

V&V Reference Report

L2 ASCDS Version : 7.6.7

Observation 4818 - L2 Version 003
Chandra X-Ray Center

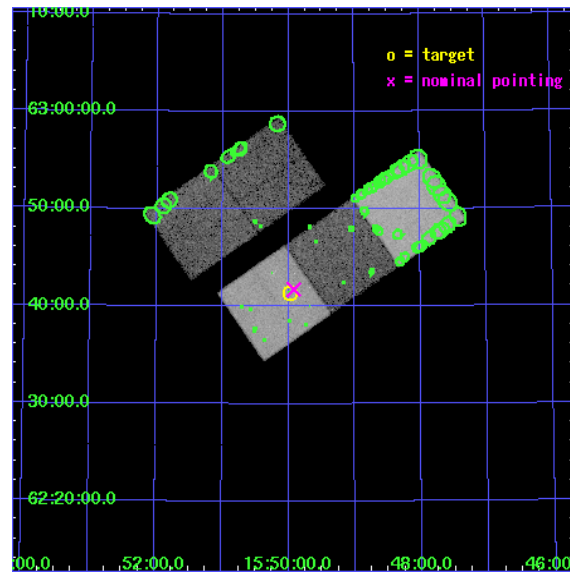
L2 Processing Date: Feb 28 2006

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1 Front

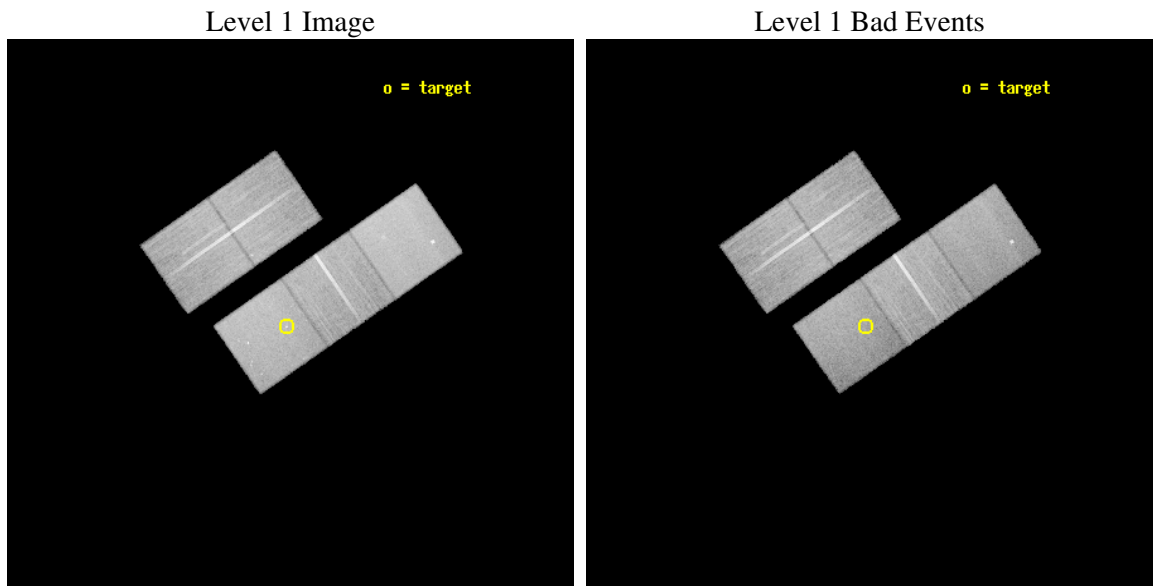
seq_num	700901
obs_id	4818
title	ANISOTROPIC INVERSE COMPTON SCATTERING IN THE POWERFUL RADIO GALAXY 3C 325
observer	Dr. Gianfranco Brunetti
object	3C 325
dtcycle	0
cycle	P
ra_targ	237.494167
dec_targ	62.689167
ra_nom	237.47925998351
dec_nom	62.695962076601
roll_nom	145.22987393962
revision	3
ontime	29040.799944162
livetime	28661.360513366
ontime2	29034.518003672
ontime3	29031.377033383
ontime5	29040.799944162
ontime6	29040.799944162
ontime7	29040.799944162
l2events	240306



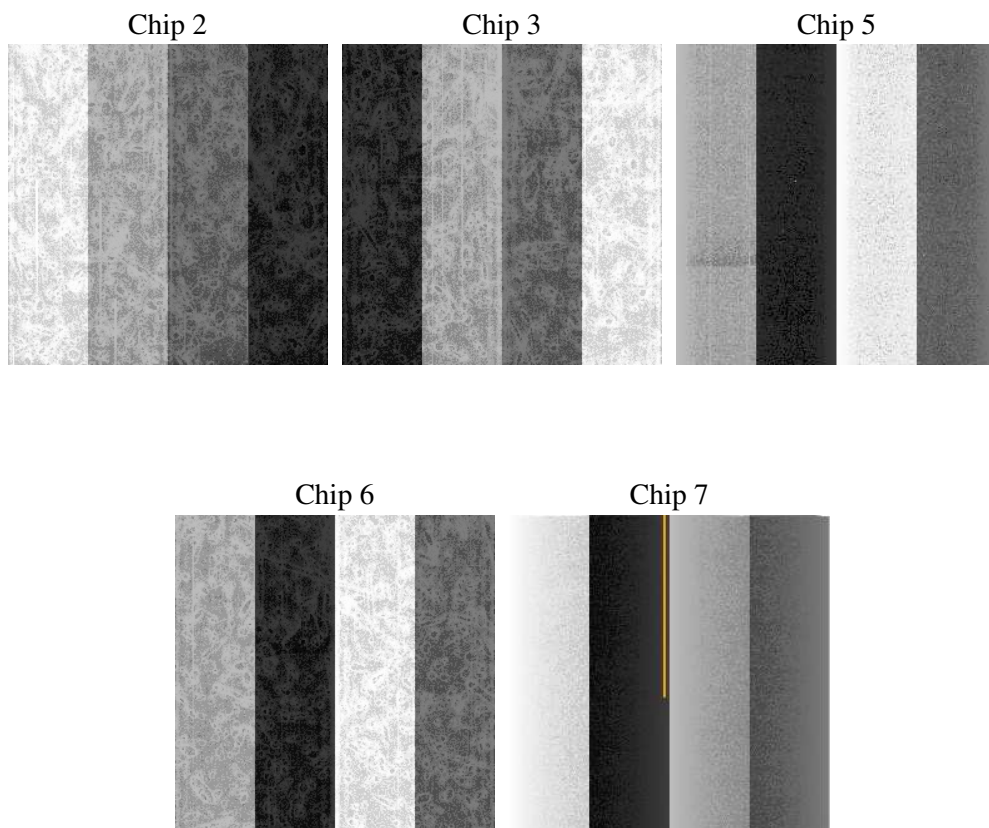
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.7
caldbver	3.2.1
date	2006-02-28T23:46:01
revision	3

sched_exp_time	29000.000000
ontime	29044.87160036
ontime2	29038.589629978
ontime3	29035.448659688
ontime5	29044.871570468
ontime6	29044.871570468
ontime7	29044.87160036
l1events	1026370

