

V&V Reference Report

L2 ASCDS Version : 7.6.7

Observation 5785 - L2 Version 002
Chandra X-Ray Center

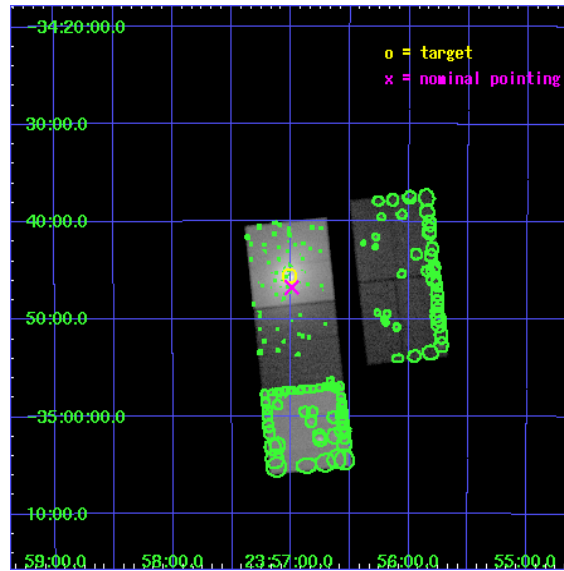
L2 Processing Date: Feb 19 2006

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1 Front

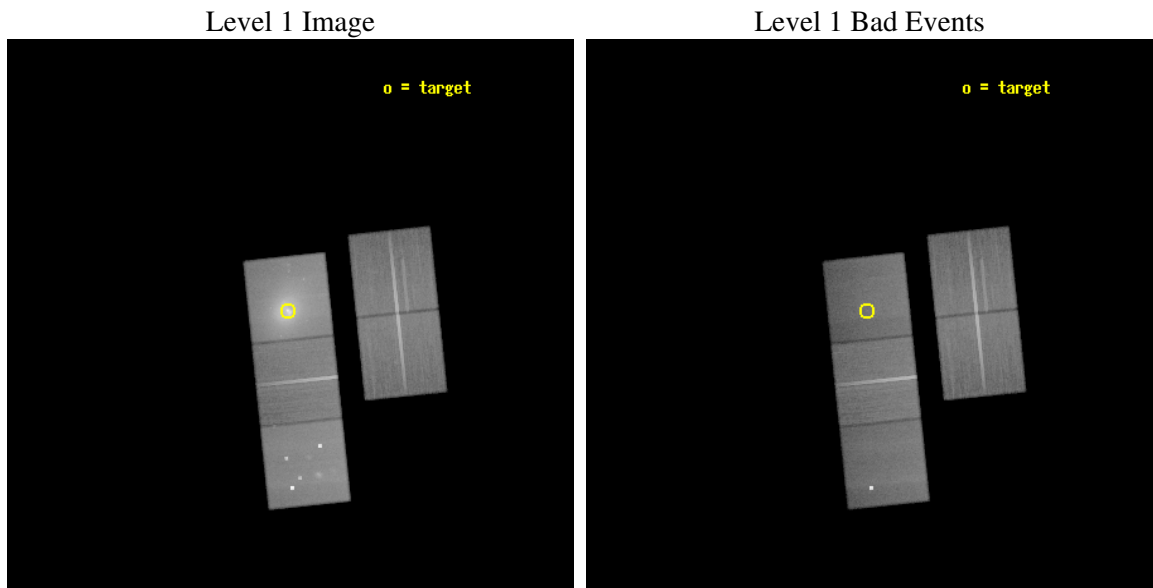
seq_num	800498
obs_id	5785
title	The Complex Radio-Galaxy/ICM interaction in A4059
observer	Prof. Christopher Reynolds
object	ABELL 4059
dtcycle	0
cycle	P
ra_targ	359.252917
dec_targ	-34.759167
ra_nom	359.24819942164
dec_nom	-34.779542249996
roll_nom	263.99858836026
revision	2
ontime	93340.794889629
livetime	92121.228687902
ontime2	93325.090038419
ontime3	93315.66705808
ontime5	93337.653969198
ontime6	93334.512949109
ontime7	93340.794889629
l2events	1251006



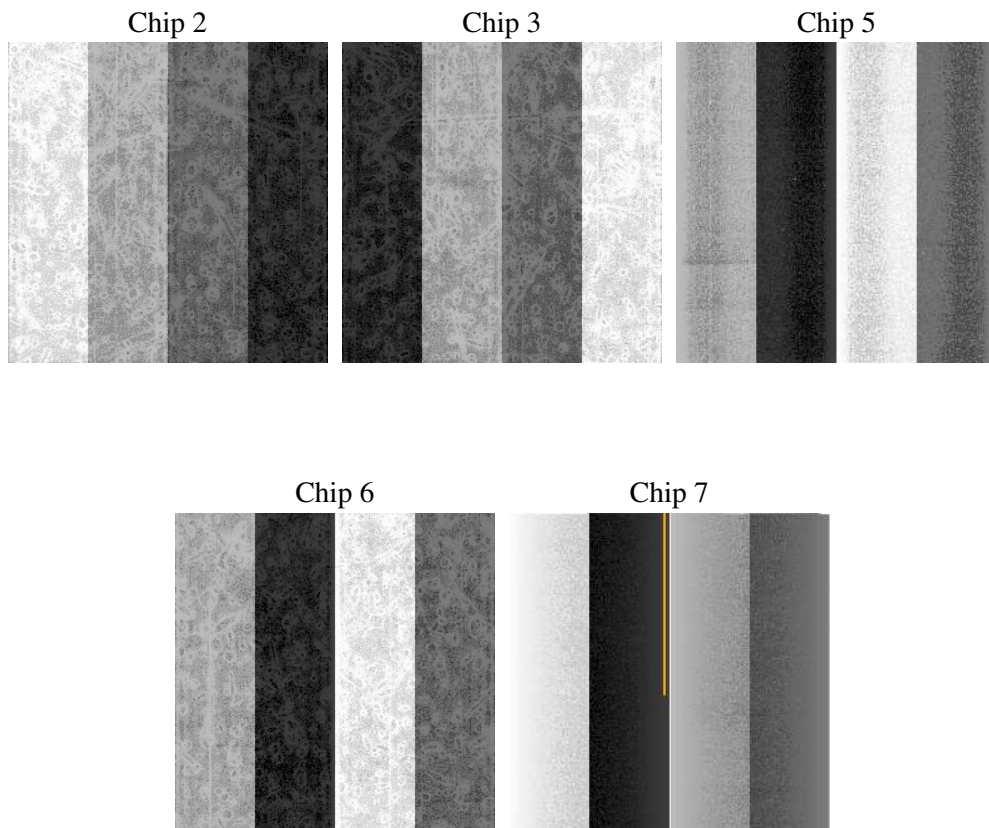
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7
caldbver	3.2.1
date	2006-02-19T21:44:49
revision	2

sched_exp_time	93174.771000
ontime	93598.697490185
ontime2	93582.992638975
ontime3	93573.569658637
ontime5	93595.556569755
ontime6	93592.415549666
ontime7	93598.697490185
l1events	3645453

