

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 3971 - L2 Version 001
Chandra X-Ray Center

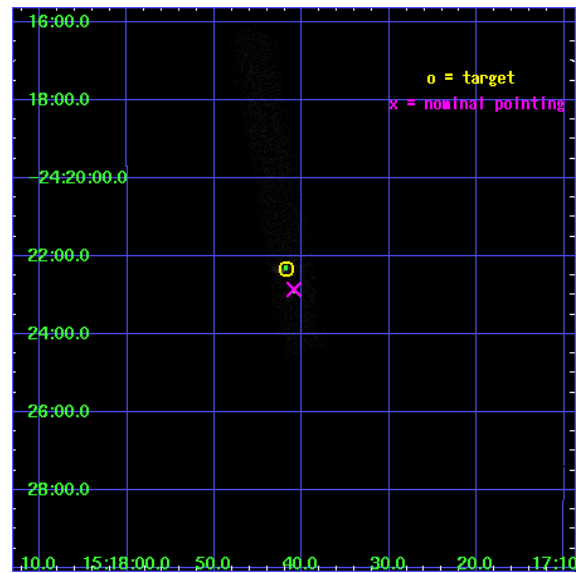
L2 Processing Date : Aug 10 2006

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1 Front

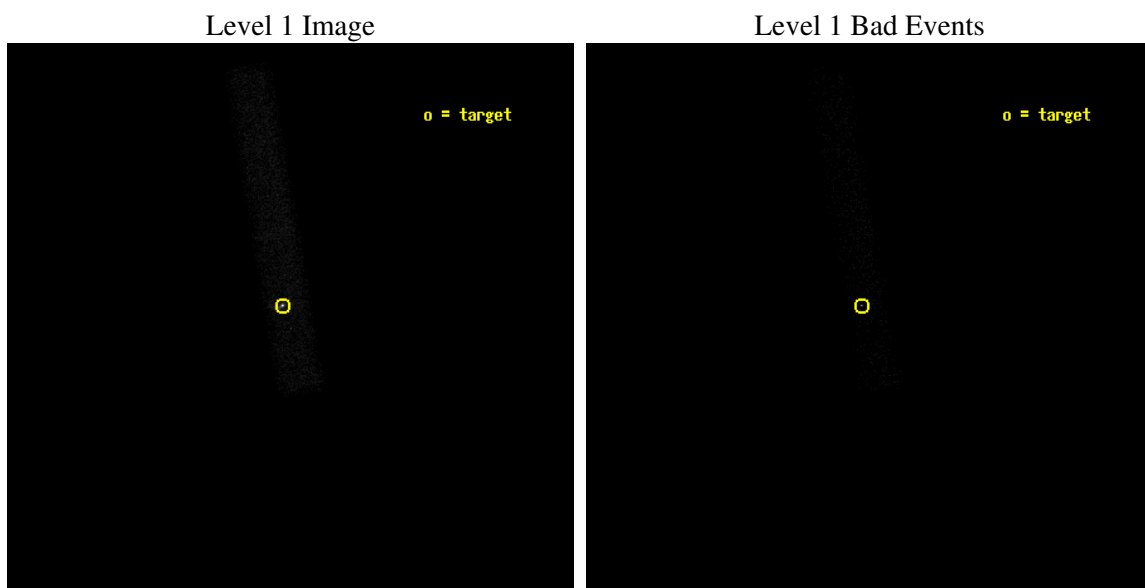
seq_num	700650
obs_id	3971
title	STRUCTURES AND SPECTRA OF EXTENDED EMISSION REGIONS IN THREE BL LAC OBJECTS
observer	Prof Mark Birkinshaw
object	AP LIBRAE
dtcycle	0
cycle	P
ra_targ	229.424167
dec_targ	-24.371944
ra_nom	229.42057027522
dec_nom	-24.381043218178
roll_nom	260.26706926035
revision	2
ontime	14127.600210518
livetime	12812.987675057
ontime7	14127.600210518
l2events	12364



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	1
ascdsver	7.6.8.1
caldsver	3.2.2
date	2006-08-10T10:00:18
revision	2

sched_exp_time	14000.000000
ontime	15208.65064761
ontime7	15208.65064761
l1events	22916

2.1.4 Events

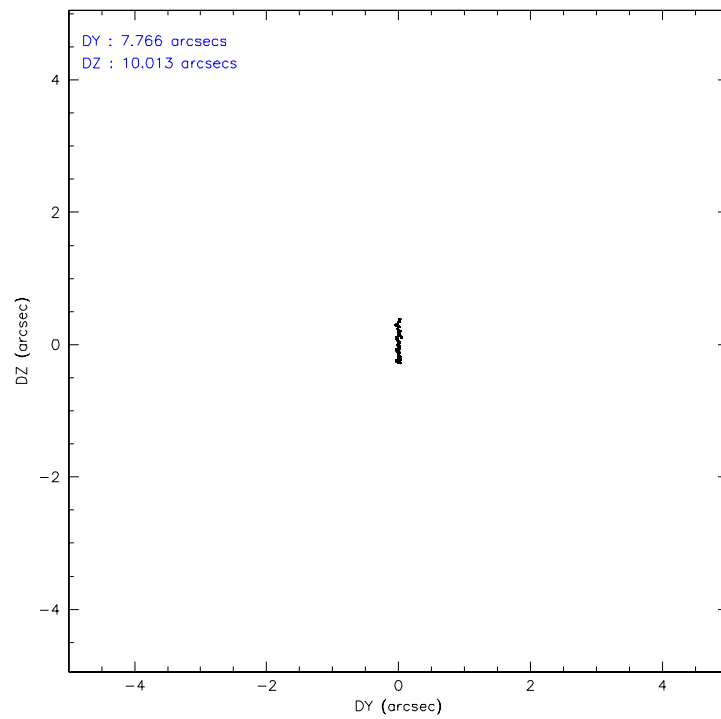
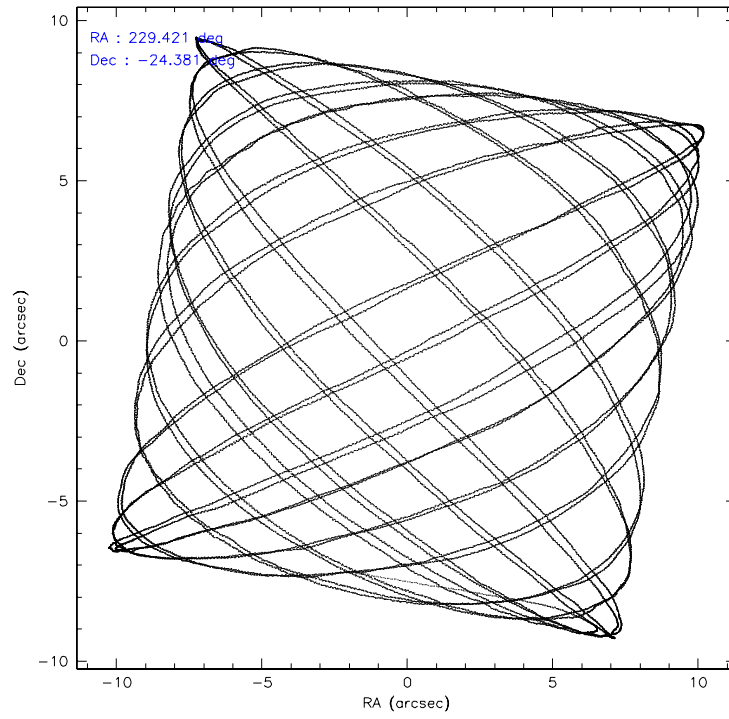
	ccd 7
level 1 events	22916
rejected events	9737
rejected %	42%

