

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 3321 - L2 Version 001
Chandra X-Ray Center

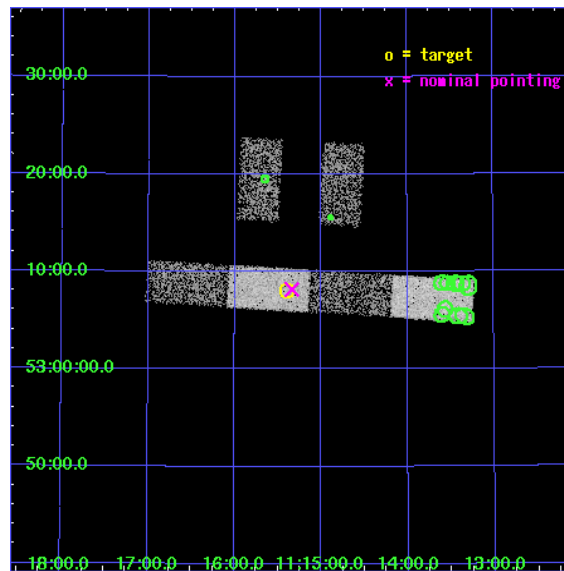
L2 Processing Date : Sep 6 2006

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1 Front

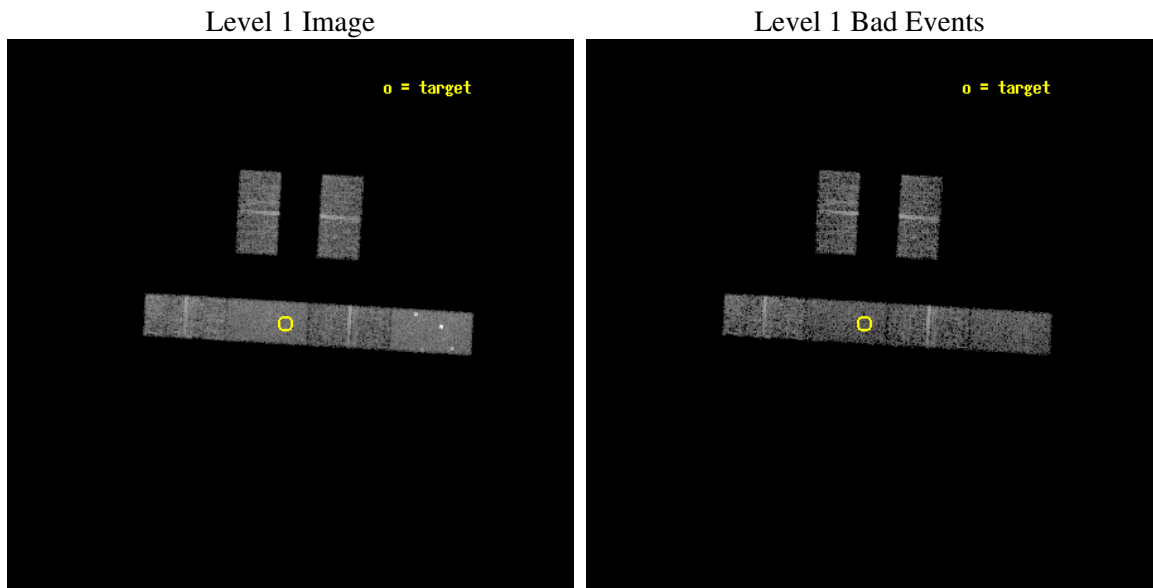
seq_num	900160
obs_id	3321
title	THE SHEEP SURVEY: WHAT KIND OF OBJECTS MAKE THE X-RAY BACKGROUND?
observer	Professor Kirpal Nandra
object	AX J1115.4+5308
dtcycle	0
cycle	P
ra_targ	168.850417
dec_targ	53.135278
ra_nom	168.83446055508
dec_nom	53.136483645391
roll_nom	183.36888950743
revision	2
ontime	4903.1999918818
livetime	4793.8990925712
ontime2	4903.1999918818
ontime3	4903.1999918818
ontime5	4903.1999918818
ontime6	4903.1999918818
ontime7	4903.1999918818
ontime8	4903.1999918818
l2events	25889



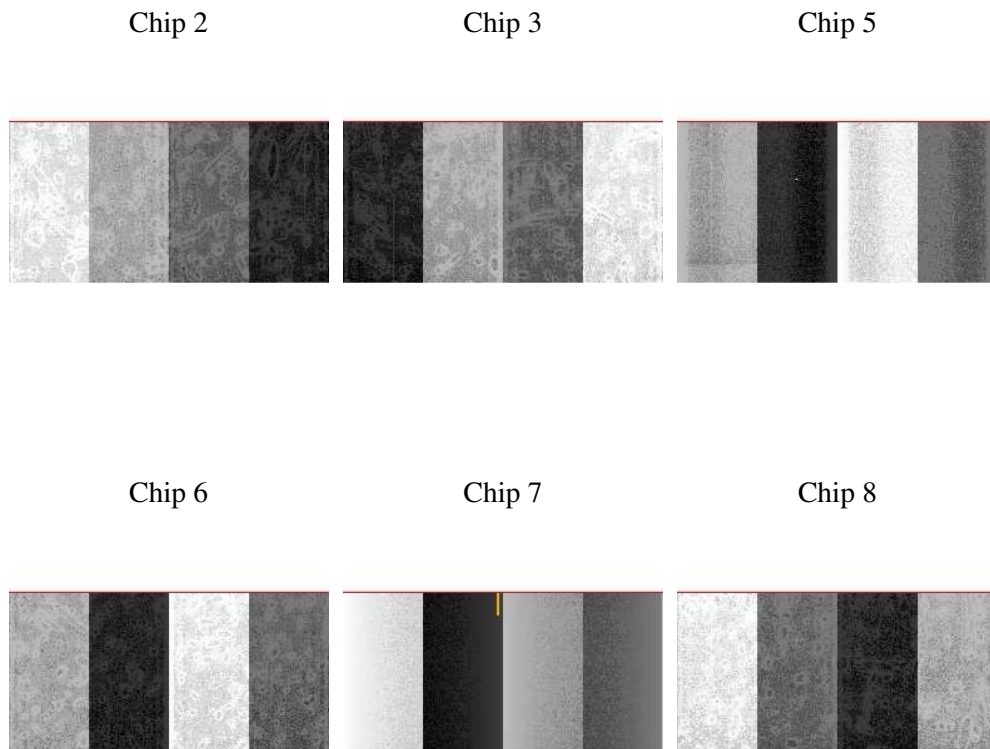
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.8.1
caldsver	3.2.3
date	2006-09-06T14:21:20
revision	2

sched_exp_time	4500.000000
ontime	4906.3211386353
ontime2	4906.3211187124
ontime3	4906.3211187124
ontime5	4906.3211386353
ontime6	4906.3211187124
ontime7	4906.3211386353
ontime8	4906.3211386353
l1events	125337

