

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 2781 - L2 Version 001
Chandra X-Ray Center

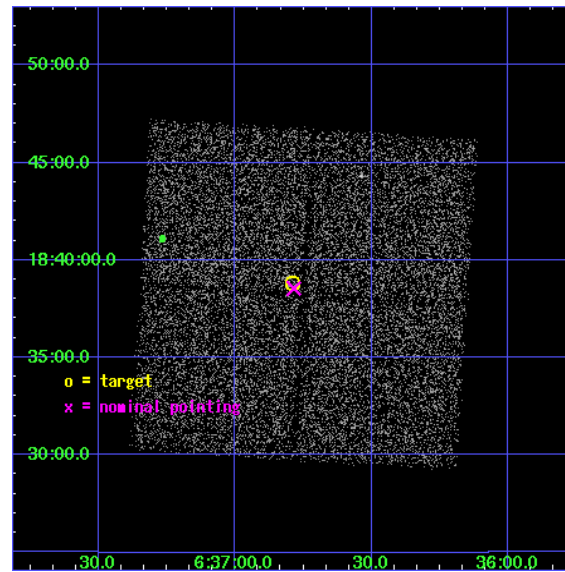
L2 Processing Date : Aug 29 2006

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1 Front

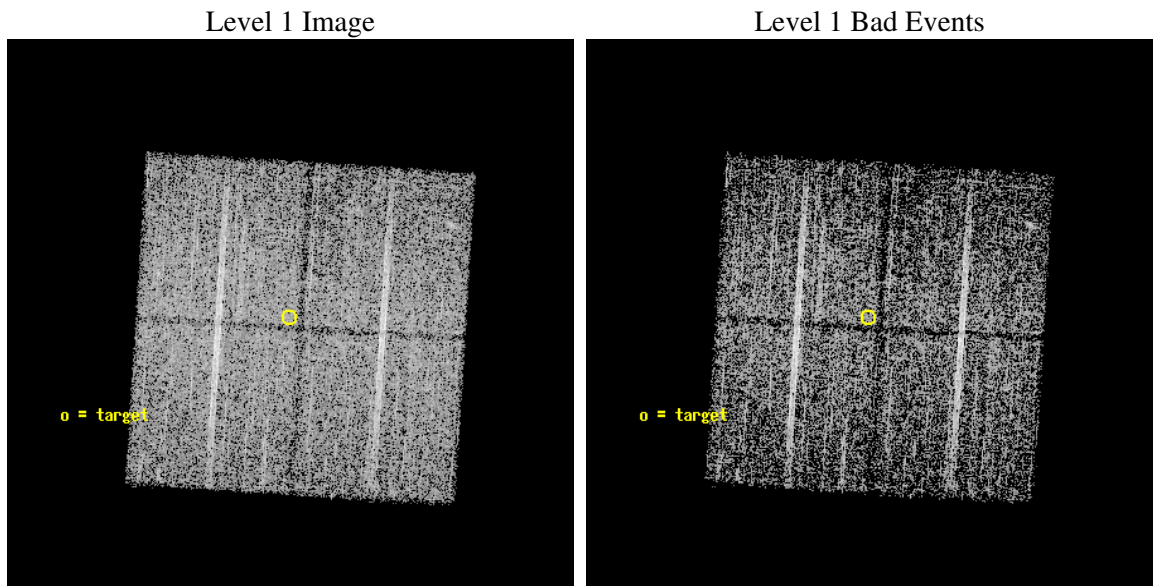
seq_num	500231
obs_id	2781
title	AN UNIDENTIFIED ULTRA-STEEP SPECTRUM SOURCE
observer	Dr. Joseph Lazio
object	VLA J0636+1838
dtcycle	0
cycle	P
ra_targ	99.197917
dec_targ	18.6469
ra_nom	99.196284386299
dec_nom	18.64244760474
roll_nom	273.64399323495
revision	2
ontime	8050.658994332
livetime	7945.4712077621
ontime0	8053.7999845147
ontime1	8053.7999845147
ontime2	8053.7999845147
ontime3	8050.658994332
l2events	20170



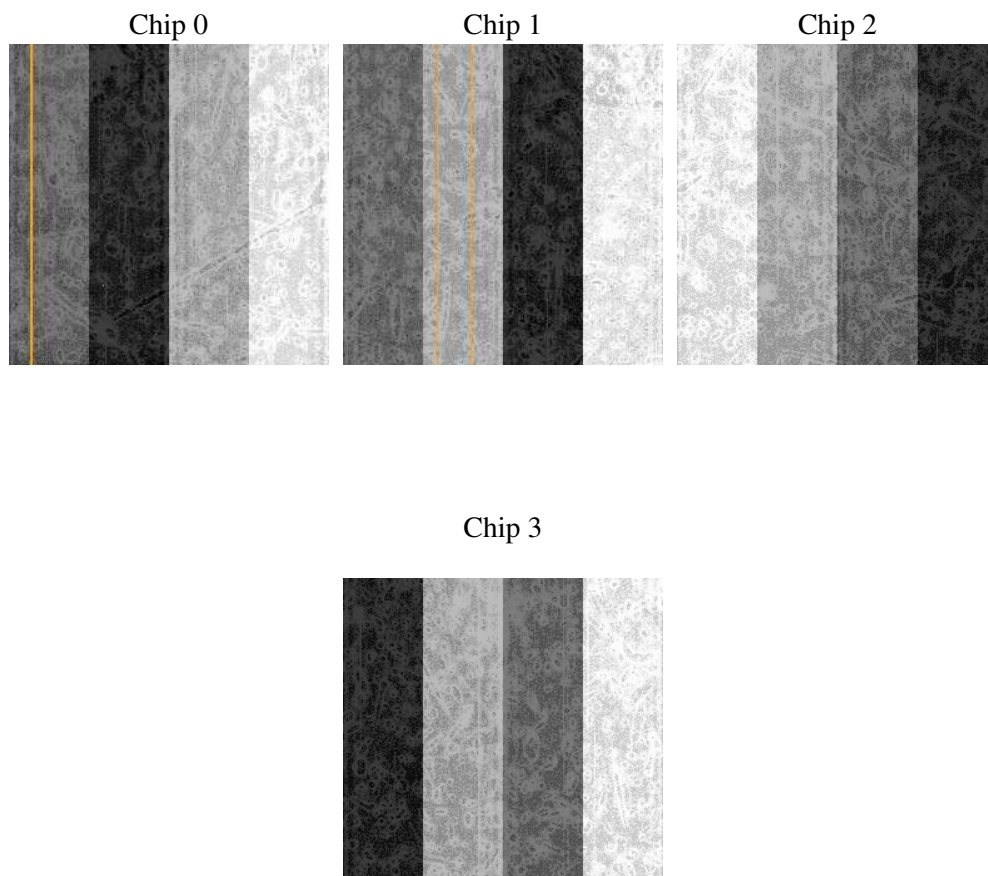
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.8.1
caldsver	3.2.3
date	2006-08-29T22:01:39
revision	2

sched_exp_time	7897.546000
ontime	8157.1863088459
ontime0	8160.3272990286
ontime1	8160.3272990286
ontime2	8160.3272990286
ontime3	8157.1863088459
l1events	194253

