

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 919 - L2 Version 001
Chandra X-Ray Center

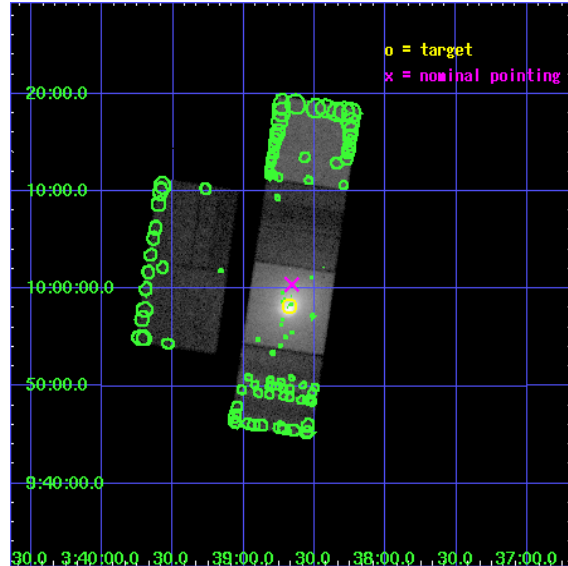
L2 Processing Date : Jun 6 2007

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1 Front

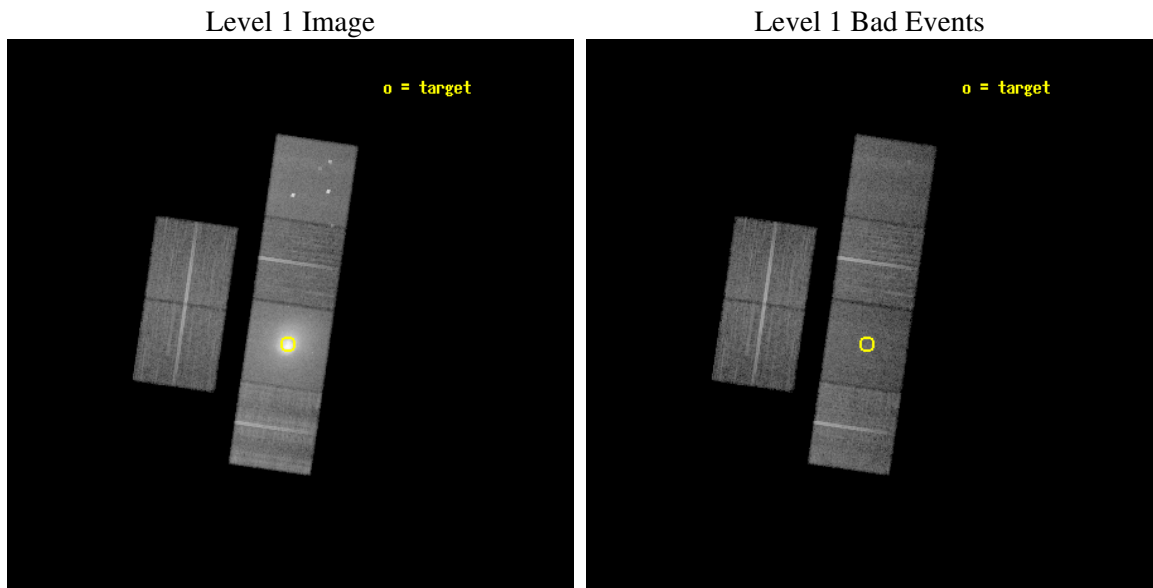
seq_num	800095
obs_id	919
title	MEASUREMENTS OF THE ABSORPTION COLUMN DENSITY DISTRIBUTION AT THE CENTER OF CLUSTERS OF GALAXIES
observer	DR YASUSHI FUKAZAWA
object	2A 0335+096
dtcycle	0
cycle	P
ra_targ	54.66875
dec_targ	9.969889
ra_nom	54.665130812621
dec_nom	10.007323340844
roll_nom	98.319588189474
revision	2
ontime	19977.600018606
livetime	19724.631618103
ontime2	19977.600018606
ontime3	19977.600018606
ontime5	19977.600018606
ontime6	19977.600018606
ontime7	19977.600018606
ontime8	19977.600018606
l2events	475183



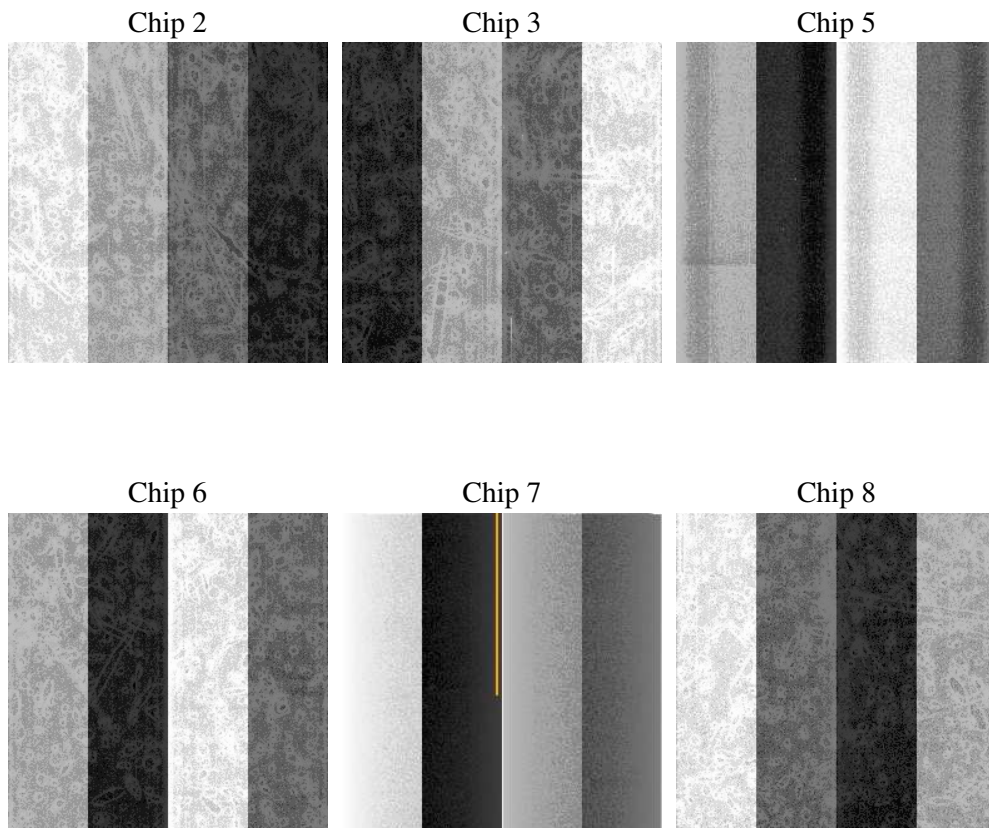
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.10
caldsver	3.4.0
date	2007-06-06T19:14:22
revision	2

sched_exp_time	20000.000000
ontime	19977.600018606
ontime2	19977.600018606
ontime3	19977.600018606
ontime5	19977.600018606
ontime6	19977.600018606
ontime7	19977.600018606
ontime8	19977.600018606
l1events	1180957

