

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 3809 - L2 Version 001
Chandra X-Ray Center

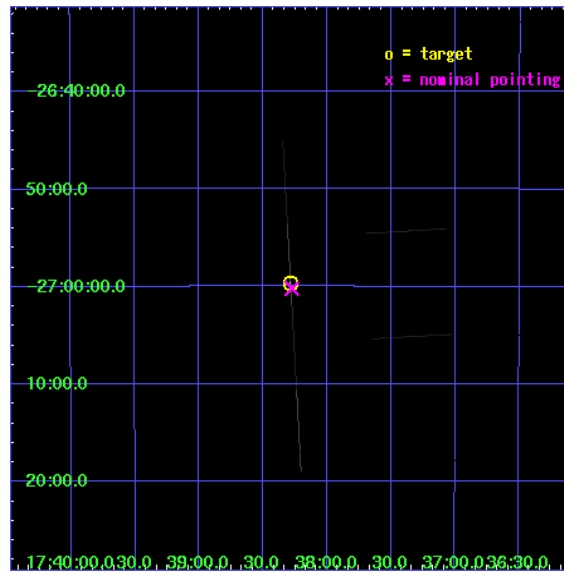
L2 Processing Date : Jul 1 2006

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1 Front

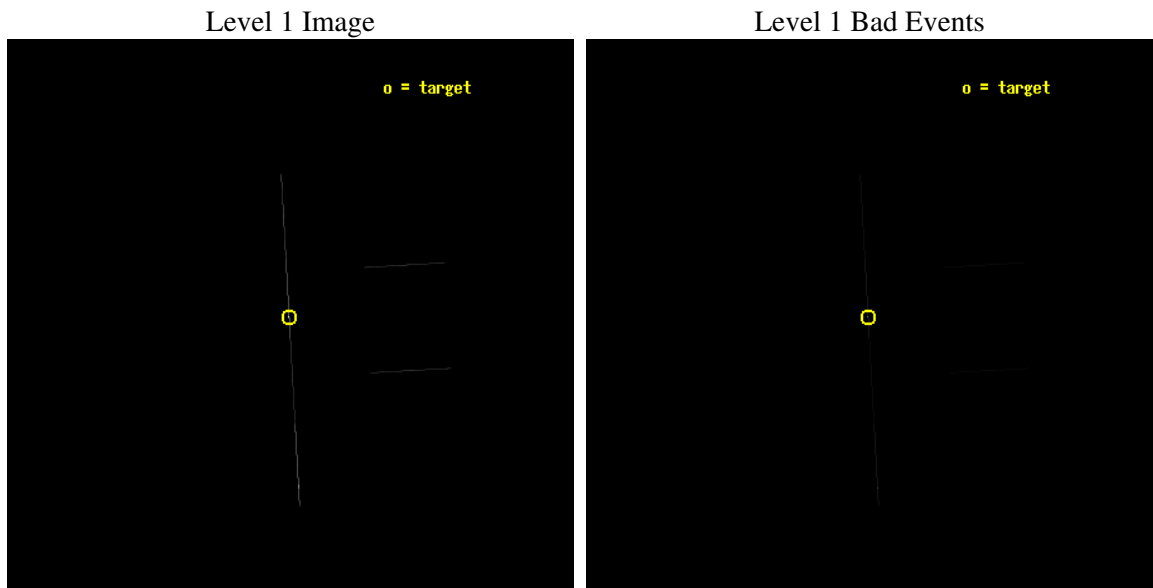
seq_num	400296
obs_id	3809
title	THE FAINTEST 'FIELD' LOW-MASS X-RAY BINARIES
observer	PROF MICHIEL VAN DER KLIS
object	1735-269
ra_targ	264.57125
dec_targ	-26.994056
ra_nom	264.5687526108
dec_nom	-27.003460281929
roll_nom	266.75351666512
revision	3
ontime	40663.247801453
livetime	40504.406989728
ontime2	40669.080706596
ontime3	40666.164872229
ontime5	40666.164397031
ontime6	40667.62533915
ontime7	40663.247801453
ontime8	40669.0820629
l2events	1017397



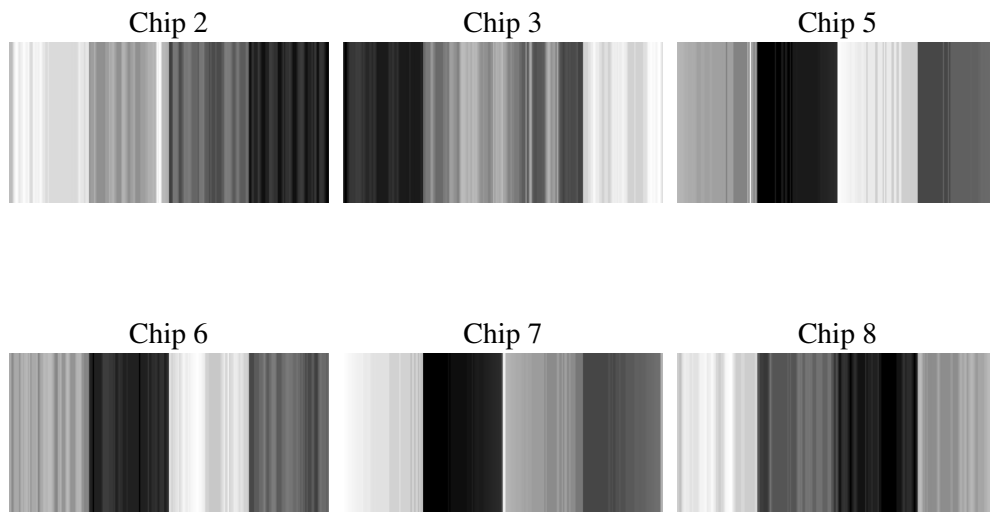
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.8
caldsver	3.2.2
date	2006-07-01T21:42:21
revision	3

sched_exp_time	40536.000000
ontime	41824.585438043
ontime2	41693.253982097
ontime3	41696.100904733
ontime5	41827.50353837
ontime6	41703.475313663
ontime7	41824.585438043
ontime8	41697.634533823
l1events	1304077

