

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 6345 - L2 Version 002
Chandra X-Ray Center

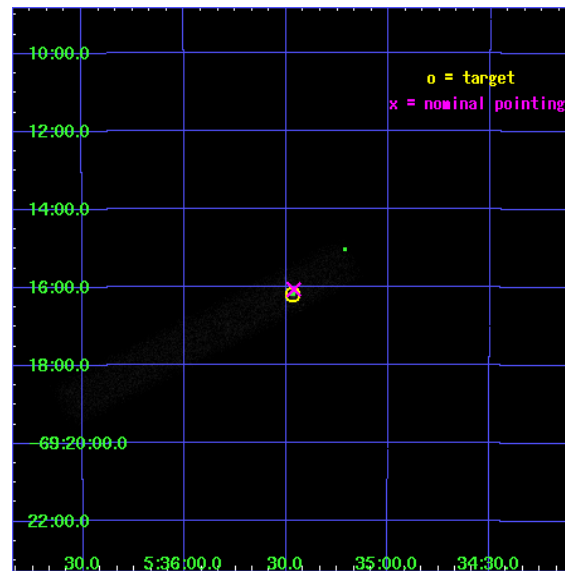
L2 Processing Date : Mar 14 2006

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1 Front

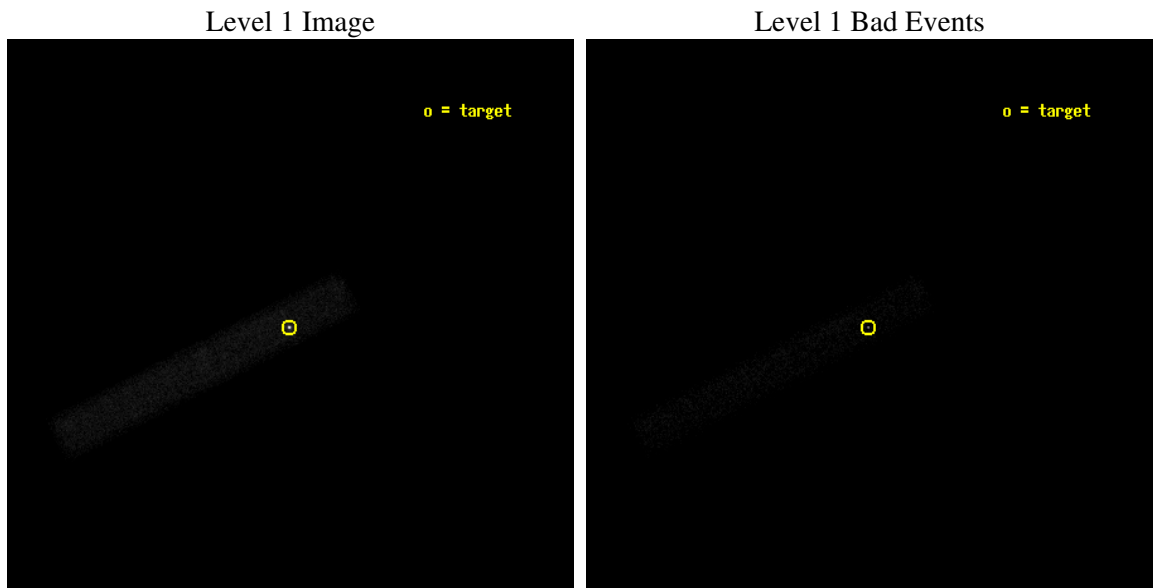
seq_num	500569
obs_id	6345
title	Chandra AO6 Monitoring Images of SNR1987A
observer	Dr. David Burrows
object	SNR1987A
dtcycle	0
cycle	P
ra_targ	83.866667
dec_targ	-69.26975
ra_nom	83.865682107947
dec_nom	-69.267722302546
roll_nom	153.1557000069
revision	2
ontime	23145.600344896
livetime	20991.837787862
ontime7	23145.600344896
l2events	28777



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	1
ascdsver	7.6.7.1
caldbver	3.2.1
date	2006-03-14T19:18:23
revision	2

sched_exp_time	23000.000000
ontime	23786.794348985
ontime7	23786.794348985
l1events	48390

2.1.4 Events

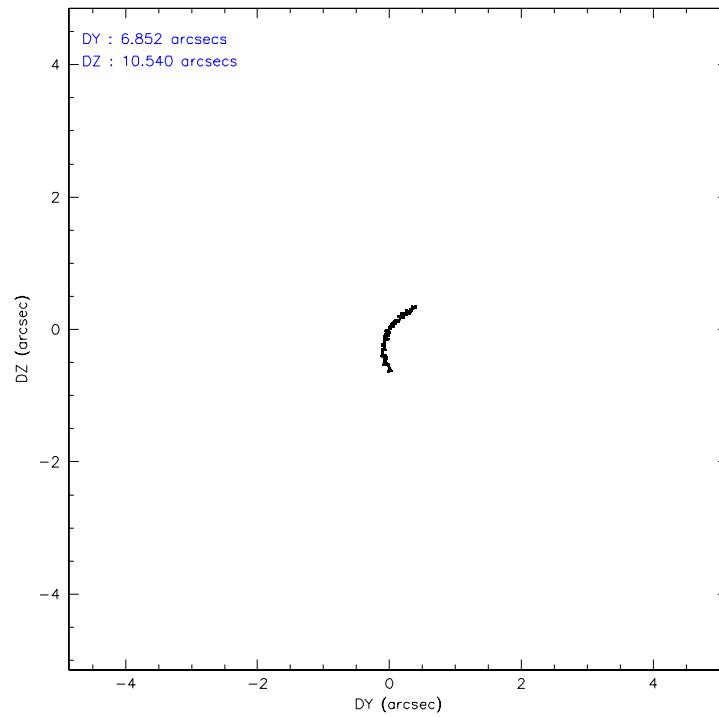
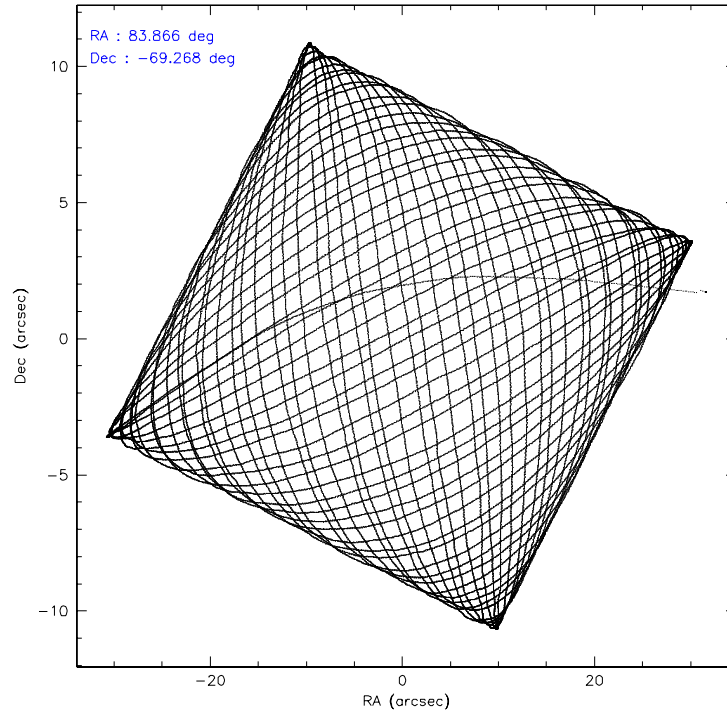
	ccd 7
level 1 events	48390
rejected events	19034
rejected %	39%

