

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 3988 - L2 Version 001
Chandra X-Ray Center

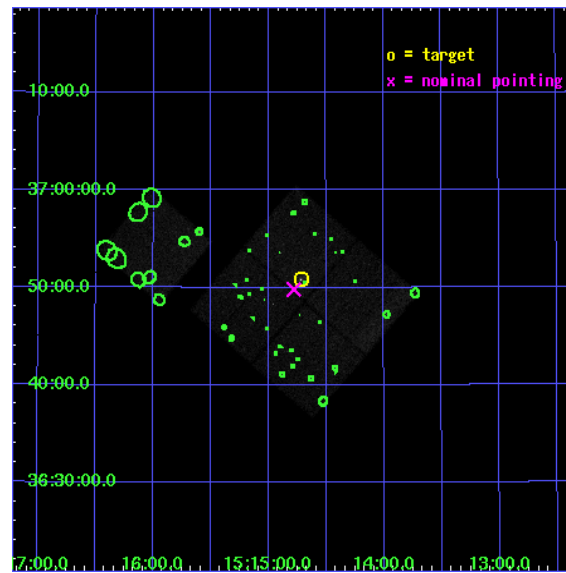
L2 Processing Date : Jul 1 2006

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1 Front

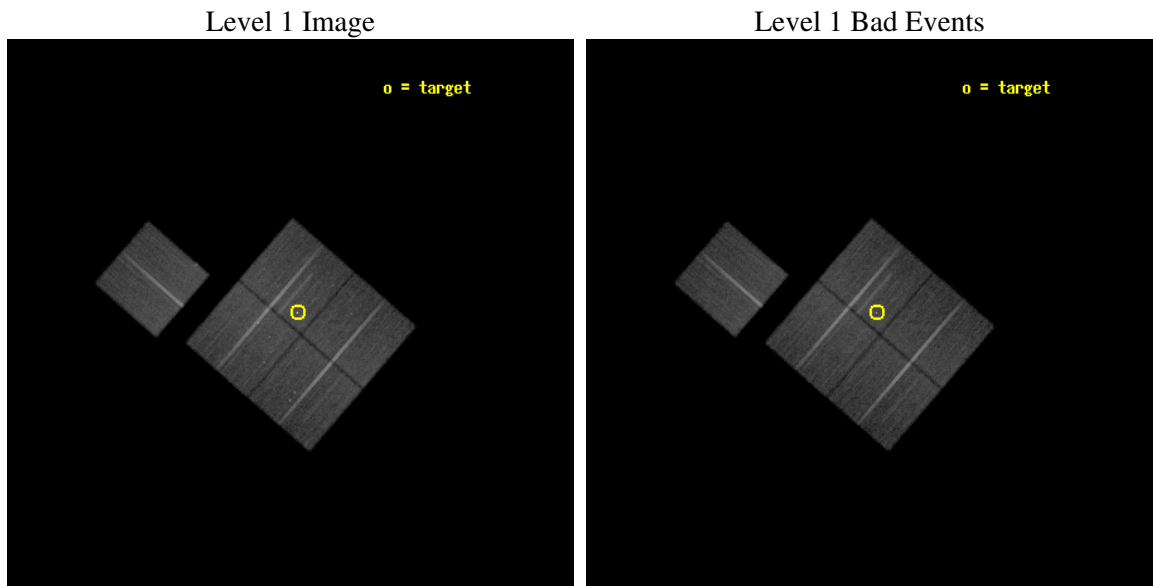
seq_num	700667
obs_id	3988
title	DO QSO EXTENDED EMISSION REGIONS RESULT FROM COOLING FLOWS?
observer	Dr Alan Stockton
object	4C 37.43 FIELD
dtcycle	0
cycle	P
ra_targ	228.679583
dec_targ	36.847361
ra_nom	228.69495172234
dec_nom	36.830318359371
roll_nom	310.92201529912
revision	2
ontime	42169.29991892
livetime	41618.326970892
ontime0	42166.158928782
ontime1	42163.017958522
ontime2	42159.876998276
ontime3	42169.29991892
ontime6	42163.018088073
l2events	111221



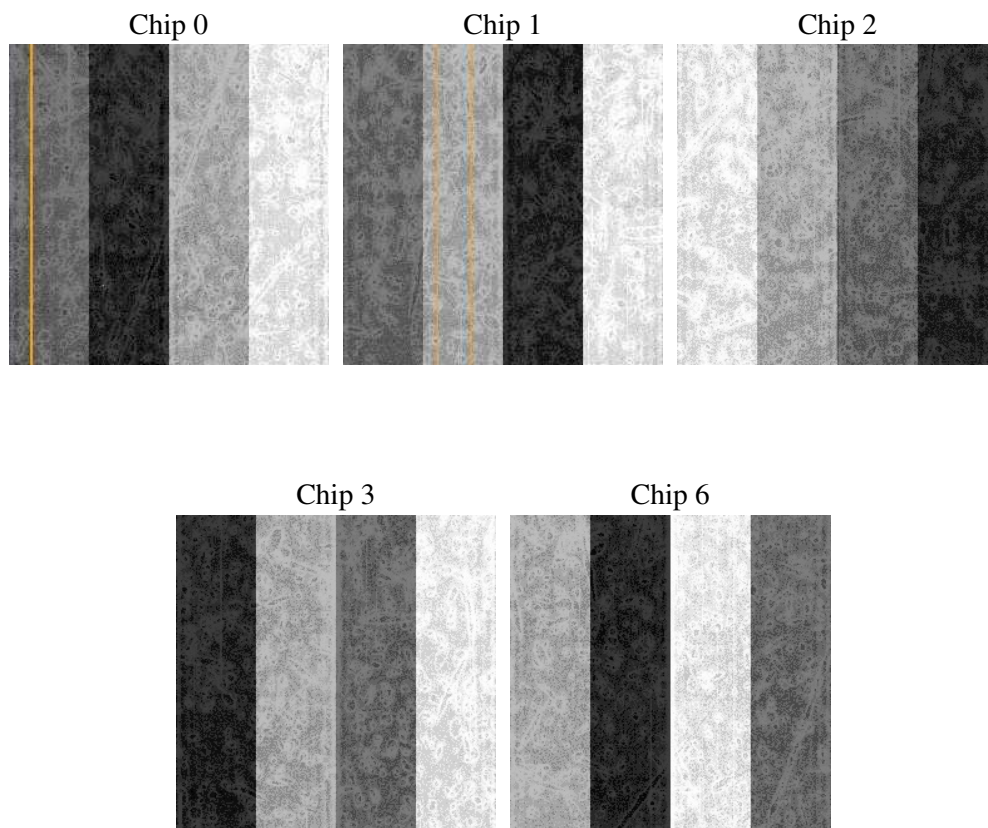
2 OBI

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	2006-07-01T17:59:48
revision	2

sched_exp_time	42000.000000
ontime	42579.408139378
ontime0	42576.26714924
ontime1	42573.12617898
ontime2	42569.985198796
ontime3	42579.408139378
ontime6	42573.126308531
l1events	1199505

