

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 5692 - L2 Version 002
Chandra X-Ray Center

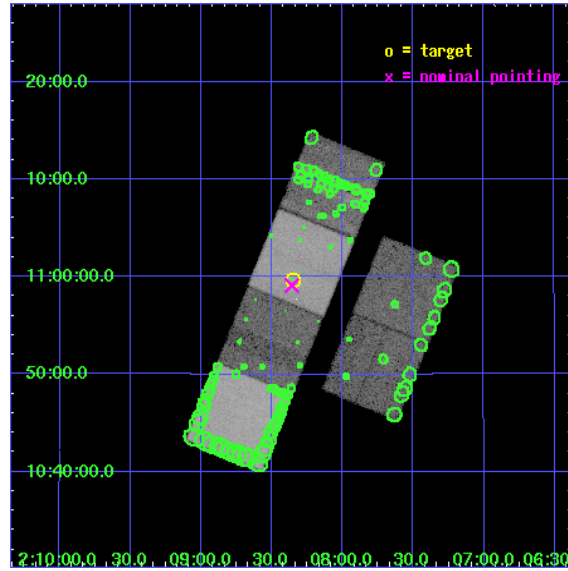
L2 Processing Date : Apr 8 2006

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1 Front

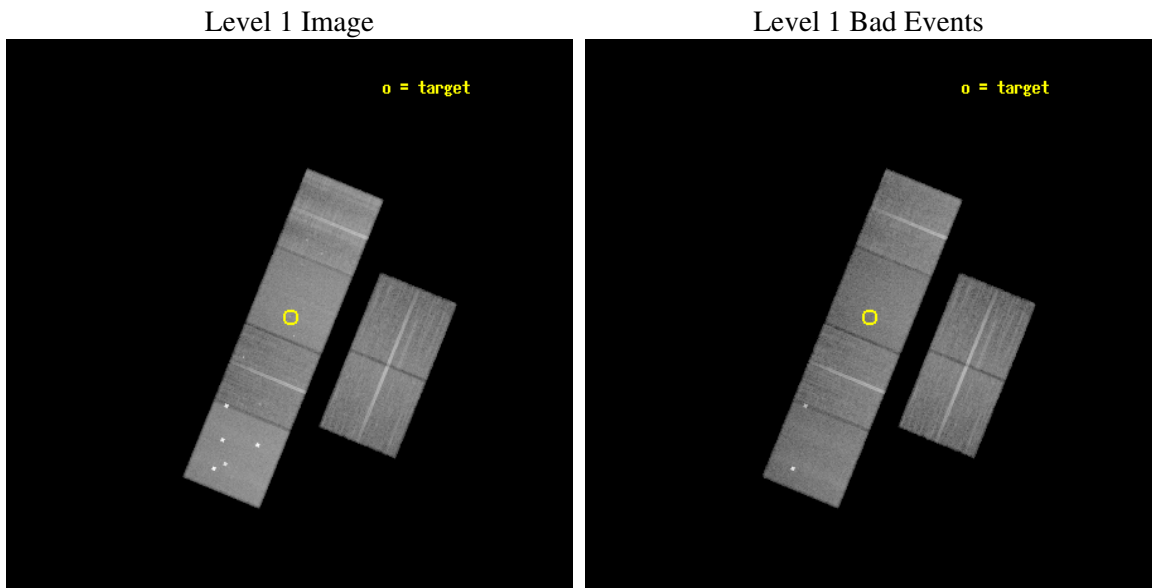
seq_num	701114
obs_id	5692
title	The X-ray Jet of the X-ray faint supermassive nuclear black hole in NGC 821
observer	Dr Giuseppina Fabbiano
object	NGC821
dtcycle	0
cycle	P
ra_targ	32.0875
dec_targ	10.99475
ra_nom	32.089542026364
dec_nom	10.985320659366
roll_nom	292.16571385994
revision	2
ontime	27955.199895859
livetime	27601.214322177
ontime2	27951.958905578
ontime3	27955.199895859
ontime5	27955.199895859
ontime6	27955.199895859
ontime7	27955.199895859
ontime8	27951.958985209
l2events	362055



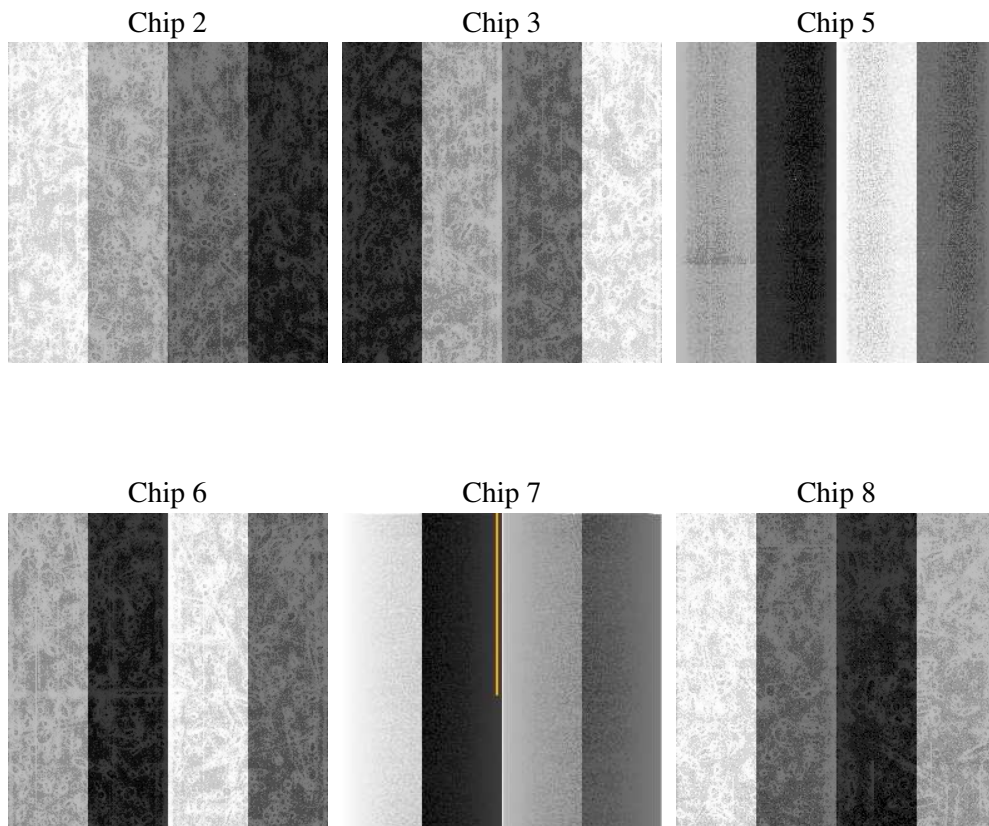
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.1
caldsver	3.2.1
date	2006-04-08T13:21:25
revision	2

sched_exp_time	28000.000000
ontime	27960.215877563
ontime2	27956.974877357
ontime3	27960.215867639
ontime5	27960.215877563
ontime6	27960.215877563
ontime7	27960.215877563
ontime8	27956.974966913
l1events	1678564

