

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 5711 - L2 Version 002
Chandra X-Ray Center

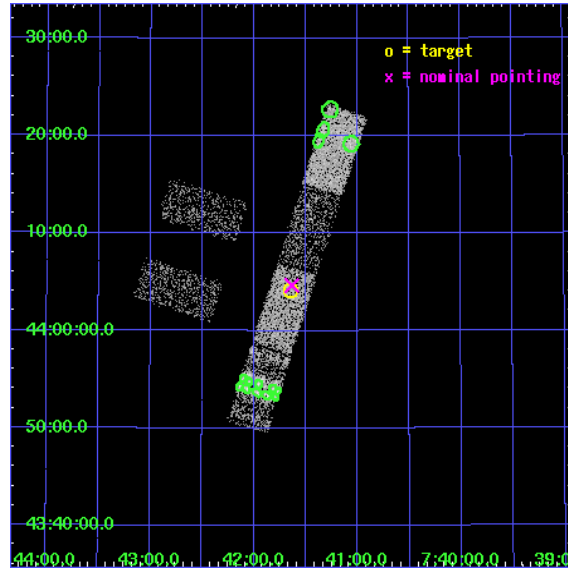
L2 Processing Date : Apr 8 2006

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1 Front

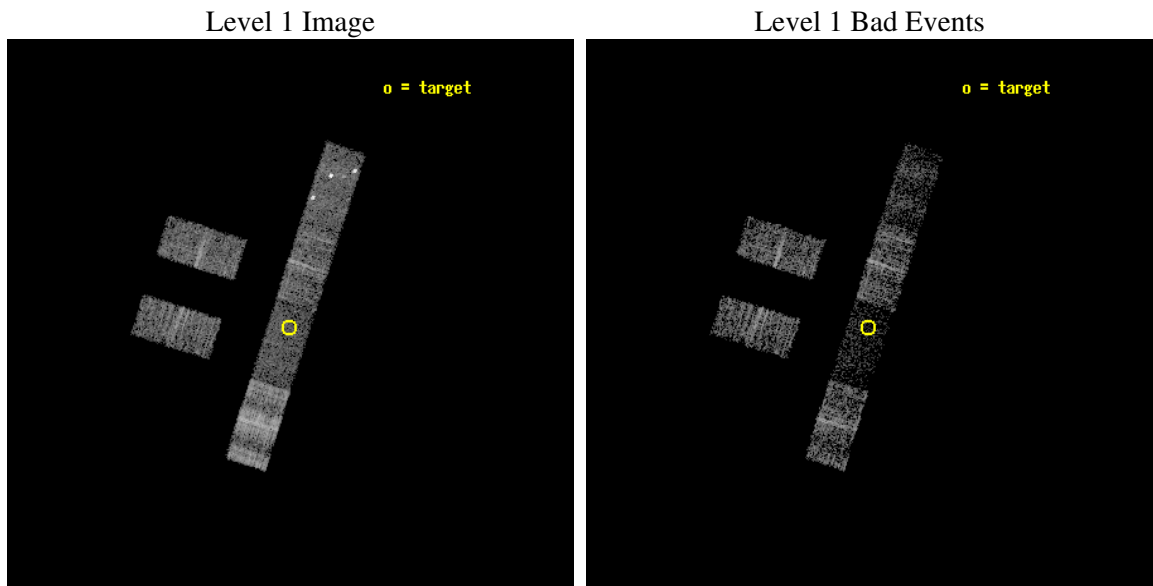
seq_num	701133
obs_id	5711
title	What kind of Jets does Nature make? X-ray characterization of the FIRST Flat Spectrum Sample
observer	Dr. Giovanni Fossati
object	B3 0738+441
dtcycle	0
cycle	P
ra_targ	115.410417
dec_targ	44.068
ra_nom	115.40826755794
dec_nom	44.077618971393
roll_nom	107.85962179821
revision	2
ontime	3182.4000210762
livetime	3111.4587613182
ontime2	3182.4000210762
ontime3	3182.4000210762
ontime5	3182.4000210762
ontime6	3182.4000210762
ontime7	3182.4000210762
ontime8	3180.5590109229
l2events	13576



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 2

Chip 3

Chip 5



Chip 6

Chip 7

Chip 8



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.1
caldbver	3.2.1
date	2006-04-08T13:10:15
revision	2

sched_exp_time	3000.000000
ontime	3564.2199804485
ontime2	3564.2199804485
ontime3	3564.2199804485
ontime5	3564.2199804485
ontime6	3564.2199804485
ontime7	3564.2199804485
ontime8	3562.3789702952
l1events	82270

2.1.4 Events

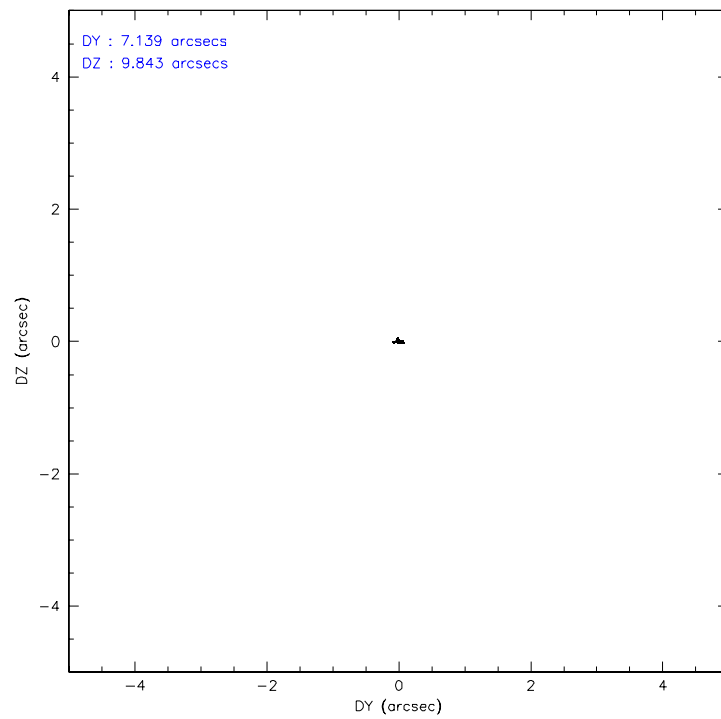
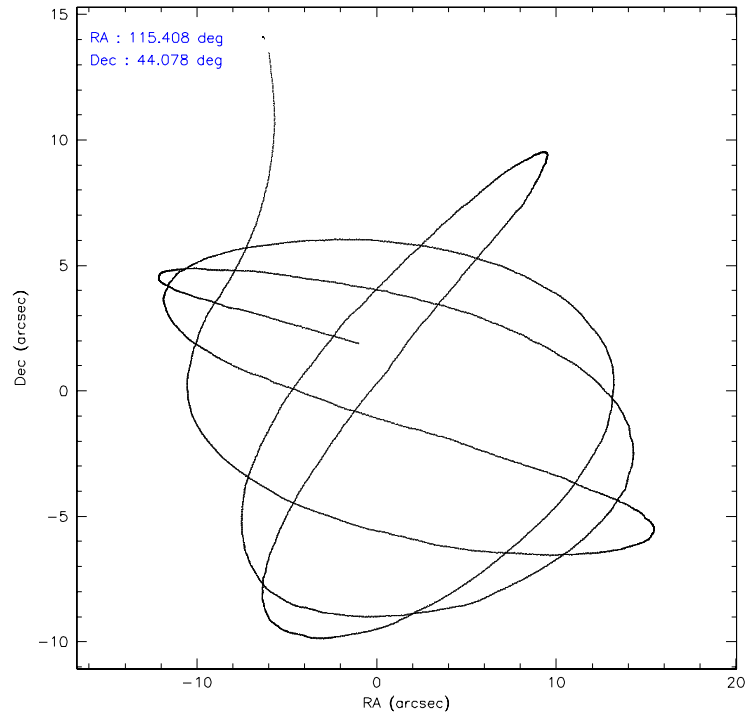
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	11952	11522	14485	11908	6869	25534
rejected events	10639	10617	5644	10580	3188	12605
rejected %	89%	92%	38%	88%	46%	49%