2.1.4 Events

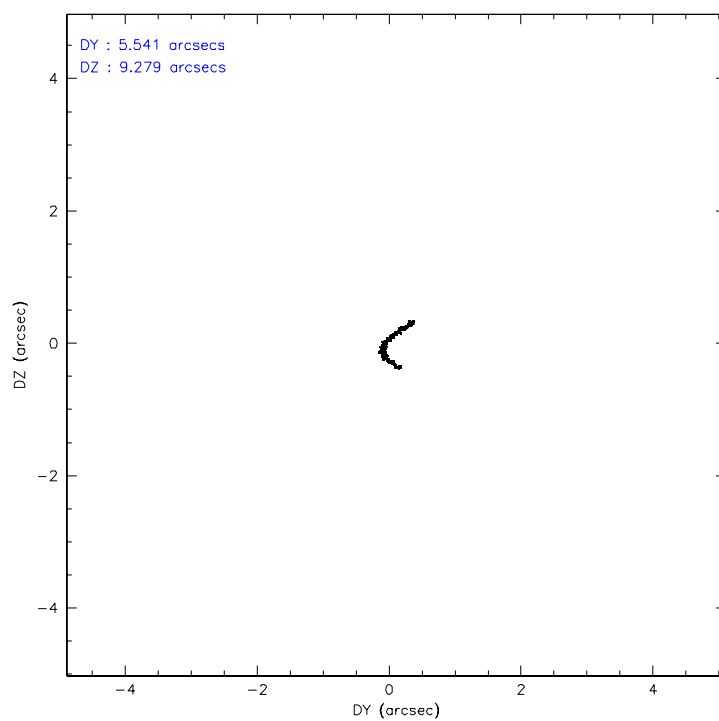
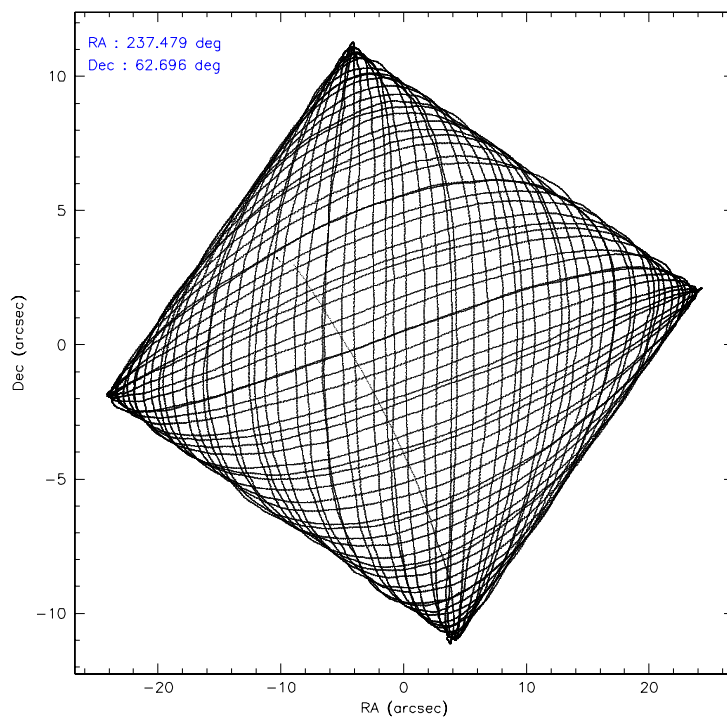
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7
level 1 events	190342	187414	249372	189818	209424
rejected events	172587	169290	137461	170874	124304
rejected %	90%	90%	55%	90%	59%