2.1.4 Events

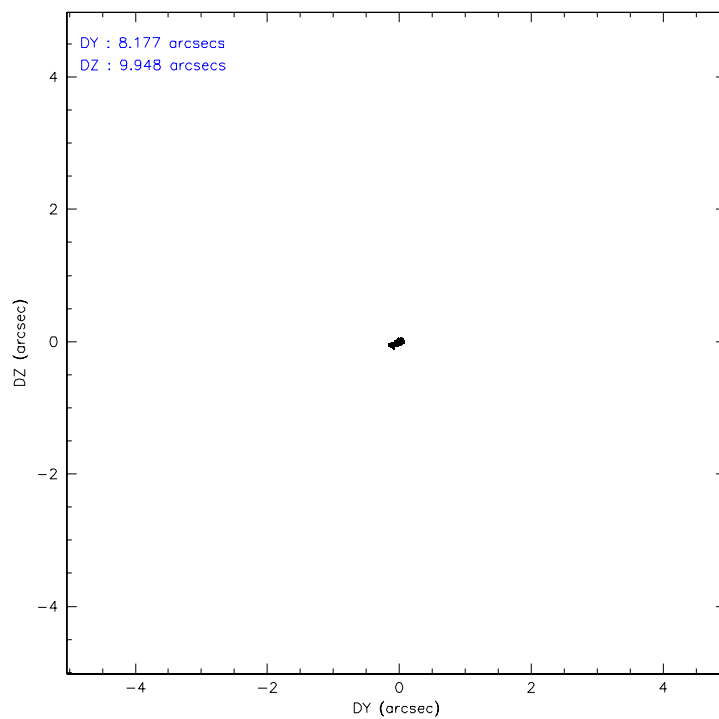
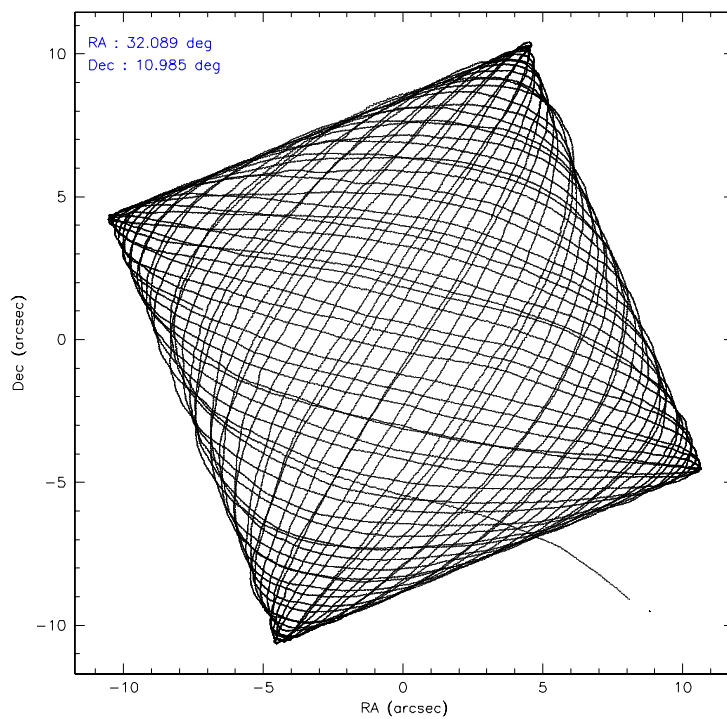
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	236122	223554	363637	235221	300788	319242
rejected events	207491	195290	194808	205464	186399	227949
rejected %	87%	87%	53%	87%	61%	71%

