

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 4871 - L2 Version 001
Chandra X-Ray Center

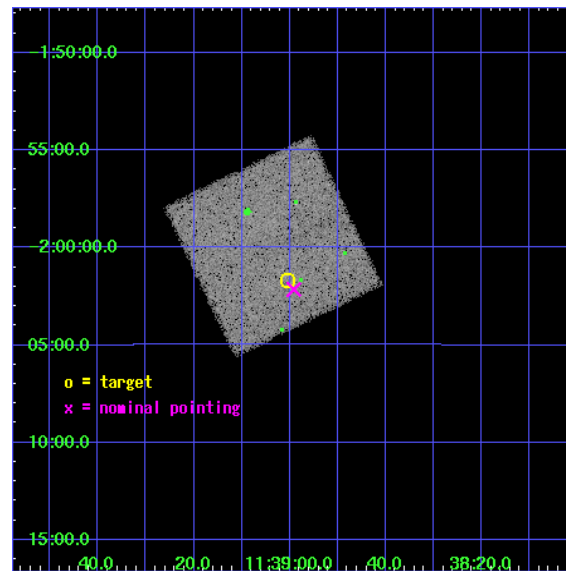
L2 Processing Date : Apr 28 2006

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1 Front

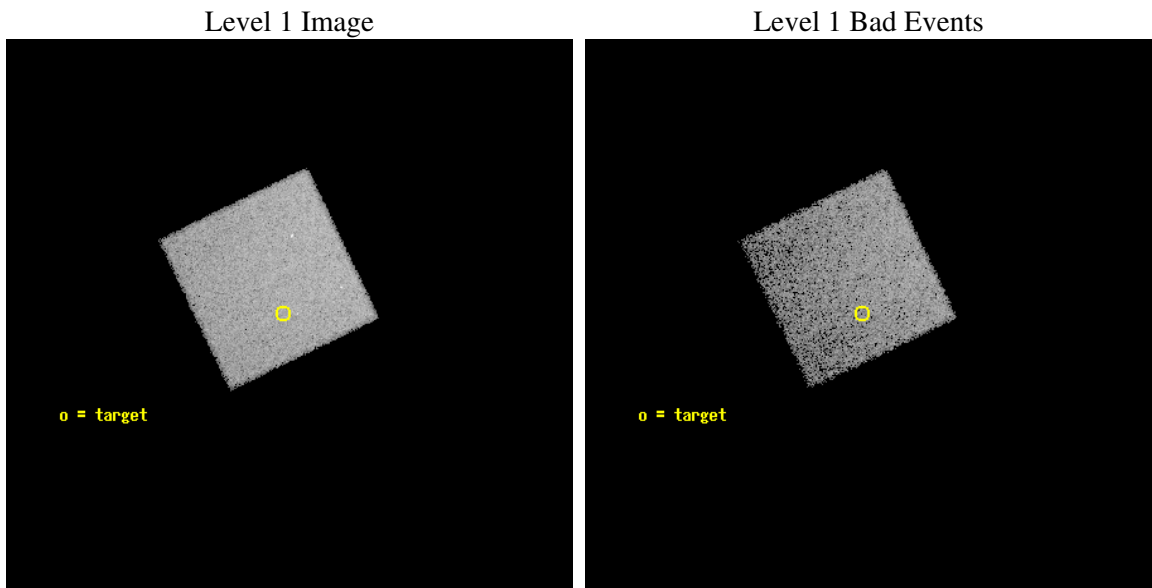
seq_num	700953
obs_id	4871
title	UNCOVERING THE HIDDEN POPULATION OF BL LACS
observer	Dr Nicola Loaring
object	2QZ J113900.5-020140
dtcycle	0
cycle	P
ra_targ	174.752083
dec_targ	-2.028028
ra_nom	174.74645918677
dec_nom	-2.0358442017656
roll_nom	244.20965695852
revision	2
ontime	15147.0
livetime	14942.5854313
ontime7	15147.0
l2events	56053



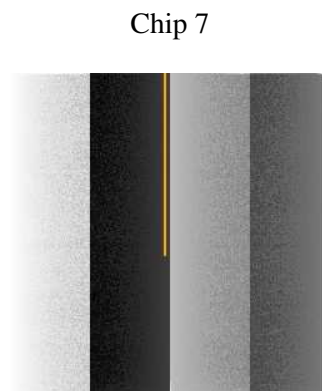
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.2
caldbver	3.2.1
date	2006-04-28T04:38:00
revision	2

sched_exp_time	15000.000000
ontime	16184.228269041
ontime7	16184.228269041
l1events	158429

