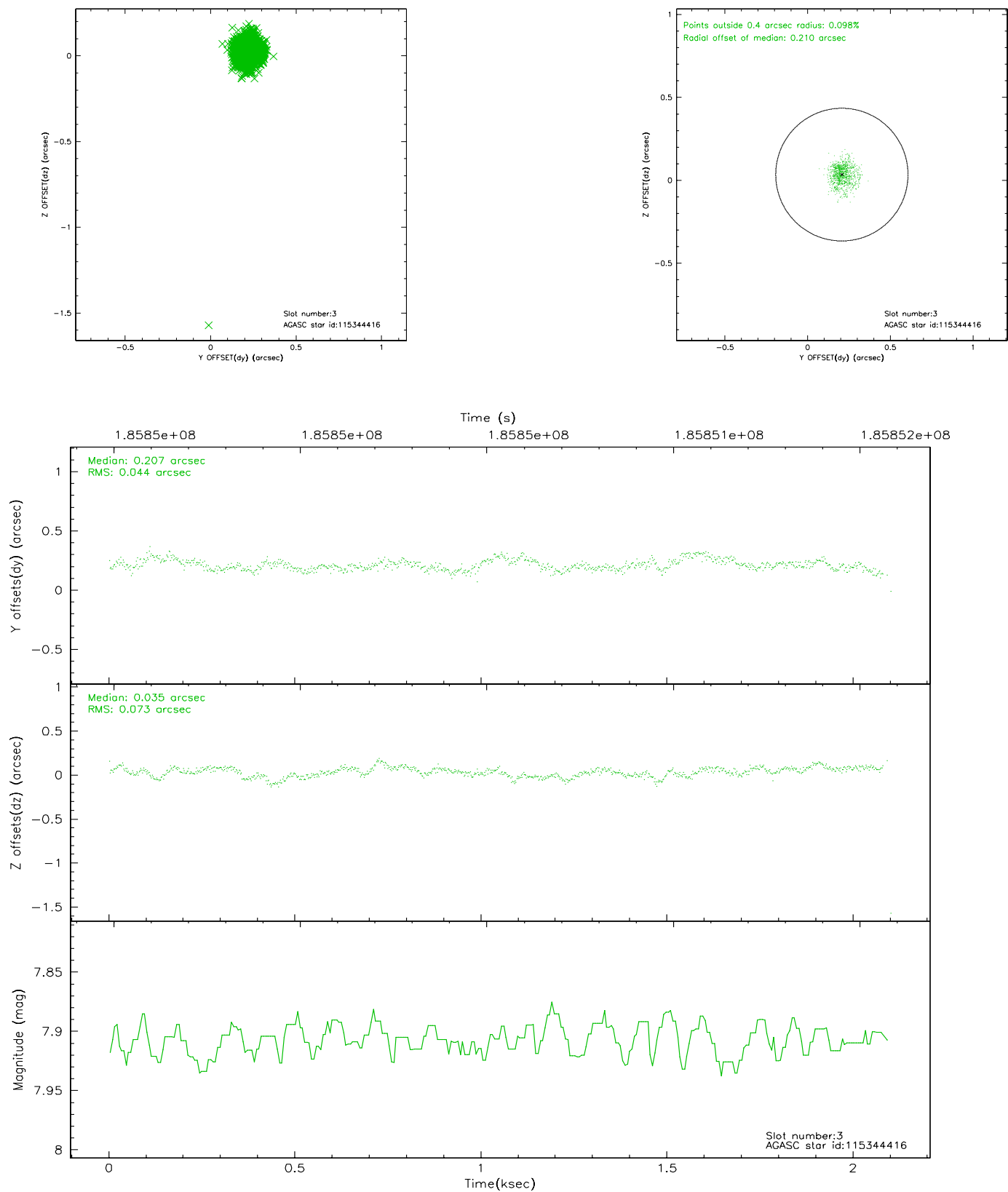


Slot Statistics

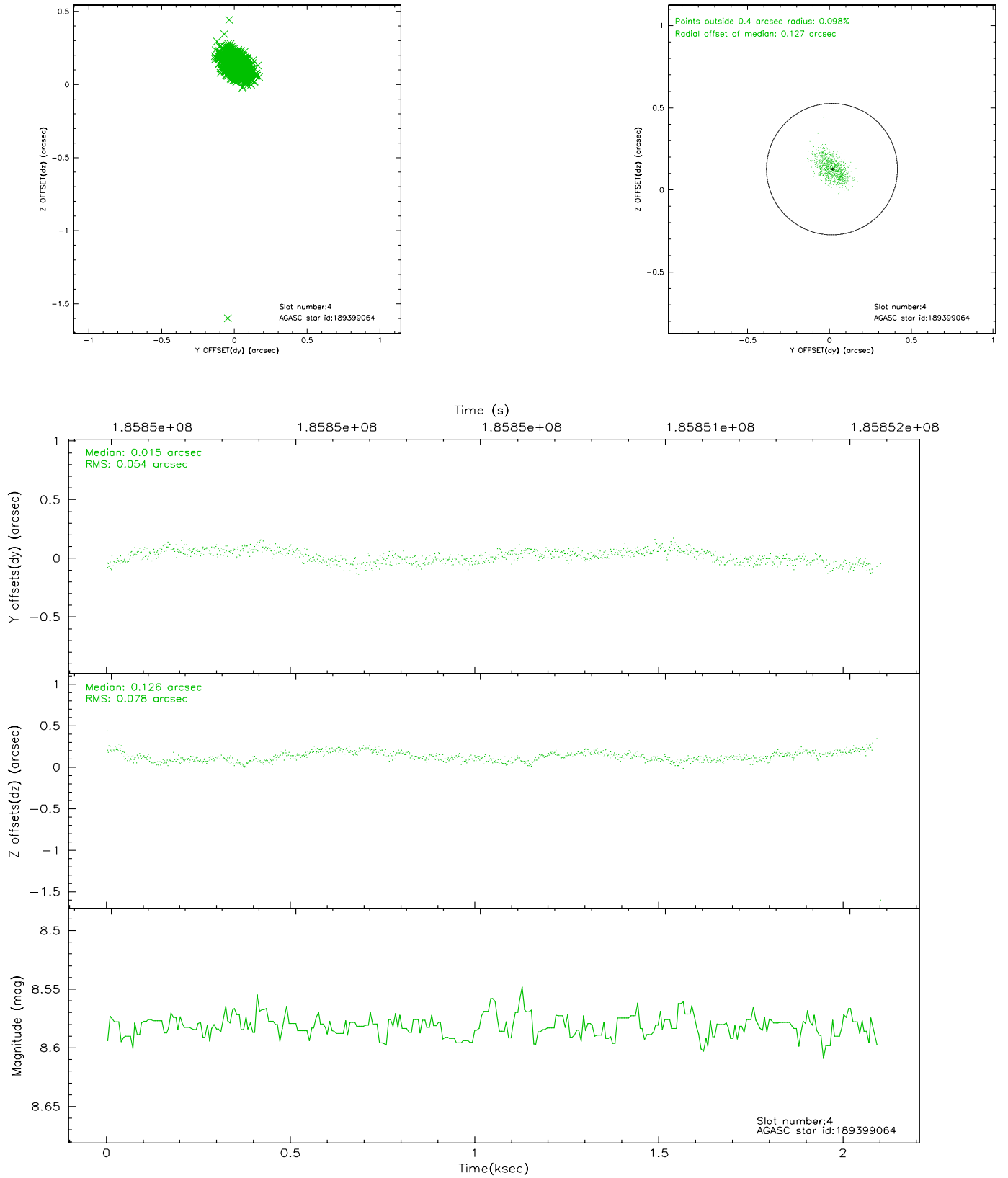
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	501	-0.051	-0.009	0.006	0.011	0.000000	0.000000	-759.10	-1732.51
1	FID	ACIS-S-4	7.20	510	0.056	0.027	0.005	0.010	0.000000	0.000000	2152.85	172.79
2	FID	ACIS-S-5	7.23	511	-0.036	-0.010	0.006	0.013	0.000000	0.000000	-1807.93	169.95
3	GUIDE	115344416	7.91	1017	0.207	0.035	0.072	0.120	186.624628	14.572004	-1583.68	-579.61
4	GUIDE	189399064	8.58	1017	0.015	0.126	0.081	0.133	187.048930	15.252486	1271.09	-435.42
5	GUIDE	189402384	8.78	1015	-0.072	-0.070	0.096	0.153	187.044872	15.618538	2358.03	313.90
6	GUIDE	189403320	10.08	1018	-0.036	0.128	0.252	0.389	186.650538	15.117423	98.13	441.64
7	GUIDE	189414472	6.58	1016	-0.126	-0.205	0.077	0.128	186.513657	15.863941	2061.46	2334.83

