

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 4598 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Apr 26 2006

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1 Front

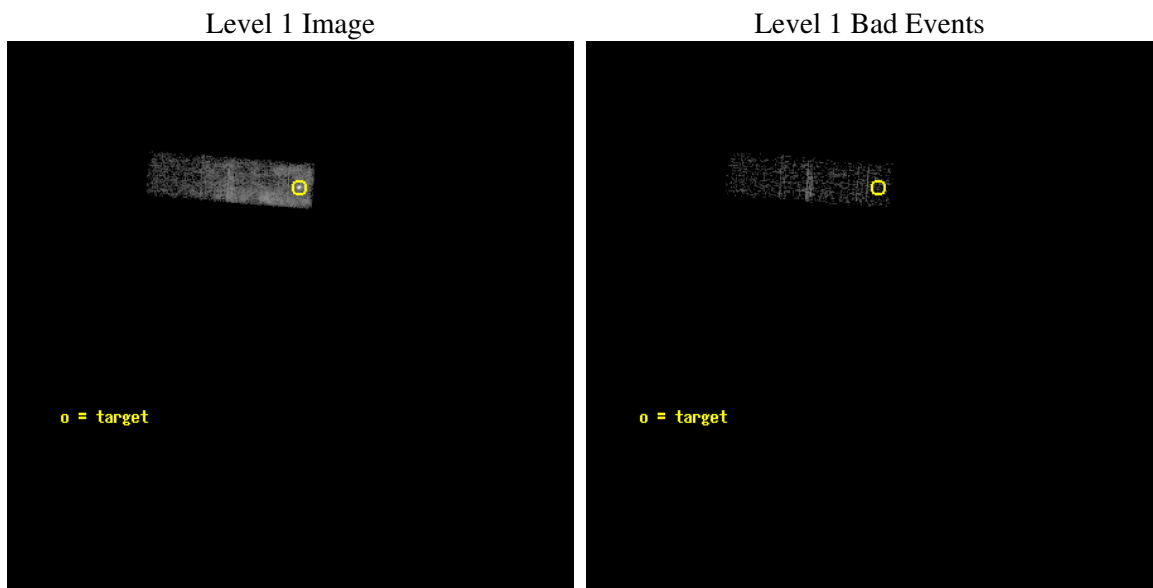
seq_num	500423
obs_id	4598
title	Observation of SNR RCW103
observer	Professor Gordon Garmire
object	RCW103
dtcycle	0
cycle	P
ra_targ	244.40125
dec_targ	-51.040278
ra_nom	244.4130569229
dec_nom	-51.157614498874
roll_nom	274.72149252965
revision	2
ontime	5180.8000771999
livetime	4927.9939857319
ontime3	5180.8000771999
l2events	14019



2 OBI

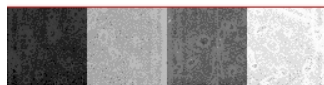
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 3



2.1.3 Parameters

obi_num	2
ascdsver	7.6.7.2
caldbver	3.2.1
date	2006-04-26T10:38:33
revision	2

sched_exp_time	5000.000000
ontime	5485.2070839107
ontime3	5485.2070839107
l1events	22414

2.1.4 Events

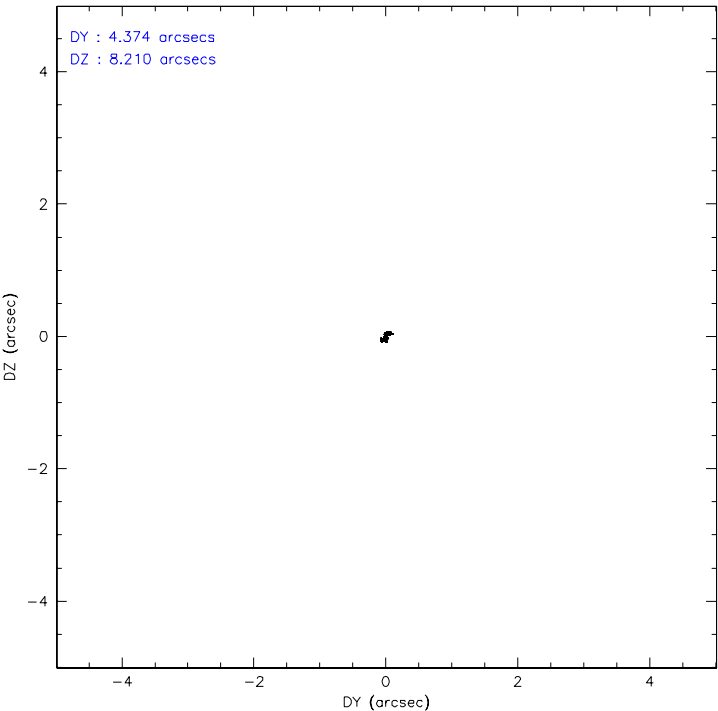
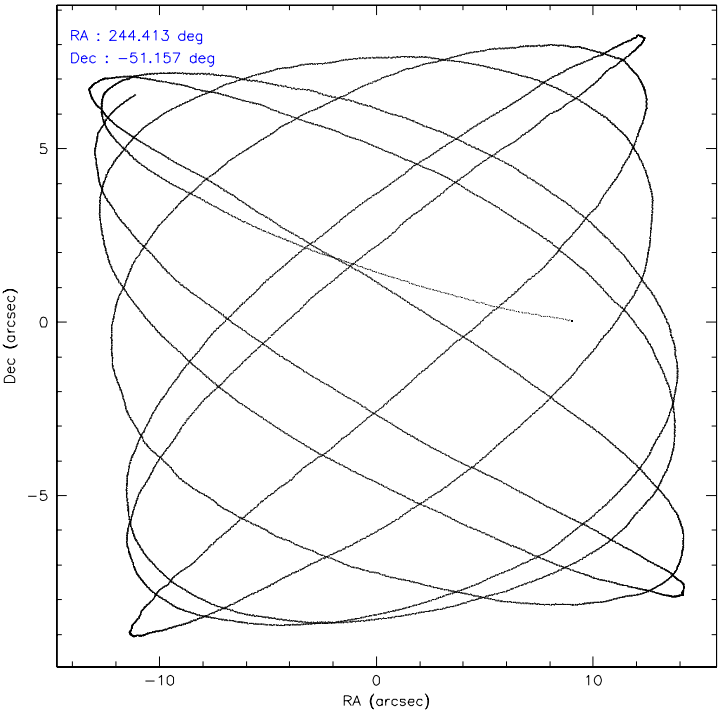
	ccd 3
level 1 events	22414
rejected events	8079
rejected %	36%