2.1.4 Events

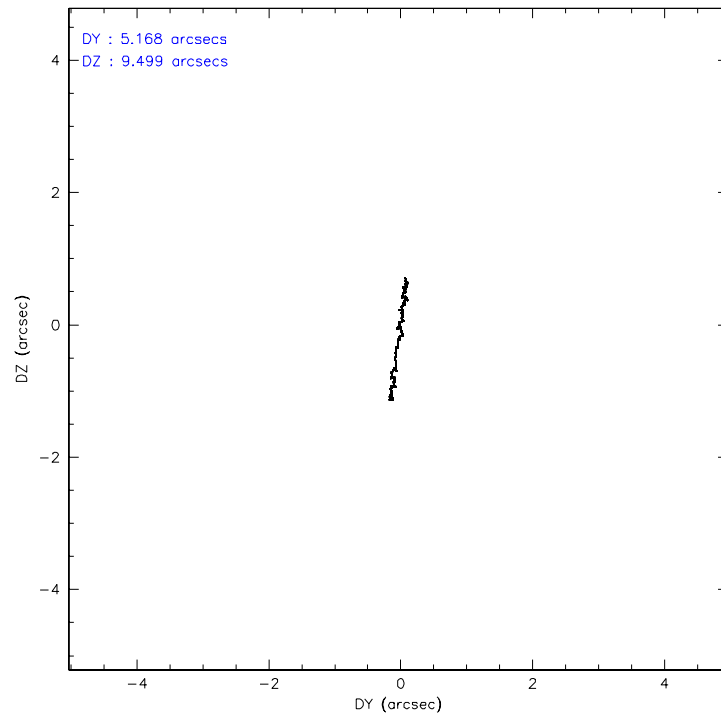
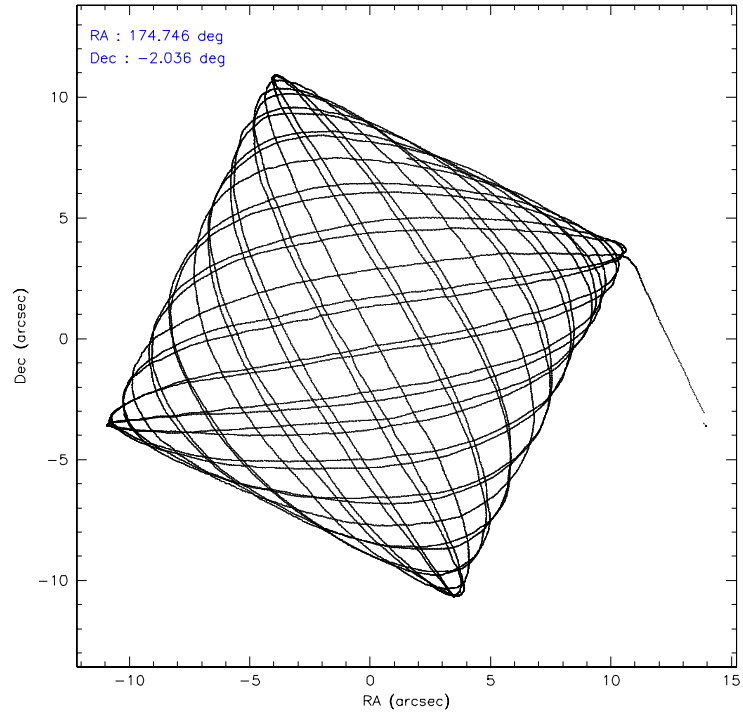
	ccd 7
level 1 events	158429
rejected events	100884
rejected %	63%

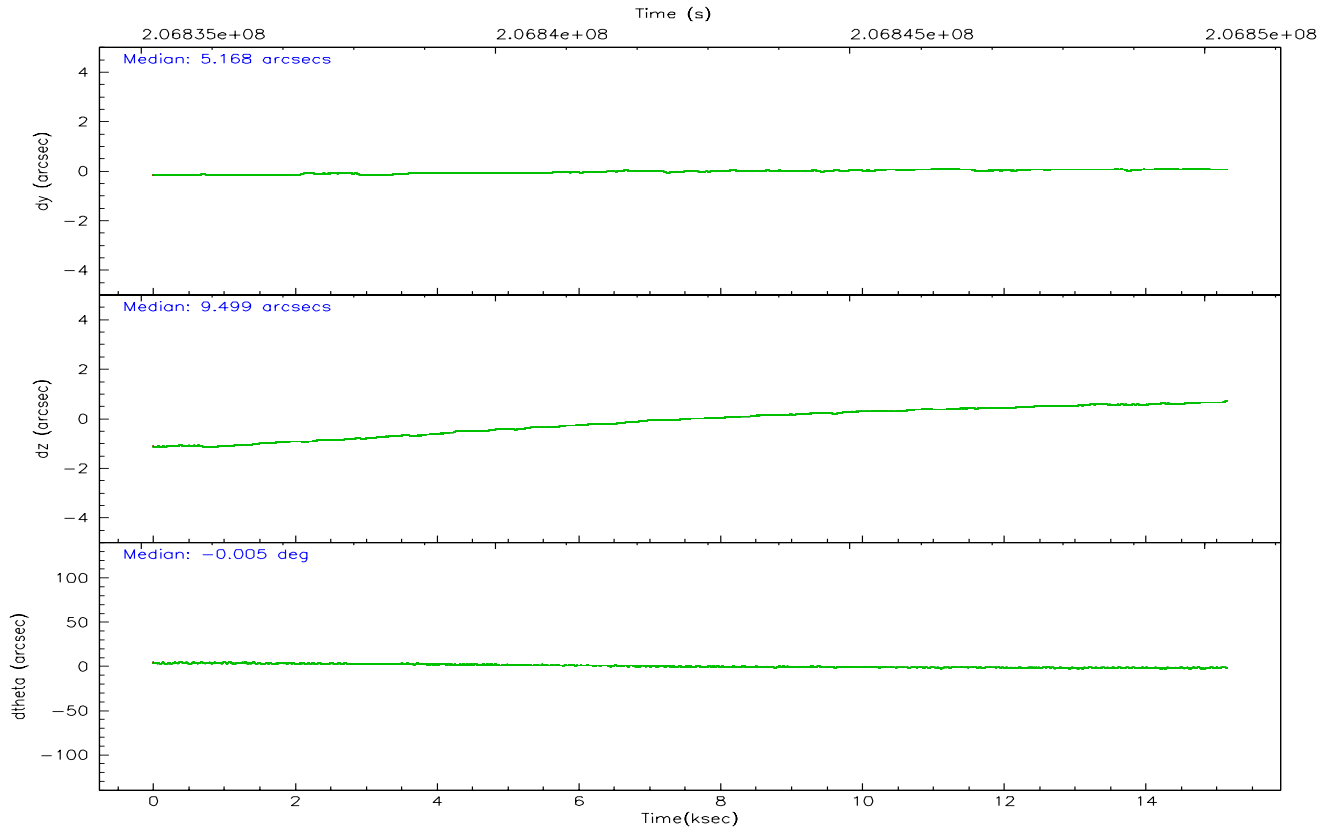
