

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 5259 - L2 Version 001
Chandra X-Ray Center

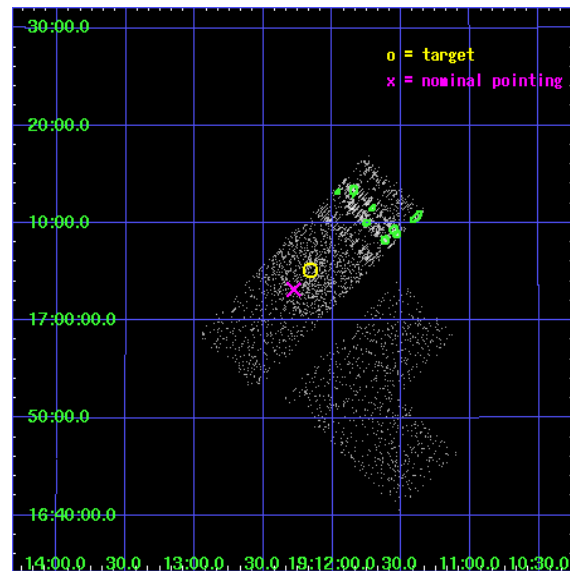
L2 Processing Date : Jun 26 2006

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1 Front

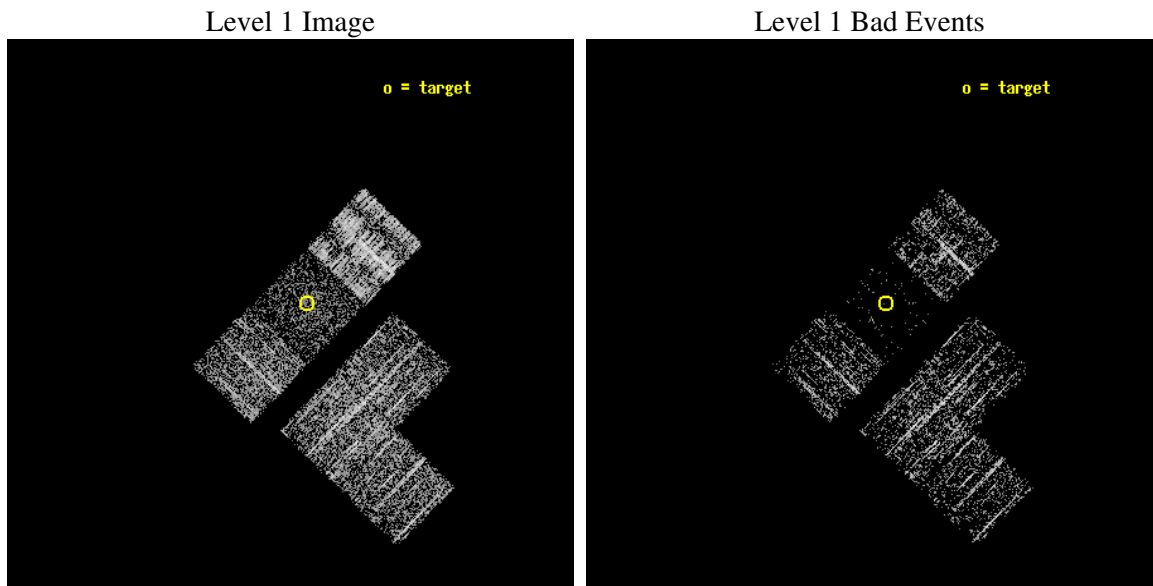
seq_num	100051
obs_id	5259
title	High Resolution Imaging of the Source of Comet Encke's X-Rays Over One Nuclear Rotation
observer	Dr. Carey Lisse
object	2P/Encke (2003)
dtcycle	0
cycle	P
ra_targ	288.04007
dec_targ	17.0854
ra_nom	288.06987231473
dec_nom	17.053381076198
roll_nom	314.14786917529
revision	2
ontime	1471.9999945164
livetime	1453.3606442538
ontime0	1471.9999945164
ontime2	1471.9999945164
ontime3	1471.9999945164
ontime6	1471.9999945164
ontime7	1471.9999945164
ontime8	1471.9999945164
l2events	4460



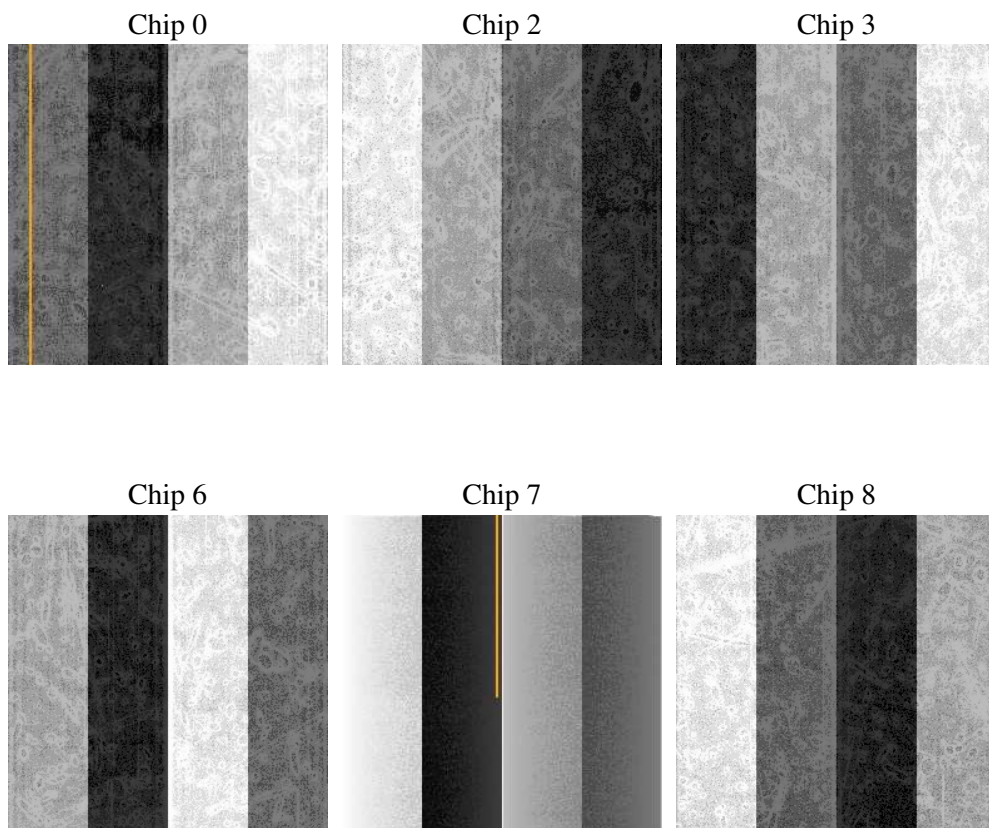
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.8
caldsver	3.2.2
date	2006-06-26T17:26:17
revision	2

sched_exp_time	1290.000000
ontime	1798.7557478249
ontime0	1798.7557478249
ontime2	1798.7557478249
ontime3	1798.7557677329
ontime6	1798.7557478249
ontime7	1798.7557478249
ontime8	1798.7557179034
l1events	42226