2.1.4 Events

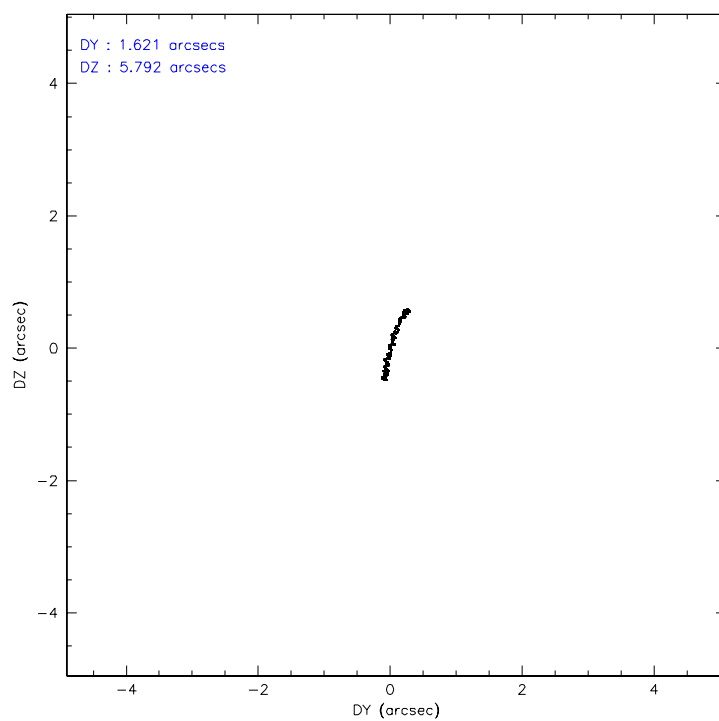
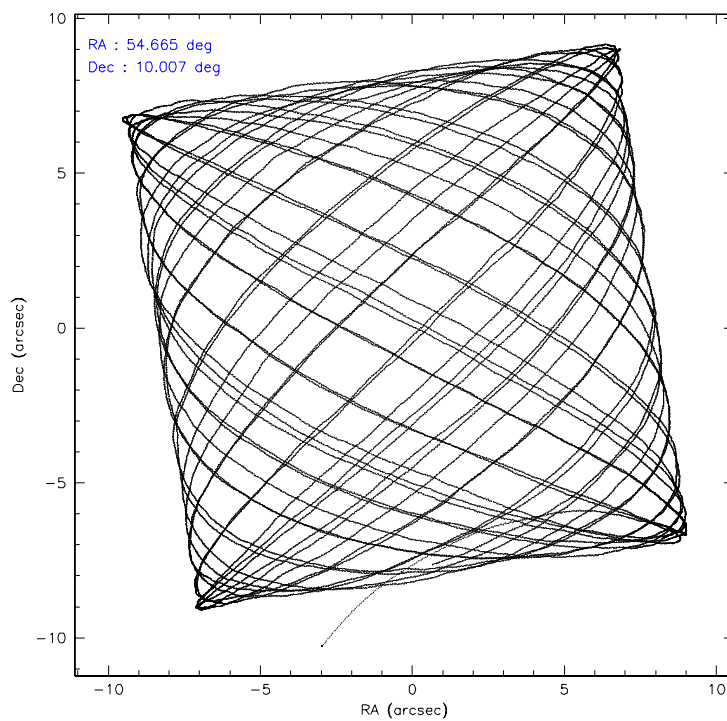
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	137820	128298	177270	140091	400497	196981
rejected events	117928	106743	90481	112985	88609	125269
rejected %	85%	83%	51%	80%	22%	63%

