

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 7206 - L2 Version 002
Chandra X-Ray Center

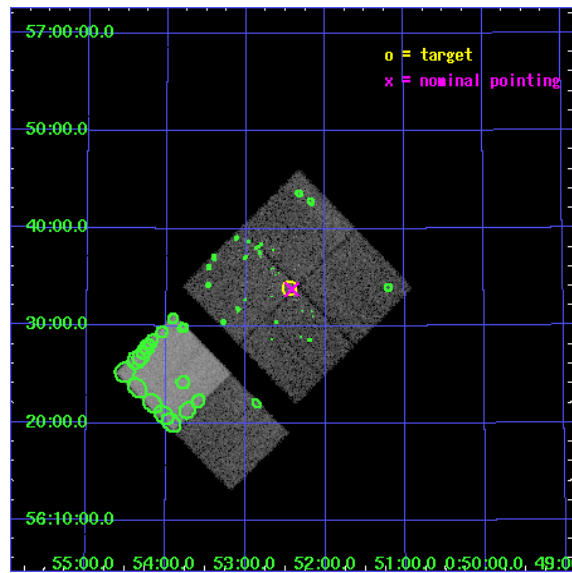
L2 Processing Date : Apr 4 2006

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1 Front

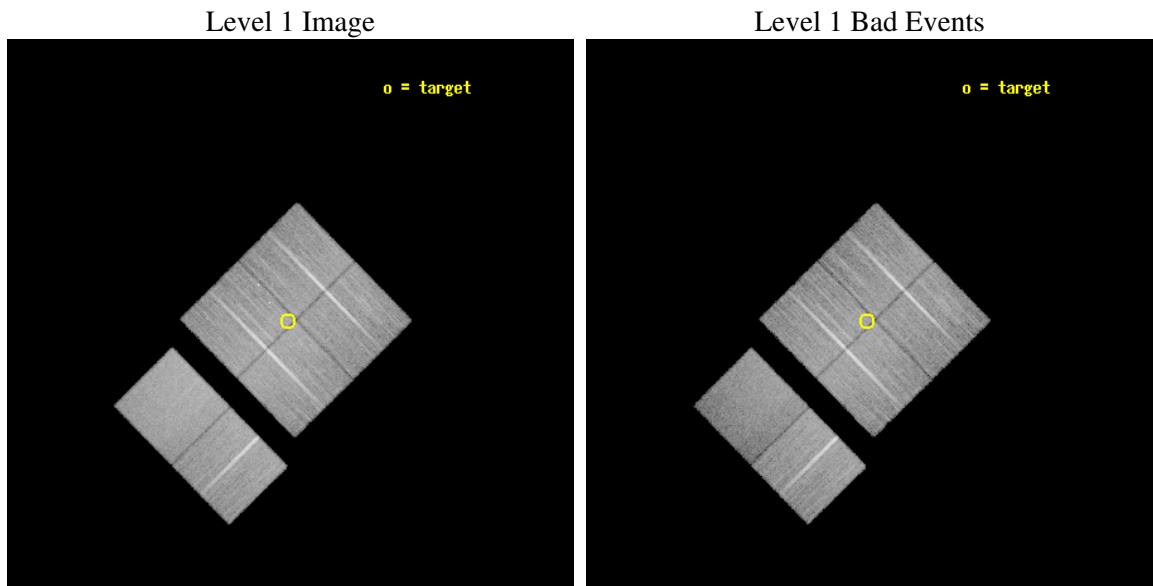
seq_num	200357
obs_id	7206
title	The power within the PacMan Nebula: Triggered Star Formation in NGC 281
observer	Dr. Scott Wolk
object	NGC 281
dtcycle	0
cycle	P
ra_targ	13.112917
dec_targ	56.565
ra_nom	13.105133015573
dec_nom	56.563226157239
roll_nom	225.51519711851
revision	2
ontime	23494.358902305
livetime	23196.85918328
ontime0	23497.599912465
ontime1	23494.358942151
ontime2	23497.599912465
ontime3	23494.358902305
ontime6	23497.599912465
ontime7	23497.599912465
l2events	138002



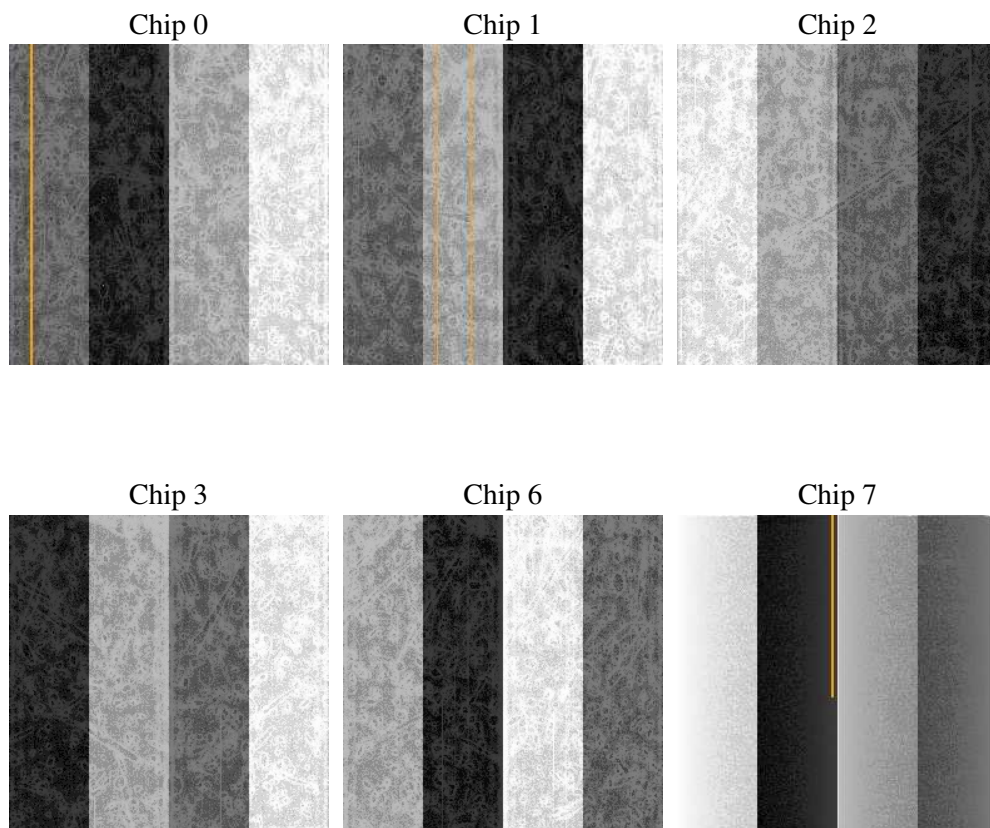
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.1
caldbver	3.2.1
date	2006-04-04T19:57:32
revision	2

sched_exp_time	23322.125000
ontime	24647.898027688
ontime0	24651.139037848
ontime1	24647.898067534
ontime2	24651.139037848
ontime3	24647.898027688
ontime6	24651.139037848
ontime7	24651.139047772
l1events	987856

