

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2672 - L2 Version 001
Chandra X-Ray Center

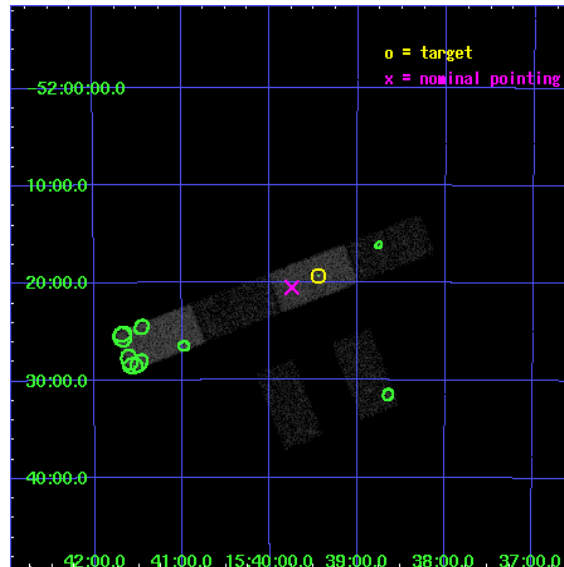
L2 Processing Date : Sep 17 2006

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

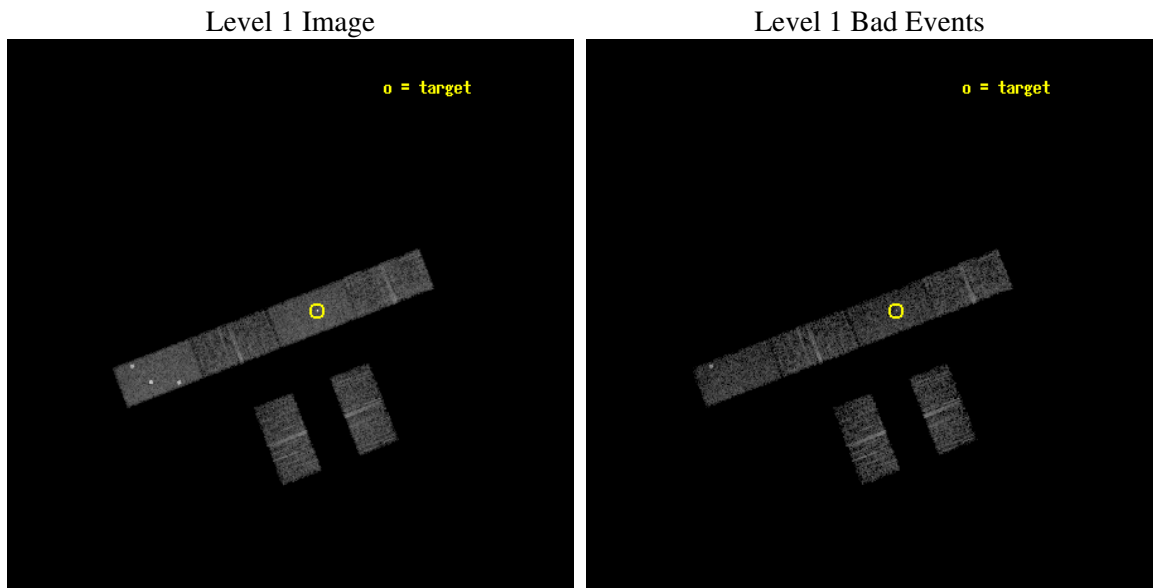
seq_num	300073
obs_id	2672
title	MULTIWAVELENGTH TARGET OF OPPORTUNITY OBSERVATIONS OF A BRIGHT NOVA IN OUTBURST
observer	Professor Sumner Starrfield
object	IM Nor
dtcycle	0
cycle	P
ra_targ	234.860417
dec_targ	-52.321722
ra_nom	234.93688516198
dec_nom	-52.341759564318
roll_nom	338.93464358051
revision	2
ontime	4933.8000326753
livetime	4823.8170049622
ontime2	4933.8000326753
ontime3	4933.8000326753
ontime5	4933.8000326753
ontime6	4933.8000326753
ontime7	4933.8000326753
ontime8	4933.8000326753
l2events	30088



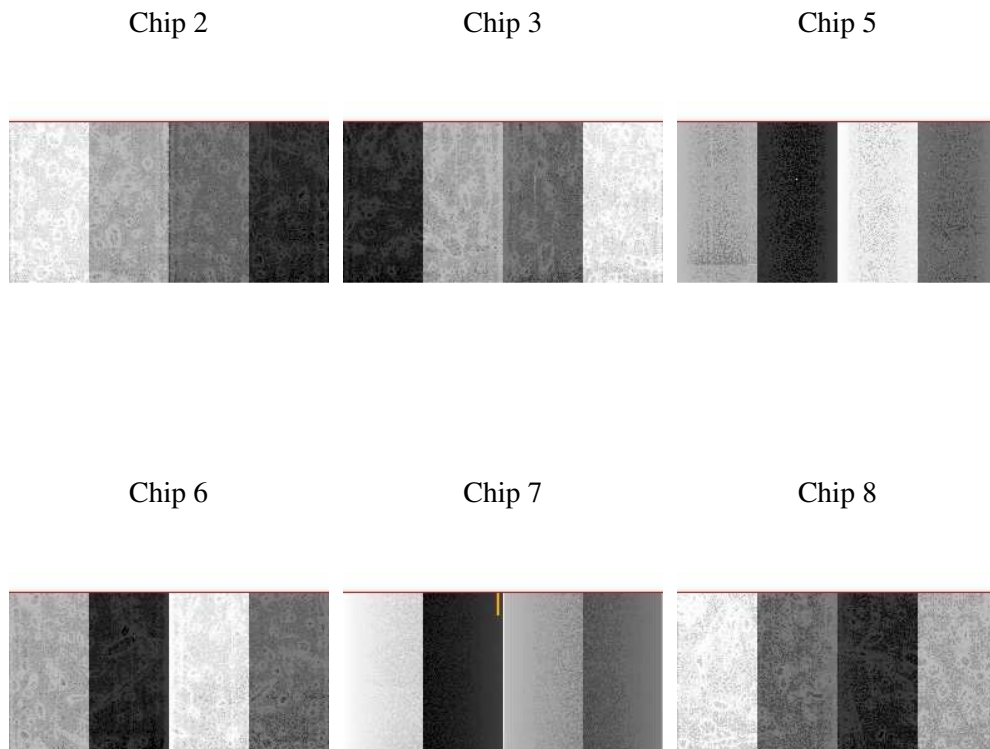
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.3
date	2006-09-18T00:43:51
revision	2

sched_exp_time	4531.614000
ontime	4937.6186516285
ontime2	4937.6186516285
ontime3	4939.4596916437
ontime5	4939.4596916437
ontime6	4939.459671706
ontime7	4937.6186516285
ontime8	4939.459671706
l1events	126837

