

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 5254 - L2 Version 001
Chandra X-Ray Center

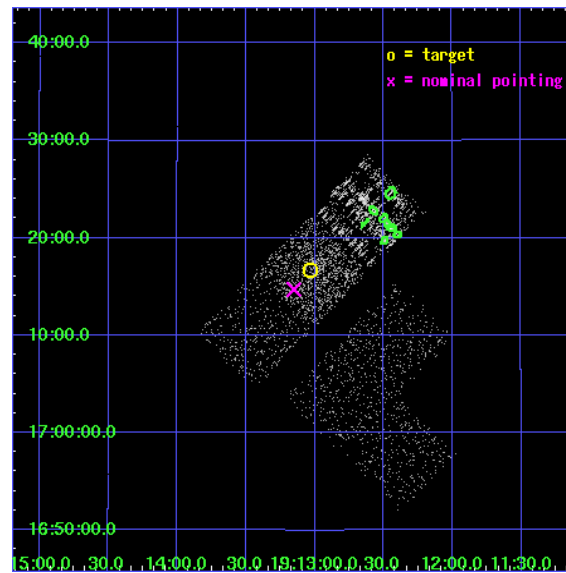
L2 Processing Date : Jun 26 2006

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1 Front

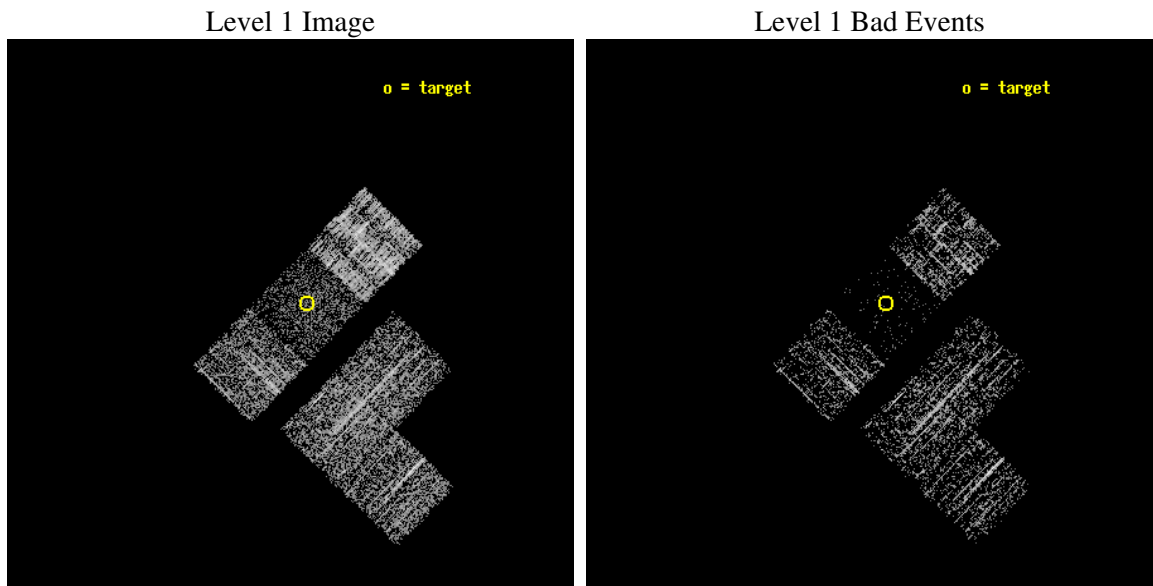
seq_num	100051
obs_id	5254
title	High Resolution Imaging of the Source of Comet Encke's X-Rays Over One Nuclear Rotation
observer	Dr. Carey Lisse
object	2P/Encke (2003)
dtcycle	0
cycle	P
ra_targ	288.2581
dec_targ	17.27738
ra_nom	288.28801655479
dec_nom	17.245448320901
roll_nom	314.14777841564
revision	2
ontime	1468.7999945283
livetime	1450.2011645924
ontime0	1468.7999945283
ontime2	1468.7999945283
ontime3	1468.7999945283
ontime6	1468.7999945283
ontime7	1468.7999945283
ontime8	1468.7999945283
l2events	4597



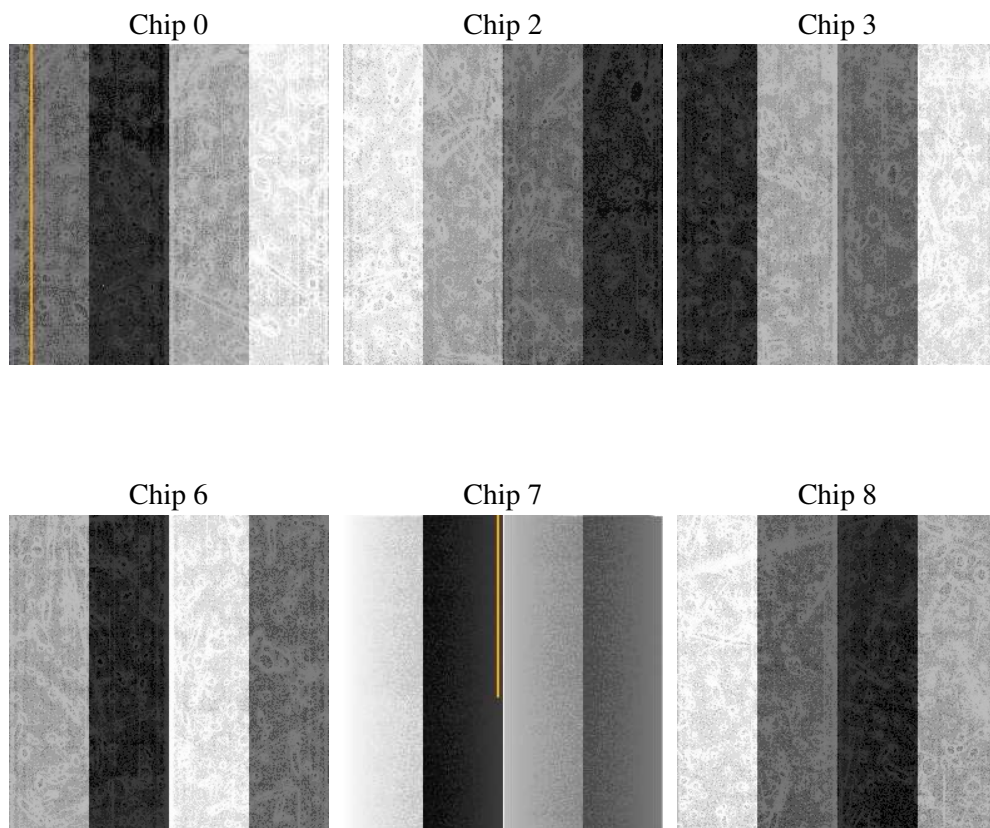
2 OBI

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	2006-06-26T17:00:46
revision	2

sched_exp_time	1290.000000
ontime	1798.7557878196
ontime0	1798.7557878196
ontime2	1798.7557878196
ontime3	1798.7557878196
ontime6	1798.7557878196
ontime7	1798.7557878196
ontime8	1798.7557878196
l1events	43350

