

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 3278 - L2 Version 001
Chandra X-Ray Center

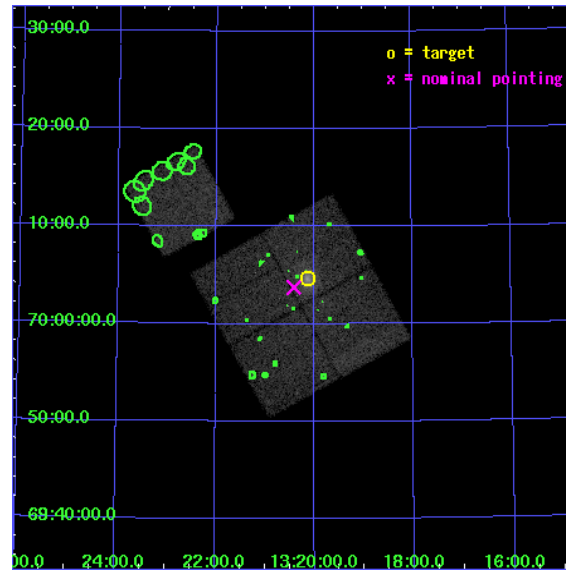
L2 Processing Date : Oct 4 2006

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1 Front

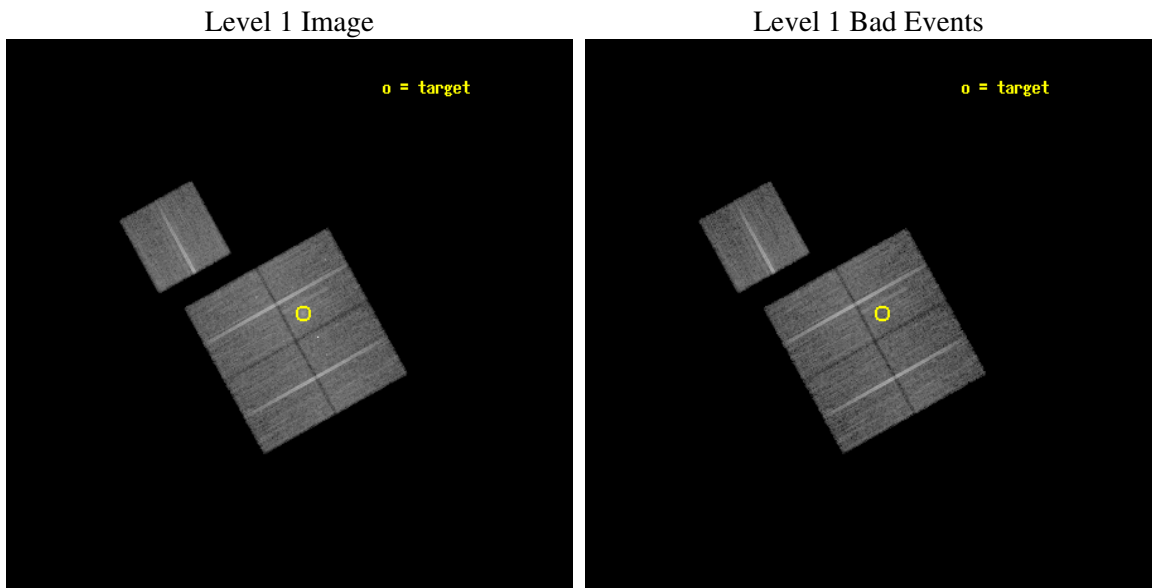
seq_num	800278
obs_id	3278
title	MACS: THE X-RAY PROPERTIES OF THE MOST MASSIVE GALAXY CLUSTERS AT $Z>0.3$
observer	Dr Harald Ebeling
object	MACSJ1319.9+7003
dtcycle	0
cycle	P
ra_targ	200.035417
dec_targ	70.0775
ra_nom	200.10365806615
dec_nom	70.062475444647
roll_nom	331.06116480301
revision	2
ontime	21907.699957877
livetime	21621.459729714
ontime0	21898.277037263
ontime1	21901.418017387
ontime2	21907.699957877
ontime3	21907.699957877
ontime6	21907.699957877
l2events	81680



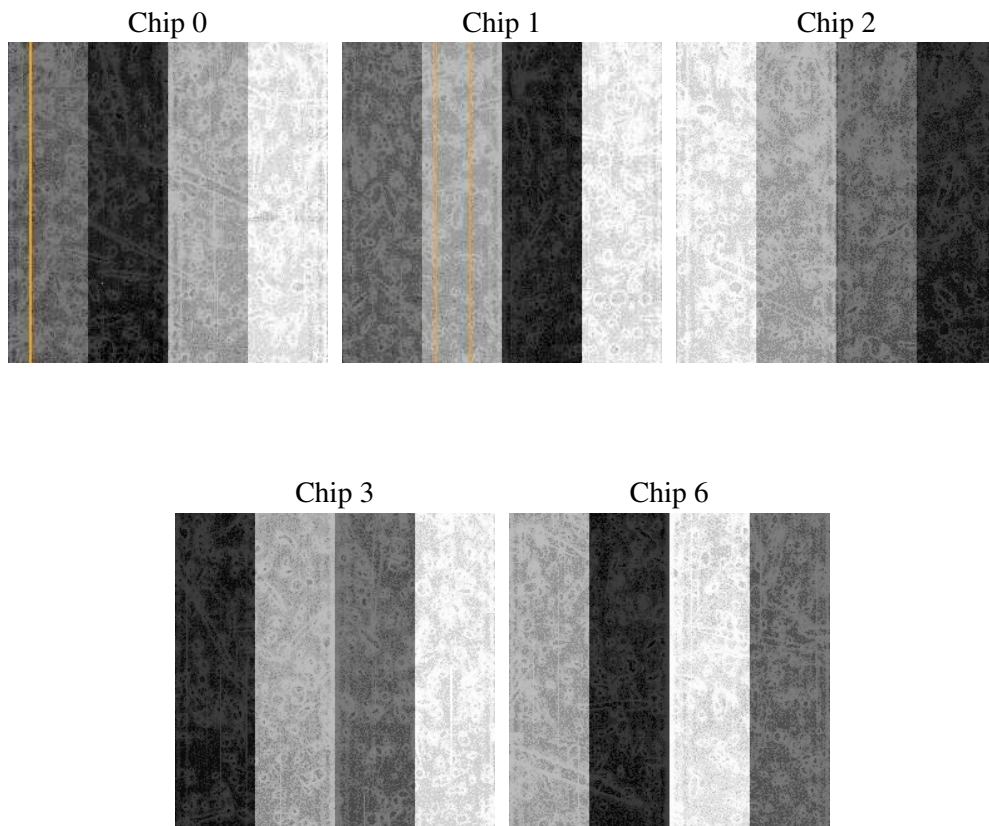
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.9
caldbver	3.2.3
date	2006-10-04T10:15:48
revision	2

sched_exp_time	21786.759000
ontime	21911.621055841
ontime0	21902.198135227
ontime1	21905.339115351
ontime2	21911.621035933
ontime3	21911.621055841
ontime6	21911.621035933
l1events	623246