2.1.4 Events

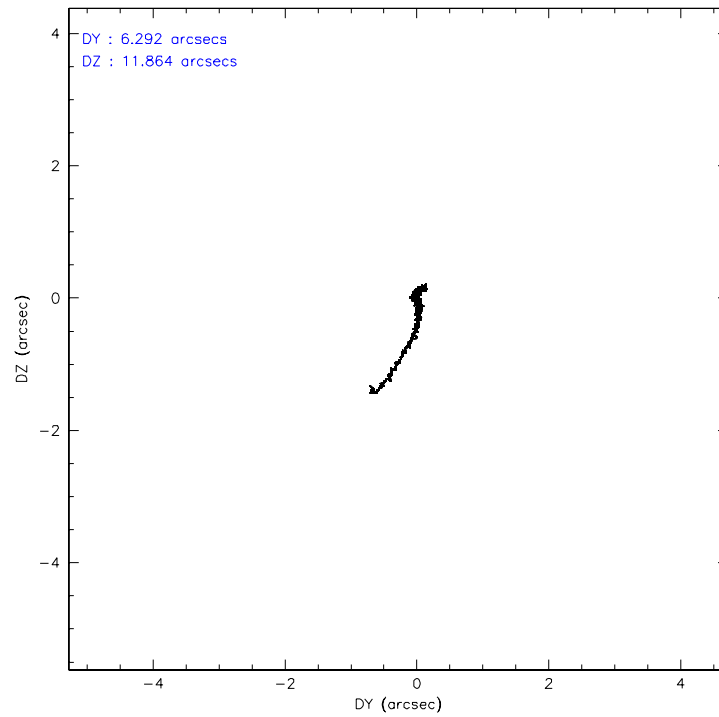
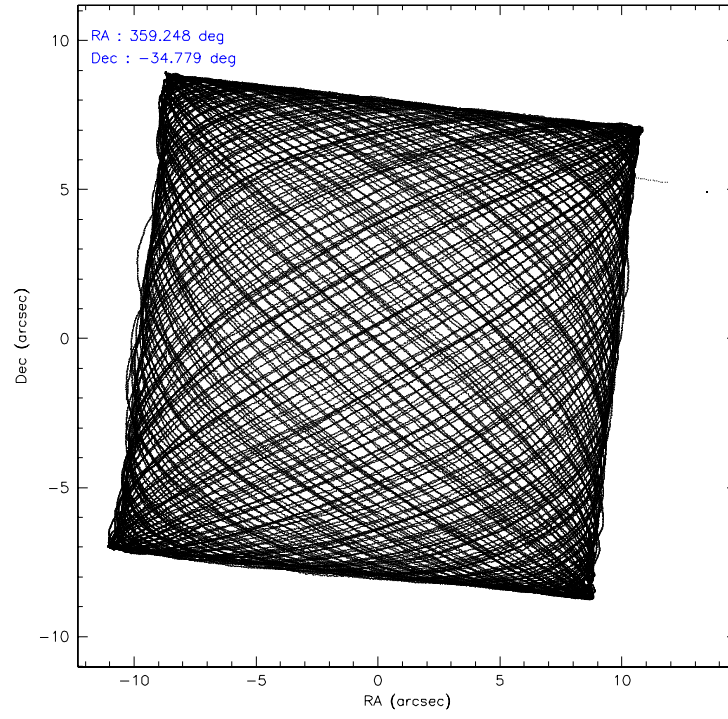
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7
level 1 events	567136	556952	817332	607168	1096865
rejected events	508654	497514	422452	511095	372583
rejected %	89%	89%	51%	84%	33%