2.1.4 Events

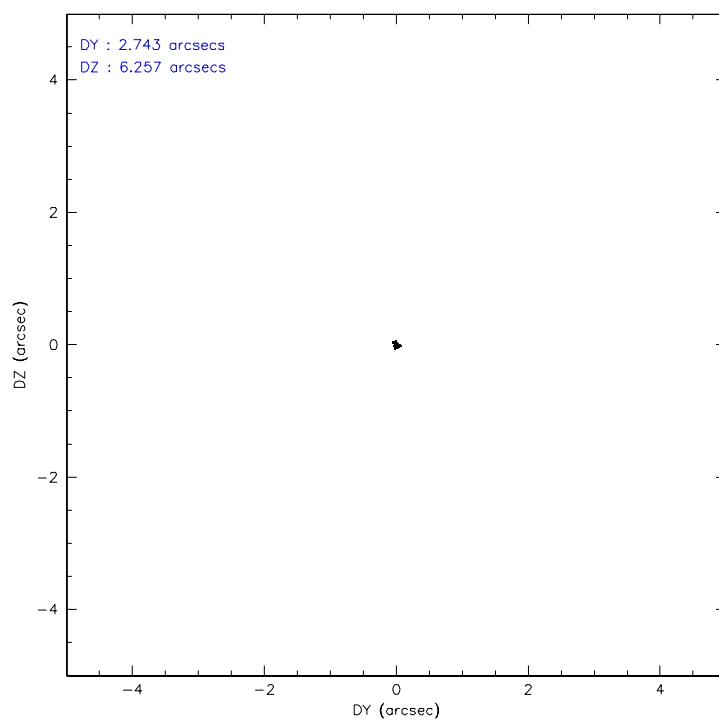
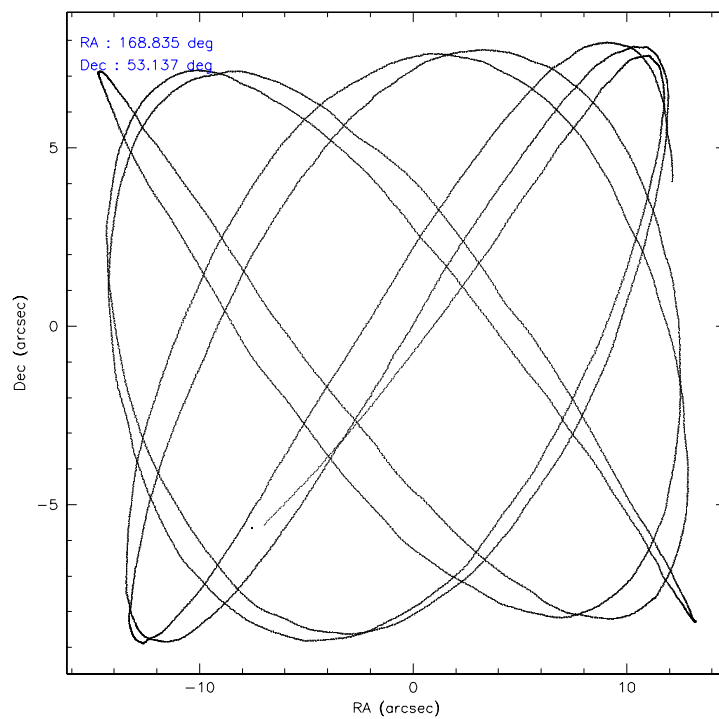
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	17821	17996	27301	17865	21725	22629
rejected events	15651	15818	13230	15790	13059	17836
rejected %	87%	87%	48%	88%	60%	78%

