

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 3575 - L2 Version 001
Chandra X-Ray Center

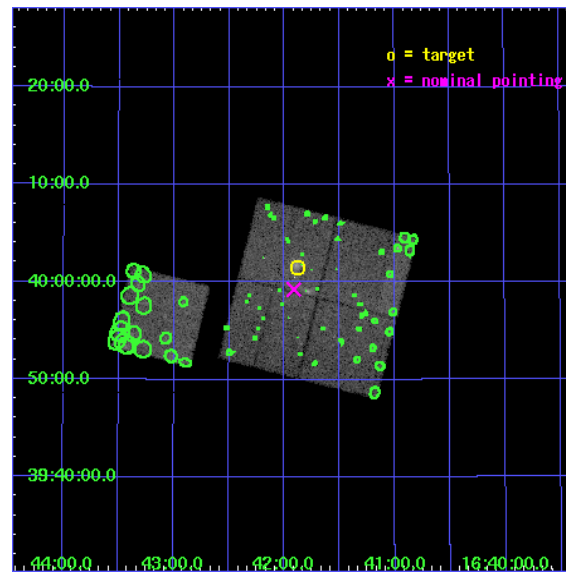
L2 Processing Date : Jul 4 2006

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1 Front

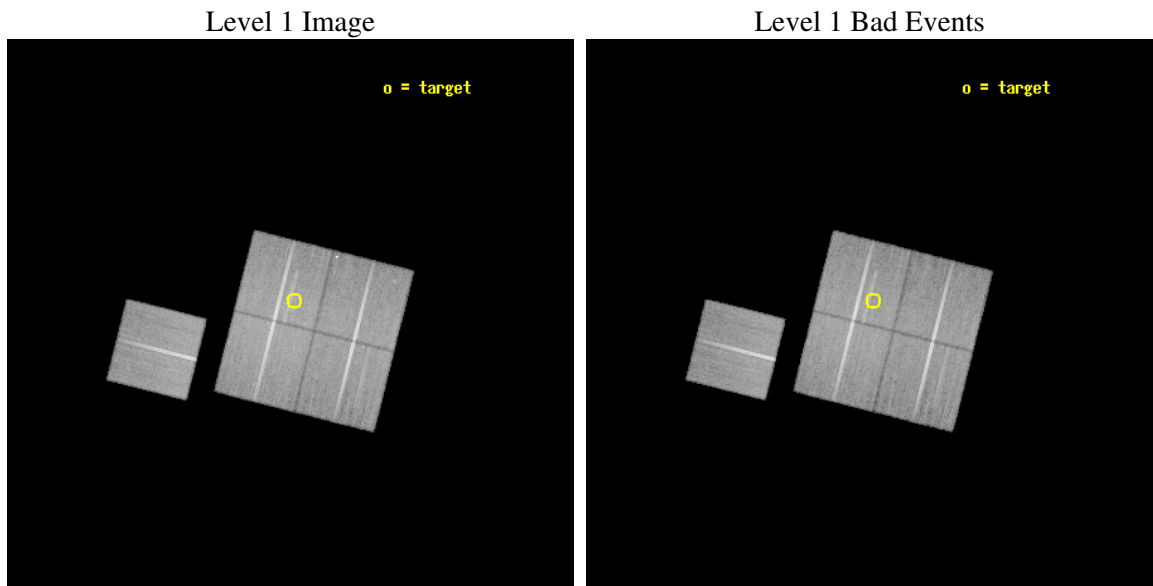
seq_num	800296
obs_id	3575
title	CLUSTER - CL1641+4001
observer	Dr. Stephen Murray
object	CL1641+4001
dtcycle	0
cycle	P
ra_targ	250.46875
dec_targ	40.024722
ra_nom	250.47831840219
dec_nom	39.987795358433
roll_nom	284.1500242471
revision	2
ontime	47141.699909359
livetime	46525.758894829
ontime0	47135.418008834
ontime1	47138.558939099
ontime2	47135.41804859
ontime3	47141.699909359
ontime6	47132.277038515
l2events	113893



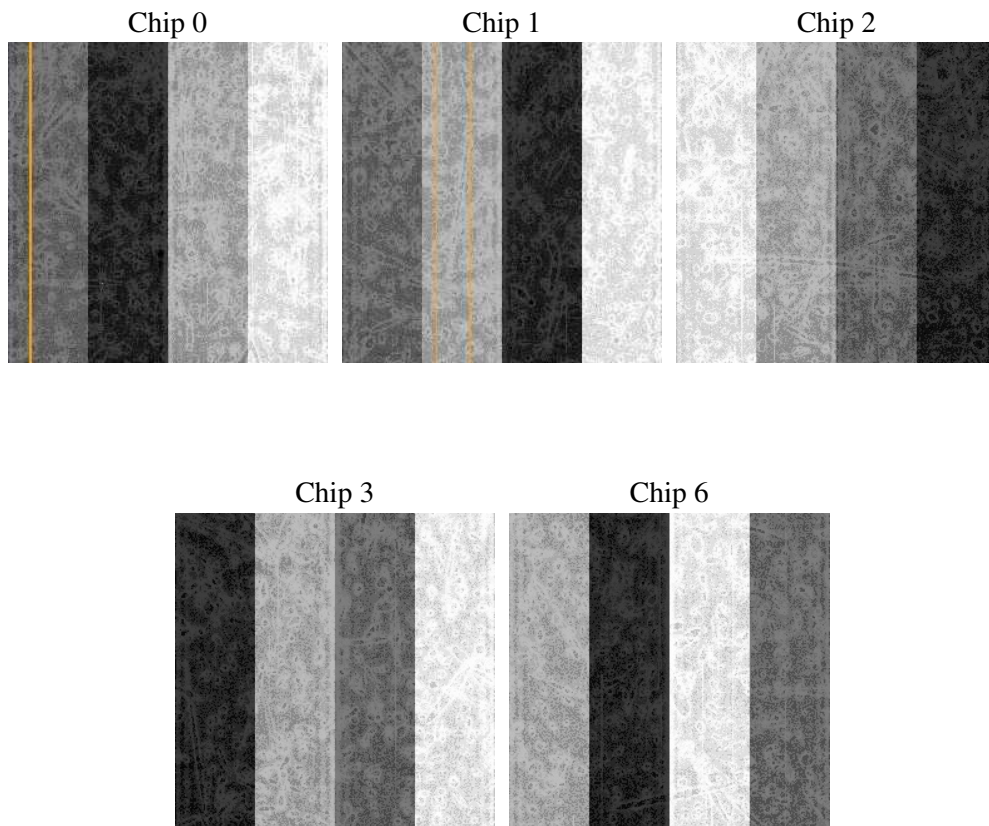
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.8
caldbver	3.2.2
date	2006-07-04T13:01:41
revision	2

sched_exp_time	47000.000000
ontime	47598.750392526
ontime0	47592.468492001
ontime1	47595.609422266
ontime2	47592.468531758
ontime3	47598.750392526
ontime6	47589.327521682
l1events	1298526

