

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 6171 - L2 Version 002
Chandra X-Ray Center

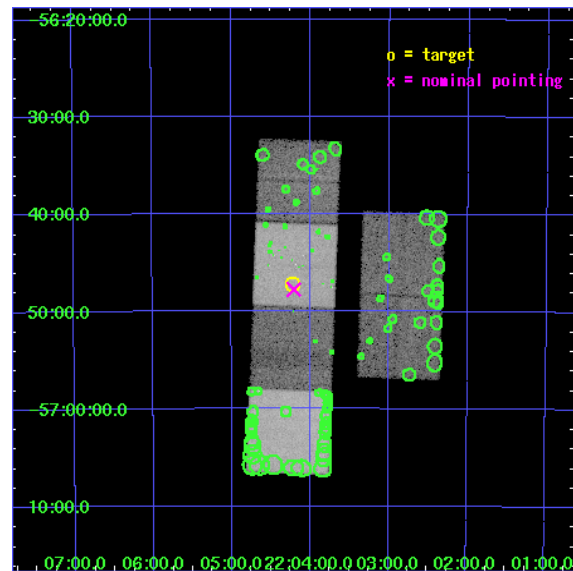
L2 Processing Date : Apr 8 2006

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1 Front

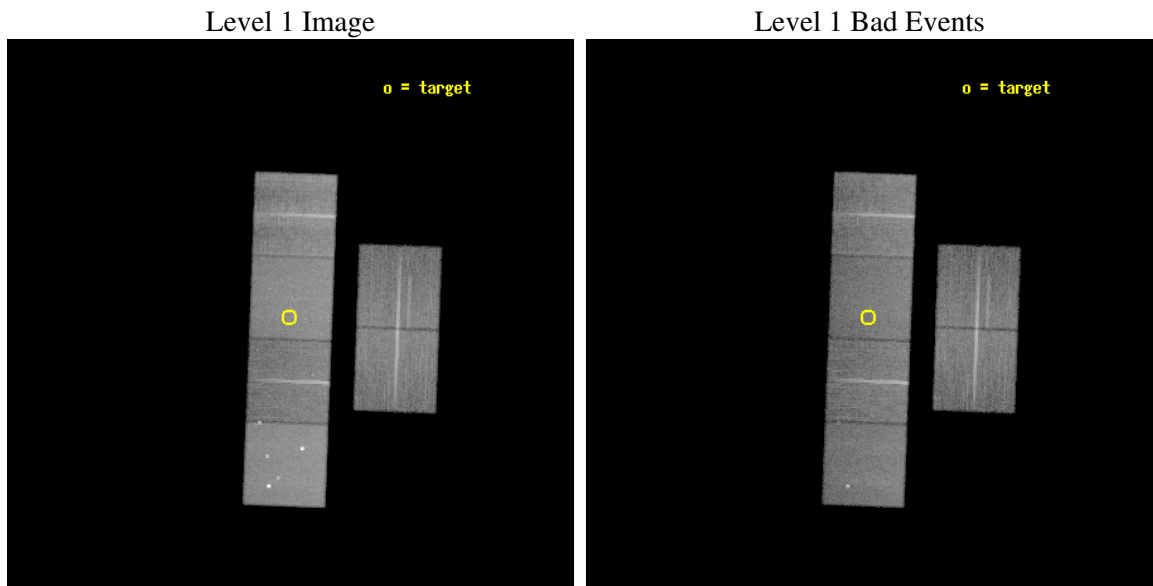
seq_num	200254
obs_id	6171
title	A DEEP LOOK AT THE NEAREST BROWN DWARF: EPSILON INDI B, A T2.5 DWARF
observer	Dr Marc Audard
object	EPSILON INDI B
dtcycle	0
cycle	P
ra_targ	331.054167
dec_targ	-56.78625
ra_nom	331.05171058424
dec_nom	-56.795828115136
roll_nom	272.15456170599
revision	2
ontime	23647.999911904
livetime	23348.554697904
ontime2	23644.75904116
ontime3	23647.999911904
ontime5	23647.999911904
ontime6	23647.999911904
ontime7	23647.999911904
ontime8	23644.759071141
l2events	288877



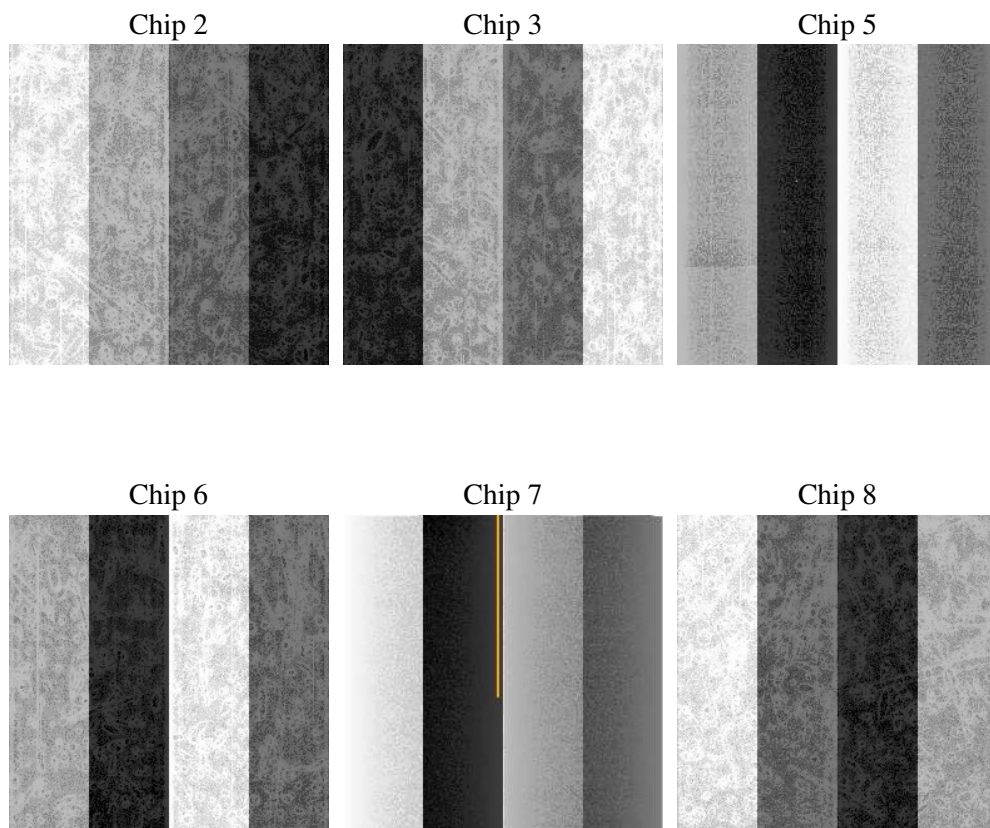
2 OBI

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	2006-04-08T14:18:54
revision	2

sched_exp_time	23500.000000
ontime	23873.225393832
ontime2	23869.98450315
ontime3	23873.225373894
ontime5	23873.225373894
ontime6	23873.225373894
ontime7	23873.225393832
ontime8	23869.984533131
l1events	1317585