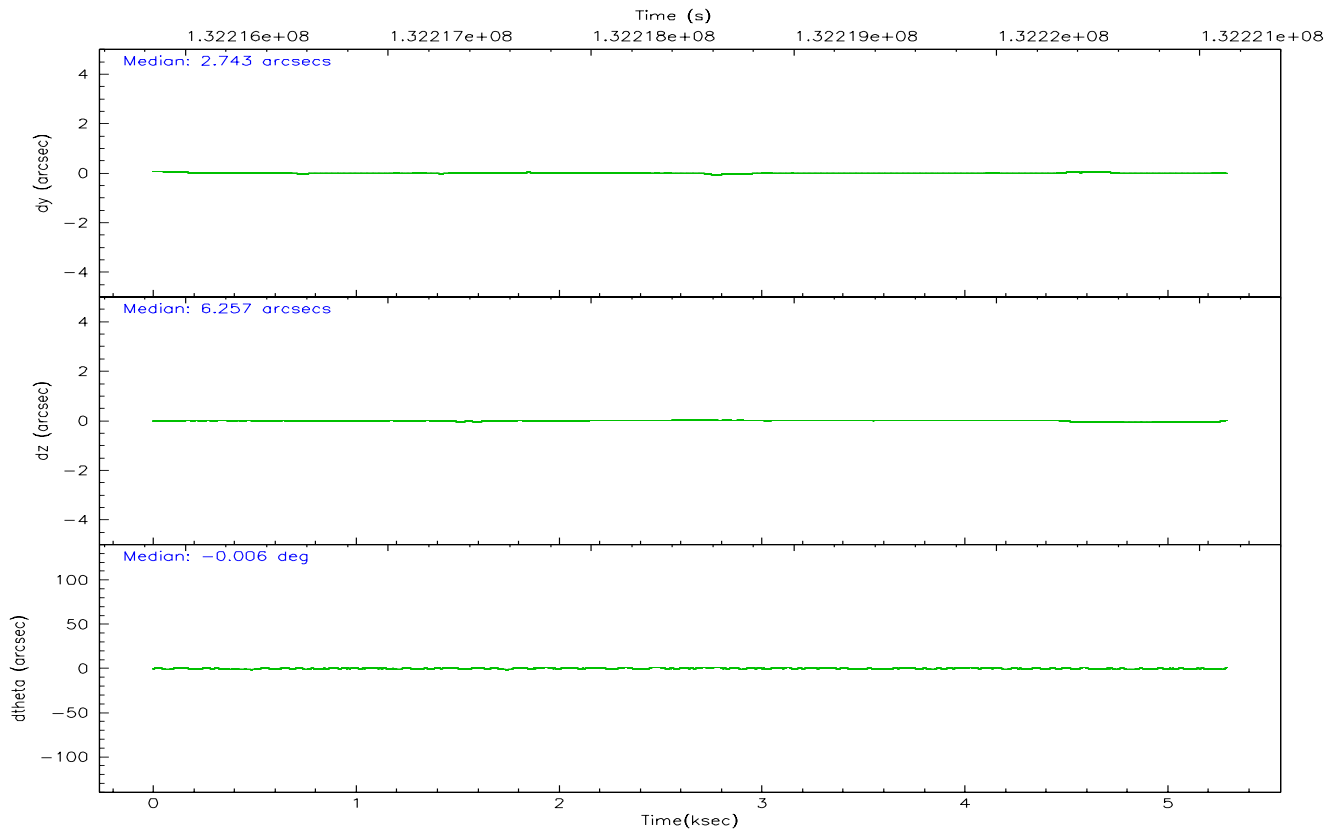
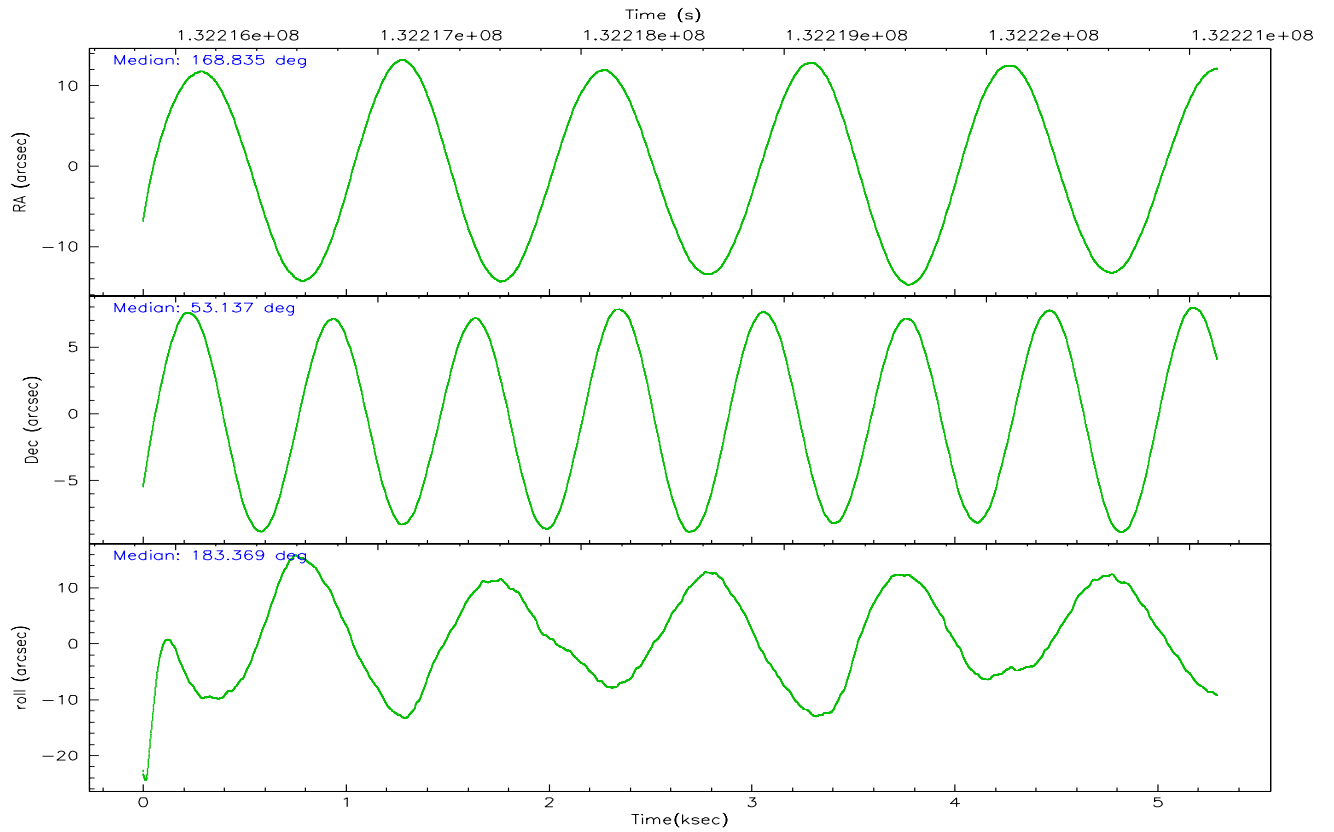
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	942	908	4071	820	562	1492
	5%	5%	14%	4%	2%	6%
grade 1 events	7	7	39	10	5	16
	0%	0%	0%	0%	0%	0%
grade 2 events	415	390	3394	395	2176	1020
	2%	2%	12%	2%	10%	4%
grade 3 events	216	247	292	246	495	527
	1%	1%	1%	1%	2%	2%
grade 4 events	233	253	277	254	522	501
	1%	1%	1%	1%	2%	2%
grade 5 events	622	672	1115	701	1568	858
	3%	3%	4%	3%	7%	3%
grade 6 events	364	382	6046	363	4918	1258
	2%	2%	22%	2%	22%	5%
grade 7 events	15022	15137	12067	15076	11479	16957
	84%	84%	44%	84%	52%	74%

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	1/2	1/2
Pointing RA	168.871987	168.8344605550774	Subarray start row	0	257
Pointing Dec	53.151699	53.13648364539095	Subarray row count	1024	512
Pointing Roll	183.182310	183.3688895074297	Alternating exposures requested	N	N
SIM focus pos (mm)	-0.684267	-0.6828225247311905	Primary exposure time	0.000000	1.8
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	132216634.184000	132215369.24068			
Observation start date	2002-03-11T06:49:30	2002-03-11T06:29:29			
Observation end time	132221134.184000	132221935.90344			
Observation end date	2002-03-11T08:04:30	2002-03-11T08:18:55			
Read mode	TIMED	TIMED			