2.1.4 Events

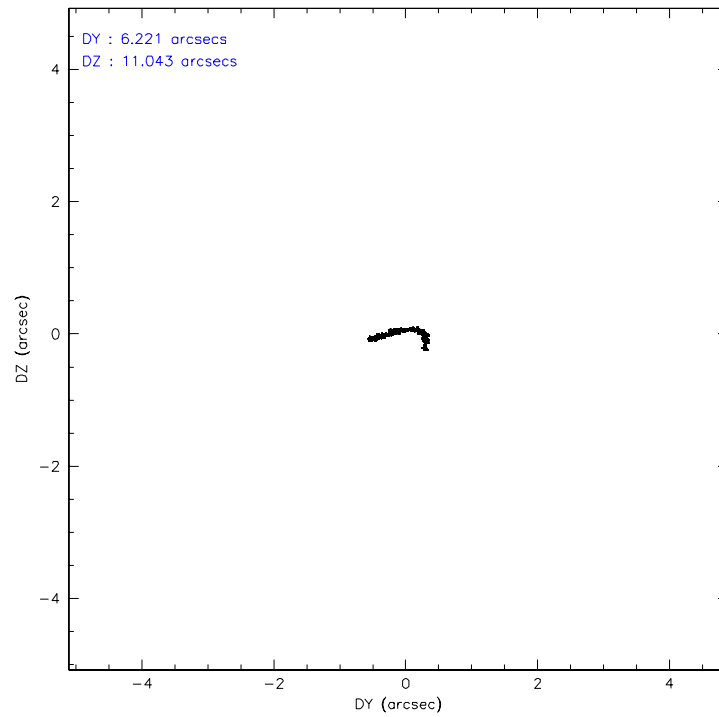
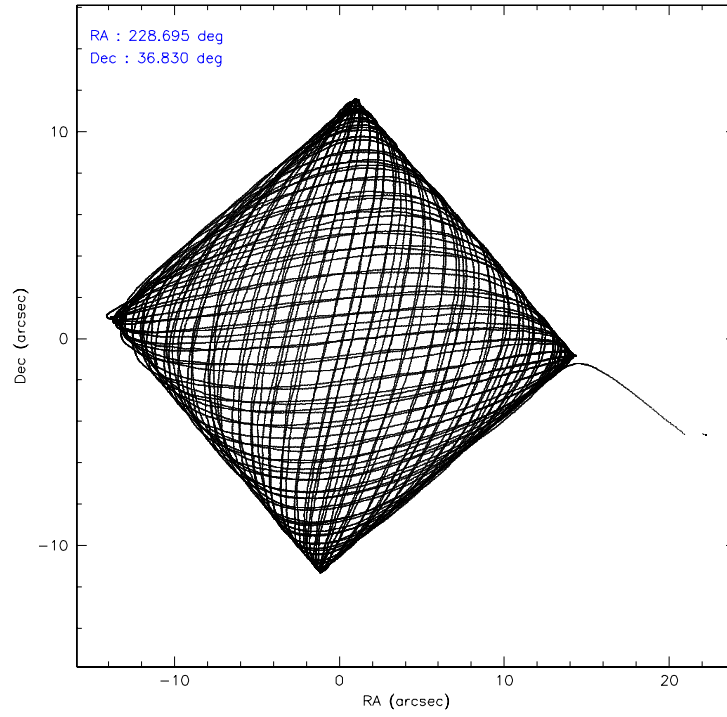
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	222118	225979	252243	254829	244336
rejected events	197472	199588	227505	223012	219355
rejected %	88%	88%	90%	87%	89%