2.4 Star Slots

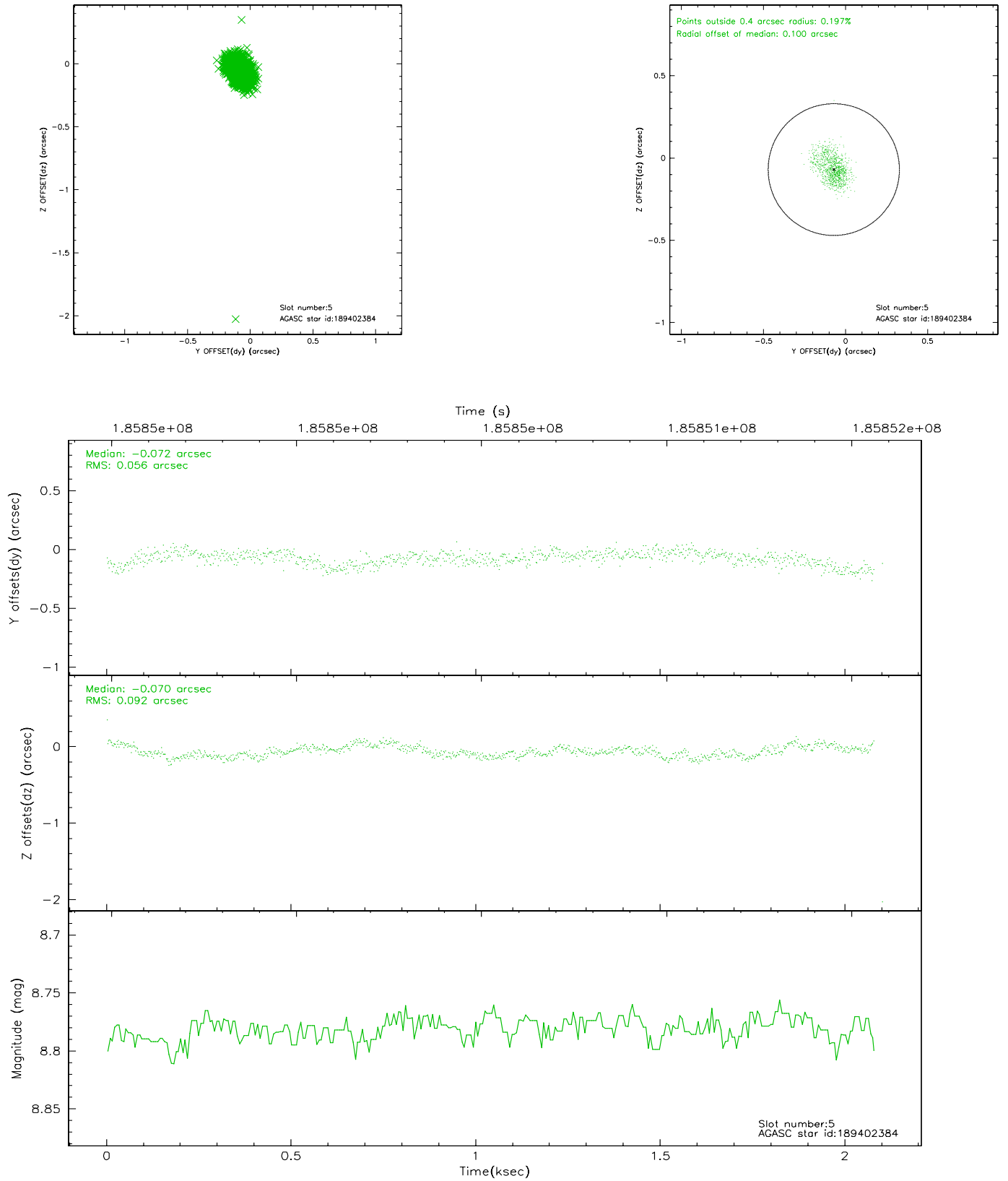
2.4.1 Slot 3



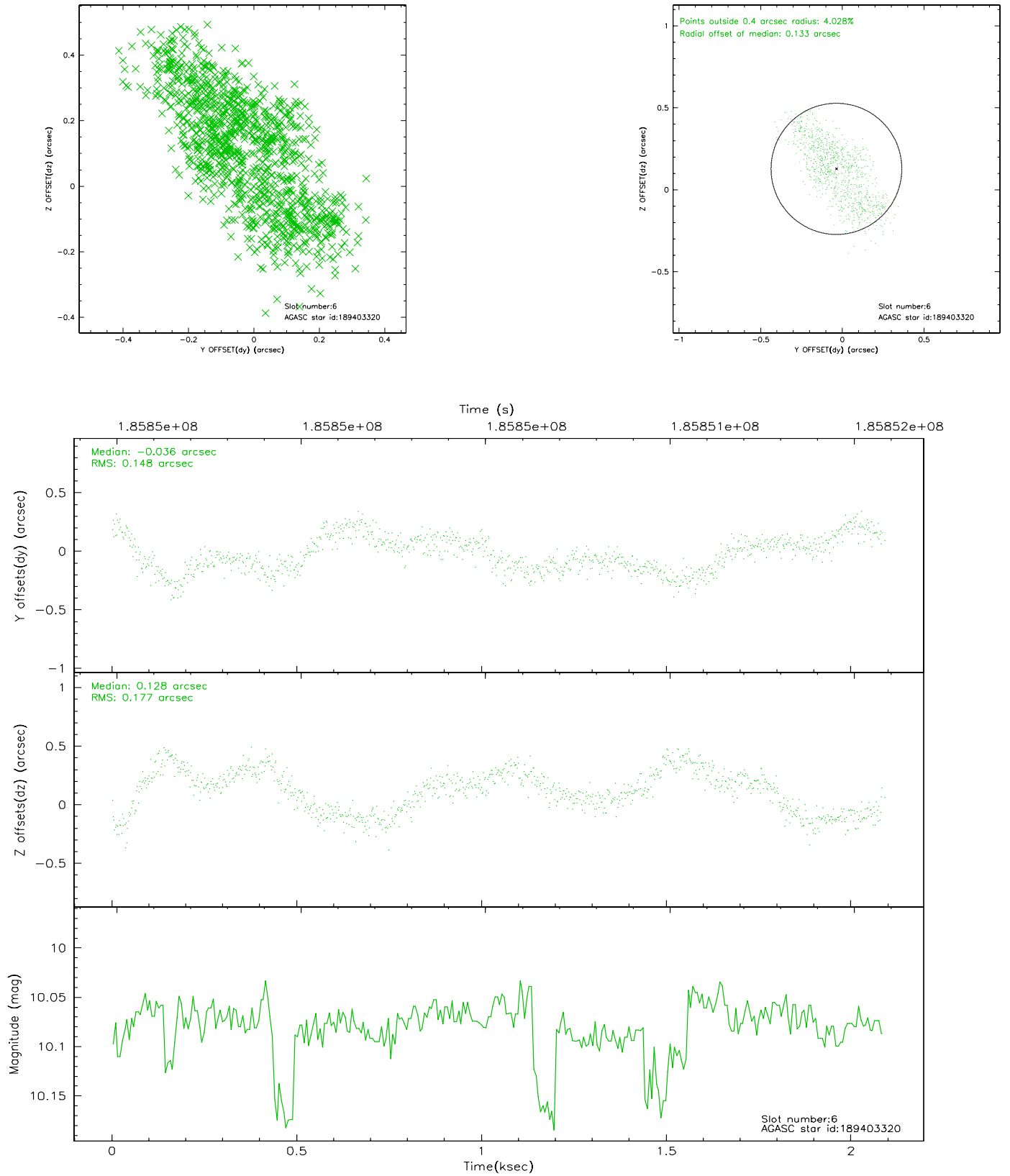
2.4.2 Slot 4