2.1.4 Events

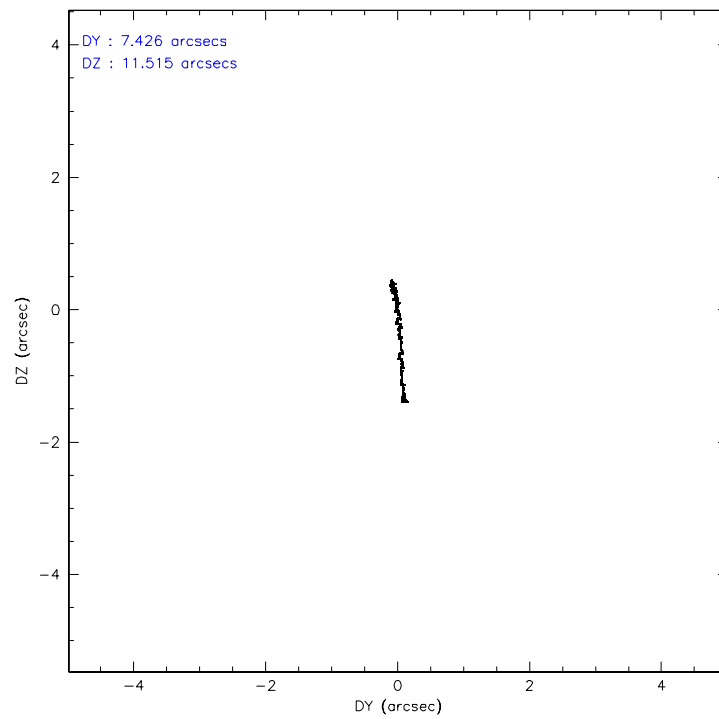
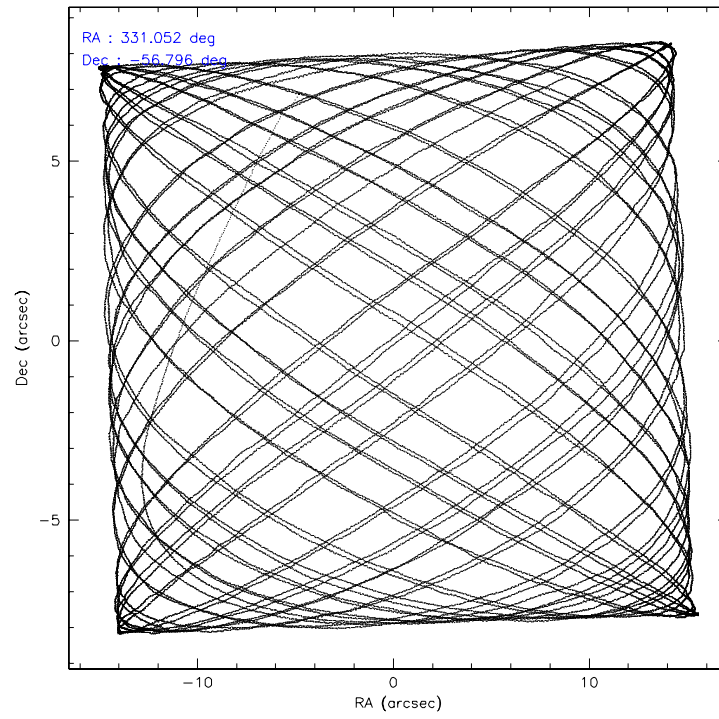
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	189593	174498	282825	183063	246750	240856
rejected events	166365	152600	154592	159844	152149	184468
rejected %	87%	87%	54%	87%	61%	76%