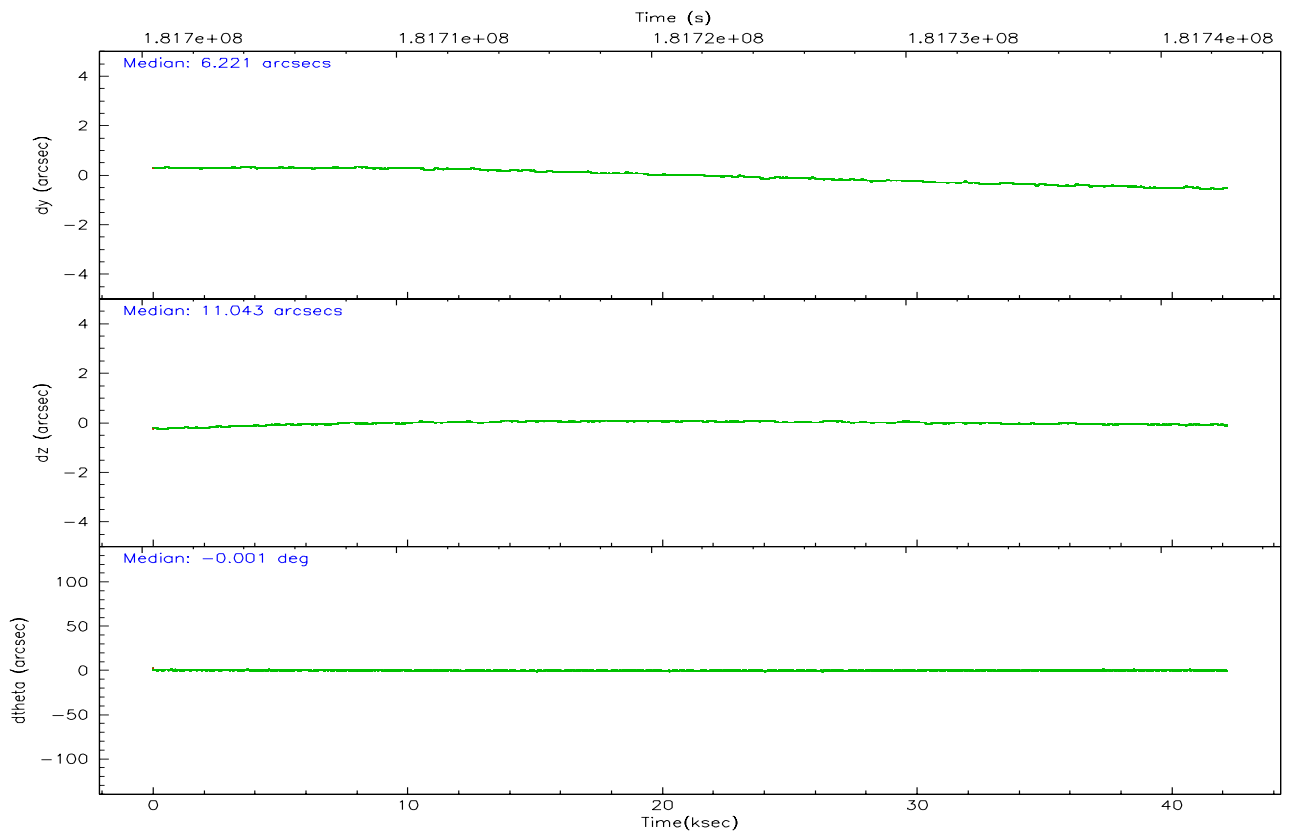
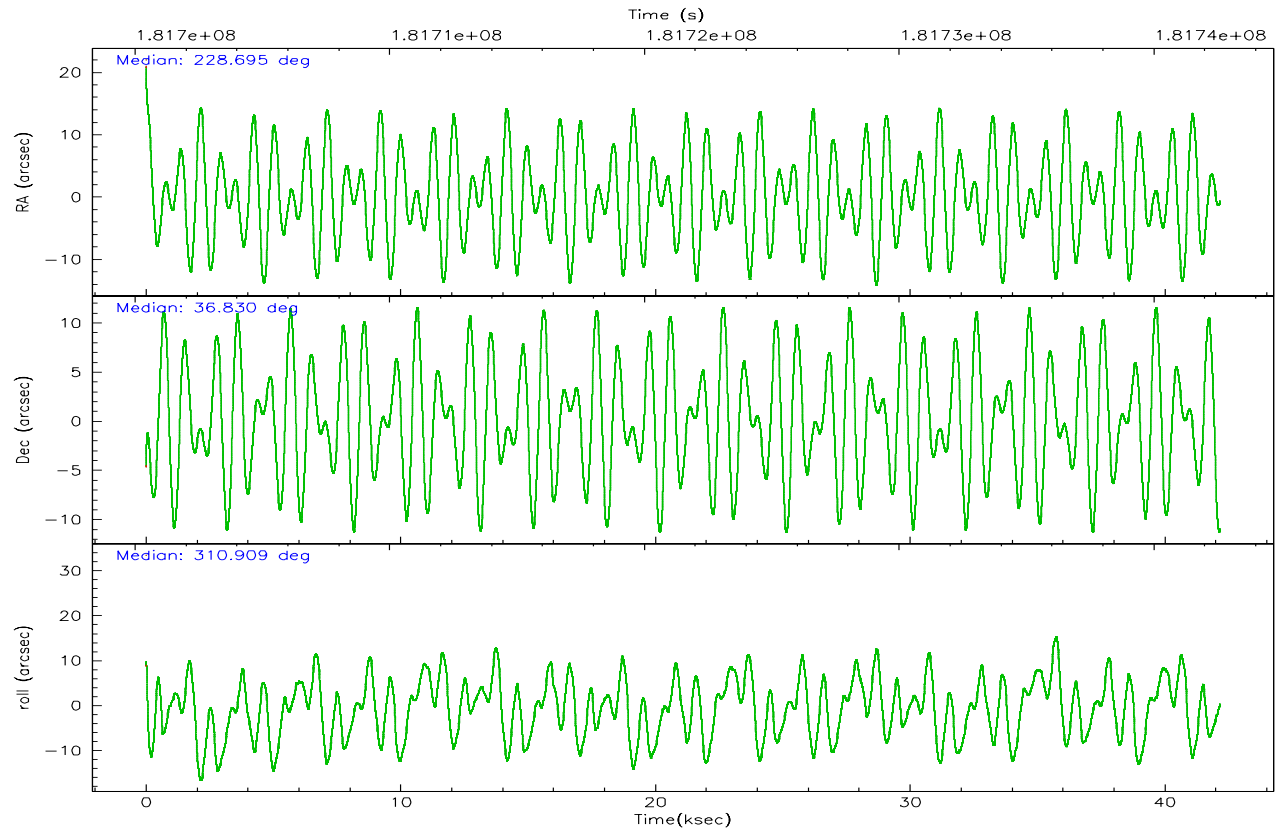
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	9287	9685	9970	14937	9275
	4%	4%	3%	5%	3%
grade 1 events	128	70	131	738	98
	0%	0%	0%	0%	0%
grade 2 events	5572	5798	5498	6179	5351
	2%	2%	2%	2%	2%
grade 3 events	2932	2960	2606	3167	2850
	1%	1%	1%	1%	1%
grade 4 events	2617	3016	2709	2973	2708
	1%	1%	1%	1%	1%
grade 5 events	8327	9018	7806	9610	9230
	3%	3%	3%	3%	3%
grade 6 events	4472	5194	4185	4798	5047
	2%	2%	1%	1%	2%
grade 7 events	188783	190238	219338	212427	209777
	84%	84%	86%	83%	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	228.662577	228.6949517223366	Alternating exposures requested	N	N
Pointing Dec	36.839151	36.8303183593705	Primary exposure time	0.000000	3.1
Pointing Roll	310.732733	310.9220152991212			
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-230.632463	-230.6305996661941			
SIM translation stage offset (mm)	-2.96	-2.961853336735572			
Observation start time	181700605.184000	181699415.20648			
Observation start date	2003-10-05T00:22:21	2003-10-05T00:03:35			
Observation end time	181742605.184000	181743258.55836			
Observation end date	2003-10-05T12:02:21	2003-10-05T12:14:18			
Read mode	TIMED	TIMED			