2.1.4 Events

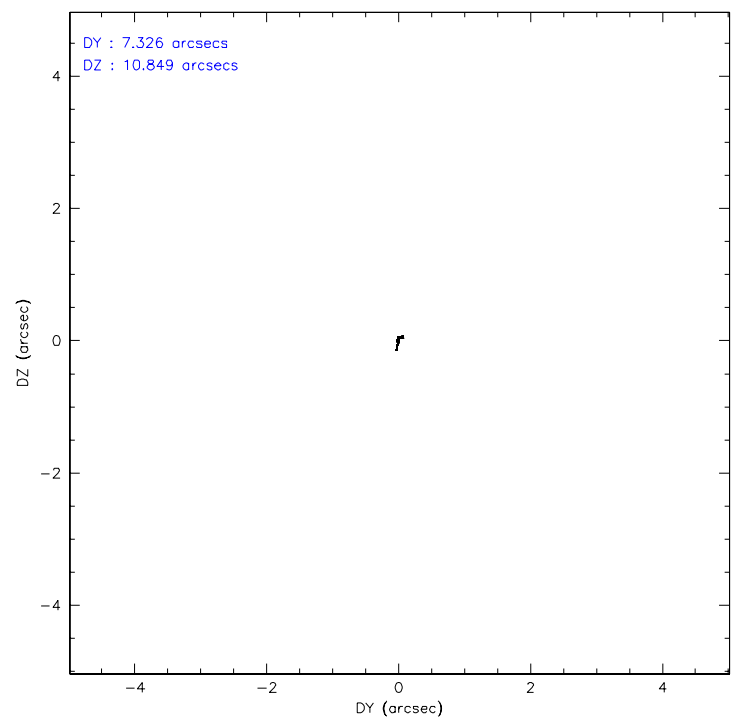
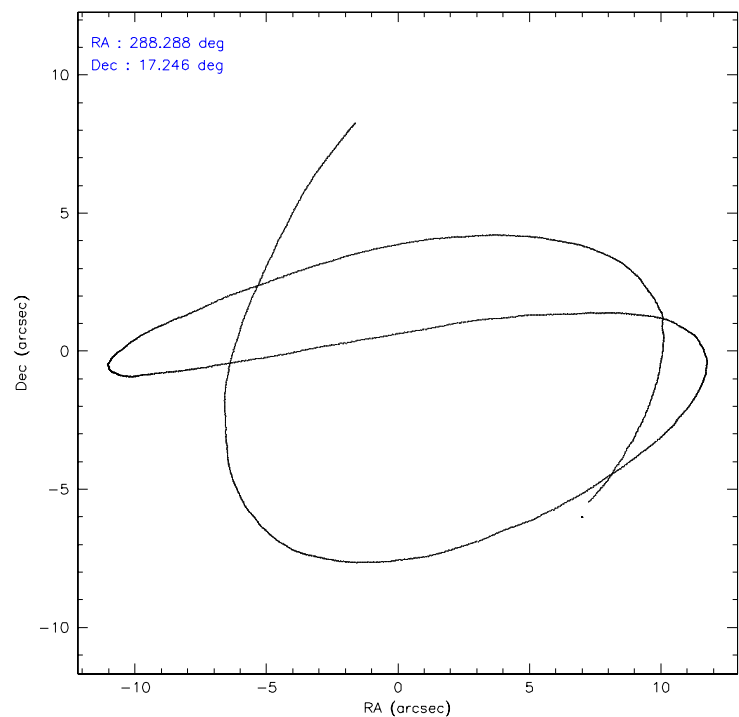
	ccd 0	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
level 1 events	6665	7561	6401	6230	2330	14163
rejected events	6177	6978	6011	5718	1011	8277
rejected %	92%	92%	93%	91%	43%	58%

