

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2066 - L2 Version 001
Chandra X-Ray Center

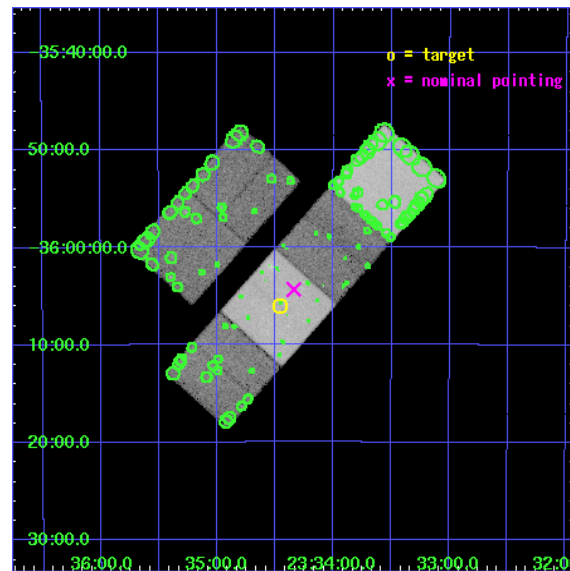
L2 Processing Date : Nov 29 2006

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1 Front

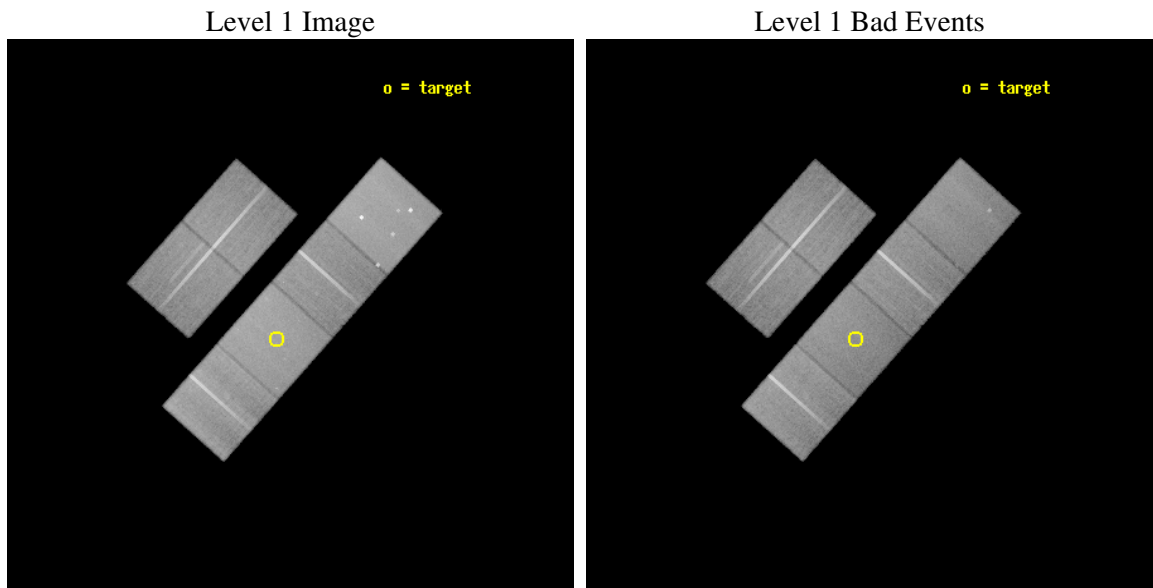
seq_num	600200
obs_id	2066
title	THE X-RAY POINT SOURCE POPULATION IN SPIRAL GALAXIES
observer	Dr. Andrea Prestwich
object	IC 5332
dtcycle	0
cycle	P
ra_targ	353.614167
dec_targ	-36.101389
ra_nom	353.58504379275
dec_nom	-36.072198557476
roll_nom	131.66684557235
revision	2
ontime	52812.800049186
livetime	52144.052574913
ontime2	52806.318078861
ontime3	52812.800049186
ontime5	52812.800049186
ontime6	52812.800049186
ontime7	52812.800049186
ontime8	52812.800049186
l2events	478050



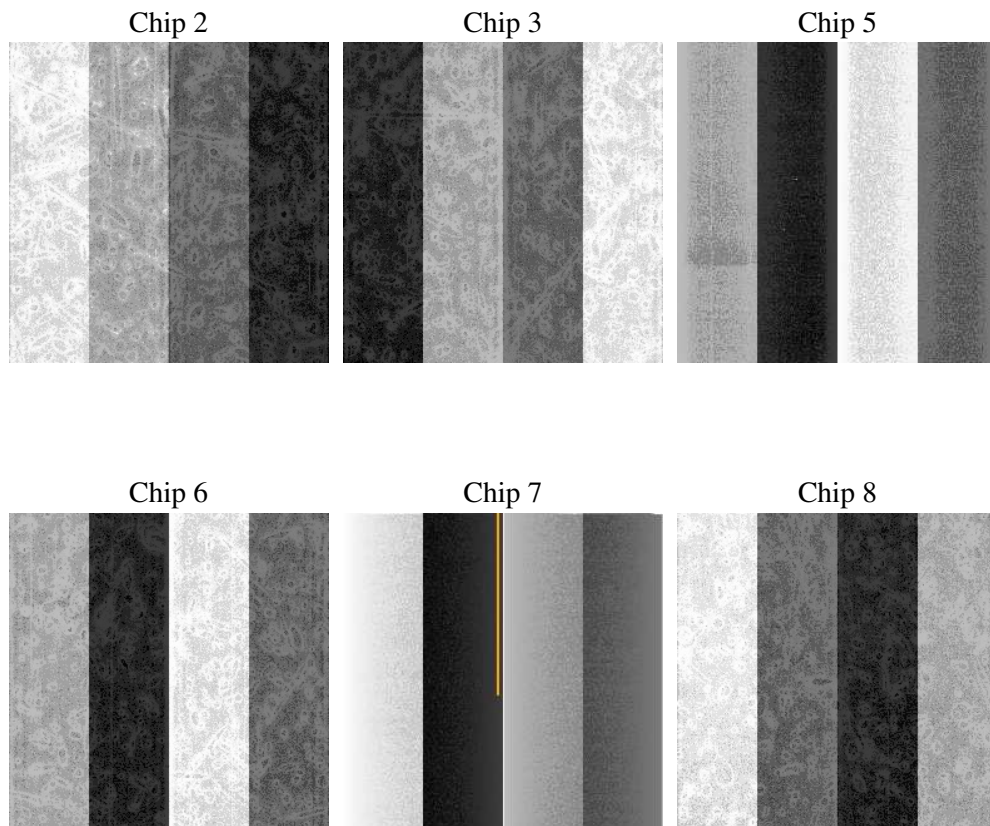
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.9
caldsver	3.2.4
date	2006-11-29T14:55:06
revision	2

sched_exp_time	52700.000000
ontime	53350.056901544
ontime2	53343.574901298
ontime3	53350.056871623
ontime5	53350.056901544
ontime6	53350.056901544
ontime7	53350.056901544
ontime8	53350.056901544
l1events	2286182