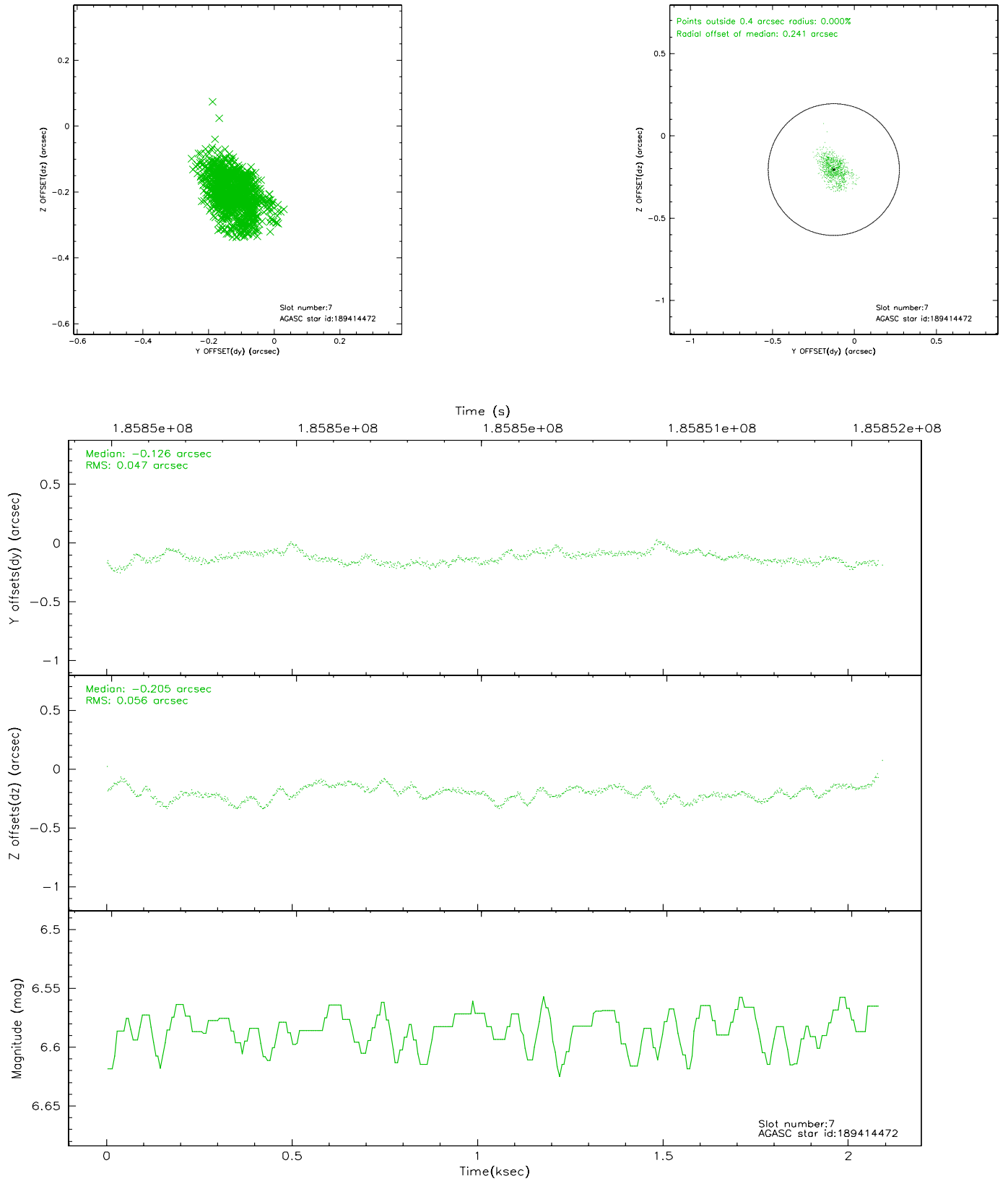
2.4.3 Slot 5



2.4.4 Slot 6

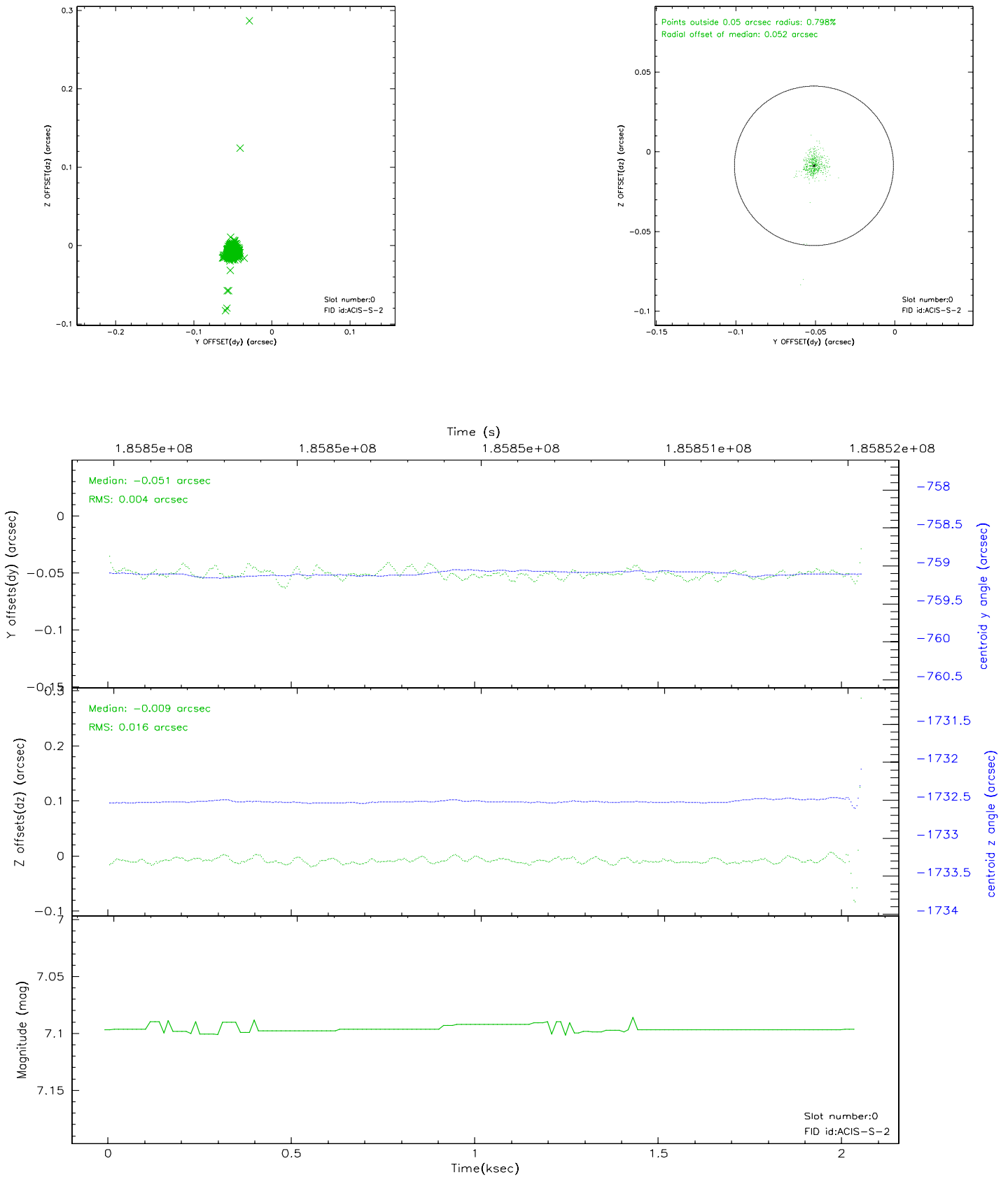


2.4.5 Slot 7