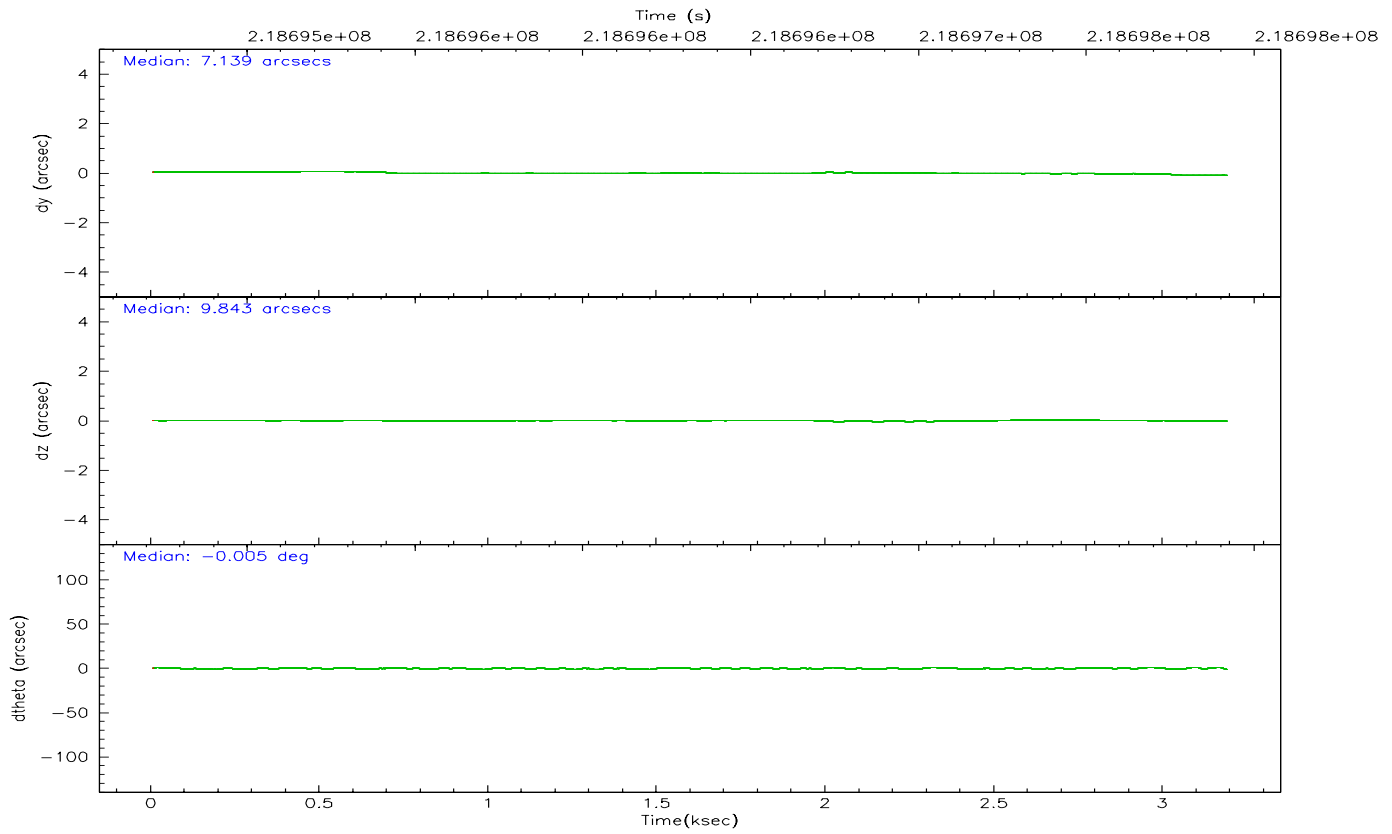
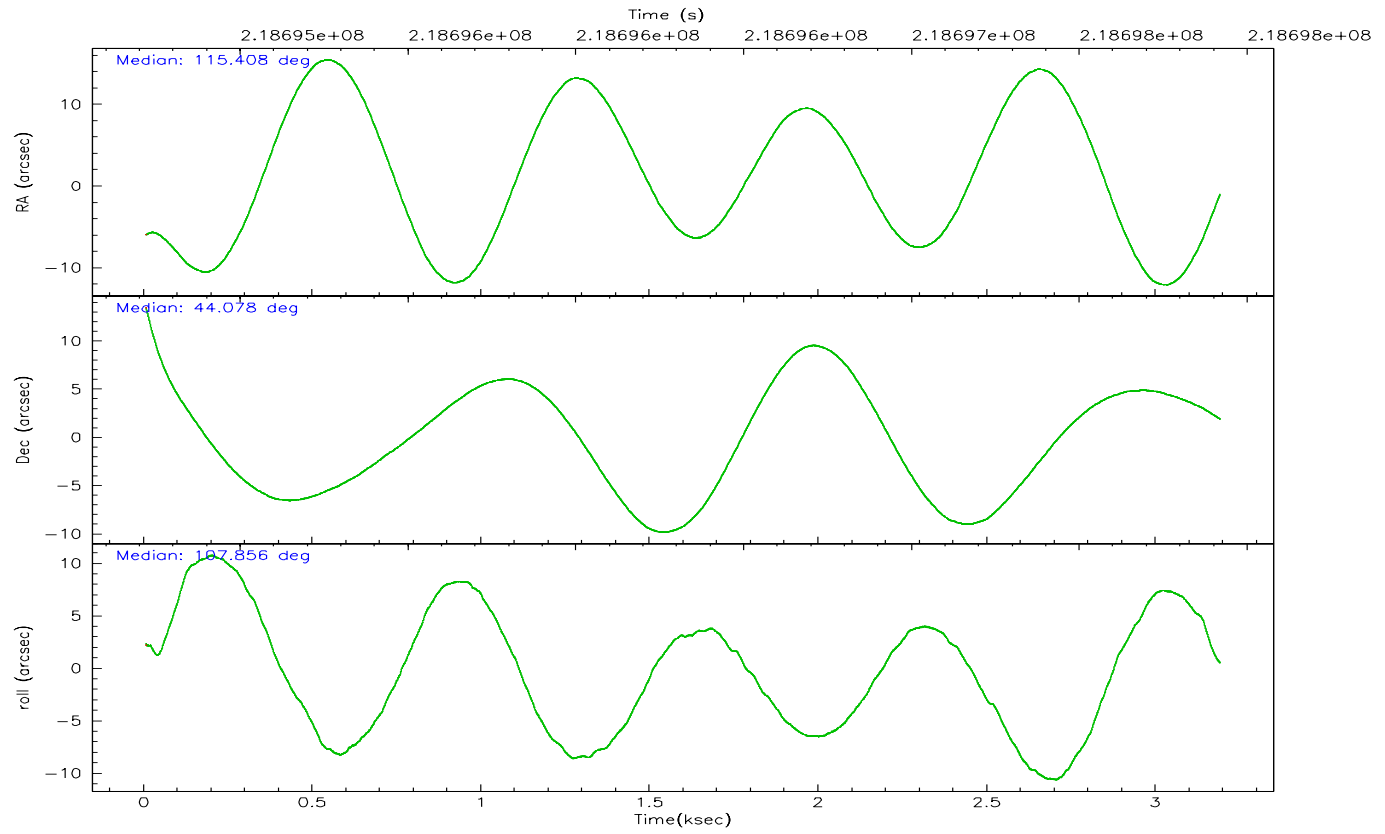
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	717	405	3588	809	399	5657
	5%	3%	24%	6%	5%	22%
grade 1 events	7	5	19	6	7	45
	0%	0%	0%	0%	0%	0%
grade 2 events	283	211	3137	259	1191	1639
	2%	1%	21%	2%	17%	6%
grade 3 events	117	137	328	152	357	2695
	0%	1%	2%	1%	5%	10%
grade 4 events	198	145	335	122	389	2457
	1%	1%	2%	1%	5%	9%
grade 5 events	162	181	589	210	555	389
	1%	1%	4%	1%	8%	1%
grade 6 events	154	118	2535	147	1763	2309
	1%	1%	17%	1%	25%	9%
grade 7 events	10314	10320	3954	10203	2208	10343
	86%	89%	27%	85%	32%	40%