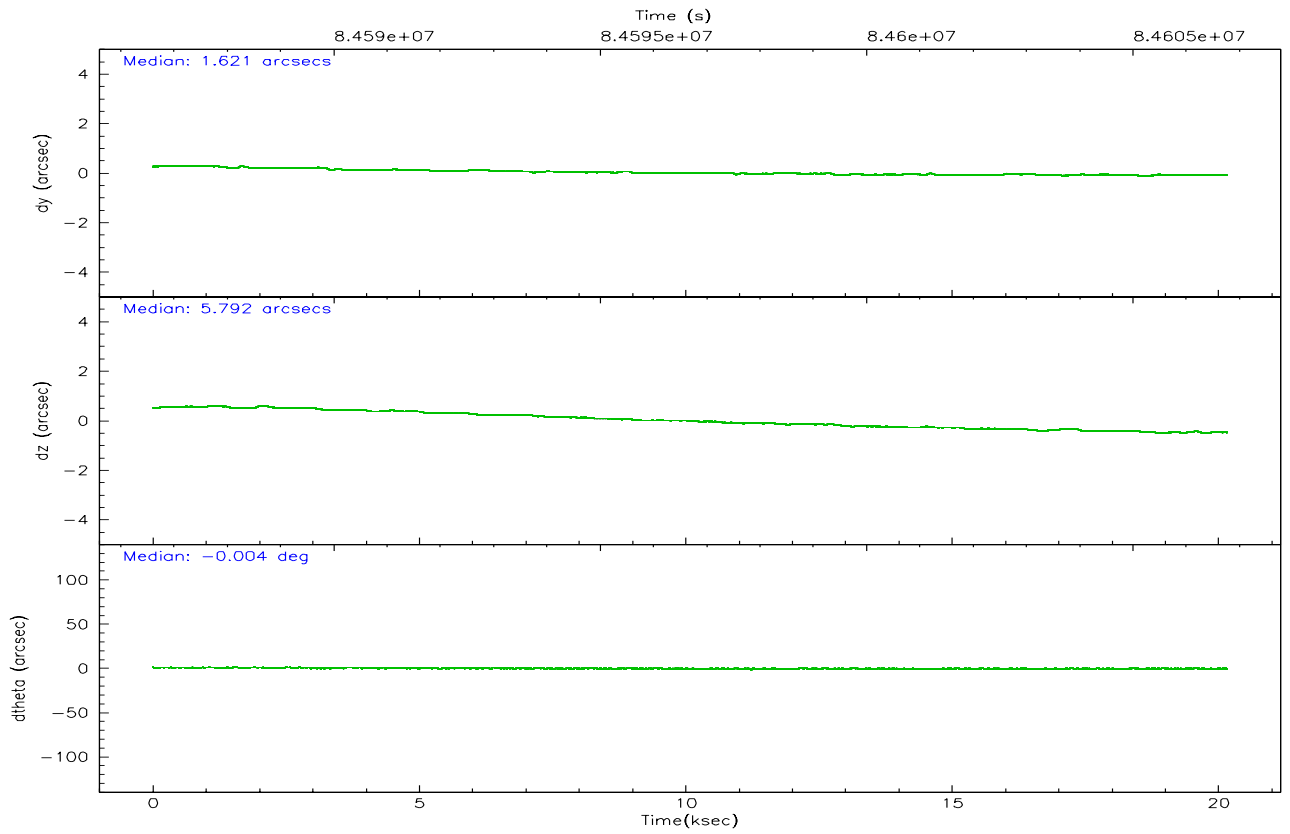
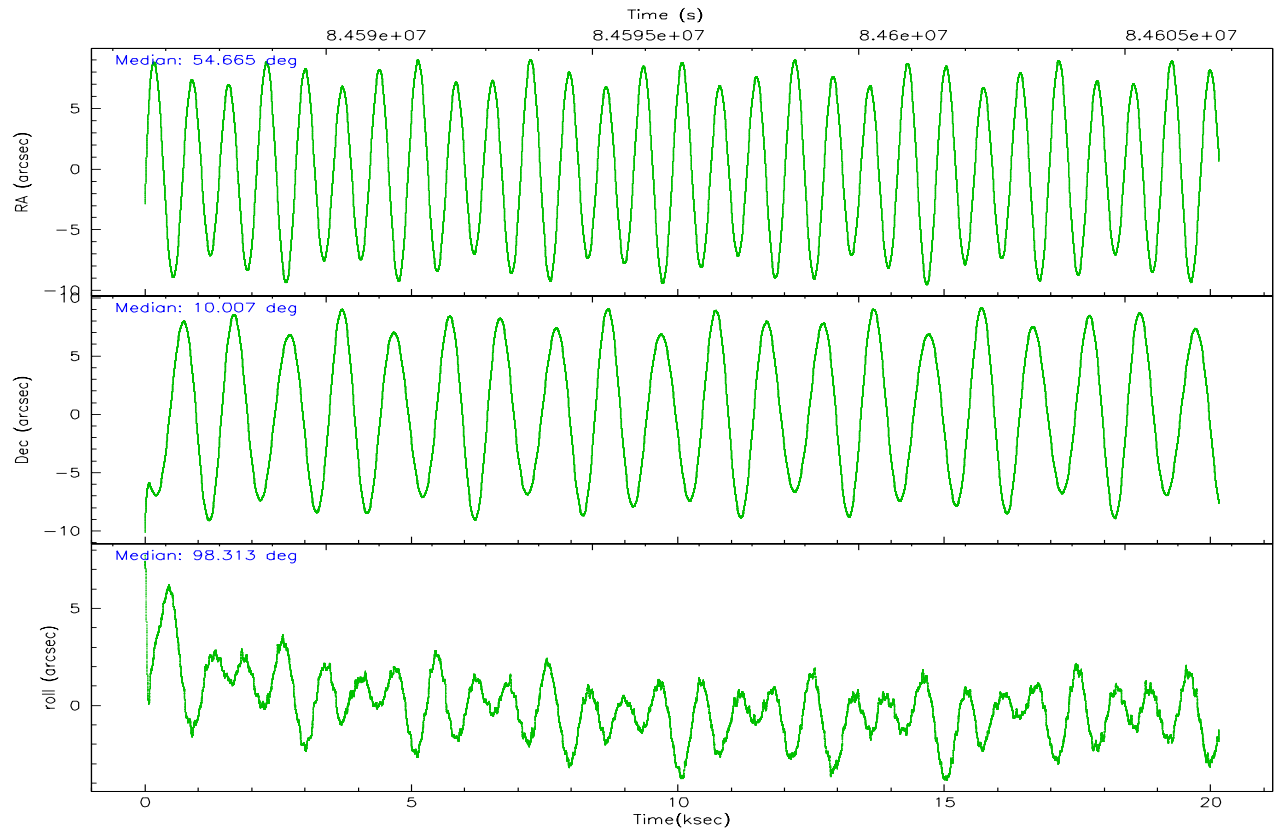
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	8631	9701	14817	14060	78148	29875
	6%	7%	8%	10%	19%	15%
grade 1 events	61	56	251	90	274	221
	0%	0%	0%	0%	0%	0%
grade 2 events	4729	5221	23724	5603	78107	10984
	3%	4%	13%	3%	19%	5%
grade 3 events	1335	1429	4205	1657	34673	10286
	0%	1%	2%	1%	8%	5%
grade 4 events	1560	1535	3828	1701	34718	9176
	1%	1%	2%	1%	8%	4%
grade 5 events	4014	4317	12679	4792	15749	6262
	2%	3%	7%	3%	3%	3%
grade 6 events	3645	3681	40238	4093	86352	11412
	2%	2%	22%	2%	21%	5%
grade 7 events	113845	102358	77528	108095	72476	118765
	82%	79%	43%	77%	18%	60%

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	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	54.682482	54.66513081262052	Subarray requested	NONE	NONE
Pointing Dec	9.985968	10.0073233408442	Alternating exposures requested	N	N
Pointing Roll	98.159944	98.31958818947382	Primary exposure time	3.200000	3.2
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	84586767.184000	84585793.96782599			
Observation start date	2000-09-06T00:18:23	2000-09-06T00:03:13			
Observation end time	84606767.184000	84607464.00613999			
Observation end date	2000-09-06T05:51:43	2000-09-06T06:04:24			
Read mode	TIMED	TIMED			