2.1.4 Events

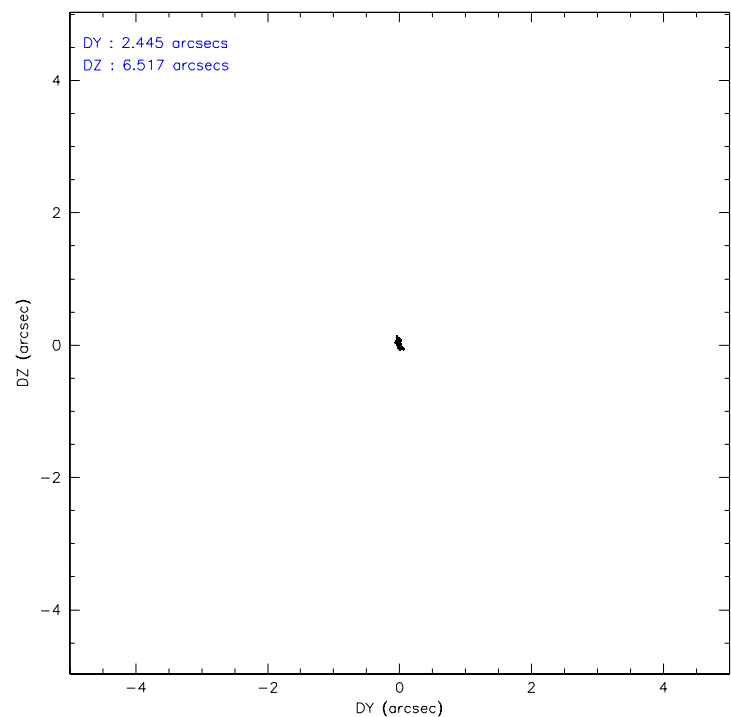
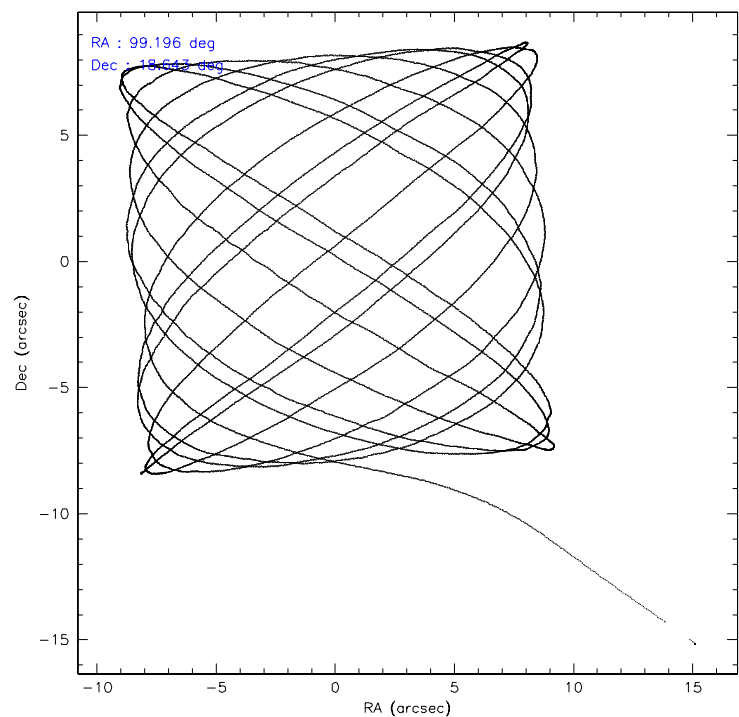
	ccd 0	ccd 1	ccd 2	ccd 3
level 1 events	46776	45658	50006	51813
rejected events	40788	39521	44237	45986
rejected %	87%	86%	88%	88%

