

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 7171 - L2 Version 002
Chandra X-Ray Center

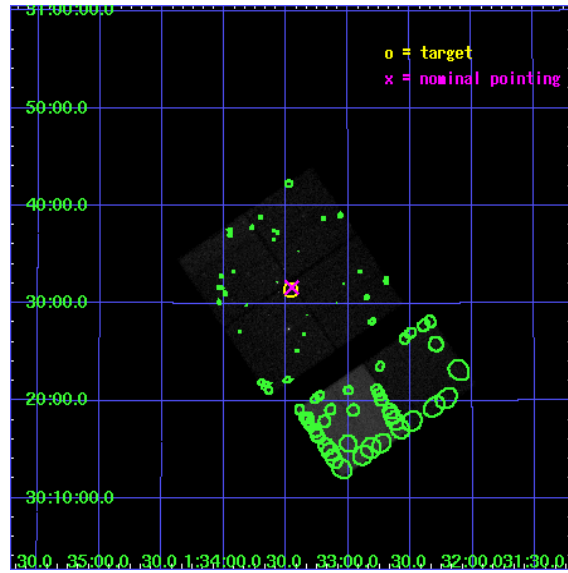
L2 Processing Date : Mar 26 2006

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1 Front

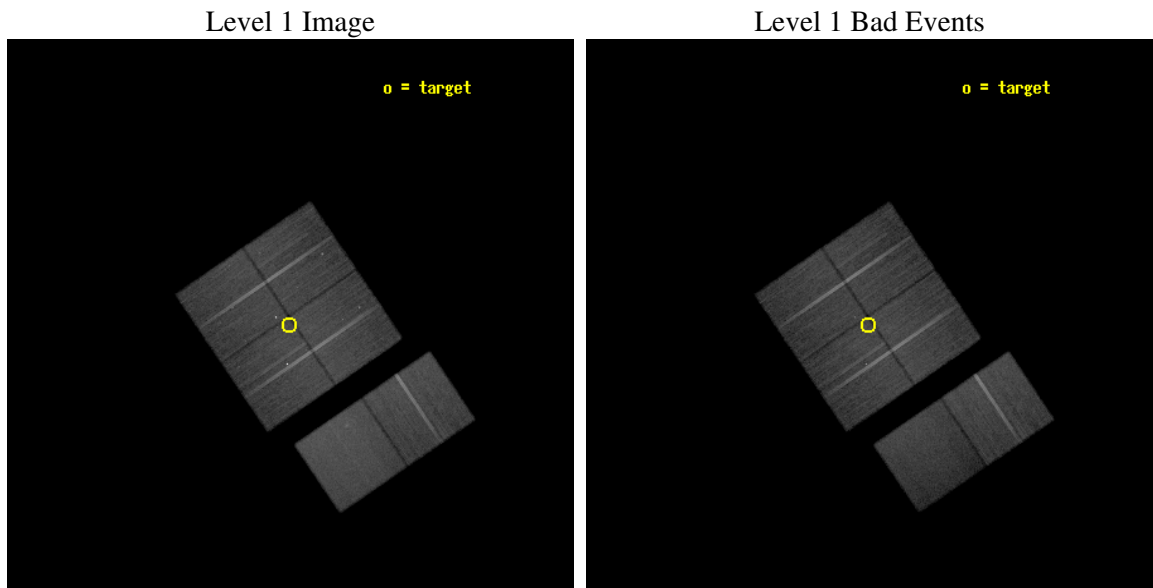
seq_num	600486
obs_id	7171
title	The Chandra ACIS Survey of M33 (ChASeM33): A Deep Survey of the Nearest Face-on Spiral Galaxy
observer	Dr Manami Sasaki
object	M33 Field 5
dtcycle	0
cycle	P
ra_targ	23.36625
dec_targ	30.523694
ra_nom	23.363354018934
dec_nom	30.527581125551
roll_nom	145.71015757227
revision	2
ontime	38175.917847216
livetime	37692.511388657
ontime0	38179.15884757
ontime1	38182.399857759
ontime2	38175.917907
ontime3	38175.917847216
ontime6	38182.399857759
ontime7	38182.399857759
l2events	217309