2.1.4 Events

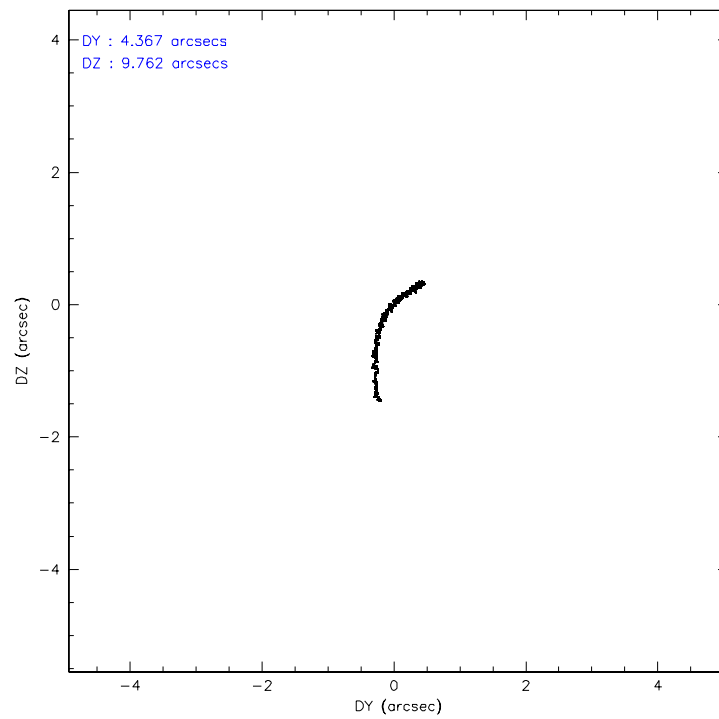
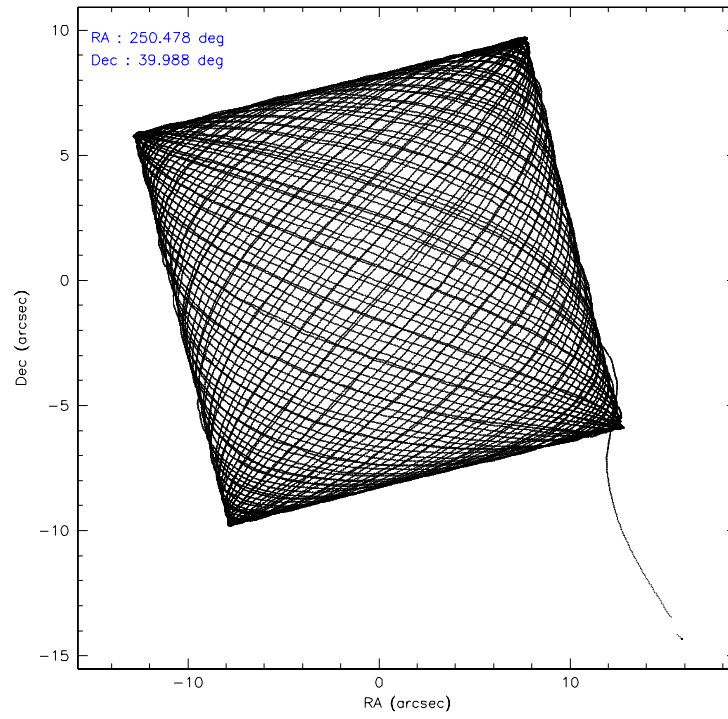
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	242884	247157	275913	270323	262249
rejected events	217445	217062	250133	242994	234708
rejected %	89%	87%	90%	89%	89%