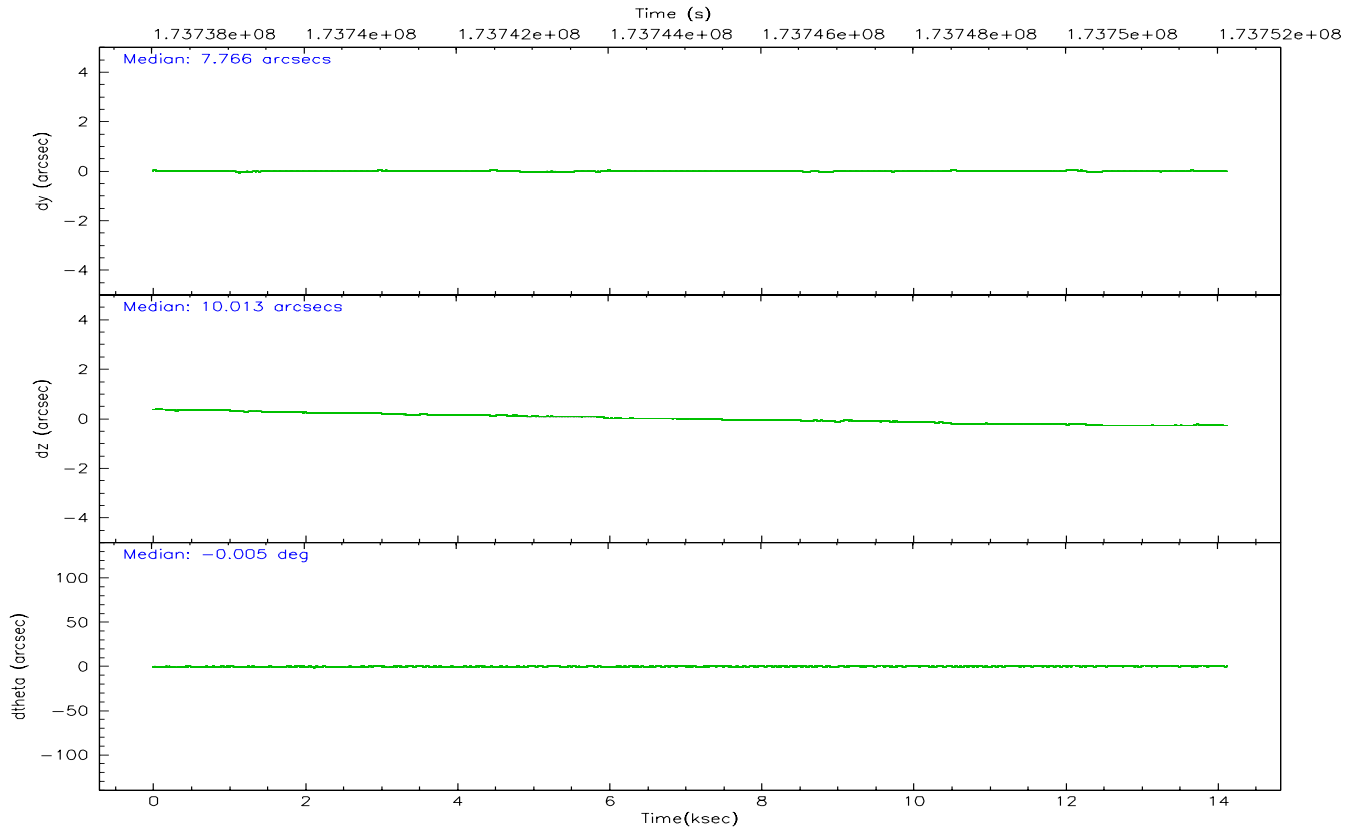
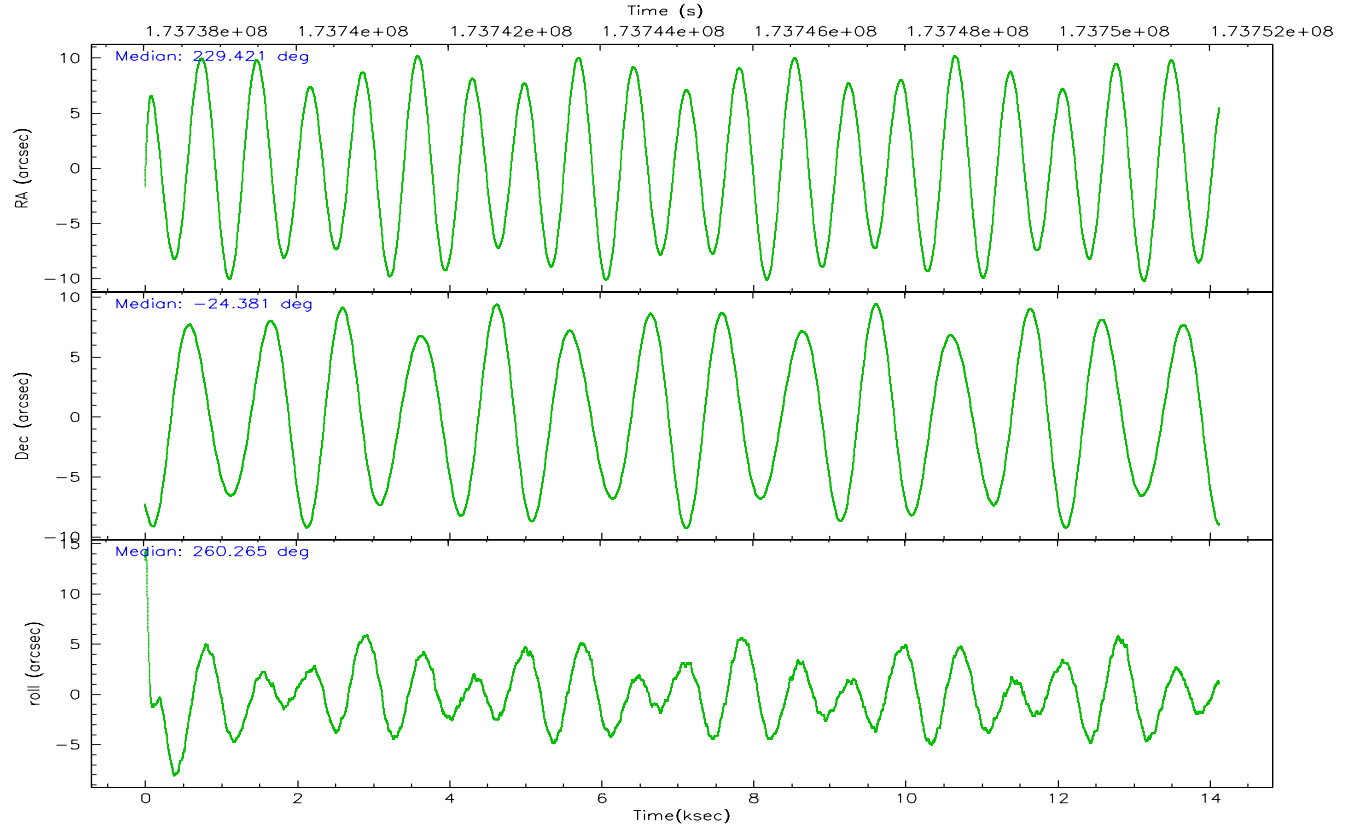
	ccd 7
grade 0 events	2499
	10%
grade 1 events	38
	0%
grade 2 events	3310
	14%
grade 3 events	1452
	6%
grade 4 events	1410
	6%
grade 5 events	1248
	5%
grade 6 events	5003
	21%
grade 7 events	7956
	34%