2.1.4 Events

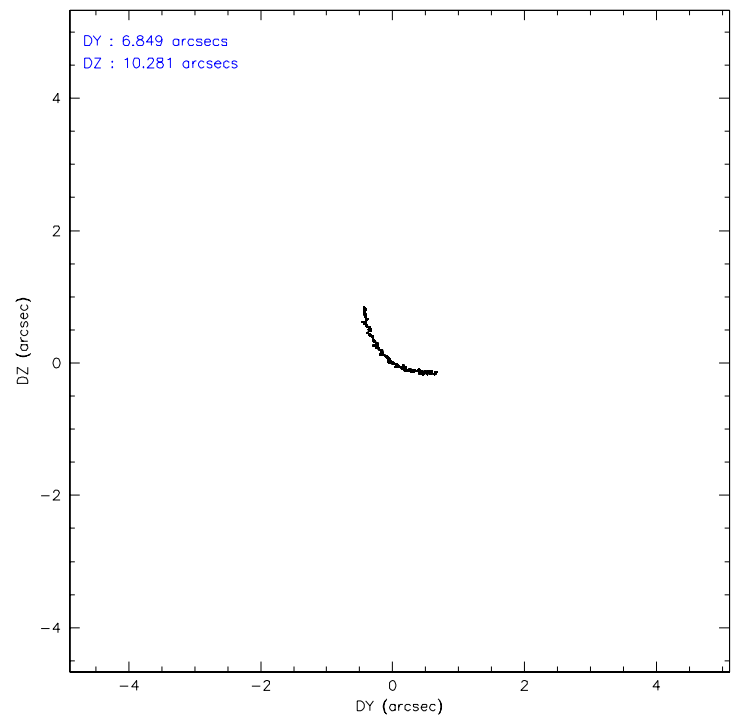
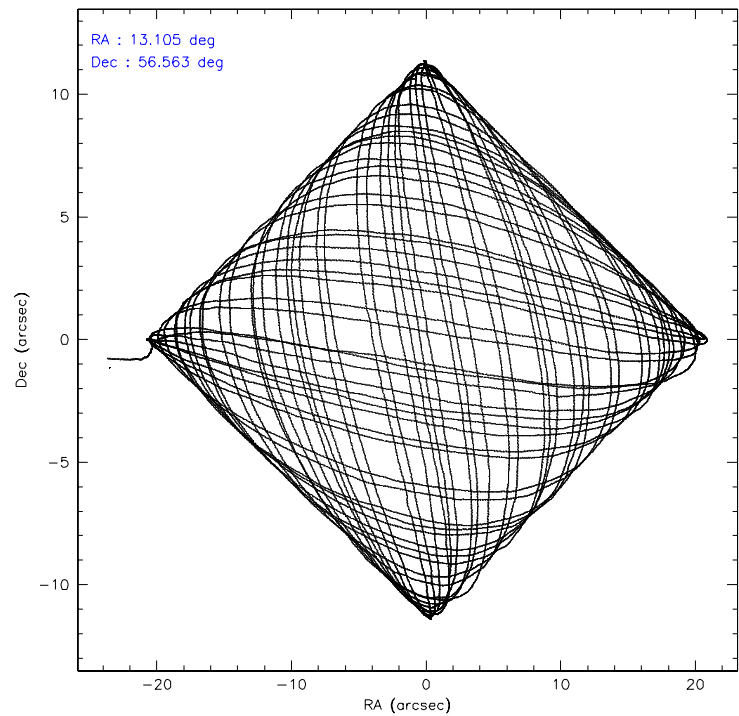
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	152226	151344	172844	164018	167182	180242
rejected events	137030	133774	157588	147049	151096	108246
rejected %	90%	88%	91%	89%	90%	60%