2.1.4 Events

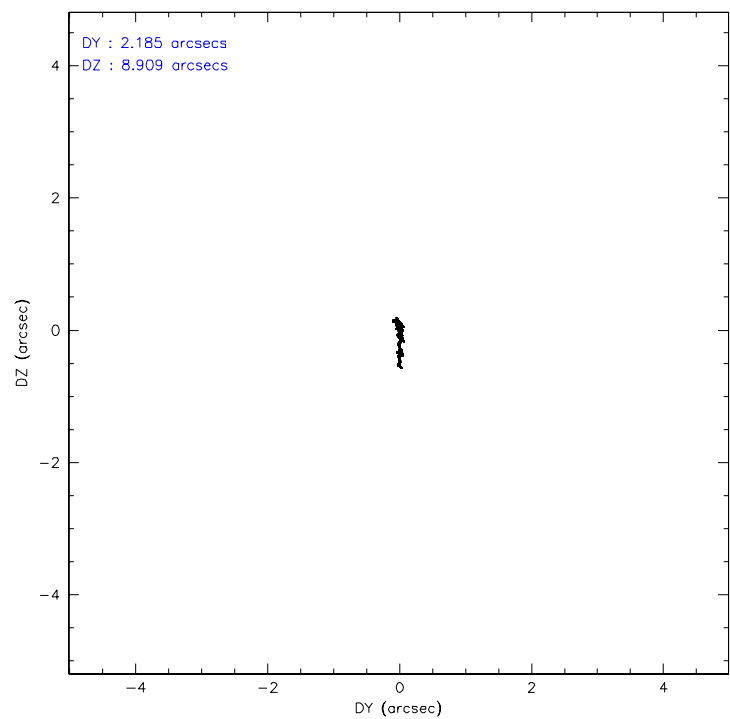
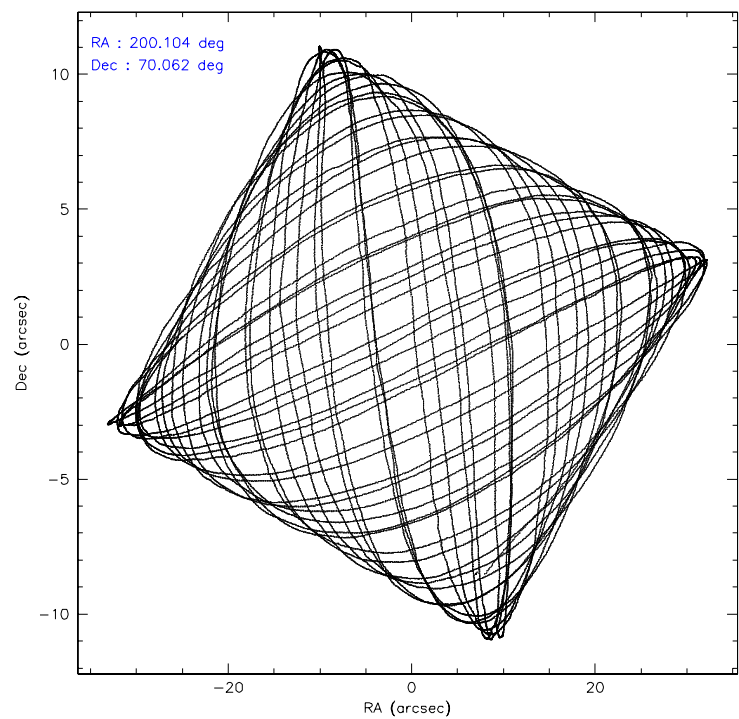
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	115650	118988	131450	130474	126684
rejected events	99127	98347	114599	109693	107772
rejected %	85%	82%	87%	84%	85%