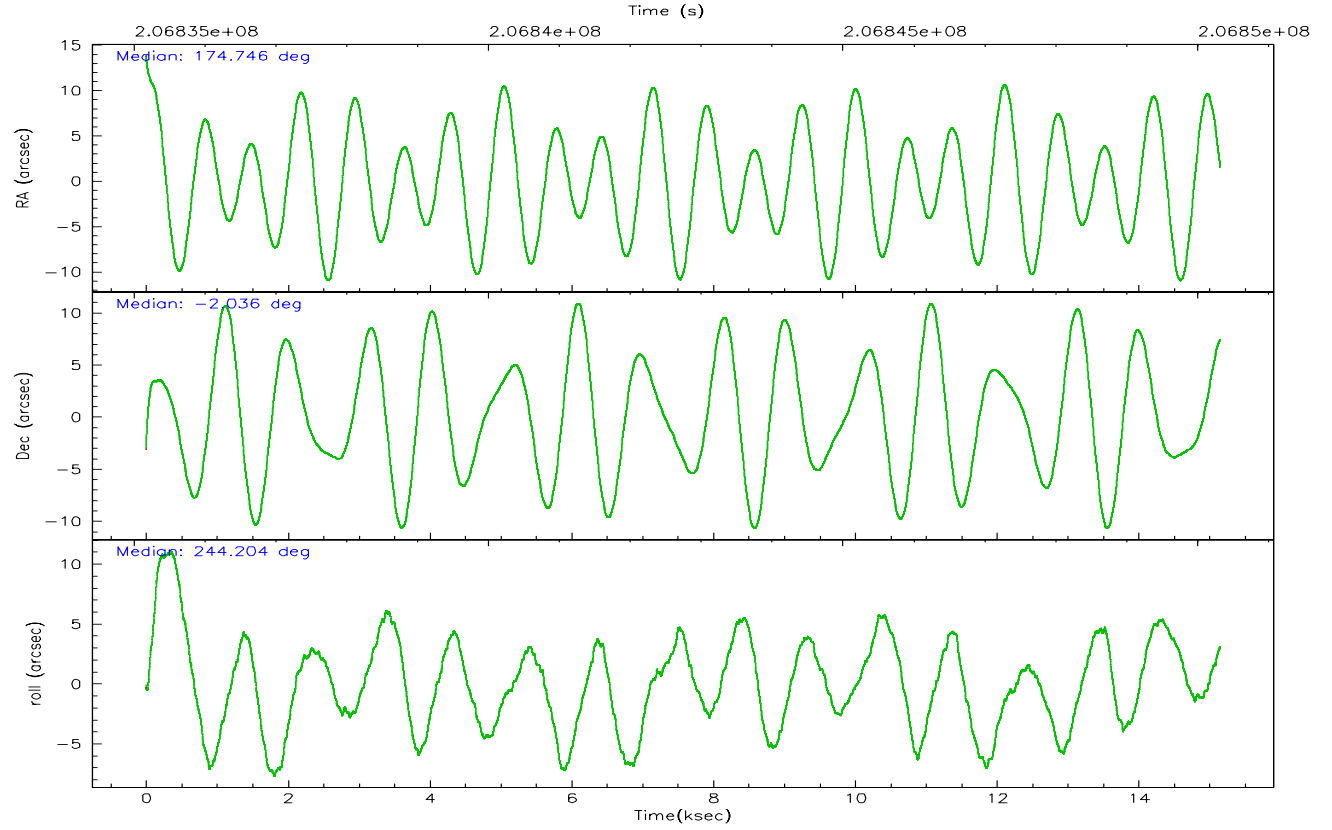
	ccd 7
grade 0 events	3687
	2%
grade 1 events	86
	0%
grade 2 events	15152
	9%
grade 3 events	3133
	1%
grade 4 events	3079
	1%
grade 5 events	10475
	6%
grade 6 events	36360
	22%
grade 7 events	86457
	54%

