

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 5907 - L2 Version 002
Chandra X-Ray Center

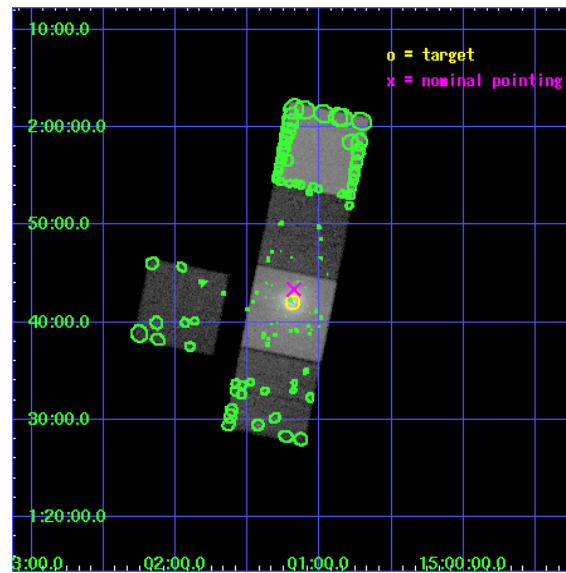
L2 Processing Date : Mar 17 2006

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1 Front

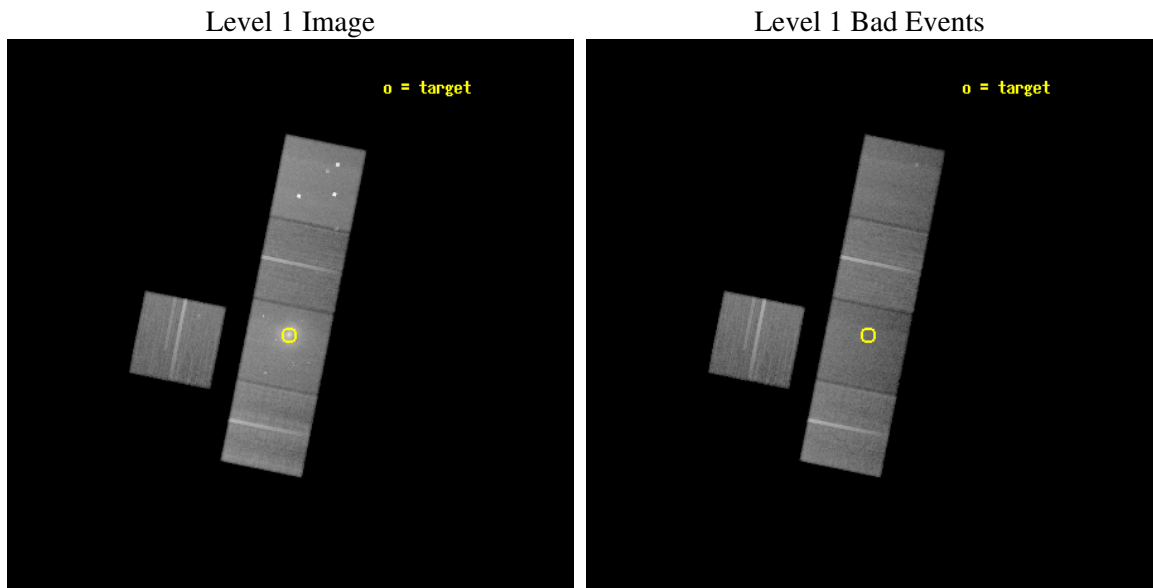
seq_num	600426
obs_id	5907
title	Stellar Mass Loss Versus External Accretion in the X-ray Bright Elliptical NGC 5813
observer	Dr. Craig Sarazin
object	NGC5813
dtcycle	0
cycle	P
ra_targ	225.297083
dec_targ	1.701972
ra_nom	225.29466168526
dec_nom	1.7225785575141
roll_nom	101.42930599397
revision	2
ontime	49038.899905711
livetime	48398.17057653
ontime3	49038.899905711
ontime5	49038.899905711
ontime6	49029.476954937
ontime7	49038.899905711
ontime8	49026.335905045
l2events	527554



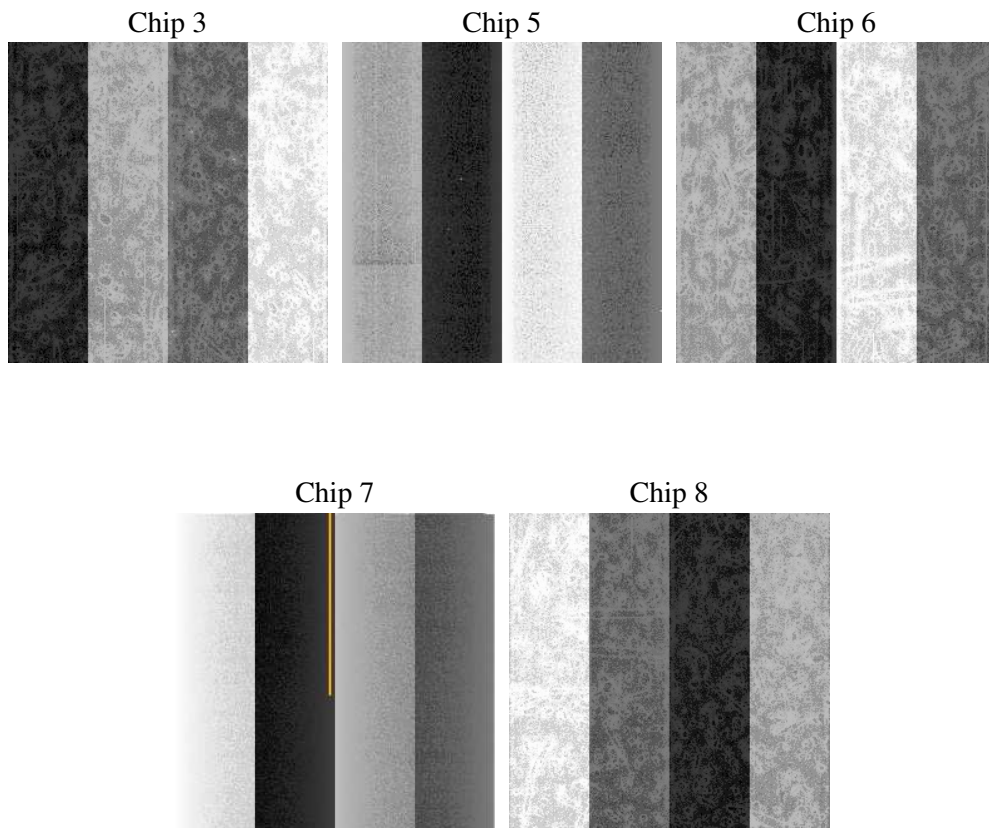
2 OBI

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	2006-03-17T23:17:31
revision	2

sched_exp_time	49000.000000
ontime	49043.771677583
ontime3	49043.771677583
ontime5	49043.771677583
ontime6	49034.348706871
ontime7	49043.771677583
ontime8	49031.20765698
l1events	1901735