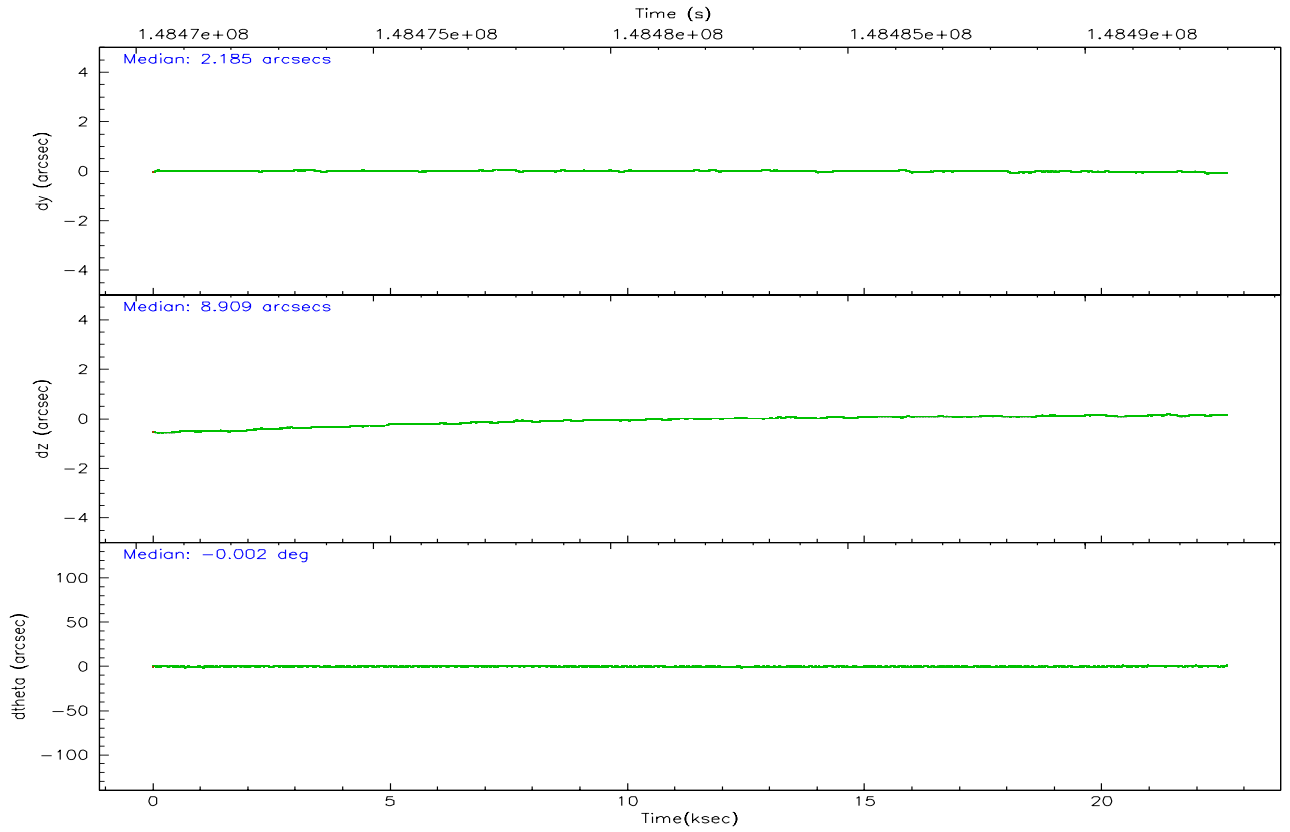
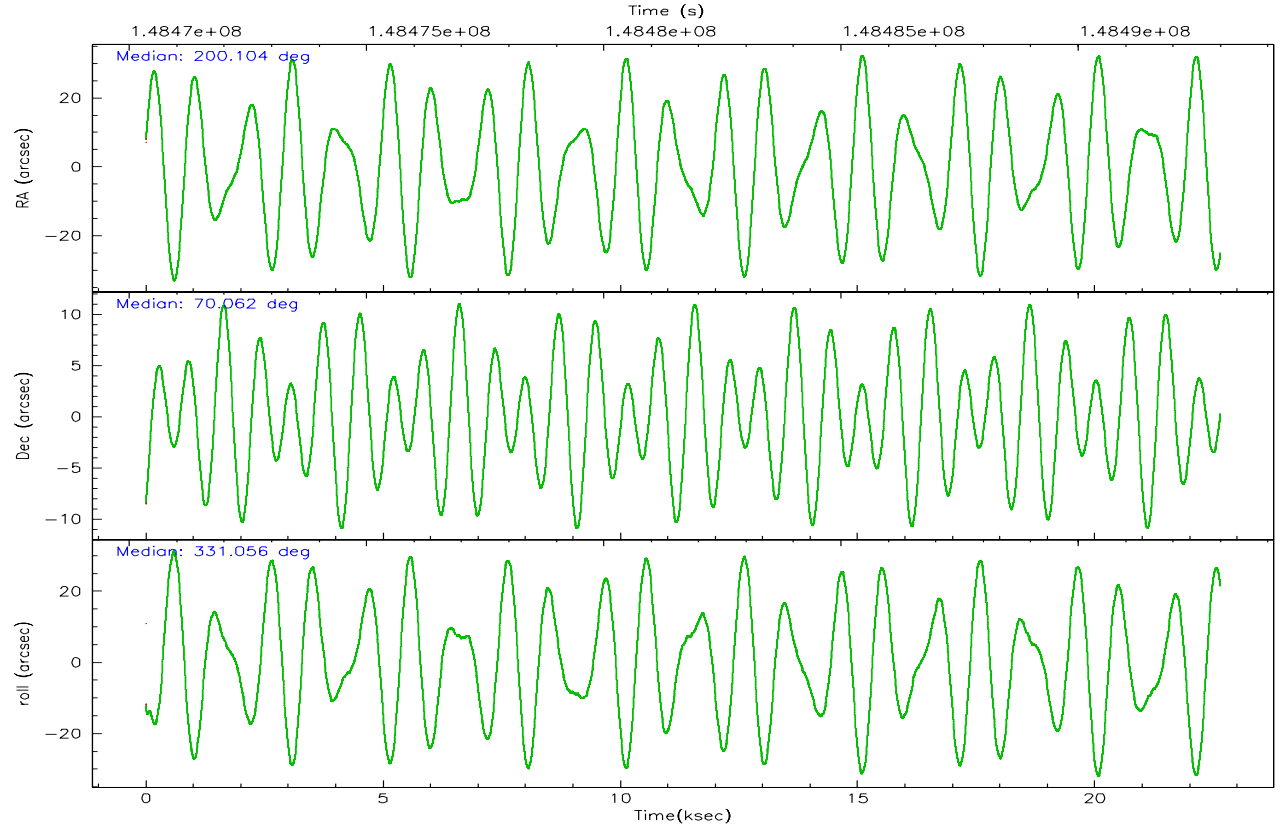
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	7830	10753	8375	11756	9878
	6%	9%	6%	9%	7%
grade 1 events	71	99	83	103	72
	0%	0%	0%	0%	0%
grade 2 events	3166	3524	3228	3374	3091
	2%	2%	2%	2%	2%
grade 3 events	1574	1758	1451	1587	1645
	1%	1%	1%	1%	1%
grade 4 events	1451	1706	1584	1610	1555
	1%	1%	1%	1%	1%
grade 5 events	3864	4288	3816	4484	4506
	3%	3%	2%	3%	3%
grade 6 events	2504	2901	2214	2458	2745
	2%	2%	1%	1%	2%
grade 7 events	95190	93959	110699	105102	103192
	82%	78%	84%	80%	81%

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	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	200.023316	200.1036580661538	Subarray requested	NONE	NONE
Pointing Dec	70.061865	70.06247544464722	Alternating exposures requested	N	N
Pointing Roll	330.928010	331.0611648030136	Primary exposure time	0.000000	3.1
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-229.442463	-229.4438428438578			
SIM translation stage offset (mm)	-4.15	-4.148610159071865			
Observation start time	148471212.184000	148469914.71823			
Observation start date	2002-09-15T09:59:08	2002-09-15T09:38:34			
Observation end time	148492998.184000	148493312.9067			
Observation end date	2002-09-15T16:02:14	2002-09-15T16:08:32			
Read mode	TIMED	TIMED			