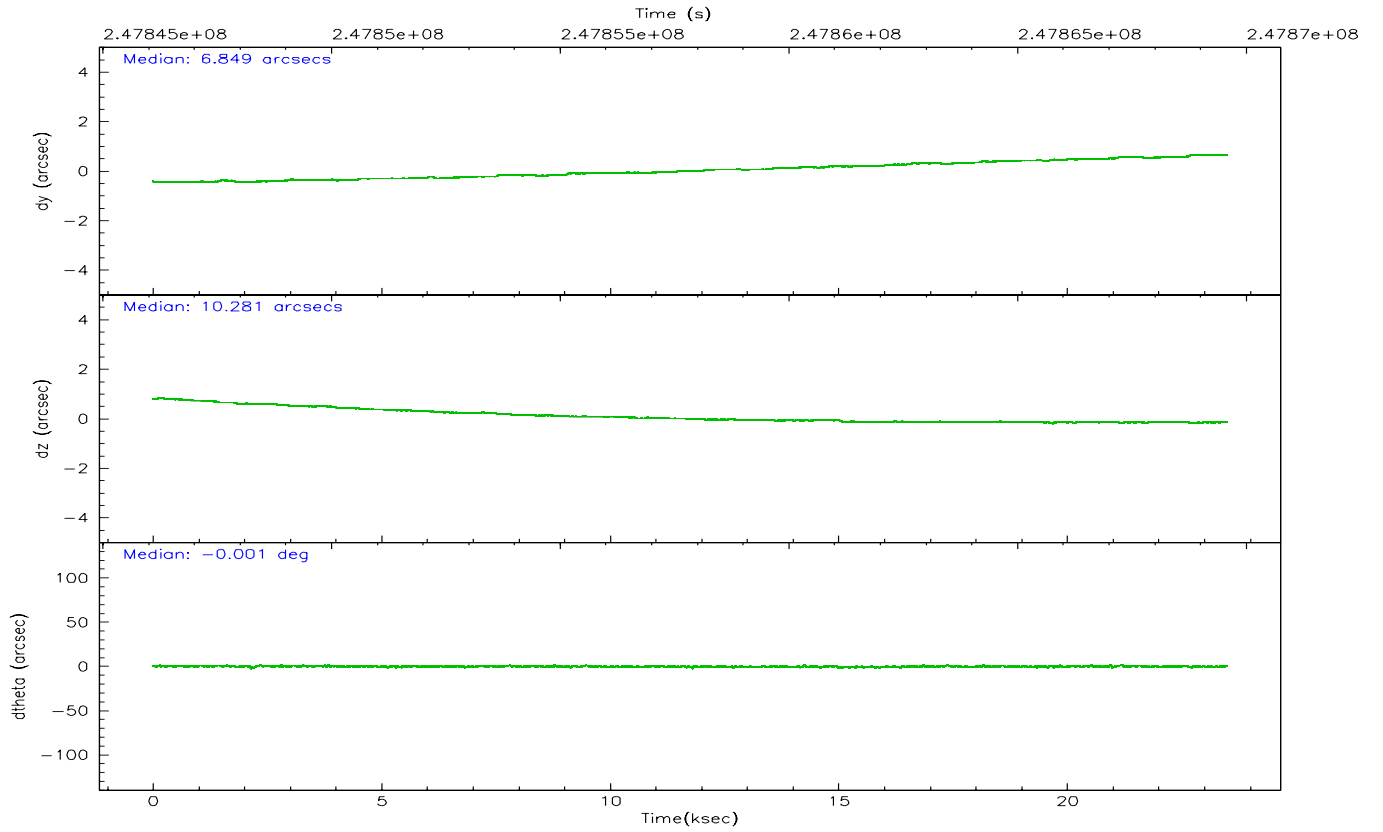
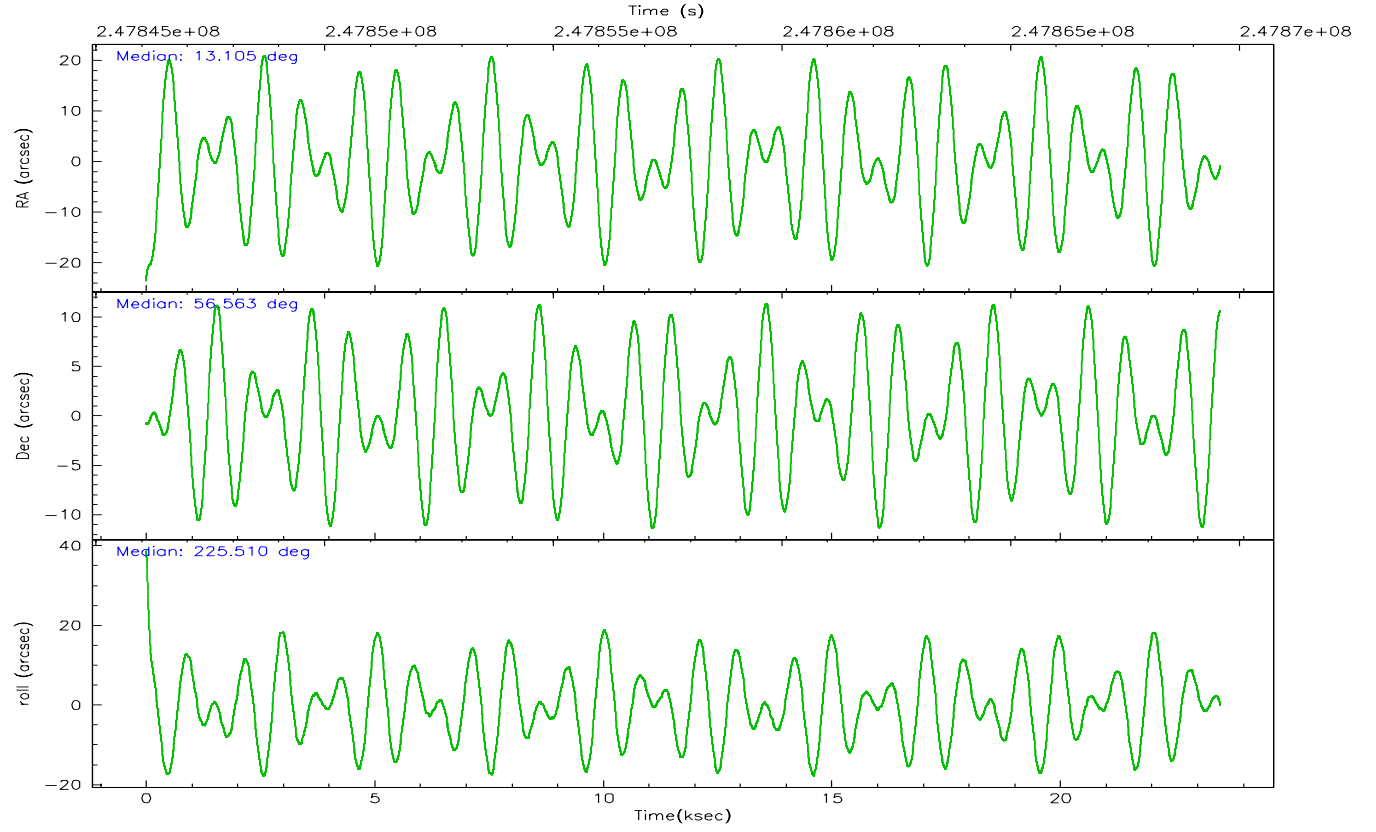
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	5428	6932	5920	7299	5715	3941
	3%	4%	3%	4%	3%	2%
grade 1 events	77	77	68	106	86	94
	0%	0%	0%	0%	0%	0%
grade 2 events	3769	3889	3725	3533	3703	18728
	2%	2%	2%	2%	2%	10%
grade 3 events	1904	2020	1755	1895	1898	4328
	1%	1%	1%	1%	1%	2%
grade 4 events	1735	1980	1768	1816	1808	3989
	1%	1%	1%	1%	1%	2%
grade 5 events	5348	6066	5109	6389	6722	13468
	3%	4%	2%	3%	4%	7%
grade 6 events	3075	3582	2821	3174	3770	44587
	2%	2%	1%	1%	2%	24%
grade 7 events	130890	126798	151678	139806	143480	91107
	85%	83%	87%	85%	85%	50%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-012367	ACIS-012367	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	13.117383	13.10513301557335	Alternating exposures requested	N	N
Pointing Dec	56.589758	56.56322615723858	Primary exposure time	0.000000	3.2
Pointing Roll	225.296276	225.5151971185081			
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-233.592463	-233.5874344608287			
SIM translation stage offset (mm)	0	-0.005018542100998502			
Observation start time	247846269.184000	247844570.05253			
Observation start date	2005-11-08T14:10:05	2005-11-08T13:42:50			
Observation end time	247869591.184000	247869826.0537			
Observation end date	2005-11-08T20:38:47	2005-11-08T20:43:46			
Read mode	TIMED	TIMED			