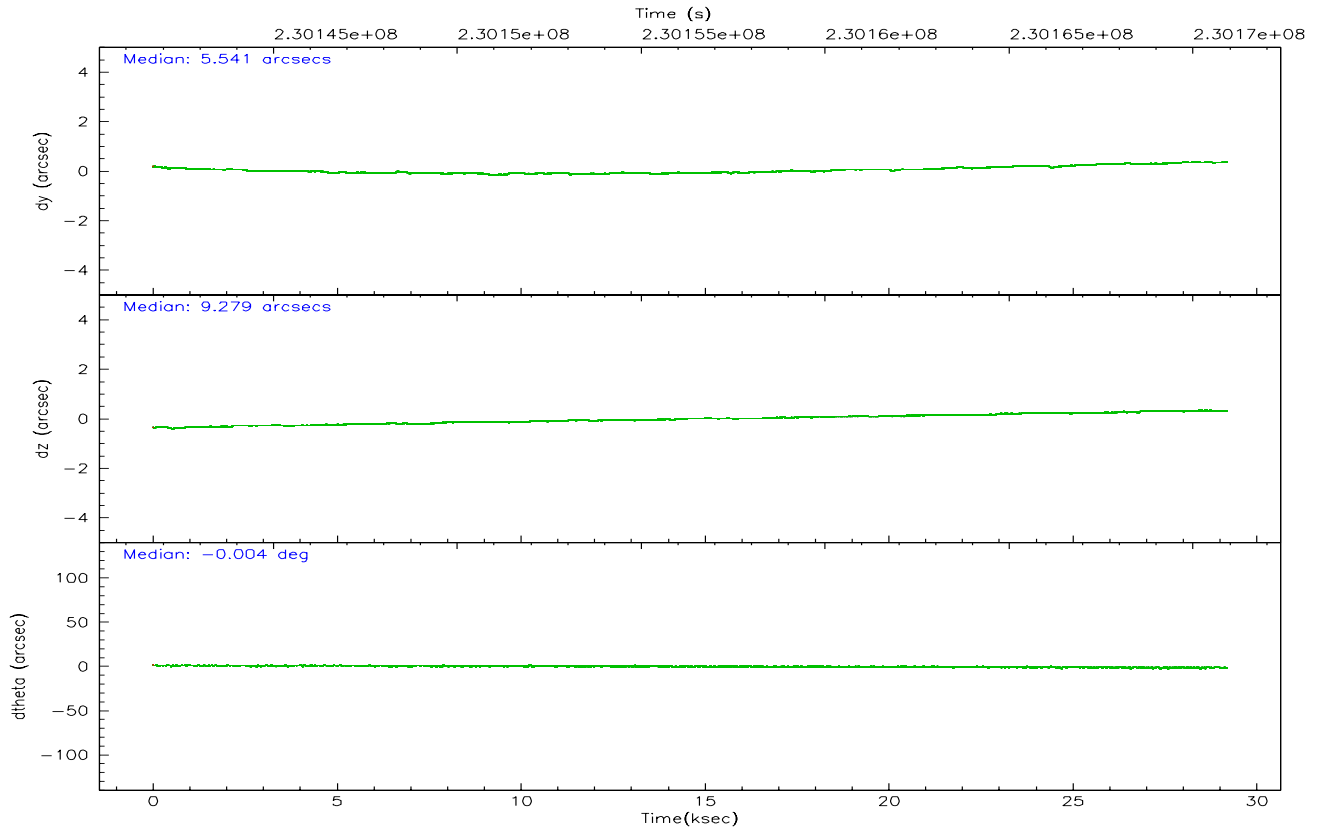
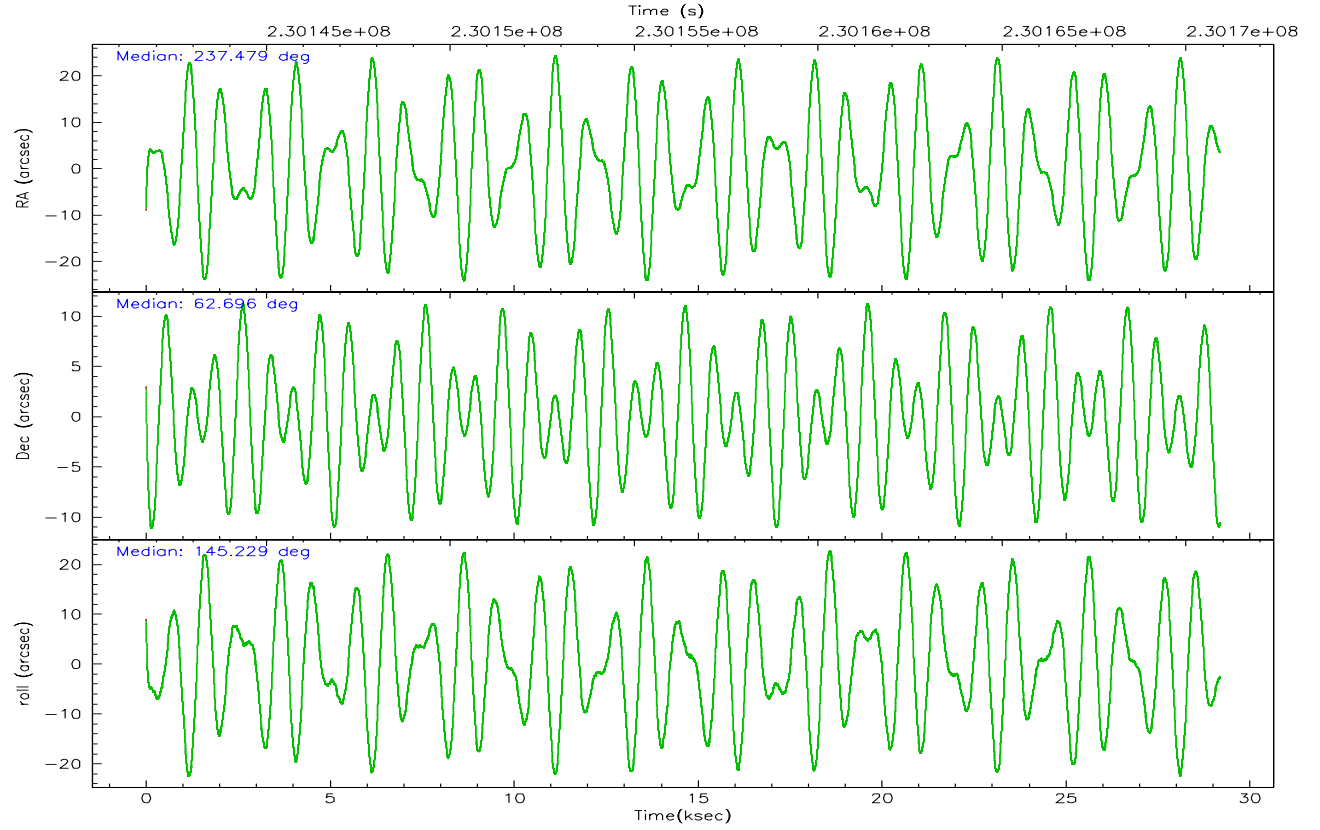
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7
grade 0 events	6175	6578	3482	6318	4895
	3%	3%	1%	3%	2%
grade 1 events	80	81	66	59	94
	0%	0%	0%	0%	0%
grade 2 events	4276	3737	34509	4272	19788
	2%	1%	13%	2%	9%
grade 3 events	2078	2099	1974	2162	4394
	1%	1%	0%	1%	2%
grade 4 events	2008	2084	1853	2121	4308
	1%	1%	0%	1%	2%
grade 5 events	6346	7554	13980	7833	16134
	3%	4%	5%	4%	7%
grade 6 events	3221	3628	70126	4074	51746
	1%	1%	28%	2%	24%
grade 7 events	166158	161653	123382	162979	108065
	87%	86%	49%	85%	51%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-23567	ACIS-23567	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	237.538451	237.4792599835107	Alternating exposures requested	N	N
Pointing Dec	62.694092	62.69596207660146	Primary exposure time	0.000000	3.1
Pointing Roll	145.020651	145.2298739396158			
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	230141921.184000	230140986.02921			
Observation start date	2005-04-17T16:17:37	2005-04-17T16:03:06			
Observation end time	230170921.184000	230171536.1556			
Observation end date	2005-04-18T00:20:57	2005-04-18T00:32:16			
Read mode	TIMED	TIMED			

