

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 4566 - L2 Version 001
Chandra X-Ray Center

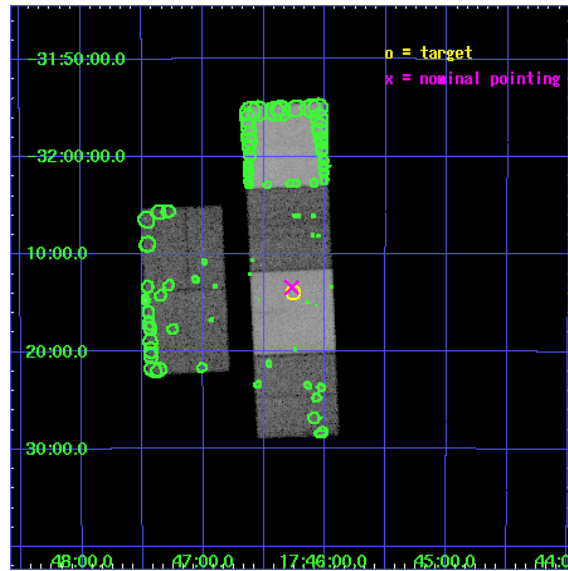
L2 Processing Date : May 27 2006

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1 Front

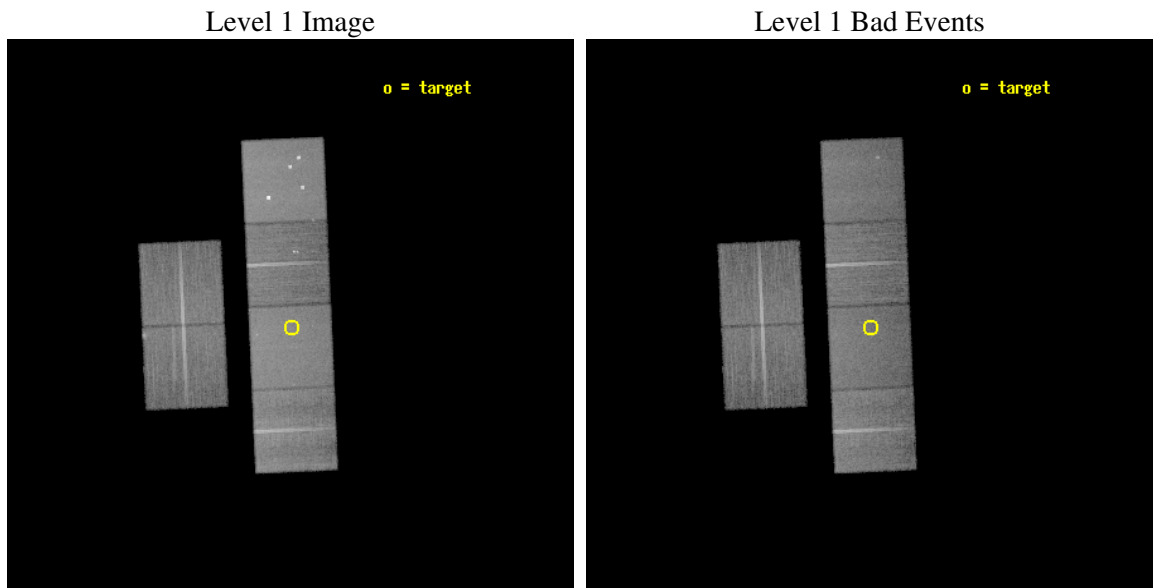
seq_num	400349
obs_id	4566
title	X-Ray Jets in Microquasars
observer	Dr Stephane Corbel
object	H1743-322
dtcycle	0
cycle	P
ra_targ	266.565
dec_targ	-32.2333
ra_nom	266.56751514756
dec_nom	-32.223894682705
roll_nom	87.457967508404
revision	2
ontime	28726.399892986
livetime	28362.648920579
ontime2	28726.399892986
ontime3	28726.399892986
ontime5	28726.399892986
ontime6	28726.399892986
ontime7	28726.399892986
ontime8	28726.399892986
l2events	314665



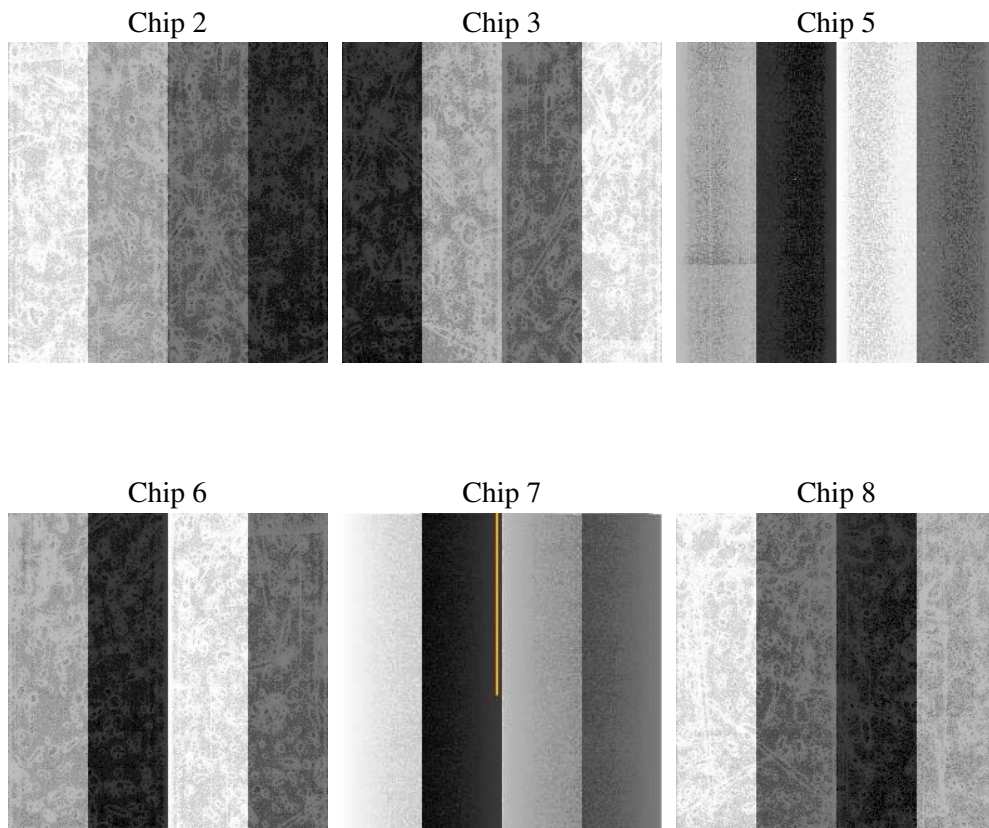
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.2
caldsver	3.2.2
date	2006-05-27T03:16:55
revision	2

sched_exp_time	28600.000000
ontime	29237.088454753
ontime2	29237.088454753
ontime3	29237.088424861
ontime5	29237.088454753
ontime6	29237.088454753
ontime7	29237.088454753
ontime8	29240.329464853
l1events	1449157

