

V&V Reference Report

L2 ASCDS Version : 7.6.7

Observation 4978 - L2 Version 003
Chandra X-Ray Center

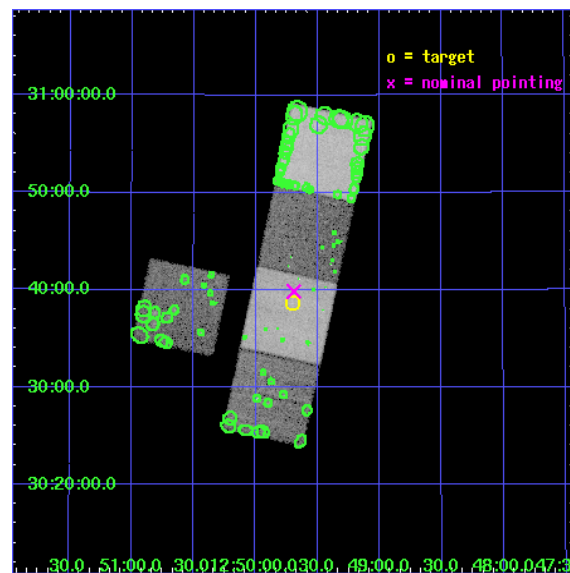
L2 Processing Date: Feb 22 2006

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1 Front

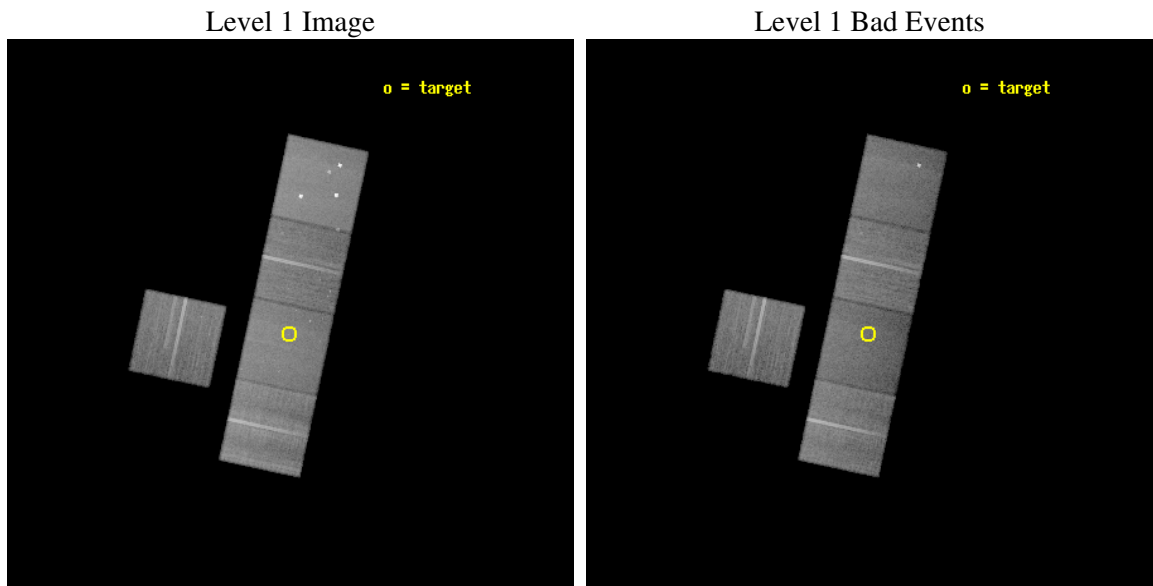
seq_num	800423
obs_id	4978
title	What bends the lobes of WAT radio sources in isolated environments -- are they in fossil groups?
observer	Dr. Elizabeth Blanton
object	1249+3038
dtcycle	0
cycle	P
ra_targ	192.425833
dec_targ	30.643889
ra_nom	192.42273399104
dec_nom	30.664452293538
roll_nom	102.17053525881
revision	3
ontime	35172.599932373
livetime	34713.044020565
ontime3	35169.458942115
ontime5	35172.599932373
ontime6	35172.599932373
ontime7	35172.599932373
ontime8	35163.177071154
l2events	287441



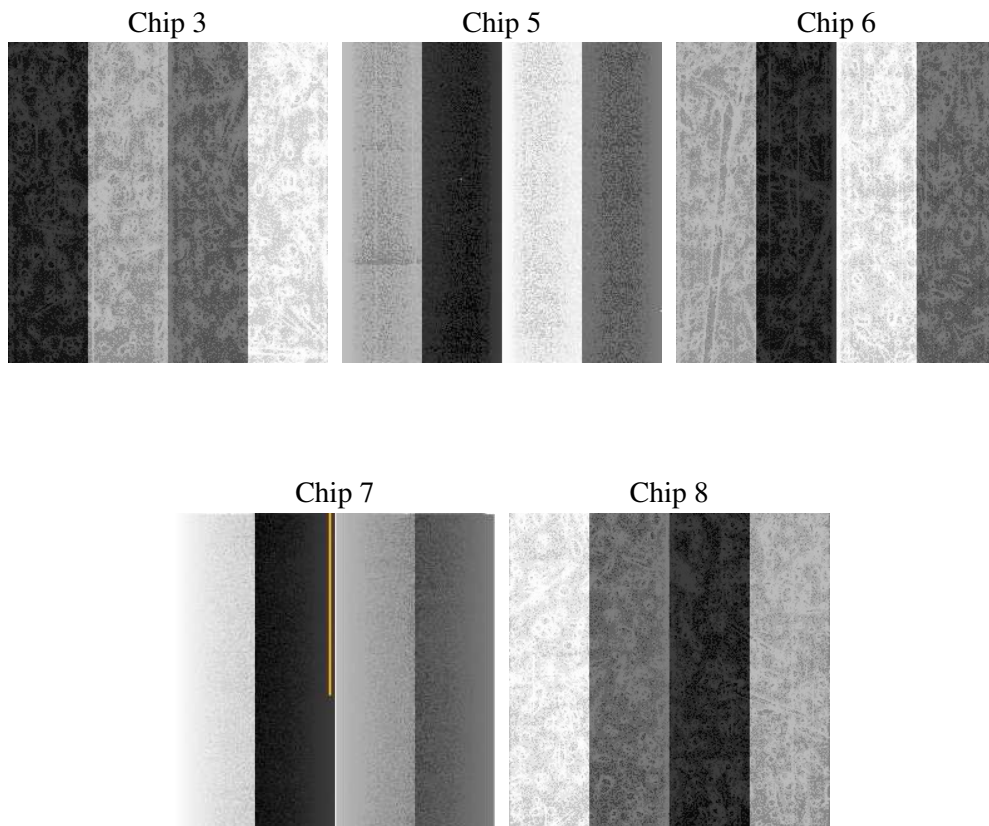
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.7
caldbver	3.2.1
date	2006-02-23T01:08:23
revision	3

sched_exp_time	35000.000000
ontime	36492.271401256
ontime3	36489.130410999
ontime5	36492.271401256
ontime6	36492.271401256
ontime7	36492.271401256
ontime8	36482.848540038
l1events	1292821