2.3 Aspect



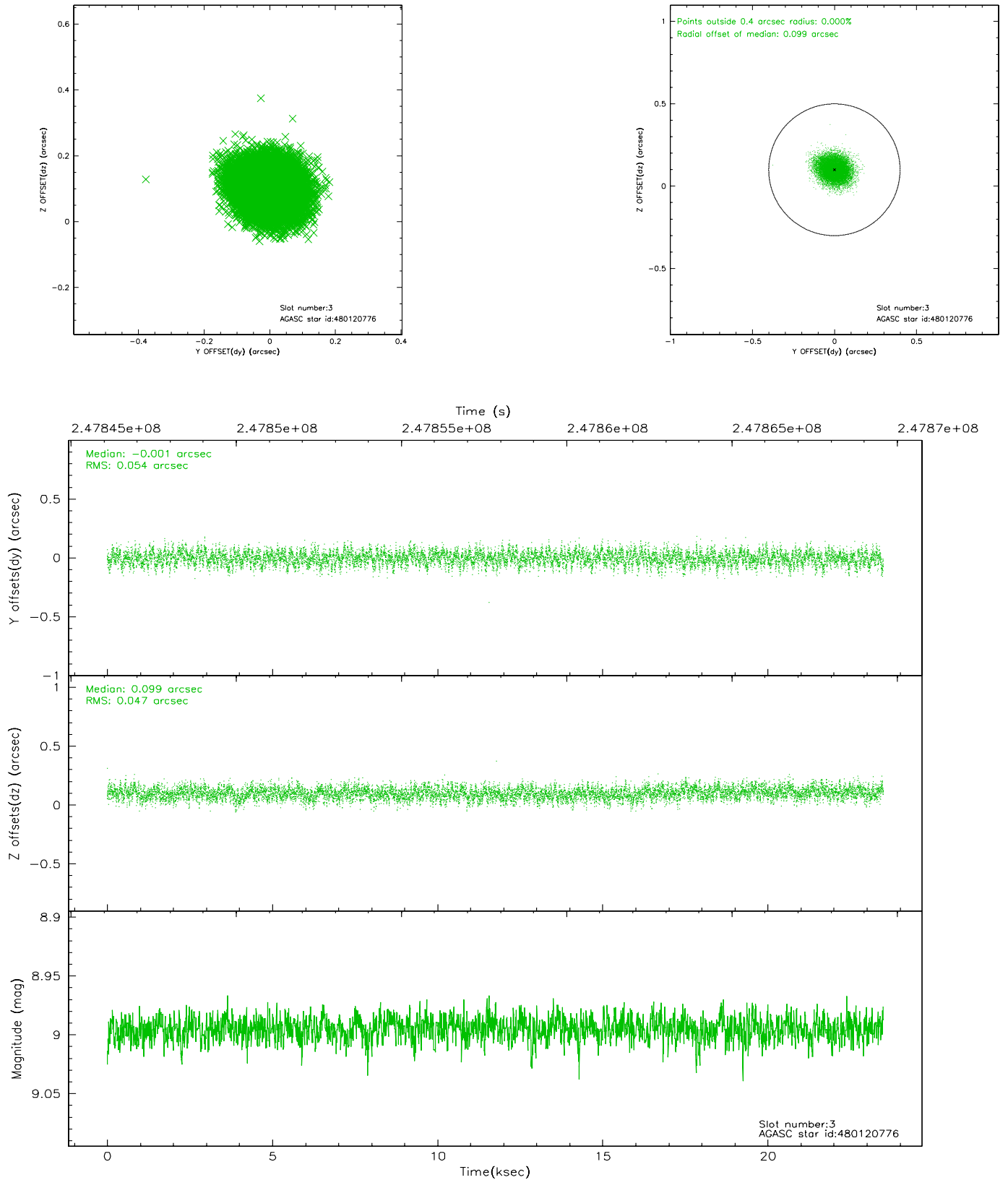


Slot Statistics

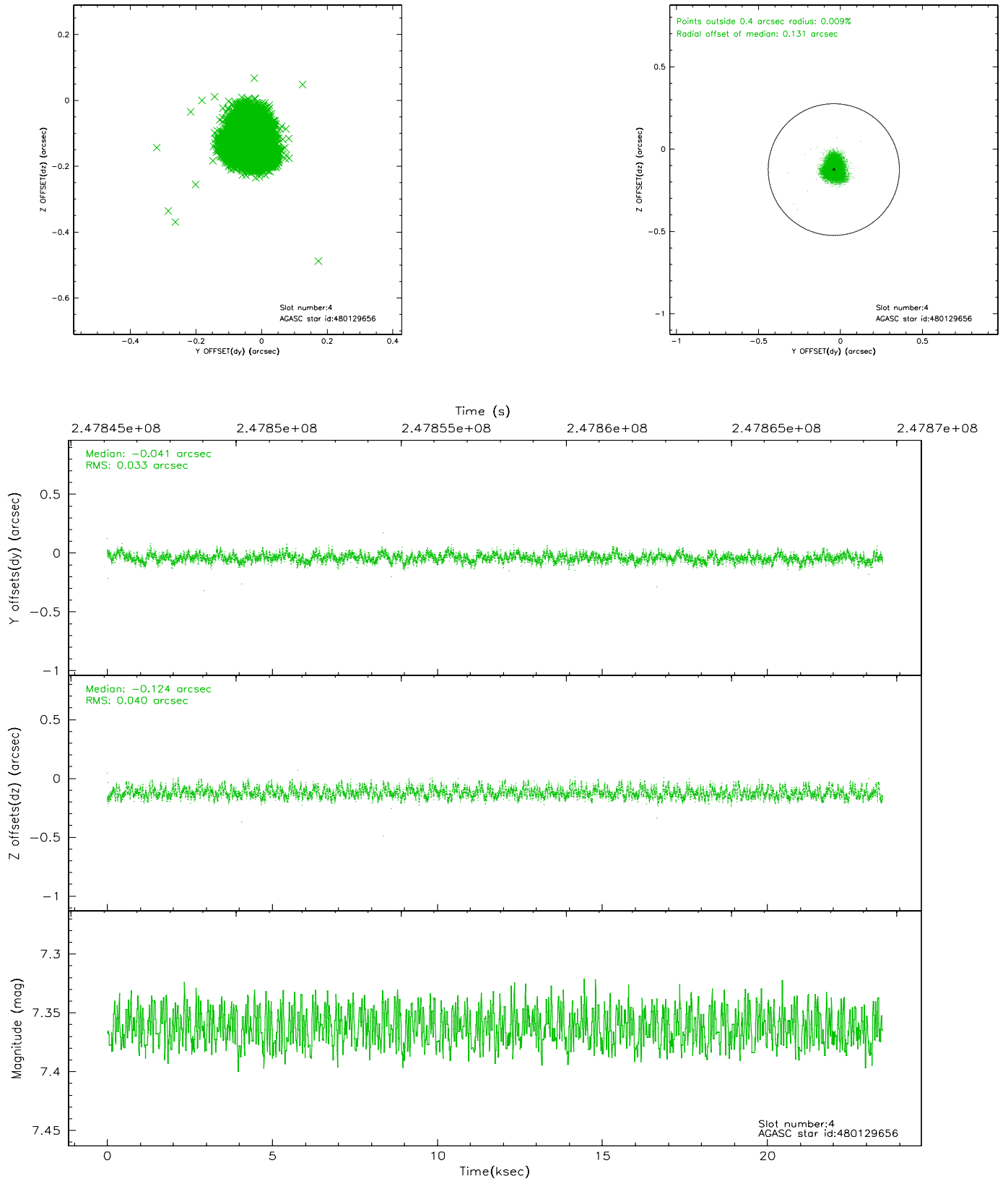
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-4	7.18	5732	0.069	0.024	0.024	0.044	0.000000	0.000000	2152.83	1066.01
1	FID	ACIS-I-5	7.23	5733	-0.163	0.021	0.014	0.023	0.000000	0.000000	-1815.18	1063.91
2	FID	ACIS-I-6	7.26	5732	-0.002	0.022	0.017	0.039	0.000000	0.000000	398.20	1708.21
3	GUIDE	480120776	8.99	11463	-0.001	0.099	0.076	0.122	11.785837	56.559271	1918.37	-1817.88
4	GUIDE	480129656	7.36	11465	-0.041	-0.124	0.055	0.088	13.070380	56.264365	898.90	757.30
5	GUIDE	480136328	7.71	11398	0.013	0.017	0.065	0.102	13.273425	57.219156	-1824.18	-1377.80
6	GUIDE	481821576	7.92	11465	0.010	0.022	0.059	0.091	13.802183	56.483052	-689.48	1232.95
7	GUIDE	479609704	8.42	11464	0.019	-0.014	0.077	0.120	13.331651	55.769395	1793.42	2385.87