2.3 Aspect



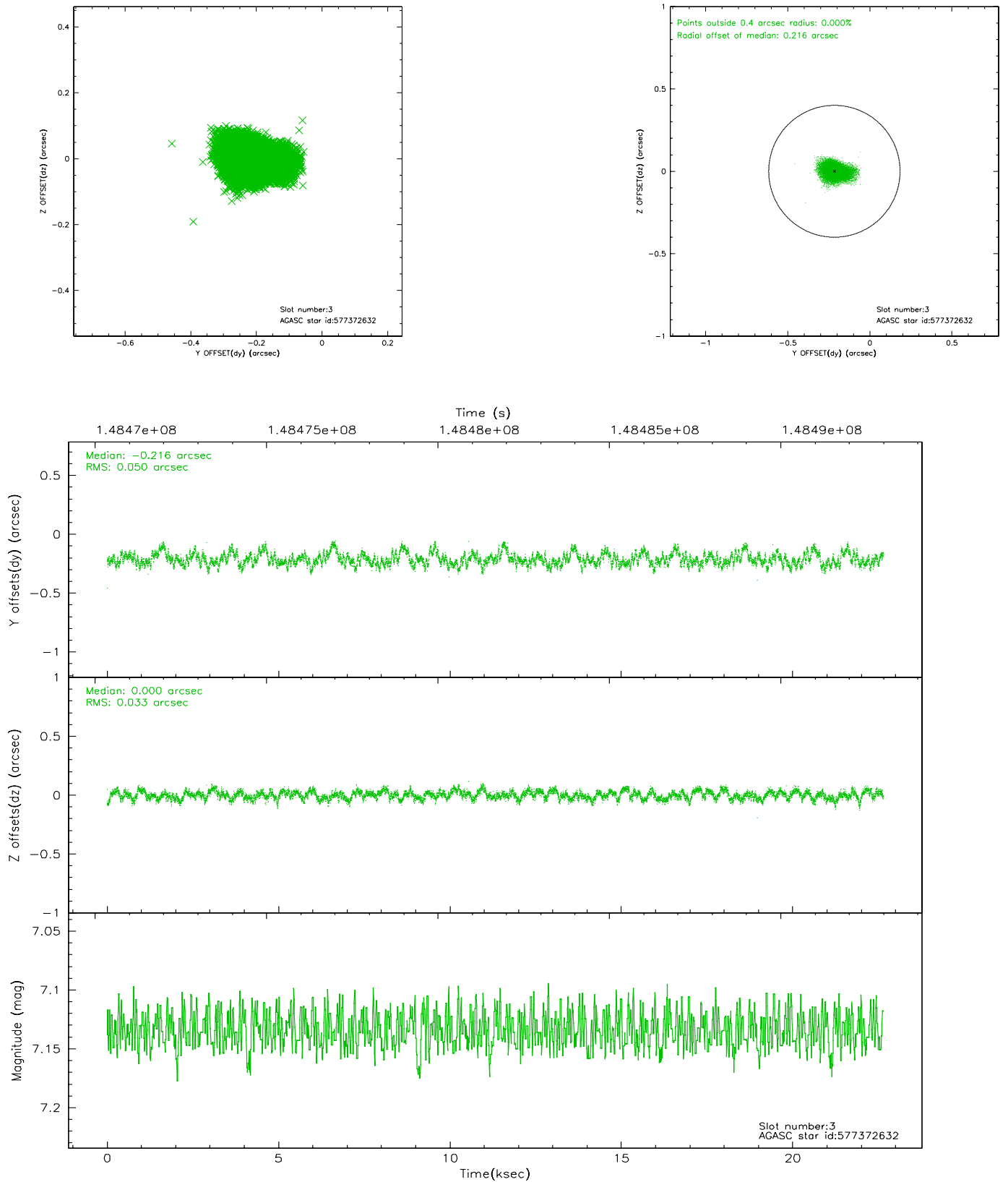


Slot Statistics

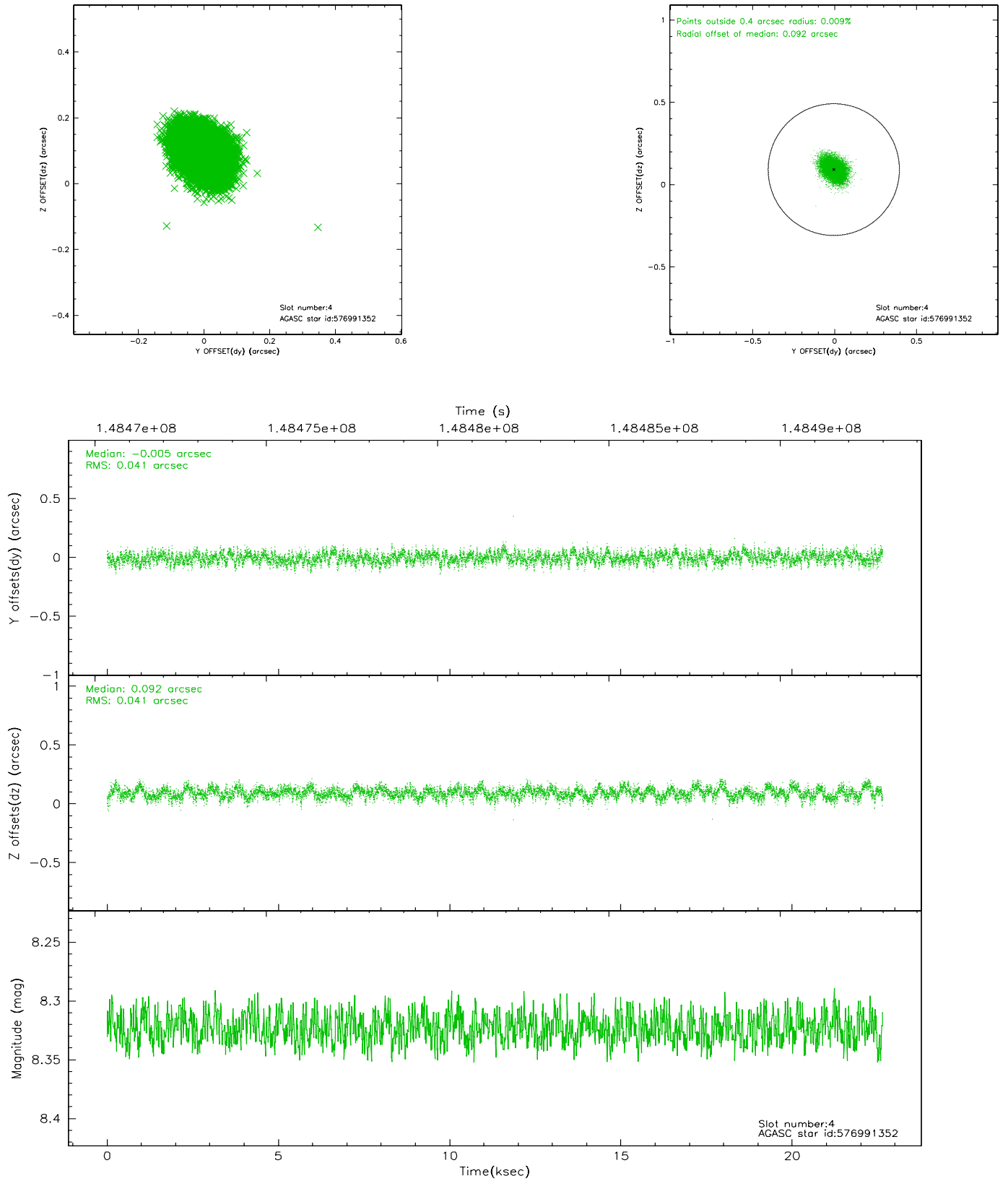
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	5522	-0.027	0.078	0.008	0.013	0.000000	0.000000	937.52	-917.32
1	FID	ACIS-I-5	7.24	5522	-0.088	0.024	0.006	0.011	0.000000	0.000000	-1810.55	980.04
2	FID	ACIS-I-6	7.26	5523	0.024	-0.032	0.009	0.015	0.000000	0.000000	402.97	1624.65
3	GUIDE	577372632	7.13	11043	-0.216	0.000	0.062	0.106	202.016755	70.126112	1999.01	1422.08
4	GUIDE	576991352	8.32	11038	-0.005	0.092	0.062	0.099	200.066423	69.635645	792.24	-1314.84
5	GUIDE	577242400	9.73	11037	0.093	-0.040	0.141	0.233	199.466596	70.879672	-2006.56	2256.27
6	GUIDE	577248576	9.76	11038	0.097	0.041	0.154	0.239	199.507403	70.187981	-772.95	93.15
7	GUIDE	577386592	7.63	11043	0.006	-0.095	0.063	0.098	201.800439	70.316487	1421.49	1875.32

