

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 5283 - L2 Version 001
Chandra X-Ray Center

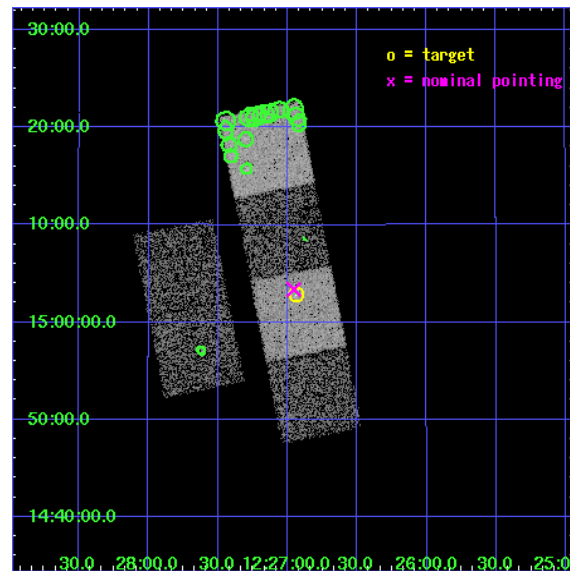
L2 Processing Date : Jun 4 2006

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1 Front

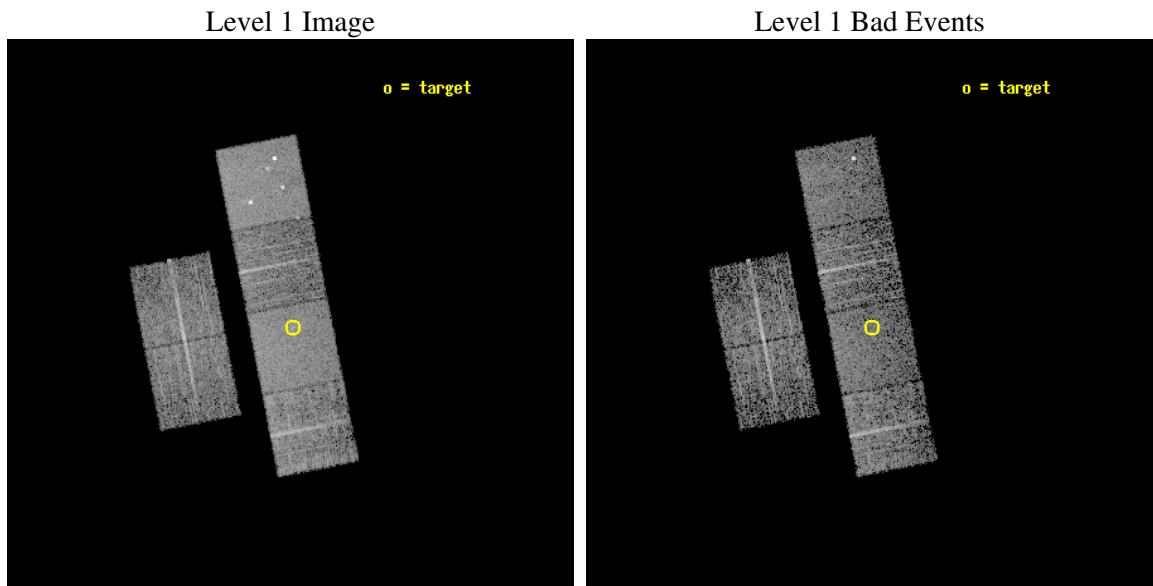
seq_num	701012
obs_id	5283
title	A CHANDRA SURVEY OF INFRARED-BRIGHT LINER GALAXIES
observer	Dr. Shobita Satyapal
object	NGC4419
dtcycle	0
cycle	P
ra_targ	186.735
dec_targ	15.047222
ra_nom	186.73864720078
dec_nom	15.056264721158
roll_nom	78.912739535793
revision	2
ontime	5126.3999809027
livetime	5061.486417597
ontime2	5126.3999809027
ontime3	5126.3999809027
ontime5	5126.3999809027
ontime6	5126.3999809027
ontime7	5126.3999809027
ontime8	5126.3999809027
l2events	49108



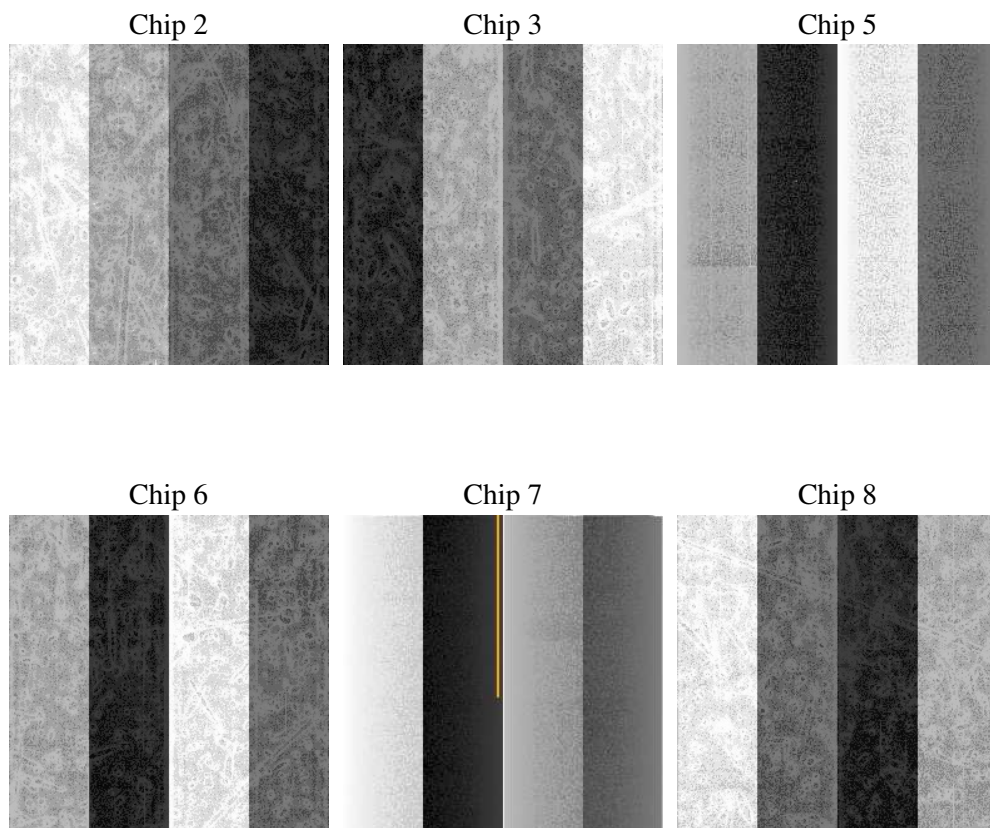
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.2
caldbver	3.2.2
date	2006-06-04T03:09:33
revision	2

sched_exp_time	5000.000000
ontime	6086.6049760878
ontime2	6086.6049561799
ontime3	6086.6049760878
ontime5	6086.6049760878
ontime6	6086.6049760878
ontime7	6086.6049760878
ontime8	6089.8459662497
l1events	262478