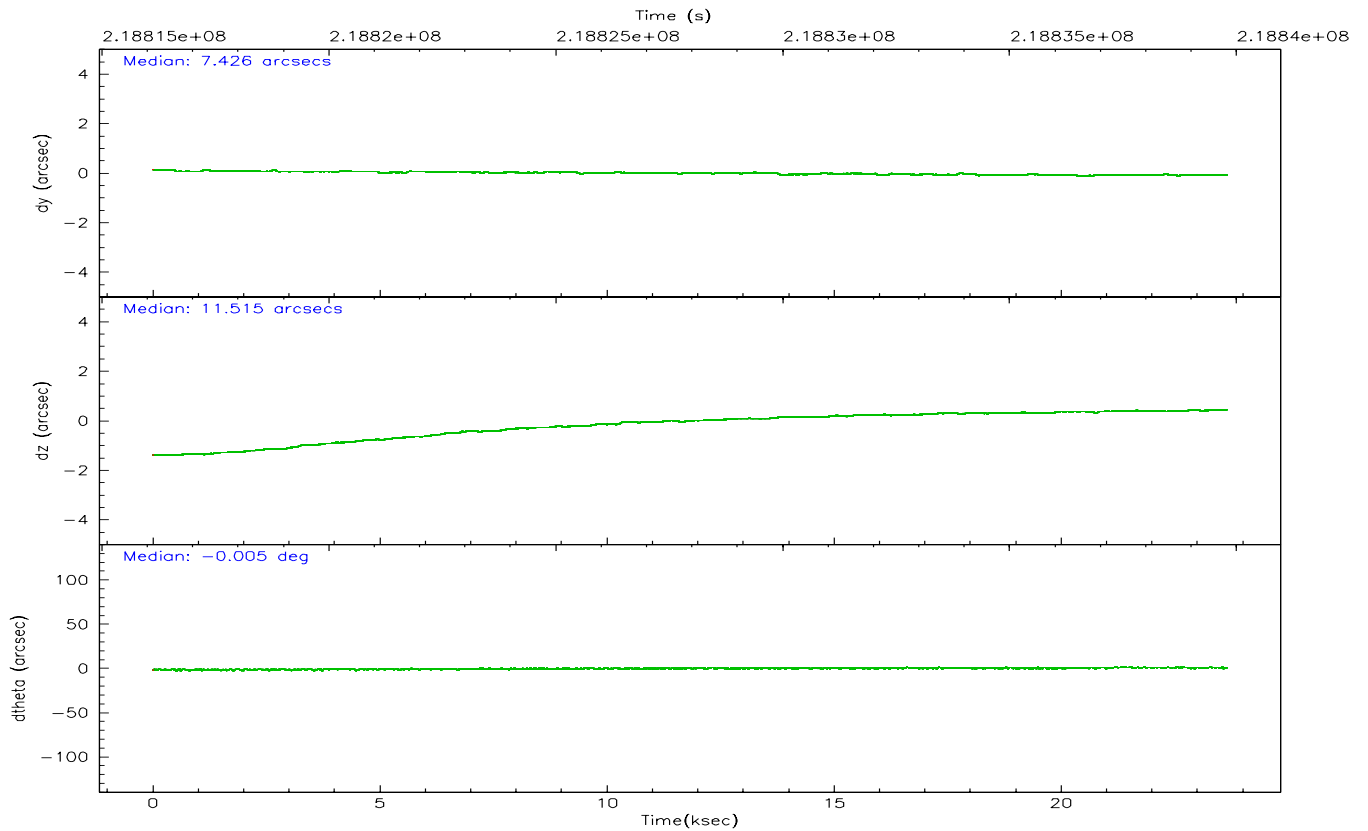
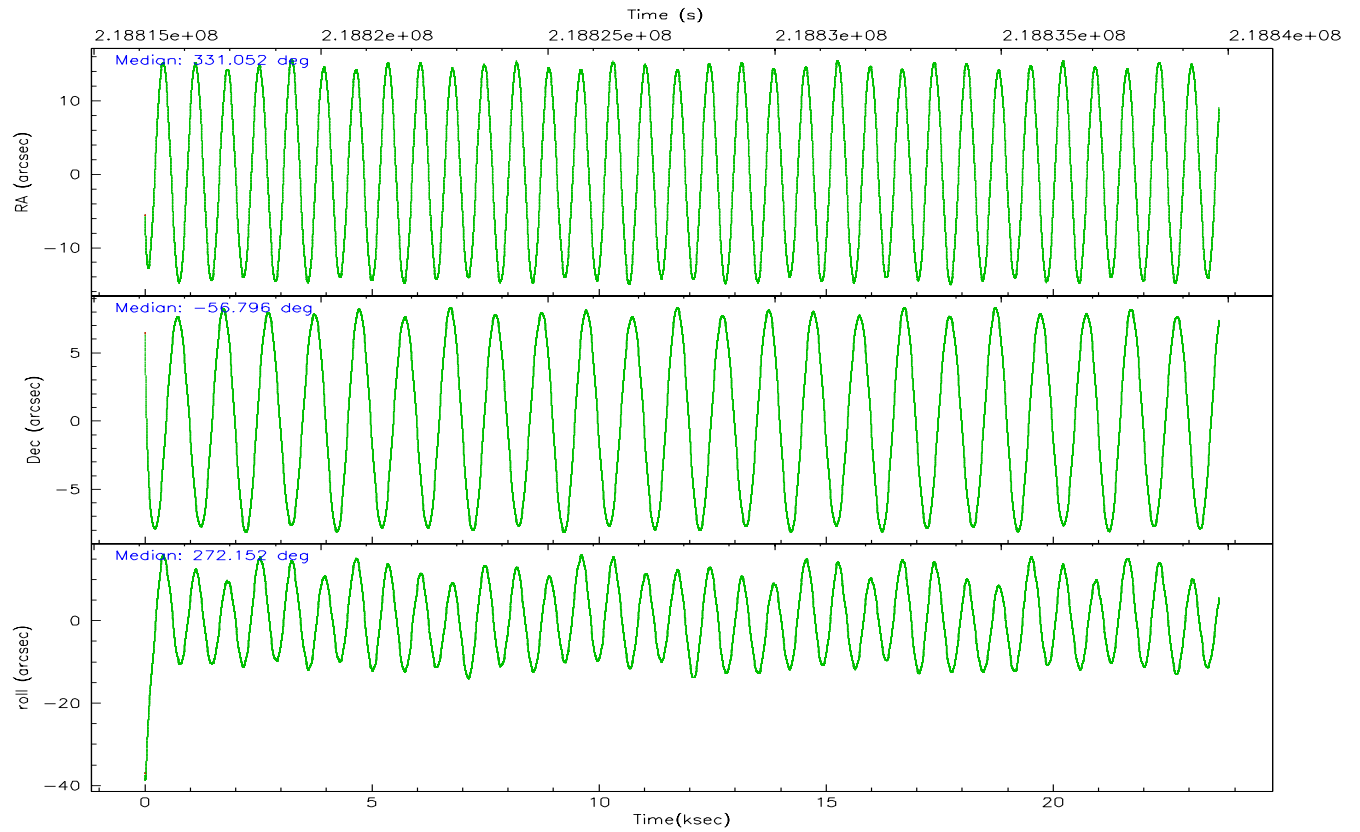
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	10547	9598	16004	9305	5854	19624
	5%	5%	5%	5%	2%	8%
grade 1 events	133	123	1570	105	159	183
	0%	0%	0%	0%	0%	0%
grade 2 events	5021	4605	38862	5195	23932	11745
	2%	2%	13%	2%	9%	4%
grade 3 events	2039	2033	2777	2116	4863	6397
	1%	1%	0%	1%	1%	2%
grade 4 events	1995	2003	2667	2111	4554	5844
	1%	1%	0%	1%	1%	2%
grade 5 events	7096	7843	13049	8172	16054	10869
	3%	4%	4%	4%	6%	4%
grade 6 events	3802	3894	69106	4702	56245	13396
	2%	2%	24%	2%	22%	5%
grade 7 events	158960	144399	138790	151357	135089	172798
	83%	82%	49%	82%	54%	71%

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	331.024726	331.0517105842363	Alternating exposures requested	N	N
Pointing Dec	-56.772968	-56.79582811513585	Primary exposure time	0.000000	3.2
Pointing Roll	271.975376	272.1545617059861			
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	218816286.184000	218815119.89201			
Observation start date	2004-12-07T14:17:02	2004-12-07T13:58:39			
Observation end time	218839786.184000	218841093.39318			
Observation end date	2004-12-07T20:48:42	2004-12-07T21:11:33			
Read mode	TIMED	TIMED			