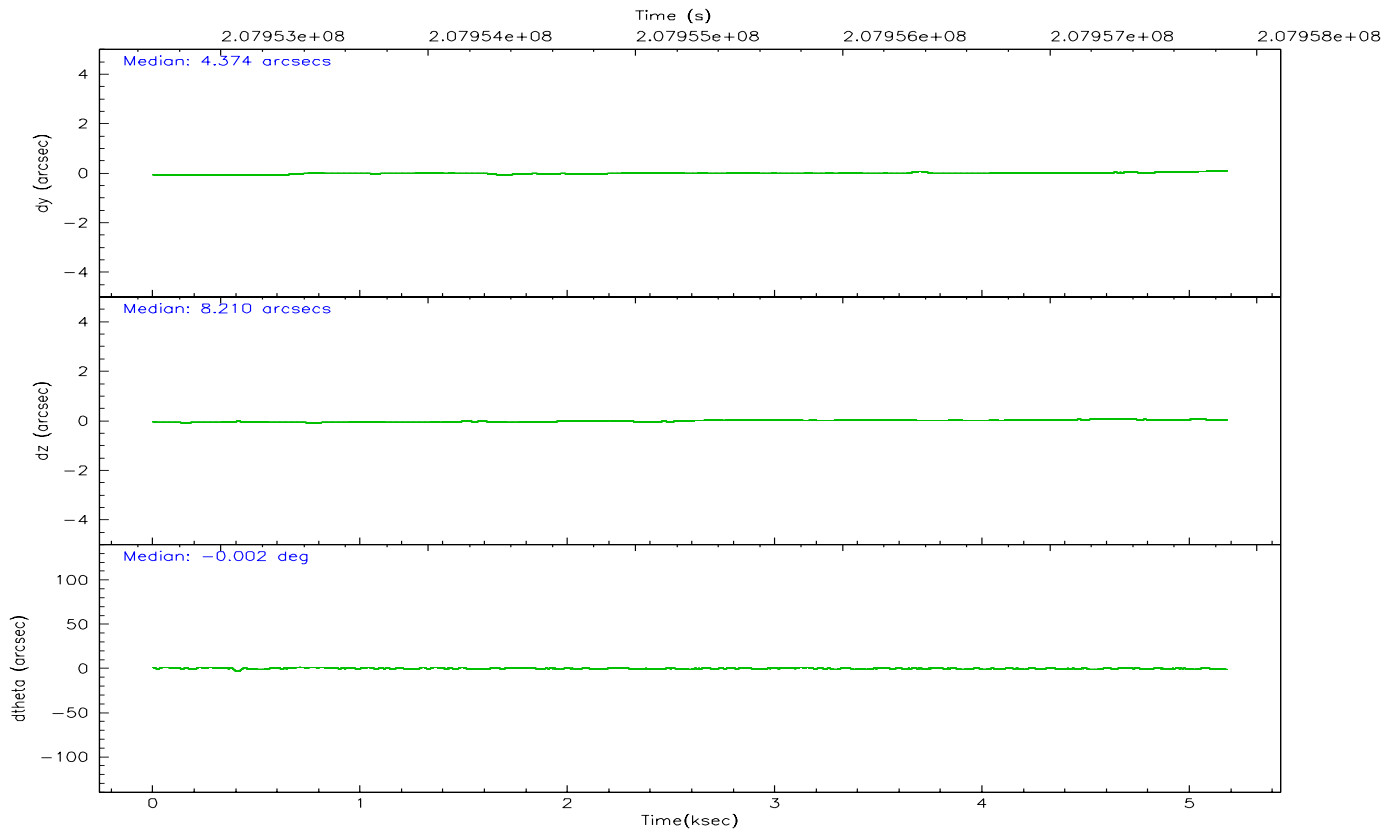
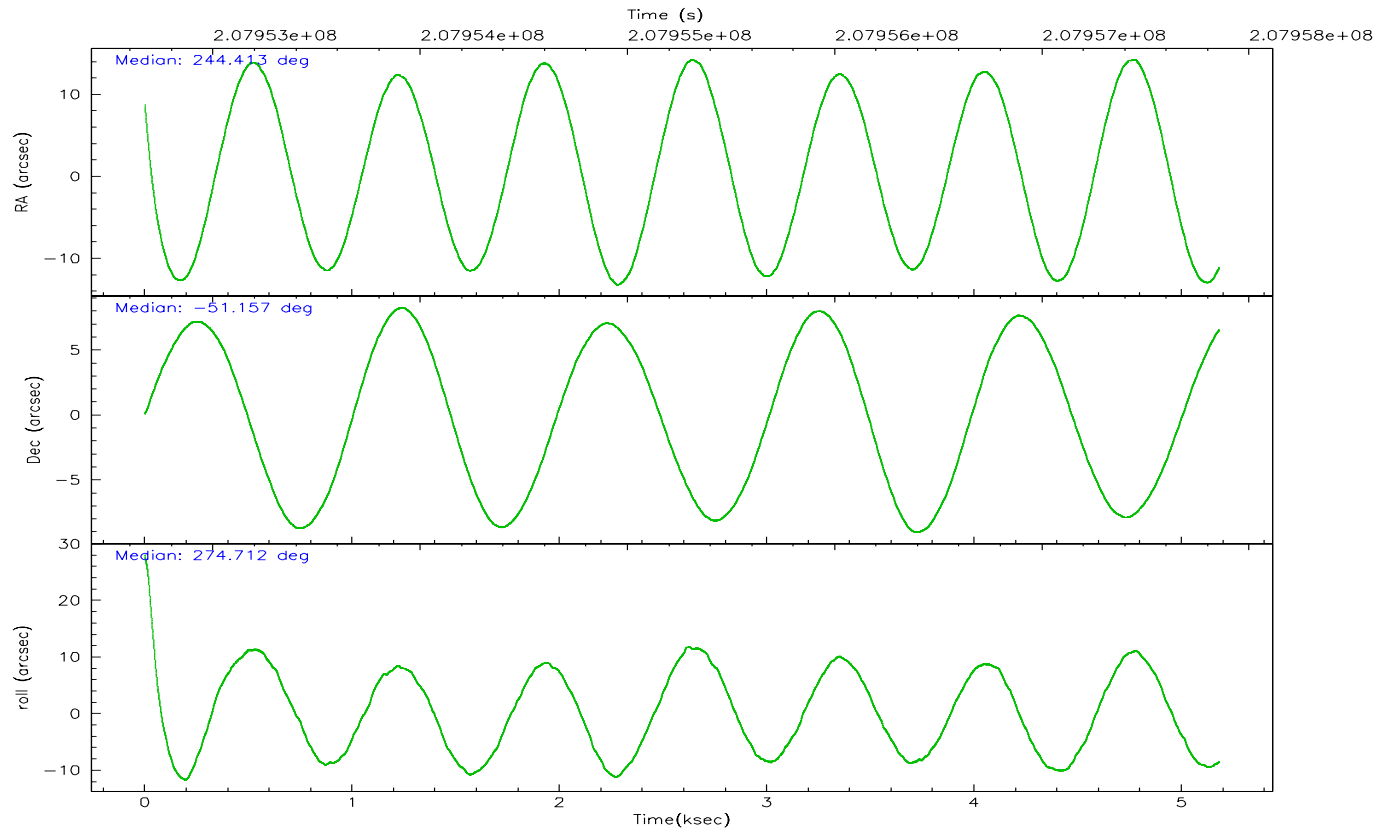
	ccd 3
grade 0 events	12043
	53%
grade 1 events	13
	0%
grade 2 events	1415
	6%
grade 3 events	444
	1%
grade 4 events	481
	2%
grade 5 events	148
	0%
grade 6 events	304
	1%
grade 7 events	7566
	33%

