

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 4993 - L2 Version 001
Chandra X-Ray Center

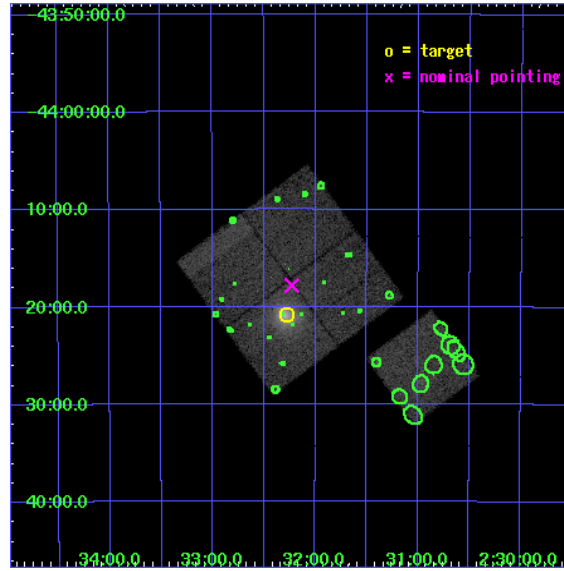
L2 Processing Date : May 1 2006

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1 Front

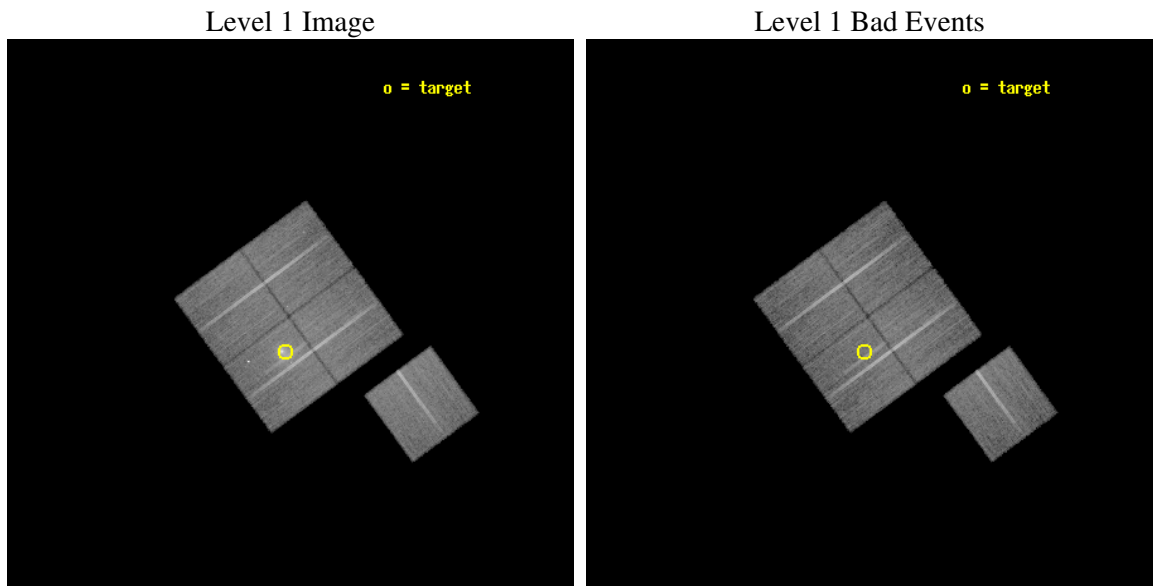
seq_num	800436
obs_id	4993
title	Studying the effect of merging clusters in cosmological cluster samples
observer	Prof. Hans Boehringer
object	RXCJ0232.2-4420
dtcycle	0
cycle	P
ra_targ	38.07
dec_targ	-44.3475
ra_nom	38.056906802866
dec_nom	-44.296899104177
roll_nom	143.73661627614
revision	2
ontime	23711.858984172
livetime	23402.046090128
ontime0	23714.999954402
ontime1	23711.858974159
ontime2	23714.999954402
ontime3	23711.858984172
ontime6	23708.718063682
l2events	120777



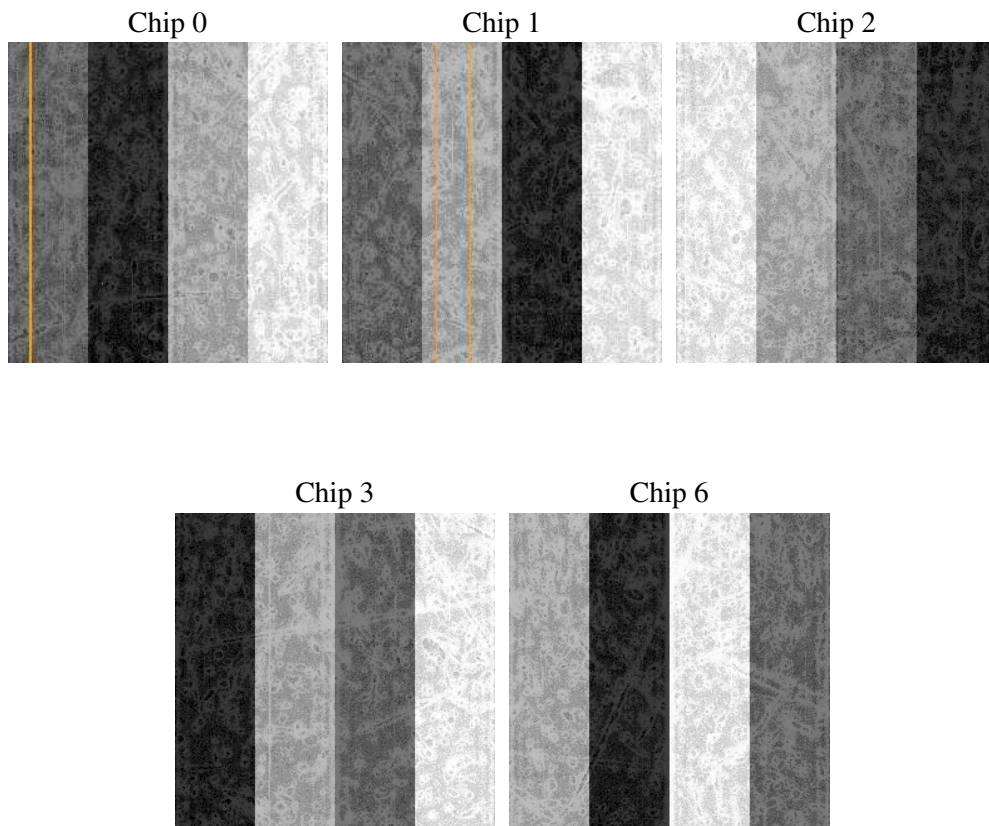
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.2
caldbver	3.2.1
date	2006-05-01T12:28:21
revision	2

sched_exp_time	23940.279000
ontime	23714.577328622
ontime0	23717.718278944
ontime1	23714.577298701
ontime2	23717.718298852
ontime3	23714.577328622
ontime6	23711.436418146
l1events	785296