2.3 Aspect



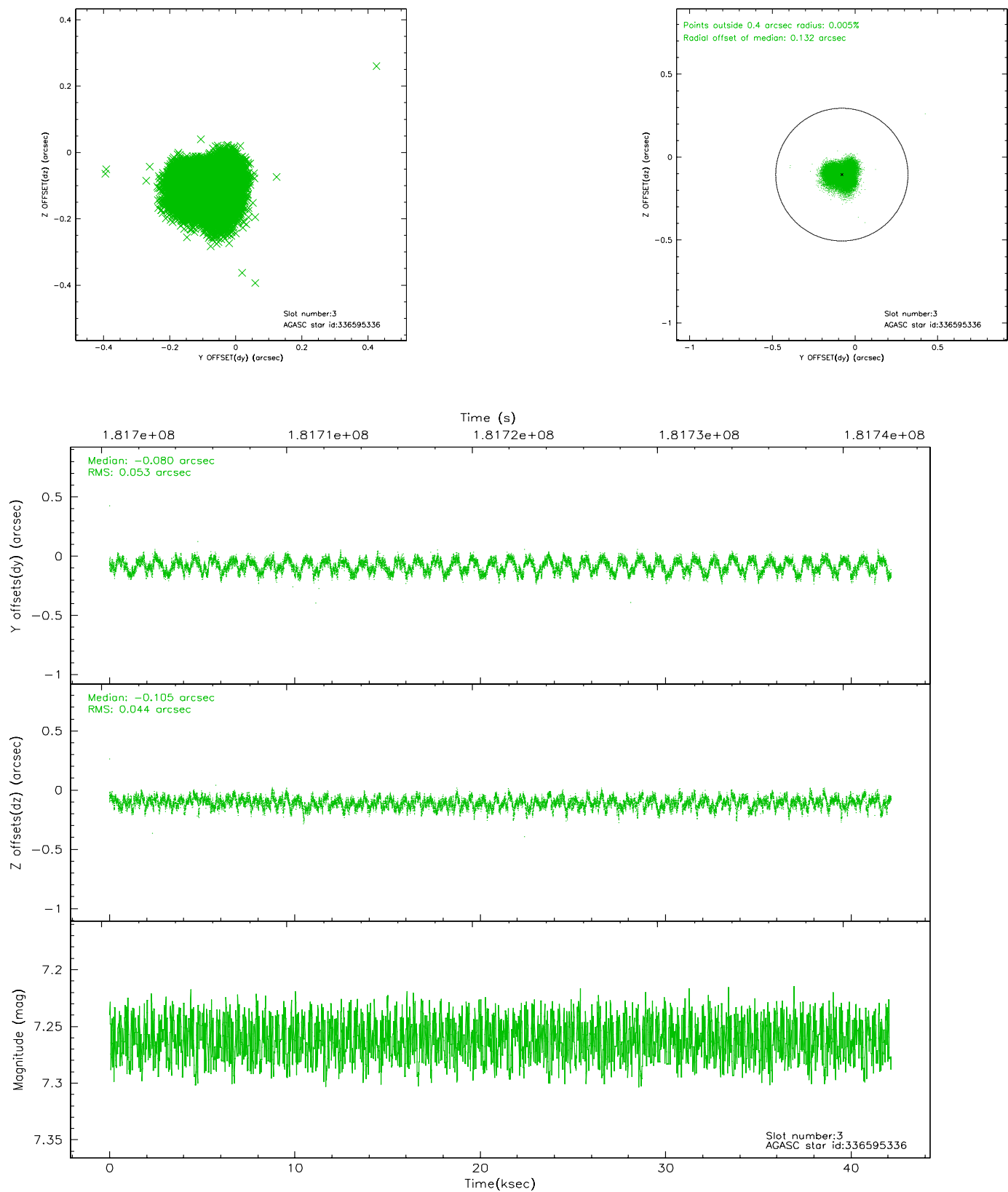


Slot Statistics

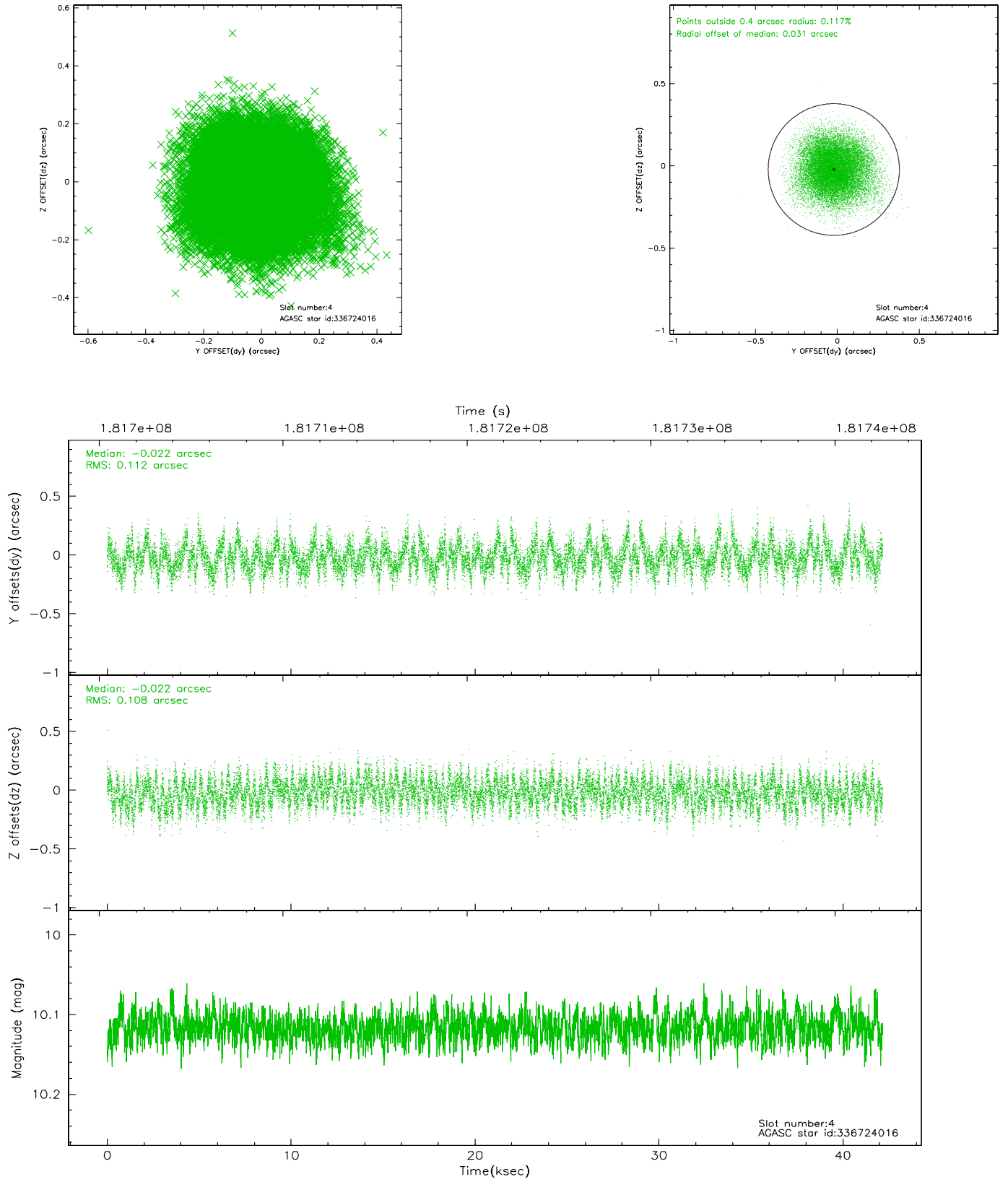
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.23	10286	0.054	0.016	0.008	0.016	0.000000	0.000000	933.49	-895.27
1	FID	ACIS-I-5	7.23	10286	-0.152	0.084	0.010	0.023	0.000000	0.000000	-1814.77	1002.34
2	FID	ACIS-I-6	7.25	10287	0.006	-0.030	0.008	0.015	0.000000	0.000000	399.04	1646.69
3	GUIDE	336595336	7.26	20573	-0.080	-0.105	0.076	0.112	227.990011	36.754719	-1040.75	-1664.50
4	GUIDE	336724016	10.12	20480	-0.022	-0.022	0.168	0.266	228.927083	37.331926	-851.09	1731.97
5	GUIDE	336724656	9.49	20558	0.015	0.060	0.106	0.168	228.987544	37.238496	-483.05	1645.05
6	GUIDE	336727824	9.33	20561	-0.009	0.025	0.115	0.183	228.394165	36.137468	1404.89	-2238.31
7	GUIDE	336598768	10.18	20546	0.091	0.045	0.153	0.250	227.784598	37.088824	-2334.42	-1316.84