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	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	CUSTOM	1/4
Pointing RA	244.388121	244.4130569228958	Subarray start row	1	1
Pointing Dec	-51.135214	-51.15761449887408	Subarray row count	256	256
Pointing Roll	274.493335	274.7214925296486	Alternating exposures requested	N	N
SIM focus pos (mm)	-0.782348	-0.7809083437167272	Primary exposure time	0.000000	0.8
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	207952854.184000	207952066.90632			
Observation start date	2004-08-03T20:39:50	2004-08-03T20:27:46			
Observation end time	207957854.184000	207958788.34412			
Observation end date	2004-08-03T22:03:10	2004-08-03T22:19:48			
Read mode	TIMED	TIMED			

2.3 Aspect



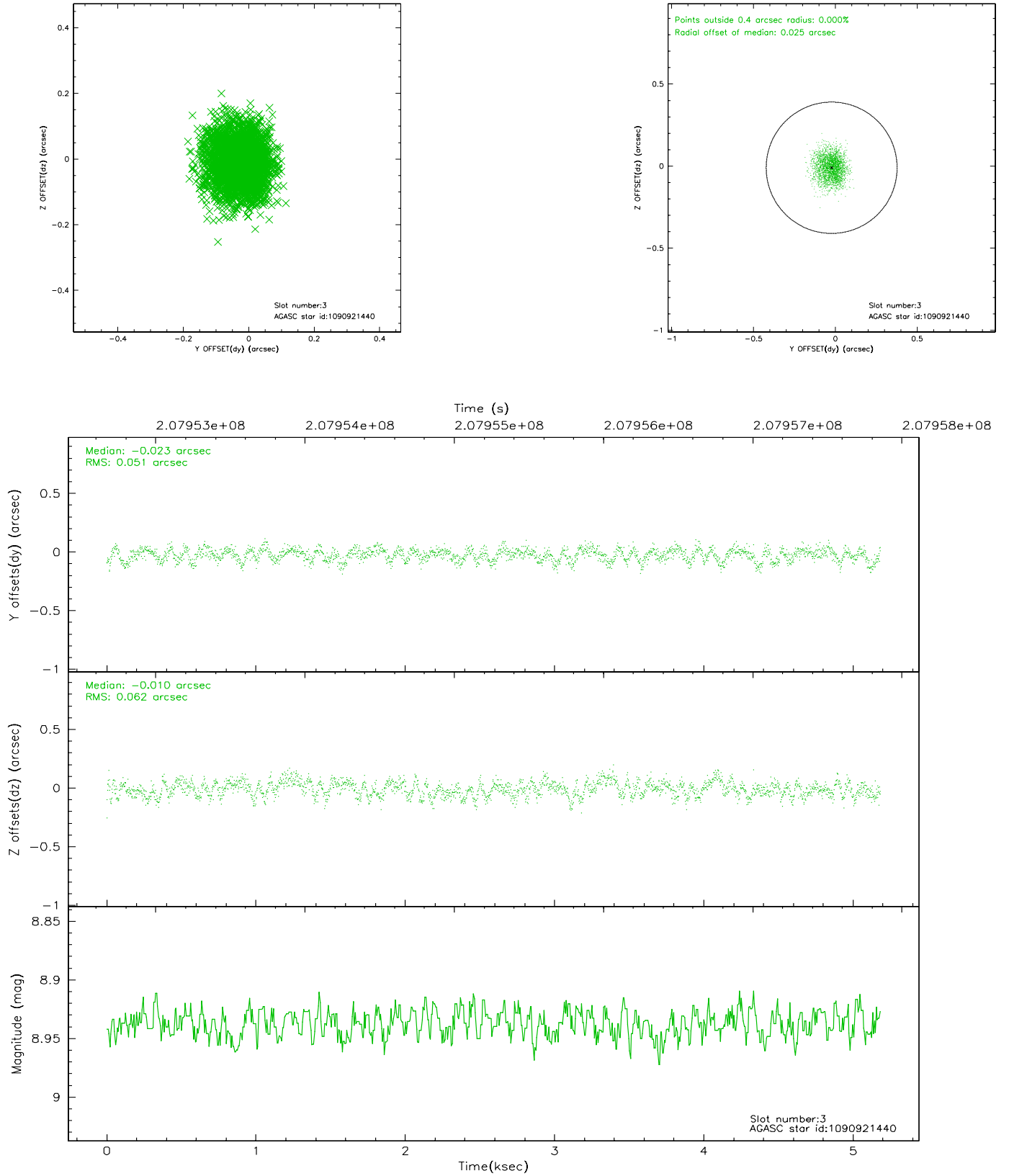


Slot Statistics