2.1.4 Events

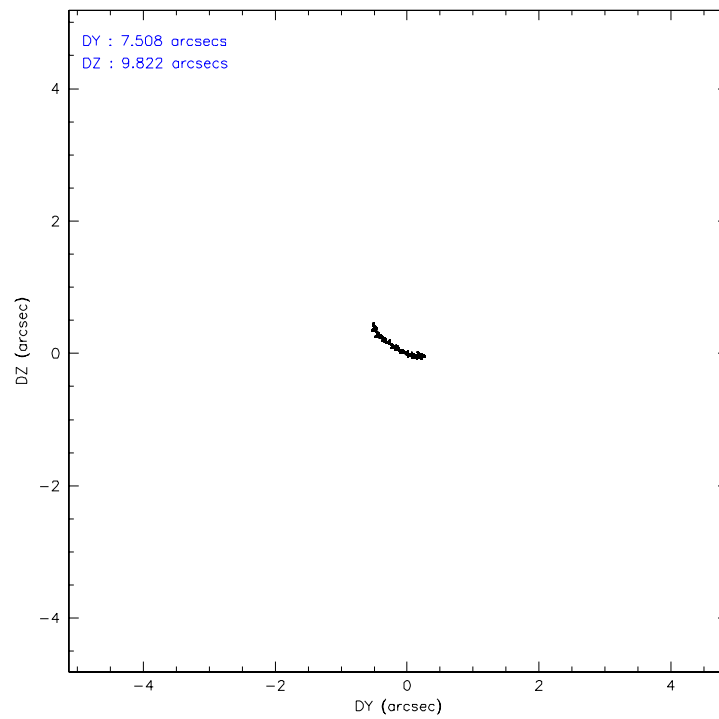
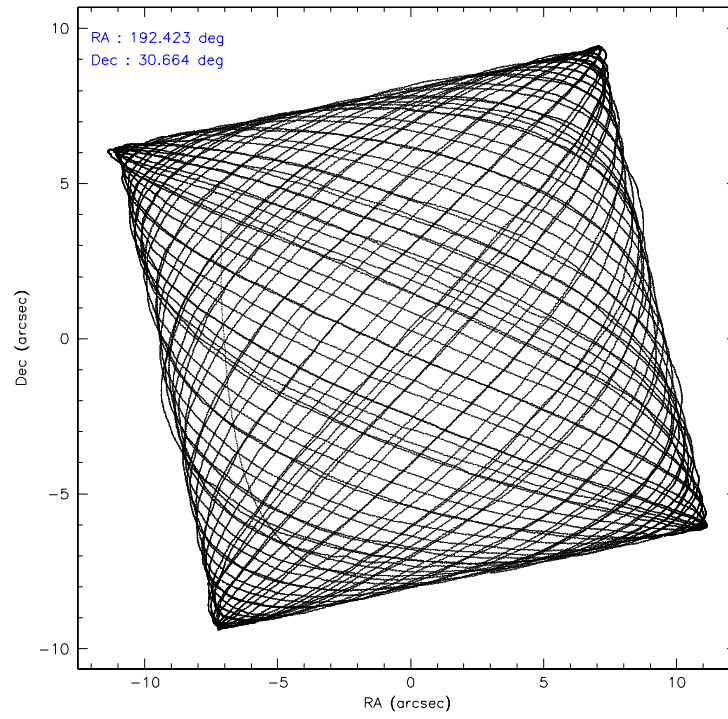
	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	213926	323329	224089	248579	282898
rejected events	194014	168154	201313	148735	218868
rejected %	90%	52%	89%	59%	77%