2.3 Aspect



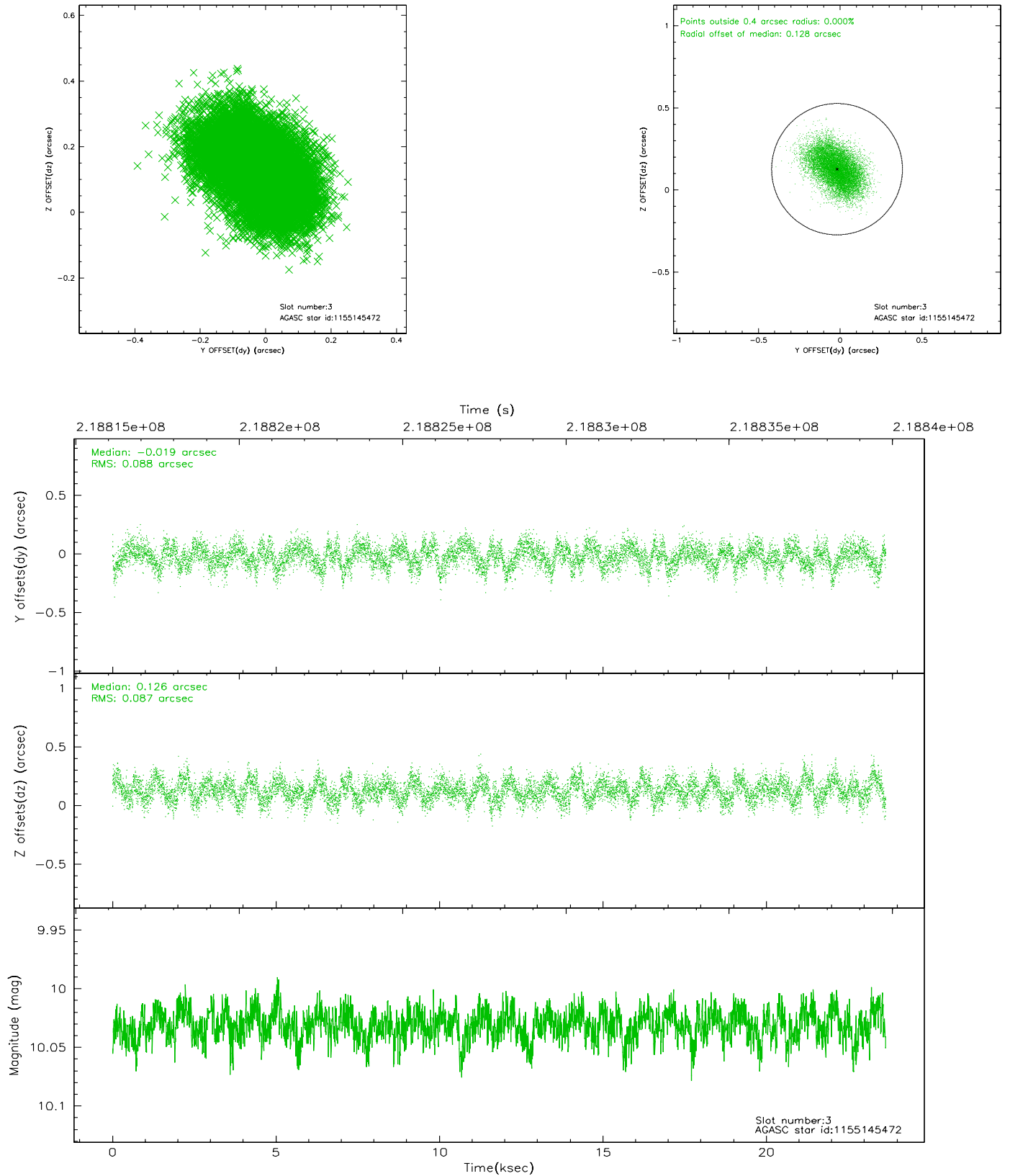


Slot Statistics

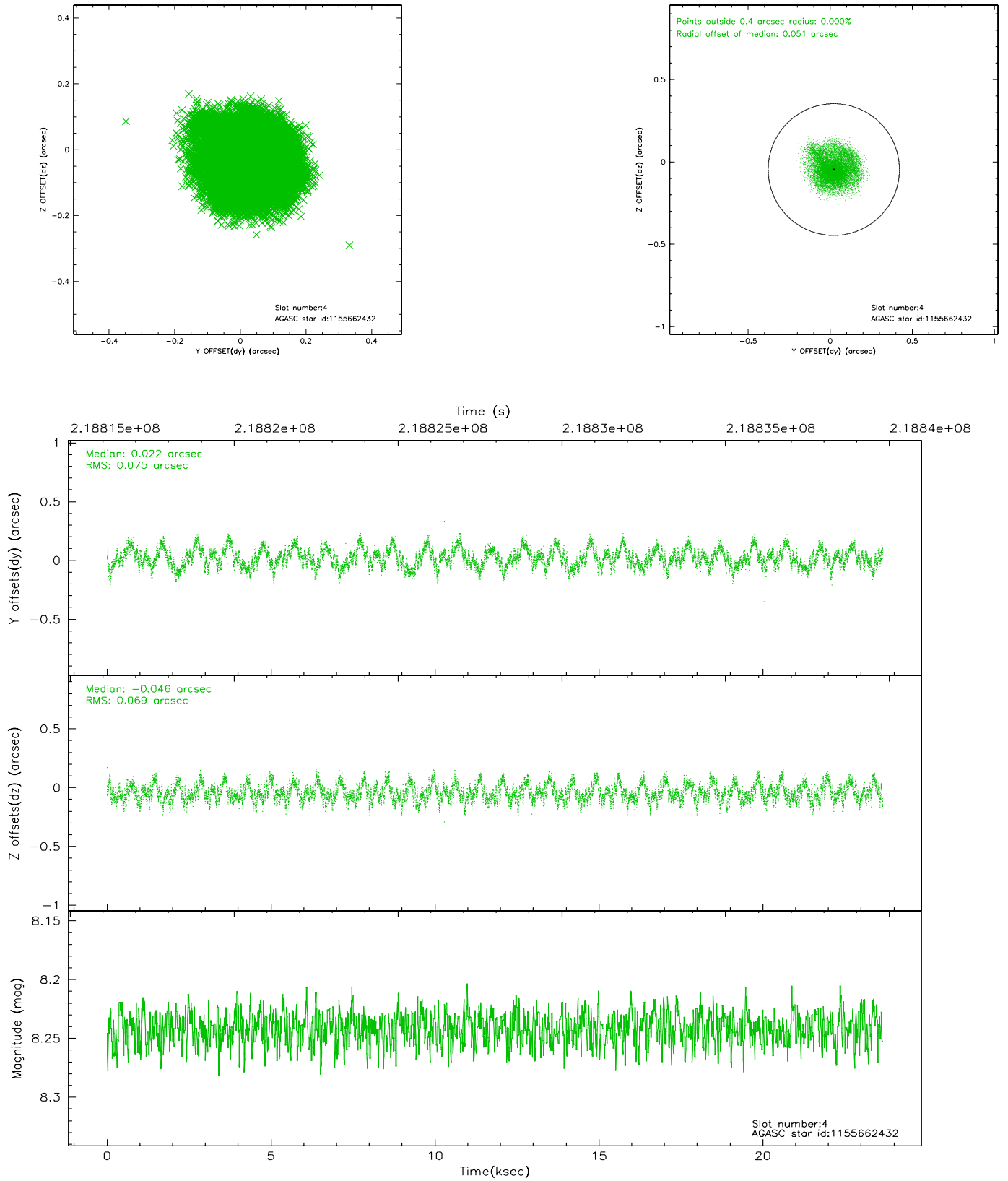
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	5770	-0.022	-0.007	0.016	0.029	0.000000	0.000000	-760.19	-1732.62
1	FID	ACIS-S-4	7.20	5769	0.033	0.004	0.011	0.023	0.000000	0.000000	2153.06	175.77
2	FID	ACIS-S-6	7.34	5770	-0.038	0.010	0.009	0.015	0.000000	0.000000	401.92	813.31
3	GUIDE	1155145472	10.03	11525	-0.019	0.126	0.133	0.211	330.914509	-56.156792	-2224.28	-144.10
4	GUIDE	1155662432	8.24	11535	0.022	-0.046	0.114	0.171	331.914502	-56.851094	352.81	1740.52
5	GUIDE	1155662832	9.68	11533	0.184	-0.038	0.214	0.313	330.711099	-57.263815	1746.72	-670.70
6	GUIDE	1155668552	8.00	11539	-0.078	-0.168	0.071	0.115	331.144851	-56.299715	-1693.94	297.97
7	GUIDE	1155145264	9.72	11517	-0.106	0.116	0.137	0.224	332.166474	-56.106650	-2299.43	2373.44

