

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 5279 - L2 Version 001
Chandra X-Ray Center

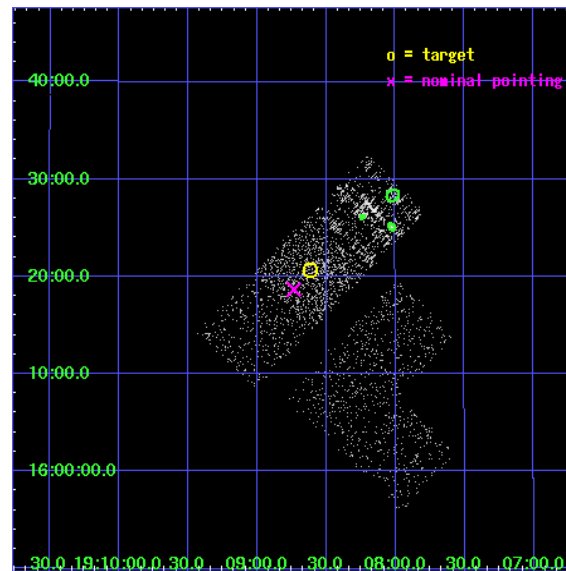
L2 Processing Date : Jun 26 2006

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1 Front

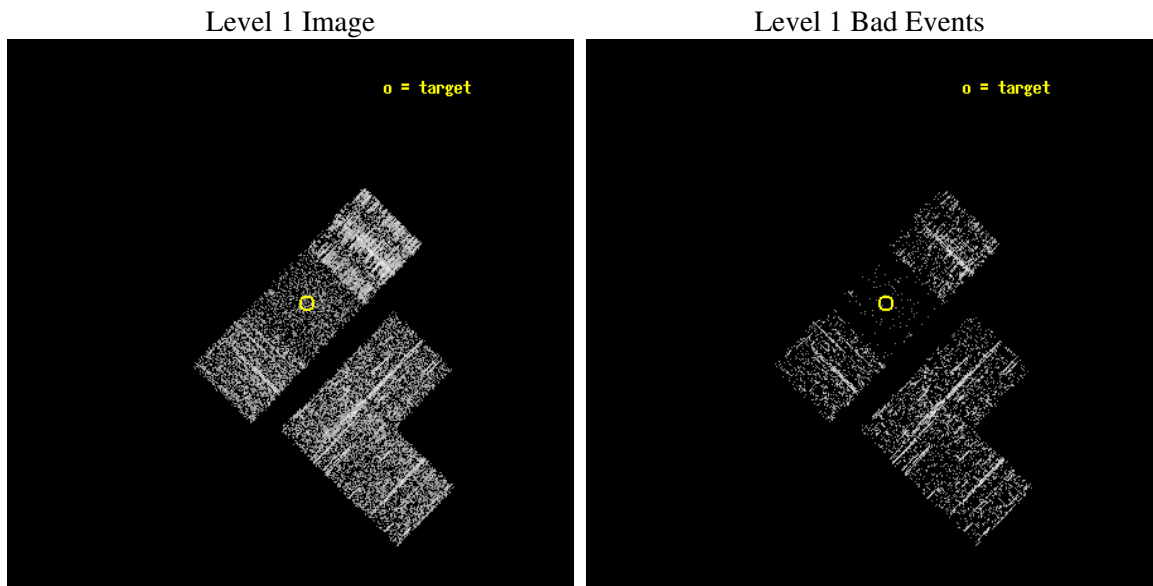
seq_num	100051
obs_id	5279
title	High Resolution Imaging of the Source of Comet Encke's X-Rays Over One Nuclear Rotation
observer	Dr. Carey Lisse
object	2P/Encke (2003)
dtcycle	0
cycle	P
ra_targ	287.15375
dec_targ	16.34353
ra_nom	287.18346766265
dec_nom	16.311513618043
roll_nom	314.14827303482
revision	2
ontime	1468.7999945283
livetime	1450.2011645924
ontime0	1468.7999945283
ontime2	1465.5590342879
ontime3	1468.7999945283
ontime6	1465.5589943528
ontime7	1468.7999945283
ontime8	1468.7999945283
l2events	3697



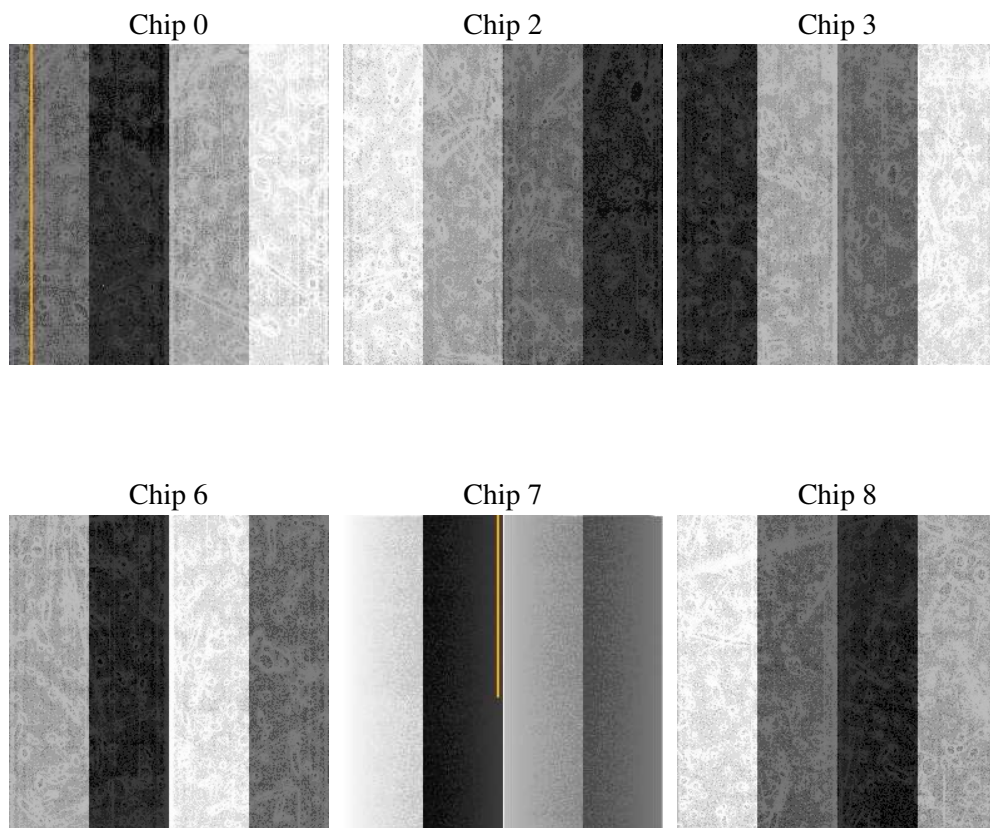
2 OBI

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	2006-06-26T20:34:45
revision	2

sched_exp_time	1290.000000
ontime	1801.9966479838
ontime0	1801.9966479838
ontime2	1798.7556877434
ontime3	1801.9966479838
ontime6	1798.7556677461
ontime7	1801.9966479838
ontime8	1801.9966679215
l1events	38436