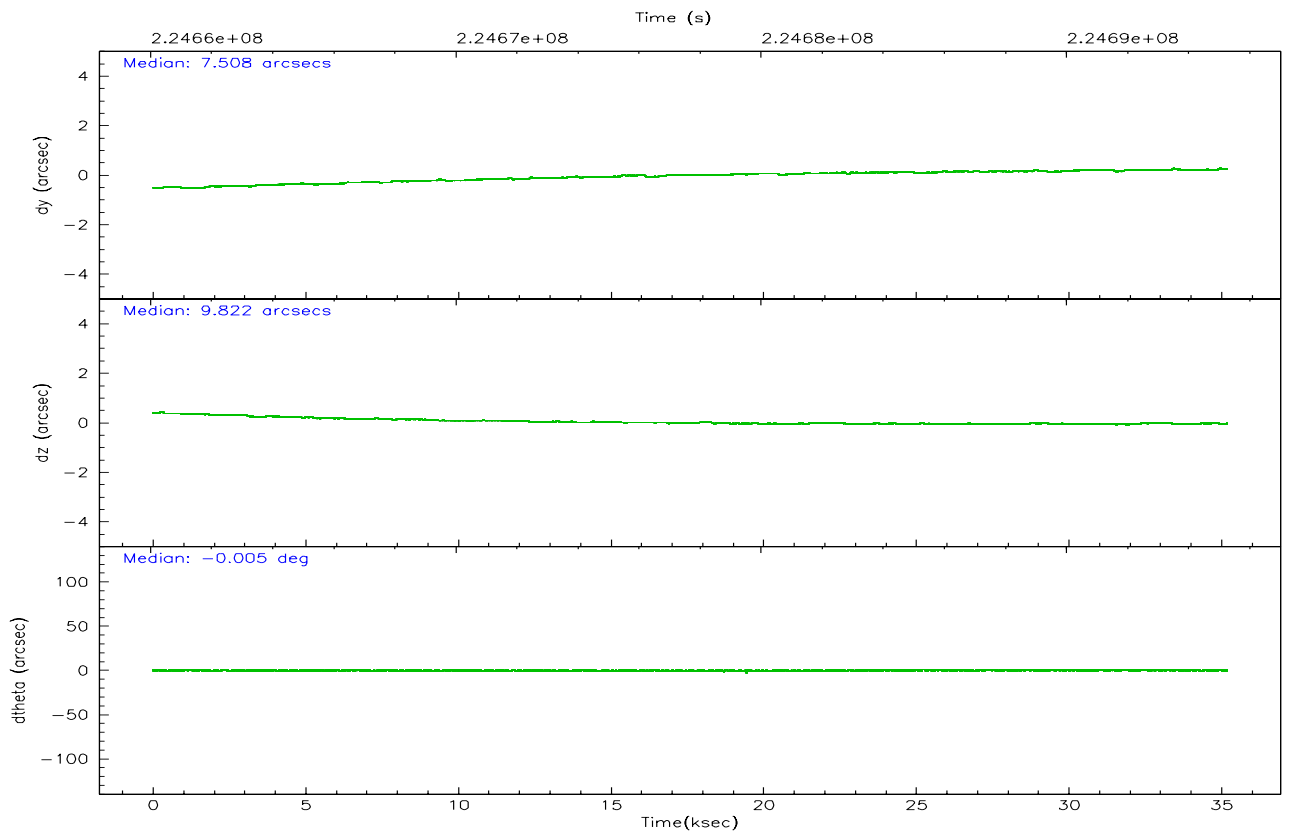
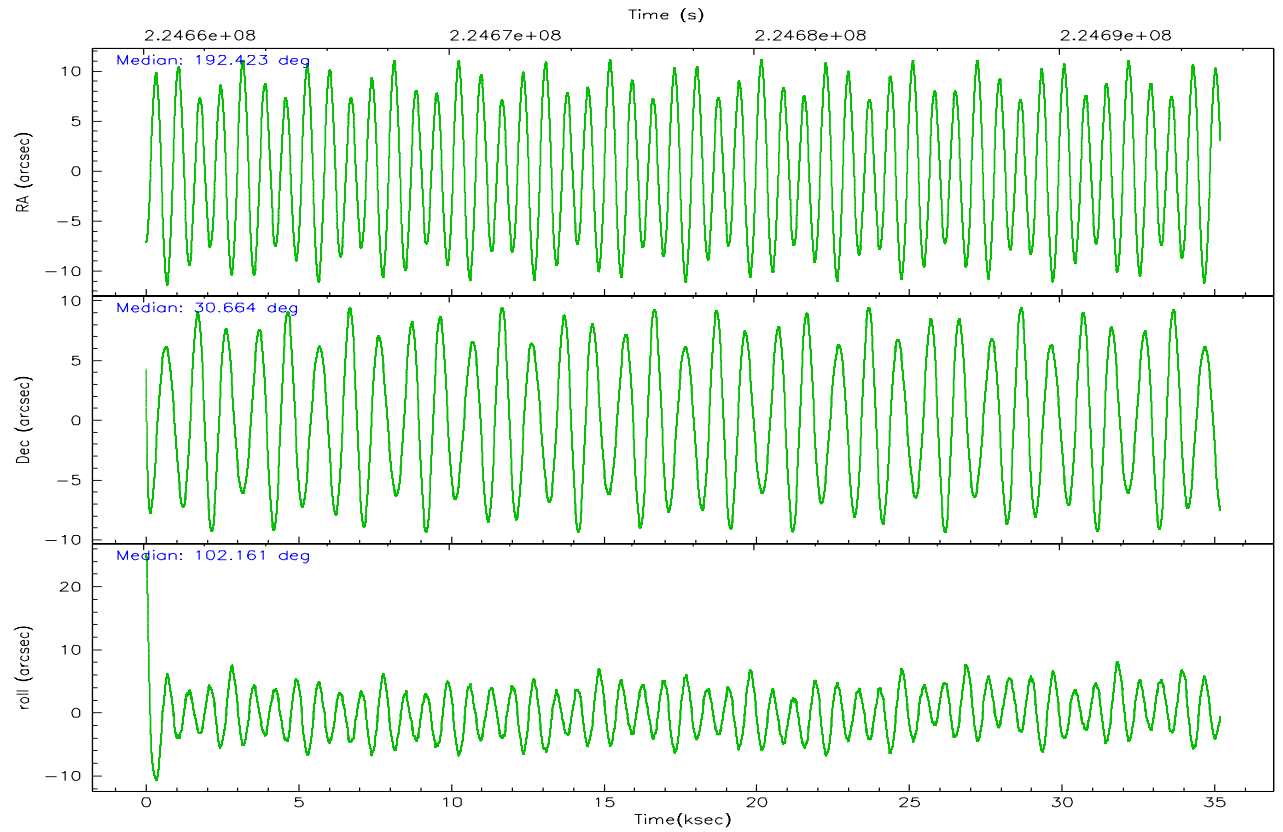
	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	7500	25909	8409	6158	19603
	3%	8%	3%	2%	6%
grade 1 events	119	105	121	143	196
	0%	0%	0%	0%	0%
grade 2 events	4362	47111	5096	25737	14662
	2%	14%	2%	10%	5%
grade 3 events	2453	3818	2645	5794	7246
	1%	1%	1%	2%	2%
grade 4 events	2399	3366	2480	5777	6836
	1%	1%	1%	2%	2%
grade 5 events	8686	16474	9092	18722	12569
	4%	5%	4%	7%	4%
grade 6 events	3969	80863	4963	60164	18157
	1%	25%	2%	24%	6%
grade 7 events	184438	145683	191283	126084	203629
	86%	45%	85%	50%	71%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-35678	ACIS-35678	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	192.444290	192.4227339910448	Alternating exposures requested	N	N
Pointing Dec	30.644533	30.66445229353761	Primary exposure time	0.000000	3.1
Pointing Roll	102.002907	102.1705352588107			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1425803651734			
SIM translation stage offset (mm)	0	0.01005778216563158			
Observation start time	224660256.184000	224658603.13058			
Observation start date	2005-02-13T05:36:32	2005-02-13T05:10:03			
Observation end time	224695256.184000	224696533.2573			
Observation end date	2005-02-13T15:19:52	2005-02-13T15:42:13			
Read mode	TIMED	TIMED			