2.4 Star Slots

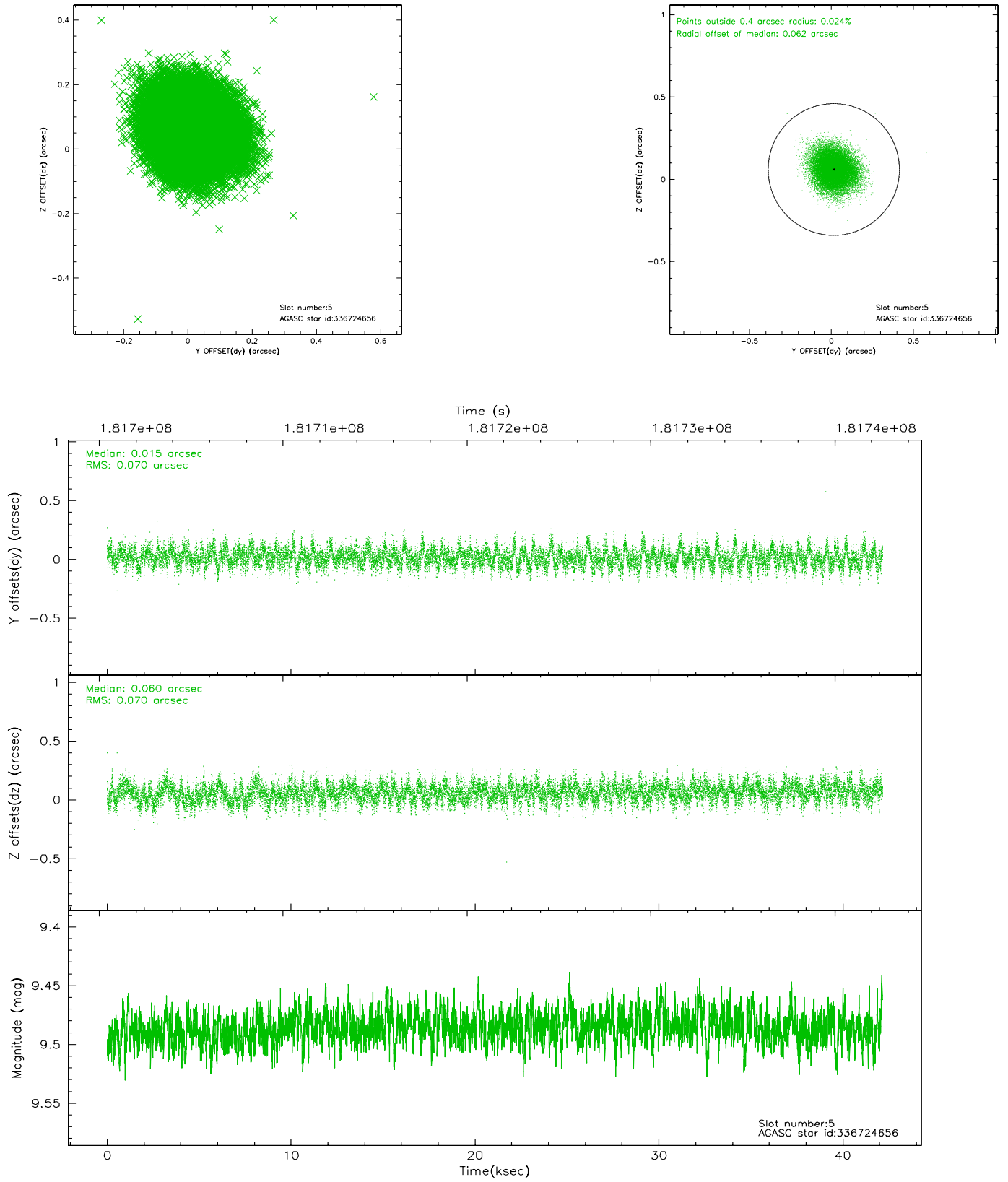
2.4.1 Slot 3



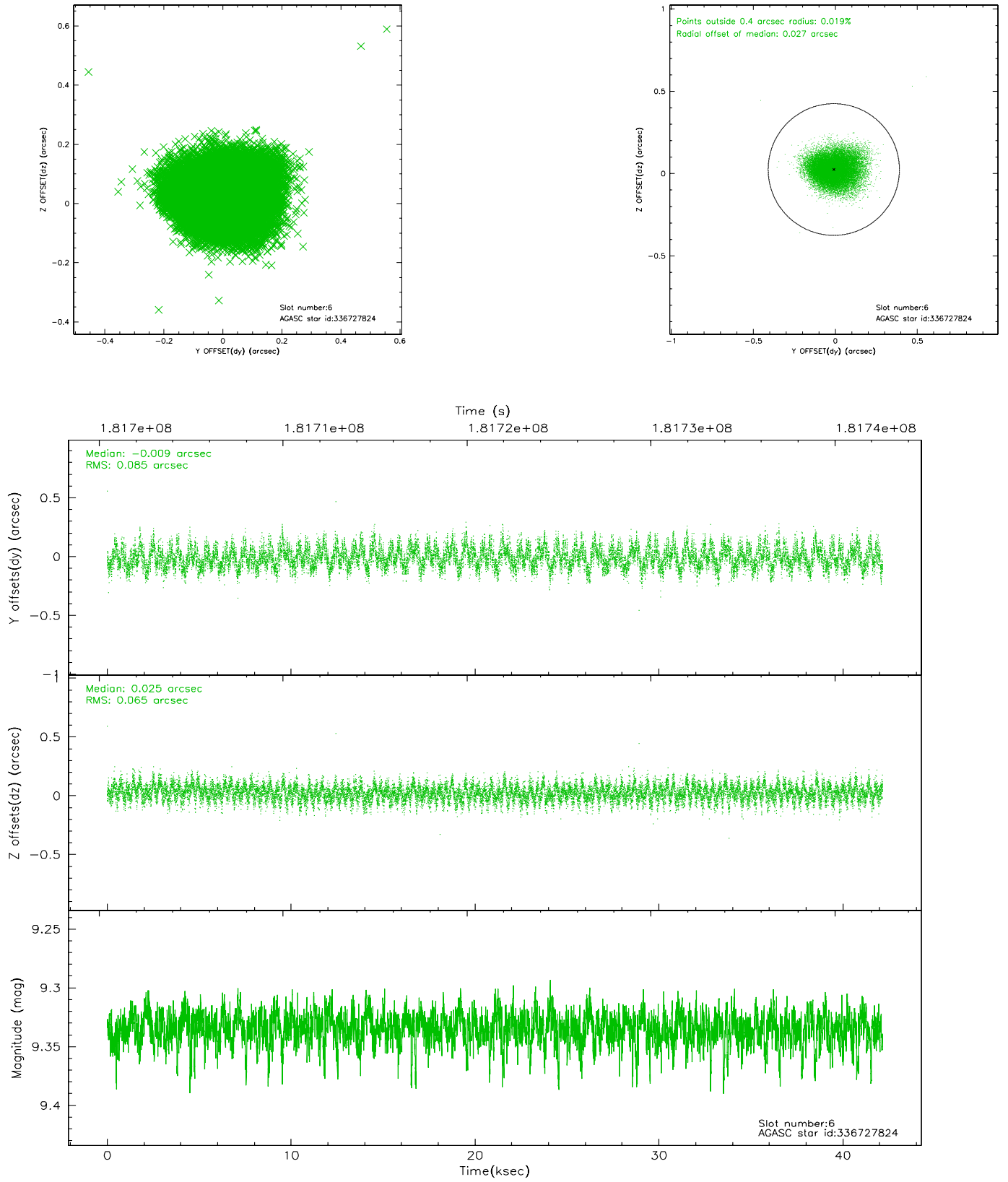
2.4.2 Slot 4



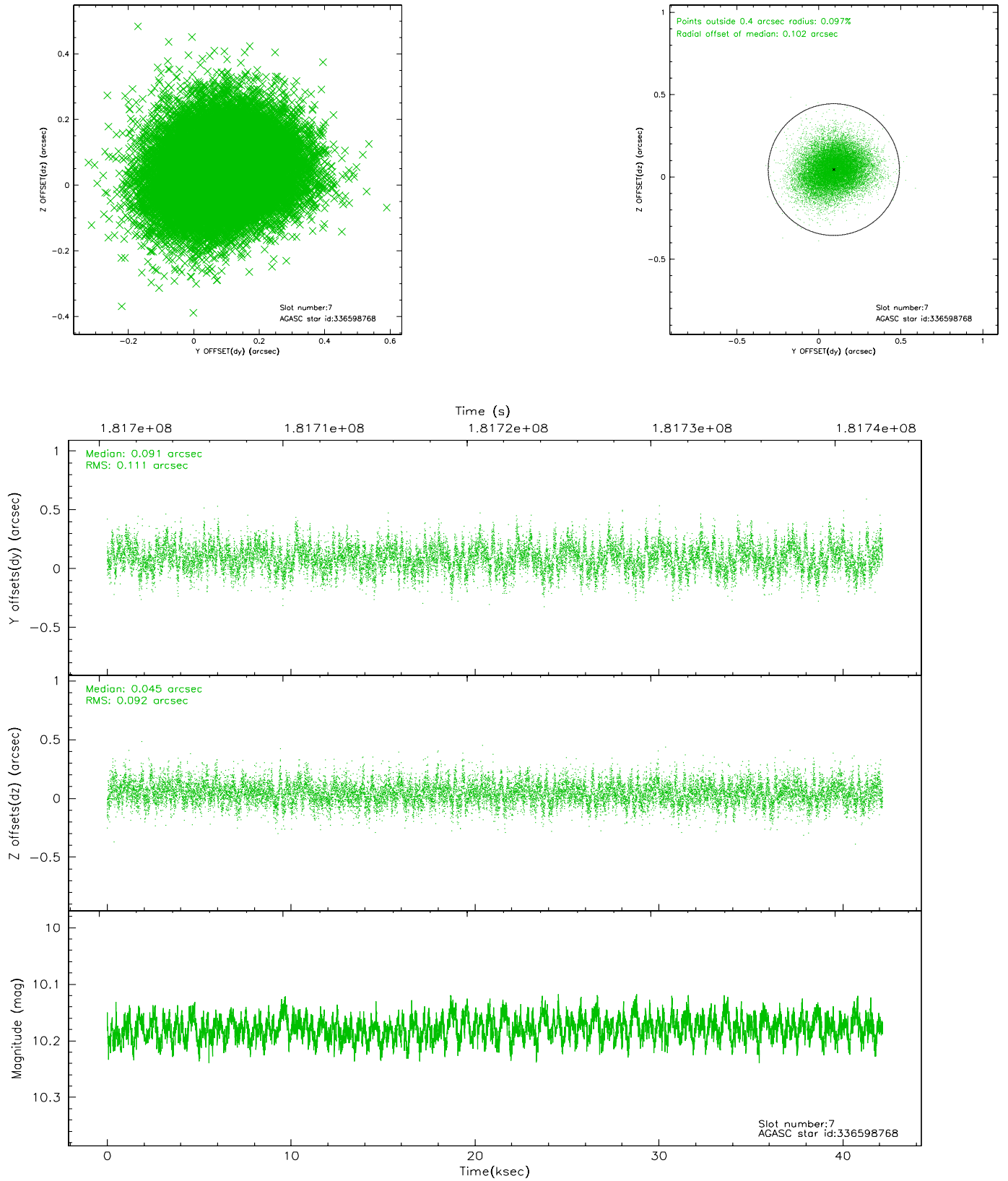