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	229.409837	229.4205702752174	Subarray start row	0	449
Pointing Dec	-24.355627	-24.38104321817778	Subarray row count	1024	128
Pointing Roll	260.105990	260.2670692603515	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	173738137.184000	173736928.89101			
Observation start date	2003-07-04T20:34:33	2003-07-04T20:15:28			
Observation end time	173752137.184000	173753441.64171			
Observation end date	2003-07-05T00:27:53	2003-07-05T00:50:41			
Read mode	TIMED	TIMED			

2.3 Aspect



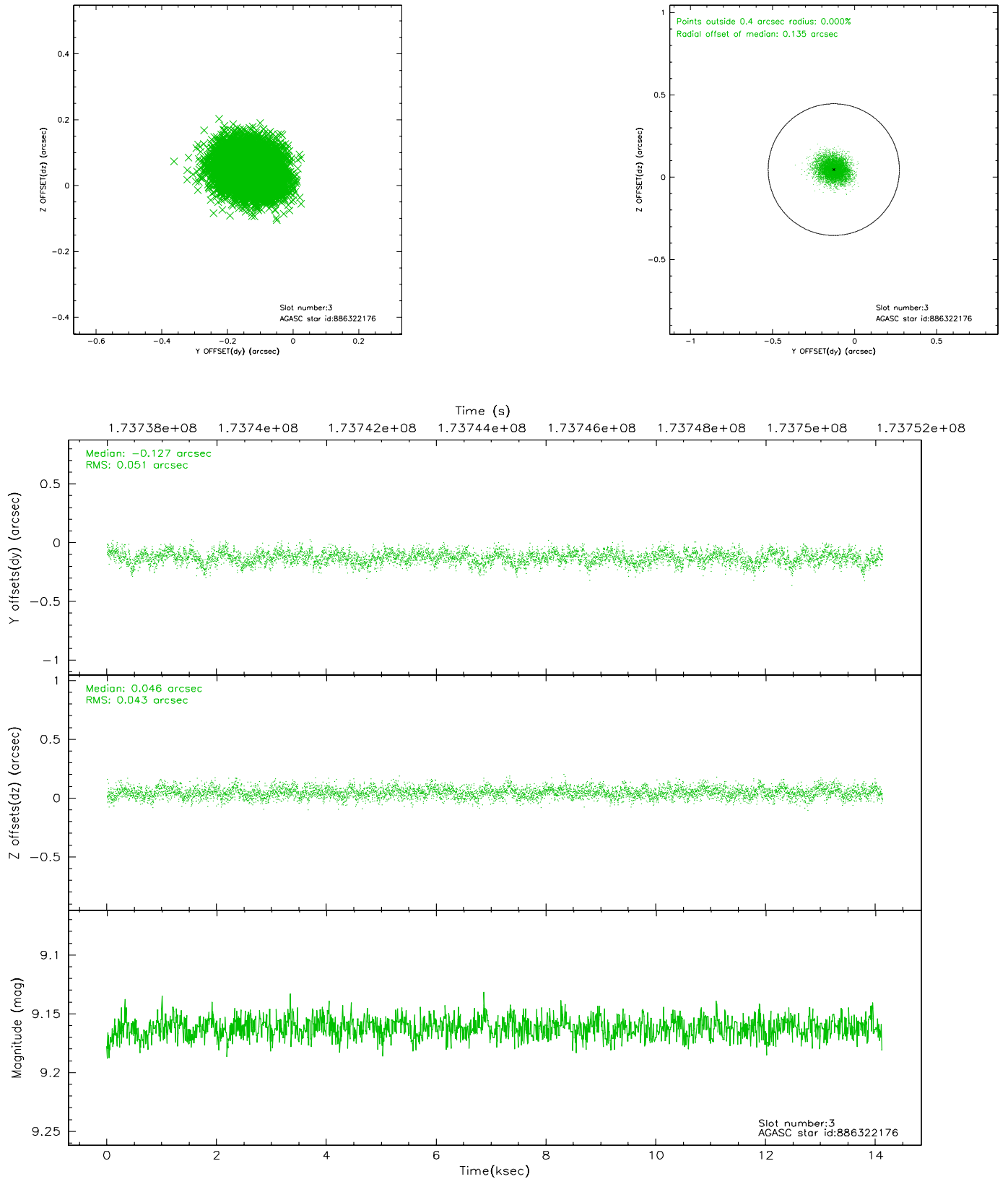


Slot Statistics

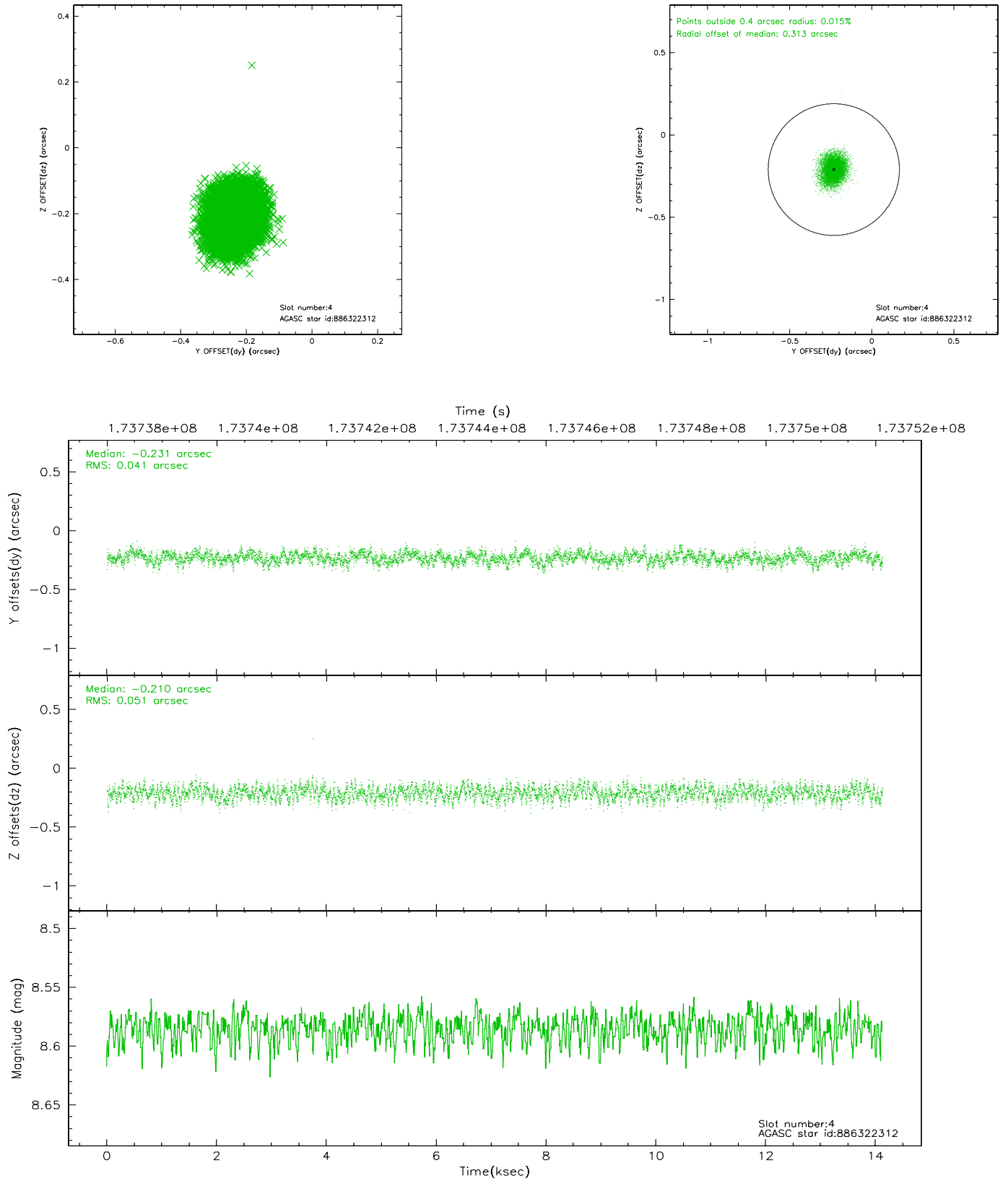
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	3446	-0.030	0.001	0.009	0.015	0.000000	0.000000	-760.52	-1731.29
1	FID	ACIS-S-4	7.20	3446	0.042	0.014	0.005	0.009	0.000000	0.000000	2152.63	176.93
2	FID	ACIS-S-5	7.23	3446	-0.043	-0.007	0.008	0.013	0.000000	0.000000	-1813.00	170.86
3	GUIDE	886322176	9.16	6889	-0.127	0.046	0.071	0.116	229.683112	-23.823631	-2040.44	557.73
4	GUIDE	886322312	8.58	6892	-0.231	-0.210	0.070	0.111	228.881762	-23.821702	-1591.69	-2043.08
5	GUIDE	886834920	9.46	6889	0.109	-0.050	0.079	0.130	228.992313	-24.683425	1399.40	-1142.48
6	GUIDE	886842880	9.29	6889	0.045	0.166	0.091	0.143	229.919261	-24.791590	1263.53	1910.59
7	GUIDE	886845824	8.78	6891	0.205	0.050	0.070	0.112	229.471798	-24.982009	2187.42	587.18