2.3 Aspect



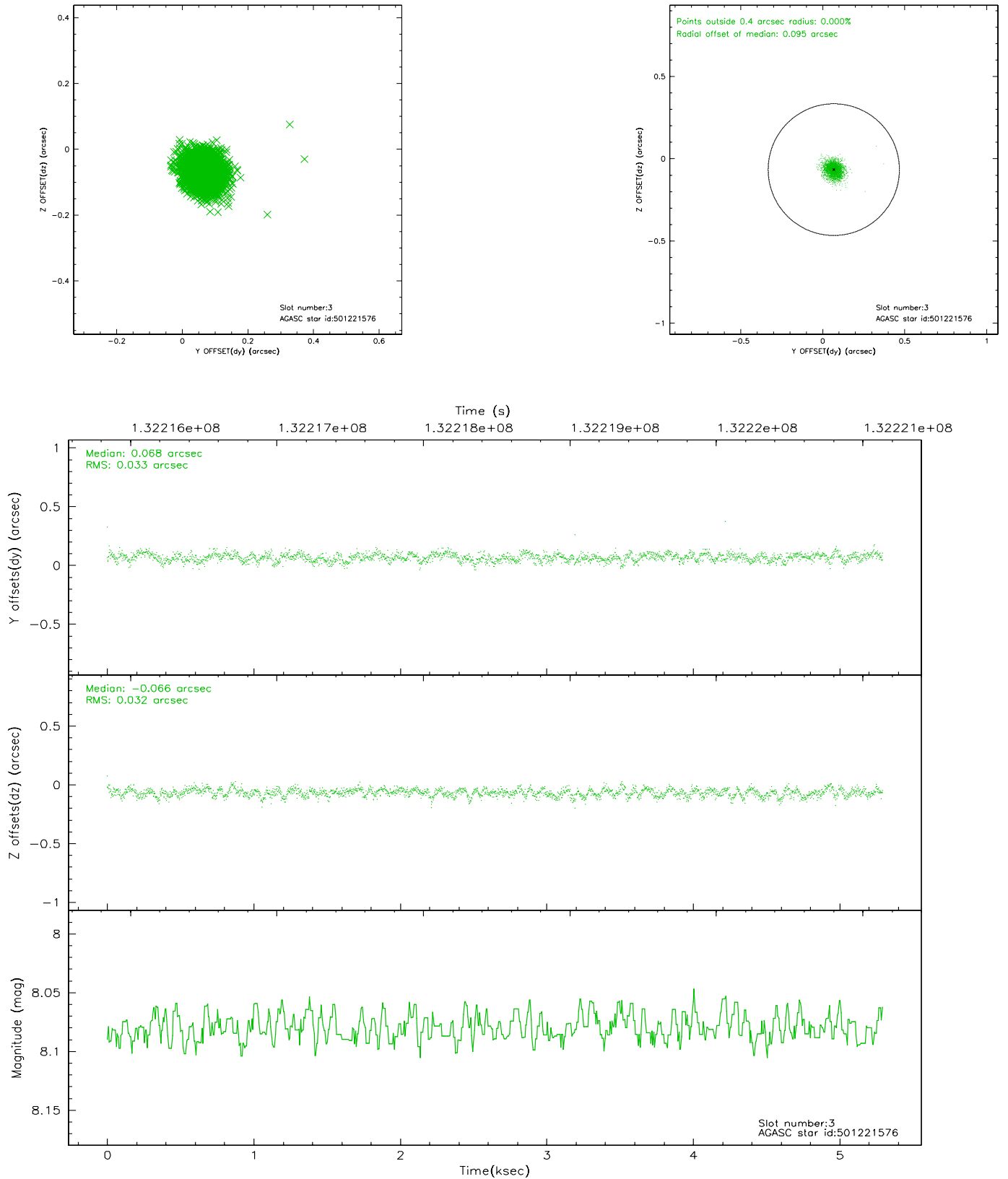


Slot Statistics

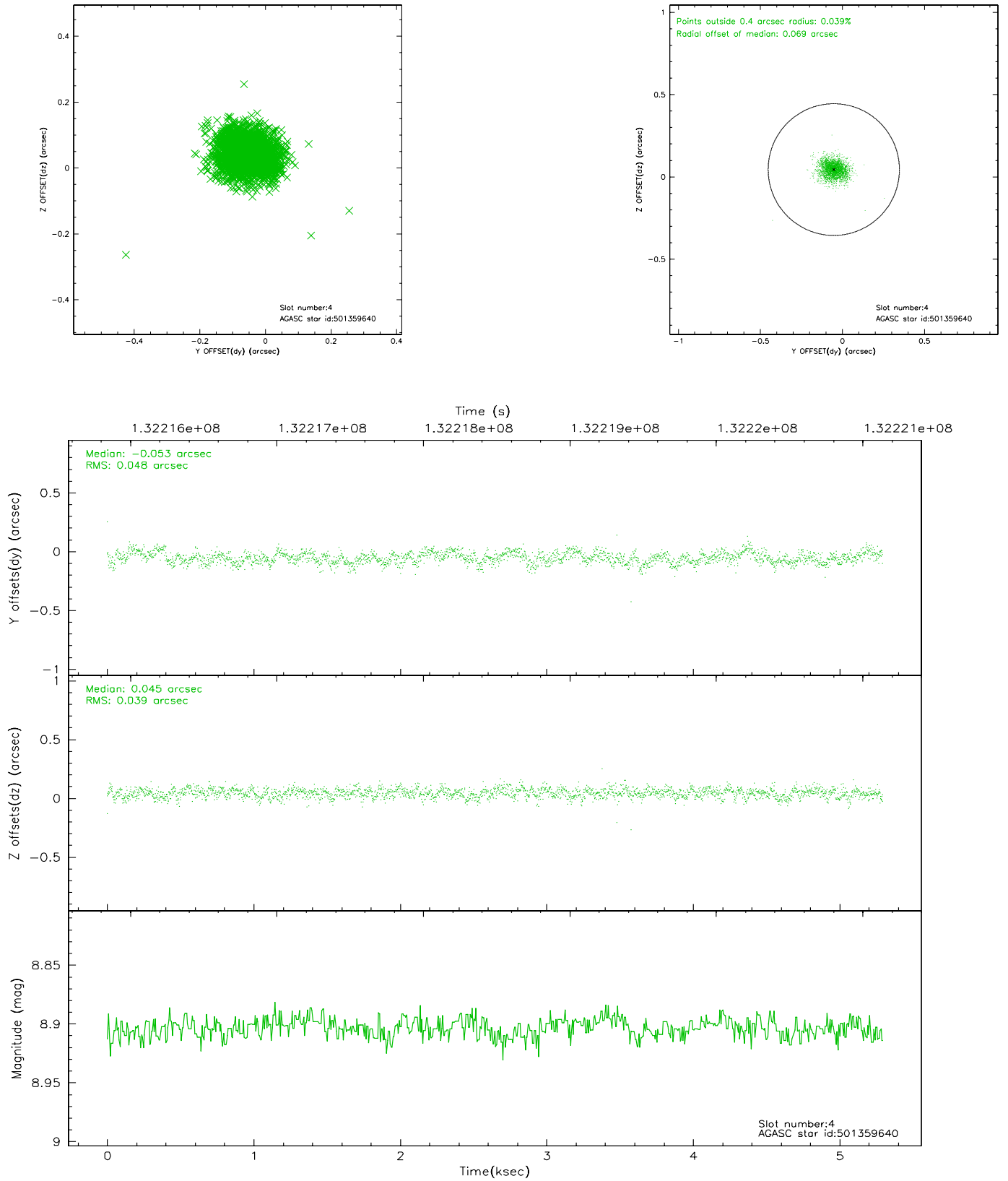
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.19	1292	-0.009	-0.017	0.005	0.010	0.000000	0.000000	940.65	-1722.99
1	FID	ACIS-S-5	7.25	1291	0.030	0.008	0.006	0.009	0.000000	0.000000	-1807.67	173.41
2	FID	ACIS-S-6	7.36	1290	-0.042	0.020	0.006	0.010	0.000000	0.000000	404.93	818.68
3	GUIDE	501221576	8.08	2583	0.068	-0.066	0.048	0.078	168.270365	53.371526	1246.72	-867.15
4	GUIDE	501359640	8.90	2584	-0.053	0.045	0.063	0.105	169.787525	53.309283	-1997.29	-469.71
5	GUIDE	501219480	8.88	2582	-0.055	0.003	0.073	0.118	167.857770	52.792383	2275.29	1153.52
6	GUIDE	501357376	9.32	2581	-0.041	-0.059	0.103	0.160	169.850008	53.661633	-2184.26	-1730.79
7	GUIDE	501220544	9.45	2581	0.085	0.084	0.087	0.136	167.973168	52.522481	2090.85	2139.82

