

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2135 - L2 Version 001
Chandra X-Ray Center

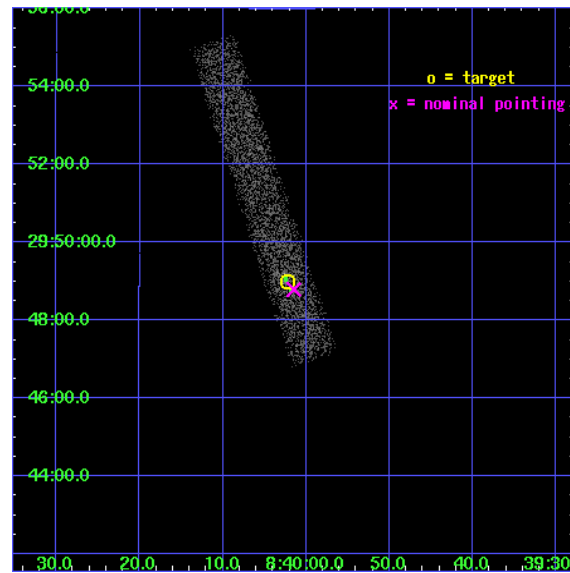
L2 Processing Date : Nov 13 2006

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1 Front

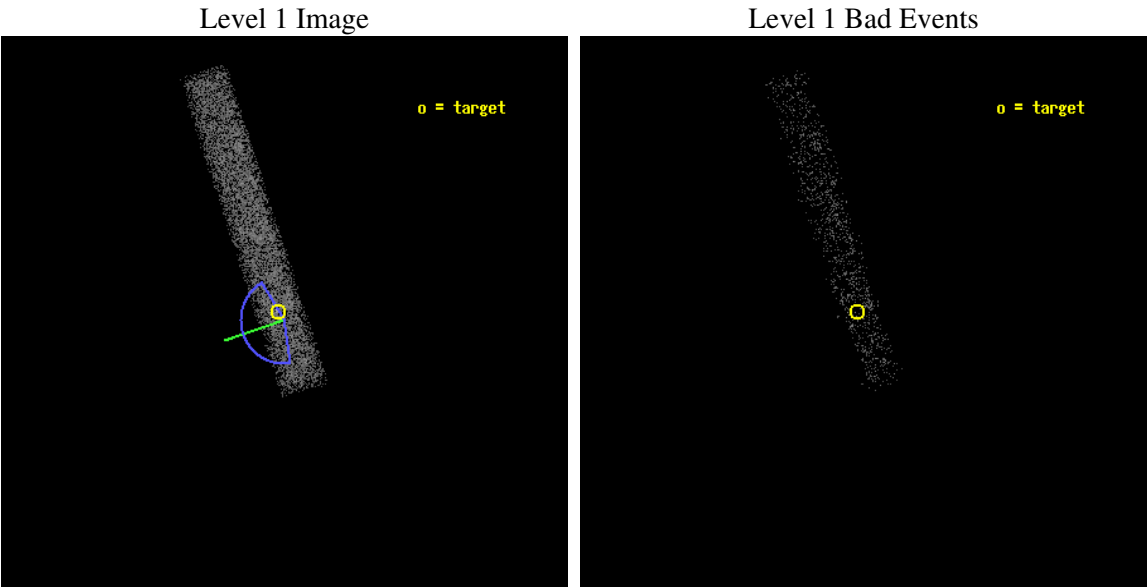
seq_num	700325
obs_id	2135
title	AN UNBIASED SURVEY OF X-RAY AND OPTICAL EMISSION FROM EXTENDED RADIO JETS IN AGN
observer	Dr. Rita Sambruna
object	0836+299
dtcycle	0
cycle	P
ra_targ	130.009583
dec_targ	29.816667
ra_nom	130.00621658777
dec_nom	29.813278035432
roll_nom	251.84887839871
revision	2
ontime	8479.9590863883
livetime	7690.8752824128
ontime7	8479.9590863883
l2events	5772



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	2
ascdsver	7.6.9
caldsver	3.2.4
date	2006-11-13T16:01:09
revision	2

sched_exp_time	10000.000000
ontime	9426.666455254
ontime7	9426.666455254
l1events	16365

2.1.4 Events

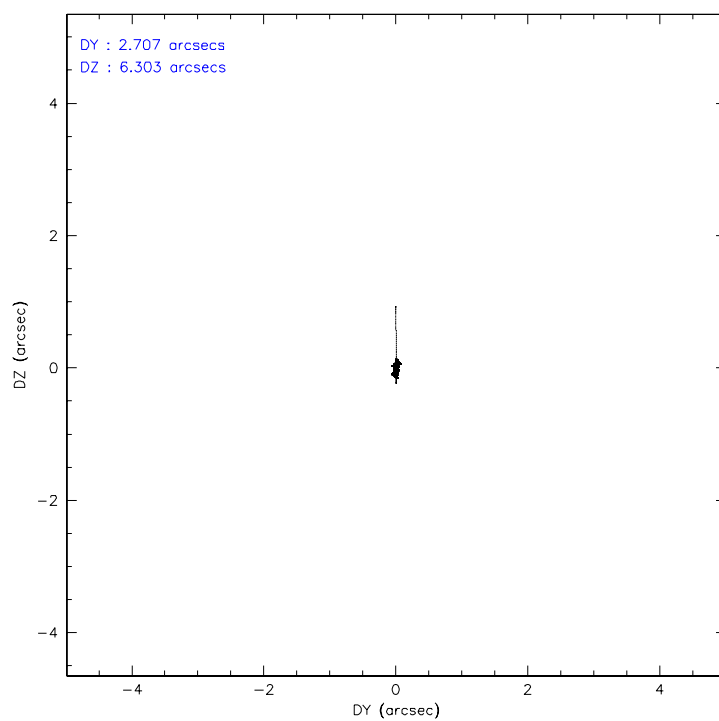
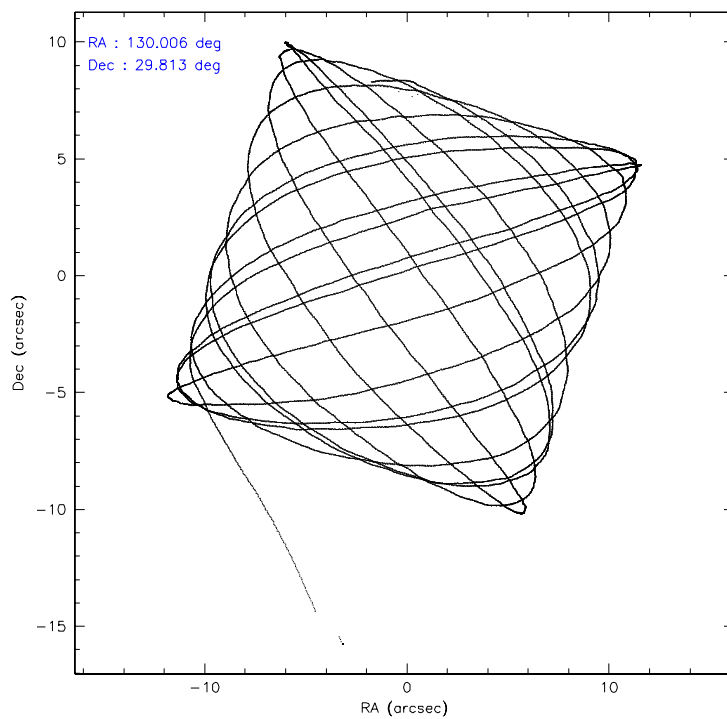
	ccd 7
level 1 events	16365
rejected events	10364
rejected %	63%