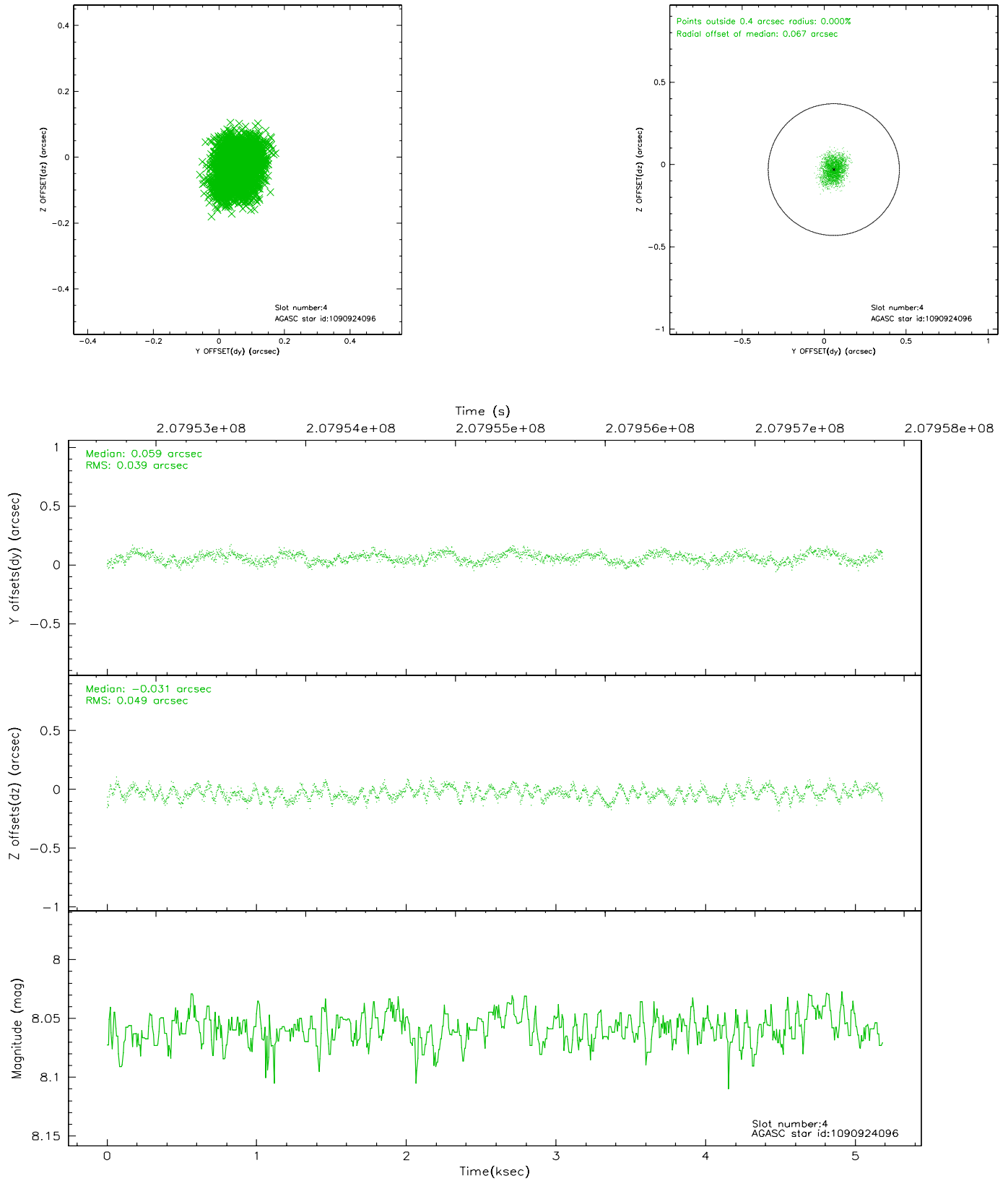
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	1264	0.018	0.047	0.006	0.011	0.000000	0.000000	935.40	-831.59
1	FID	ACIS-I-5	7.23	1264	-0.146	0.052	0.006	0.012	0.000000	0.000000	-1812.22	1065.33
2	FID	ACIS-I-6	7.25	1264	0.038	-0.028	0.007	0.012	0.000000	0.000000	399.70	1711.08
3	GUIDE	1090921440	8.94	2529	-0.023	-0.010	0.086	0.136	243.292741	-50.752608	-1549.43	-2380.42
4	GUIDE	1090924096	8.06	2529	0.059	-0.031	0.067	0.106	243.849549	-51.016855	-515.92	-1183.36
5	GUIDE	1090924384	8.06	2529	-0.011	-0.051	0.056	0.093	243.330505	-50.934017	-892.38	-2336.89
6	GUIDE	1091059112	9.08	2528	-0.077	0.079	0.088	0.138	245.180420	-50.736664	-1279.70	1910.77
7	GUIDE	1090521824	9.14	2526	0.051	0.022	0.089	0.140	244.711253	-50.470098	-2327.74	926.67