2.1.4 Events

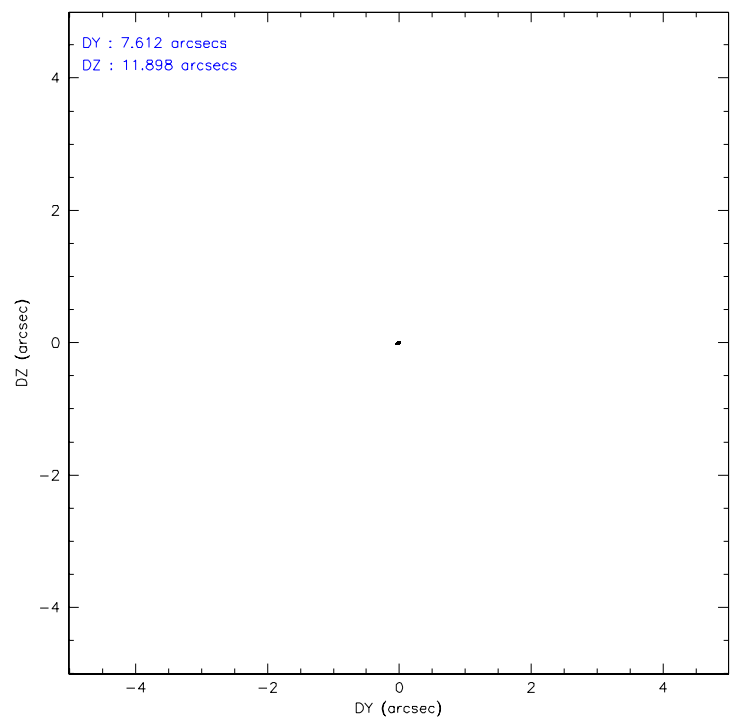
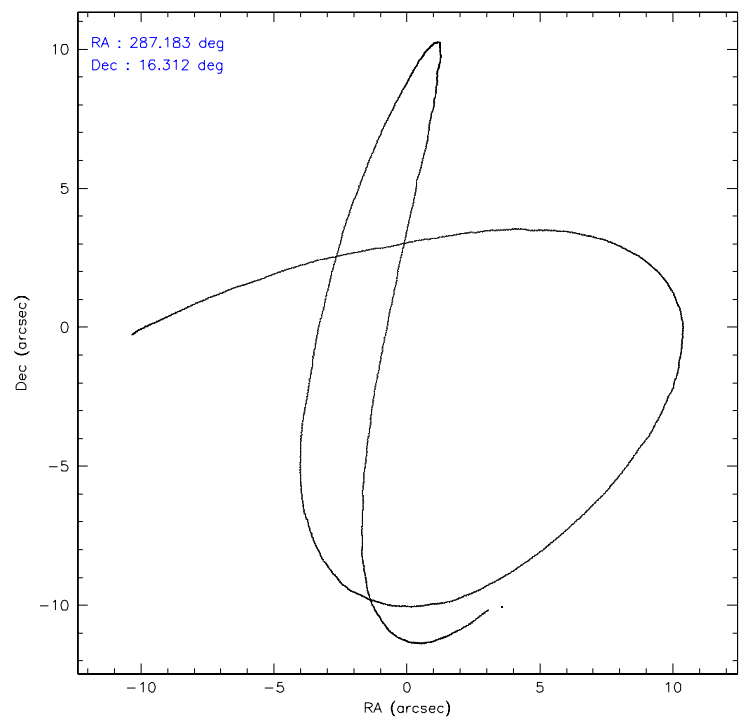
	ccd 0	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
level 1 events	6187	6988	6239	5636	2190	11196
rejected events	5788	6490	5851	5140	1019	6397
rejected %	93%	92%	93%	91%	46%	57%