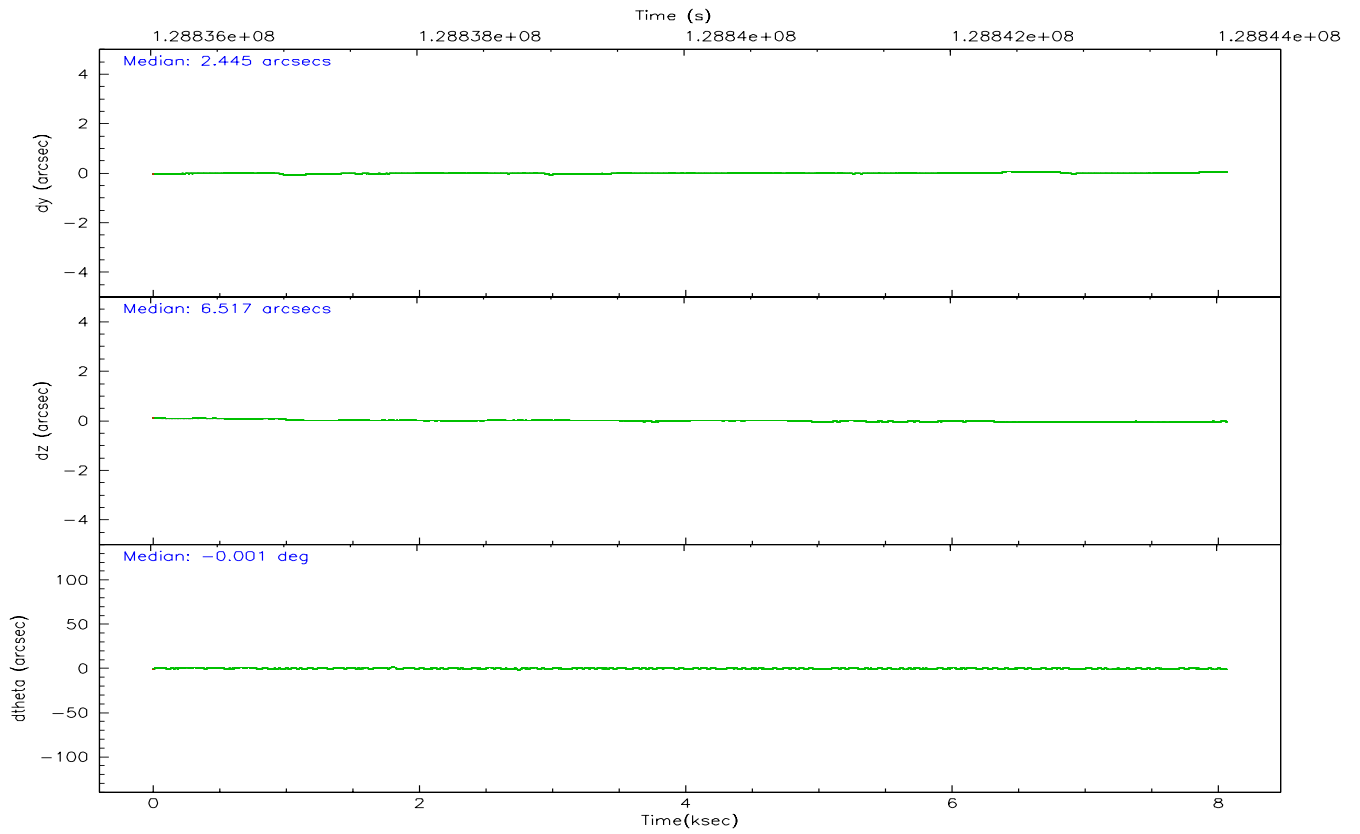
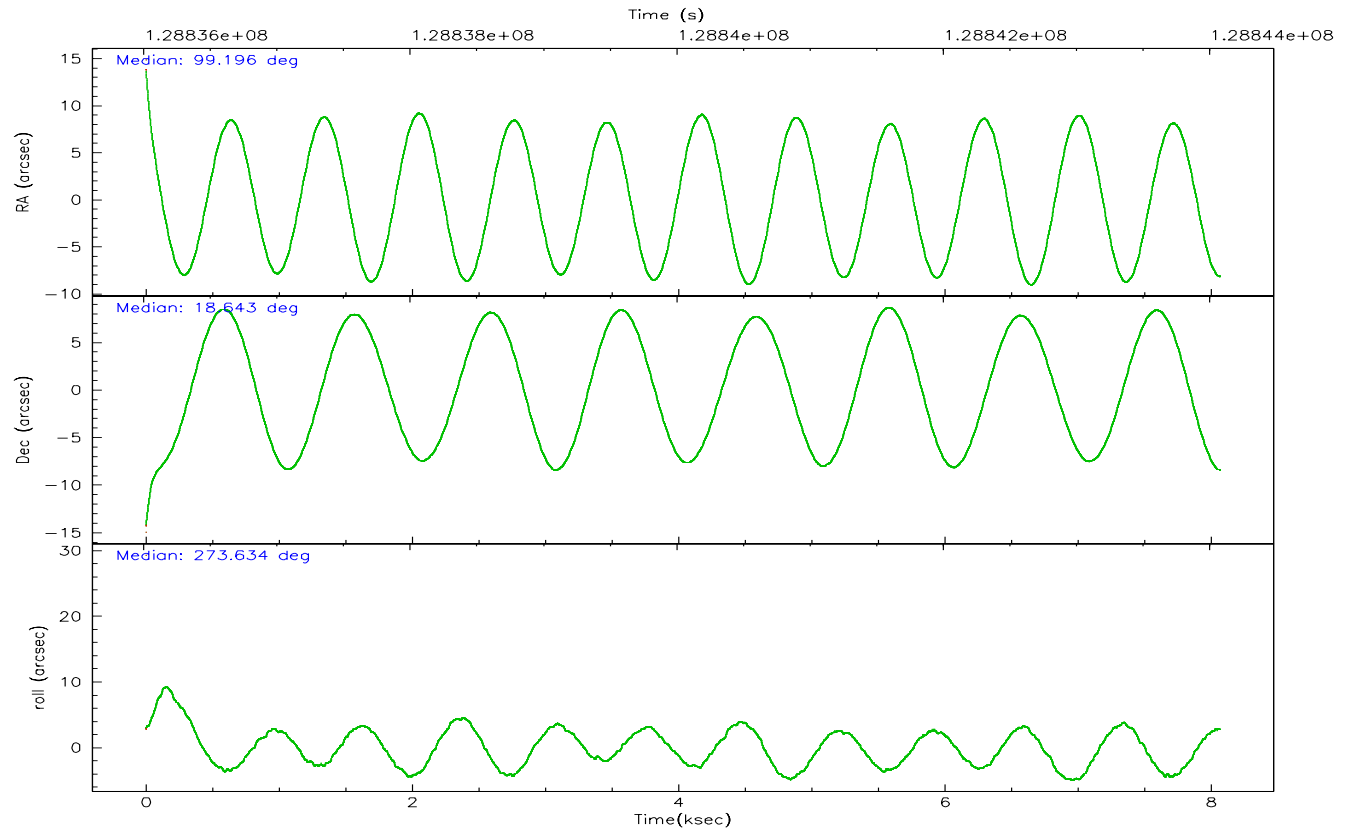
	ccd 0	ccd 1	ccd 2	ccd 3
grade 0 events	2557	2423	2483	2460
	5%	5%	4%	4%
grade 1 events	22	17	18	31
	0%	0%	0%	0%
grade 2 events	1292	1300	1258	1234
	2%	2%	2%	2%
grade 3 events	613	630	537	561
	1%	1%	1%	1%
grade 4 events	544	663	538	598
	1%	1%	1%	1%
grade 5 events	1950	1930	1843	2114
	4%	4%	3%	4%
grade 6 events	1057	1209	1028	1060
	2%	2%	2%	2%
grade 7 events	38741	37486	42301	43755
	82%	82%	84%	84%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-0123	ACIS-0123	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	99.180189	99.19628438629857	Alternating exposures requested	N	N
Pointing Dec	18.665257	18.64244760473971	Primary exposure time	0.000000	3.1
Pointing Roll	273.440455	273.6439932349545			
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	128836179.184000	128835213.79165			
Observation start date	2002-01-31T03:48:35	2002-01-31T03:33:33			
Observation end time	128844077.184000	128844397.79202			
Observation end date	2002-01-31T06:00:13	2002-01-31T06:06:37			
Read mode	TIMED	TIMED			