2.4.3 Slot 5



2.4.4 Slot 6

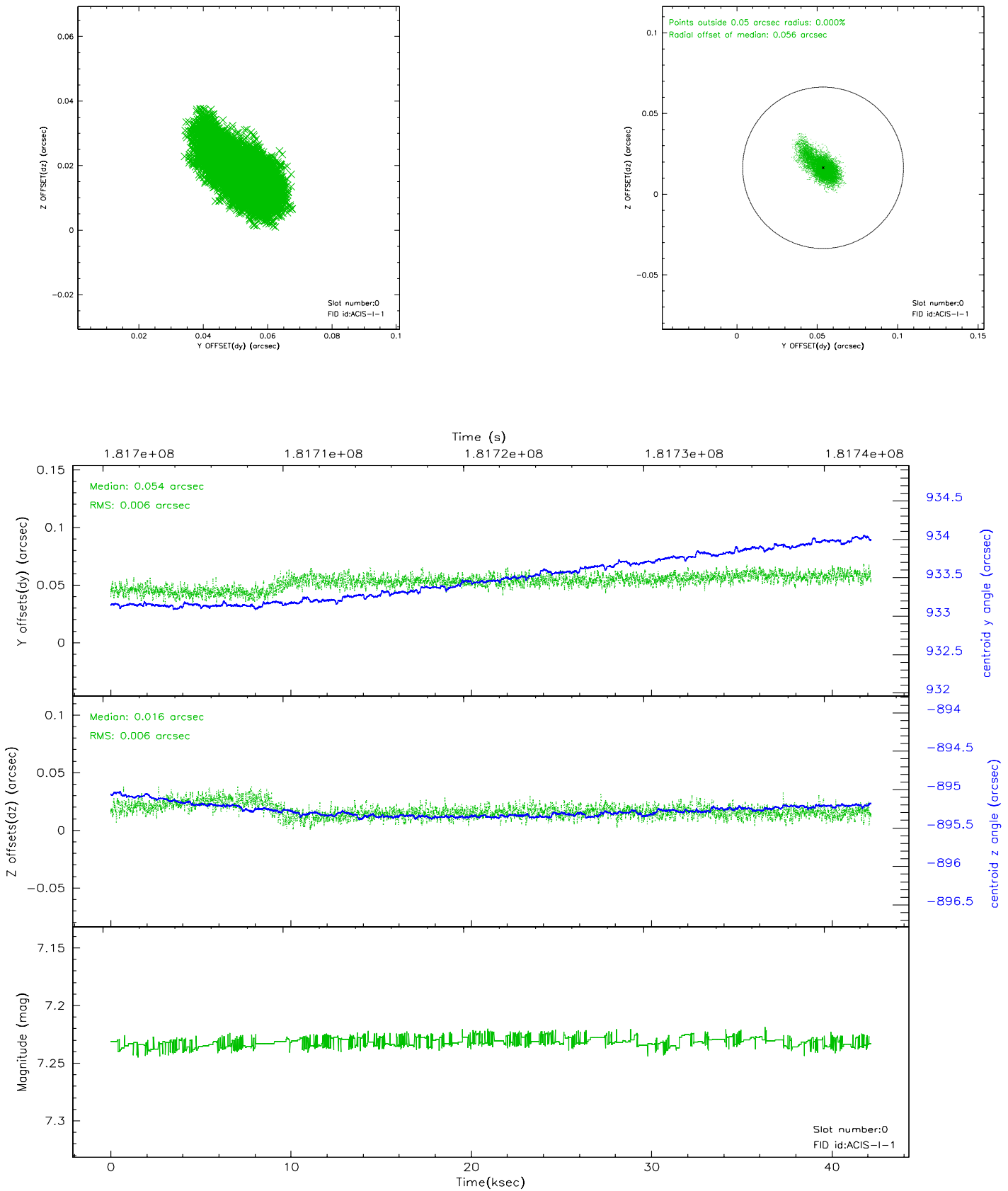


2.4.5 Slot 7

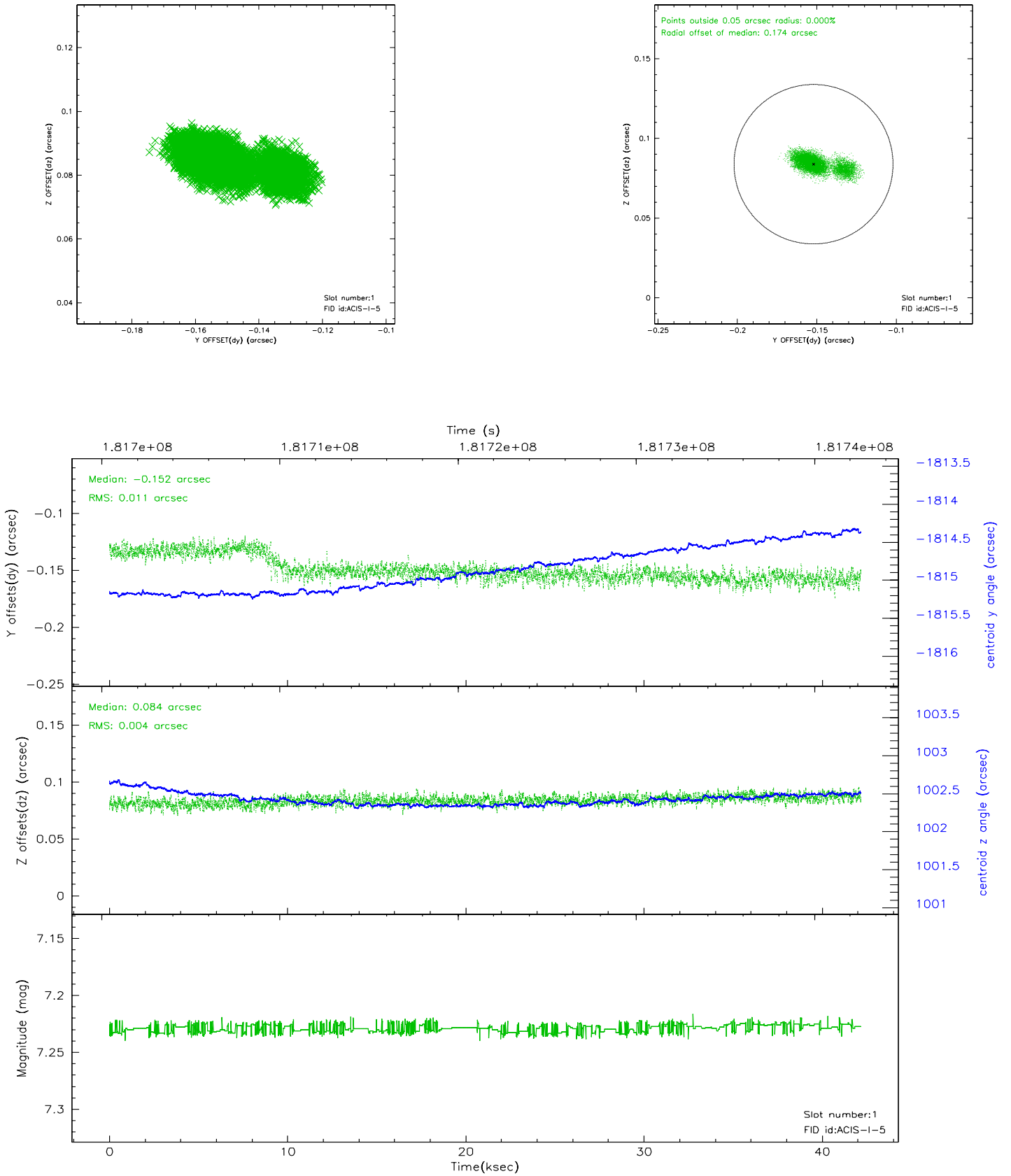


2.5 FID Slots

