

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 5253 - L2 Version 001
Chandra X-Ray Center

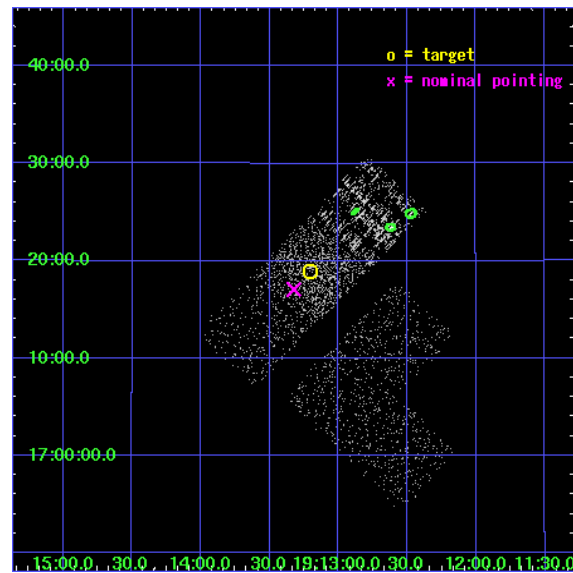
L2 Processing Date : Jun 26 2006

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1 Front

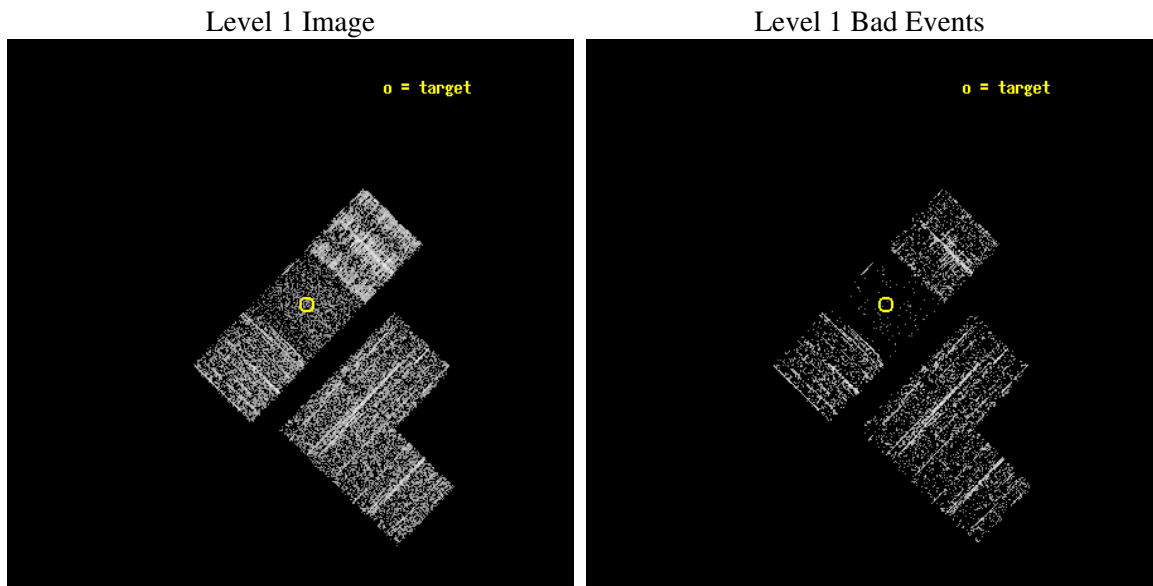
seq_num	100051
obs_id	5253
title	High Resolution Imaging of the Source of Comet Encke's X-Rays Over One Nuclear Rotation
observer	Dr. Carey Lisse
object	2P/Encke (2003)
dtcycle	0
cycle	P
ra_targ	288.30143
dec_targ	17.31621
ra_nom	288.33099989791
dec_nom	17.284569277826
roll_nom	314.14784147438
revision	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	4114



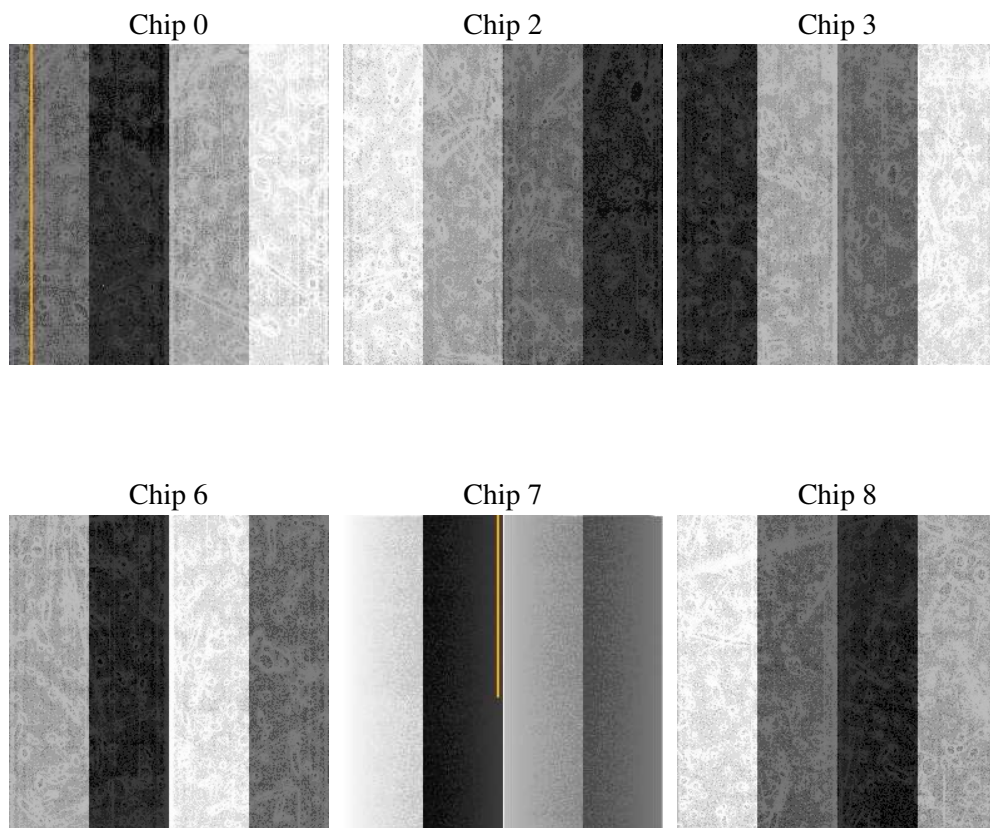
2 OBI

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	2006-06-26T17:05:00
revision	2

sched_exp_time	1290.000000
ontime	1801.9969379008
ontime0	1801.9969379008
ontime2	1801.9969379008
ontime3	1801.9969179928
ontime6	1801.9969578087
ontime7	1801.9969379008
ontime8	1801.9969179928
l1events	39972