2.3 Aspect



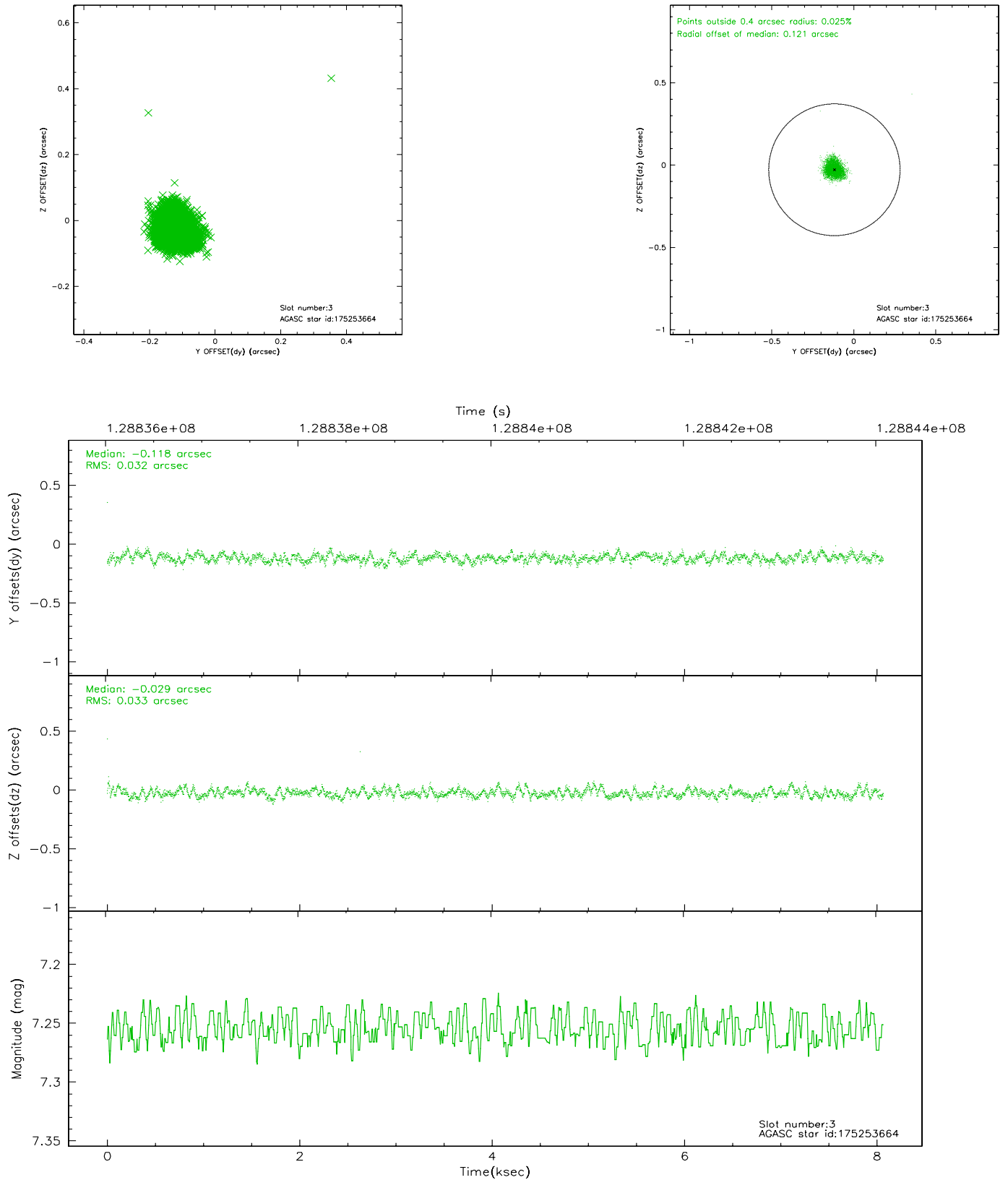


Slot Statistics

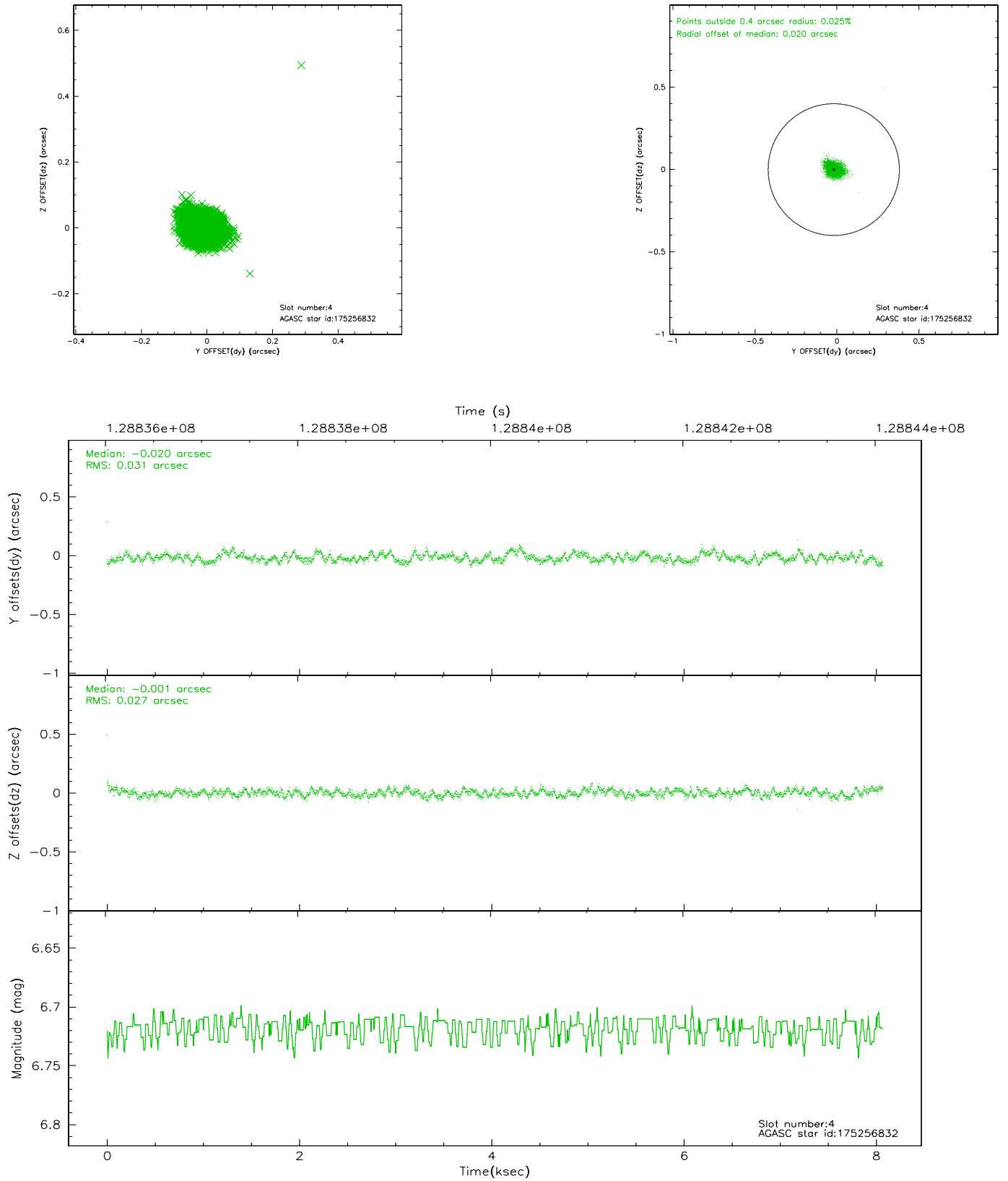
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	1968	-0.030	0.040	0.006	0.010	0.000000	0.000000	937.32	-829.88
1	FID	ACIS-I-5	7.24	1967	-0.009	0.036	0.006	0.010	0.000000	0.000000	-1810.34	1067.31
2	FID	ACIS-I-6	7.26	1968	-0.053	-0.005	0.007	0.011	0.000000	0.000000	402.14	1712.52
3	GUIDE	175253664	7.25	3935	-0.118	-0.029	0.048	0.075	99.258483	19.160128	-1761.33	372.45
4	GUIDE	175256832	6.72	3935	-0.020	-0.001	0.044	0.069	99.741216	19.247044	-1978.94	2029.13
5	GUIDE	174719848	8.08	3934	0.146	0.015	0.062	0.098	99.440929	18.401562	1001.09	832.88
6	GUIDE	174721496	9.17	3934	0.043	0.013	0.081	0.131	98.690774	18.351692	1025.97	-1736.46
7	GUIDE	174723232	9.18	3934	-0.054	0.004	0.080	0.130	98.573629	18.740351	-395.74	-2048.15

