

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 5638 - L2 Version 003
Chandra X-Ray Center

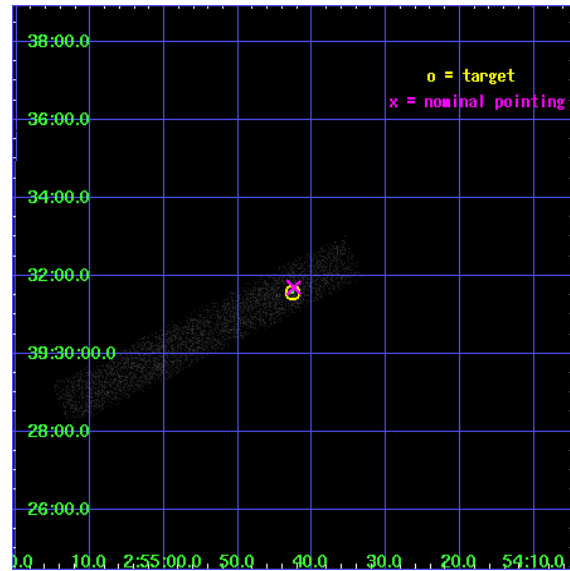
L2 Processing Date : Apr 3 2006

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1 Front

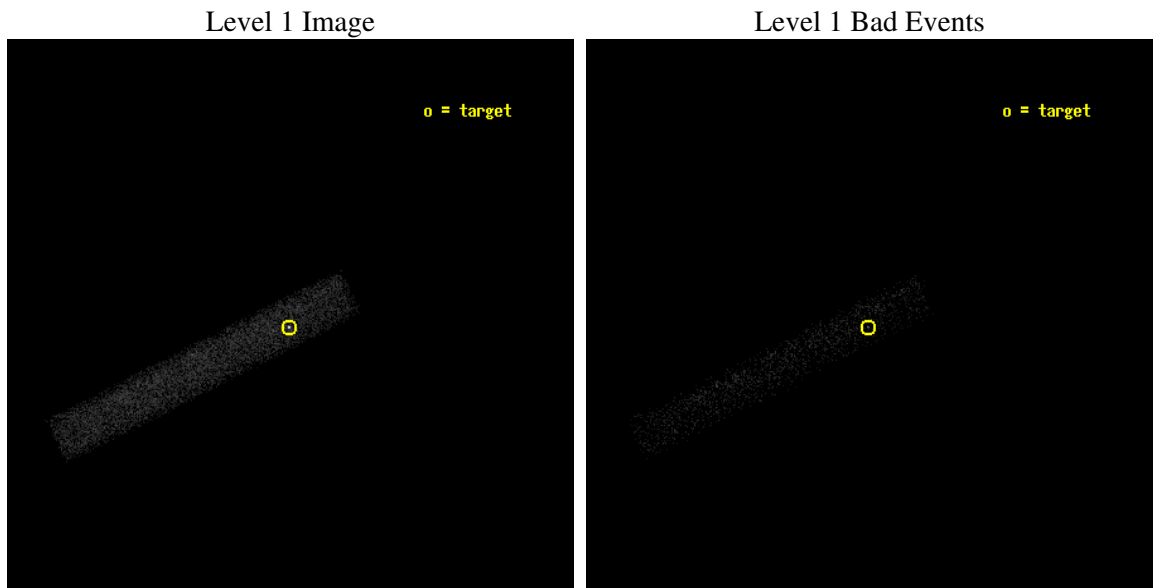
seq_num	701061
obs_id	5638
title	The Extended X-ray Structure of a New Population of Blazars
observer	Dr. Hermine Landt
object	RGBJ0254+3931
dtcycle	0
cycle	P
ra_targ	43.6775
dec_targ	39.526333
ra_nom	43.676993578522
dec_nom	39.528333272959
roll_nom	153.20525264469
revision	3
ontime	9687.2001443505
livetime	8785.7791985766
ontime7	9687.2001443505
l2events	7448



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	2006-04-03T12:53:52
revision	3

sched_exp_time	9500.000000
ontime	10708.812783509
ontime7	10708.812783509
l1events	16995