2.4 Star Slots

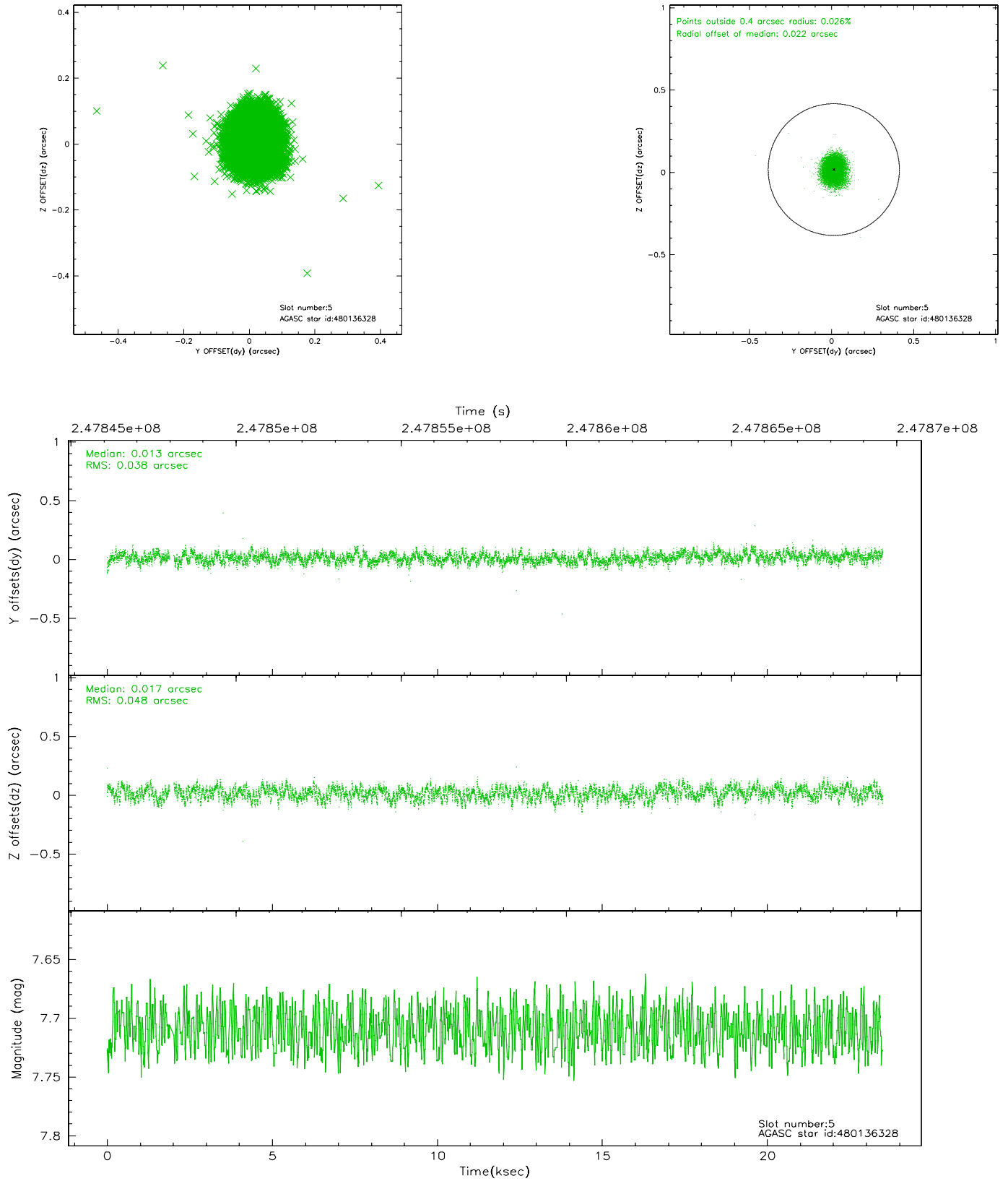
2.4.1 Slot 3



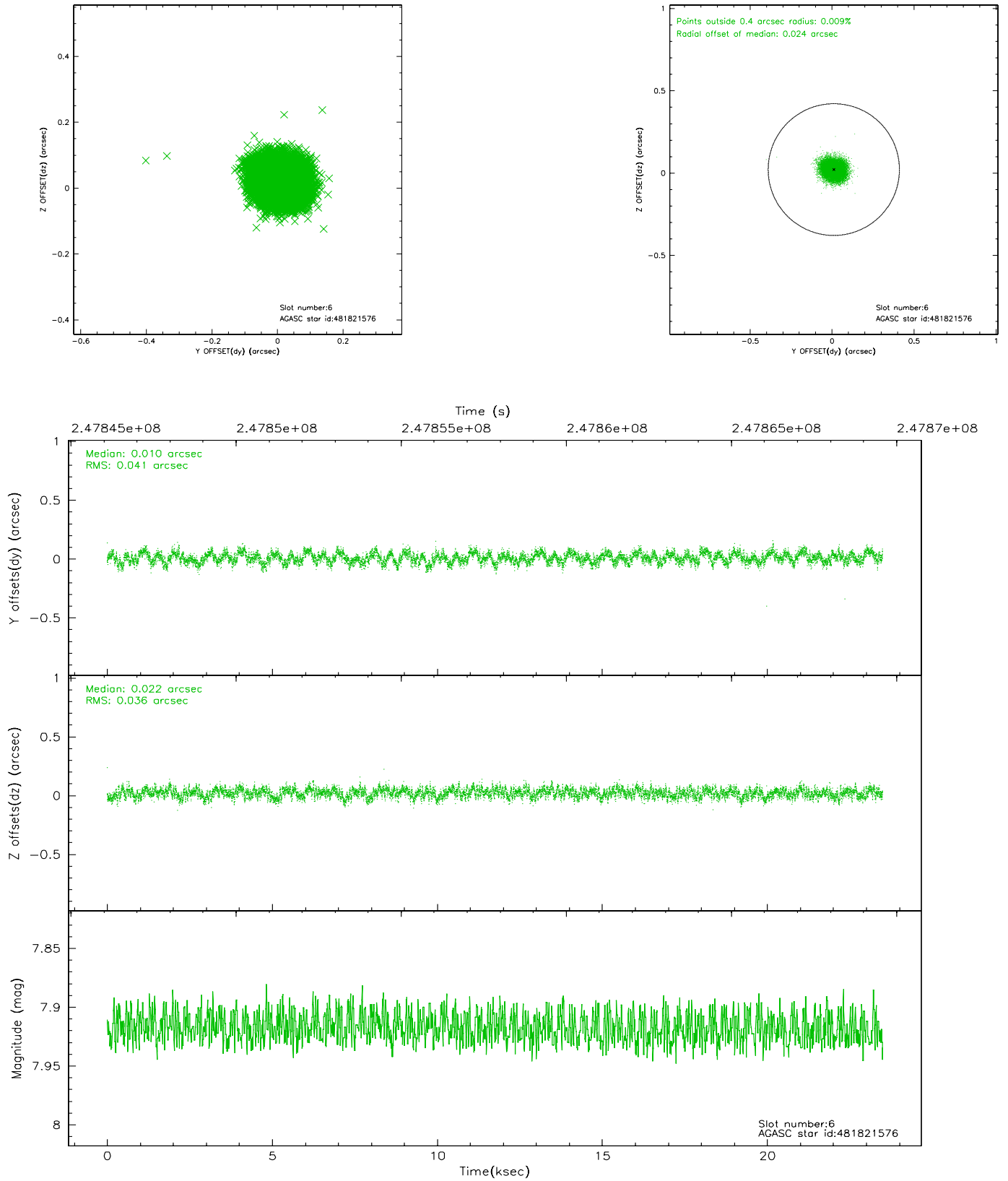
2.4.2 Slot 4



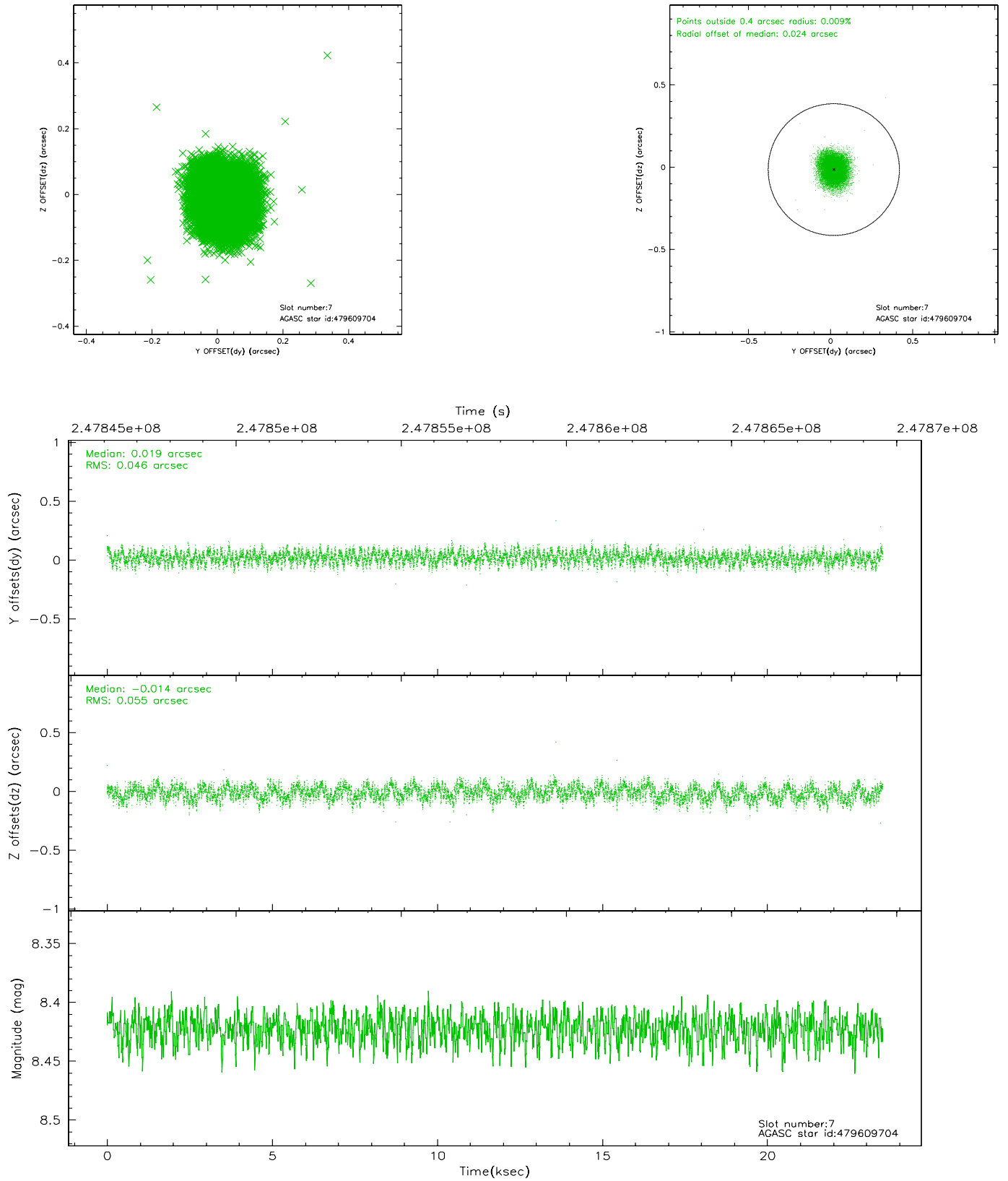