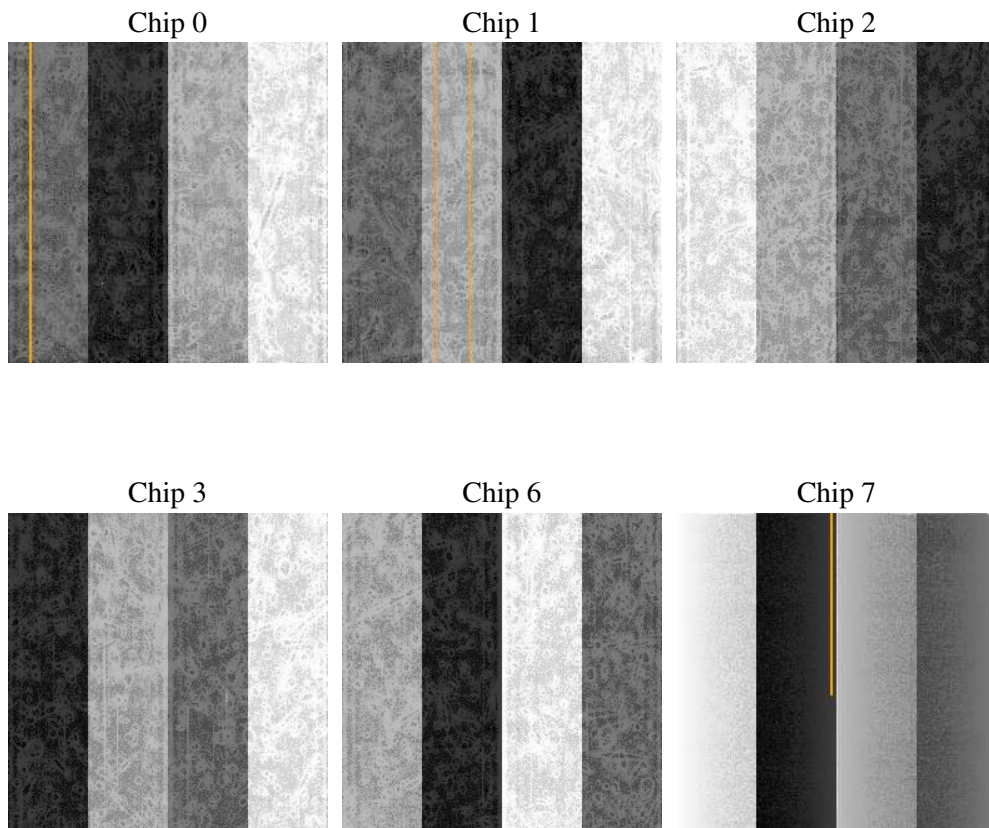
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.1
caldsver	3.2.1
date	2006-03-26T05:46:53
revision	2

sched_exp_time	38000.000000
ontime	38856.539277554
ontime0	38859.780268013
ontime1	38863.021278203
ontime2	38856.539337337
ontime3	38856.539277554
ontime6	38863.021288097
ontime7	38863.021288097
l1events	1421709