2.1.4 Events

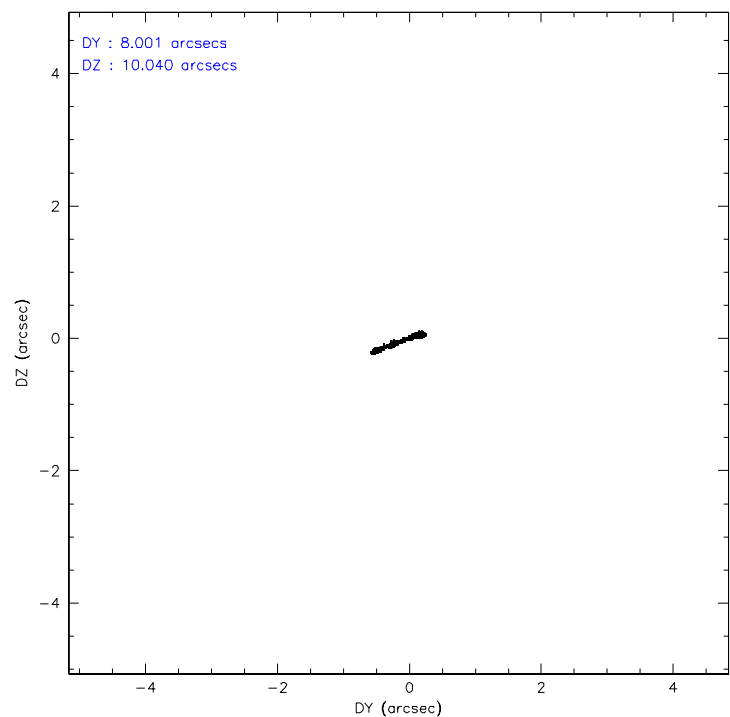
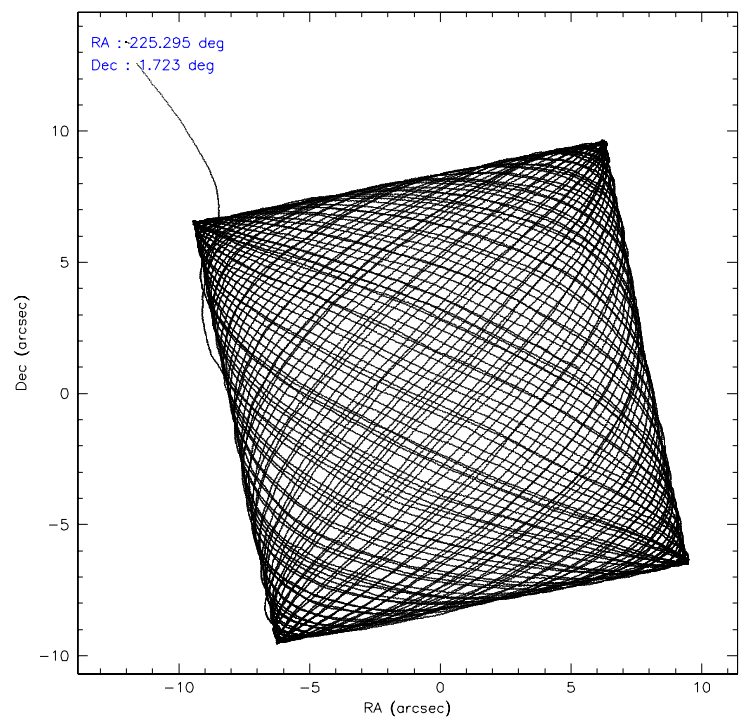
	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	299325	451055	313195	449569	388591
rejected events	269244	218962	276518	200698	295281
rejected %	89%	48%	88%	44%	75%