2.1.4 Events

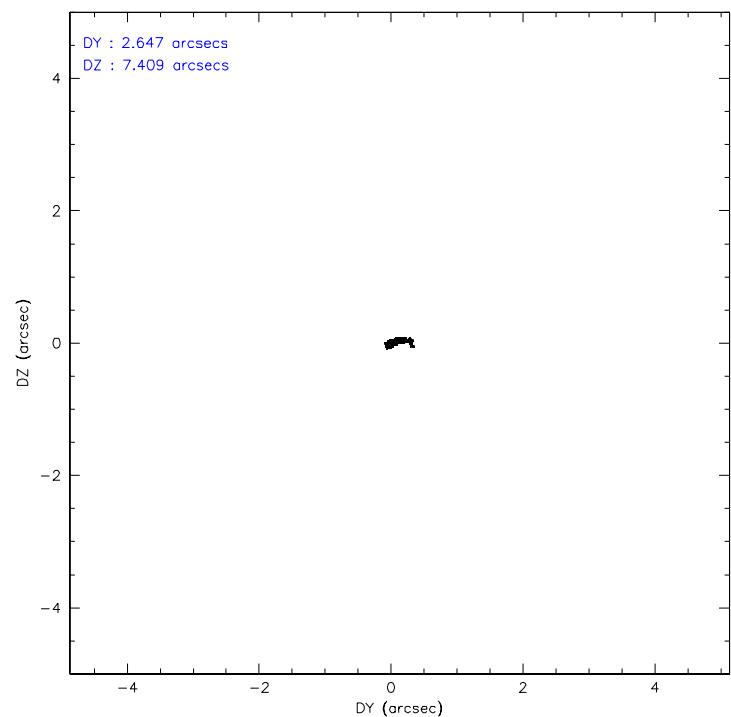
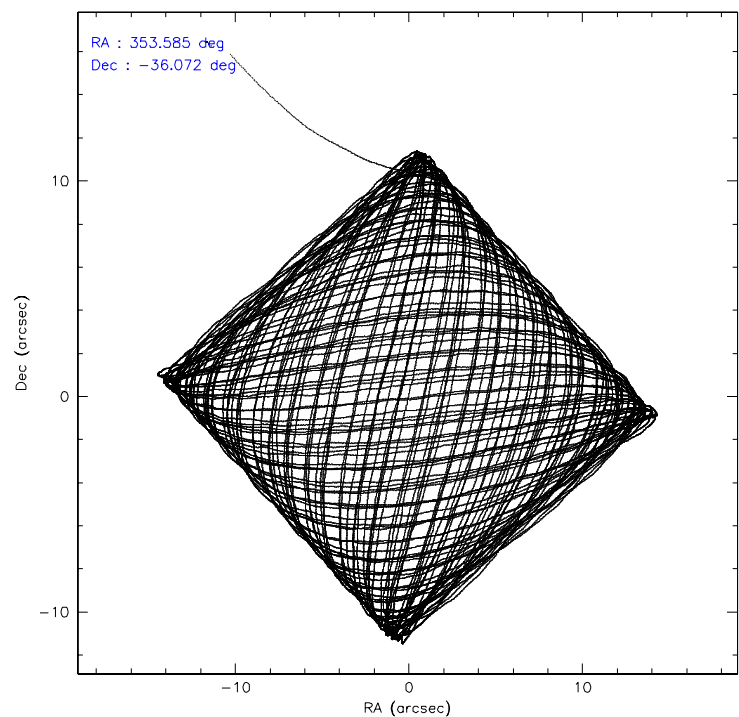
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	336045	318099	465378	332643	422251	411766
rejected events	299028	281830	260698	294975	258647	327707
rejected %	88%	88%	56%	88%	61%	79%