2.1.4 Events

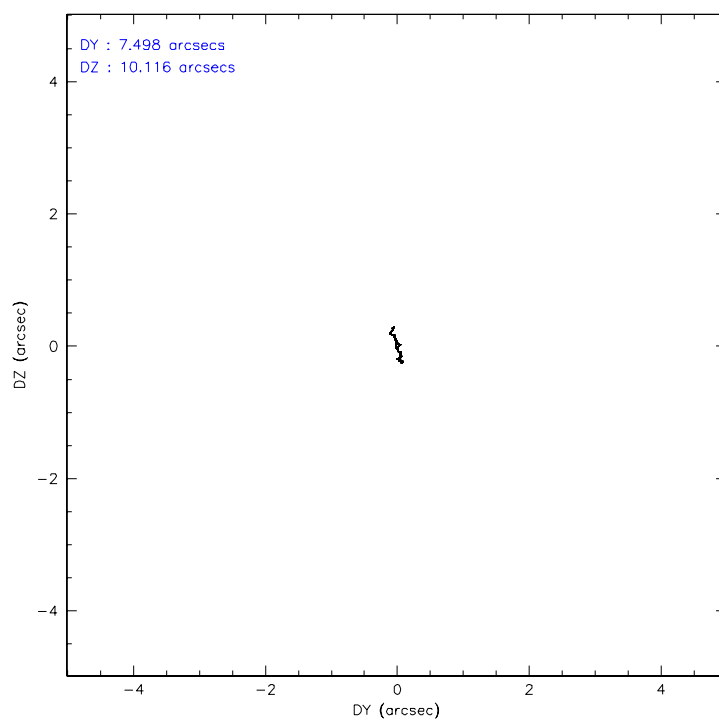
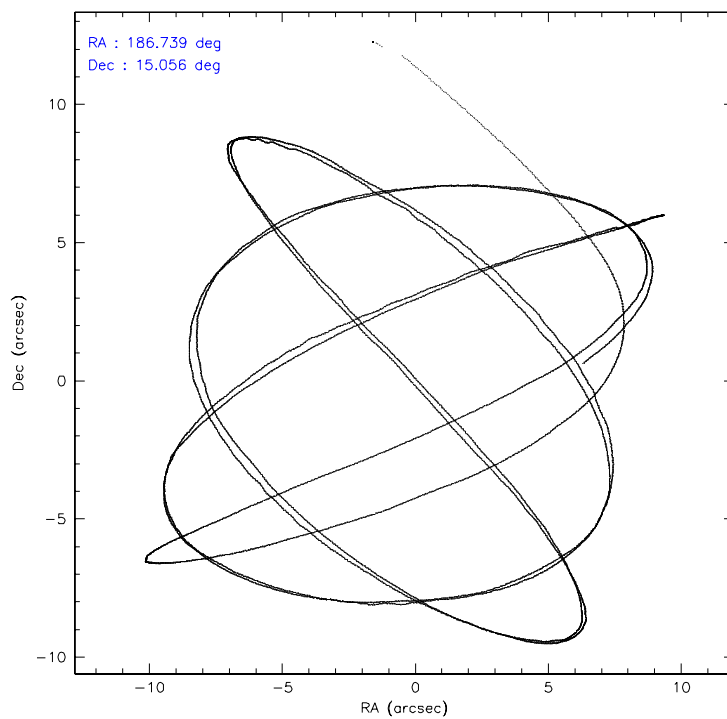
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	36557	35565	58192	36155	50113	45896
rejected events	32686	31718	36060	32223	33807	37637
rejected %	89%	89%	61%	89%	67%	82%