2.4 Star Slots

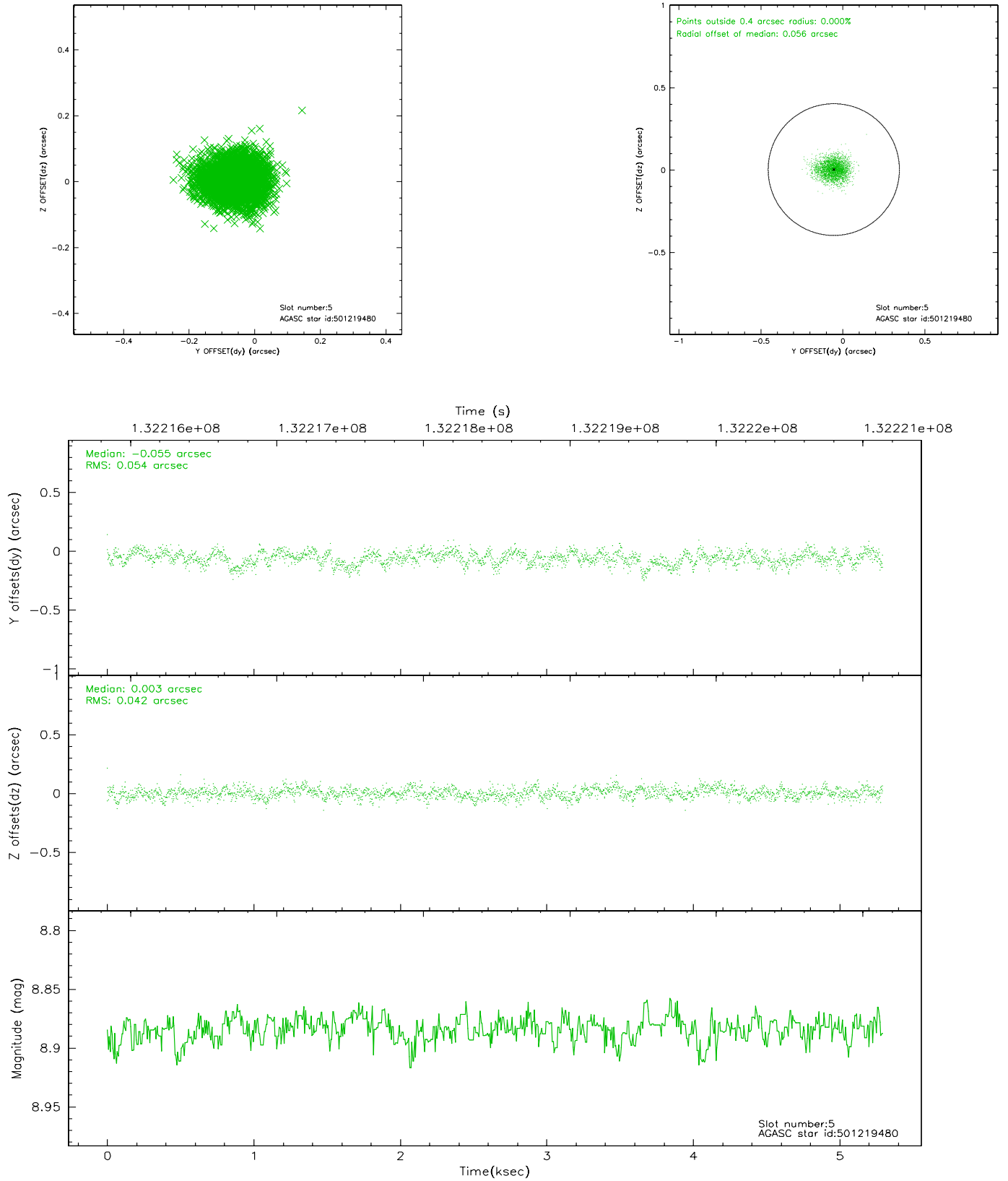
2.4.1 Slot 3



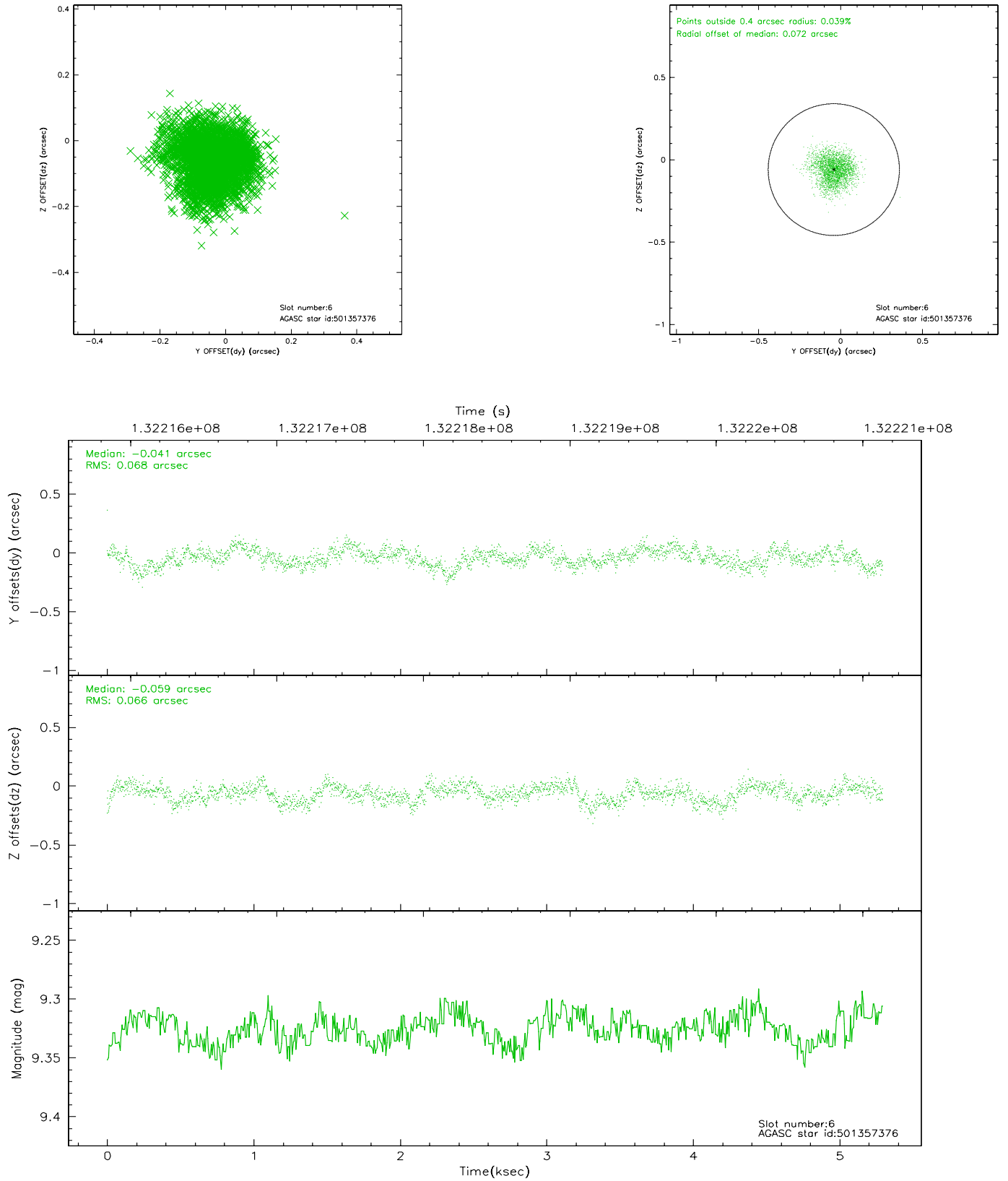
2.4.2 Slot 4