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	1/2	1/2
Pointing RA	115.437042	115.4082675579355	Subarray start row	0	257
Pointing Dec	44.059576	44.07761897139275	Subarray row count	1024	512
Pointing Roll	107.682985	107.8596217982126	Alternating exposures requested	N	N
SIM focus pos (mm)	-0.684267	-0.6828225247311905	Primary exposure time	0.000000	1.8
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	218694914.184000	218693873.14906			
Observation start date	2004-12-06T04:34:10	2004-12-06T04:17:53			
Observation end time	218697914.184000	218699417.88681			
Observation end date	2004-12-06T05:24:10	2004-12-06T05:50:17			
Read mode	TIMED	TIMED			

2.3 Aspect



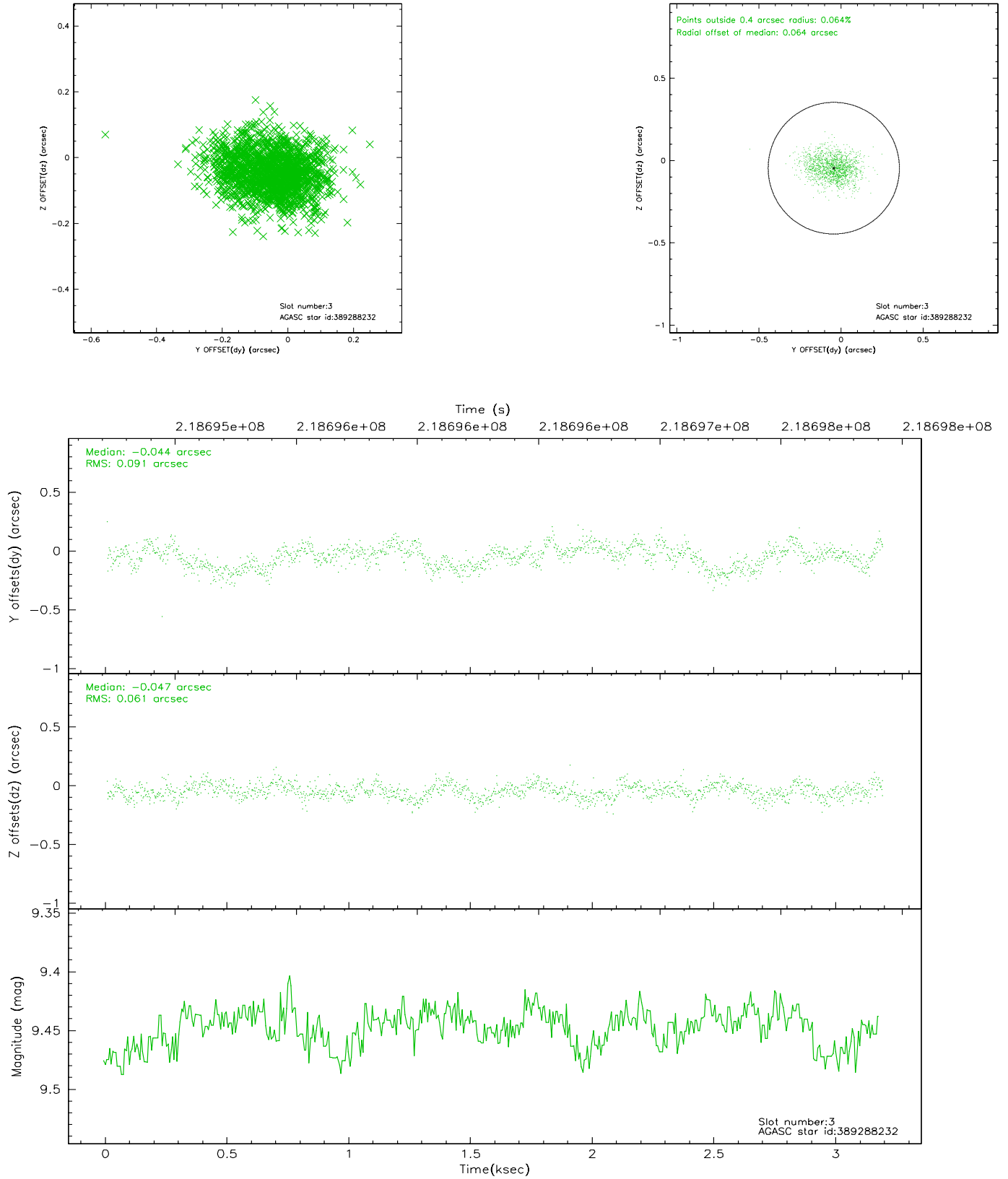


Slot Statistics

