

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 4926 - L2 Version 001
Chandra X-Ray Center

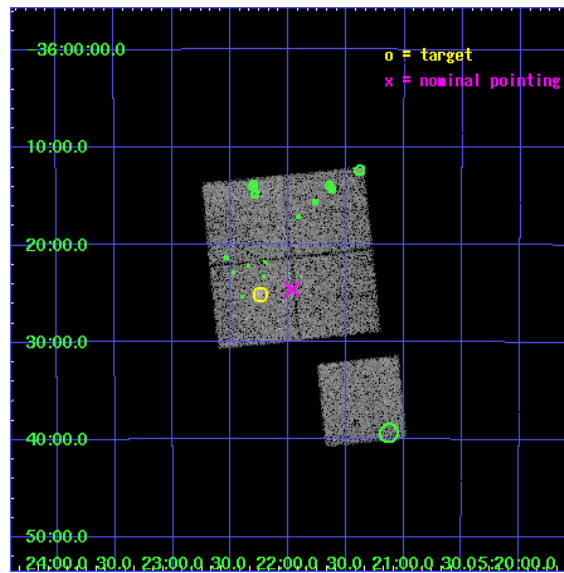
L2 Processing Date : May 23 2006

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Bias	3
2.1.3	Parameters	4
2.1.4	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
3	Point Sources	17
A	Summary	18
A.1	Status	18
A.2	Comments	18

1 Front

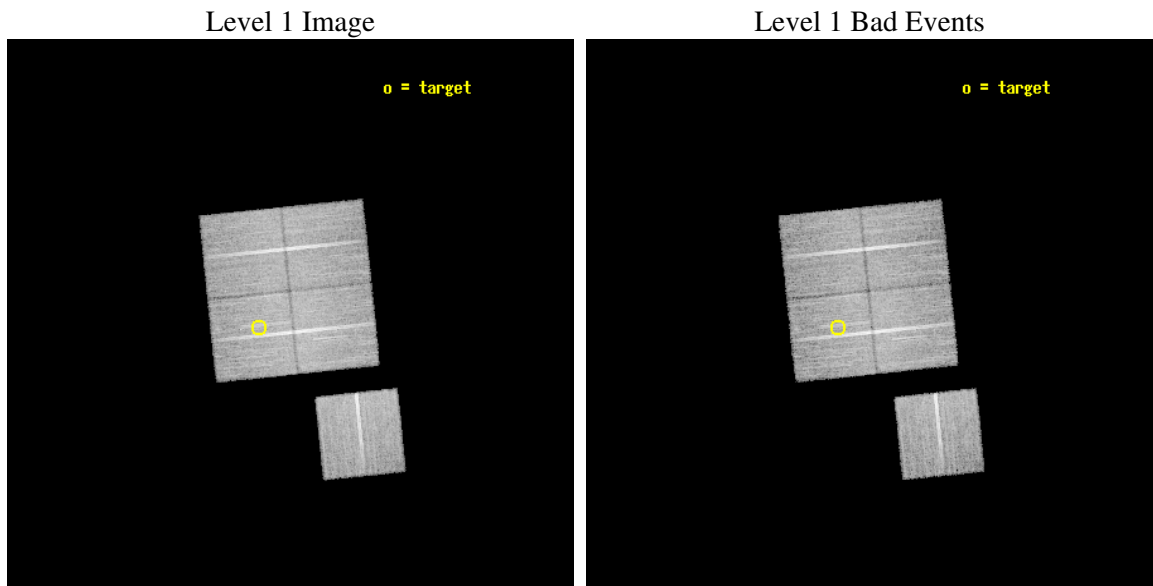
seq_num	800377
obs_id	4926
title	Chandra snapshot survey of 10 distant clusters of galaxies
observer	Dr. Stephen Murray
object	CL0522-3625
dtcycle	0
cycle	P
ra_targ	80.559167
dec_targ	-36.417778
ra_nom	80.492337645088
dec_nom	-36.410235575459
roll_nom	174.09445147157
revision	2
ontime	18767.359003663
livetime	18522.149641952
ontime0	18767.359003663
ontime1	18767.358973742
ontime2	18770.499963909
ontime3	18767.359003663
ontime6	18770.499963909
l2events	48751



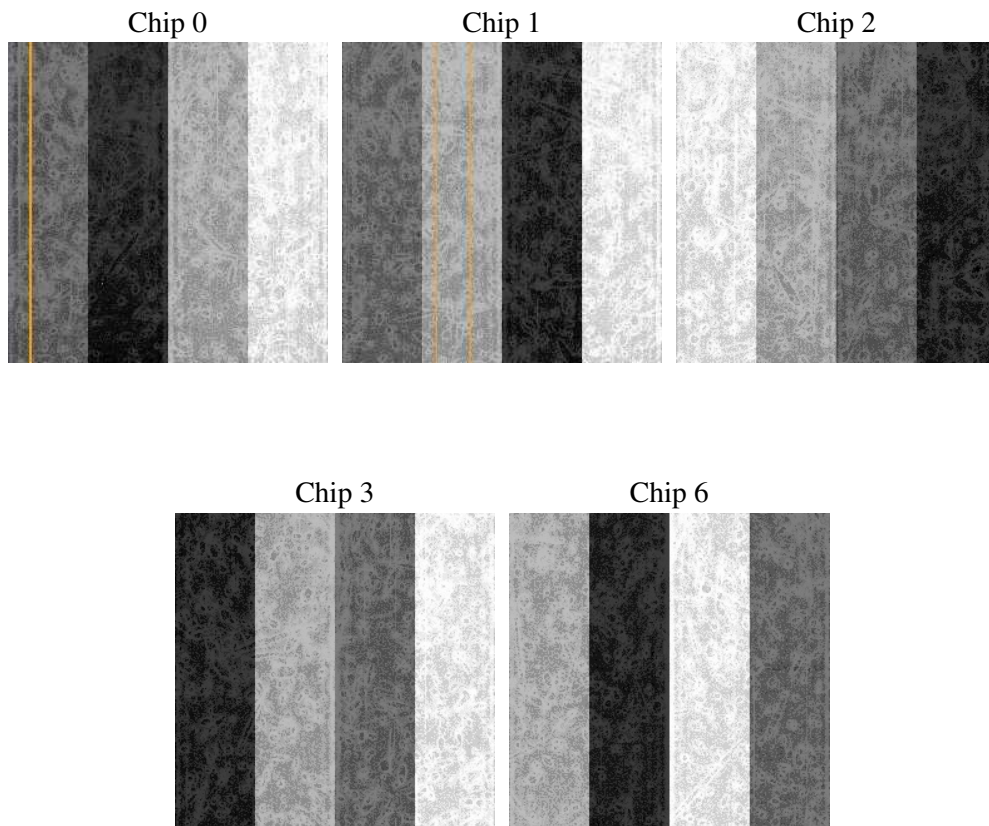
2 OBI

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	2006-05-23T11:17:38
revision	2

sched_exp_time	19000.000000
ontime	18773.767130882
ontime0	18773.767130882
ontime1	18773.76710096
ontime2	18776.908091128
ontime3	18773.767130882
ontime6	18776.908091128
llevents	584459