2.3 Aspect



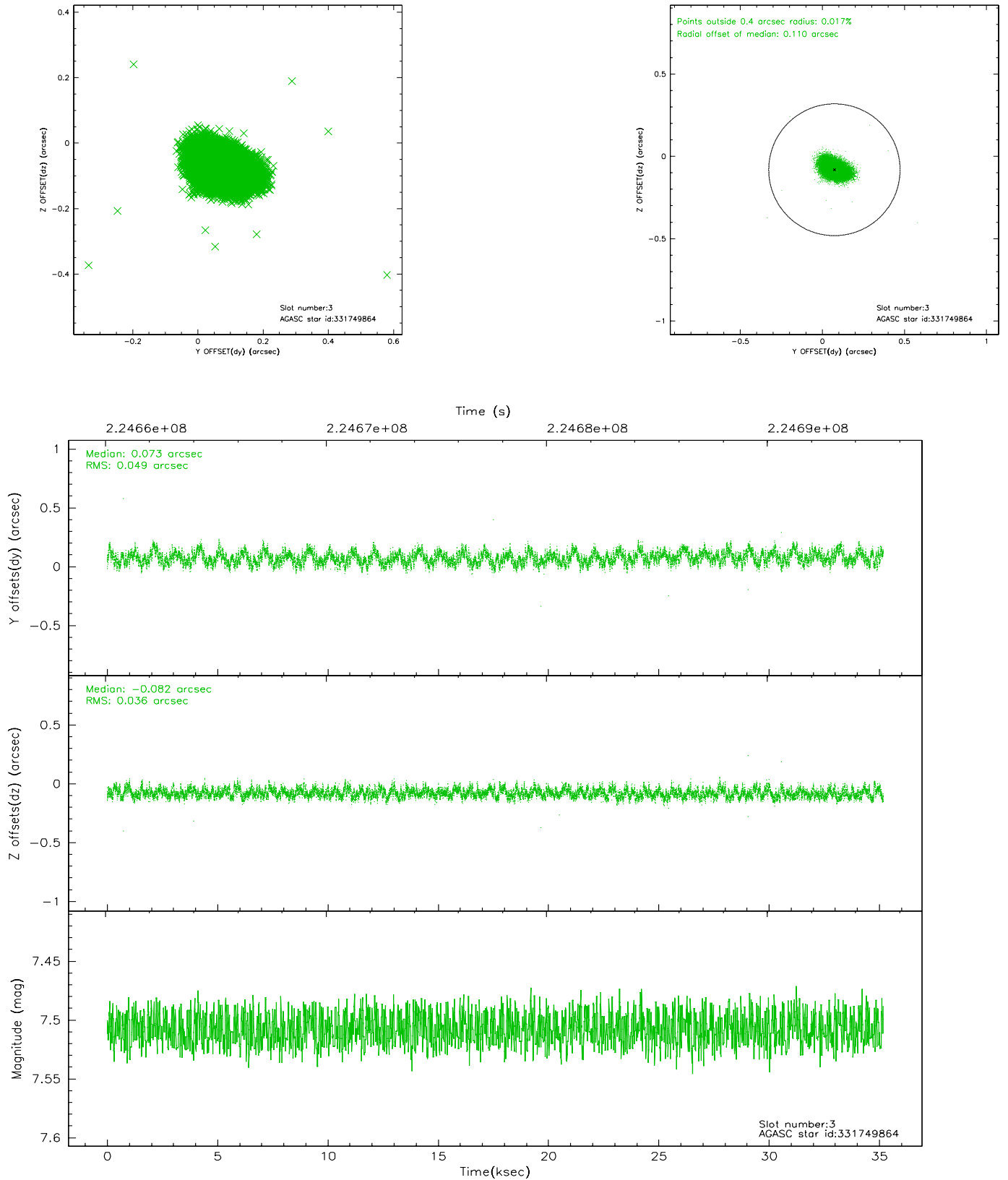


Slot Statistics

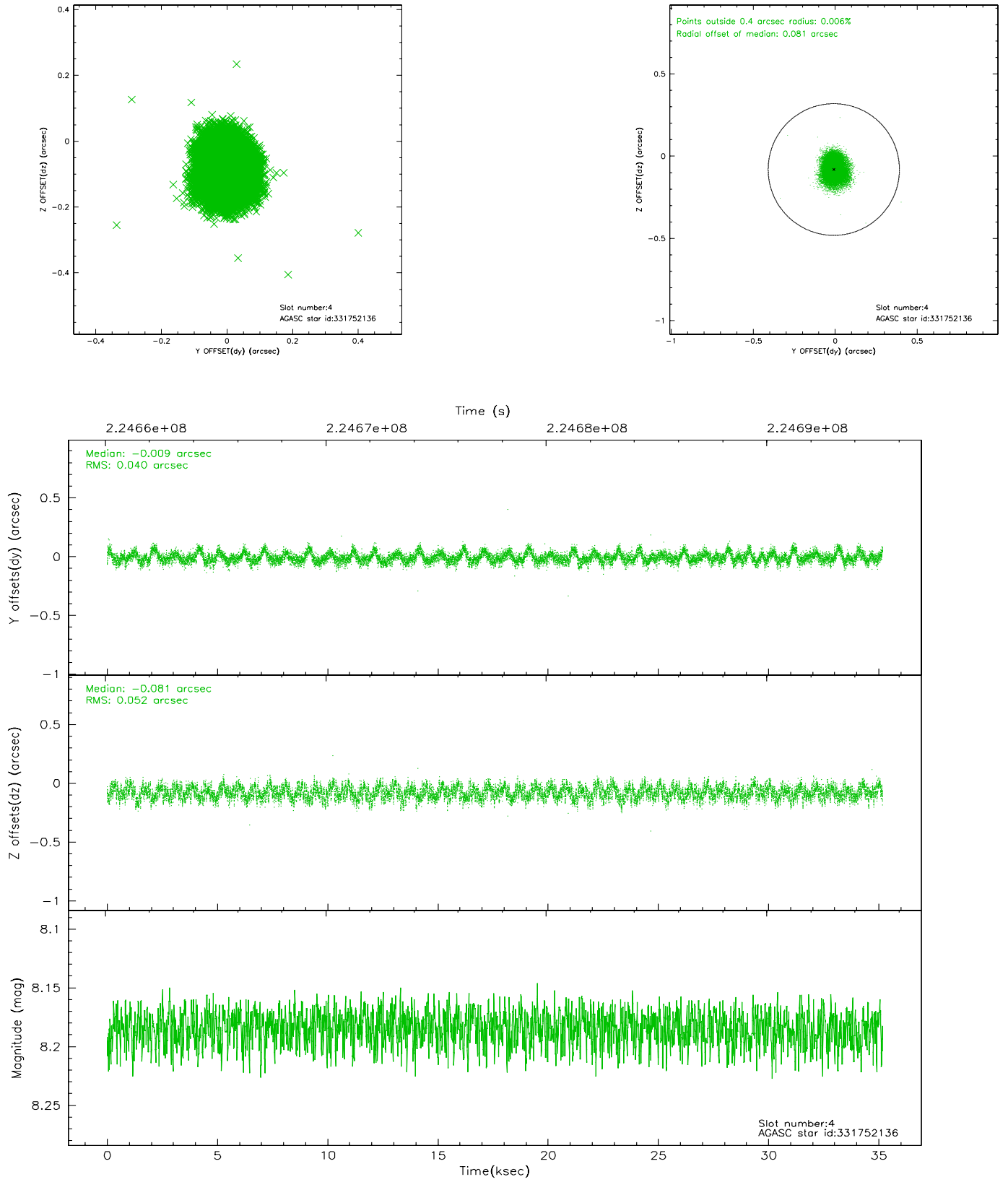
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	8581	-0.036	-0.008	0.013	0.018	0.000000	0.000000	-760.21	-1731.09
1	FID	ACIS-S-4	7.21	8581	0.061	0.021	0.012	0.019	0.000000	0.000000	2153.10	177.44
2	FID	ACIS-S-5	7.24	8582	-0.055	-0.002	0.010	0.019	0.000000	0.000000	-1813.06	171.05
3	GUIDE	331749864	7.51	17163	0.073	-0.082	0.065	0.105	192.063638	30.396140	-626.86	1341.82
4	GUIDE	331752136	8.18	17161	-0.009	-0.081	0.071	0.110	192.091746	30.767179	660.54	974.99
5	GUIDE	331753984	9.89	17145	0.127	-0.090	0.185	0.319	191.969407	30.821639	932.06	1303.00
6	GUIDE	331744120	8.93	17145	-0.059	0.245	0.101	0.163	193.140390	31.116277	1222.17	-2452.56
7	GUIDE	331748496	9.38	17094	-0.121	-0.012	0.110	0.181	191.833821	31.213608	2398.51	1411.85