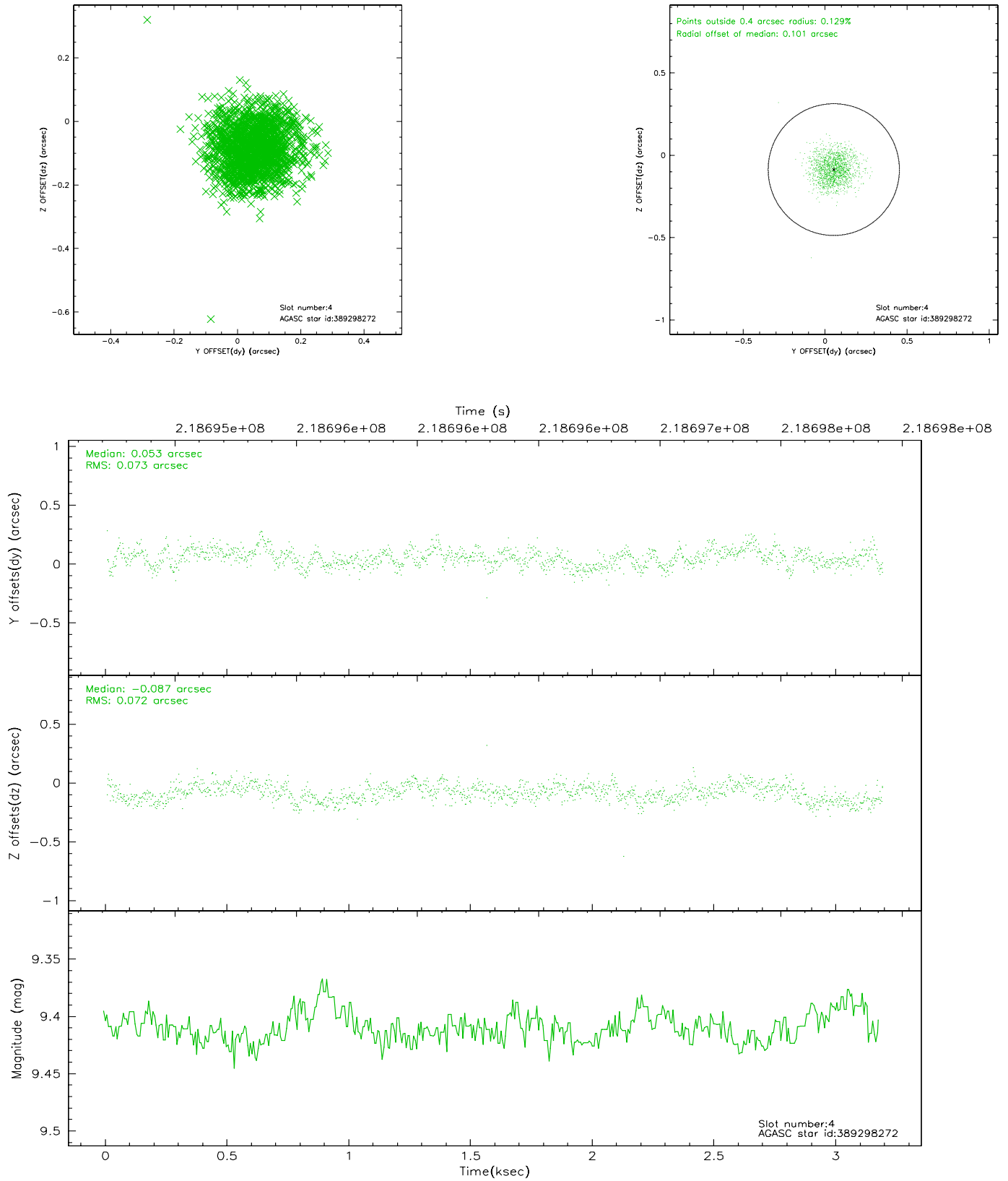
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	778	-0.041	-0.006	0.006	0.010	0.000000	0.000000	-759.90	-1731.11
1	FID	ACIS-S-4	7.20	778	0.057	0.021	0.004	0.008	0.000000	0.000000	2152.53	175.40
2	FID	ACIS-S-5	7.23	778	-0.047	-0.006	0.006	0.011	0.000000	0.000000	-1810.22	171.23
3	GUIDE	389288232	9.45	1552	-0.044	-0.047	0.116	0.185	114.829465	44.567912	2221.77	926.54
4	GUIDE	389298272	9.41	1553	0.053	-0.087	0.107	0.167	114.980828	43.324126	-2155.49	1941.44
5	GUIDE	389420080	7.14	1554	0.014	0.013	0.054	0.084	115.946742	43.794648	-1308.70	-972.43
6	GUIDE	389422952	9.67	1553	-0.031	0.055	0.112	0.173	115.880705	44.517623	1226.96	-1587.99
7	GUIDE	389428384	8.72	1554	0.015	0.059	0.079	0.120	115.866298	43.886583	-928.36	-874.45