2.1.4 Events

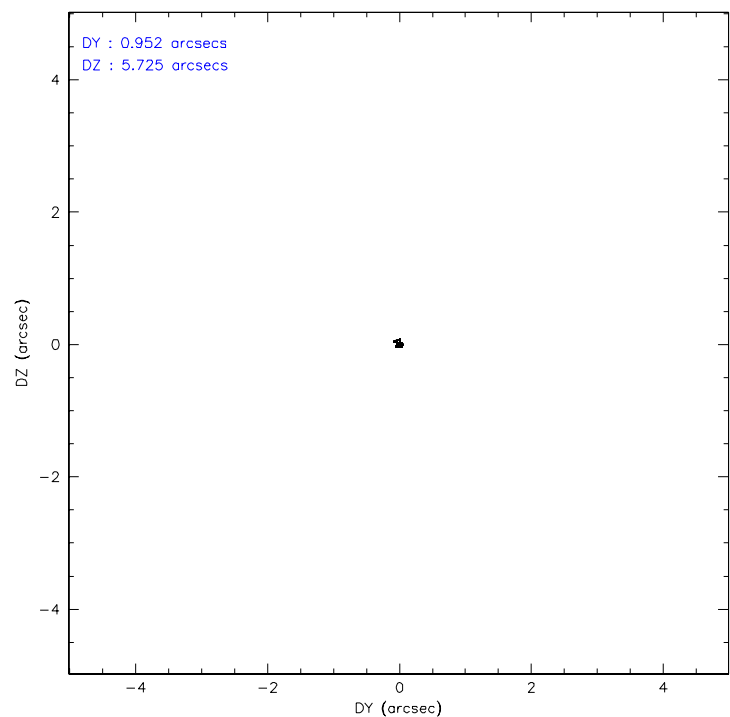
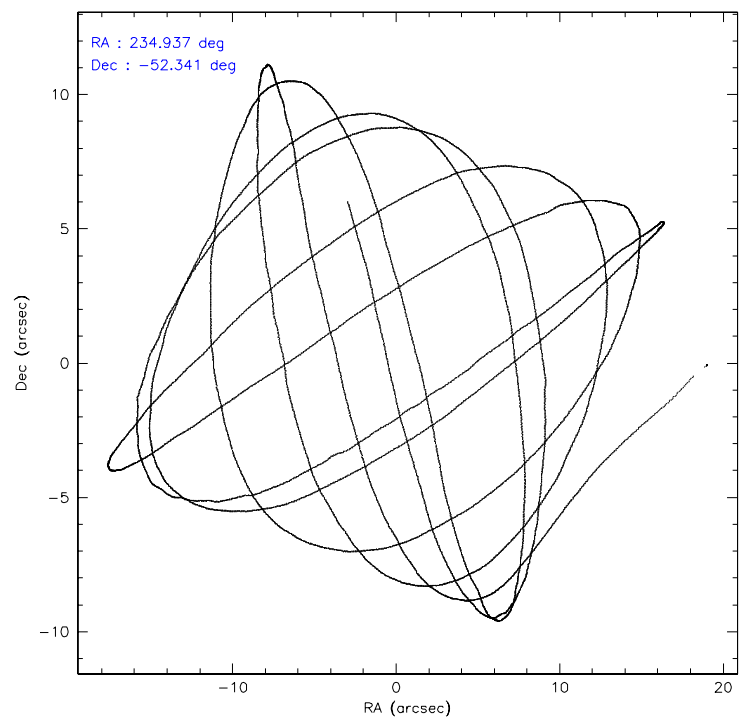
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	17836	18107	28380	17680	23679	21155
rejected events	15401	15567	13271	15193	12866	16418
rejected %	86%	85%	46%	85%	54%	77%