2.1.4 Events

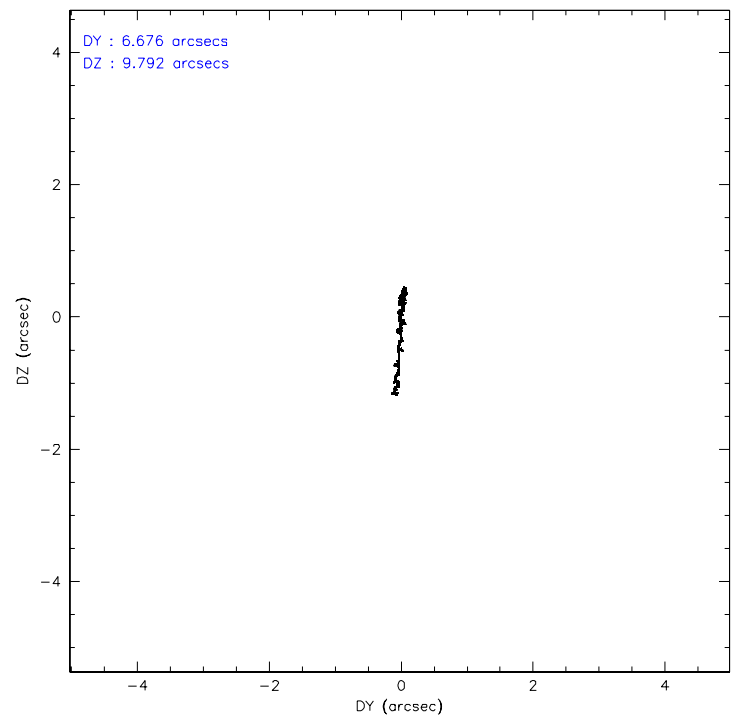
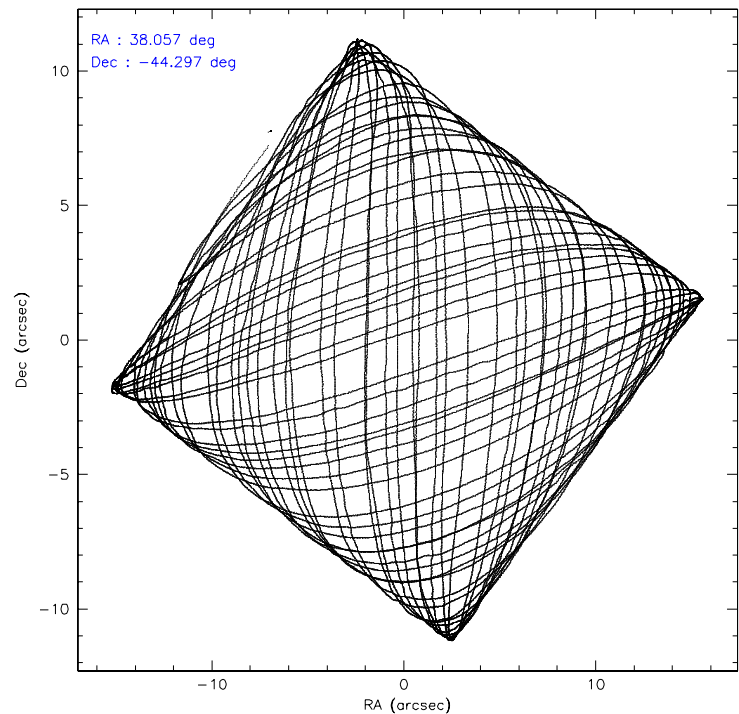
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	144420	148173	160569	176490	155644
rejected events	122201	122796	138350	134513	131369
rejected %	84%	82%	86%	76%	84%