2.3 Aspect



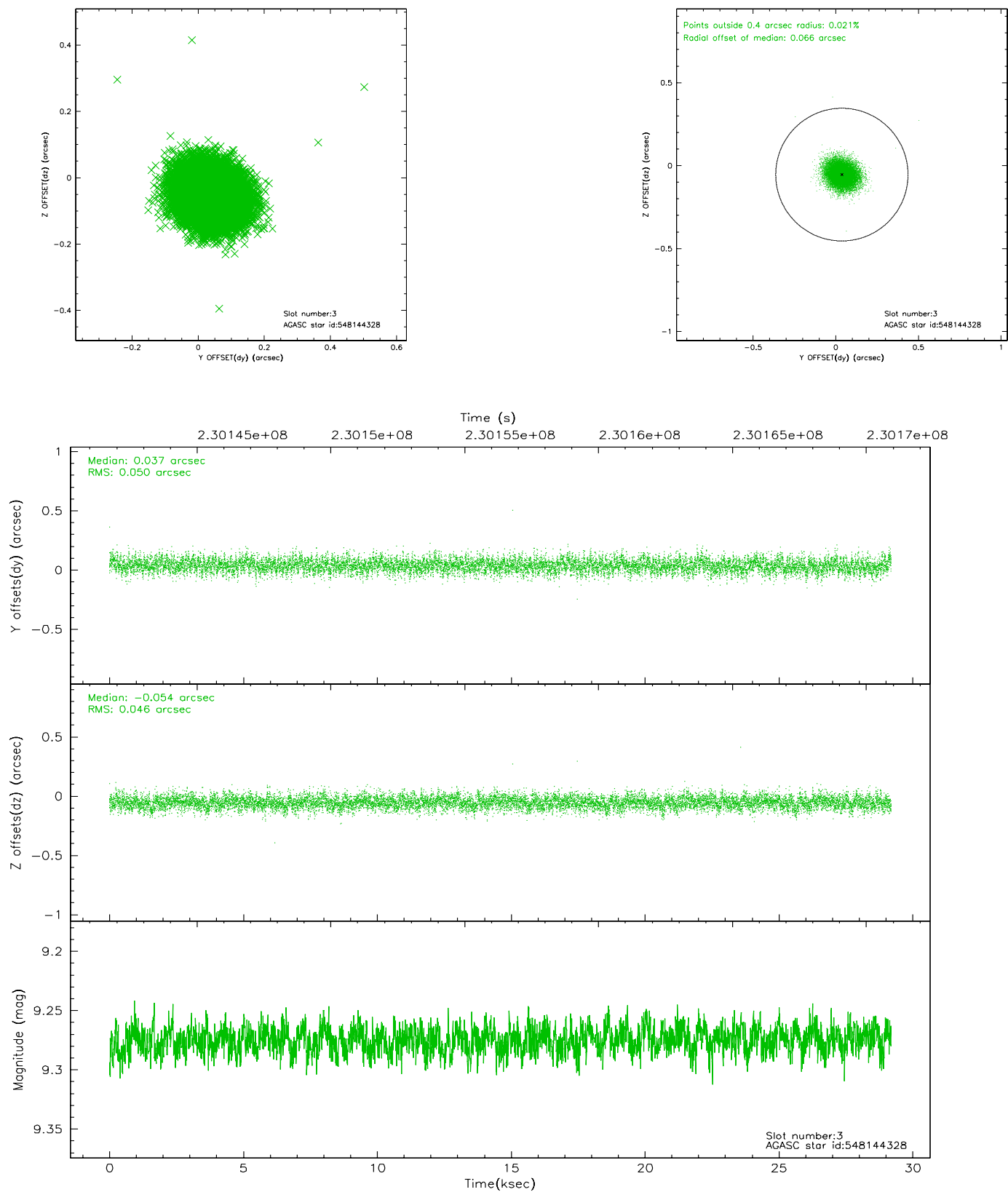


Slot Statistics

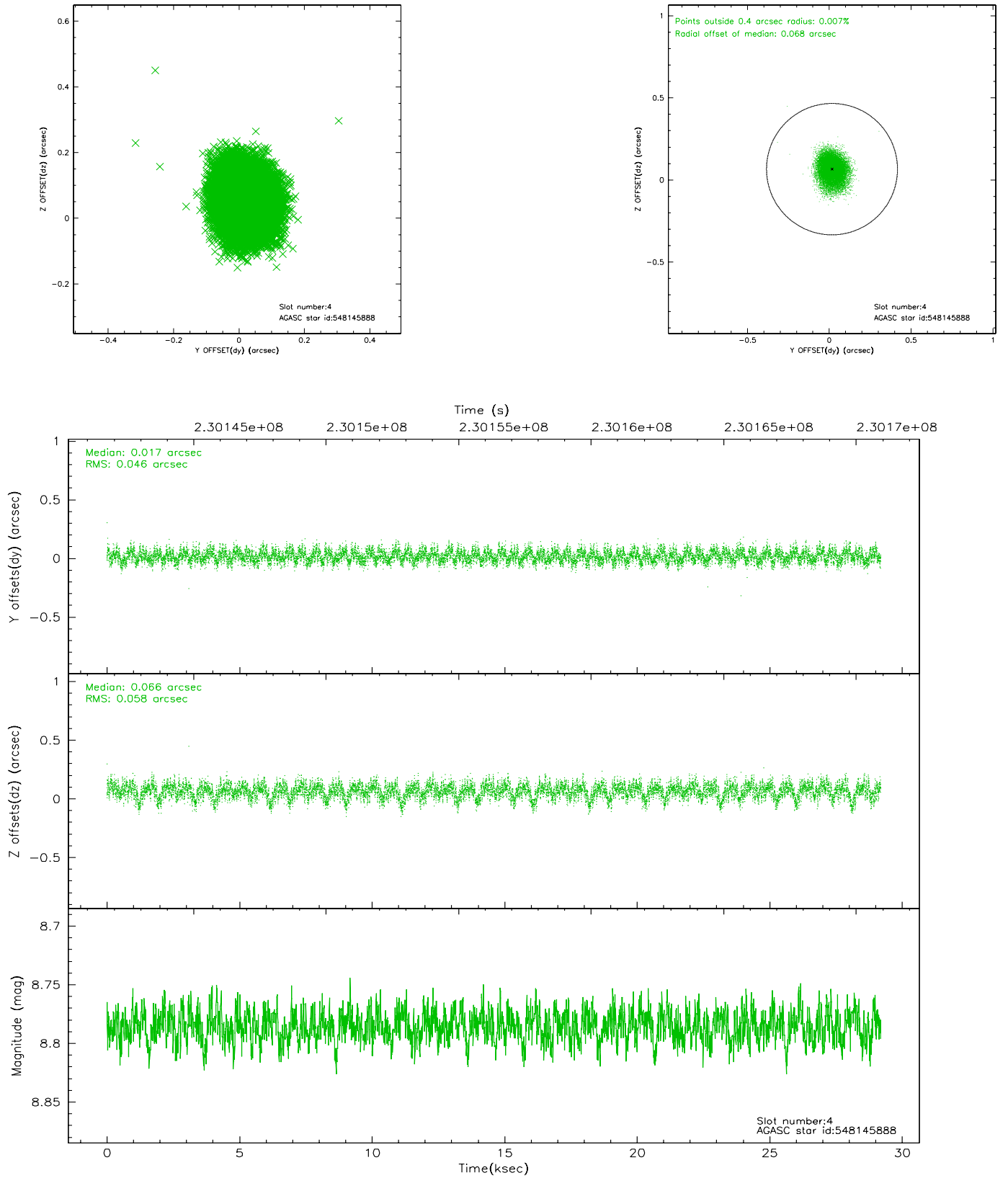
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	7121	-0.058	-0.032	0.008	0.014	0.000000	0.000000	-758.35	-1730.53
1	FID	ACIS-S-4	7.21	7122	0.089	0.037	0.005	0.010	0.000000	0.000000	2155.03	177.95
2	FID	ACIS-S-5	7.23	7122	-0.062	0.004	0.008	0.014	0.000000	0.000000	-1811.10	171.66
3	GUIDE	548144328	9.27	14240	0.037	-0.054	0.072	0.118	238.146367	62.317666	-1607.04	523.54
4	GUIDE	548145888	8.78	14241	0.017	0.066	0.079	0.128	237.124487	62.344352	-153.57	1426.43
5	GUIDE	548541328	9.16	14237	-0.117	0.003	0.079	0.127	237.408583	62.671659	129.66	189.19
6	GUIDE	548550376	9.00	14235	0.048	-0.018	0.070	0.113	236.215563	62.860309	2137.34	737.04
7	GUIDE	548550496	8.42	14236	0.014	0.006	0.061	0.099	237.278131	63.142551	1273.22	-1080.68