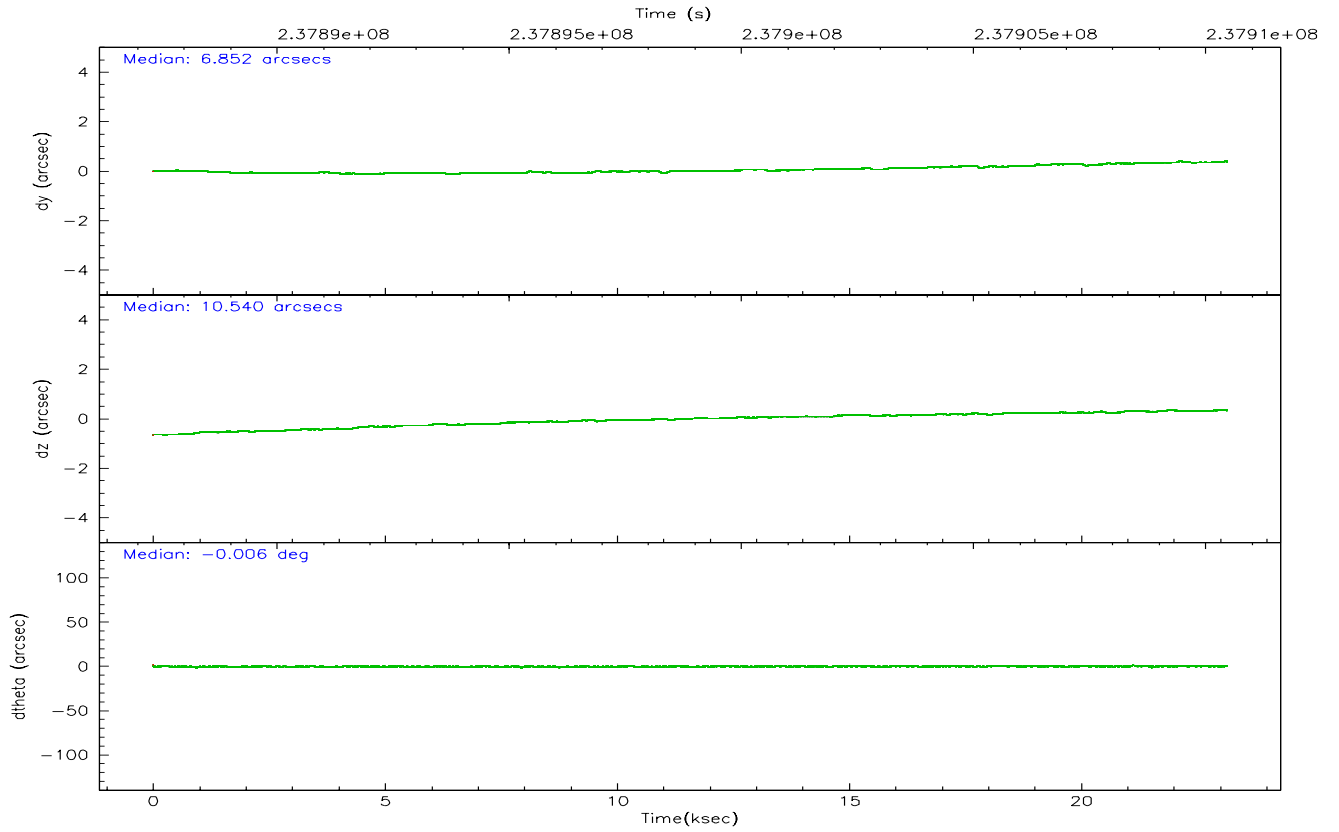
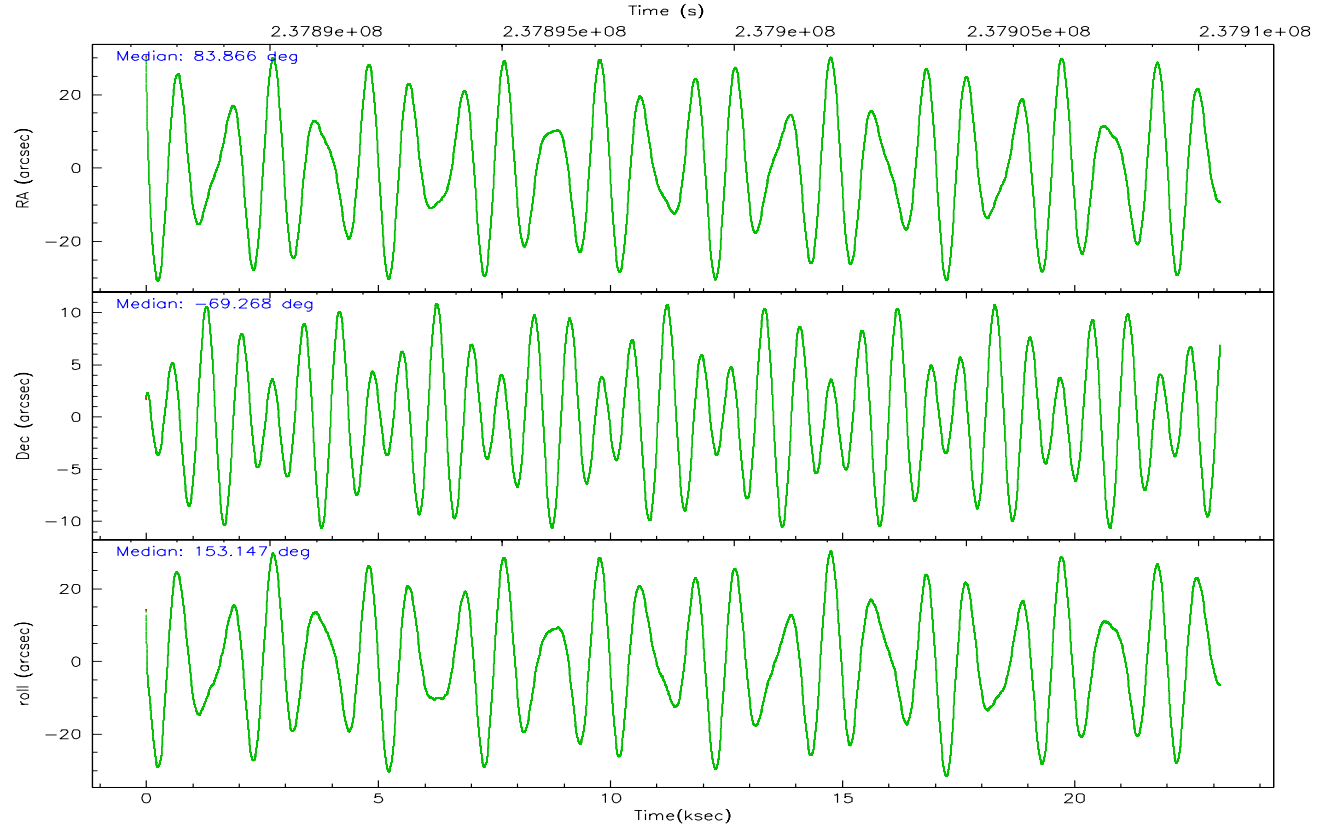
	ccd 7
grade 0 events	5683
	11%
grade 1 events	116
	0%
grade 2 events	7647
	15%
grade 3 events	3163
	6%
grade 4 events	3218
	6%
grade 5 events	2519
	5%
grade 6 events	10131
	20%
grade 7 events	15913
	32%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-7	ACIS-7	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	1/8	1/8
Pointing RA	83.942415	83.86568210794724	Subarray start row	0	449
Pointing Dec	-69.265824	-69.2677223025463	Subarray row count	1024	128
Pointing Roll	153.070847	153.1557000068961	Alternating exposures requested	N	N
SIM focus pos (mm)	-0.684267	-0.6828225247311905	Primary exposure time	0.000000	0.4
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	237887467.184000	237886488.0575			
Observation start date	2005-07-16T07:50:03	2005-07-16T07:34:48			
Observation end time	237910467.184000	237911412.47114			
Observation end date	2005-07-16T14:13:23	2005-07-16T14:30:12			
Read mode	TIMED	TIMED			

