

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2315 - L2 Version 001
Chandra X-Ray Center

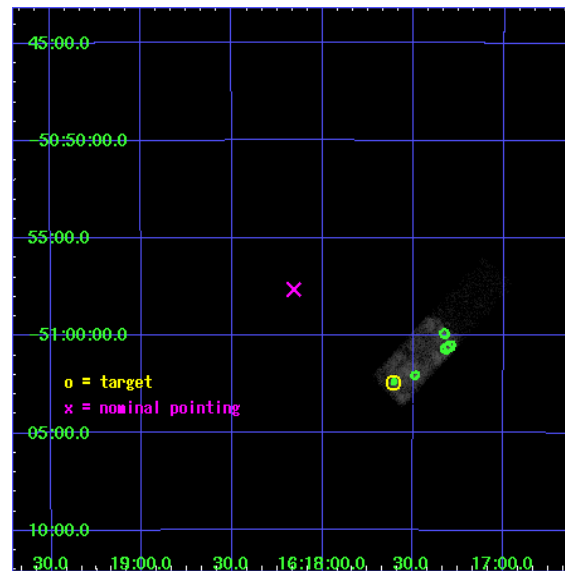
L2 Processing Date : Nov 29 2006

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1 Front

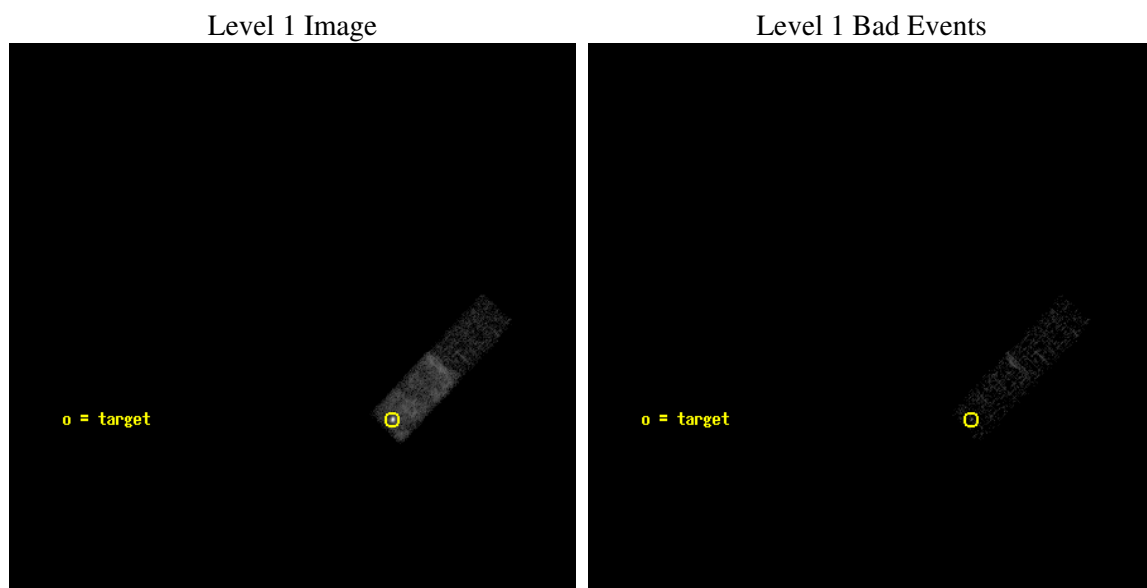
seq_num	500192
obs_id	2315
title	OBSERVATION OF SNR RCW103
observer	Professor Gordon Garmire
object	RCW103
dtcycle	0
cycle	P
ra_targ	244.401292
dec_targ	-51.0402
ra_nom	244.53952895647
dec_nom	-50.960846355129
roll_nom	43.468182986714
revision	2
ontime	4023.1999850124
livetime	3826.8809902144
ontime3	4023.1999850124
l2events	18073



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 3



2.1.3 Parameters

obi_num	1
ascdsver	7.6.9
caldbver	3.2.4
date	2006-11-29T11:41:43
revision	2

sched_exp_time	3200.000000
ontime	4024.3353661895
ontime3	4024.3353661895
l1events	26404

2.1.4 Events

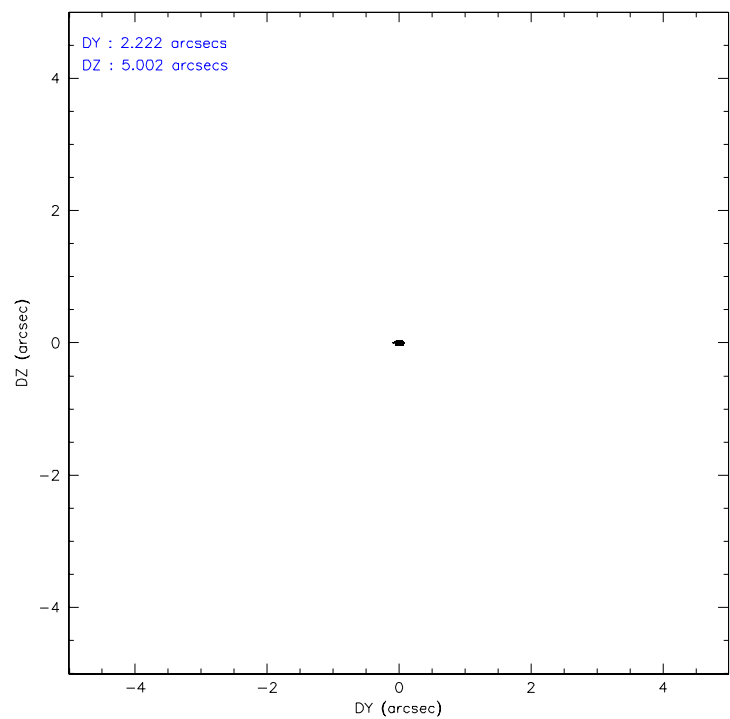
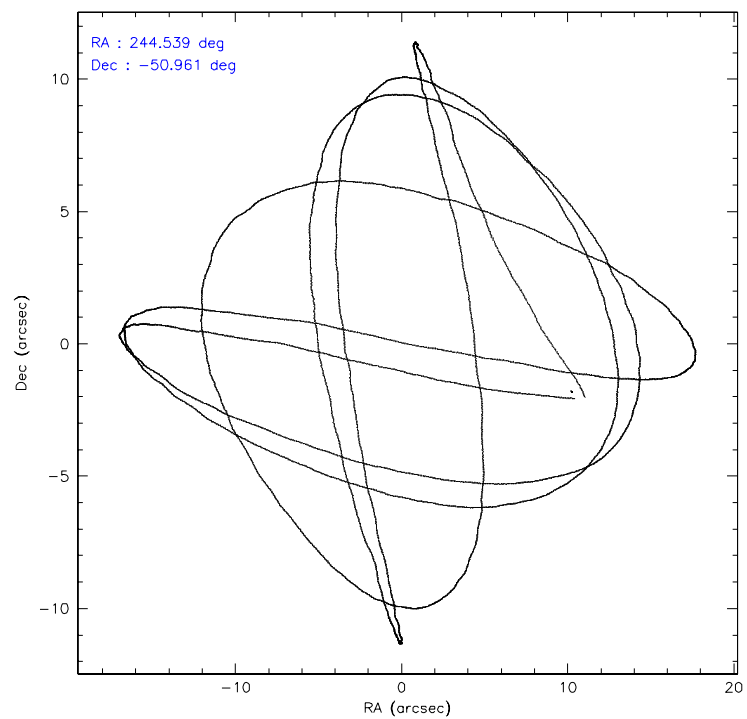
	ccd 3
level 1 events	26404
rejected events	7861
rejected %	29%