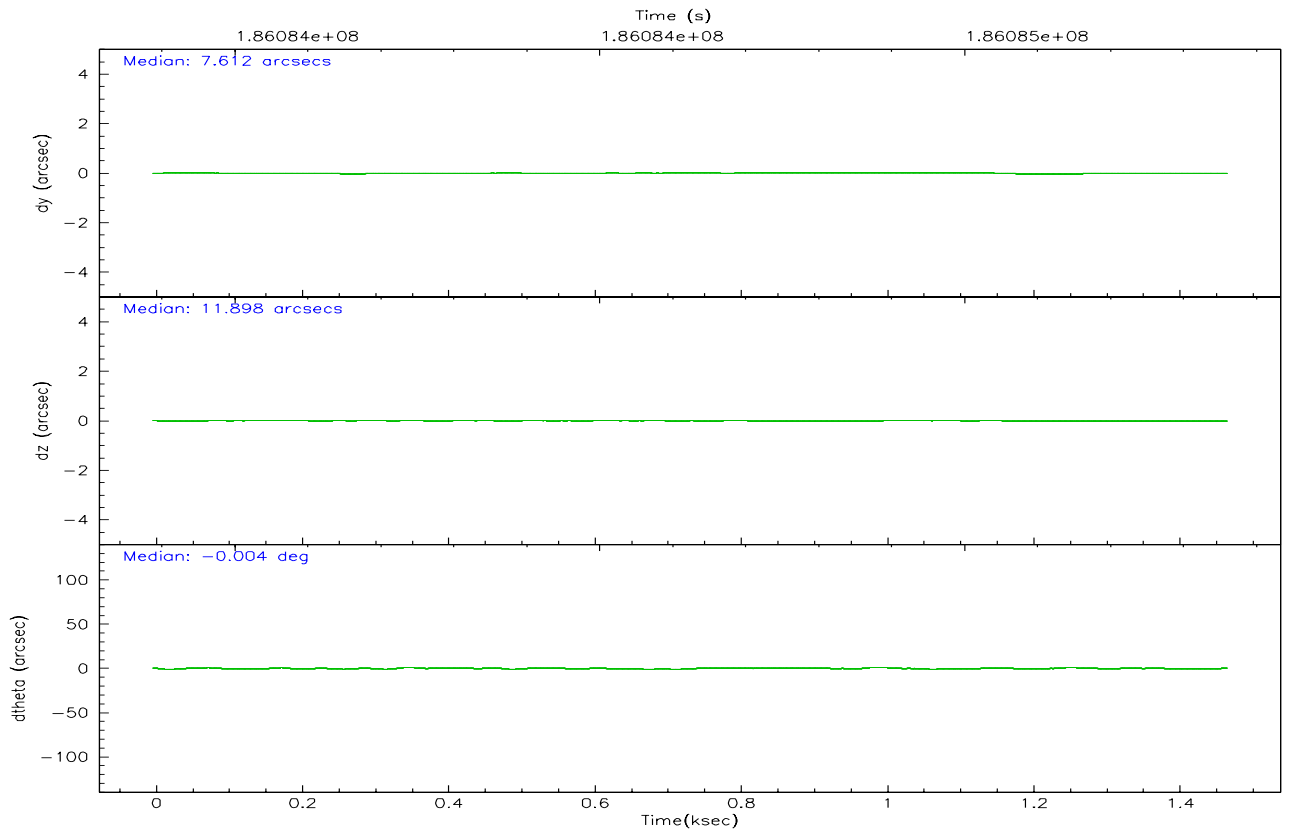
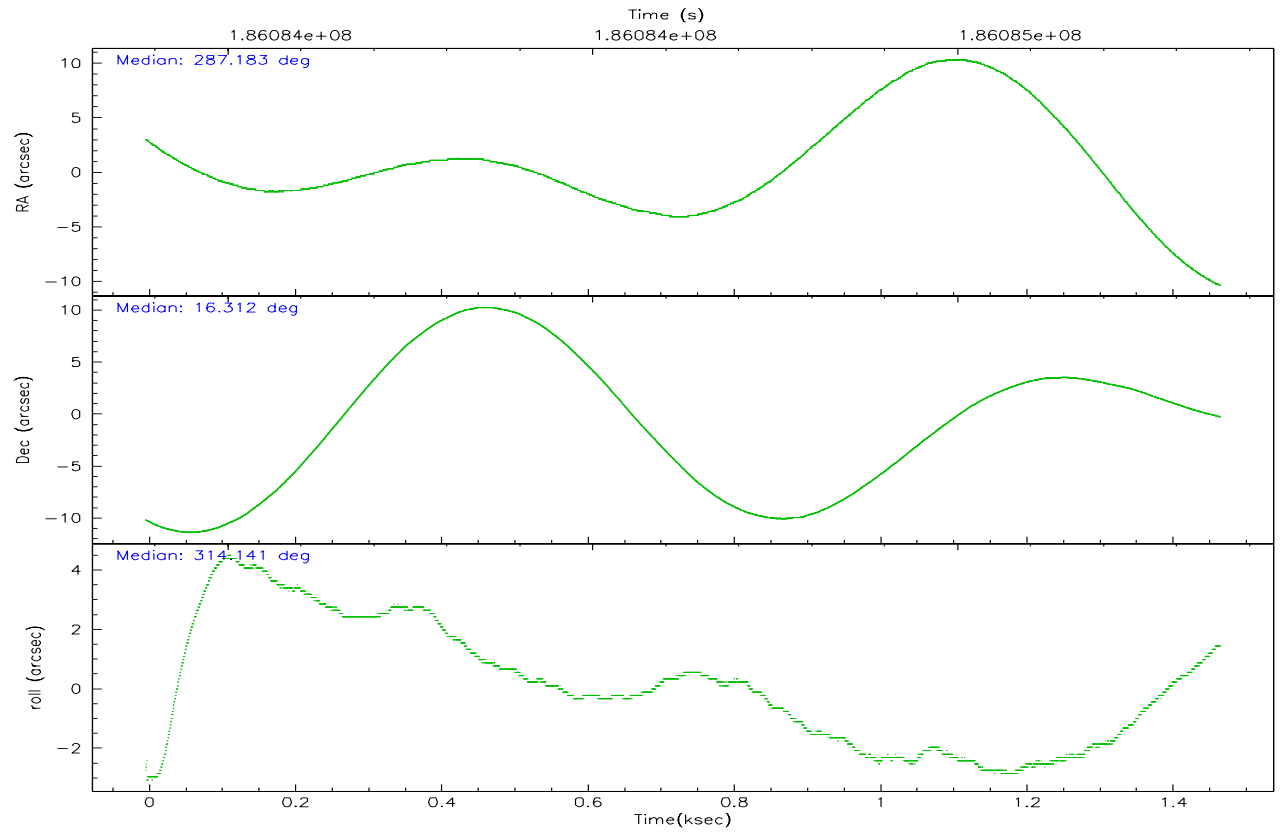
	ccd 0	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
grade 0 events	227	290	223	305	297	1660
	3%	4%	3%	5%	13%	14%
grade 1 events	6	5	2	5	4	22
	0%	0%	0%	0%	0%	0%
grade 2 events	131	170	96	155	460	861
	2%	2%	1%	2%	21%	7%
grade 3 events	61	44	56	48	147	921
	0%	0%	0%	0%	6%	8%
grade 4 events	32	48	47	44	141	884
	0%	0%	0%	0%	6%	7%
grade 5 events	59	52	42	47	124	149
	0%	0%	0%	0%	5%	1%
grade 6 events	51	57	50	57	435	1241
	0%	0%	0%	1%	19%	11%
grade 7 events	5620	6322	5723	4975	582	5458
	90%	90%	91%	88%	26%	48%

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	287.156127	287.1834676626549	Alternating exposures requested	N	N
Pointing Dec	16.318620	16.31151361804335	Primary exposure time	0.000000	3.2
Pointing Roll	313.999329	314.1482730348159			
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	186084064.184000	186083687.35821			
Observation start date	2003-11-24T18:00:00	2003-11-24T17:54:47			
Observation end time	186085354.184000	186085487.77079			
Observation end date	2003-11-24T18:21:30	2003-11-24T18:24:47			
Read mode	TIMED	TIMED			