2.1.4 Events

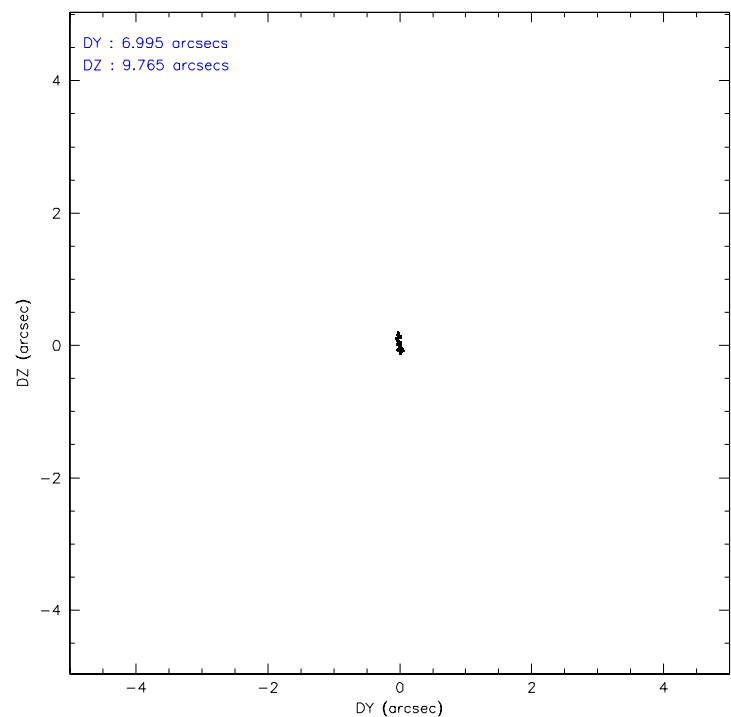
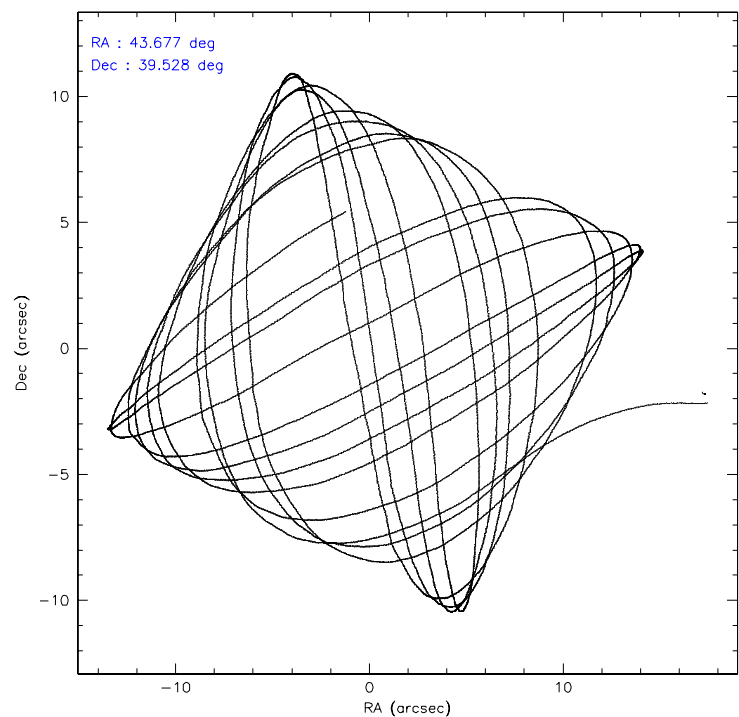
	ccd 7
level 1 events	16995
rejected events	9277
rejected %	54%

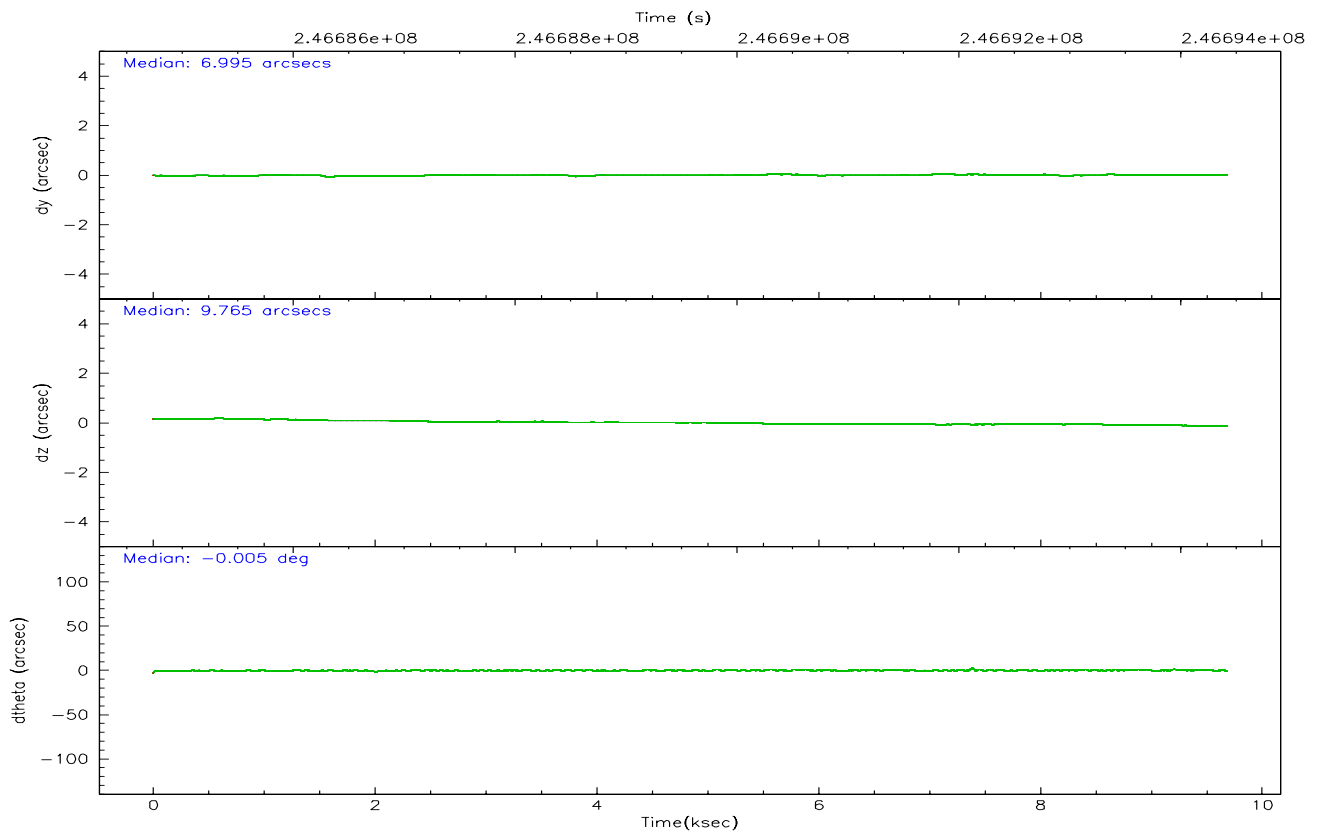