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	NONE	NONE
Pointing RA	174.744043	174.7464591867668	Alternating exposures requested	N	N
Pointing Dec	-2.008729	-2.035844201765633	Primary exposure time	0.000000	3
Pointing Roll	244.052946	244.20965695852			
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	206835313.184000	206834082.44412			
Observation start date	2004-07-21T22:14:09	2004-07-21T21:54:42			
Observation end time	206850313.184000	206851269.64489			
Observation end date	2004-07-22T02:24:09	2004-07-22T02:41:09			
Read mode	TIMED	TIMED			

2.3 Aspect



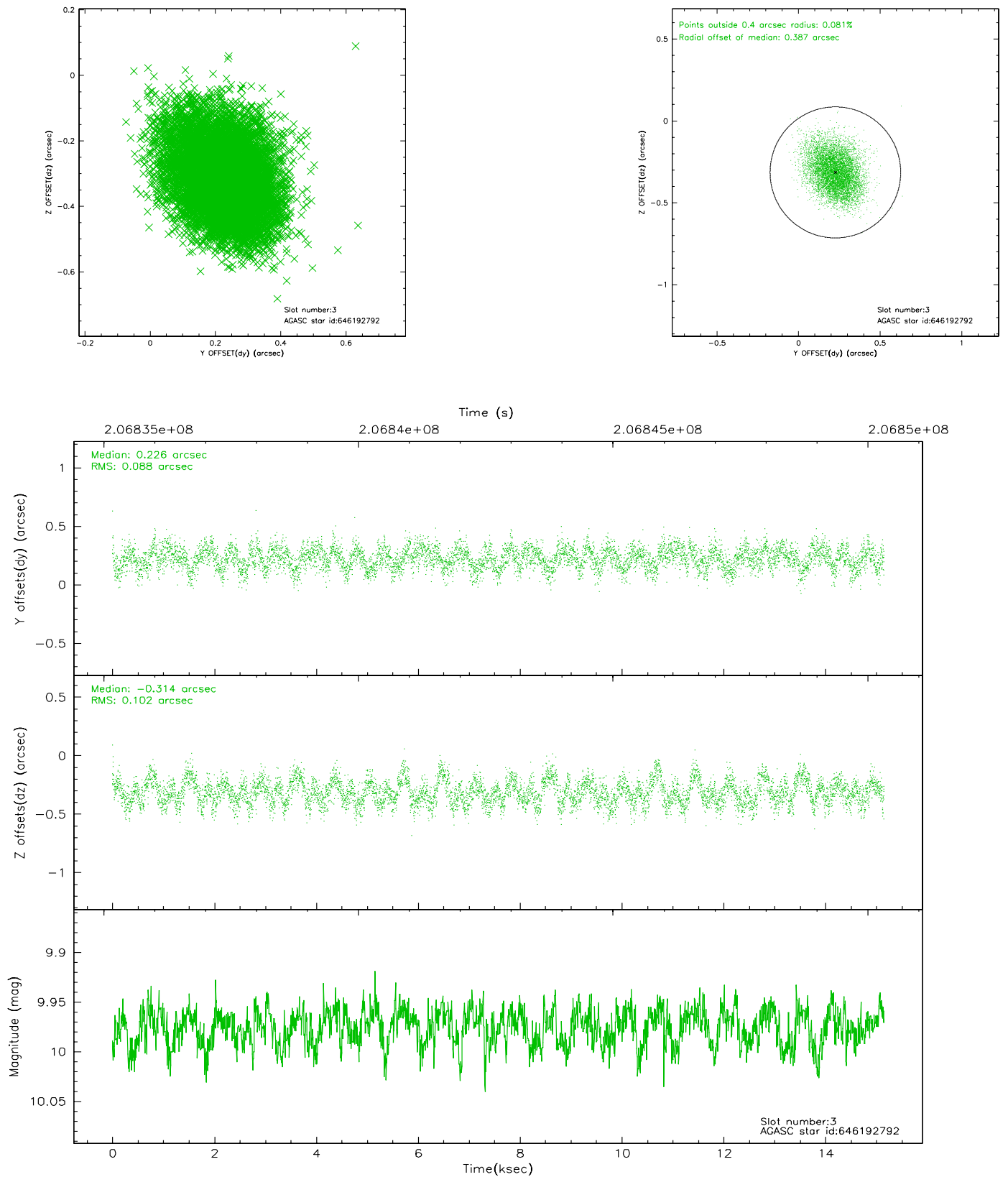


Slot Statistics

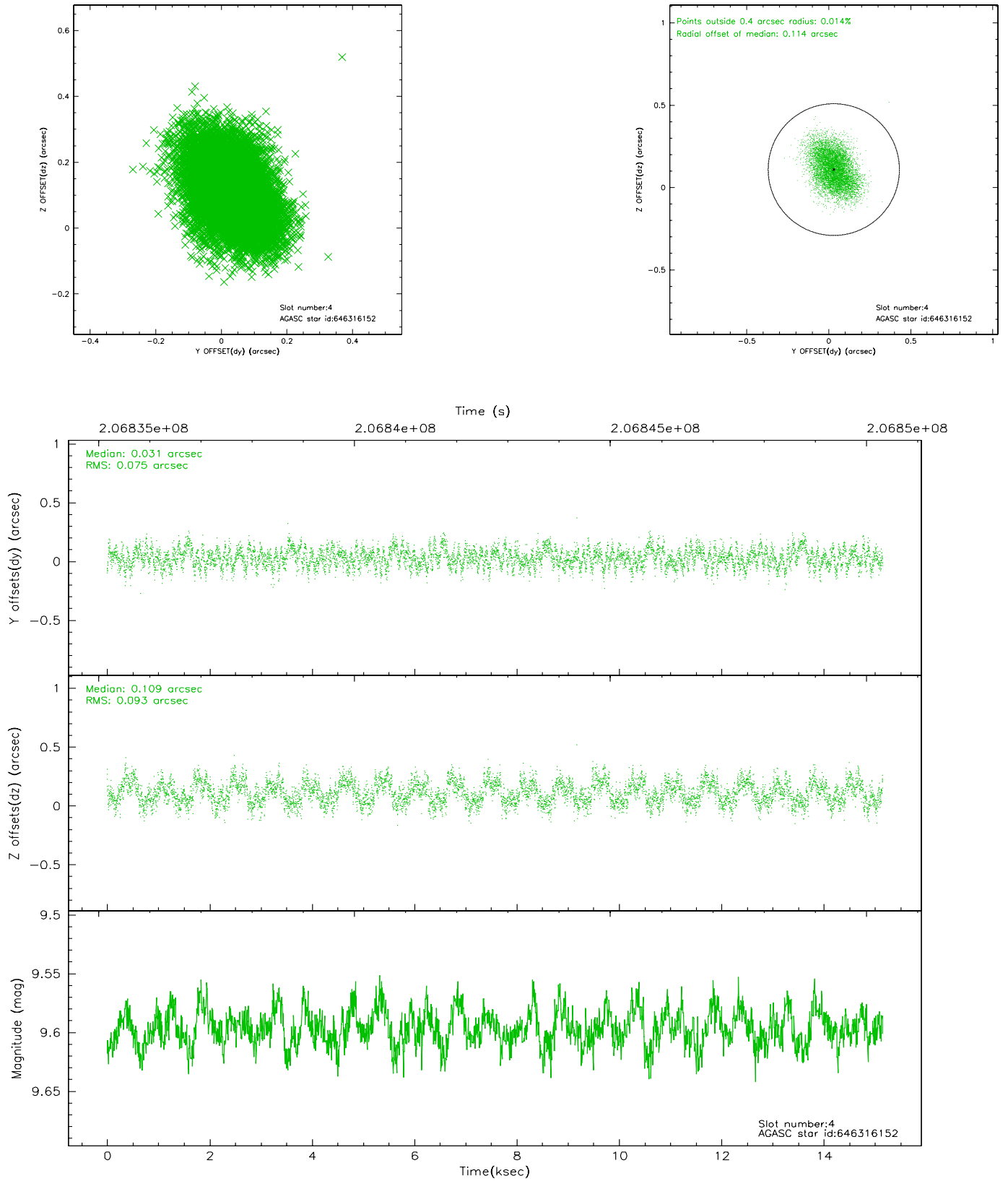
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	3696	-0.056	-0.028	0.017	0.026	0.000000	0.000000	-757.89	-1730.64
1	FID	ACIS-S-4	7.20	3696	0.088	0.034	0.006	0.012	0.000000	0.000000	2155.38	177.61
2	FID	ACIS-S-5	7.23	3696	-0.065	0.002	0.016	0.025	0.000000	0.000000	-1810.37	171.57
3	GUIDE	646192792	9.97	7380	0.226	-0.314	0.144	0.231	174.005236	-2.295544	2092.63	-1938.09
4	GUIDE	646316152	9.60	7384	0.031	0.109	0.129	0.204	175.128060	-2.459624	855.90	1952.31
5	GUIDE	646322952	9.79	7384	-0.198	0.151	0.122	0.199	175.354154	-1.823942	-1558.04	1683.11
6	GUIDE	646324808	8.39	7390	-0.147	0.012	0.064	0.105	175.125728	-1.837660	-1154.62	965.37
7	GUIDE	646580040	8.80	7390	0.090	0.044	0.073	0.117	174.871949	-2.716414	2089.81	1528.58