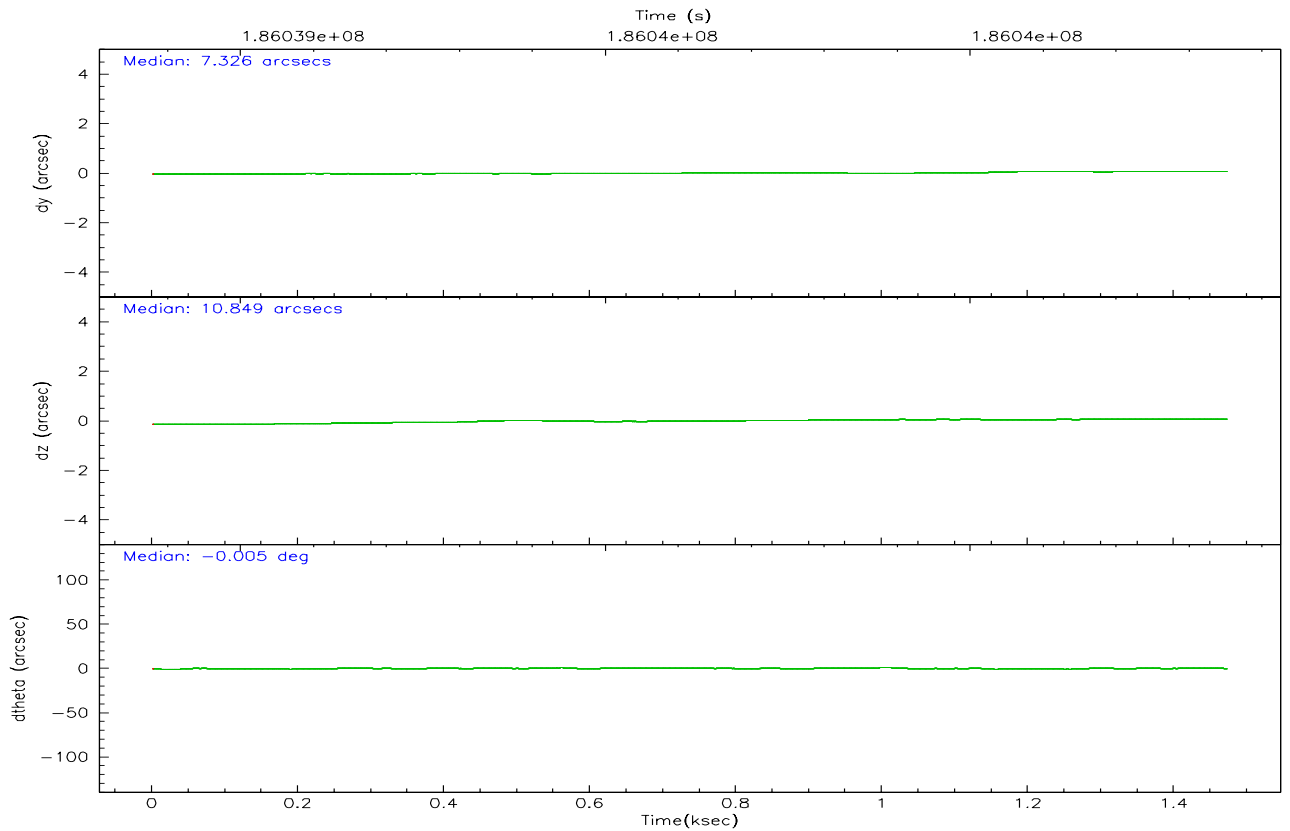
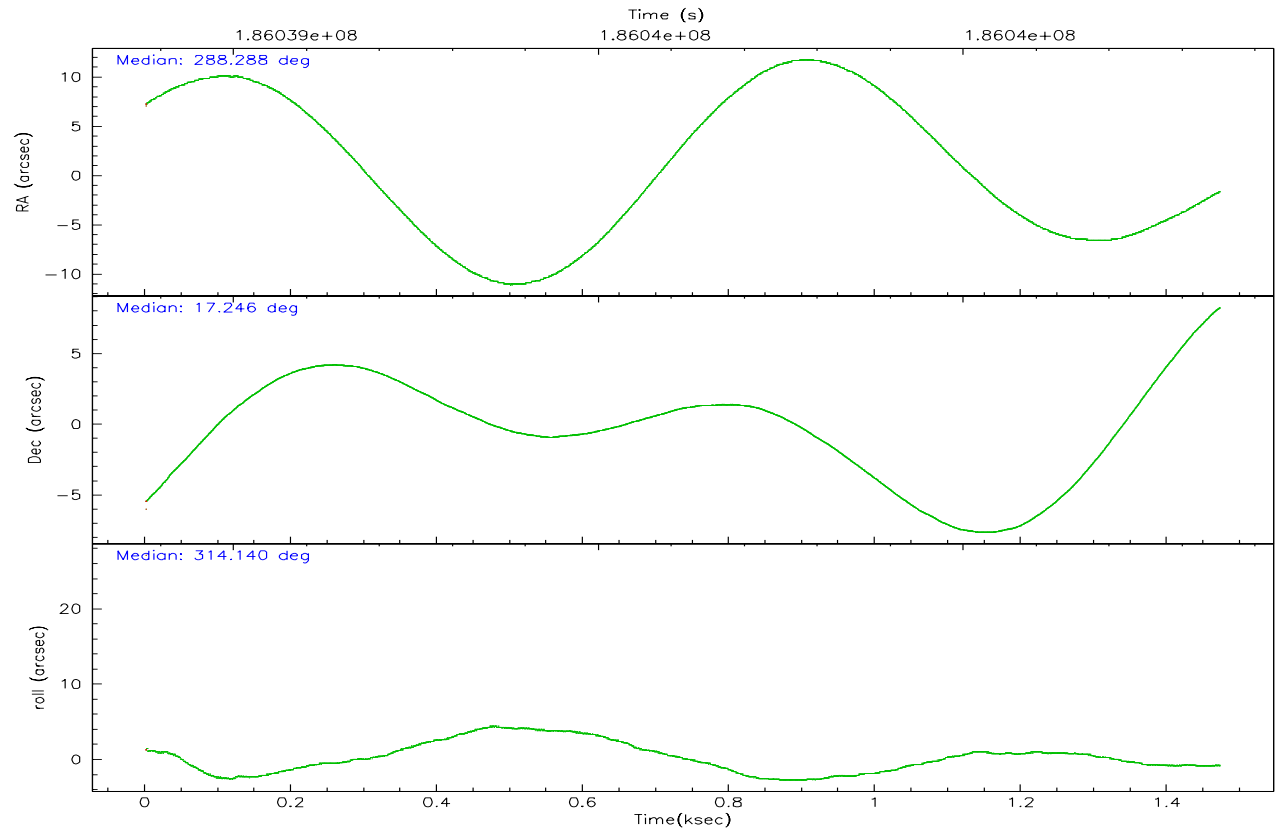
	ccd 0	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
grade 0 events	242	328	225	300	393	1884
	3%	4%	3%	4%	16%	13%
grade 1 events	8	2	1	3	6	15
	0%	0%	0%	0%	0%	0%
grade 2 events	173	195	89	145	496	1149
	2%	2%	1%	2%	21%	8%
grade 3 events	59	57	57	56	166	1103
	0%	0%	0%	0%	7%	7%
grade 4 events	52	69	47	57	149	988
	0%	0%	0%	0%	6%	6%
grade 5 events	38	65	49	46	140	189
	0%	0%	0%	0%	6%	1%
grade 6 events	67	72	44	70	413	1880
	1%	0%	0%	1%	17%	13%
grade 7 events	6026	6773	5889	5553	567	6955
	90%	89%	92%	89%	24%	49%

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	288.260482	288.2880165547946	Alternating exposures requested	N	N
Pointing Dec	17.252469	17.24544832090148	Primary exposure time	0.000000	3.2
Pointing Roll	313.999284	314.1477784156404			
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	186039064.184000	186038687.80626			
Observation start date	2003-11-24T05:30:00	2003-11-24T05:24:47			
Observation end time	186040354.184000	186040487.70634			
Observation end date	2003-11-24T05:51:30	2003-11-24T05:54:47			
Read mode	TIMED	TIMED			