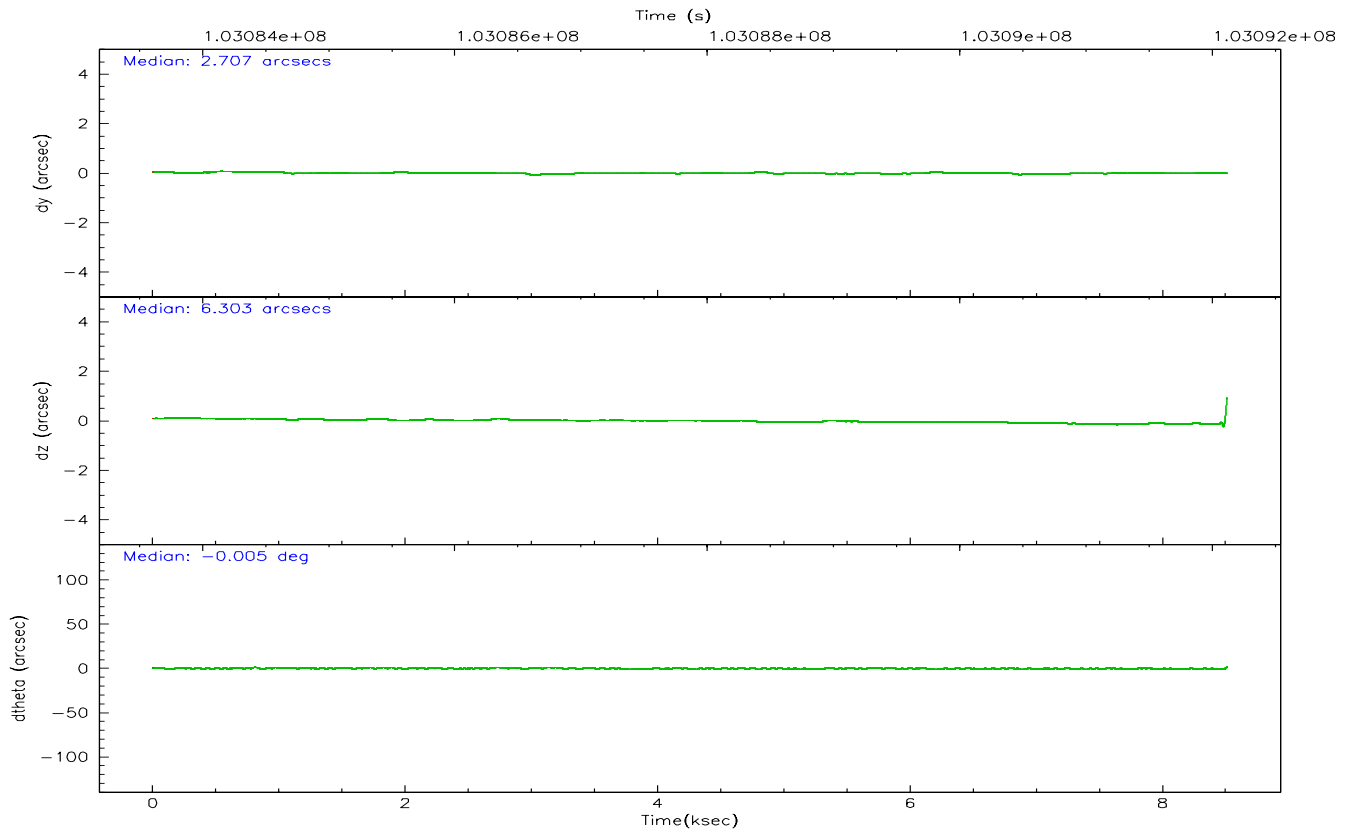
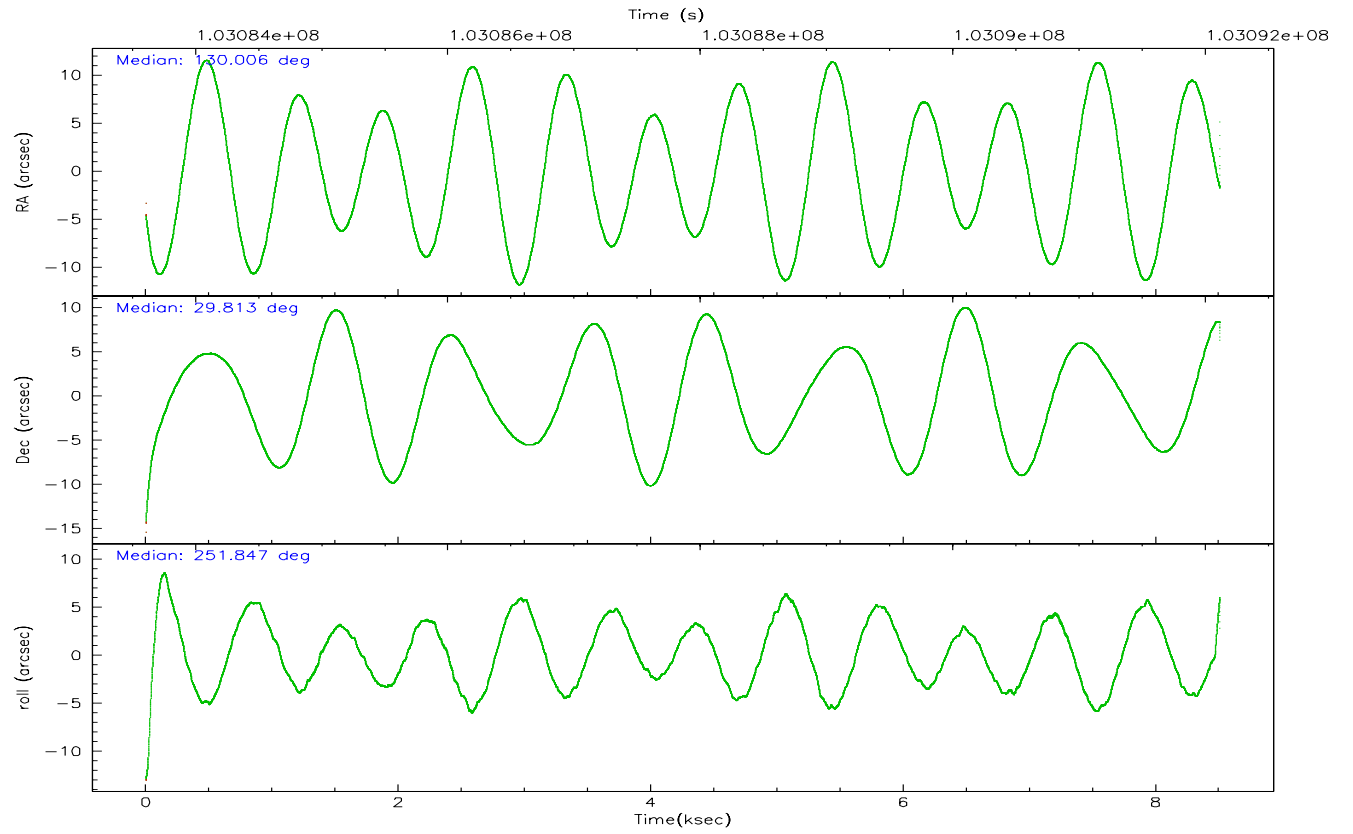
	ccd 7
grade 0 events	1432
	8%
grade 1 events	16
	0%
grade 2 events	2511
	15%
grade 3 events	906
	5%
grade 4 events	1021
	6%
grade 5 events	887
	5%
grade 6 events	4262
	26%
grade 7 events	5330
	32%