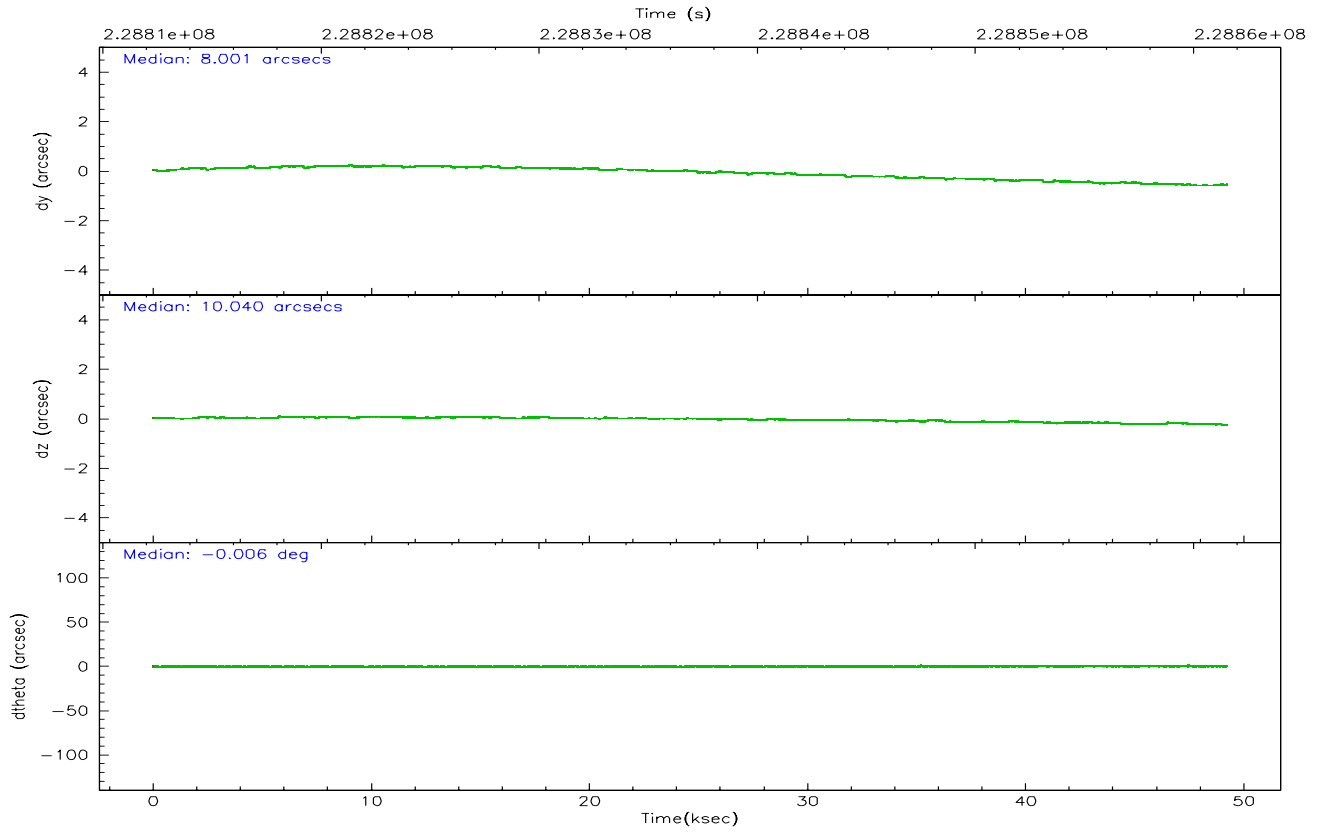
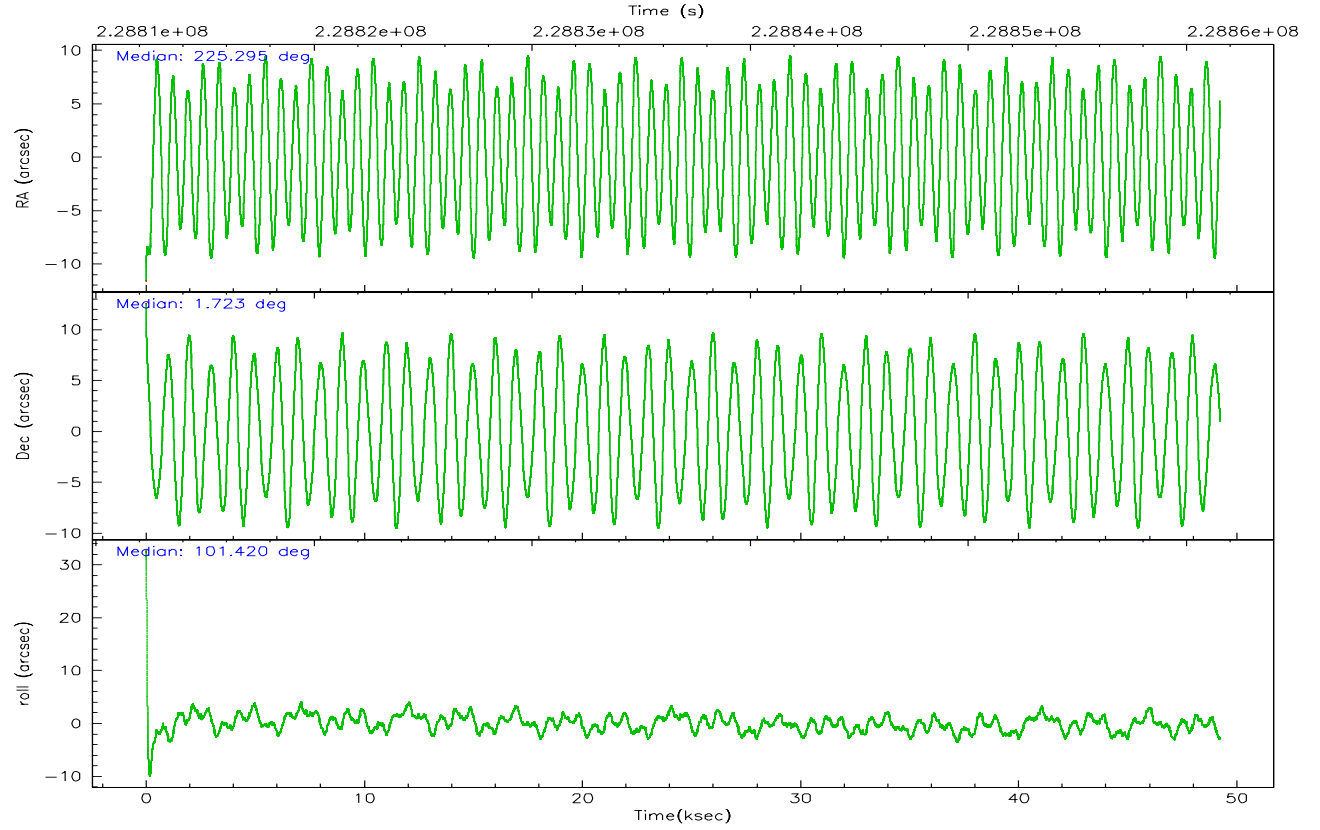
	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	11434	42150	15682	42927	29944
	3%	9%	5%	9%	7%
grade 1 events	170	725	164	221	292
	0%	0%	0%	0%	0%
grade 2 events	6239	67318	7214	65718	20253
	2%	14%	2%	14%	5%
grade 3 events	3377	5306	3627	20982	10020
	1%	1%	1%	4%	2%
grade 4 events	3310	5117	3508	20114	9491
	1%	1%	1%	4%	2%
grade 5 events	12261	22374	12408	26313	17729
	4%	4%	3%	5%	4%
grade 6 events	5724	112243	6653	99166	23607
	1%	24%	2%	22%	6%
grade 7 events	256810	195822	263939	174128	277255
	85%	43%	84%	38%	71%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-35678	ACIS-35678	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	225.312978	225.2946616852648	Alternating exposures requested	N	N
Pointing Dec	1.702425	1.722578557514129	Primary exposure time	0.000000	3.1
Pointing Roll	101.272121	101.4293059939716			
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	228812543.184000	228811523.0438			
Observation start date	2005-04-02T07:01:19	2005-04-02T06:45:23			
Observation end time	228861543.184000	228861861.30859			
Observation end date	2005-04-02T20:37:59	2005-04-02T20:44:21			
Read mode	TIMED	TIMED			