2.1.4 Events

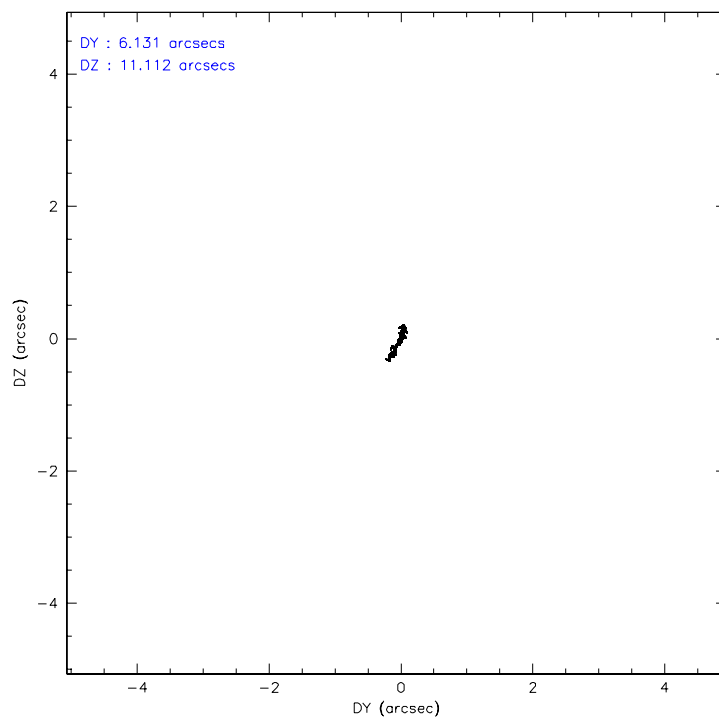
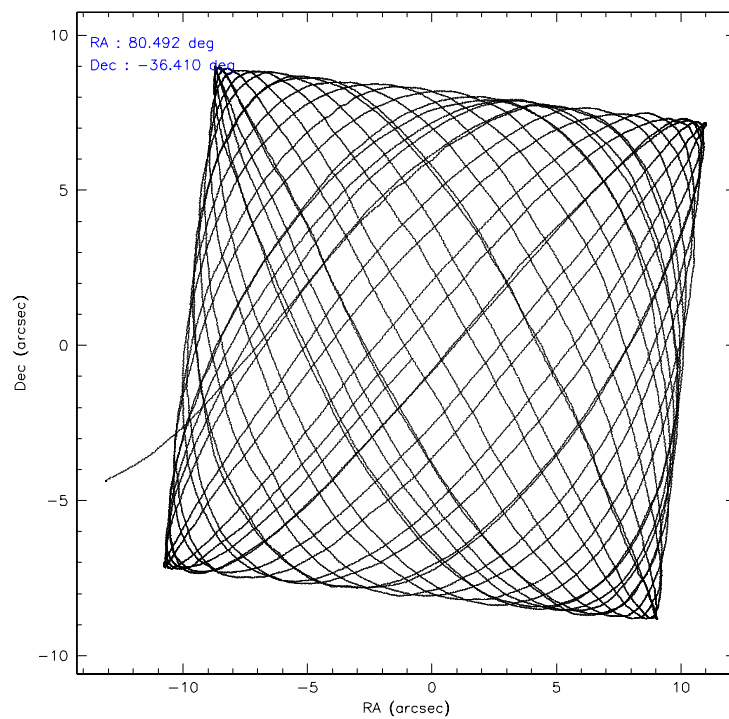
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	110480	111699	127590	119798	114892
rejected events	98775	98997	116558	108096	103429
rejected %	89%	88%	91%	90%	90%