2.4 Star Slots

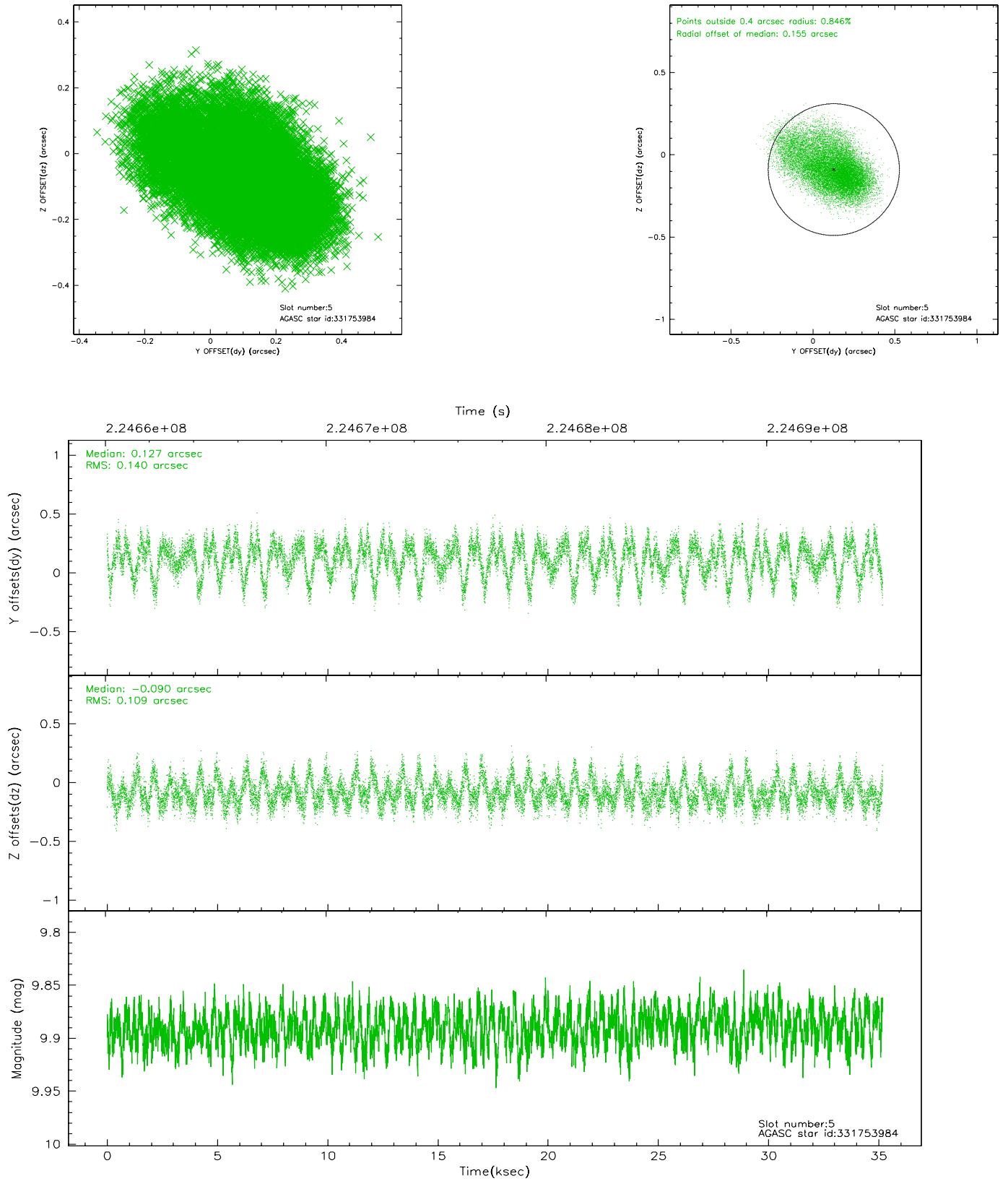
2.4.1 Slot 3



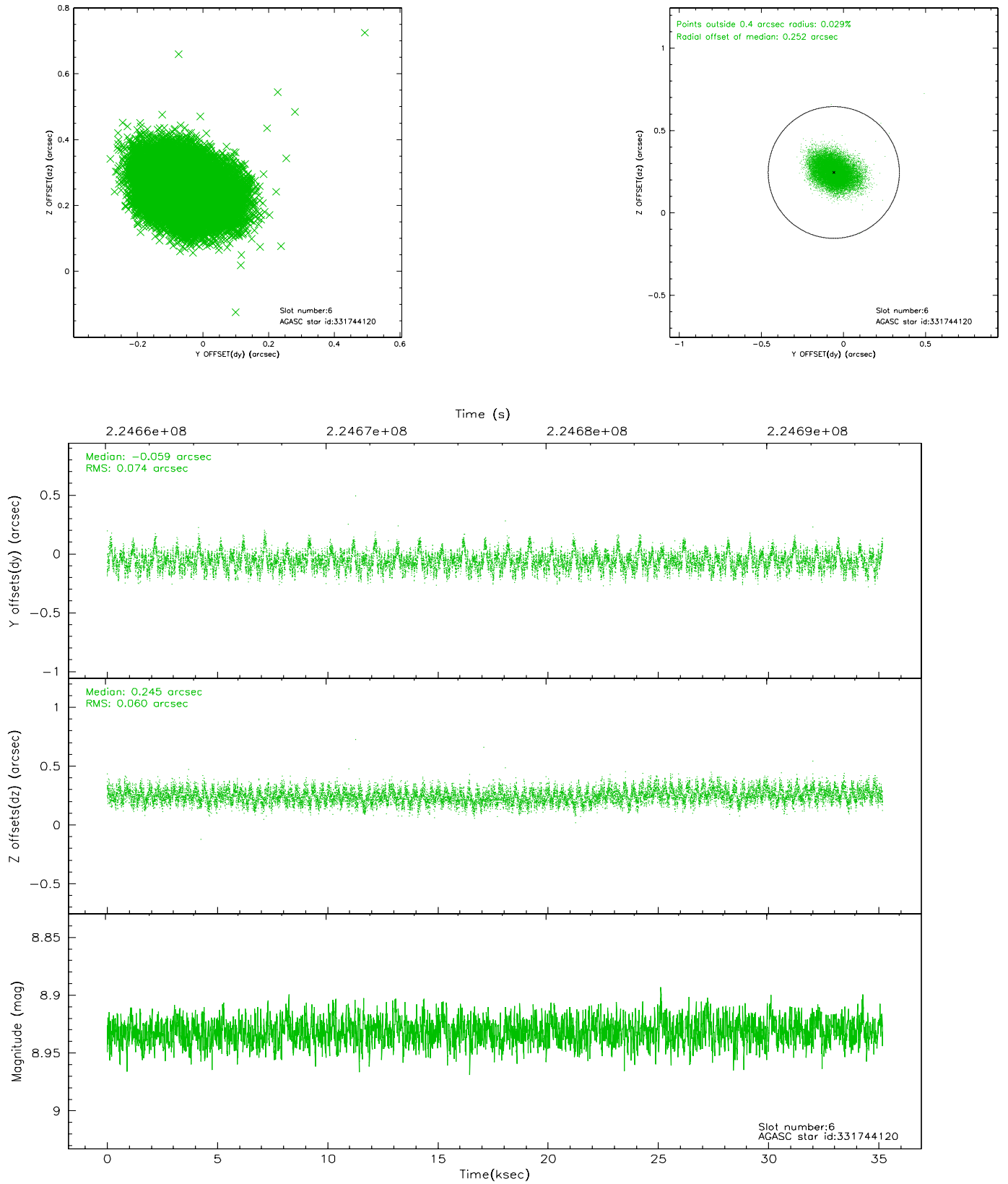
2.4.2 Slot 4