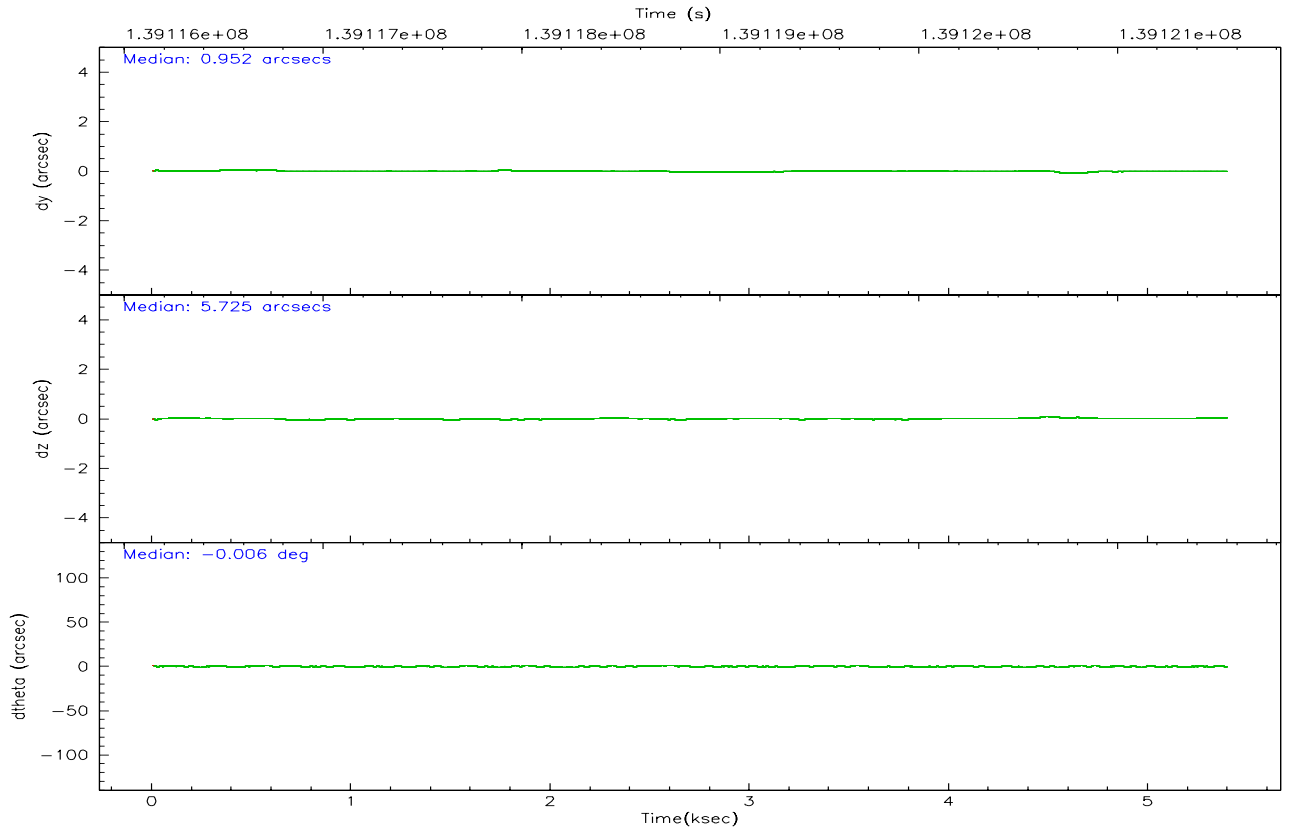
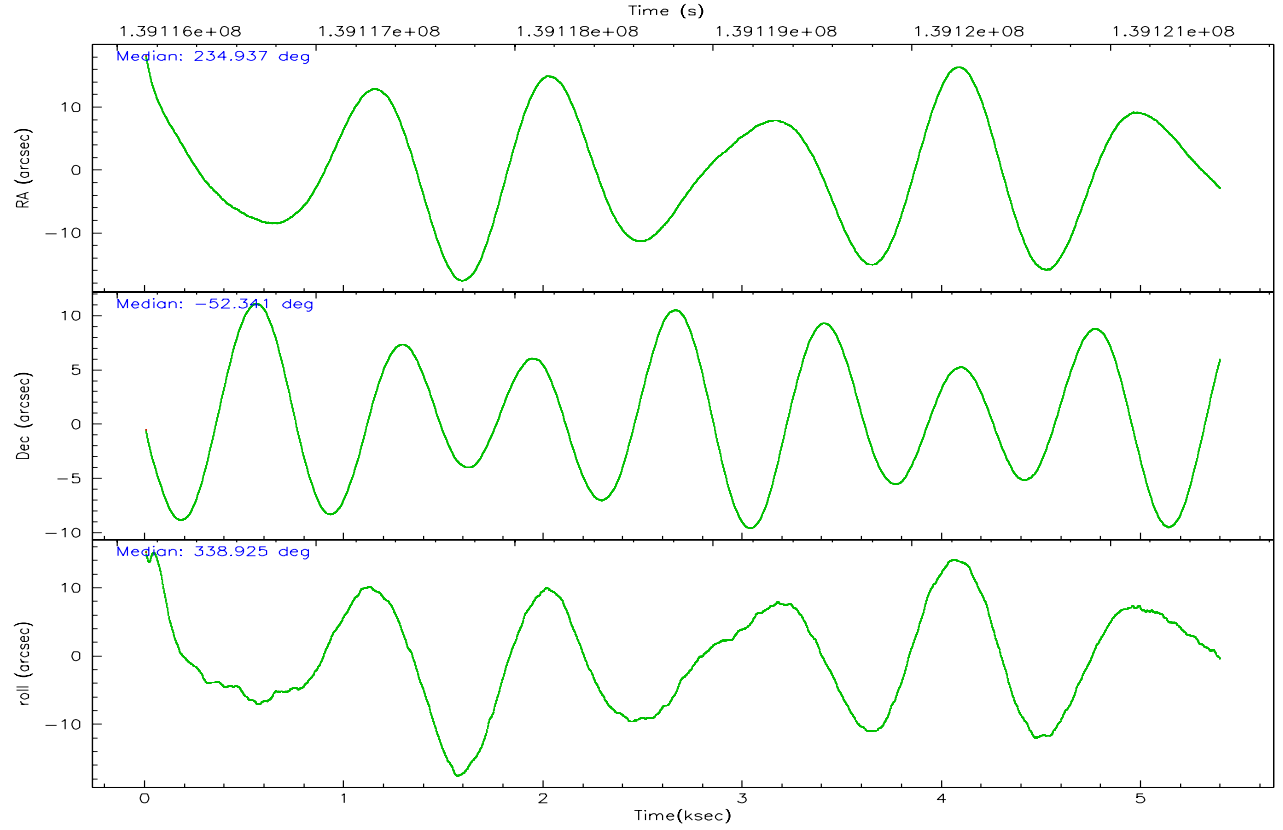
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	1194	1277	4310	1198	1028	1767
	6%	7%	15%	6%	4%	8%
grade 1 events	6	8	37	7	26	10
	0%	0%	0%	0%	0%	0%
grade 2 events	434	425	3807	430	2712	1003
	2%	2%	13%	2%	11%	4%
grade 3 events	193	252	534	220	739	474
	1%	1%	1%	1%	3%	2%
grade 4 events	240	227	292	244	719	442
	1%	1%	1%	1%	3%	2%
grade 5 events	599	633	1412	705	1495	862
	3%	3%	4%	3%	6%	4%
grade 6 events	375	363	6187	399	5620	1054
	2%	2%	21%	2%	23%	4%
grade 7 events	14795	14922	11801	14477	11340	15543
	82%	82%	41%	81%	47%	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	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	234.892804	234.9368851619843	Subarray requested	1/2	1/2
Pointing Dec	-52.346239	-52.3417595643182	Subarray start row	0	257
Pointing Roll	338.743126	338.9346435805124	Subarray row count	1024	512
SIM focus pos (mm)	-0.684267	-0.6828225247311905	Alternating exposures requested	N	N
SIM defocus (mm)	0	0.001444936568705701	Primary exposure time	0.000000	1.8
SIM translation stage pos (mm)	-190.132523	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	139117013.184000	139115722.30882			
Observation start date	2002-05-30T03:35:49	2002-05-30T03:15:22			
Observation end time	139121545.184000	139121858.98407			
Observation end date	2002-05-30T04:51:21	2002-05-30T04:57:38			
Read mode	TIMED	TIMED			