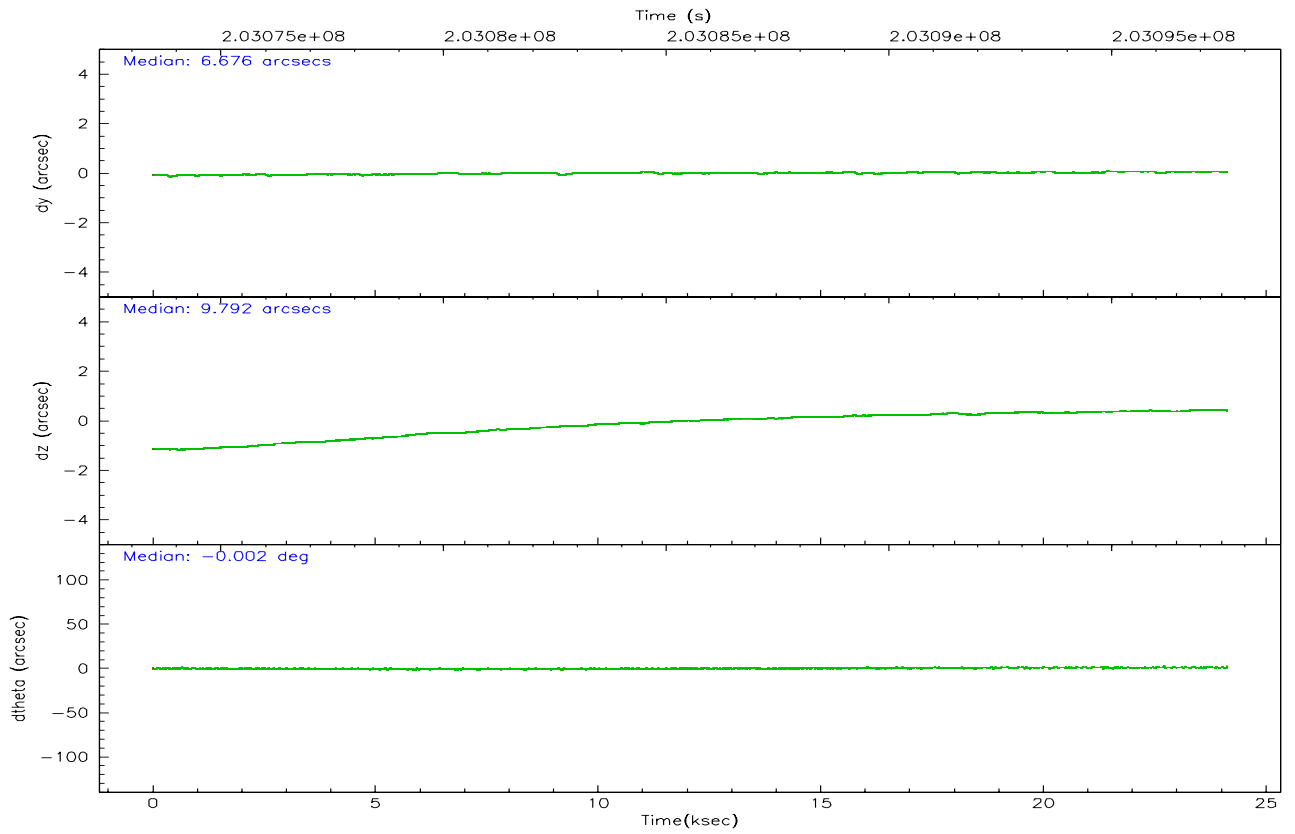
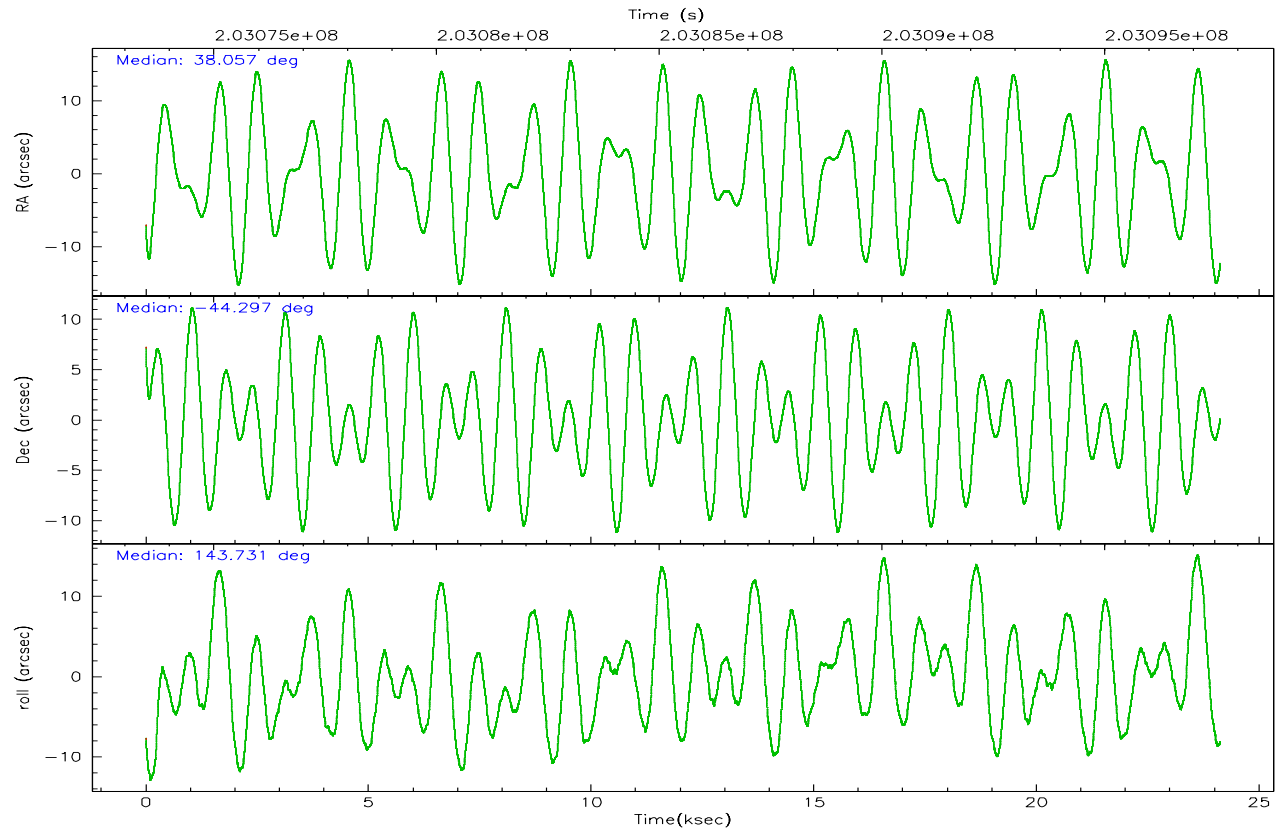
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	9774	11890	10228	26764	11516
	6%	8%	6%	15%	7%
grade 1 events	103	91	109	197	97
	0%	0%	0%	0%	0%
grade 2 events	4503	4668	4401	6005	4329
	3%	3%	2%	3%	2%
grade 3 events	1987	2210	1931	2557	2108
	1%	1%	1%	1%	1%
grade 4 events	2032	2202	1987	2520	1973
	1%	1%	1%	1%	1%
grade 5 events	5172	5453	4835	5781	5626
	3%	3%	3%	3%	3%
grade 6 events	3927	4411	3678	4136	4354
	2%	2%	2%	2%	2%
grade 7 events	116922	117248	133400	128530	125641
	80%	79%	83%	72%	80%

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	38.094955	38.05690680286641	Alternating exposures requested	N	N
Pointing Dec	-44.299775	-44.29689910417702	Primary exposure time	0.000000	3.1
Pointing Roll	143.554502	143.7366162761378			
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	203073662.184000	203072700.2524			
Observation start date	2004-06-08T09:19:58	2004-06-08T09:05:00			
Observation end time	203097602.184000	203097842.47852			
Observation end date	2004-06-08T15:58:58	2004-06-08T16:04:02			
Read mode	TIMED	TIMED			