2.1.4 Events

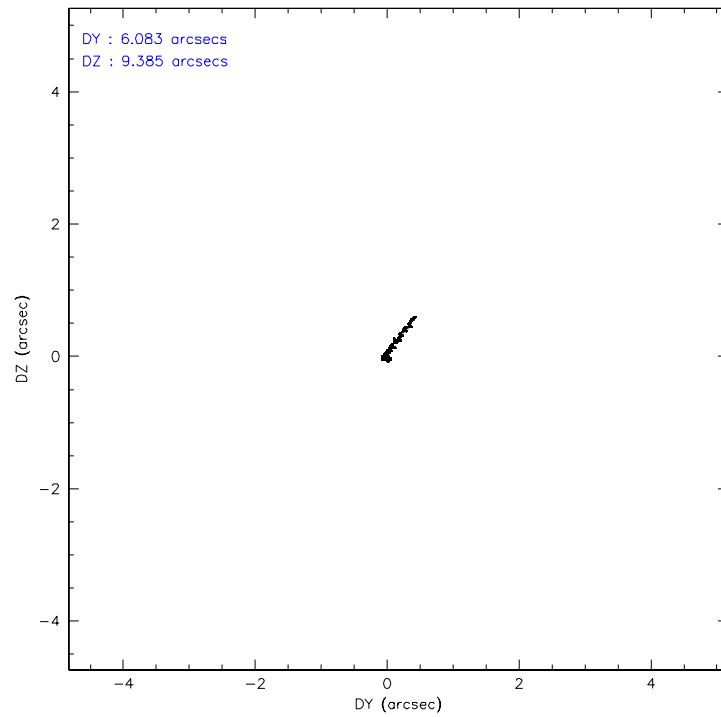
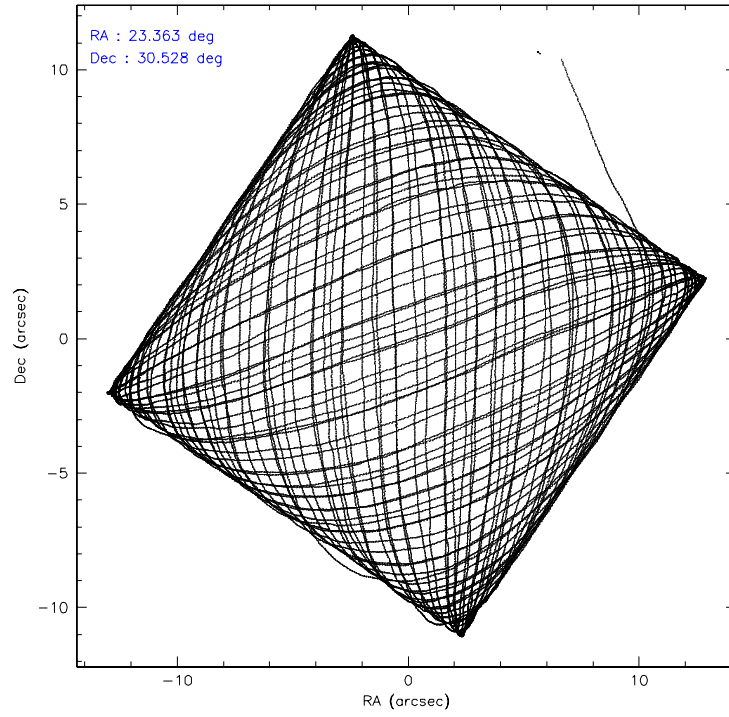
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	218213	220449	240824	237014	240755	264454
rejected events	193746	190183	218022	206511	216409	157299
rejected %	88%	86%	90%	87%	89%	59%