2.4 Star Slots

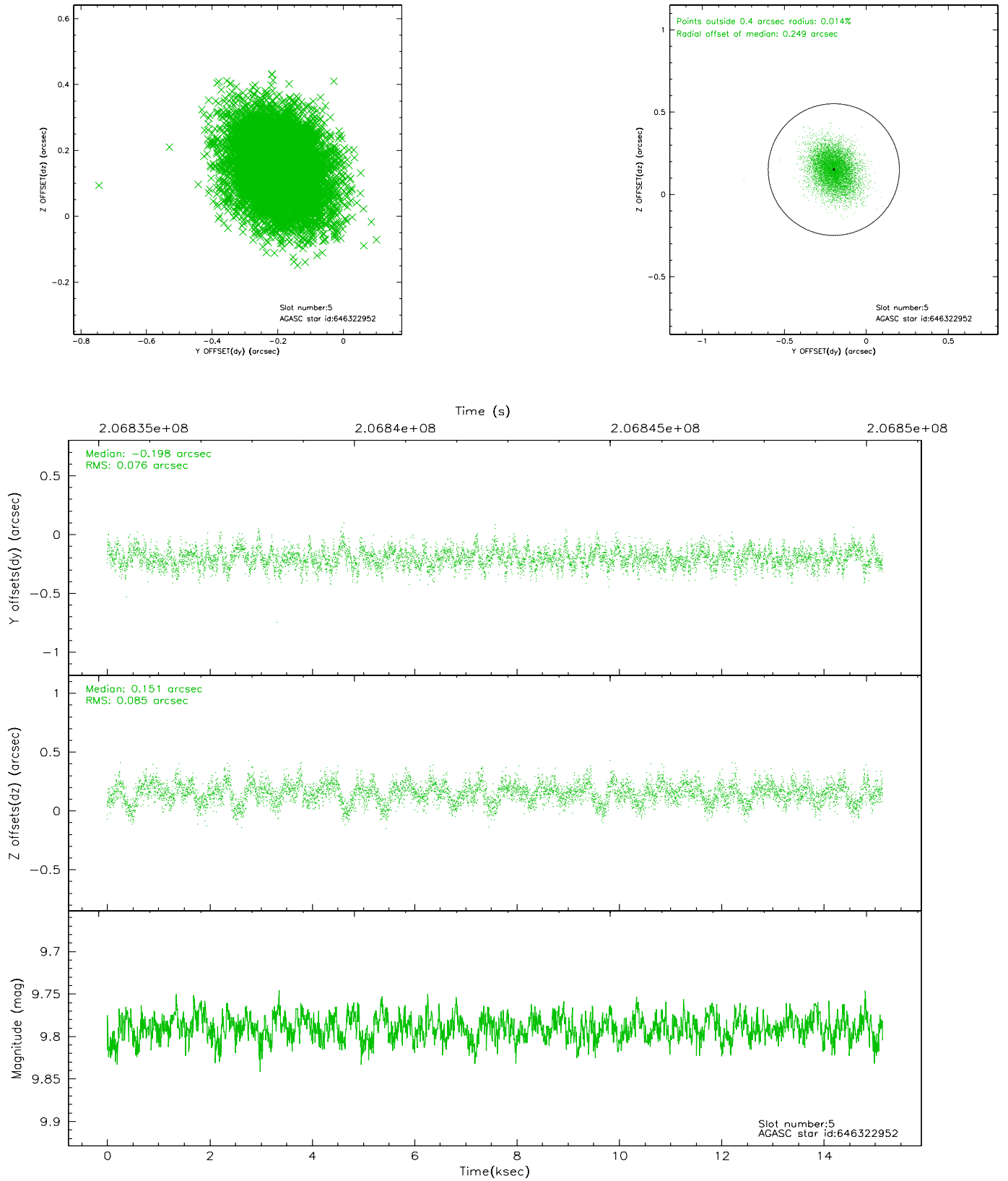
2.4.1 Slot 3



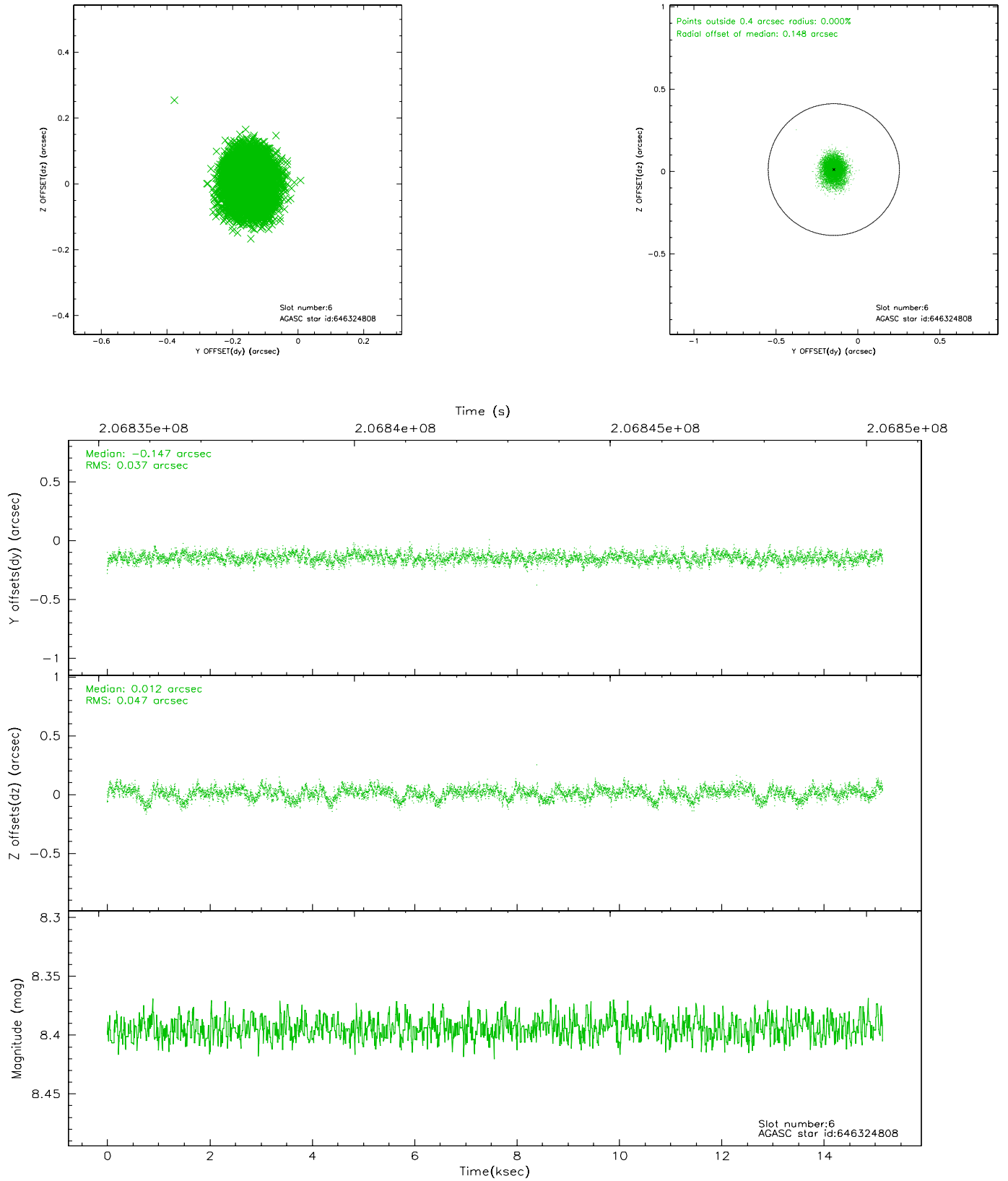
2.4.2 Slot 4



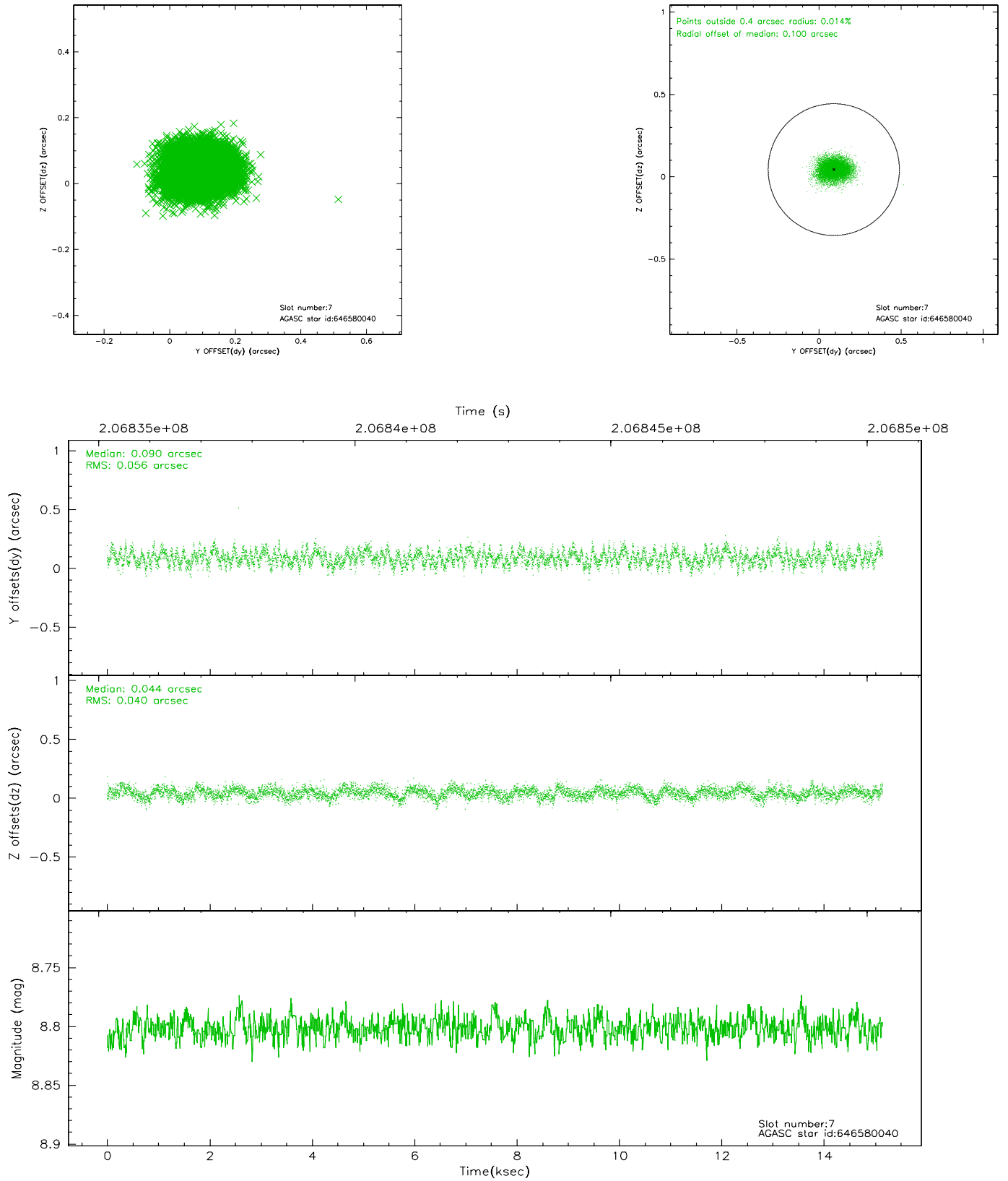