2.4 Star Slots

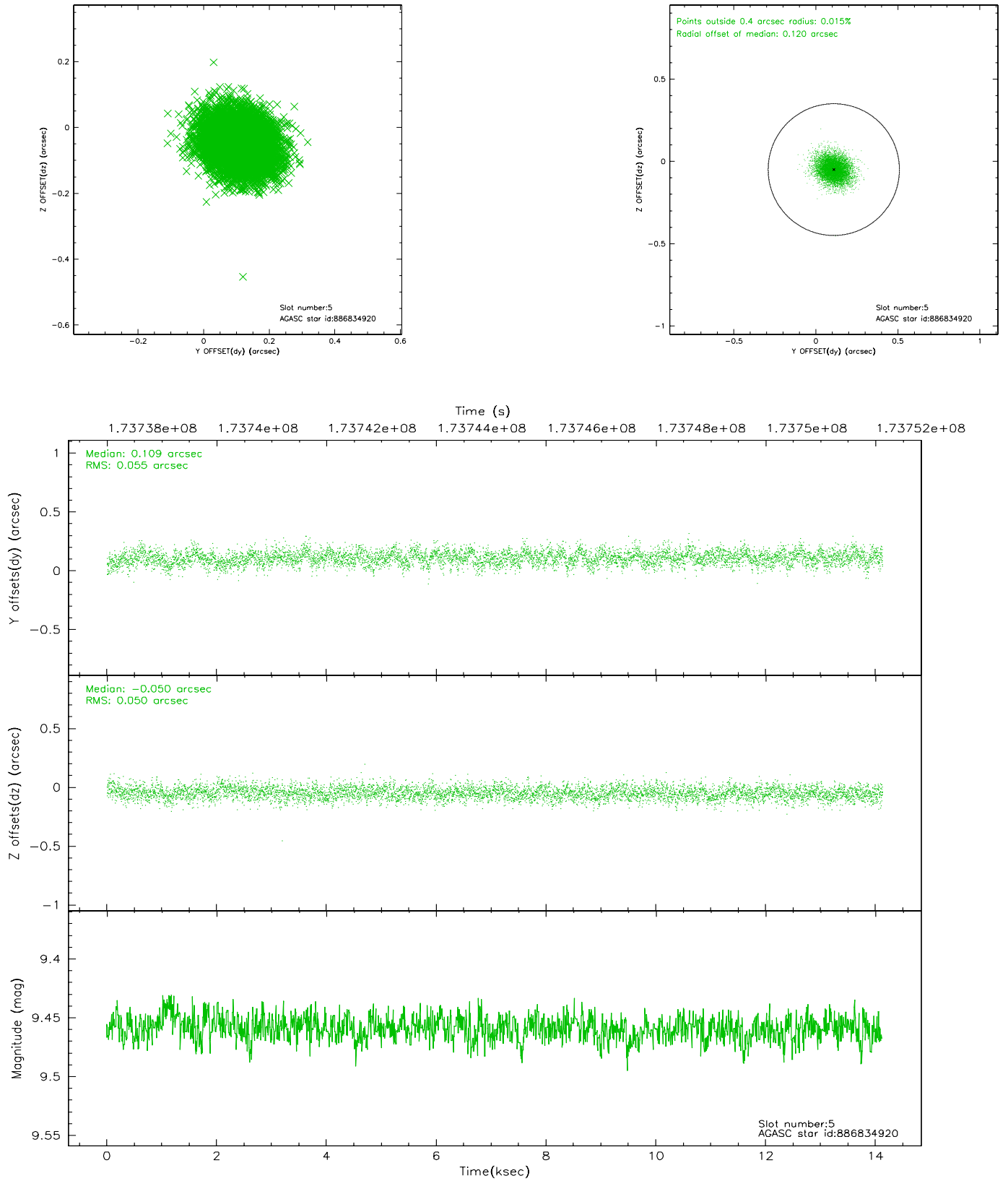
2.4.1 Slot 3



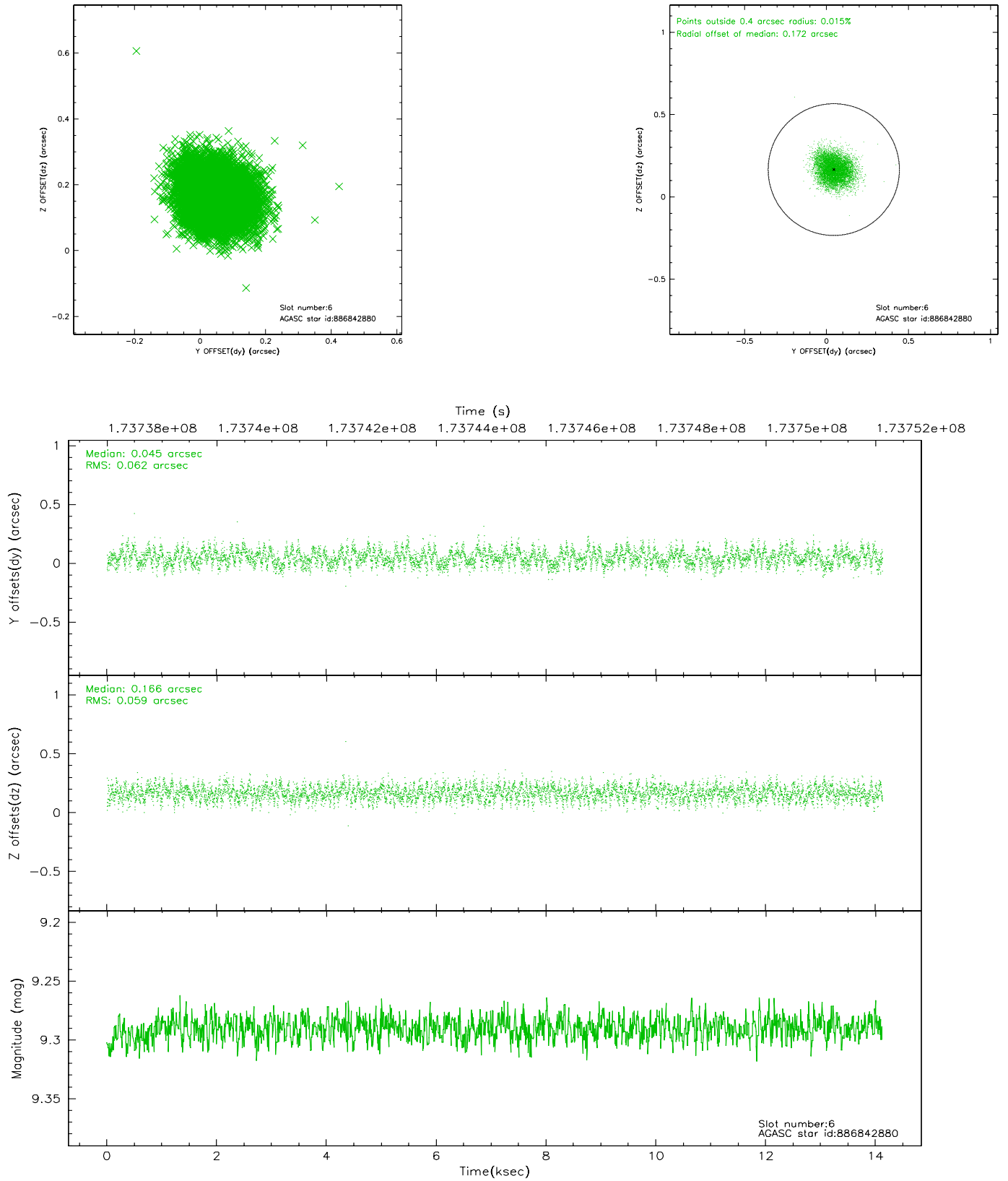