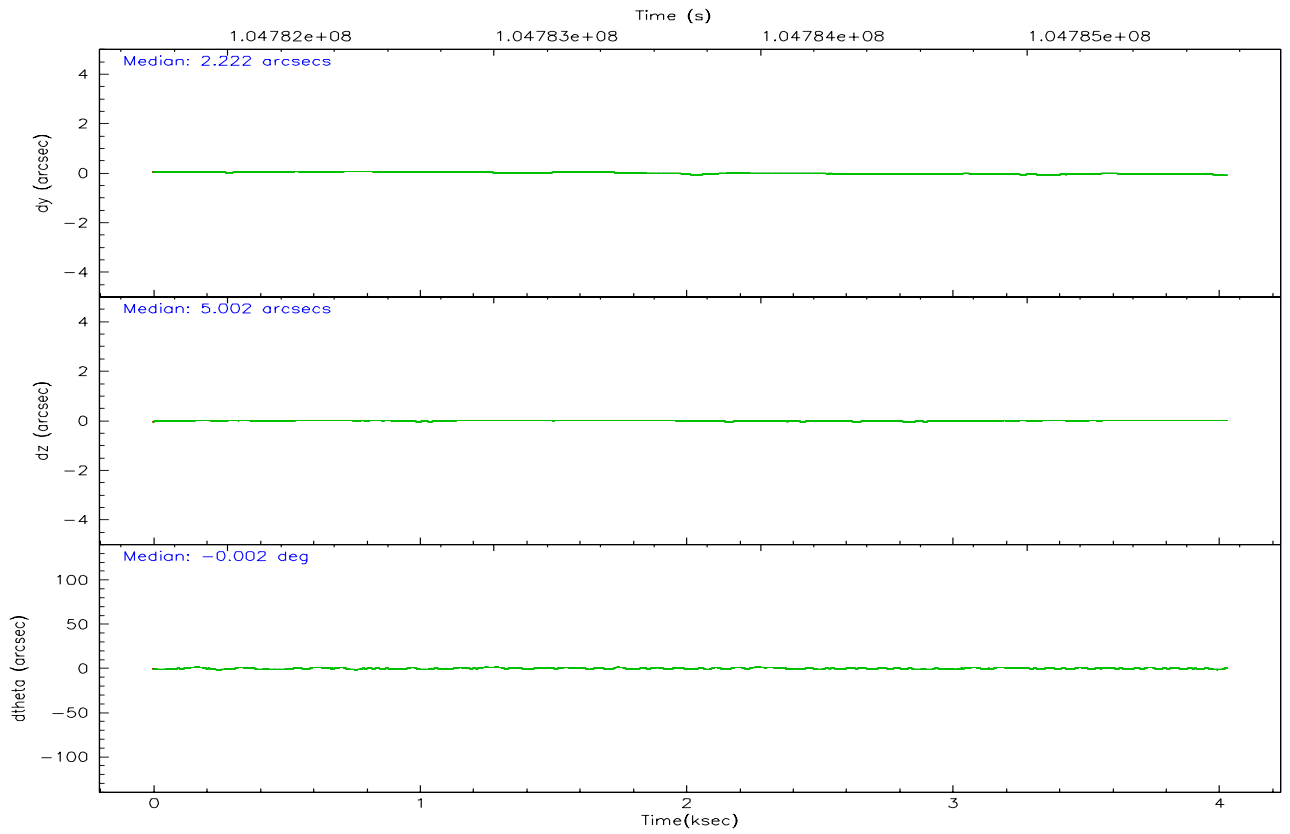
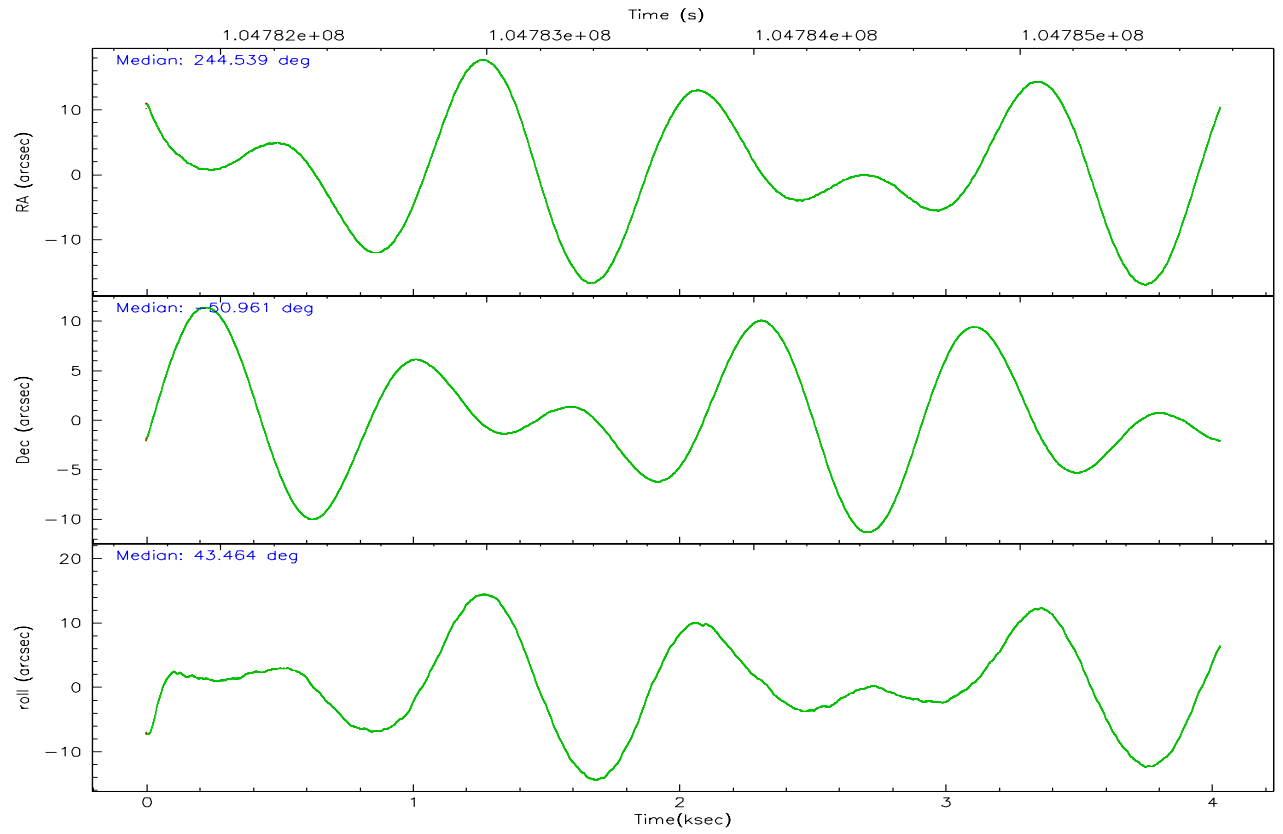
	ccd 3
grade 0 events	14823
	56%
grade 1 events	55
	0%
grade 2 events	1901
	7%
grade 3 events	677
	2%
grade 4 events	642
	2%
grade 5 events	245
	0%
grade 6 events	507
	1%
grade 7 events	7554
	28%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-3	ACIS-3	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	244.527264	244.5395289564704	Subarray requested	CUSTOM	1/4
Pointing Dec	-50.987277	-50.96084635512912	Subarray start row	1	1
Pointing Roll	43.249988	43.46818298671419	Subarray row count	256	256
Window start time	104544064.184000	104544064.184000	Alternating exposures requested	N	N
Window stop time	106272064.184000	106272064.184000	Primary exposure time	0.000000	0.8
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-233.592463	-233.5874344608287			
SIM translation stage offset (mm)	0	-0.005018542100998502			
Observation start time	104782549.184000	104781271.34058			
Observation start date	2001-04-27T18:14:45	2001-04-27T17:54:31			
Observation end time	104785749.184000	104786964.7033			
Observation end date	2001-04-27T19:08:05	2001-04-27T19:29:24			
Read mode	TIMED	TIMED			