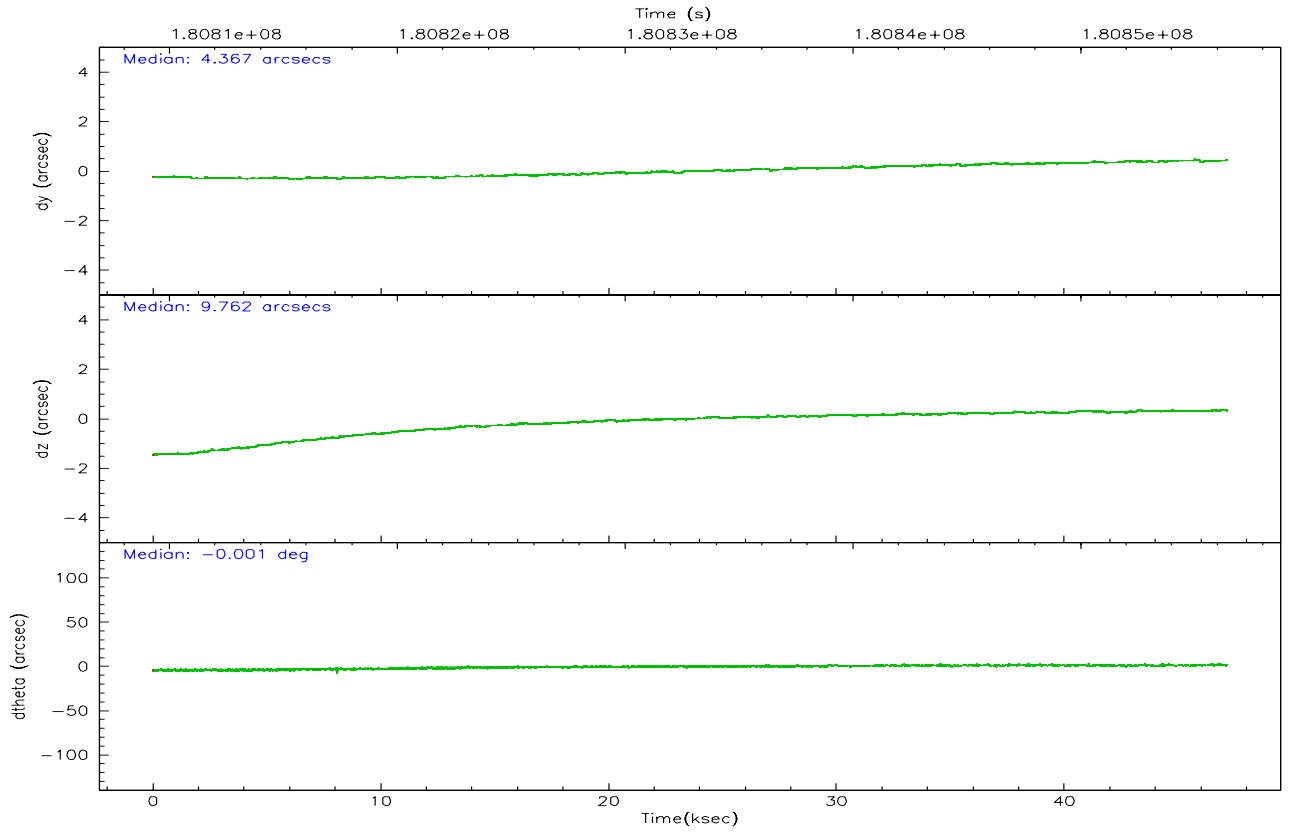
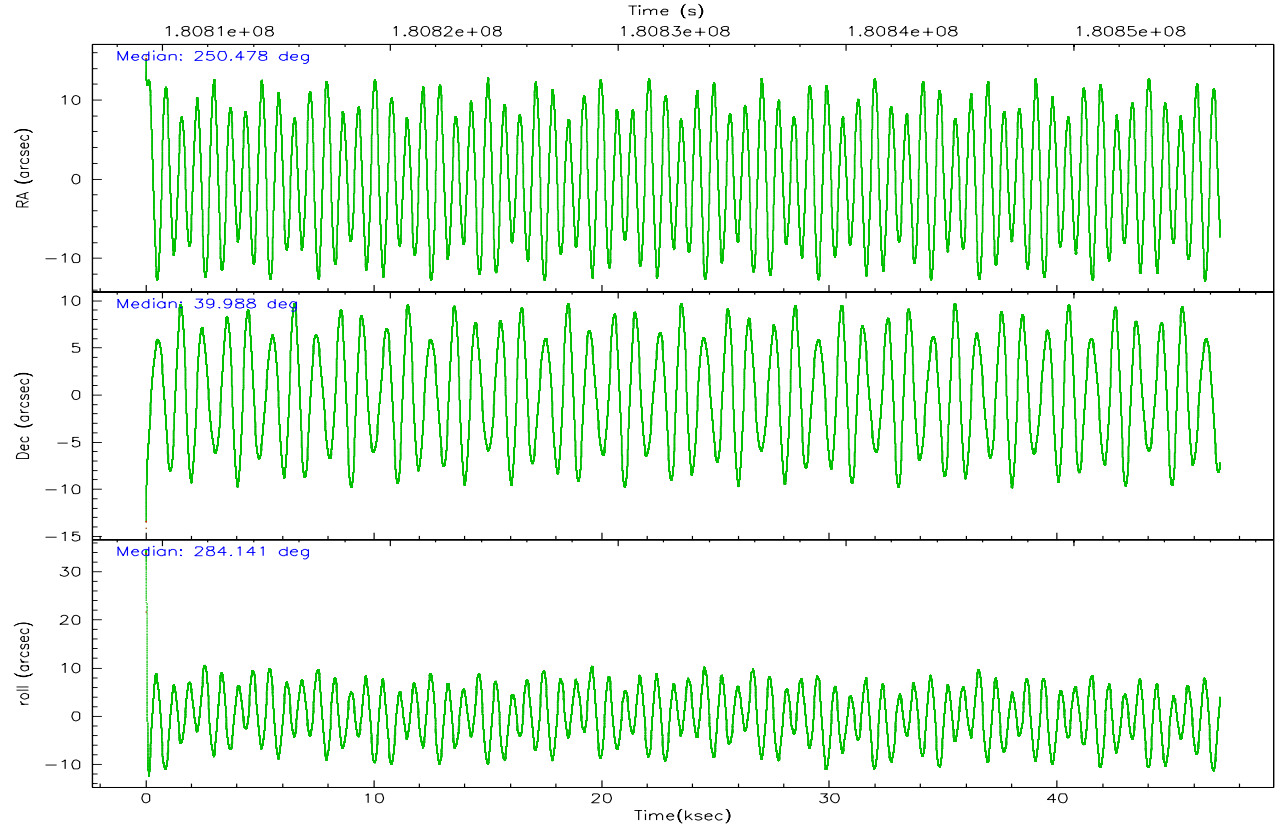
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	8903	12007	9632	11146	10515
	3%	4%	3%	4%	4%
grade 1 events	120	127	141	139	103
	0%	0%	0%	0%	0%
grade 2 events	5801	6293	5832	5517	5659
	2%	2%	2%	2%	2%
grade 3 events	3029	3257	2894	2965	3121
	1%	1%	1%	1%	1%
grade 4 events	2901	3190	2860	2932	2943
	1%	1%	1%	1%	1%
grade 5 events	8876	9698	8596	10414	9895
	3%	3%	3%	3%	3%
grade 6 events	5053	5610	4789	5005	5580
	2%	2%	1%	1%	2%
grade 7 events	208201	206975	241169	232205	224433
	85%	83%	87%	85%	85%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-01236	ACIS-01236	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	250.453304	250.4783184021884	Alternating exposures requested	N	N
Pointing Dec	40.007353	39.9877953584333	Primary exposure time	0.000000	3.1
Pointing Roll	283.957397	284.1500242470992			
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-227.742463	-227.734108438797			
SIM translation stage offset (mm)	-5.85	-5.858344564132665			
Observation start time	180809435.184000	180808235.58072			
Observation start date	2003-09-24T16:49:31	2003-09-24T16:30:35			
Observation end time	180856435.184000	180857591.38284			
Observation end date	2003-09-25T05:52:51	2003-09-25T06:13:11			
Read mode	TIMED	TIMED			