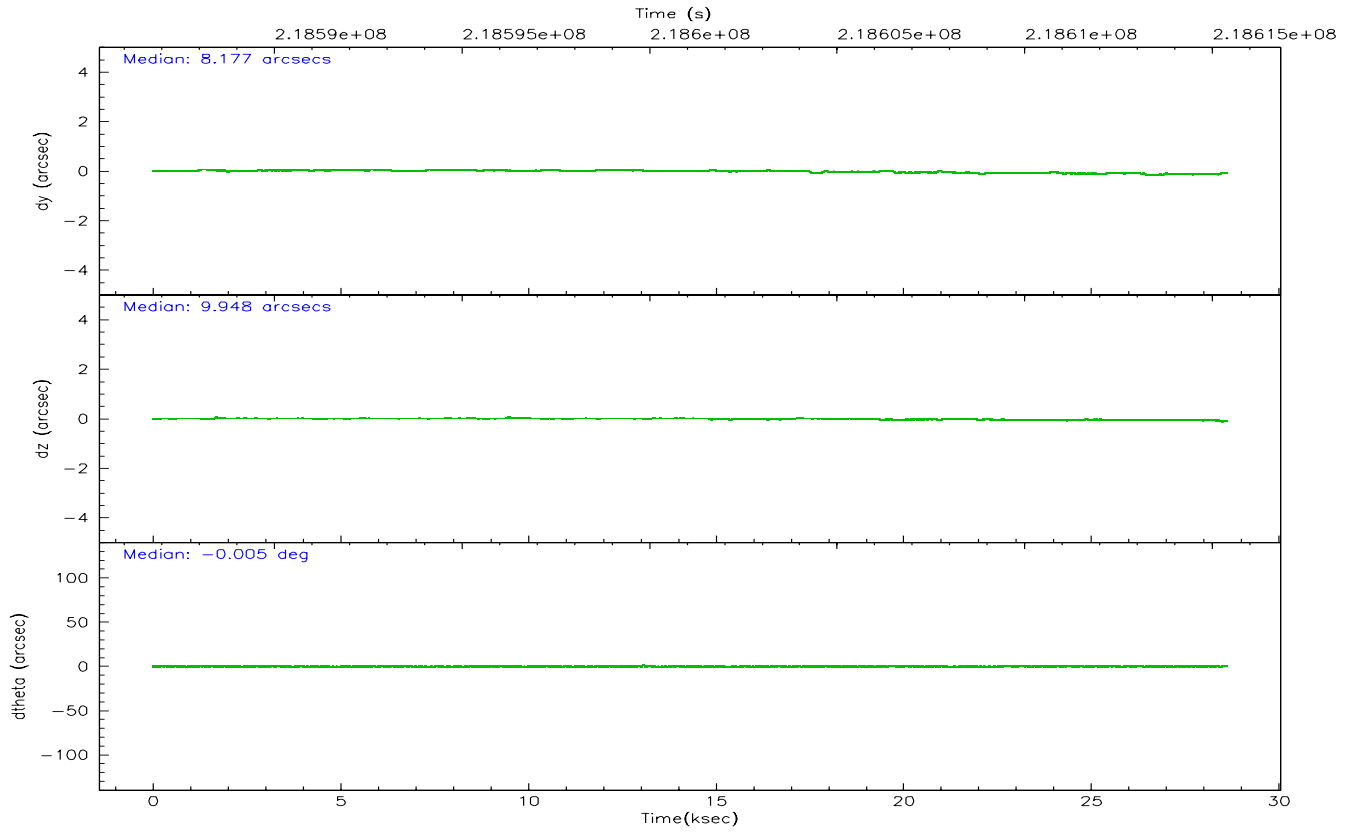
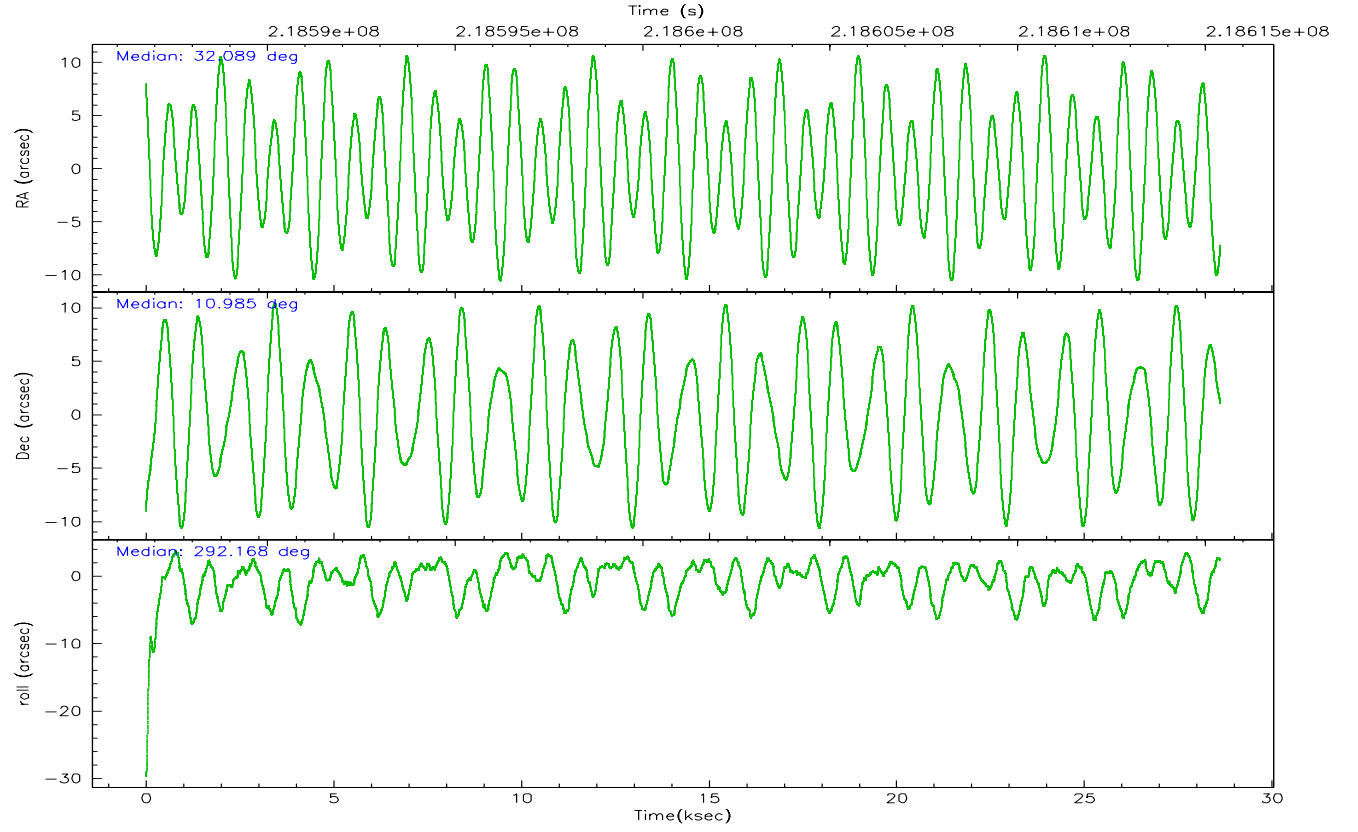
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	12527	12016	25994	11967	6146	29877
	5%	5%	7%	5%	2%	9%
grade 1 events	162	133	777	95	213	288
	0%	0%	0%	0%	0%	0%
grade 2 events	6223	5875	48471	6914	28332	16973
	2%	2%	13%	2%	9%	5%
grade 3 events	2510	2640	3897	2568	5587	12480
	1%	1%	1%	1%	1%	3%
grade 4 events	2561	2589	3925	2489	5338	11276
	1%	1%	1%	1%	1%	3%
grade 5 events	8664	9575	17281	10051	19016	13530
	3%	4%	4%	4%	6%	4%
grade 6 events	4814	5150	86580	5830	69011	20695
	2%	2%	23%	2%	22%	6%
grade 7 events	198661	185576	176712	195307	167145	214123
	84%	83%	48%	83%	55%	67%

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	VFAINT	VFAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	32.067422	32.08954202636366	Alternating exposures requested	N	N
Pointing Dec	11.001702	10.98532065936556	Primary exposure time	0.000000	3.2
Pointing Roll	292.013307	292.1657138599422			
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	218587385.184000	218586204.06922			
Observation start date	2004-12-04T22:42:01	2004-12-04T22:23:24			
Observation end time	218615385.184000	218616070.00806			
Observation end date	2004-12-05T06:28:41	2004-12-05T06:41:10			
Read mode	TIMED	TIMED			