2.3 Aspect



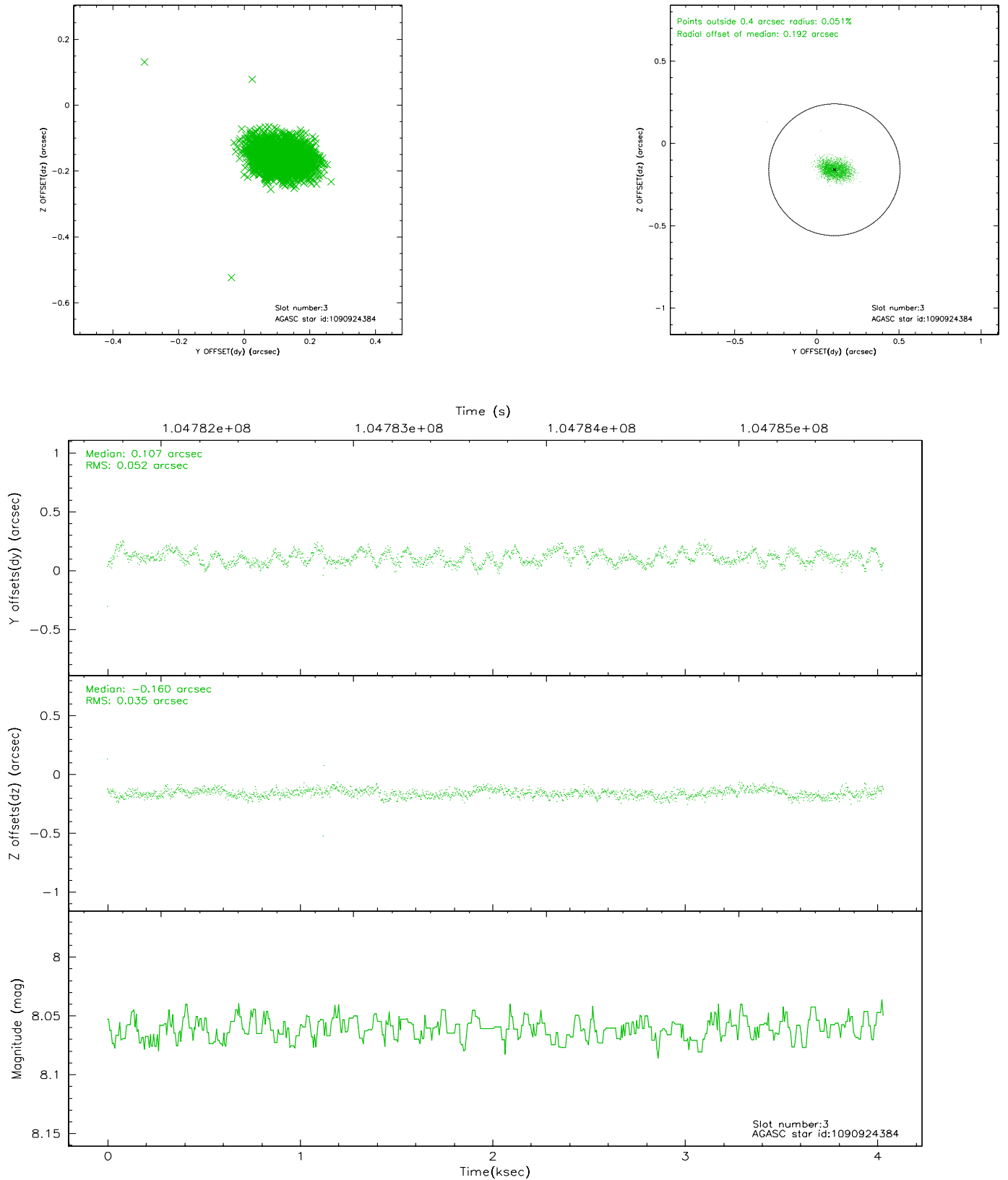


Slot Statistics

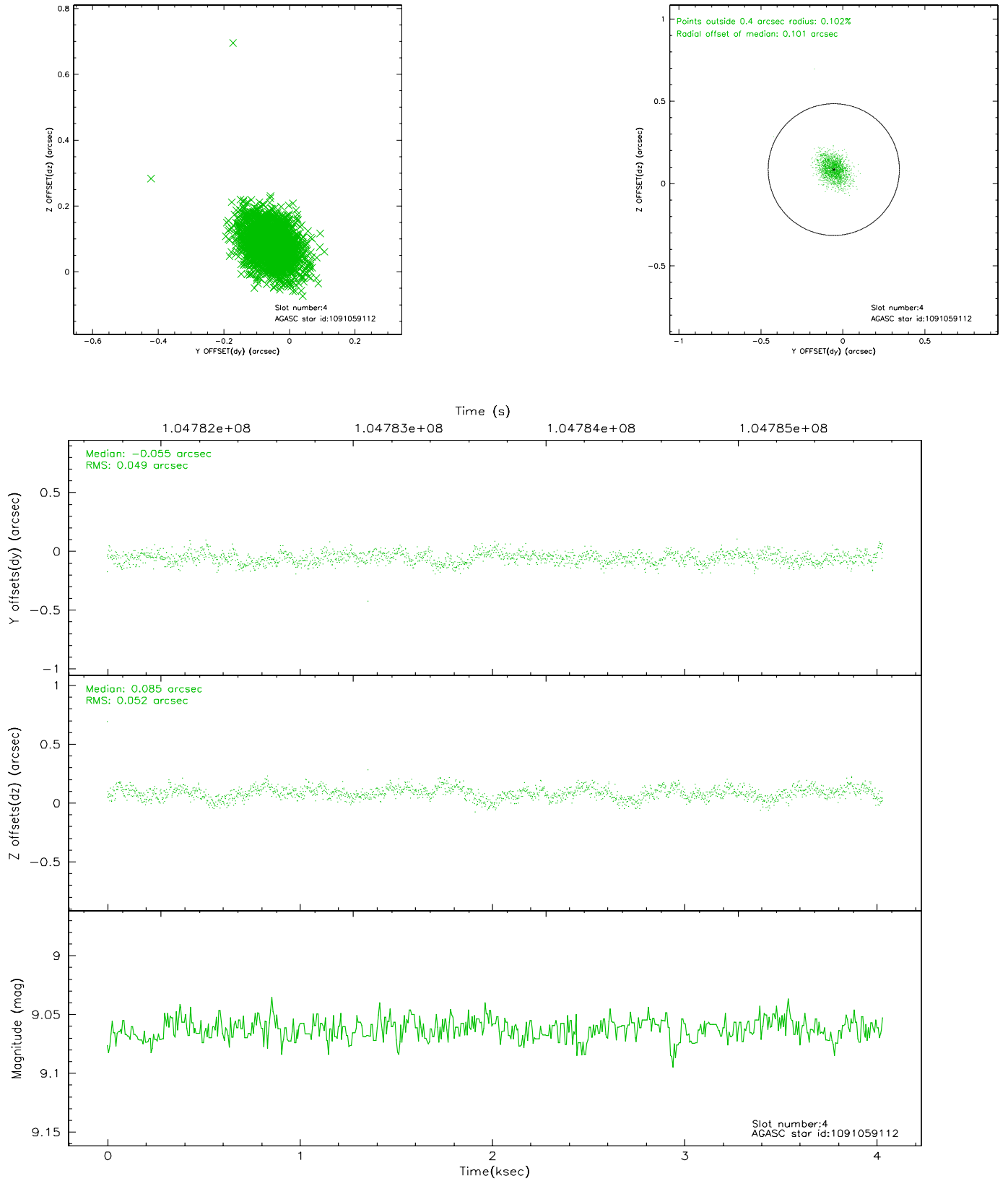
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	984	-0.060	0.081	0.009	0.017	0.000000	0.000000	937.53	-828.26
1	FID	ACIS-I-4	7.19	984	-0.020	-0.004	0.009	0.015	0.000000	0.000000	2158.49	1070.69
2	FID	ACIS-I-5	7.23	984	-0.019	-0.006	0.008	0.014	0.000000	0.000000	-1808.43	1070.31
3	GUIDE	1090924384	8.06	1968	0.107	-0.160	0.065	0.105	243.330505	-50.934017	-1861.11	1982.67
4	GUIDE	1091059112	9.06	1967	-0.055	0.085	0.074	0.124	245.180420	-50.736664	1696.90	-367.12
5	GUIDE	1090922592	8.69	1968	0.087	-0.198	0.080	0.126	243.541382	-50.784876	-1144.66	2055.33
6	GUIDE	1091057912	9.16	1968	-0.224	0.177	0.093	0.148	245.642757	-51.112070	1515.01	-2068.22
7	GUIDE	1090916640	8.92	1967	0.087	0.097	0.063	0.101	244.322461	-51.464734	-1511.50	-939.81