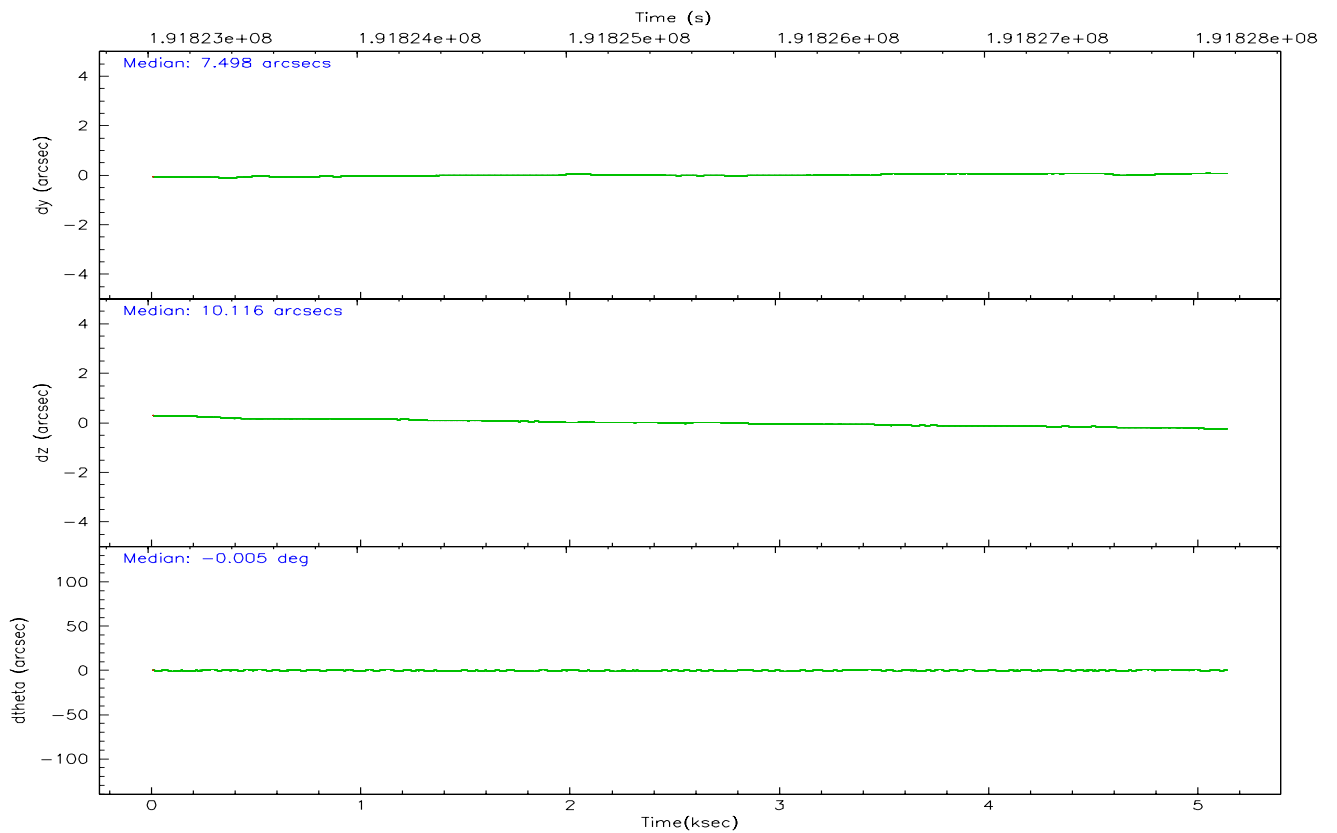
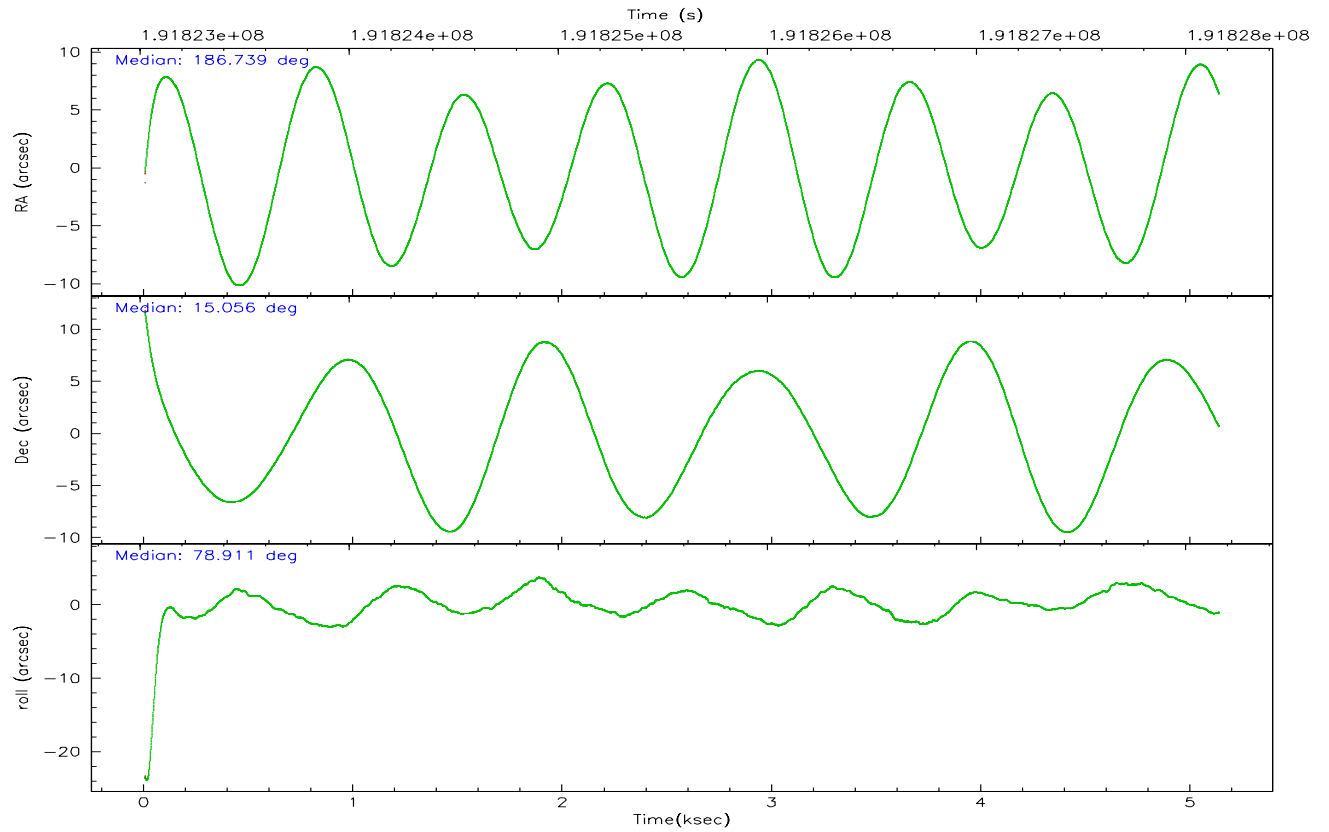
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	2109	2039	3372	1931	1270	3203
	5%	5%	5%	5%	2%	6%
grade 1 events	26	16	62	17	20	41
	0%	0%	0%	0%	0%	0%
grade 2 events	916	796	8126	940	4784	2145
	2%	2%	13%	2%	9%	4%
grade 3 events	447	462	530	429	950	960
	1%	1%	0%	1%	1%	2%
grade 4 events	413	415	539	442	961	925
	1%	1%	0%	1%	1%	2%
grade 5 events	1485	1585	2779	1648	3254	2222
	4%	4%	4%	4%	6%	4%
grade 6 events	696	793	13886	913	11316	2707
	1%	2%	23%	2%	22%	5%
grade 7 events	30465	29459	28898	29835	27558	33693
	83%	82%	49%	82%	54%	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	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	186.748121	186.7386472007752	Alternating exposures requested	N	N
Pointing Dec	15.030596	15.0562647211575	Primary exposure time	0.000000	3.2
Pointing Roll	78.753713	78.91273953579284			
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	191823165.184000	191821658.10776			
Observation start date	2004-01-30T04:11:41	2004-01-30T03:47:38			
Observation end time	191828165.184000	191829166.74558			
Observation end date	2004-01-30T05:35:01	2004-01-30T05:52:46			
Read mode	TIMED	TIMED			