2.3 Aspect



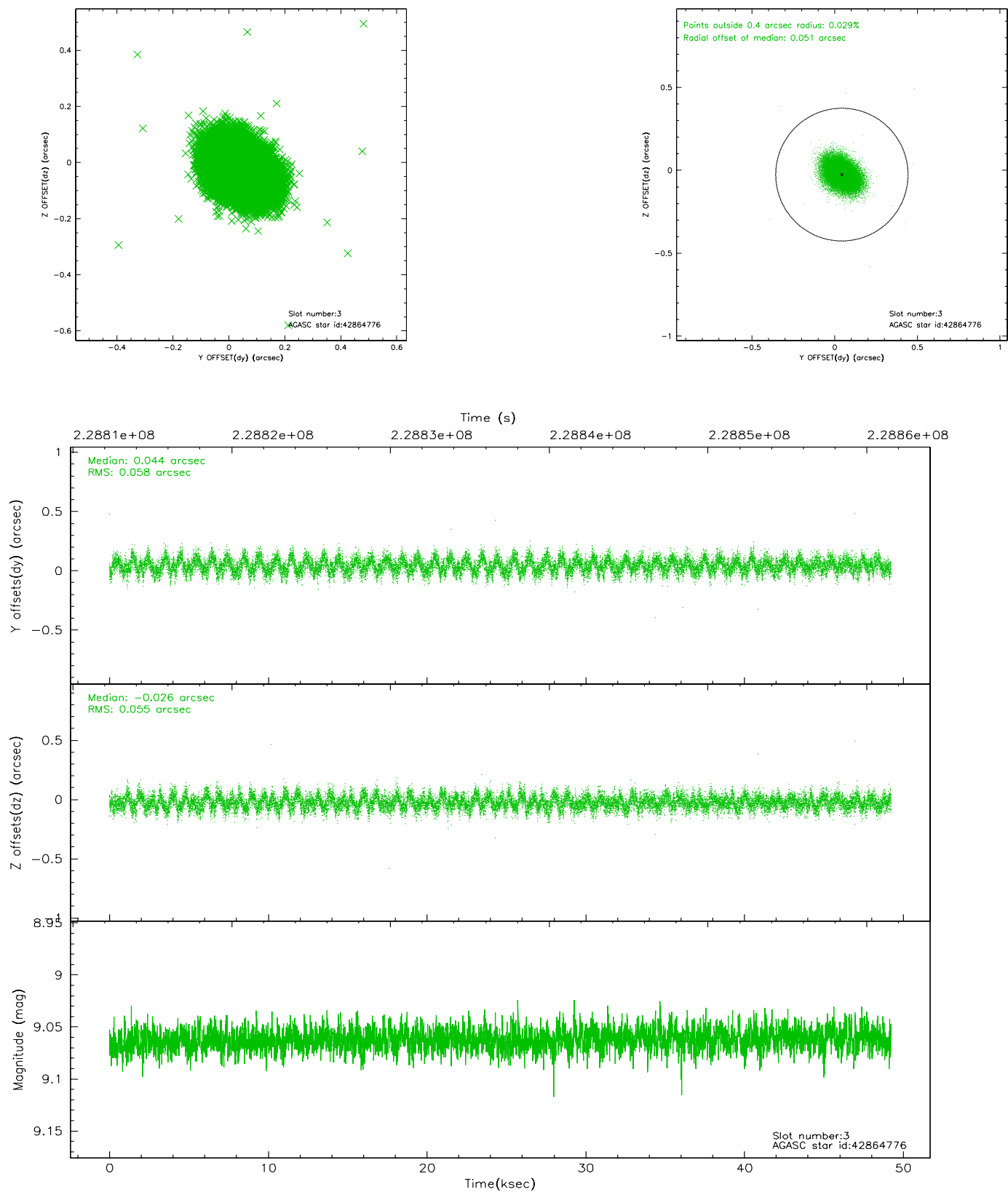


Slot Statistics

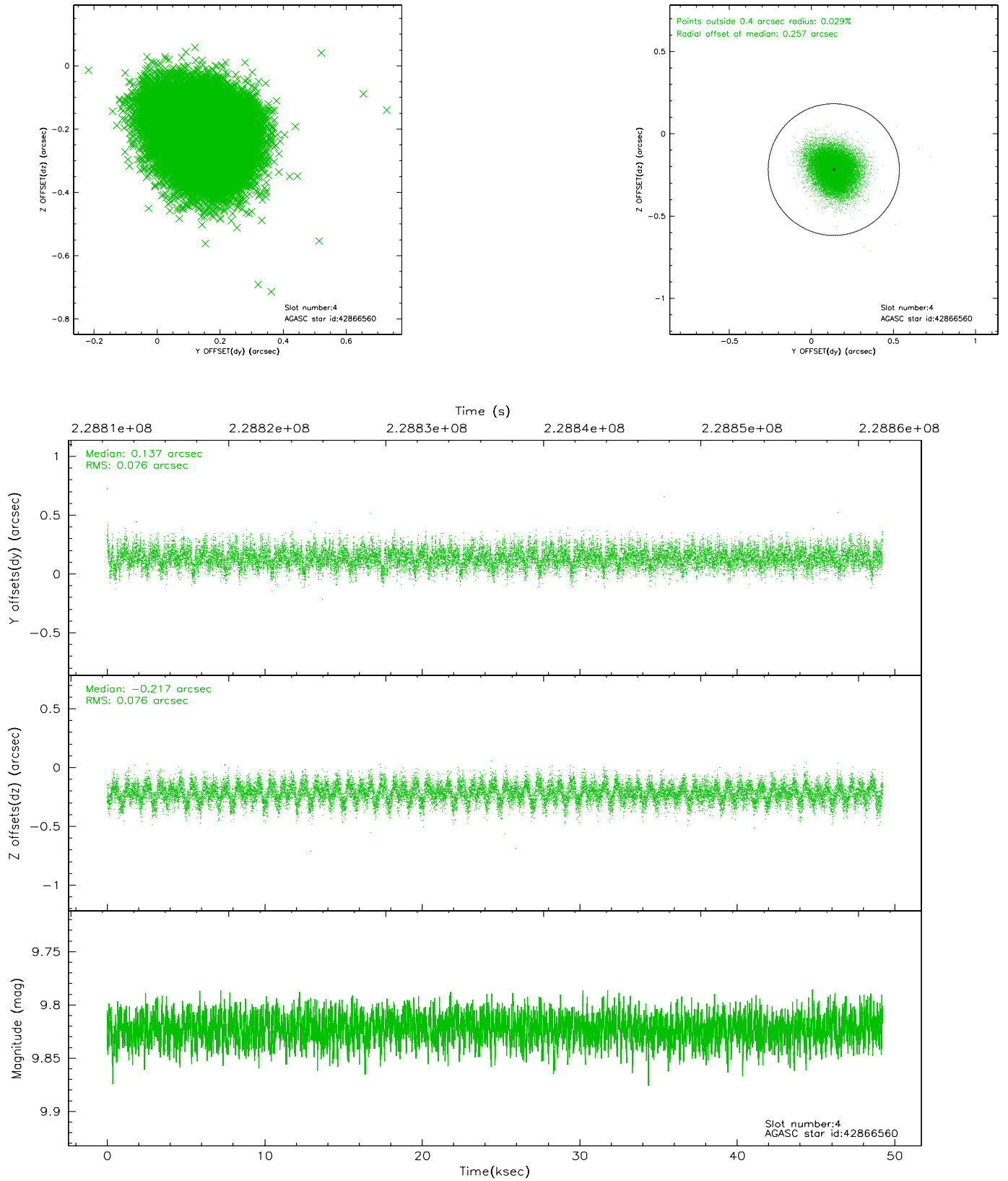
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.19	12012	0.007	-0.005	0.008	0.015	0.000000	0.000000	935.36	-1726.88
1	FID	ACIS-S-4	7.21	12012	0.054	0.005	0.012	0.021	0.000000	0.000000	2152.78	177.32
2	FID	ACIS-S-5	7.23	12010	-0.088	0.013	0.012	0.023	0.000000	0.000000	-1813.65	170.85
3	GUIDE	42864776	9.06	24011	0.044	-0.026	0.084	0.136	224.993302	1.618488	-71.88	1187.71
4	GUIDE	42866560	9.82	24000	0.137	-0.217	0.115	0.186	224.848820	1.191876	-1475.89	1997.47
5	GUIDE	42869600	9.44	24010	0.046	-0.107	0.120	0.187	224.875445	1.123032	-1737.84	1952.10
6	GUIDE	43778880	9.05	24009	0.059	0.086	0.089	0.140	225.720242	1.617889	-584.02	-1377.49
7	GUIDE	44304040	8.12	24009	-0.287	0.261	0.074	0.120	225.823407	2.372575	2007.67	-2271.55