2.1.4 Events

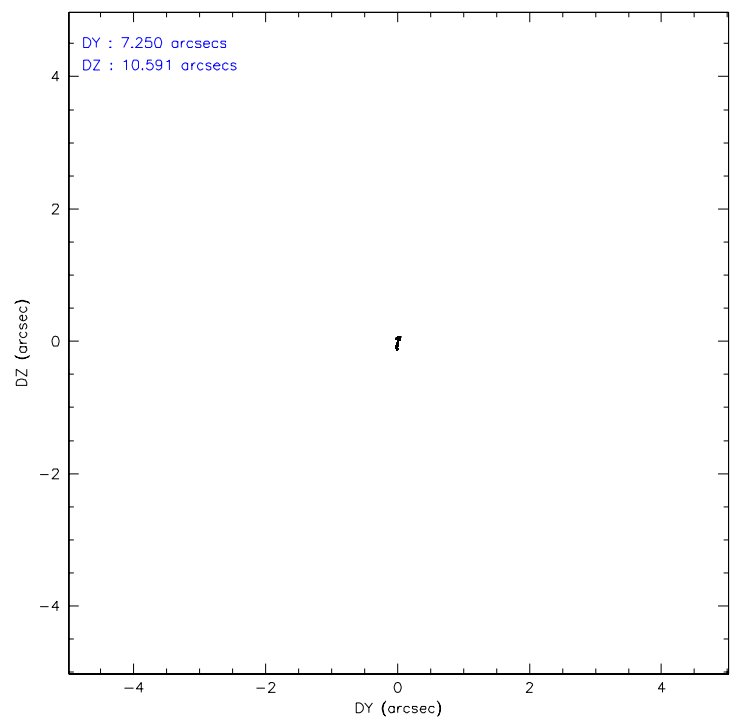
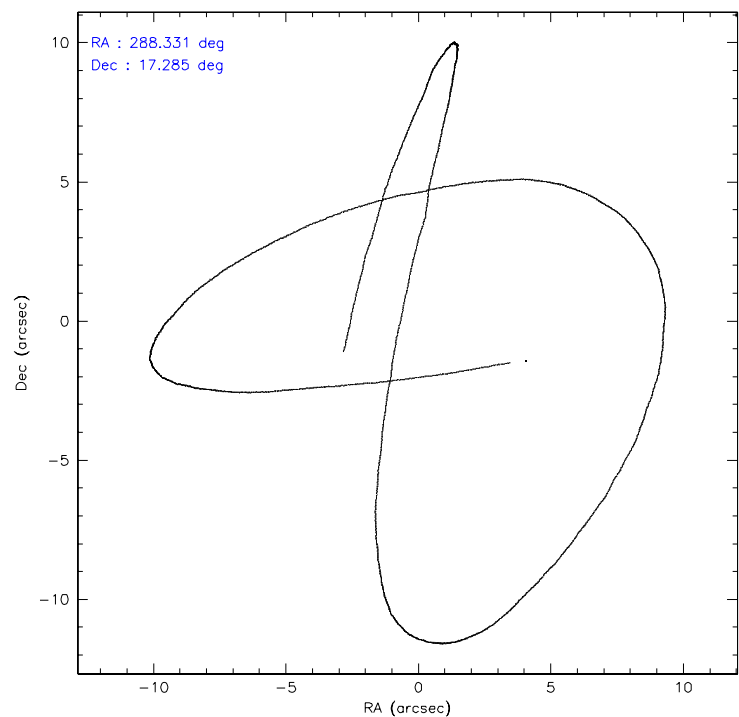
	ccd 0	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
level 1 events	5567	6884	6165	6936	2399	12021
rejected events	5102	6317	5820	6432	1064	7169
rejected %	91%	91%	94%	92%	44%	59%