2.4 Star Slots

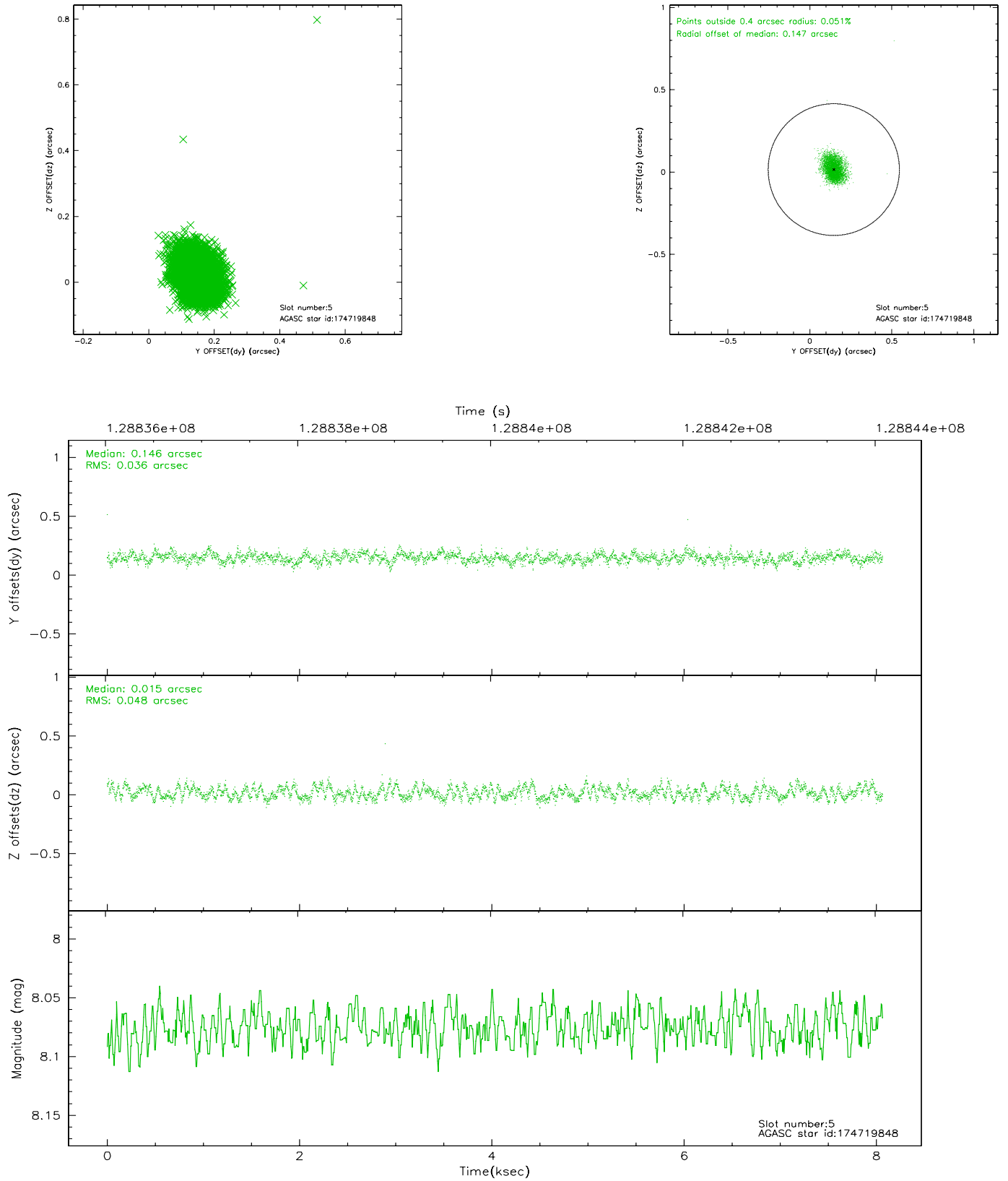
2.4.1 Slot 3



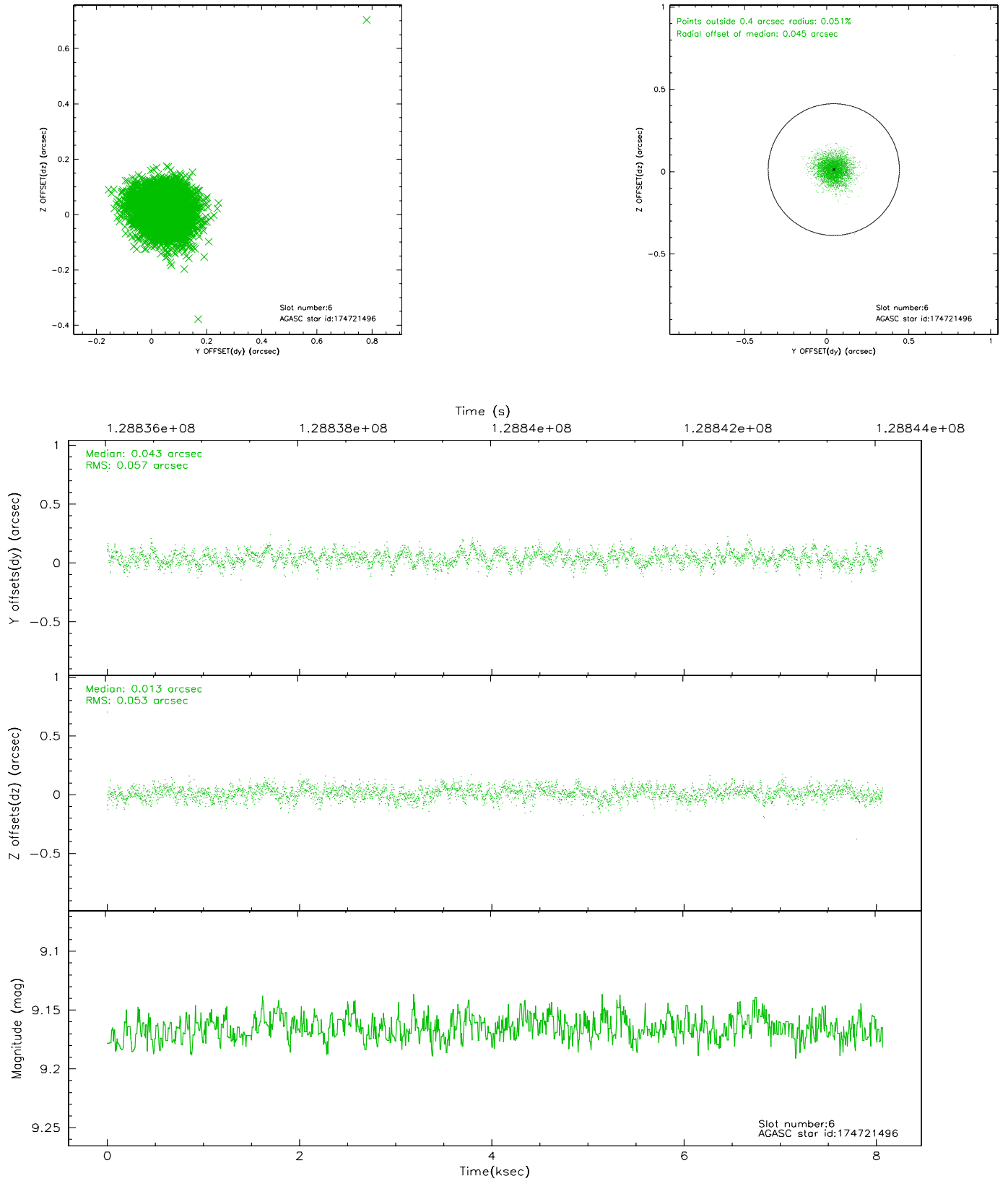
