

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 5261 - L2 Version 001
Chandra X-Ray Center

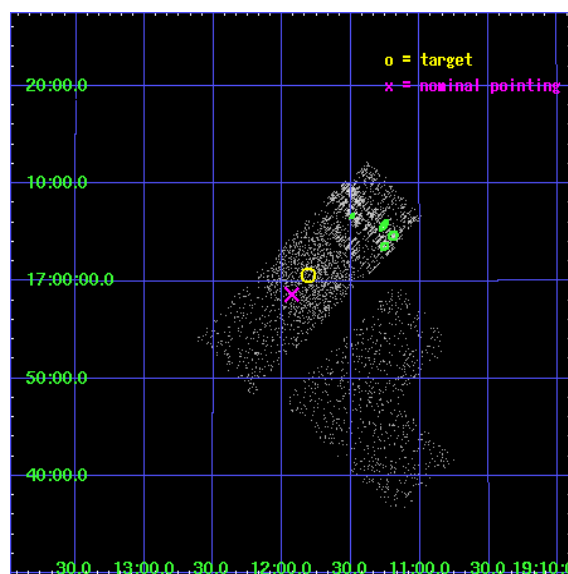
L2 Processing Date : Jun 26 2006

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1 Front

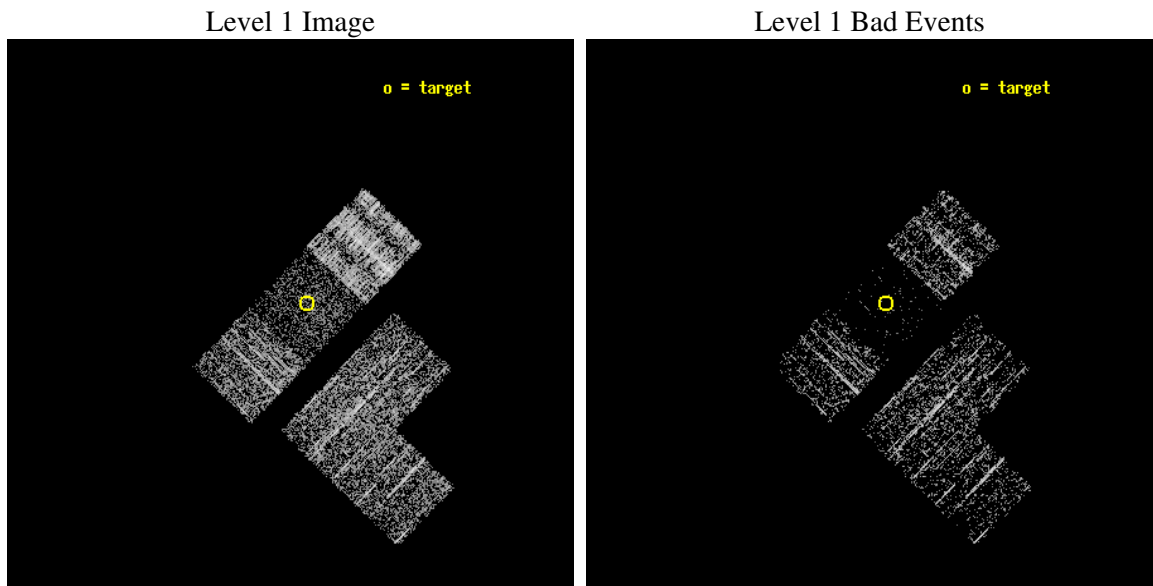
seq_num	100051
obs_id	5261
title	High Resolution Imaging of the Source of Comet Encke's X-Rays Over One Nuclear Rotation
observer	Dr. Carey Lisse
object	2P/Encke (2003)
dtcycle	0
cycle	P
ra_targ	287.95231
dec_targ	17.00951
ra_nom	287.9823344838
dec_nom	16.97728945959
roll_nom	314.14786461665
revision	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	4689



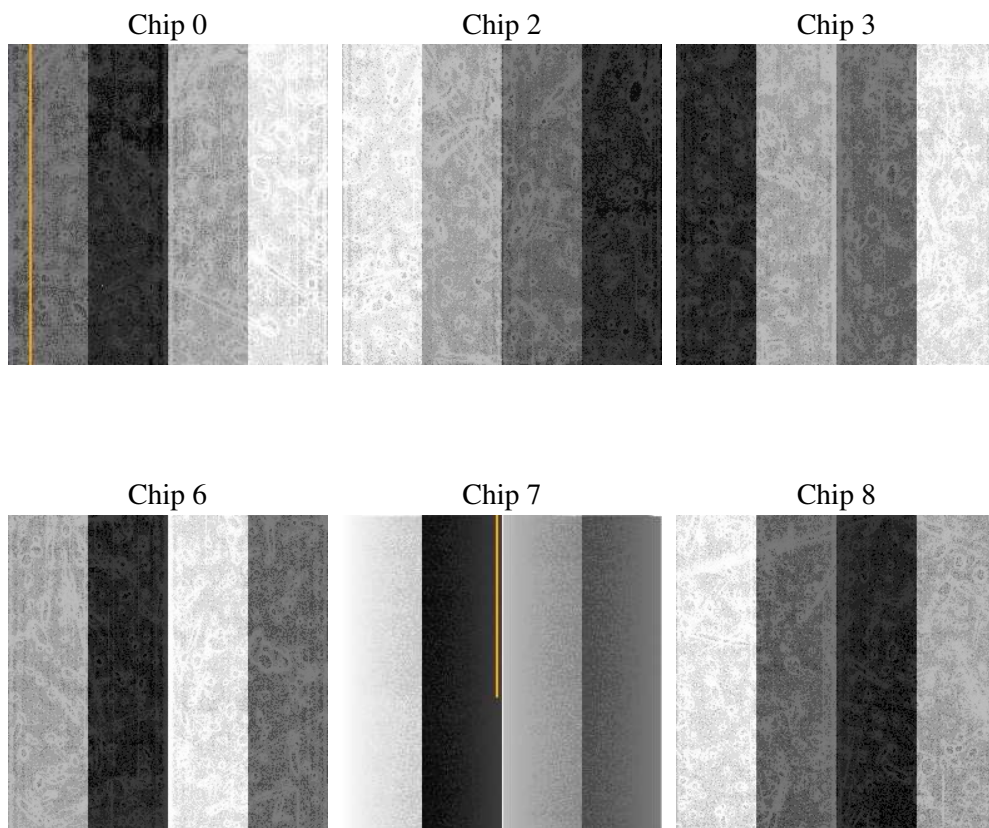
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.8
caldbver	3.2.2
date	2006-06-26T18:22:34
revision	2

sched_exp_time	1290.000000
ontime	1801.9969179928
ontime0	1801.9969479144
ontime2	1801.9969479144
ontime3	1801.9969179928
ontime6	1801.9969479144
ontime7	1801.9969179928
ontime8	1801.9969179928
l1events	42499

