

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 884 - L2 Version 001
Chandra X-Ray Center

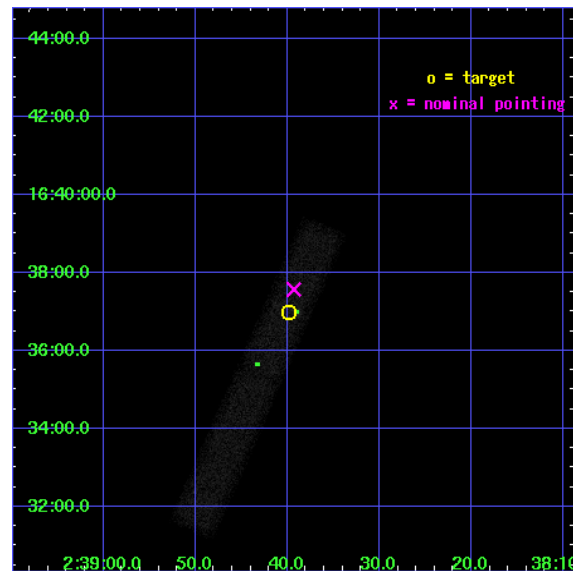
L2 Processing Date : Jun 5 2007

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1 Front

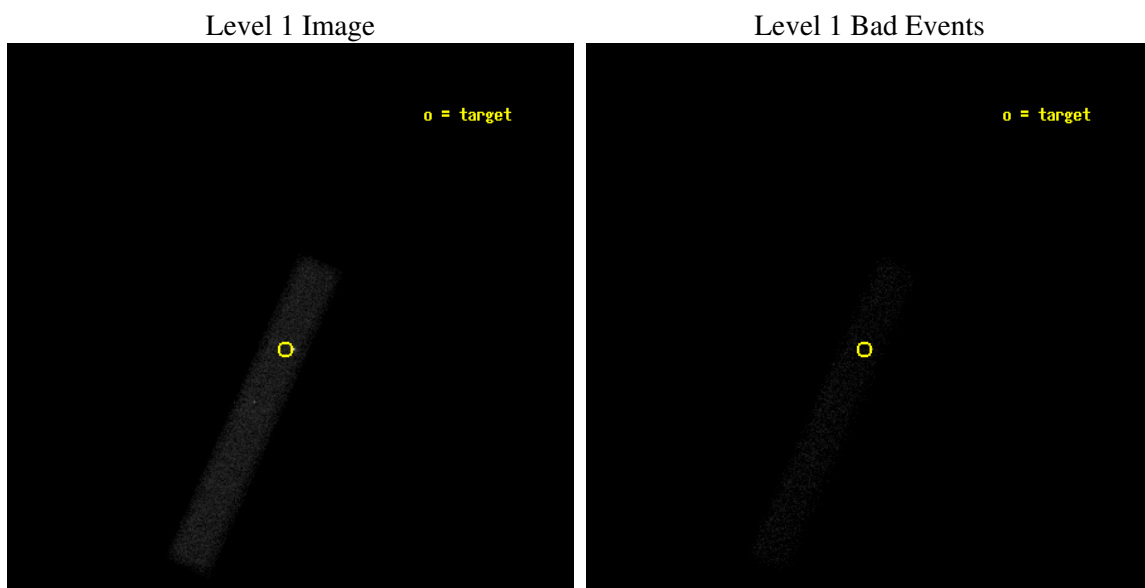
seq_num	700189
obs_id	884
title	THE METAL ABUNDANCES IN LOW-REDSHIFT DAMPED LY-ALPHA GALAXIES
observer	Dr. David Turnshek
object	0235+164
dtcycle	0
cycle	P
ra_targ	39.66625
dec_targ	16.616472
ra_nom	39.663798589874
dec_nom	16.626129341693
roll_nom	114.03204901267
revision	2
ontime	30625.200456351
liveltime	27775.440283286
ontime7	30625.200456351
l2events	27659



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0
ascdsver	7.6.10
caldbver	3.4.0
date	2007-06-05T07:59:05
revision	2

sched_exp_time	30000.000000
ontime	30625.200456351
ontime7	30625.200456351
l1events	44915

2.1.4 Events

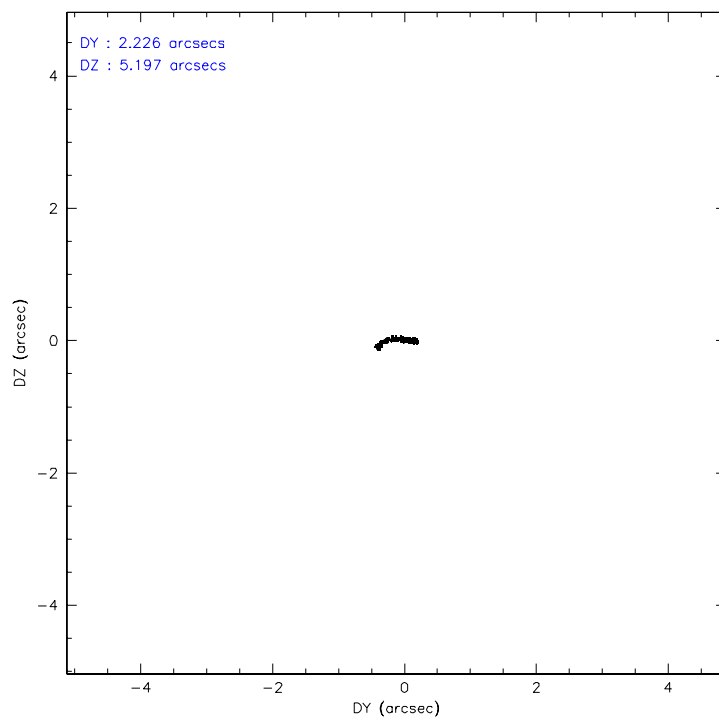
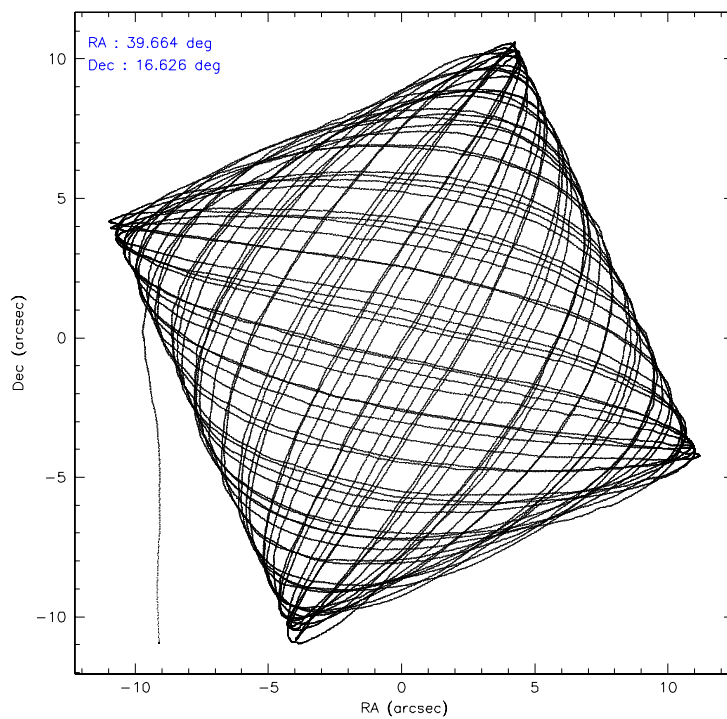
	ccd 7
level 1 events	44915
rejected events	16286
rejected %	36%