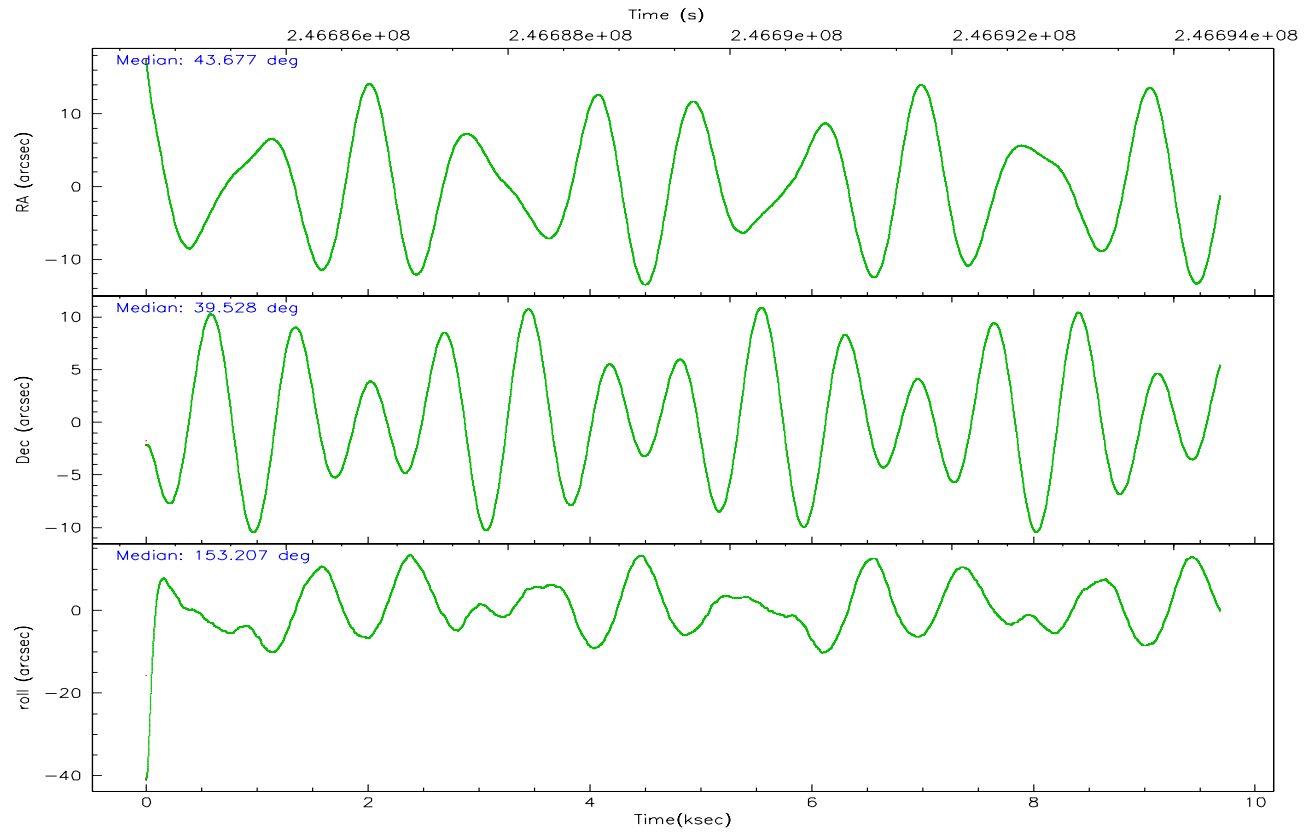
	ccd 7
grade 0 events	947
	5%
grade 1 events	11
	0%
grade 2 events	1984
	11%
grade 3 events	903
	5%
grade 4 events	827
	4%
grade 5 events	1132
	6%
grade 6 events	3727
	21%
grade 7 events	7464
	43%