2.1.4 Events

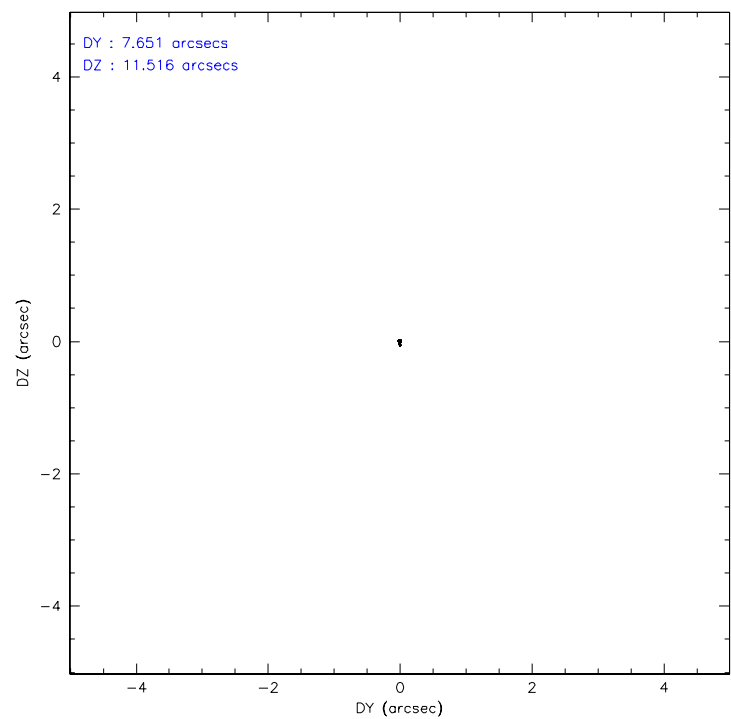
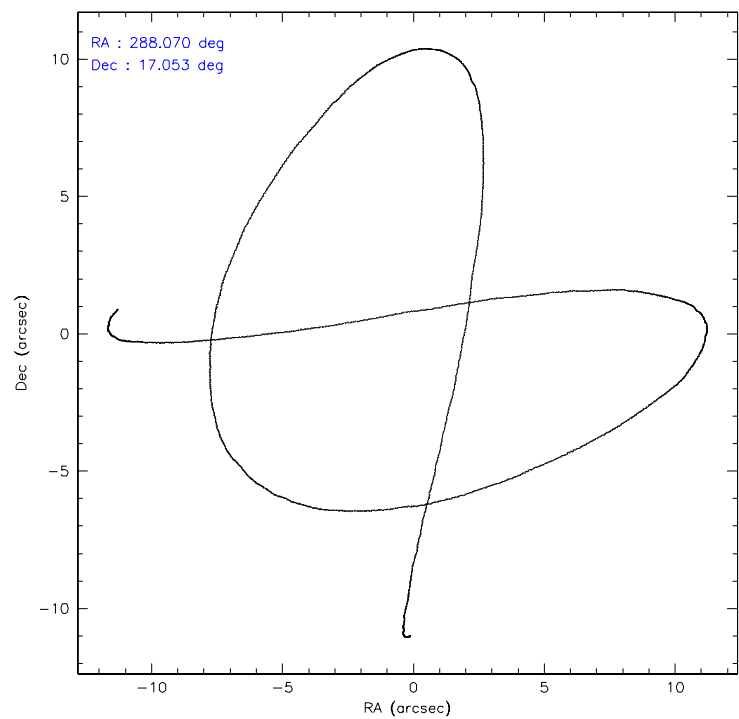
	ccd 0	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
level 1 events	6104	7958	6491	6220	2217	13236
rejected events	5610	7413	6125	5681	984	7638
rejected %	91%	93%	94%	91%	44%	57%