2.4 Star Slots

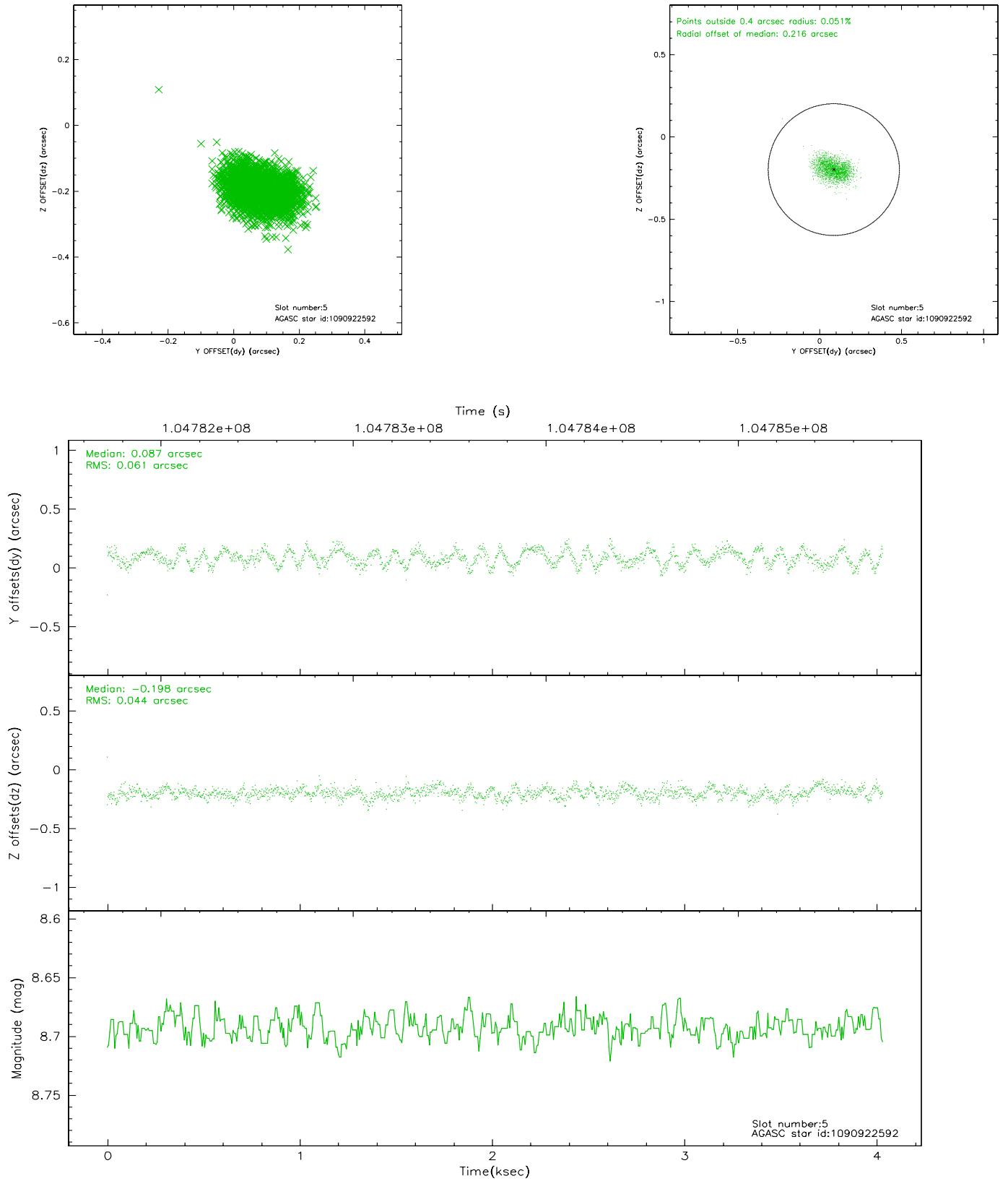
2.4.1 Slot 3



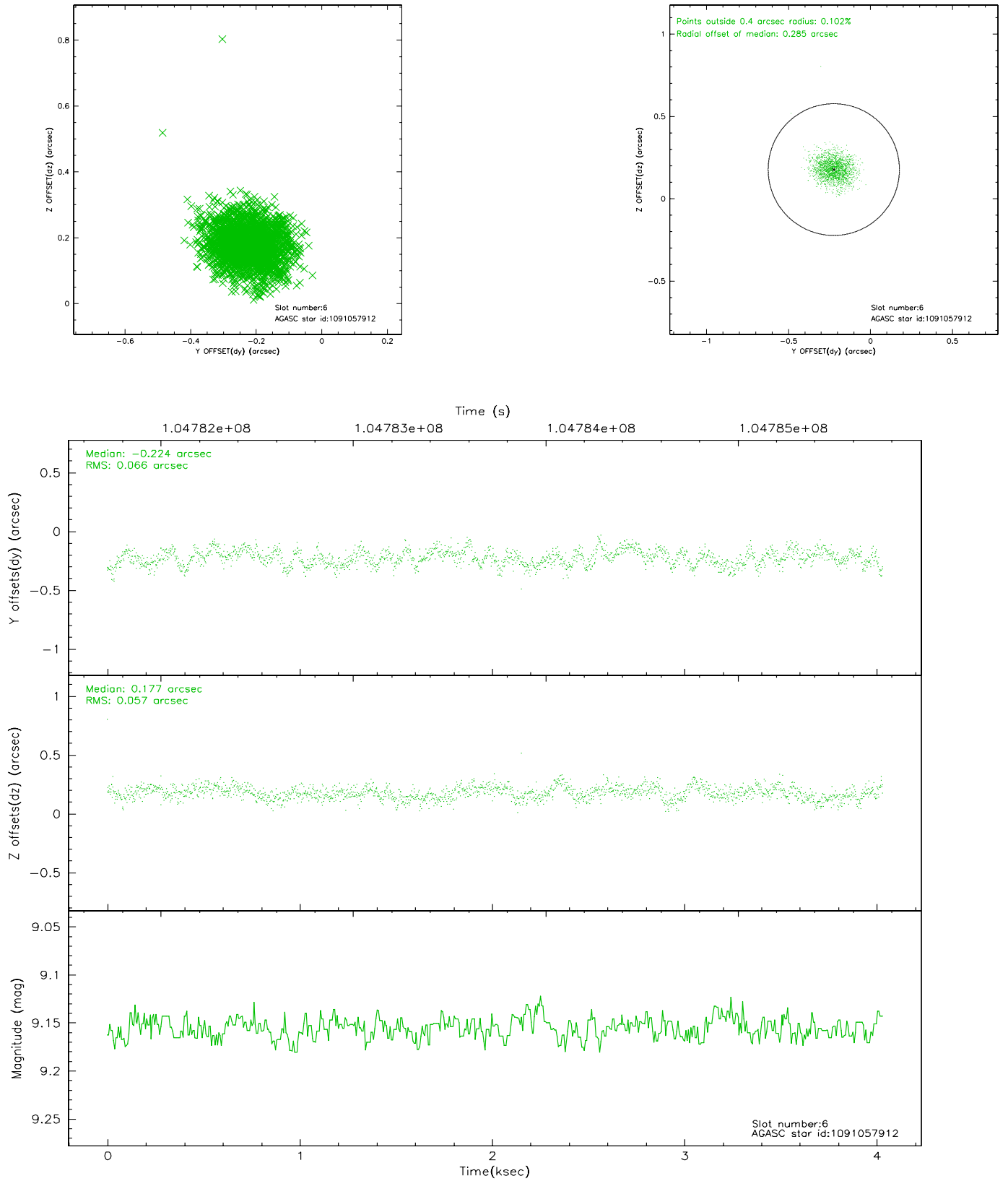