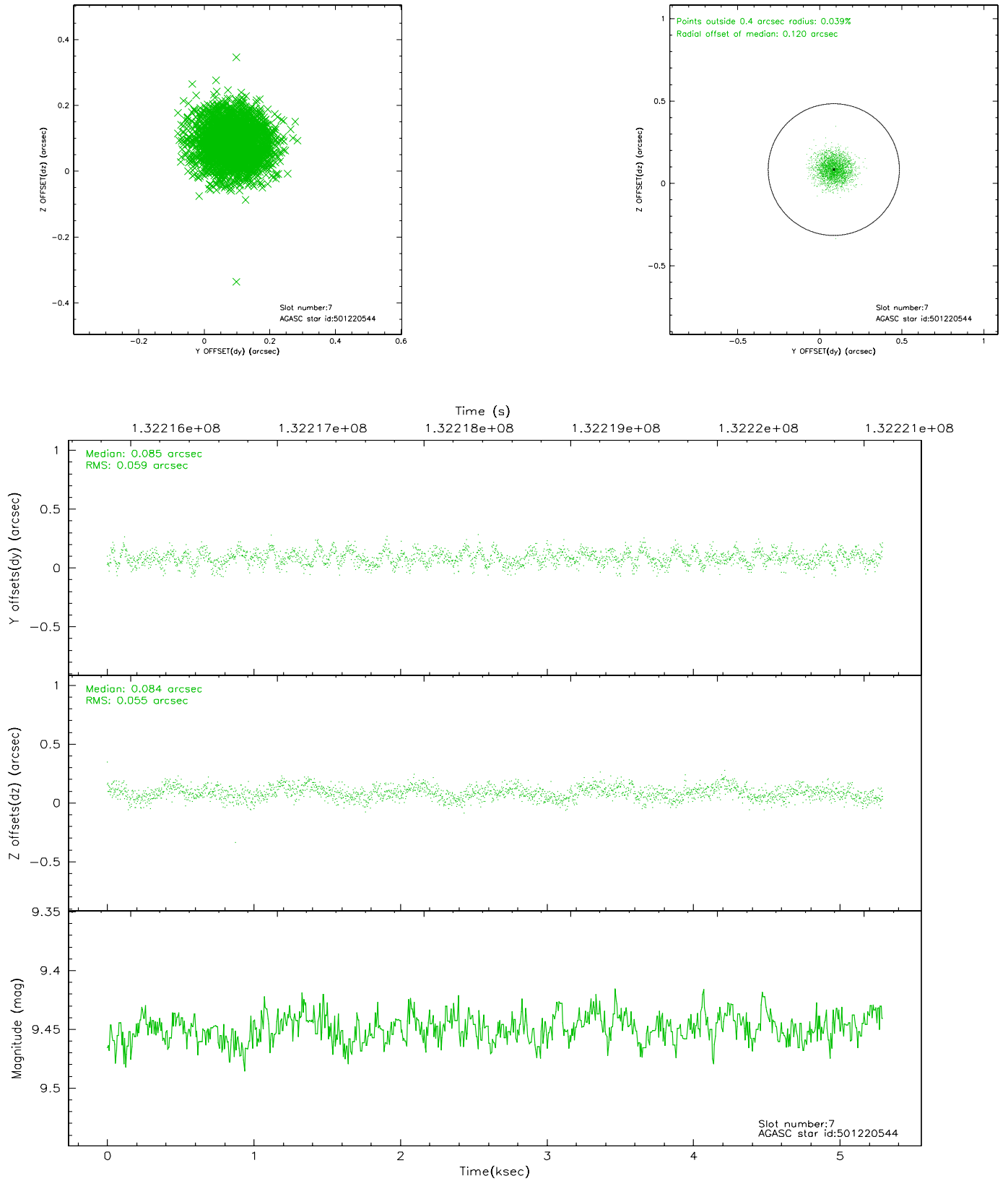
2.4.3 Slot 5



2.4.4 Slot 6

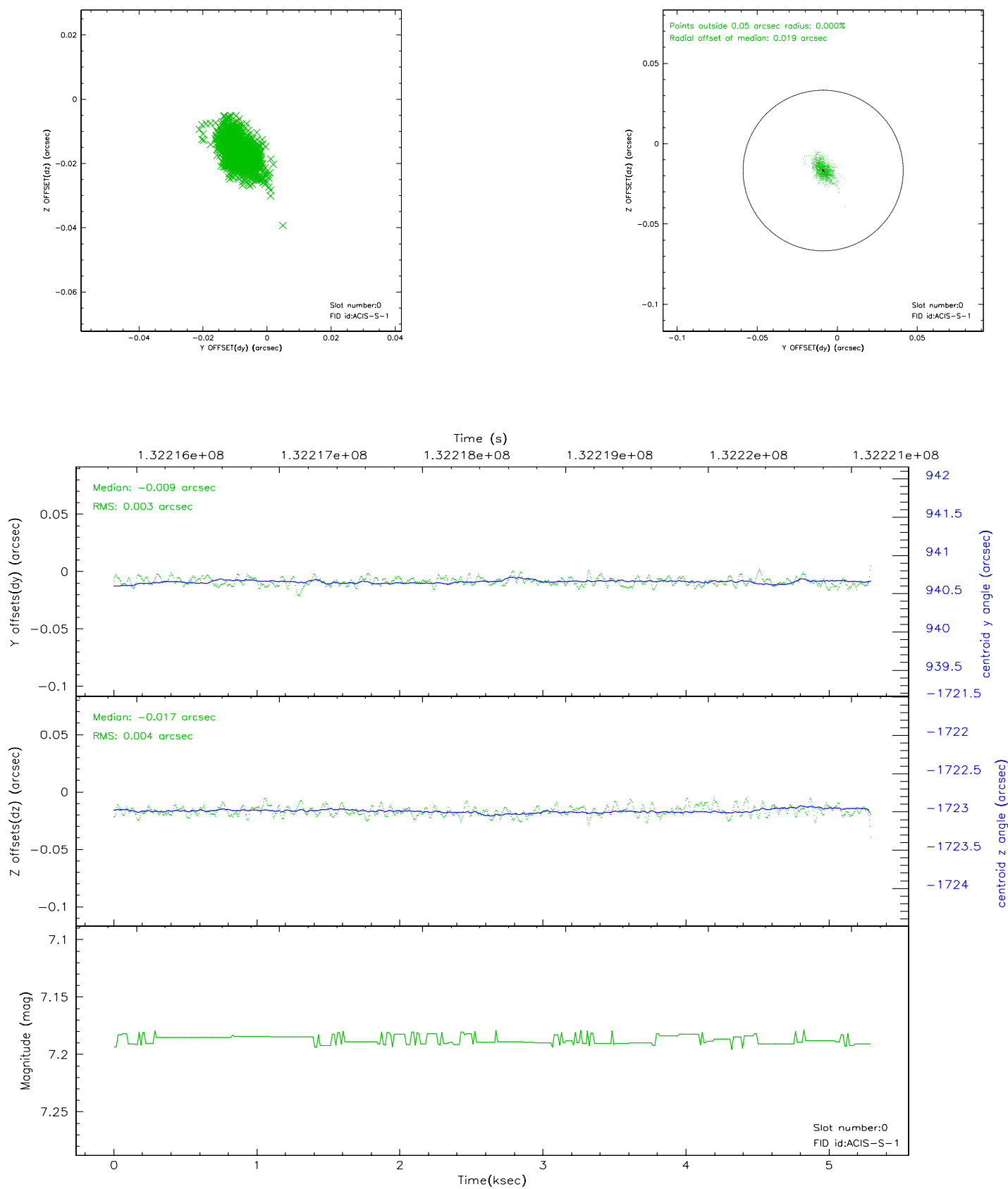


2.4.5 Slot 7