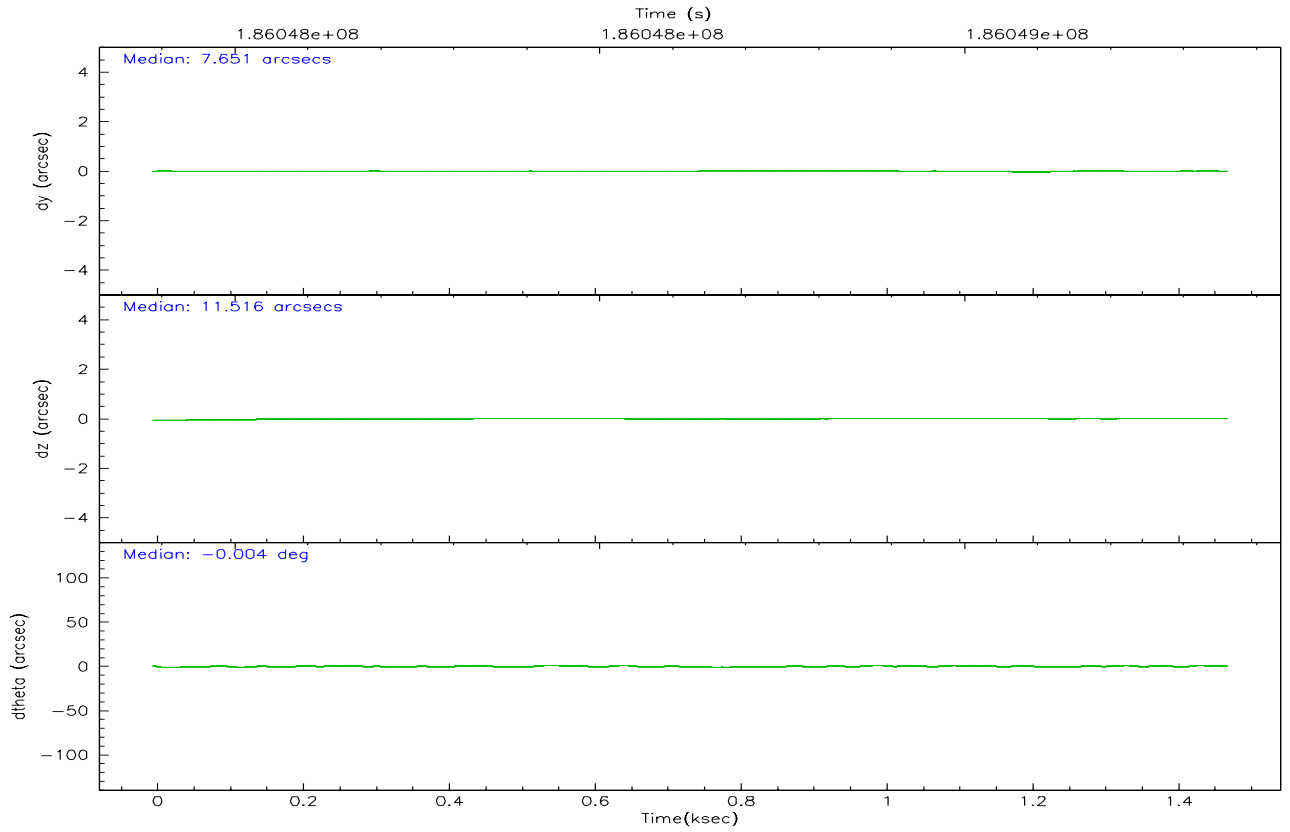
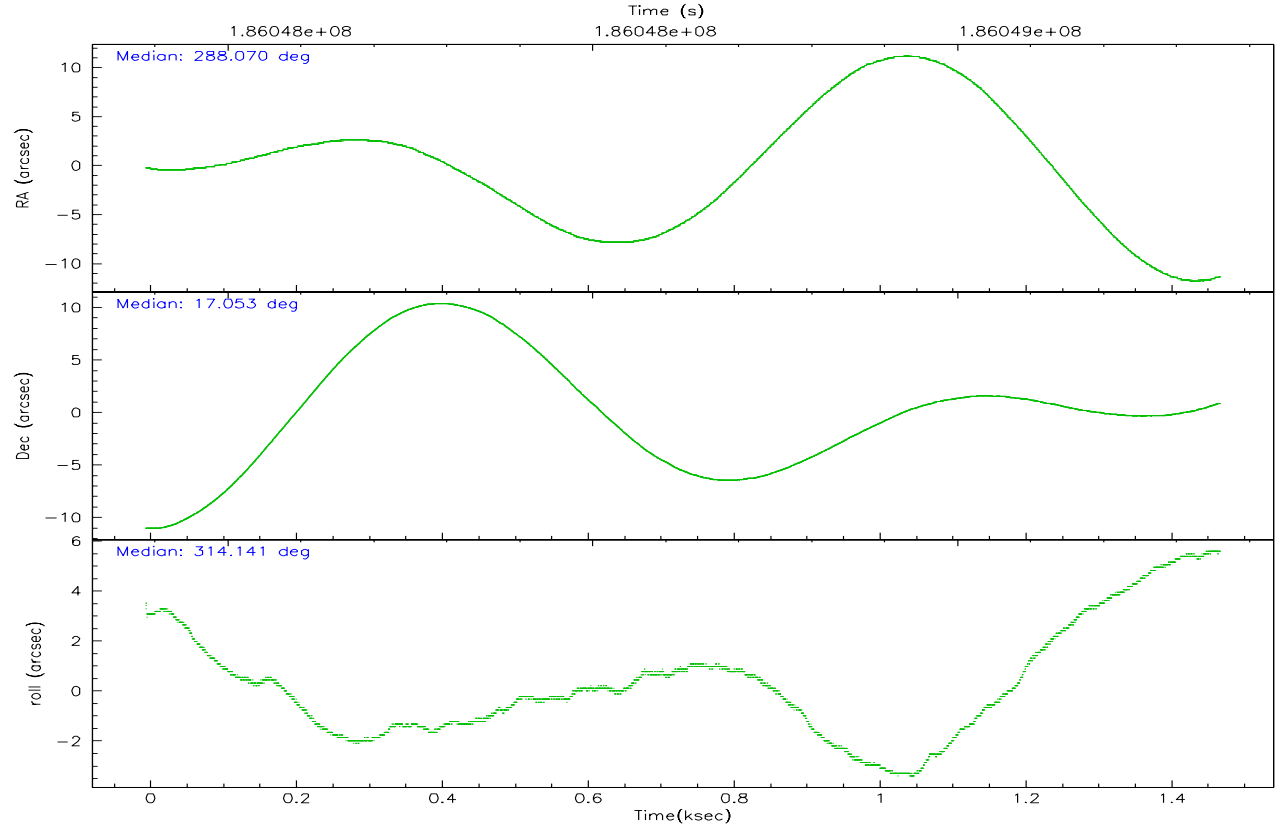
	ccd 0	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
grade 0 events	283	319	218	311	343	2003
	4%	4%	3%	5%	15%	15%
grade 1 events	4	3	2	1	7	13
	0%	0%	0%	0%	0%	0%
grade 2 events	166	193	90	147	478	1159
	2%	2%	1%	2%	21%	8%
grade 3 events	56	51	46	58	150	1125
	0%	0%	0%	0%	6%	8%
grade 4 events	49	65	42	64	133	982
	0%	0%	0%	1%	5%	7%
grade 5 events	49	52	51	44	146	202
	0%	0%	0%	0%	6%	1%
grade 6 events	55	75	55	65	425	1776
	0%	0%	0%	1%	19%	13%
grade 7 events	5442	7200	5987	5530	535	5976
	89%	90%	92%	88%	24%	45%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-023678	ACIS-023678	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	288.042456	288.0698723147298	Alternating exposures requested	N	N
Pointing Dec	17.060488	17.05338107619835	Primary exposure time	0.000000	3.2
Pointing Roll	313.999302	314.1478691752867			
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	186048064.184000	186047688.33165			
Observation start date	2003-11-24T08:00:00	2003-11-24T07:54:48			
Observation end time	186049354.184000	186049488.23173			
Observation end date	2003-11-24T08:21:30	2003-11-24T08:24:48			
Read mode	TIMED	TIMED			