2.3 Aspect



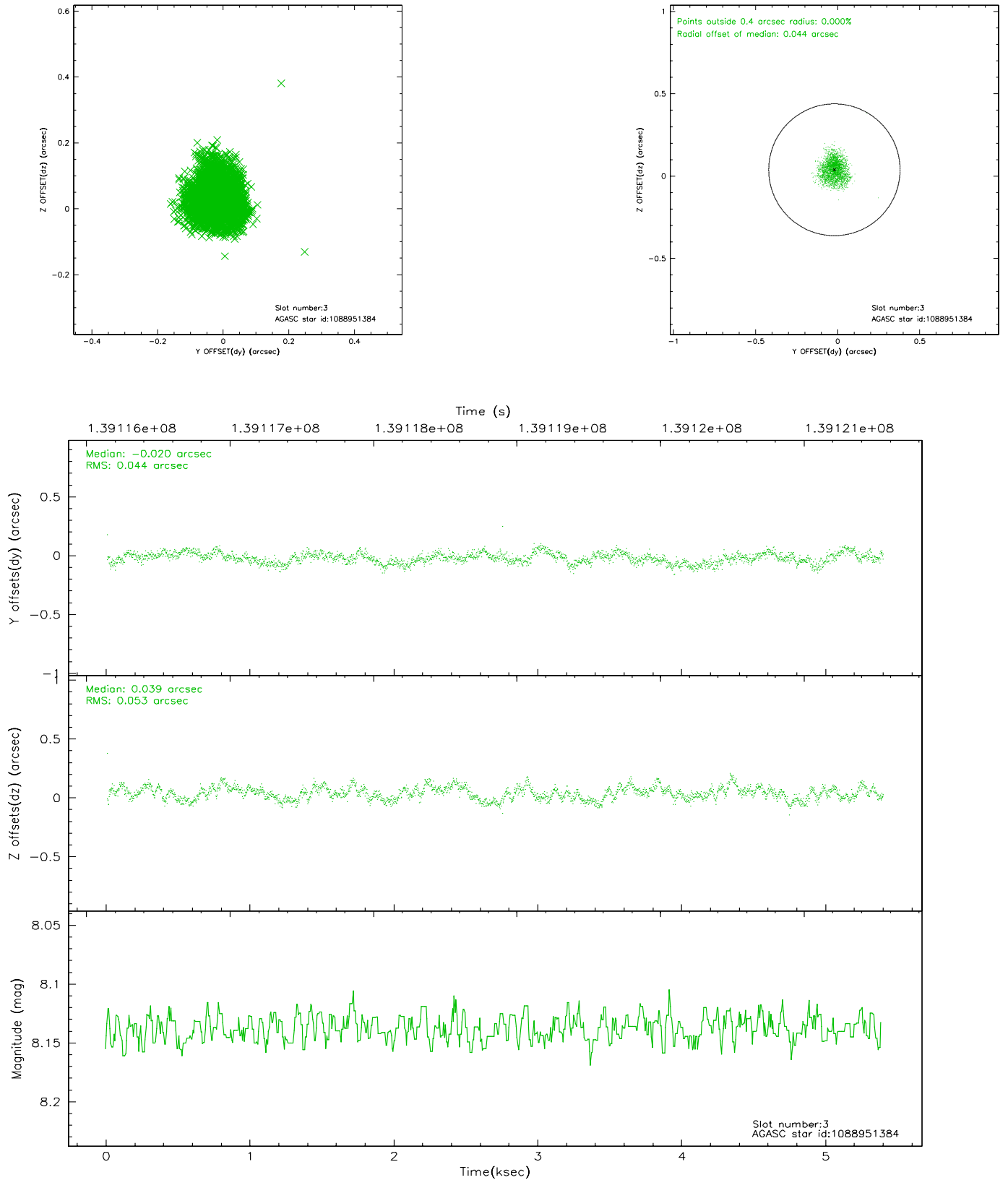


Slot Statistics

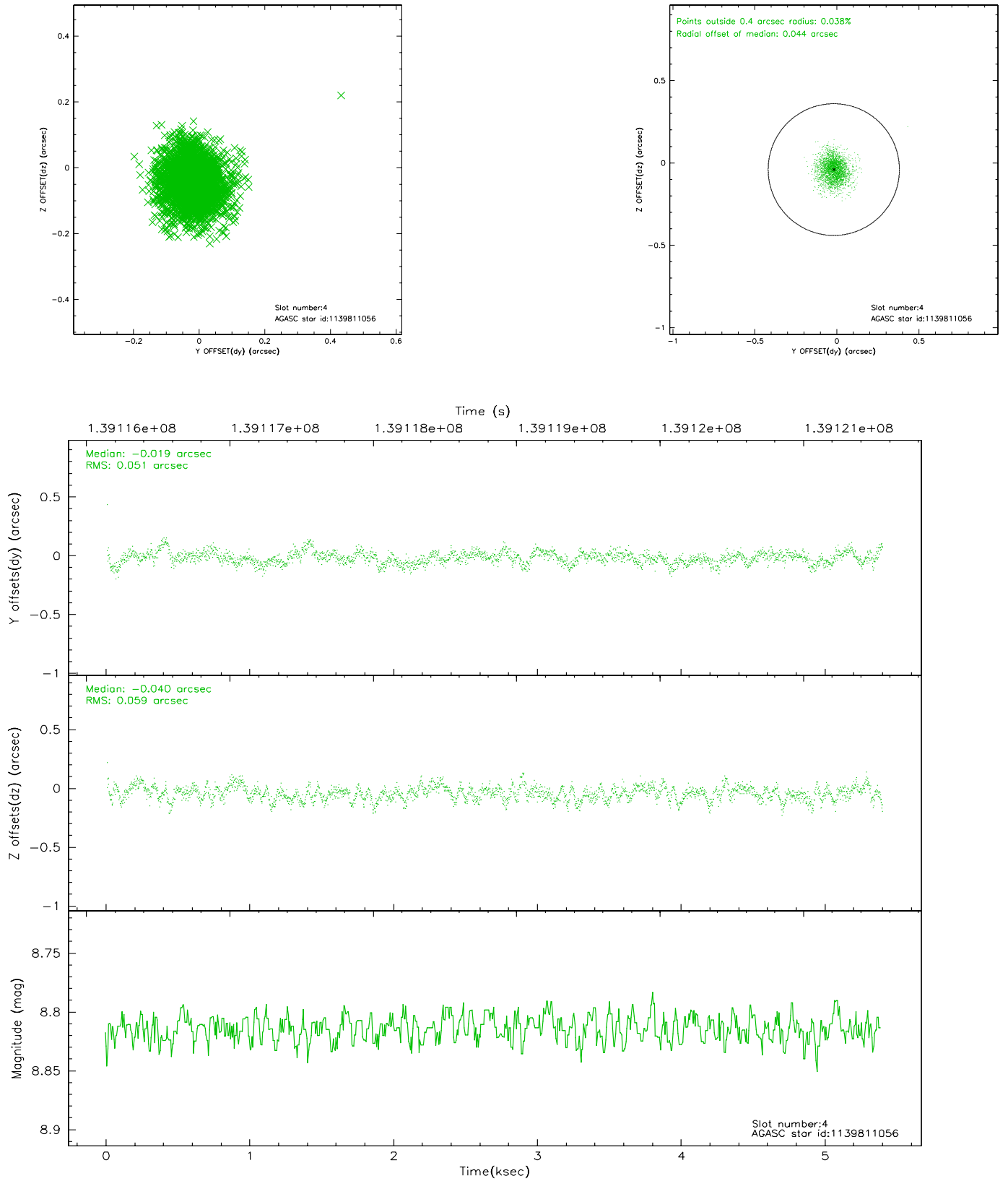
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	1316	-0.057	0.014	0.007	0.011	0.000000	0.000000	-753.55	-1726.86
1	FID	ACIS-S-4	7.21	1316	-0.002	0.024	0.005	0.009	0.000000	0.000000	2159.23	180.55
2	FID	ACIS-S-5	7.24	1316	0.029	-0.029	0.006	0.010	0.000000	0.000000	-1804.91	175.34
3	GUIDE	1088951384	8.14	2631	-0.020	0.039	0.075	0.114	235.194960	-52.473439	783.92	-188.75
4	GUIDE	1139811056	8.81	2629	-0.019	-0.040	0.081	0.136	234.319089	-52.747445	-639.30	-1805.40
5	GUIDE	1088953416	8.95	2627	0.012	0.003	0.077	0.126	235.692865	-52.085915	1312.58	1504.31
6	GUIDE	1088950264	9.20	2632	0.018	-0.026	0.091	0.147	235.183580	-52.231636	448.69	615.28
7	GUIDE	1088951112	9.60	2630	-0.000	0.029	0.188	0.264	235.531311	-52.139559	1047.10	1198.42