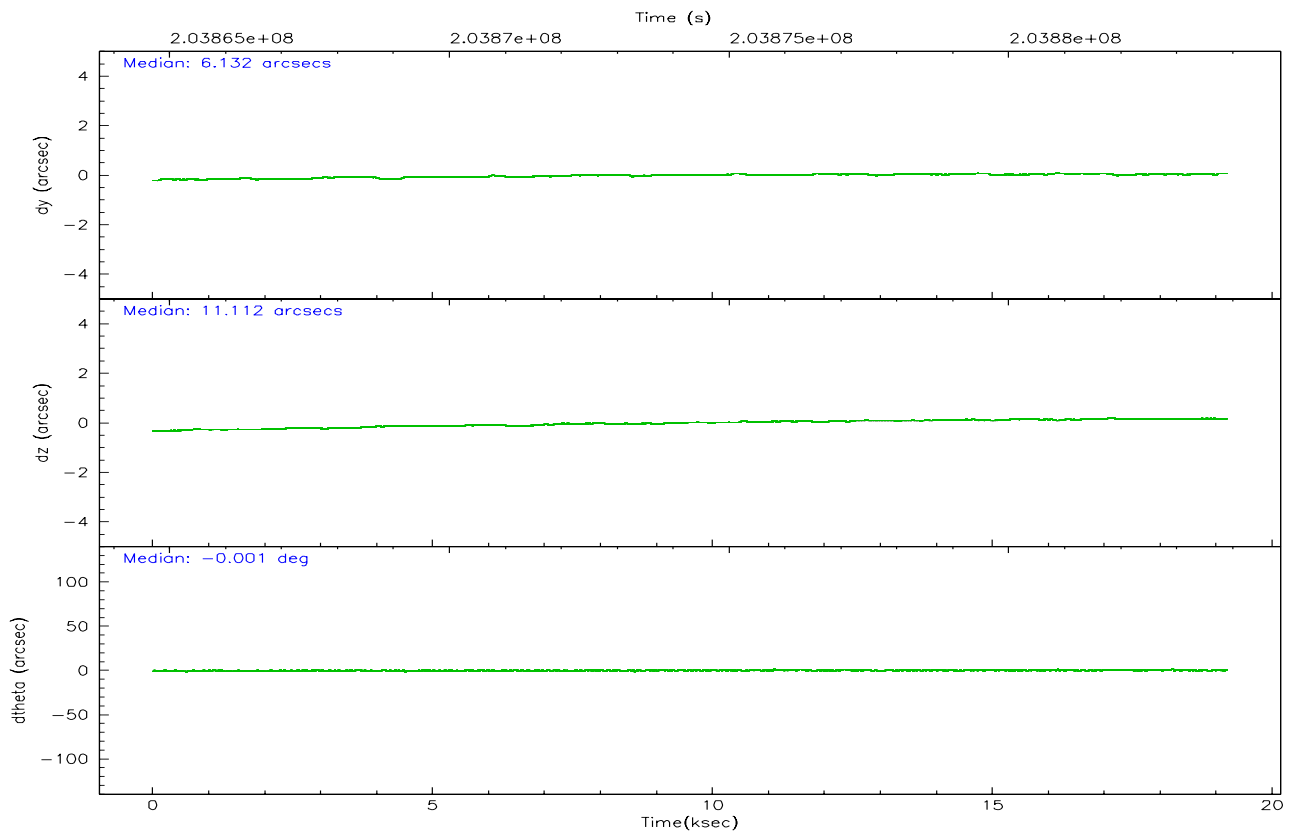
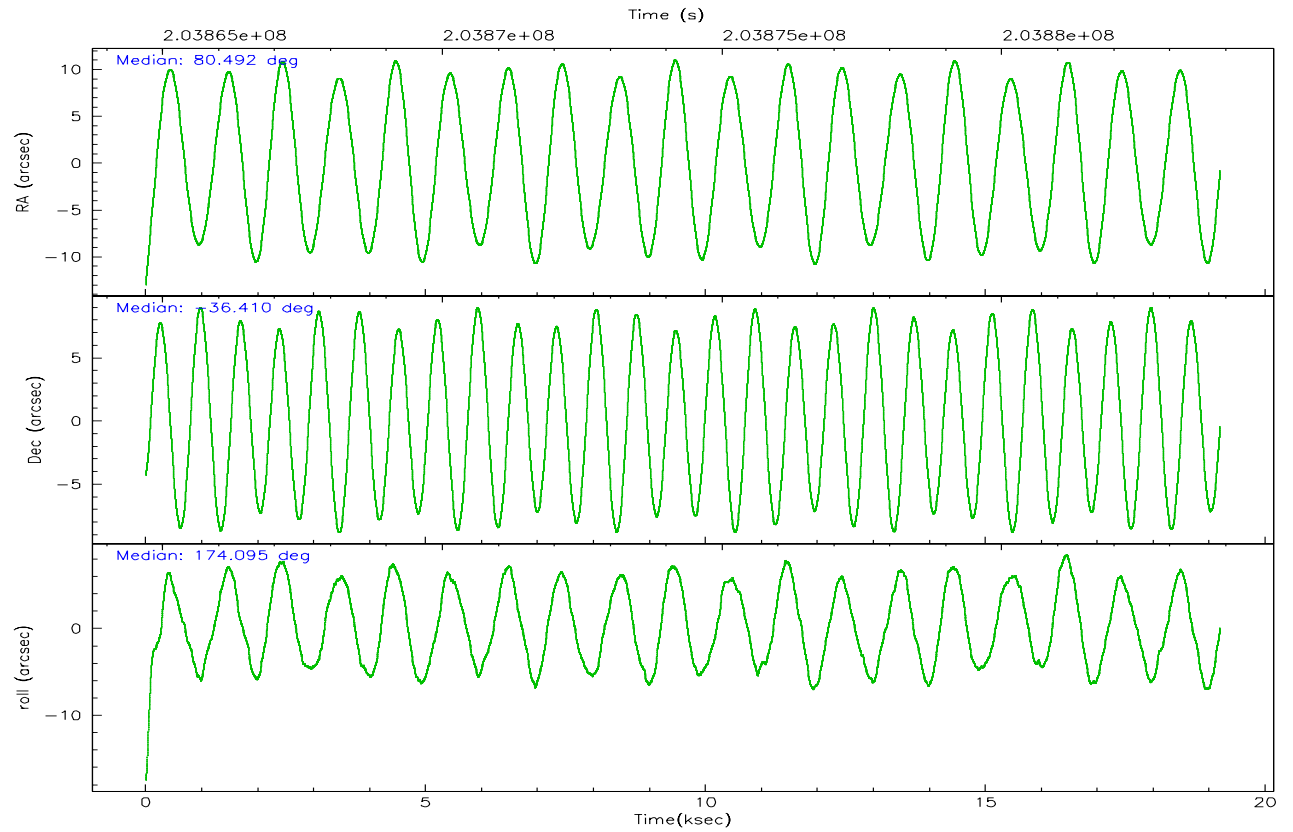
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	4068	4505	3896	4417	3879
	3%	4%	3%	3%	3%
grade 1 events	58	48	59	60	61
	0%	0%	0%	0%	0%
grade 2 events	2757	2783	2661	2481	2421
	2%	2%	2%	2%	2%
grade 3 events	1373	1450	1212	1326	1316
	1%	1%	0%	1%	1%
grade 4 events	1257	1465	1223	1330	1291
	1%	1%	0%	1%	1%
grade 5 events	4167	4537	3857	4452	4405
	3%	4%	3%	3%	3%
grade 6 events	2254	2501	2044	2153	2560
	2%	2%	1%	1%	2%
grade 7 events	94546	94410	112638	103579	98959
	85%	84%	88%	86%	86%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-01236	ACIS-01236	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	80.523345	80.49233764508813	Alternating exposures requested	N	N
Pointing Dec	-36.398950	-36.41023557545862	Primary exposure time	0.000000	3.1
Pointing Roll	173.904170	174.0944514715666			
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-225.840463	-225.8458576473255			
SIM translation stage offset (mm)	-7.752	-7.746595355604228			
Observation start time	203864901.184000	203864291.89993			
Observation start date	2004-06-17T13:07:17	2004-06-17T12:58:11			
Observation end time	203883901.184000	203885434.06337			
Observation end date	2004-06-17T18:23:57	2004-06-17T18:50:34			
Read mode	TIMED	TIMED			