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	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	129.999434	130.0062165877735	Subarray requested	1/8	1/8
Pointing Dec	29.839947	29.81327803543178	Subarray start row	0	449
Pointing Roll	251.695642	251.8488783987134	Subarray row count	1024	128
Roll angle	250.000000	250.000000	Alternating exposures requested	N	N
Roll tolerance	79.000000	79.000000	Primary exposure time	0.000000	0.4
Roll constraint allows 180D rotation	N	N			
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	103083697.184000	103082704.82472			
Observation start date	2001-04-08T02:20:33	2001-04-08T02:05:04			
Observation end time	103093697.184000	103092145.58759			
Observation end date	2001-04-08T05:07:13	2001-04-08T04:42:25			
Read mode	TIMED	TIMED			

2.3 Aspect



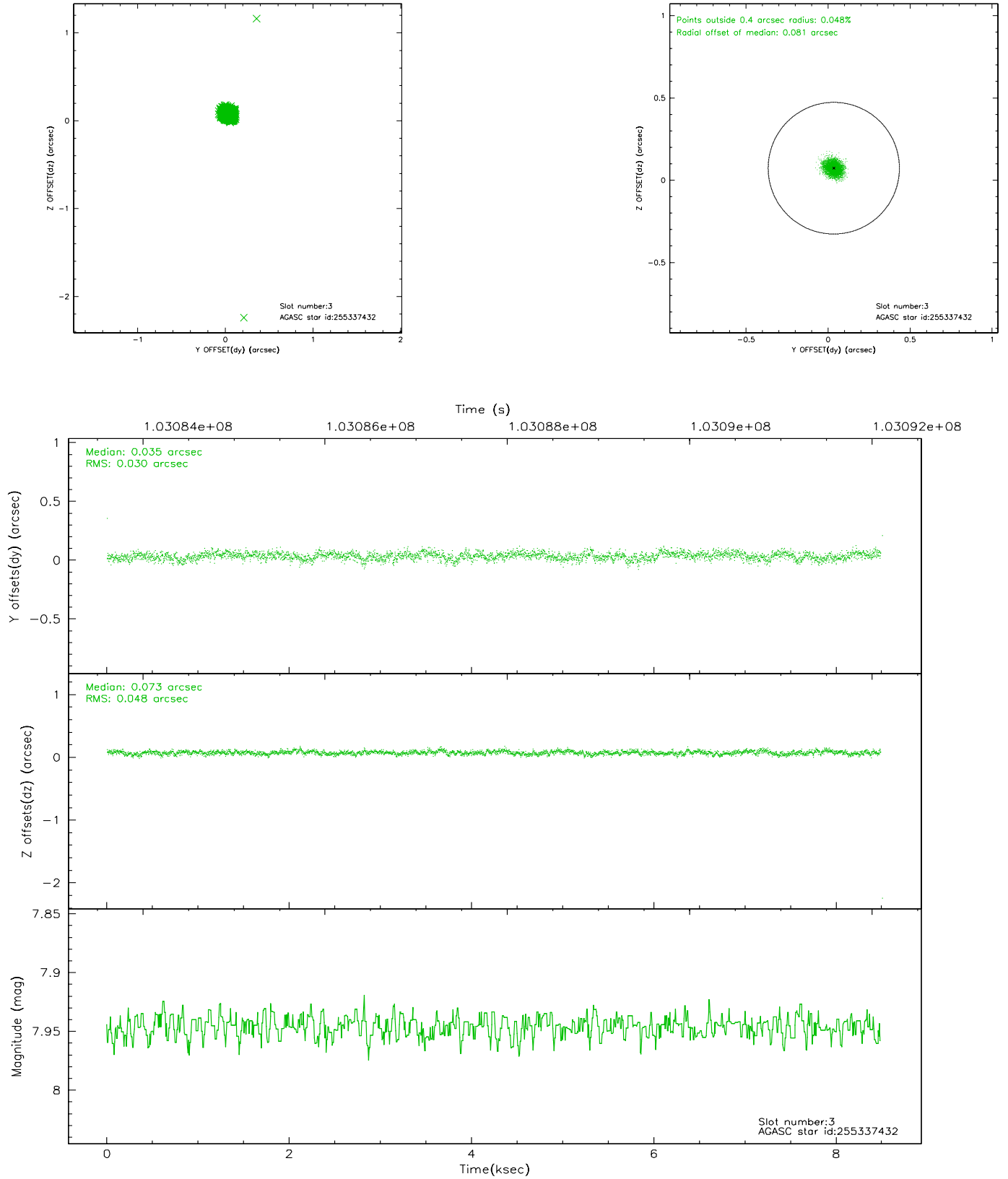


Slot Statistics

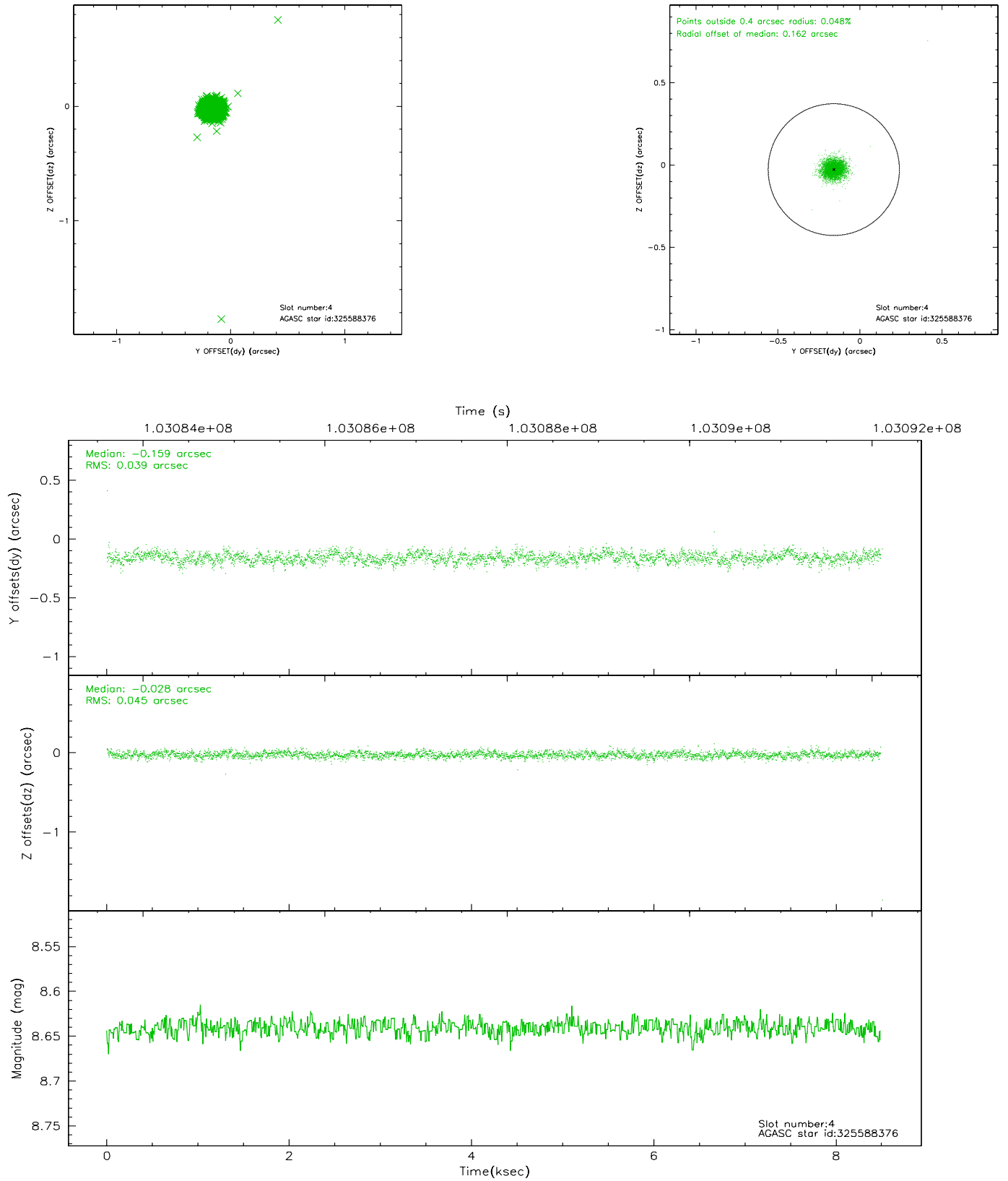
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.12	2074	-0.010	0.037	0.007	0.012	0.000000	0.000000	-755.32	-1727.42
1	FID	ACIS-S-4	7.19	2074	-0.103	-0.005	0.006	0.010	0.000000	0.000000	2157.54	180.40
2	FID	ACIS-S-5	7.23	2075	0.082	-0.023	0.006	0.011	0.000000	0.000000	-1807.27	174.73
3	GUIDE	255337432	7.95	4139	0.035	0.073	0.043	0.069	130.226540	29.206439	1939.24	1394.29
4	GUIDE	325588376	8.64	4138	-0.159	-0.028	0.053	0.087	129.822047	30.497908	-2077.26	-1265.78
5	GUIDE	255333696	8.49	4139	-0.114	0.128	0.060	0.100	130.413204	29.994468	-937.33	1049.61
6	GUIDE	255332544	8.65	4140	0.163	0.011	0.050	0.082	130.024735	29.283160	1876.76	705.81
7	GUIDE	325597432	9.06	4138	0.075	-0.185	0.071	0.116	129.545418	30.018886	-170.35	-1546.34