2.4 Star Slots

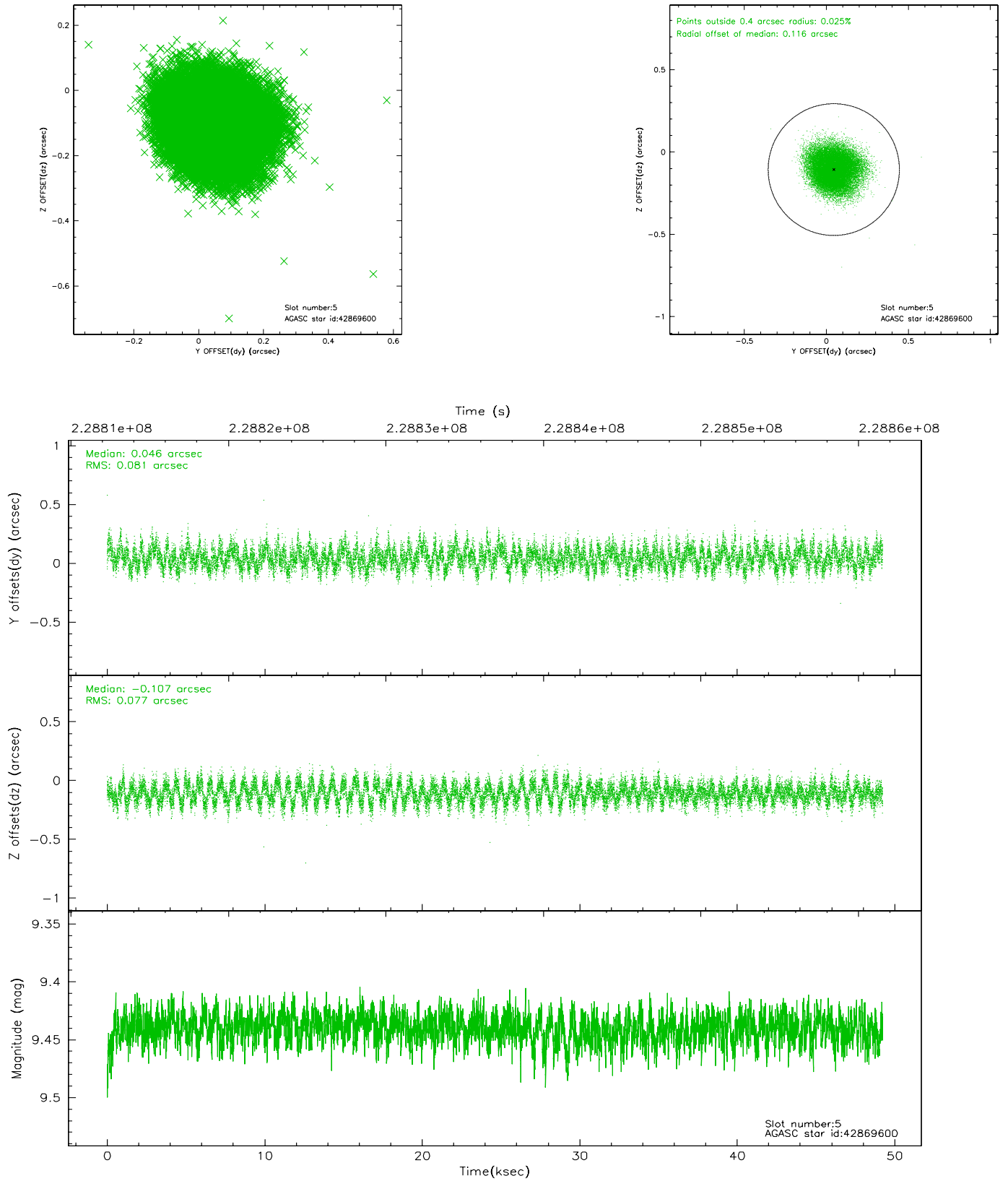
2.4.1 Slot 3



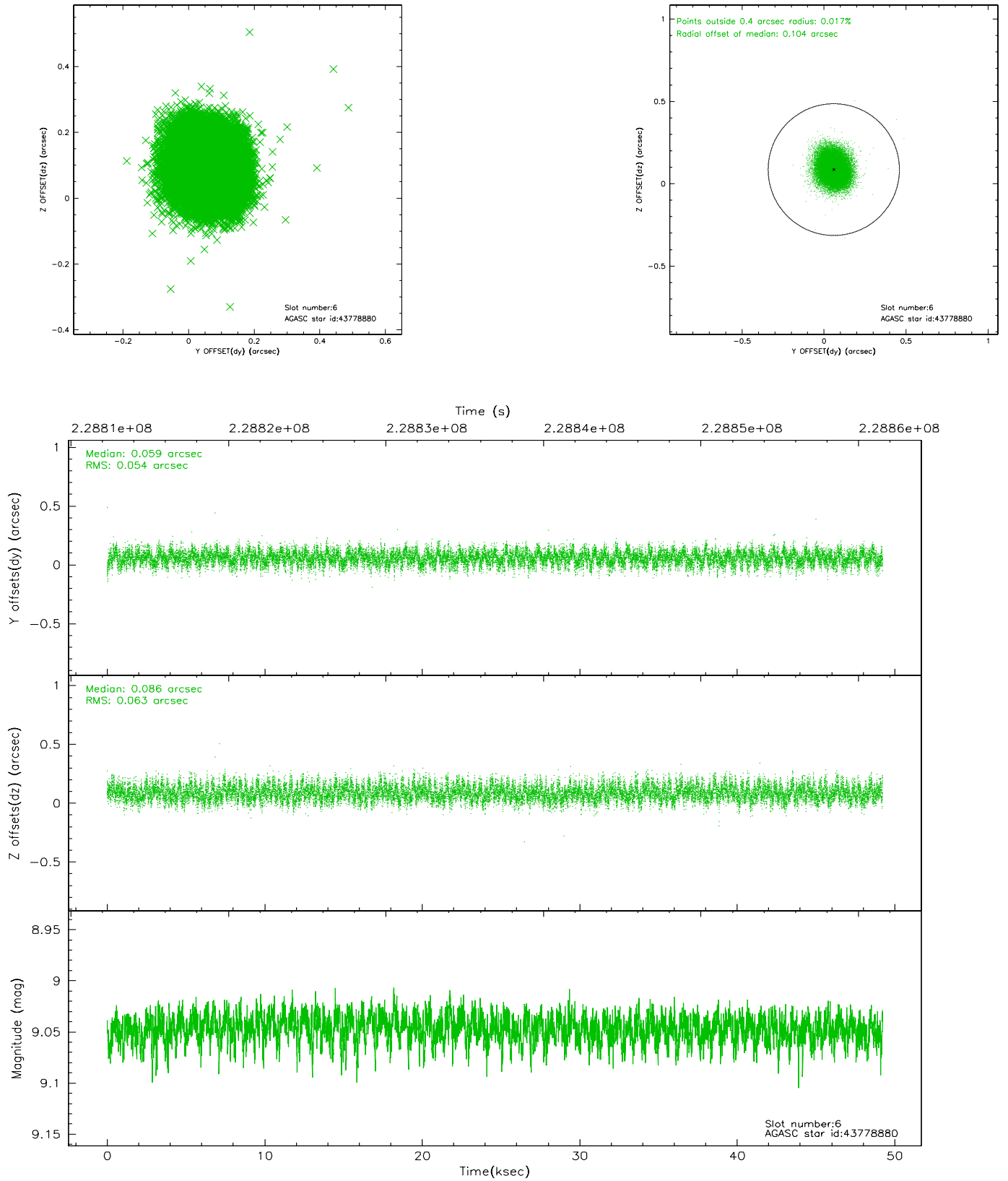
2.4.2 Slot 4