2.4.2 Slot 4



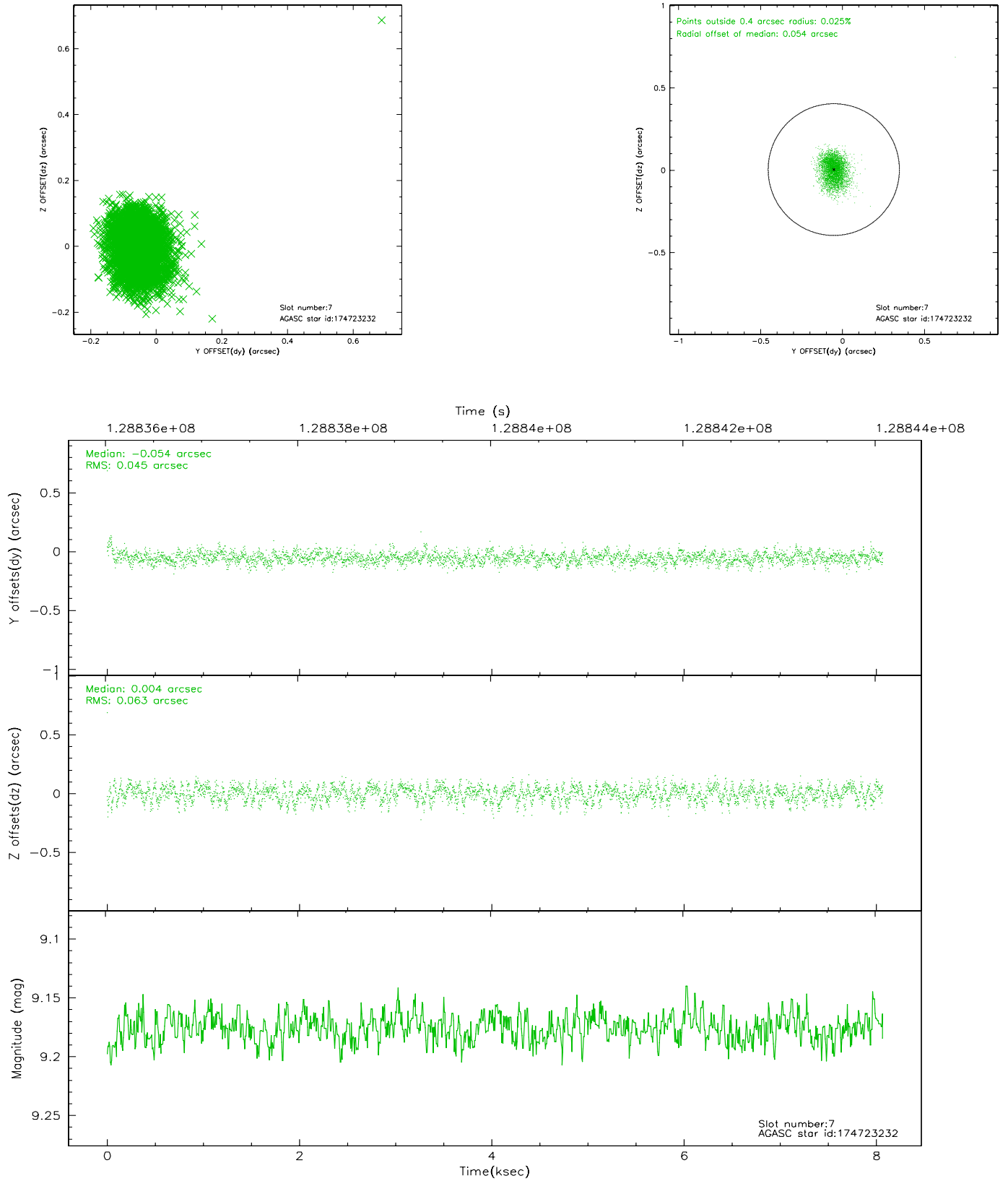
2.4.3 Slot 5



2.4.4 Slot 6