2.3 Aspect



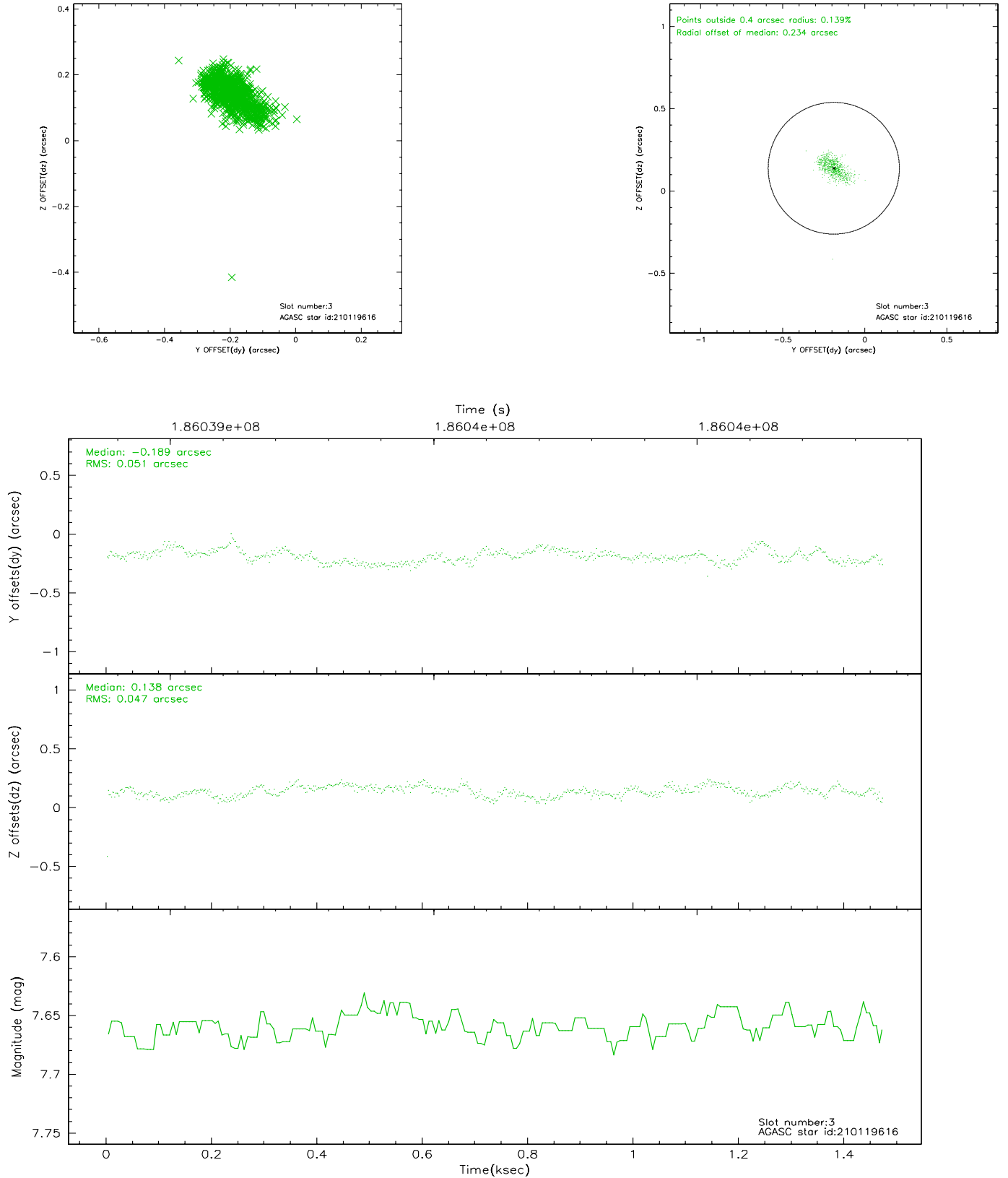


Slot Statistics

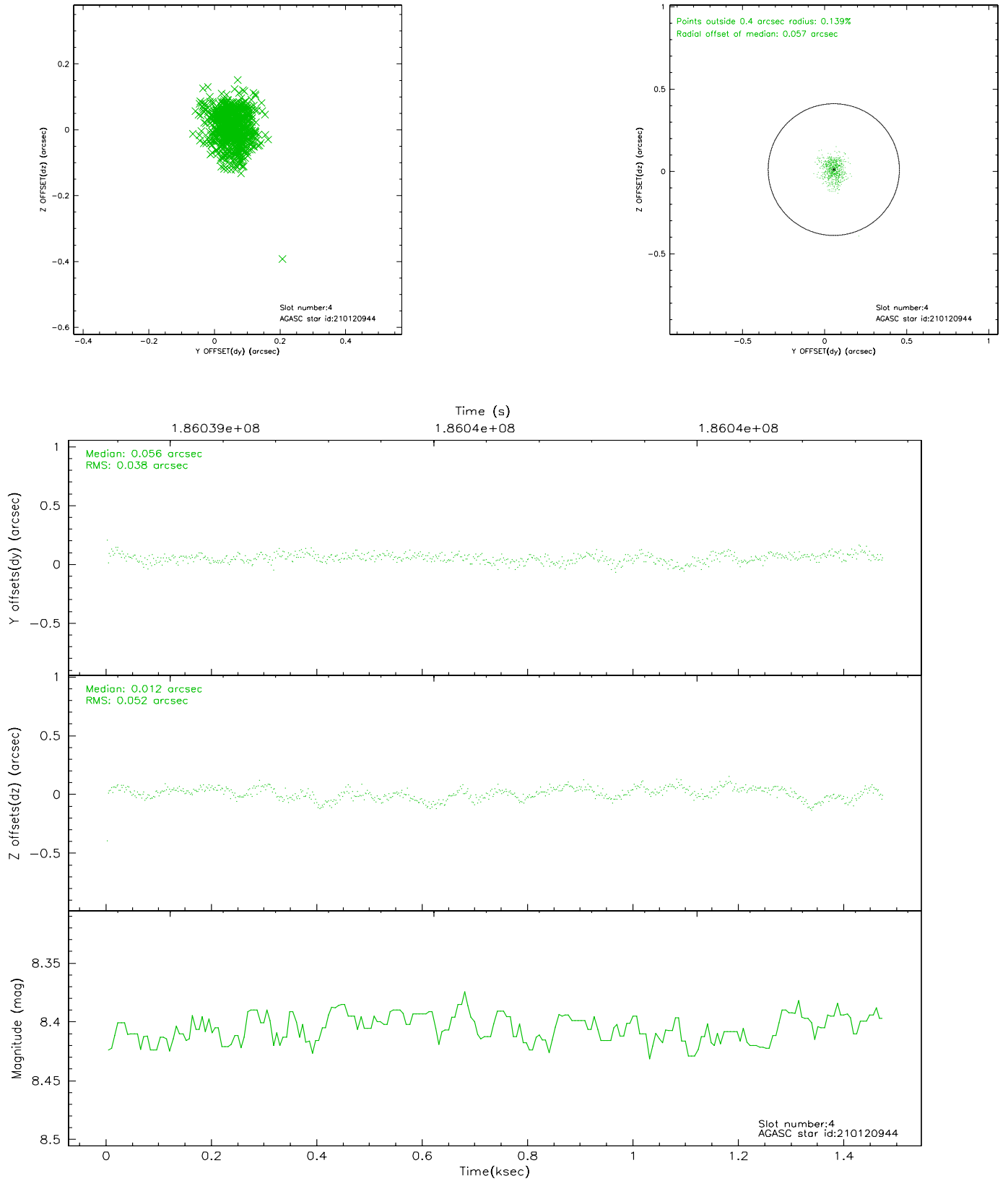
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.18	360	-0.001	-0.034	0.008	0.014	0.000000	0.000000	935.94	-1727.77
1	FID	ACIS-S-4	7.20	360	0.006	0.028	0.006	0.010	0.000000	0.000000	2155.86	171.82
2	FID	ACIS-S-5	7.23	359	-0.032	0.019	0.005	0.009	0.000000	0.000000	-1807.16	170.49
3	GUIDE	210119616	7.66	719	-0.189	0.138	0.070	0.115	288.118619	18.001946	-2278.46	1524.97
4	GUIDE	210120944	8.41	719	0.056	0.012	0.065	0.110	288.245736	17.506735	-696.39	601.52
5	GUIDE	209585448	7.94	719	-0.032	-0.087	0.056	0.090	288.114724	16.850123	693.48	-1366.58
6	GUIDE	209585808	9.58	718	0.116	-0.043	0.098	0.155	288.224102	16.655071	1461.65	-1585.90
7	GUIDE	209597336	9.65	718	0.052	-0.015	0.098	0.159	288.296770	16.634934	1688.97	-1456.20