2.3 Aspect



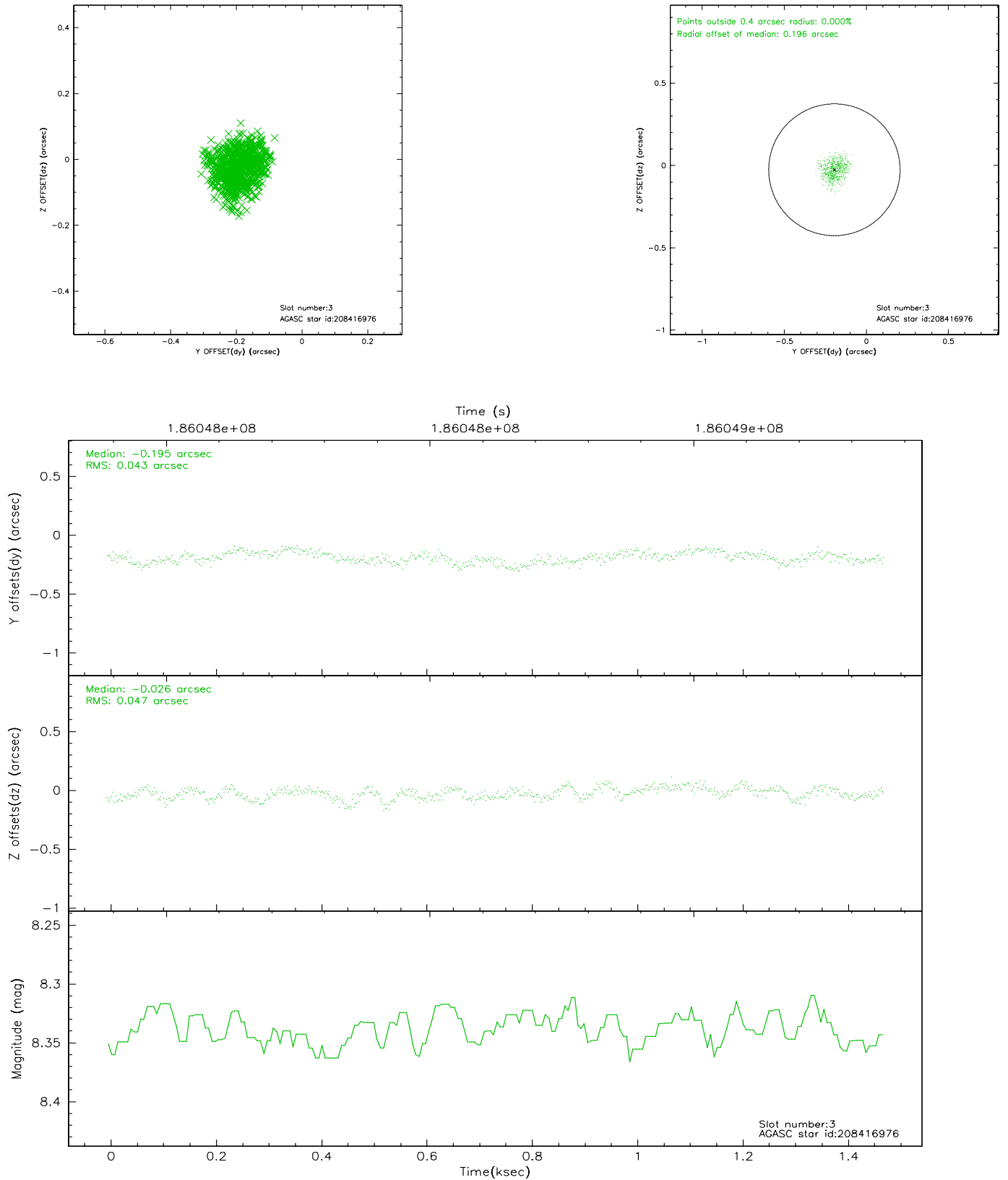


Slot Statistics

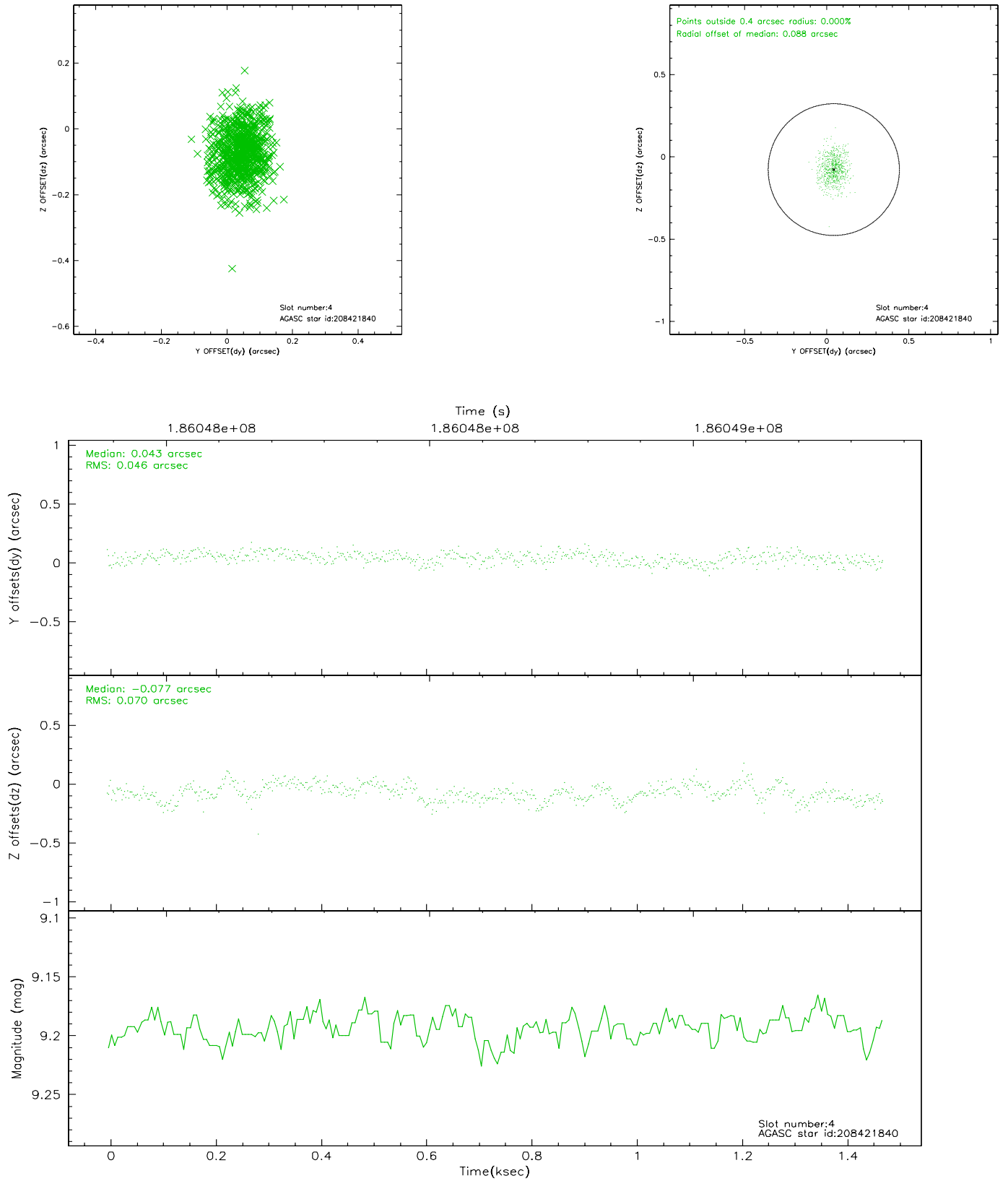
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	360	-0.003	0.020	0.007	0.013	0.000000	0.000000	-760.41	-1732.78
1	FID	ACIS-S-4	7.20	360	0.006	-0.004	0.005	0.009	0.000000	0.000000	2150.82	171.05
2	FID	ACIS-S-5	7.22	360	-0.035	-0.007	0.007	0.011	0.000000	0.000000	-1807.52	169.79
3	GUIDE	208416976	8.34	720	-0.195	-0.026	0.070	0.105	287.326965	17.073967	-1748.11	-1734.44
4	GUIDE	208421840	9.19	719	0.043	-0.077	0.089	0.147	287.570311	16.918850	-766.01	-1524.73
5	GUIDE	209596088	9.36	720	0.166	-0.061	0.121	0.195	288.150718	16.305149	2215.56	-1621.26
6	GUIDE	210120944	8.41	720	-0.039	0.110	0.060	0.097	288.245736	17.506735	-667.83	1616.50
7	GUIDE	209585448	7.94	719	0.042	0.054	0.064	0.115	288.114724	16.850123	718.16	-344.25