2.3 Aspect



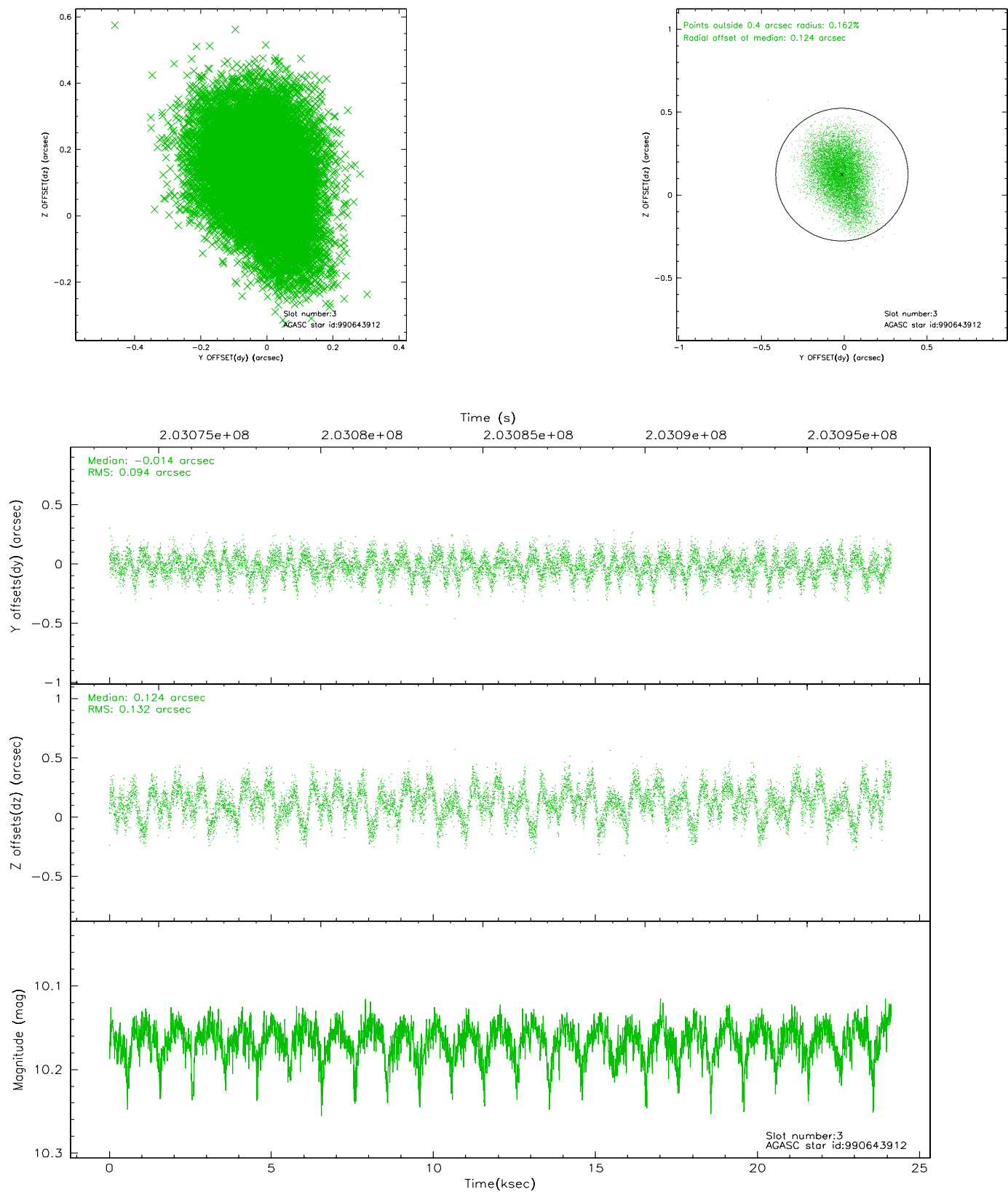


Slot Statistics

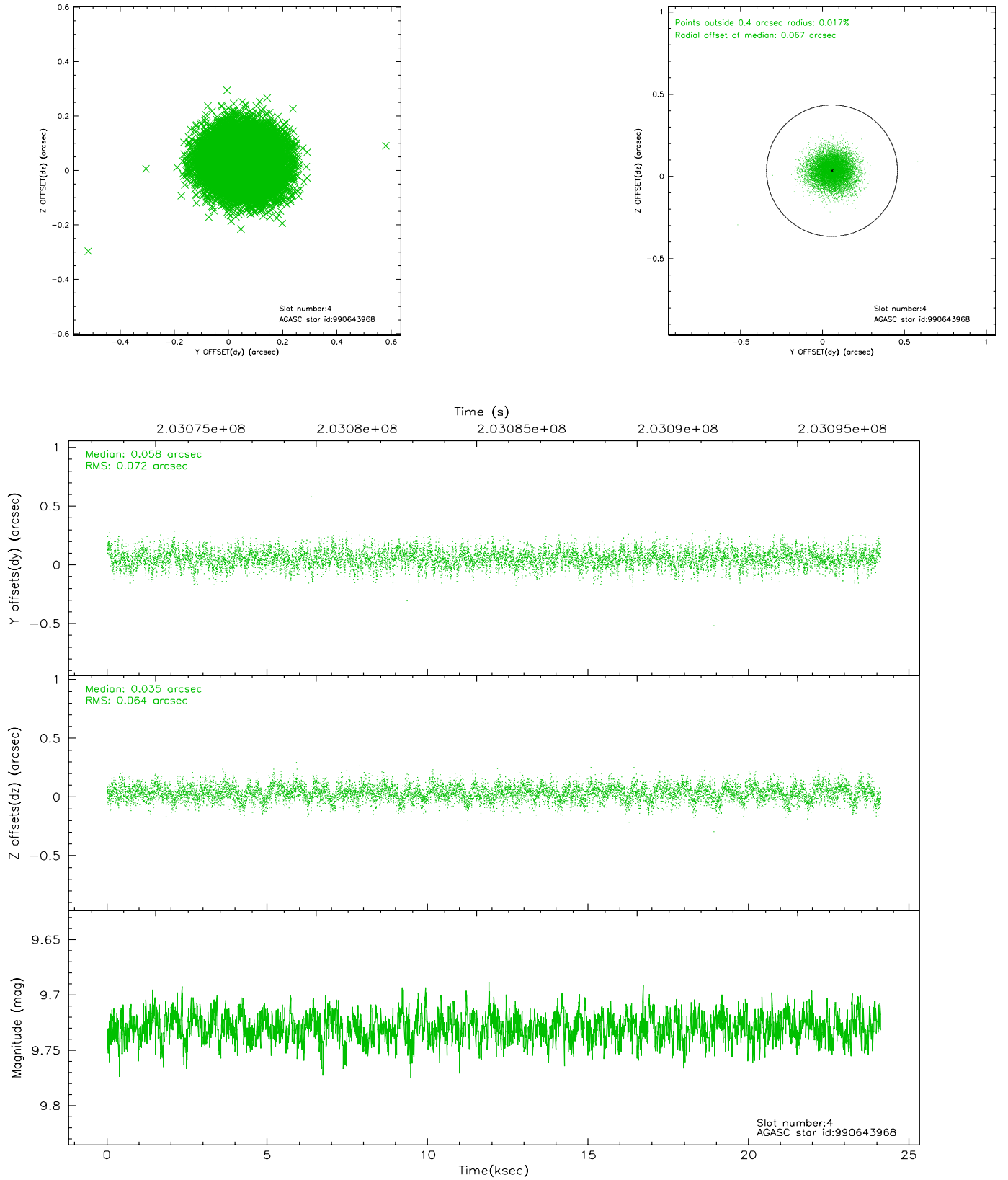
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	5885	-0.022	0.060	0.018	0.025	0.000000	0.000000	933.00	-833.03
1	FID	ACIS-I-5	7.23	5884	-0.112	0.019	0.006	0.011	0.000000	0.000000	-1815.13	1064.35
2	FID	ACIS-I-6	7.25	5885	0.043	-0.006	0.017	0.031	0.000000	0.000000	398.47	1708.97
3	GUIDE	990643912	10.16	11754	-0.014	0.124	0.173	0.284	38.170524	-44.077387	318.56	-759.78
4	GUIDE	990643968	9.73	11765	0.058	0.035	0.103	0.165	37.151123	-44.228388	2102.60	1250.77
5	GUIDE	990645552	9.37	11765	-0.052	-0.117	0.098	0.154	37.724628	-44.444938	454.12	987.68
6	GUIDE	990645944	7.90	11764	-0.246	0.024	0.059	0.098	37.210371	-44.115409	2225.93	834.66
7	GUIDE	990646344	9.90	11750	0.254	-0.061	0.117	0.189	38.142512	-44.810948	-1190.56	1408.22