2.3 Aspect



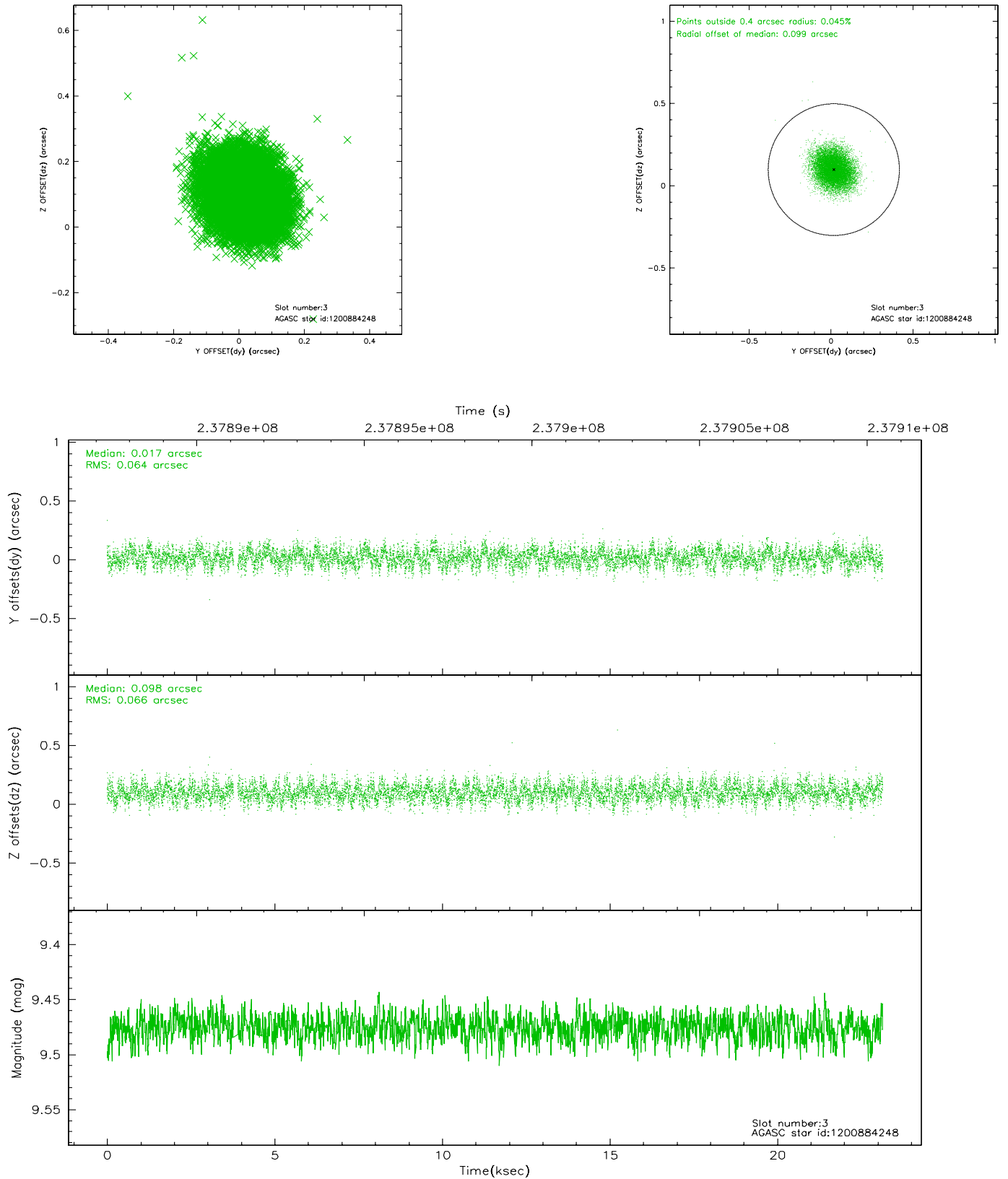


Slot Statistics

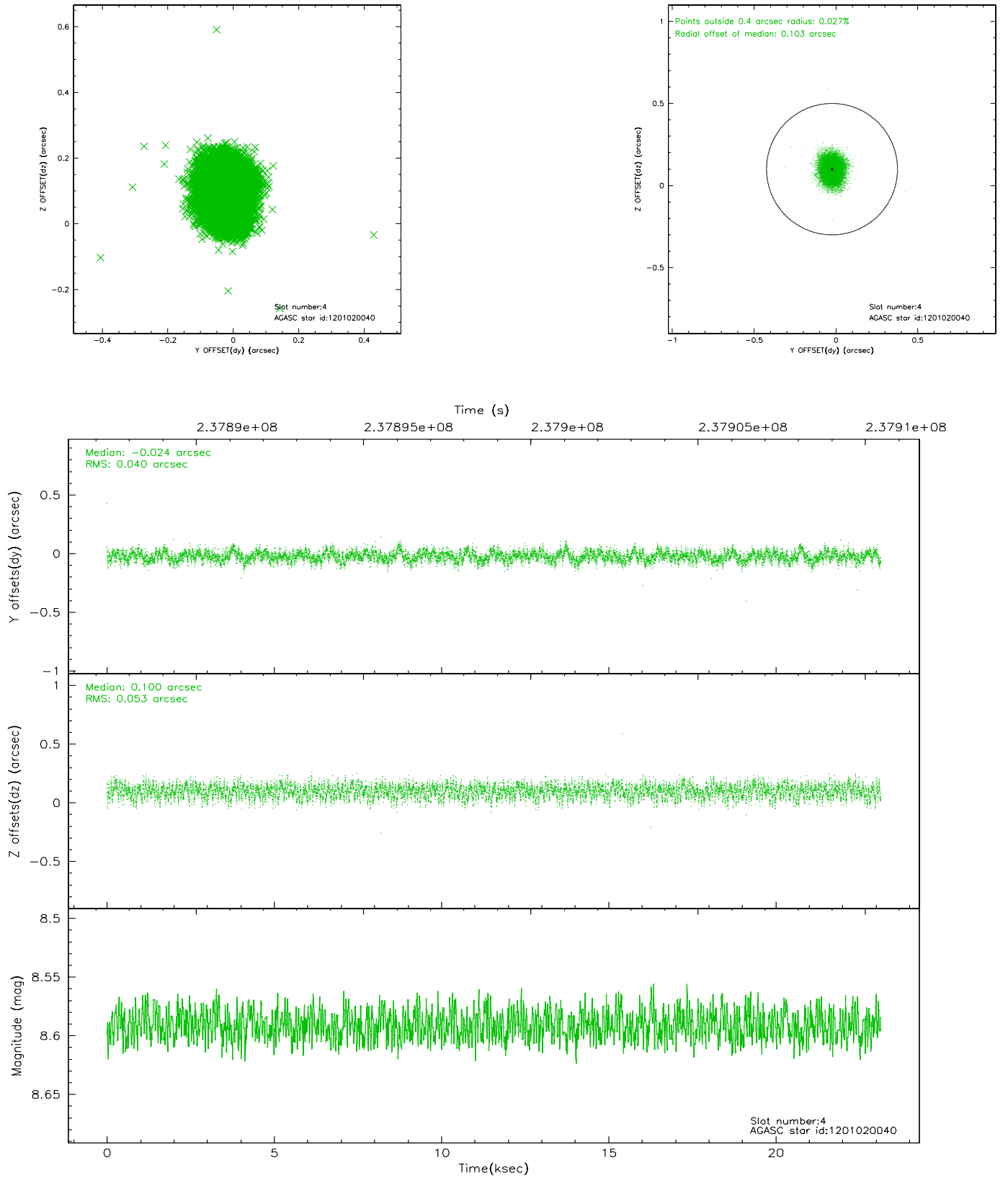
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.18	5646	-0.009	-0.031	0.020	0.033	0.000000	0.000000	936.37	-1727.40
1	FID	ACIS-S-4	7.21	5645	0.043	0.031	0.012	0.023	0.000000	0.000000	2153.89	176.68
2	FID	ACIS-S-5	7.23	5646	-0.061	0.013	0.010	0.017	0.000000	0.000000	-1812.39	170.38
3	GUIDE	1200884248	9.48	11227	0.017	0.098	0.099	0.155	83.880915	-68.565170	1214.93	-2211.60
4	GUIDE	1201020040	8.59	11290	-0.024	0.100	0.071	0.112	85.379163	-68.879396	-1040.82	-2064.68
5	GUIDE	1201542672	8.20	11289	0.030	-0.137	0.065	0.109	84.492488	-69.957531	-1734.32	1914.40
6	GUIDE	1201019672	6.83	11292	-0.096	0.007	0.044	0.070	85.312192	-68.770187	-792.57	-2381.21
7	GUIDE	1201540776	9.59	11256	0.071	-0.067	0.103	0.170	85.107945	-69.858480	-2260.64	1260.03