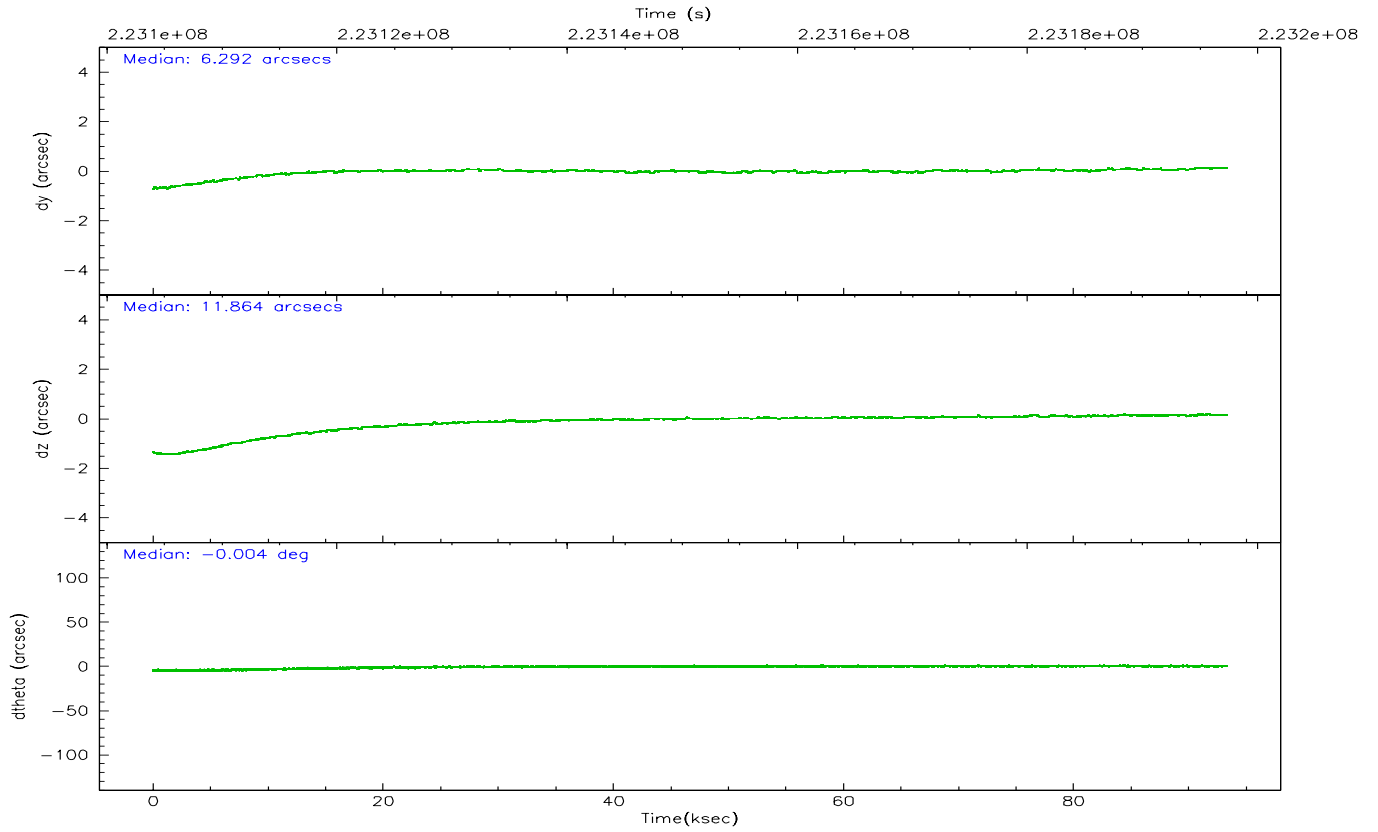
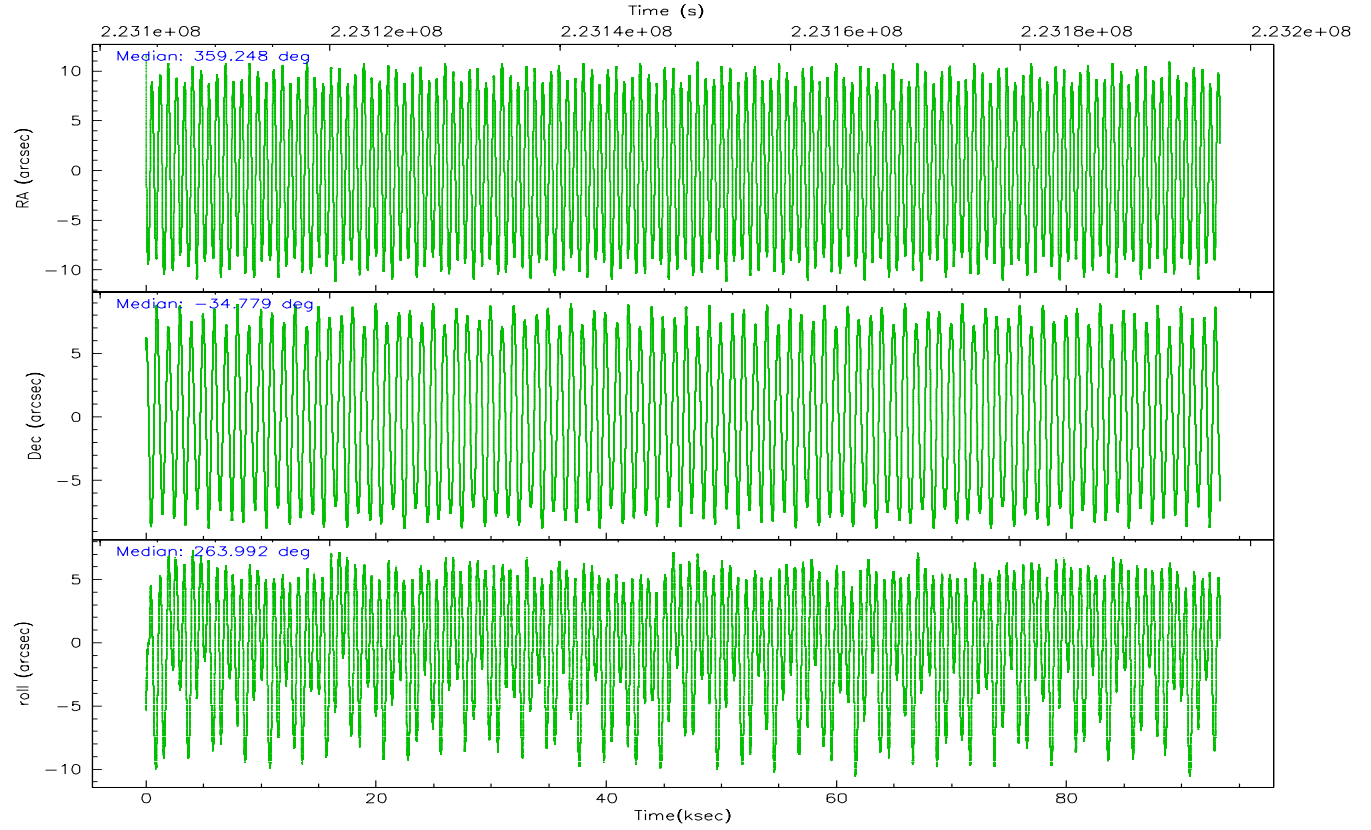
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7
grade 0 events	23116	24562	47374	51413	151271
	4%	4%	5%	8%	13%
grade 1 events	304	344	257	319	428
	0%	0%	0%	0%	0%
grade 2 events	12858	11837	121337	16321	195621
	2%	2%	14%	2%	17%
grade 3 events	6192	6304	10033	7736	65143
	1%	1%	1%	1%	5%
grade 4 events	6295	6136	9319	7567	63672
	1%	1%	1%	1%	5%
grade 5 events	18342	21780	50452	22409	49803
	3%	3%	6%	3%	4%
grade 6 events	10216	10812	207956	13255	249903
	1%	1%	25%	2%	22%
grade 7 events	489813	475177	370604	488148	321024
	86%	85%	45%	80%	29%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-23567	ACIS-23567	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	359.234305	359.2481994216424	Alternating exposures requested	N	N
Pointing Dec	-34.754835	-34.77954224999626	Primary exposure time	0.000000	3.1
Pointing Roll	263.834040	263.9985883602598			
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	223104181.184000	223103047.17273			
Observation start date	2005-01-26T05:21:57	2005-01-26T05:04:07			
Observation end time	223197356.184000	223197577.2895			
Observation end date	2005-01-27T07:14:52	2005-01-27T07:19:37			
Read mode	TIMED	TIMED			