2.3 Aspect



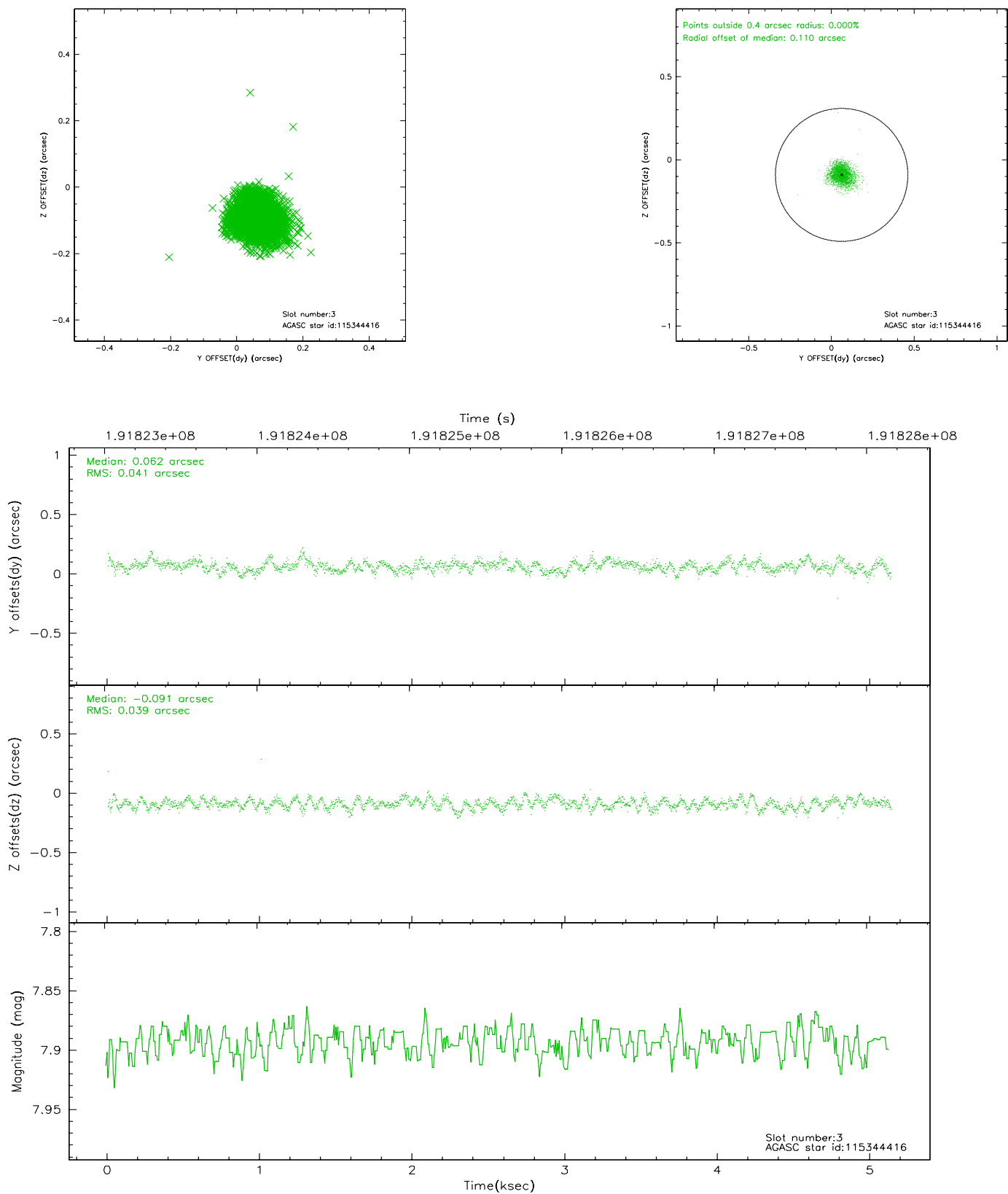


Slot Statistics

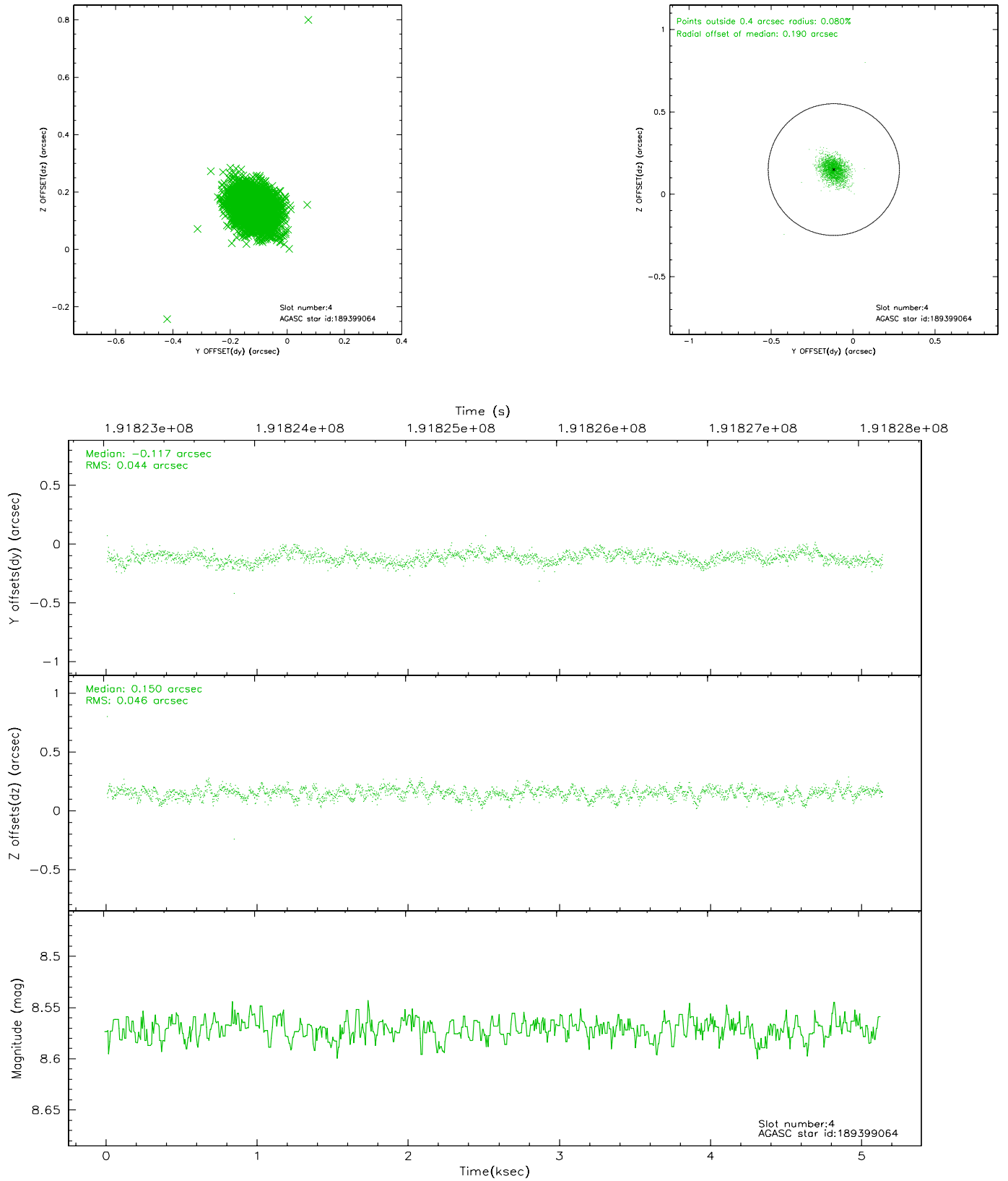
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.09	1252	-0.015	0.005	0.005	0.010	0.000000	0.000000	-760.24	-1731.37
1	FID	ACIS-S-4	7.20	1253	0.020	0.006	0.006	0.010	0.000000	0.000000	2152.50	175.94
2	FID	ACIS-S-6	7.34	1253	-0.033	-0.003	0.007	0.011	0.000000	0.000000	403.19	814.64
3	GUIDE	115344416	7.89	2505	0.062	-0.091	0.060	0.095	186.624628	14.572004	-1702.97	100.31
4	GUIDE	189399064	8.57	2505	-0.117	0.150	0.066	0.108	187.048930	15.252486	987.21	-868.42
5	GUIDE	189402384	8.77	2504	-0.124	0.163	0.079	0.126	187.044872	15.618538	2277.70	-595.96
6	GUIDE	115212664	9.61	2503	0.243	-0.068	0.111	0.185	186.112214	14.500161	-2301.41	1802.05
7	GUIDE	189402160	9.61	2504	-0.060	-0.153	0.091	0.144	186.723517	15.477538	1560.43	398.47