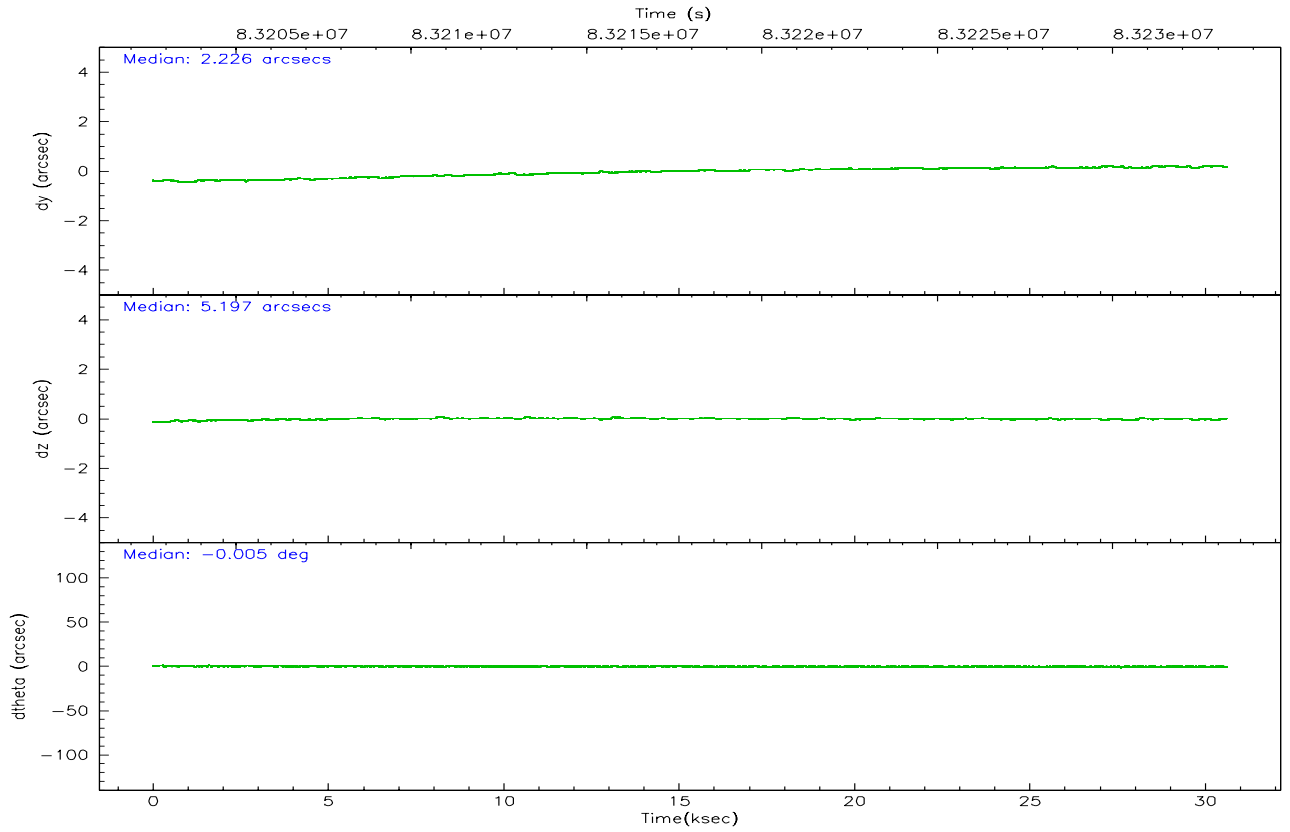
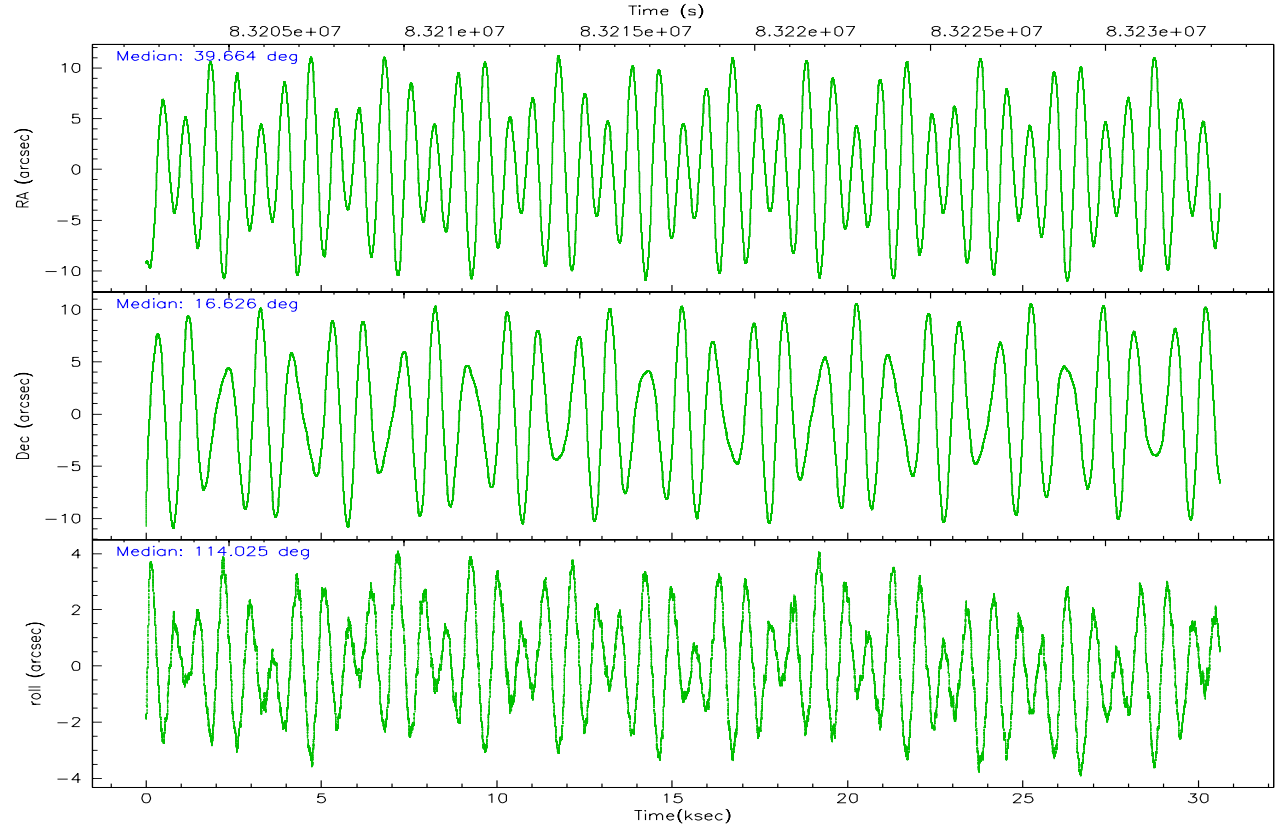
	ccd 7
grade 0 events	4091
	9%
grade 1 events	52
	0%
grade 2 events	5597
	12%
grade 3 events	3274
	7%
grade 4 events	3173
	7%
grade 5 events	2830
	6%
grade 6 events	12595
	28%
grade 7 events	13303
	29%