2.4 Star Slots

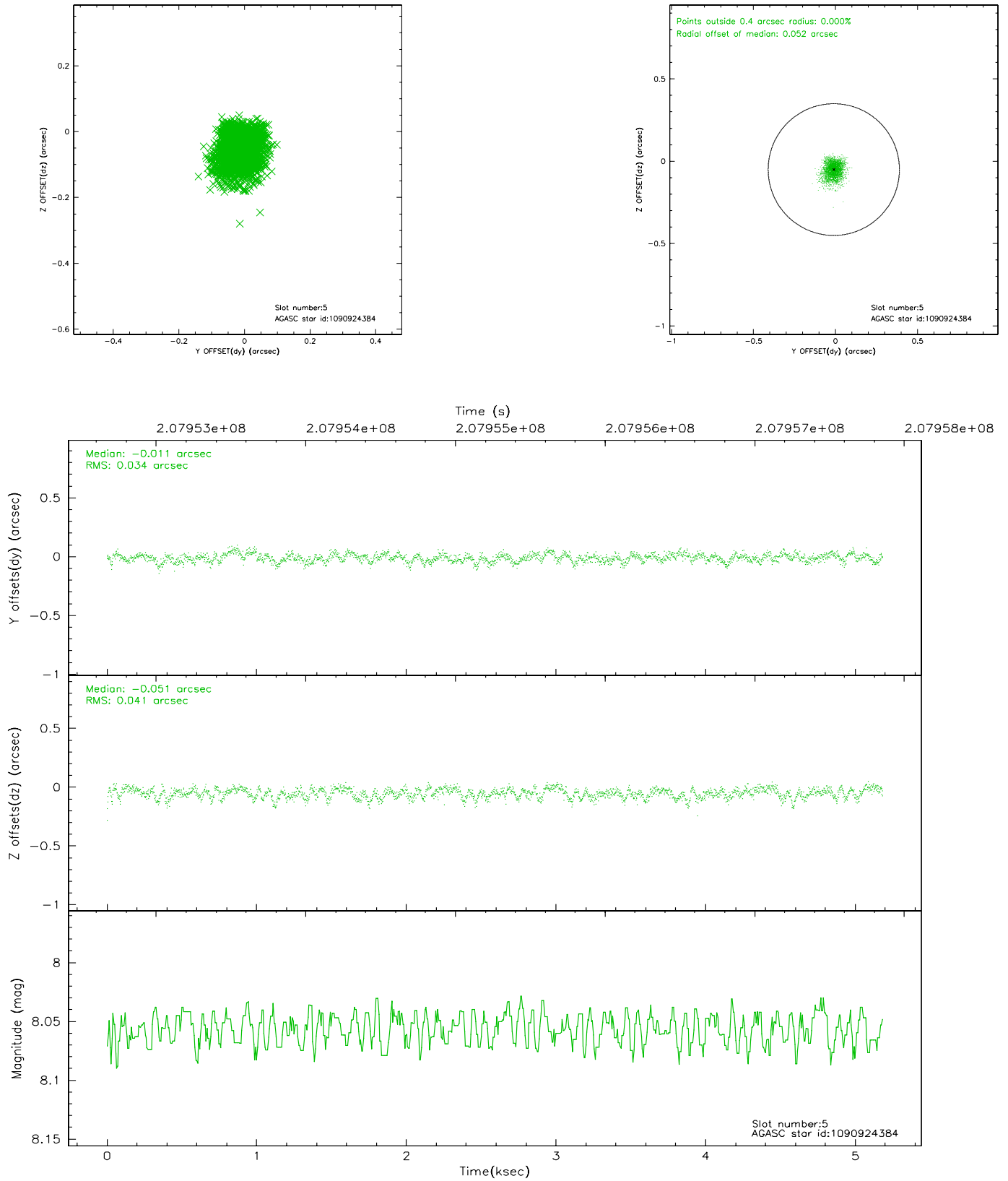
2.4.1 Slot 3



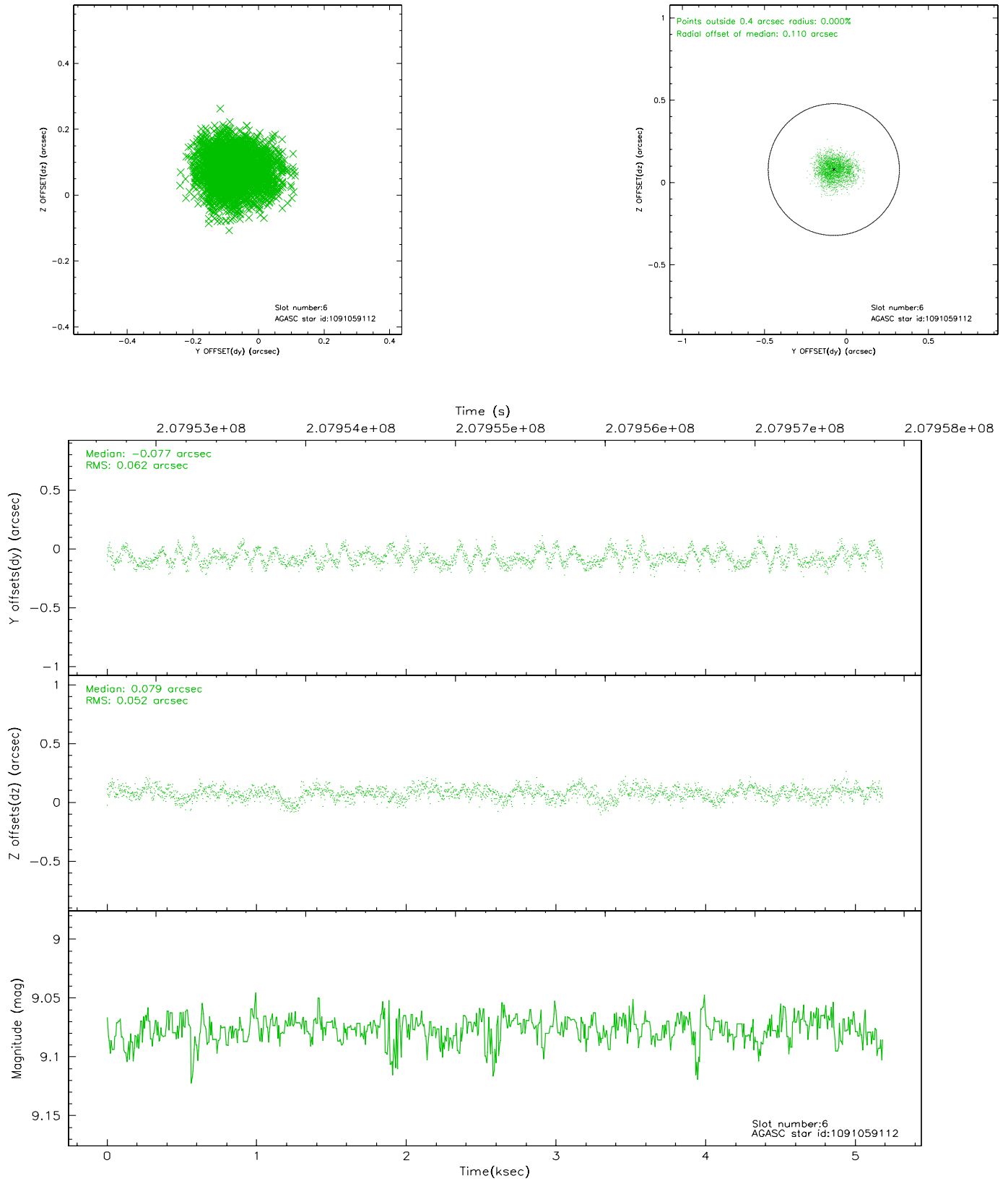