2.4 Star Slots

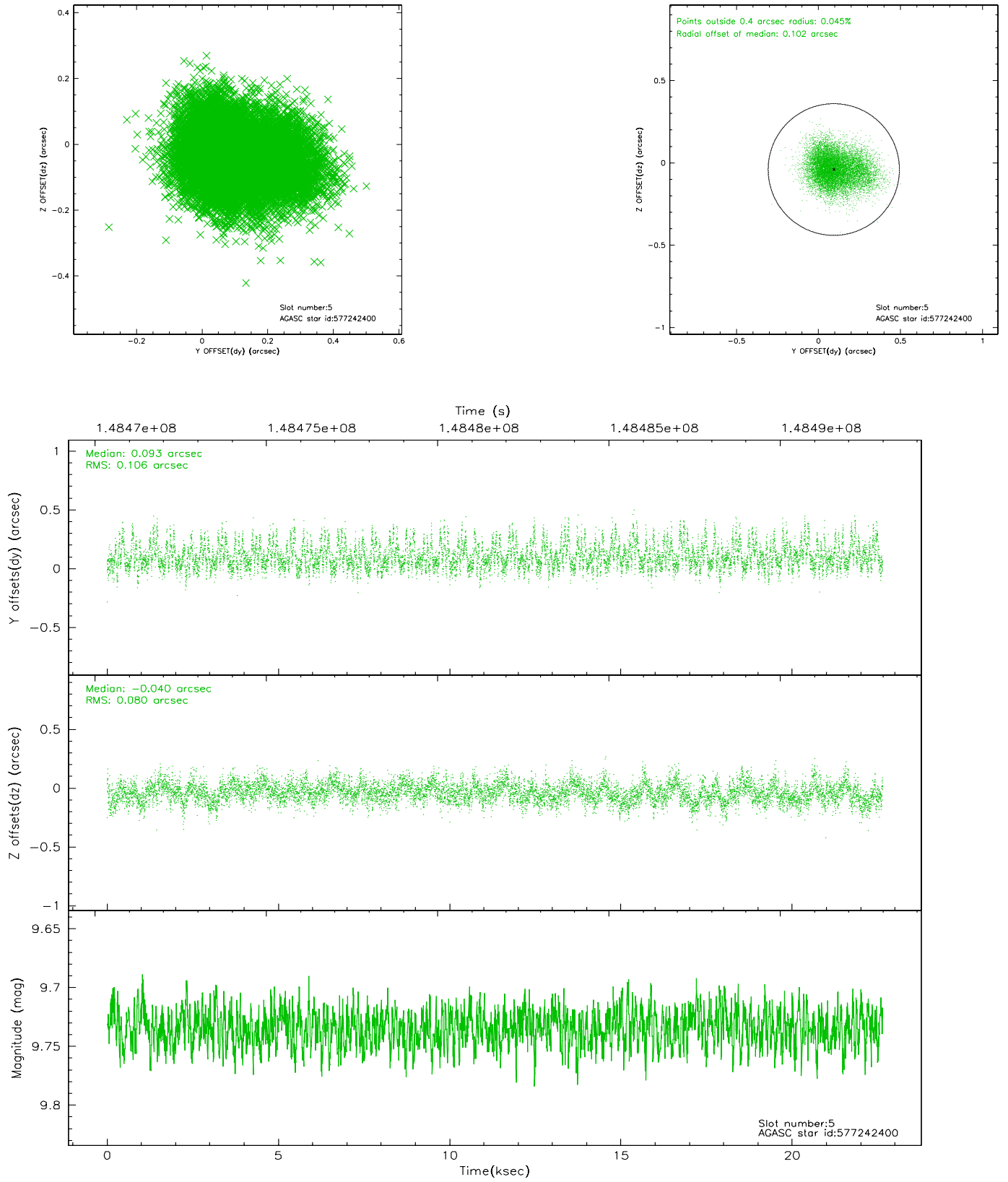
2.4.1 Slot 3



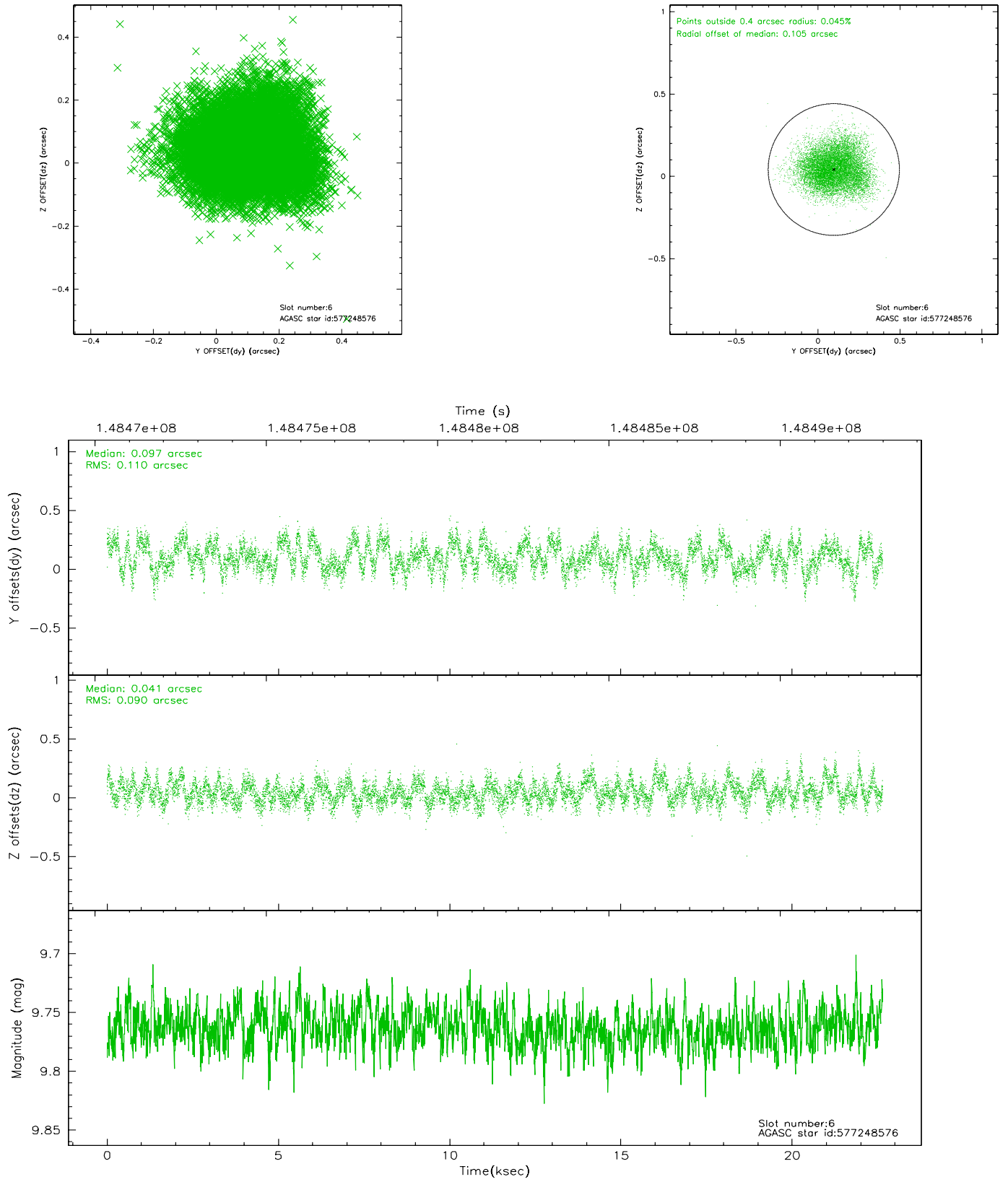
2.4.2 Slot 4