2.1.4 Events

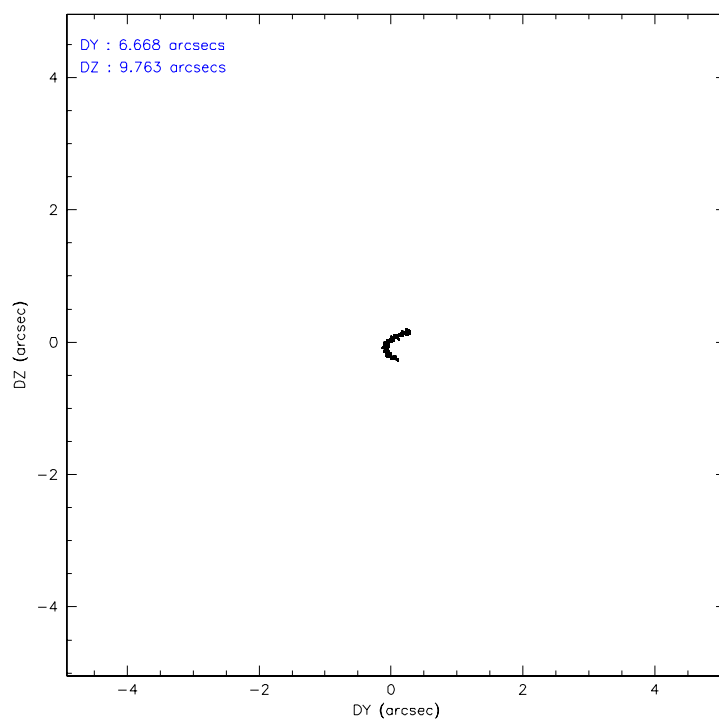
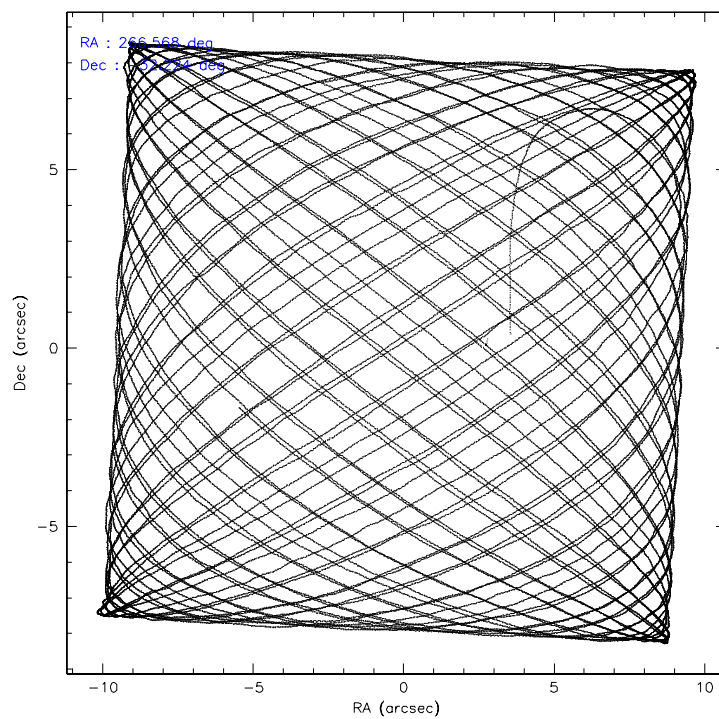
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	205369	196269	310262	205697	274505	257055
rejected events	180576	170949	169307	178901	170898	201614
rejected %	87%	87%	54%	86%	62%	78%