2.4.2 Slot 4



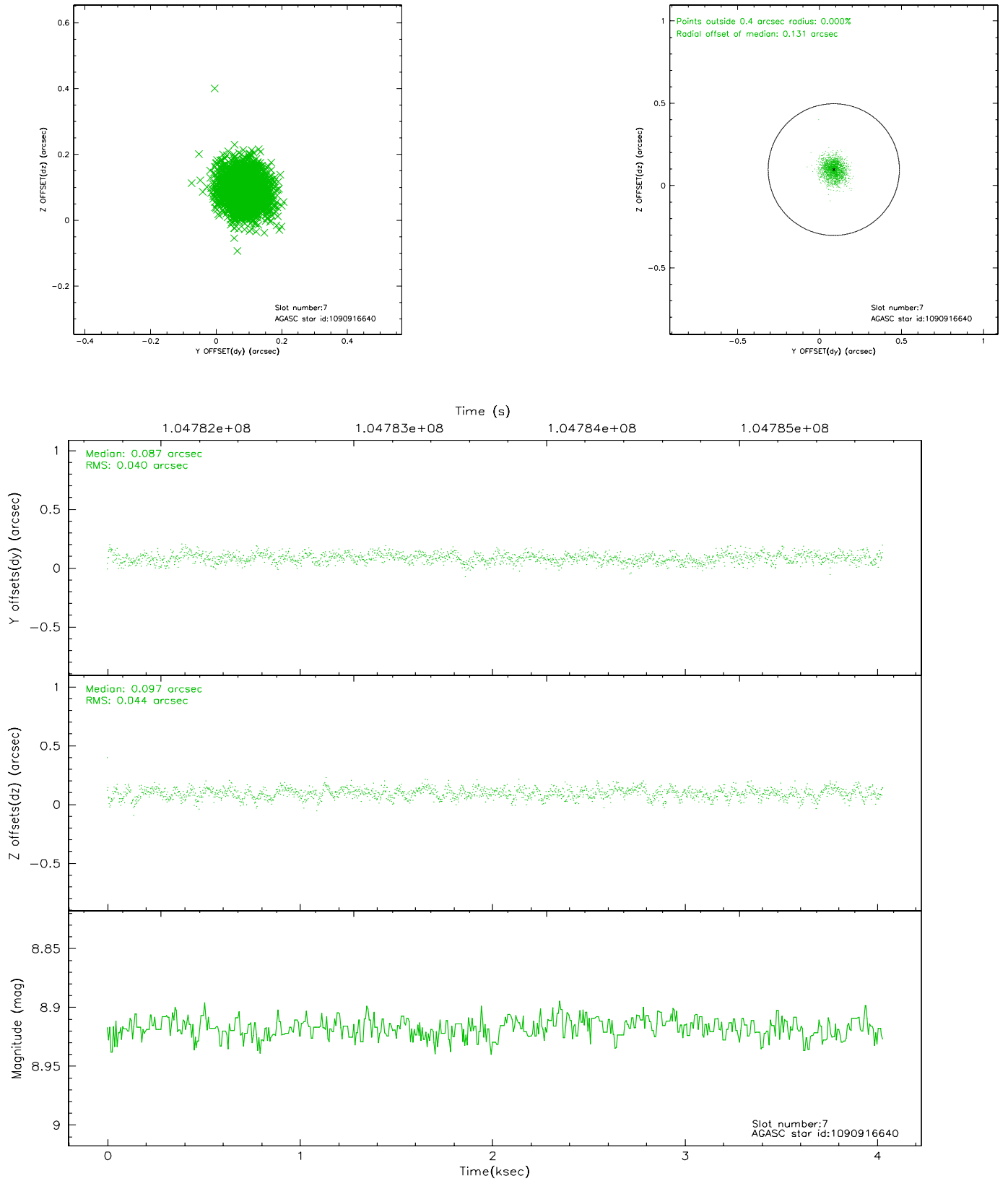
2.4.3 Slot 5



2.4.4 Slot 6