2.4.3 Slot 5



2.4.4 Slot 6

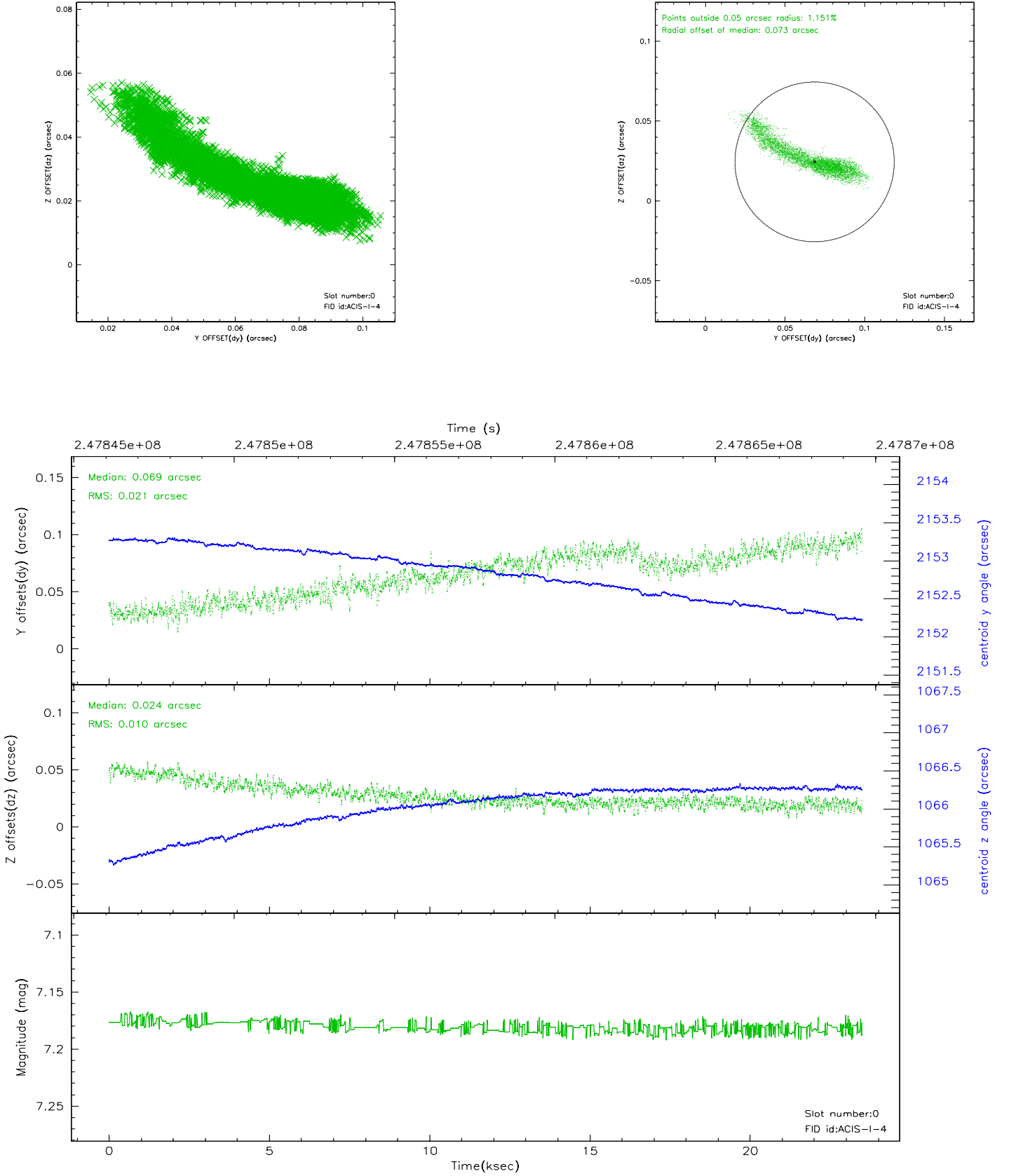


2.4.5 Slot 7

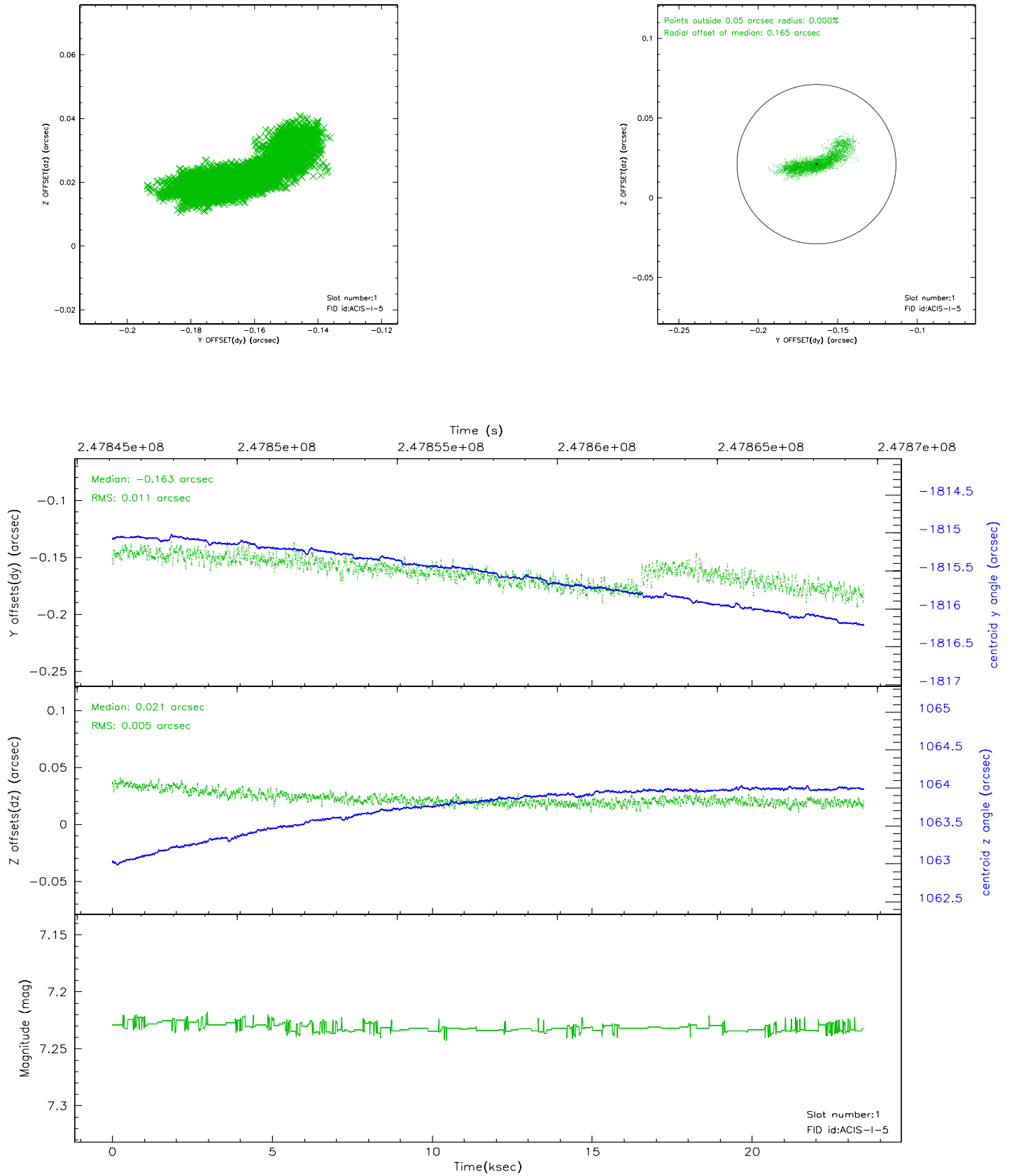


2.5 FID Slots