2.4 Star Slots

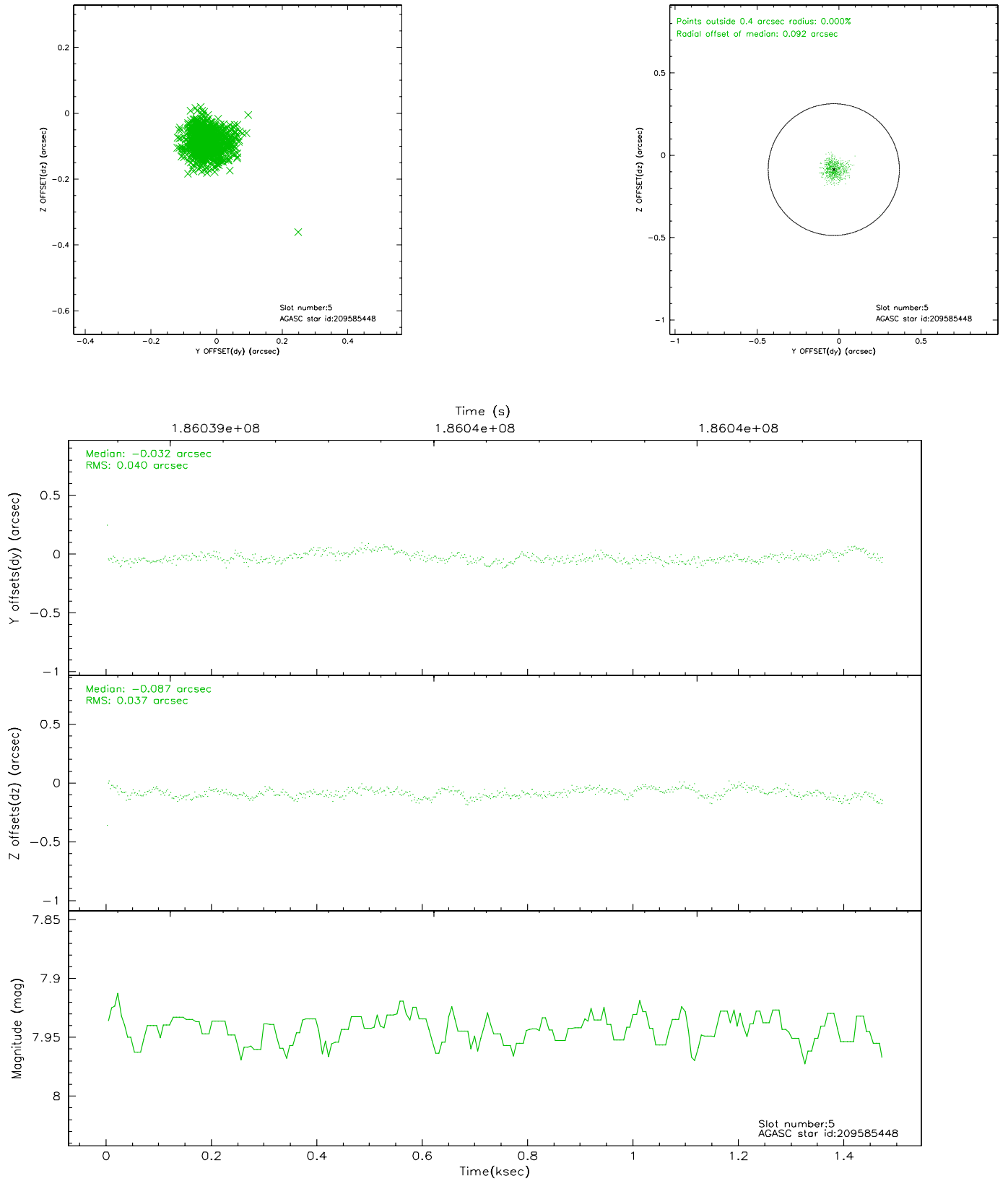
2.4.1 Slot 3



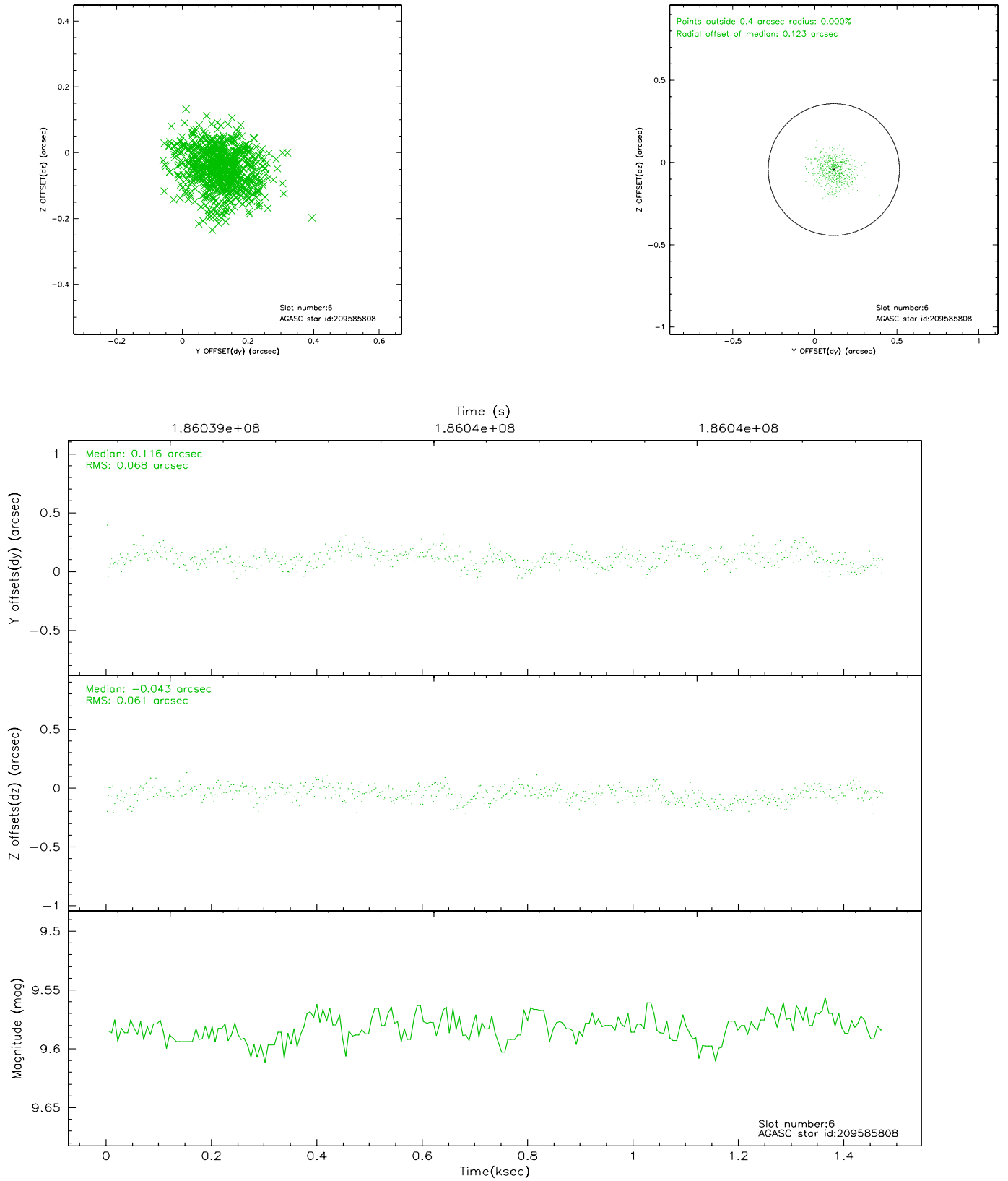
2.4.2 Slot 4