2.1.4 Events

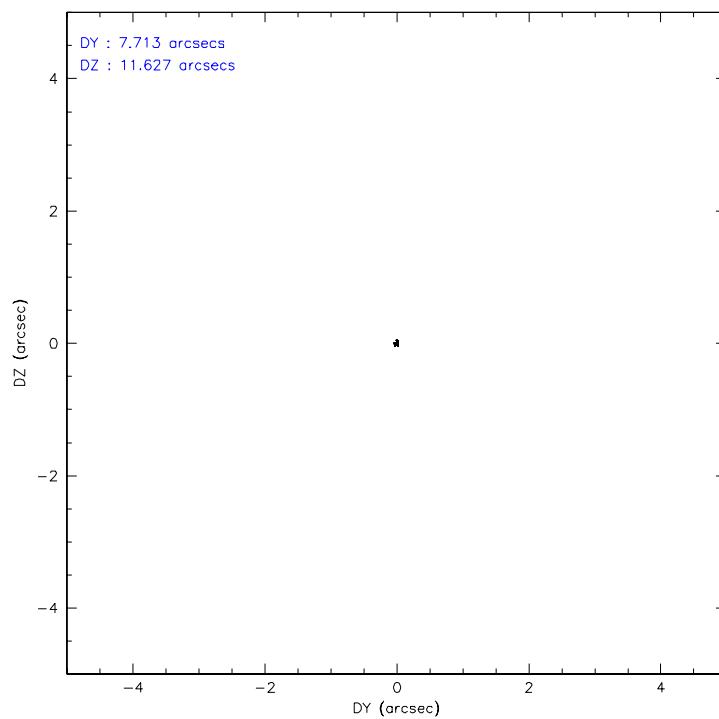
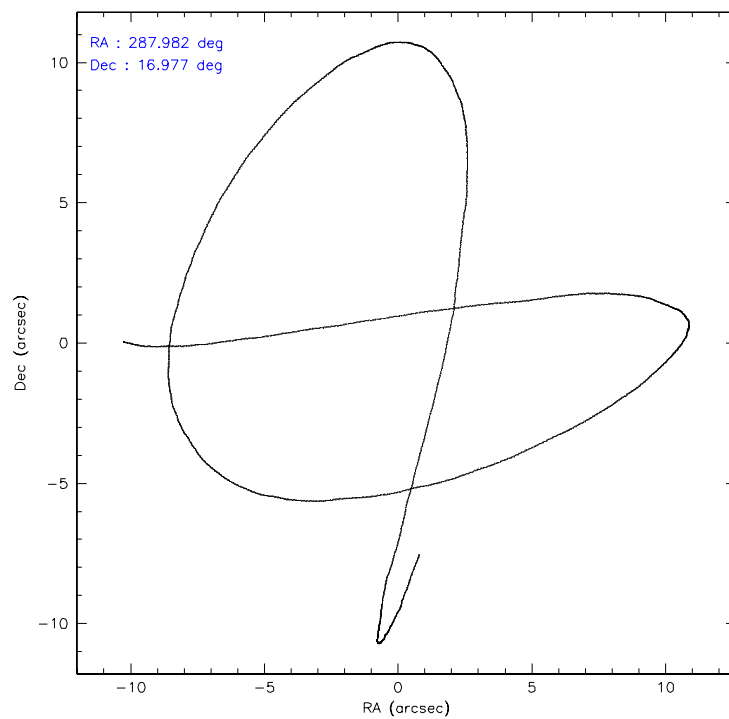
	ccd 0	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
level 1 events	5327	7677	6168	6507	2246	14574
rejected events	4851	7111	5814	5993	964	8500
rejected %	91%	92%	94%	92%	42%	58%