2.4 Star Slots

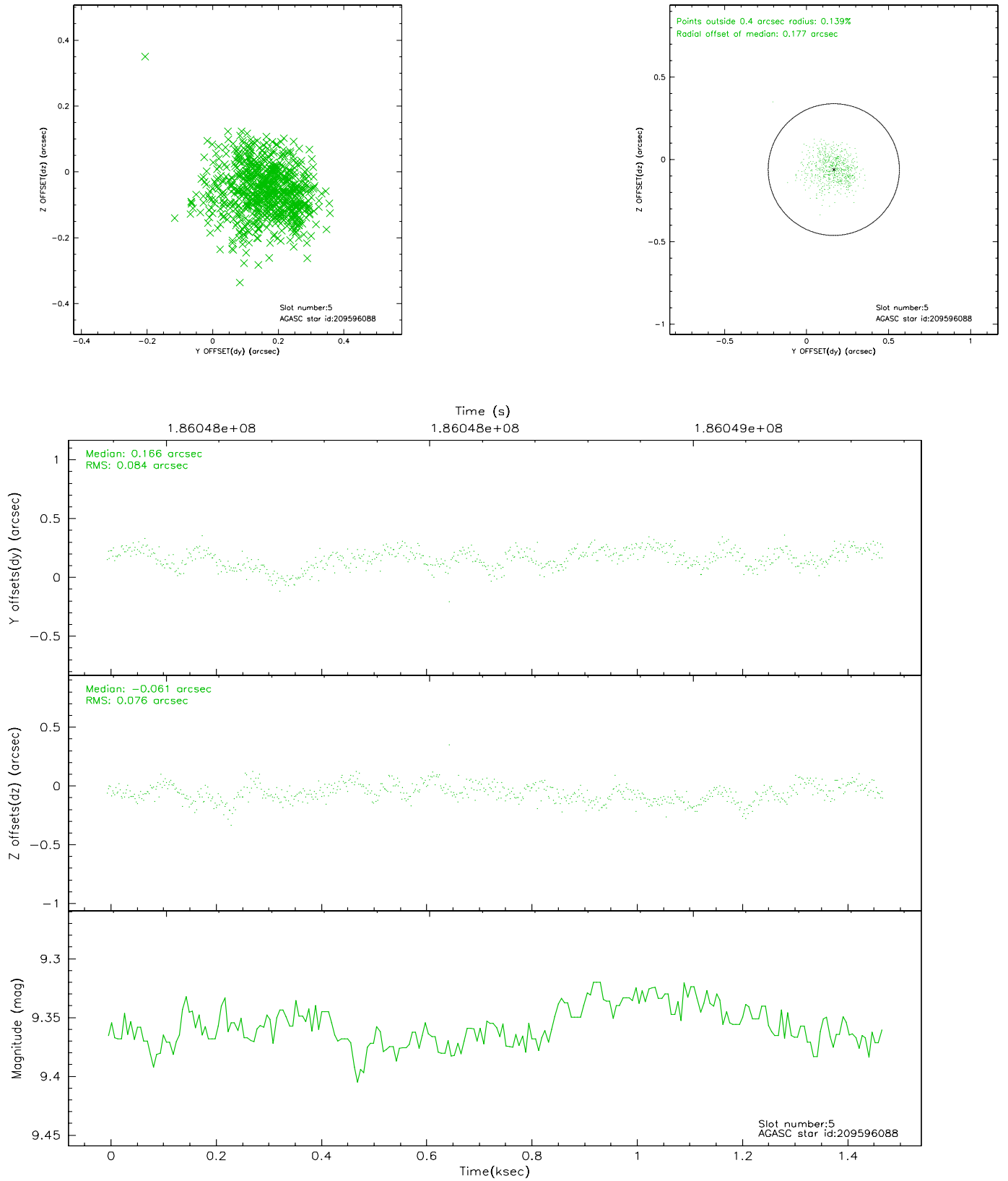
2.4.1 Slot 3



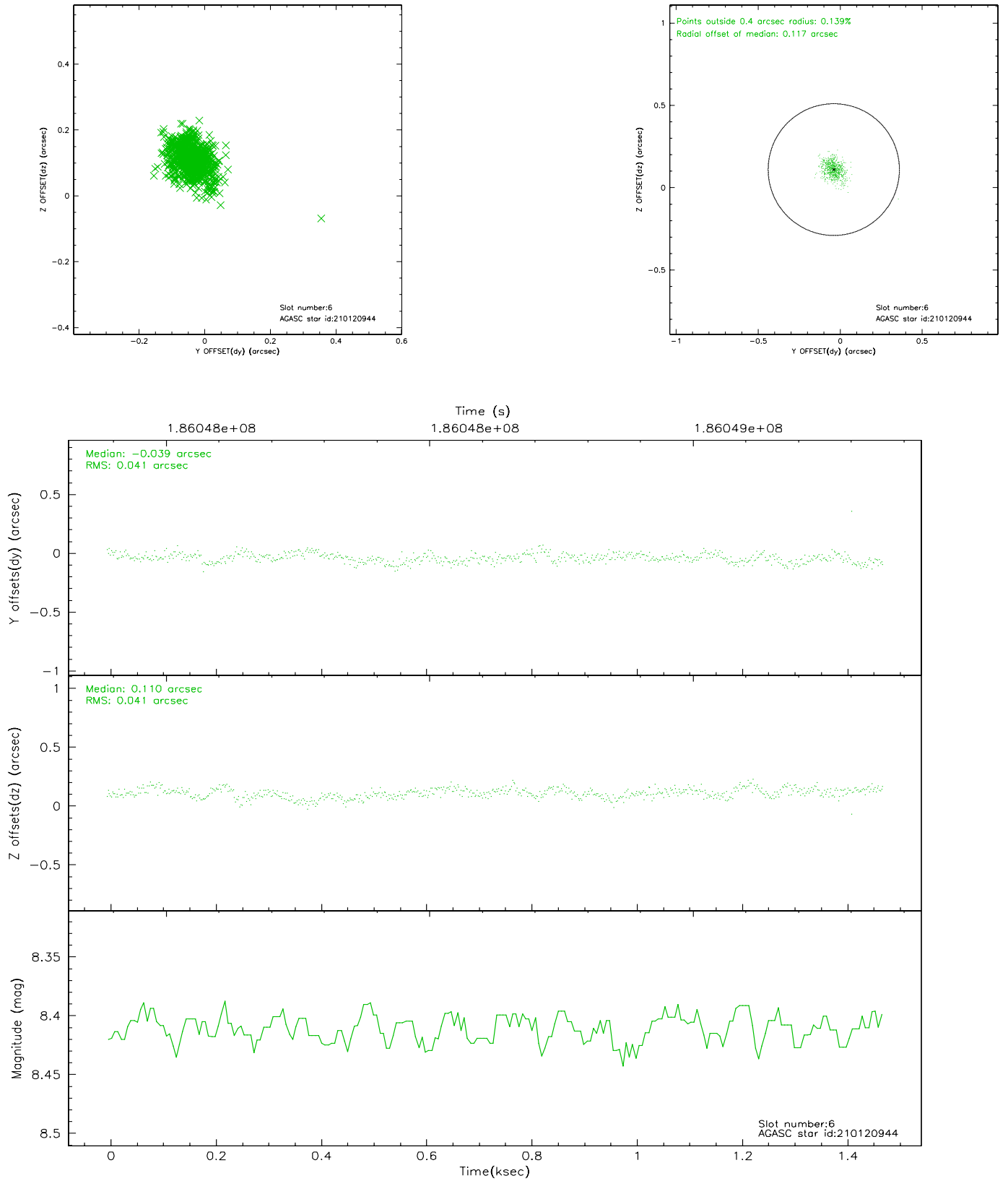