2.4.3 Slot 5



2.4.4 Slot 6

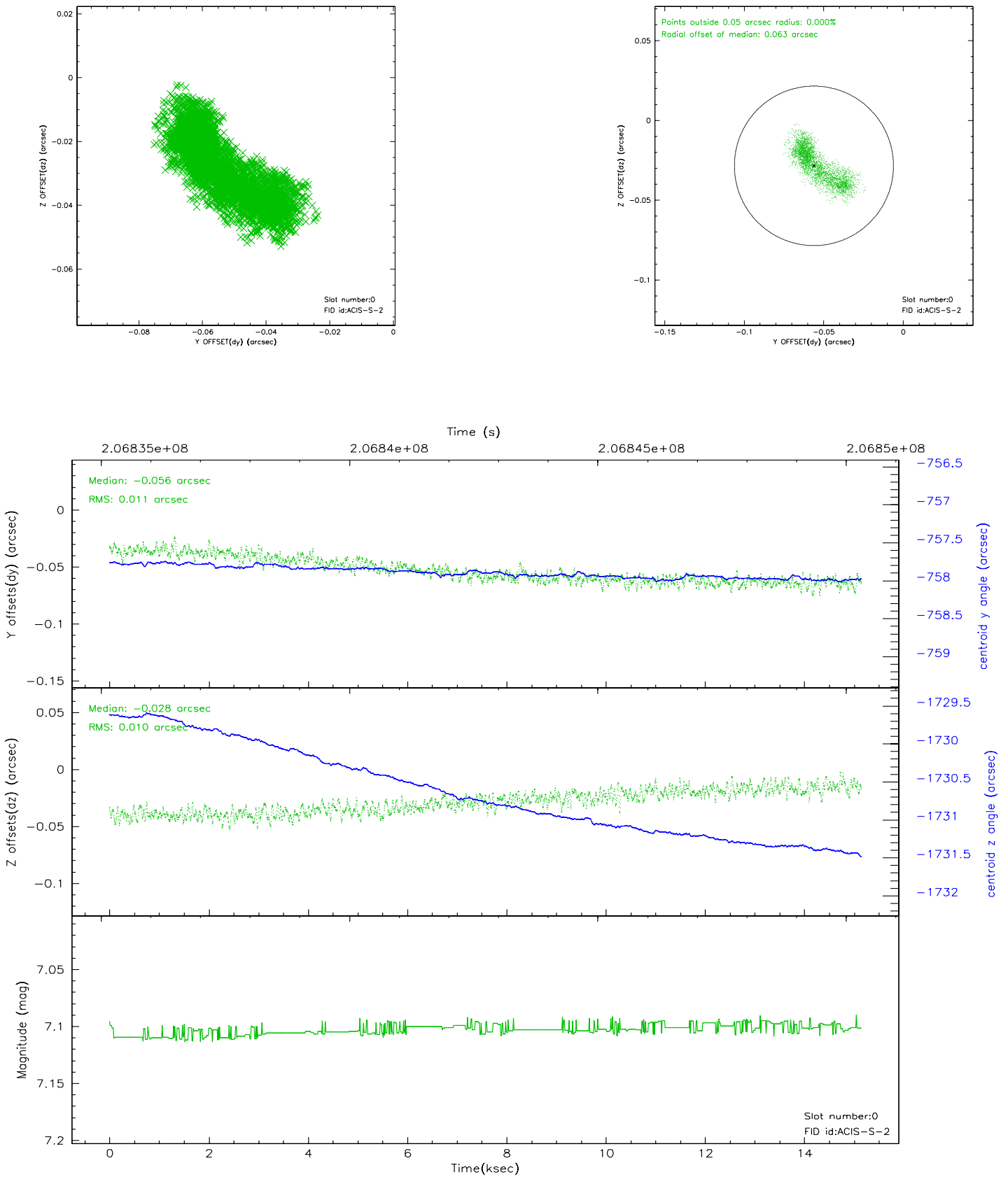


2.4.5 Slot 7

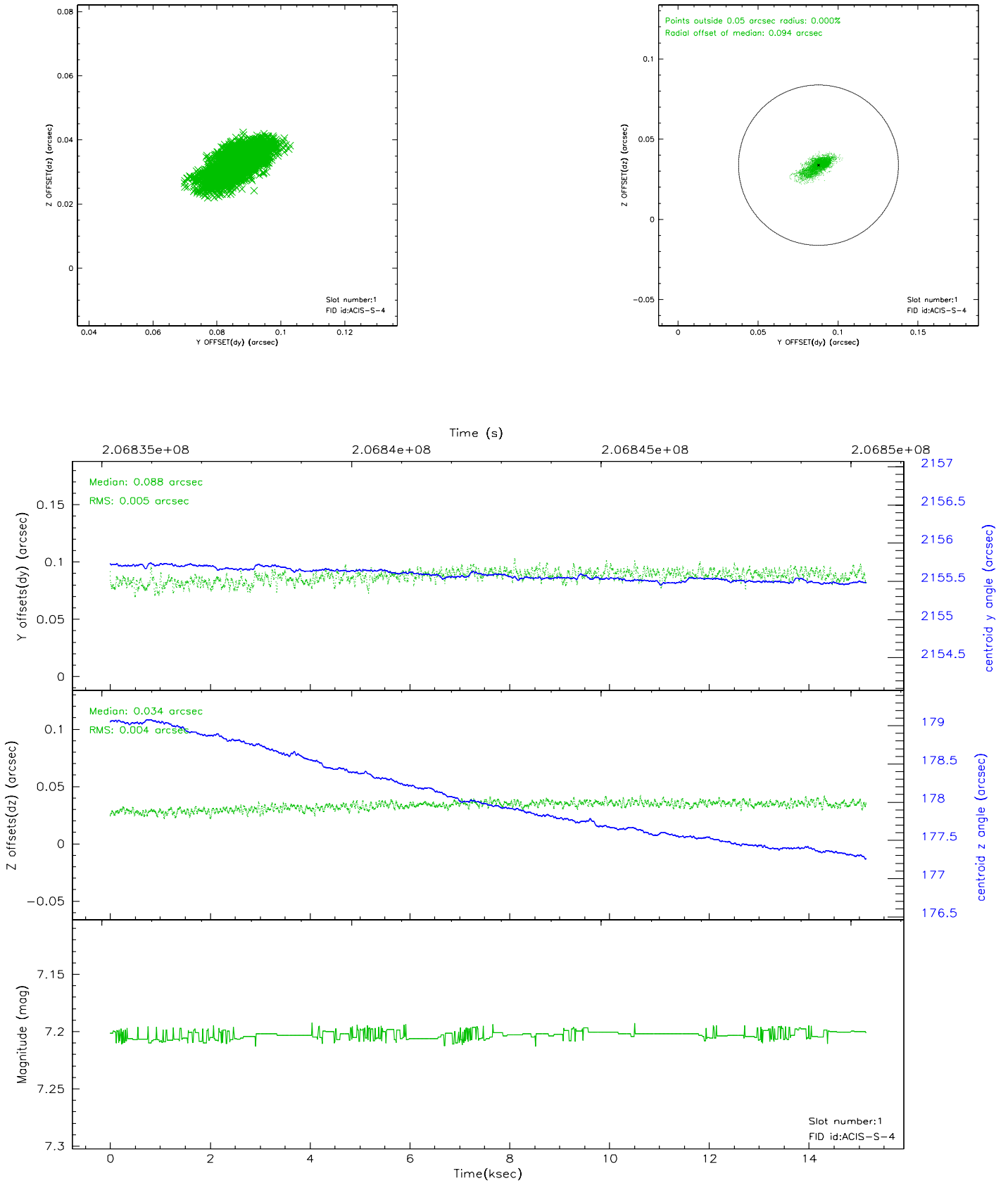


2.5 FID Slots