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	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	39.687044	39.66379858987408	Subarray requested	CUSTOM	1/8
Pointing Dec	16.610169	16.62612934169256	Subarray start row	447	447
Pointing Roll	113.868775	114.0320490126691	Subarray row count	128	128
SIM focus pos (mm)	-0.684267	-0.6828225247311905	Alternating exposures requested	N	N
SIM defocus (mm)	0	0.001444936568705701	Primary exposure time	0.400000	0.4
SIM translation stage pos (mm)	-190.132523	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	83203262.184000	83201992.665893			
Observation start date	2000-08-20T23:59:58	2000-08-20T23:39:52			
Observation end time	83233262.184000	83234585.104615			
Observation end date	2000-08-21T08:19:58	2000-08-21T08:43:05			
Read mode	TIMED	TIMED			

2.3 Aspect



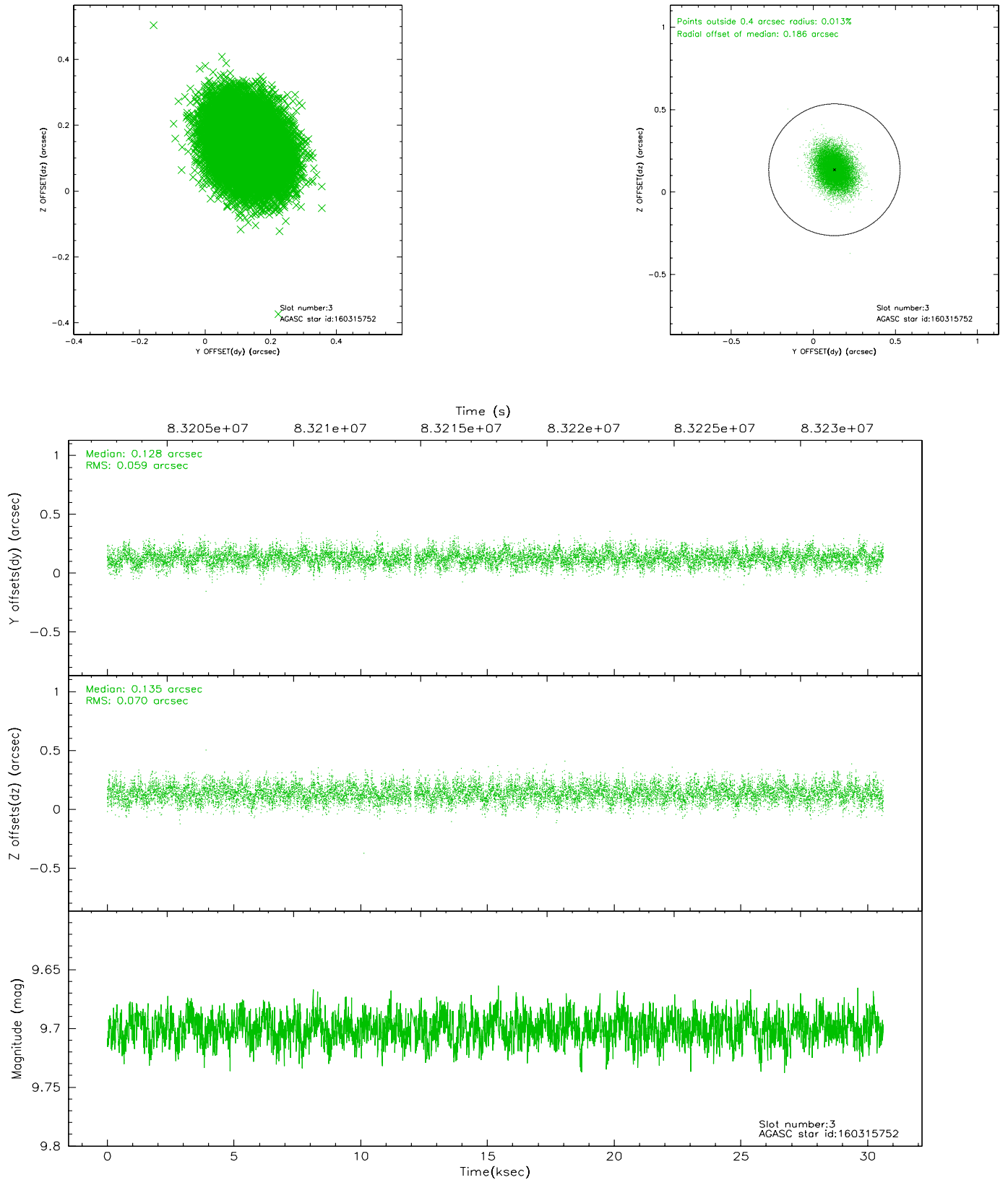


Slot Statistics

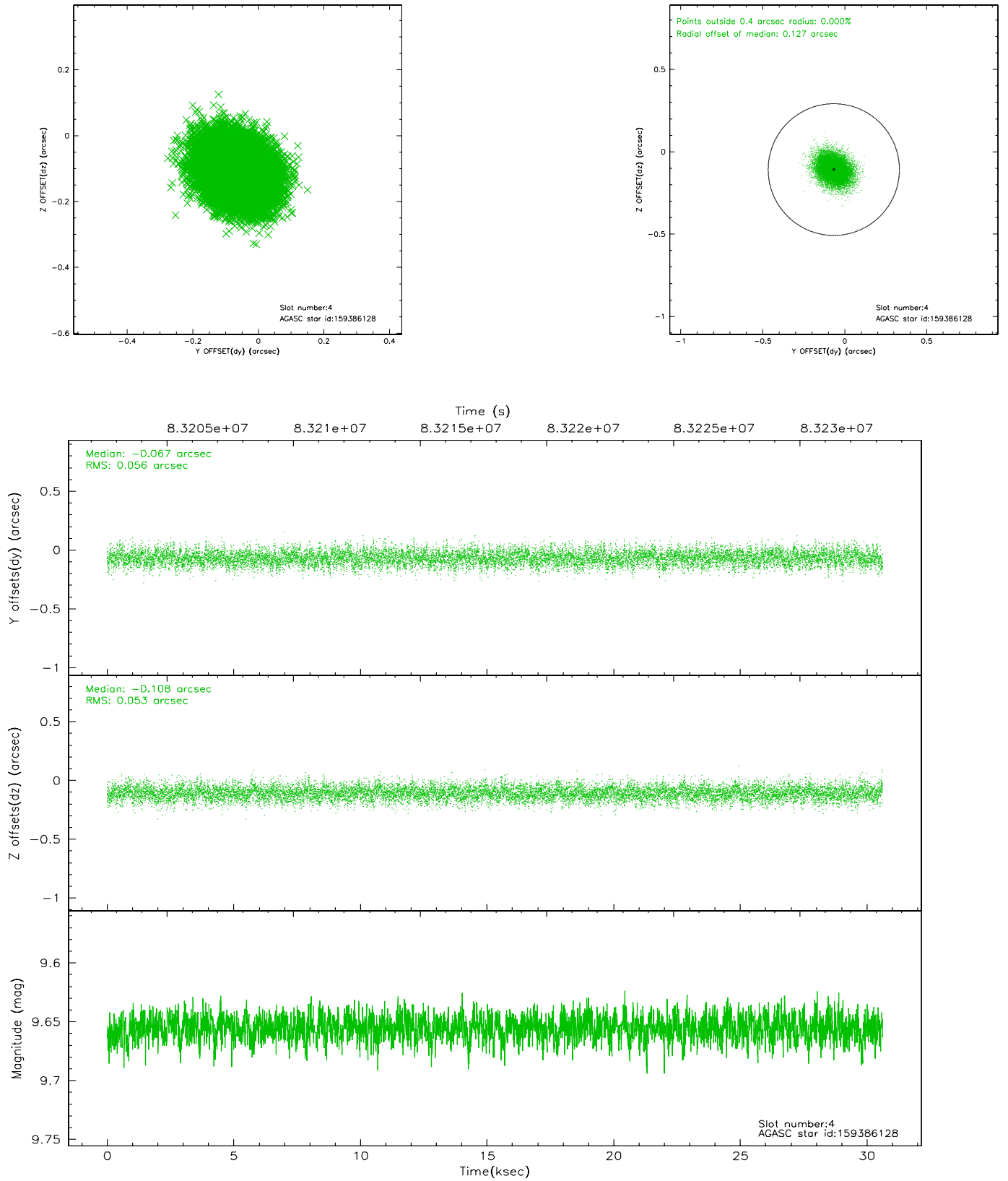
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	7470	-0.025	0.022	0.007	0.011	0.000000	0.000000	-754.80	-1726.30
1	FID	ACIS-S-4	7.21	7470	-0.052	0.006	0.005	0.009	0.000000	0.000000	2158.39	182.14
2	FID	ACIS-S-5	7.24	7470	0.045	-0.019	0.007	0.012	0.000000	0.000000	-1807.51	175.81
3	GUIDE	160315752	9.70	14871	0.128	0.135	0.097	0.158	40.180363	16.596120	-731.51	-1535.95
4	GUIDE	159386128	9.66	14924	-0.067	-0.108	0.082	0.134	39.366038	16.824673	1155.60	699.44
5	GUIDE	160315928	9.75	14931	0.226	0.076	0.101	0.161	40.195099	16.201417	-2052.75	-1011.04
6	GUIDE	159389528	8.13	14934	-0.251	-0.407	0.080	0.117	38.920079	16.612791	1084.47	2414.11
7	GUIDE	160305040	8.93	14938	-0.034	0.301	0.092	0.145	40.407955	16.736008	-585.80	-2456.74