2.4 Star Slots

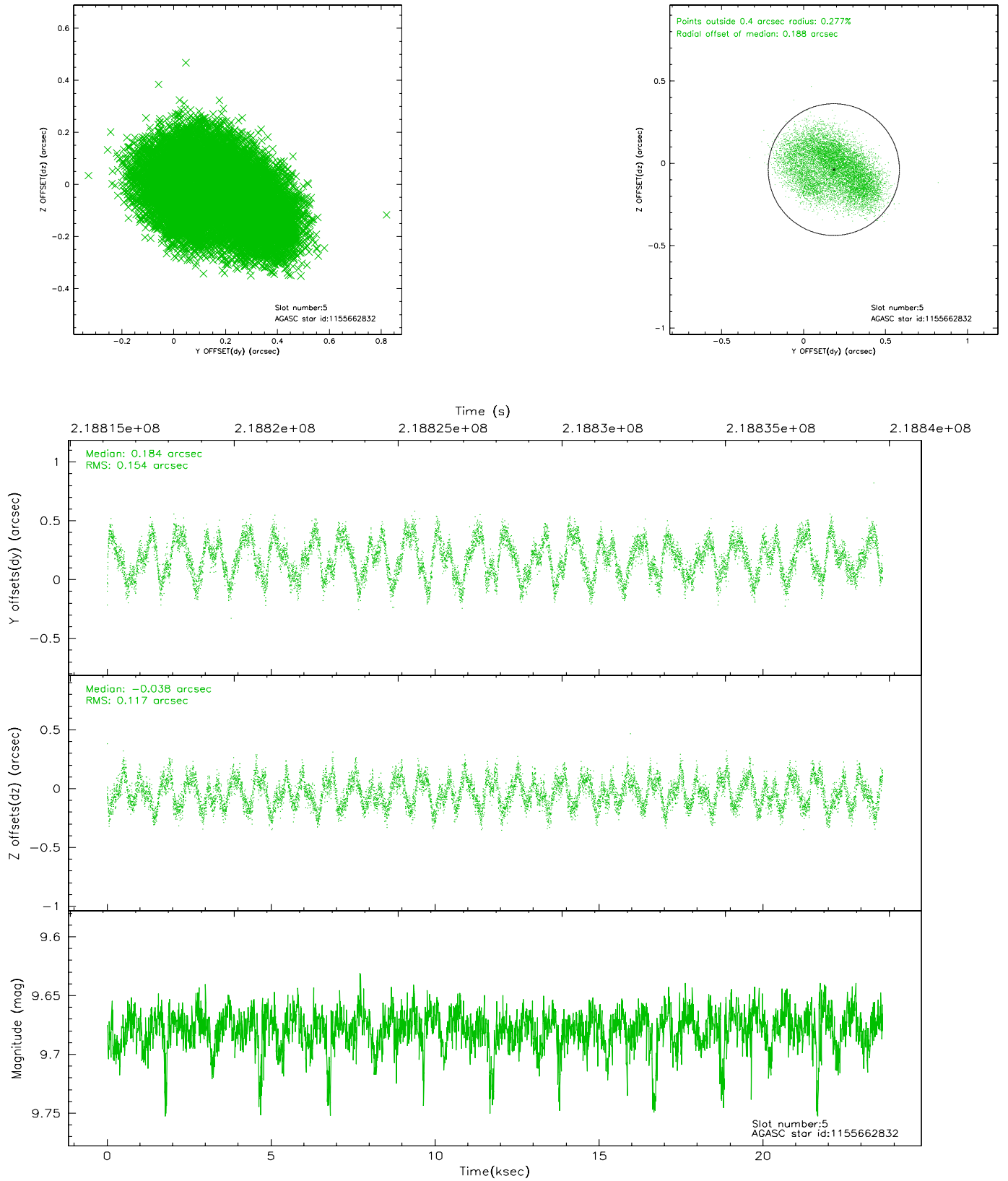
2.4.1 Slot 3



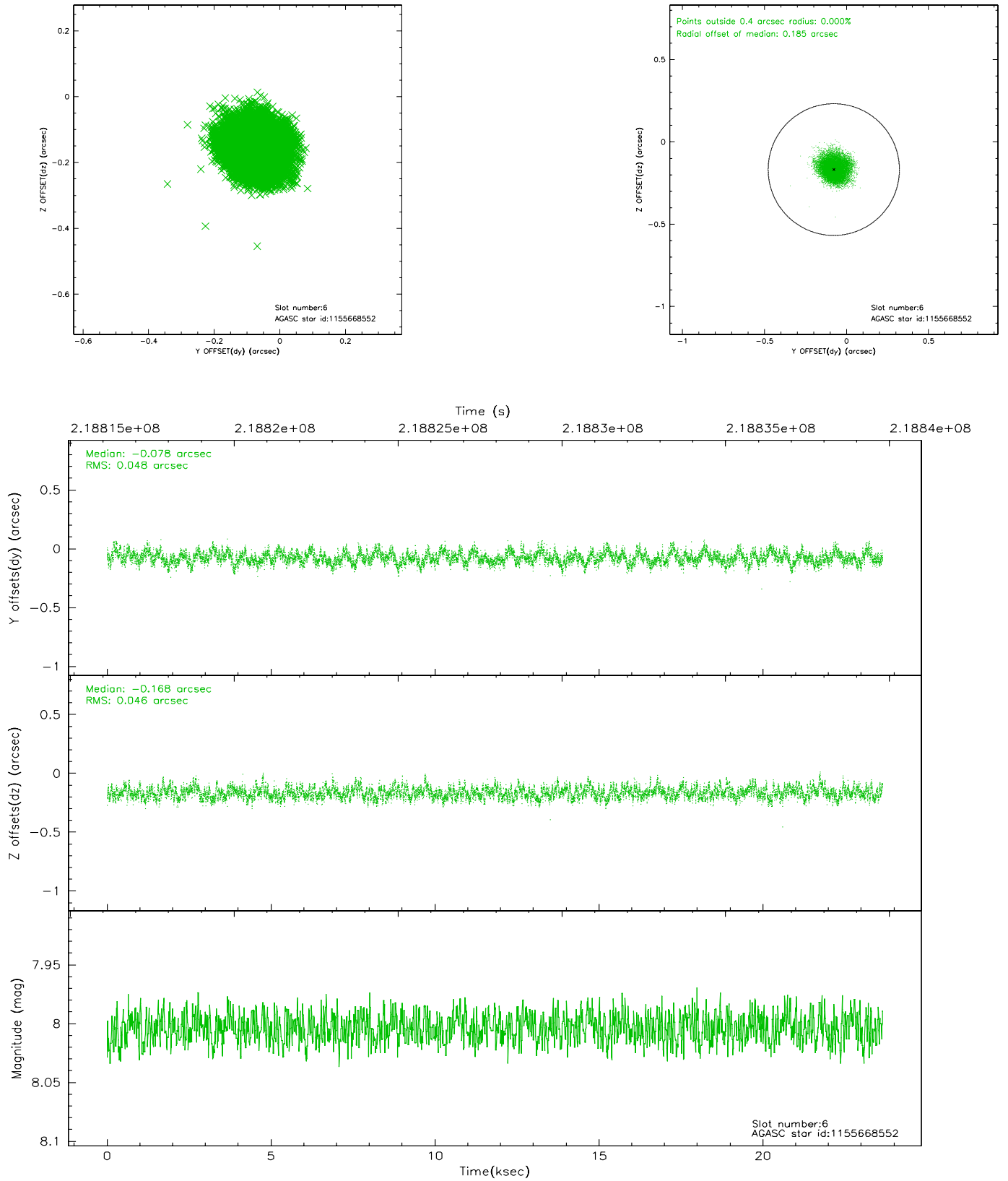
2.4.2 Slot 4