2.3 Aspect



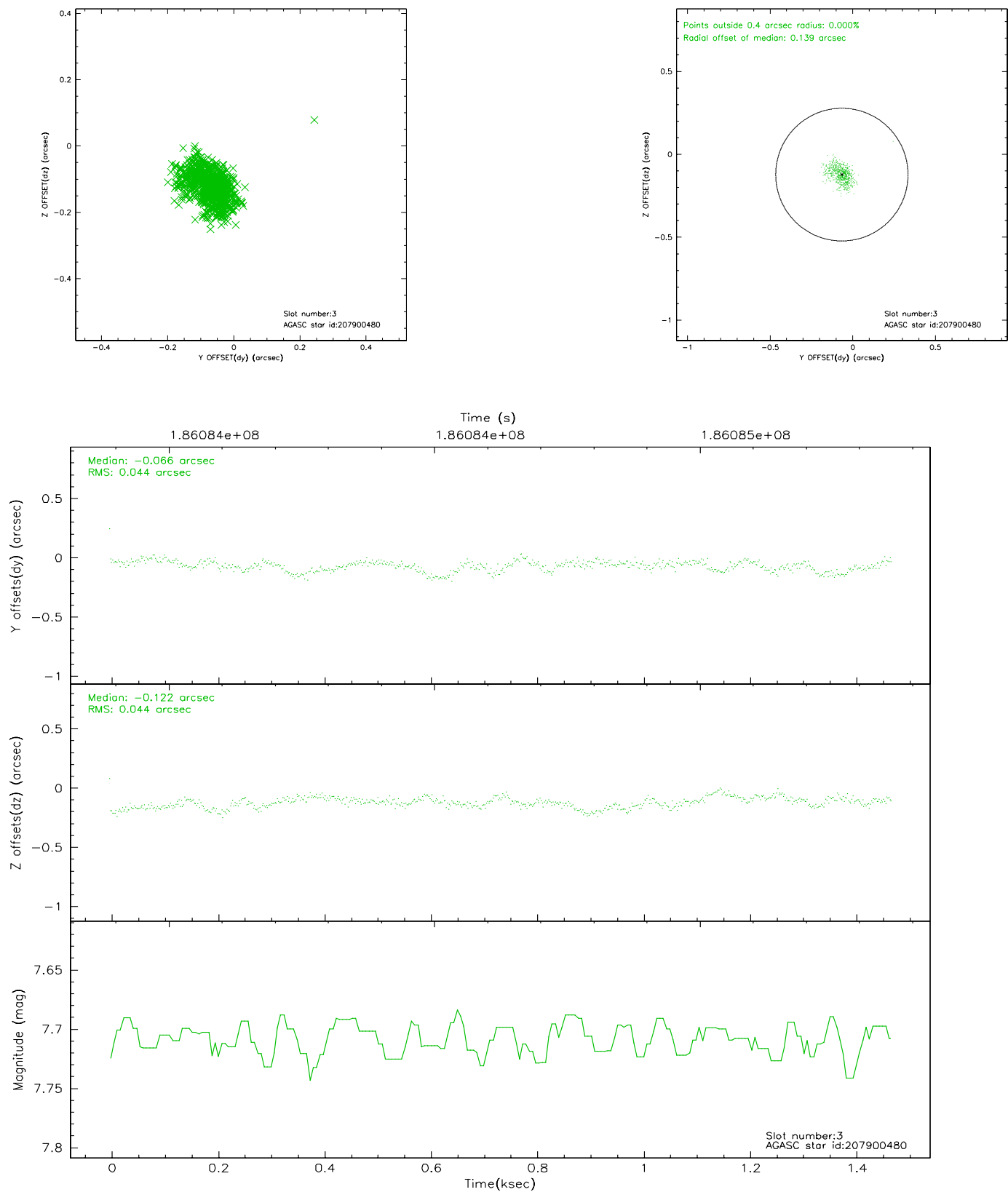


Slot Statistics

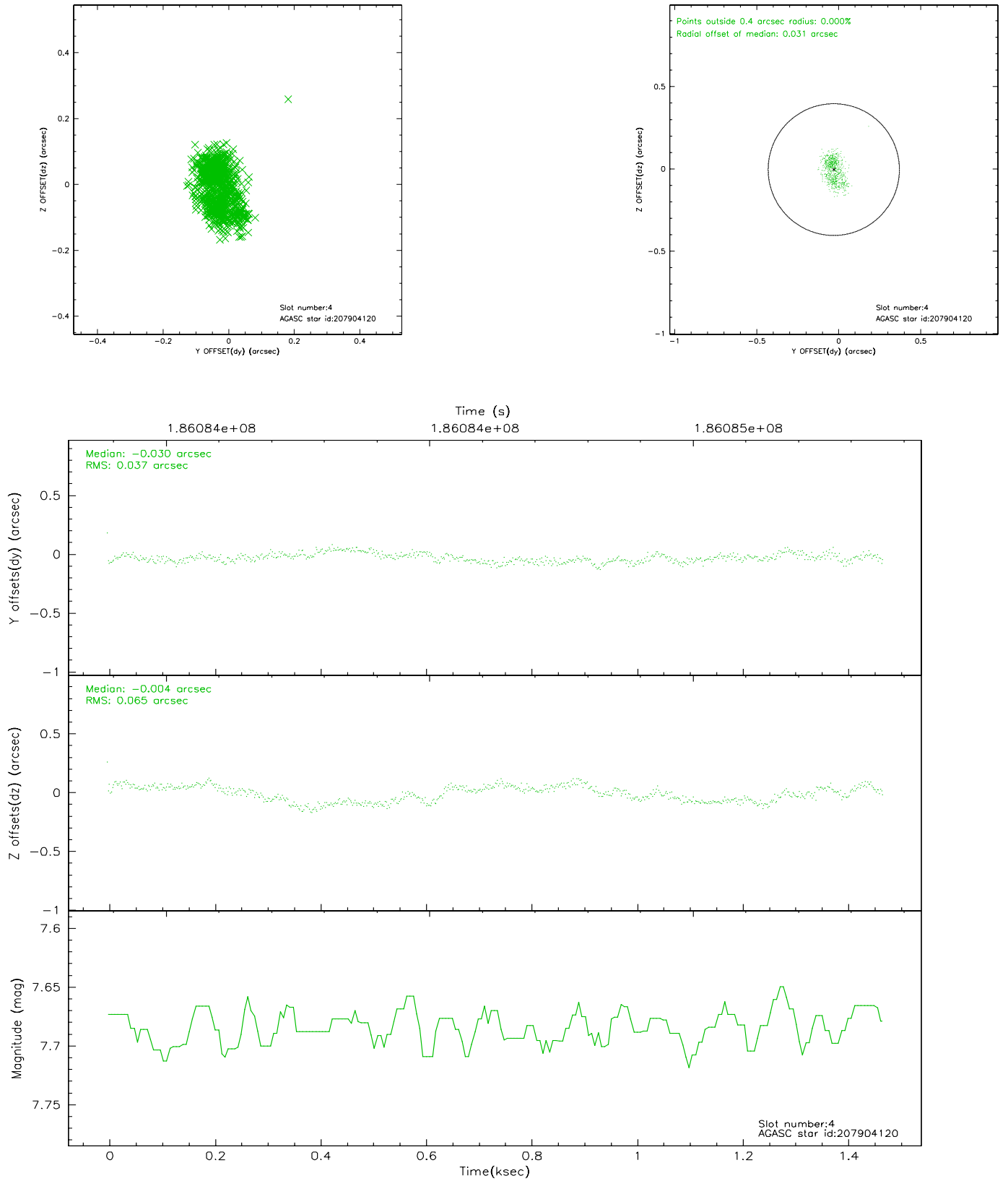
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	359	0.003	0.017	0.006	0.012	0.000000	0.000000	-760.37	-1733.17
1	FID	ACIS-S-4	7.19	359	-0.007	-0.006	0.004	0.008	0.000000	0.000000	2150.85	170.62
2	FID	ACIS-S-5	7.23	359	-0.028	-0.002	0.006	0.010	0.000000	0.000000	-1807.46	169.42
3	GUIDE	207900480	7.71	718	-0.066	-0.122	0.065	0.106	286.932282	16.070409	104.95	-1177.04
4	GUIDE	207904120	7.69	718	-0.030	-0.004	0.079	0.125	286.904195	16.289988	-530.45	-698.73
5	GUIDE	207916440	6.83	718	-0.109	0.077	0.057	0.101	287.167522	16.851310	-1352.73	1359.38
6	GUIDE	208416976	8.37	718	-0.030	0.032	0.083	0.153	287.326965	17.073967	-1549.78	2313.96
7	GUIDE	207907984	9.35	717	0.233	0.032	0.086	0.138	287.467981	15.973007	1642.57	-83.40