2.4 Star Slots

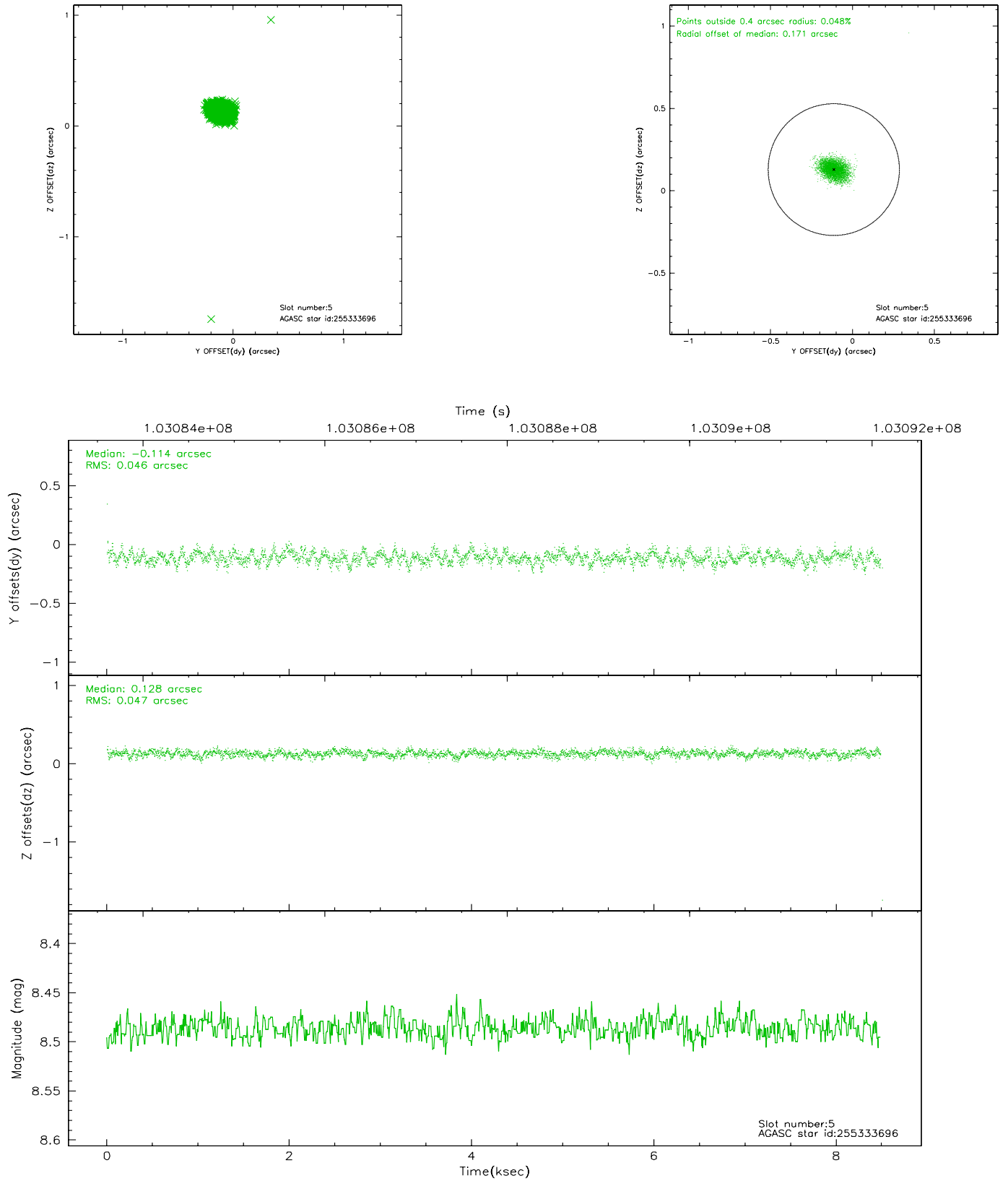
2.4.1 Slot 3



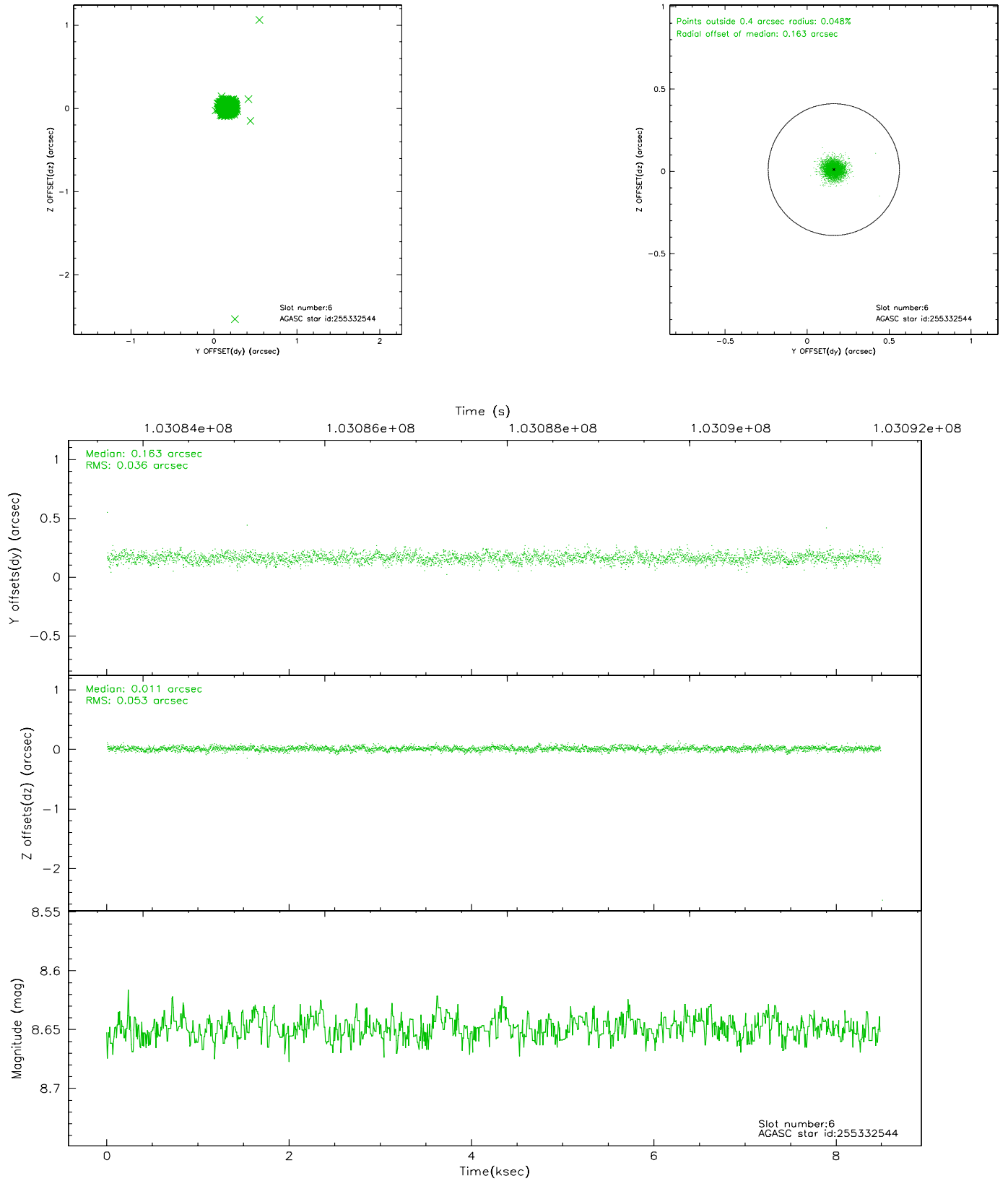
2.4.2 Slot 4