2.4 Star Slots

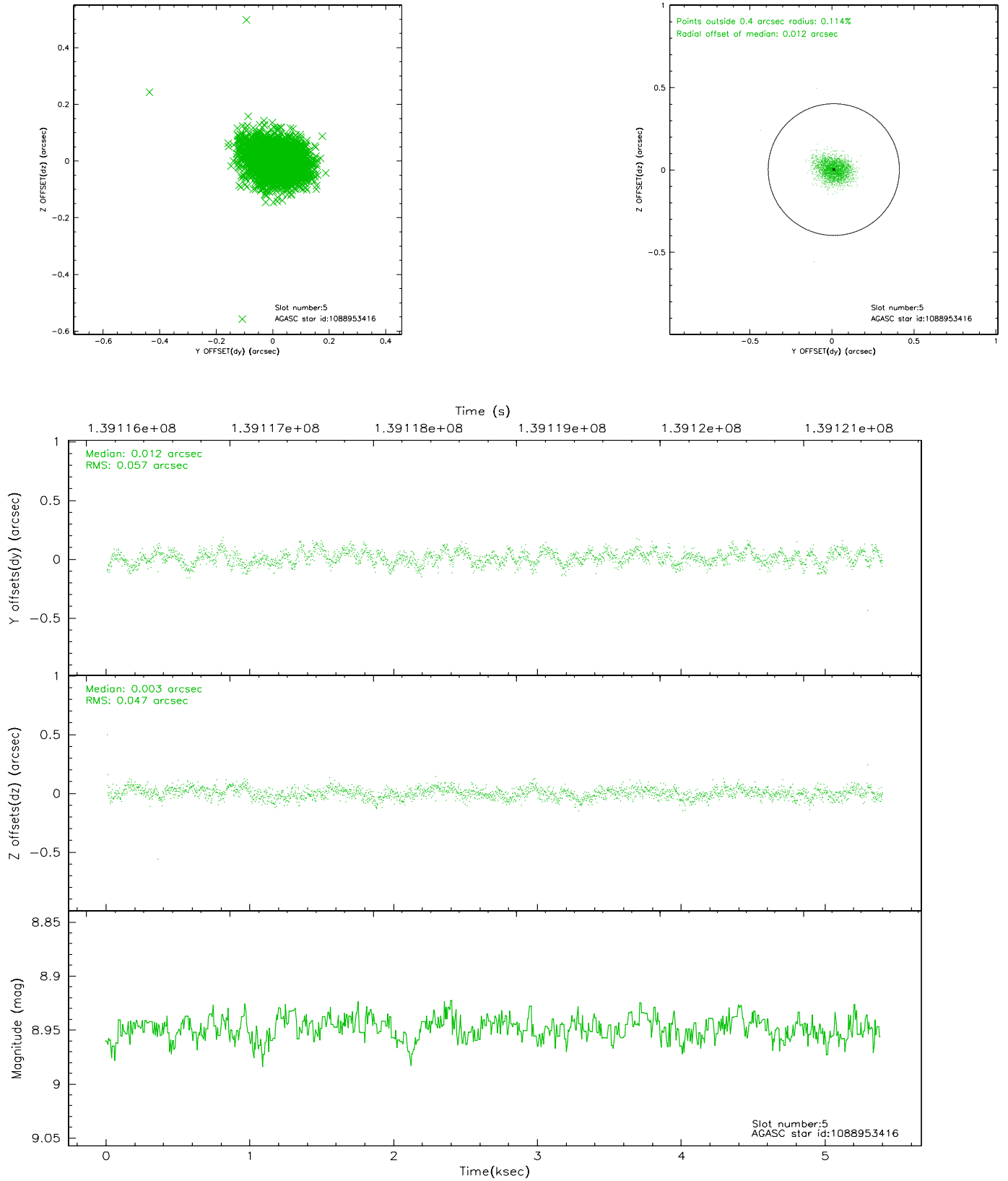
2.4.1 Slot 3



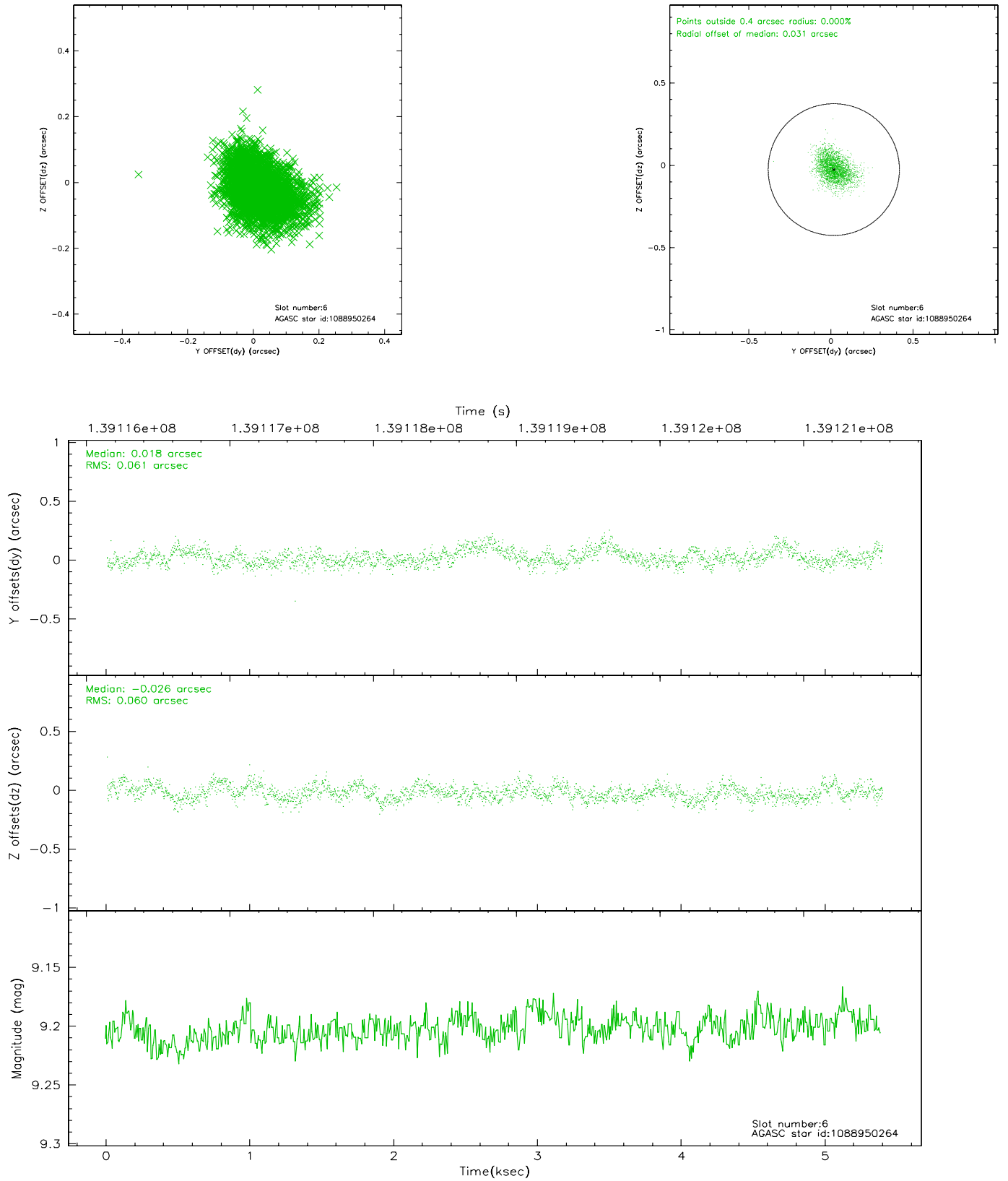