2.3 Aspect



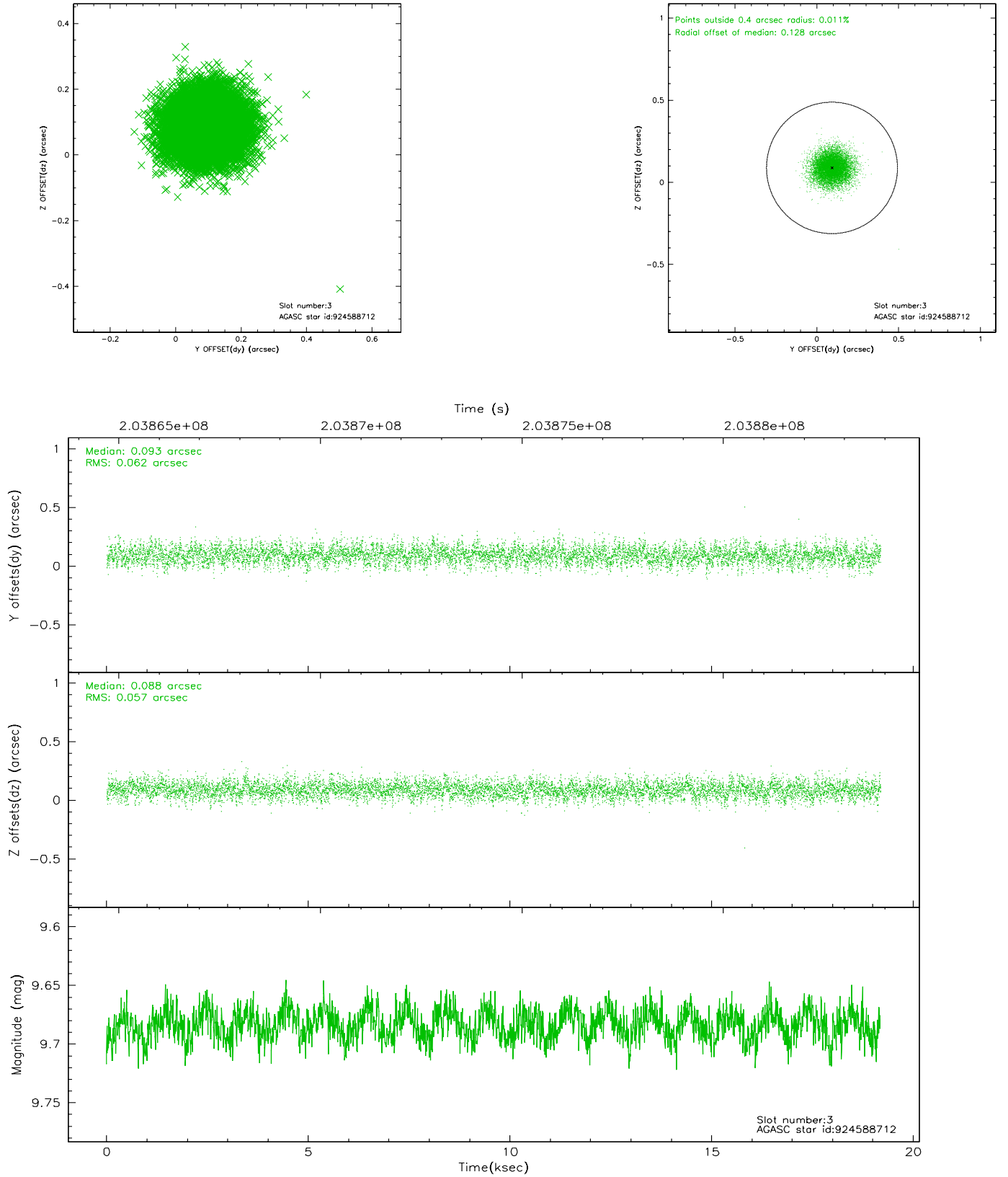


Slot Statistics

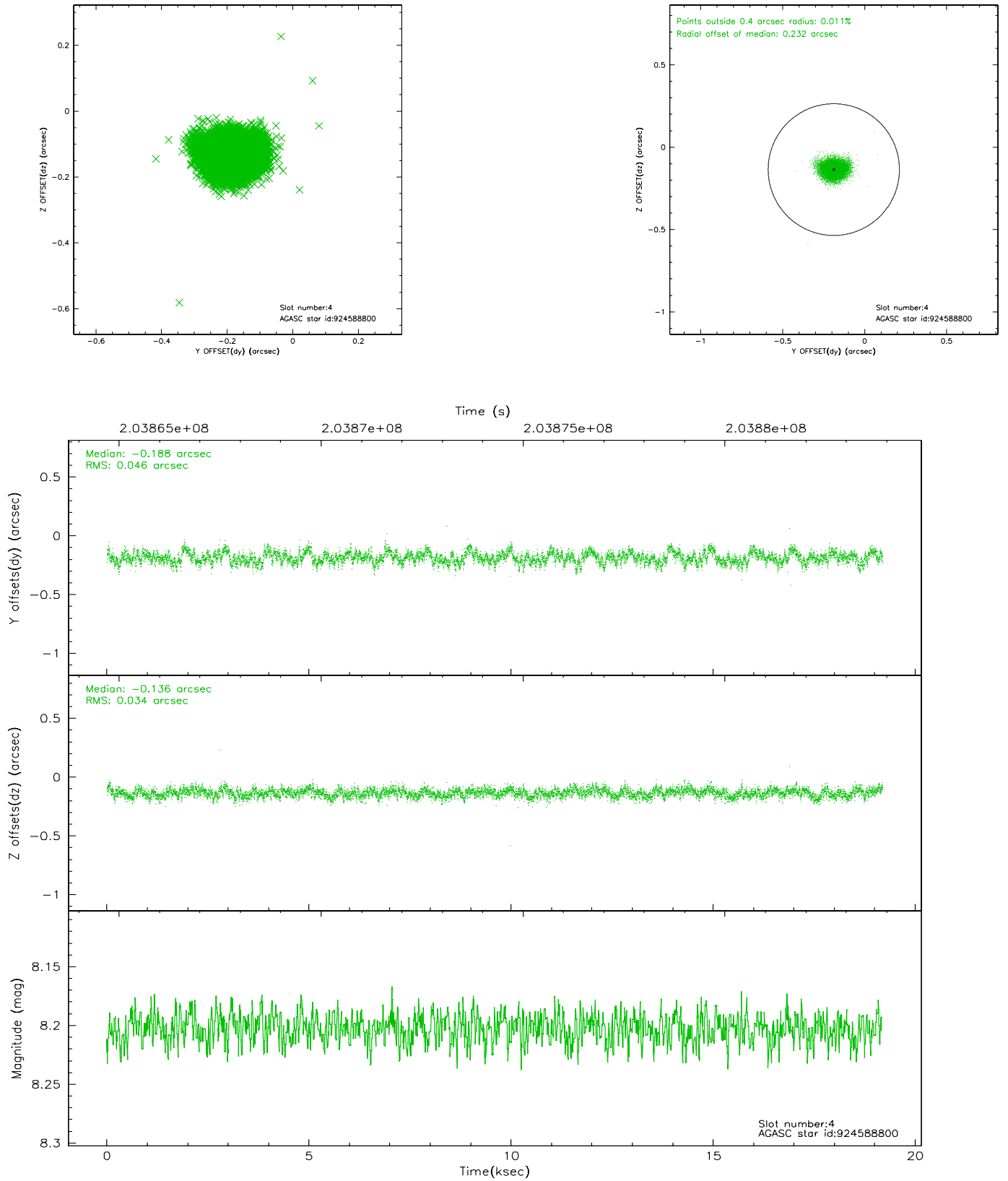
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.23	4680	0.095	-0.069	0.007	0.012	0.000000	0.000000	933.53	-993.70
1	FID	ACIS-I-5	7.22	4681	-0.189	0.100	0.007	0.011	0.000000	0.000000	-1814.71	903.87
2	FID	ACIS-I-6	7.25	4680	0.002	0.040	0.008	0.013	0.000000	0.000000	398.81	1548.51
3	GUIDE	924588712	9.68	9352	0.093	0.088	0.090	0.144	79.759627	-36.739722	2059.57	1462.47
4	GUIDE	924588800	8.20	9363	-0.188	-0.136	0.060	0.098	79.855531	-36.745092	1782.43	1450.51
5	GUIDE	924592688	9.87	9349	0.067	0.006	0.114	0.183	79.756855	-36.959479	1977.43	2249.78
6	GUIDE	924598512	8.16	9357	0.016	0.112	0.055	0.088	80.814637	-36.371896	-829.34	-184.71
7	GUIDE	926288656	8.05	9360	0.011	-0.064	0.066	0.108	81.320723	-36.495523	-2332.75	110.28