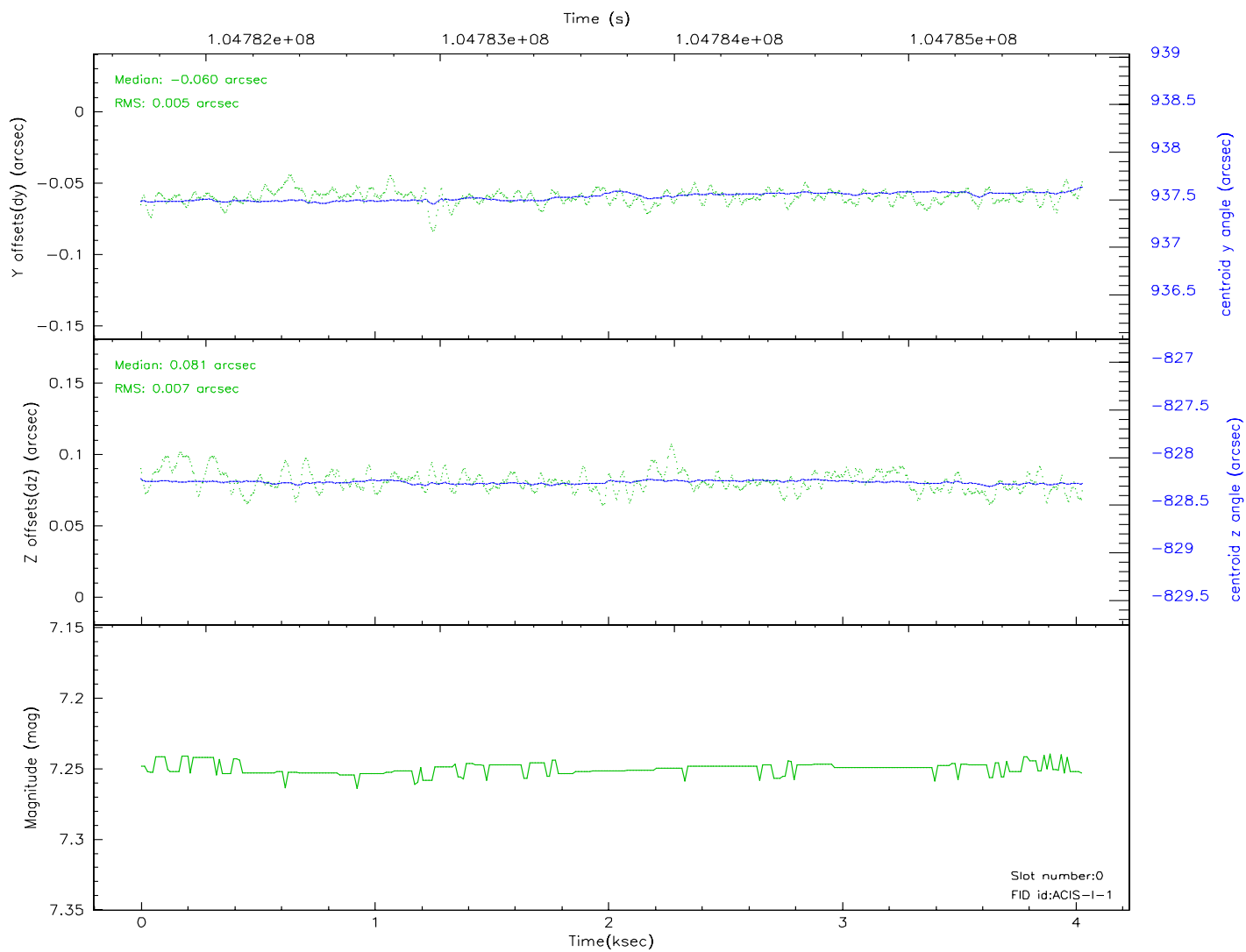
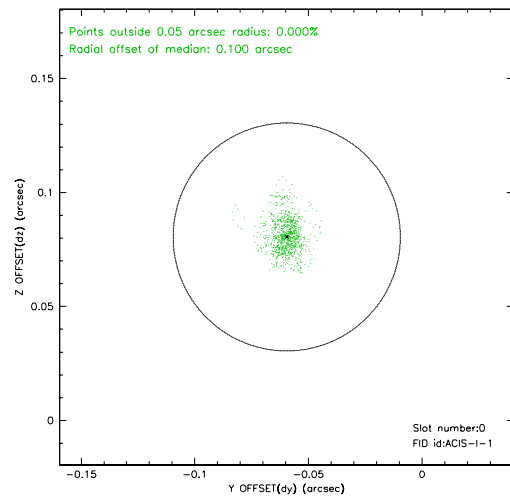
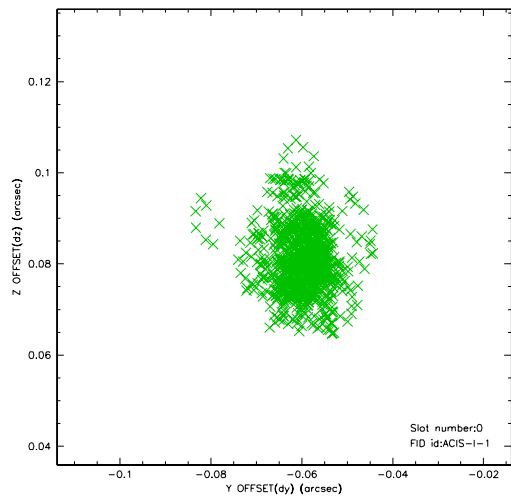