2.4 Star Slots

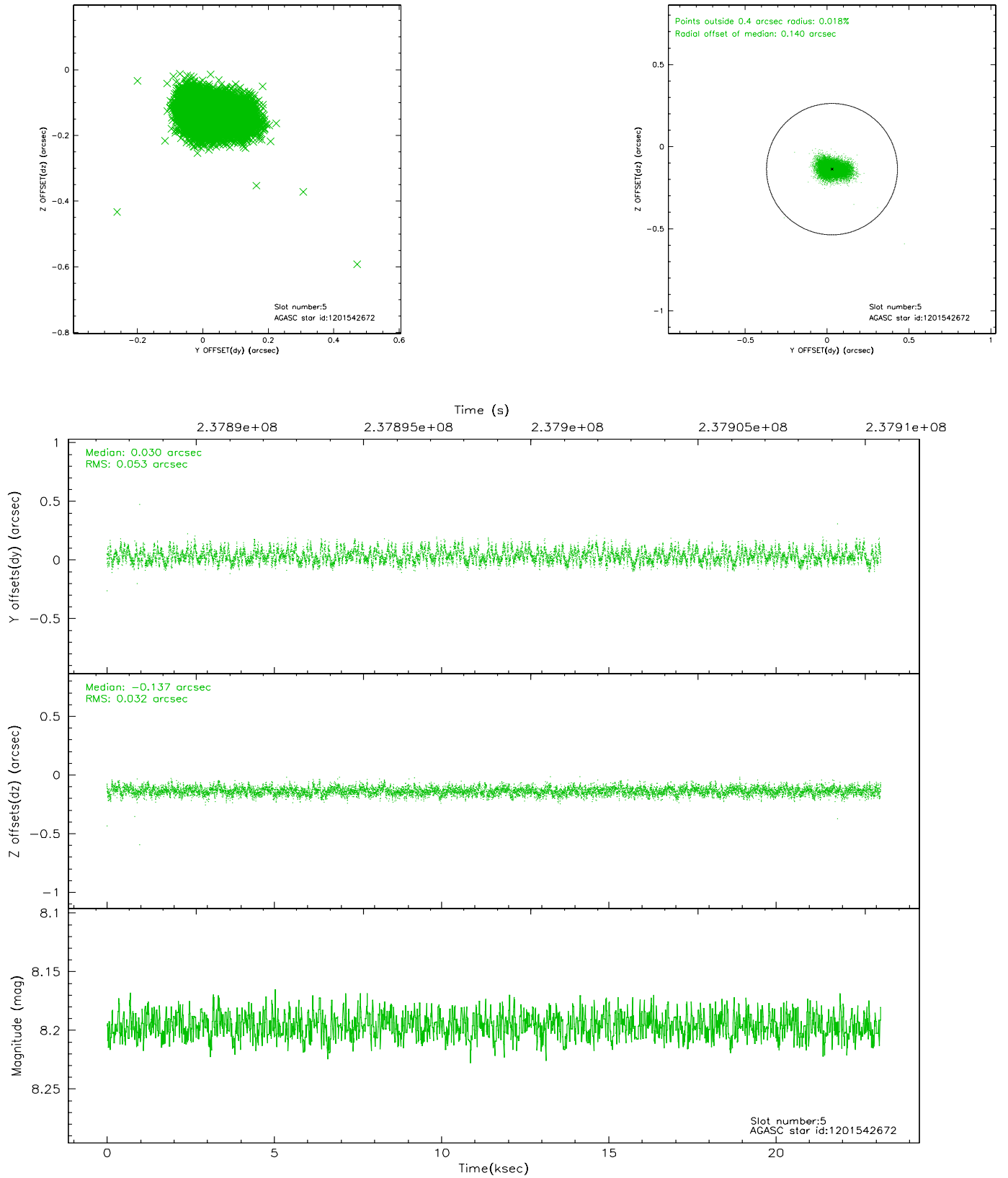
2.4.1 Slot 3



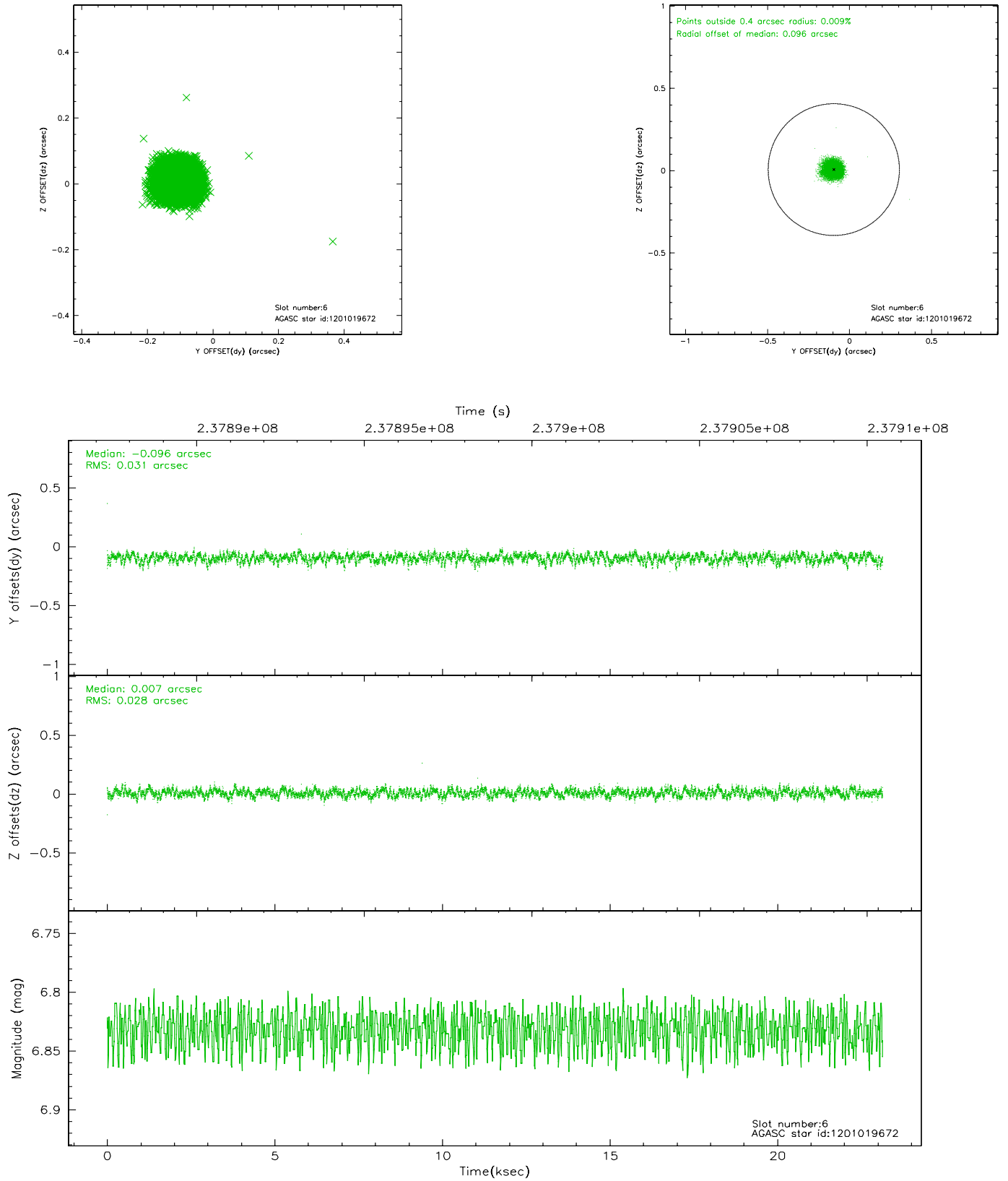