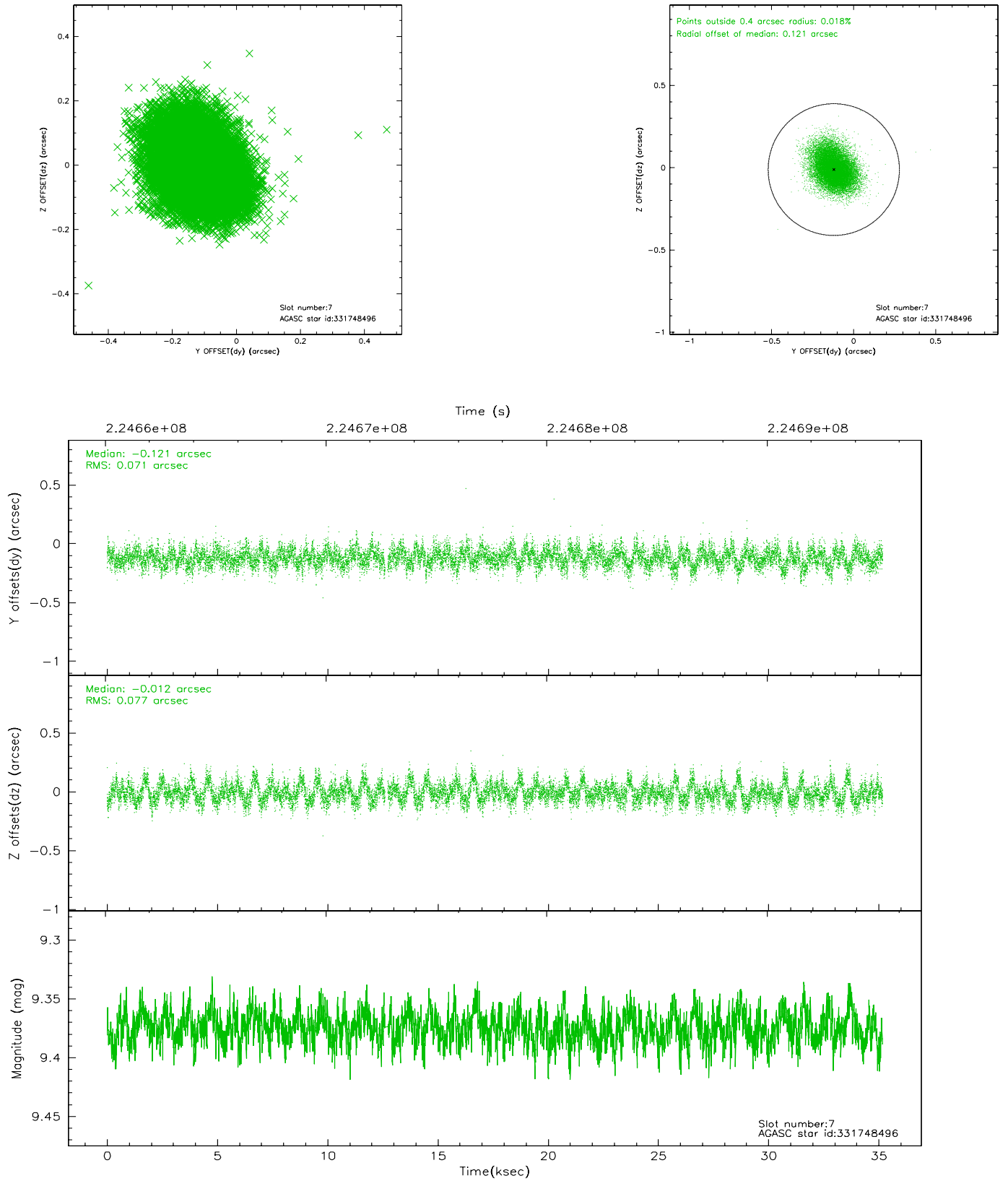
2.4.3 Slot 5



2.4.4 Slot 6

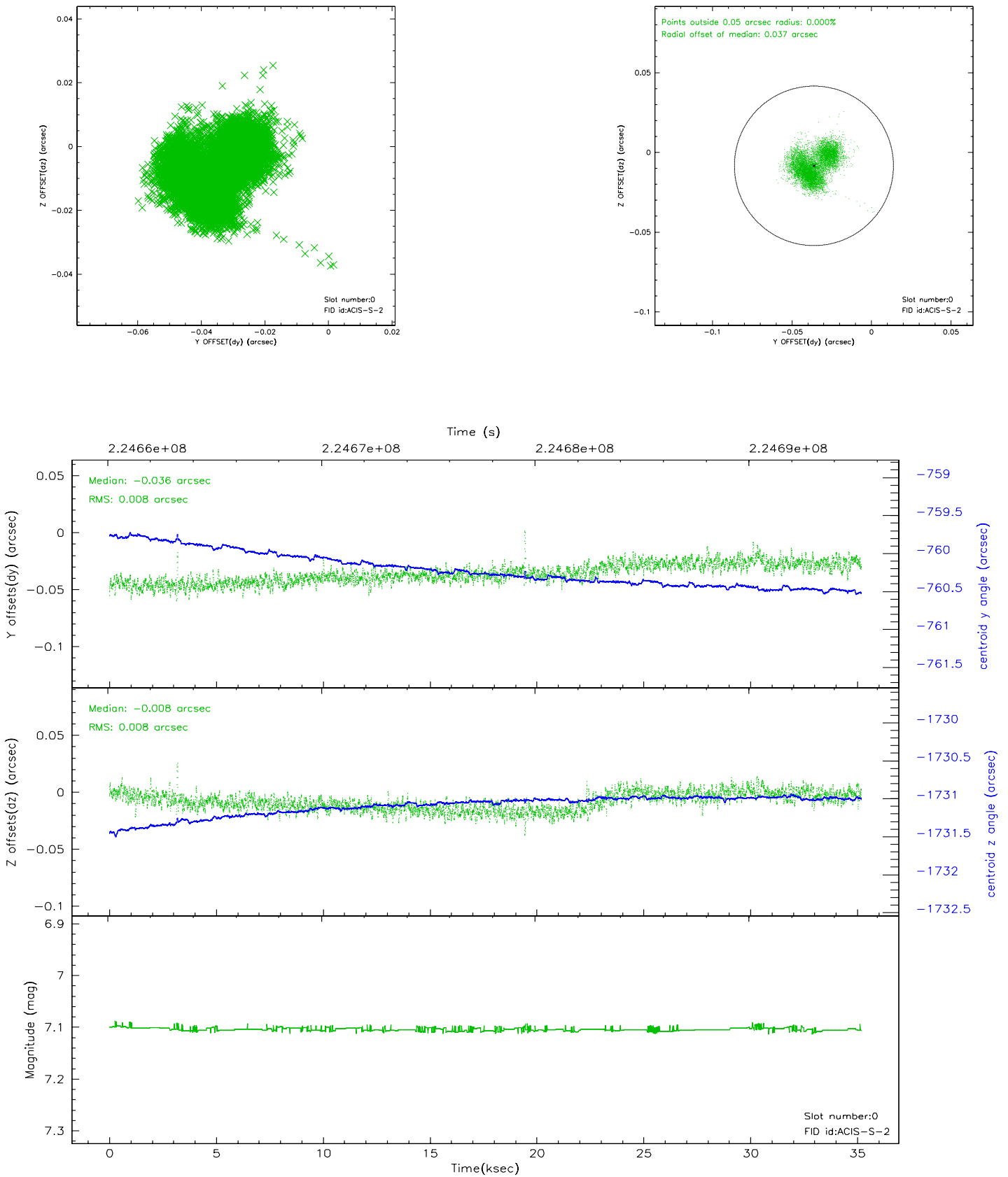


2.4.5 Slot 7