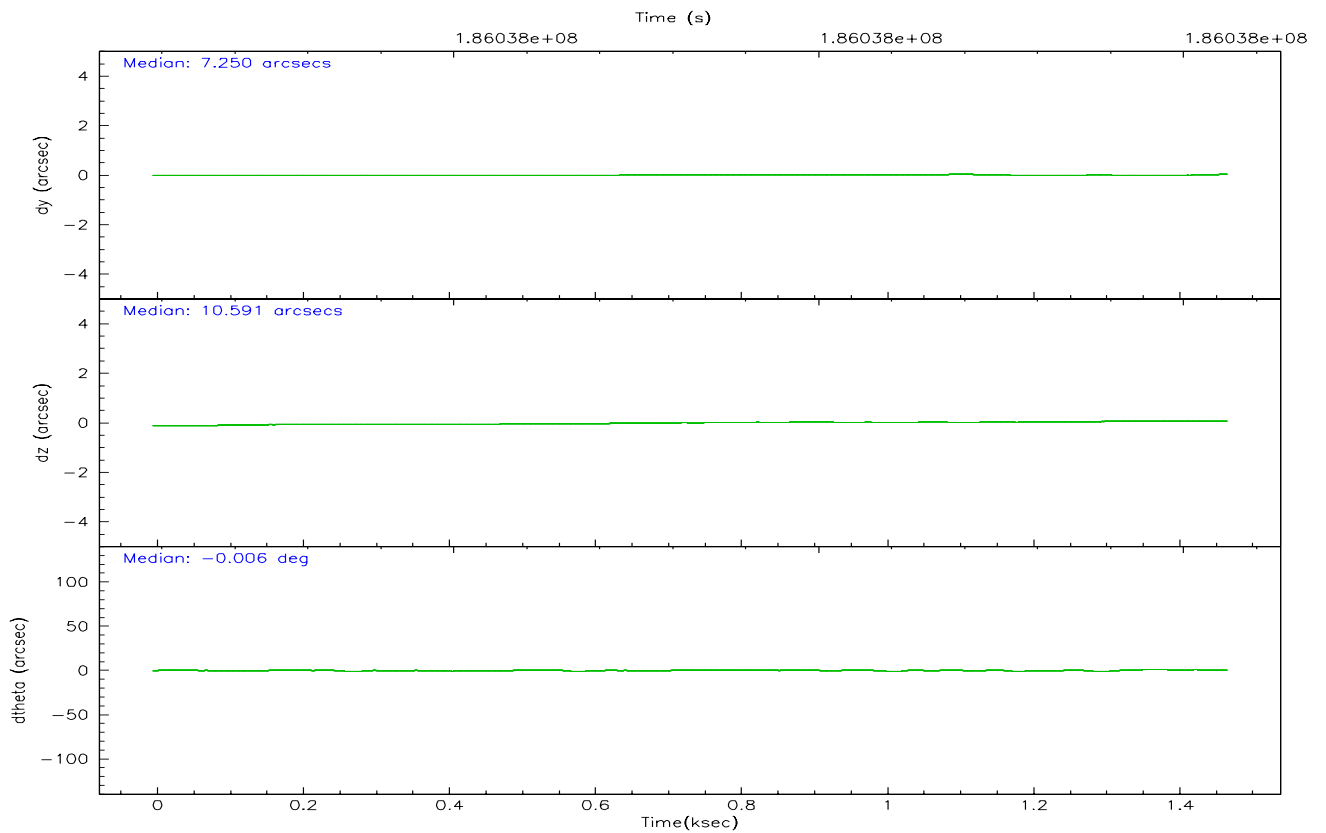
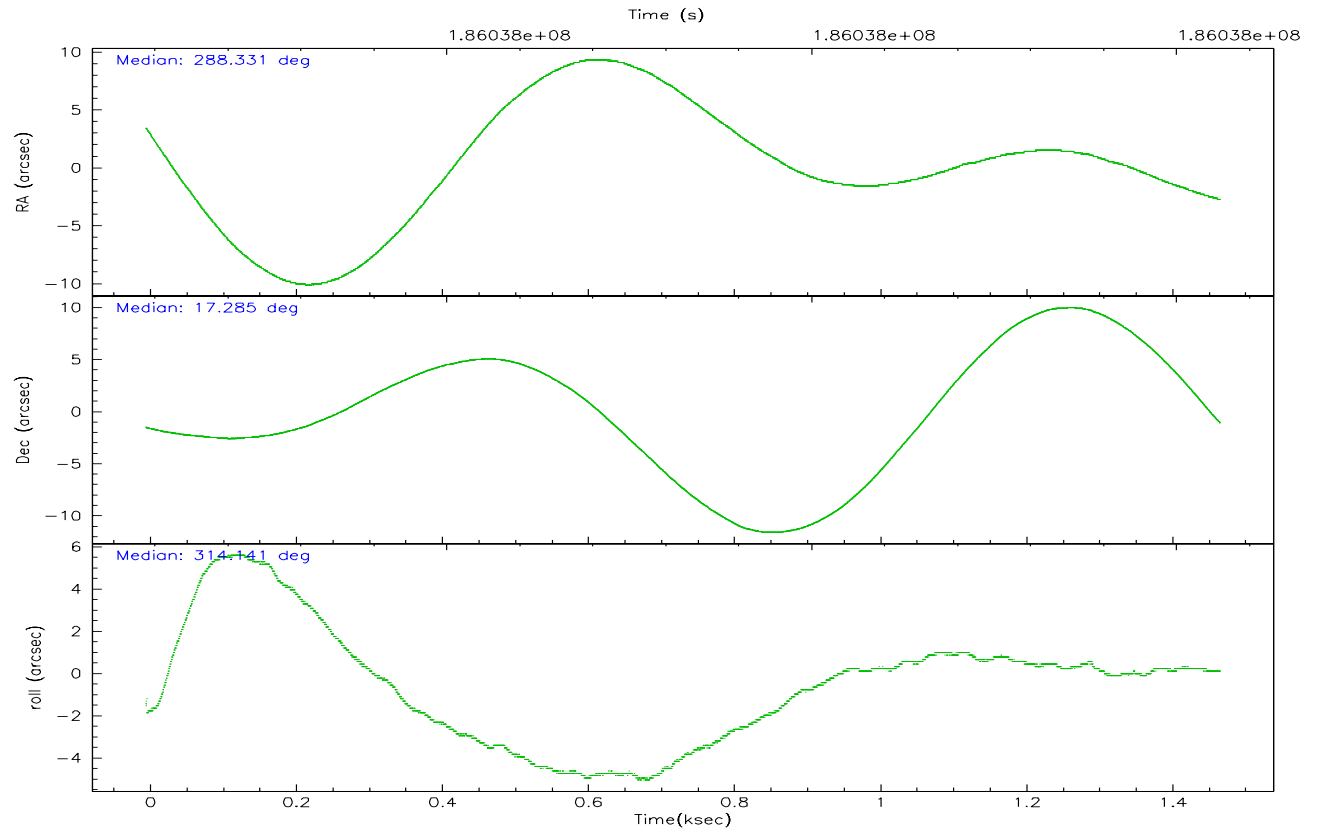
	ccd 0	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
grade 0 events	228	325	196	282	345	1645
	4%	4%	3%	4%	14%	13%
grade 1 events	6	3	3	4	6	10
	0%	0%	0%	0%	0%	0%
grade 2 events	181	168	83	158	490	1022
	3%	2%	1%	2%	20%	8%
grade 3 events	60	52	49	43	174	960
	1%	0%	0%	0%	7%	7%
grade 4 events	49	72	33	60	163	897
	0%	1%	0%	0%	6%	7%
grade 5 events	36	33	45	48	168	195
	0%	0%	0%	0%	7%	1%
grade 6 events	68	74	61	58	452	1523
	1%	1%	0%	0%	18%	12%
grade 7 events	4939	6157	5695	6283	601	5769
	88%	89%	92%	90%	25%	47%

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	288.303814	288.330998979107	Alternating exposures requested	N	N
Pointing Dec	17.291295	17.28456927782585	Primary exposure time	0.000000	3.2
Pointing Roll	313.999287	314.1478414743781			
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	186037264.184000	186036887.90618			
Observation start date	2003-11-24T05:00:00	2003-11-24T04:54:47			
Observation end time	186038554.184000	186038687.80626			
Observation end date	2003-11-24T05:21:30	2003-11-24T05:24:47			
Read mode	TIMED	TIMED			