2.4 Star Slots

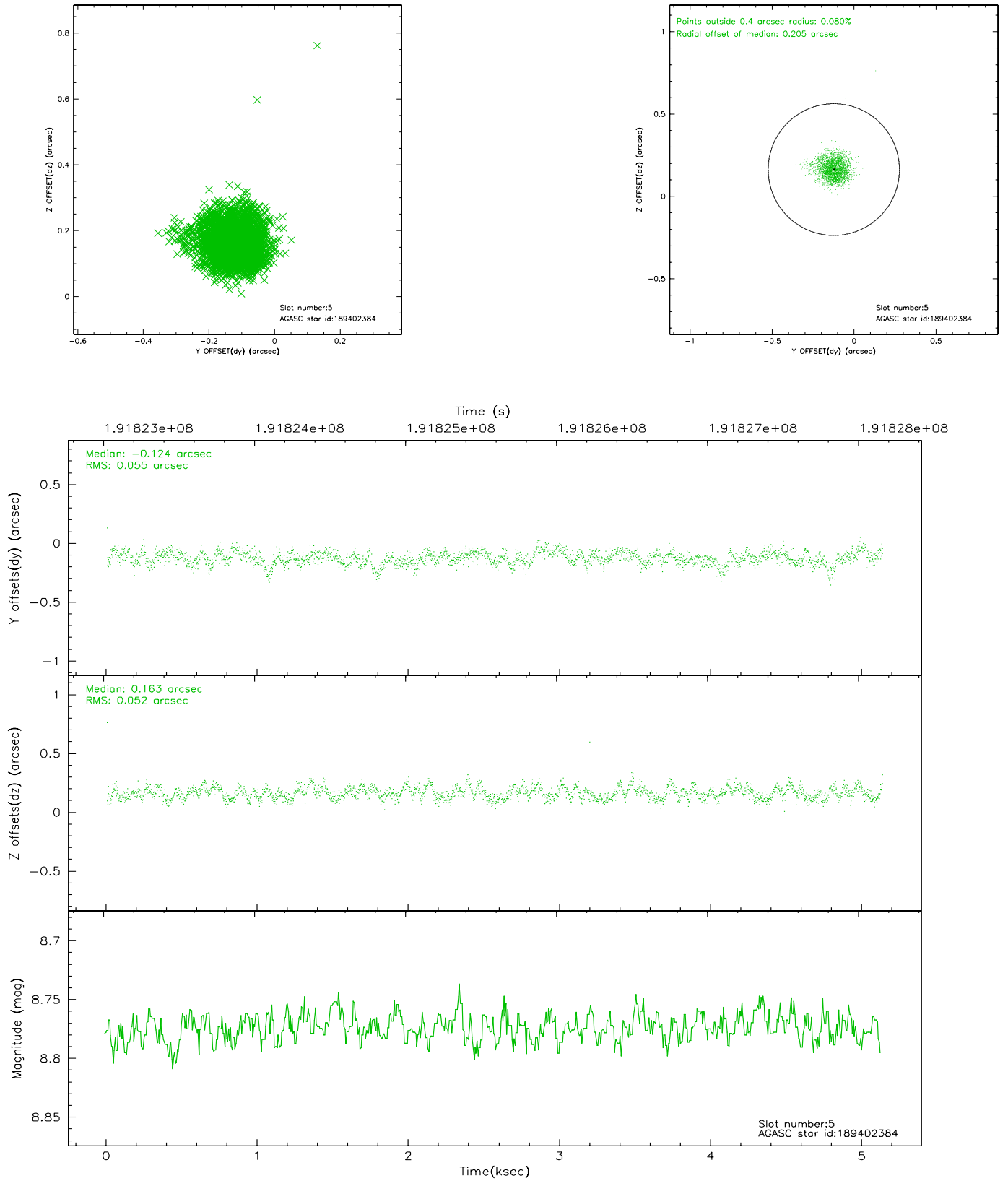
2.4.1 Slot 3



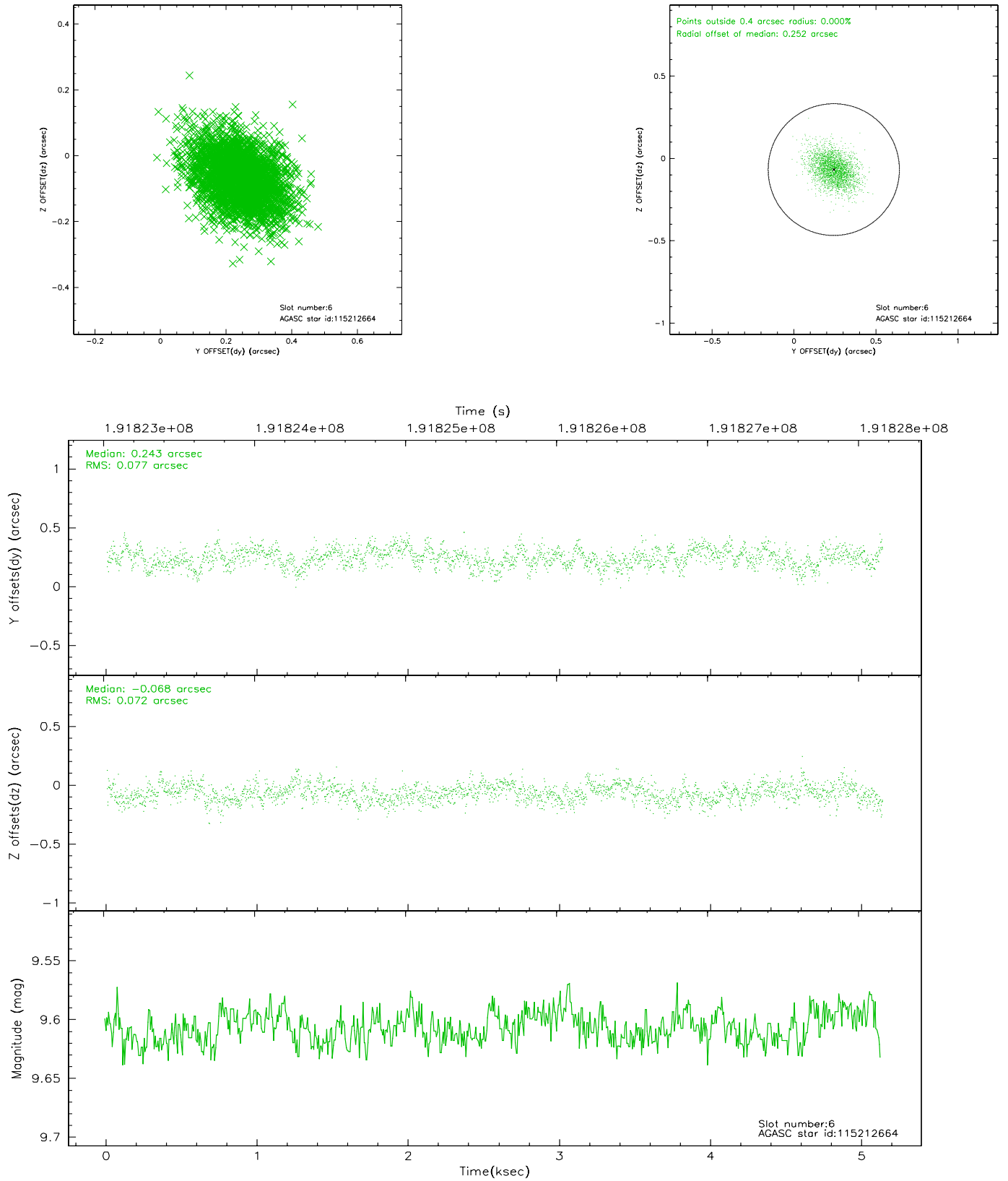