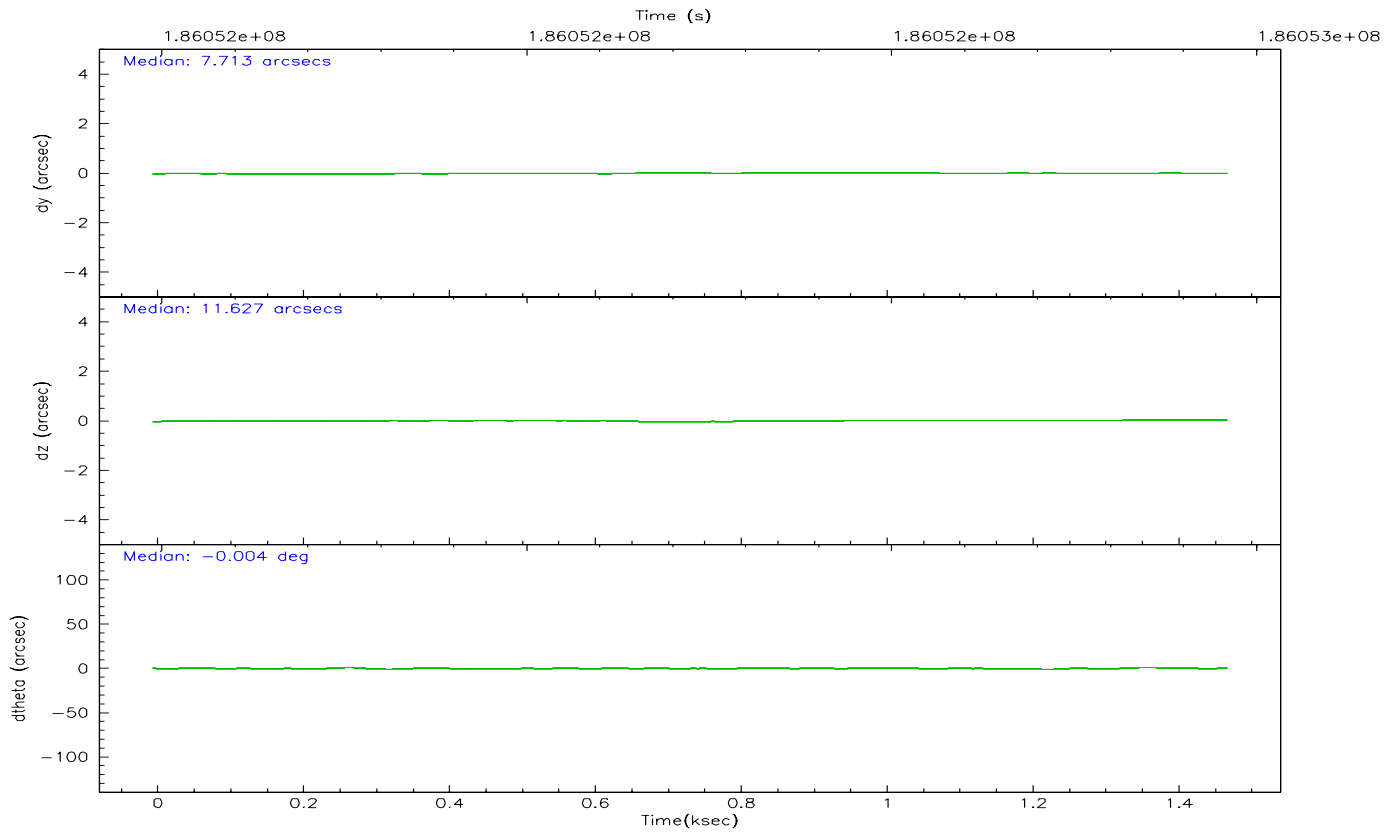
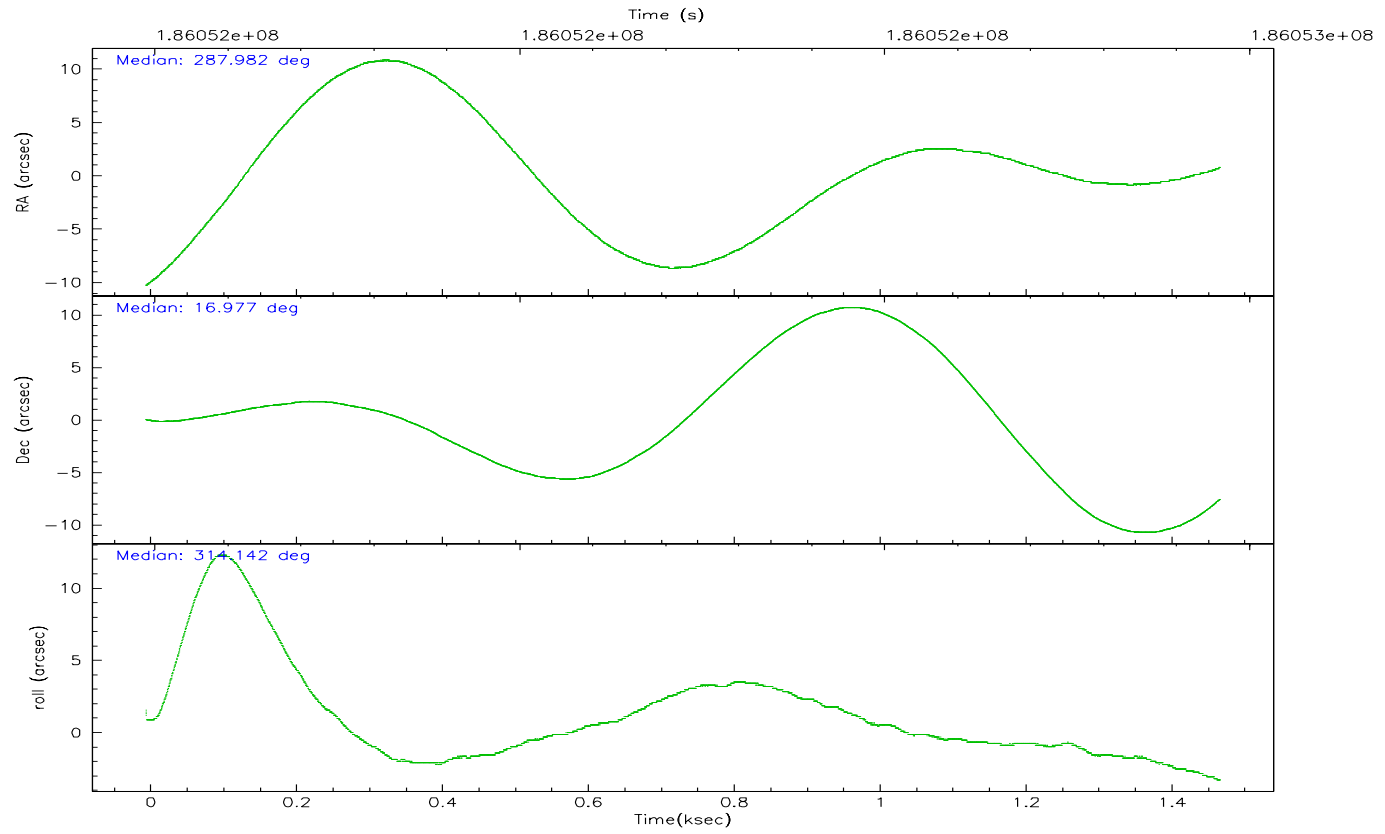
	ccd 0	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
grade 0 events	227	295	207	314	319	2289
	4%	3%	3%	4%	14%	15%
grade 1 events	1	2	3	3	4	23
	0%	0%	0%	0%	0%	0%
grade 2 events	167	221	88	147	525	1064
	3%	2%	1%	2%	23%	7%
grade 3 events	55	48	47	58	139	1307
	1%	0%	0%	0%	6%	8%
grade 4 events	41	67	40	57	165	1219
	0%	0%	0%	0%	7%	8%
grade 5 events	45	48	57	55	134	208
	0%	0%	0%	0%	5%	1%
grade 6 events	60	67	48	66	432	1764
	1%	0%	0%	1%	19%	12%
grade 7 events	4731	6929	5678	5807	528	6700
	88%	90%	92%	89%	23%	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	287.954697	287.9823344838021	Alternating exposures requested	N	N
Pointing Dec	16.984594	16.97728945958961	Primary exposure time	0.000000	3.2
Pointing Roll	313.999294	314.1478646166547			
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	186051664.184000	186051287.61931			
Observation start date	2003-11-24T09:00:00	2003-11-24T08:54:47			
Observation end time	186052954.184000	186053088.03189			
Observation end date	2003-11-24T09:21:30	2003-11-24T09:24:48			
Read mode	TIMED	TIMED			