2.3 Aspect



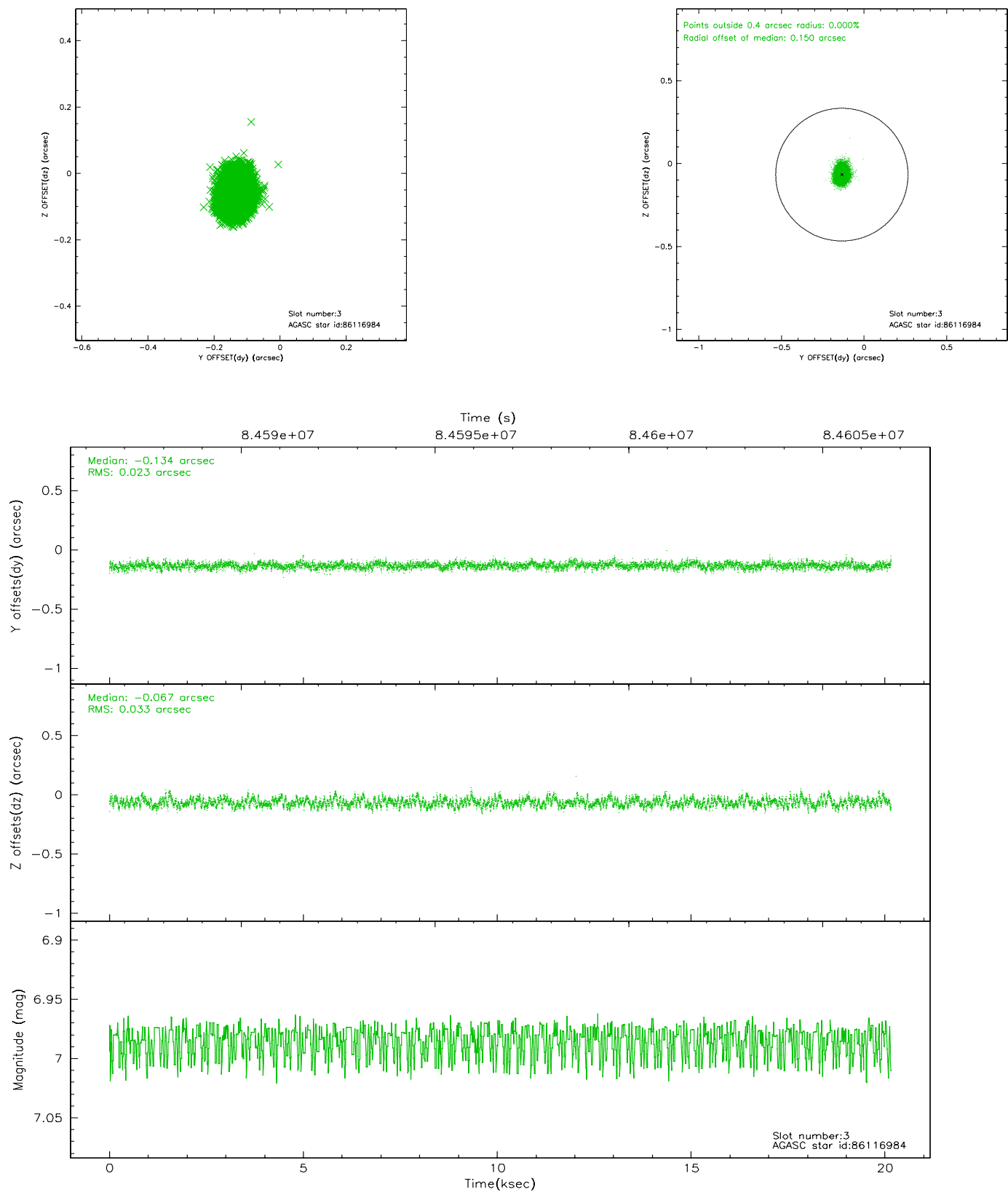


Slot Statistics

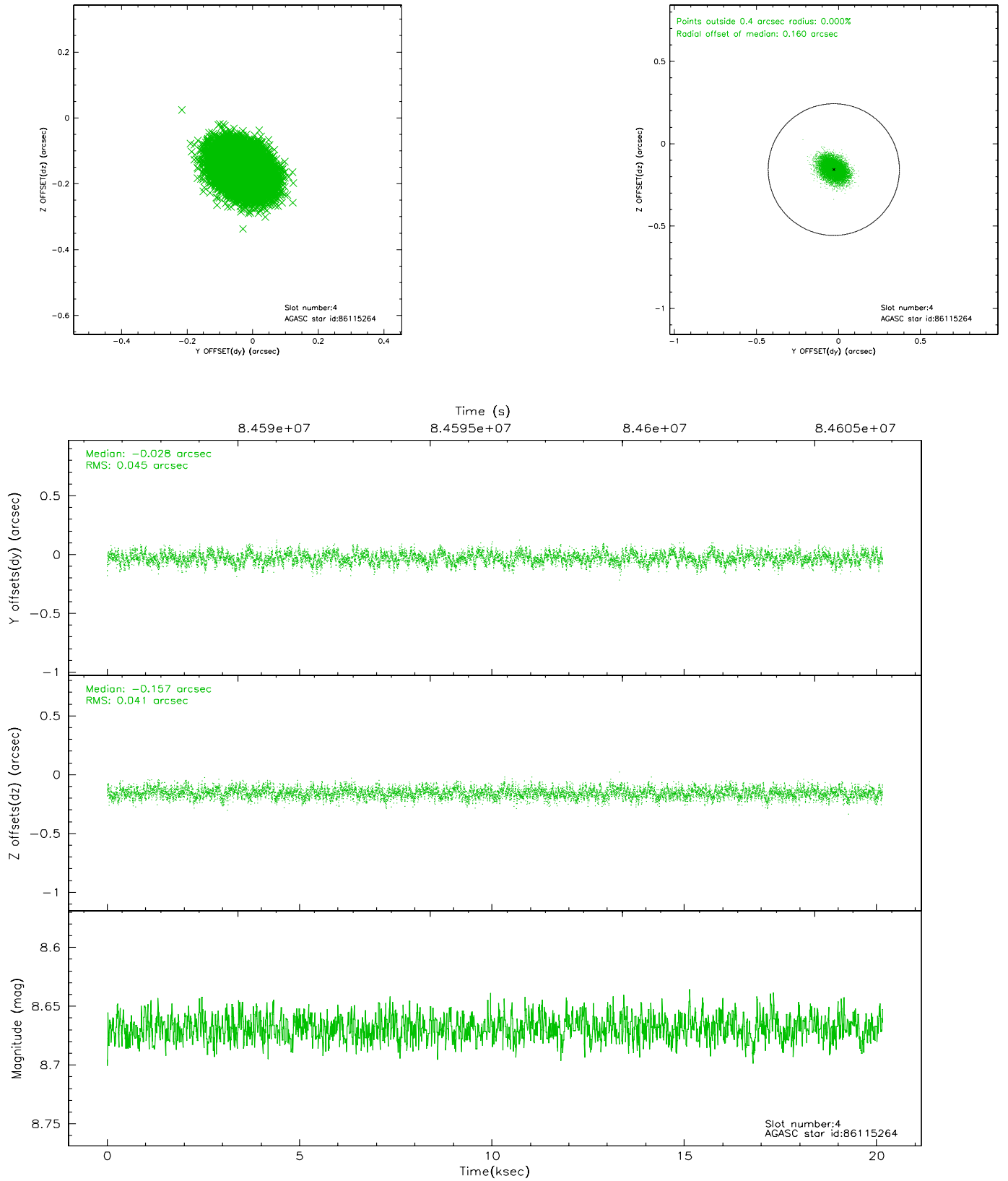
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	4917	-0.028	0.029	0.008	0.013	0.000000	0.000000	-754.28	-1726.88
1	FID	ACIS-S-4	7.21	4916	-0.056	0.006	0.008	0.014	0.000000	0.000000	2158.87	181.42
2	FID	ACIS-S-5	7.24	4916	0.053	-0.026	0.007	0.012	0.000000	0.000000	-1806.82	175.24
3	GUIDE	86116984	6.98	9834	-0.134	-0.067	0.042	0.068	54.479042	9.932832	-86.06	742.09
4	GUIDE	86115264	8.67	9834	-0.028	-0.157	0.065	0.104	54.191764	9.800176	-413.06	1818.77
5	GUIDE	86117080	9.14	9833	0.144	0.190	0.073	0.118	54.768566	9.652832	-1229.47	-131.01
6	GUIDE	86114544	9.13	9832	0.120	0.155	0.070	0.113	55.029475	9.679738	-1264.44	-1061.61
7	GUIDE	86514736	9.34	9829	-0.105	-0.123	0.103	0.159	54.128487	10.185441	991.58	1841.78