2.1.4 Events

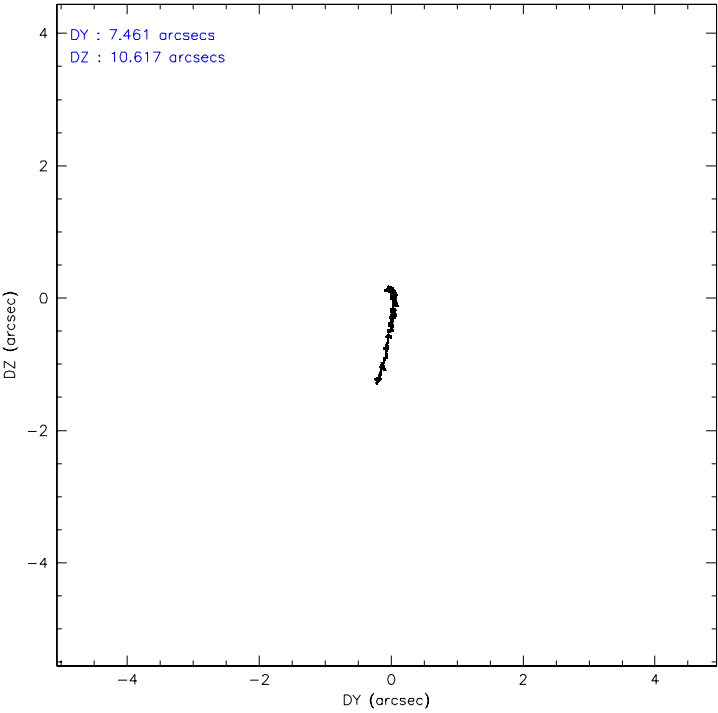
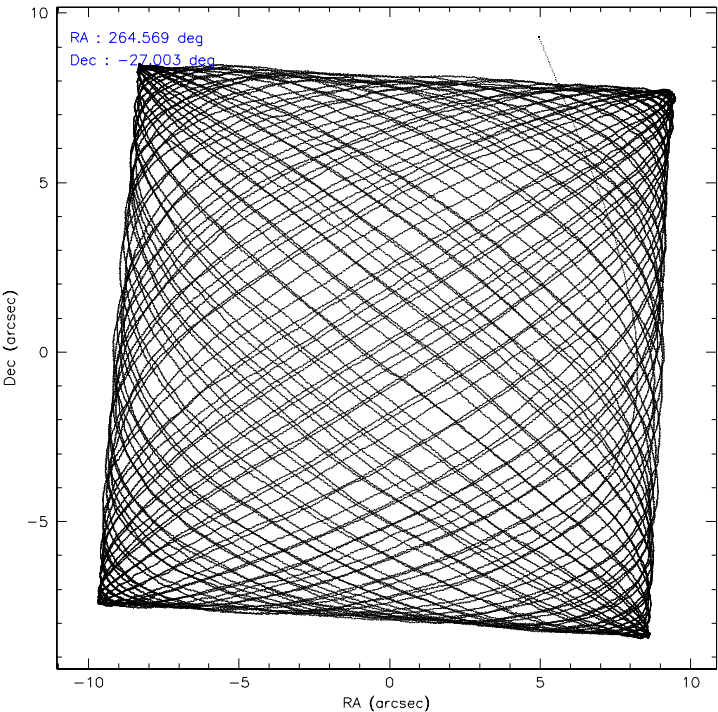
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	56551	61673	264822	68936	739051	113044
rejected events	10449	12219	28437	12484	44016	17211
rejected %	18%	19%	10%	18%	5%	15%