2.3 Aspect



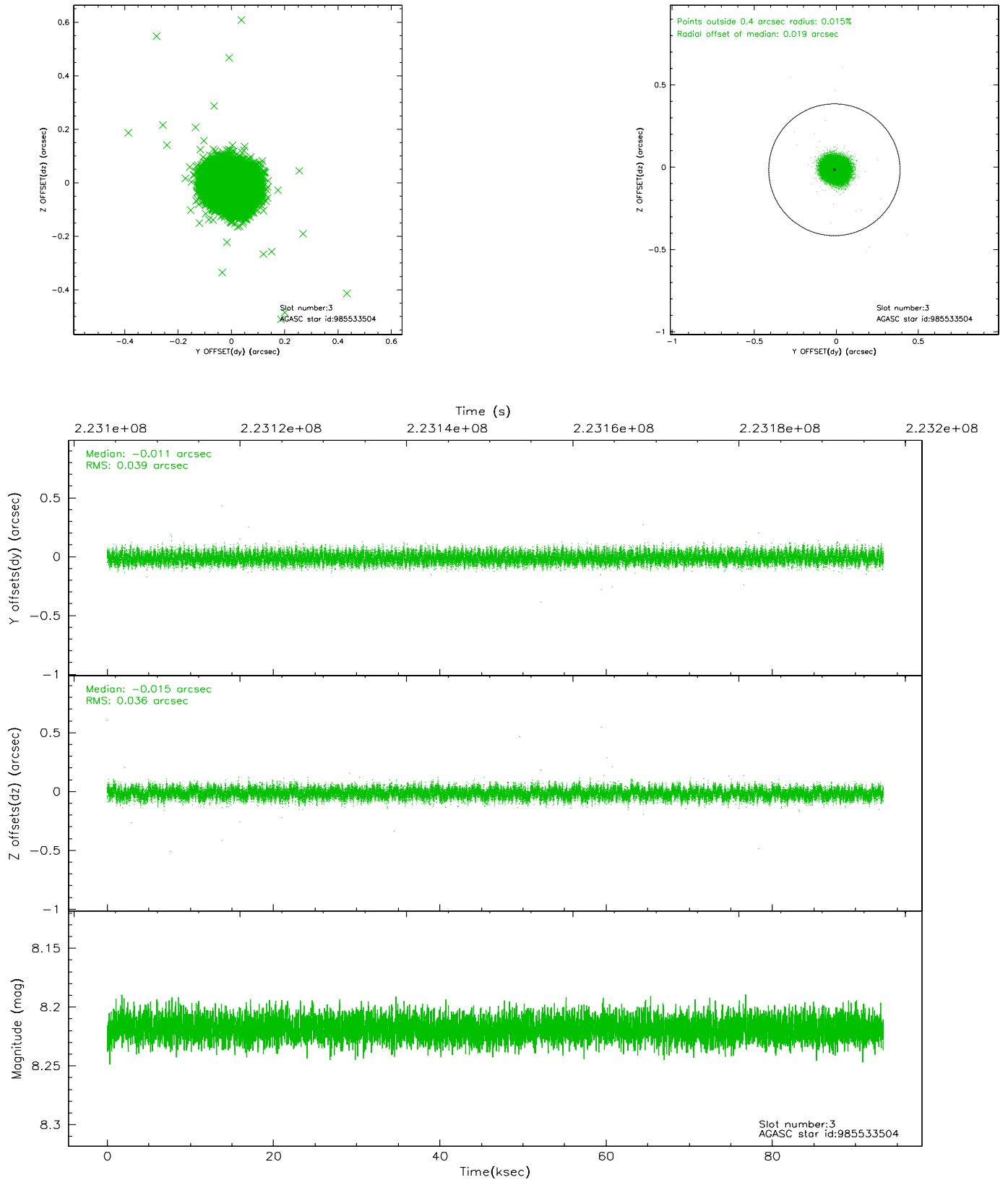


Slot Statistics

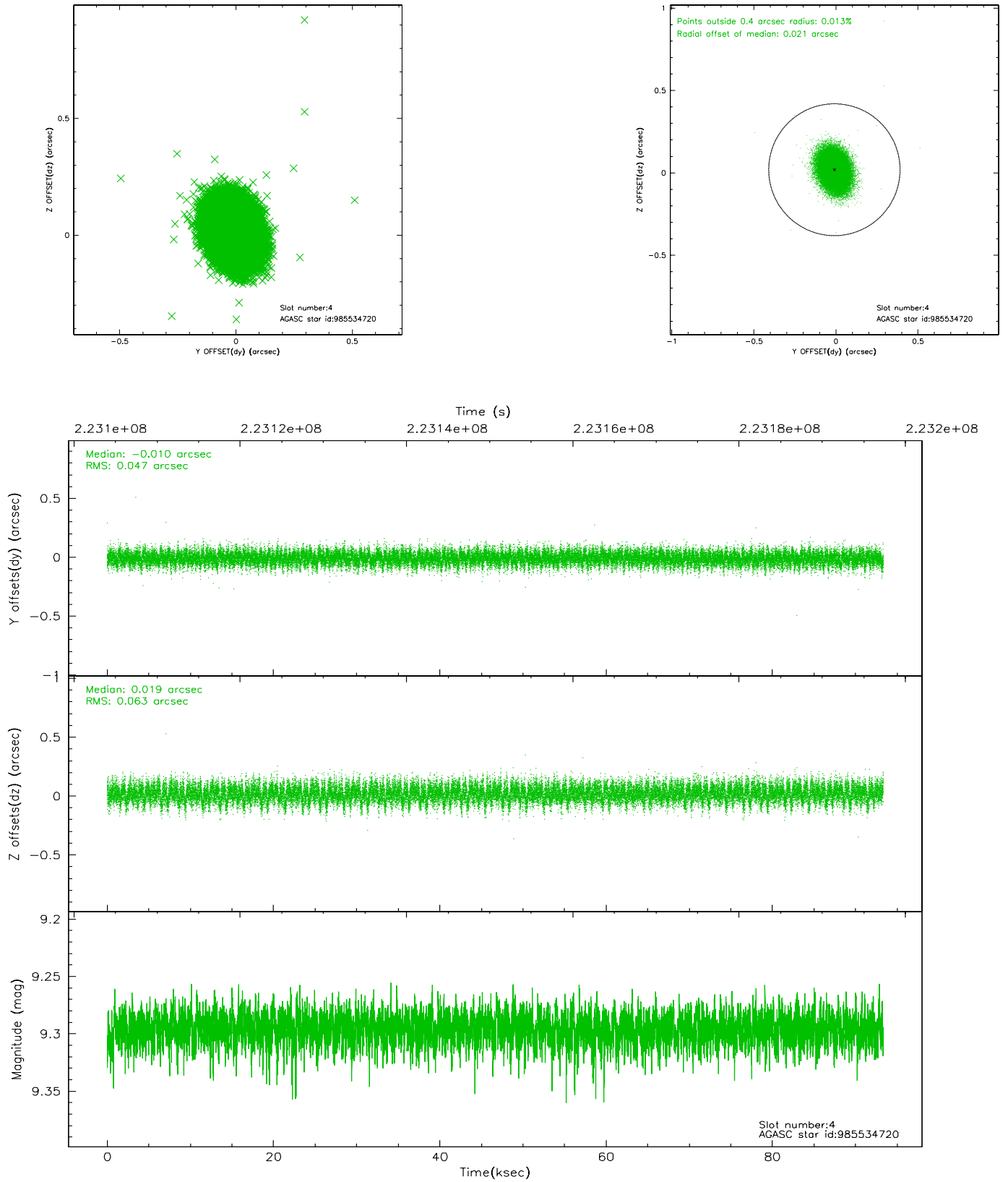
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.18	22763	0.002	-0.062	0.010	0.044	0.000000	0.000000	937.01	-1728.70
1	FID	ACIS-S-4	7.20	22762	0.014	0.047	0.009	0.029	0.000000	0.000000	2154.42	175.63
2	FID	ACIS-S-5	7.23	22765	-0.043	0.029	0.007	0.025	0.000000	0.000000	-1811.97	169.18
3	GUIDE	985533504	8.22	45520	-0.011	-0.015	0.056	0.090	359.621834	-34.285981	-1799.43	965.01
4	GUIDE	985534720	9.30	45506	-0.010	0.019	0.083	0.137	358.560006	-34.718570	91.58	-1996.69
5	GUIDE	985536296	9.47	45421	-0.003	-0.007	0.101	0.166	358.653610	-34.417416	-1017.03	-1844.33
6	GUIDE	985538688	8.98	45514	-0.109	-0.048	0.117	0.181	359.925547	-34.998115	658.76	2122.06
7	GUIDE	985539832	9.38	45497	0.131	0.053	0.117	0.190	359.652112	-34.298072	-1765.51	1059.25