2.3 Aspect



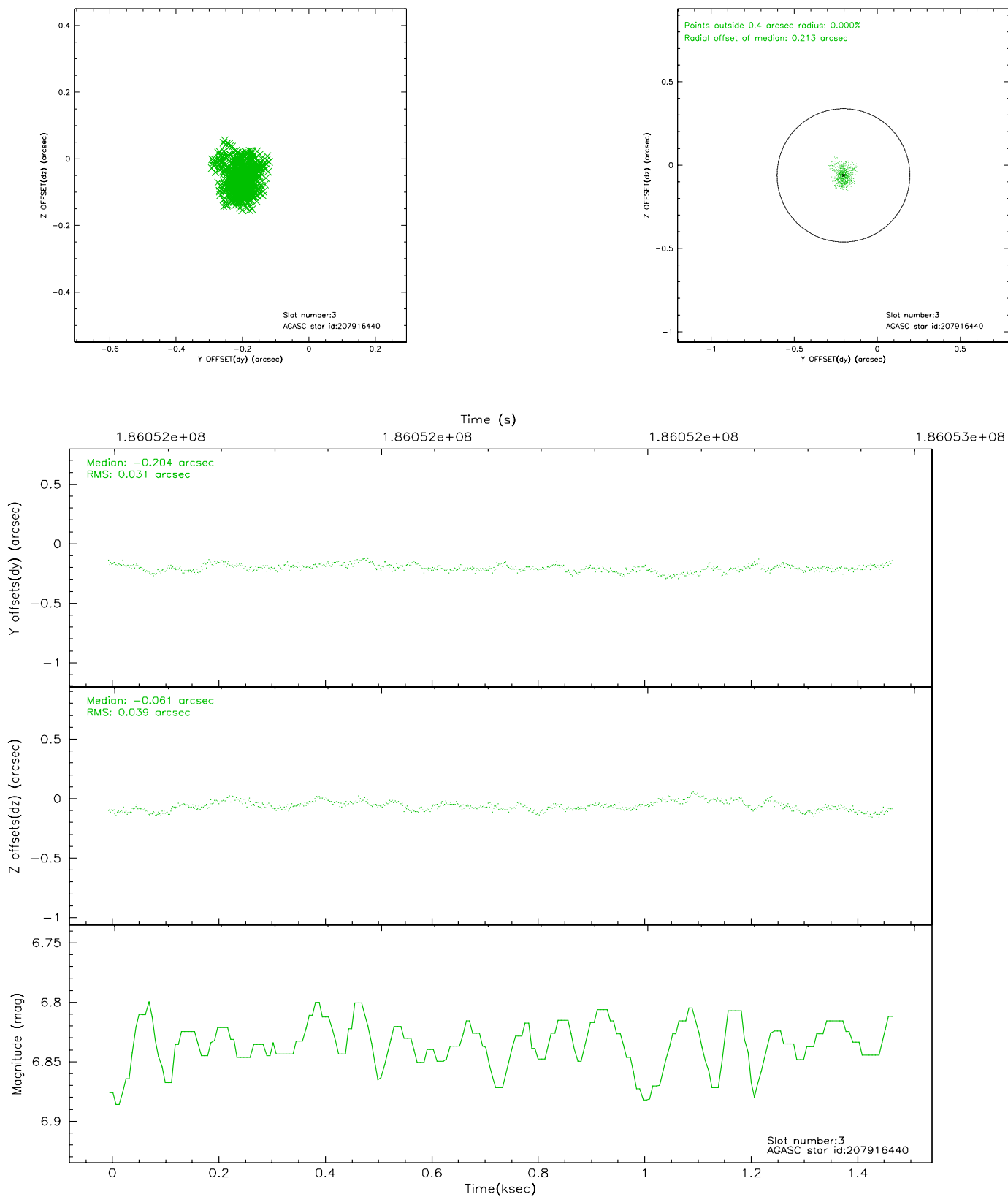


Slot Statistics

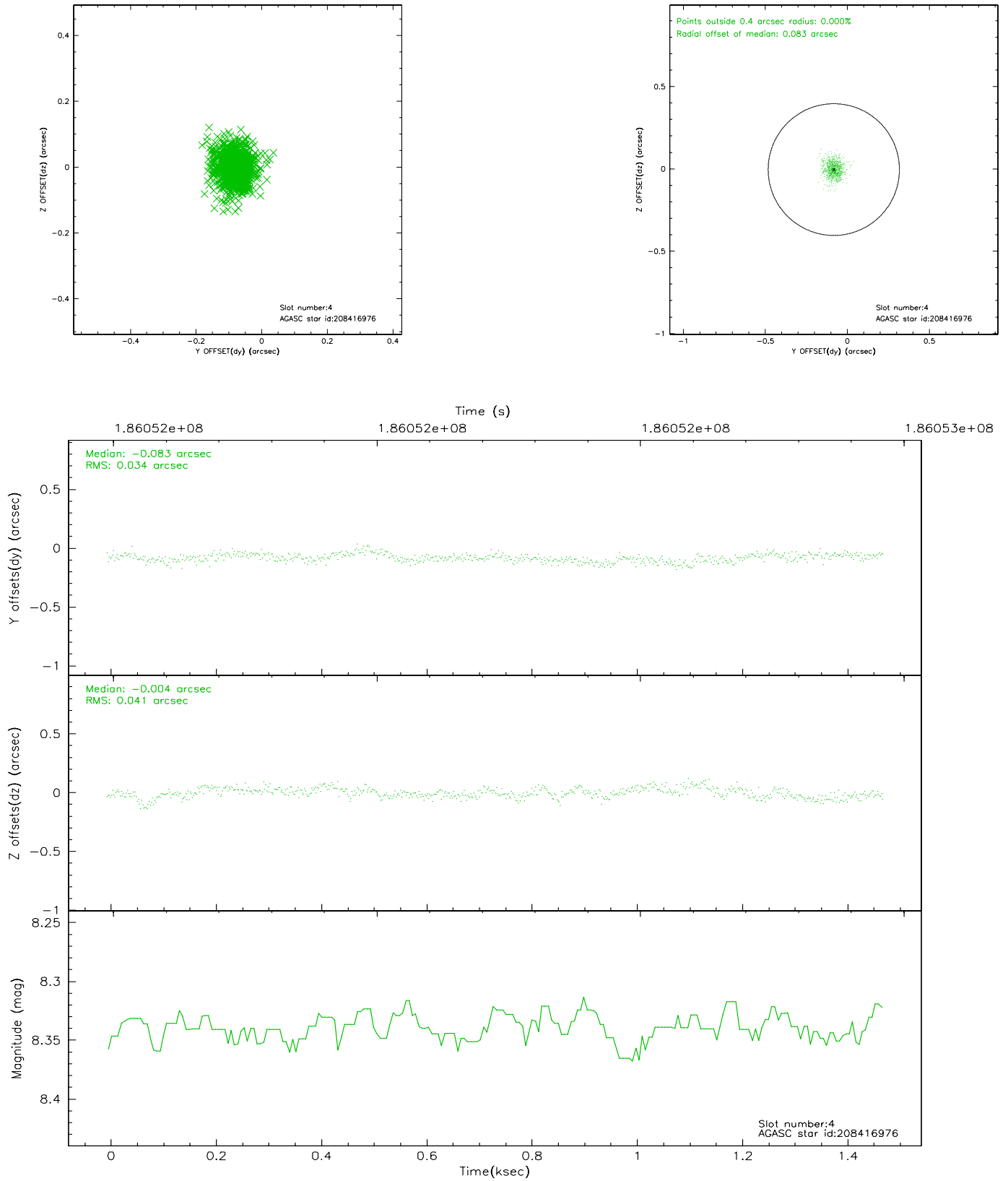
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	360	-0.005	0.019	0.007	0.010	0.000000	0.000000	-760.47	-1732.90
1	FID	ACIS-S-4	7.20	360	0.006	-0.003	0.005	0.010	0.000000	0.000000	2150.76	170.92
2	FID	ACIS-S-5	7.22	360	-0.032	-0.007	0.007	0.011	0.000000	0.000000	-1807.58	169.68
3	GUIDE	207916440	6.84	720	-0.204	-0.061	0.055	0.089	287.167522	16.851310	-1543.19	-2280.72
4	GUIDE	208416976	8.34	720	-0.083	-0.004	0.056	0.095	287.326965	17.073967	-1737.24	-1331.28
5	GUIDE	209596088	9.39	720	0.248	0.133	0.143	0.224	288.150718	16.305149	2227.09	-1212.82
6	GUIDE	210120944	8.43	719	-0.038	0.099	0.068	0.114	288.245736	17.506735	-656.38	2023.81
7	GUIDE	209585448	7.94	719	0.072	-0.164	0.074	0.113	288.114724	16.850123	730.51	63.45