2.4 Star Slots

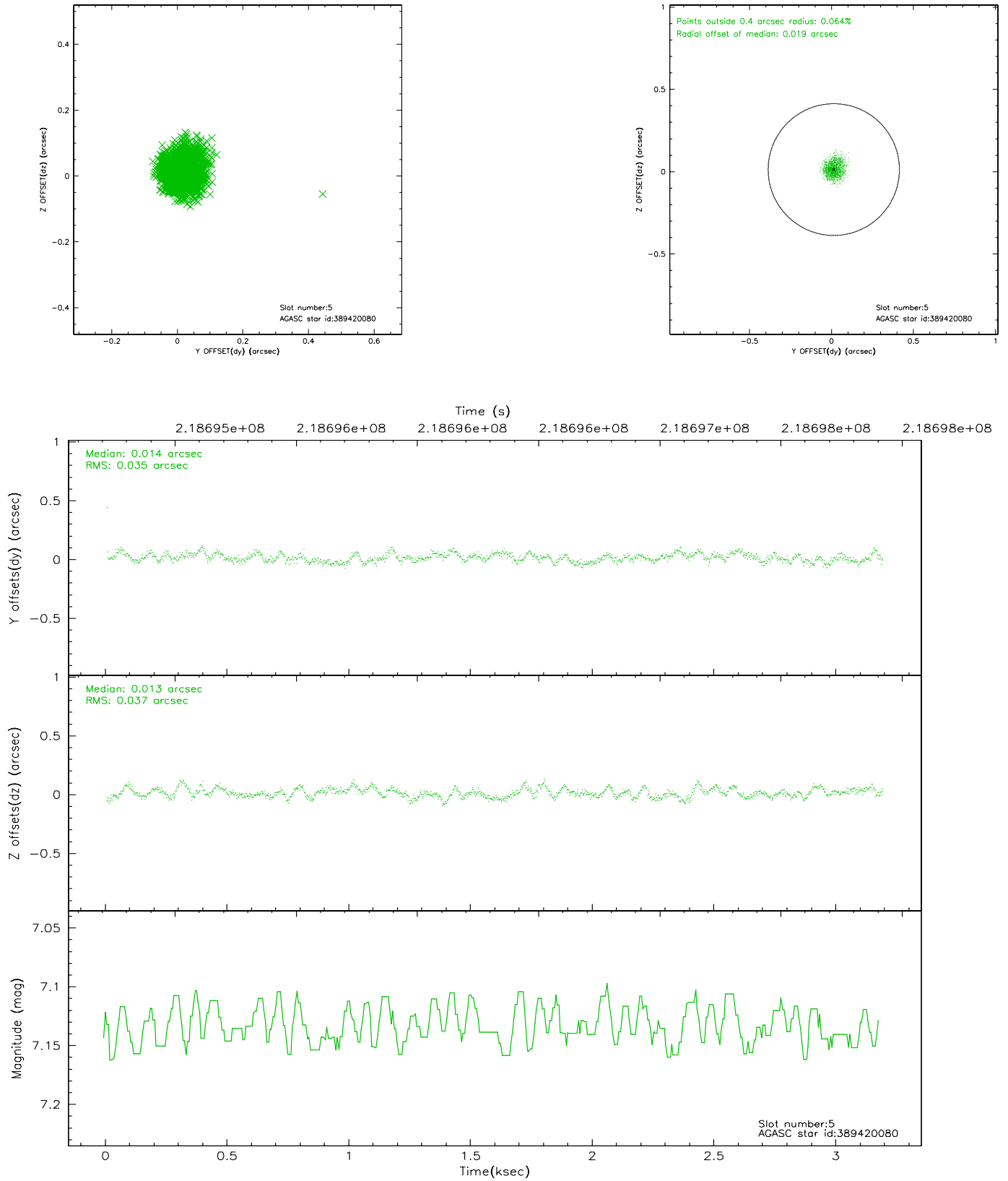
2.4.1 Slot 3



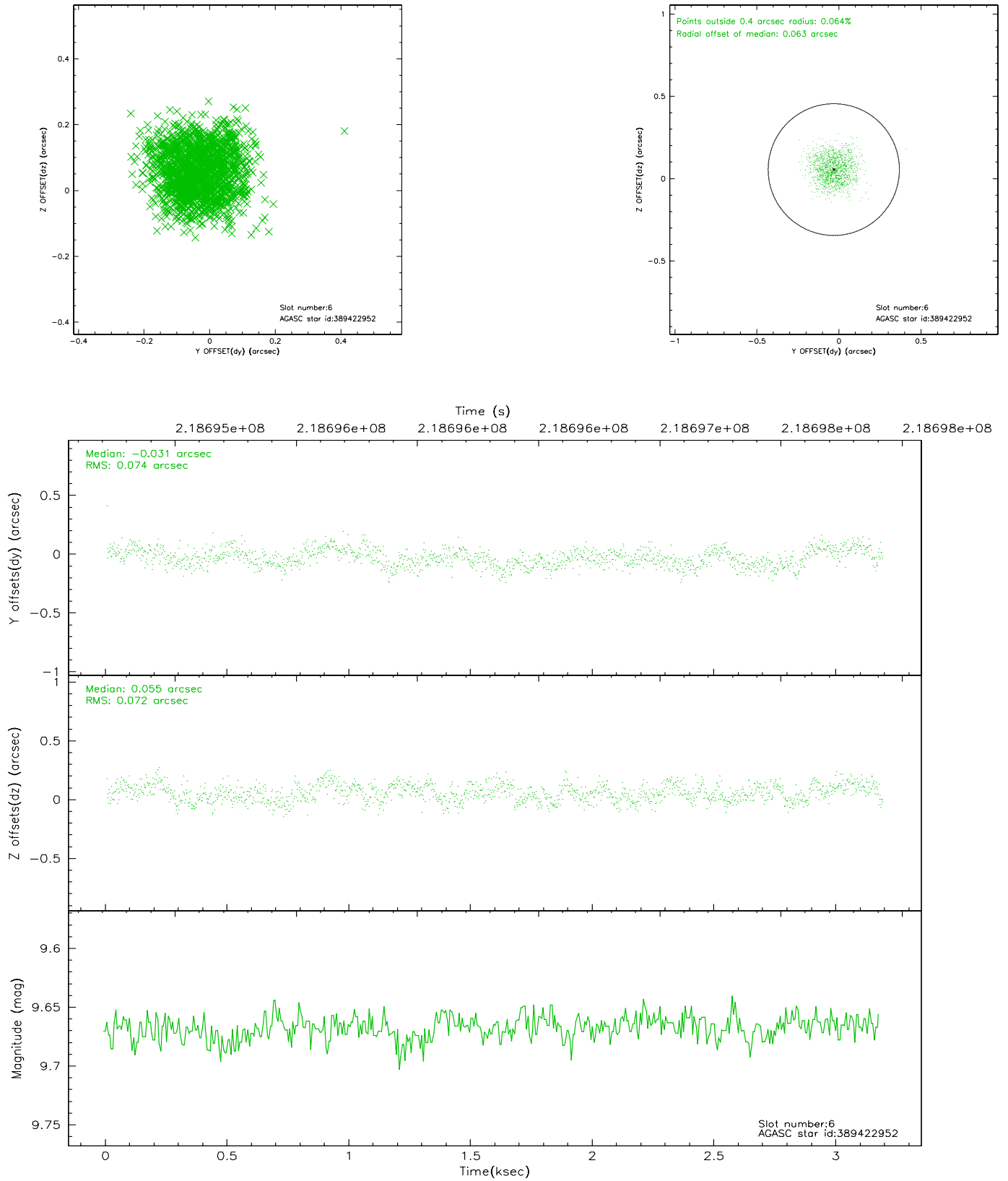