2.4 Star Slots

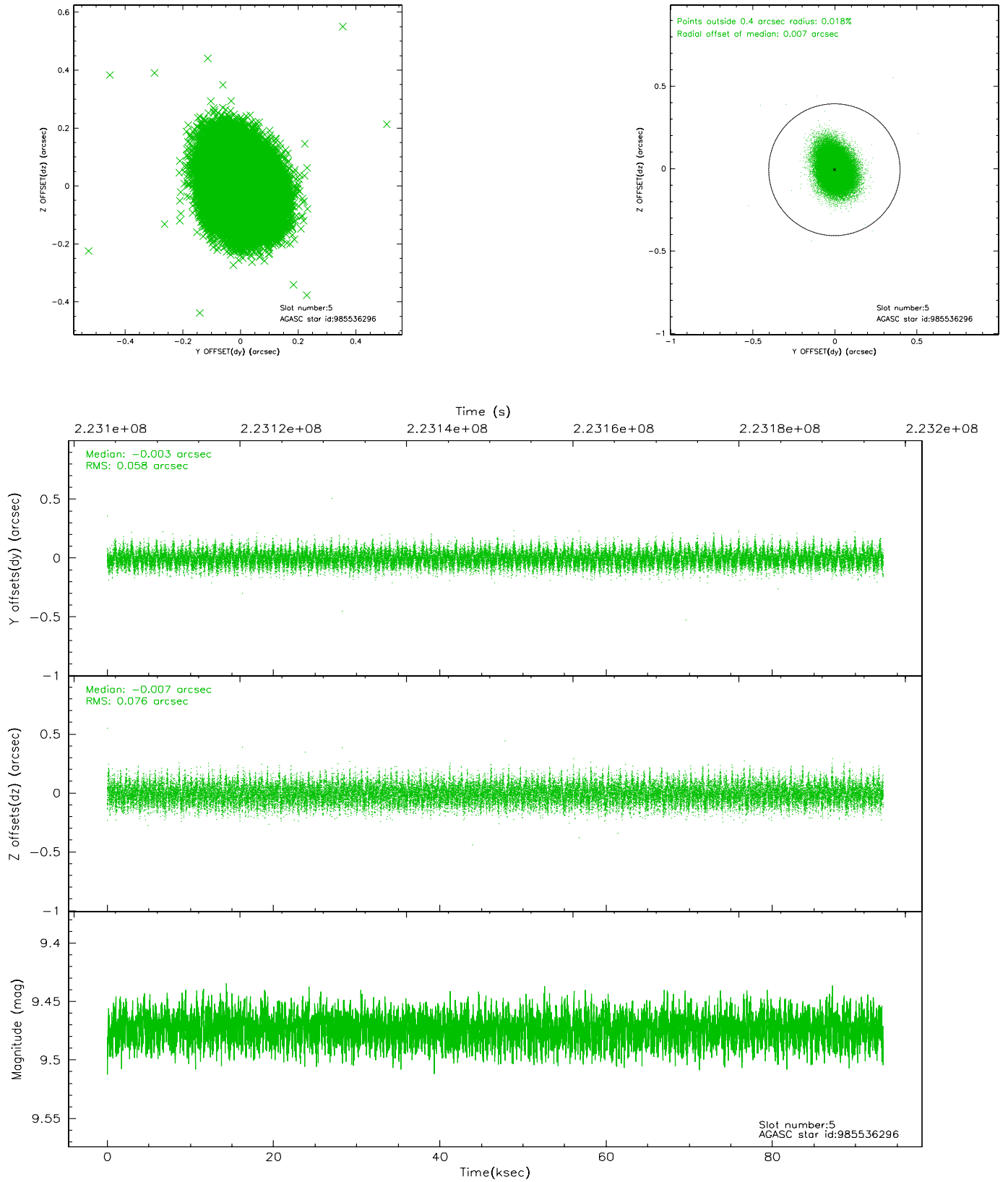
2.4.1 Slot 3



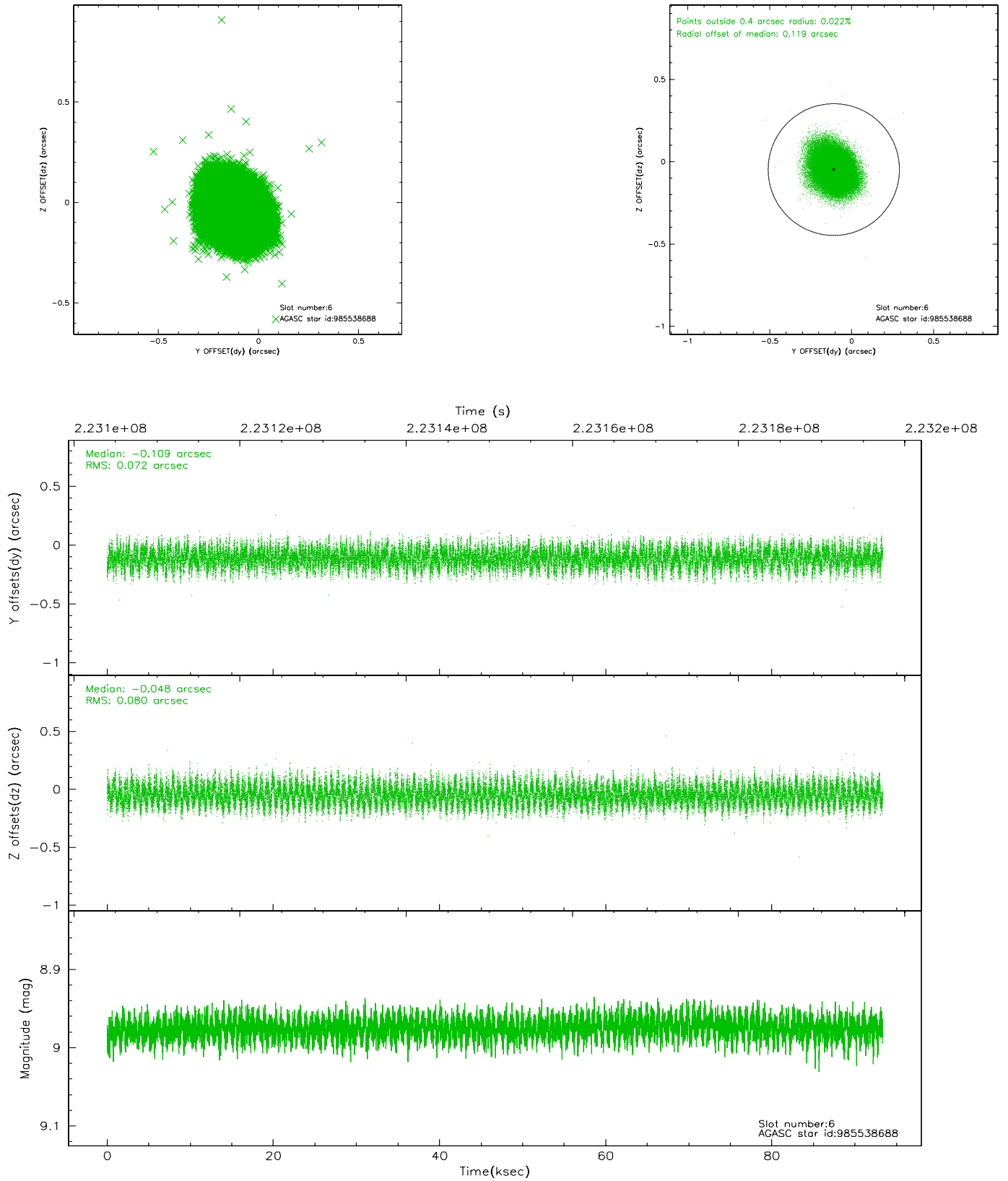
2.4.2 Slot 4