2.3 Aspect



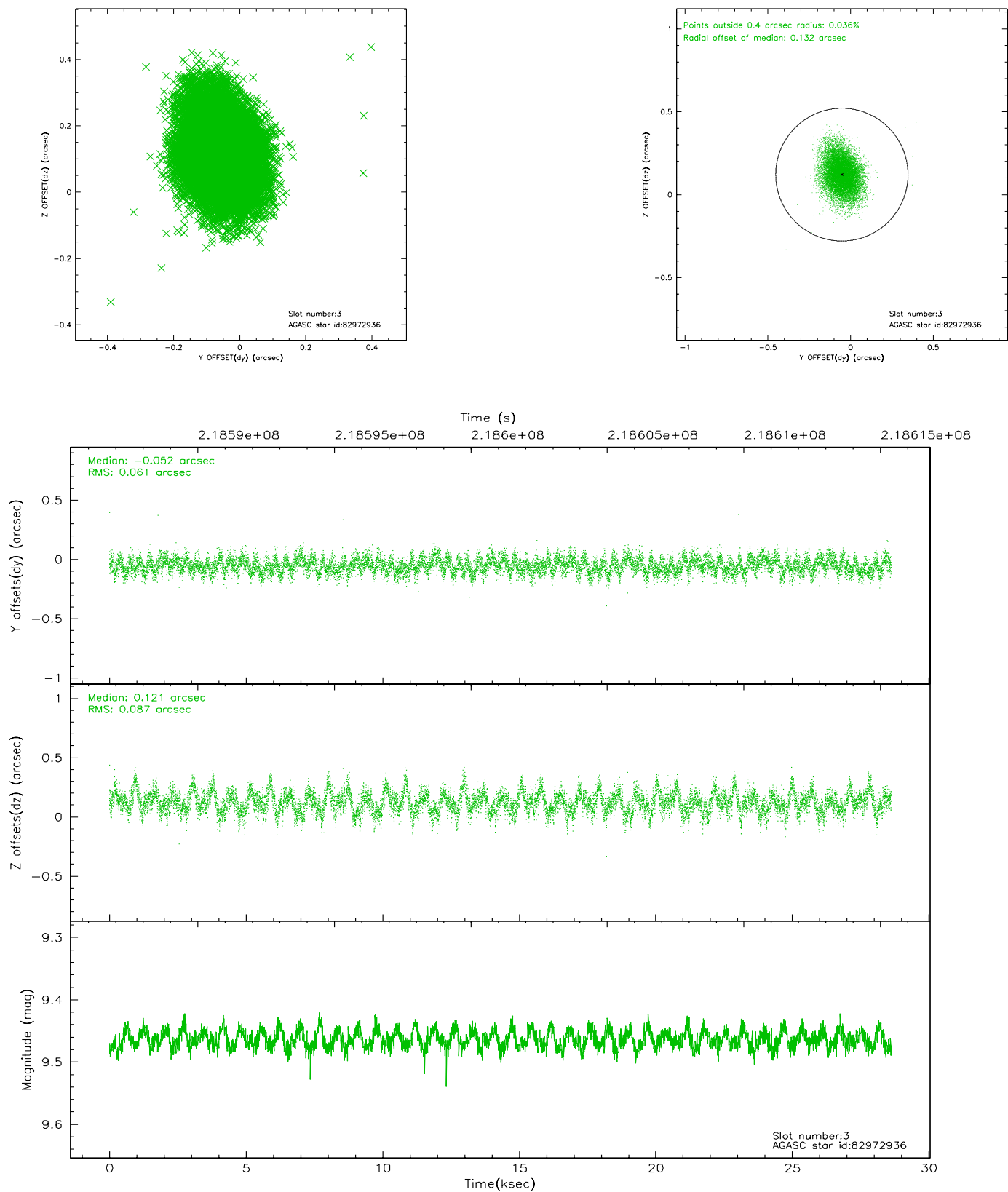


Slot Statistics

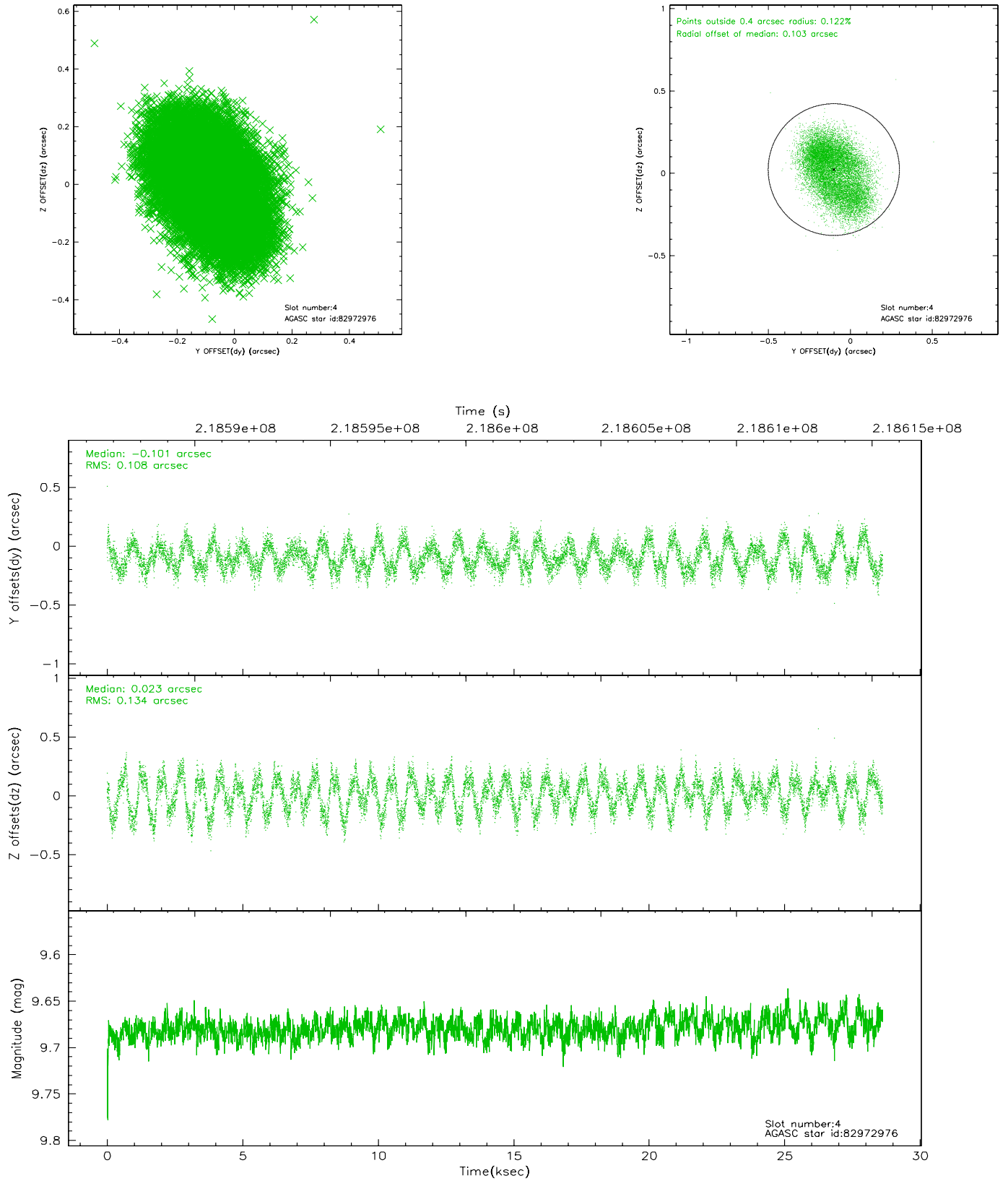
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	6982	-0.029	-0.004	0.006	0.010	0.000000	0.000000	-760.93	-1731.16
1	FID	ACIS-S-4	7.21	6982	0.073	0.015	0.005	0.009	0.000000	0.000000	2152.36	177.33
2	FID	ACIS-S-5	7.24	6982	-0.075	-0.002	0.006	0.011	0.000000	0.000000	-1813.76	170.98
3	GUIDE	82972936	9.46	13951	-0.052	0.121	0.112	0.188	31.880349	11.323150	-1320.34	-178.01
4	GUIDE	82972976	9.68	13953	-0.101	0.023	0.185	0.288	31.722409	11.276757	-1374.93	-757.58
5	GUIDE	82974960	9.81	13956	-0.074	-0.128	0.157	0.254	31.911636	11.621581	-2274.74	327.34
6	GUIDE	82976744	9.50	13889	0.083	-0.046	0.120	0.189	32.095784	10.602457	1370.24	-445.60
7	GUIDE	82976896	10.75	13941	0.140	0.062	0.193	0.317	32.651084	10.578772	2184.51	1345.16