2.4 Star Slots

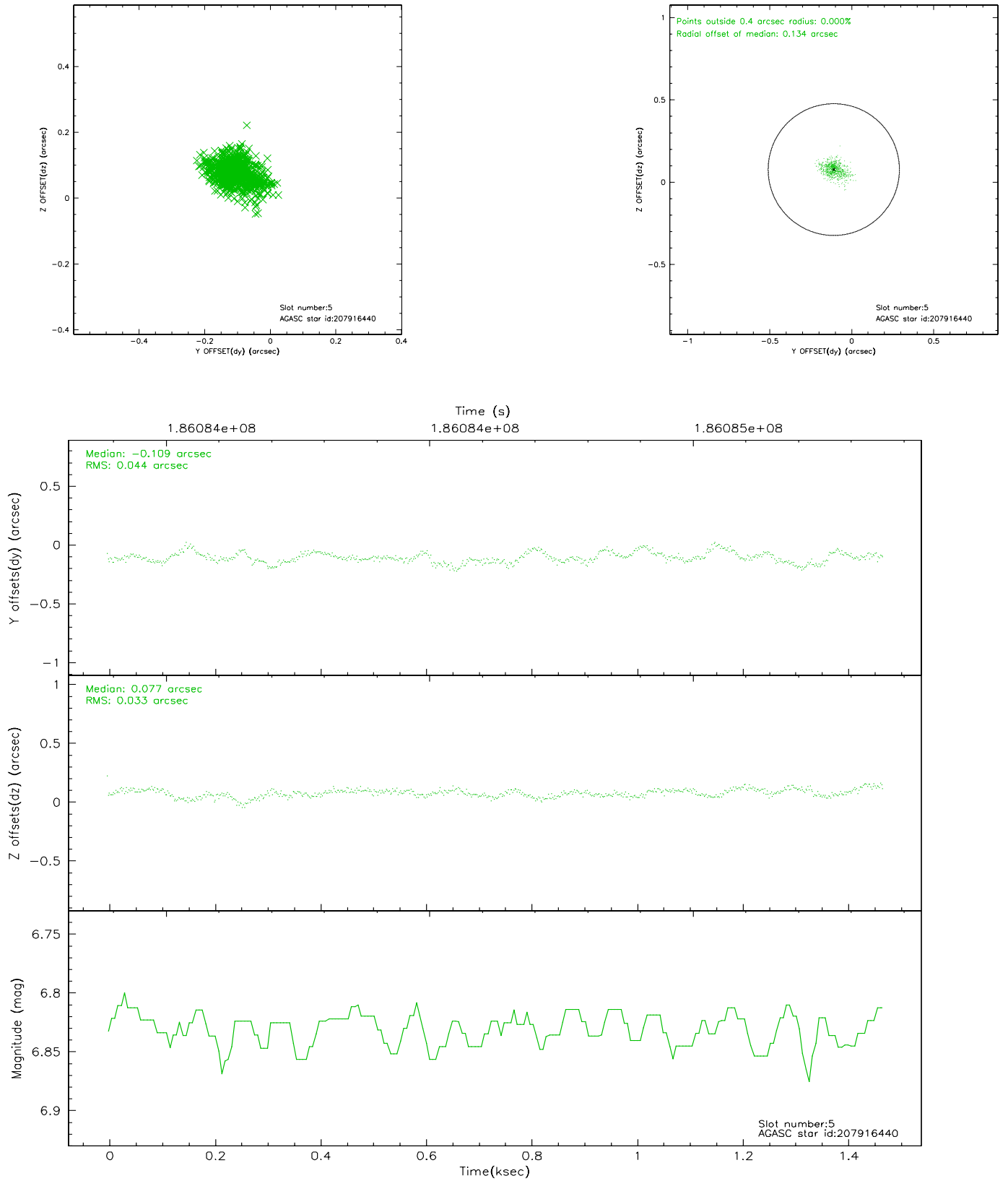
2.4.1 Slot 3



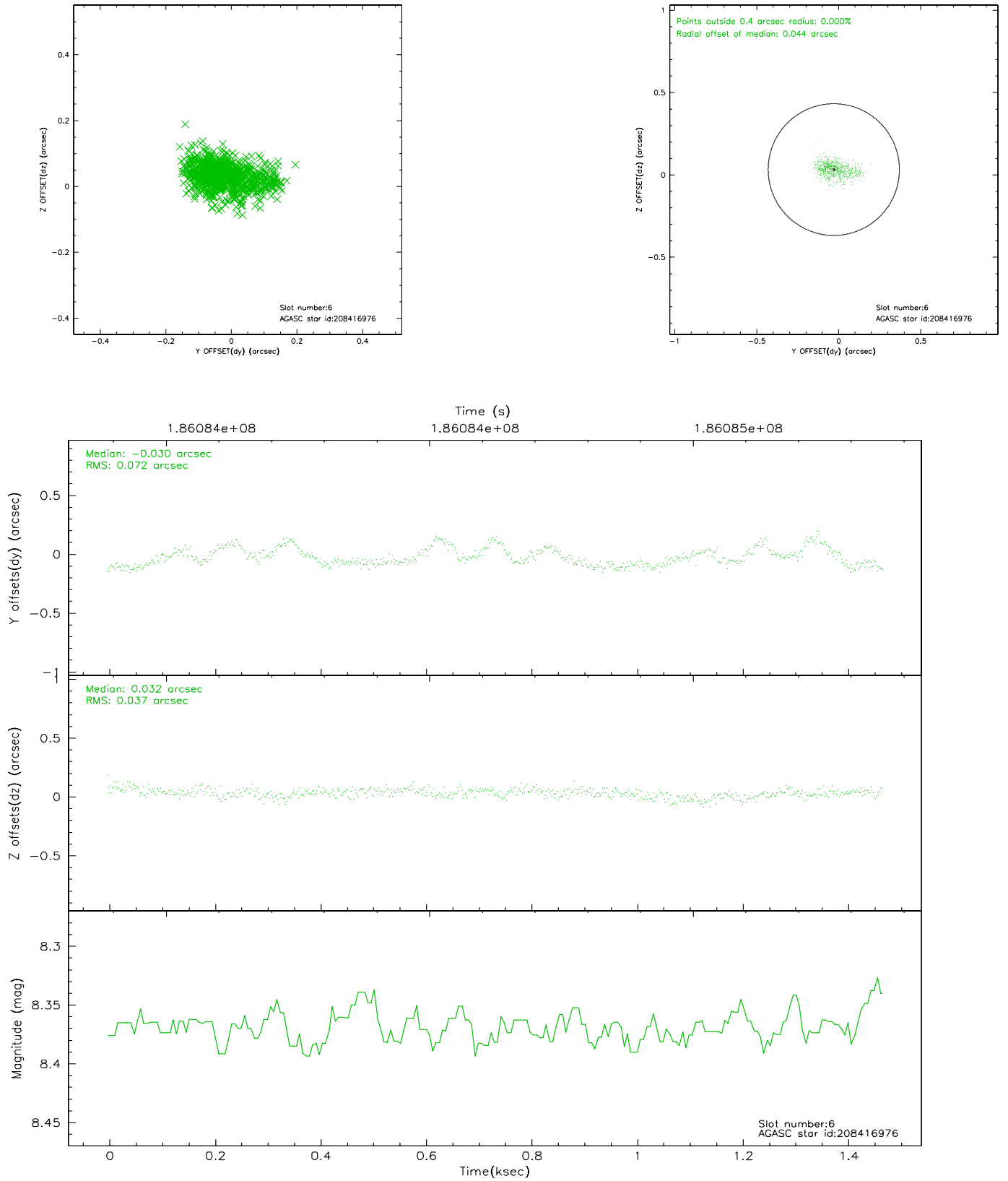