2.3 Aspect



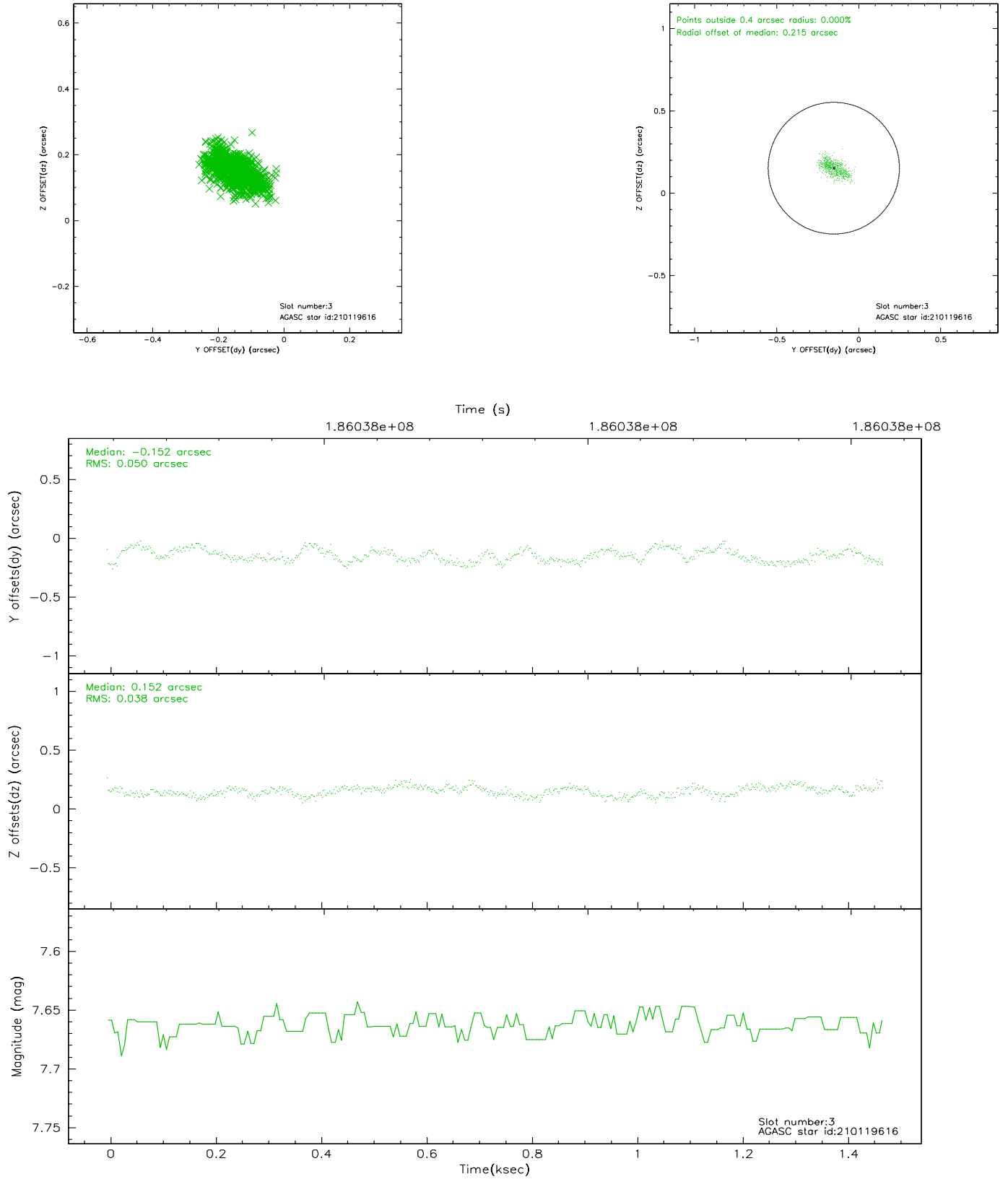


Slot Statistics

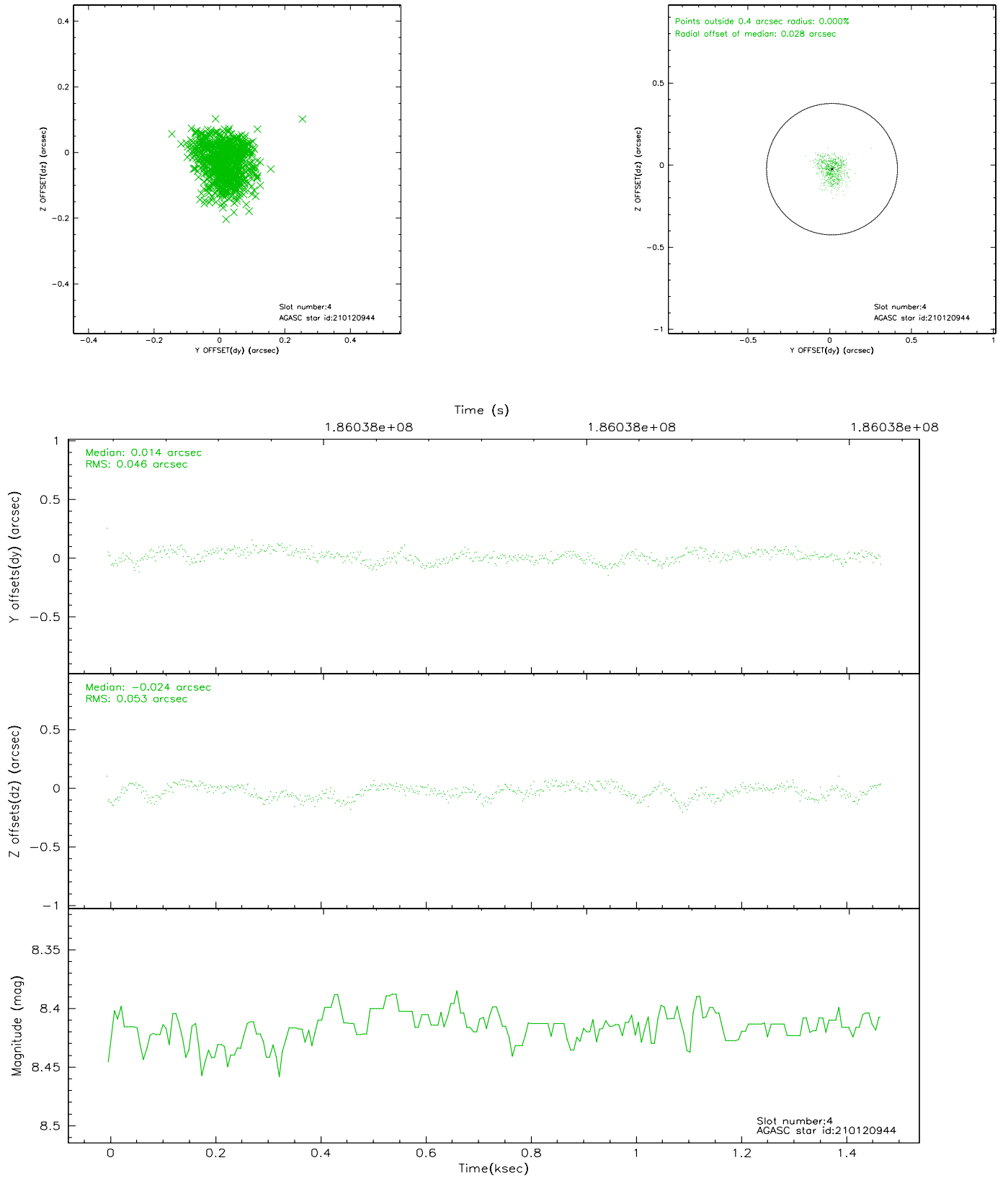
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.18	359	0.008	-0.029	0.008	0.012	0.000000	0.000000	936.04	-1727.49
1	FID	ACIS-S-5	7.24	360	-0.010	0.013	0.006	0.011	0.000000	0.000000	-1810.47	165.46
2	FID	ACIS-S-6	7.35	360	-0.020	0.027	0.007	0.013	0.000000	0.000000	396.70	814.52
3	GUIDE	210119616	7.66	719	-0.152	0.152	0.069	0.107	288.118619	18.001946	-2279.34	1321.39
4	GUIDE	210120944	8.41	718	0.014	-0.024	0.077	0.119	288.245736	17.506735	-697.59	397.24
5	GUIDE	209585448	7.94	719	-0.026	-0.097	0.060	0.096	288.114724	16.850123	691.87	-1571.16
6	GUIDE	209585808	9.58	718	0.065	0.002	0.112	0.180	288.224102	16.655071	1459.94	-1790.62
7	GUIDE	209597336	9.67	717	0.096	-0.029	0.088	0.144	288.296770	16.634934	1687.39	-1661.04