2.4.2 Slot 4



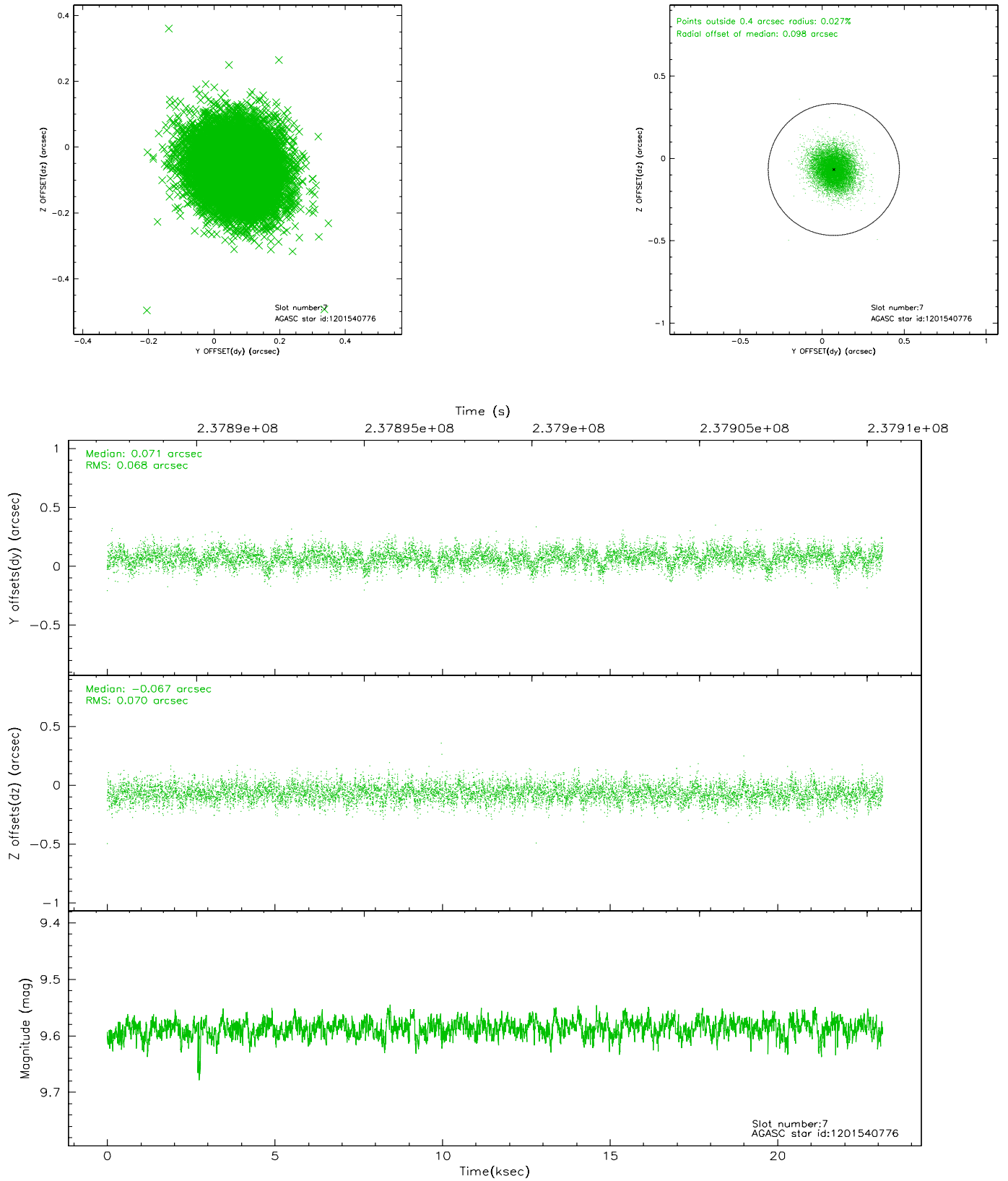
2.4.3 Slot 5



2.4.4 Slot 6