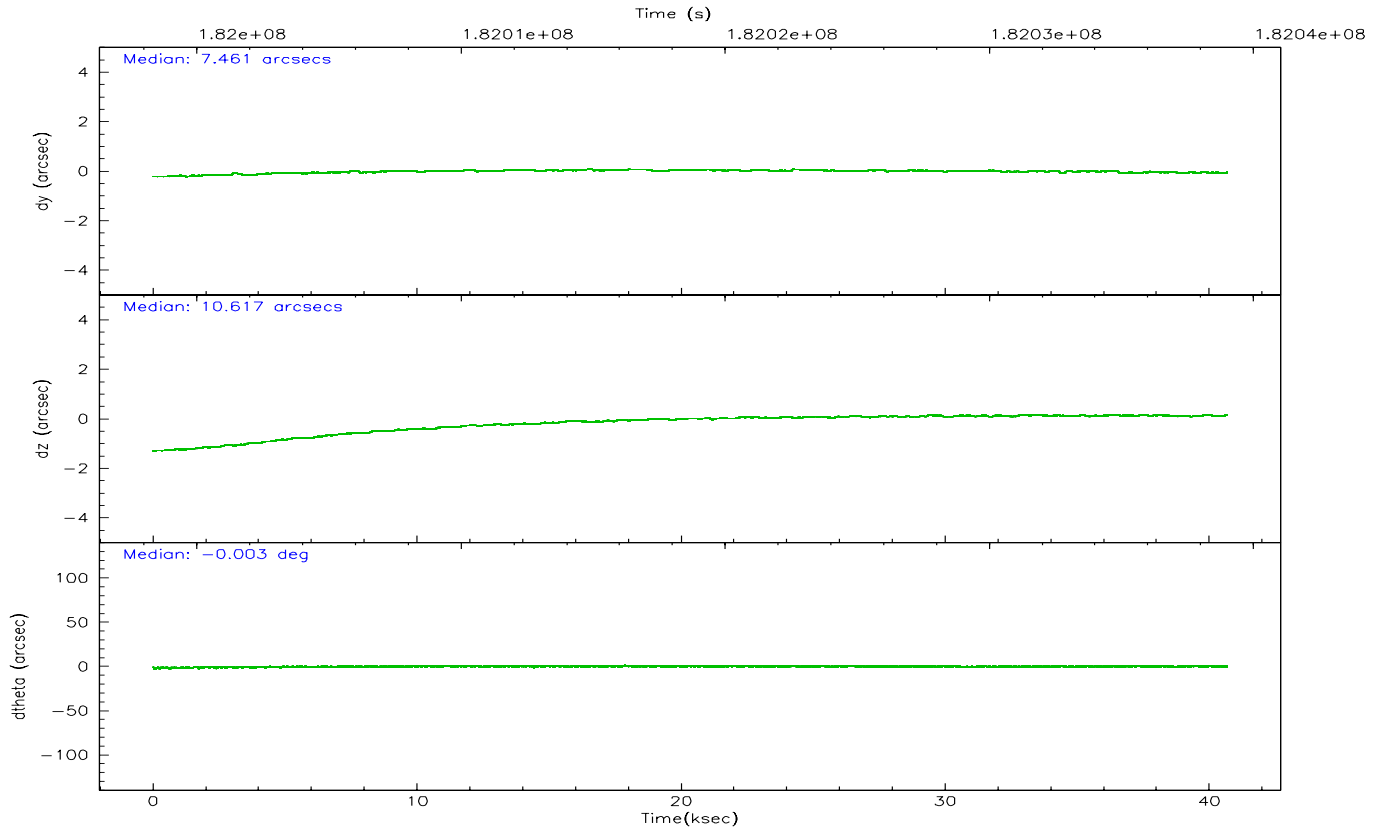
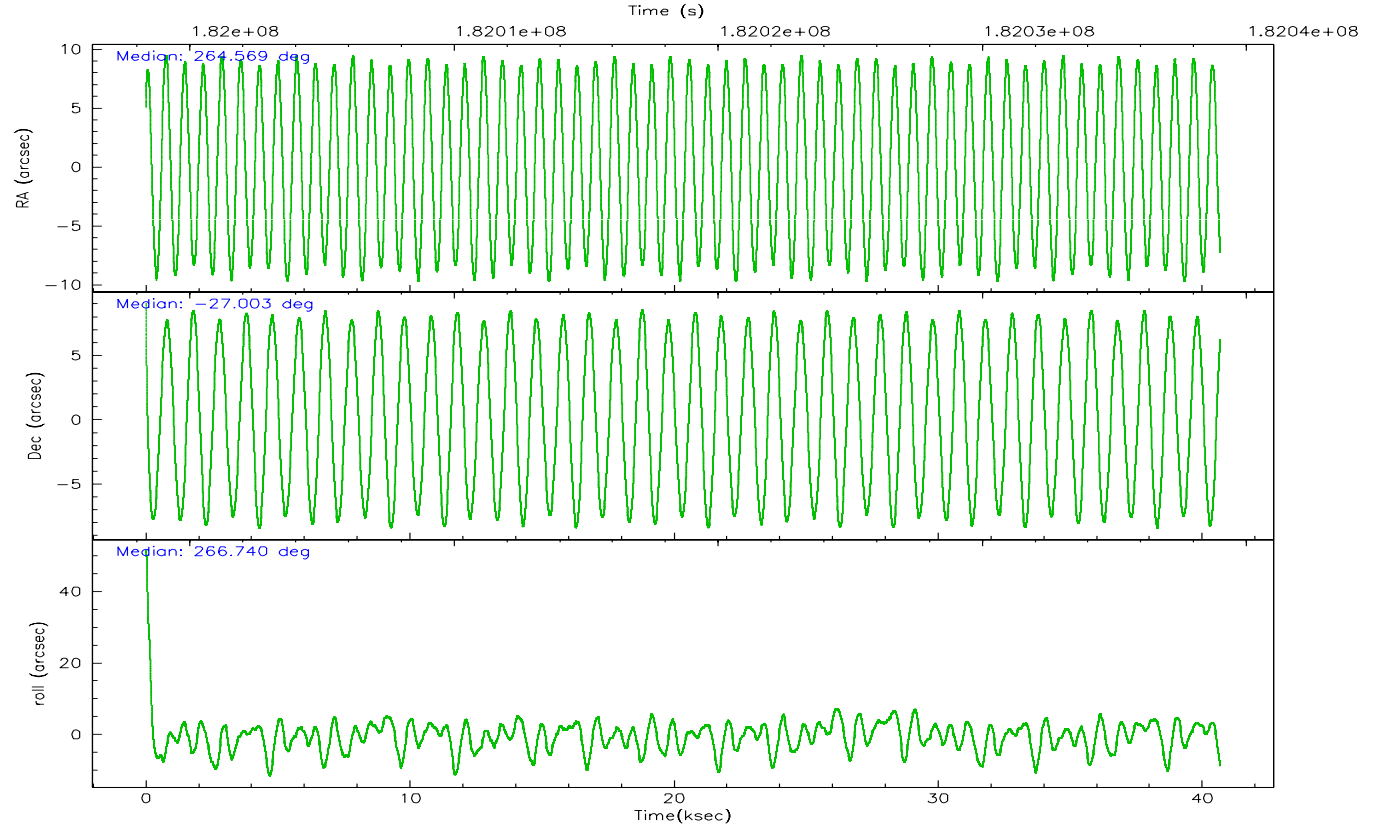
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	7049	7361	56820	7606	131923	18384
	12%	11%	21%	11%	17%	16%
grade 1 events	205	249	252	198	2145	327
	0%	0%	0%	0%	0%	0%
grade 2 events	18951	19825	65334	25910	190836	32351
	33%	32%	24%	37%	25%	28%
grade 3 events	5833	6989	4327	6014	68264	11141
	10%	11%	1%	8%	9%	9%
grade 4 events	6084	6151	4109	5989	64422	10733
	10%	9%	1%	8%	8%	9%
grade 5 events	9197	10797	21103	11169	35720	14710
	16%	17%	7%	16%	4%	13%
grade 6 events	9232	10301	112877	12050	245741	25398
	16%	16%	42%	17%	33%	22%
grade 7 events	0	0	0	0	0	0
	0%	0%	0%	0%	0%	0%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-235678	ACIS-235678	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	CC33_FAINT	CC33_FAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	264.554624	264.5687526108022	Alternating exposures requested	N	N
Pointing Dec	-26.979315	-27.00346028192878	Primary exposure time	0.000000	0
Pointing Roll	266.590466	266.7535166651164			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-187.132523	-187.1254020033014			
SIM translation stage offset (mm)	-3	-3.007120579706367			
Observation start time	181998480.184000	181997184.38178			
Observation start date	2003-10-08T11:06:56	2003-10-08T10:46:24			
Observation end time	182039016.184000	182039914.07111			
Observation end date	2003-10-08T22:22:32	2003-10-08T22:38:34			
Read mode	CONTINUOUS	CONTINUOUS			