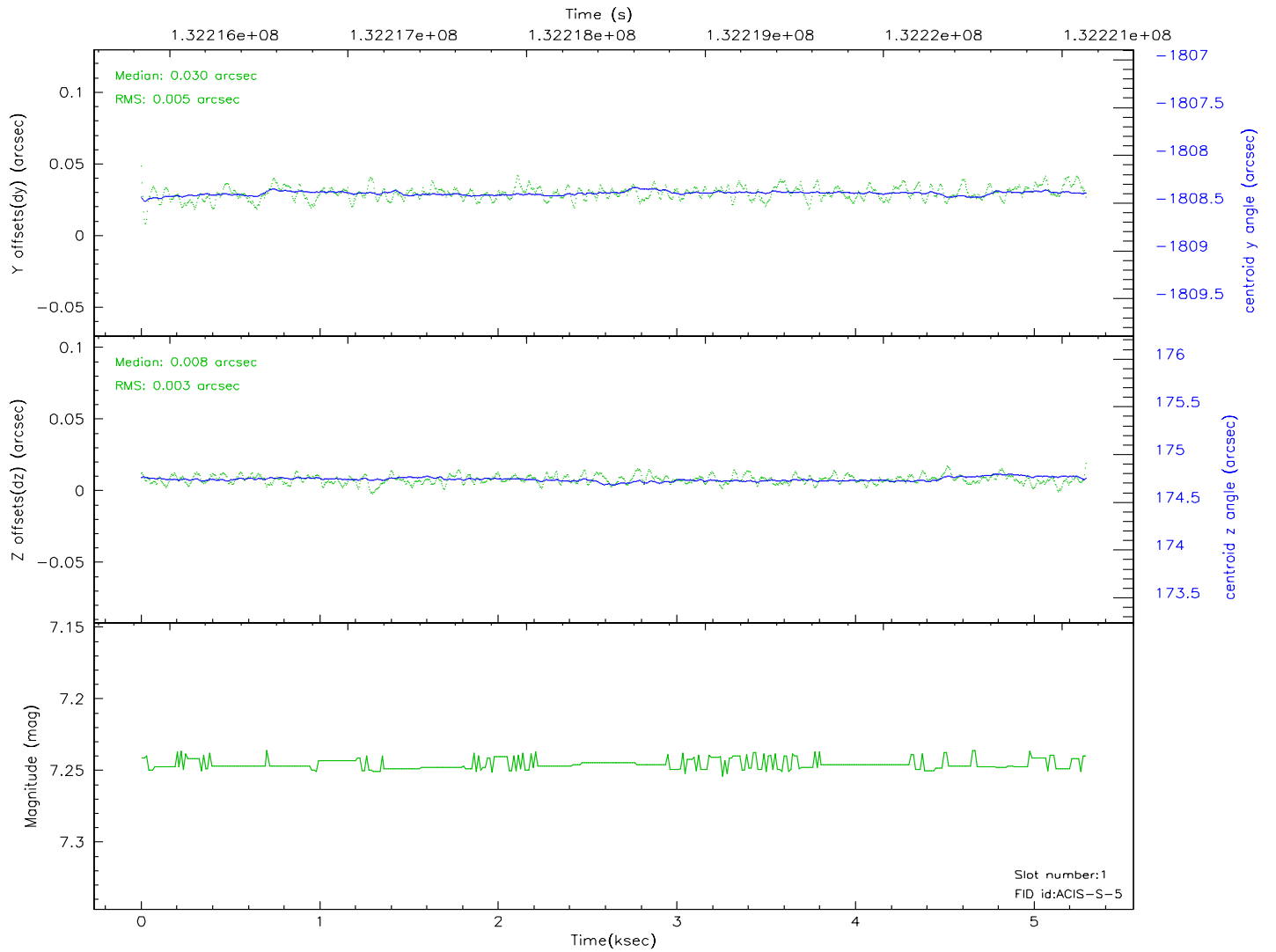
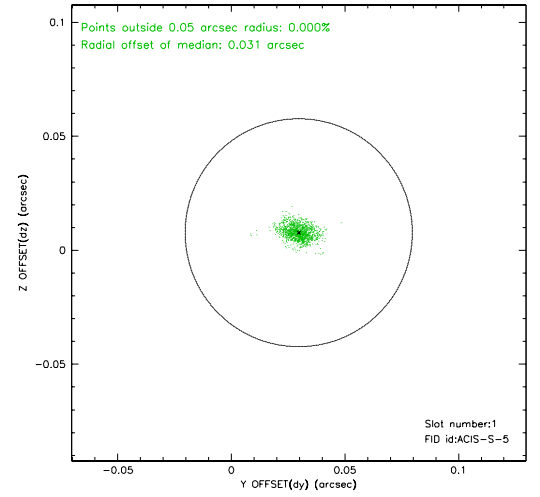
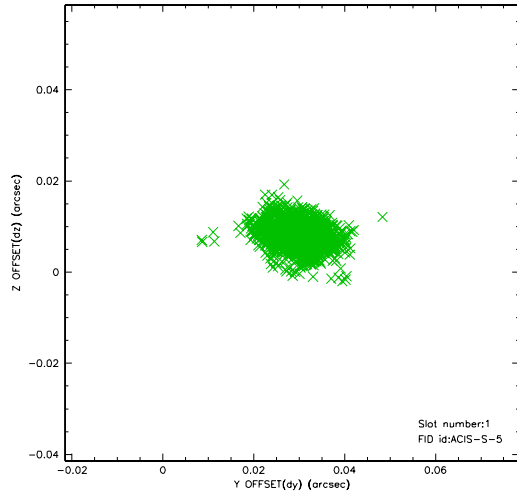