2.4 Star Slots

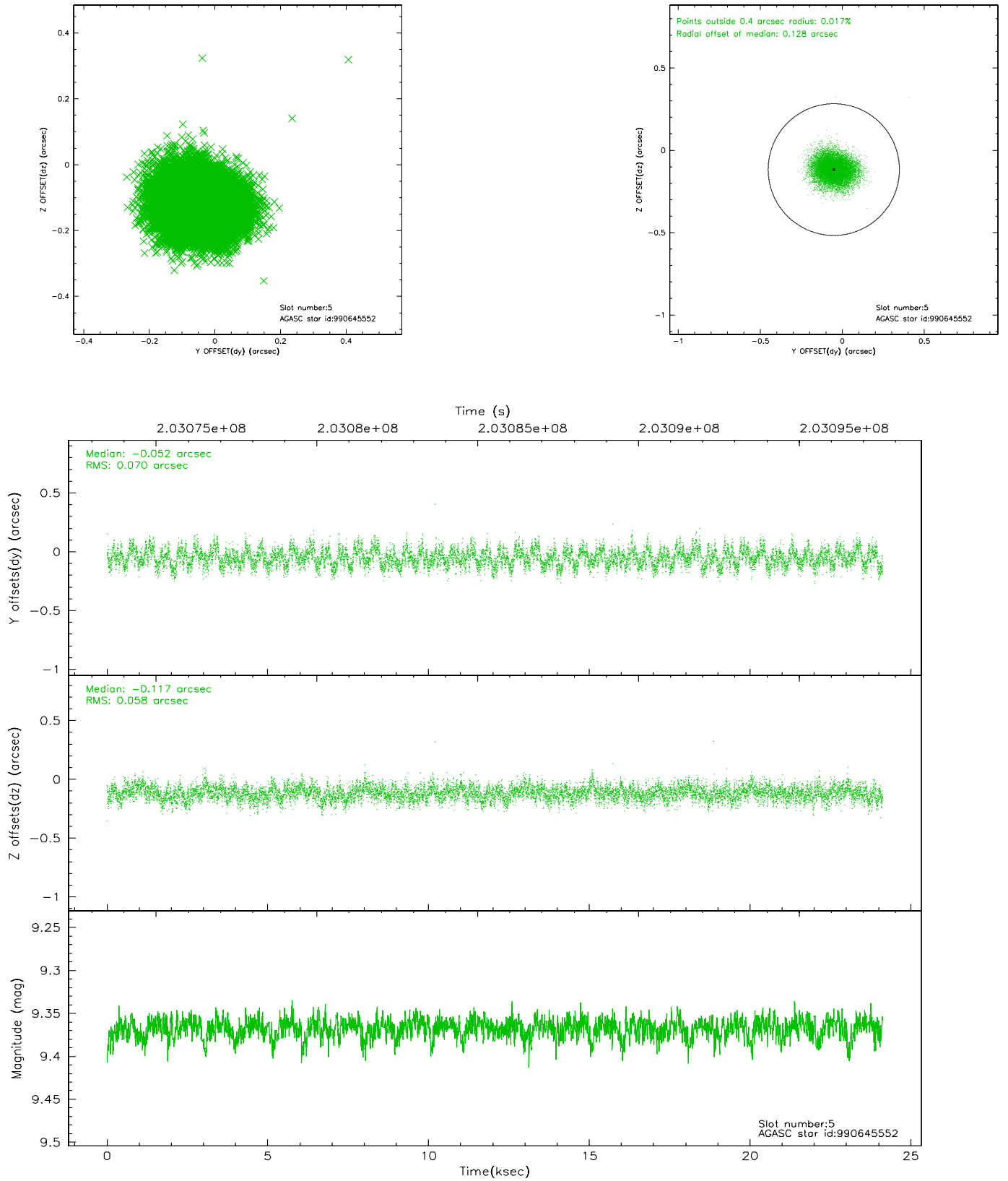
2.4.1 Slot 3



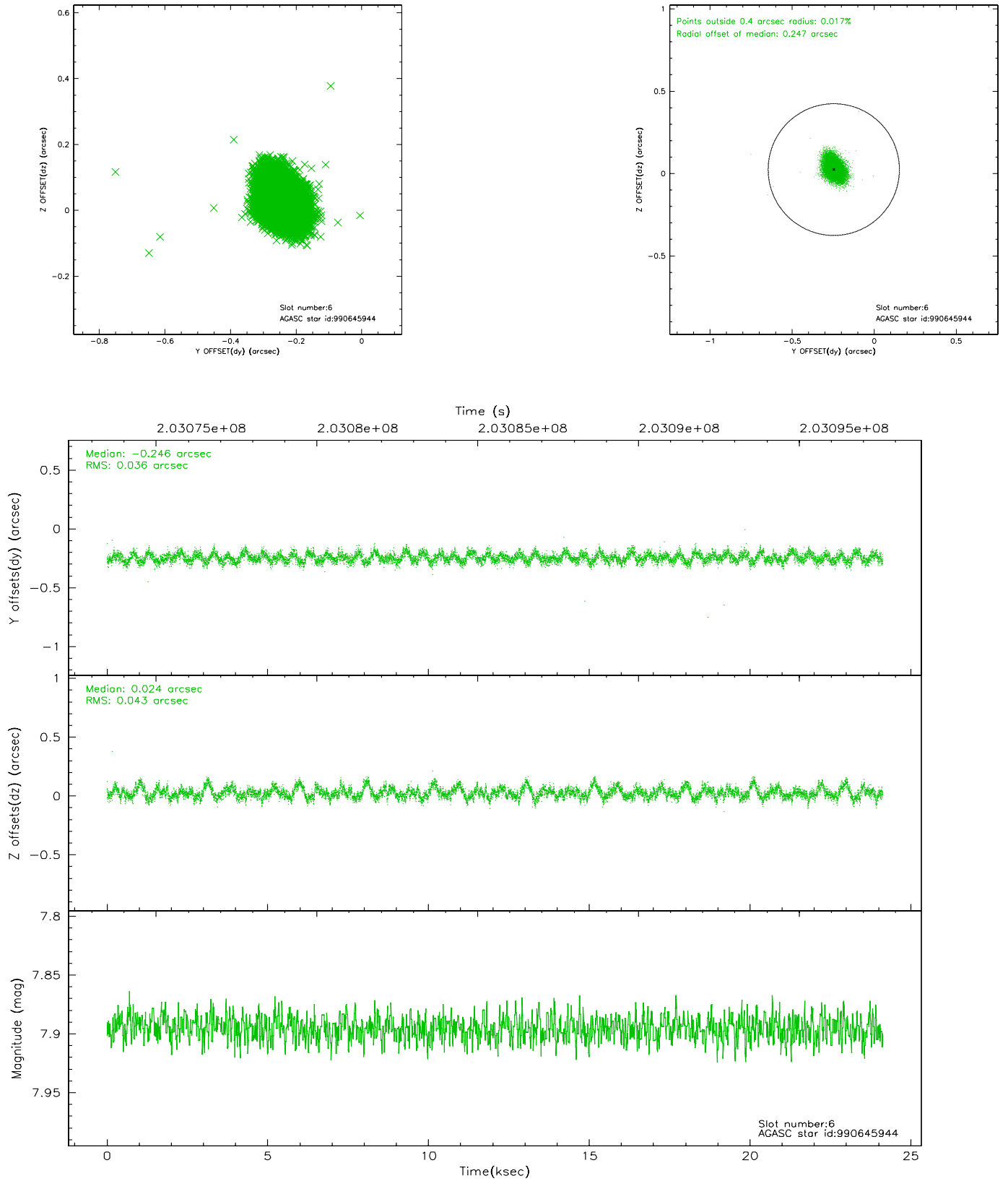
2.4.2 Slot 4