2.3 Aspect



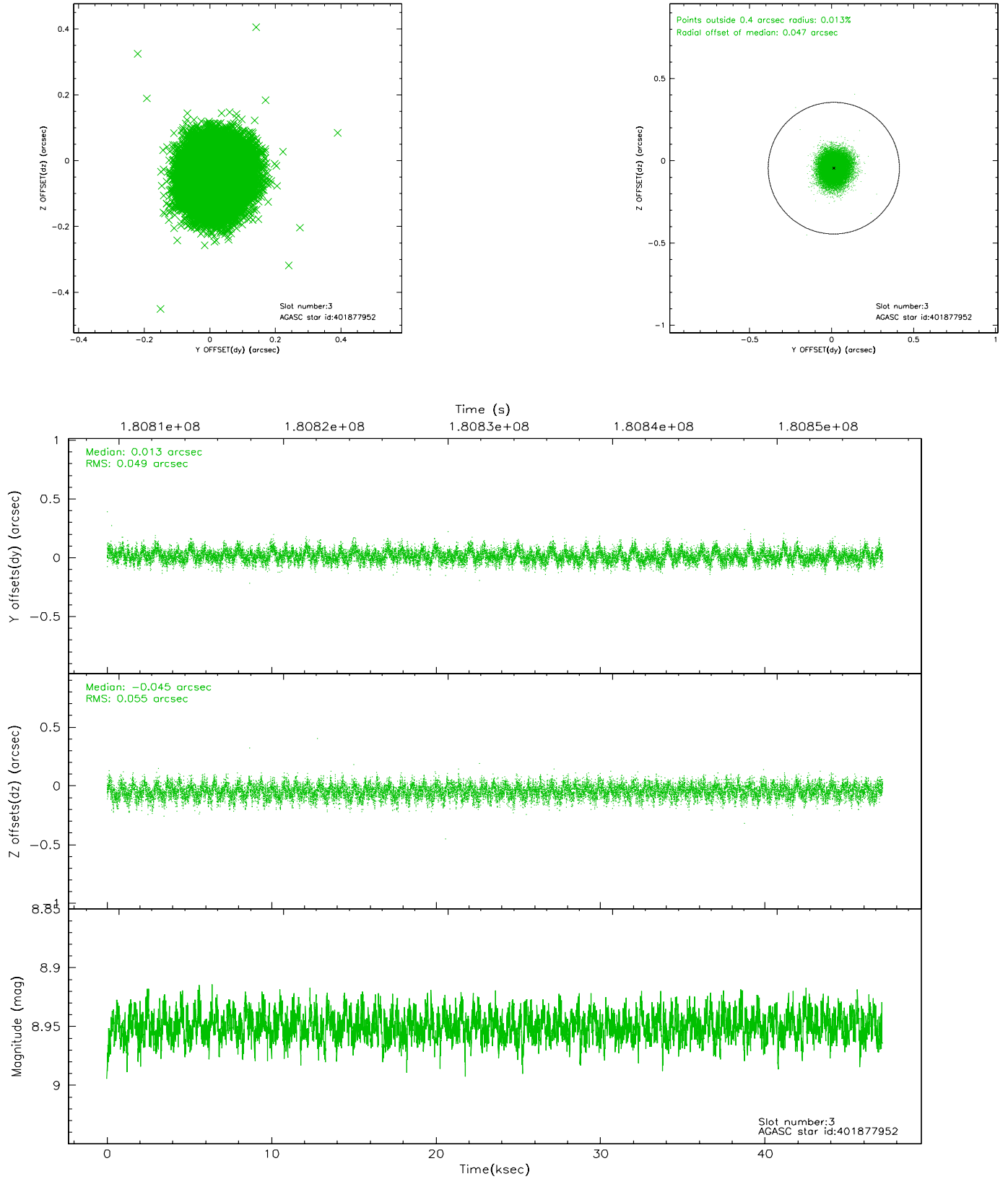


Slot Statistics

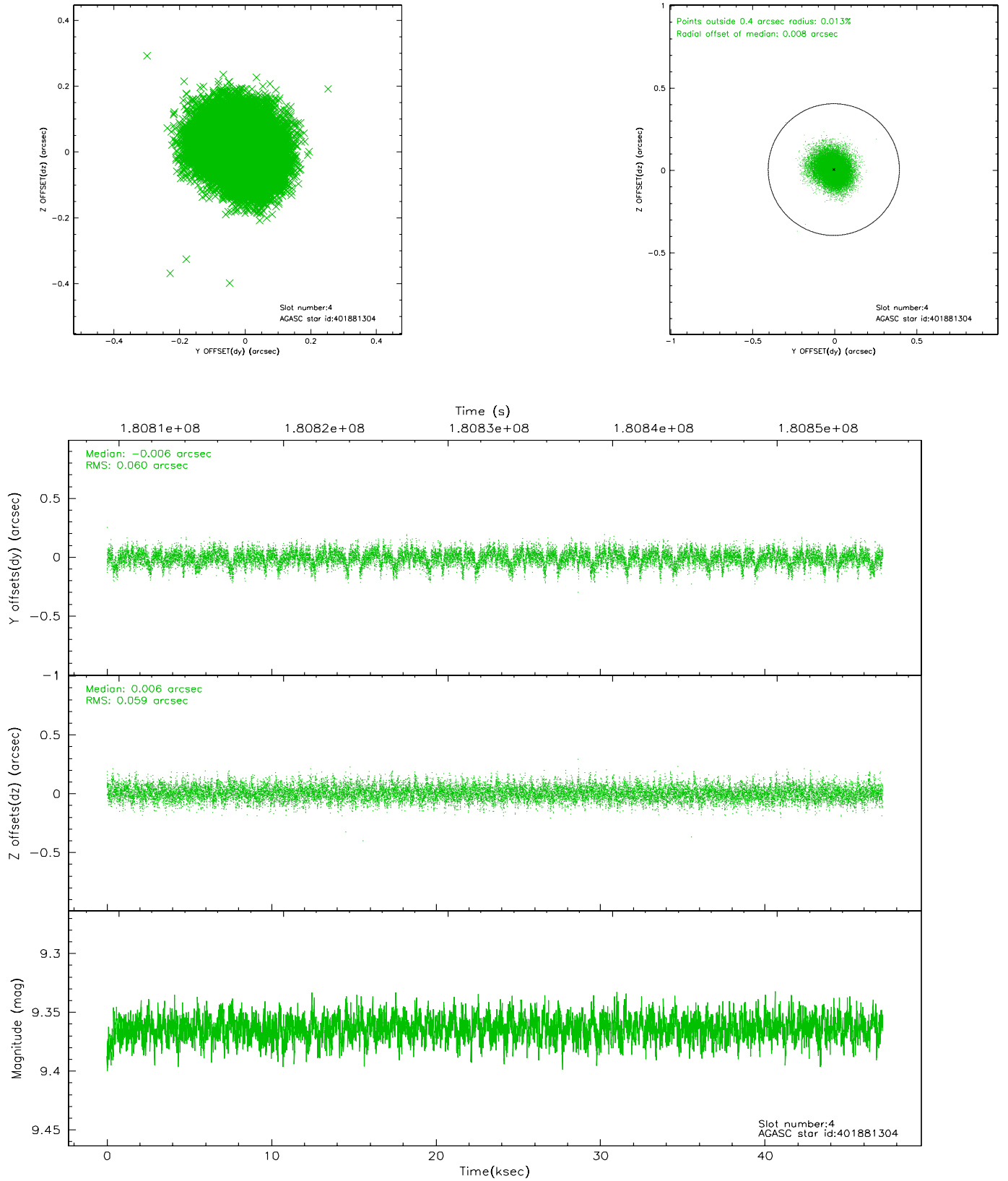
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.23	11497	0.083	-0.039	0.021	0.045	0.000000	0.000000	935.32	-953.33
1	FID	ACIS-I-5	7.22	11499	-0.214	0.087	0.017	0.026	0.000000	0.000000	-1813.05	944.32
2	FID	ACIS-I-6	7.25	11498	0.041	0.022	0.010	0.023	0.000000	0.000000	400.88	1588.72
3	GUIDE	401877952	8.95	22985	0.013	-0.045	0.079	0.125	249.852397	40.152984	-912.34	-1476.60
4	GUIDE	401881304	9.36	22990	-0.006	0.006	0.090	0.148	249.710159	40.228901	-1274.41	-1787.62
5	GUIDE	402920824	9.55	22985	0.036	-0.032	0.091	0.147	250.008594	39.833340	309.03	-1343.07
6	GUIDE	402924200	9.45	22990	0.045	-0.057	0.087	0.141	250.233038	39.972708	-25.72	-619.32
7	GUIDE	402917000	9.20	22988	-0.097	0.129	0.102	0.170	251.000675	40.762596	-2283.36	2105.67