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	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	1/8	1/8
Pointing RA	43.712271	43.67699357852236	Subarray start row	0	449
Pointing Dec	39.530275	39.52833327295866	Subarray row count	1024	128
Pointing Roll	153.026221	153.2052526446932	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	-190.1425803651734			
SIM translation stage offset (mm)	0	0.01005778216563158			
Observation start time	246684920.184000	246683711.8865			
Observation start date	2005-10-26T03:34:16	2005-10-26T03:15:11			
Observation end time	246694420.184000	246695816.62455			
Observation end date	2005-10-26T06:12:36	2005-10-26T06:36:56			
Read mode	TIMED	TIMED			

2.3 Aspect



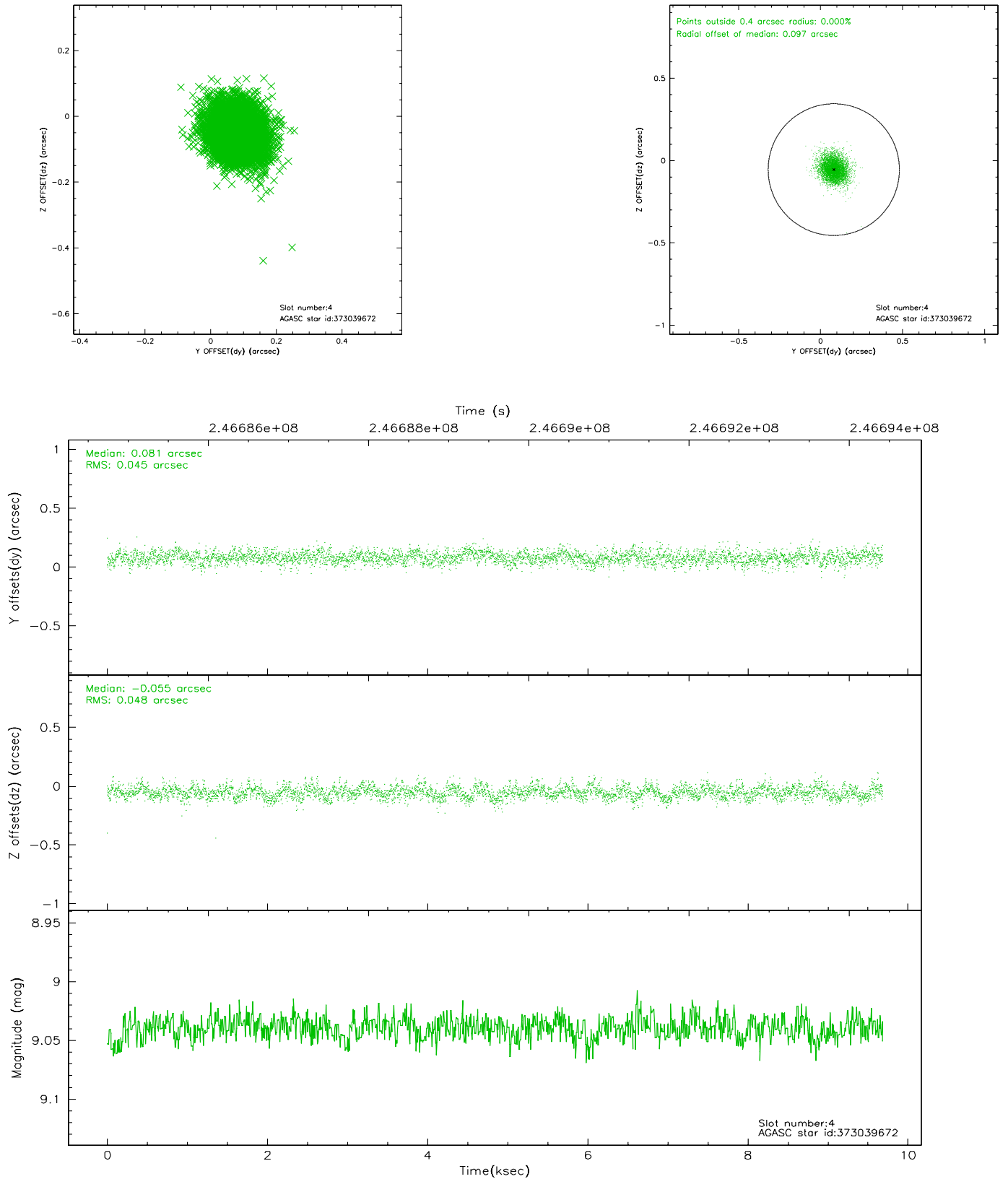


Slot Statistics