2.4 Star Slots

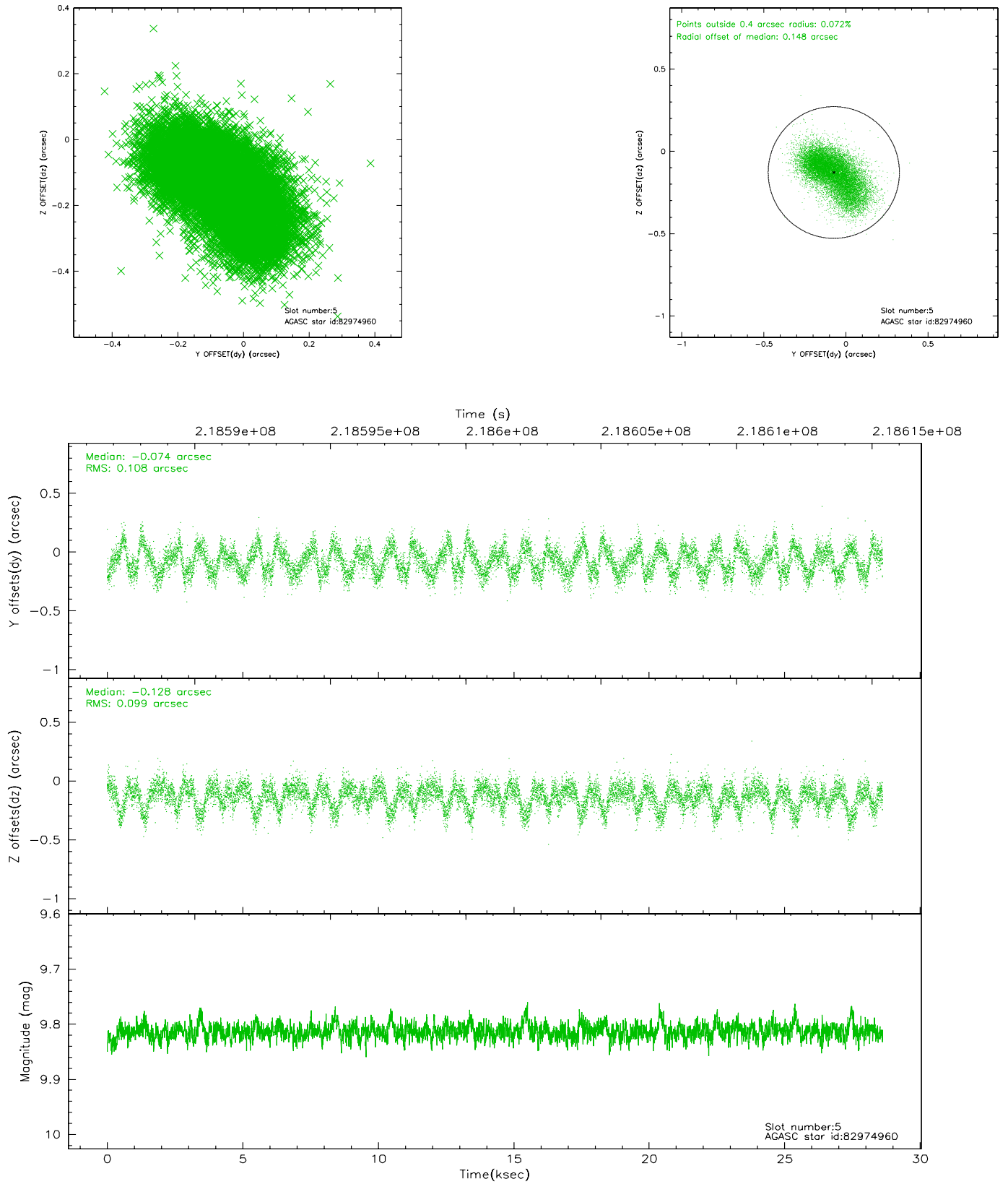
2.4.1 Slot 3



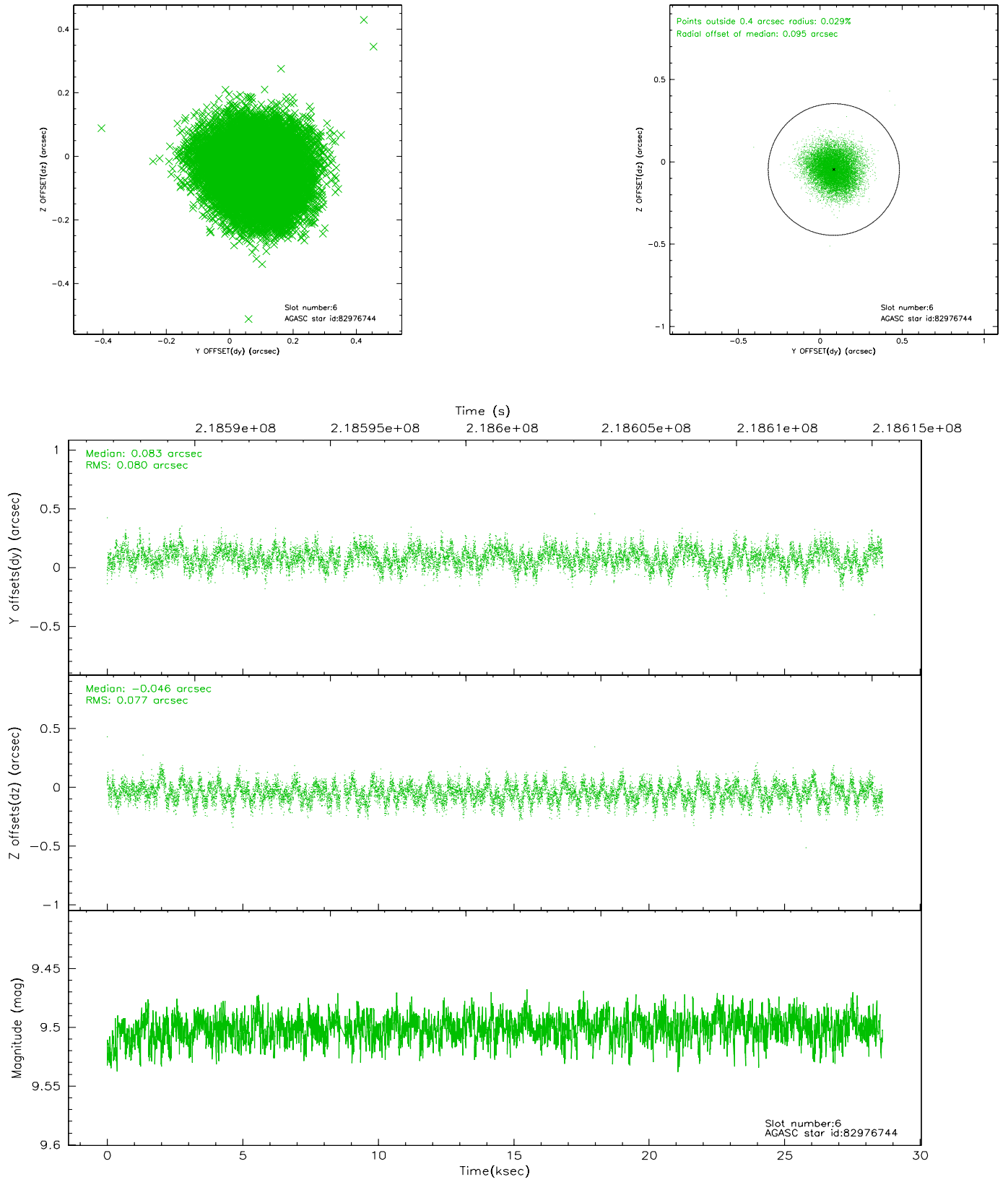
2.4.2 Slot 4