2.4 Star Slots

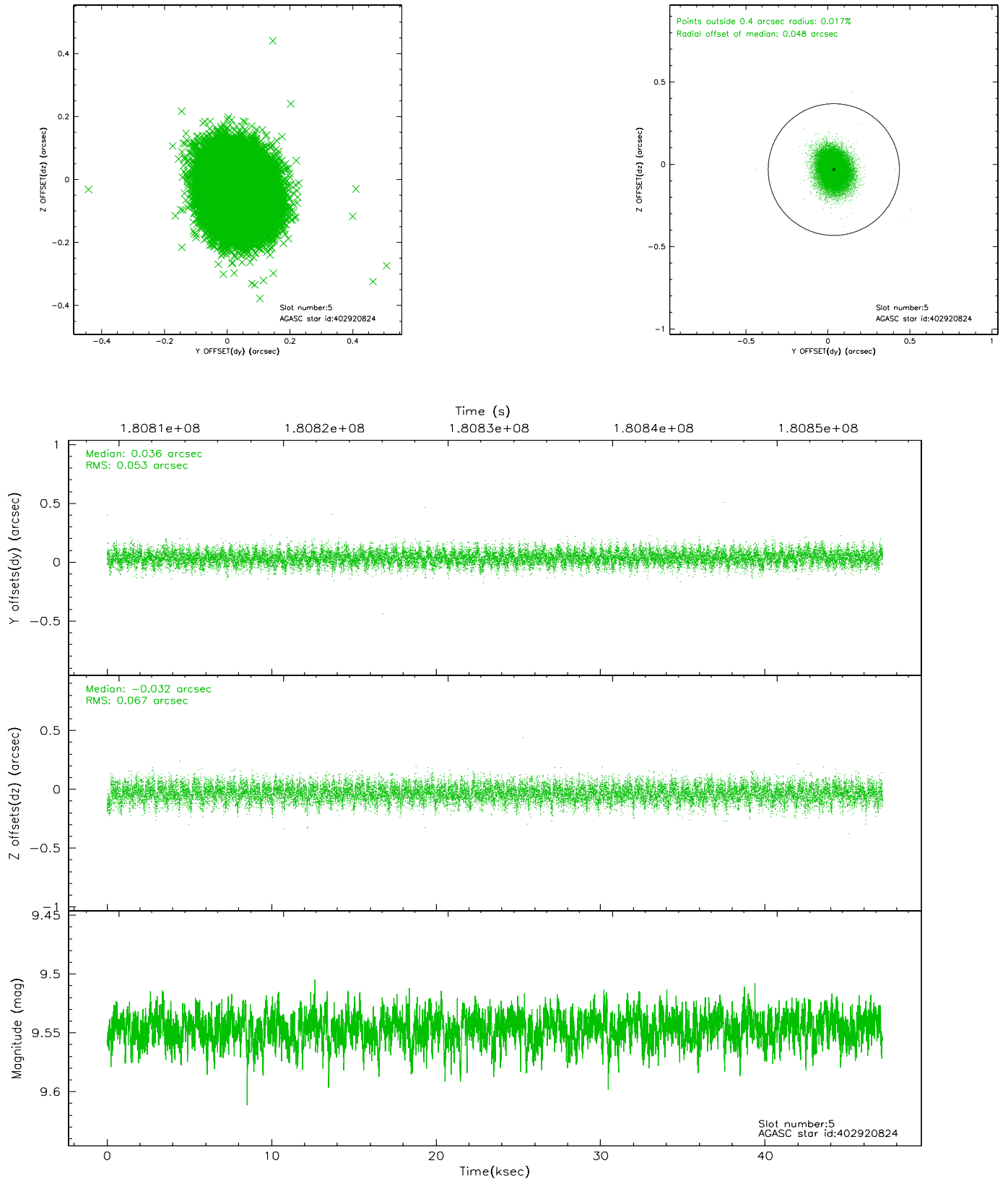
2.4.1 Slot 3



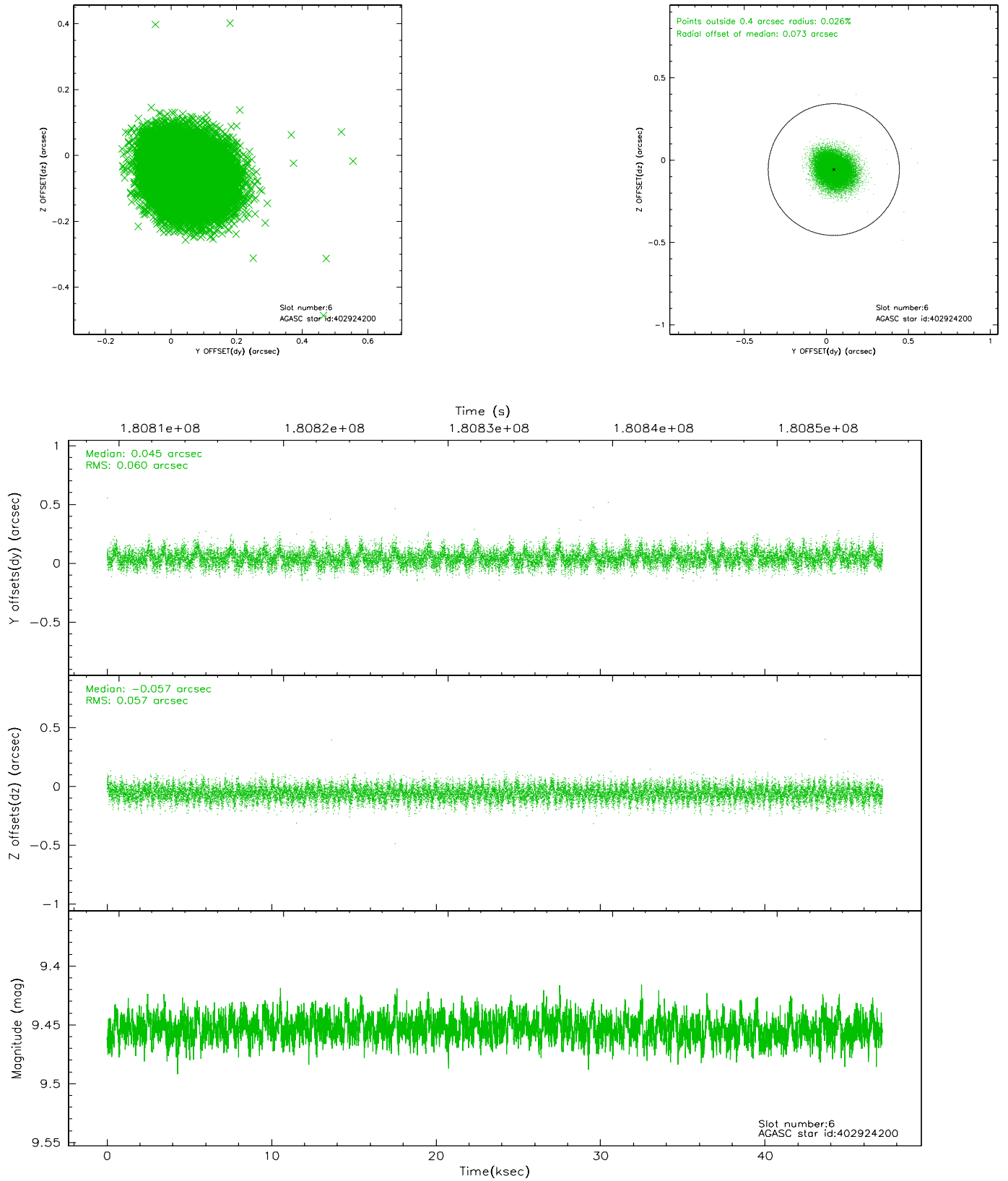
2.4.2 Slot 4