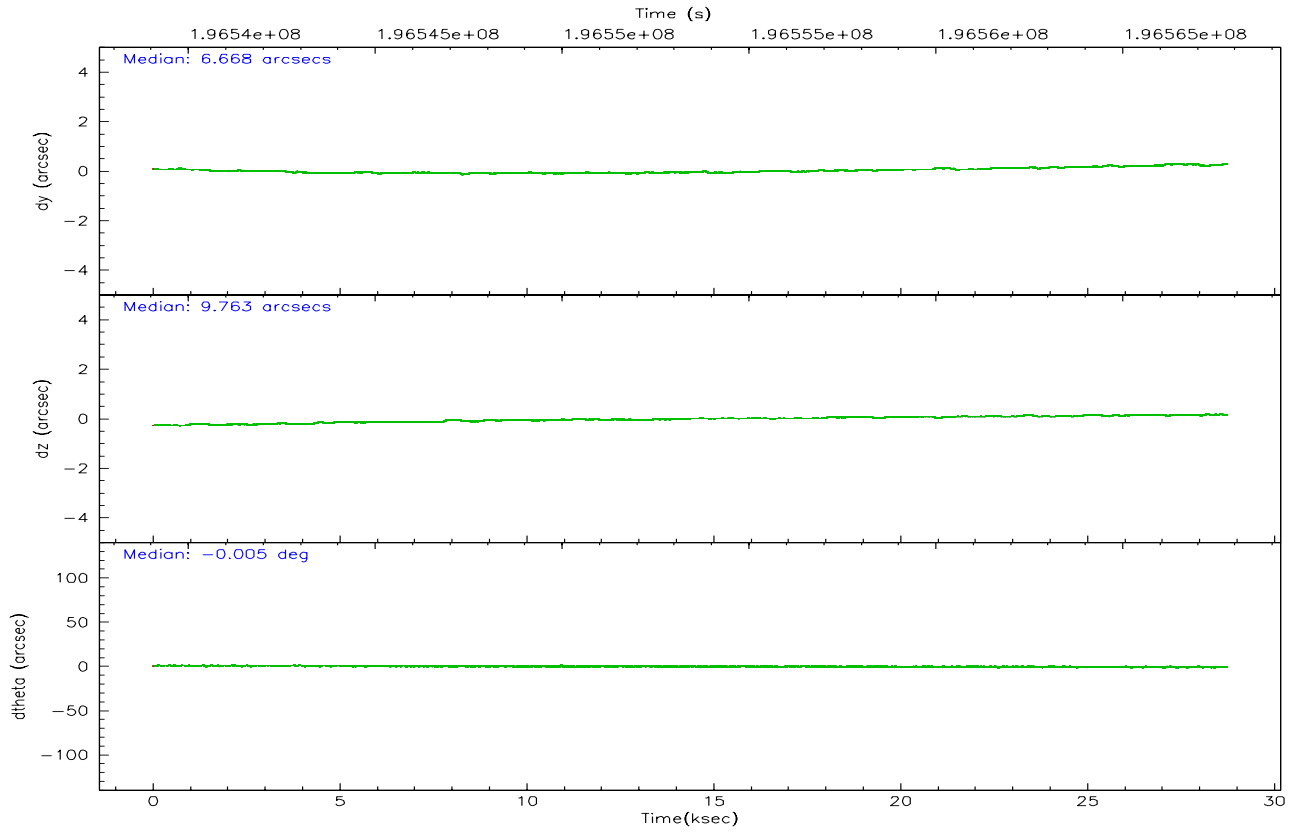
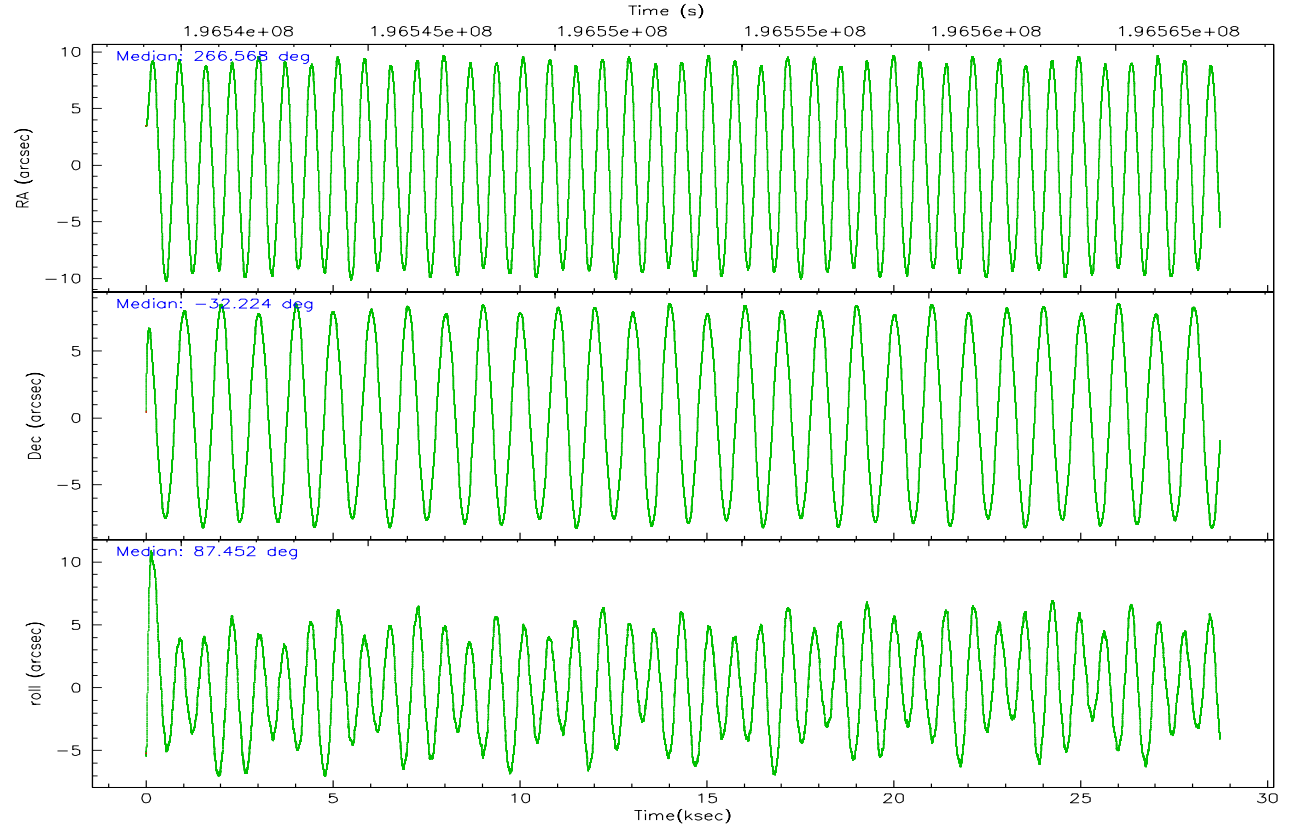
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	11512	12120	22433	12264	6171	18695
	5%	6%	7%	5%	2%	7%
grade 1 events	125	141	783	96	170	171
	0%	0%	0%	0%	0%	0%
grade 2 events	5013	4659	40423	5225	26071	12043
	2%	2%	13%	2%	9%	4%
grade 3 events	2324	2467	2933	2513	5270	5780
	1%	1%	0%	1%	1%	2%
grade 4 events	2291	2421	2776	2356	5355	5597
	1%	1%	0%	1%	1%	2%
grade 5 events	8018	8921	14080	9287	17624	12033
	3%	4%	4%	4%	6%	4%
grade 6 events	4119	4156	74963	4899	62552	14431
	2%	2%	24%	2%	22%	5%
grade 7 events	171967	161384	151871	169057	151292	188305
	83%	82%	48%	82%	55%	73%

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	266.582731	266.5675151475616	Alternating exposures requested	N	N
Pointing Dec	-32.247862	-32.22389468270479	Primary exposure time	0.000000	3.2
Pointing Roll	87.309466	87.45796750840371			
Window start time	195955264.184000	195955264.184000			
Window stop time	197078464.184000	197078464.184000			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
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	196539191.184000	196537892.41434			
Observation start date	2004-03-24T18:12:07	2004-03-24T17:51:32			
Observation end time	196567791.184000	196568450.74068			
Observation end date	2004-03-25T02:08:47	2004-03-25T02:20:50			
Read mode	TIMED	TIMED			