2.4 Star Slots

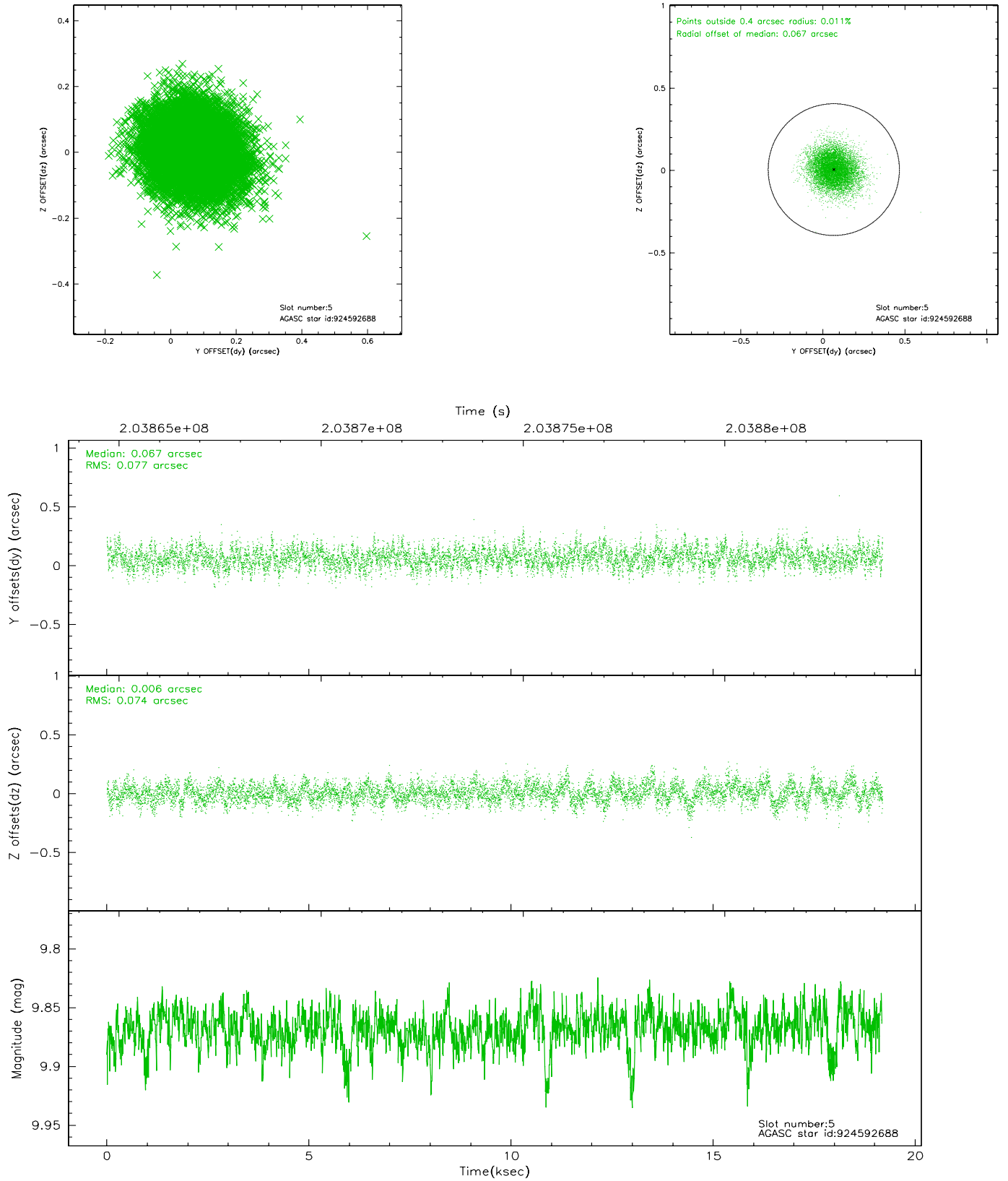
2.4.1 Slot 3



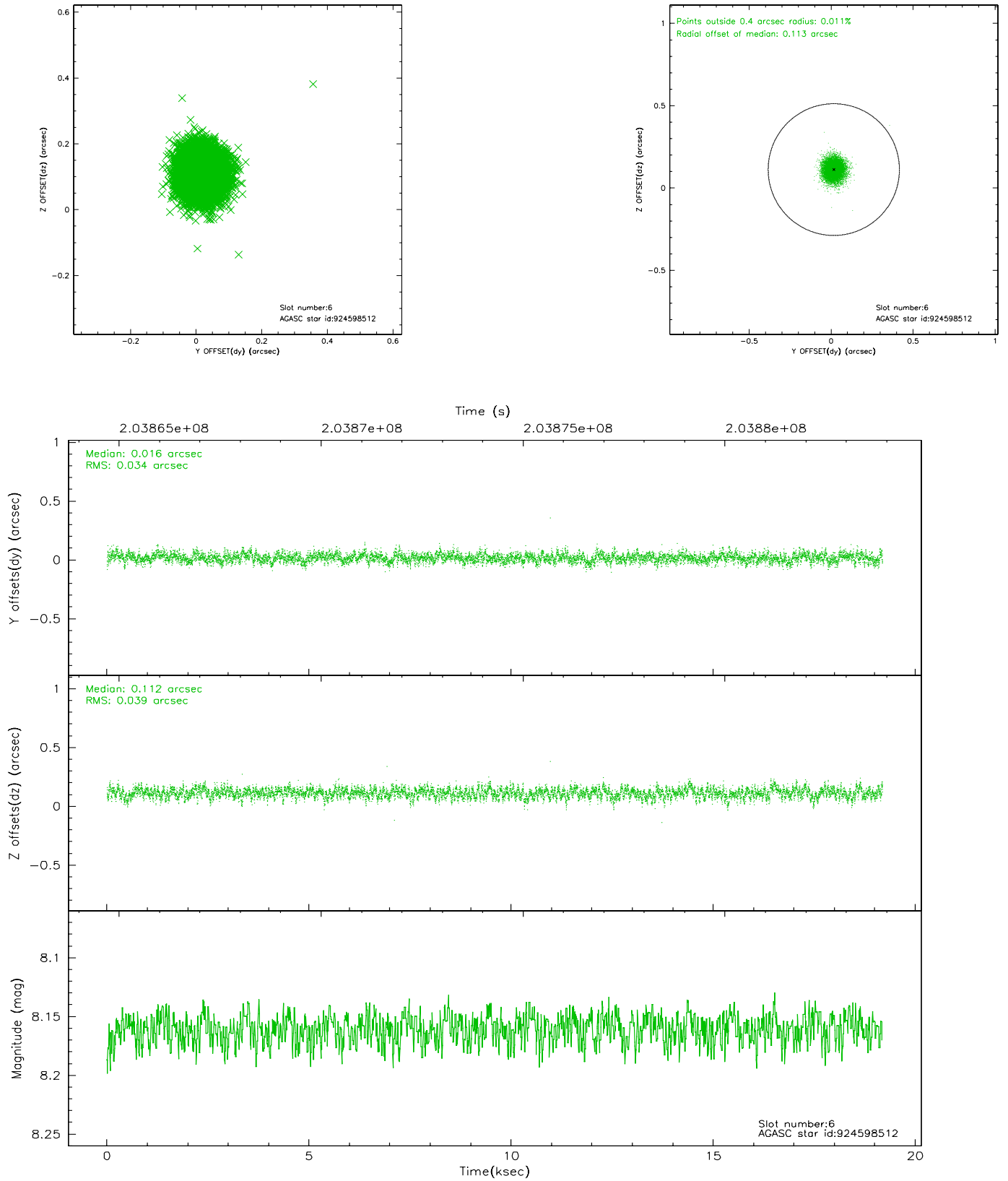