2.4 Star Slots

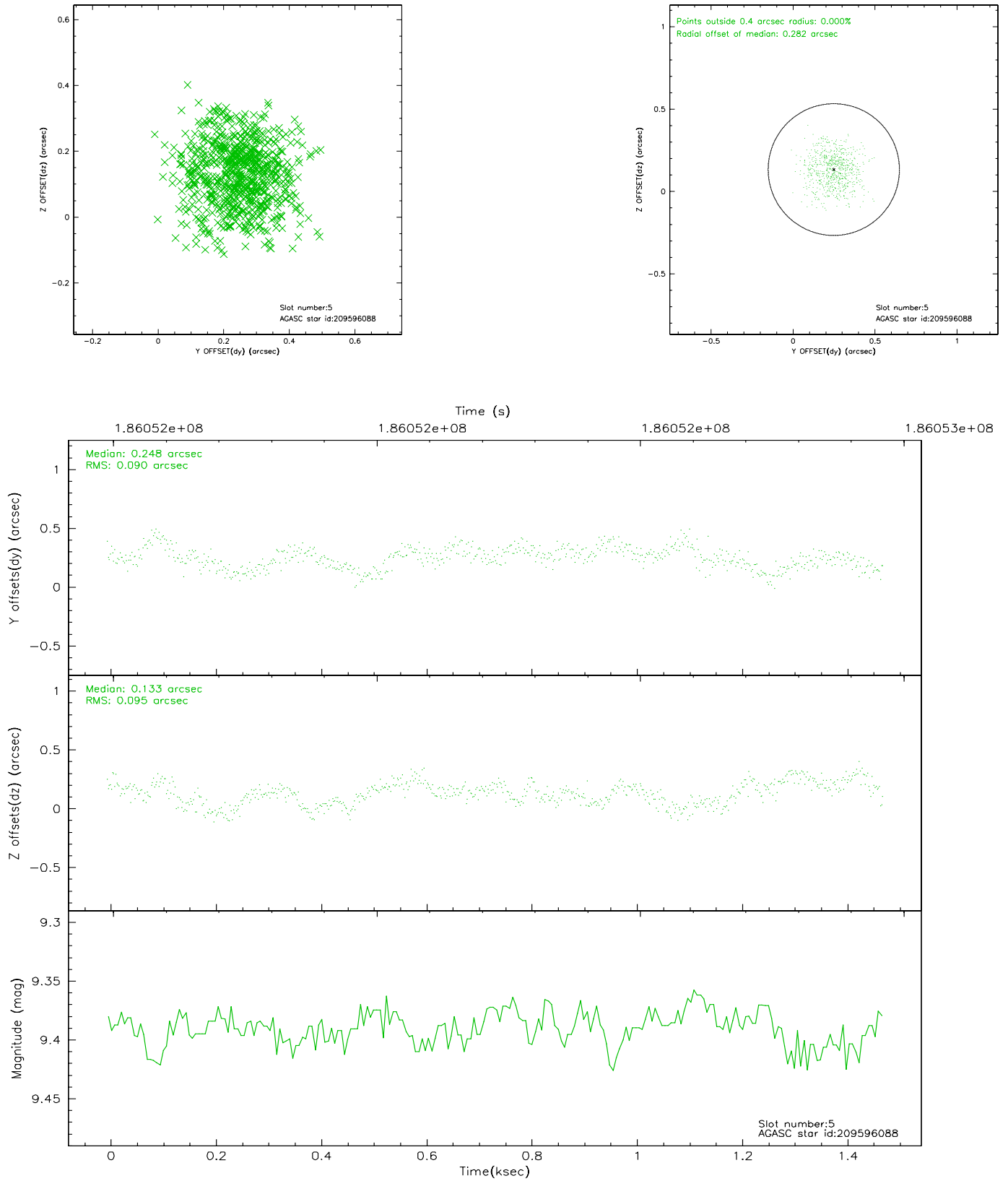
2.4.1 Slot 3



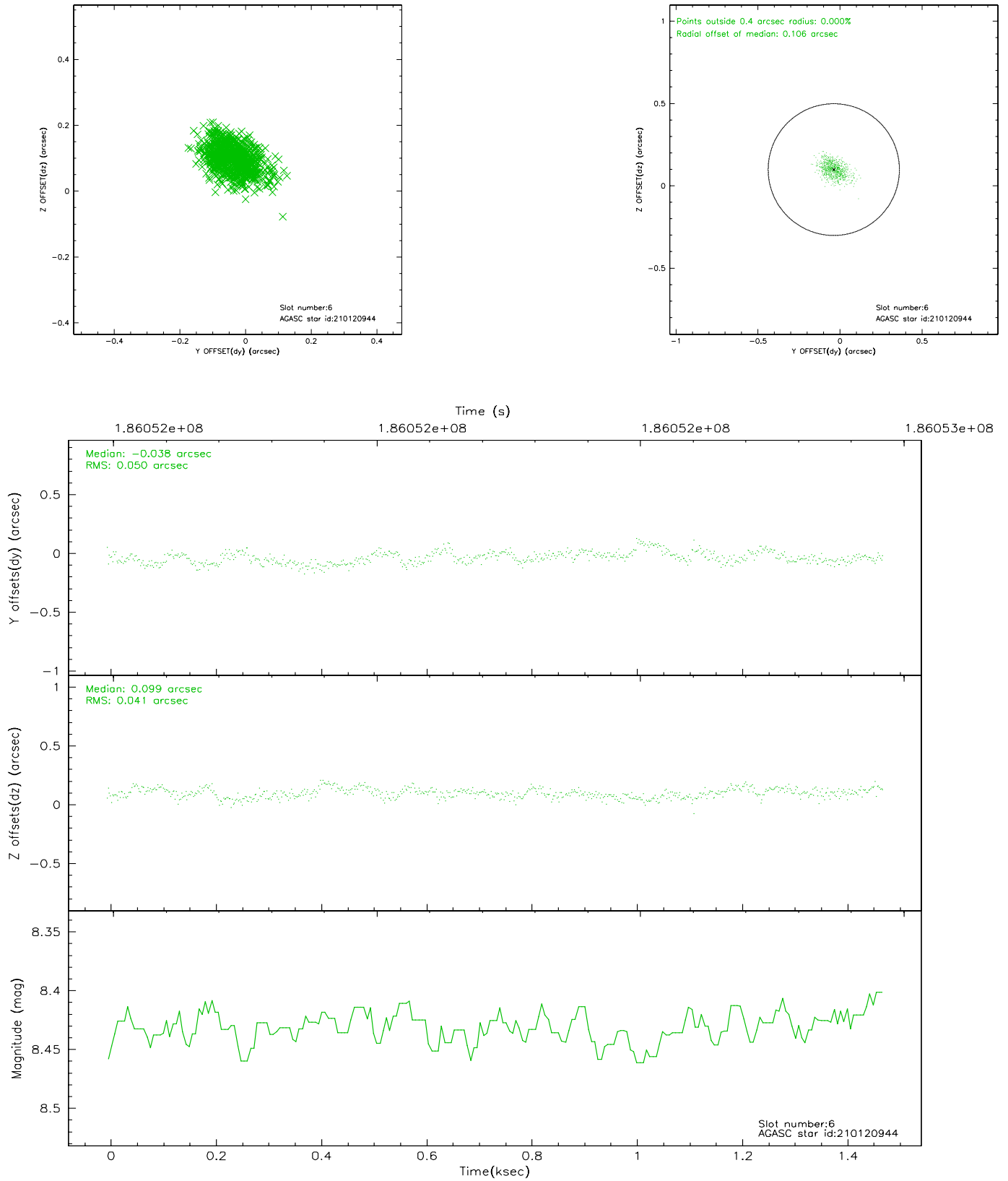
2.4.2 Slot 4