2.4.2 Slot 4



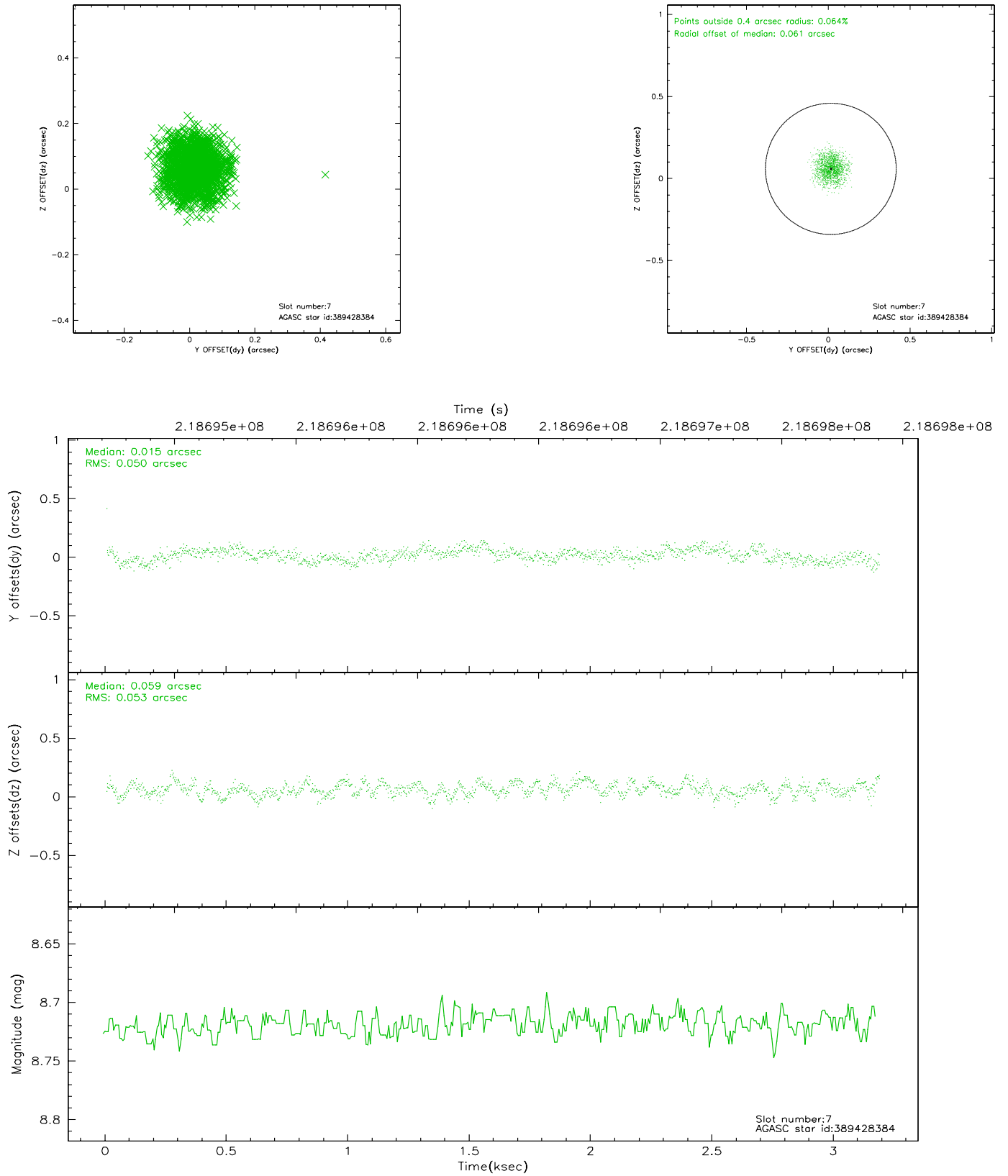
2.4.3 Slot 5



2.4.4 Slot 6