2.4.2 Slot 4



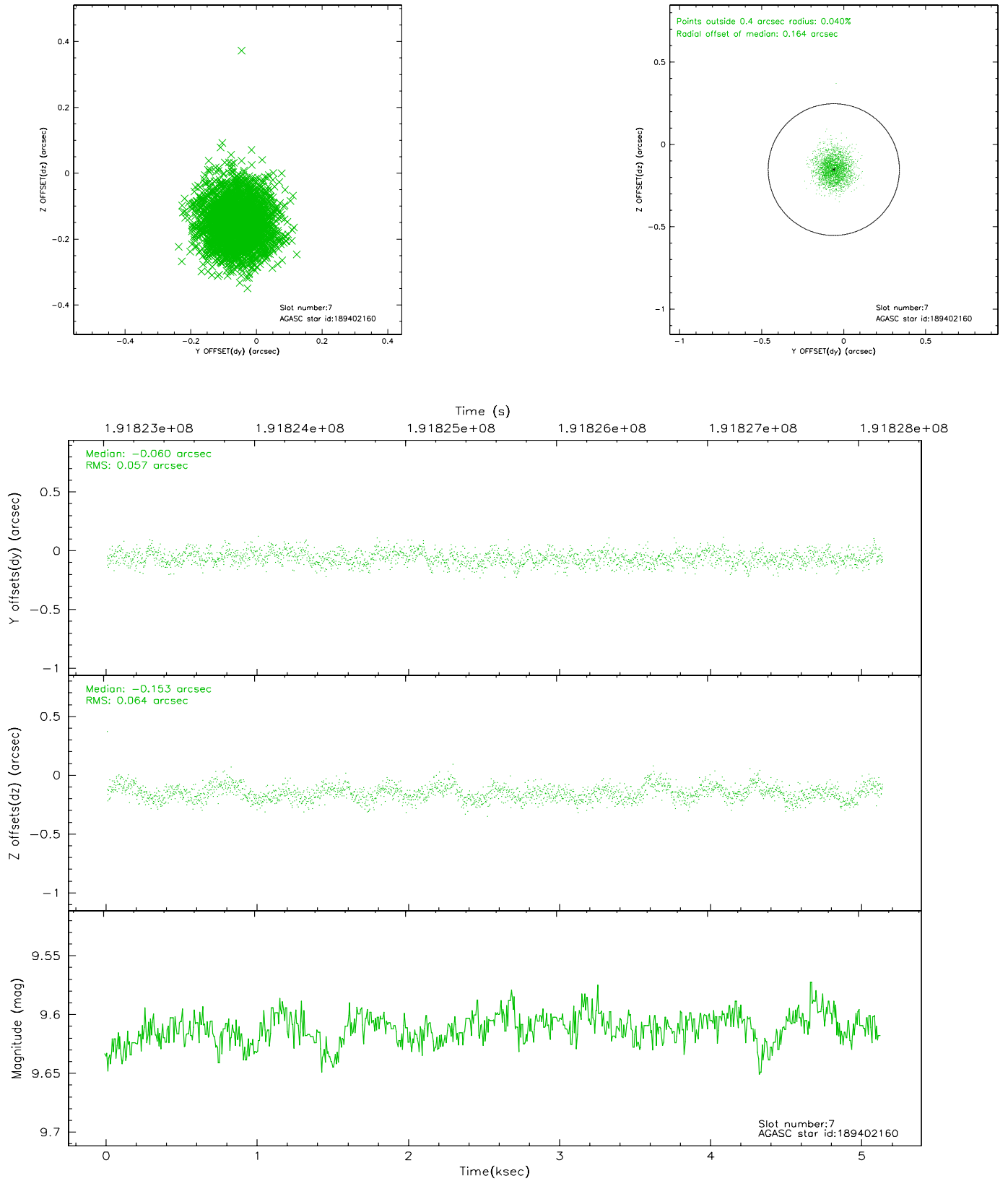
2.4.3 Slot 5



2.4.4 Slot 6