2.3 Aspect



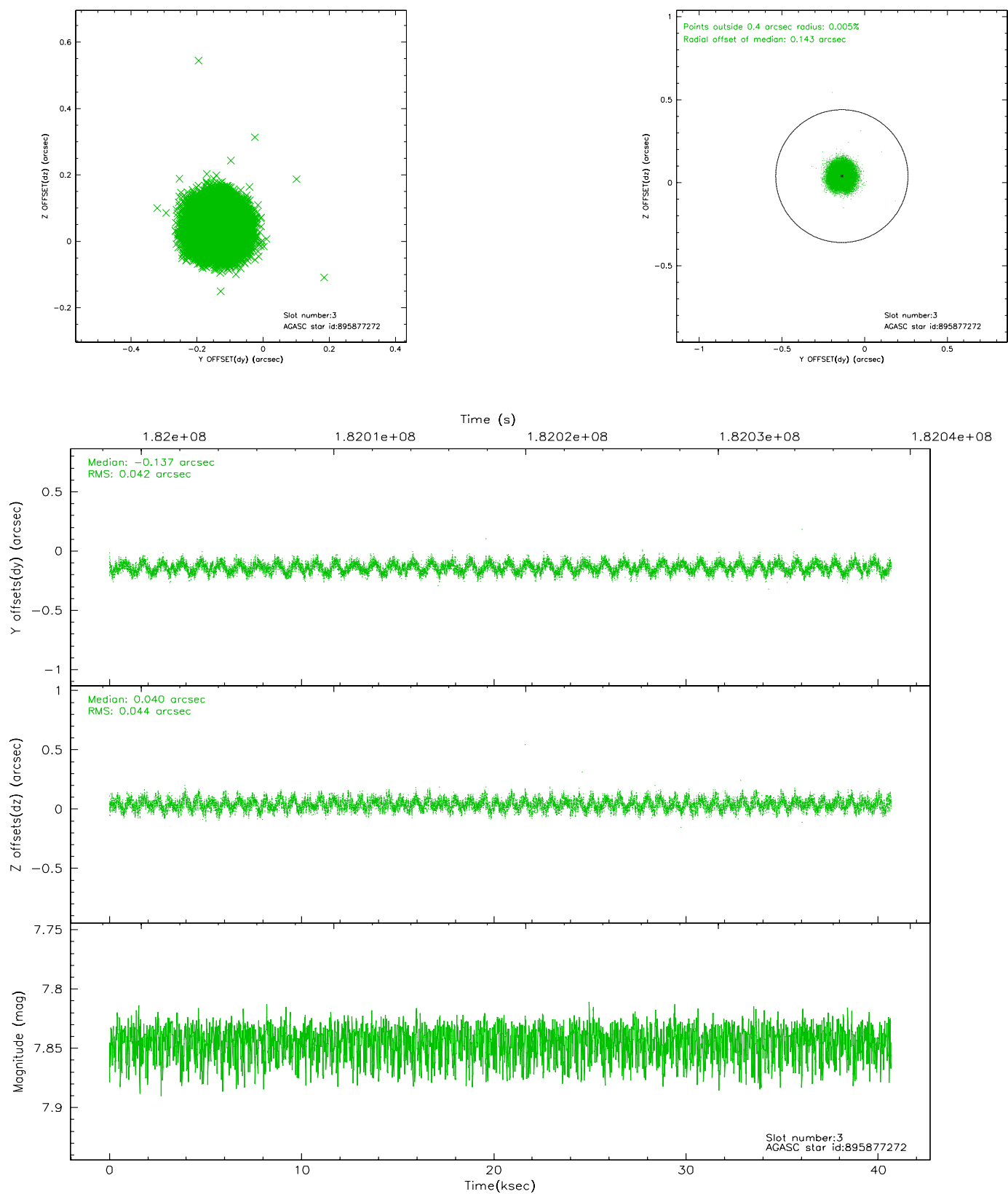


Slot Statistics

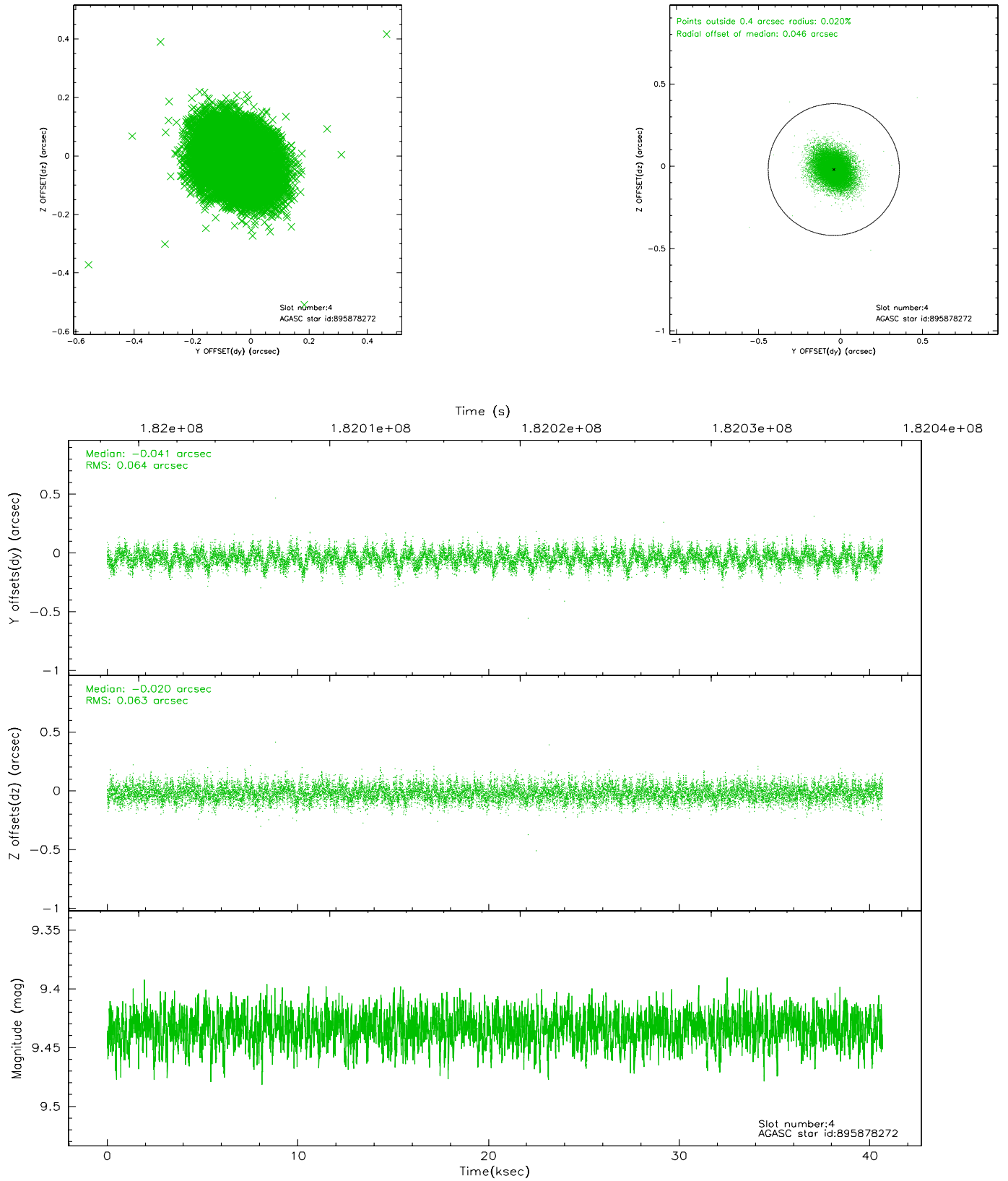
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.09	9917	-0.028	-0.051	0.009	0.035	0.000000	0.000000	-760.05	-1793.79
1	FID	ACIS-S-4	7.18	9916	0.024	0.027	0.005	0.010	0.000000	0.000000	2153.29	114.70
2	FID	ACIS-S-5	7.23	9918	-0.026	0.033	0.009	0.031	0.000000	0.000000	-1812.85	108.44
3	GUIDE	895877272	7.84	19832	-0.137	0.040	0.066	0.101	264.774842	-26.937569	-191.06	696.68
4	GUIDE	895878272	9.43	19817	-0.041	-0.020	0.094	0.156	263.965944	-27.067577	434.53	-1864.36
5	GUIDE	895879392	9.12	19828	0.089	0.179	0.075	0.121	264.792874	-27.441876	1618.04	859.49
6	GUIDE	895879960	10.05	19822	0.124	-0.219	0.146	0.228	264.581806	-27.205416	808.59	133.76
7	GUIDE	895880152	8.24	19832	-0.033	0.015	0.054	0.089	264.267852	-27.098682	485.27	-891.58