2.4.2 Slot 4



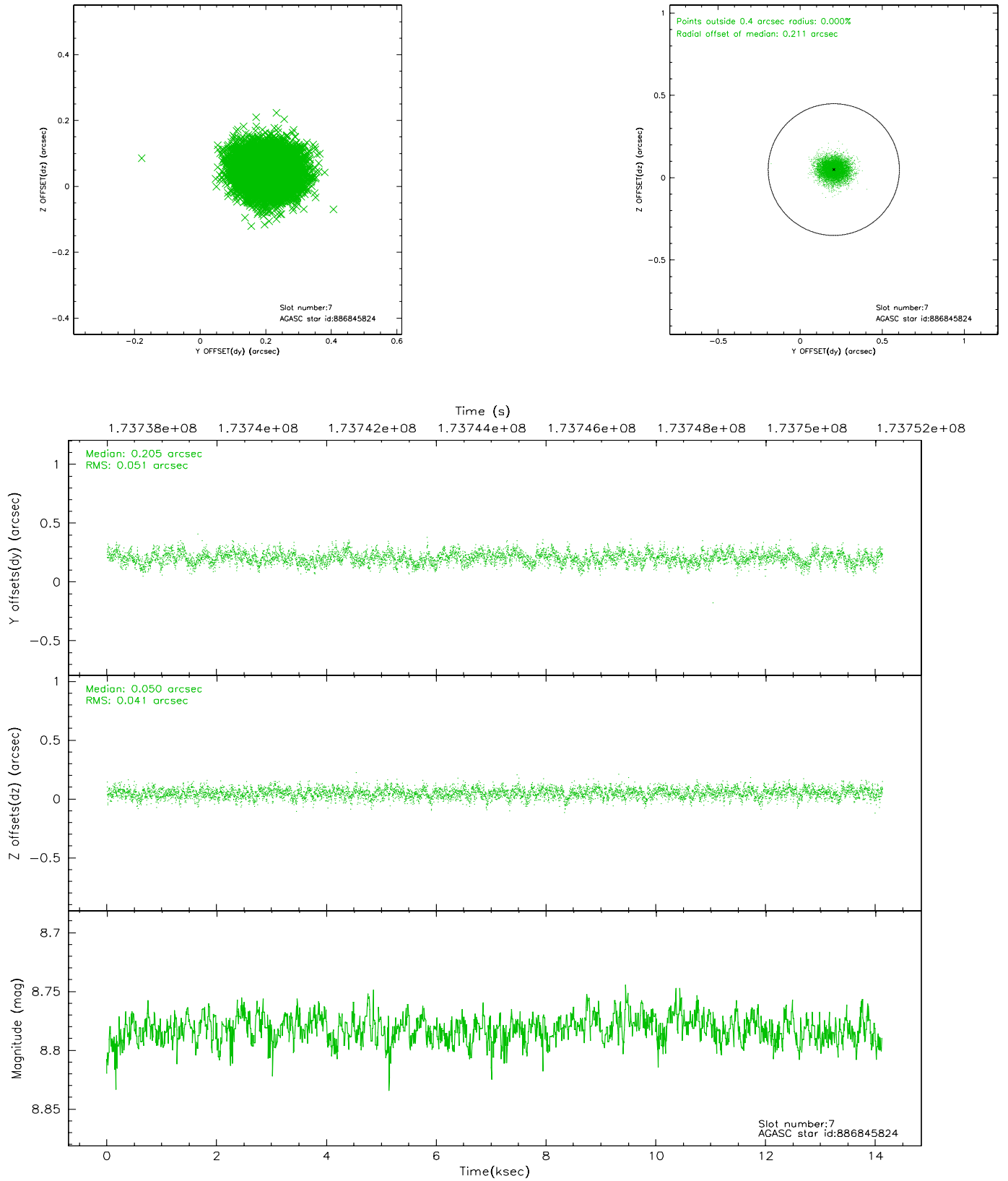
2.4.3 Slot 5



2.4.4 Slot 6

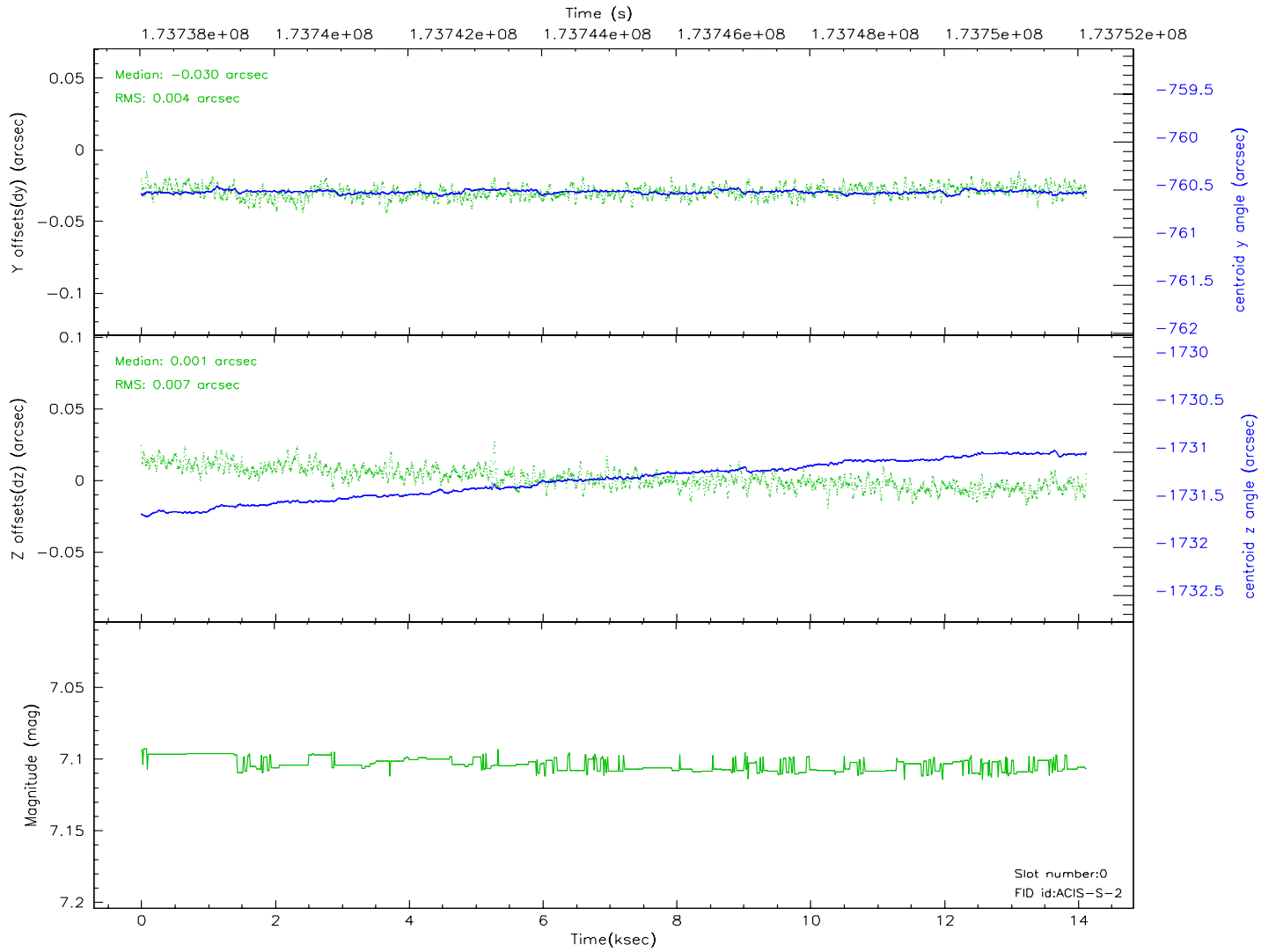