2.4 Star Slots

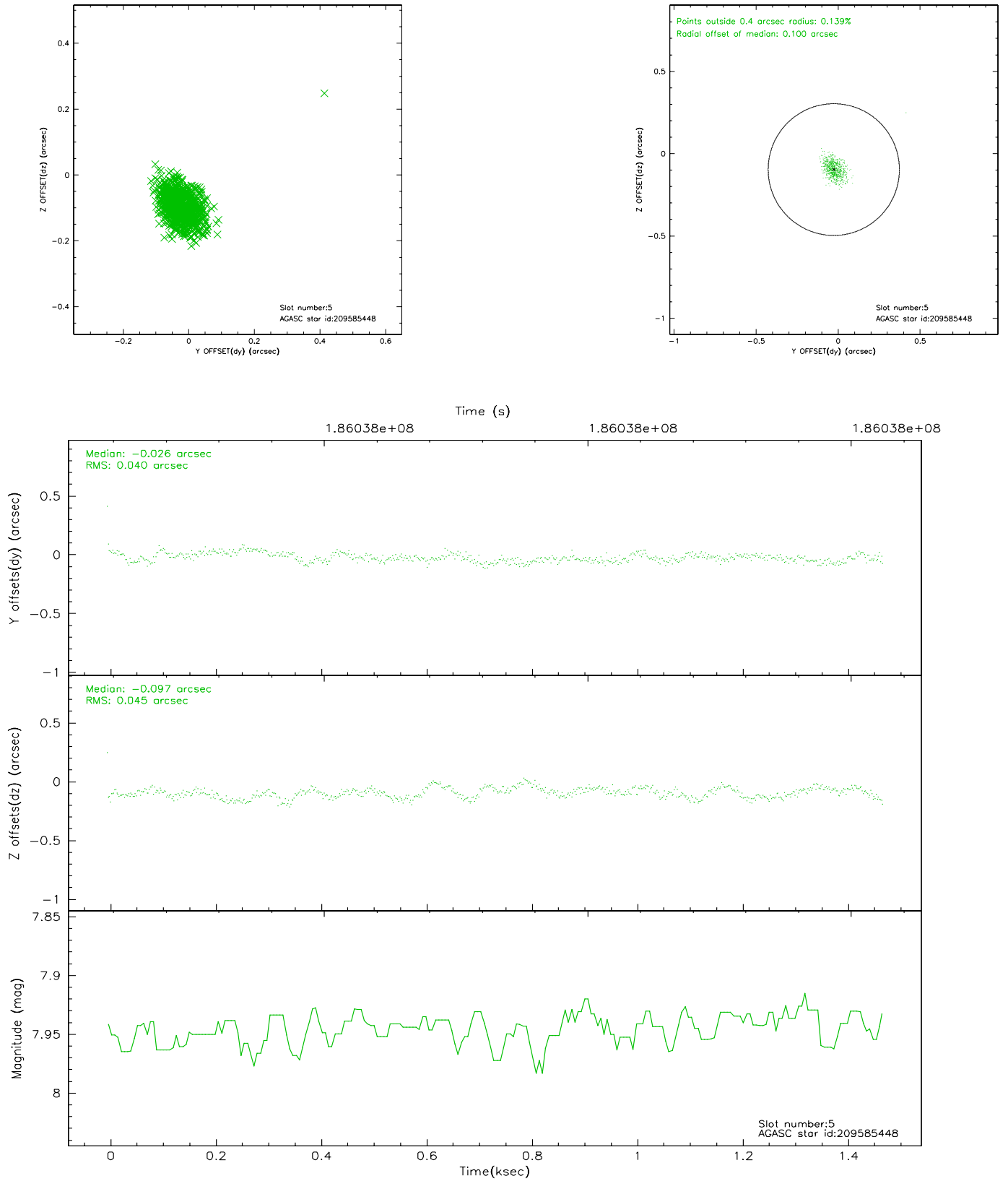
2.4.1 Slot 3



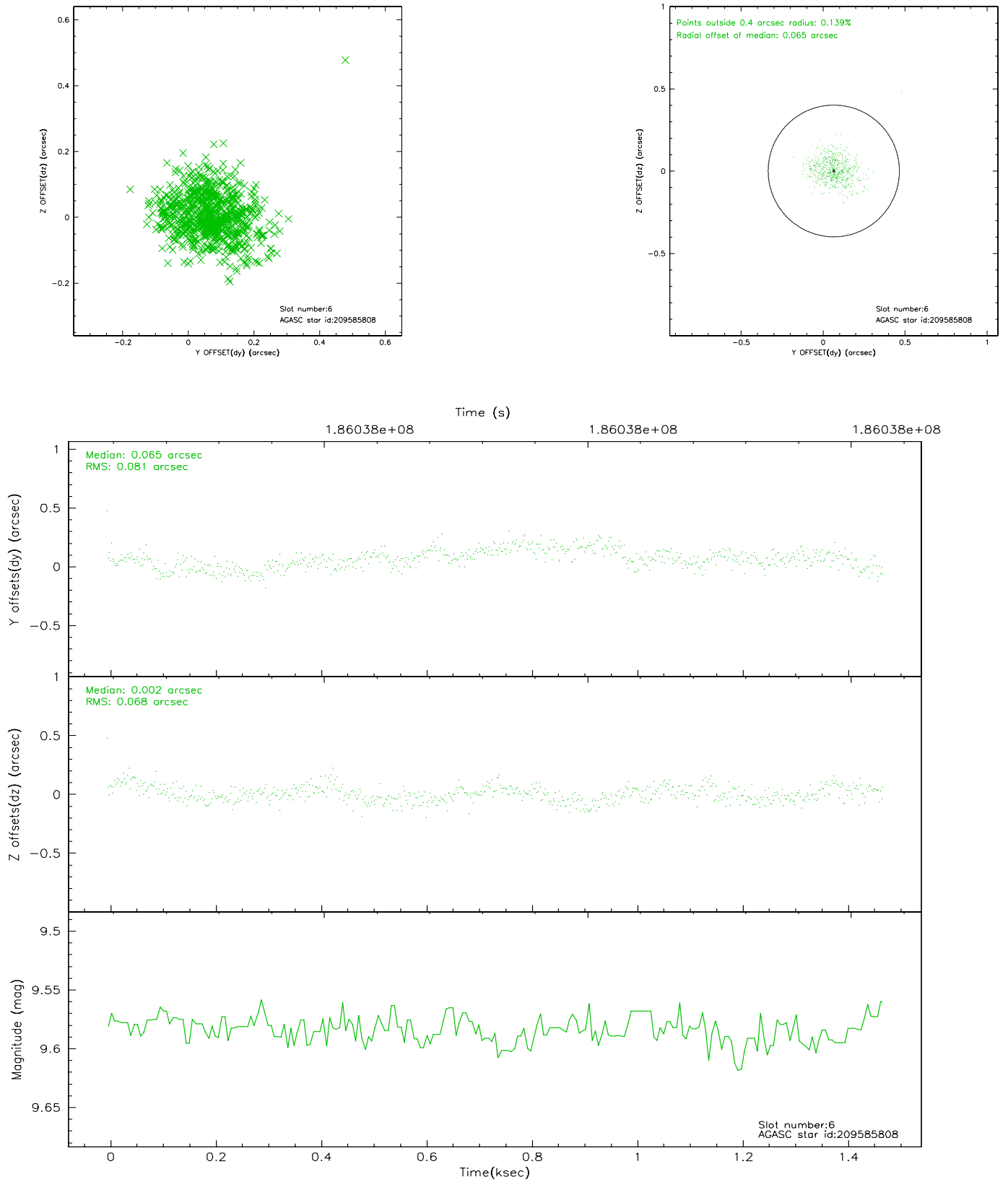