2.5 FID Slots

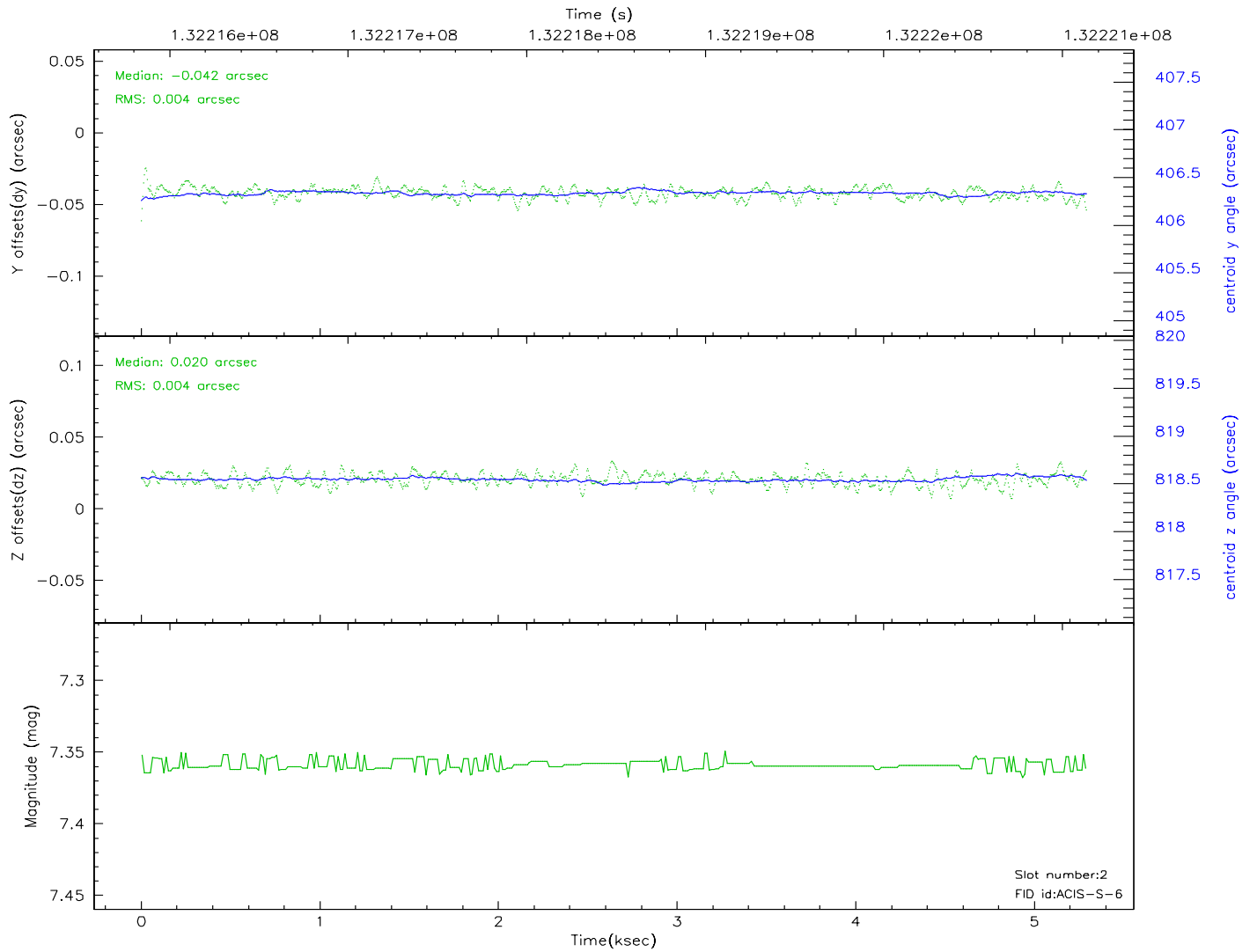
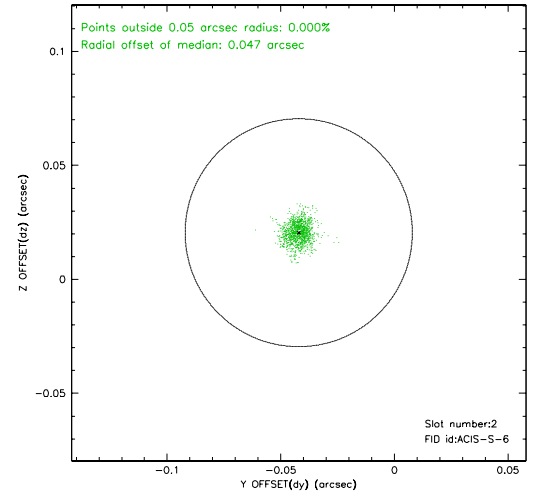
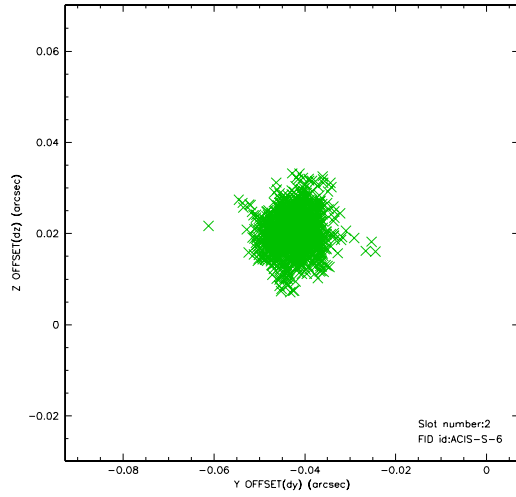
2.5.1 Slot 0



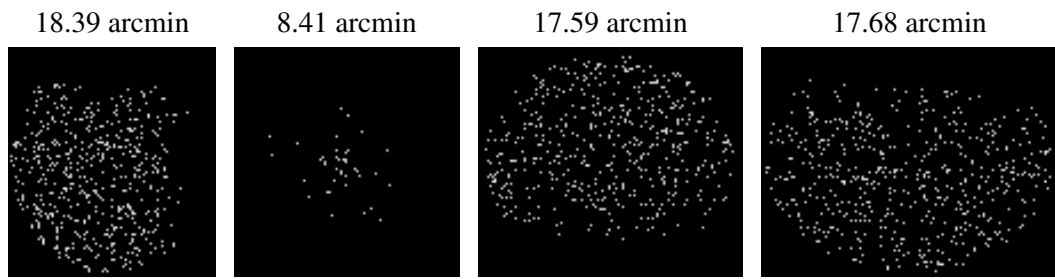
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.09.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.904

A.2 Comments