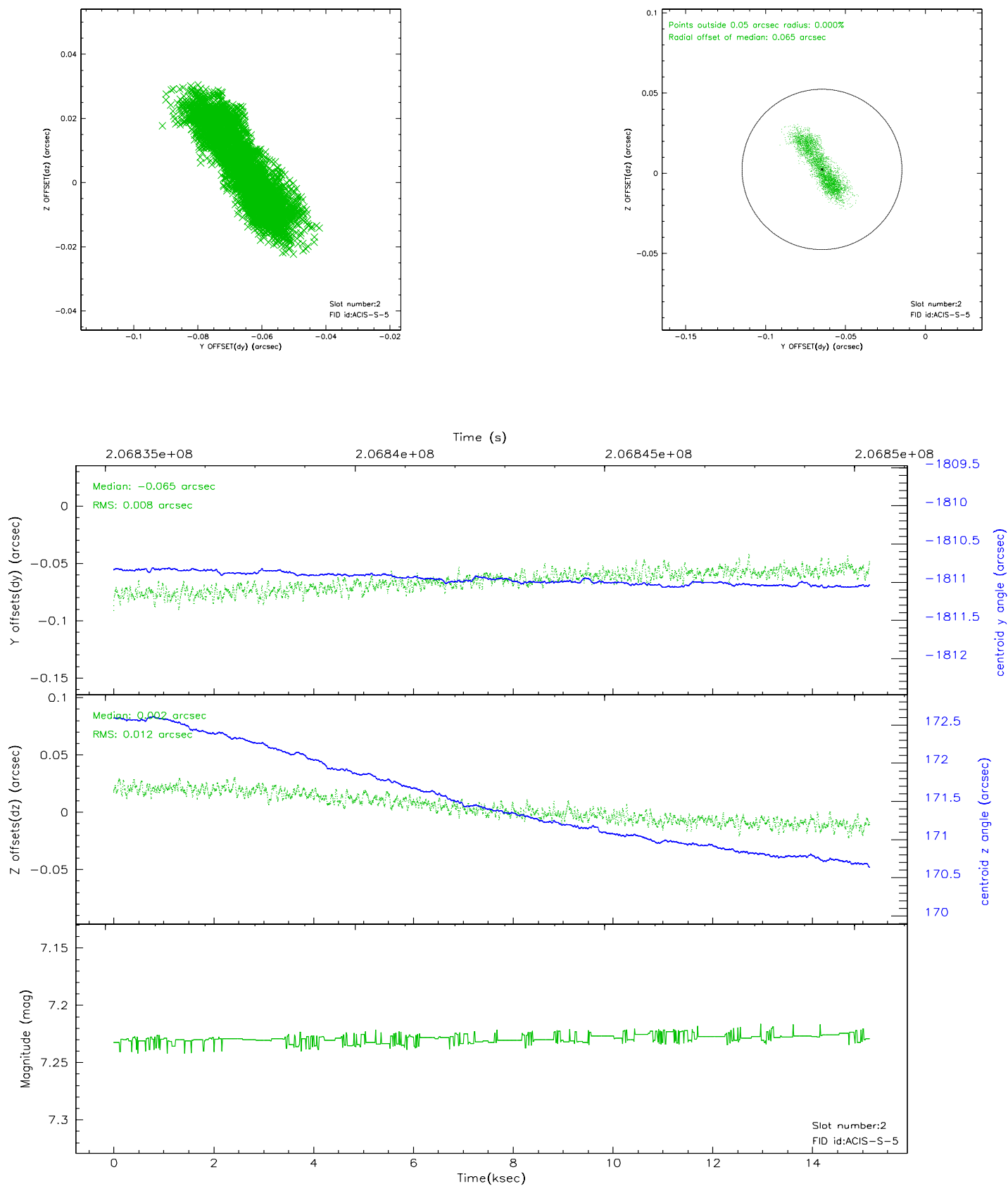
2.5.1 Slot 0



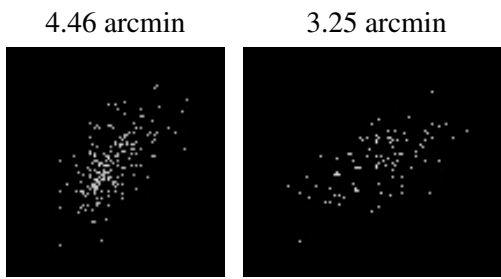
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.04.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	15.147

A.2 Comments

The ACIS focal plane temperature decreased by a degree over the course of the observation.