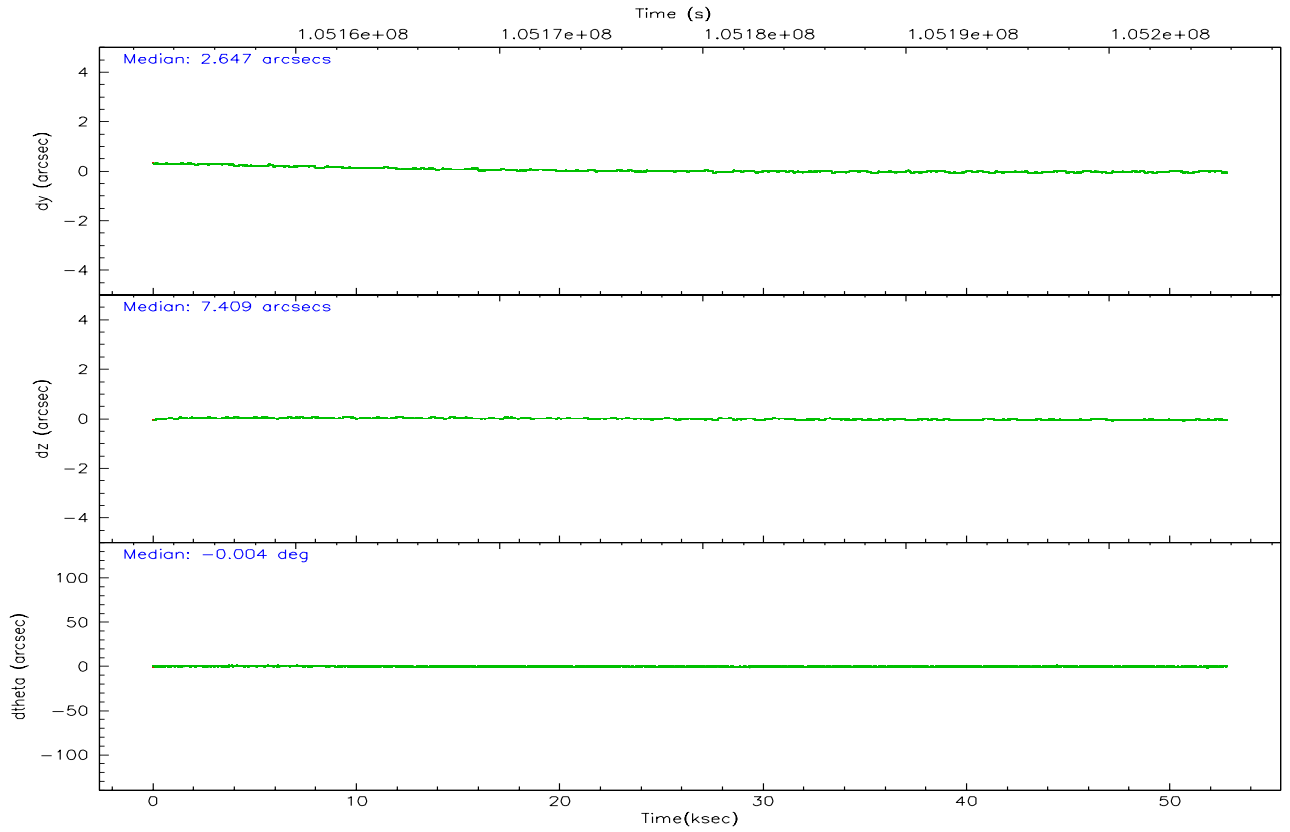
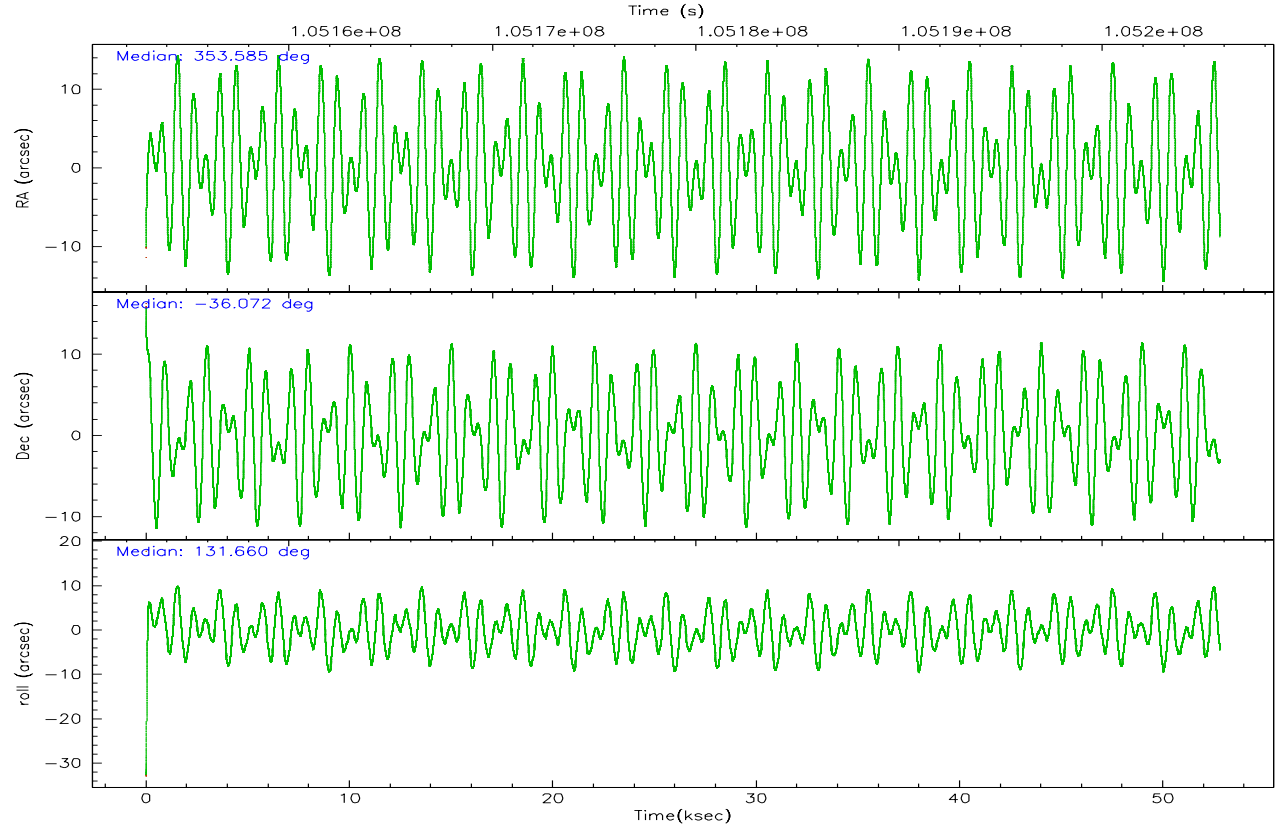
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	16033	15628	20312	15610	11719	26553
	4%	4%	4%	4%	2%	6%
grade 1 events	150	138	522	157	263	263
	0%	0%	0%	0%	0%	0%
grade 2 events	7919	7345	63294	7527	40602	18112
	2%	2%	13%	2%	9%	4%
grade 3 events	3475	3544	4580	3720	9550	9341
	1%	1%	0%	1%	2%	2%
grade 4 events	3408	3540	4389	3703	9063	8811
	1%	1%	0%	1%	2%	2%
grade 5 events	11361	12289	21903	13593	28857	17199
	3%	3%	4%	4%	6%	4%
grade 6 events	6573	6552	114339	7491	94261	22121
	1%	2%	24%	2%	22%	5%
grade 7 events	287126	269063	236039	280842	227936	309366
	85%	84%	50%	84%	53%	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	353.617198	353.5850437927546	Subarray requested	NONE	NONE
Pointing Dec	-36.080527	-36.0721985574765	Alternating exposures requested	N	N
Pointing Roll	131.529162	131.666845572351	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	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	105153092.184000	105151784.76746			
Observation start date	2001-05-02T01:10:28	2001-05-02T00:49:44			
Observation end time	105205792.184000	105206632.00709			
Observation end date	2001-05-02T15:48:48	2001-05-02T16:03:52			
Read mode	TIMED	TIMED			