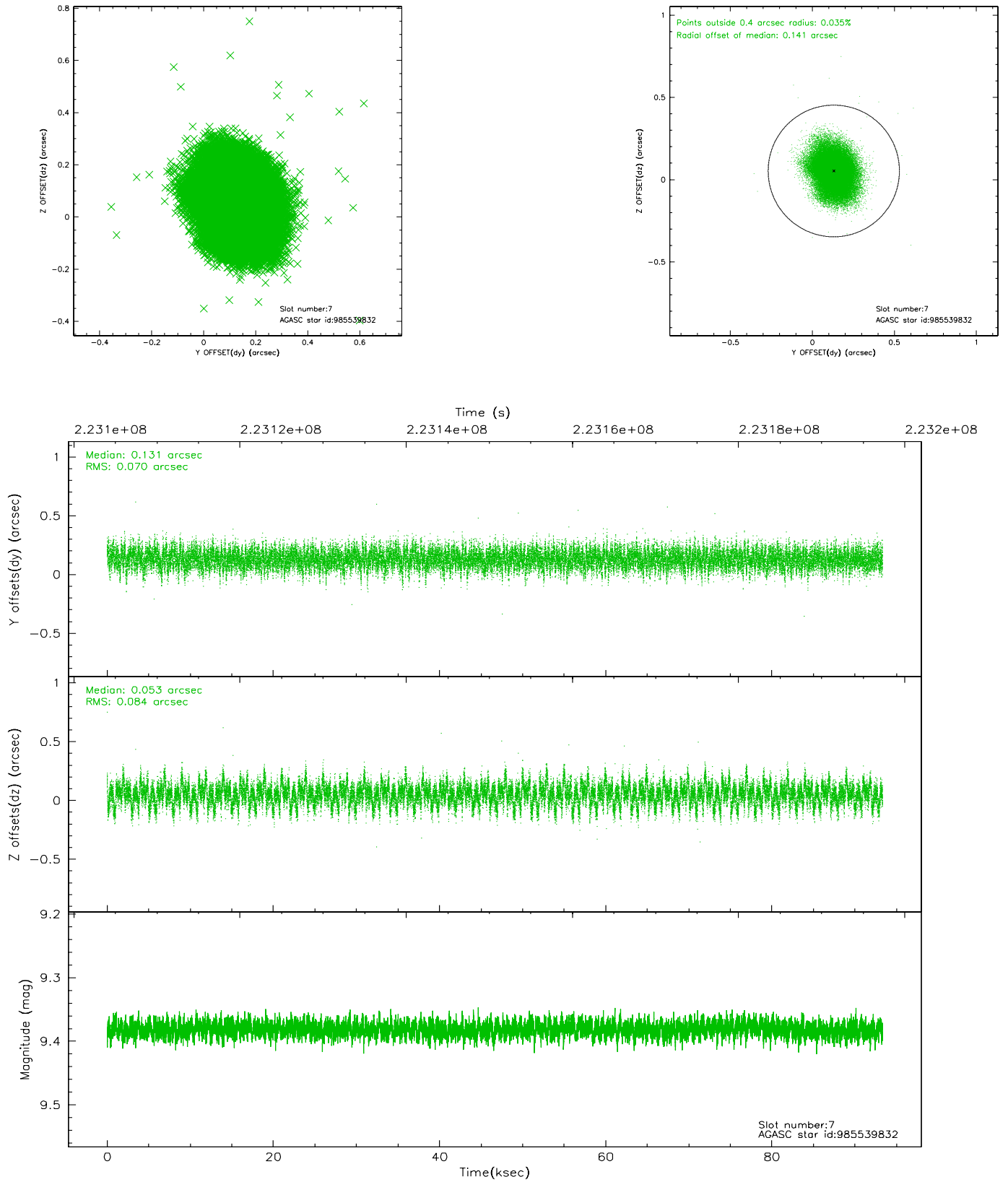
2.4.3 Slot 5



2.4.4 Slot 6

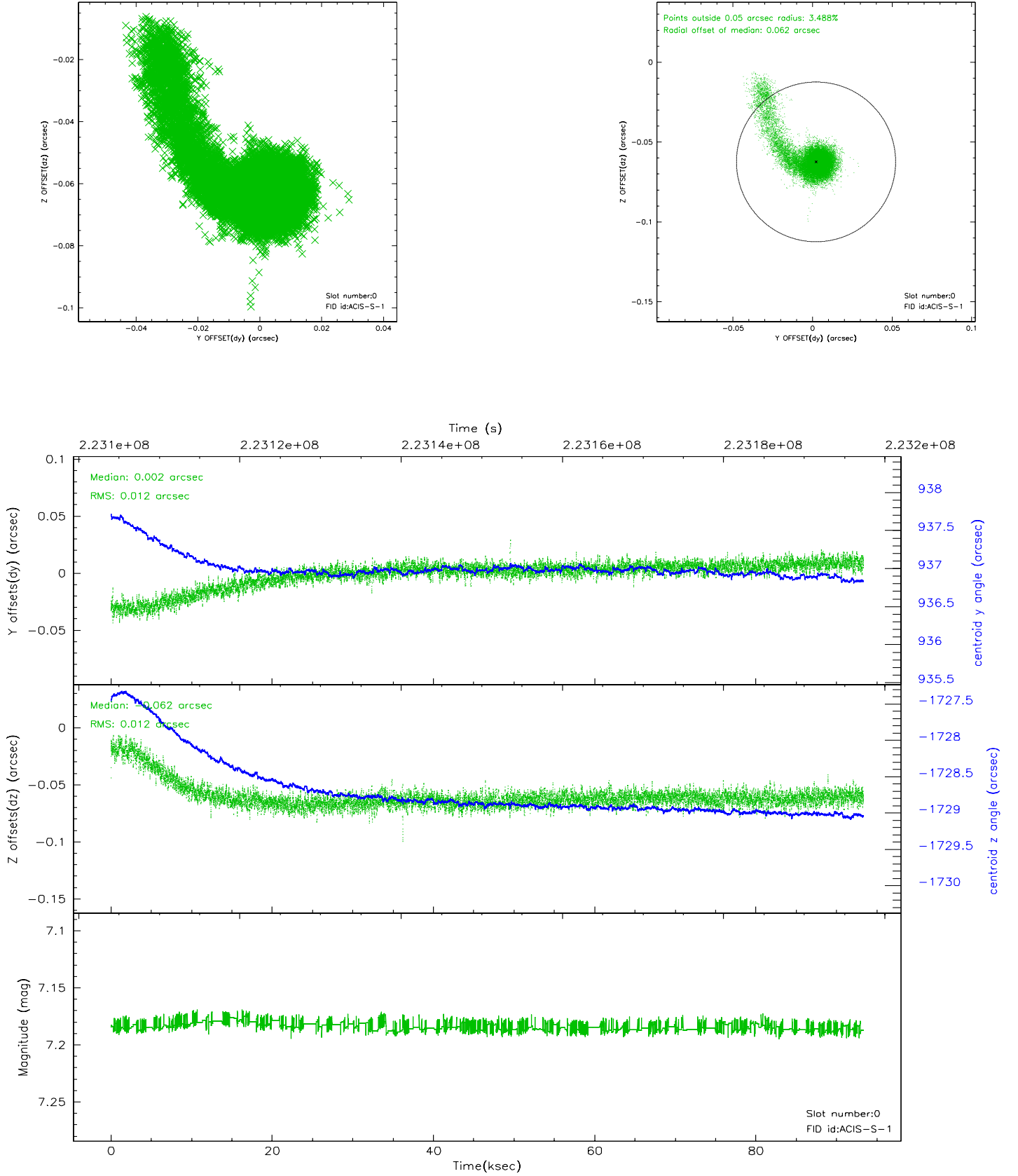


2.4.5 Slot 7