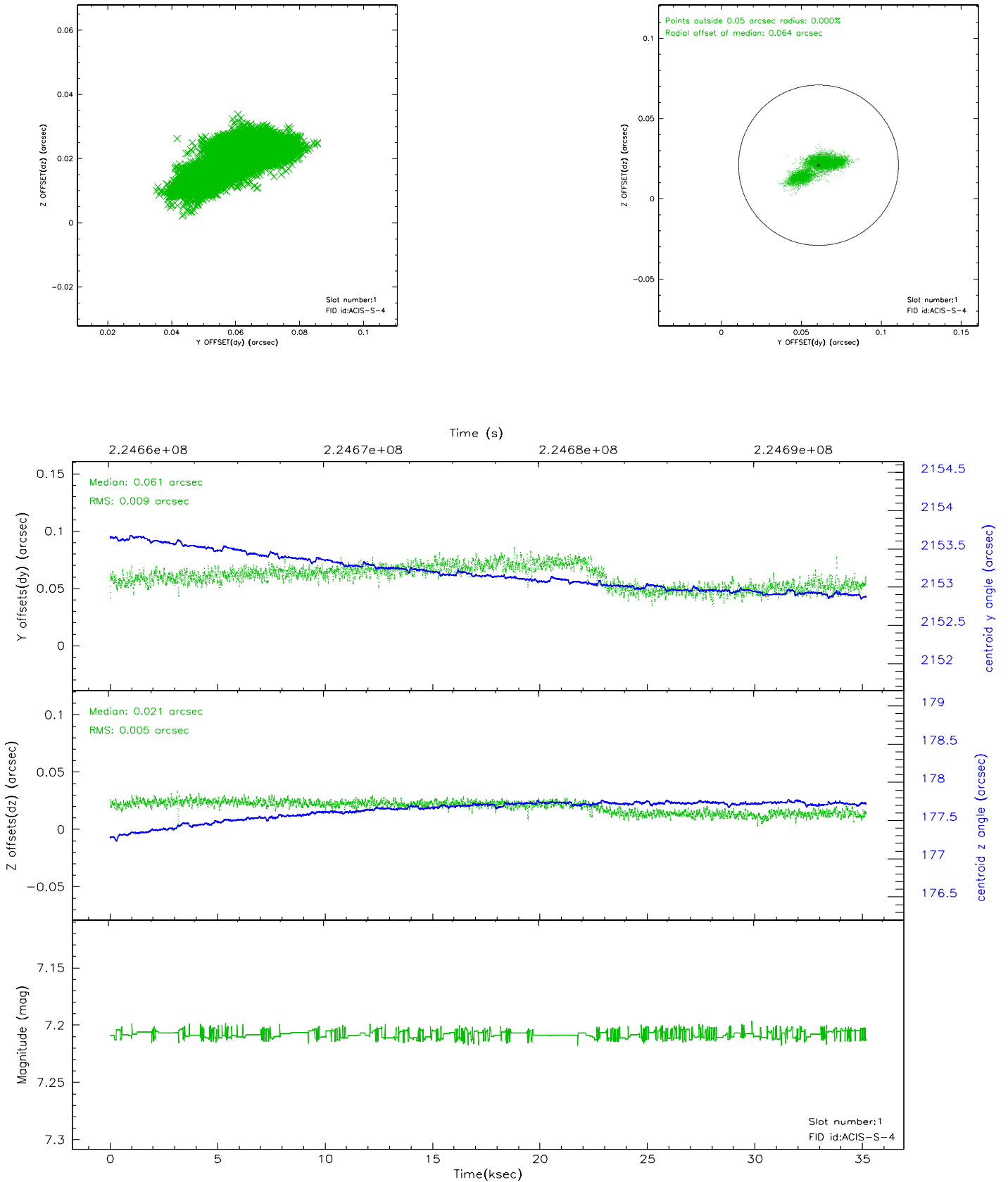


2.5 FID Slots

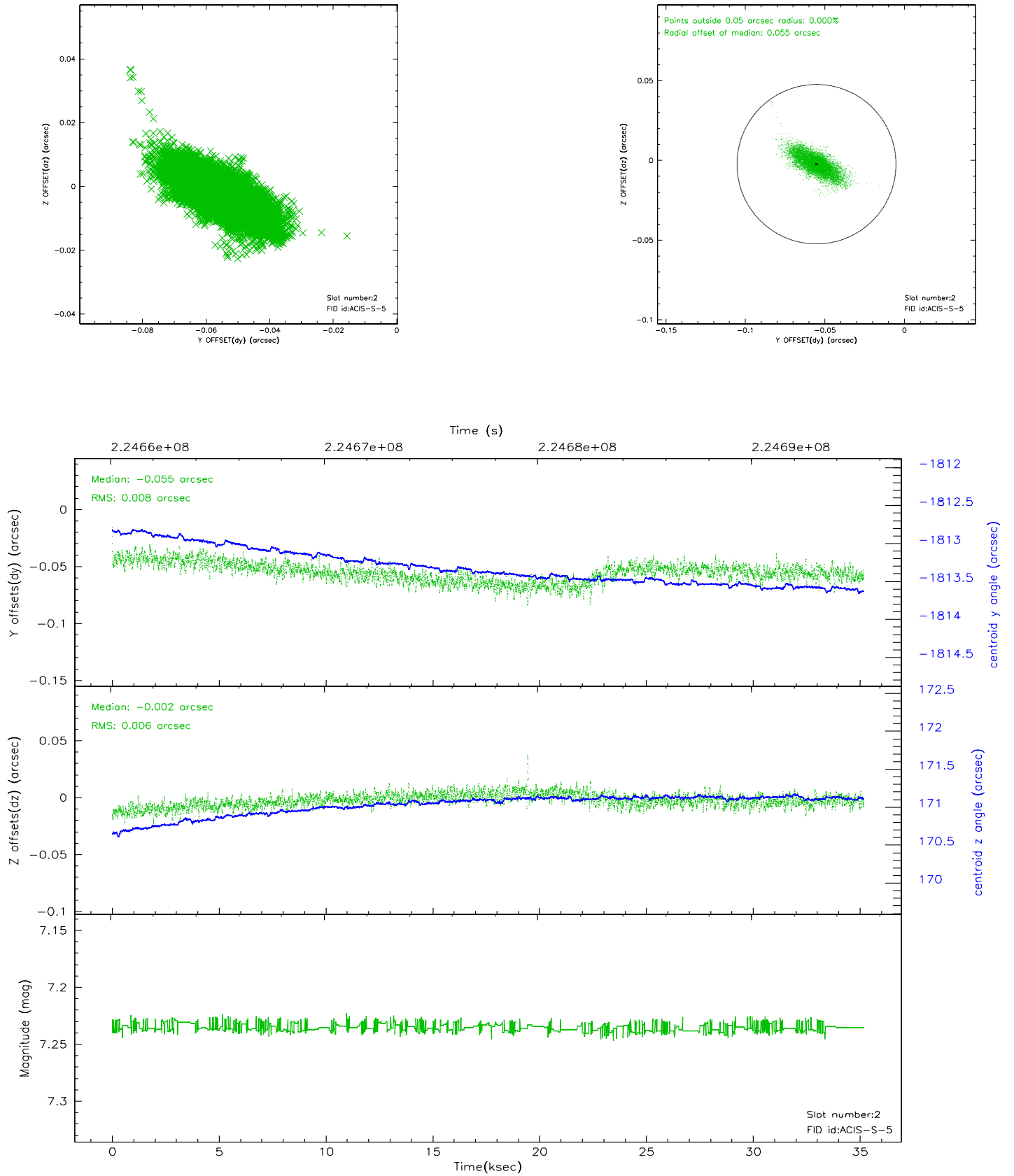
2.5.1 Slot 0



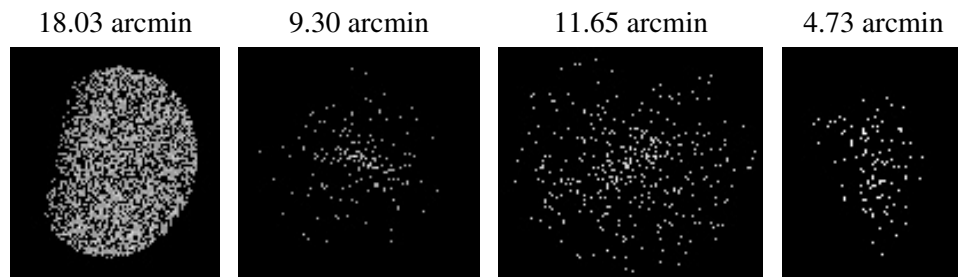
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.02.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	35.17259

A.2 Comments