2.3 Aspect



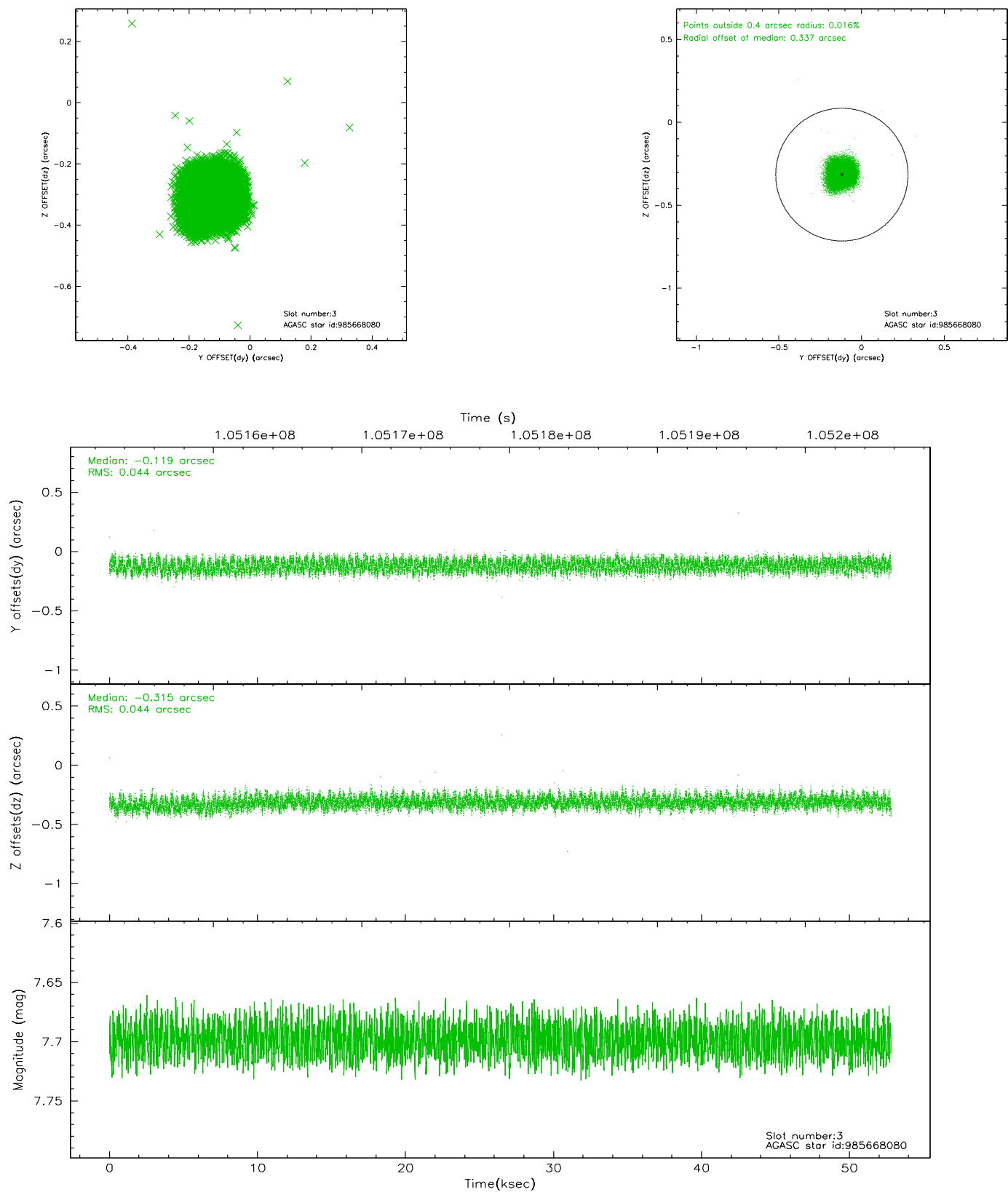


Slot Statistics

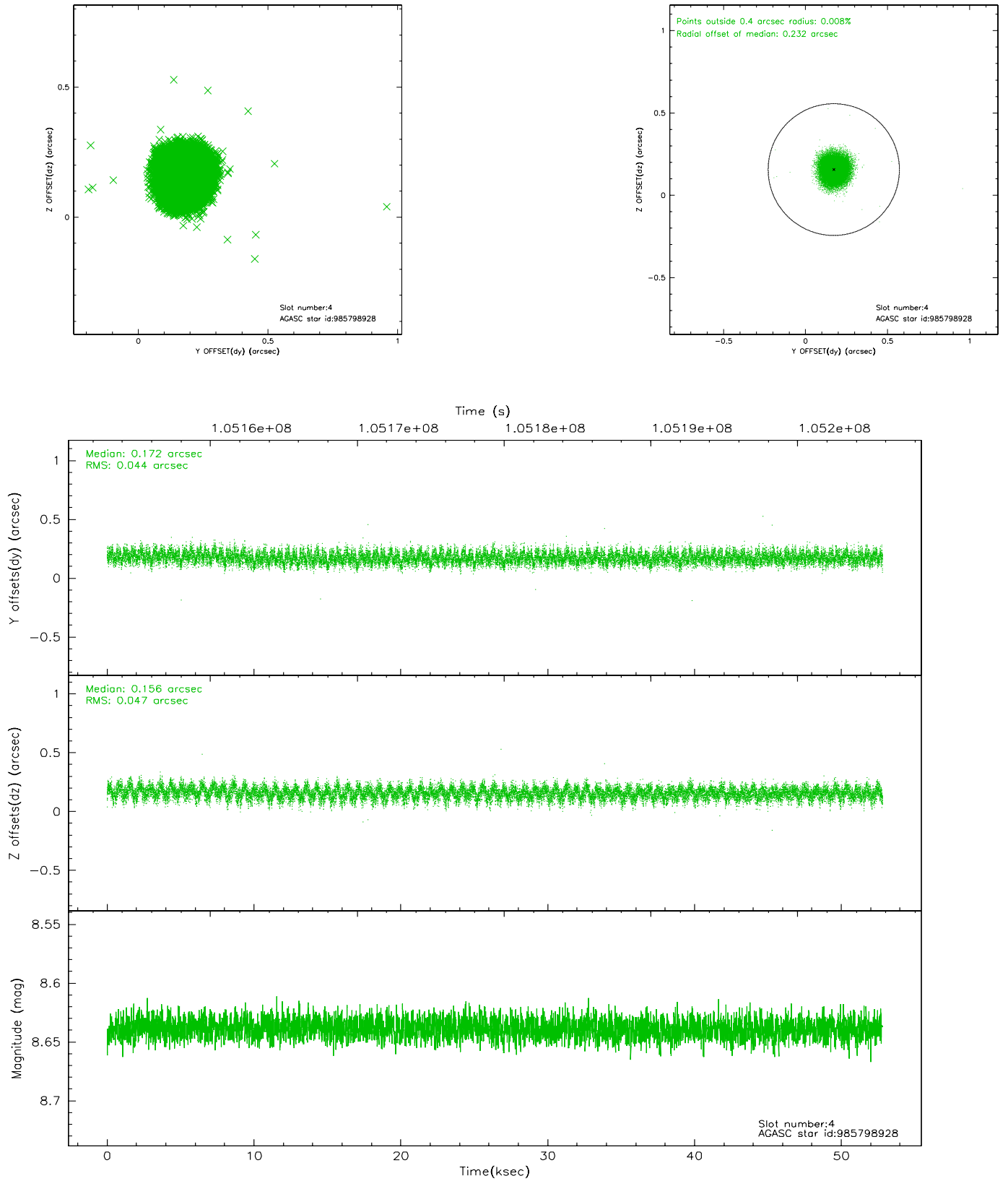
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	12884	0.006	0.018	0.009	0.020	0.000000	0.000000	-755.33	-1728.56
1	FID	ACIS-S-4	7.19	12881	-0.091	-0.007	0.008	0.026	0.000000	0.000000	2157.87	179.91
2	FID	ACIS-S-5	7.24	12883	0.055	-0.002	0.008	0.014	0.000000	0.000000	-1808.15	173.57
3	GUIDE	985668080	7.70	25765	-0.119	-0.315	0.068	0.104	352.897615	-36.291239	811.15	2071.25
4	GUIDE	985798928	8.64	25763	0.172	0.156	0.069	0.109	354.433472	-36.178095	-1841.69	-1535.98
5	GUIDE	985670712	8.76	25762	-0.029	0.141	0.079	0.125	353.444604	-35.512328	1867.20	-976.74
6	GUIDE	985668240	9.76	25755	-0.057	-0.189	0.138	0.215	352.751447	-36.257939	1180.47	2312.47
7	GUIDE	985802352	8.60	25763	0.044	0.202	0.091	0.139	354.497394	-35.878313	-1164.68	-2396.64