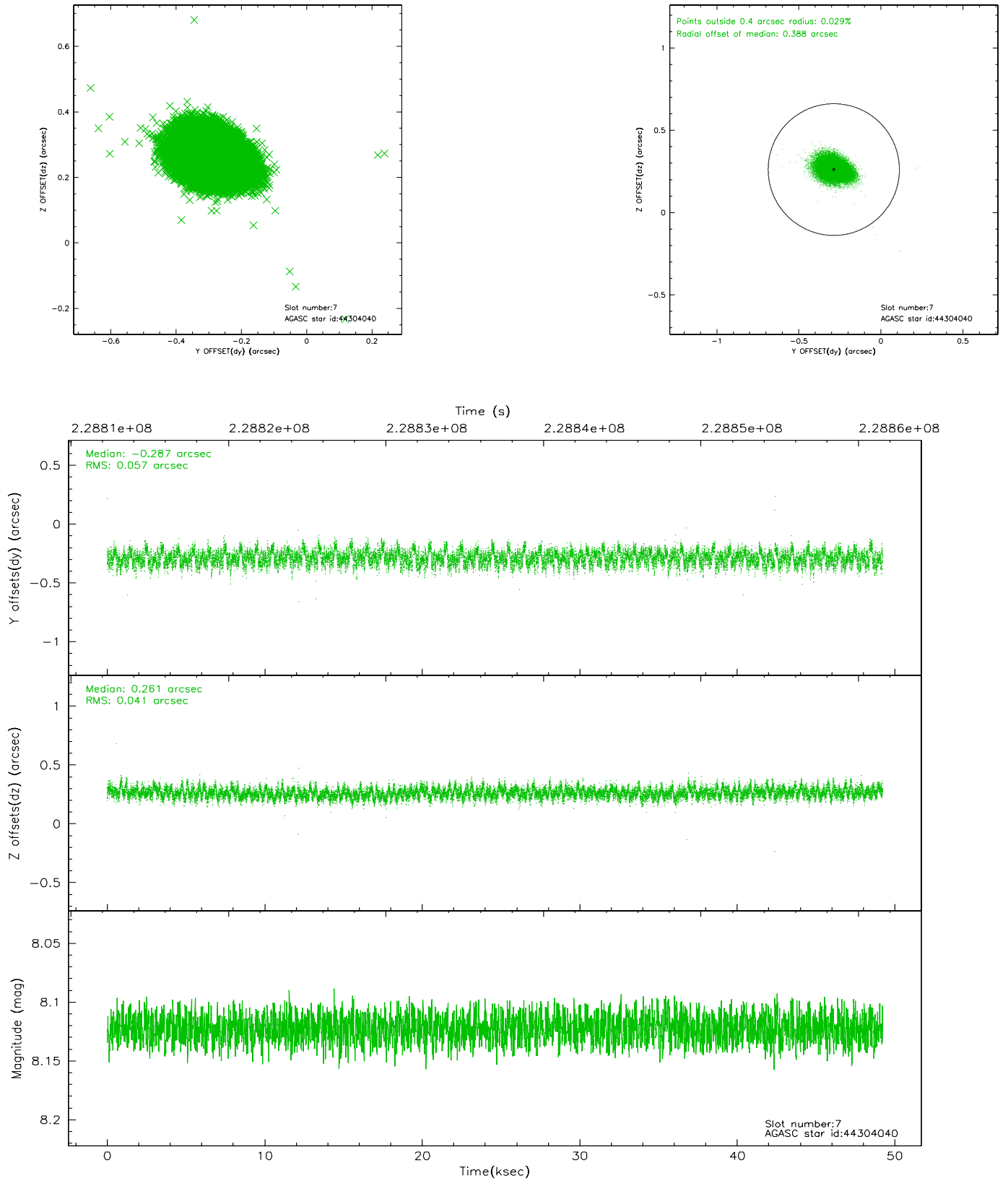
2.4.3 Slot 5



2.4.4 Slot 6

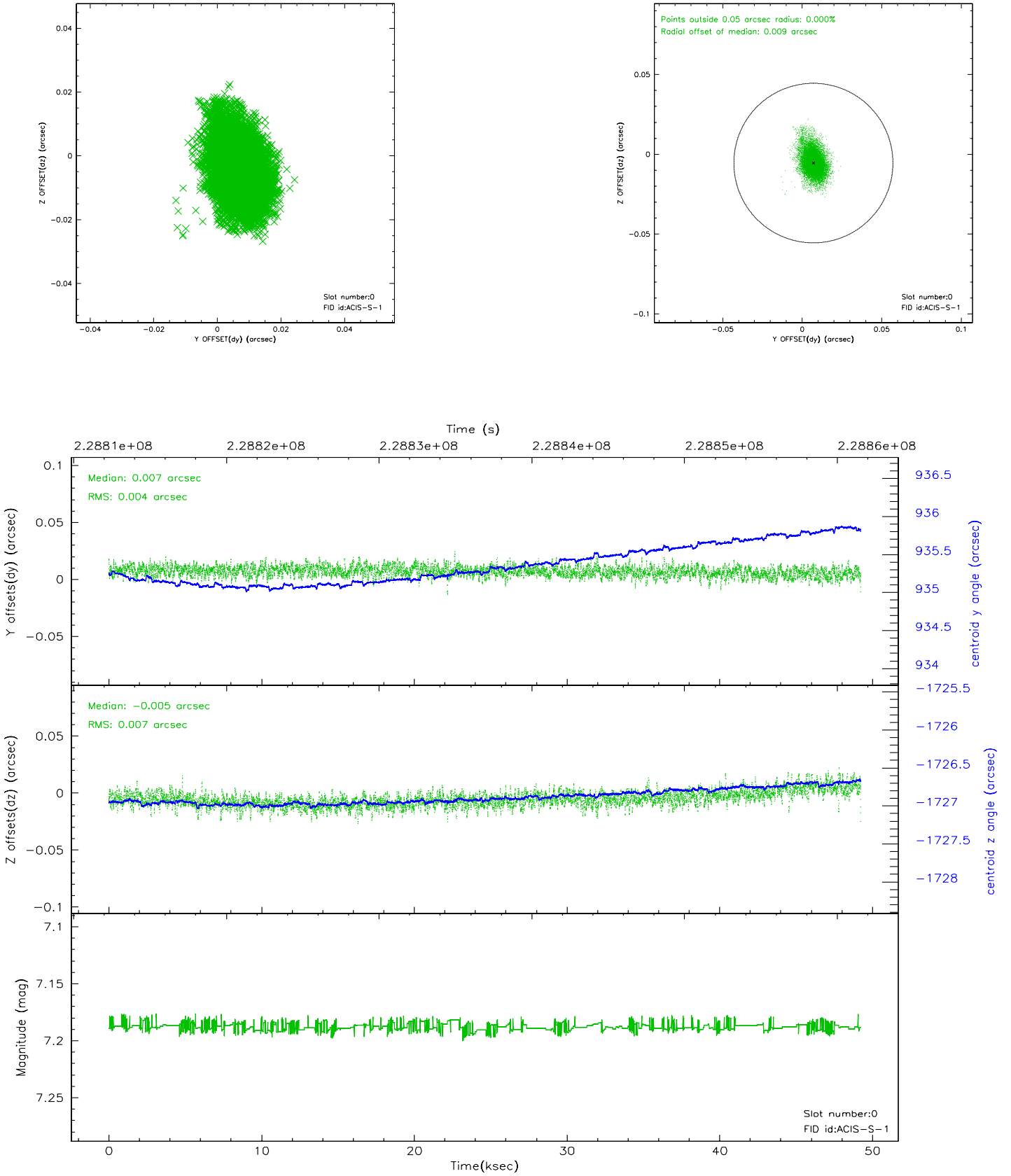


2.4.5 Slot 7