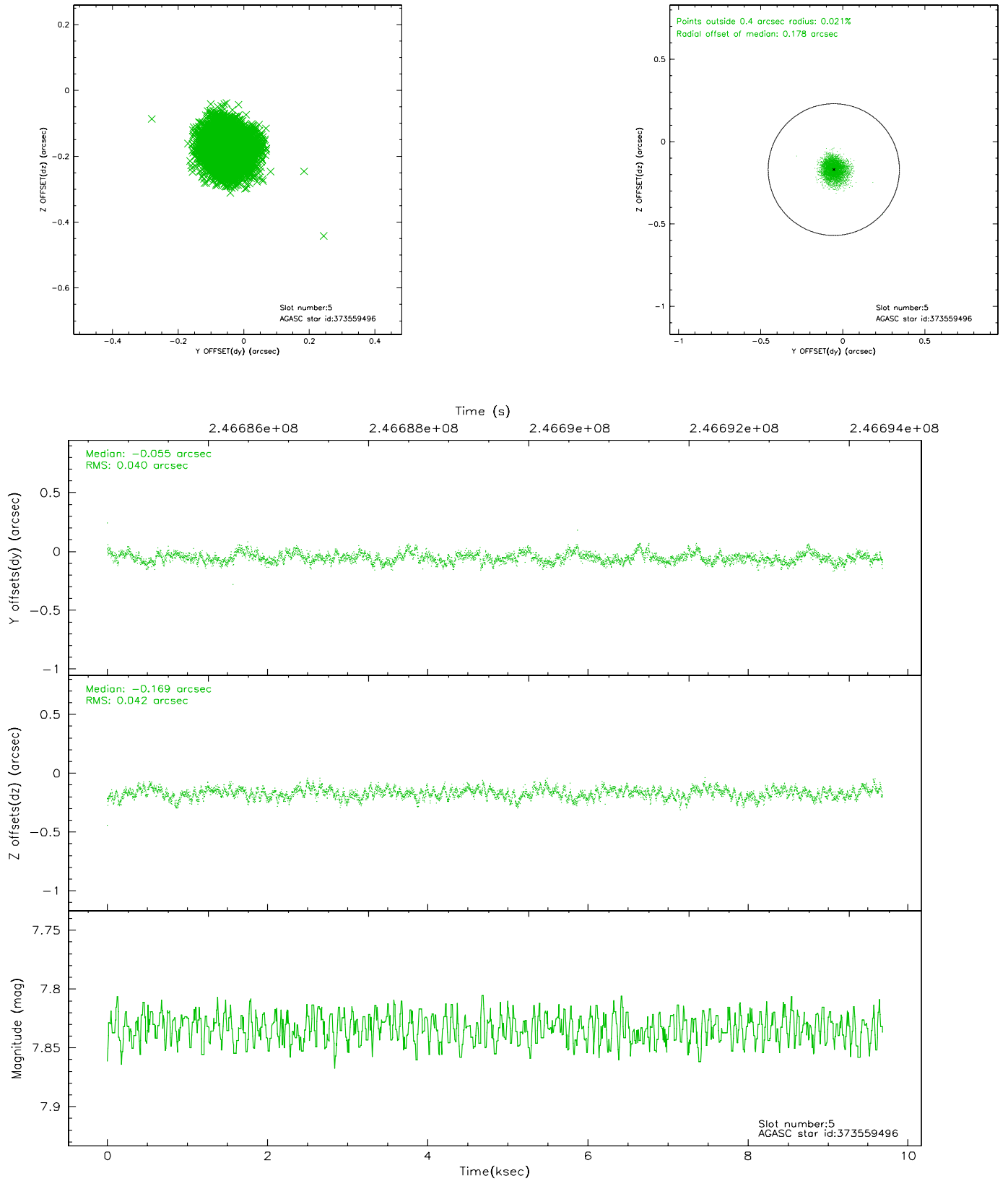
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	2364	-0.046	-0.016	0.007	0.012	0.000000	0.000000	-759.75	-1731.00
1	FID	ACIS-S-4	7.21	2364	0.070	0.027	0.005	0.009	0.000000	0.000000	2153.35	177.02
2	FID	ACIS-S-5	7.24	2364	-0.055	-0.001	0.007	0.012	0.000000	0.000000	-1811.93	171.21
3	OMITTED		0.00	0	0.000	0.000	0.000	0.000	0.000000	0.000000	0.00	0.00
4	GUIDE	373039672	9.04	4721	0.081	-0.055	0.070	0.115	44.268009	39.065075	-2141.59	783.64
5	GUIDE	373559496	7.83	4727	-0.055	-0.169	0.062	0.100	43.732078	39.429120	-214.59	299.49
6	GUIDE	373563072	9.54	4710	-0.094	0.096	0.103	0.175	43.351972	40.159563	1911.97	-1571.12
7	GUIDE	373569328	9.54	4710	0.069	0.132	0.092	0.145	44.573606	39.682823	-1871.87	-1582.29