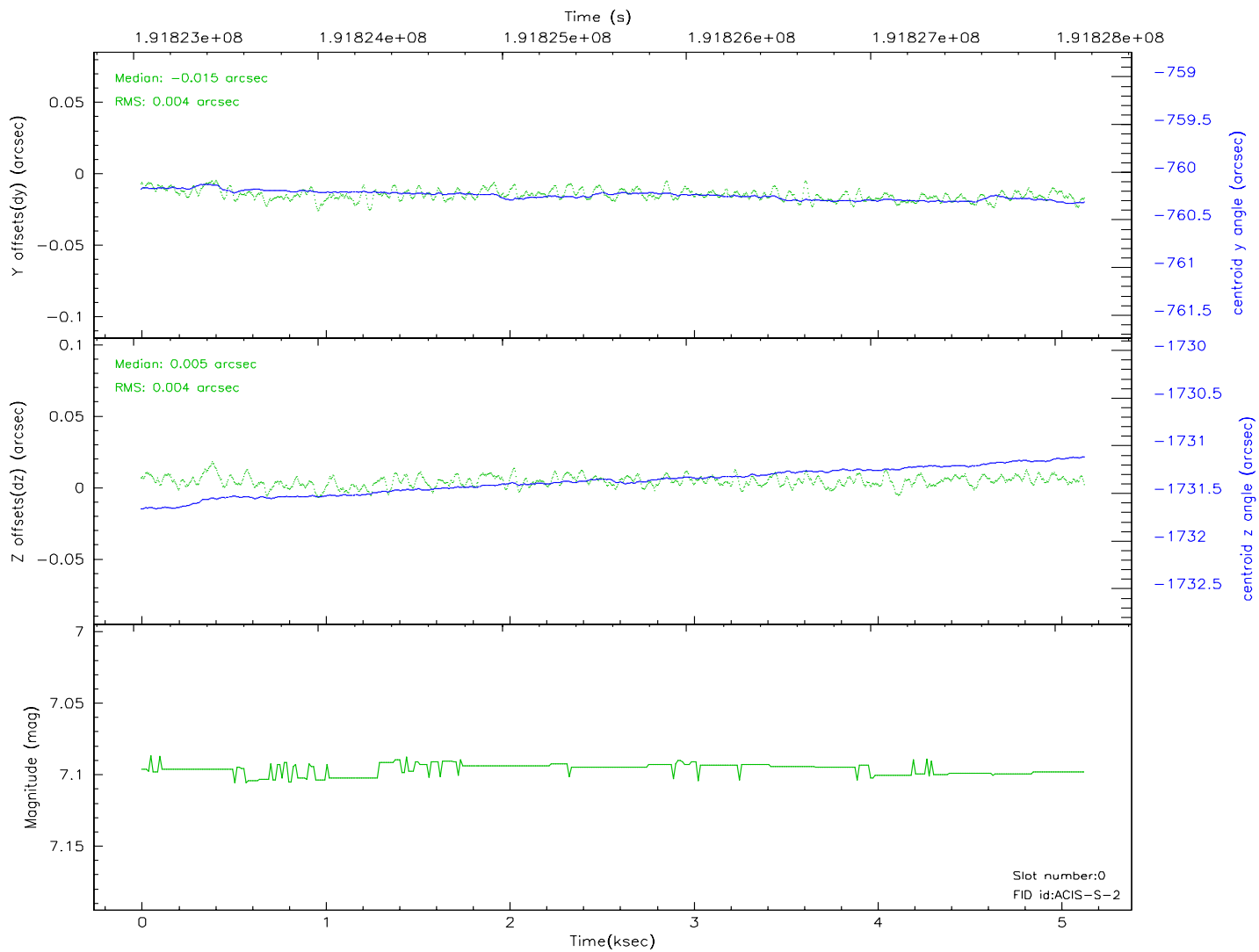
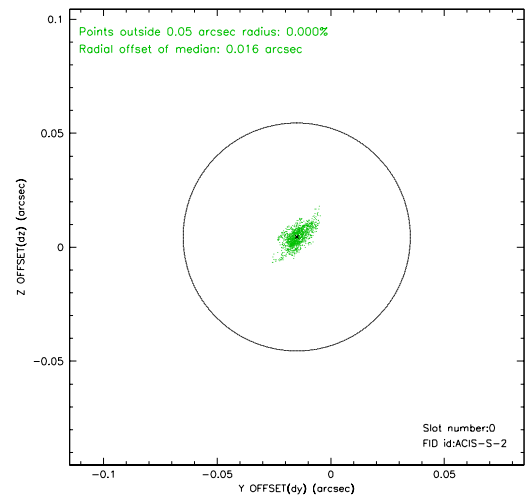
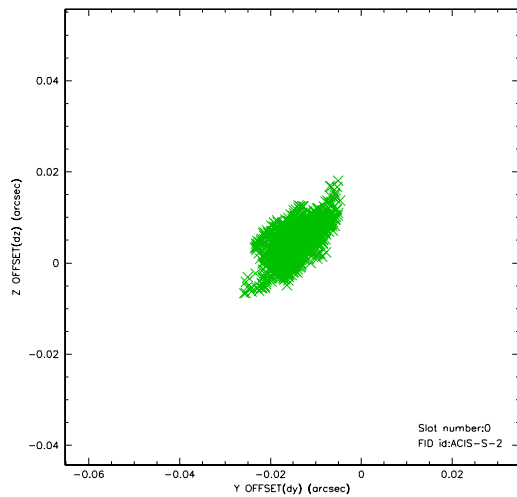