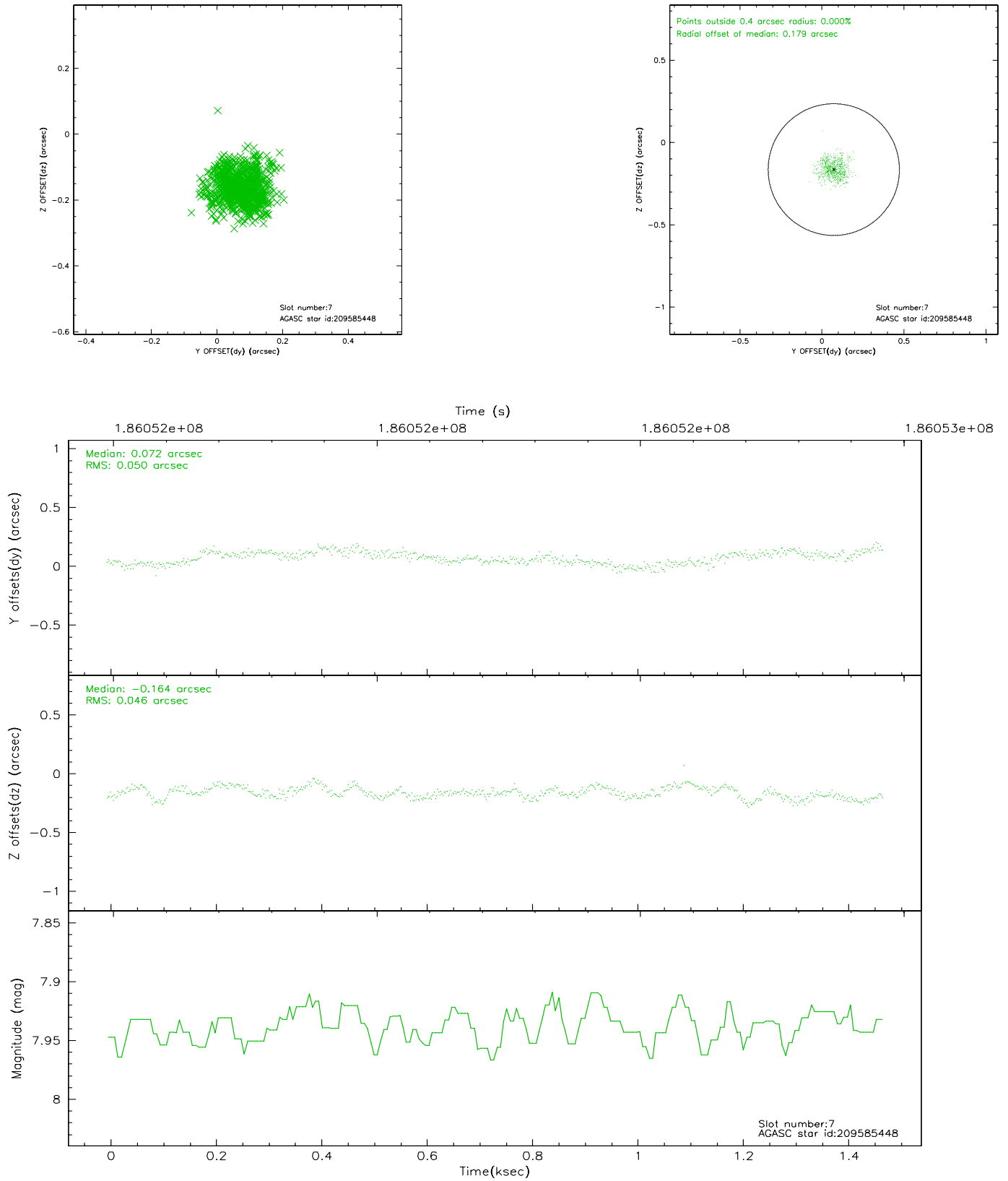
2.4.3 Slot 5



2.4.4 Slot 6

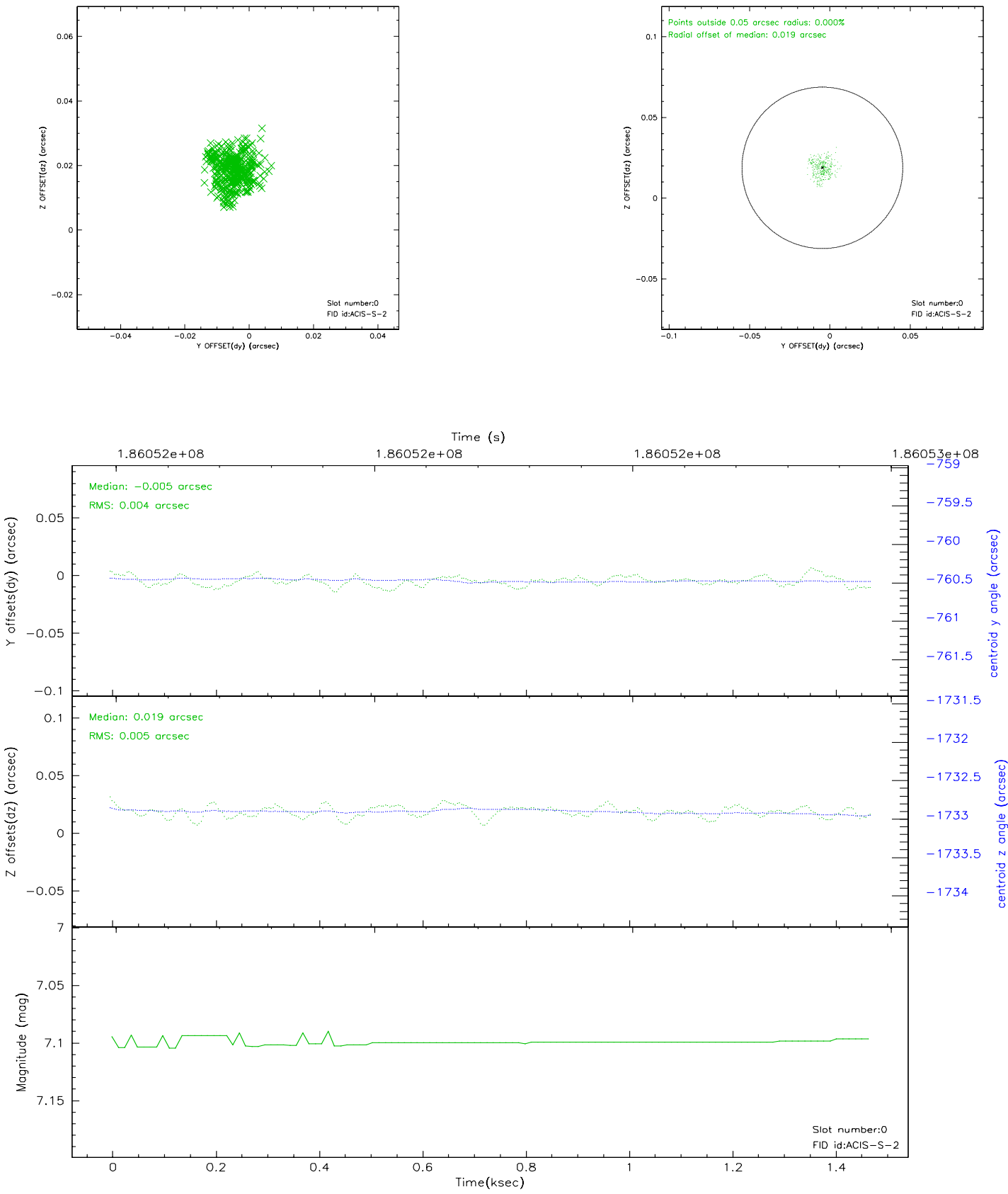


2.4.5 Slot 7