2.4 Star Slots

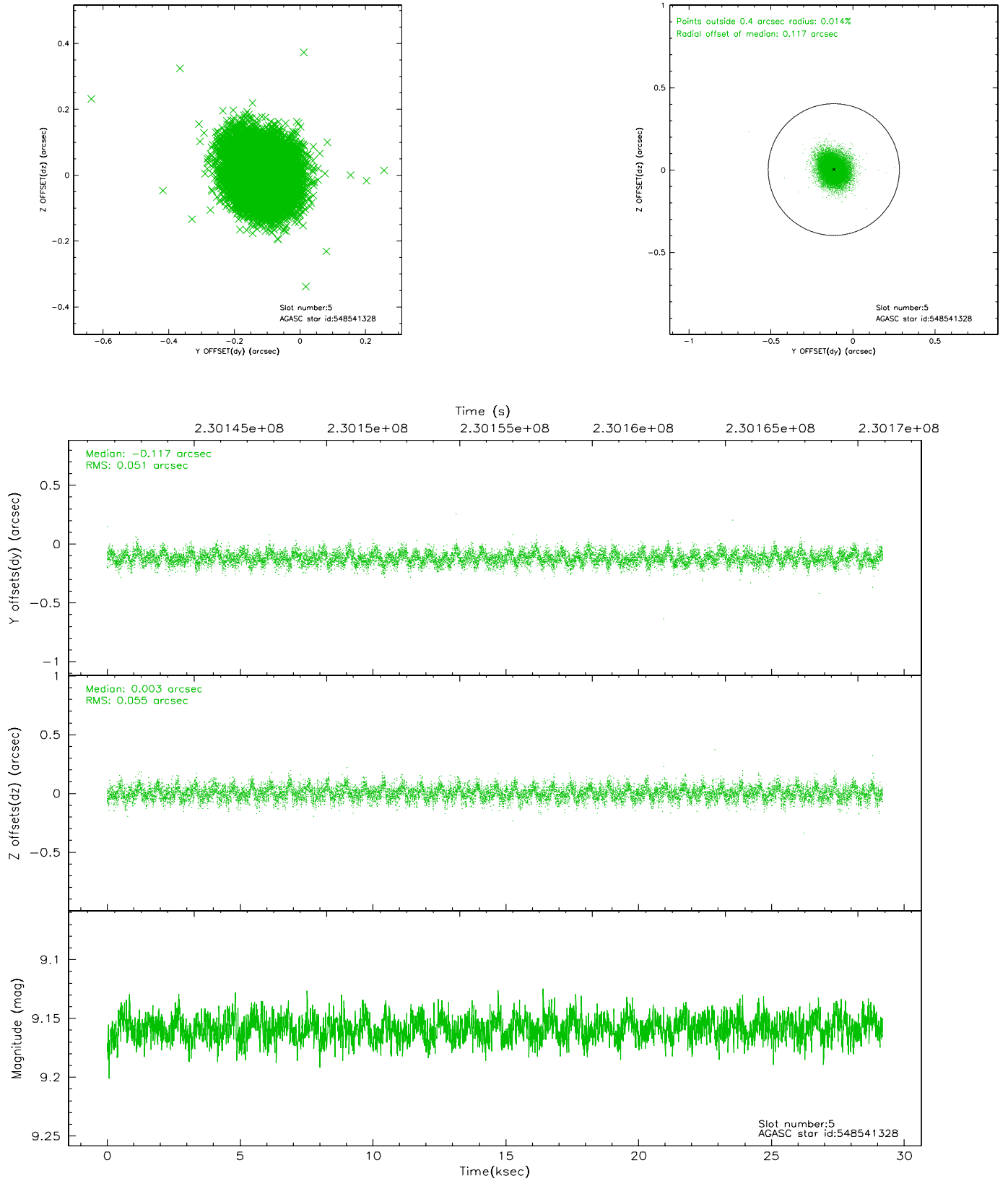
2.4.1 Slot 3



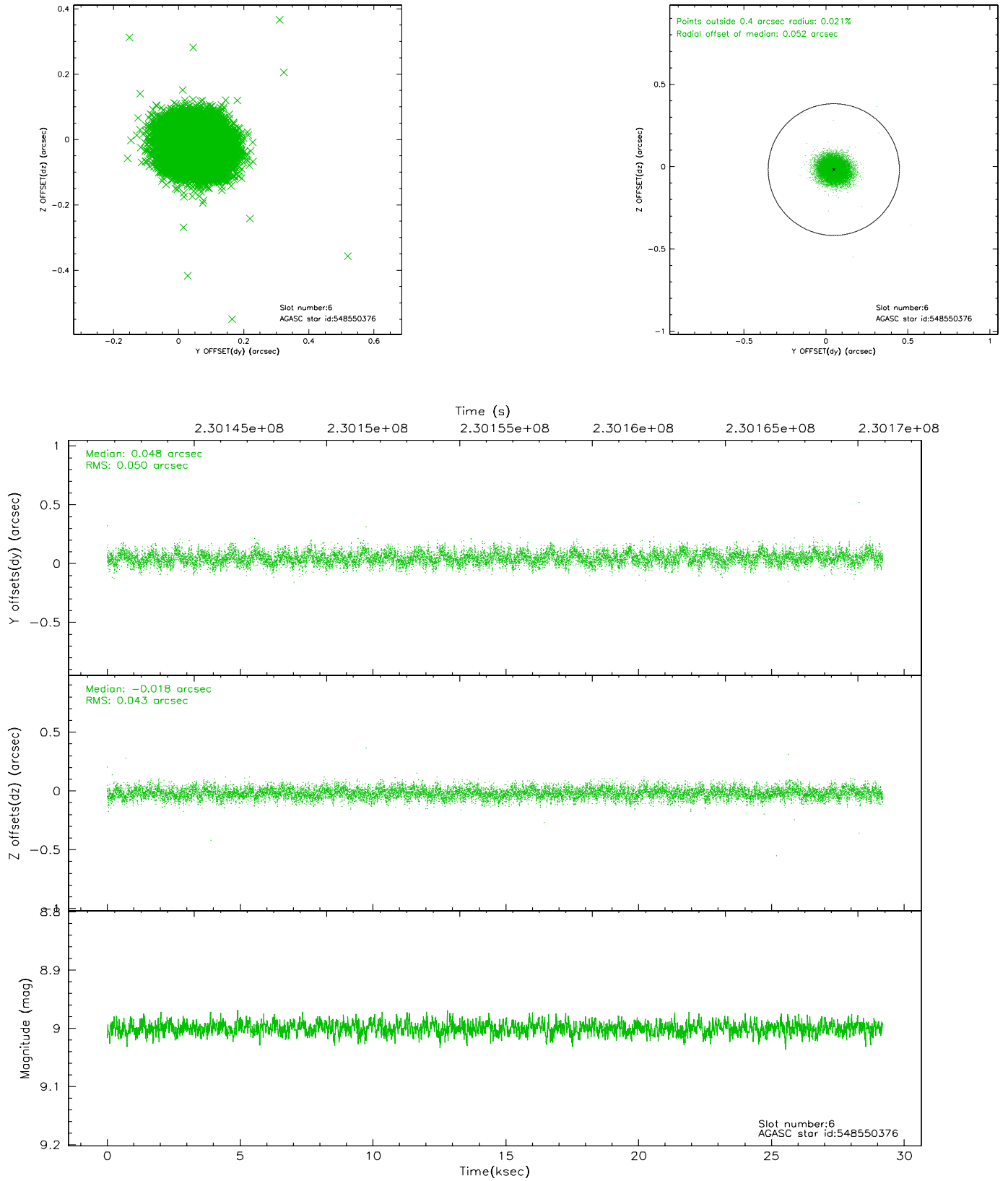
2.4.2 Slot 4



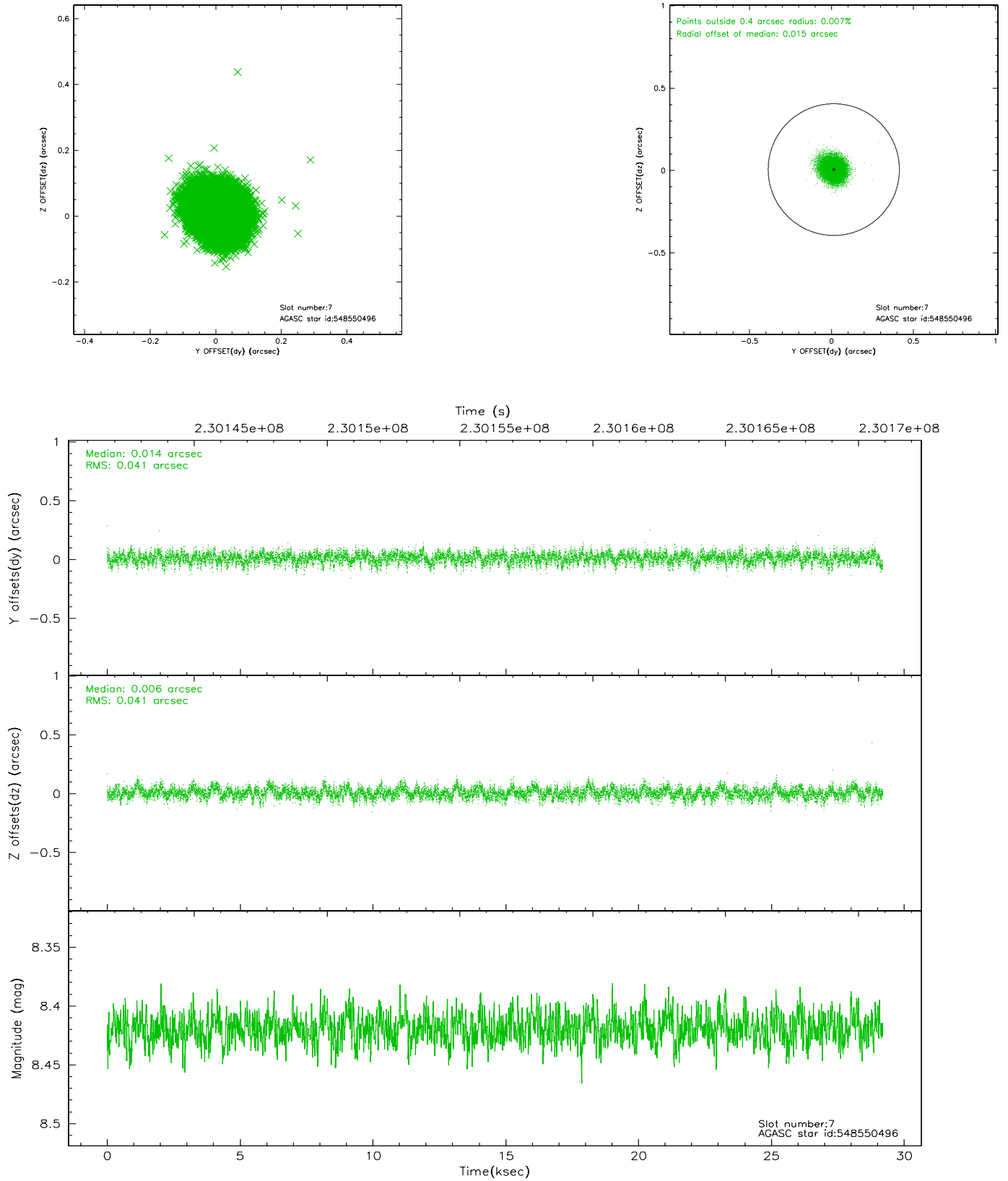