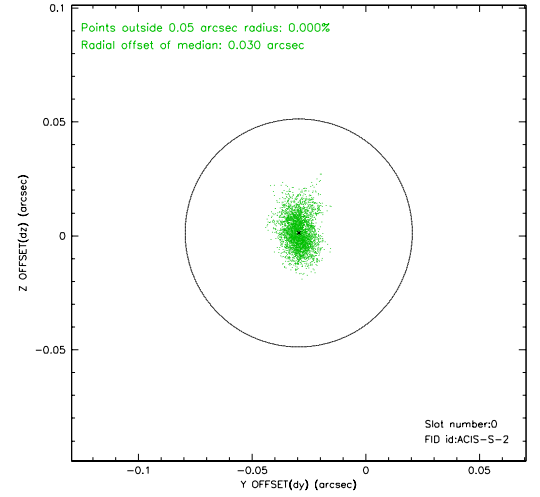
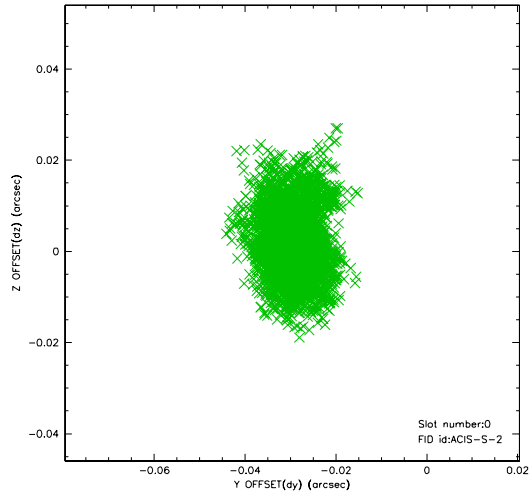


2.4.5 Slot 7