2.4 Star Slots

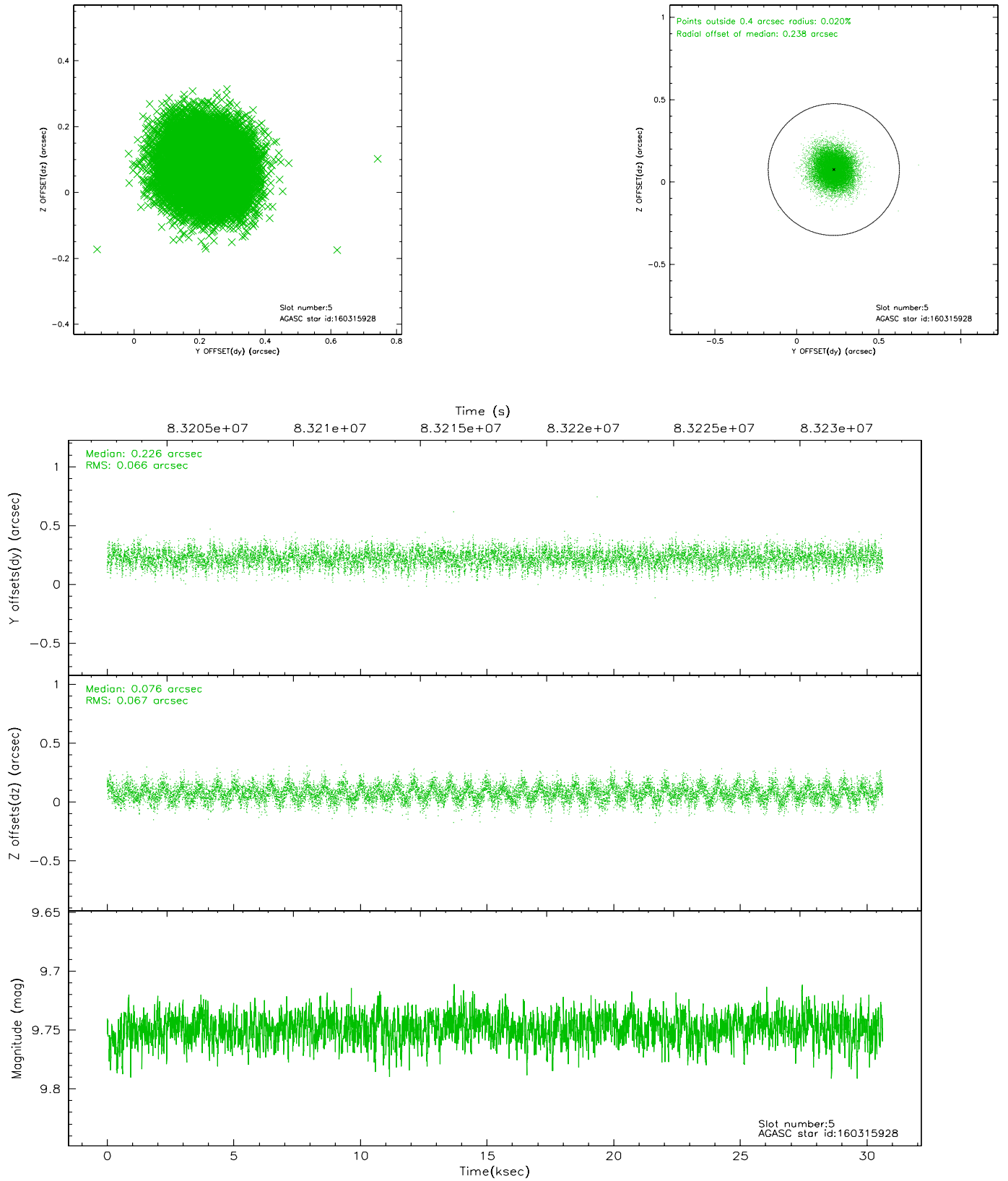
2.4.1 Slot 3



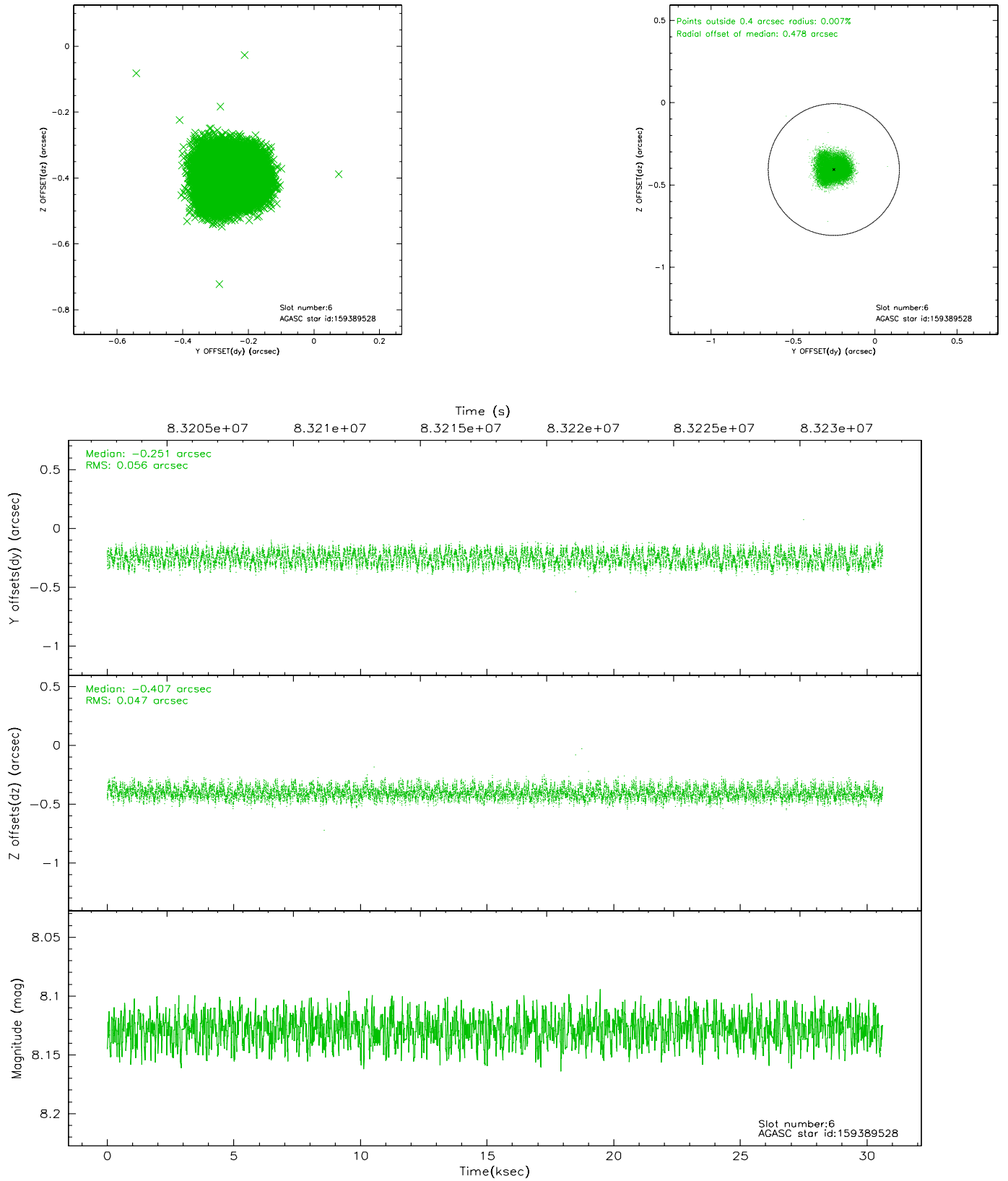