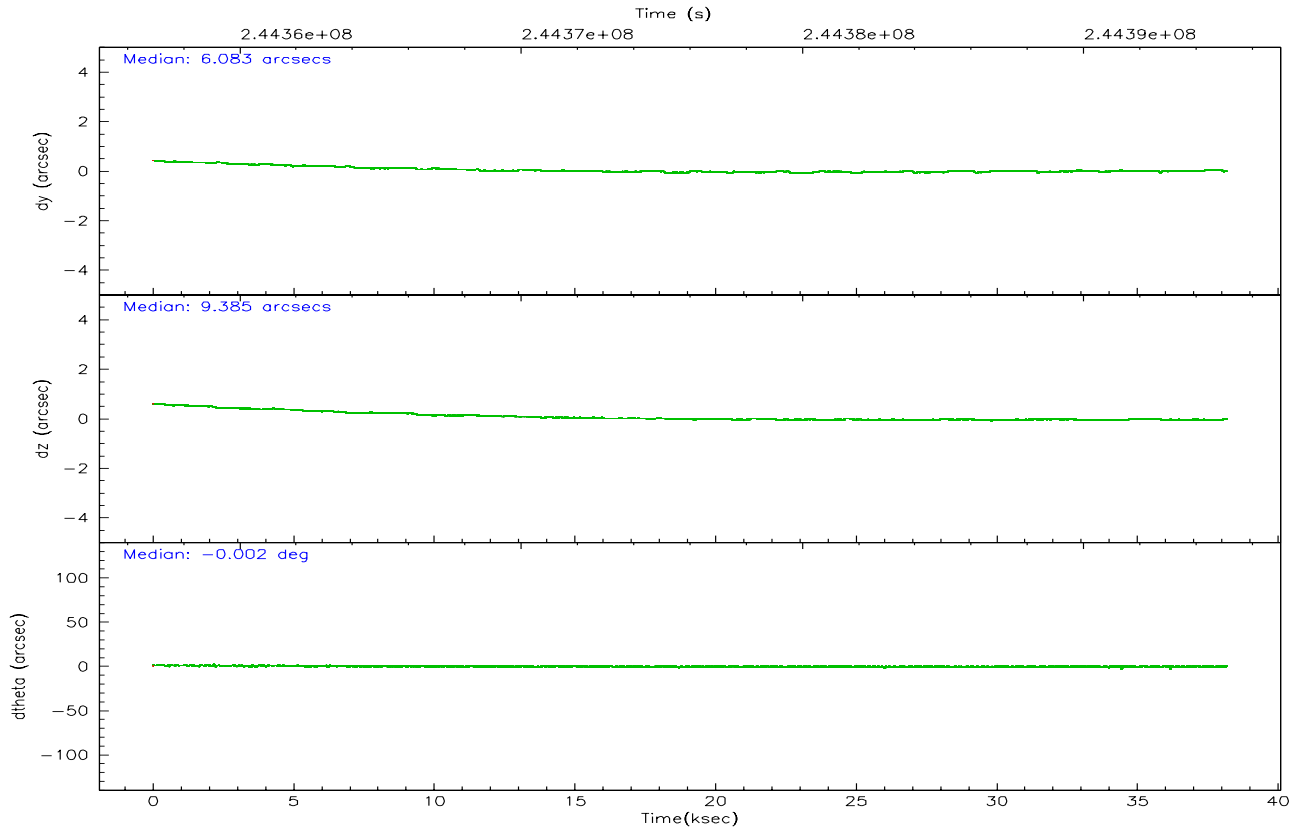
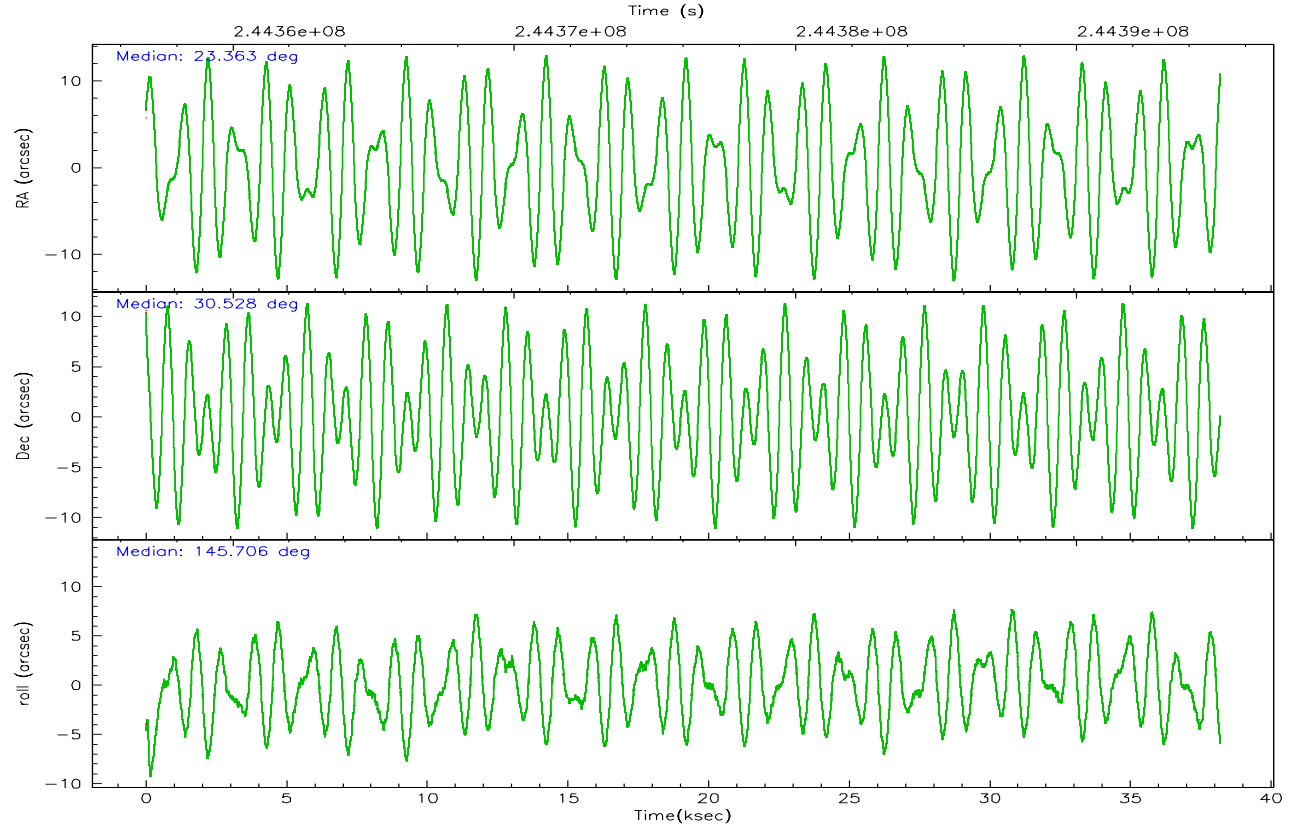
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	9610	13086	8614	14759	8574	5732
	4%	5%	3%	6%	3%	2%
grade 1 events	125	194	133	496	110	109
	0%	0%	0%	0%	0%	0%
grade 2 events	5647	6118	5448	5805	5329	27118
	2%	2%	2%	2%	2%	10%
grade 3 events	2703	2996	2409	2813	2725	6057
	1%	1%	1%	1%	1%	2%
grade 4 events	2412	3076	2638	2830	2672	5808
	1%	1%	1%	1%	1%	2%
grade 5 events	8058	8990	7534	9560	9877	19704
	3%	4%	3%	4%	4%	7%
grade 6 events	4551	5453	4110	4741	5487	64392
	2%	2%	1%	2%	2%	24%
grade 7 events	185107	180536	209938	196010	205981	135534
	84%	81%	87%	82%	85%	51%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-012367	ACIS-012367	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	23.395045	23.36335401893396	Alternating exposures requested	N	N
Pointing Dec	30.525656	30.52758112555074	Primary exposure time	0.000000	3.2
Pointing Roll	145.485377	145.710157572267			
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	244357101.184000	244355692.8293			
Observation start date	2005-09-29T04:57:17	2005-09-29T04:34:52			
Observation end time	244395101.184000	244396689.24368			
Observation end date	2005-09-29T15:30:37	2005-09-29T15:58:09			
Read mode	TIMED	TIMED			