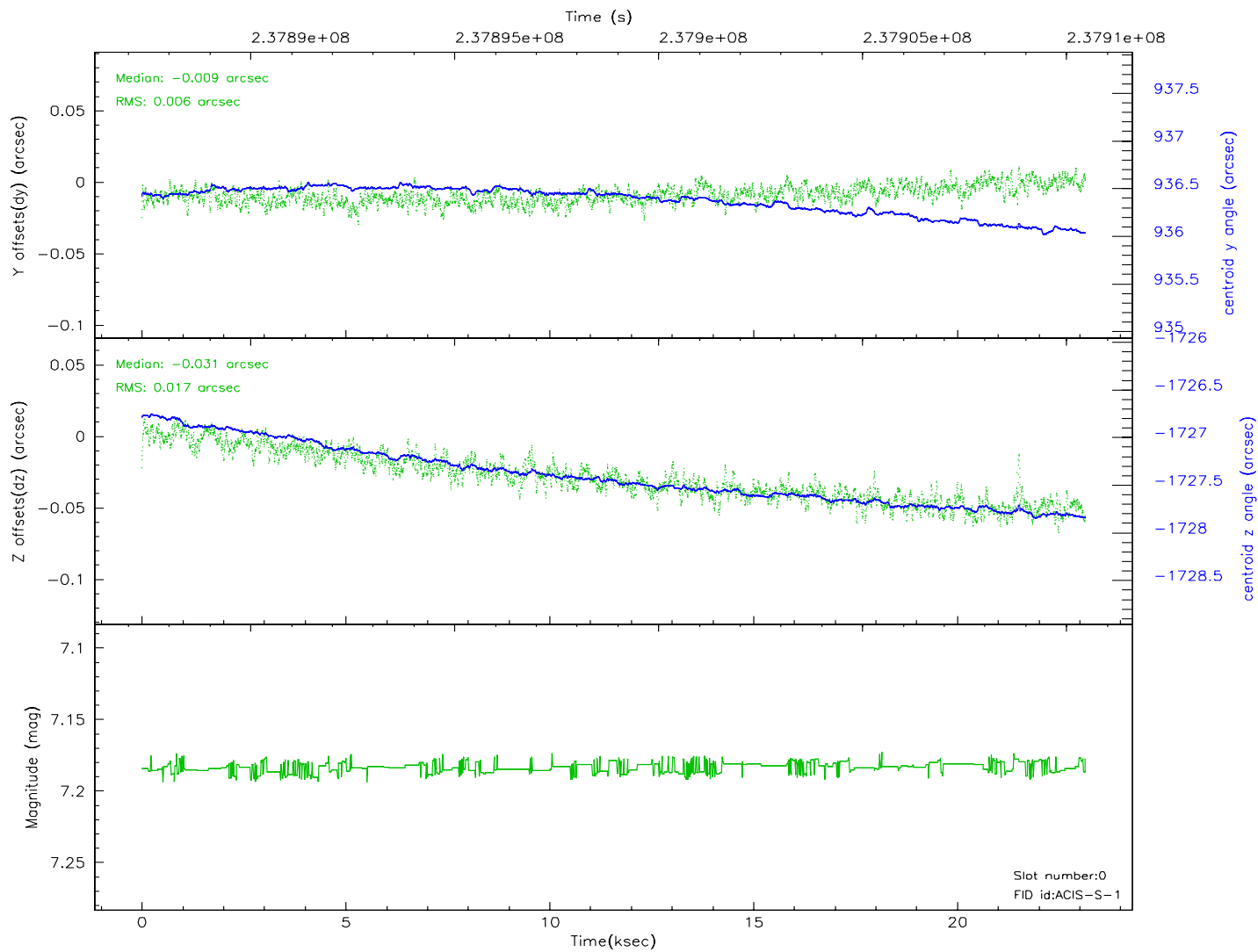
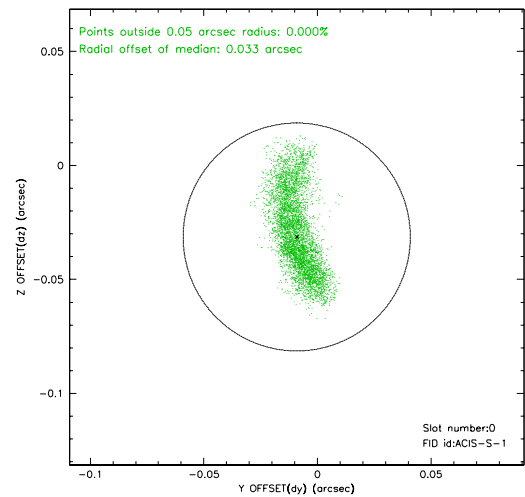
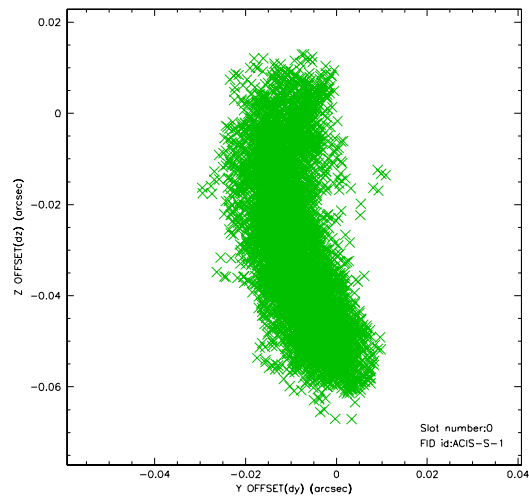