2.4.2 Slot 4



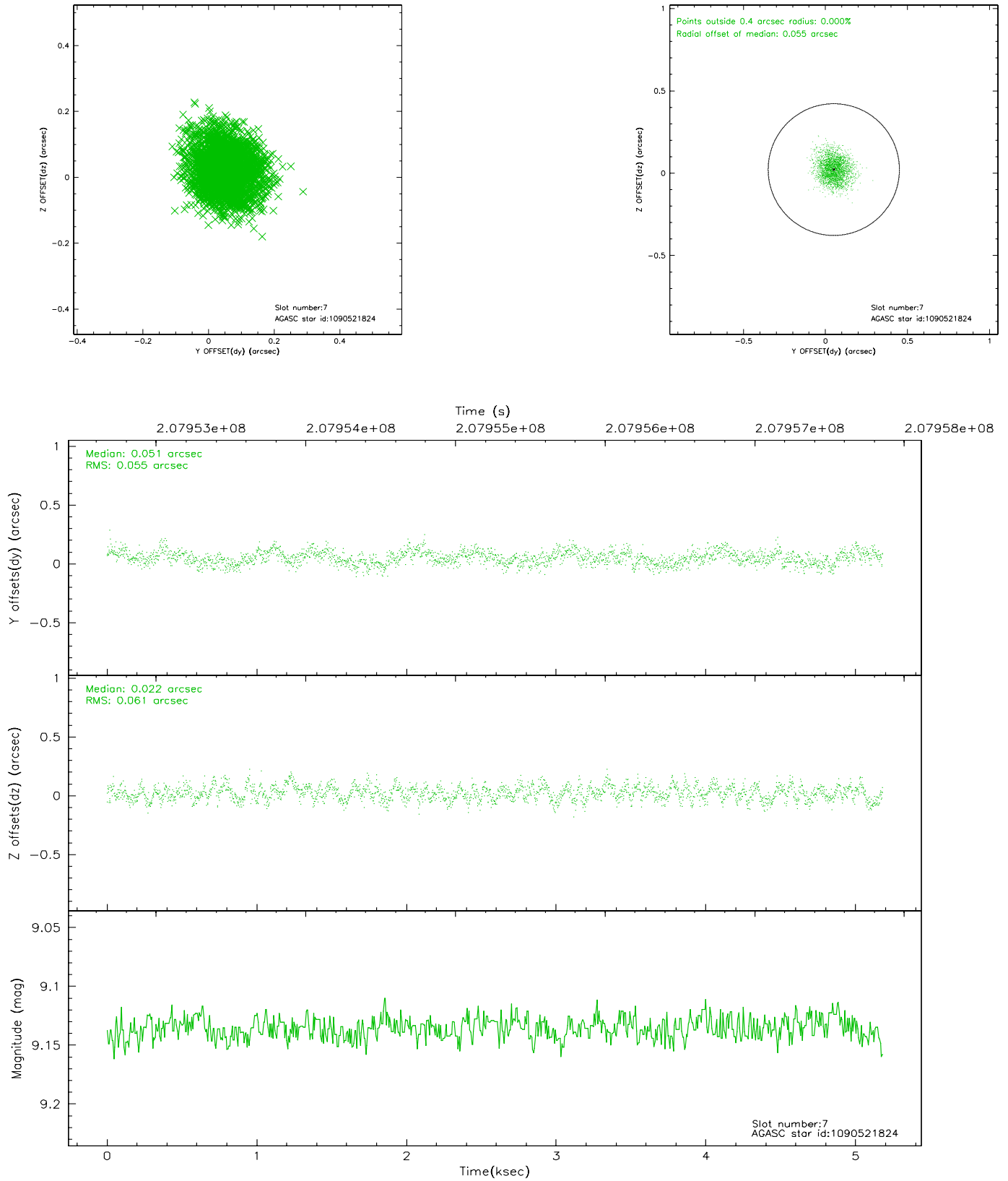
2.4.3 Slot 5



2.4.4 Slot 6