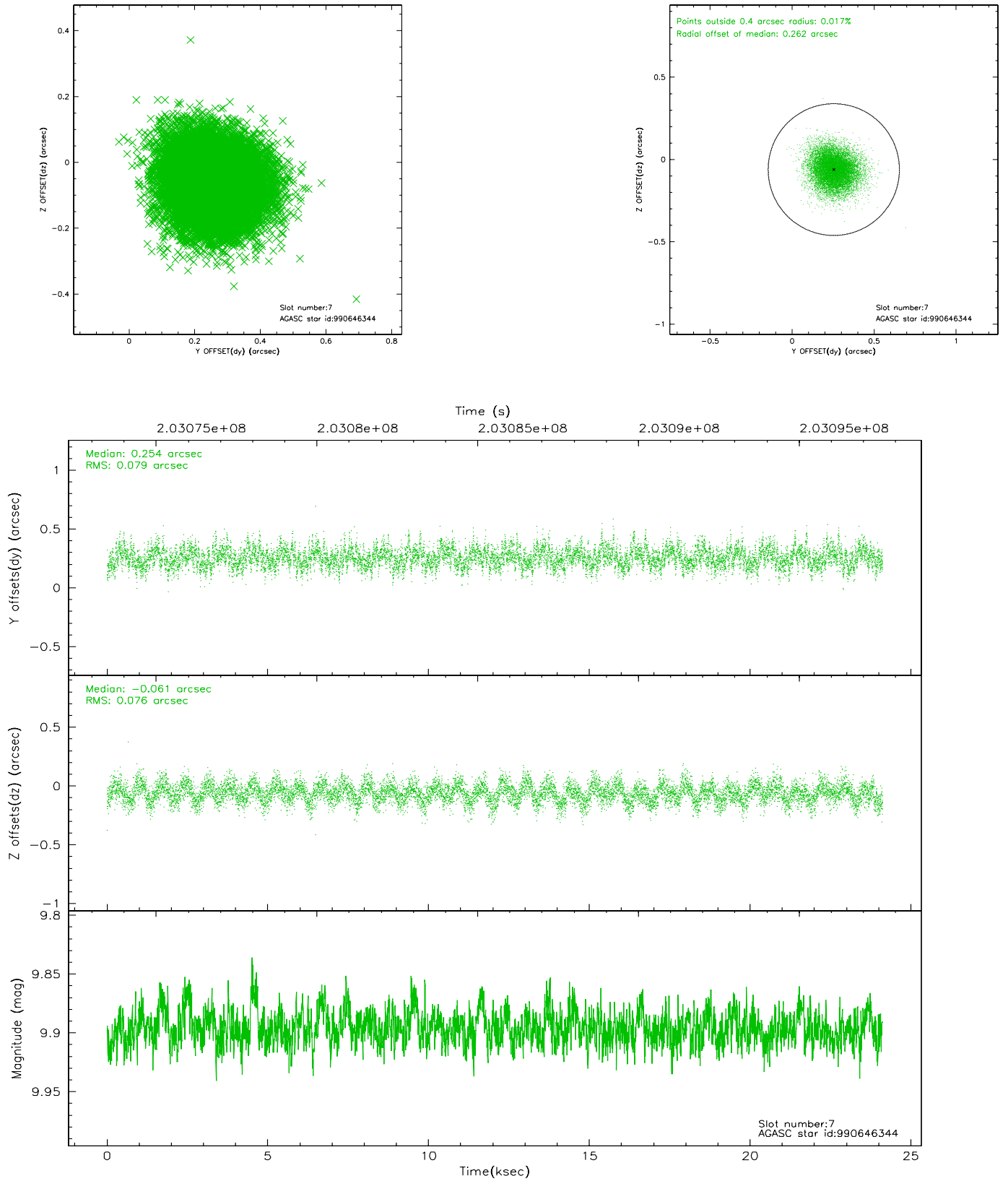
2.4.3 Slot 5



2.4.4 Slot 6

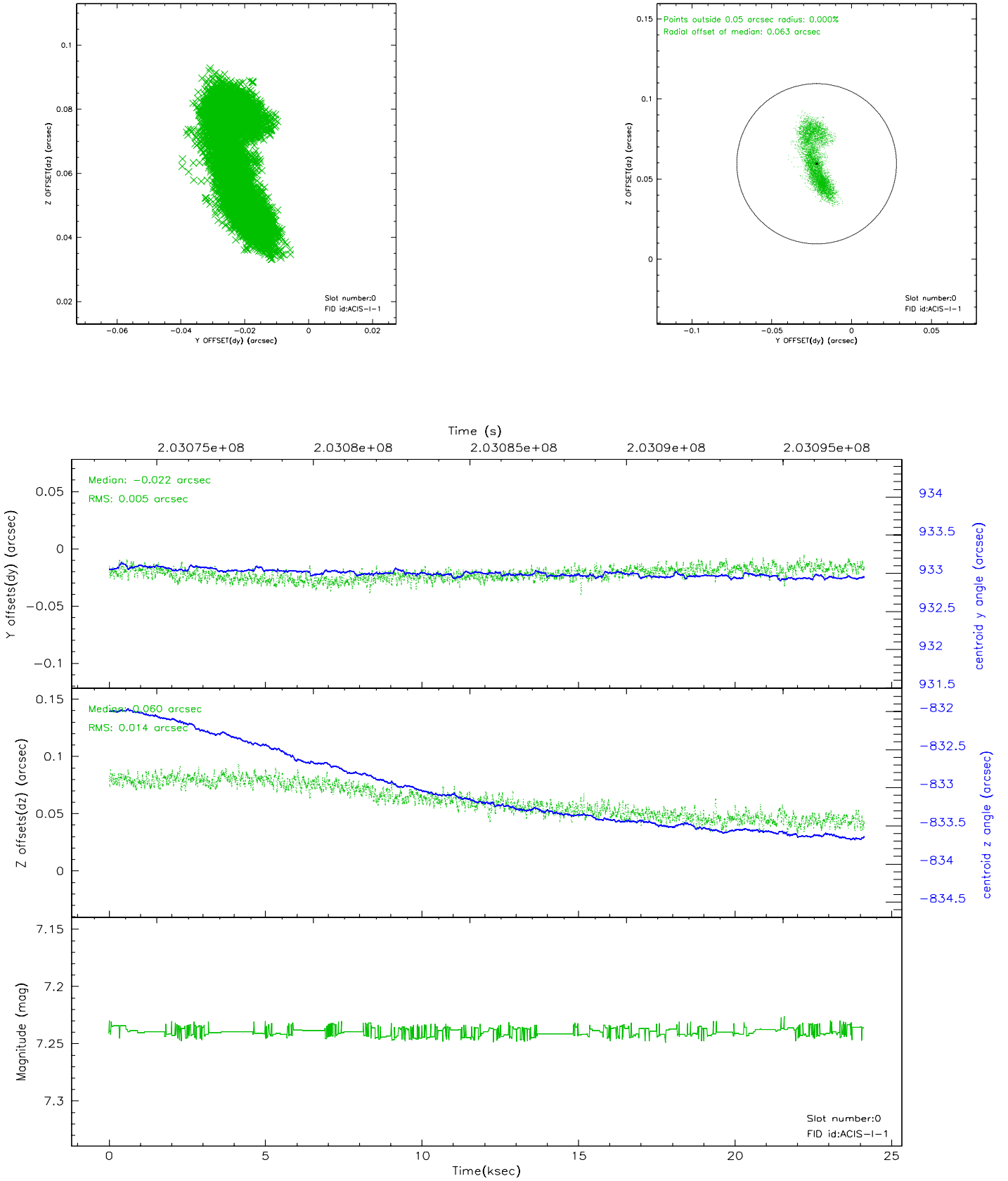


2.4.5 Slot 7