2.4 Star Slots

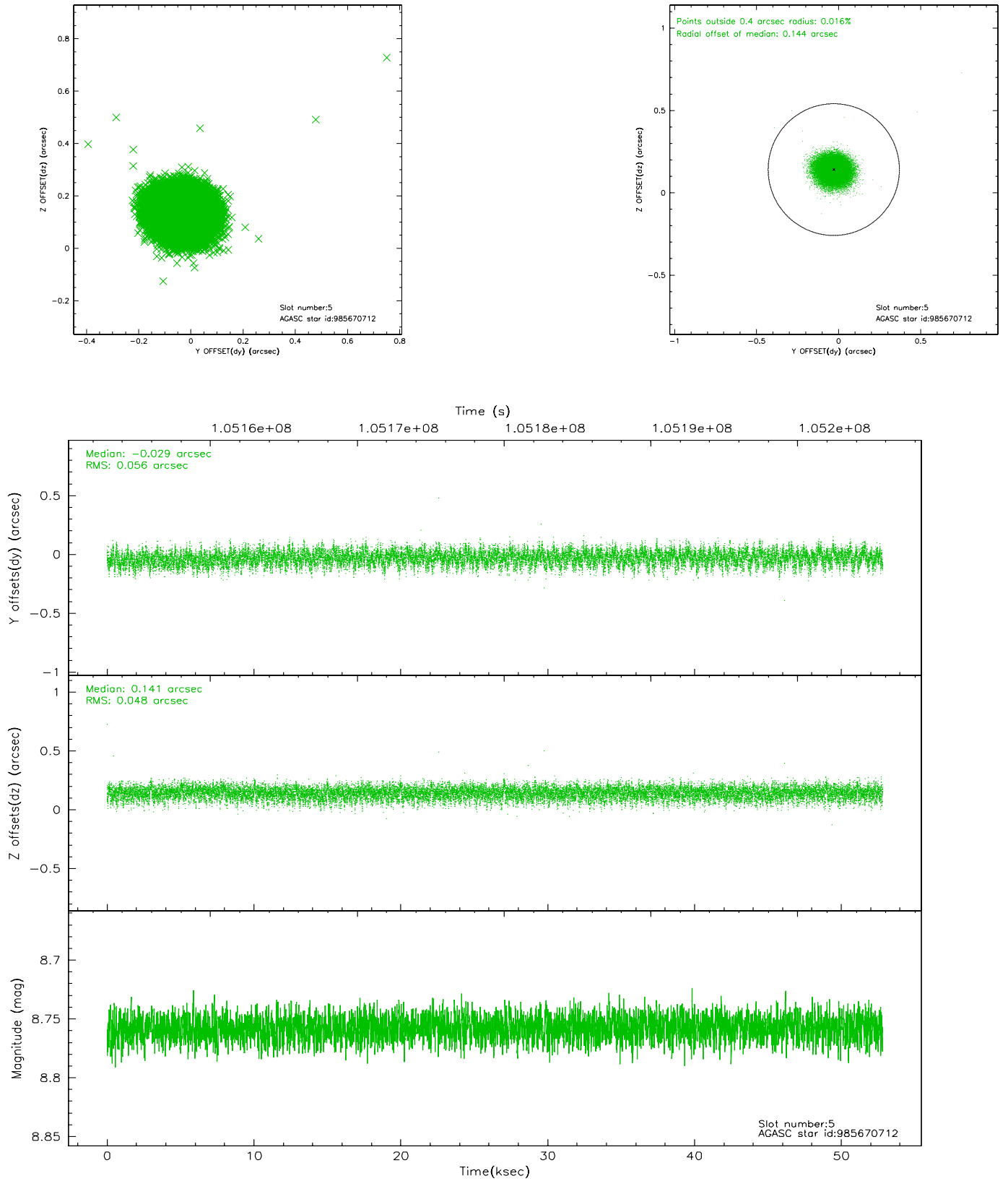
2.4.1 Slot 3



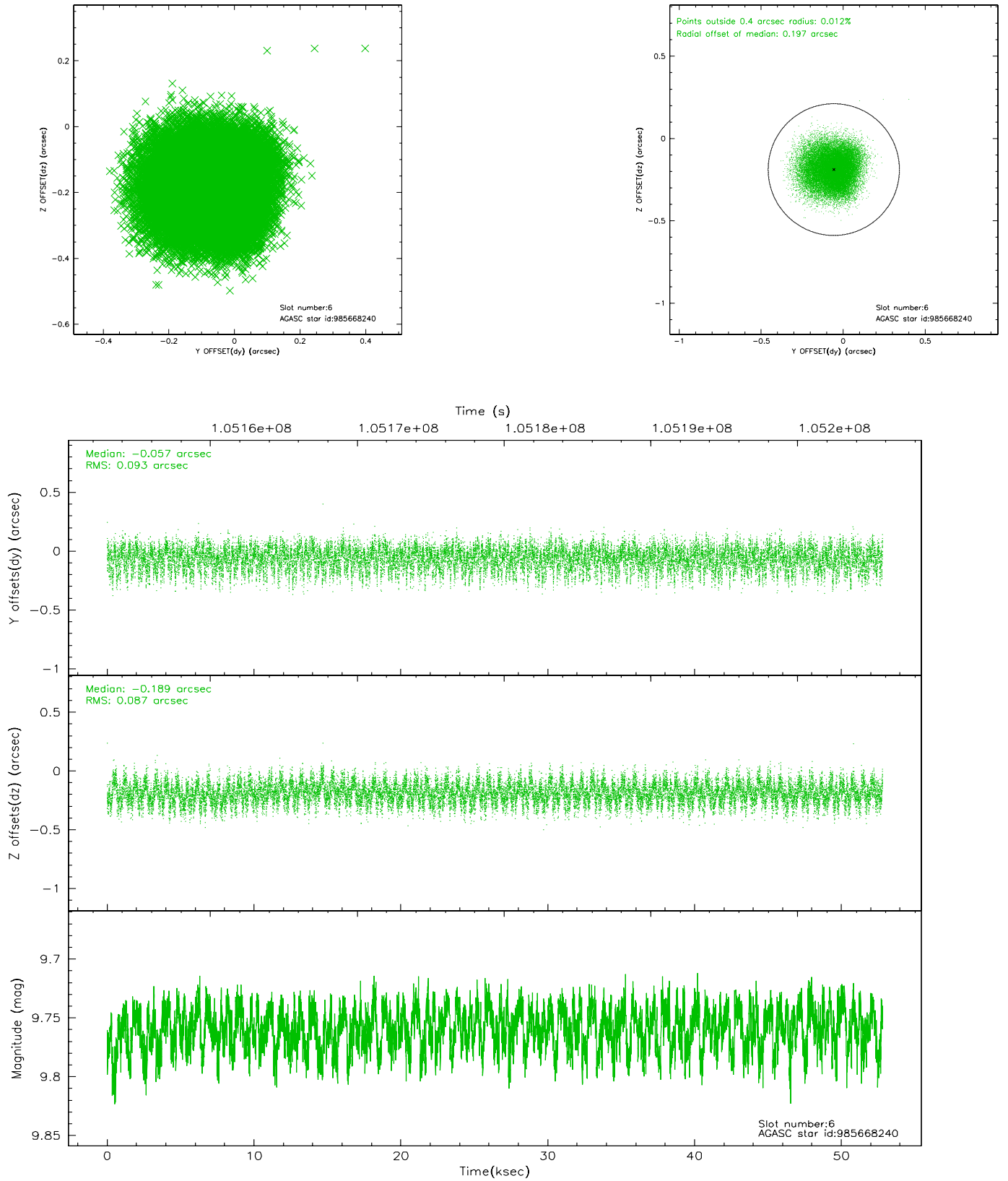
2.4.2 Slot 4



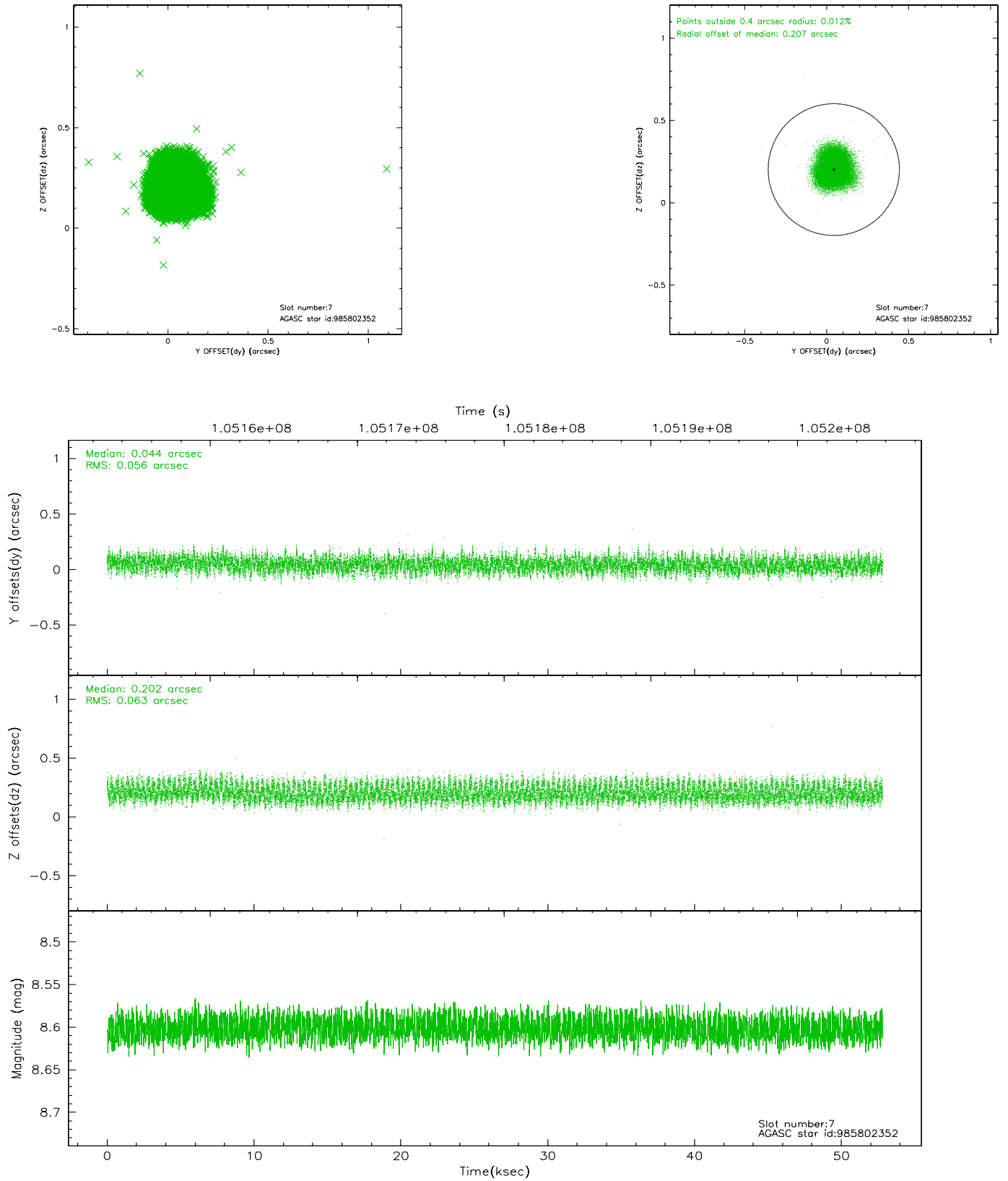