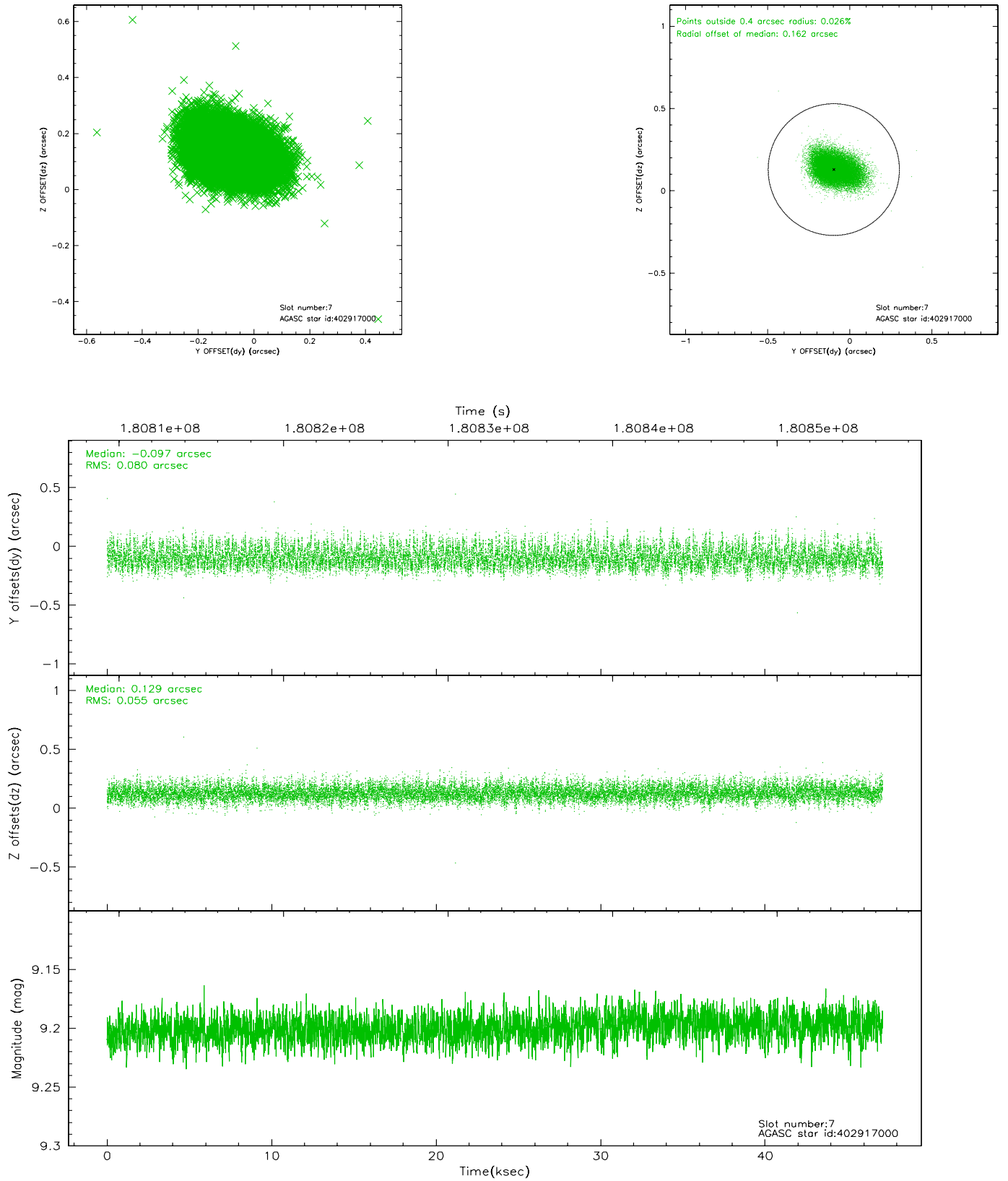
2.4.3 Slot 5



2.4.4 Slot 6

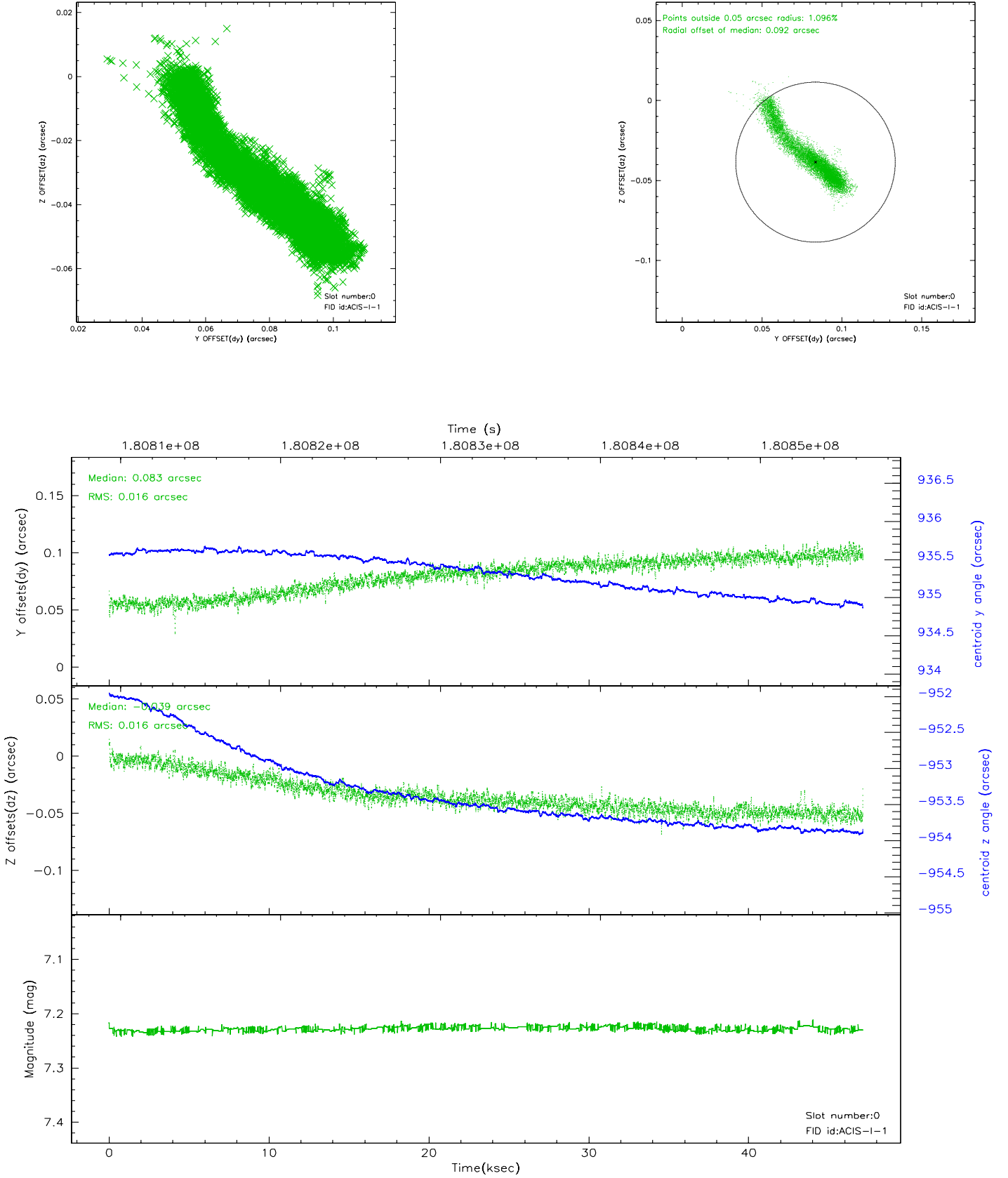


2.4.5 Slot 7