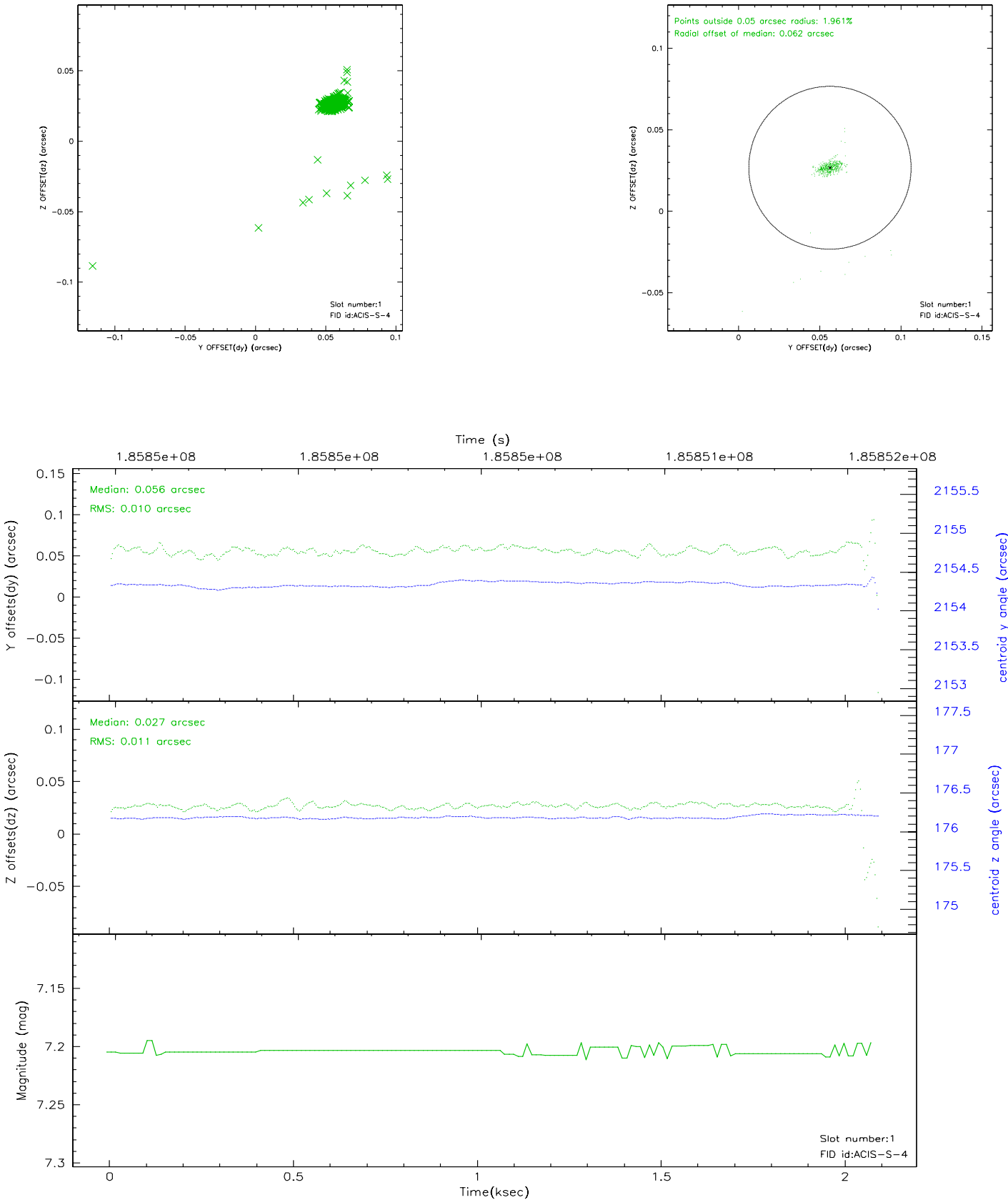


2.5 FID Slots

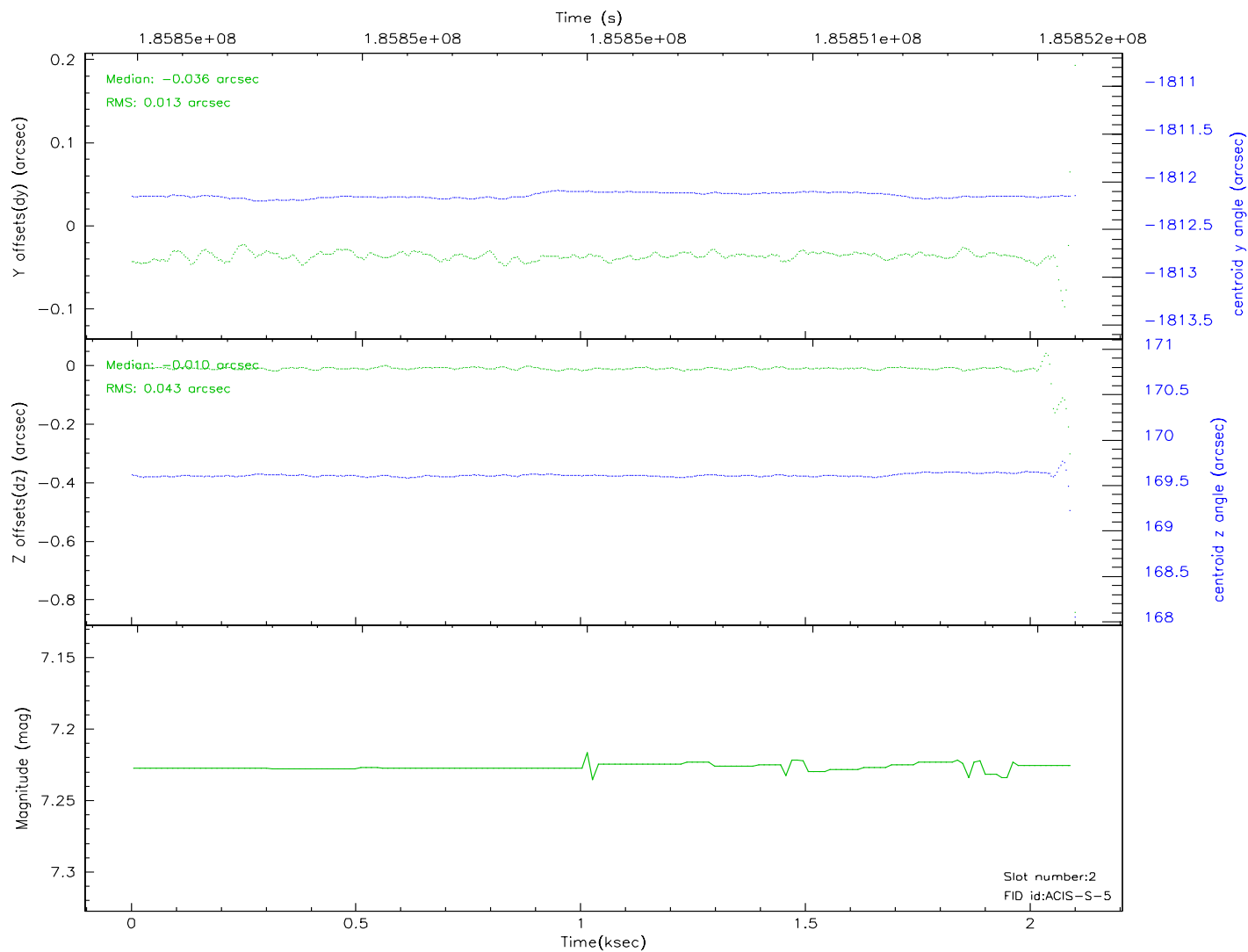
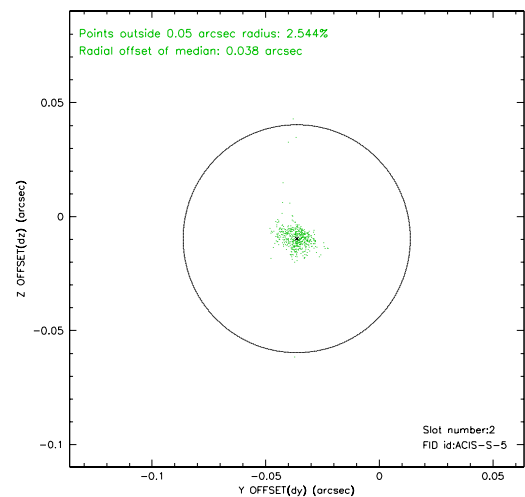