2.4.2 Slot 4



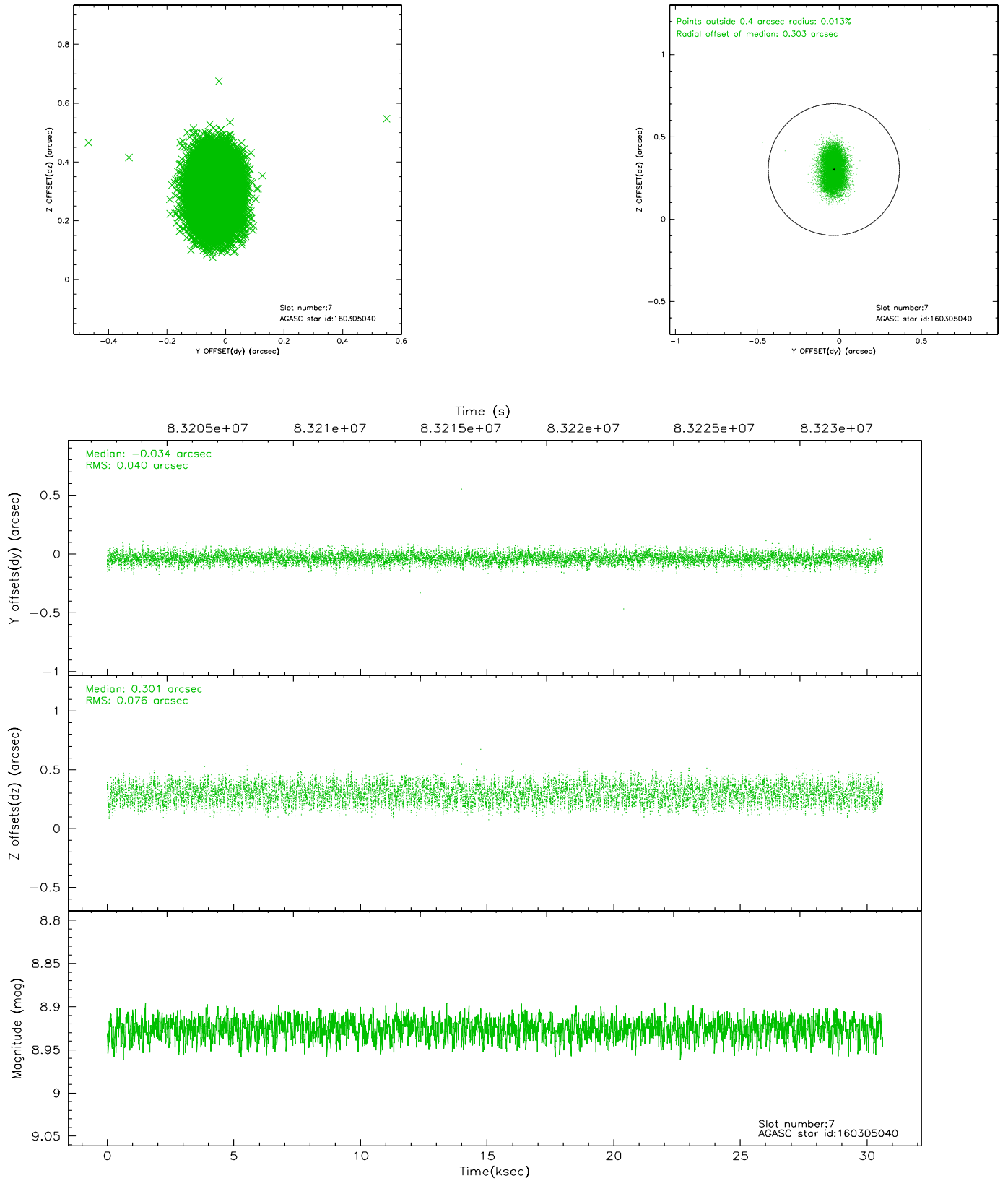
2.4.3 Slot 5



2.4.4 Slot 6