2.4.2 Slot 4



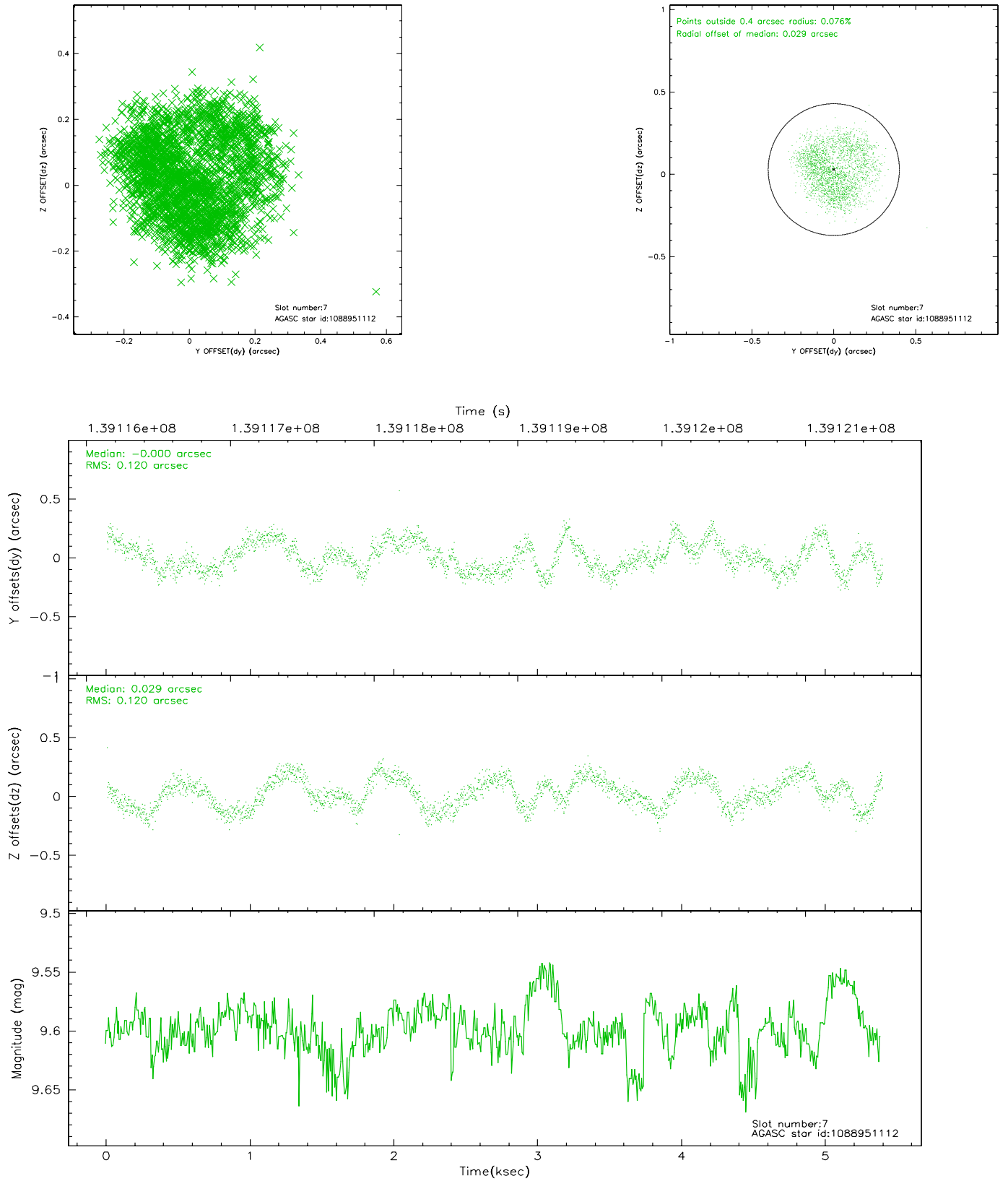
2.4.3 Slot 5



2.4.4 Slot 6