2.4.2 Slot 4



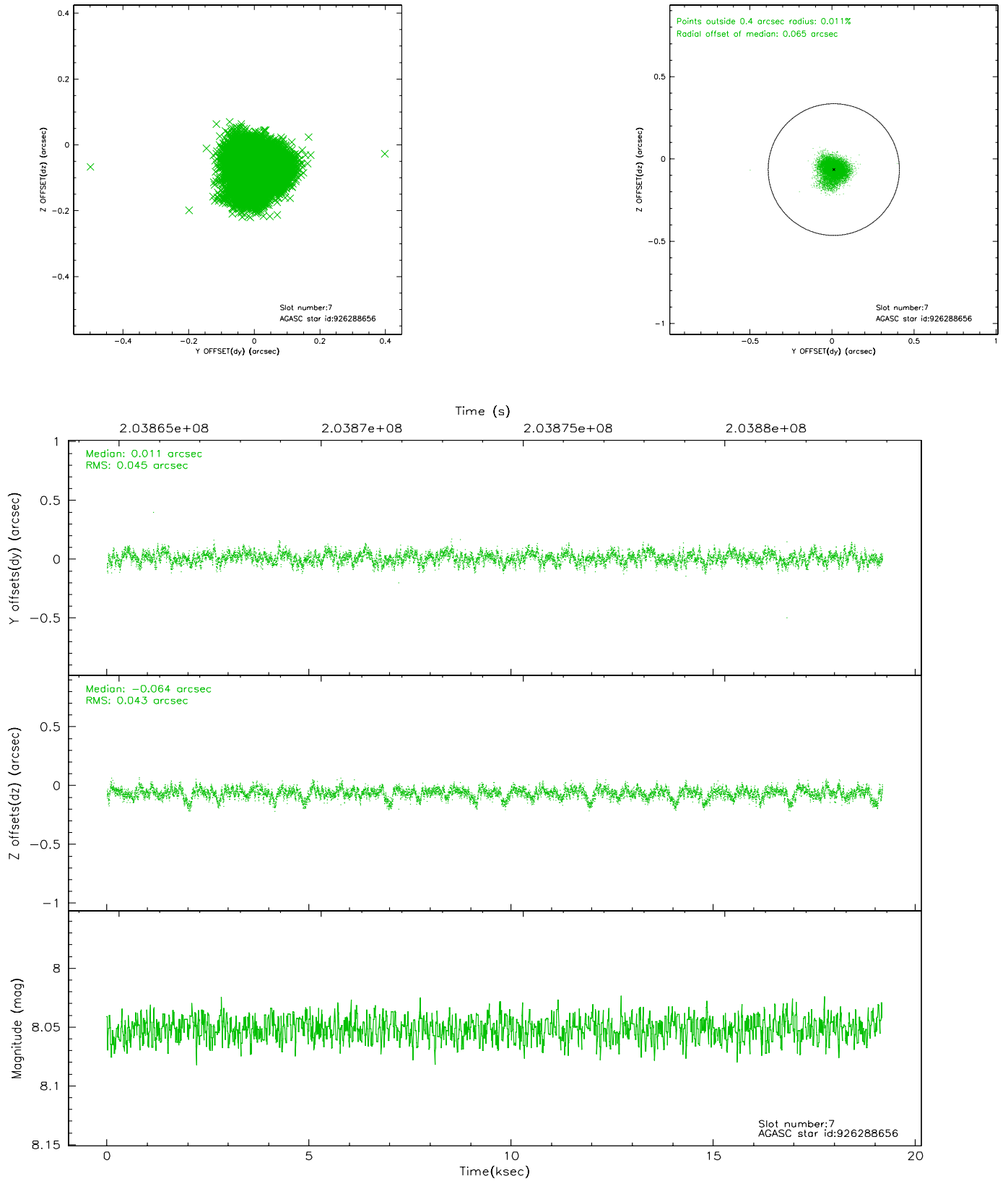
2.4.3 Slot 5



2.4.4 Slot 6