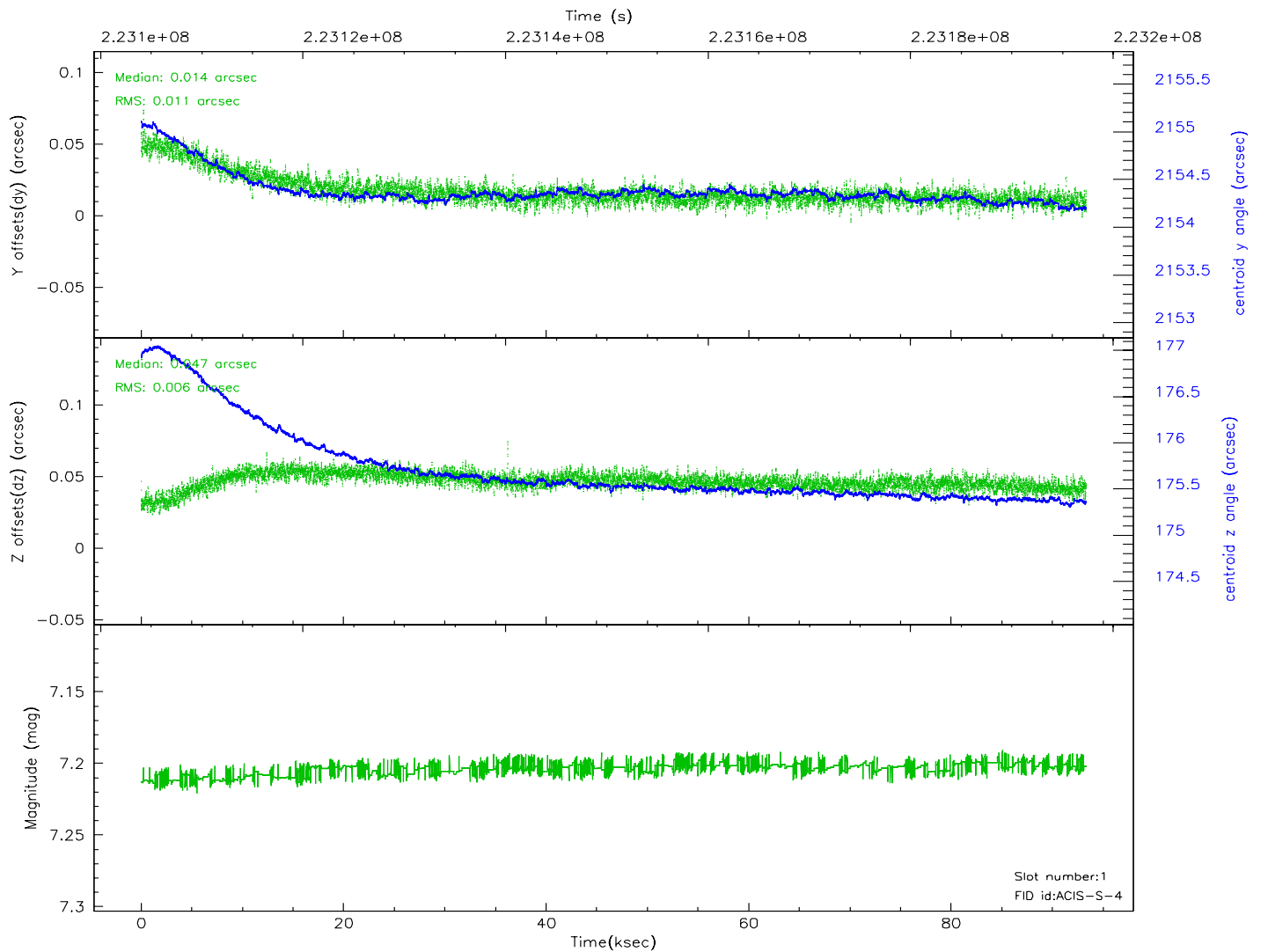
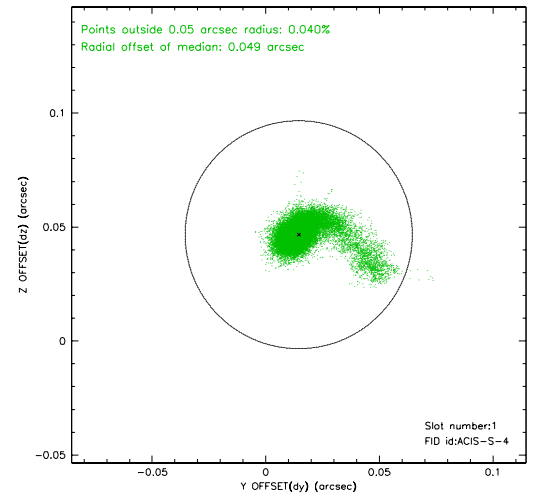
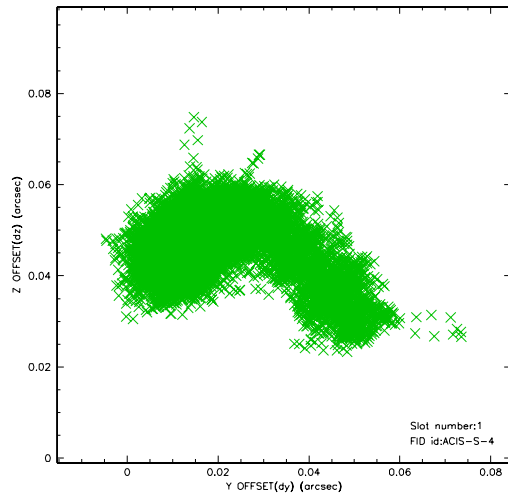