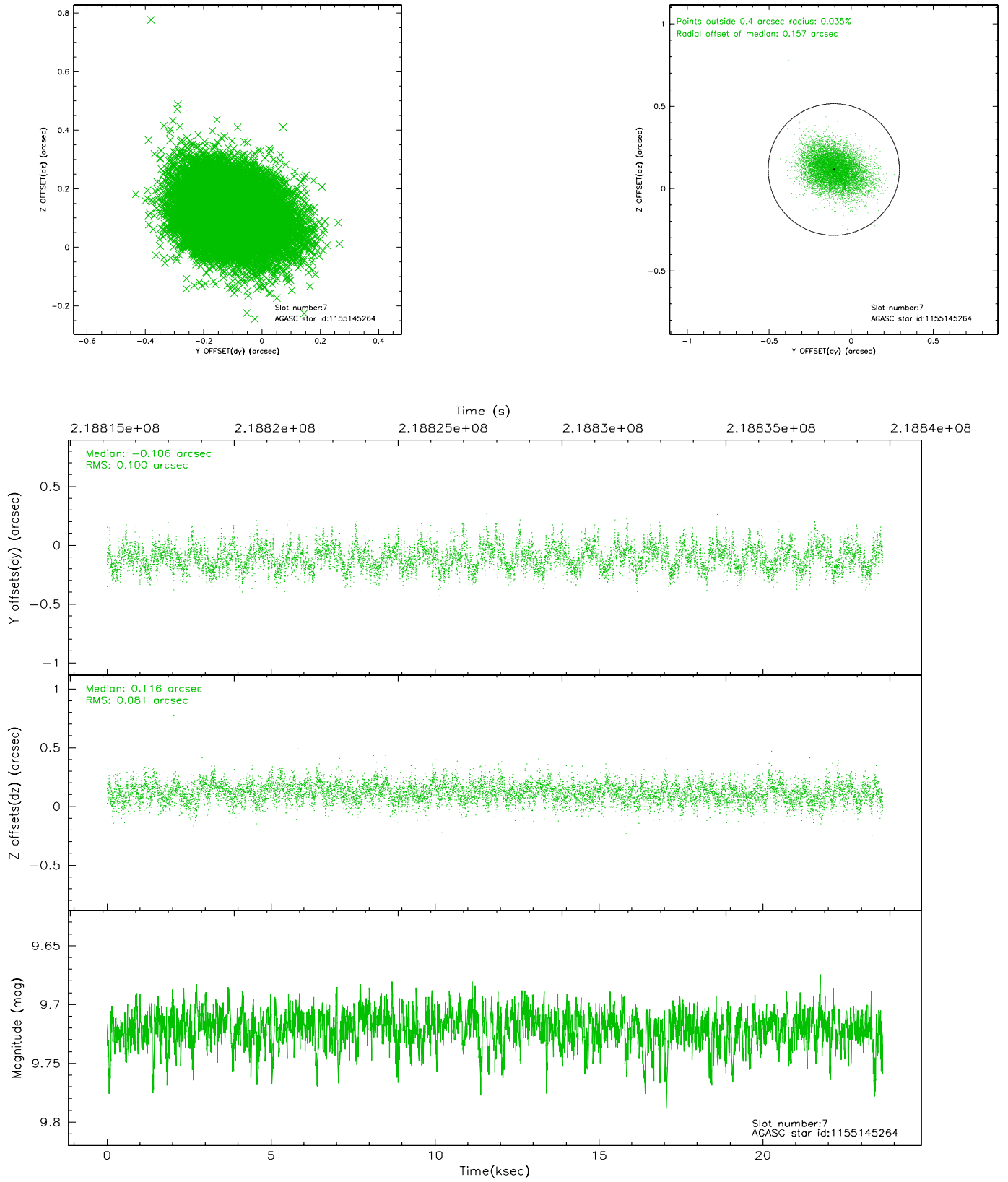
2.4.3 Slot 5



2.4.4 Slot 6

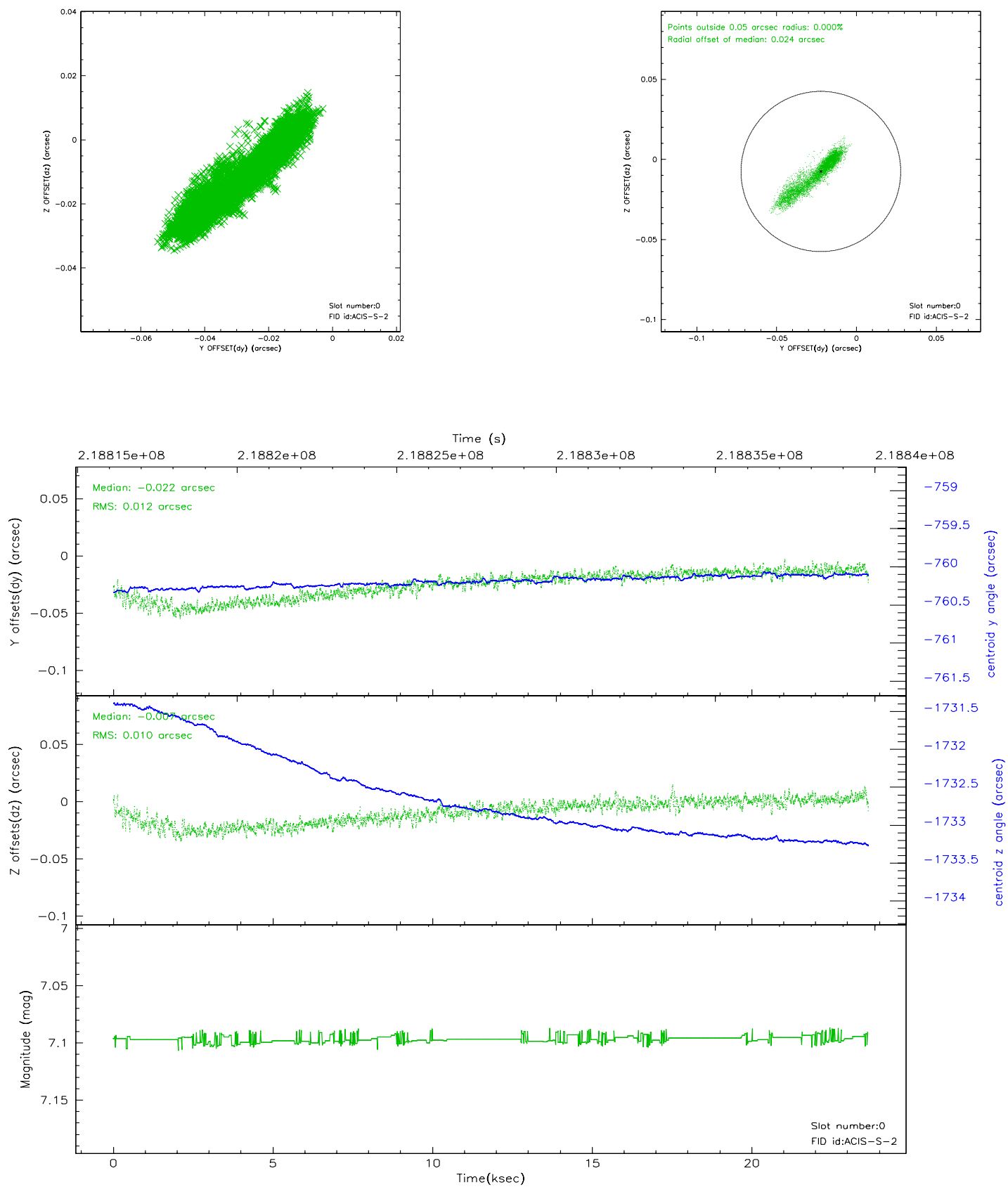


2.4.5 Slot 7