2.4 Star Slots

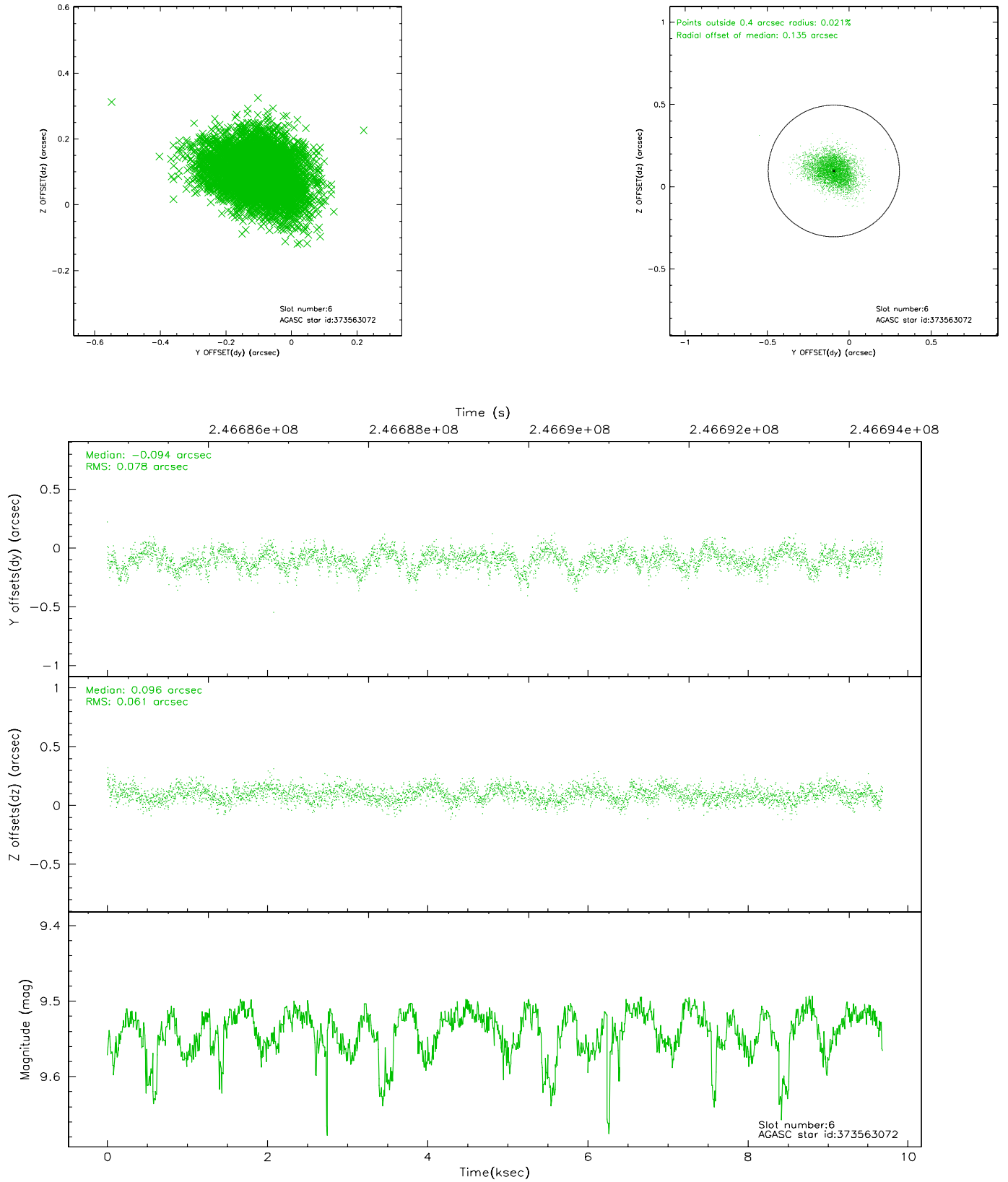
2.4.1 Slot 4



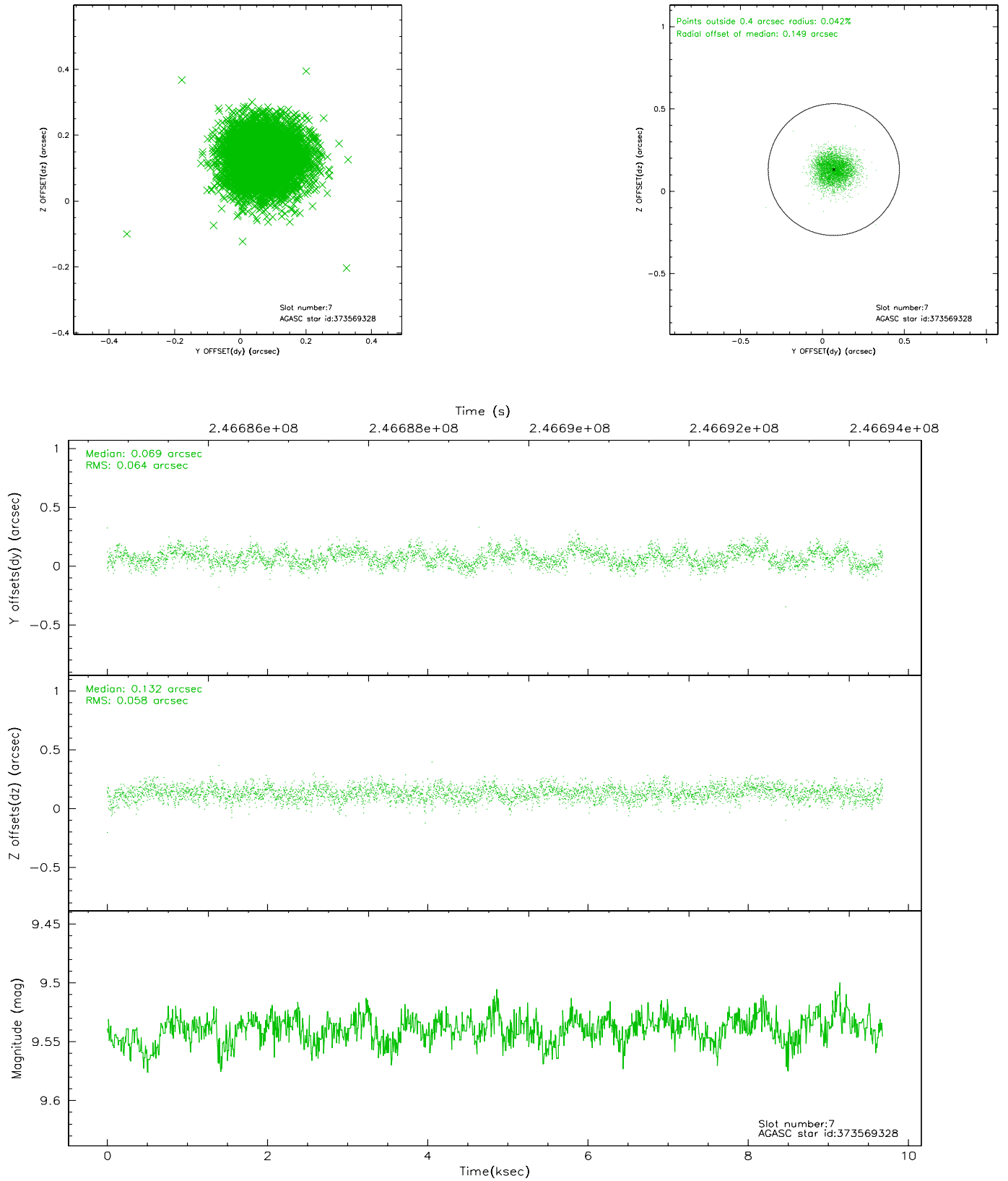
2.4.2 Slot 5