2.4.5 Slot 7

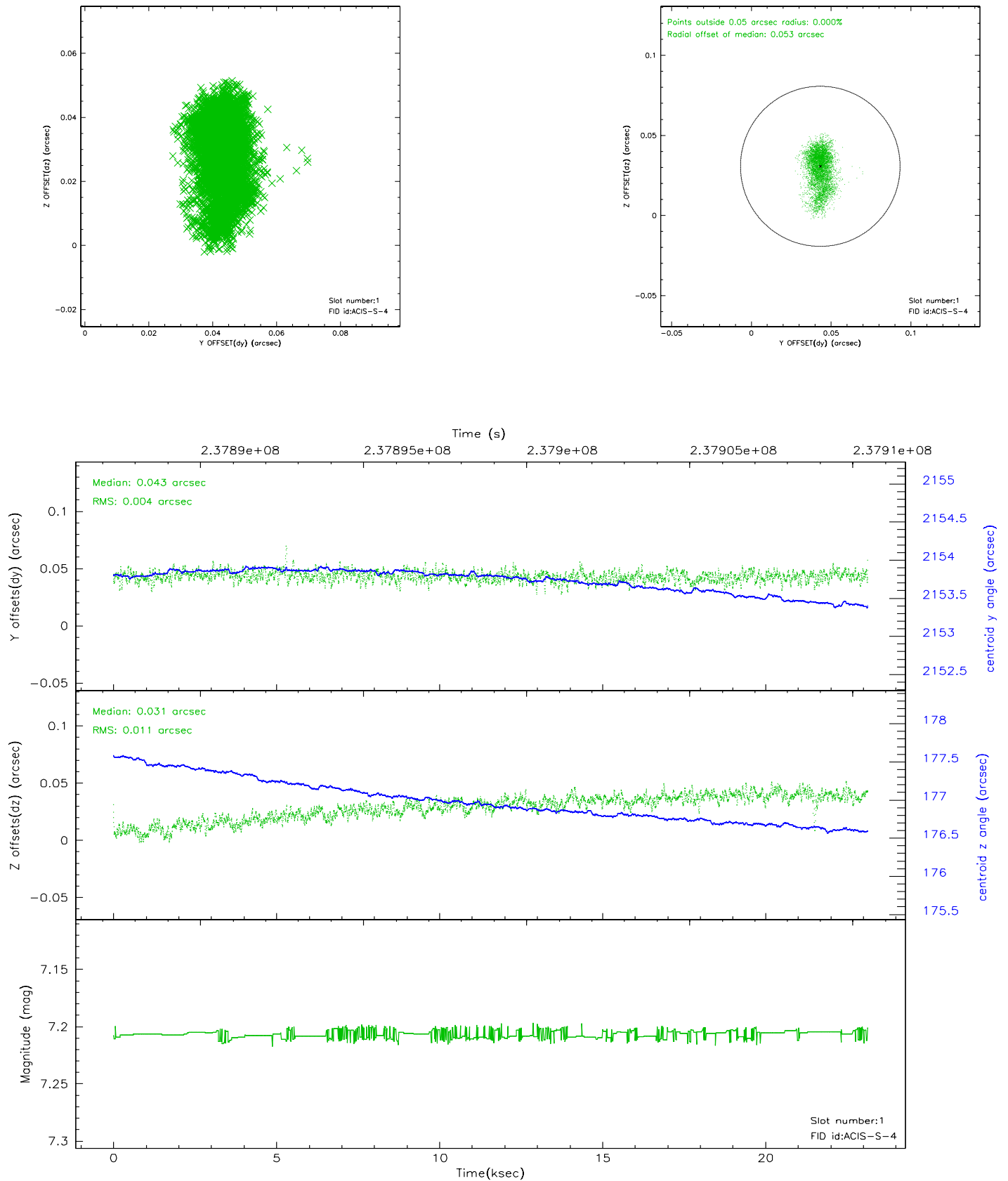


2.5 FID Slots

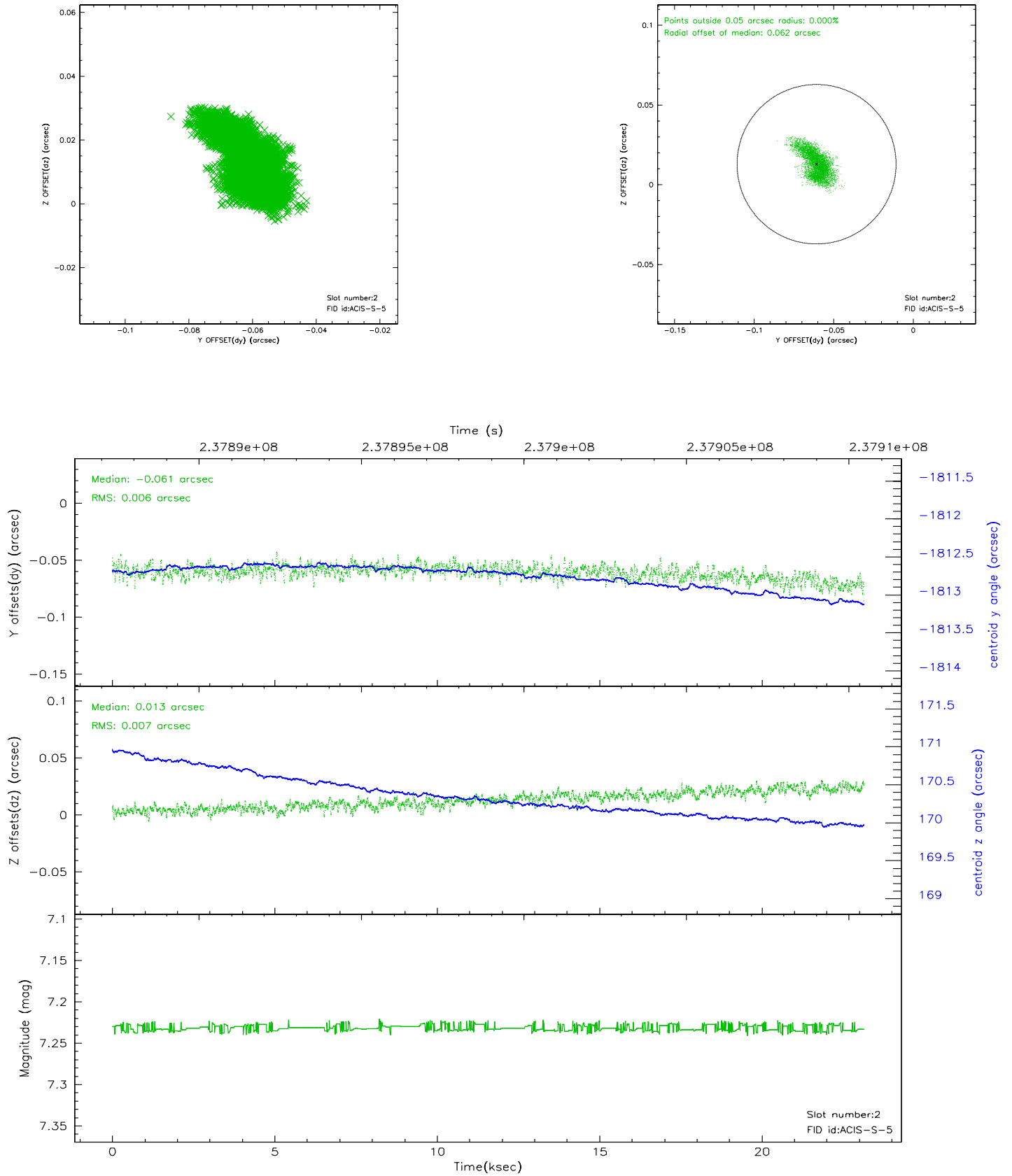
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.03.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	23.1456

A.2 Comments