2.4.3 Slot 5



2.4.4 Slot 6

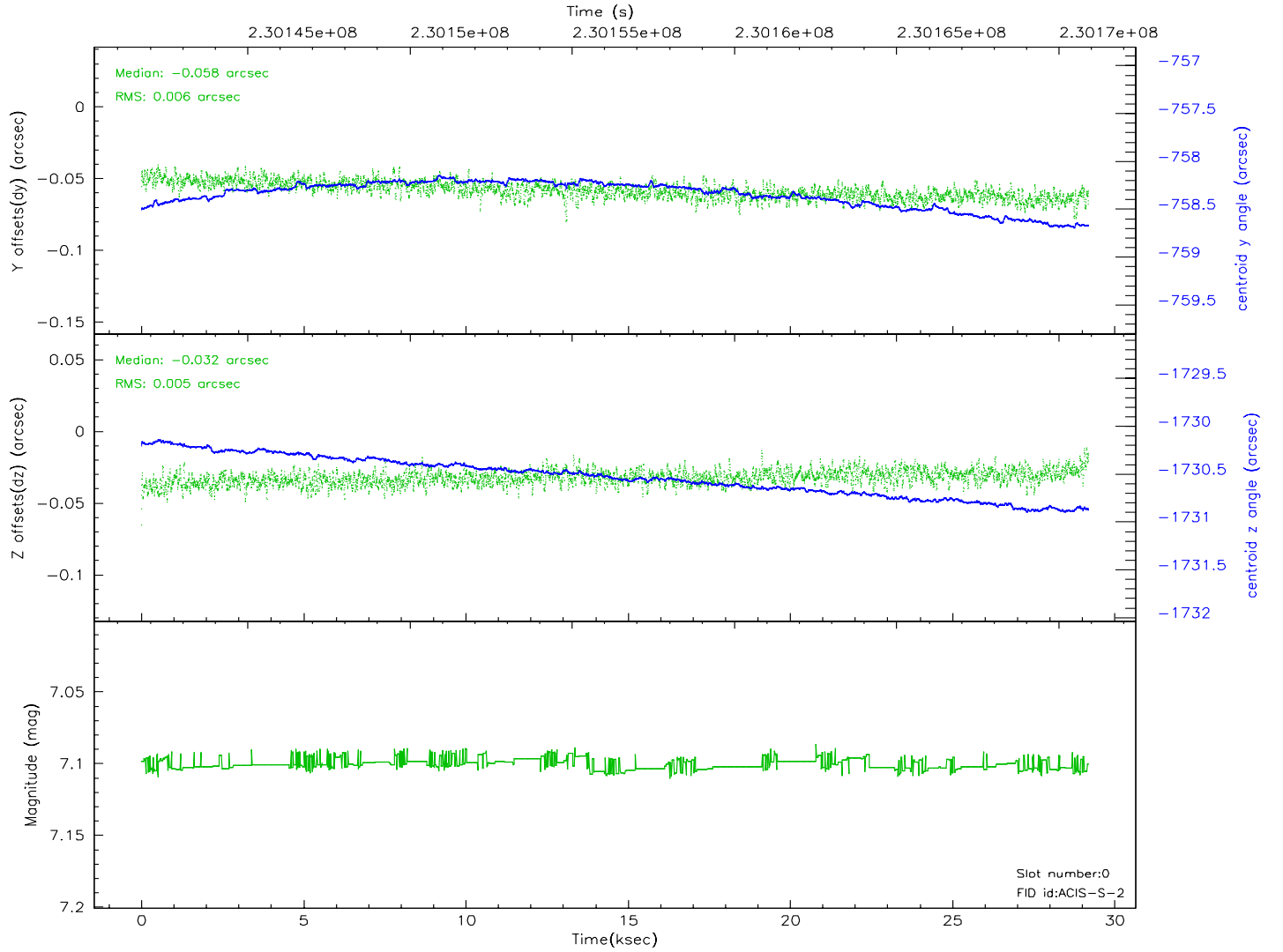
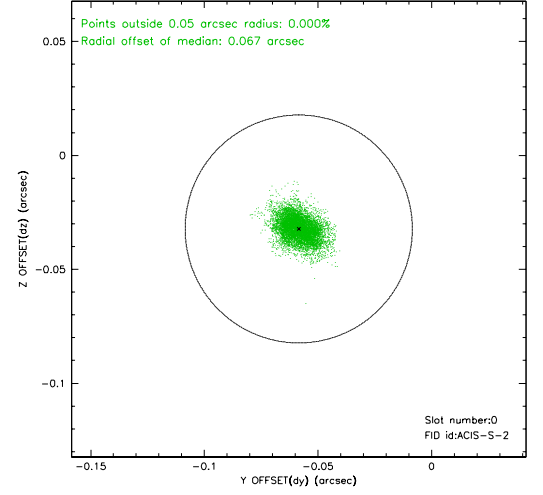
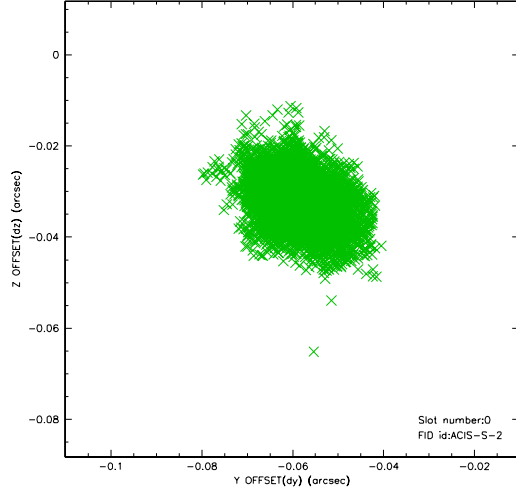