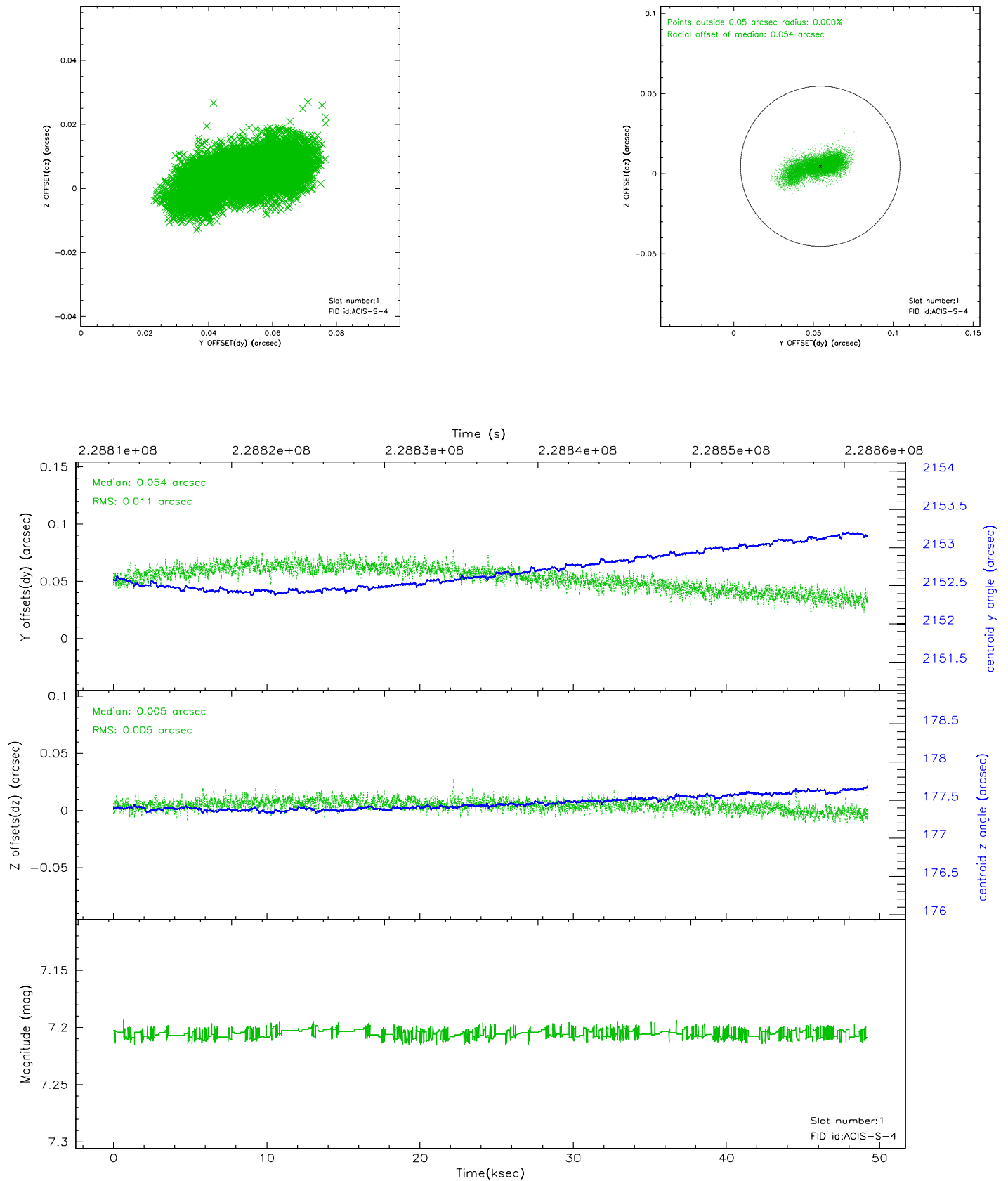


2.5 FID Slots

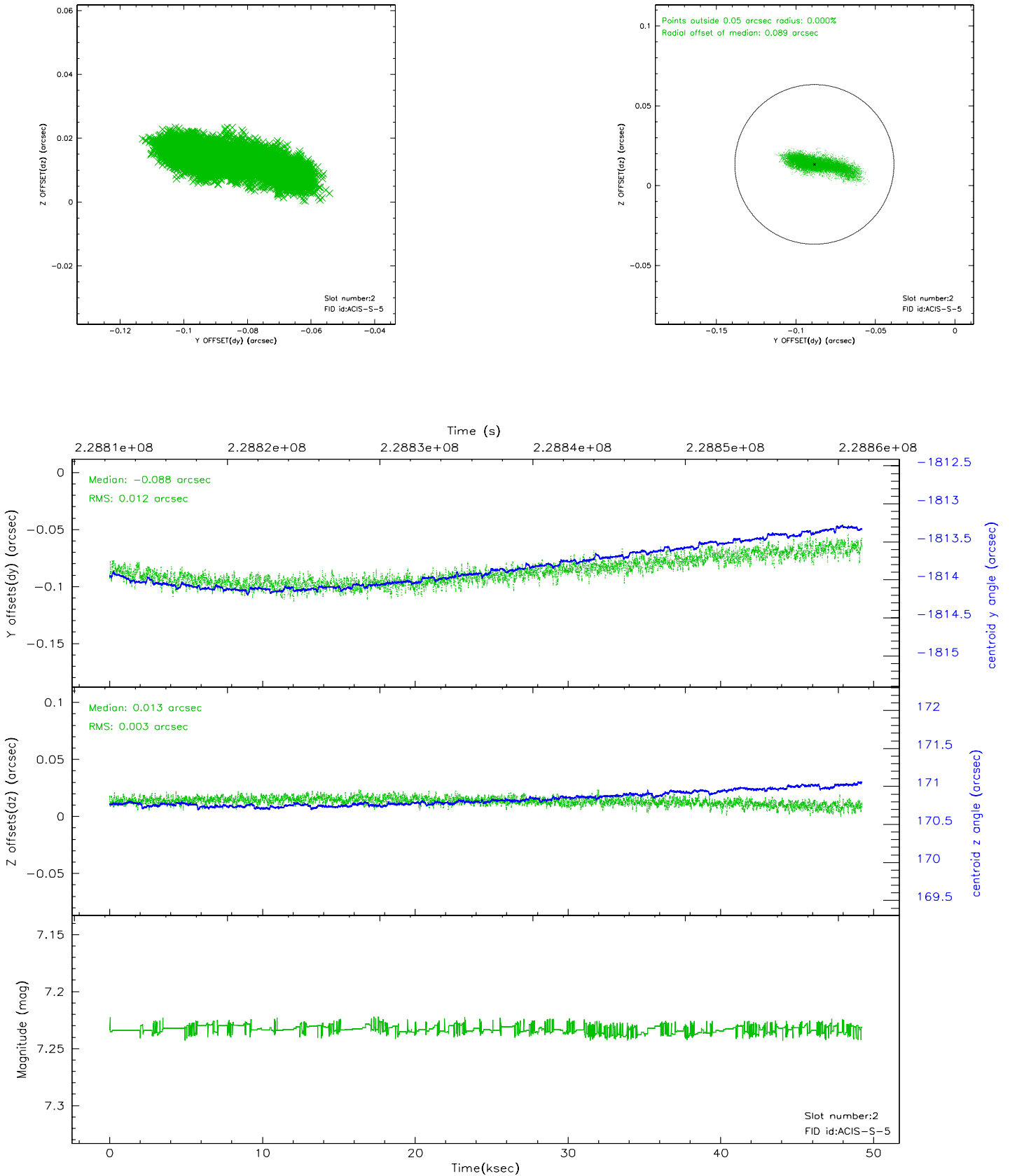
2.5.1 Slot 0



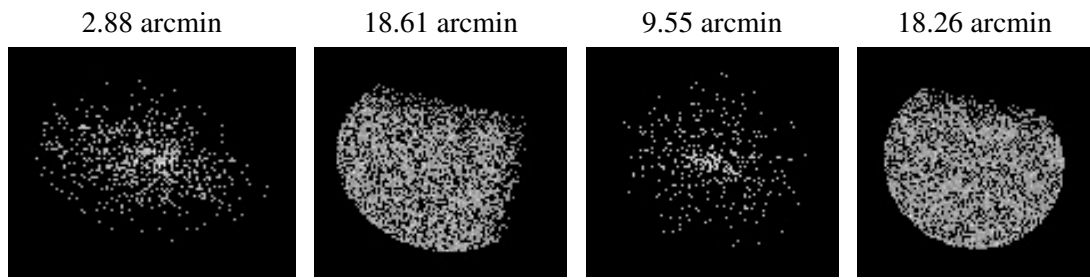
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.03.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	49.03889

A.2 Comments