2.4 Star Slots

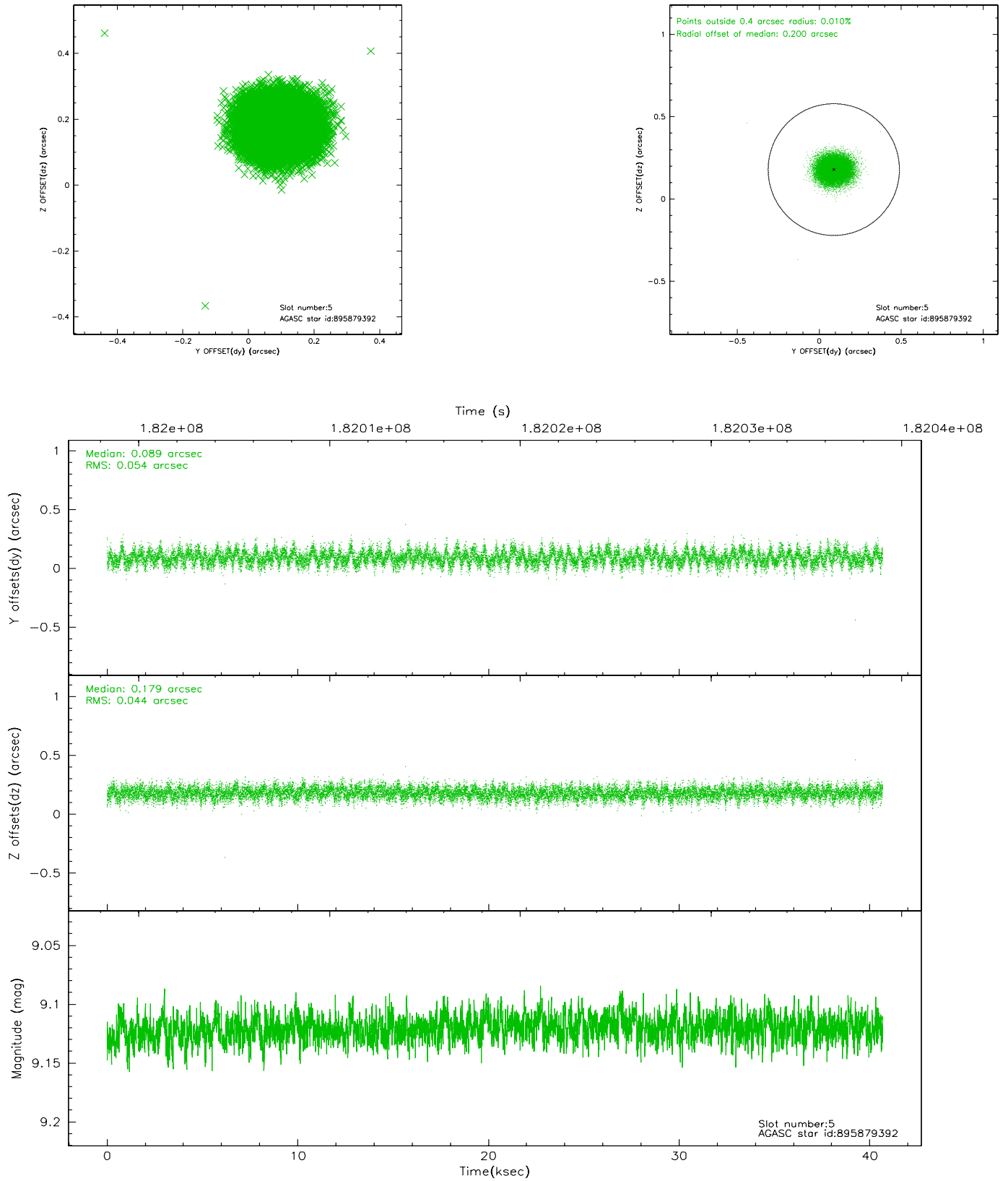
2.4.1 Slot 3



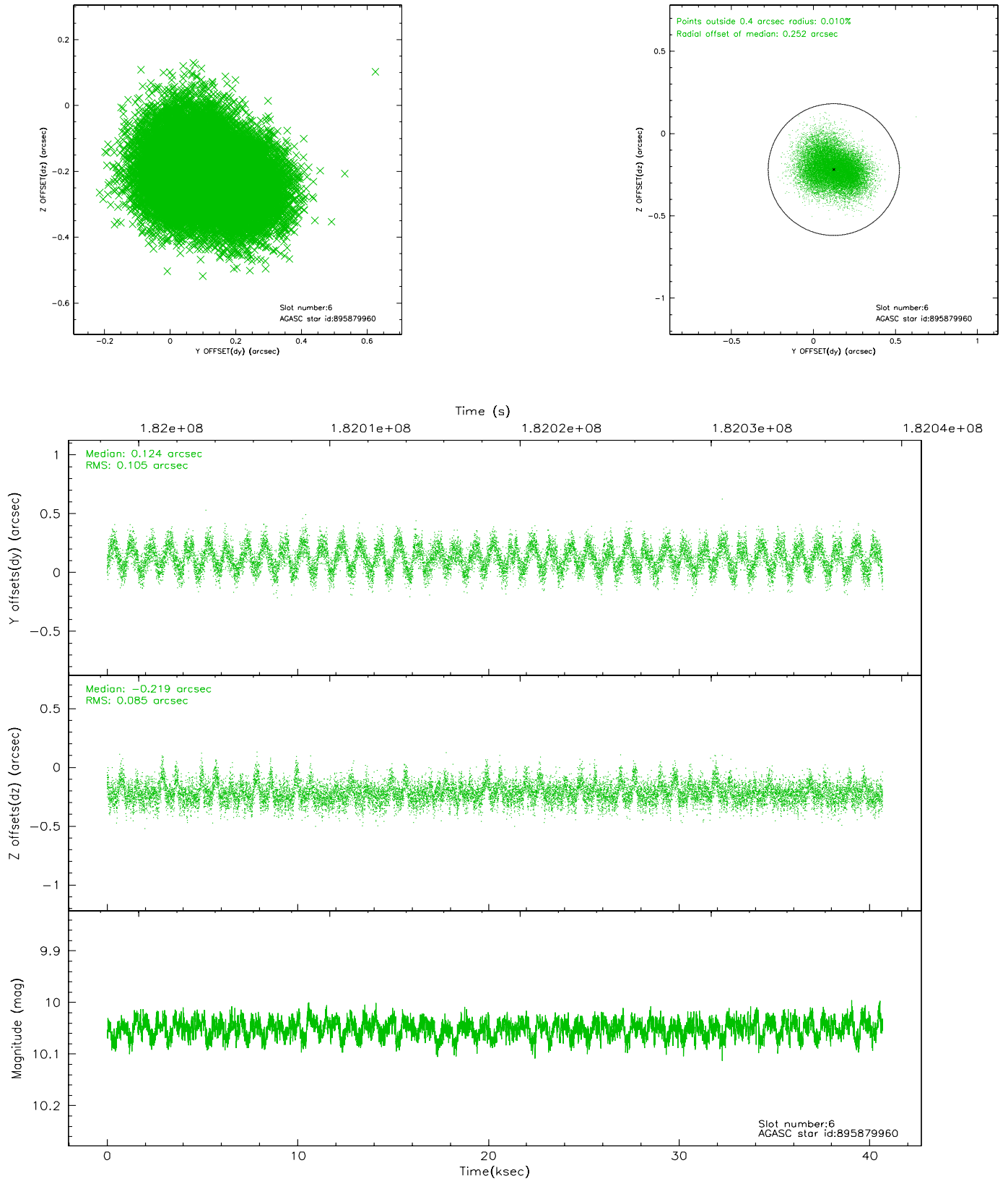