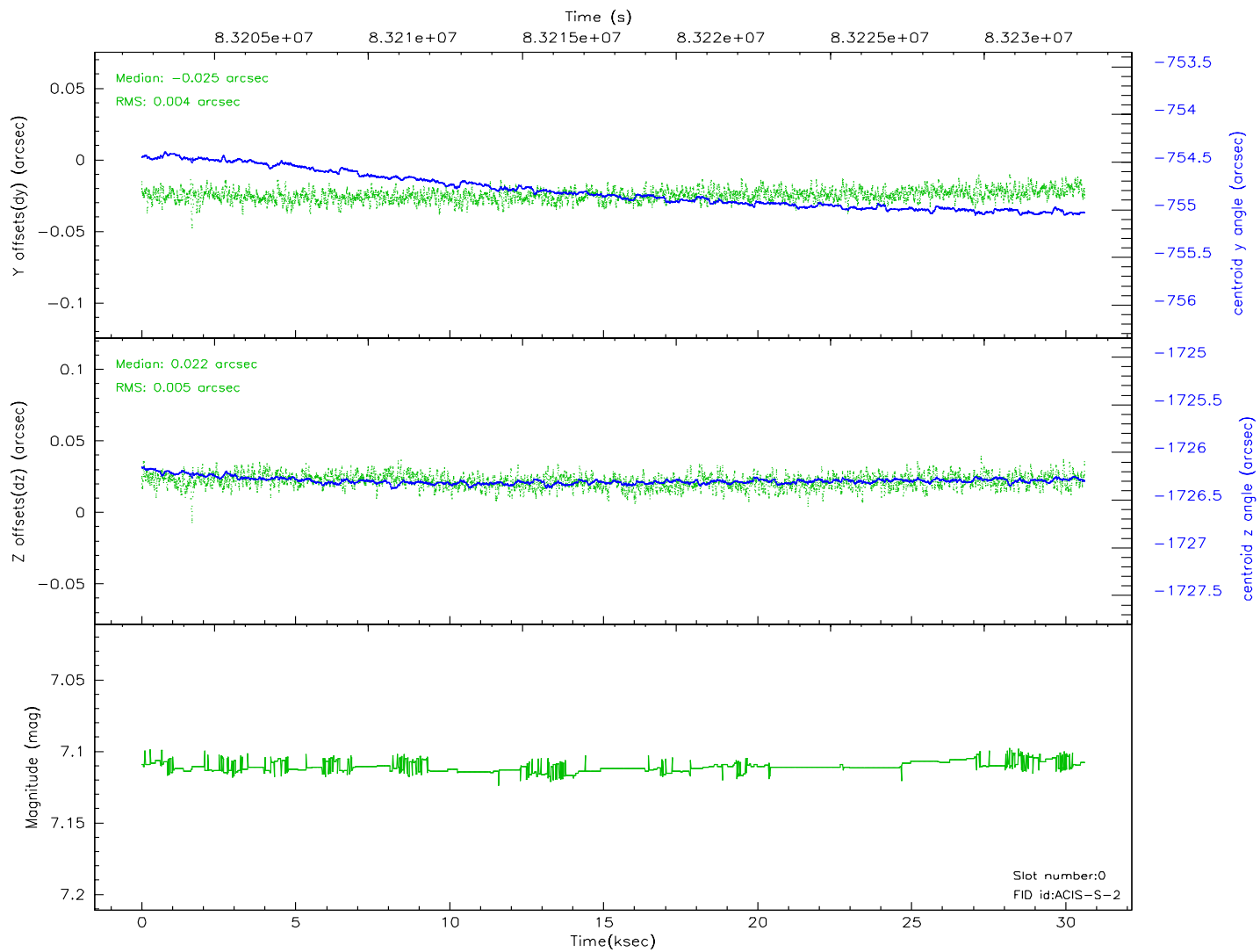
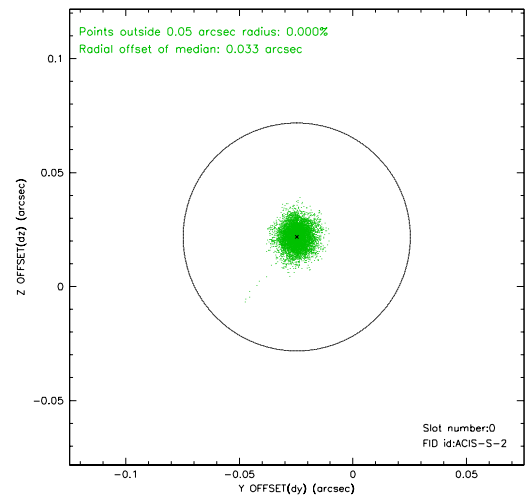
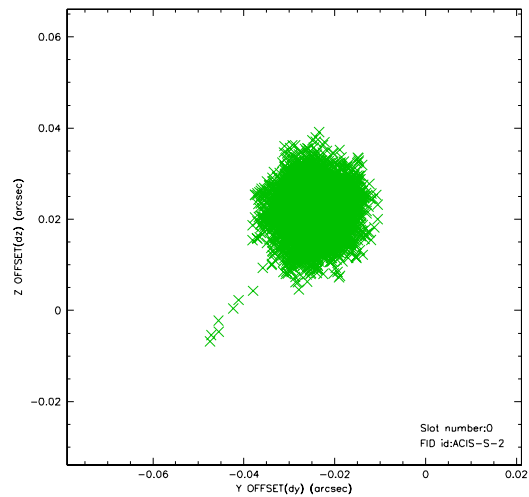