2.4.2 Slot 4



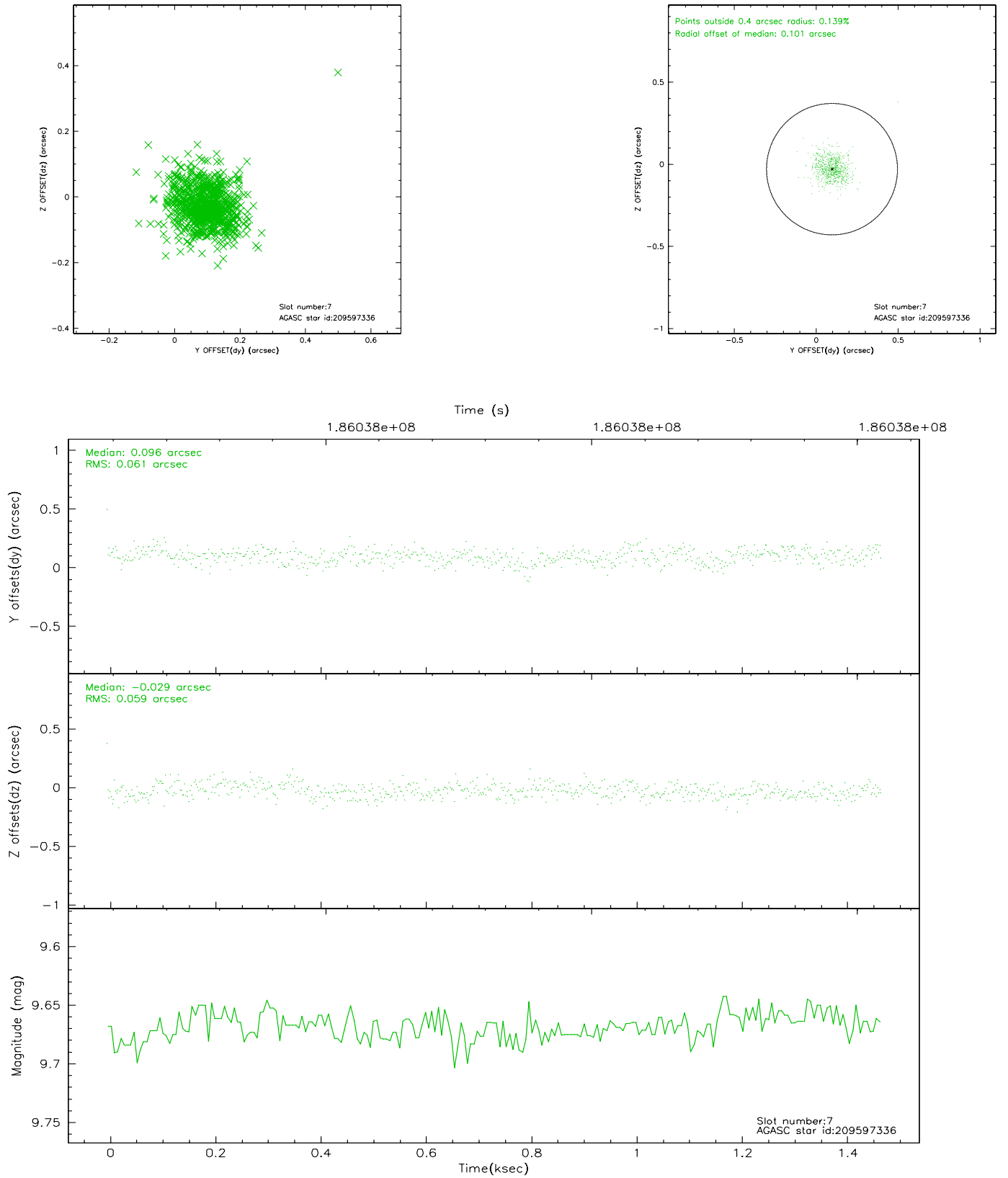
2.4.3 Slot 5



2.4.4 Slot 6

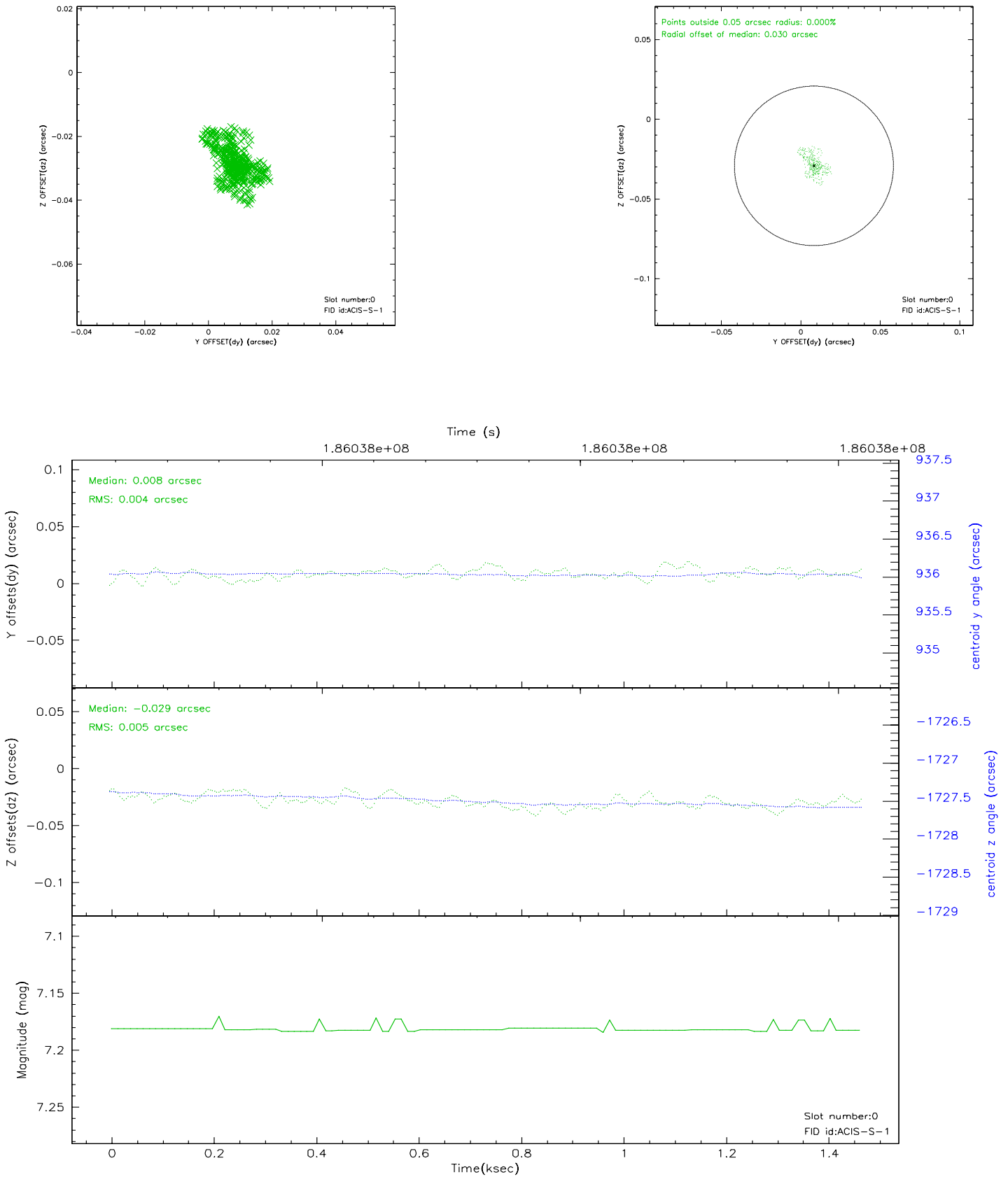