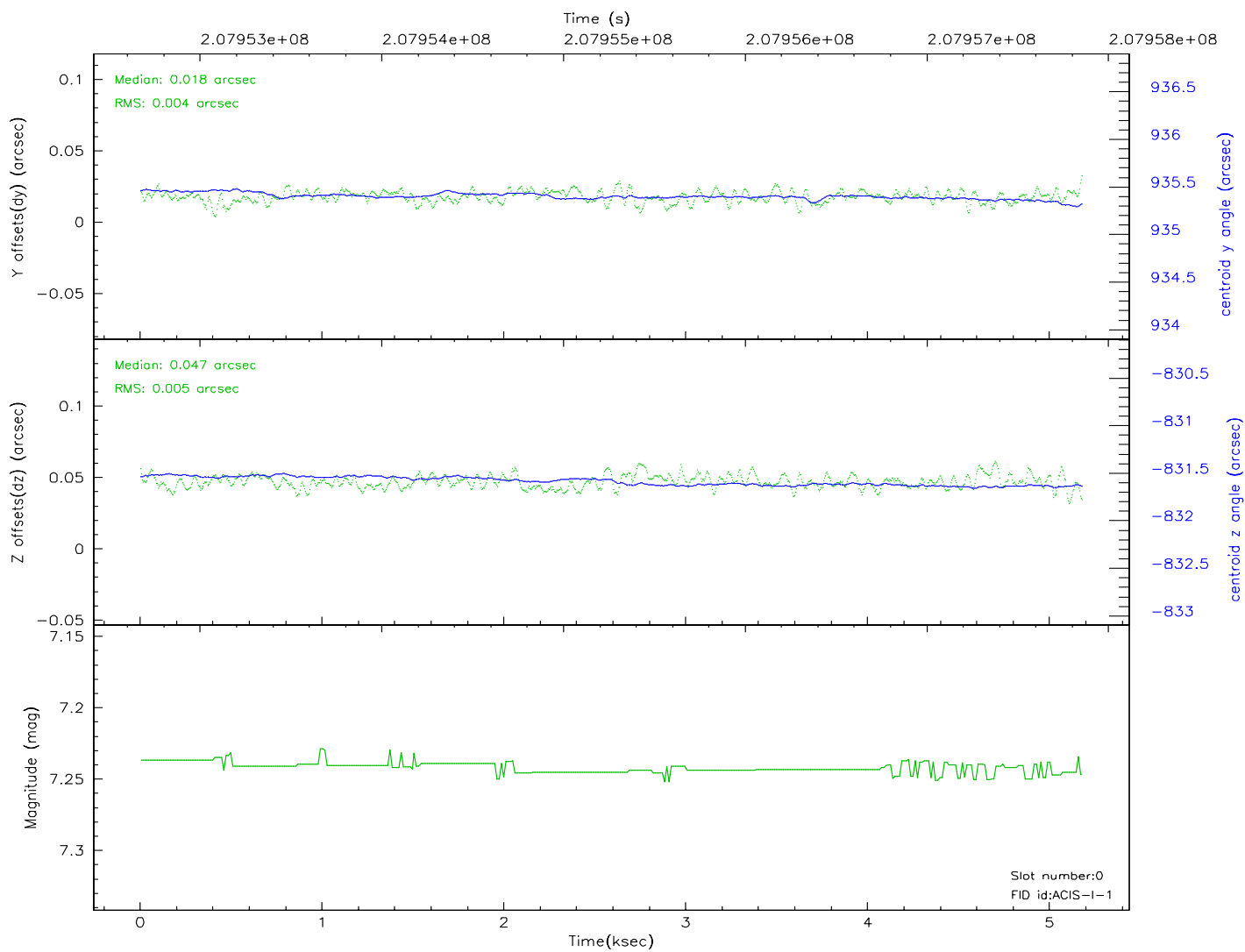
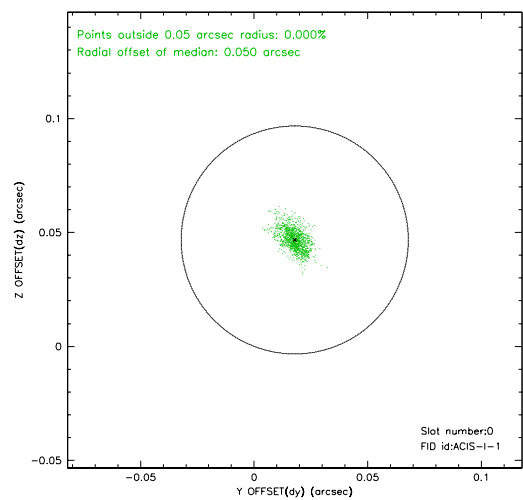
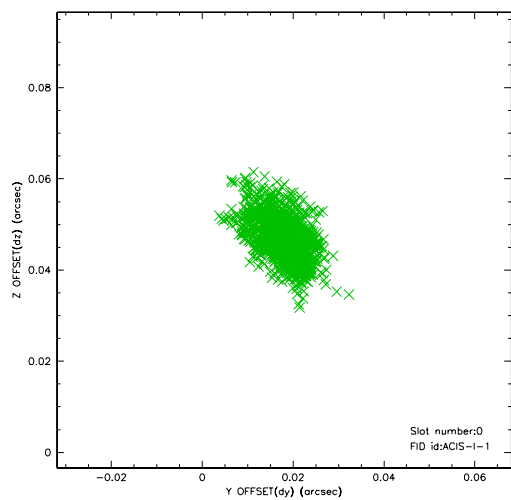