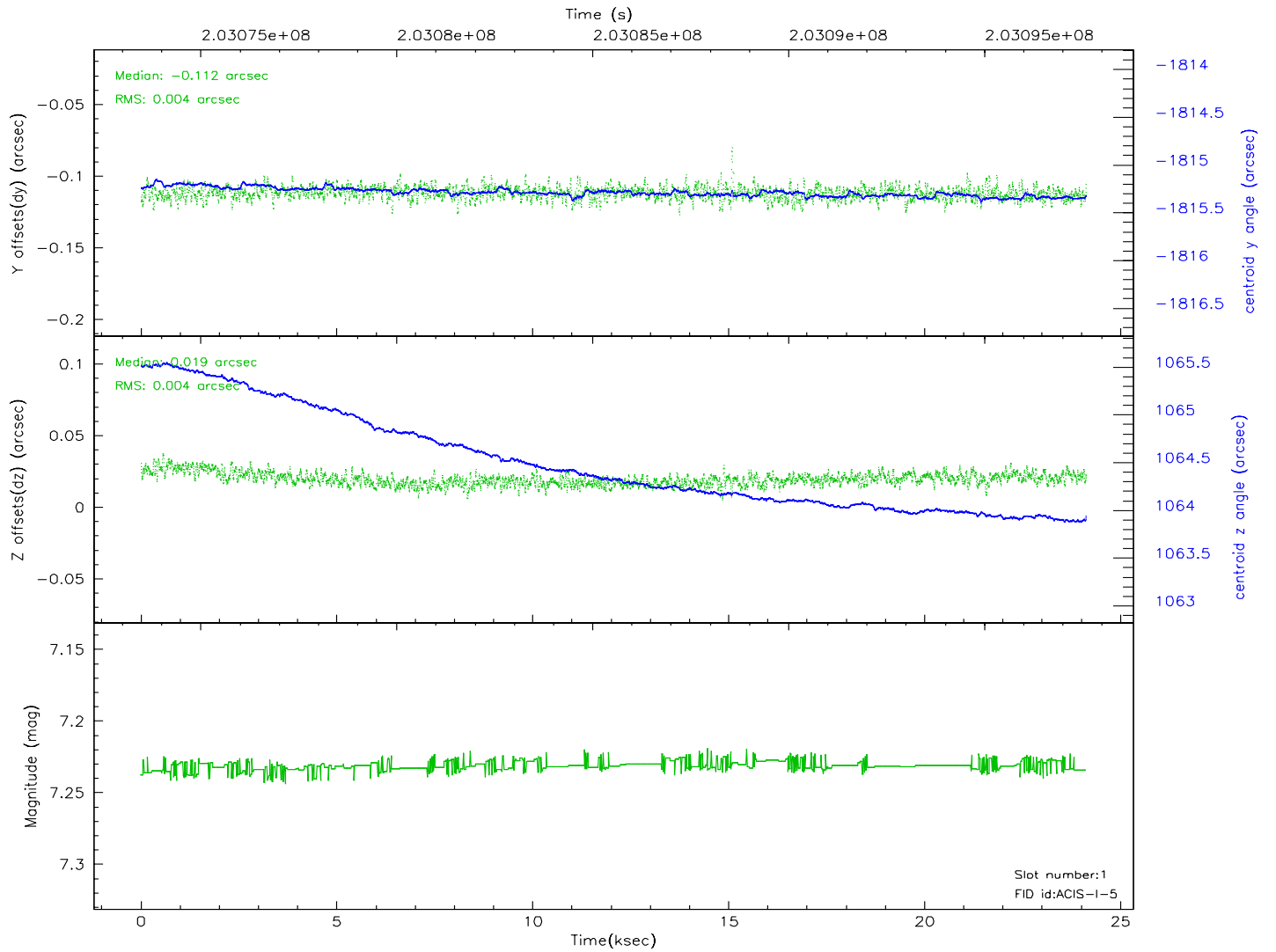
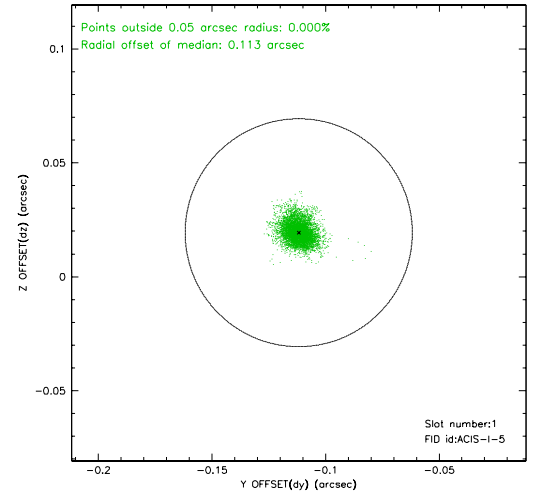
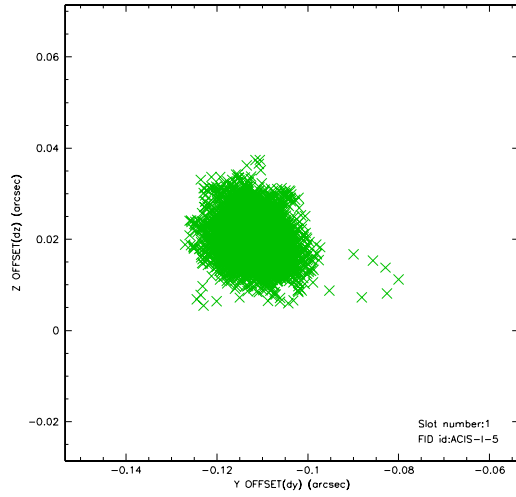