2.4.2 Slot 4



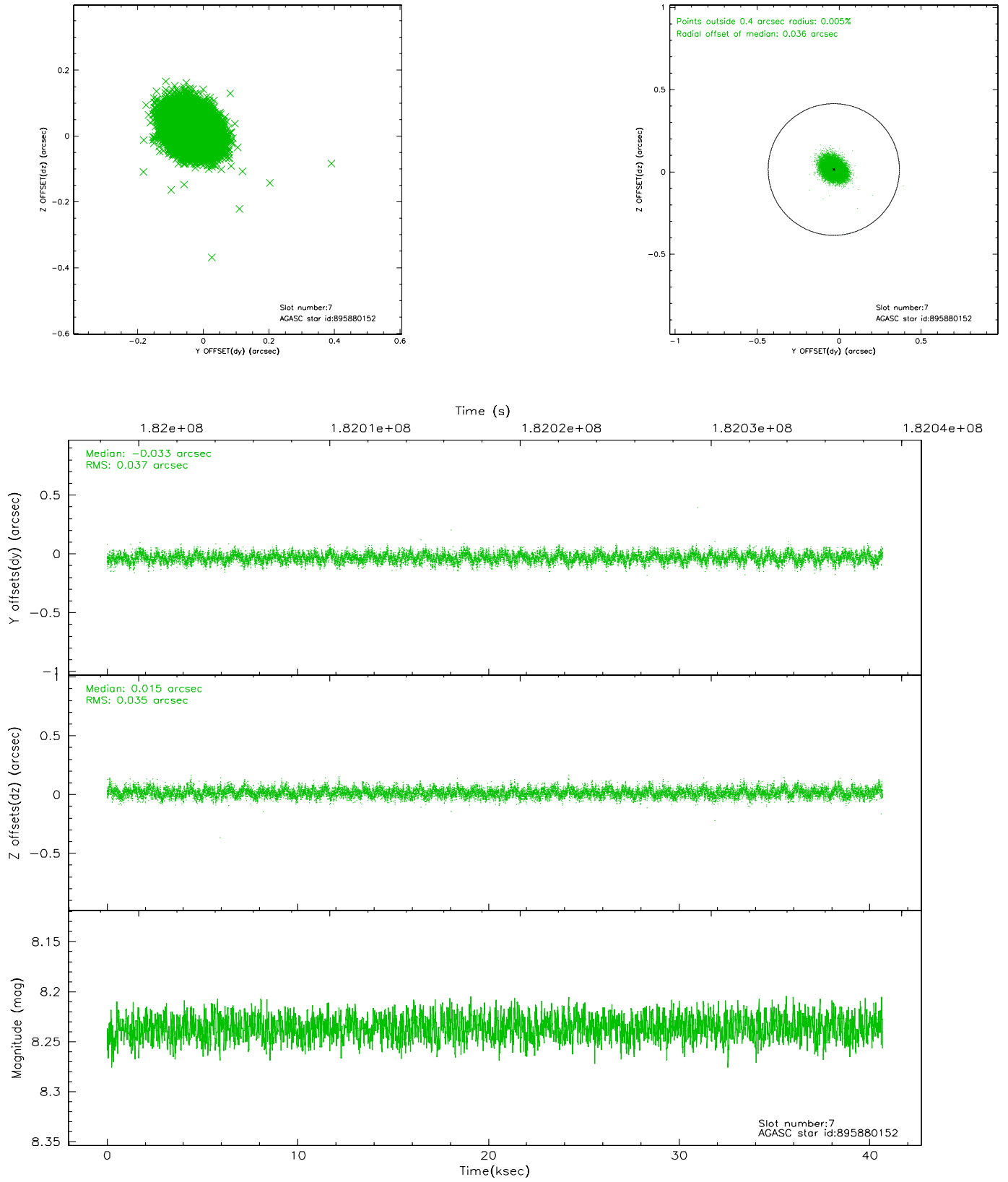
2.4.3 Slot 5



2.4.4 Slot 6

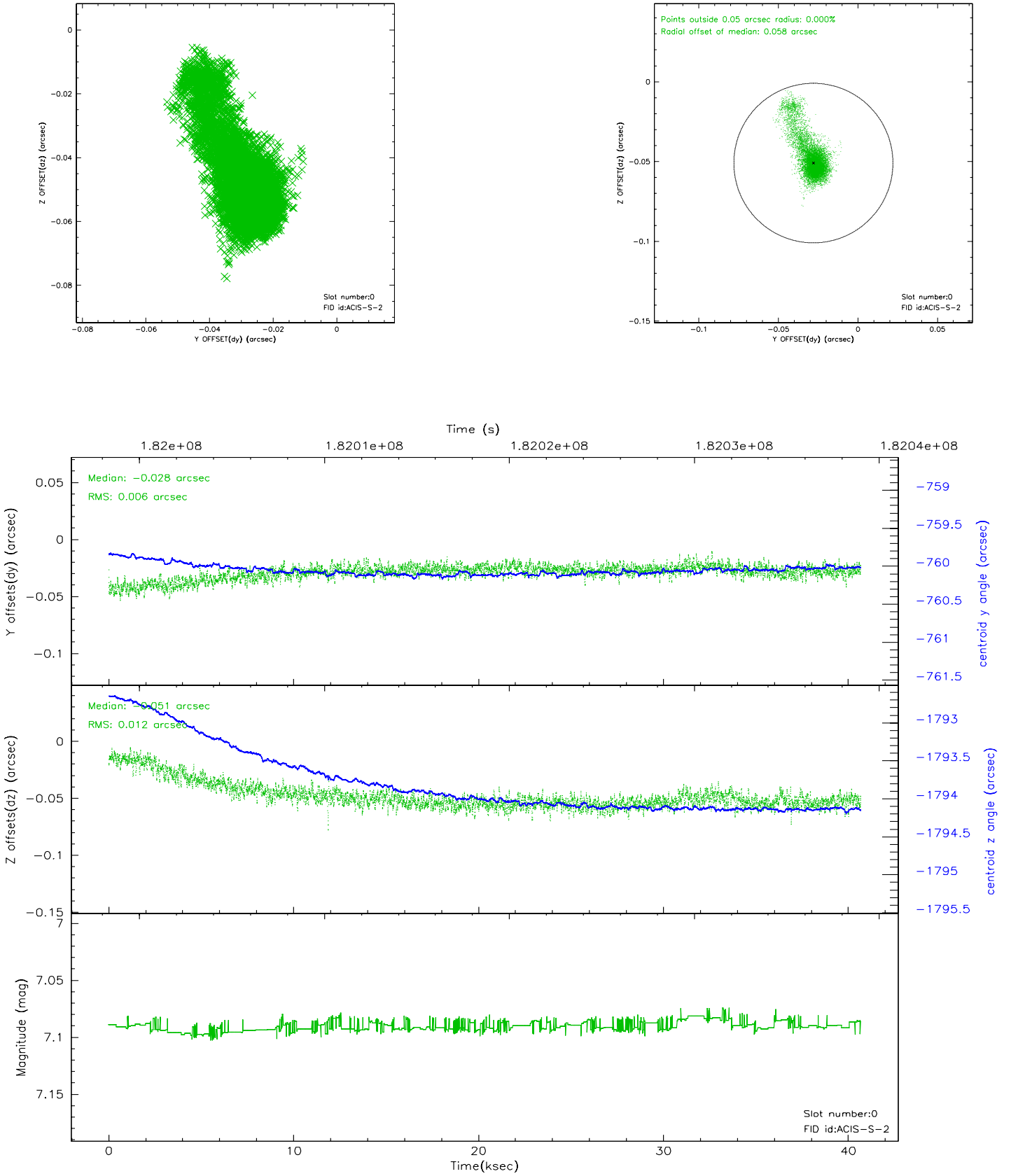