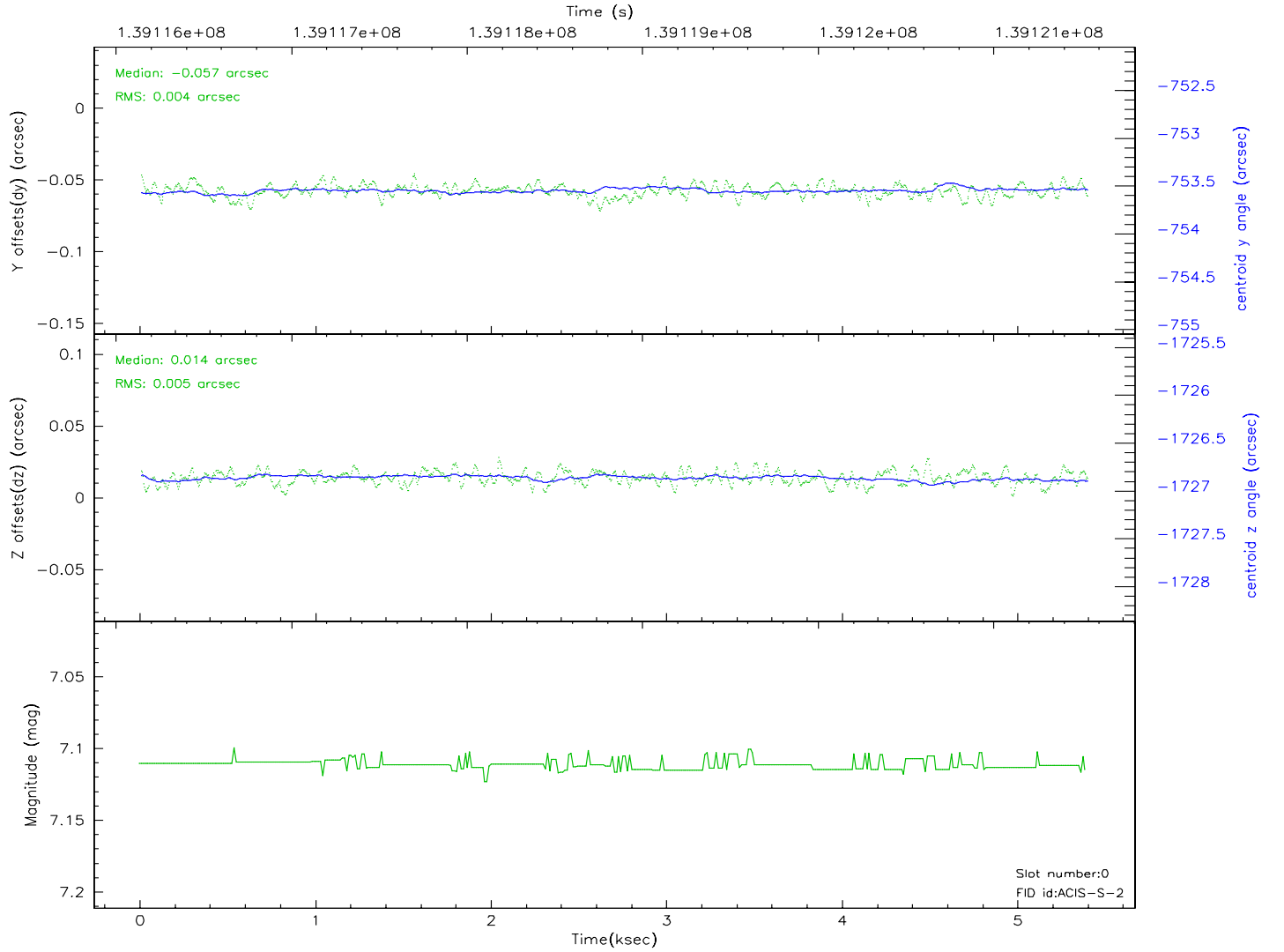
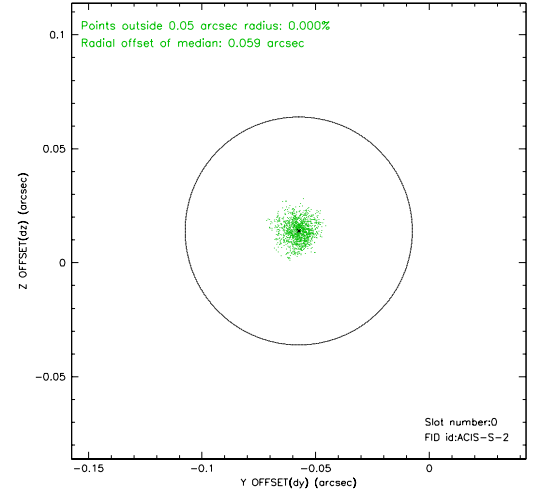
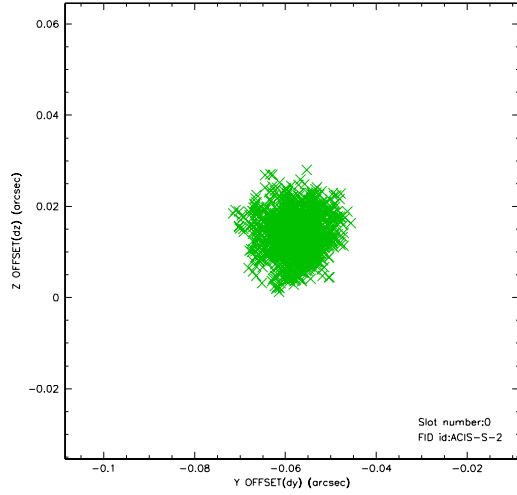