2.5 FID Slots

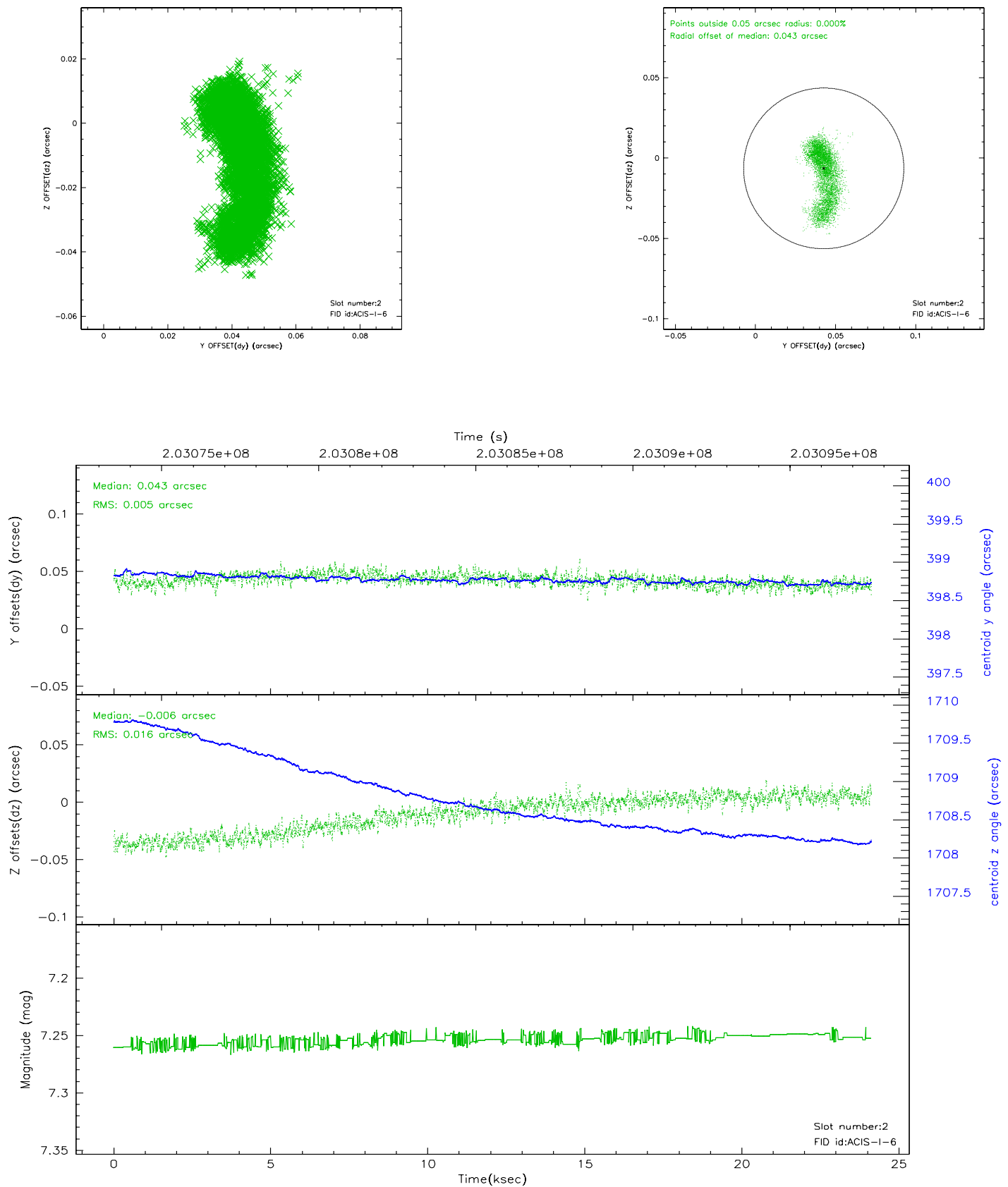
2.5.1 Slot 0



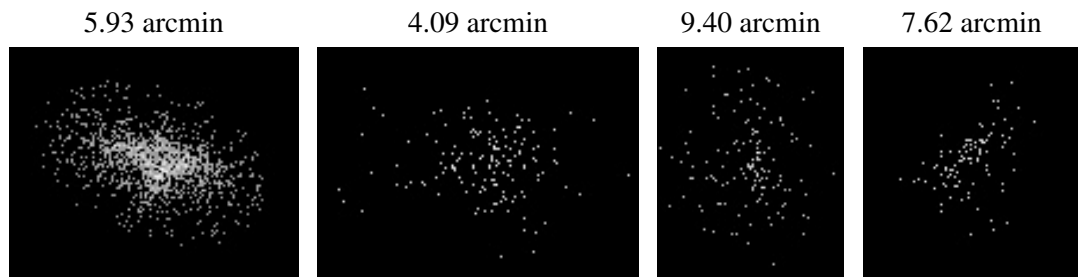
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.05.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	23.711

A.2 Comments