2.4 Star Slots

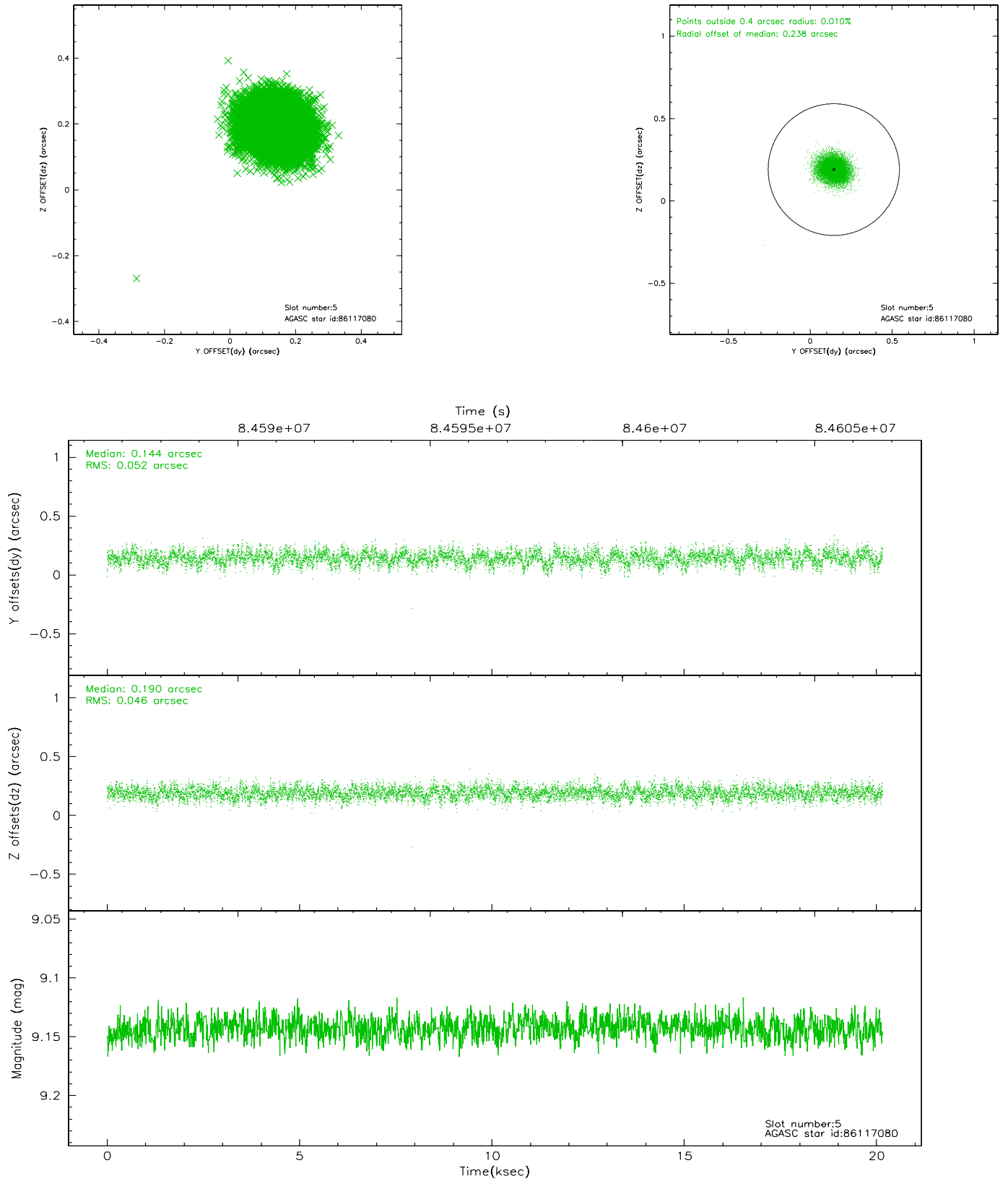
2.4.1 Slot 3



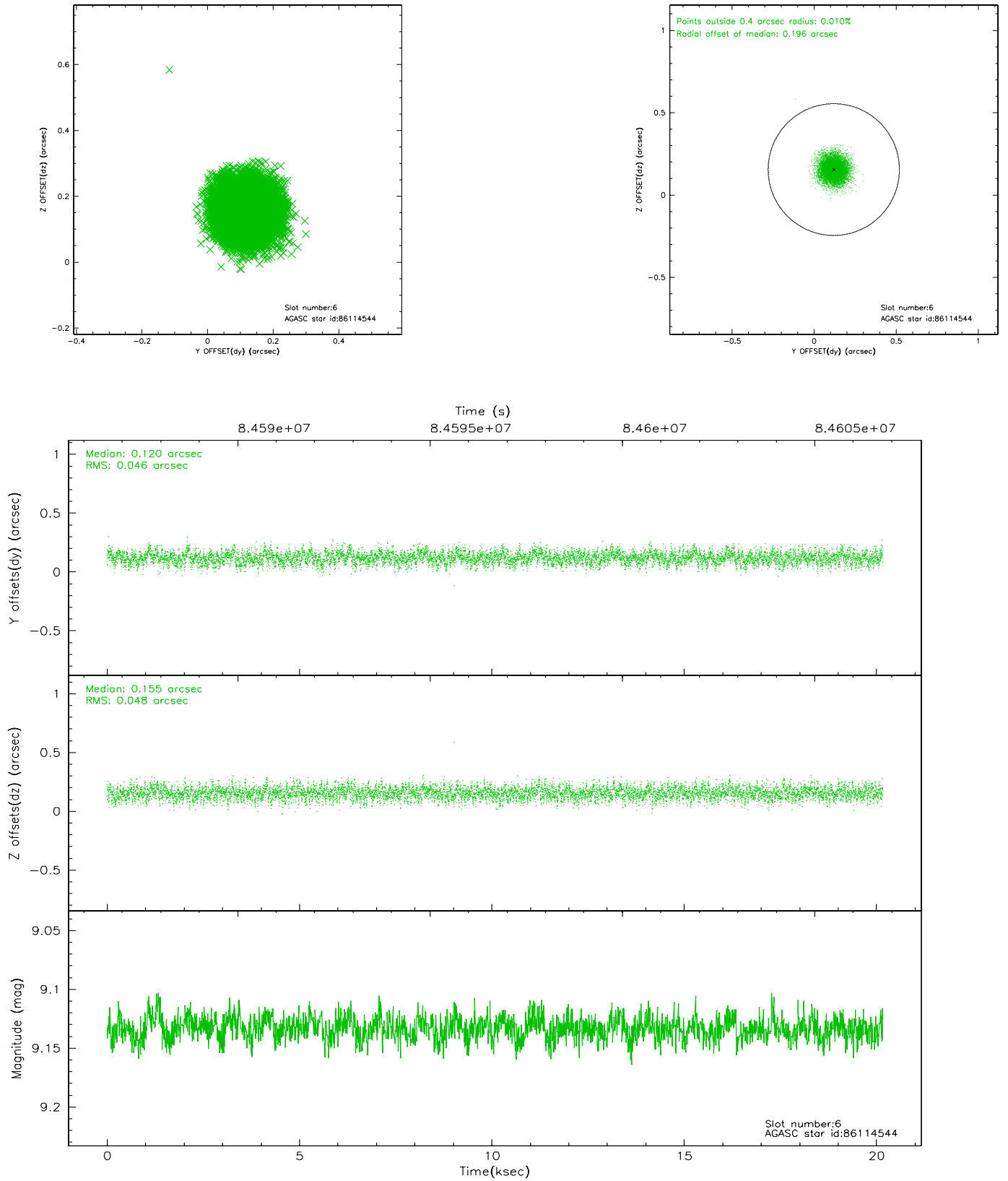
2.4.2 Slot 4



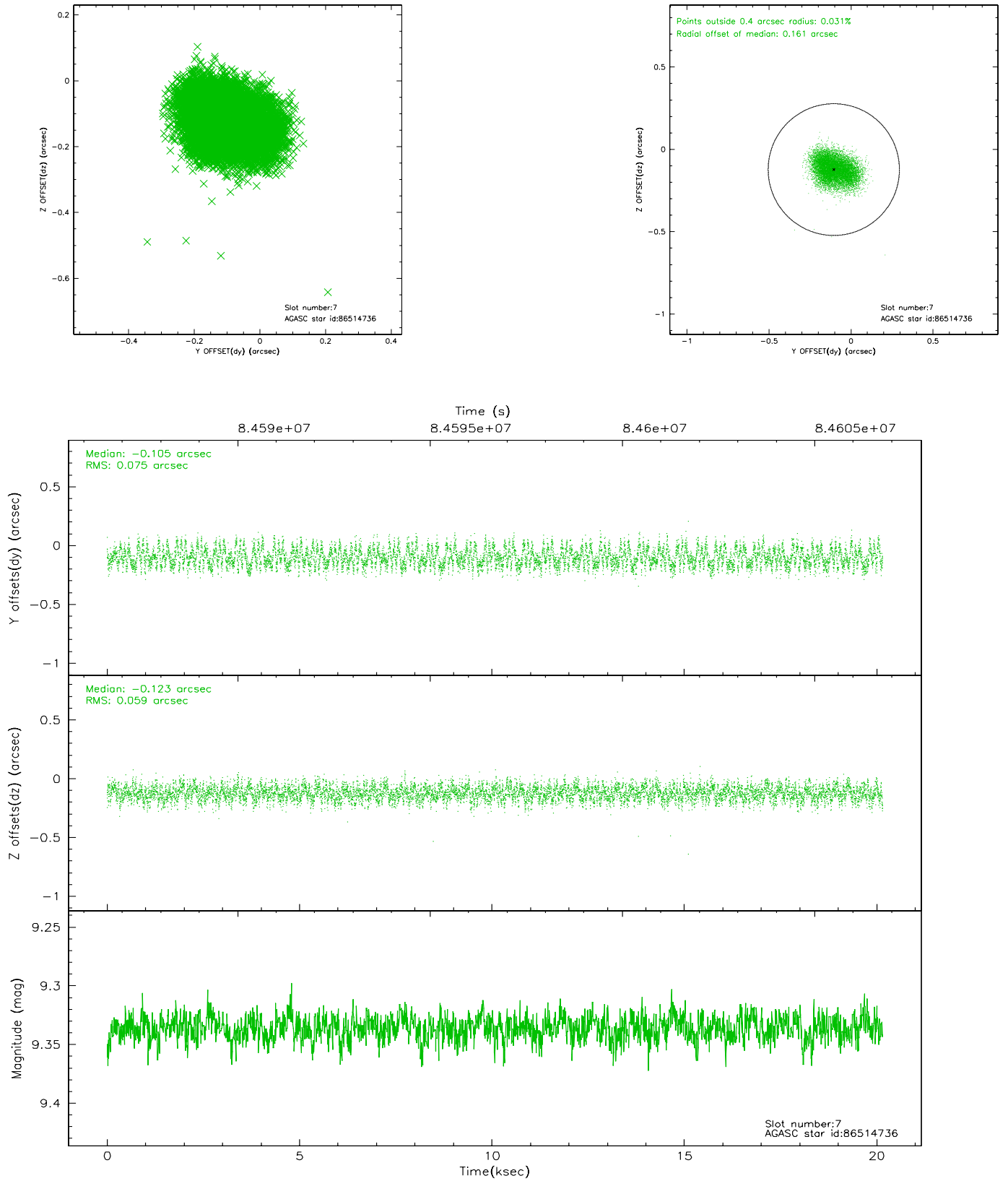