2.4.2 Slot 4



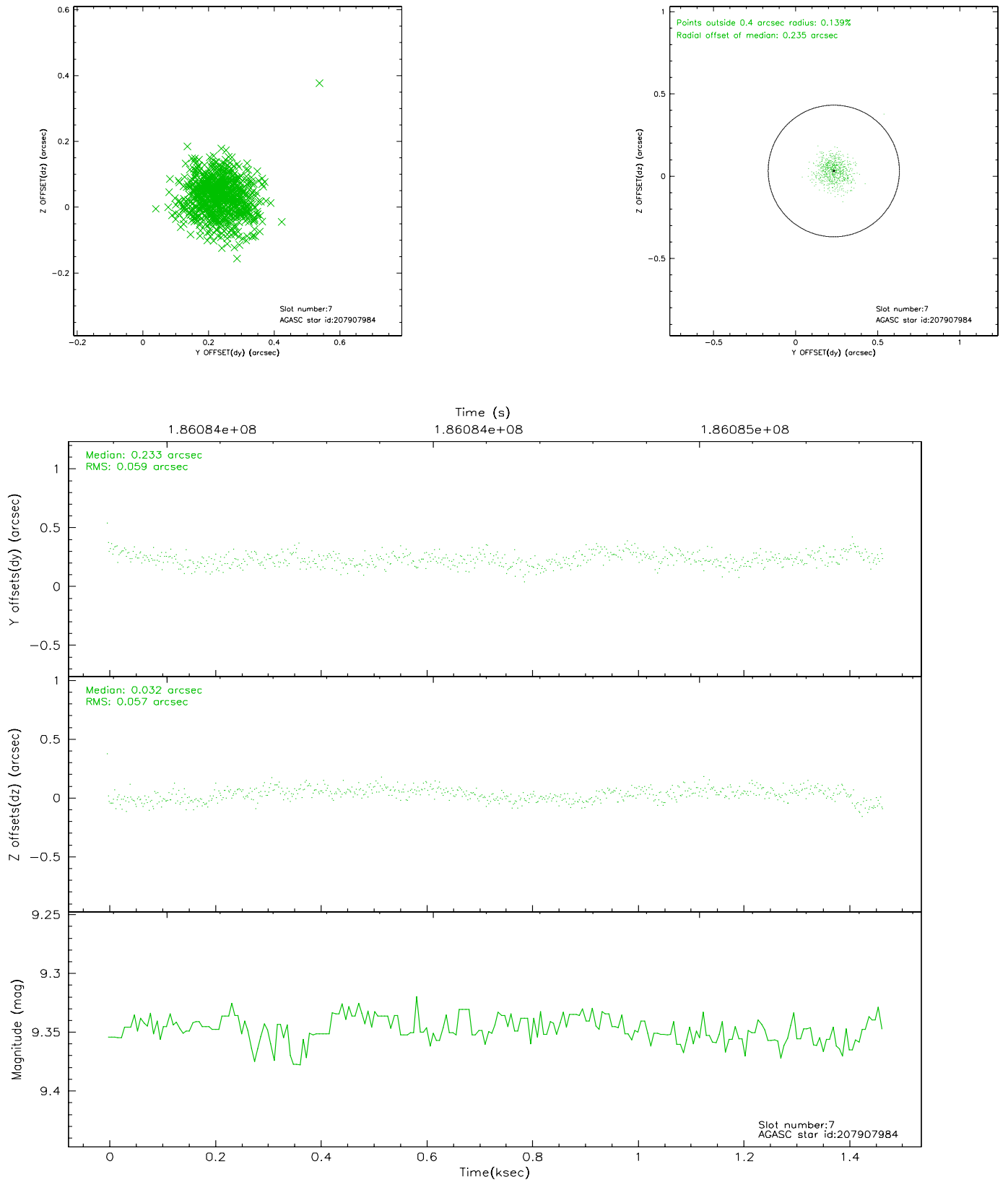
2.4.3 Slot 5



2.4.4 Slot 6