2.4.3 Slot 6

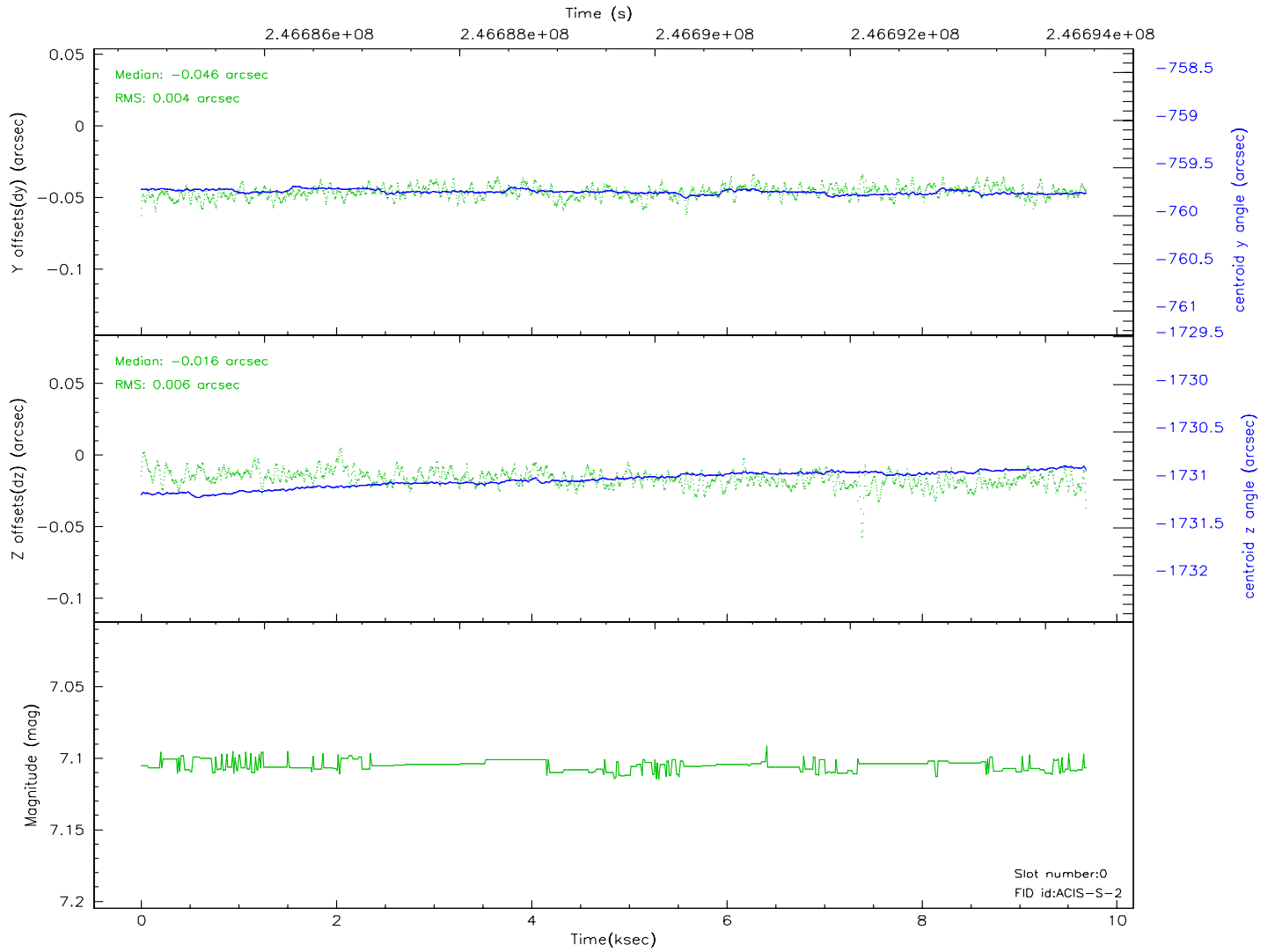
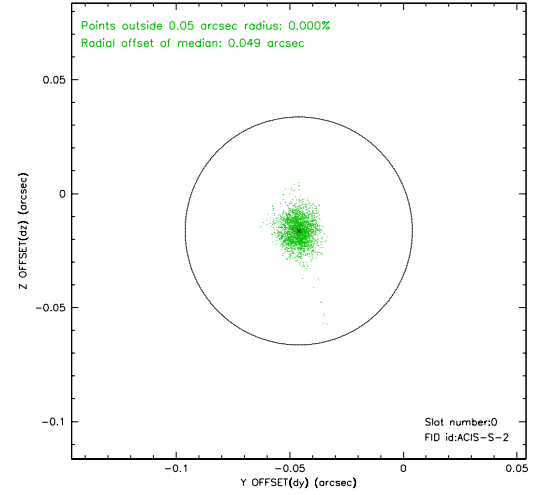
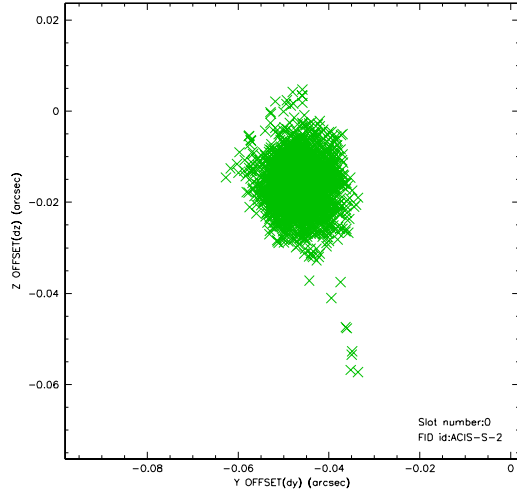