2.4.5 Slot 7

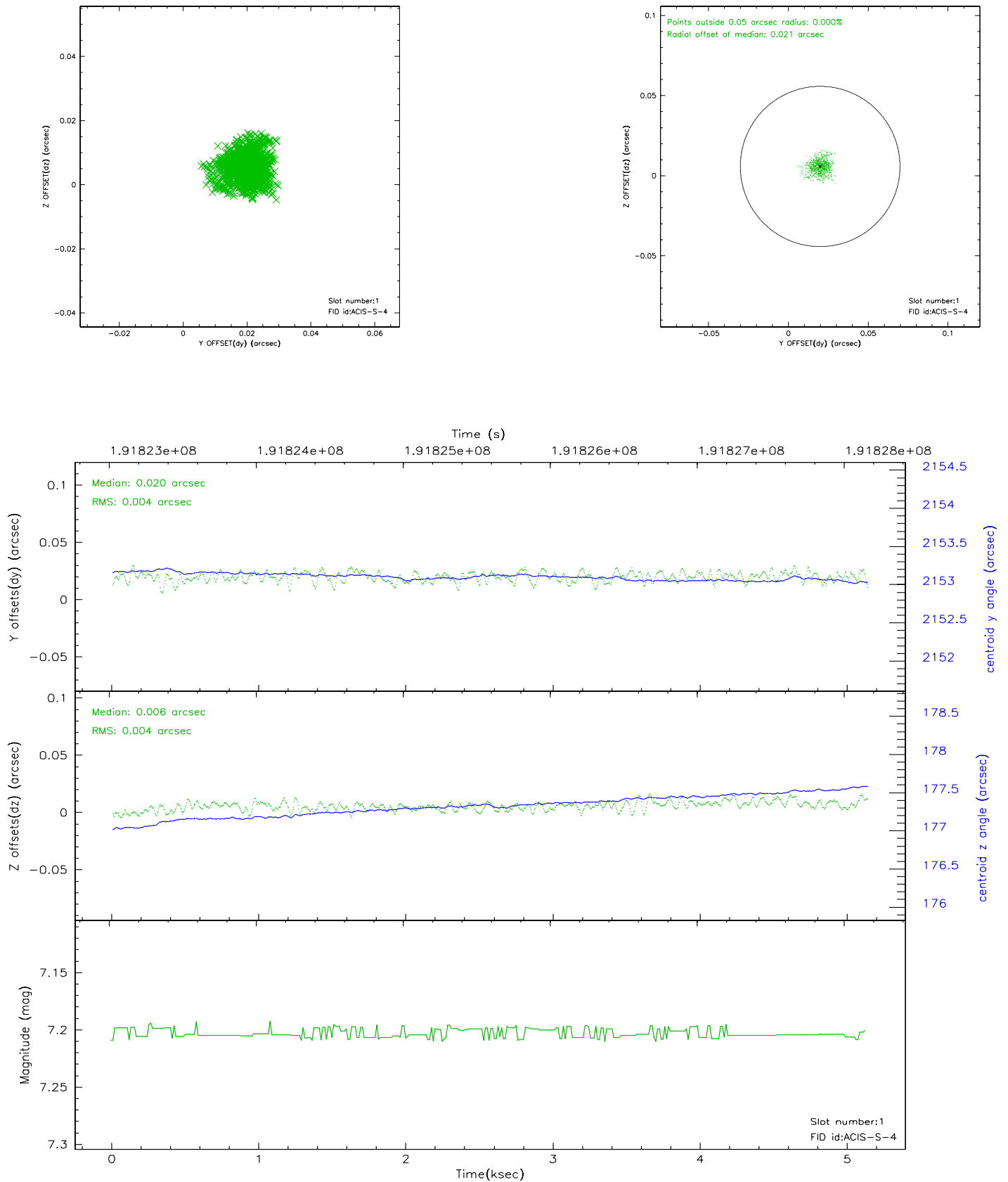


2.5 FID Slots

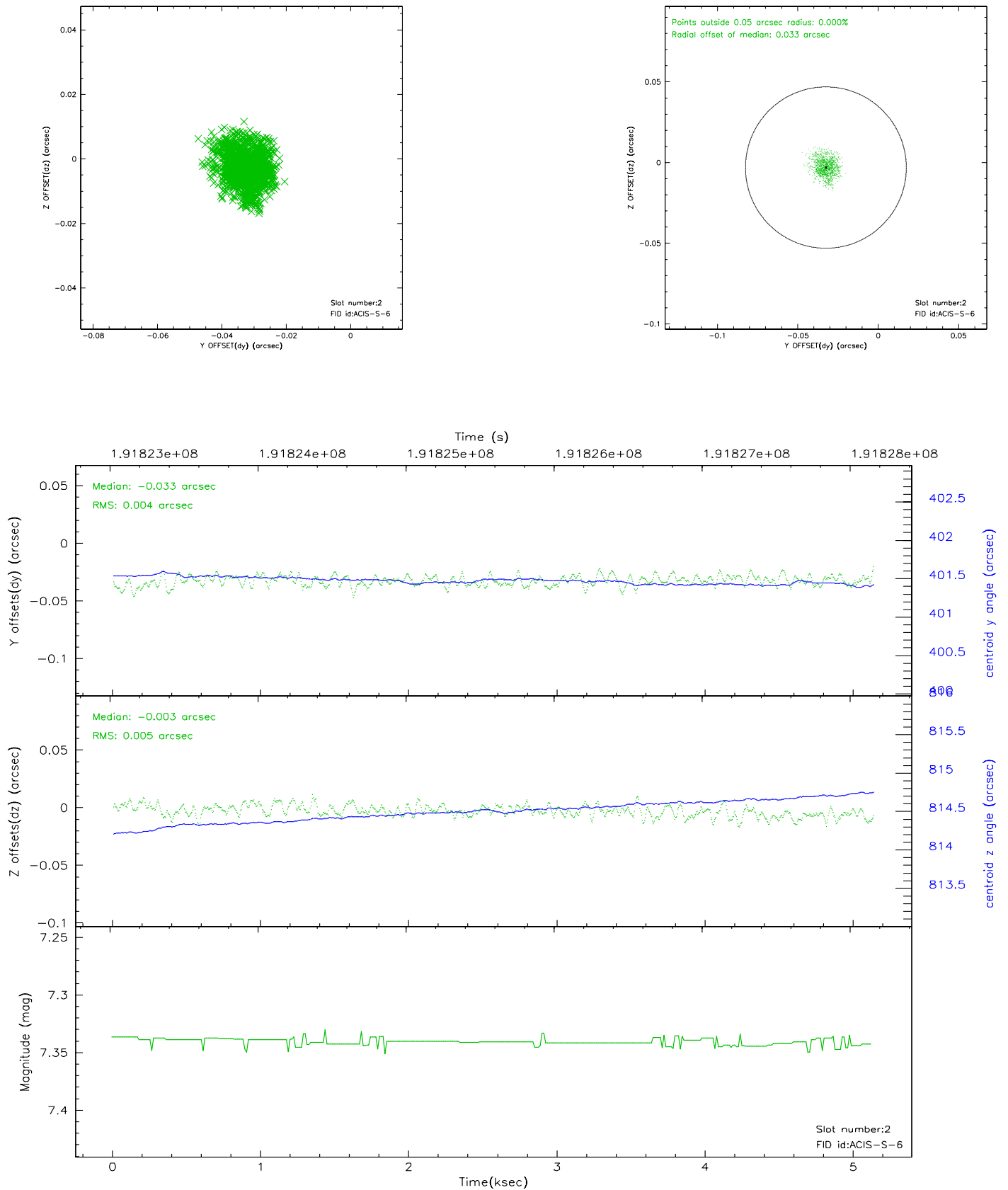
2.5.1 Slot 0



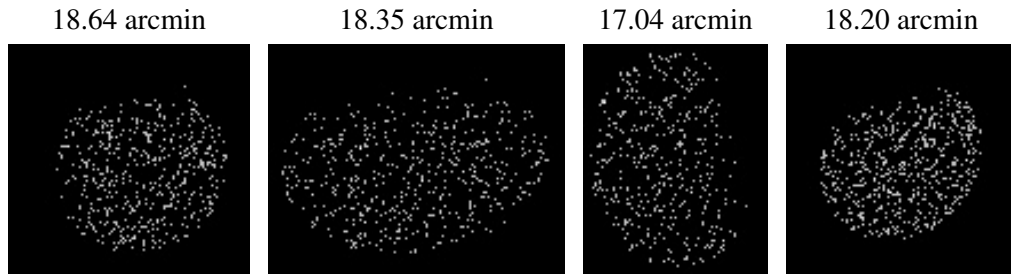
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.06.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.126

A.2 Comments