2.3 Aspect



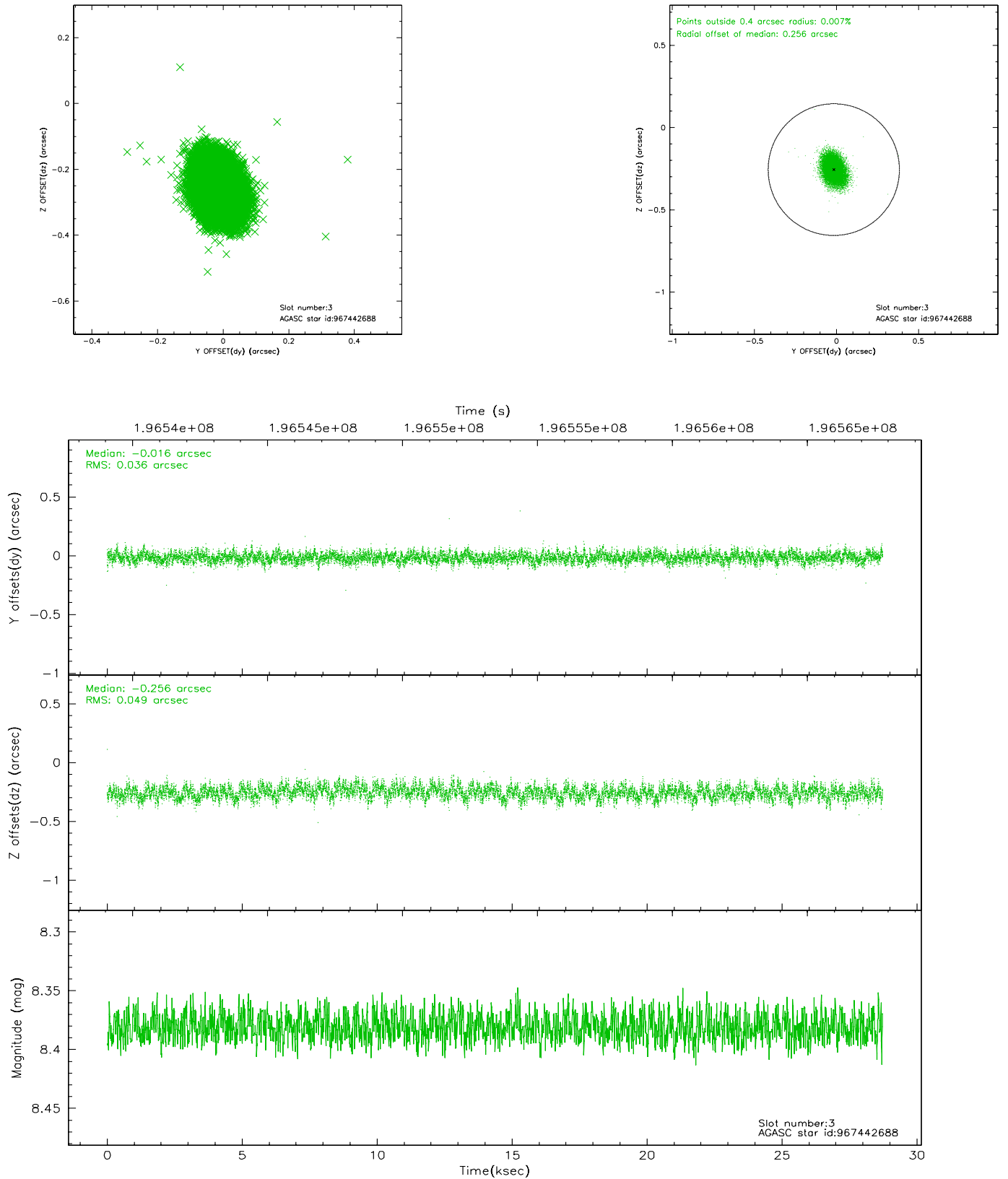


Slot Statistics

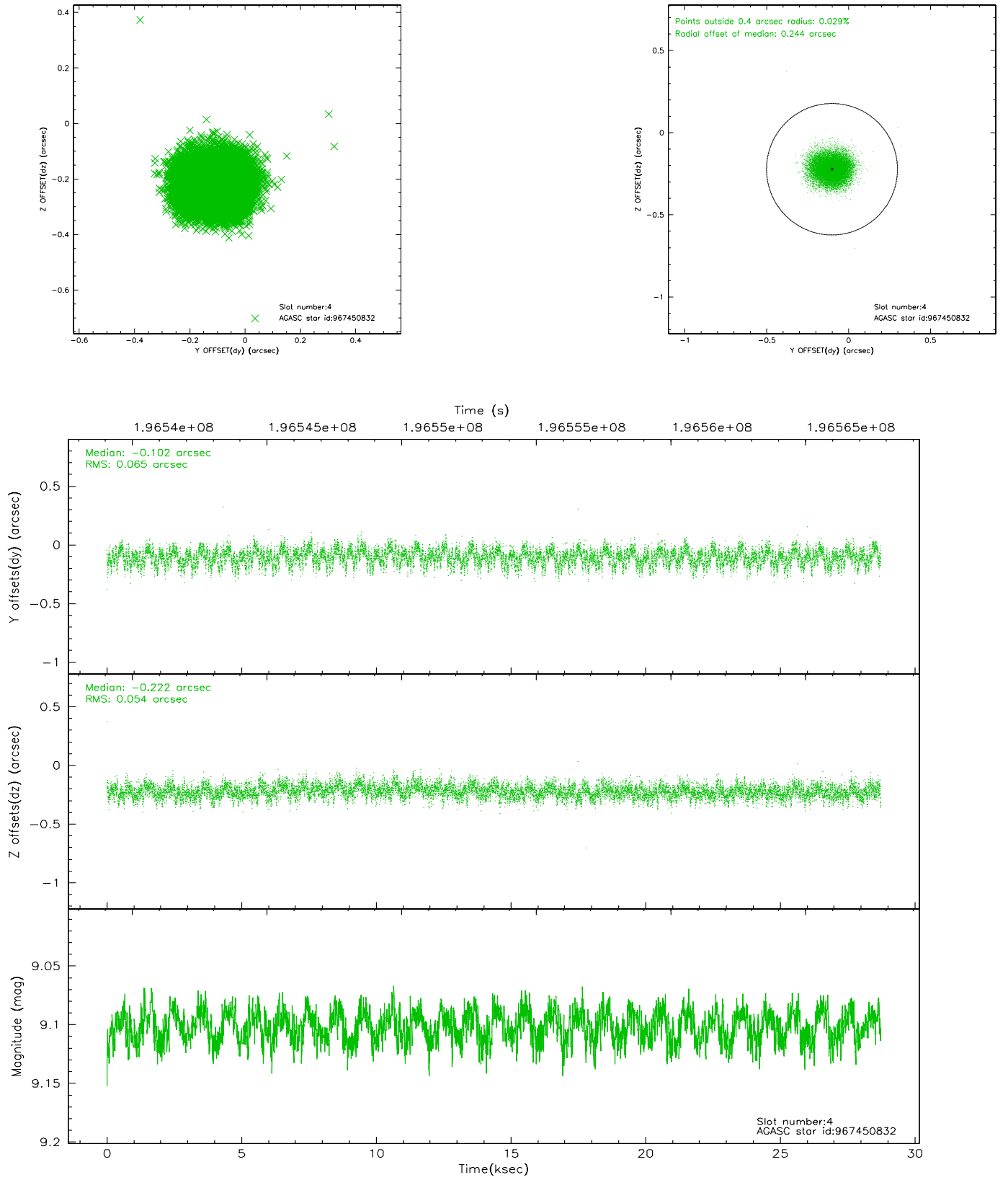
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	7009	-0.039	0.001	0.011	0.023	0.000000	0.000000	-759.46	-1730.94
1	FID	ACIS-S-4	7.20	7008	0.029	0.018	0.010	0.029	0.000000	0.000000	2153.83	177.51
2	FID	ACIS-S-5	7.23	7009	-0.023	-0.010	0.009	0.017	0.000000	0.000000	-1812.20	171.20
3	GUIDE	967442688	8.38	14011	-0.016	-0.256	0.064	0.106	266.096113	-32.373763	-525.42	1456.40
4	GUIDE	967450832	9.10	13968	-0.102	-0.222	0.091	0.143	266.078096	-31.879979	1246.92	1603.20
5	GUIDE	967446352	7.75	14018	0.106	-0.008	0.067	0.108	267.069988	-32.671157	-1455.79	-1546.39
6	GUIDE	967447616	9.28	14014	0.144	0.258	0.124	0.191	267.260141	-32.889782	-2218.27	-2154.27
7	GUIDE	967451816	9.26	14003	-0.133	0.226	0.090	0.150	267.266669	-31.901374	1337.53	-2029.39