2.4.3 Slot 5



2.4.4 Slot 6

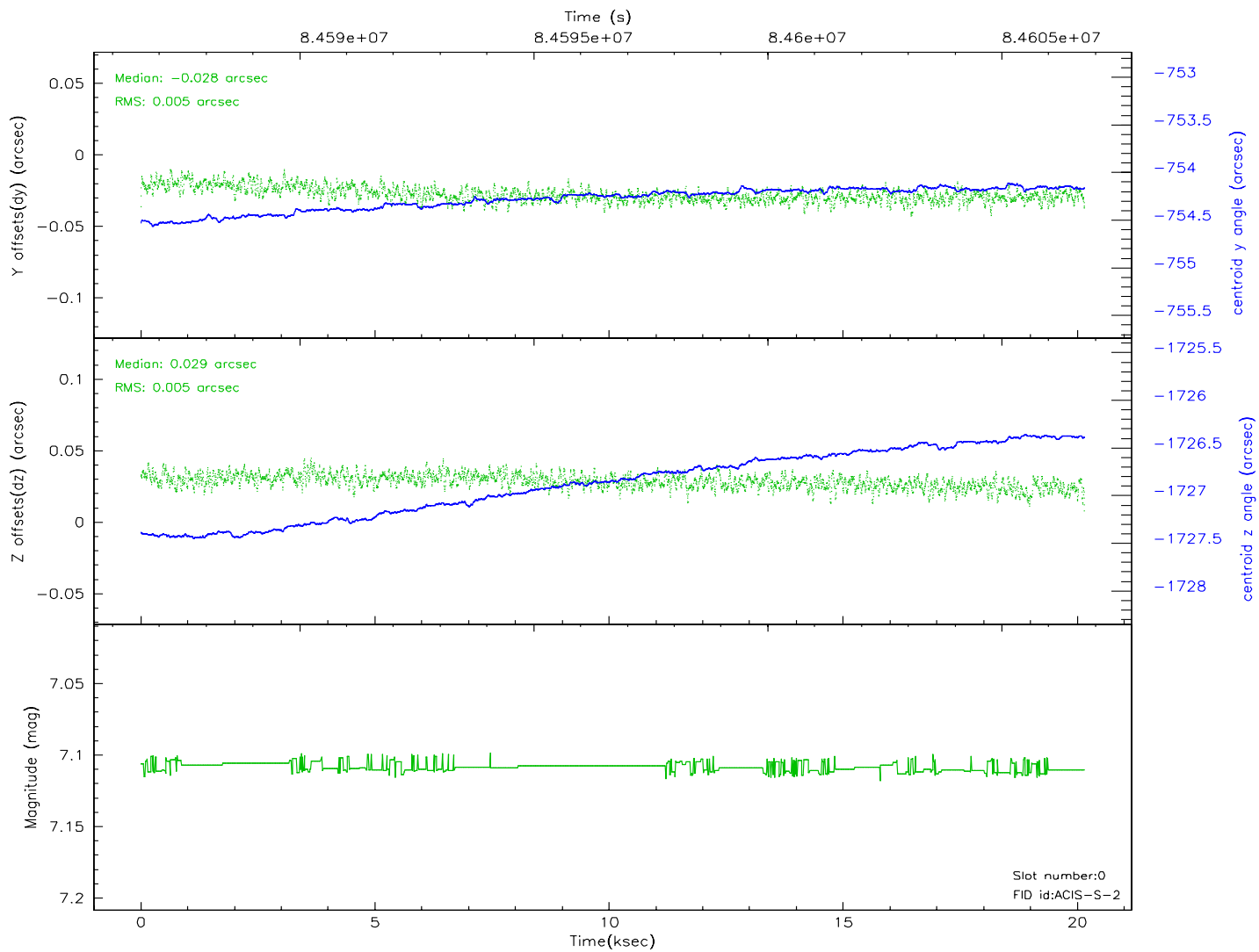
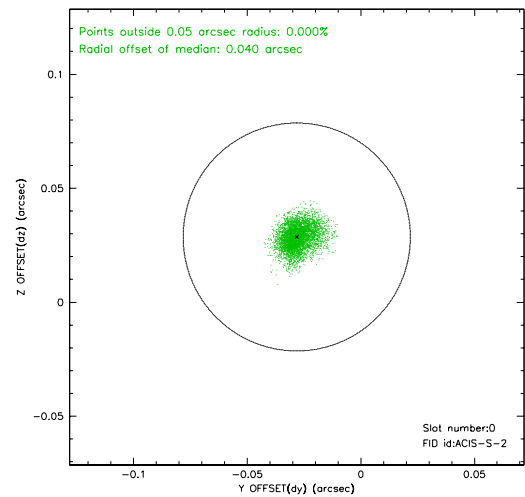
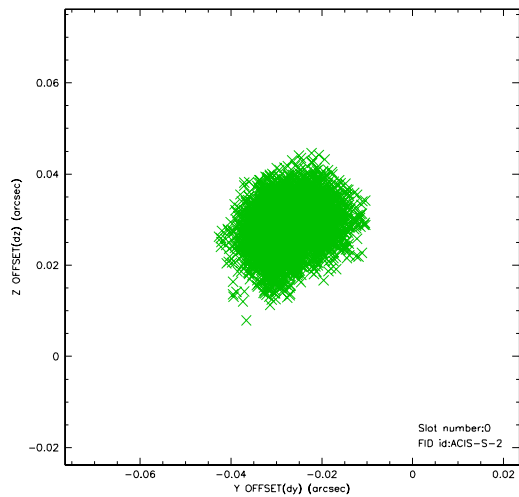