2.4.3 Slot 5



2.4.4 Slot 6

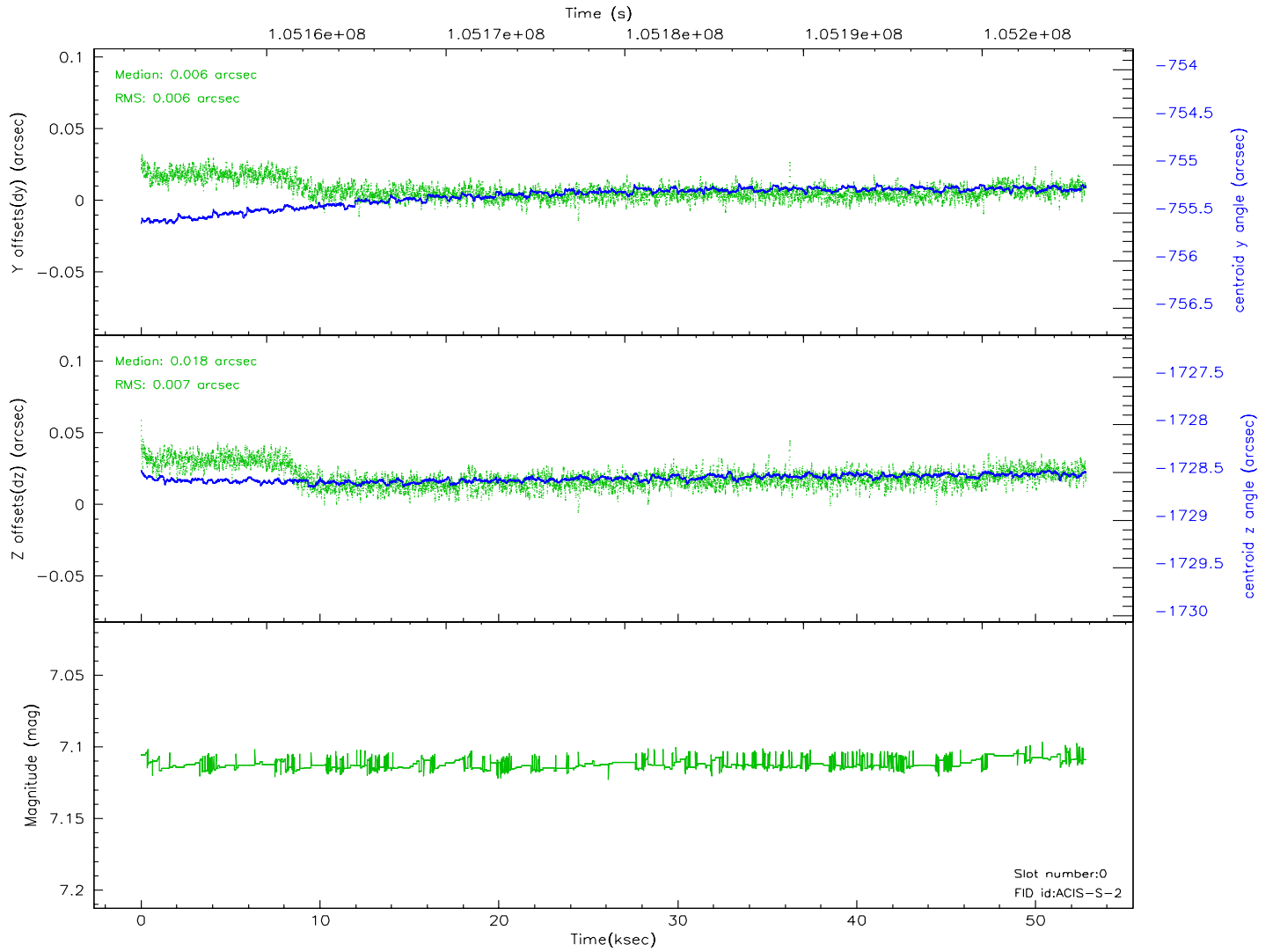
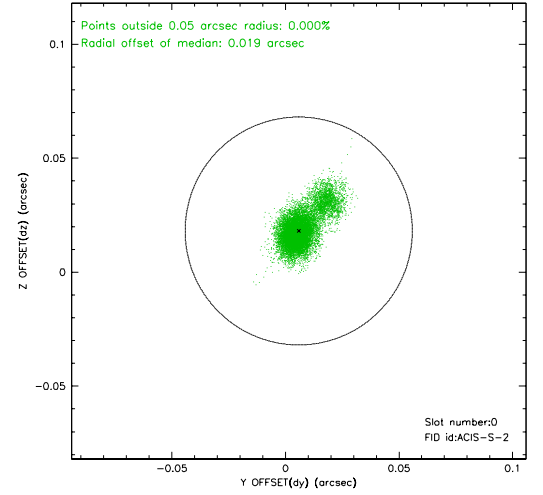
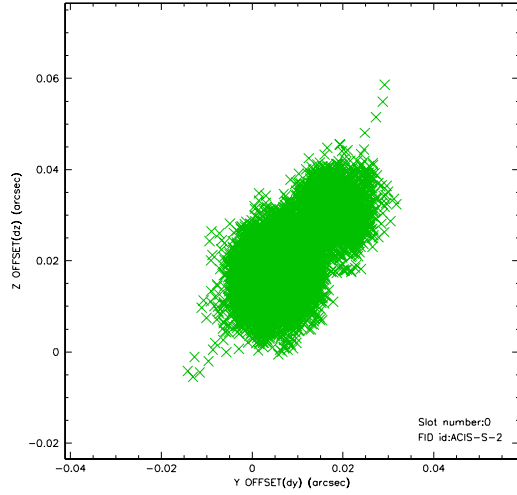