2.4 Star Slots

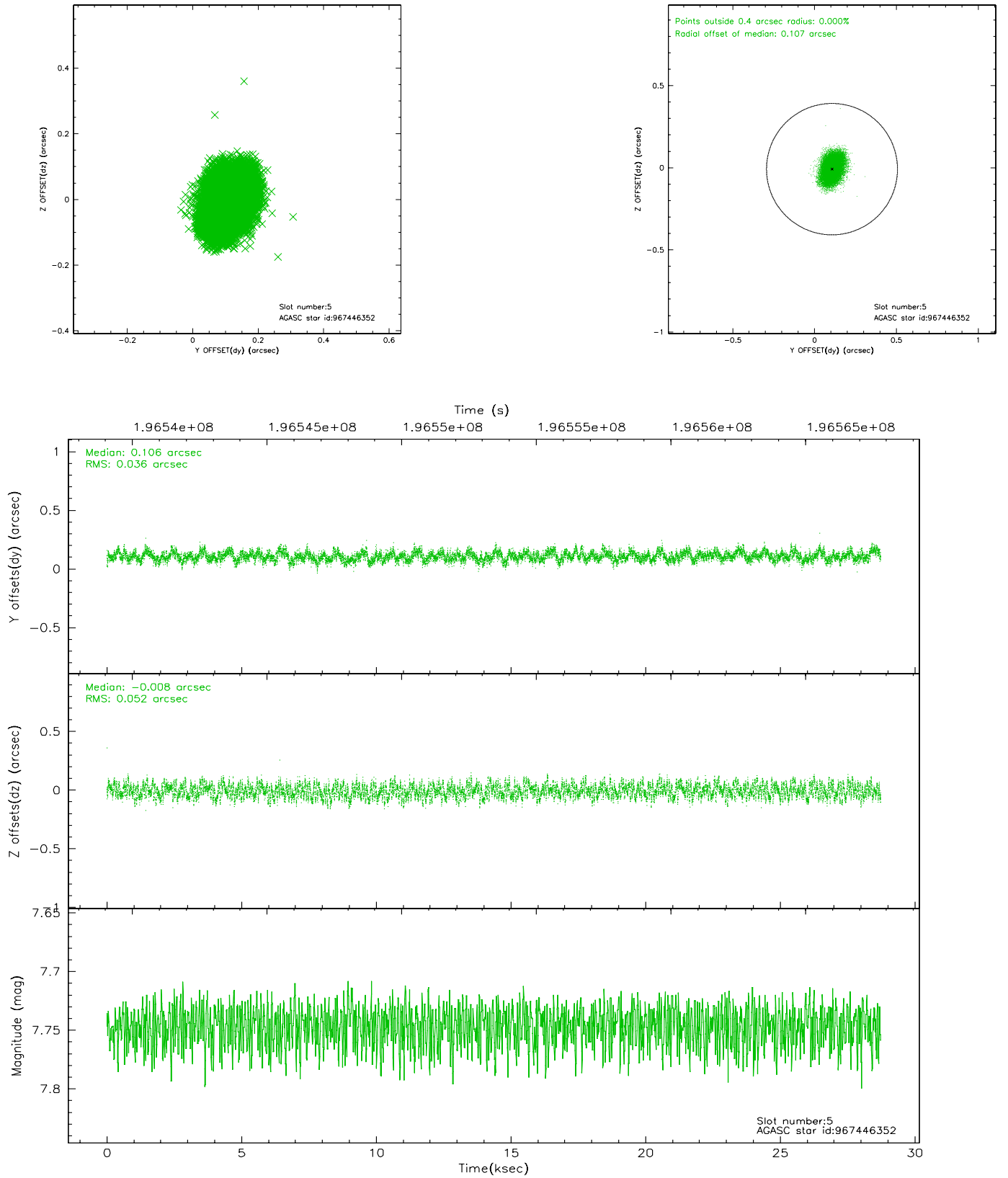
2.4.1 Slot 3



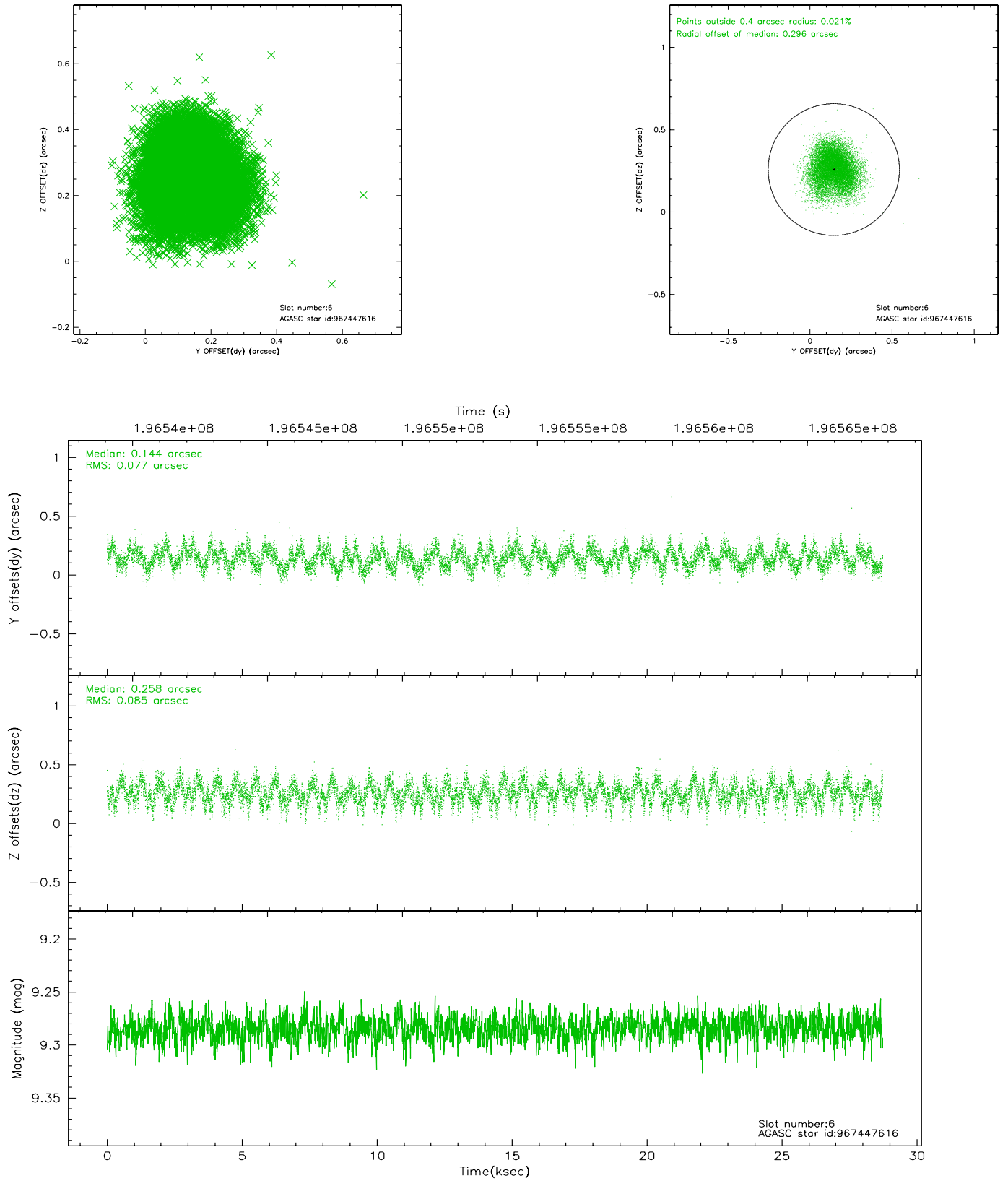
2.4.2 Slot 4