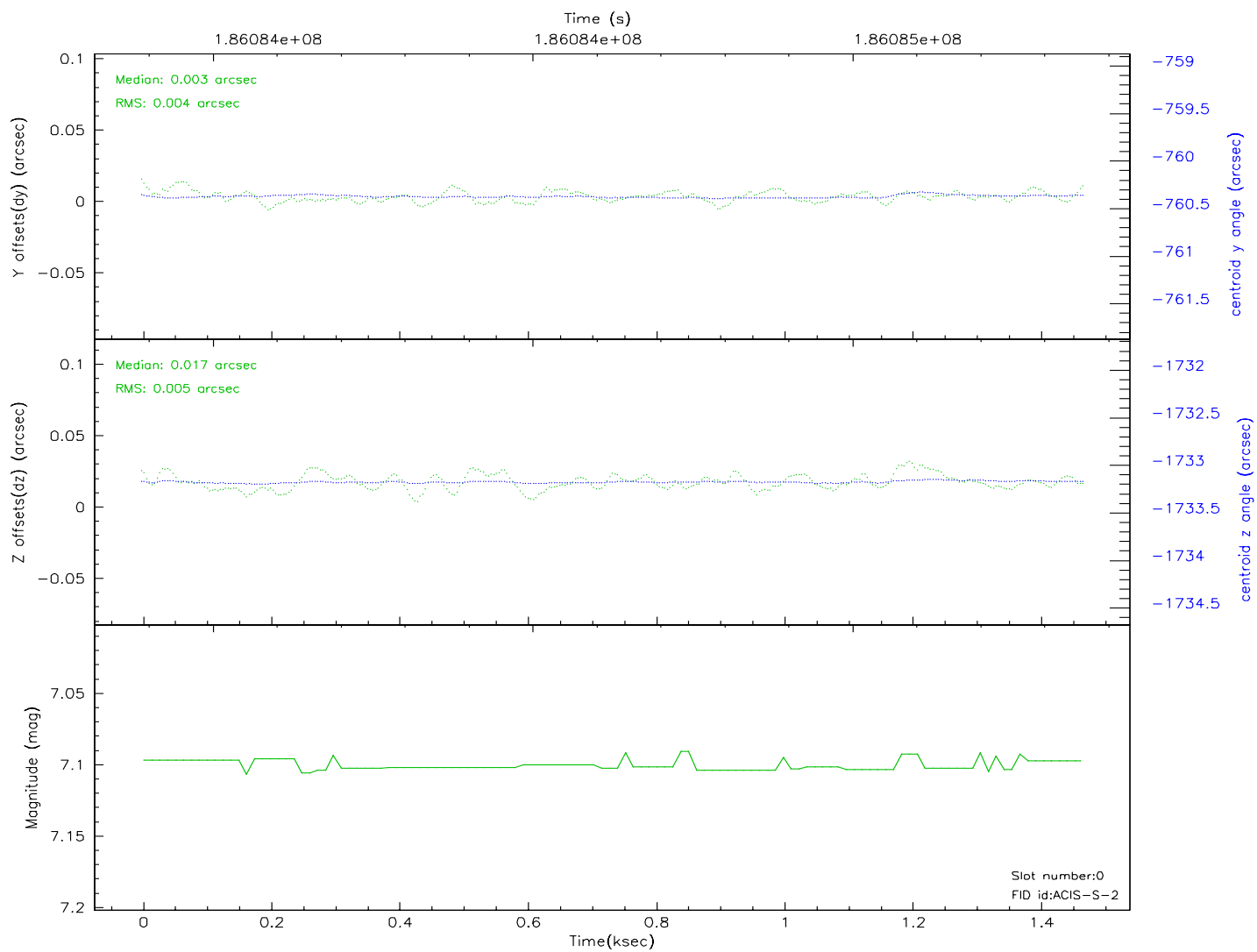
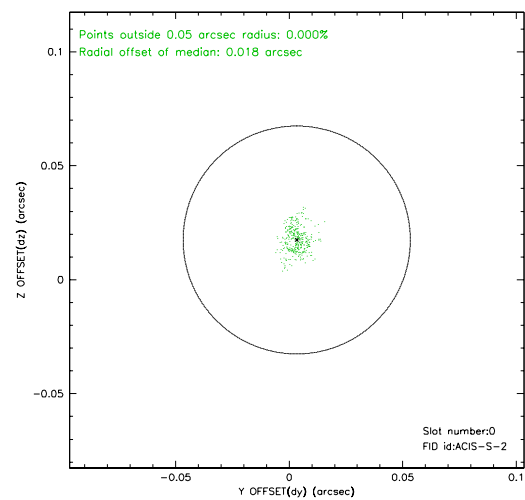
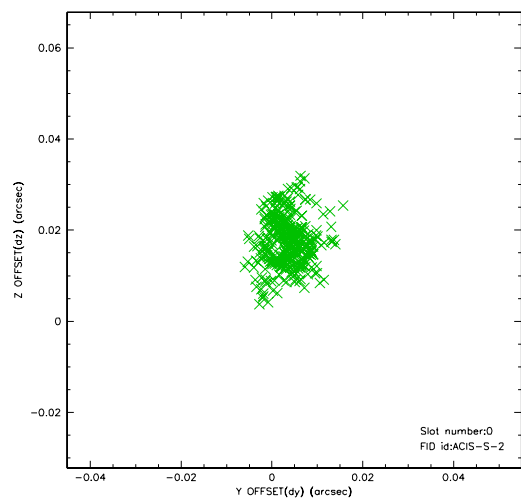