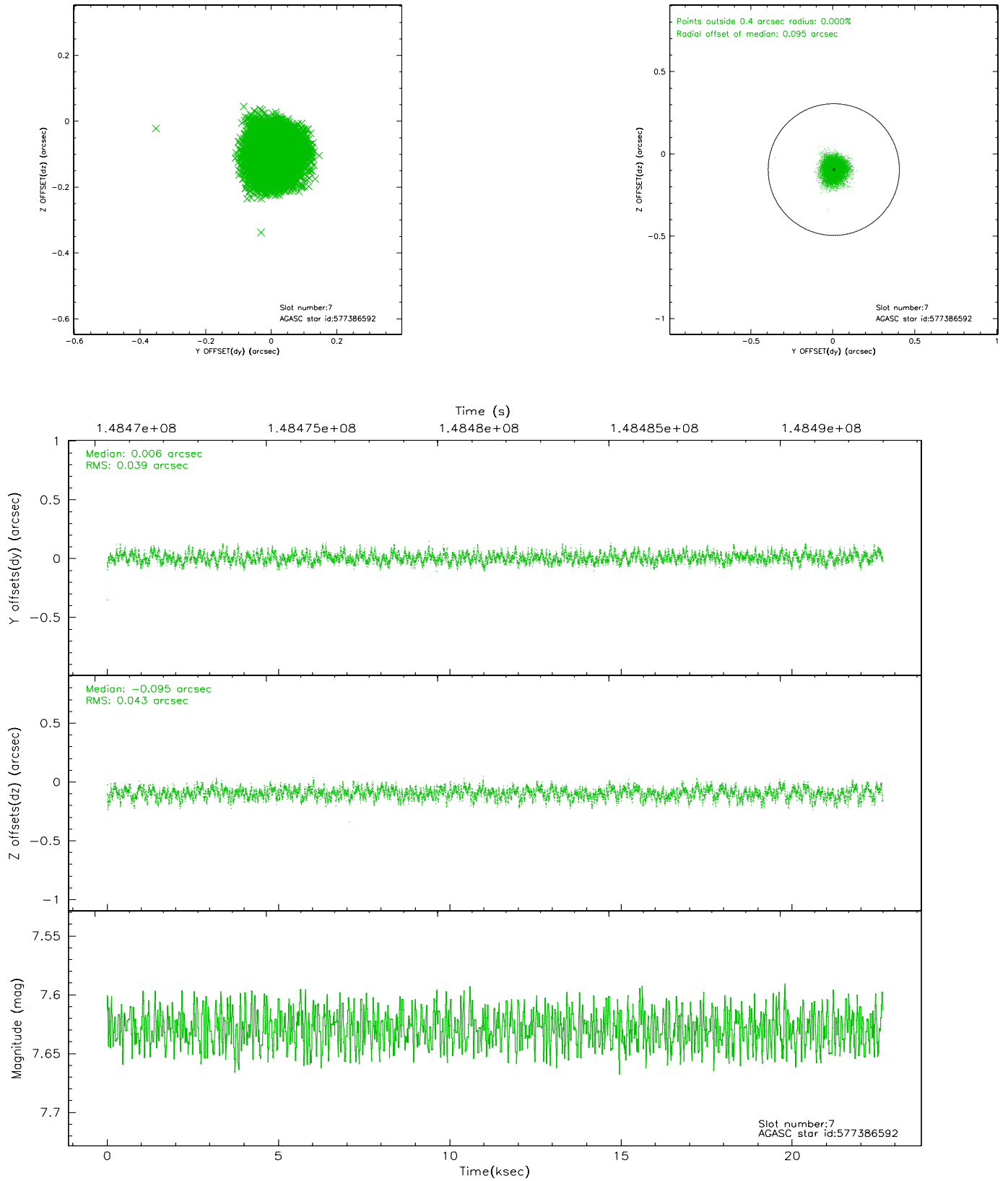
2.4.3 Slot 5



2.4.4 Slot 6

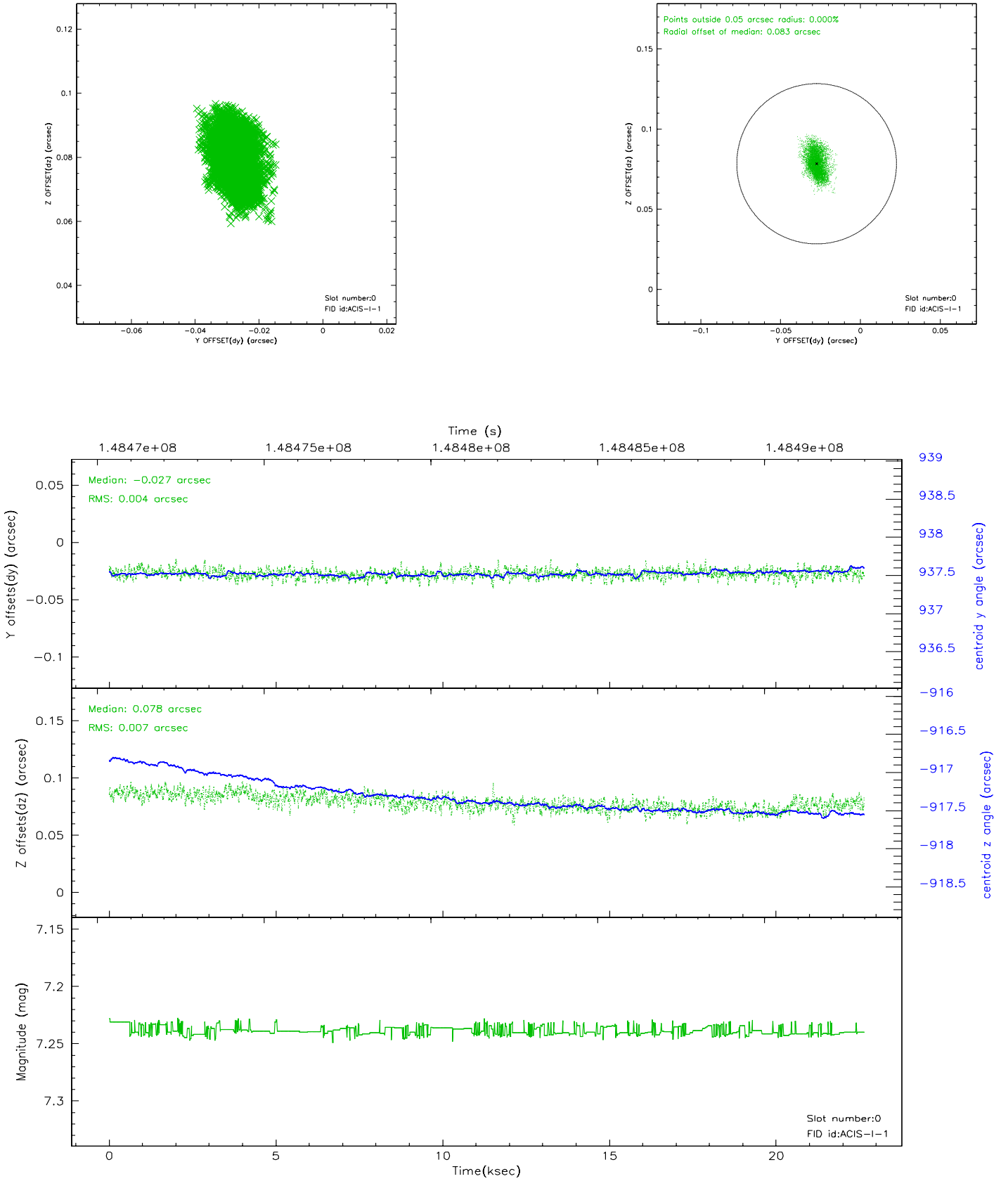


2.4.5 Slot 7