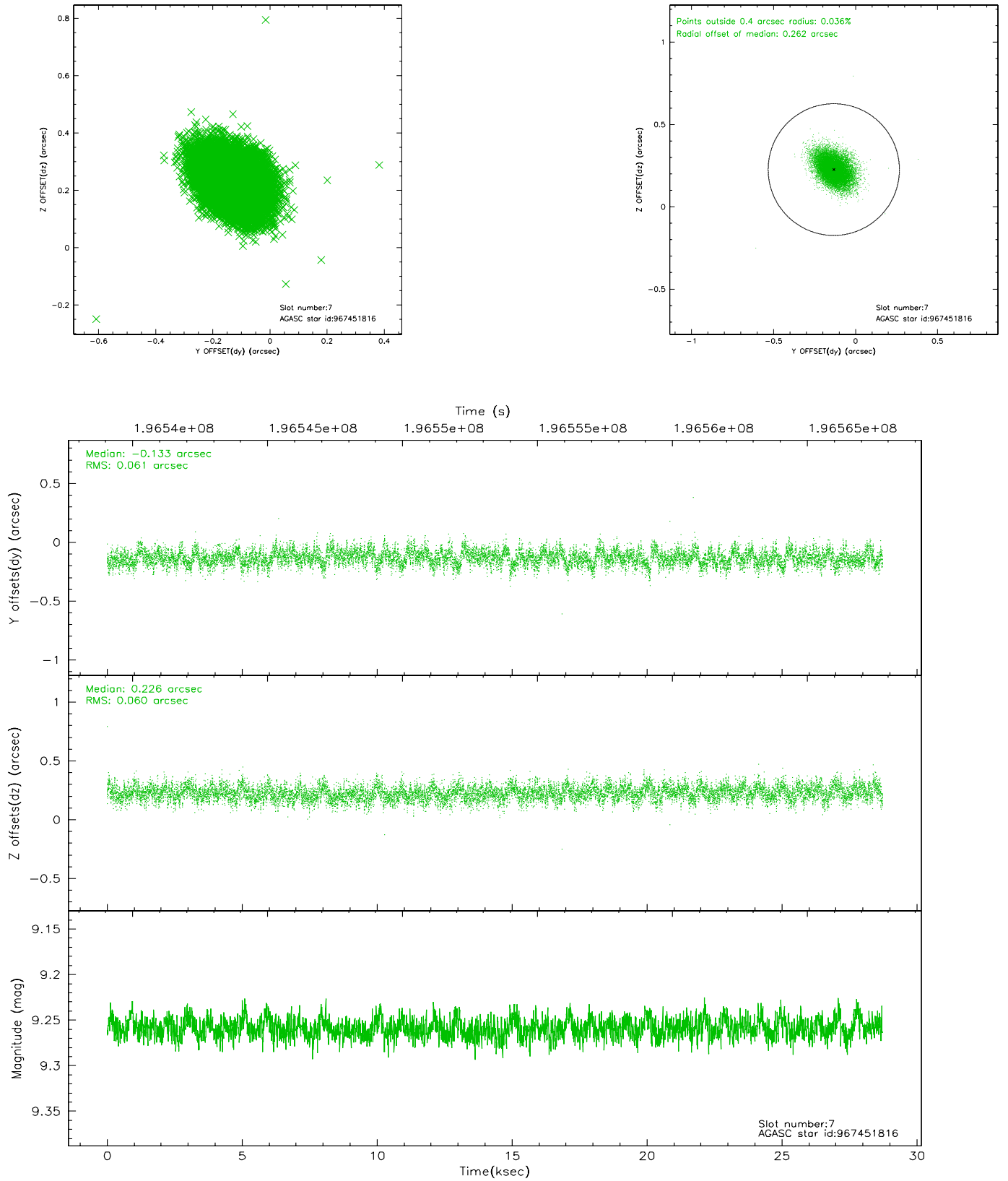
2.4.3 Slot 5



2.4.4 Slot 6

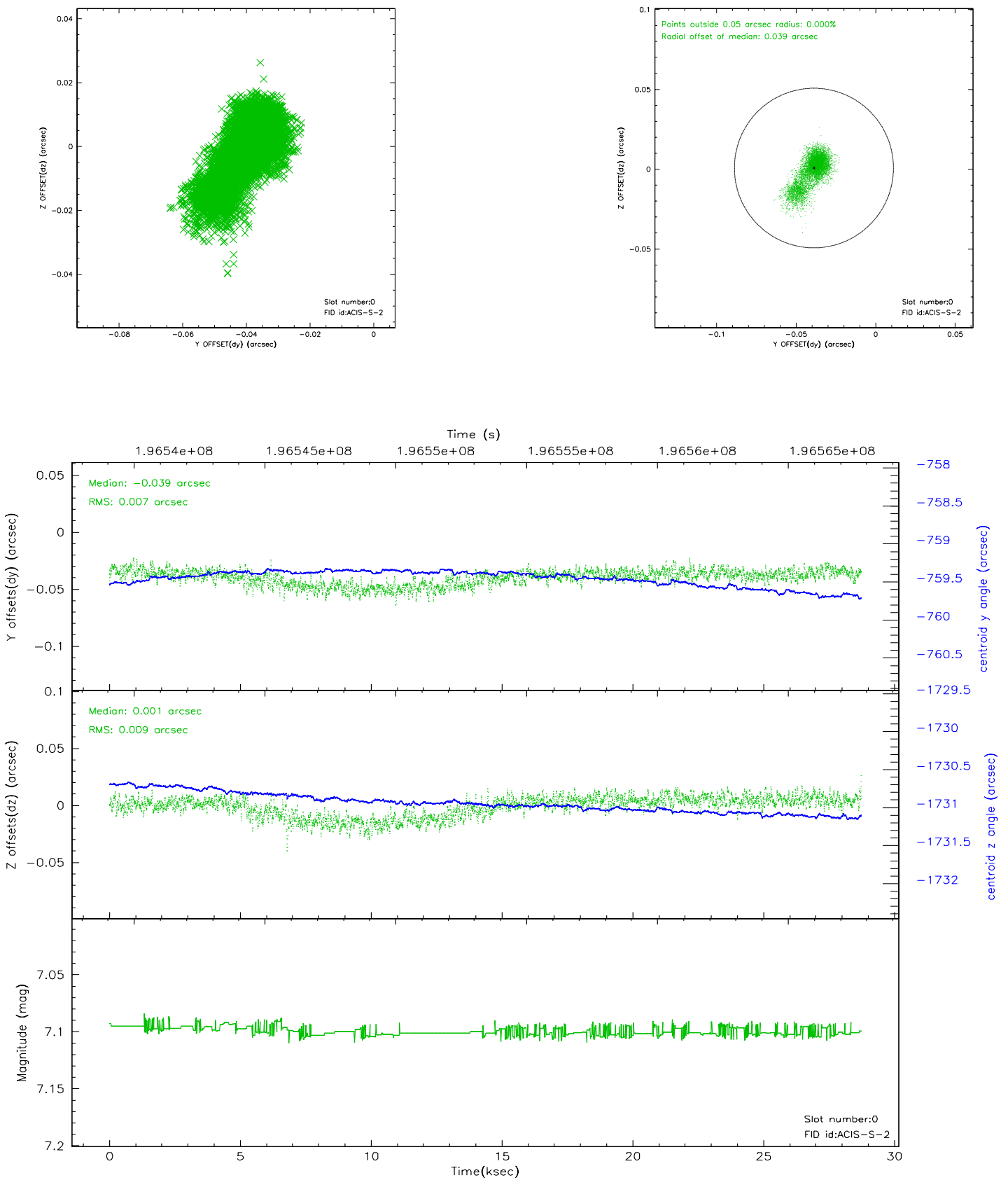


2.4.5 Slot 7

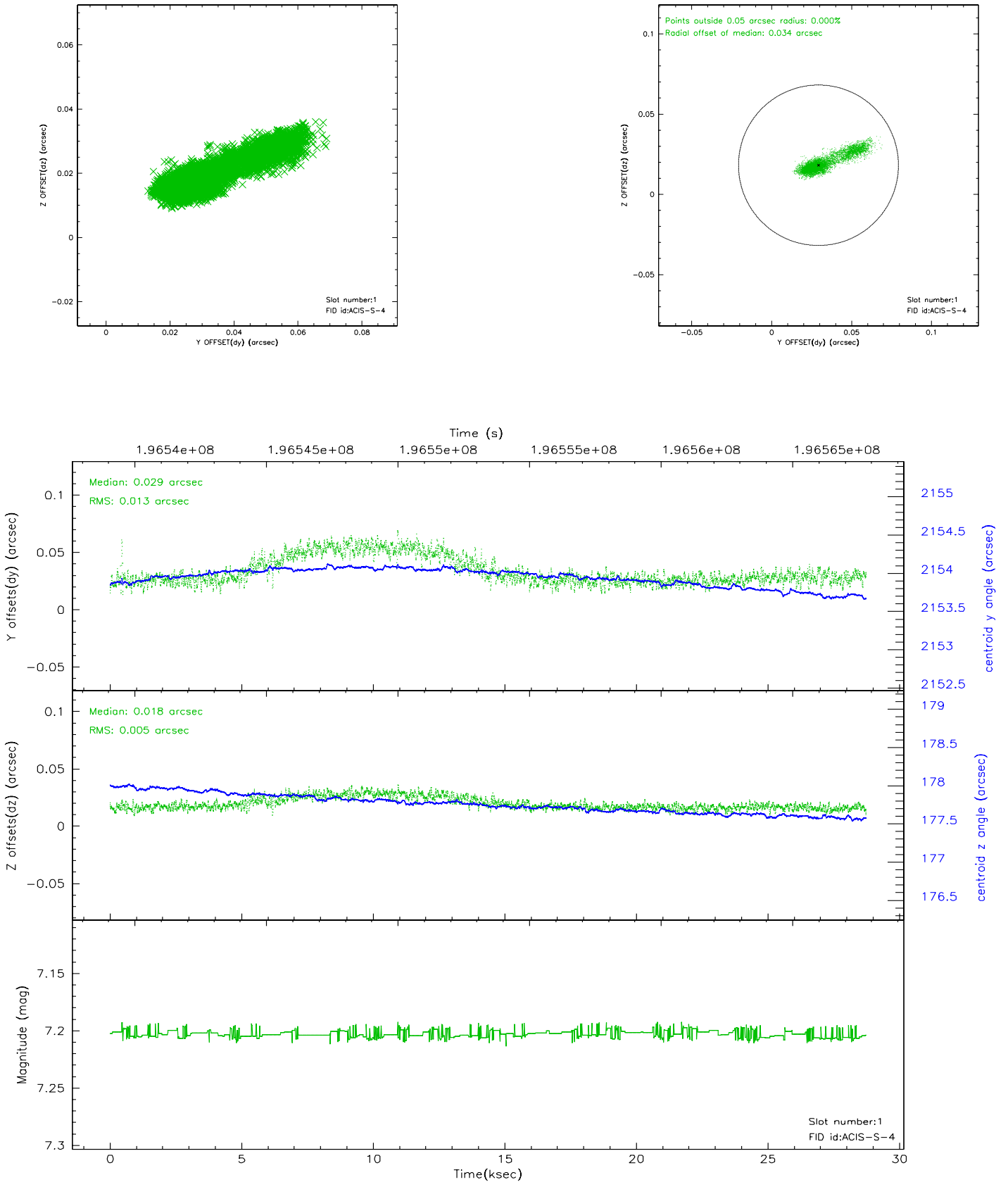