2.4.5 Slot 7

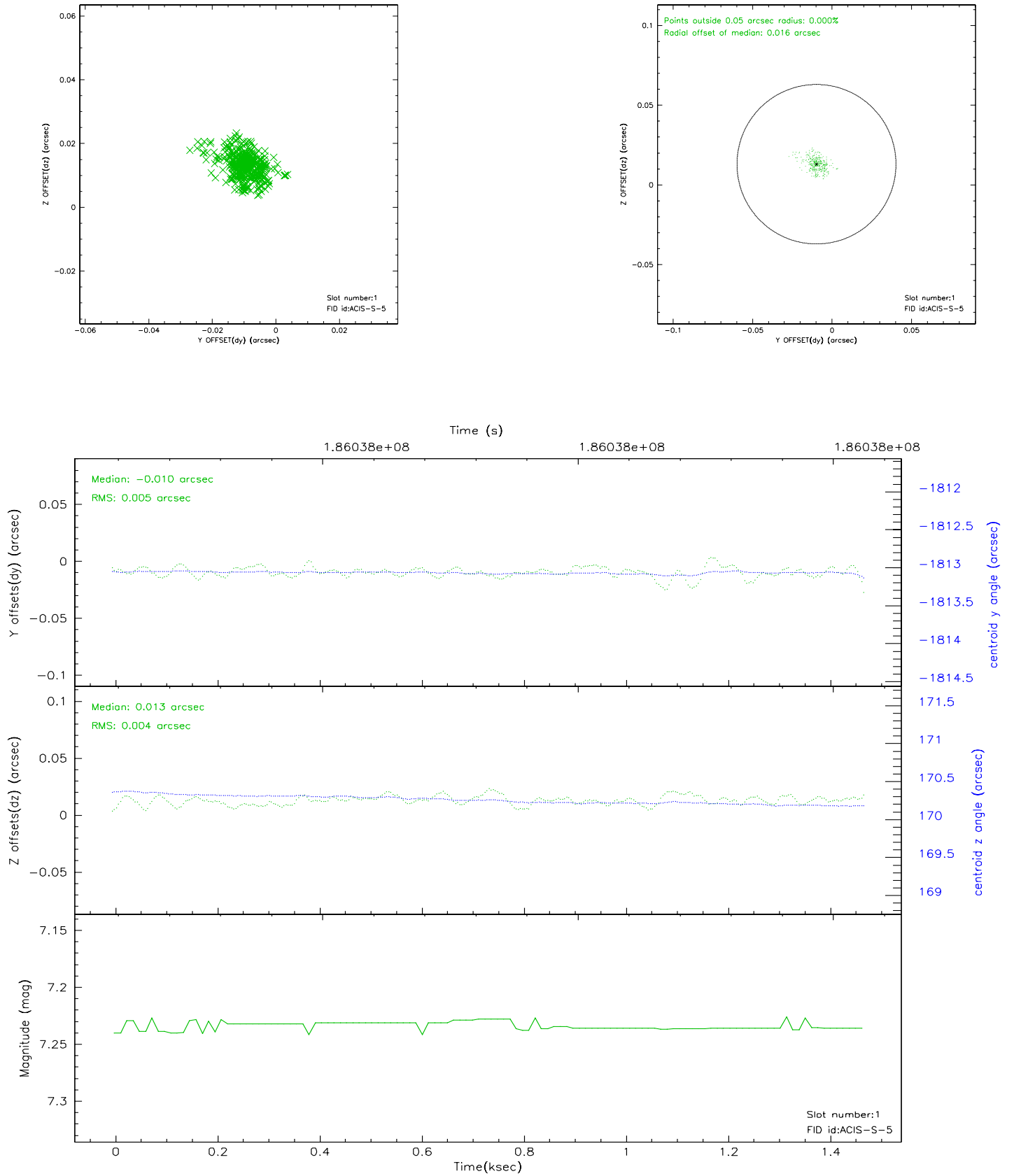


2.5 FID Slots

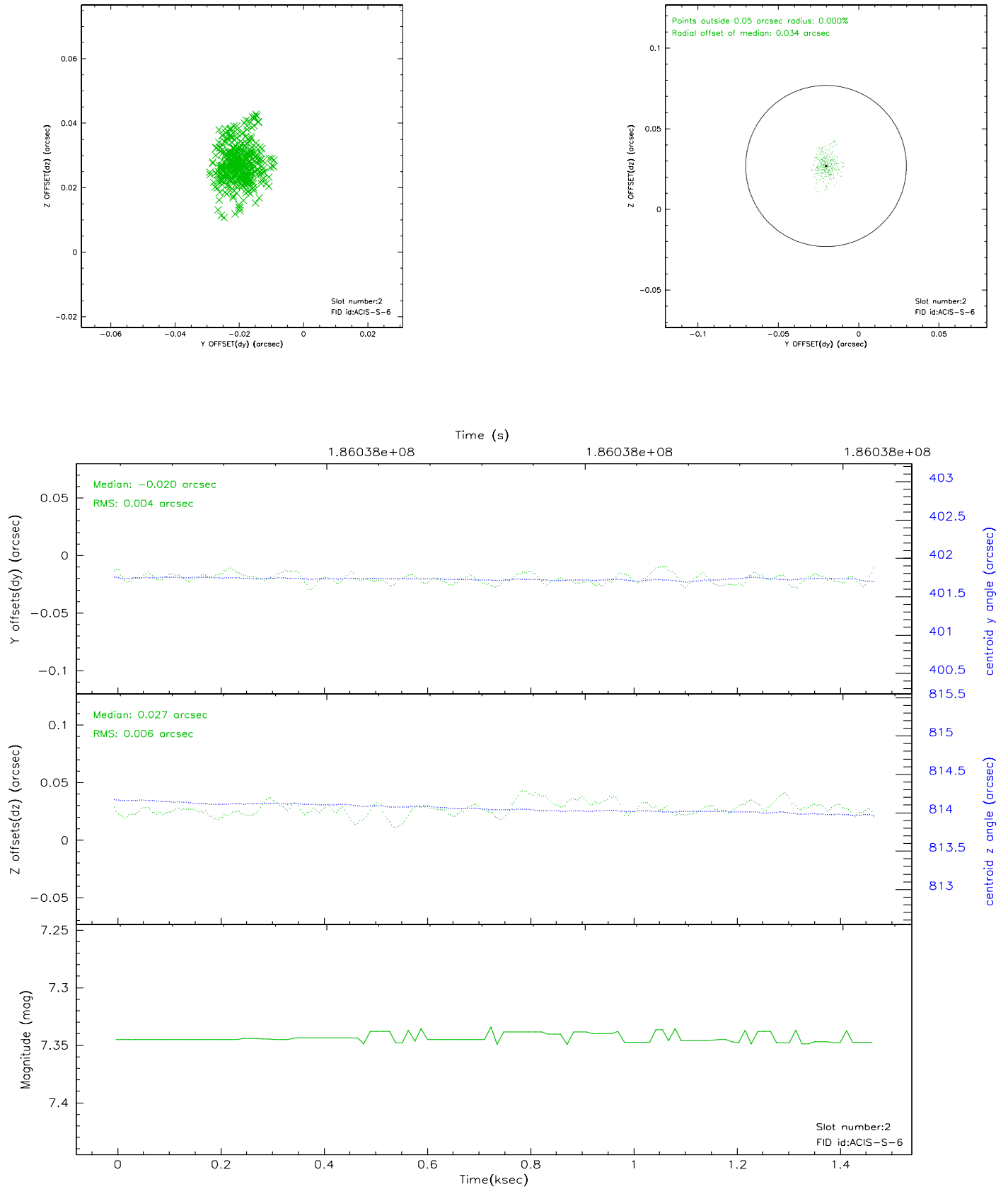
2.5.1 Slot 0



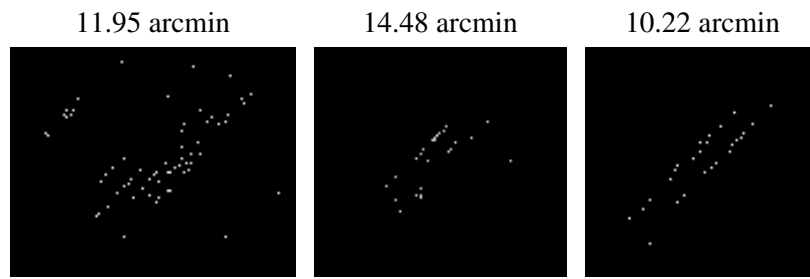
2.5.2 Slot 1



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