2.4.5 Slot 7

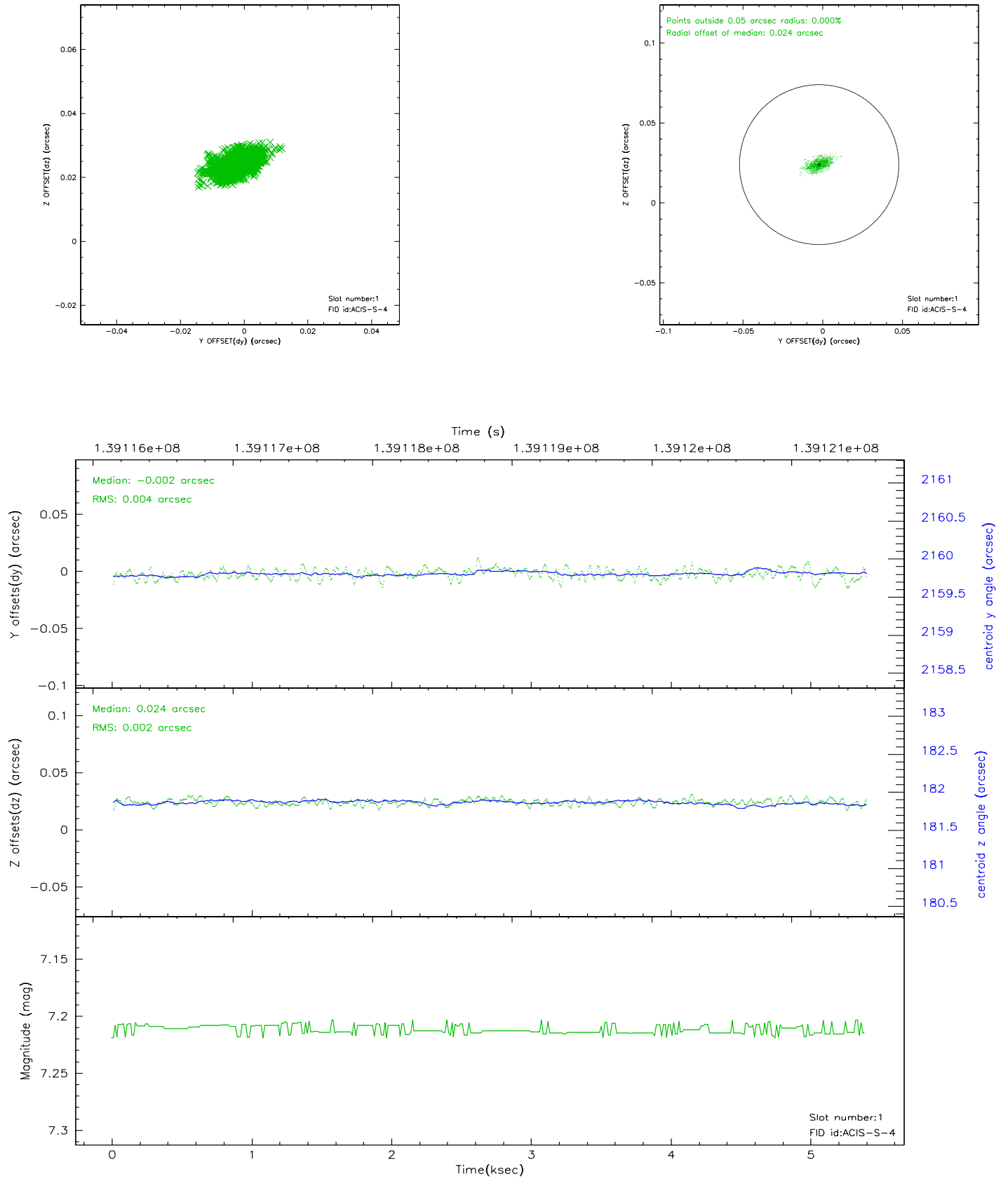


2.5 FID Slots

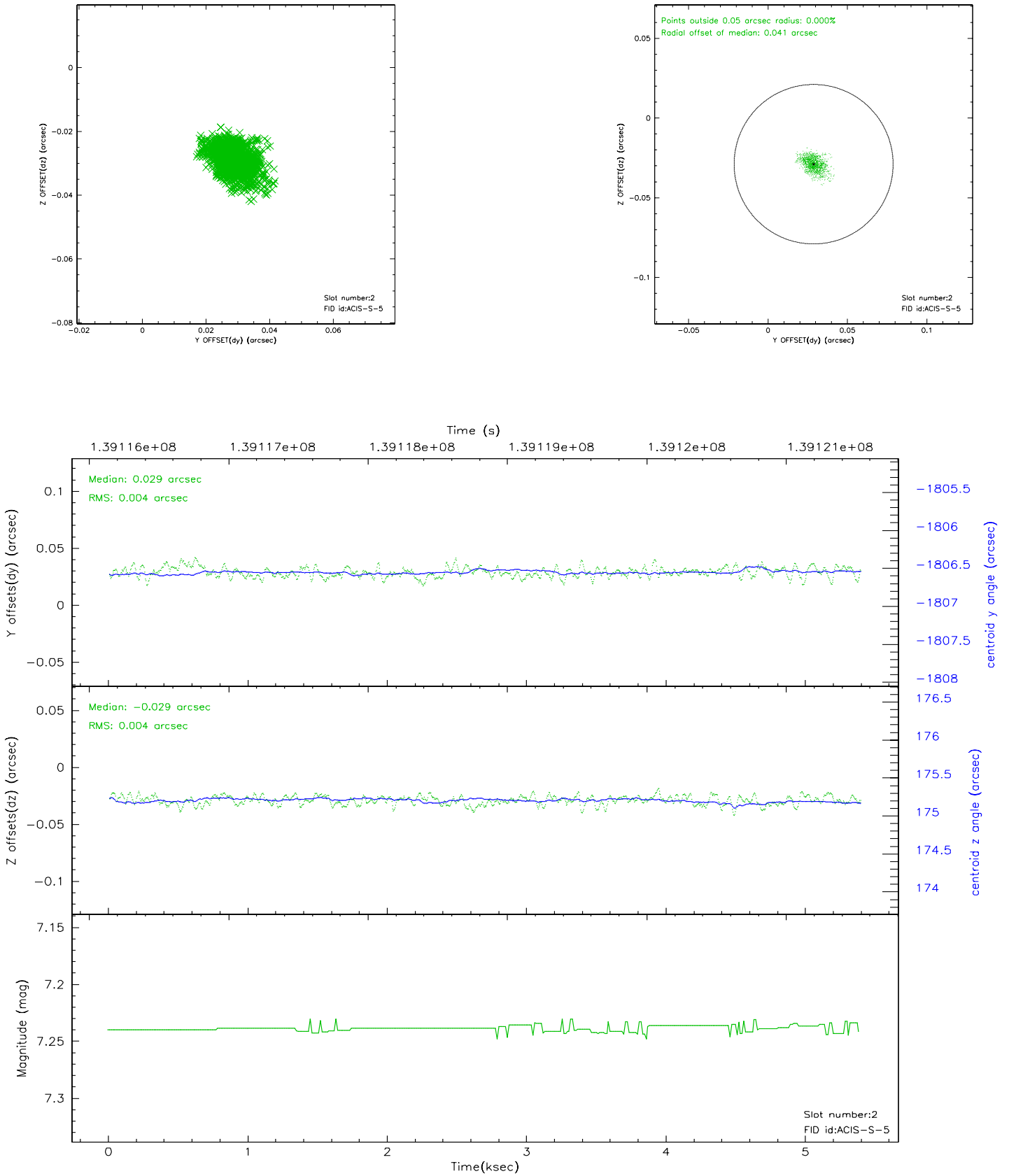
2.5.1 Slot 0



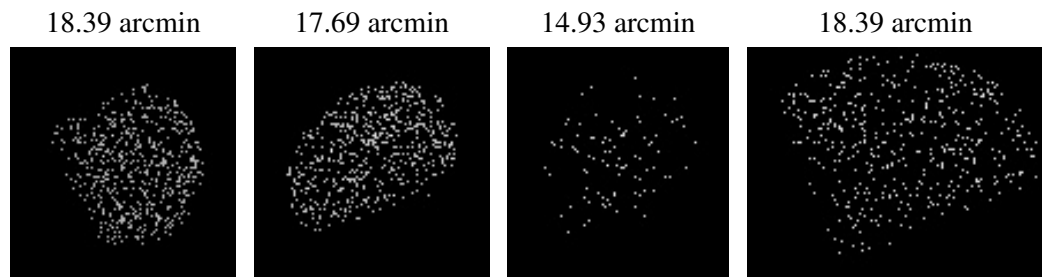
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.09.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.935

A.2 Comments