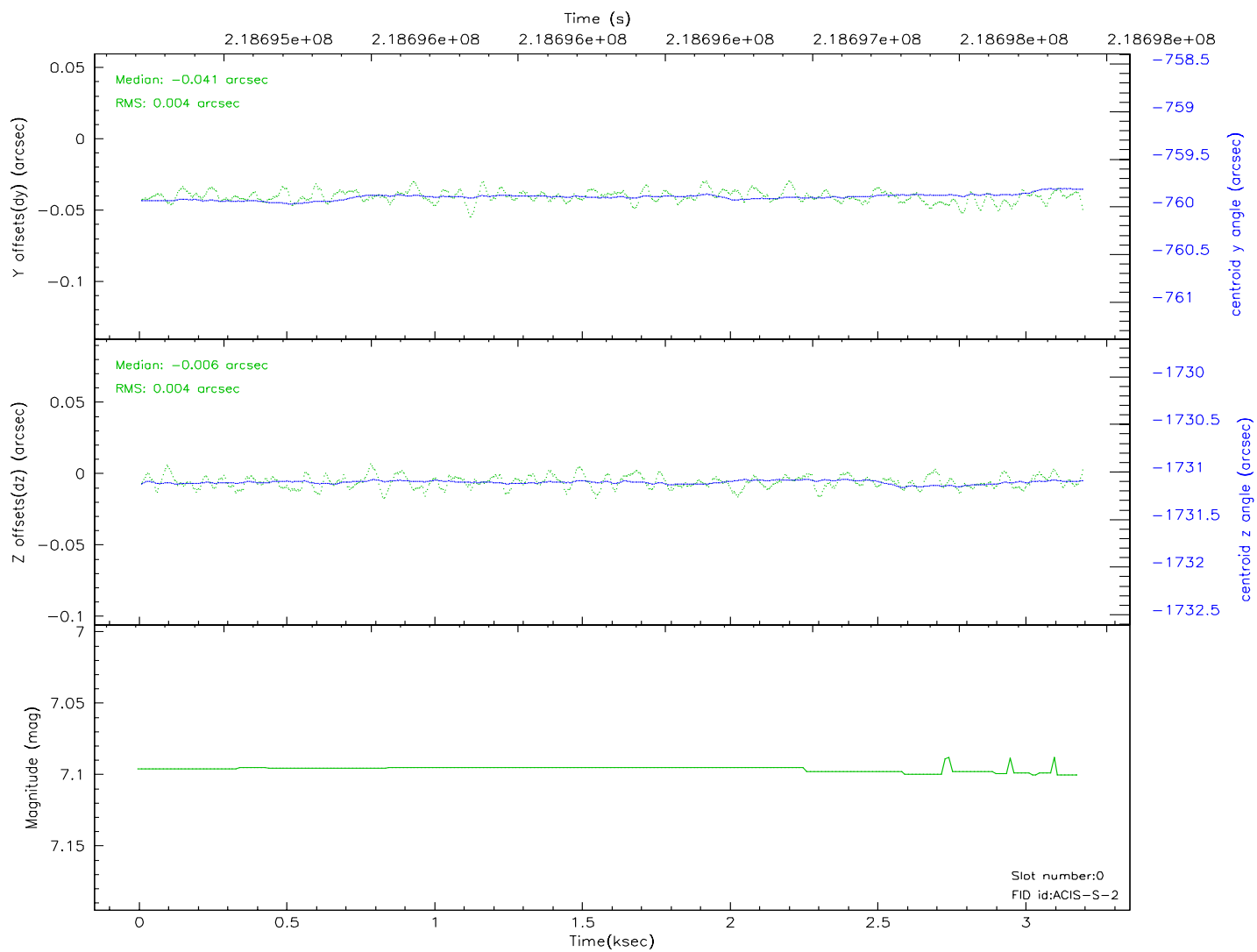
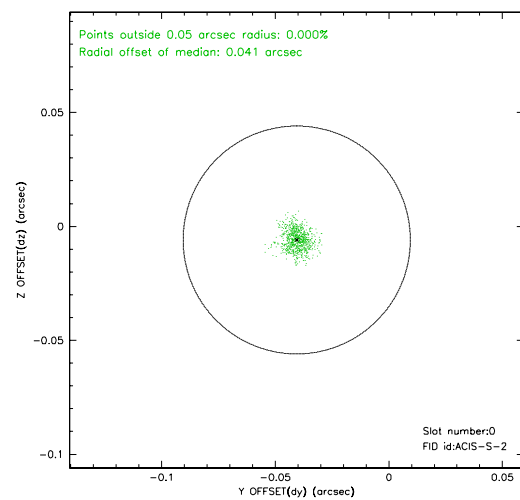
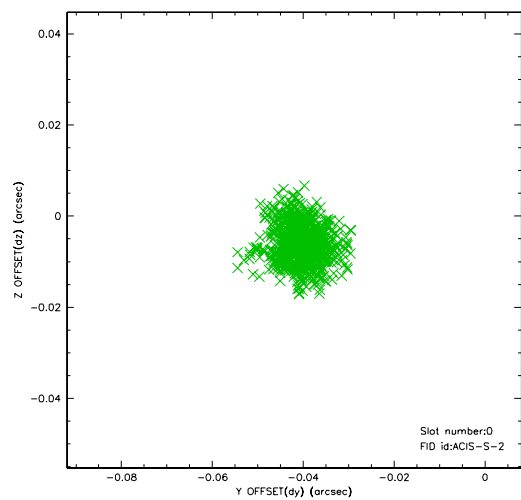