2.4.5 Slot 7

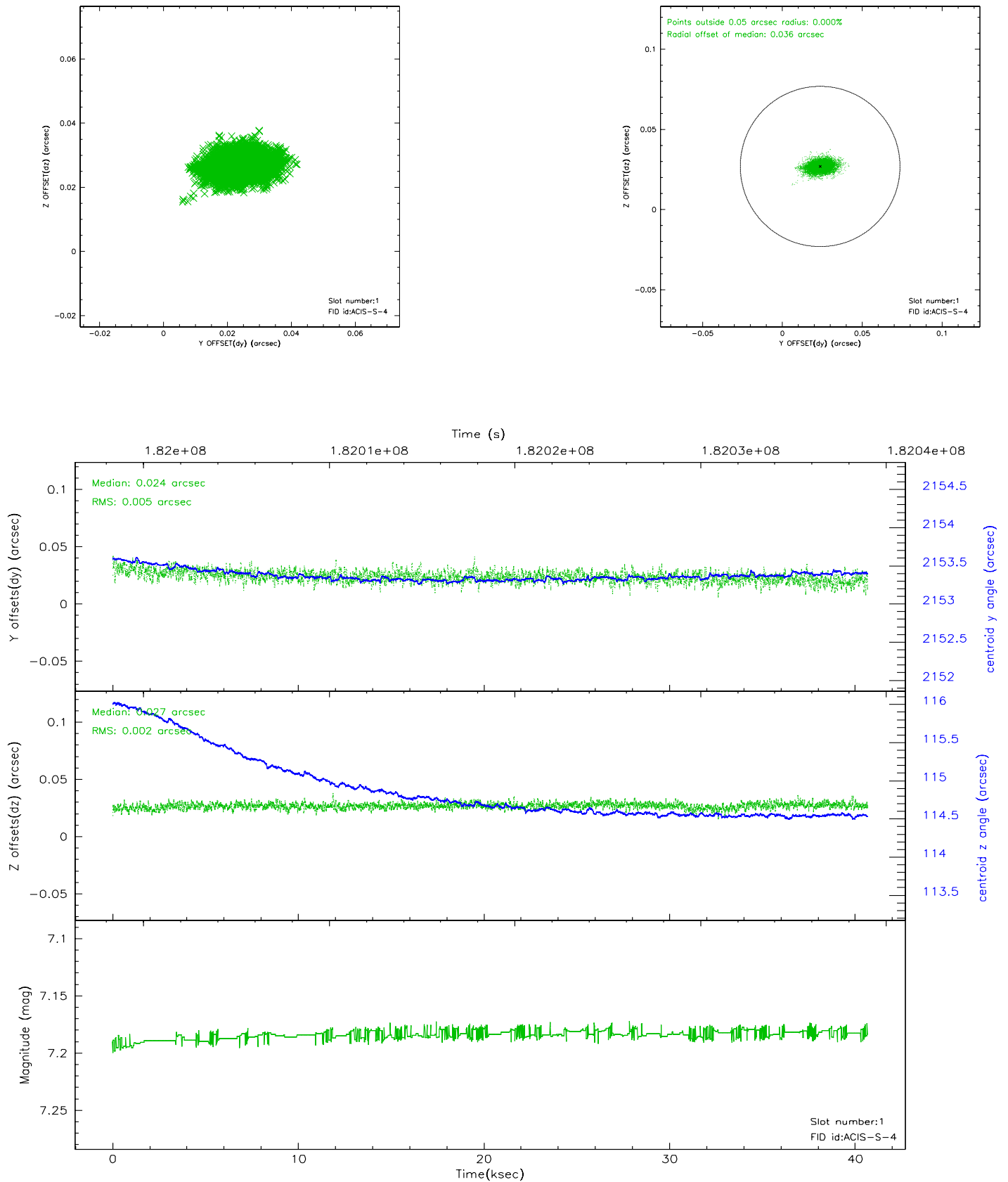


2.5 FID Slots

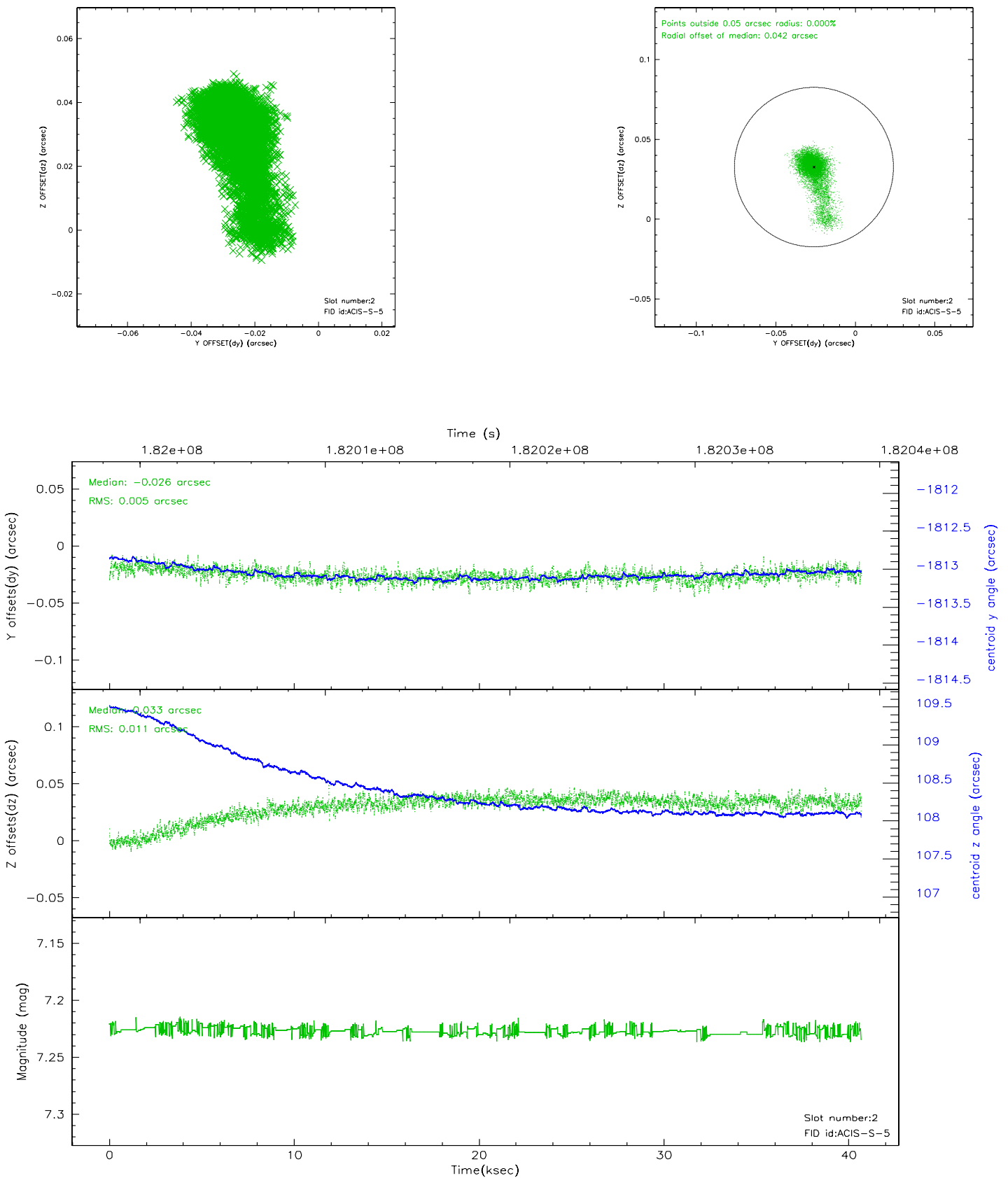
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.07.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	40.666

A.2 Comments