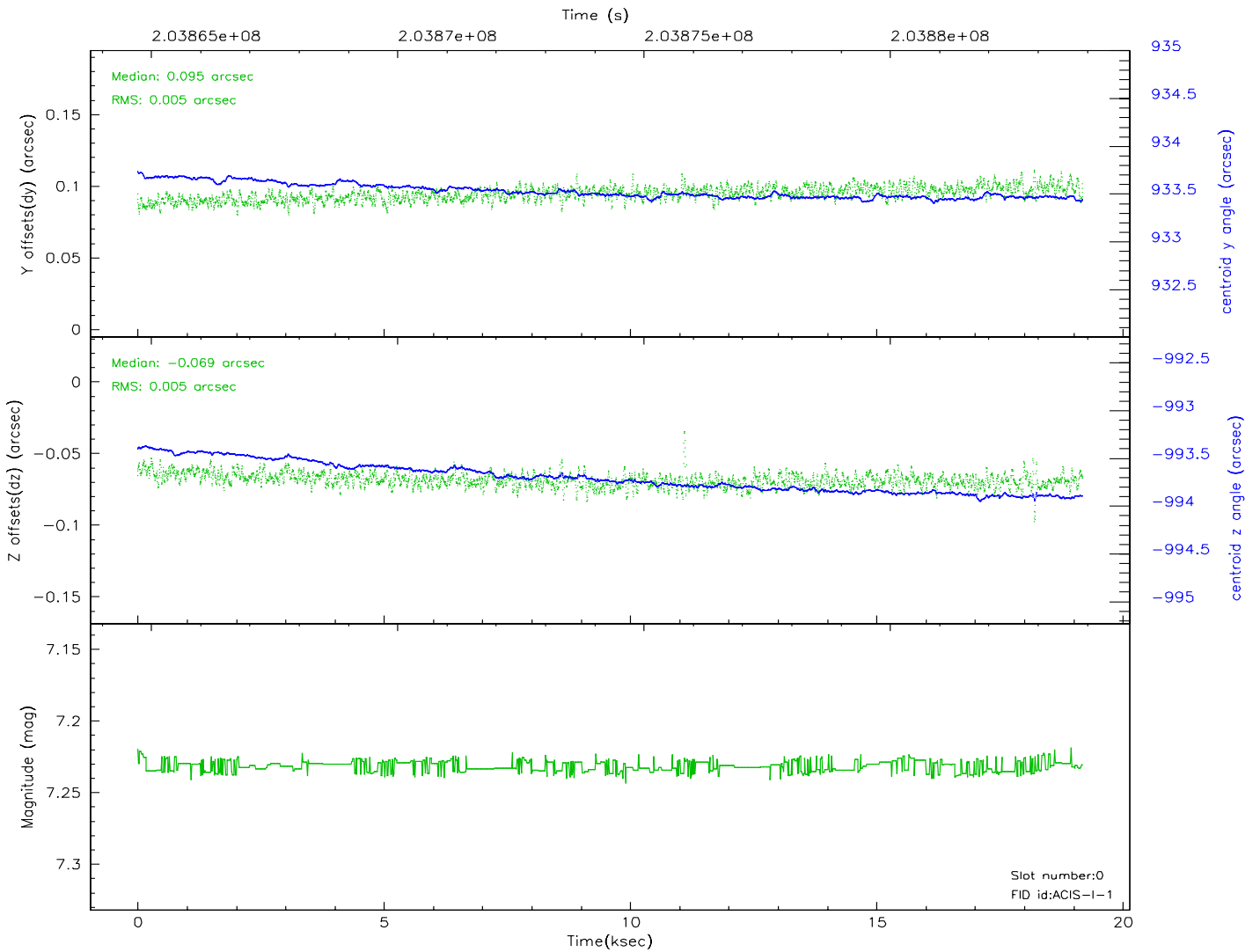
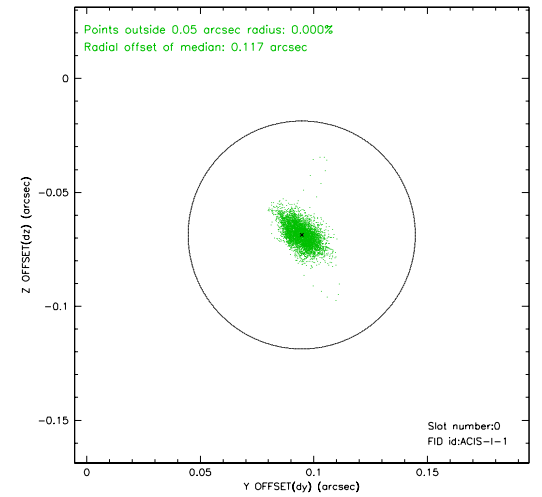
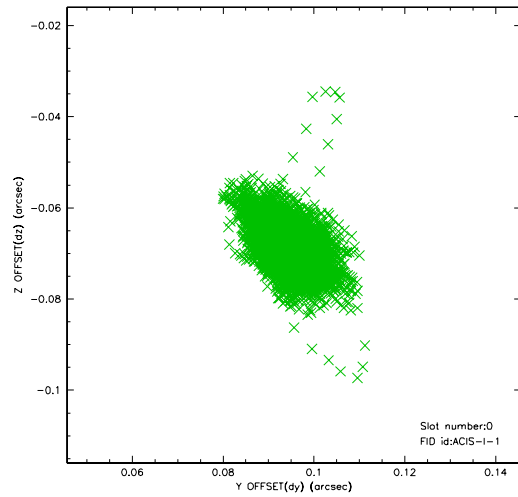