2.4.5 Slot 7

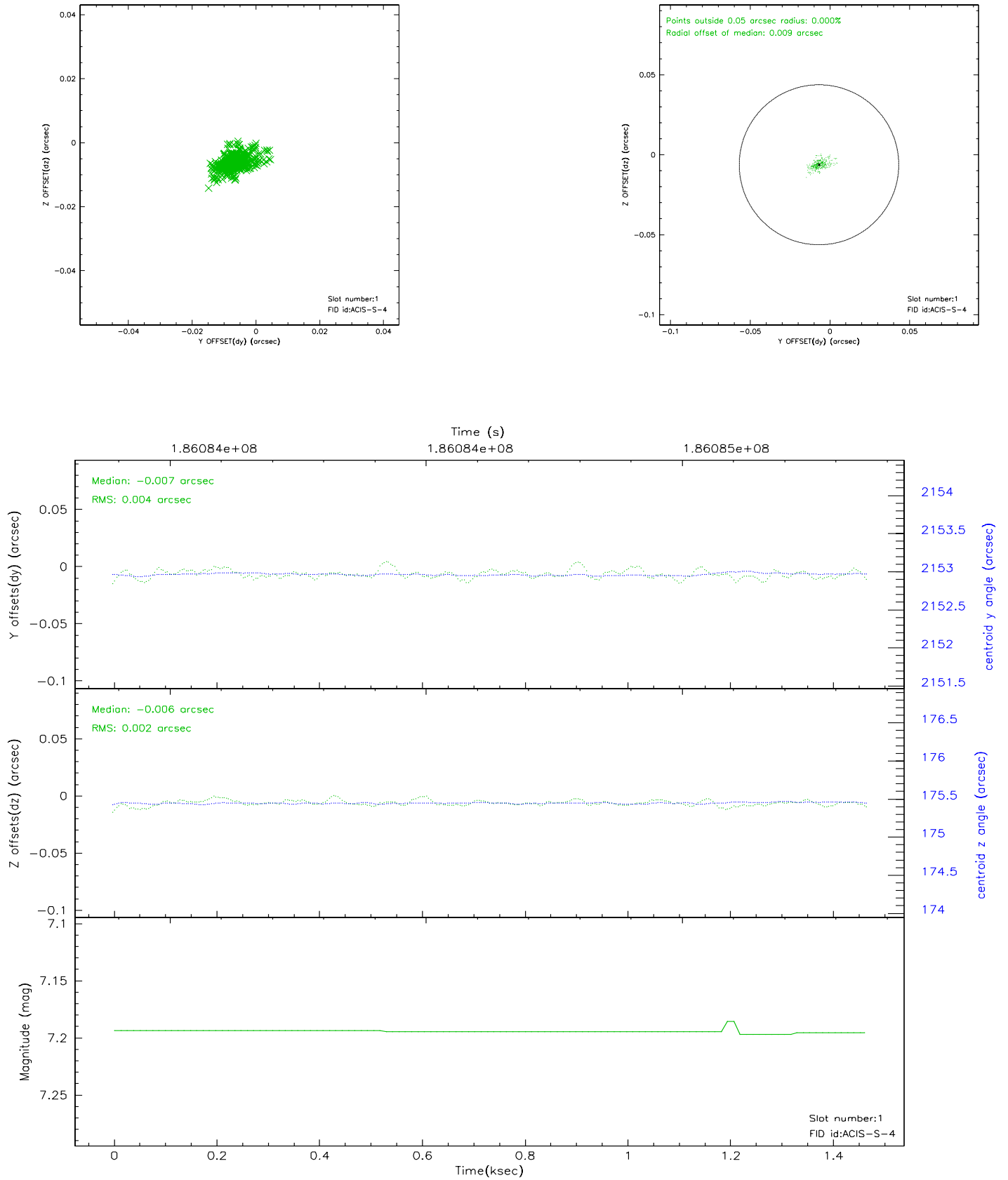


2.5 FID Slots

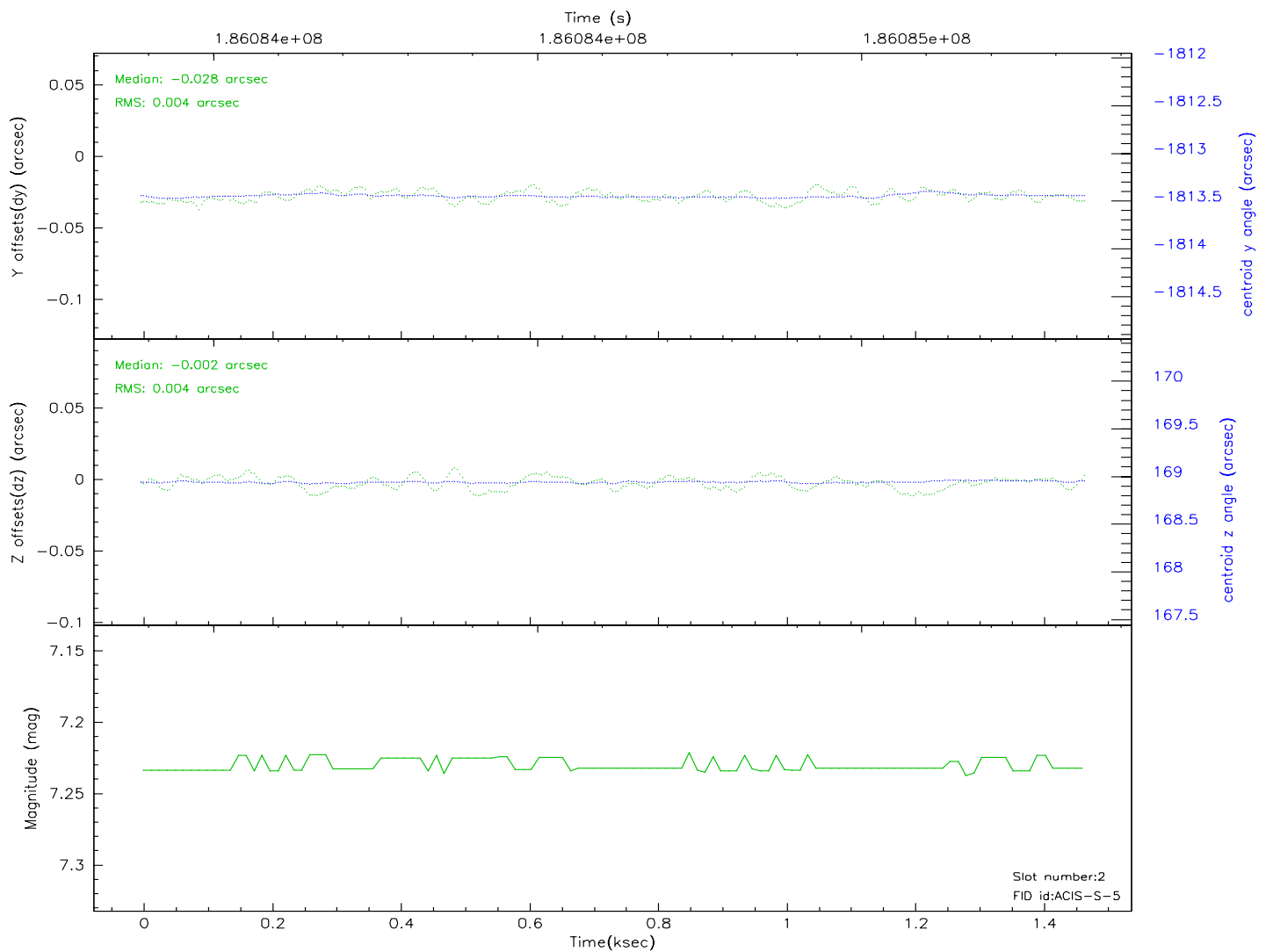
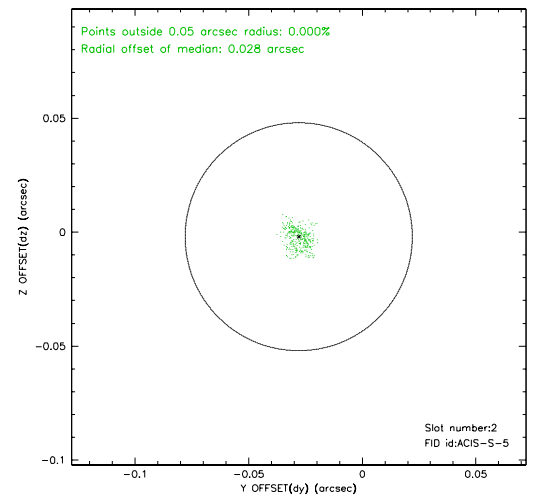
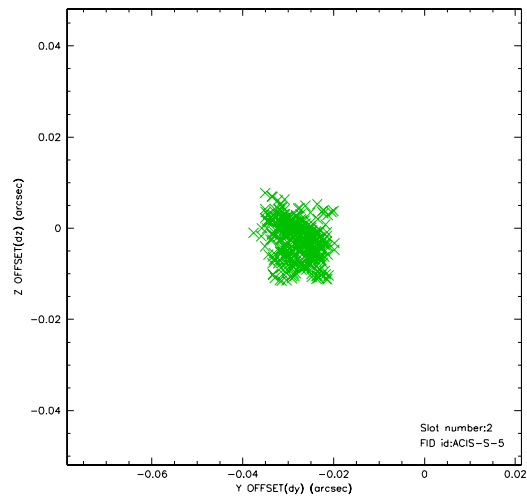
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

12.06 arcmin



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.06.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.468

A.2 Comments