2.4.4 Slot 7

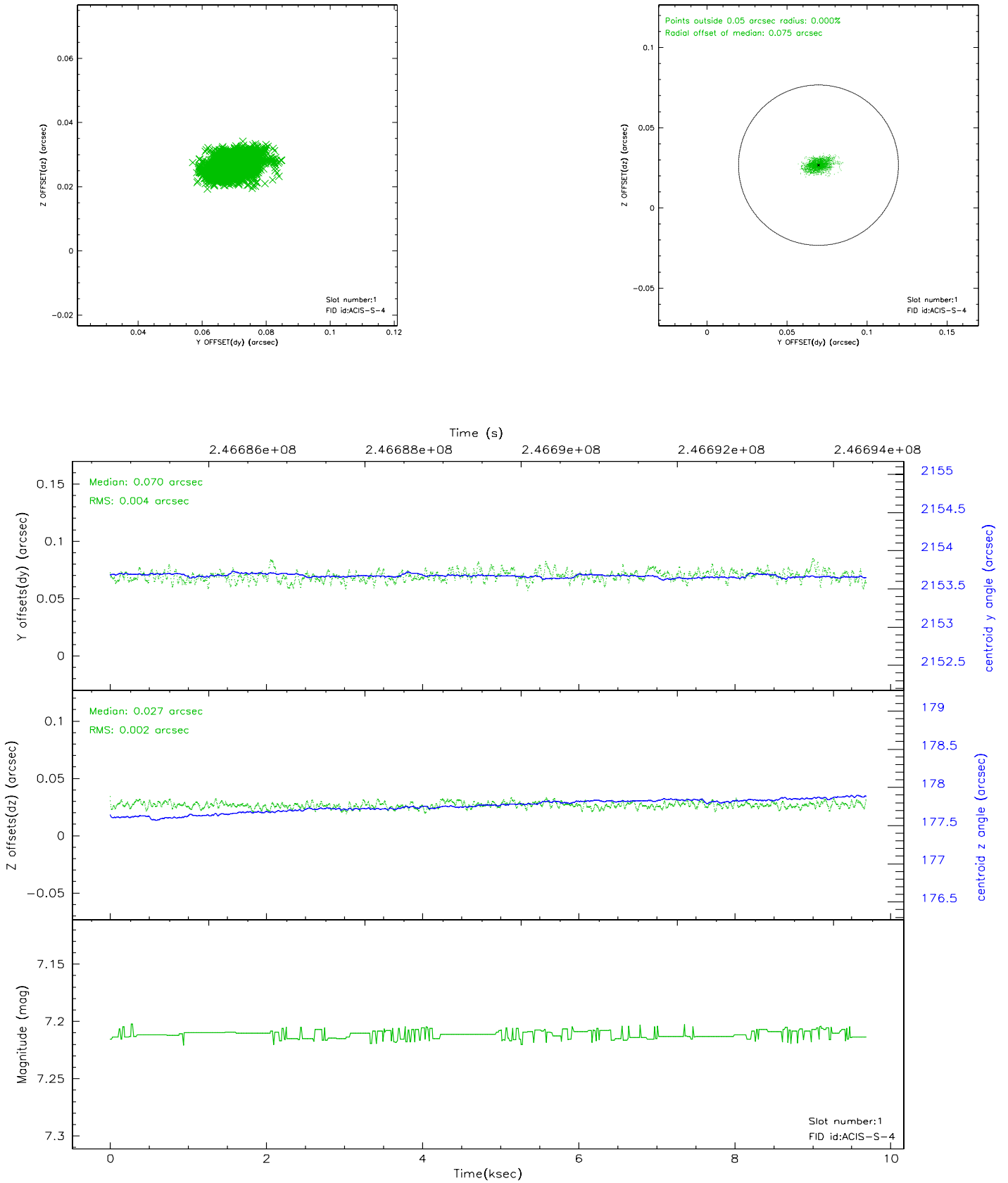


2.5 FID Slots

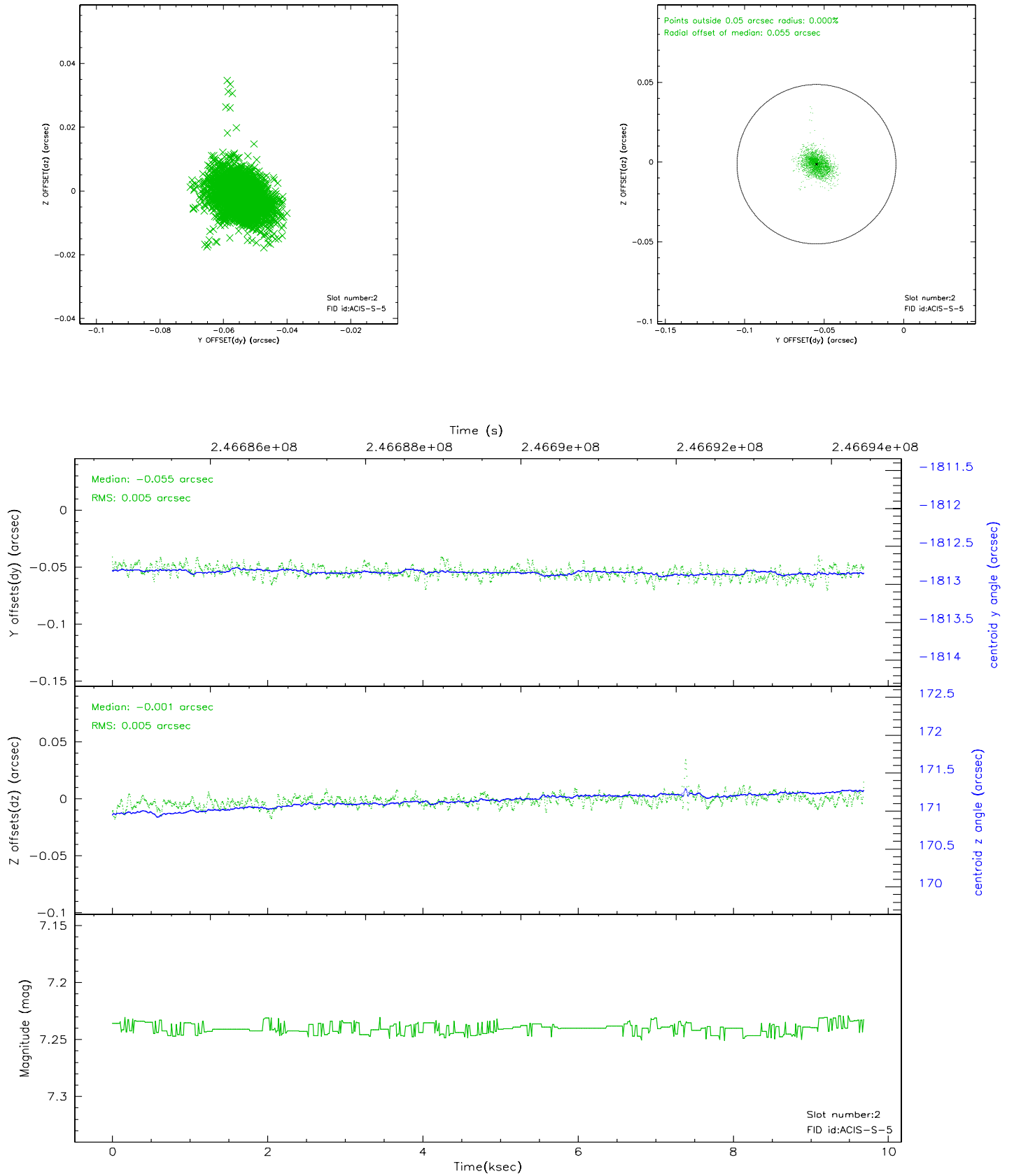
2.5.1 Slot 0



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)	2010.10.04
V&V Edition	2
V&V Disposition and Status	OK
V&V Charge Time	9.4968

A.2 Comments

The guide star in slot 3 was manually excluded from the processing due to poor data quality.
Roll preference met.