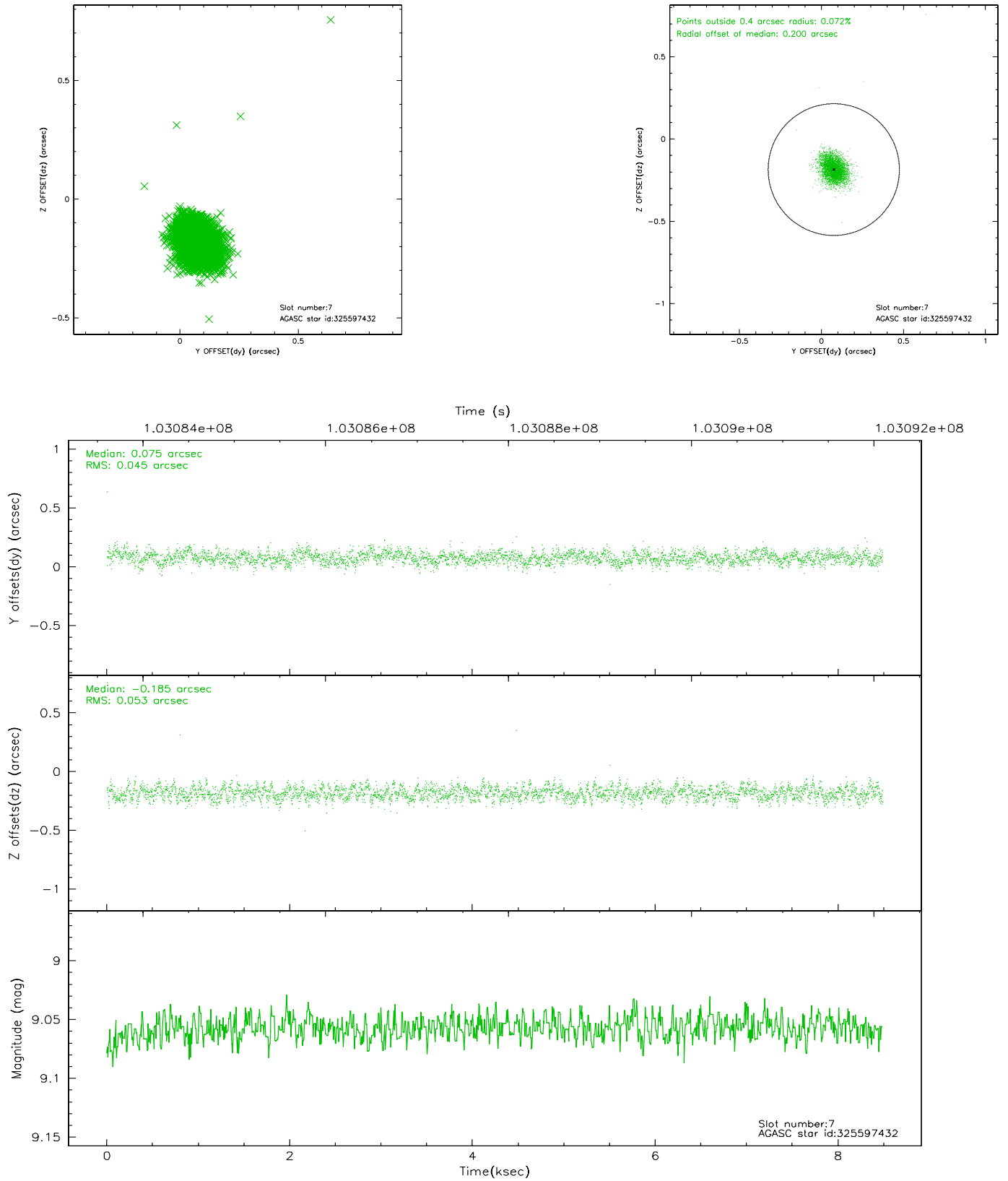
2.4.3 Slot 5



2.4.4 Slot 6

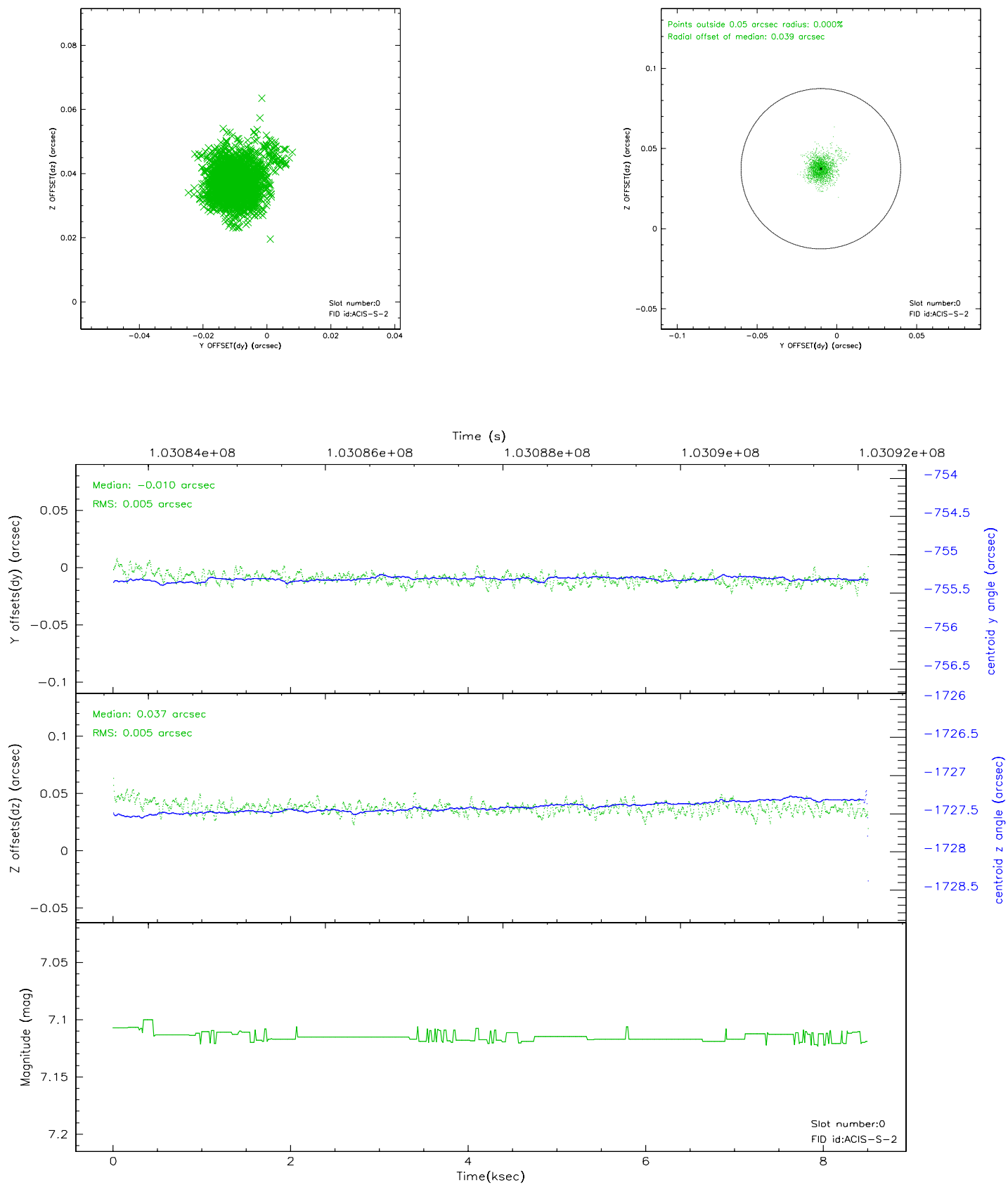


2.4.5 Slot 7