2.4.5 Slot 7

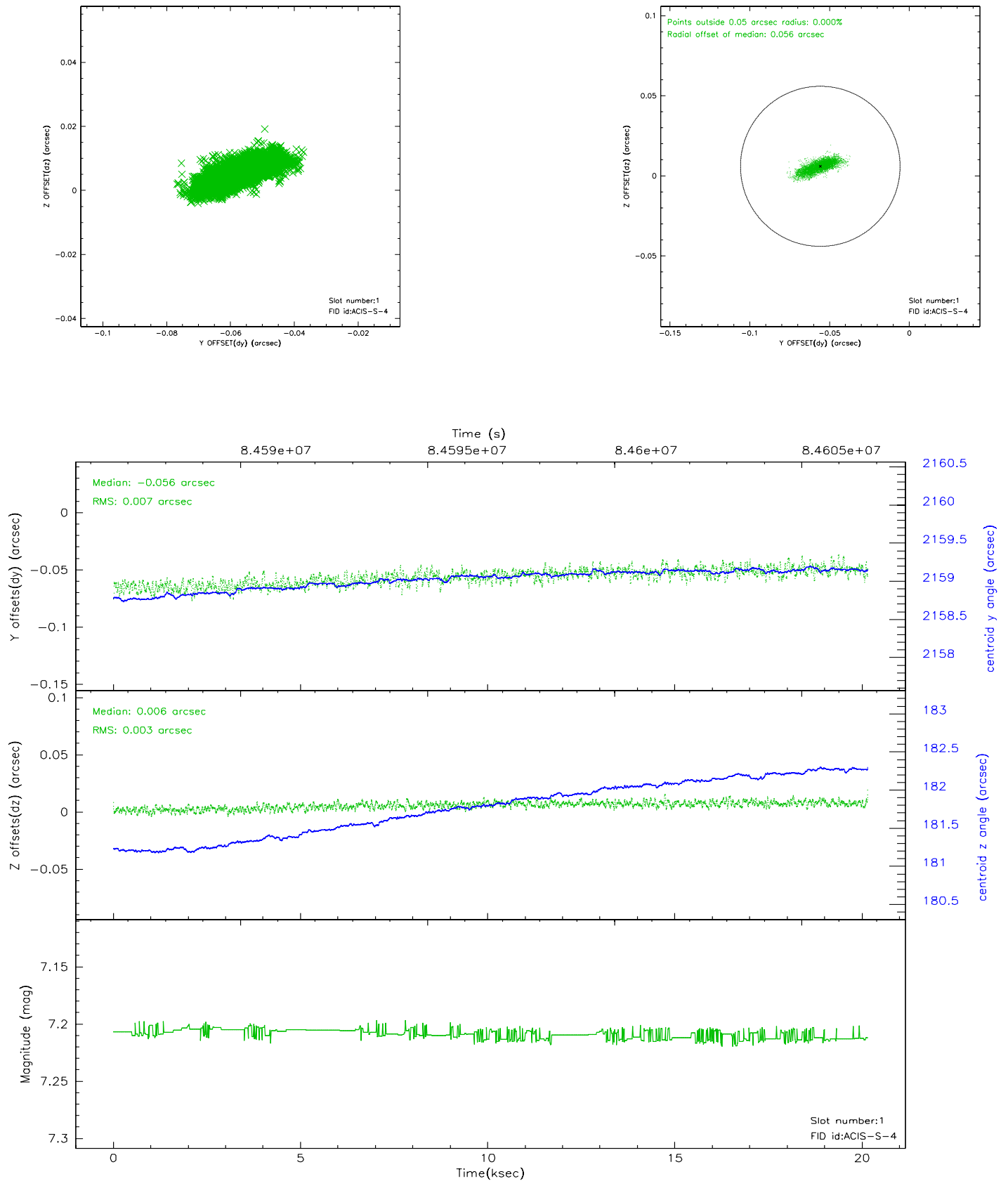


2.5 FID Slots

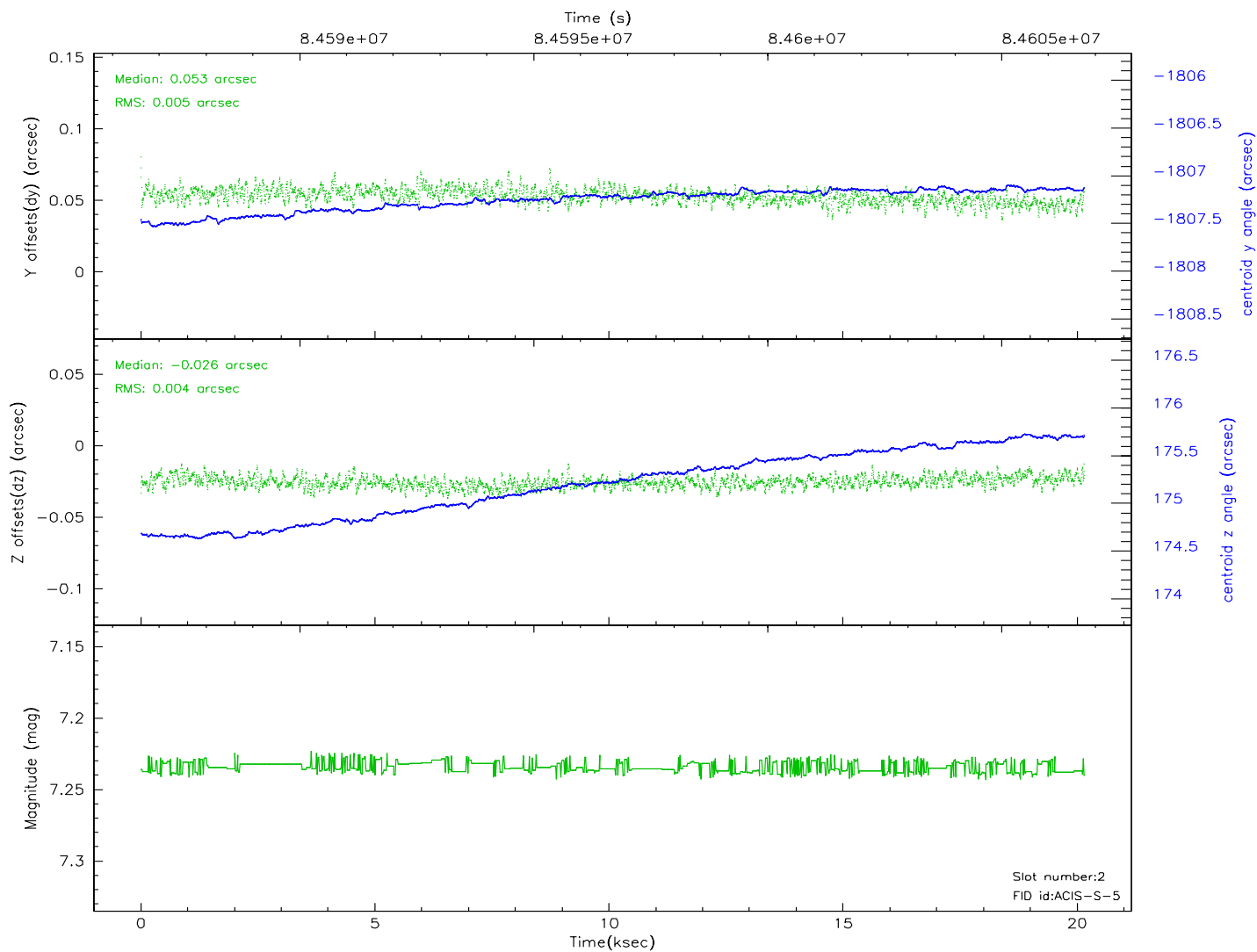
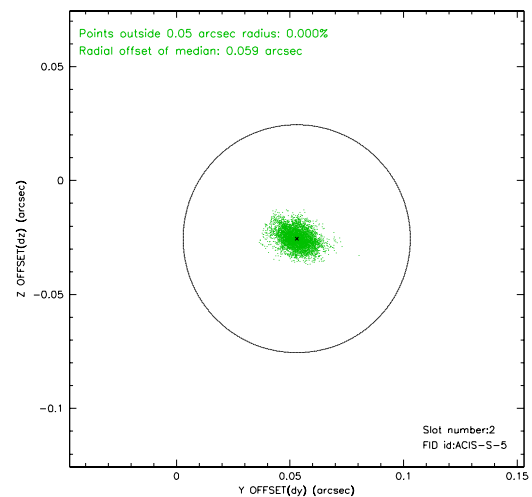
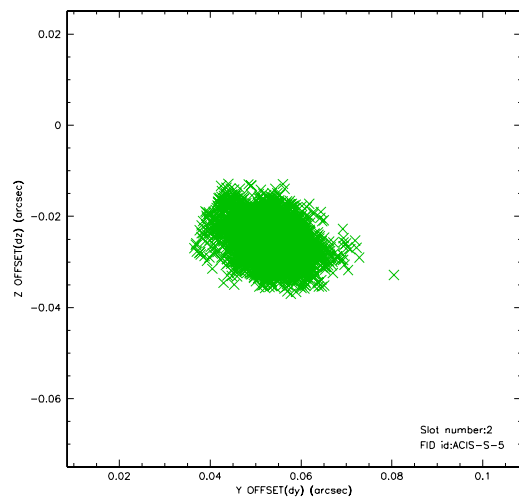
2.5.1 Slot 0



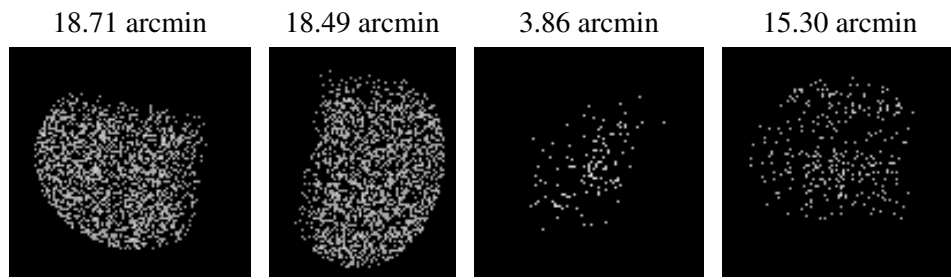
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.06.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	19.98

A.2 Comments