2.5 FID Slots

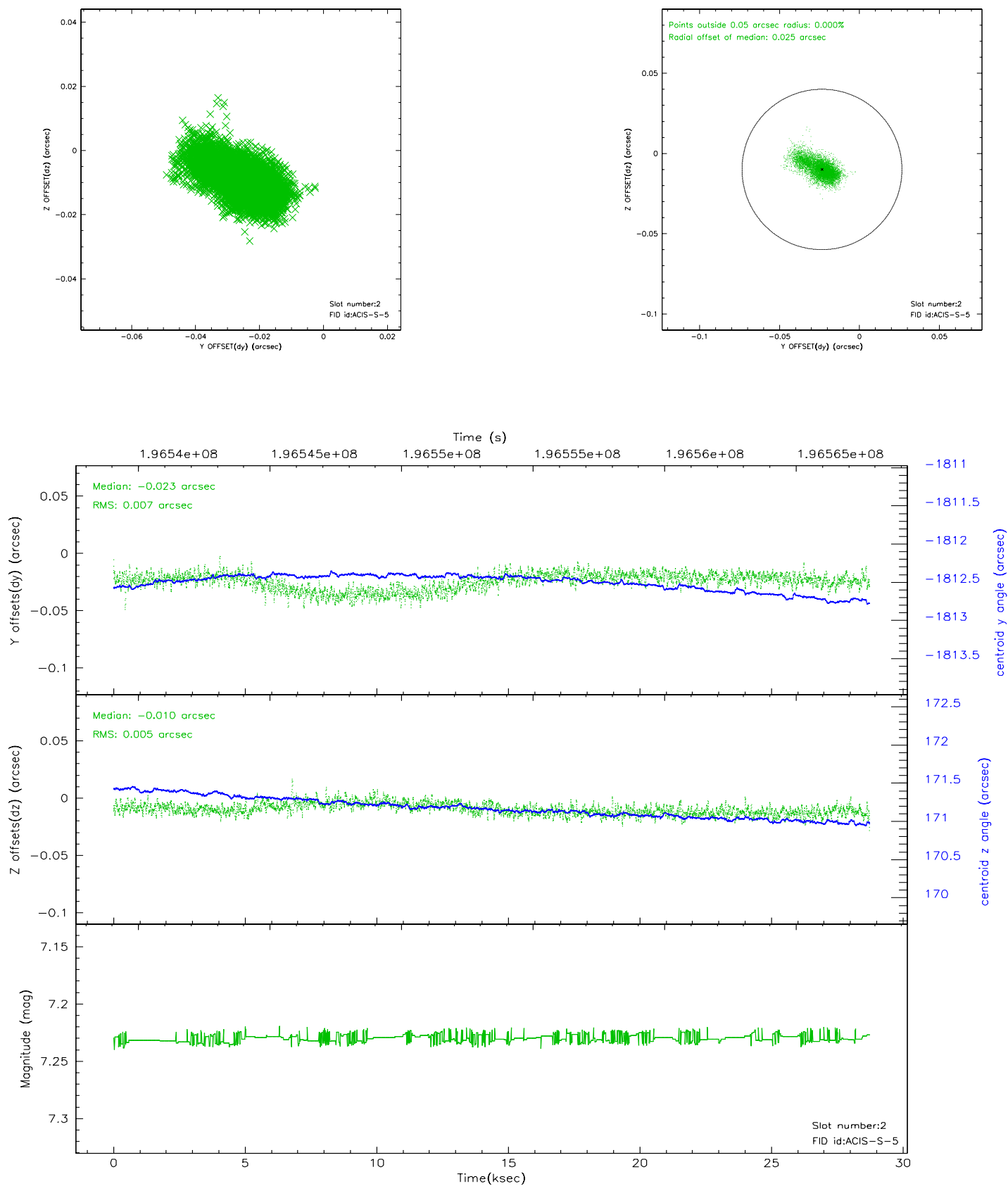
2.5.1 Slot 0



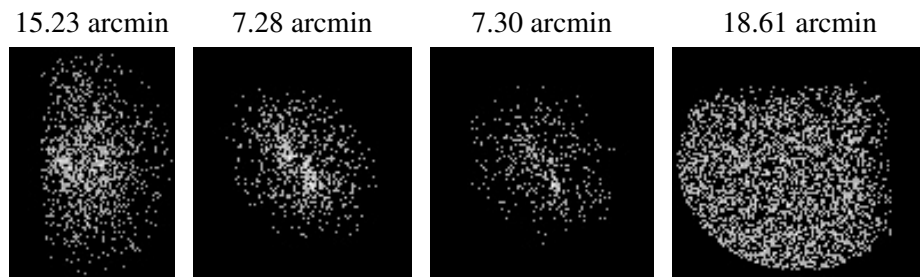
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.05.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	28.726

A.2 Comments

Window constraint satisfied.