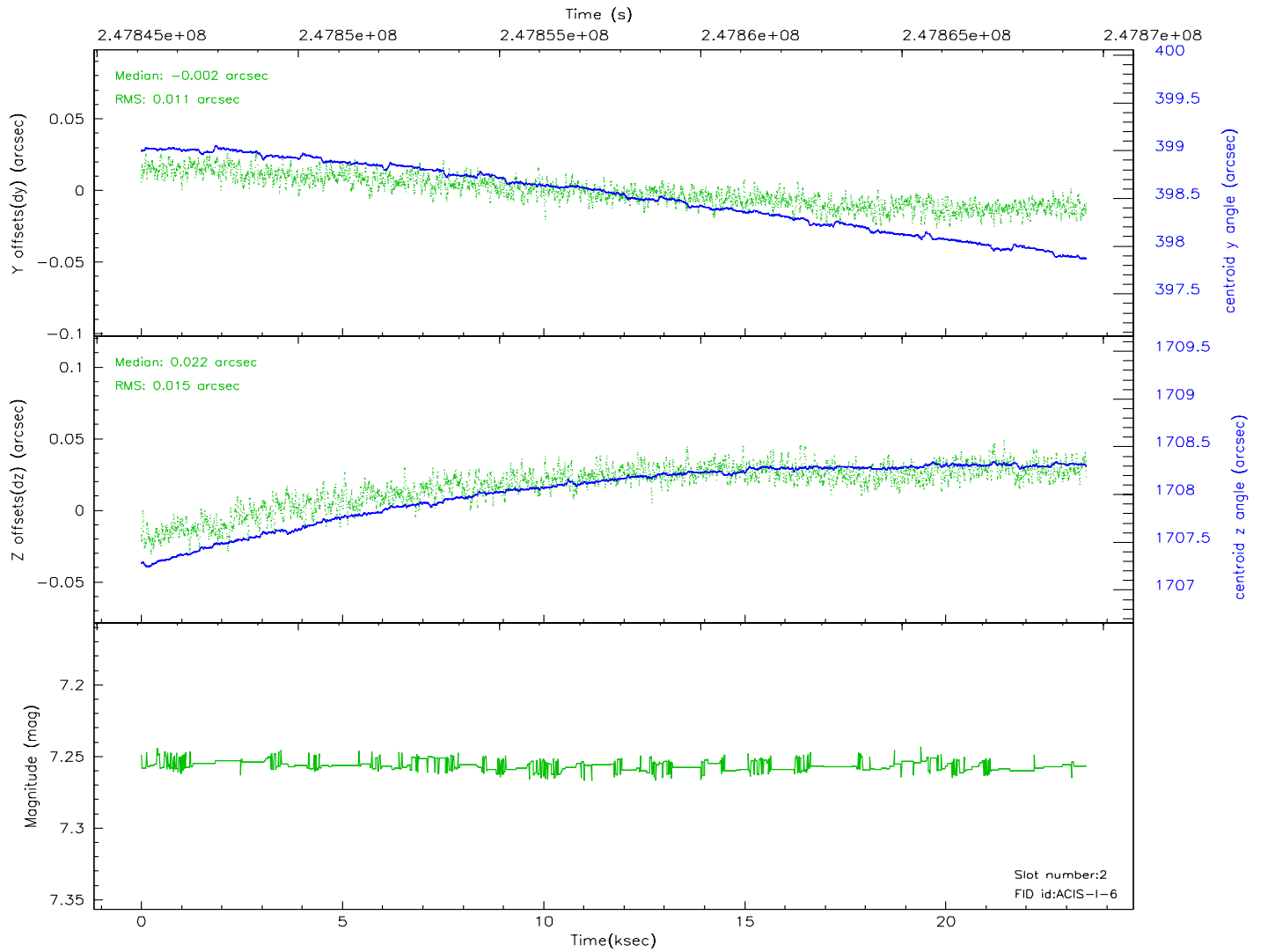
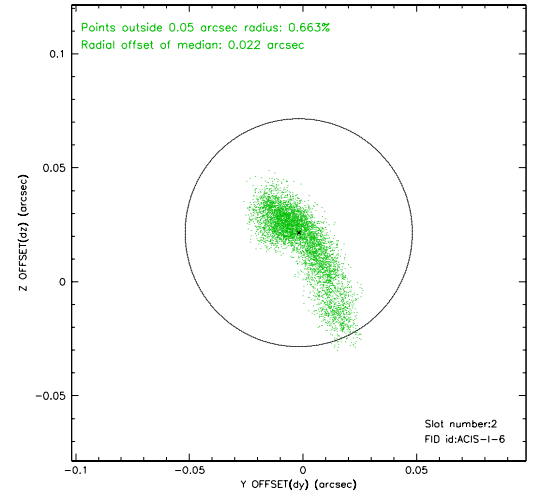
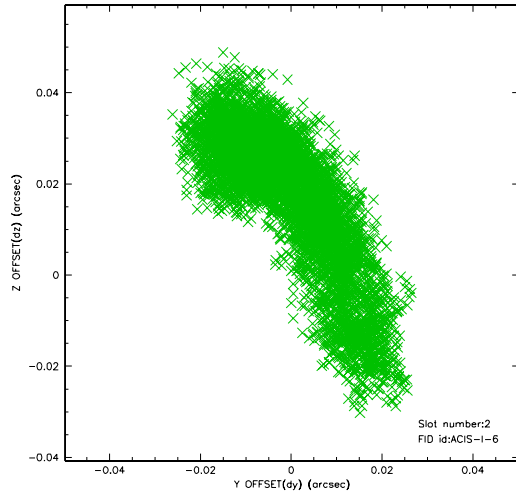
2.5.1 Slot 0



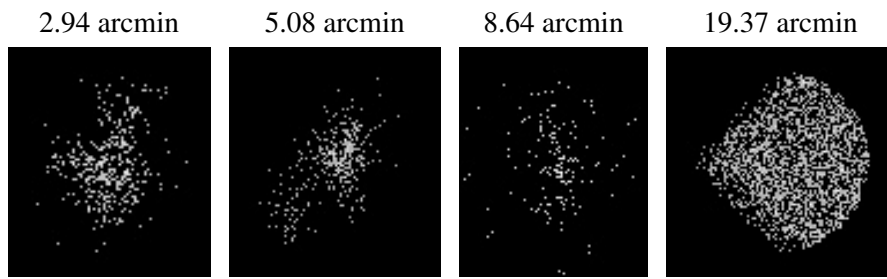
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Doug Morgan
V&V Date (YYYY-MM-DD)	2006.04.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	23.49435

A.2 Comments