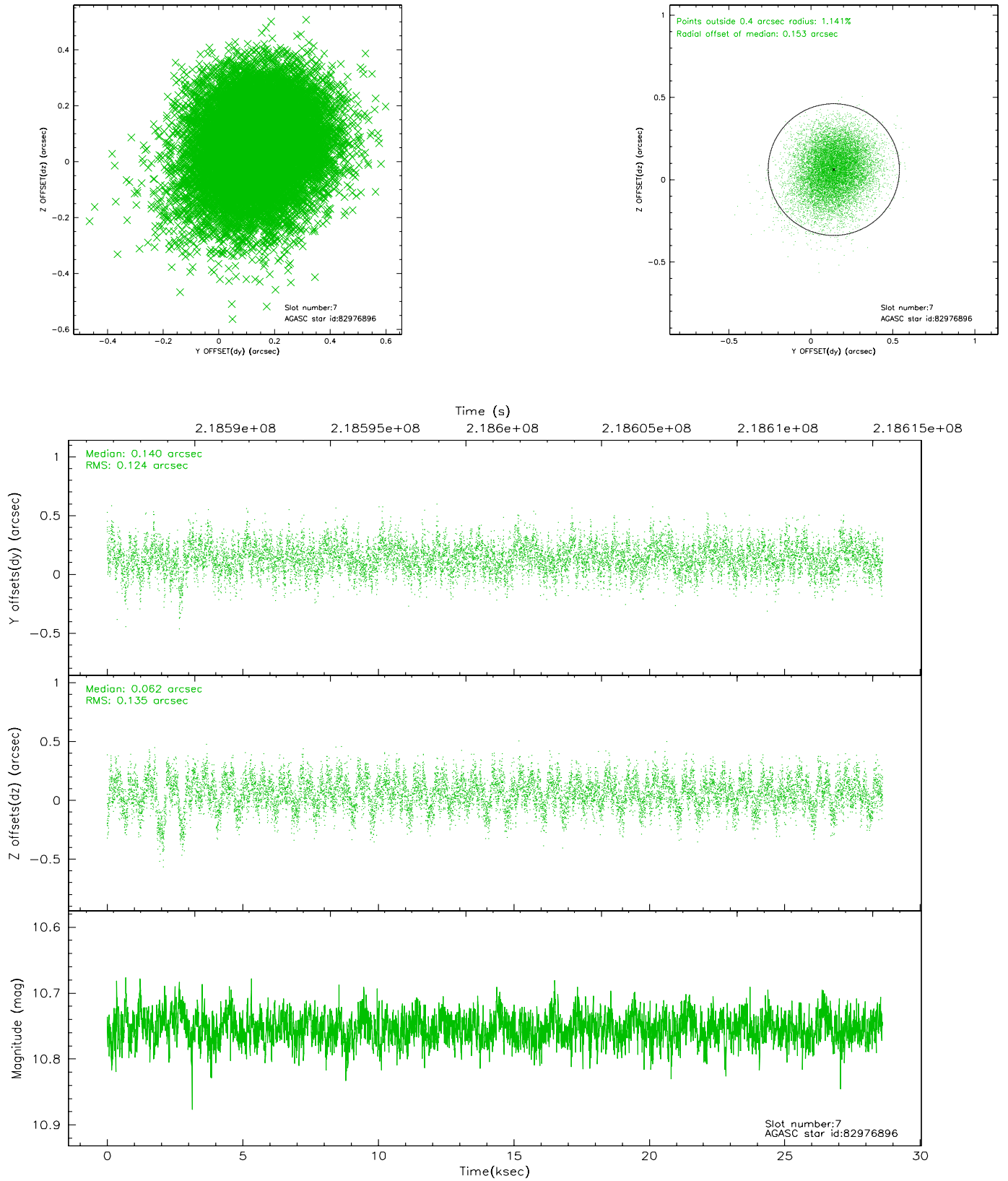
2.4.3 Slot 5



2.4.4 Slot 6

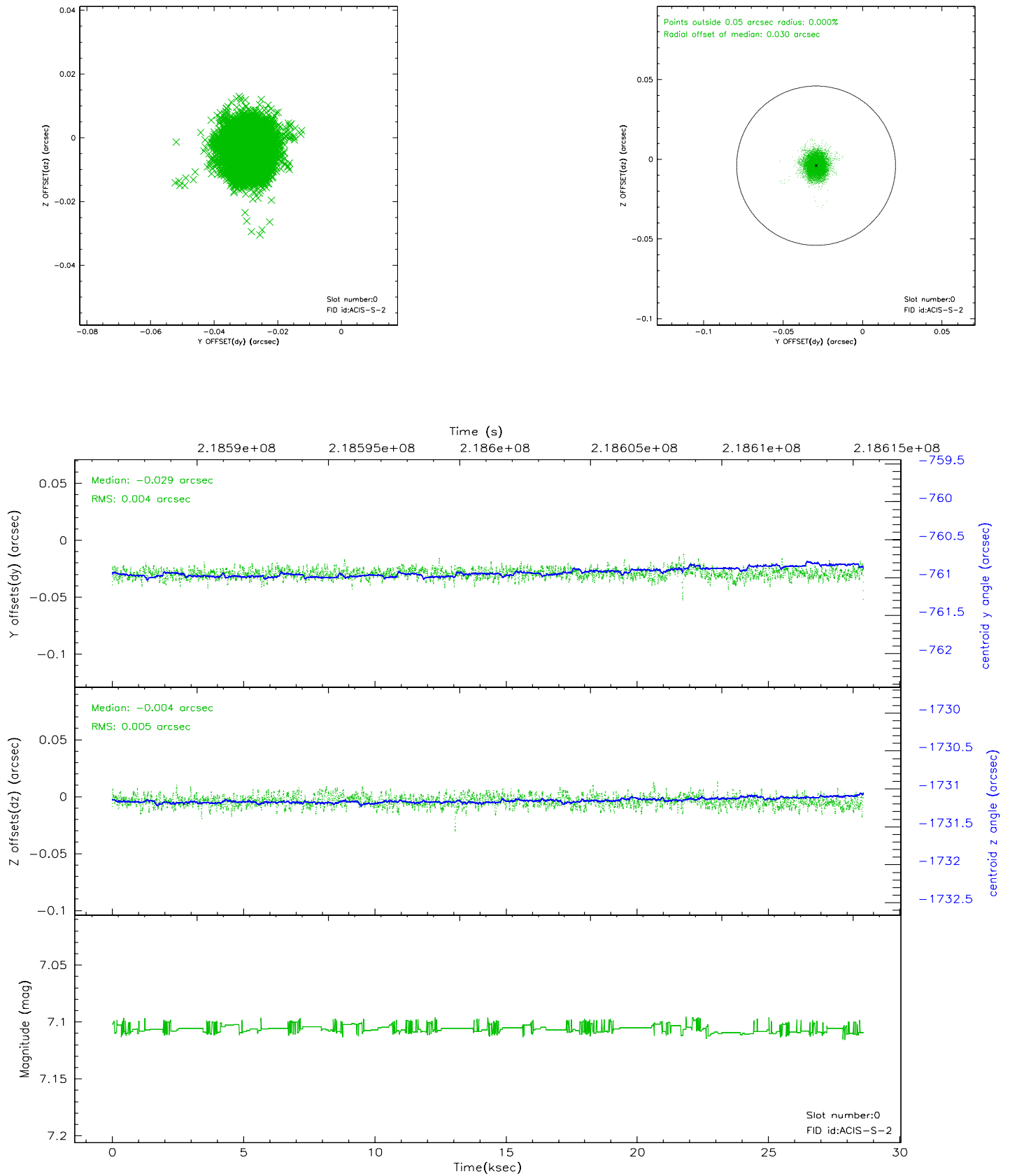


2.4.5 Slot 7