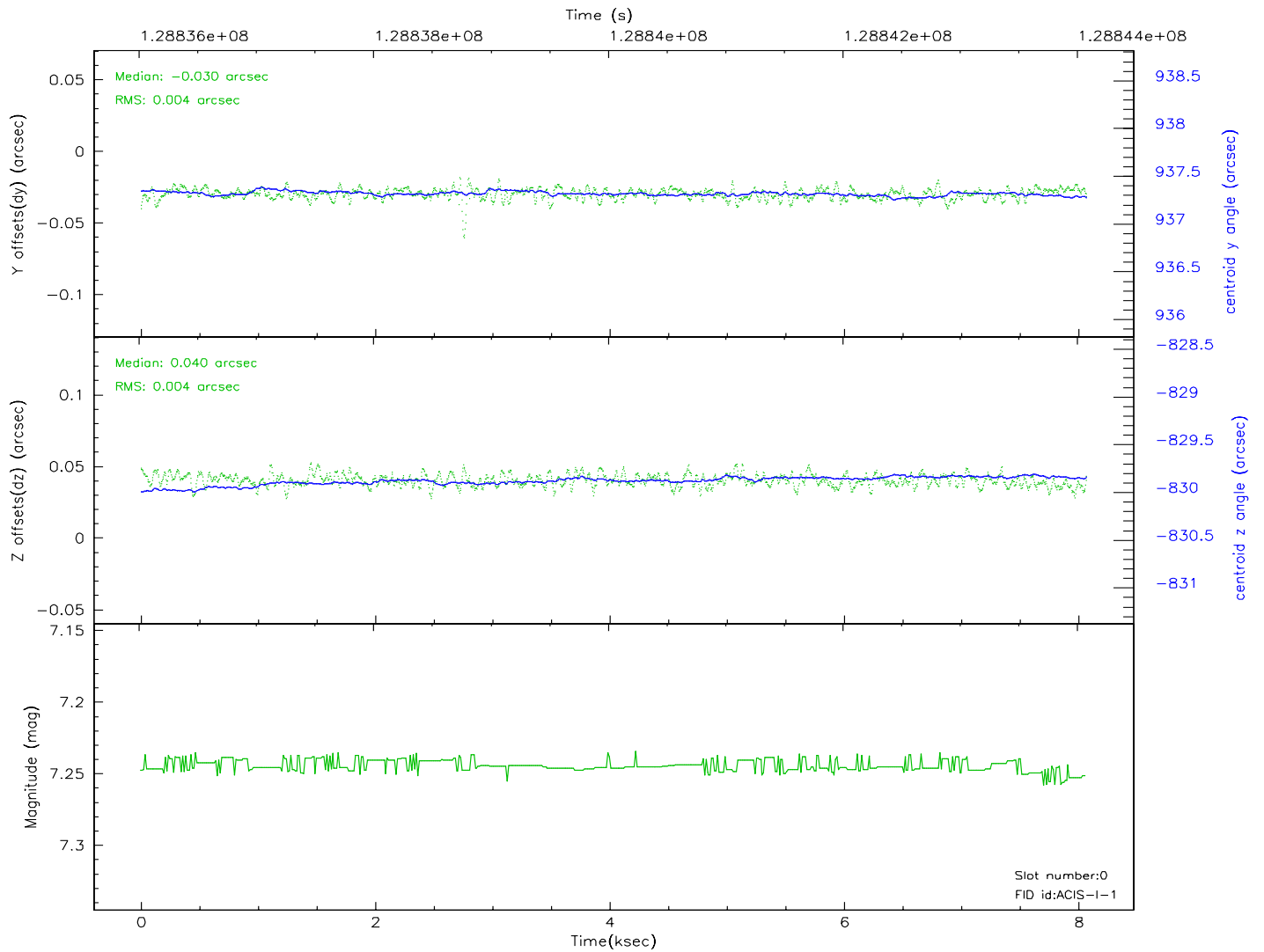
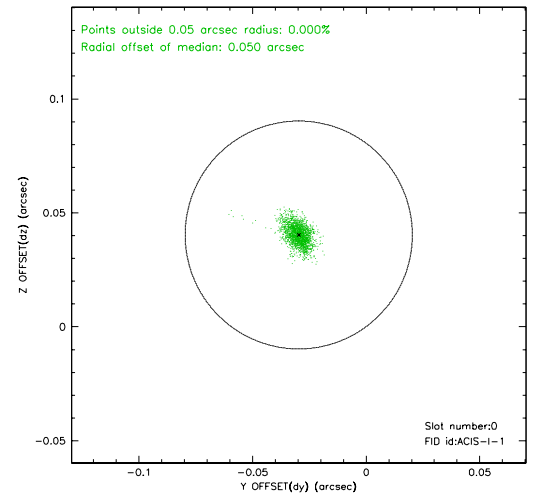
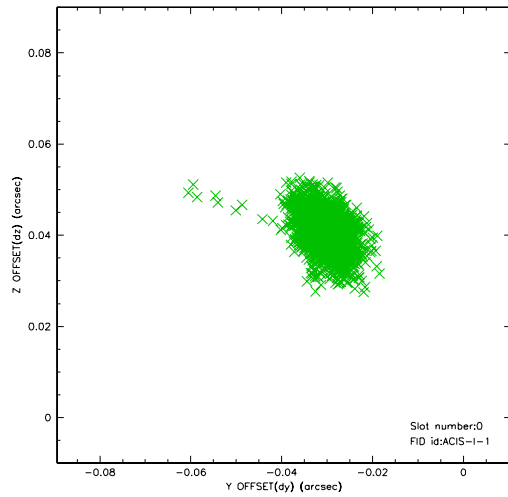