2.4.2 Slot 4



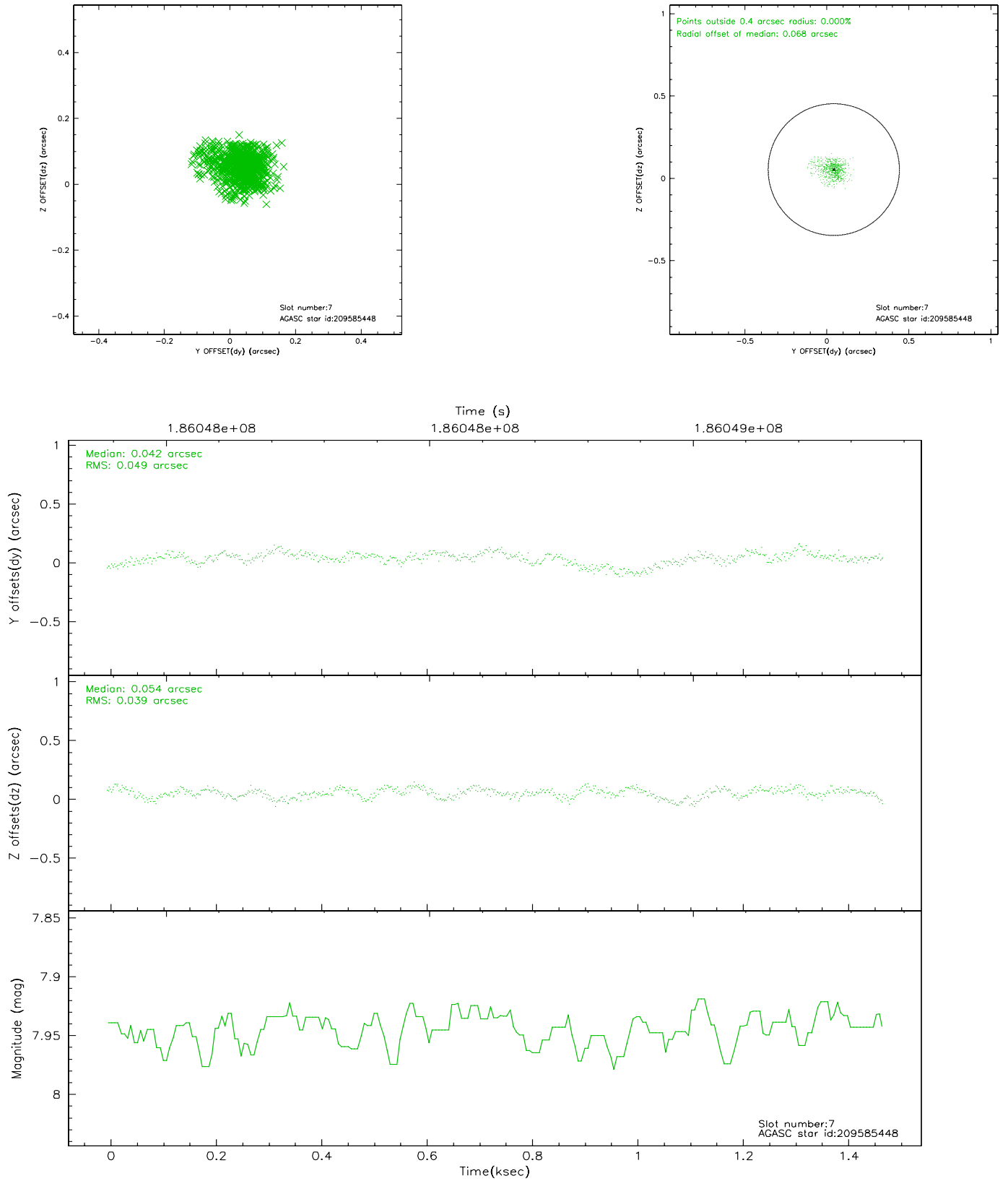
2.4.3 Slot 5



2.4.4 Slot 6