2.4.5 Slot 7

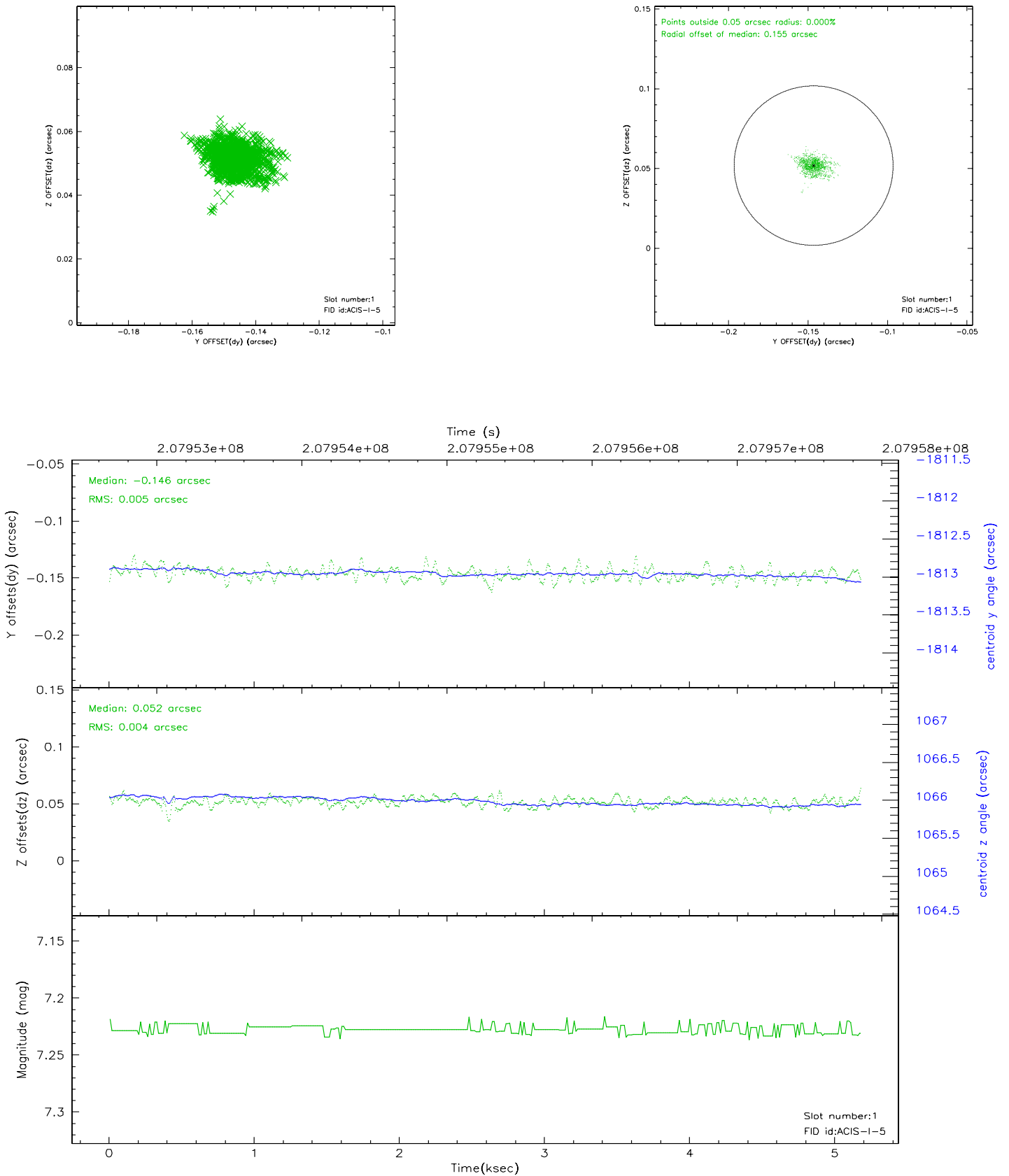


2.5 FID Slots

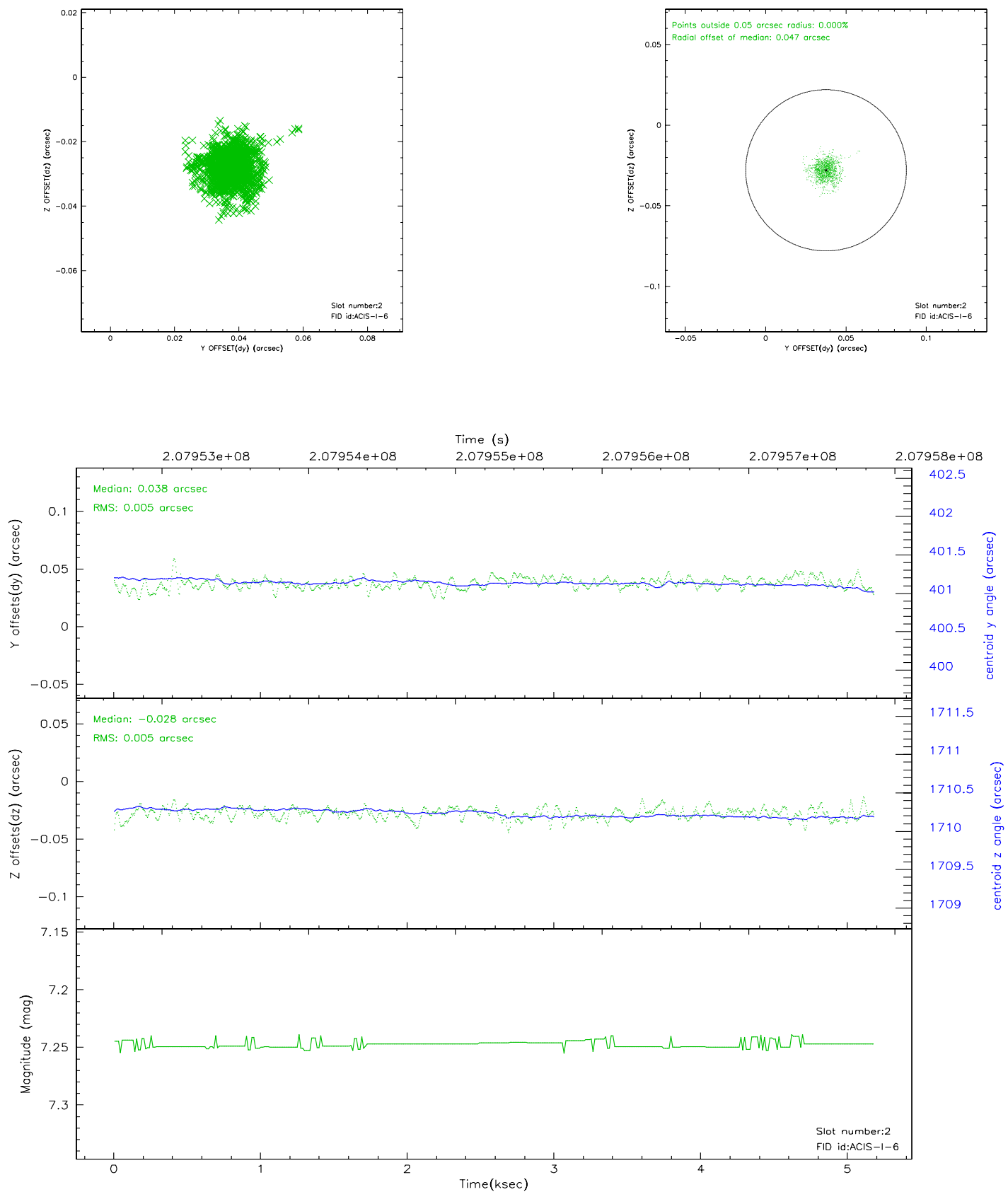
2.5.1 Slot 0



2.5.2 Slot 1

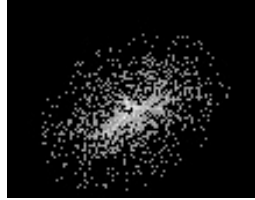


2.5.3 Slot 2



3 Point Sources

7.05 arcmin



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.04.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.18

A.2 Comments

Monitor constraint met. The ACIS focal plane temperature is above calibration limits for the entire observation.