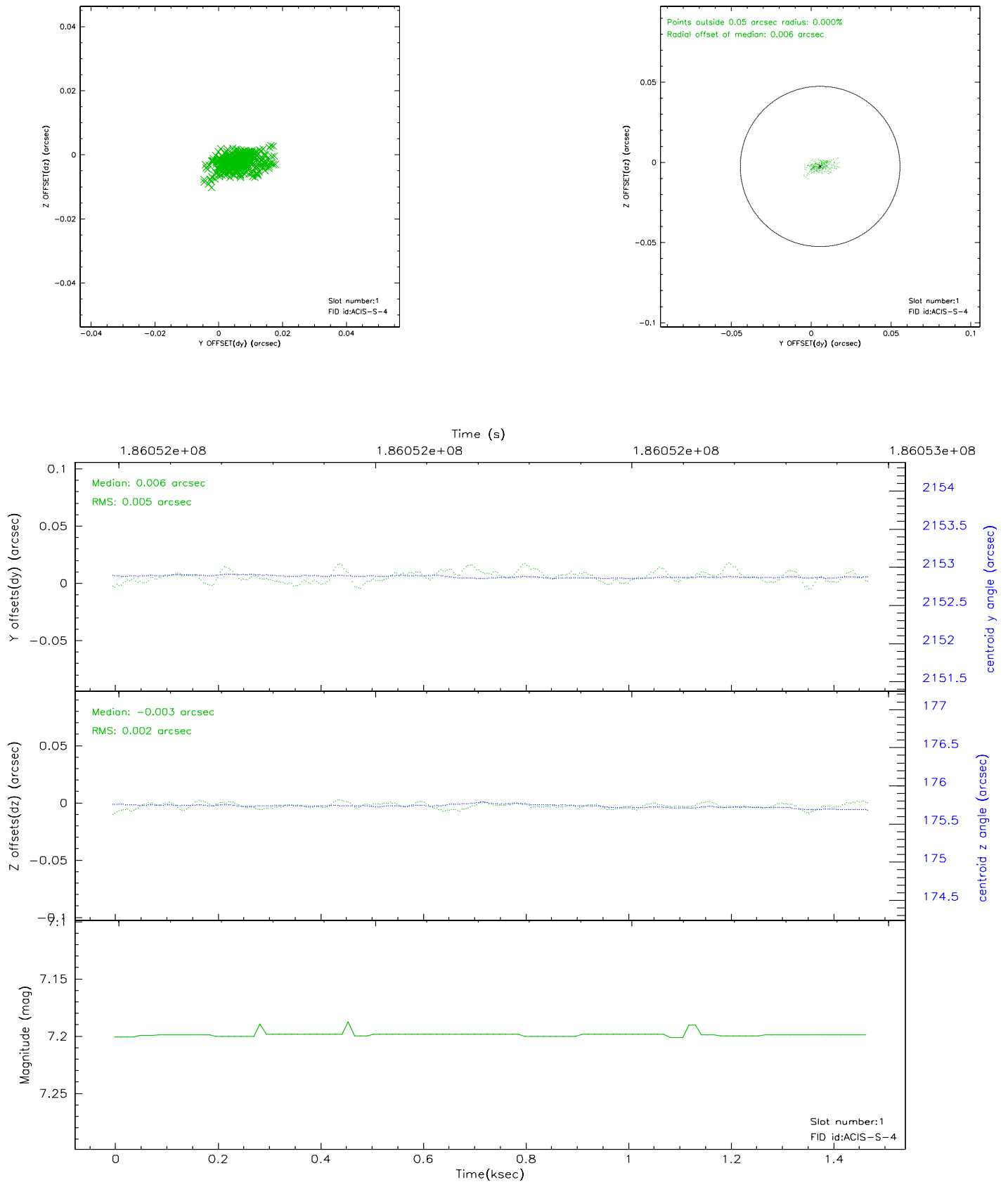


2.5 FID Slots

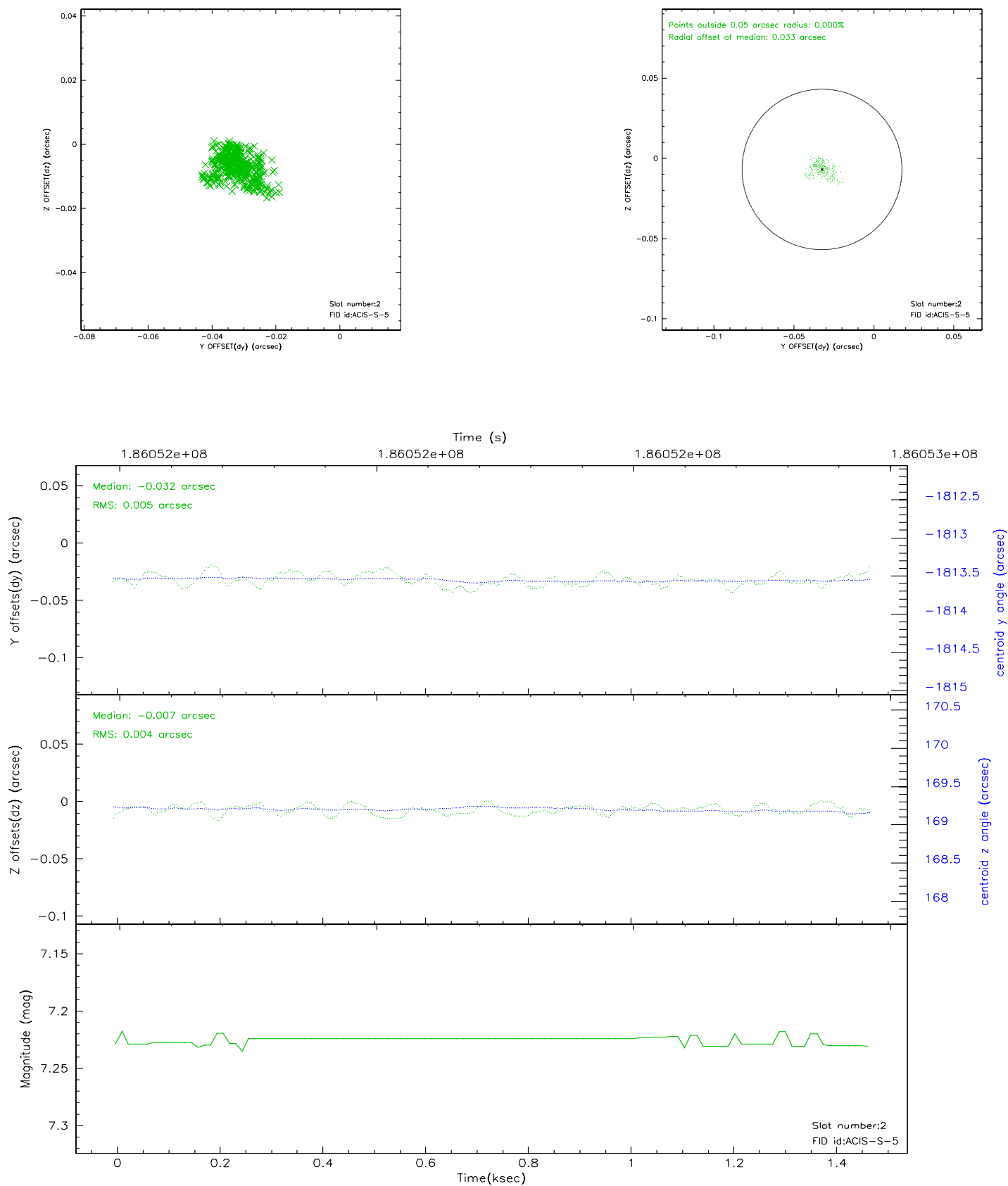
2.5.1 Slot 0



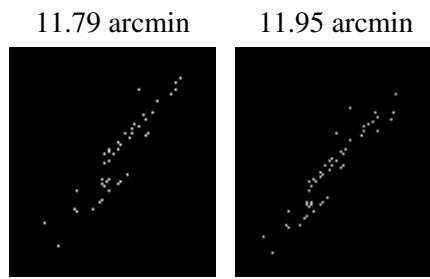
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

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

A.2 Comments