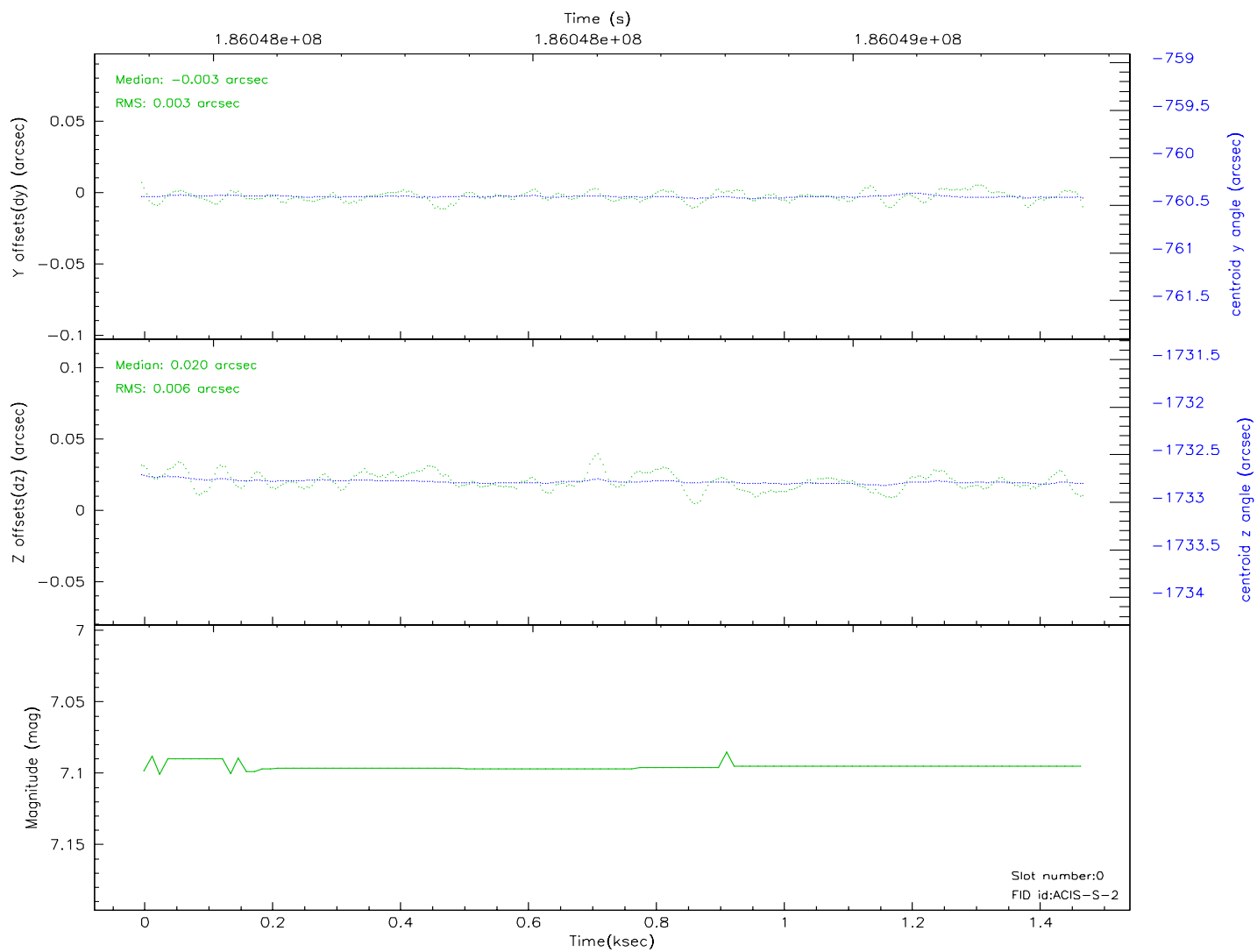
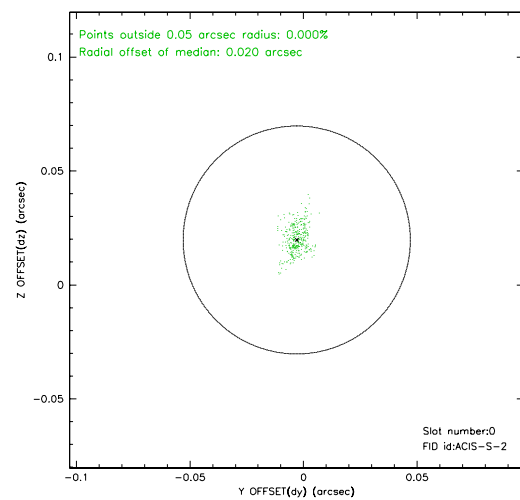
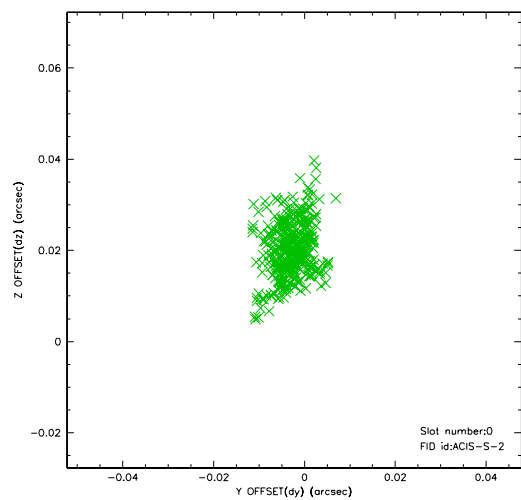