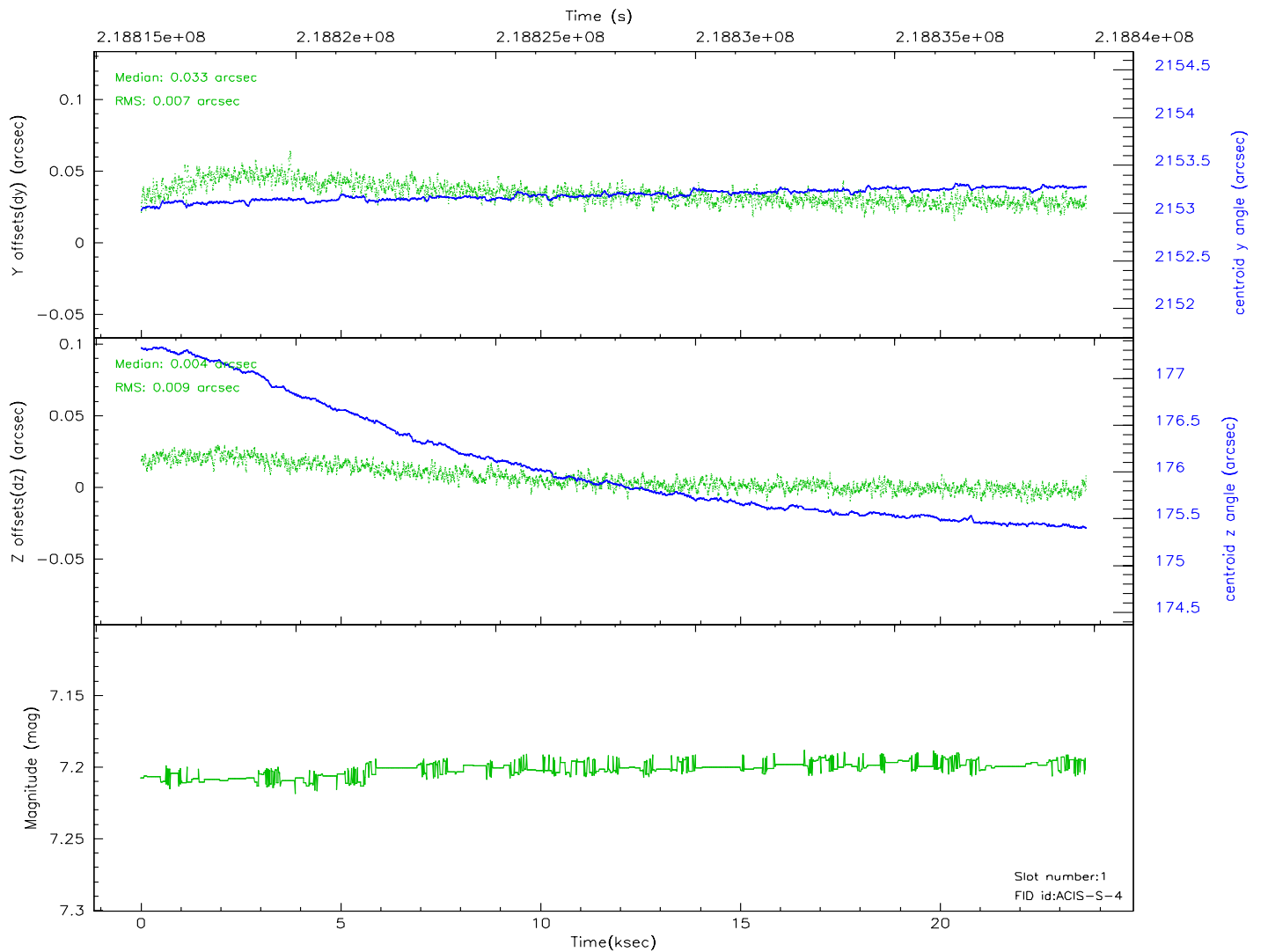
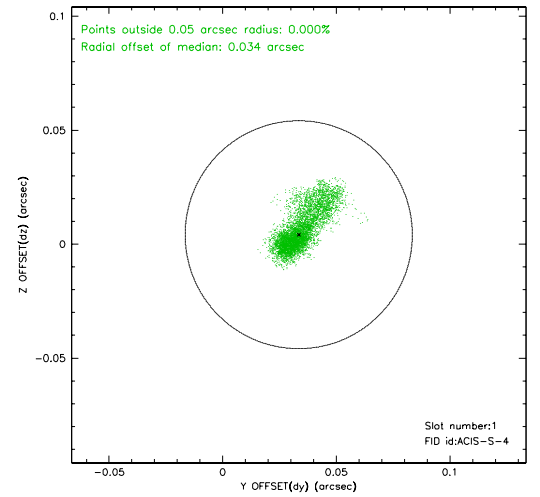
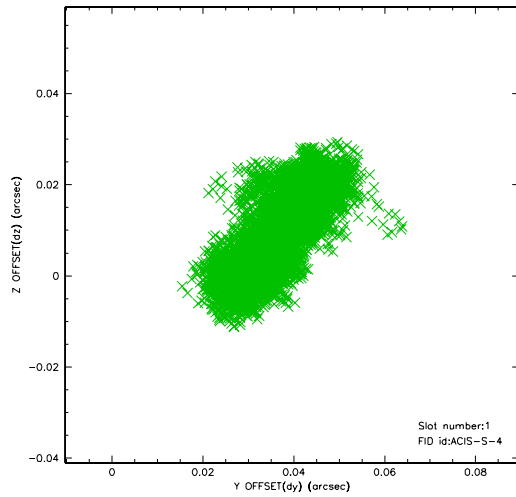