2.4.5 Slot 7

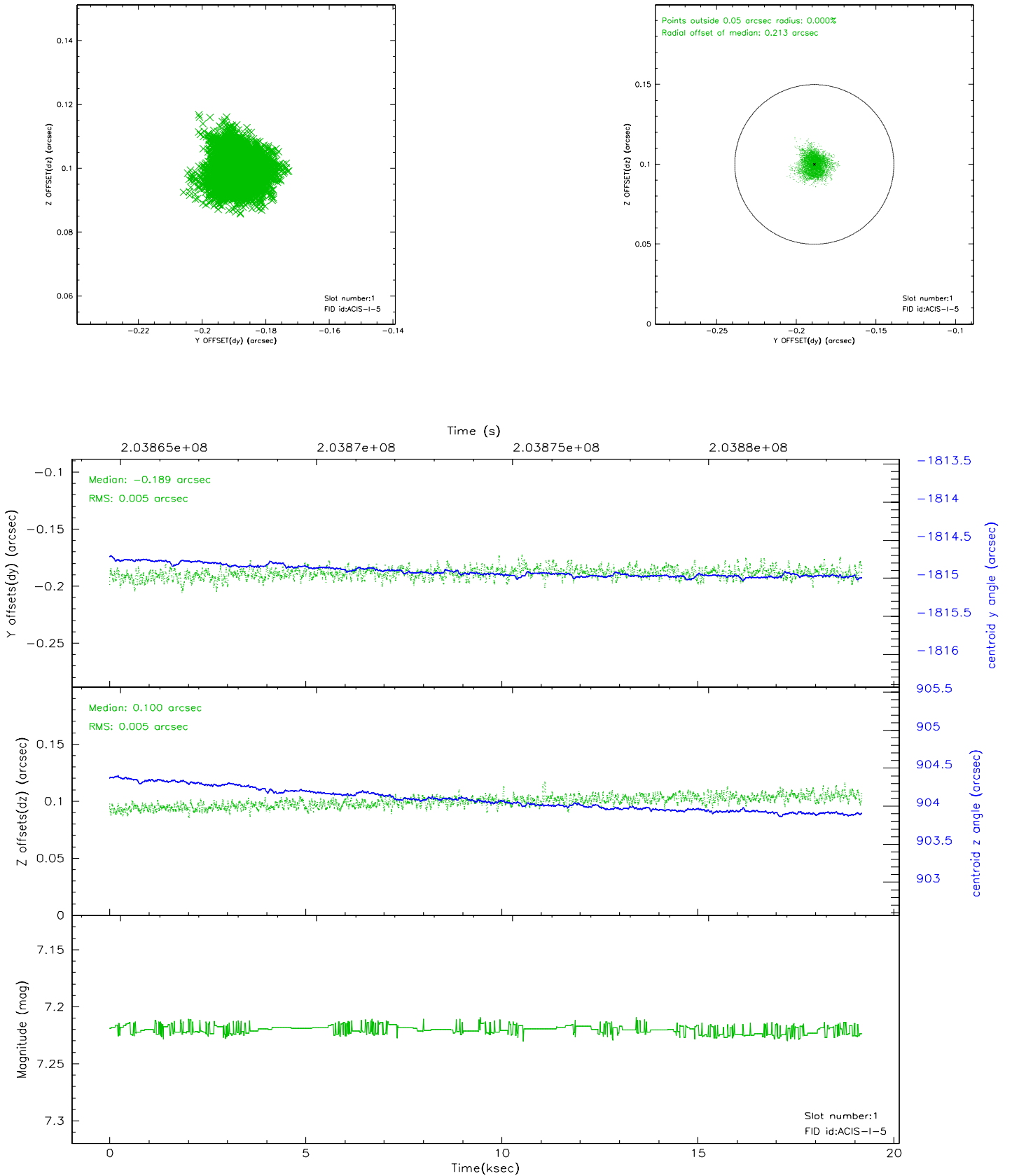


2.5 FID Slots

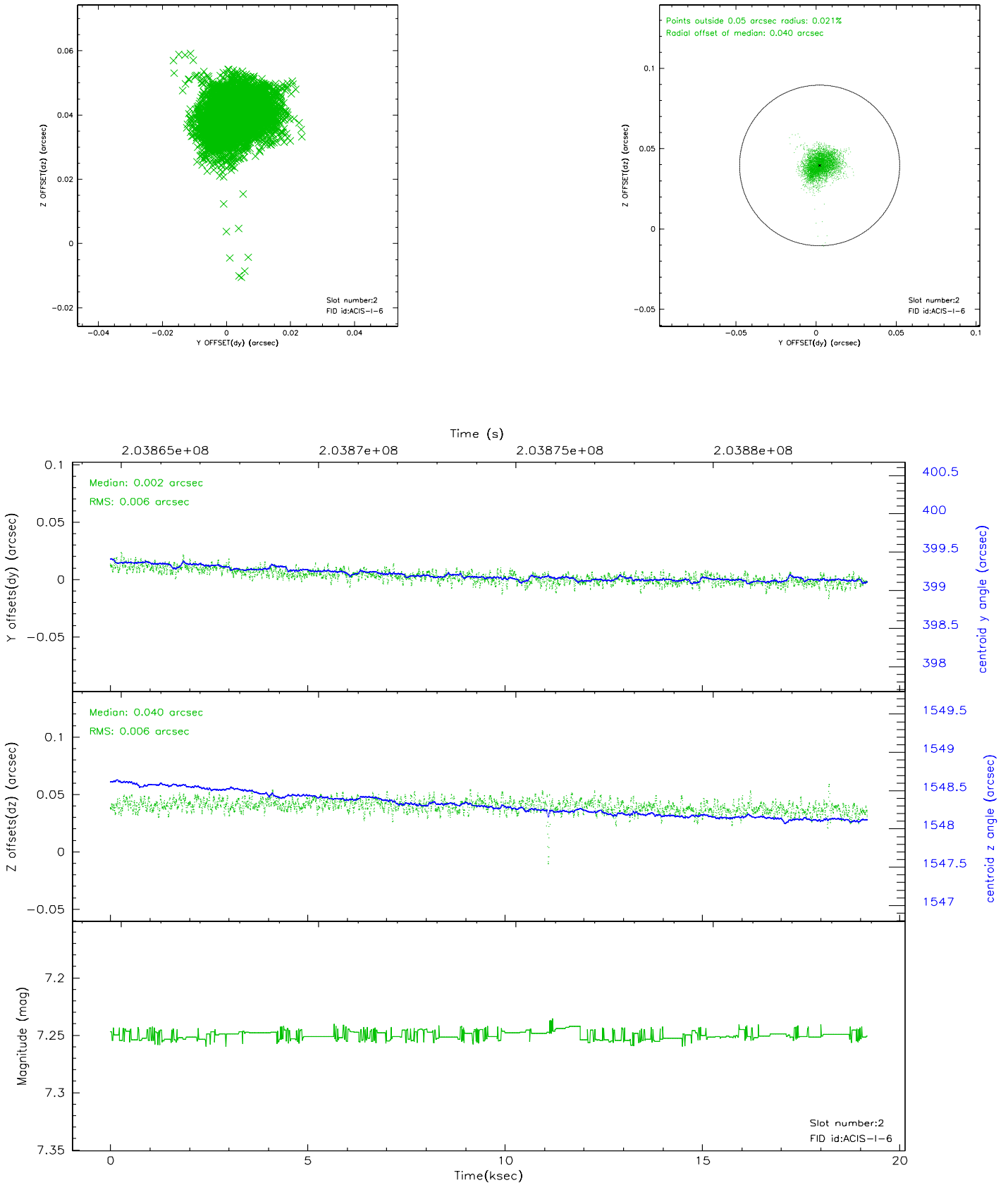
2.5.1 Slot 0



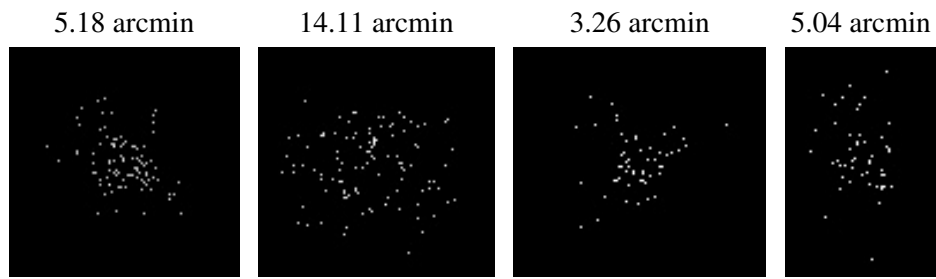
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.05.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	18.77

A.2 Comments