2.4.5 Slot 7

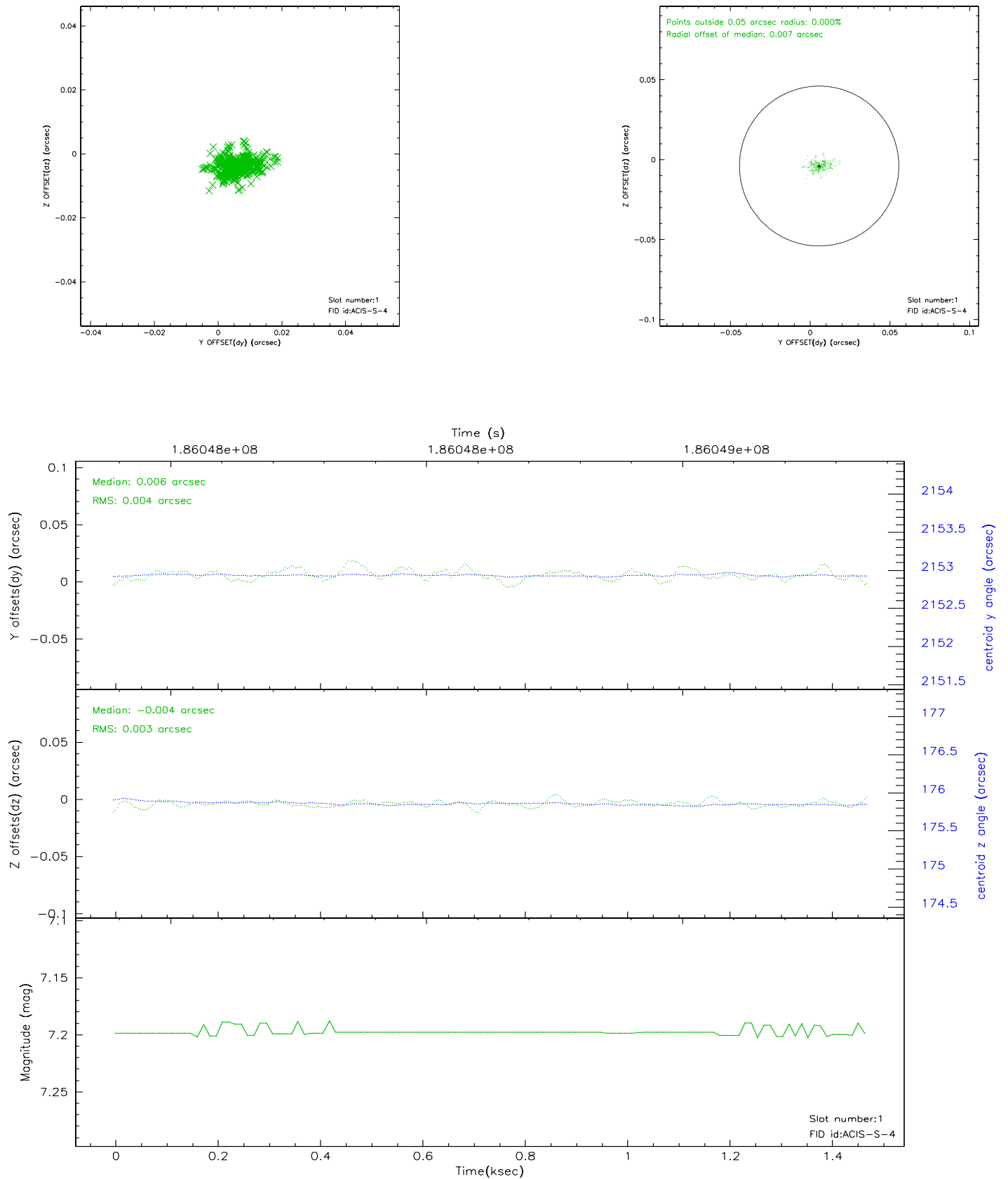


2.5 FID Slots

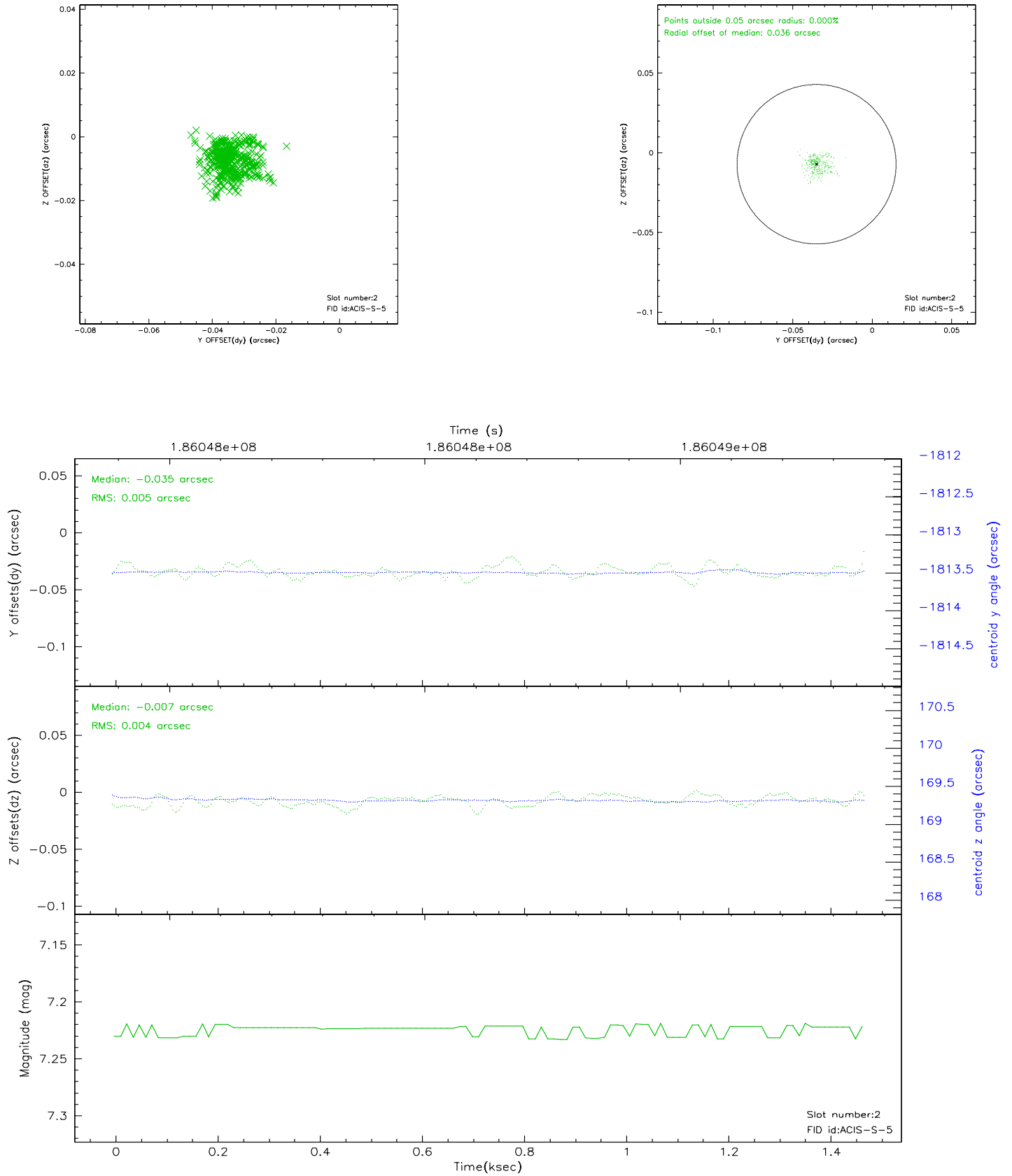
2.5.1 Slot 0



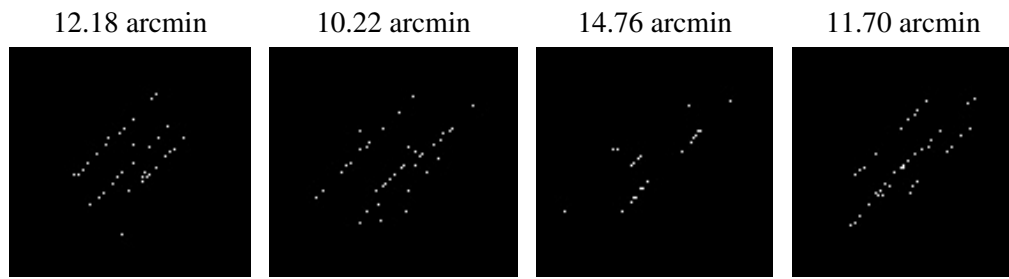
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.06.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.471

A.2 Comments