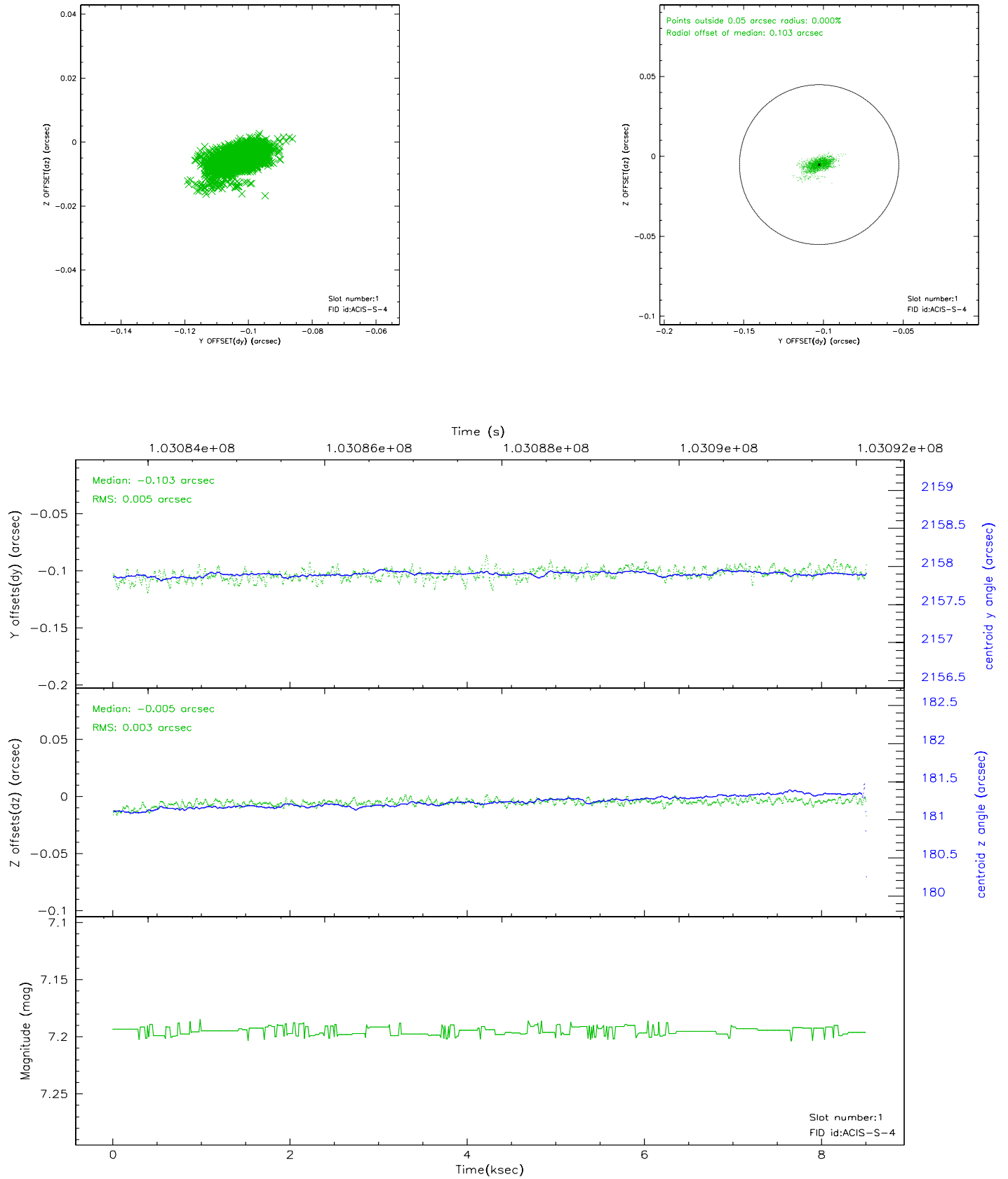


2.5 FID Slots

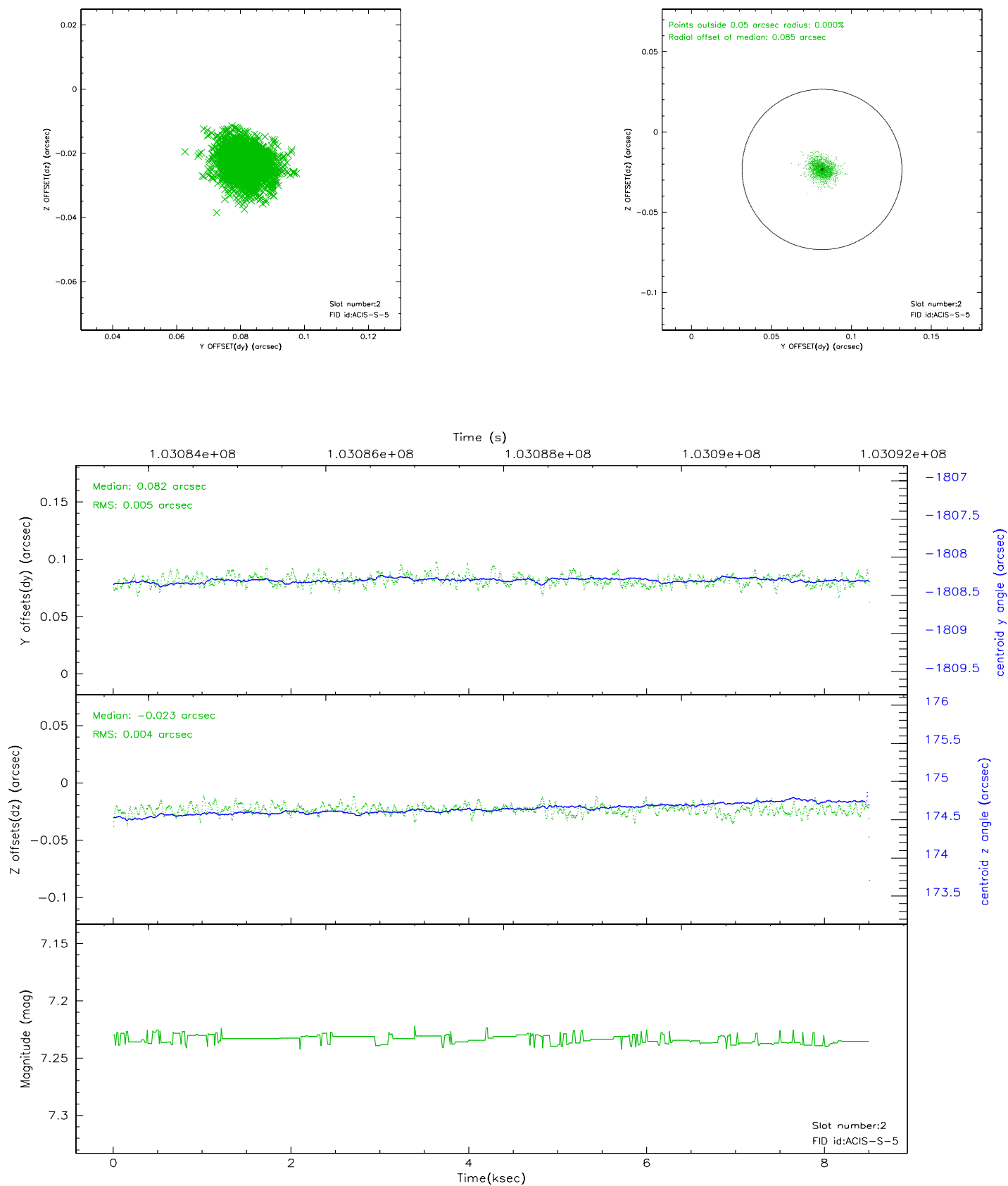
2.5.1 Slot 0



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)	2006.11.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.48

A.2 Comments

Roll constraint OK.