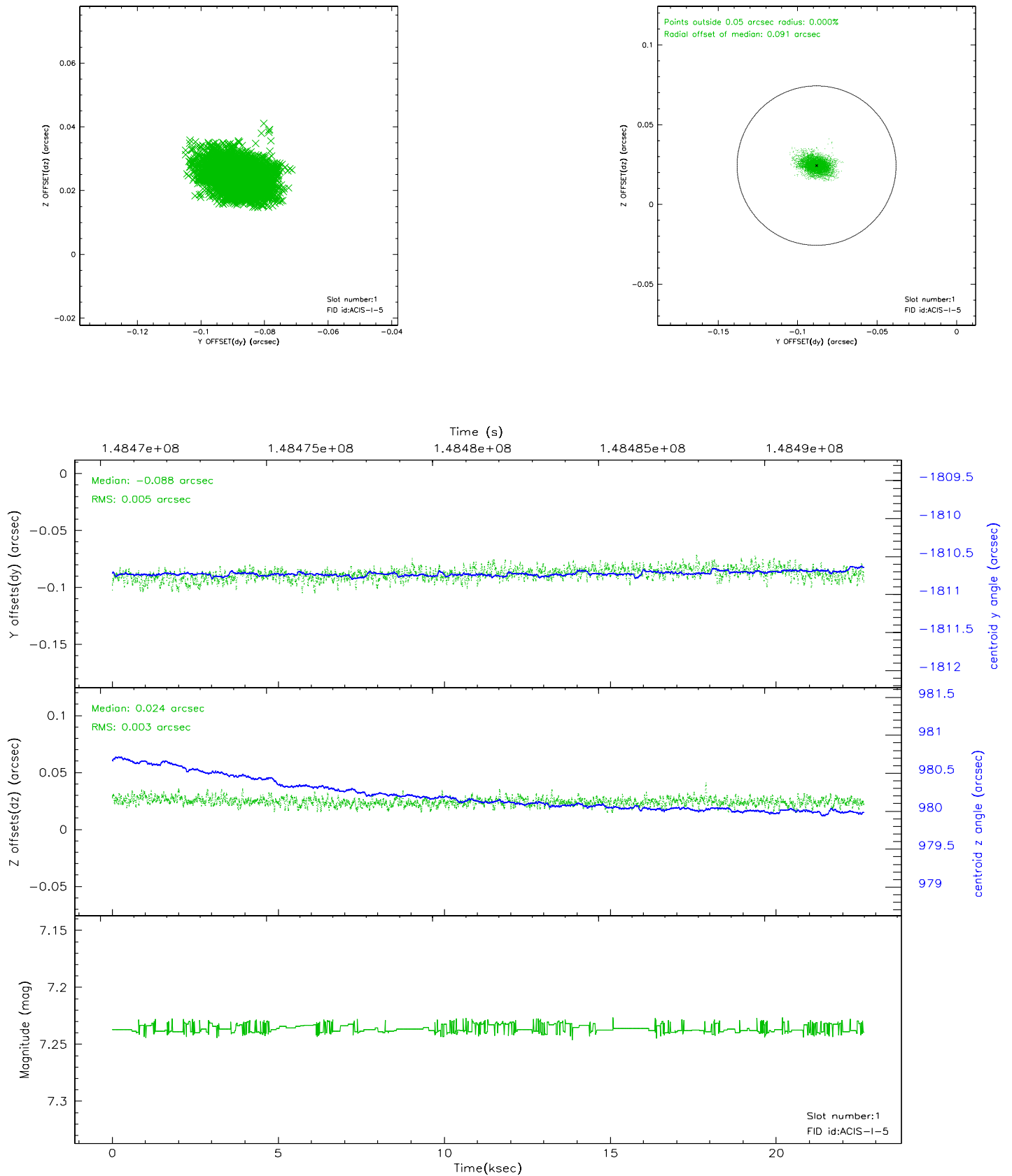


2.5 FID Slots

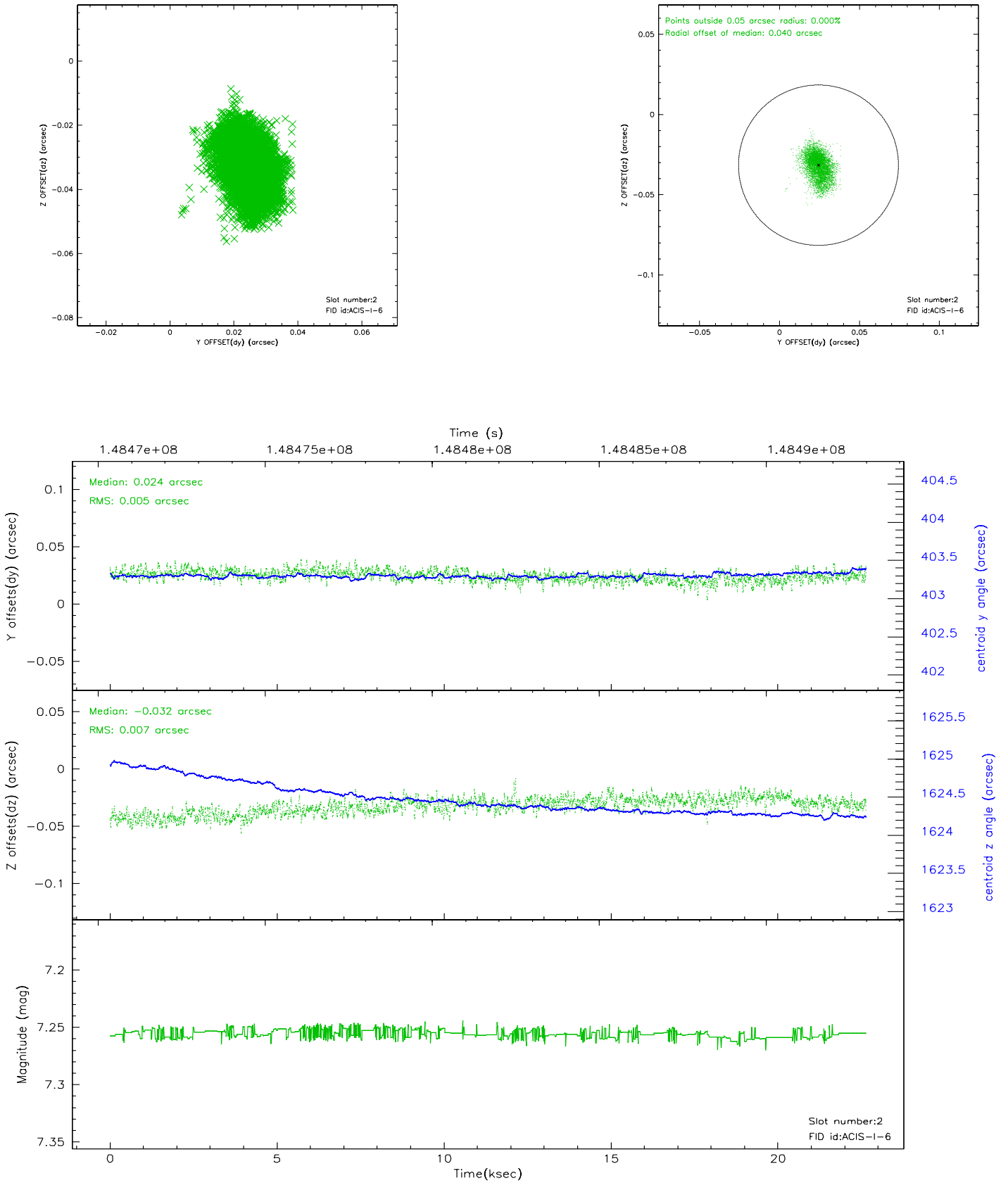
2.5.1 Slot 0



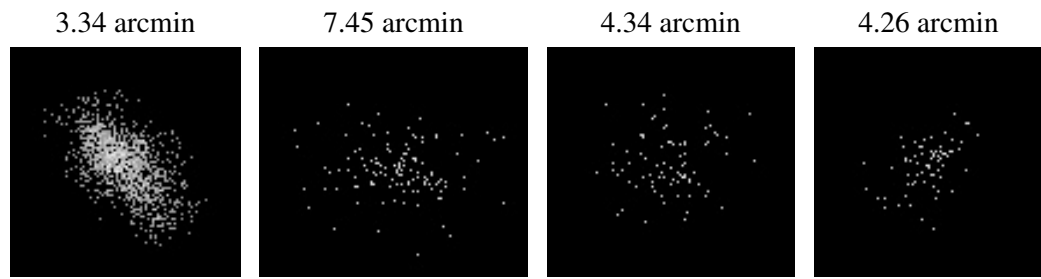
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.10.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	21.907

A.2 Comments