2.4.5 Slot 7

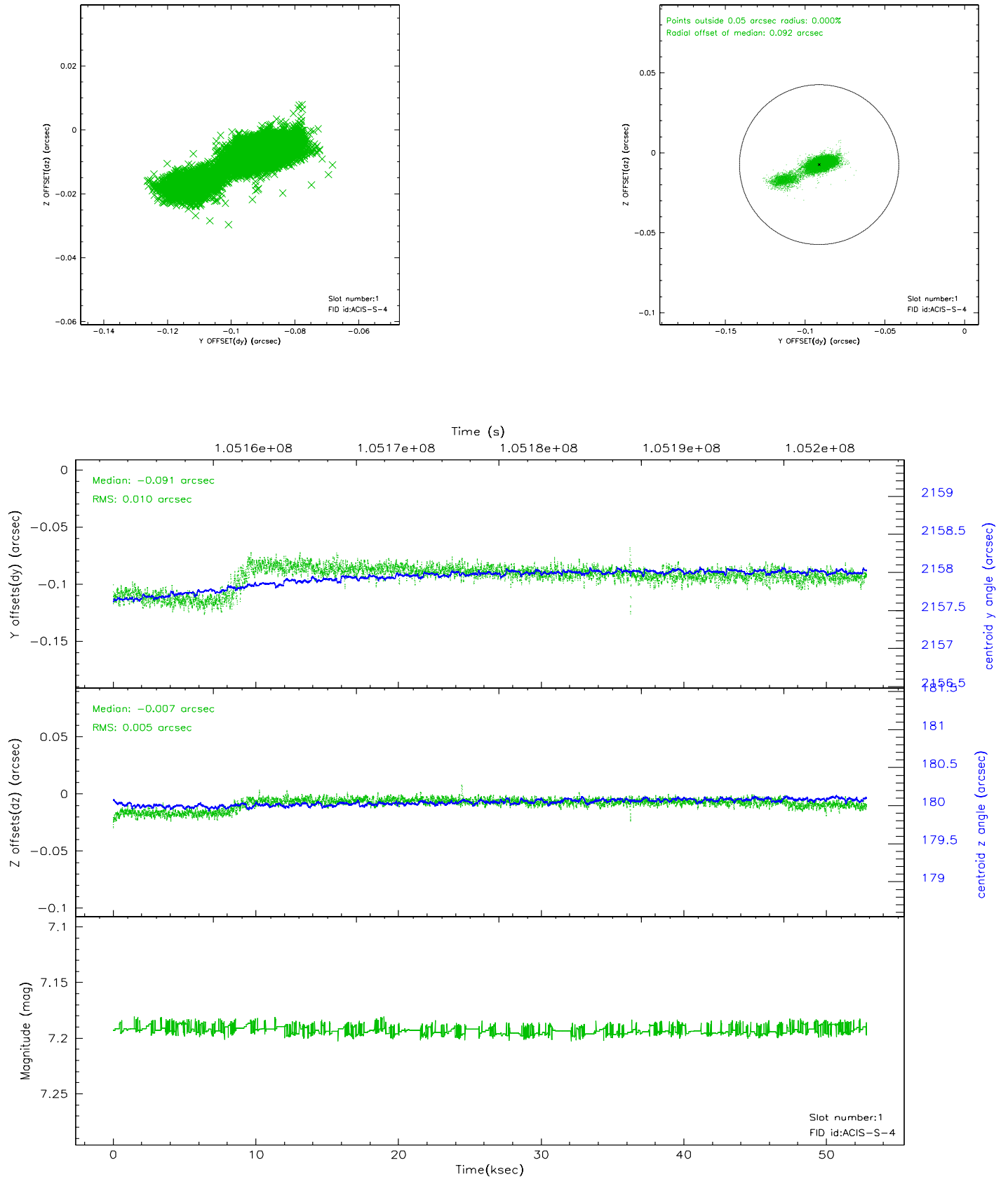


2.5 FID Slots

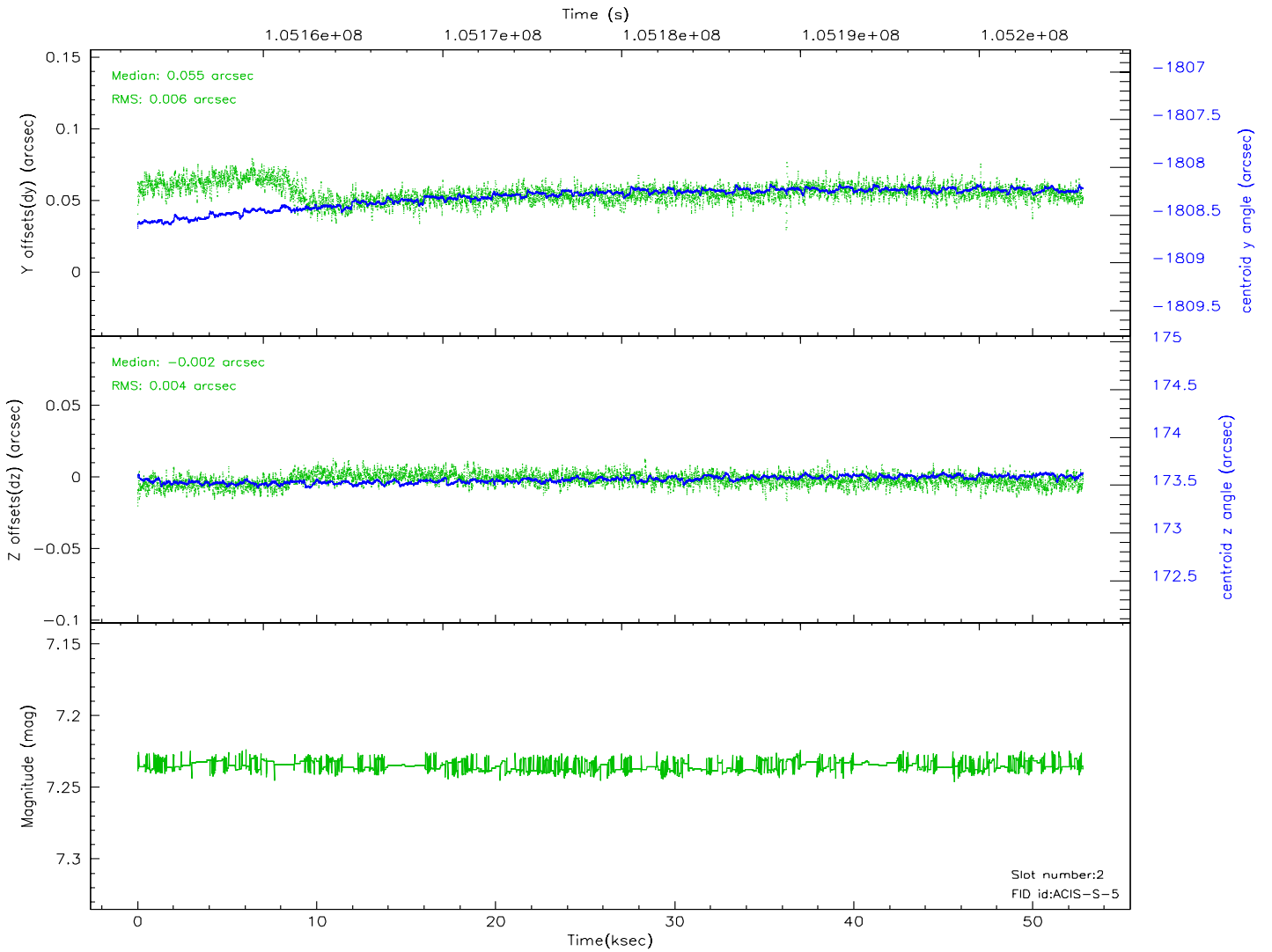
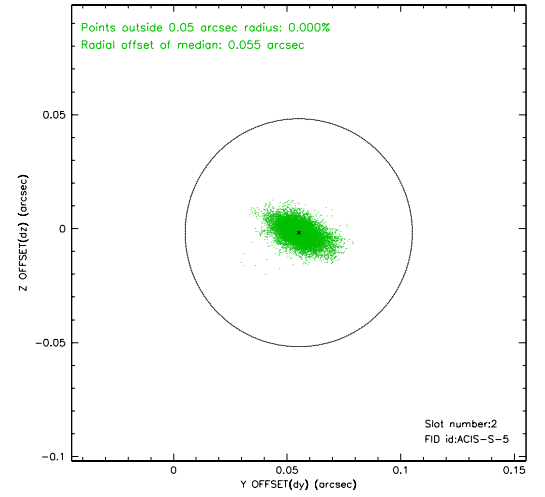
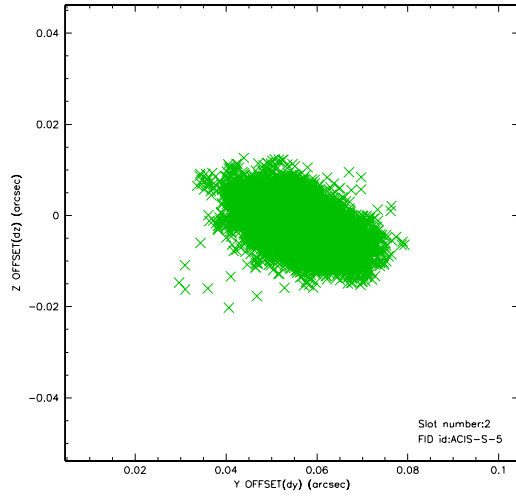
2.5.1 Slot 0



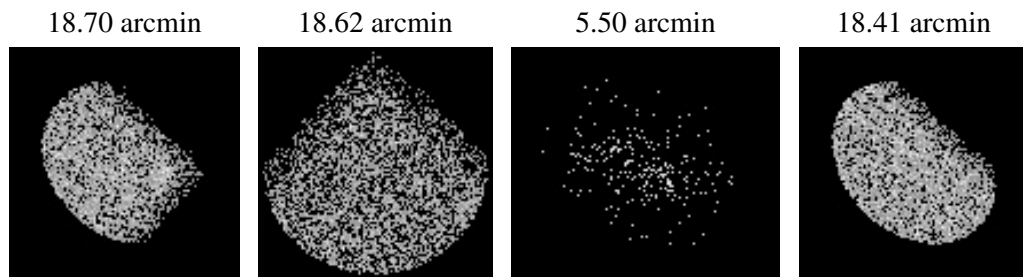
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.11.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	52.803

A.2 Comments