2.4.5 Slot 7

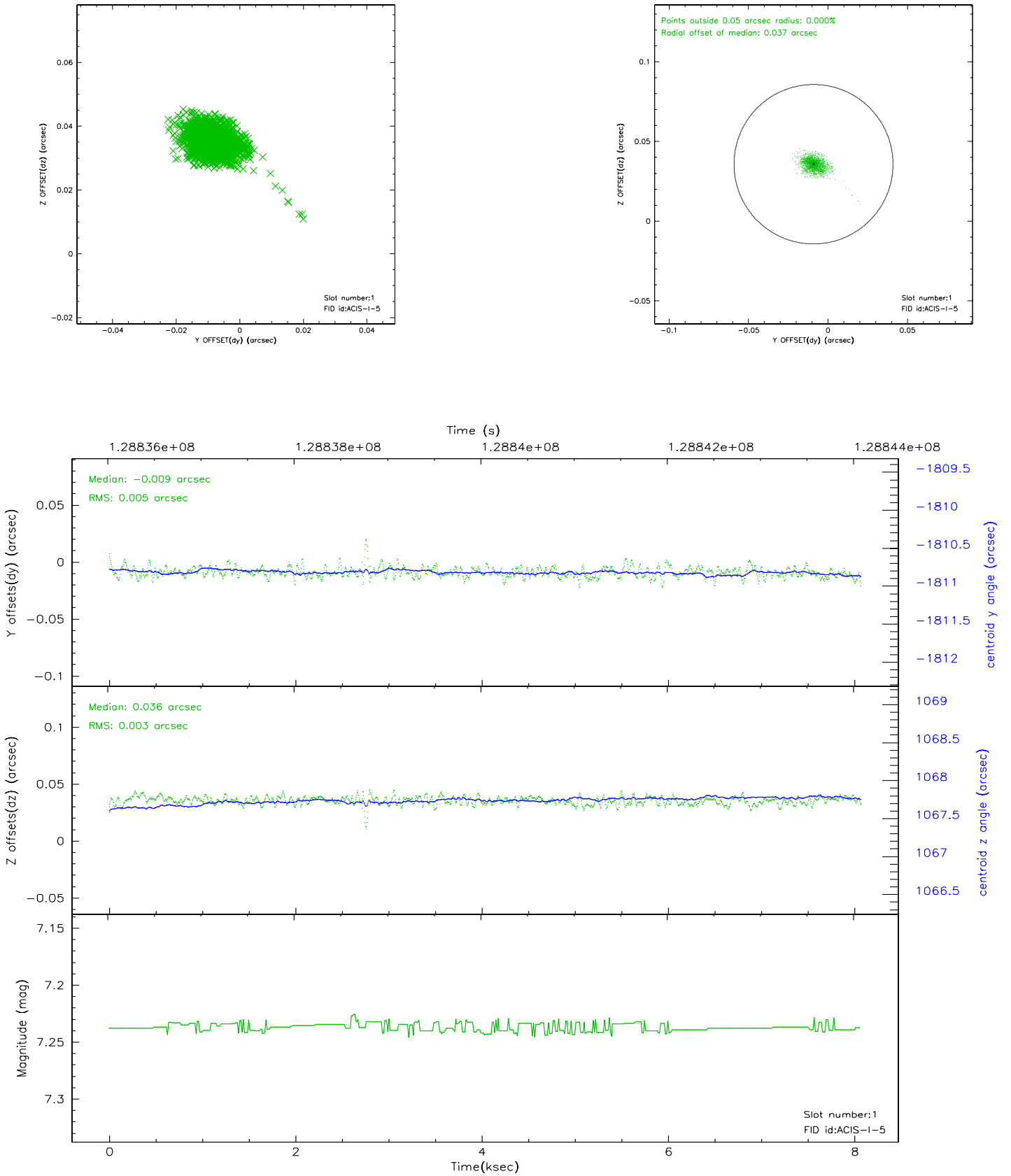


2.5 FID Slots

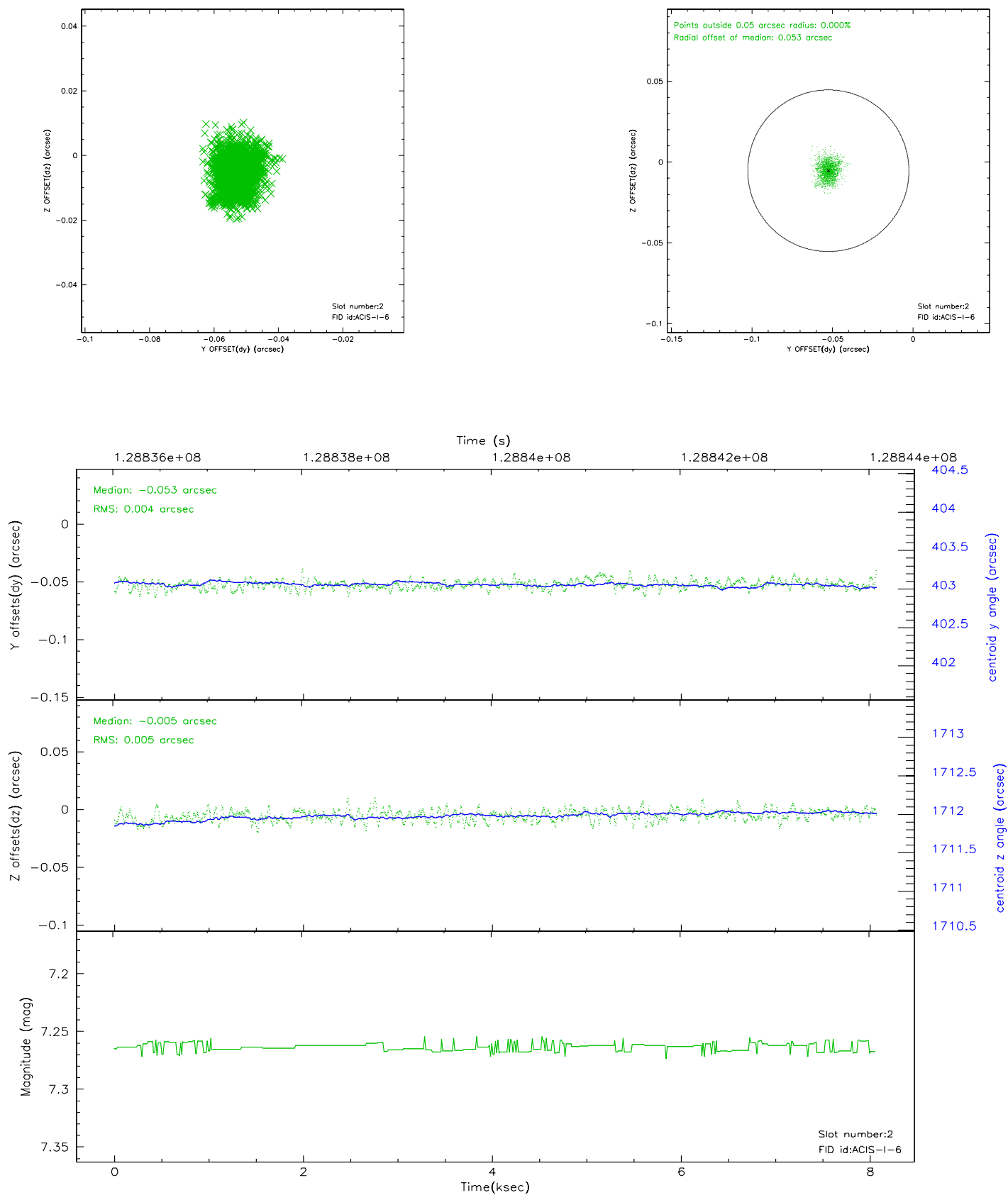
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

7.28 arcmin



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.08.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.05

A.2 Comments