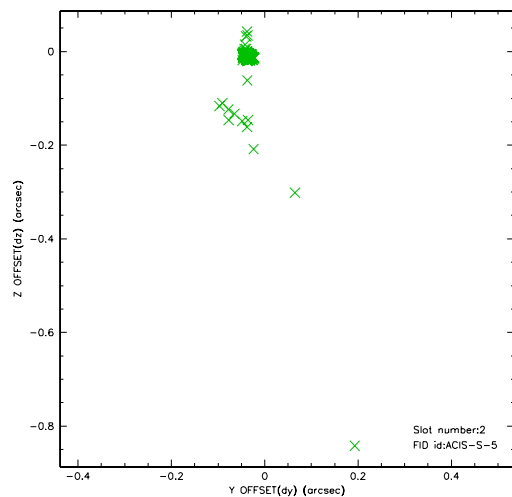
2.5.1 Slot 0



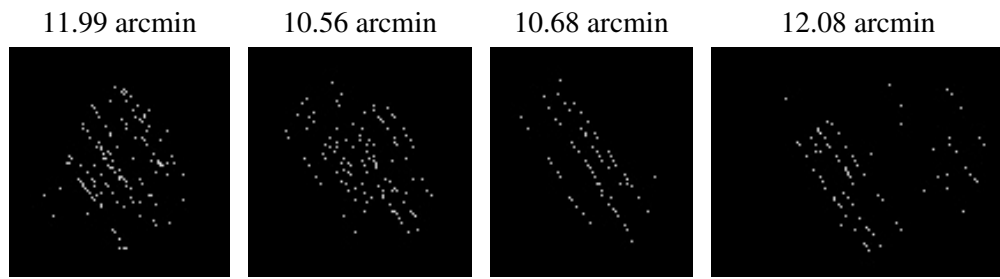
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2009.01.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	0.902

A.2 Comments

This observation was interrupted by safing of the science instruments due to high solar radiation environment. The observation was interrupted at 2003:326:01:24:54.