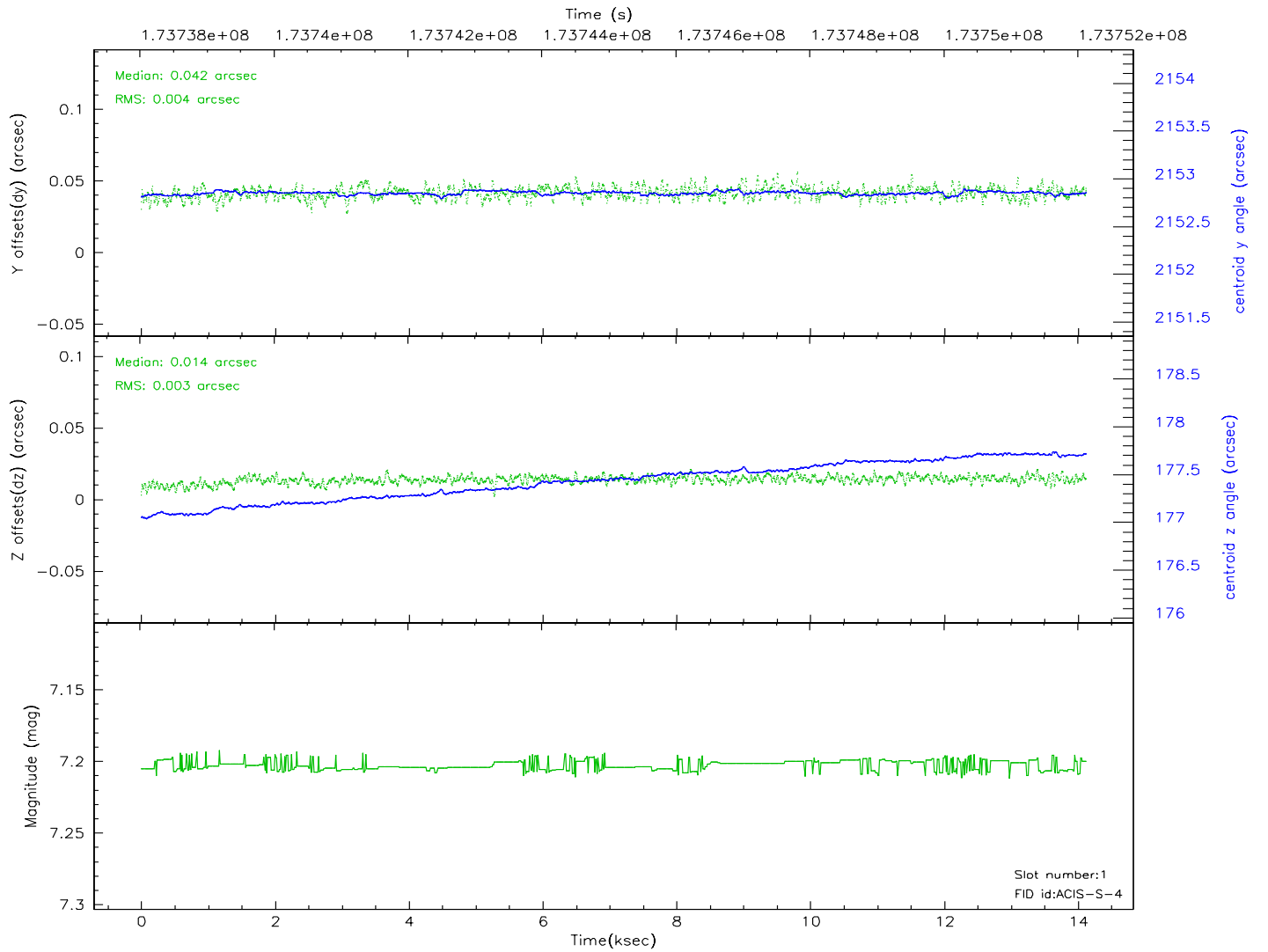
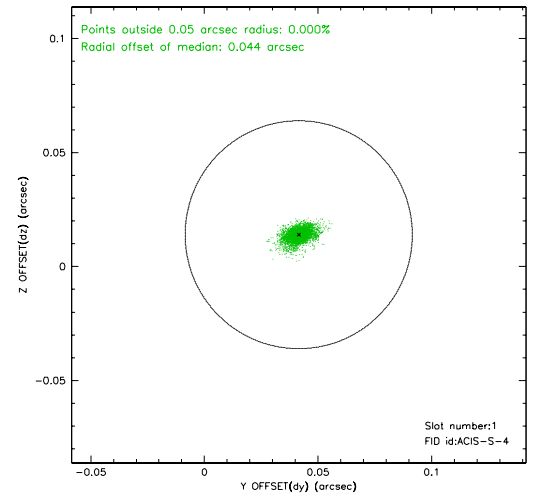
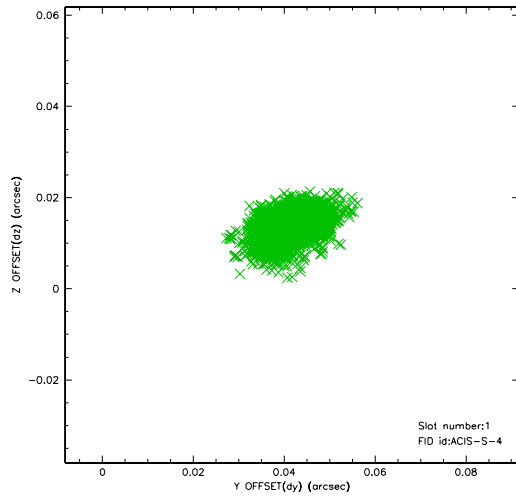