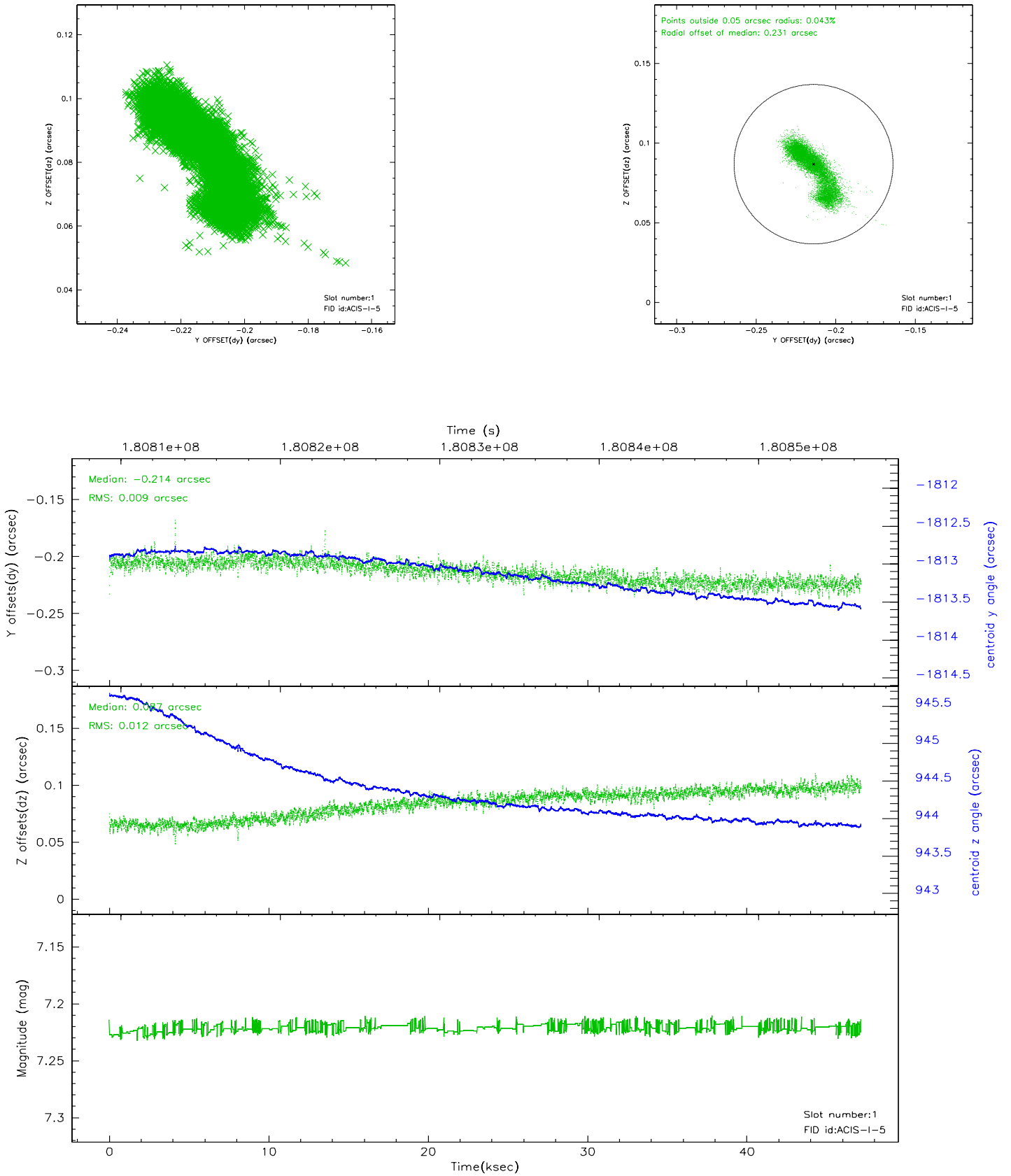


2.5 FID Slots

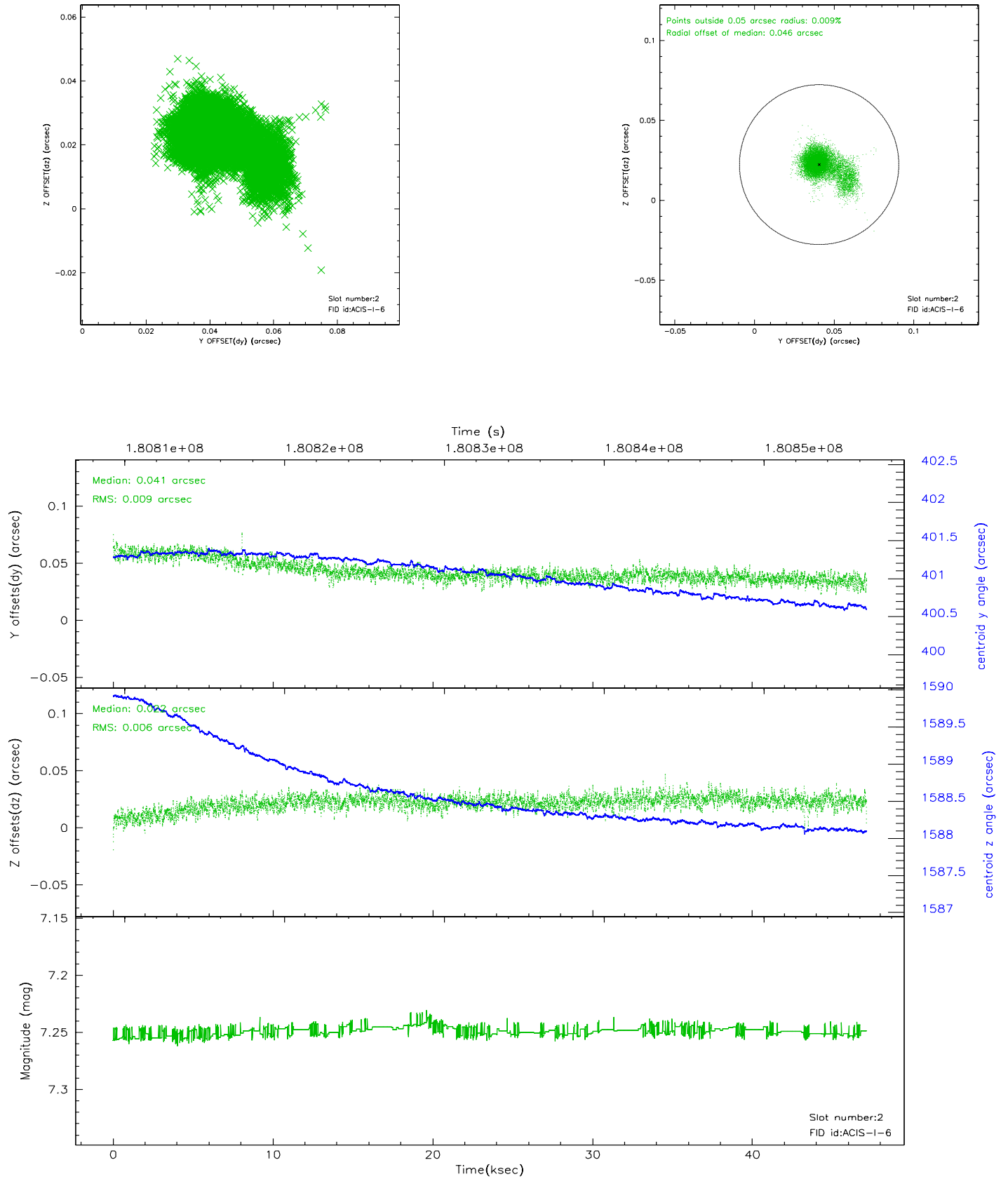
2.5.1 Slot 0



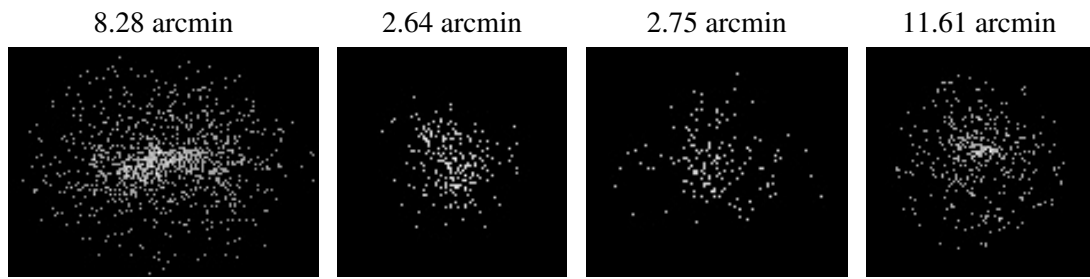
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.07.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	47.141

A.2 Comments