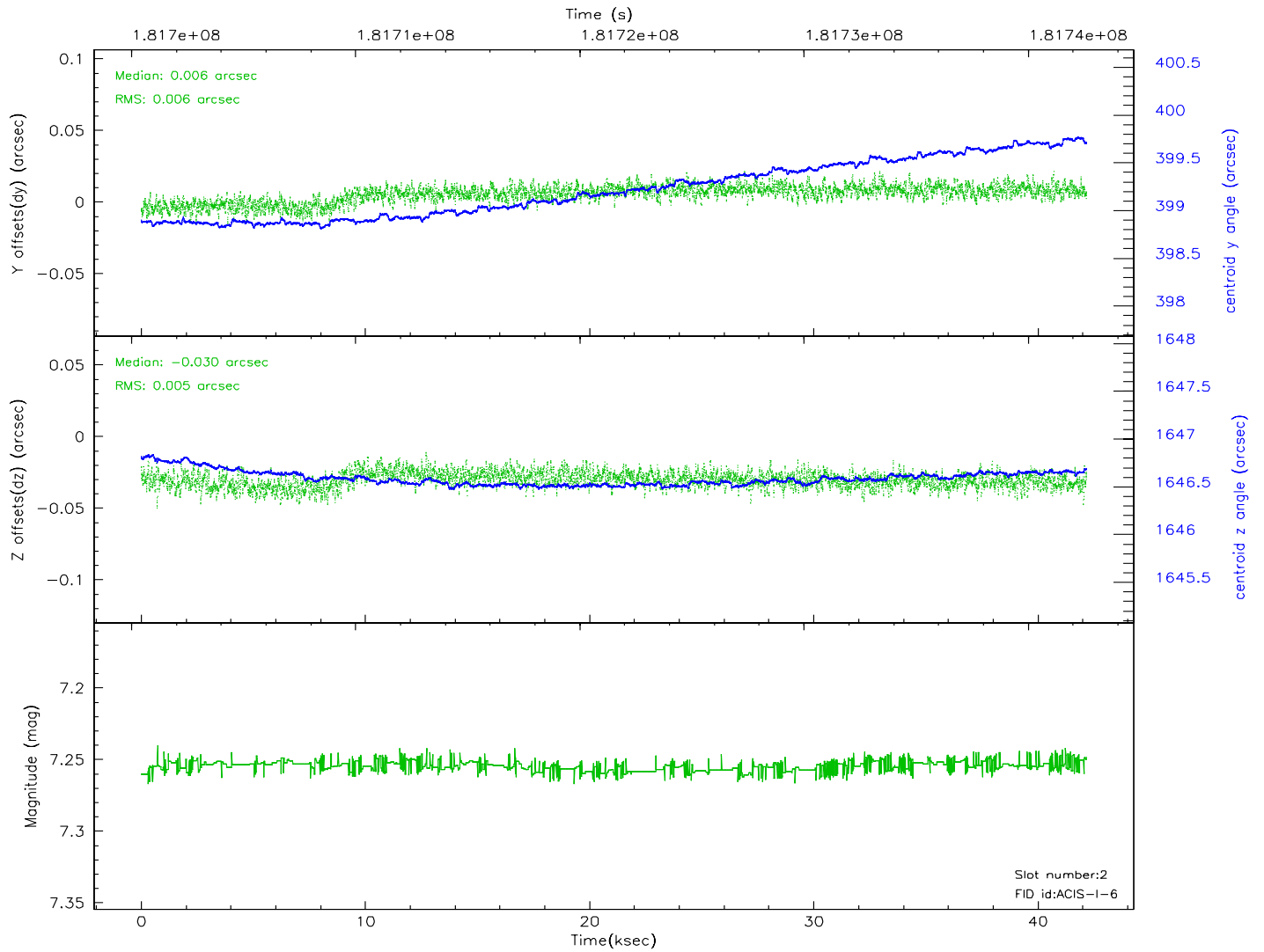
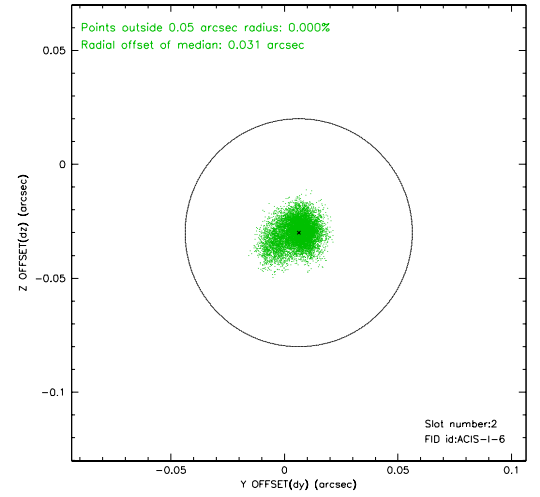
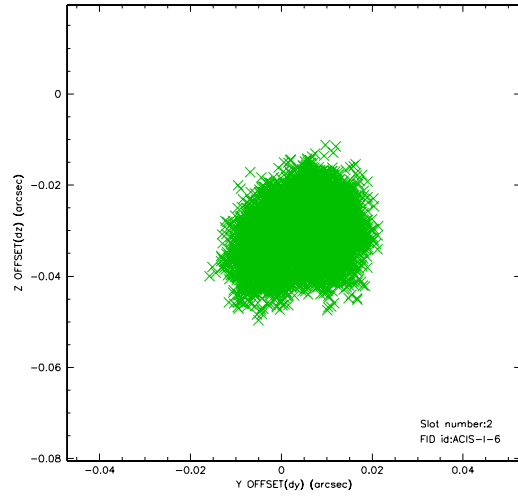
2.5.1 Slot 0



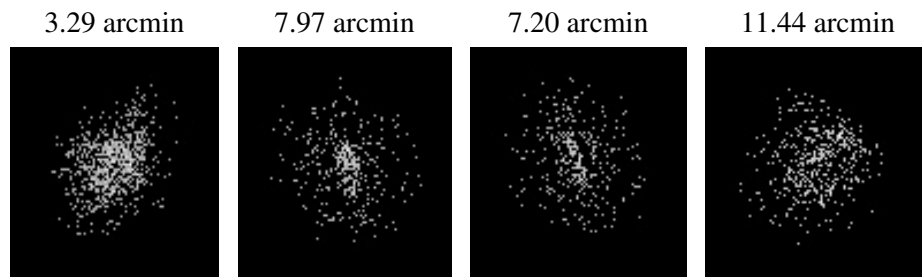
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.07.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	42.169

A.2 Comments