2.4.5 Slot 7

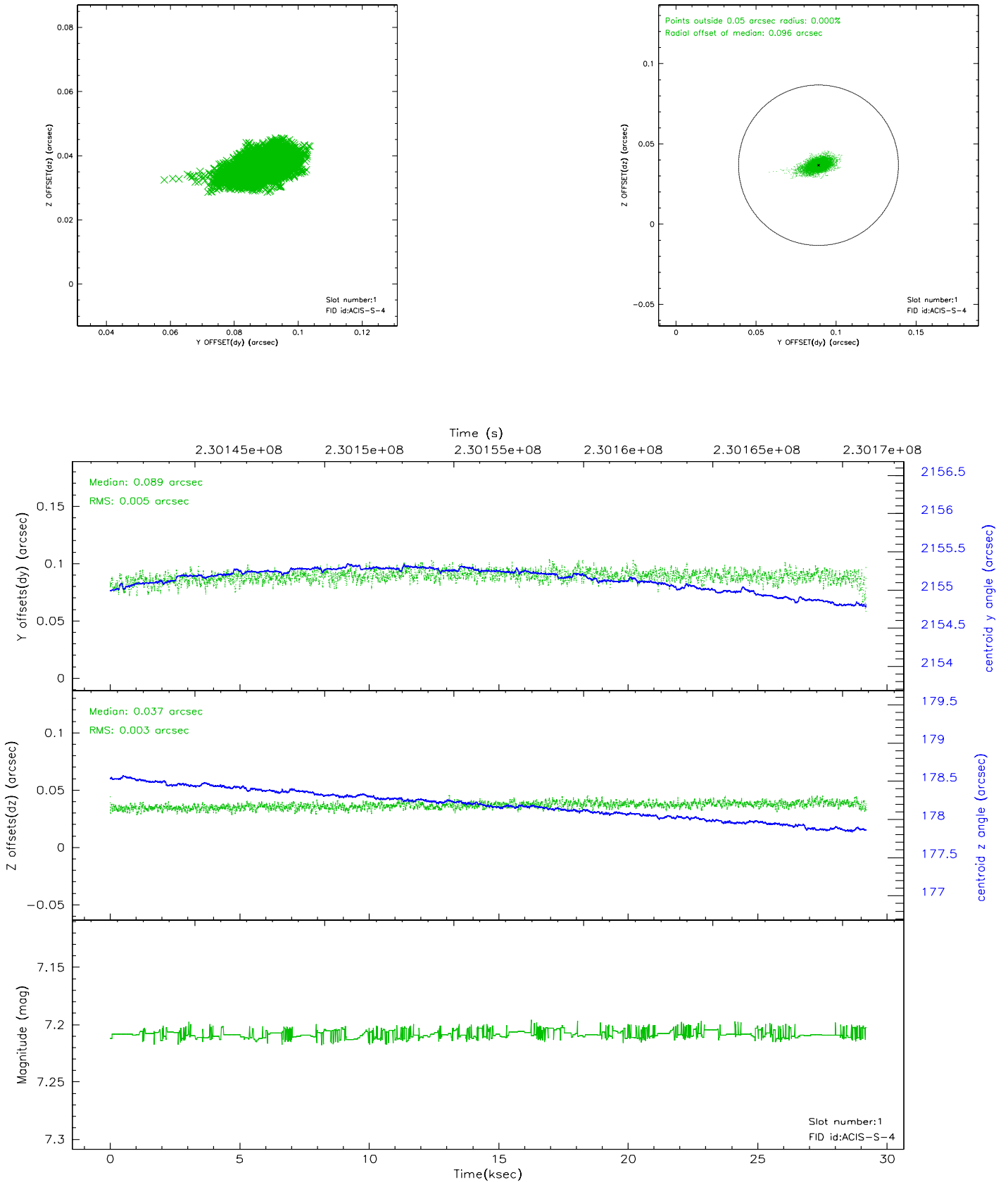


2.5 FID Slots

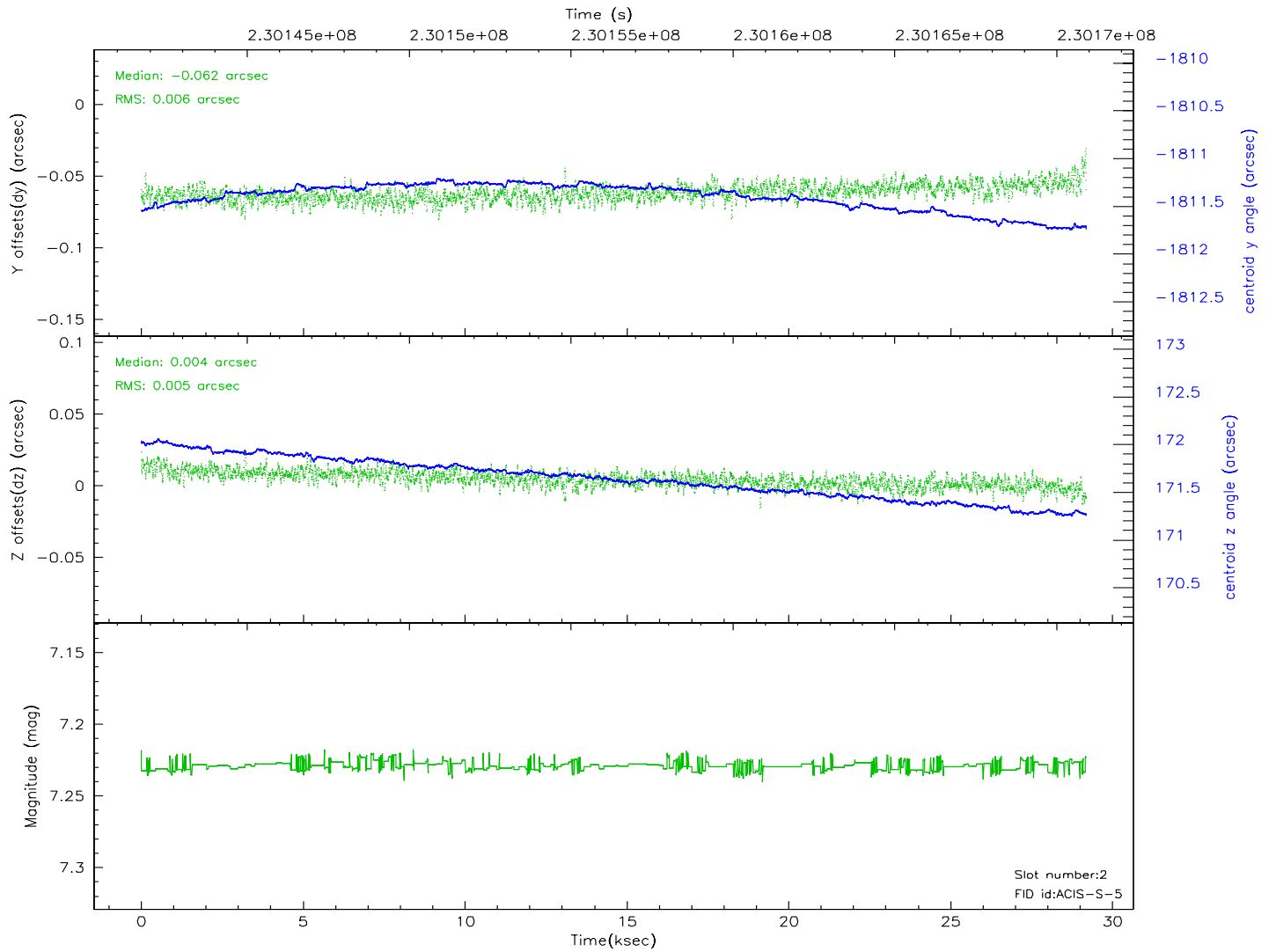
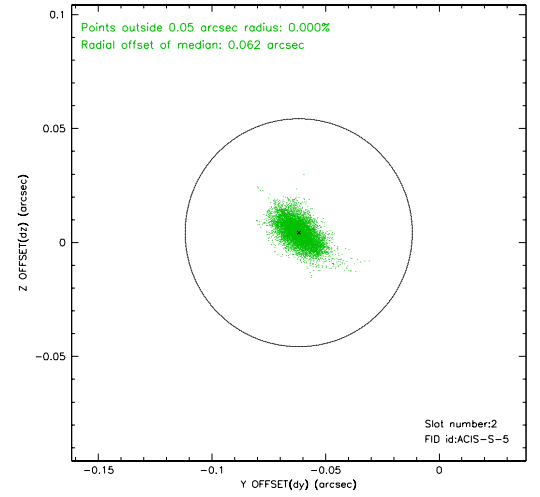
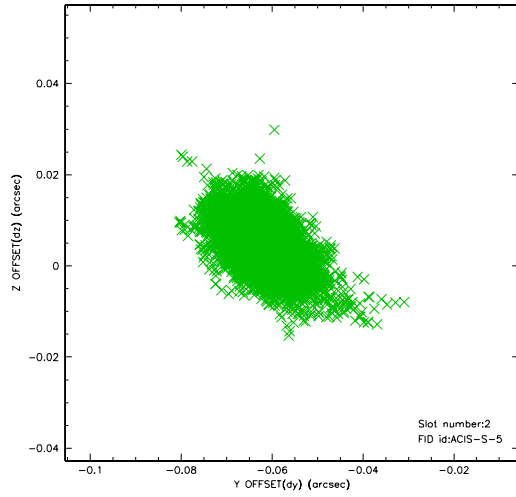
2.5.1 Slot 0



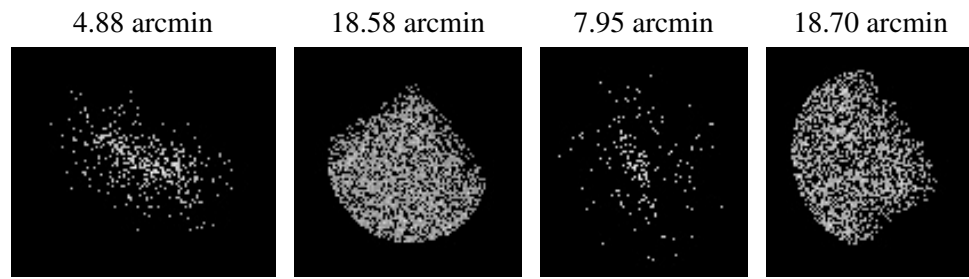
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.03.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	29.04079

A.2 Comments