2.5 FID Slots

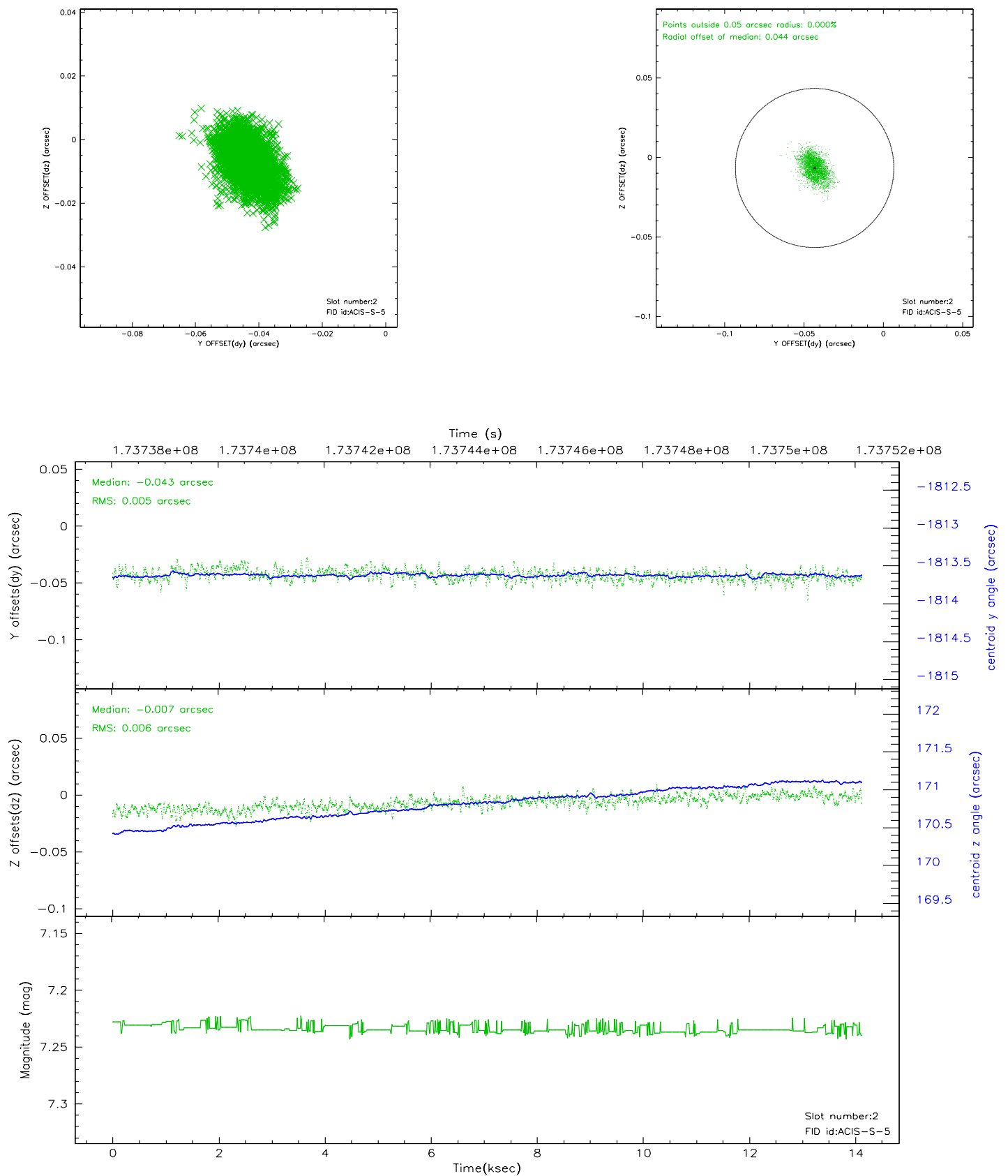
2.5.1 Slot 0



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)	2006.08.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	14.127

A.2 Comments