2.4.5 Slot 7

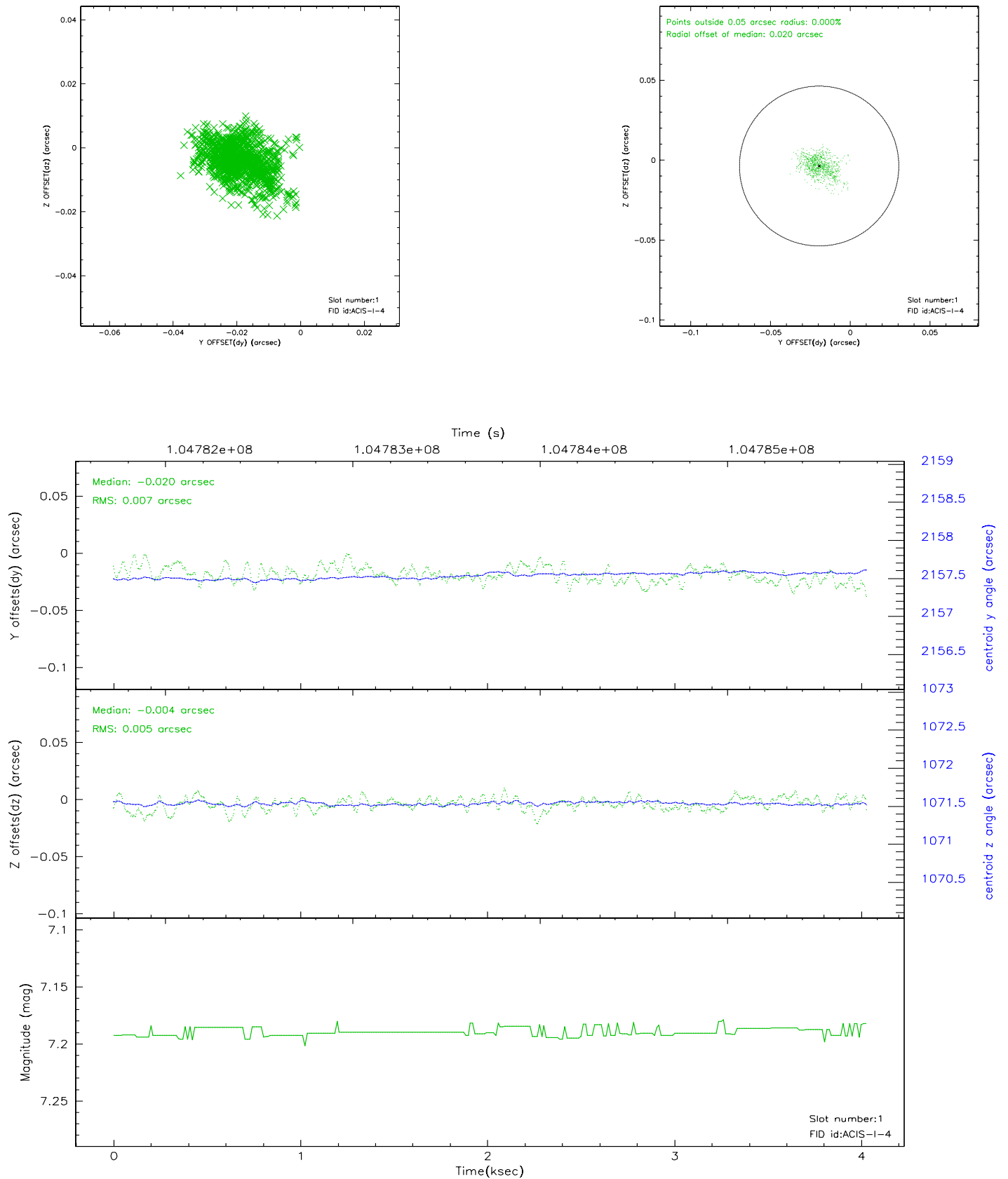


2.5 FID Slots

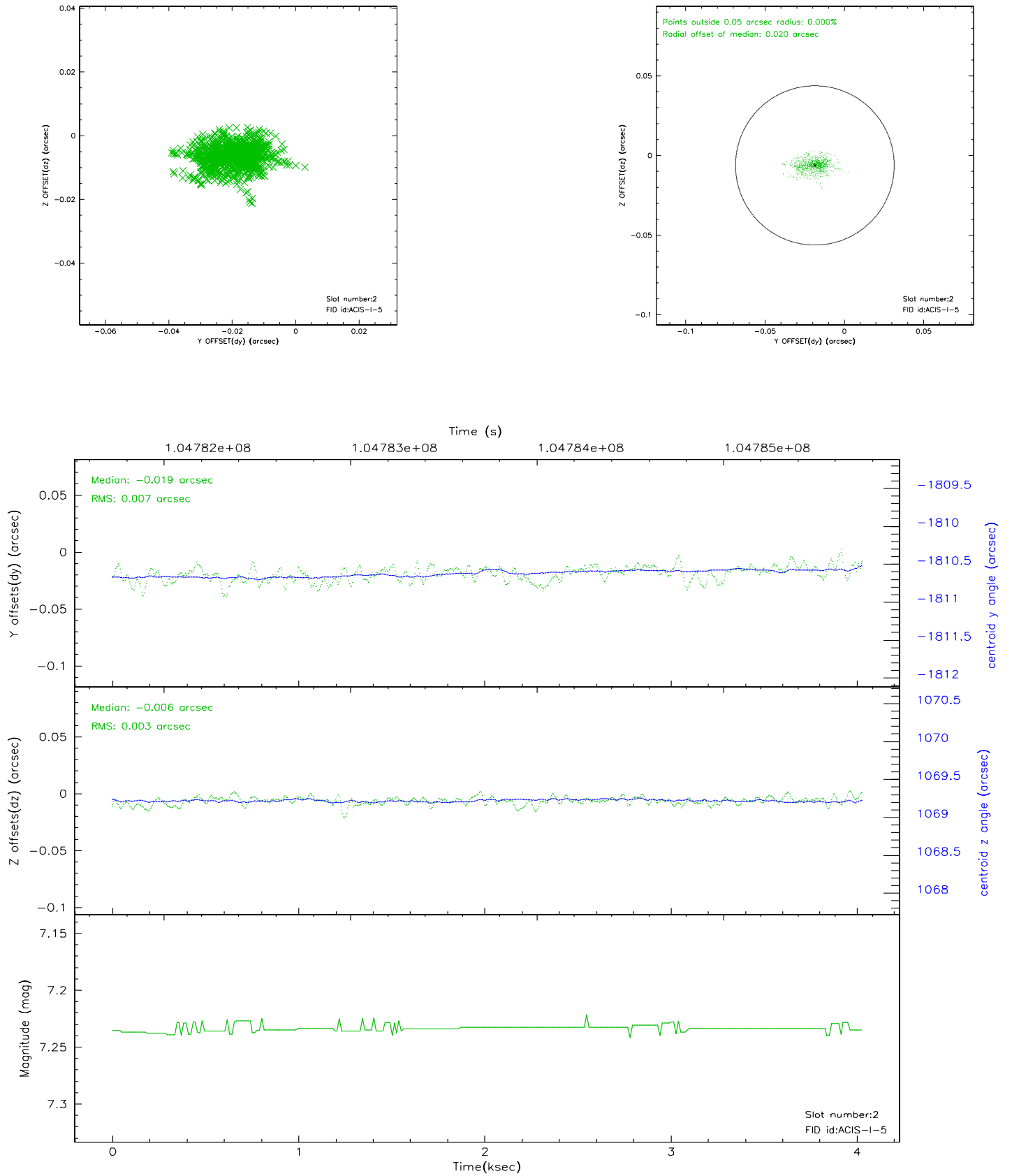
2.5.1 Slot 0



2.5.2 Slot 1

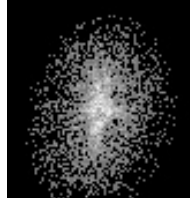


2.5.3 Slot 2



3 Point Sources

7.08 arcmin



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.11.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4

A.2 Comments

Window constraint met.

Target is highly off-axis.