2.4.5 Slot 7

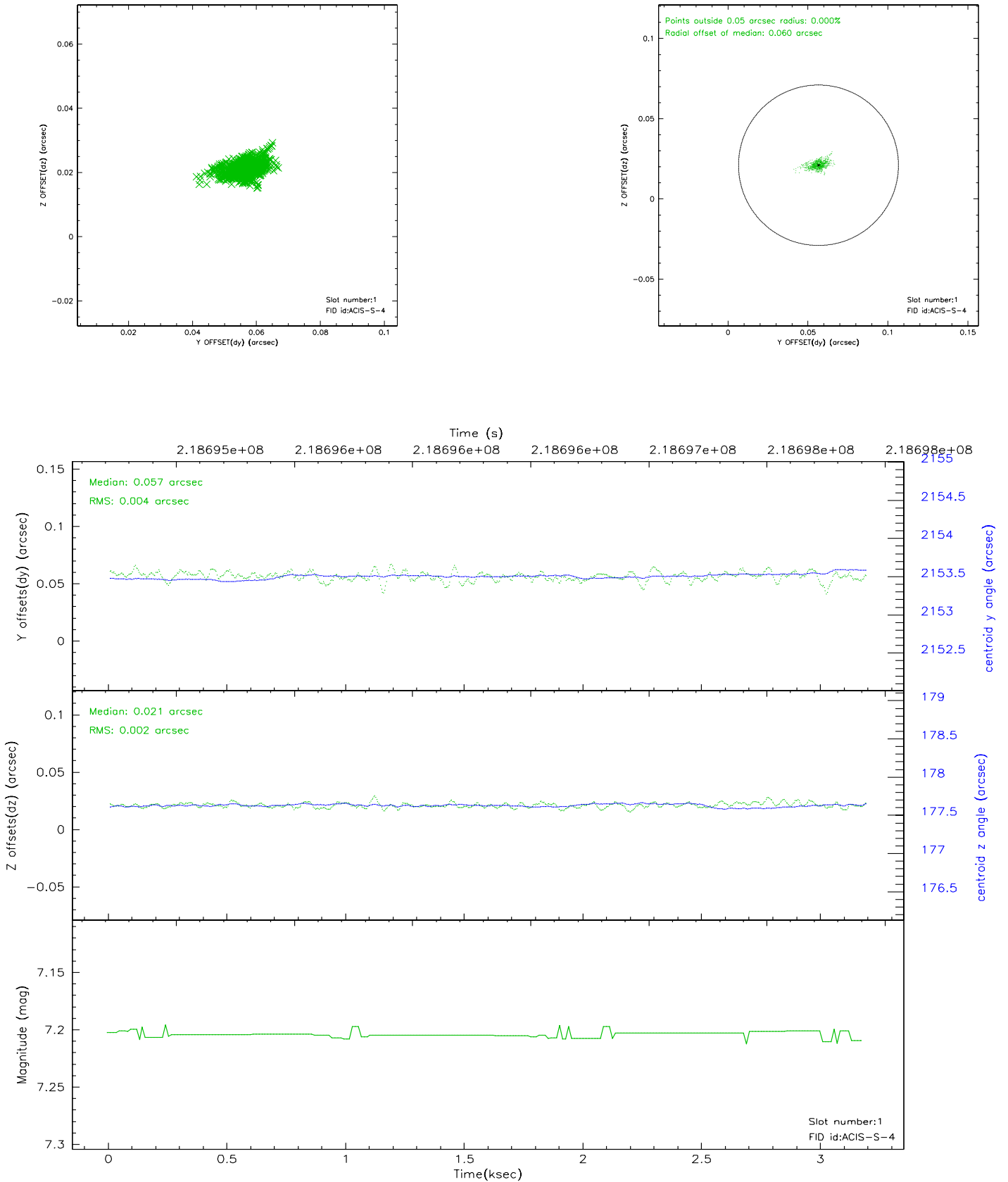


2.5 FID Slots

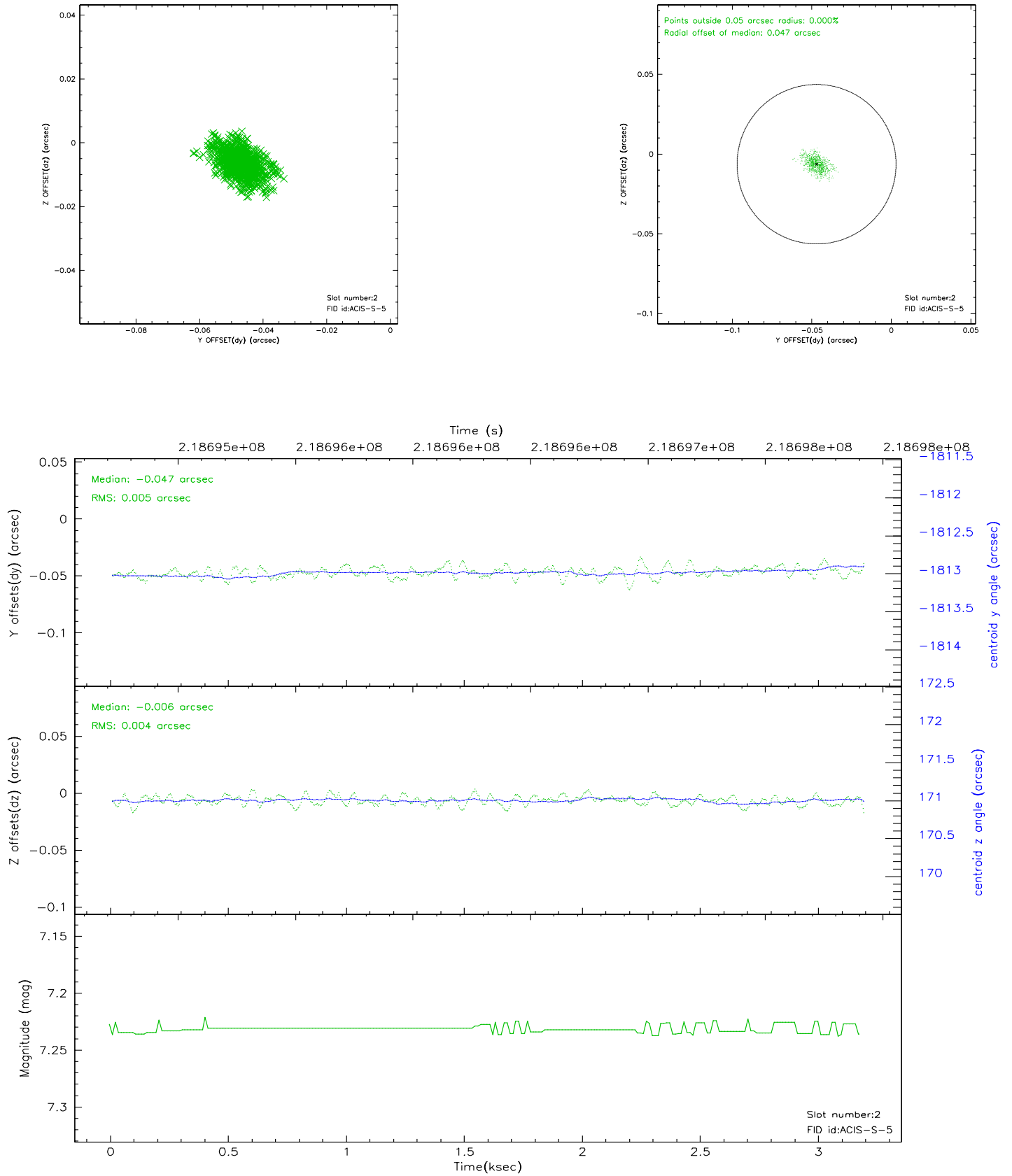
2.5.1 Slot 0



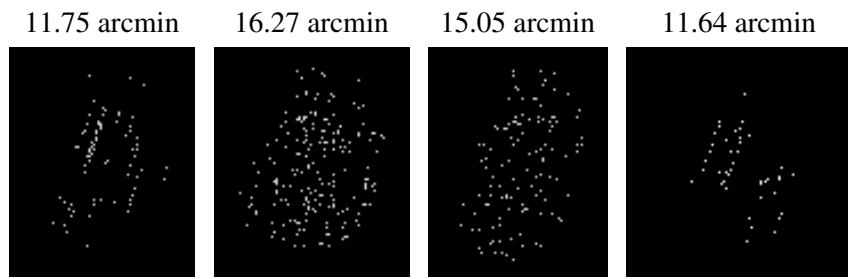
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.04.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.1824

A.2 Comments