2.5 FID Slots

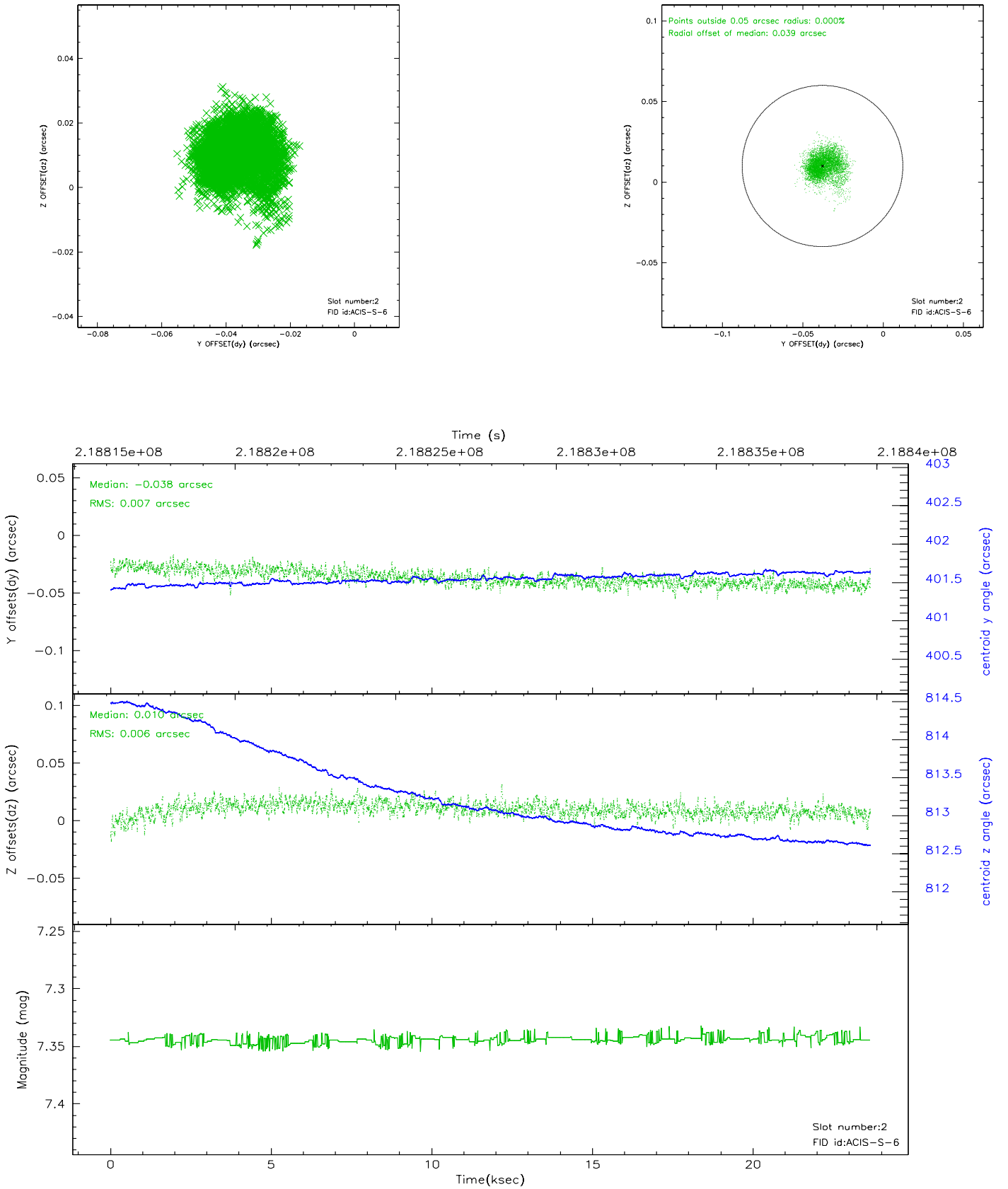
2.5.1 Slot 0



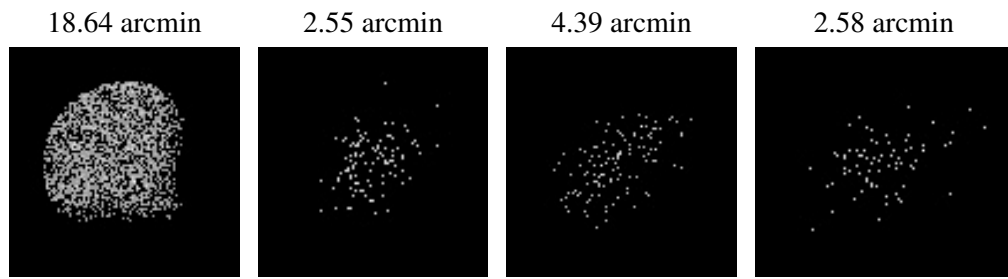
2.5.2 Slot 1



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	23.64799

A.2 Comments