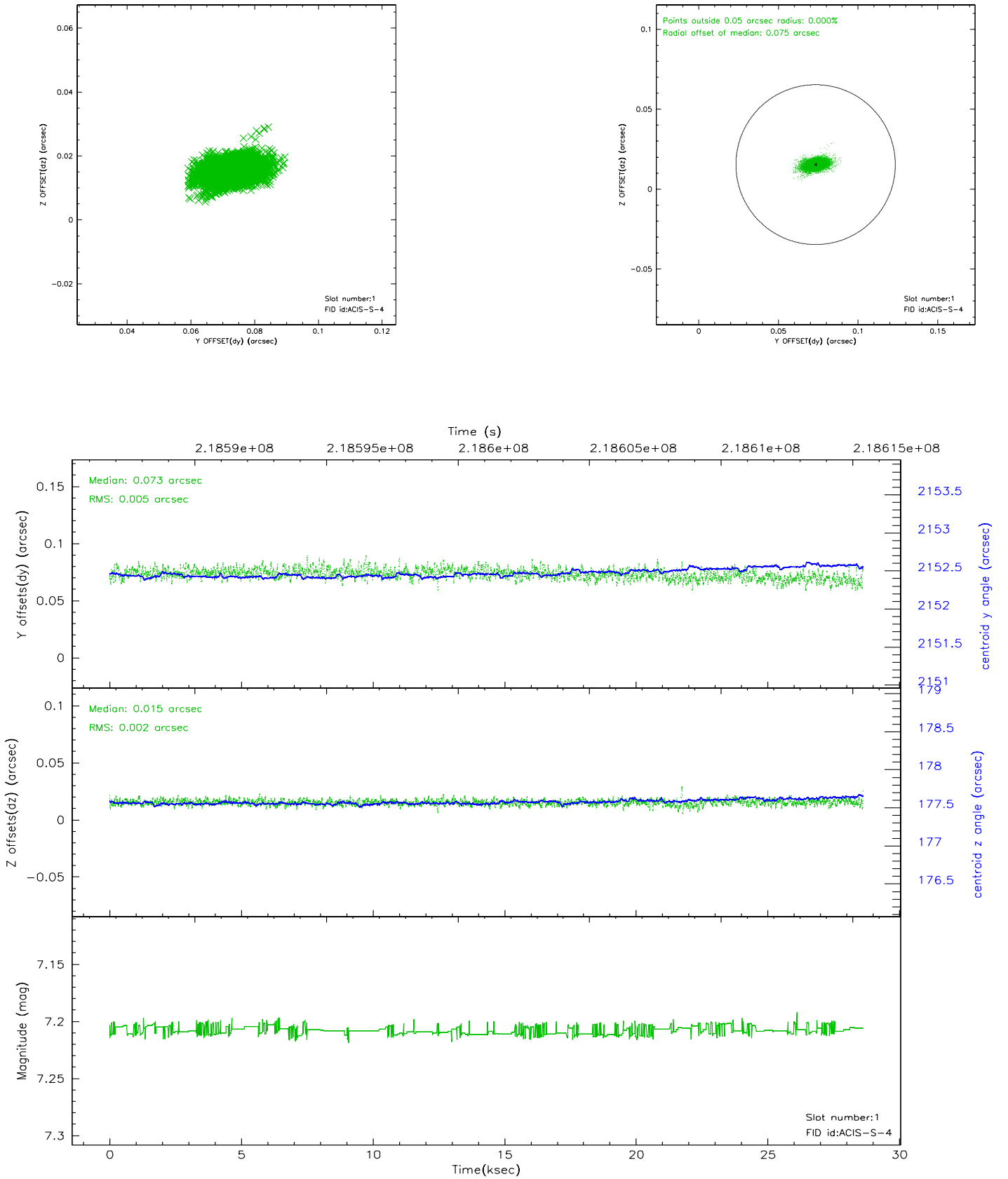


2.5 FID Slots

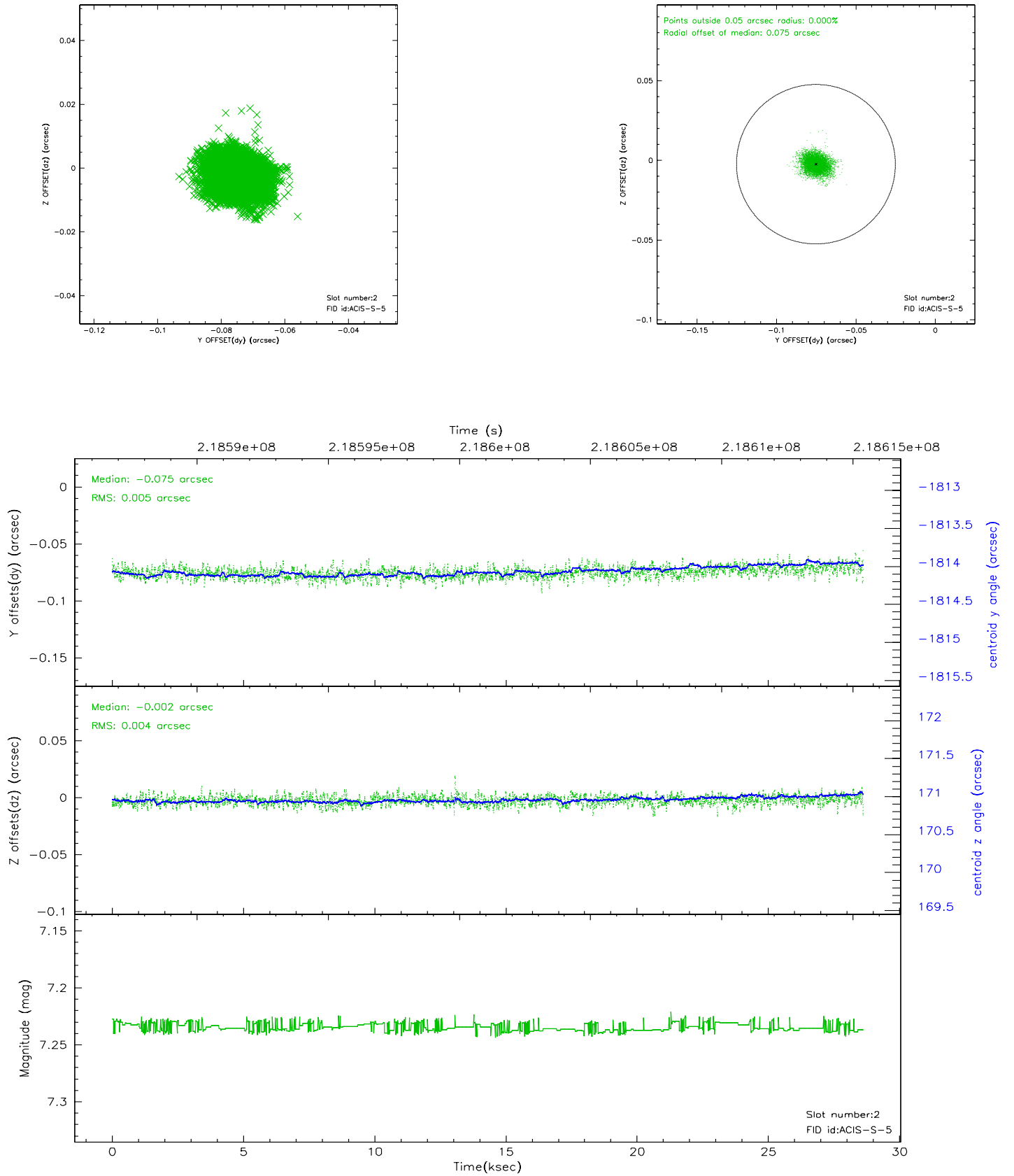
2.5.1 Slot 0



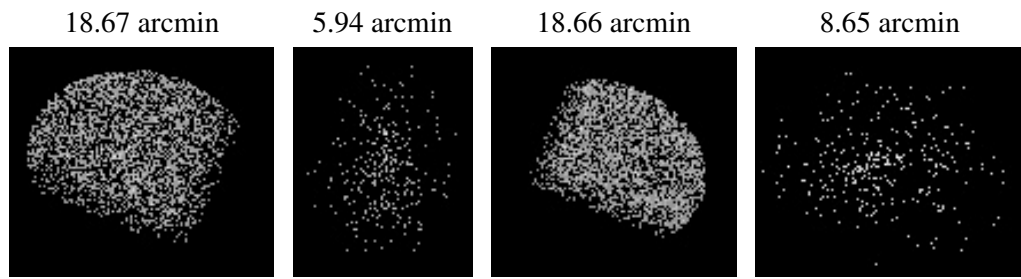
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.04.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	27.95519

A.2 Comments