2.5 FID Slots

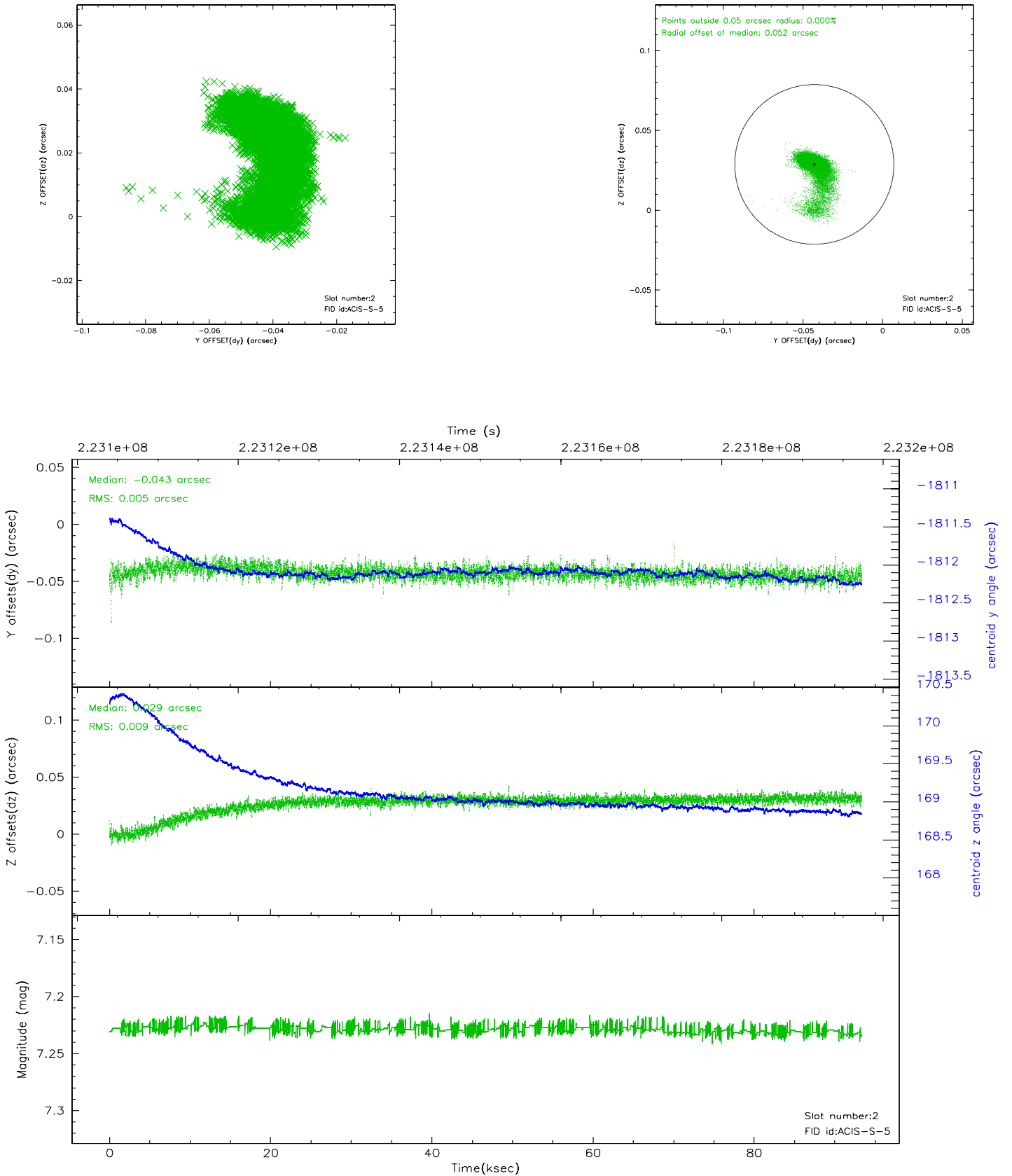
2.5.1 Slot 0



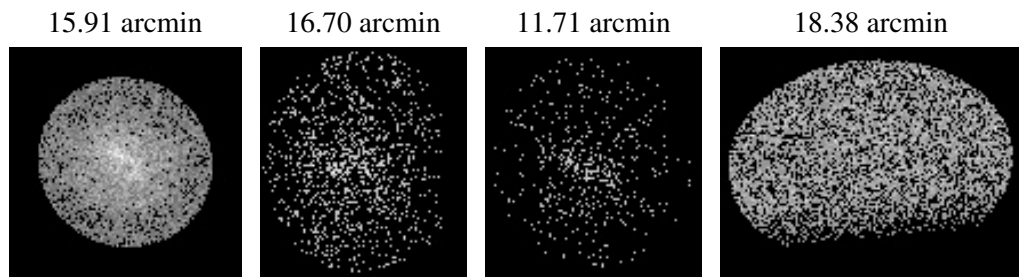
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.02.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	93.34079

A.2 Comments