2.4.5 Slot 7

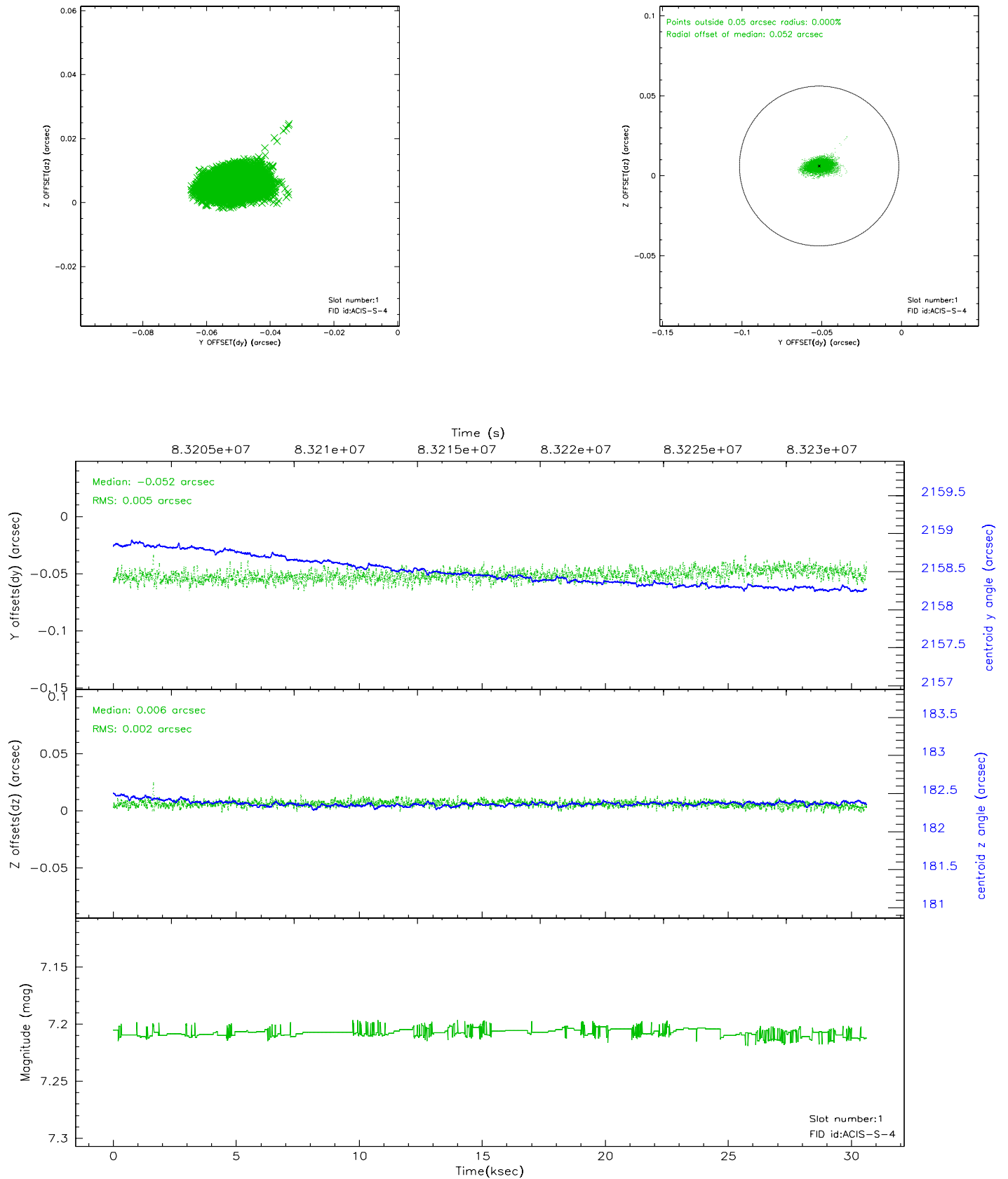


2.5 FID Slots

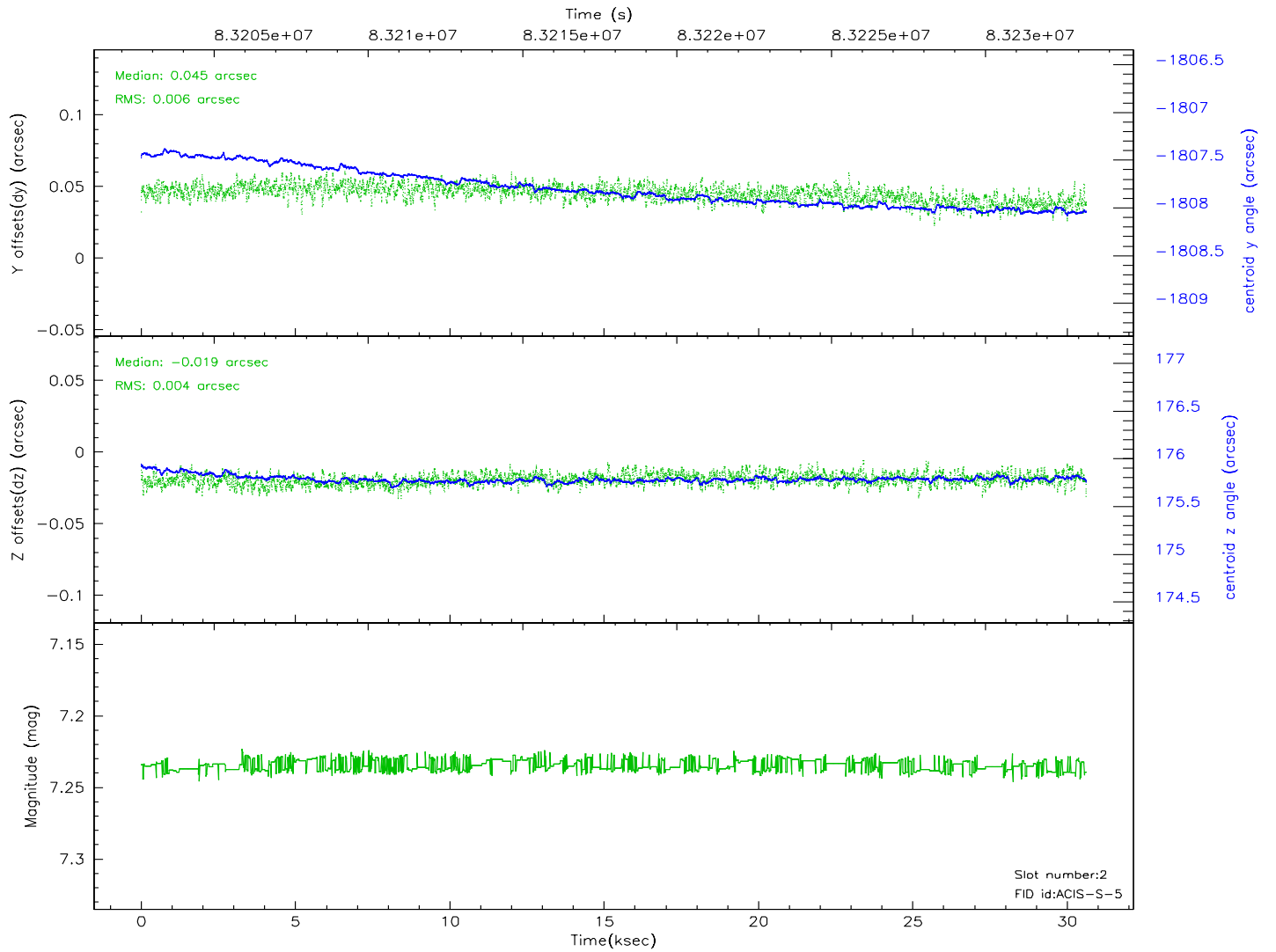
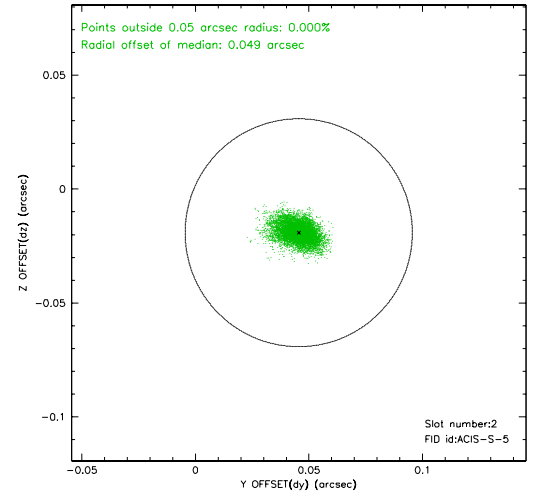
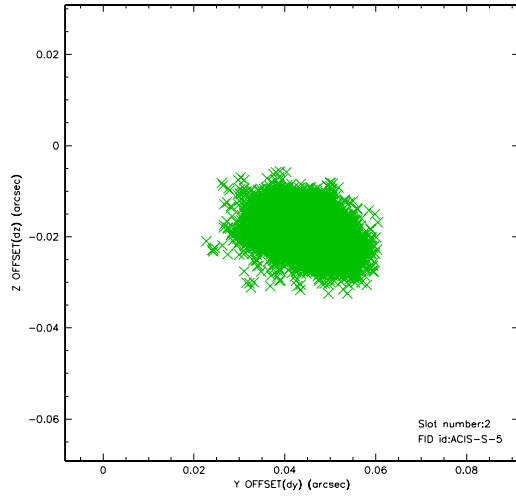
2.5.1 Slot 0



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)	2007.06.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	30.625

A.2 Comments

Focal plane temperature is warmer than -118.7 C degrees during the first 2 ksec of this observation. The ACIS spectral response calibration for the front-illuminated chips is less accurate at these warmer temperatures than it is at -119.7 C. The back-illuminatd chips are not affected at the focal plane temperatures recorded for this observation. Users whose science objectives depend on the most accurate spectral response (i.e.: fitting line-rich spectra) may notice an effect. Users whose science objectives do not depend on the most accurate spectral response should not notice an effect.