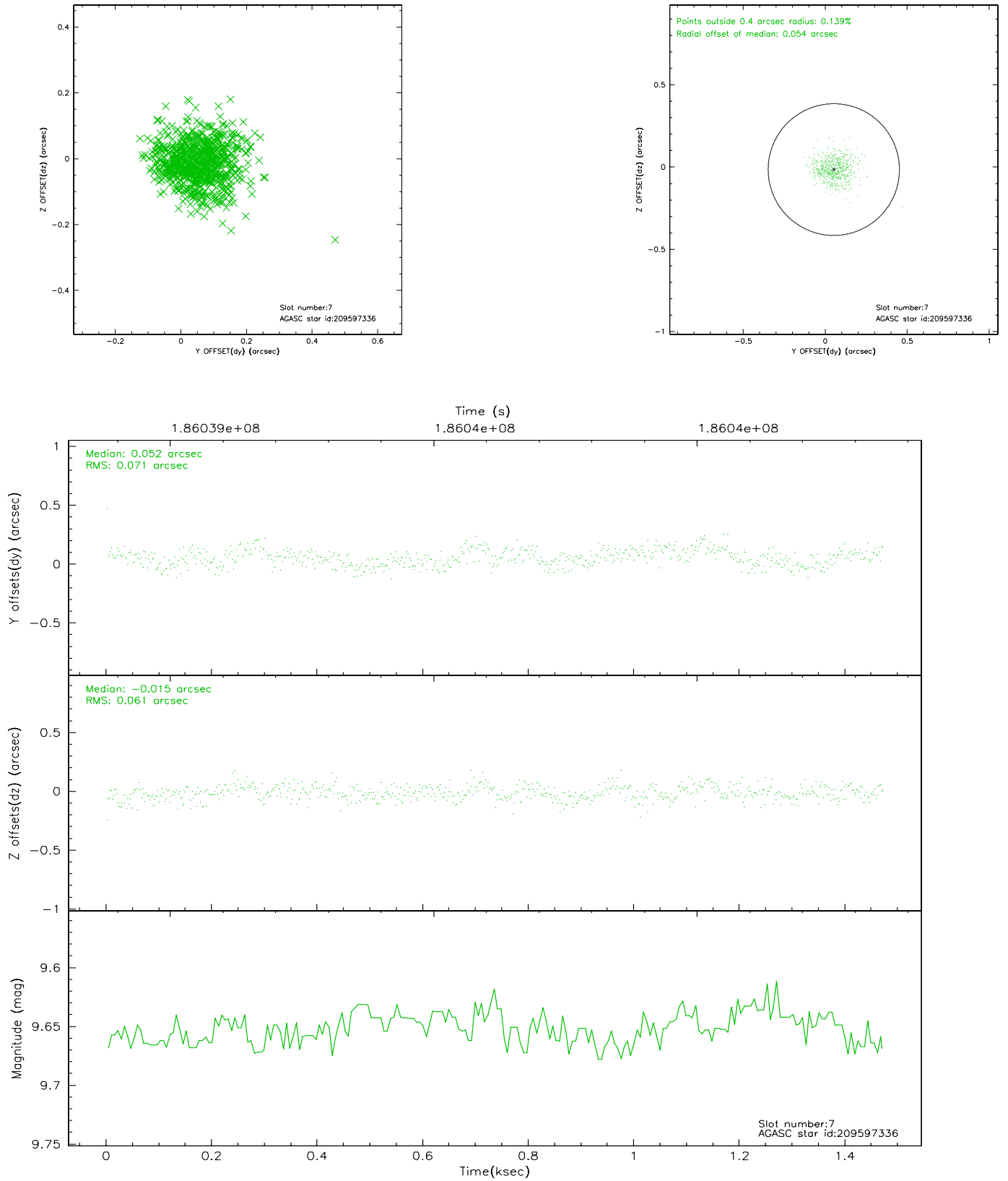
2.4.3 Slot 5



2.4.4 Slot 6

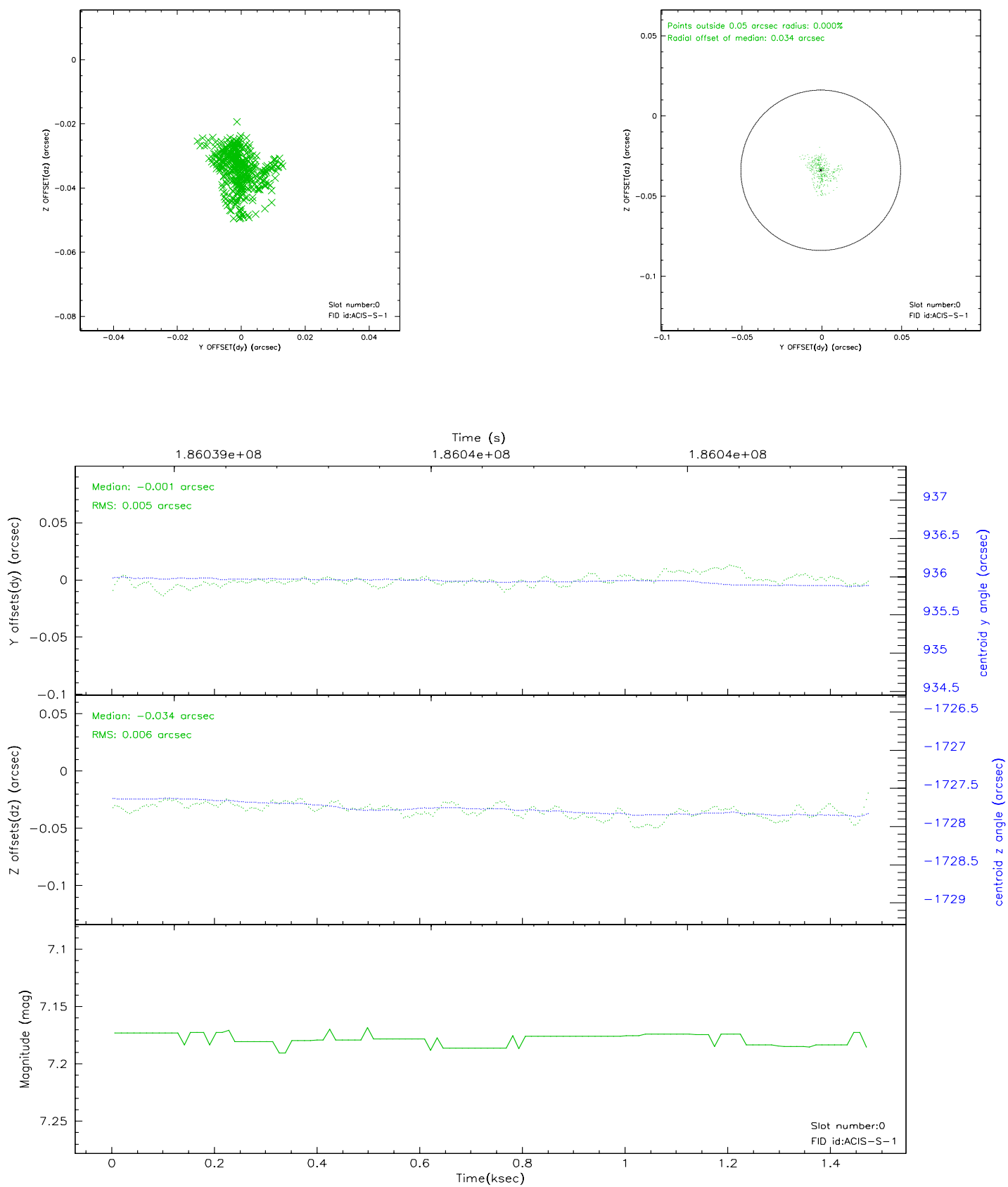


2.4.5 Slot 7

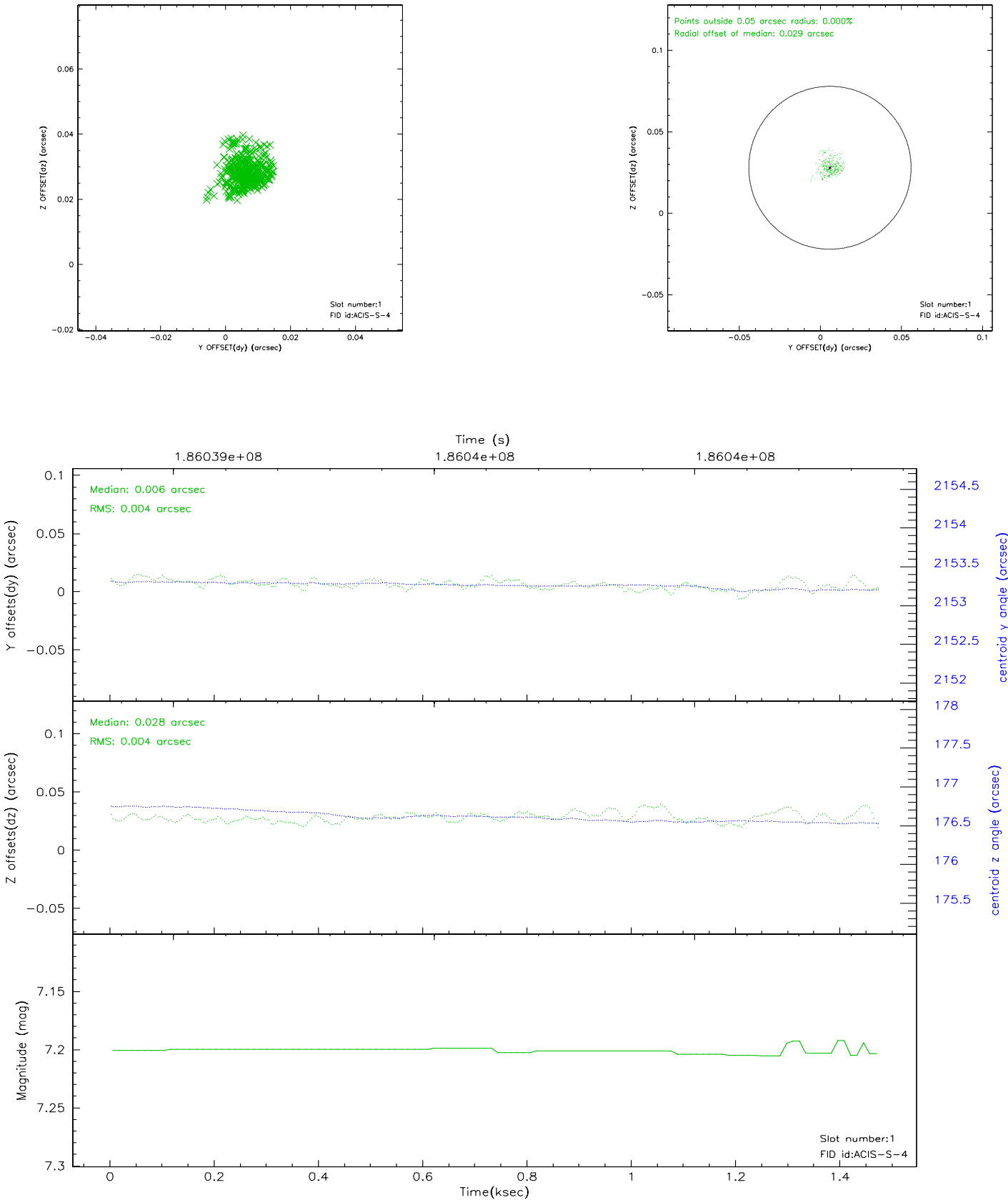


2.5 FID Slots

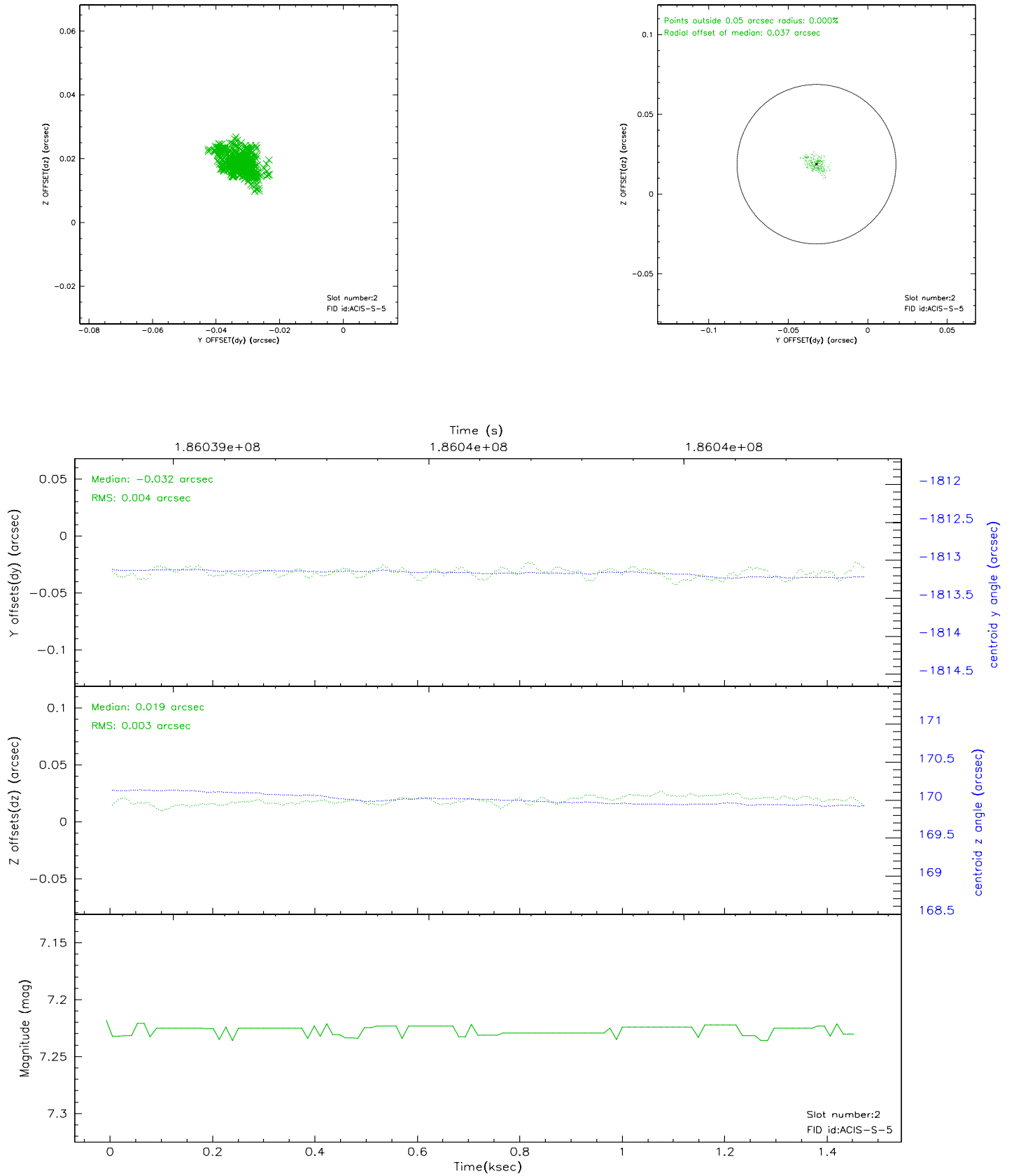
2.5.1 Slot 0



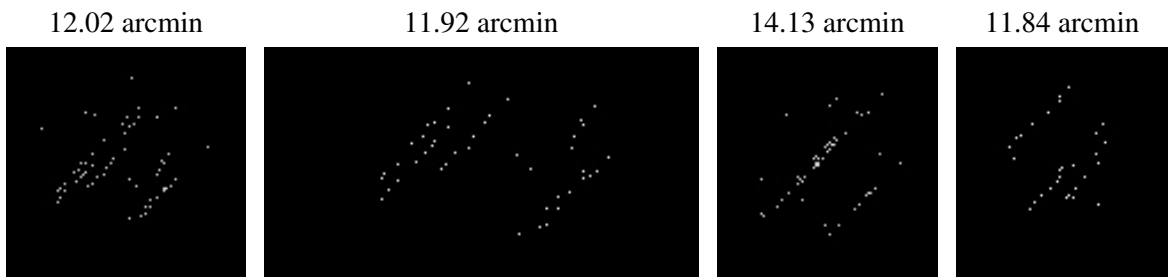
2.5.2 Slot 1



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	1.468

A.2 Comments