2.3 Aspect



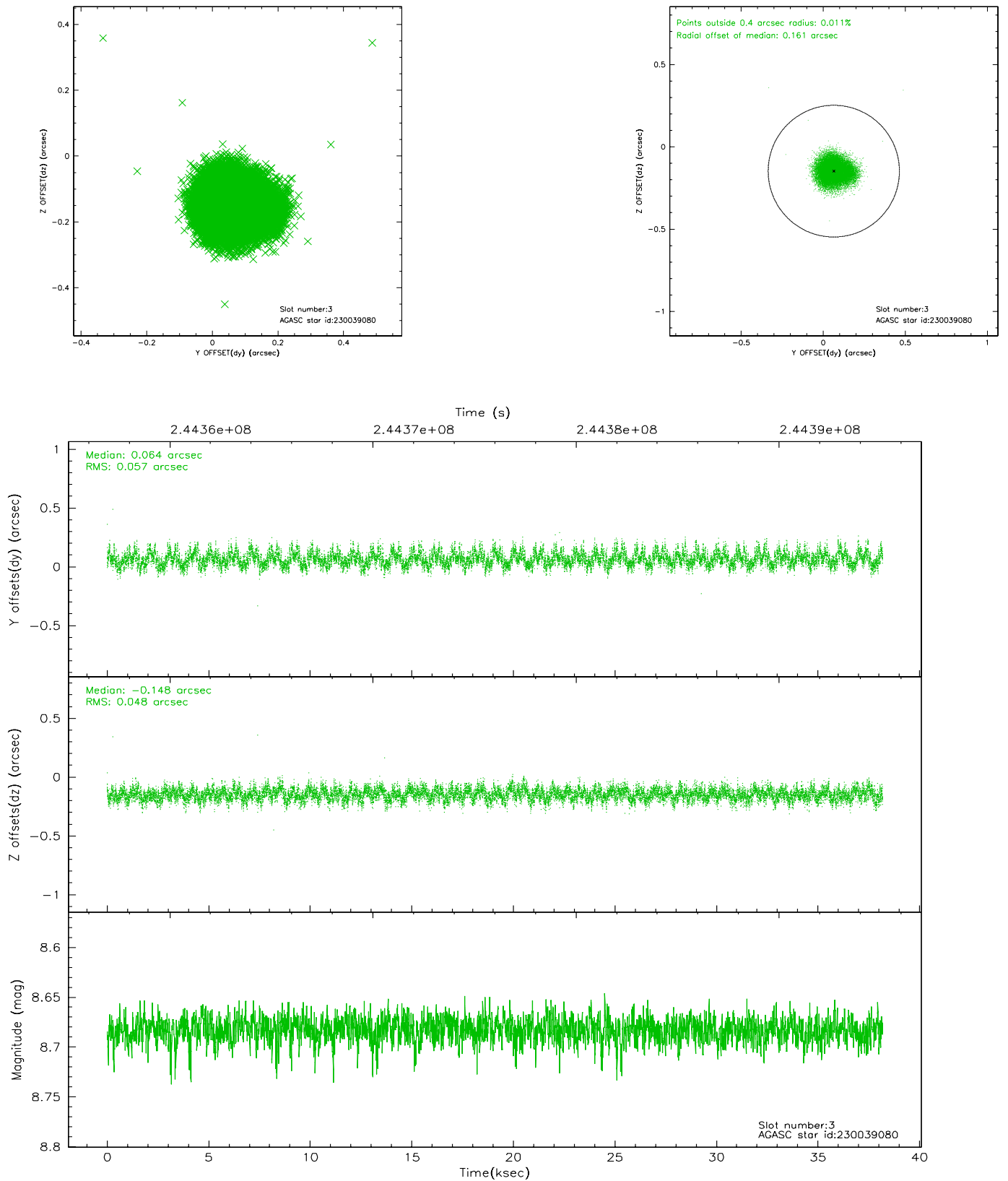


Slot Statistics

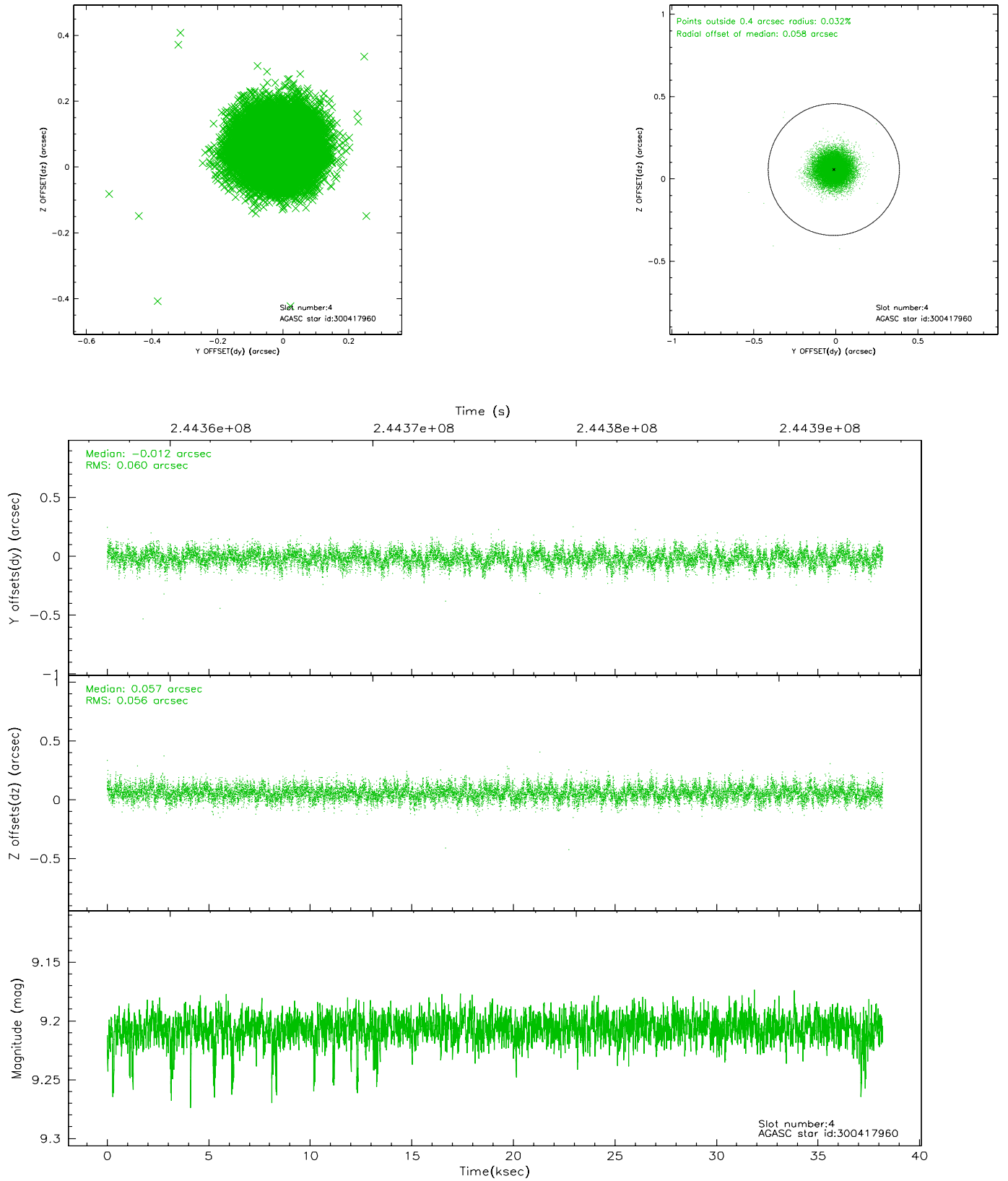
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	9315	-0.015	0.053	0.009	0.018	0.000000	0.000000	933.56	-832.88
1	FID	ACIS-I-5	7.23	9315	-0.124	0.021	0.006	0.010	0.000000	0.000000	-1814.66	1064.55
2	FID	ACIS-I-6	7.26	9315	0.048	-0.004	0.009	0.019	0.000000	0.000000	399.13	1709.07
3	GUIDE	230039080	8.68	18620	0.064	-0.148	0.080	0.126	23.320866	29.887774	-1110.37	2023.25
4	GUIDE	300417960	9.21	18620	-0.012	0.057	0.087	0.141	22.346894	30.364196	2361.86	2311.84
5	GUIDE	300553080	9.05	18617	-0.009	0.093	0.071	0.115	23.777101	30.773227	-467.21	-1405.30
6	GUIDE	300559160	9.40	18616	0.063	0.100	0.115	0.174	24.161026	30.632205	-1732.86	-1667.13
7	GUIDE	300559960	7.88	18627	-0.115	-0.099	0.068	0.109	22.944463	30.624765	1353.35	494.63

2.4 Star Slots

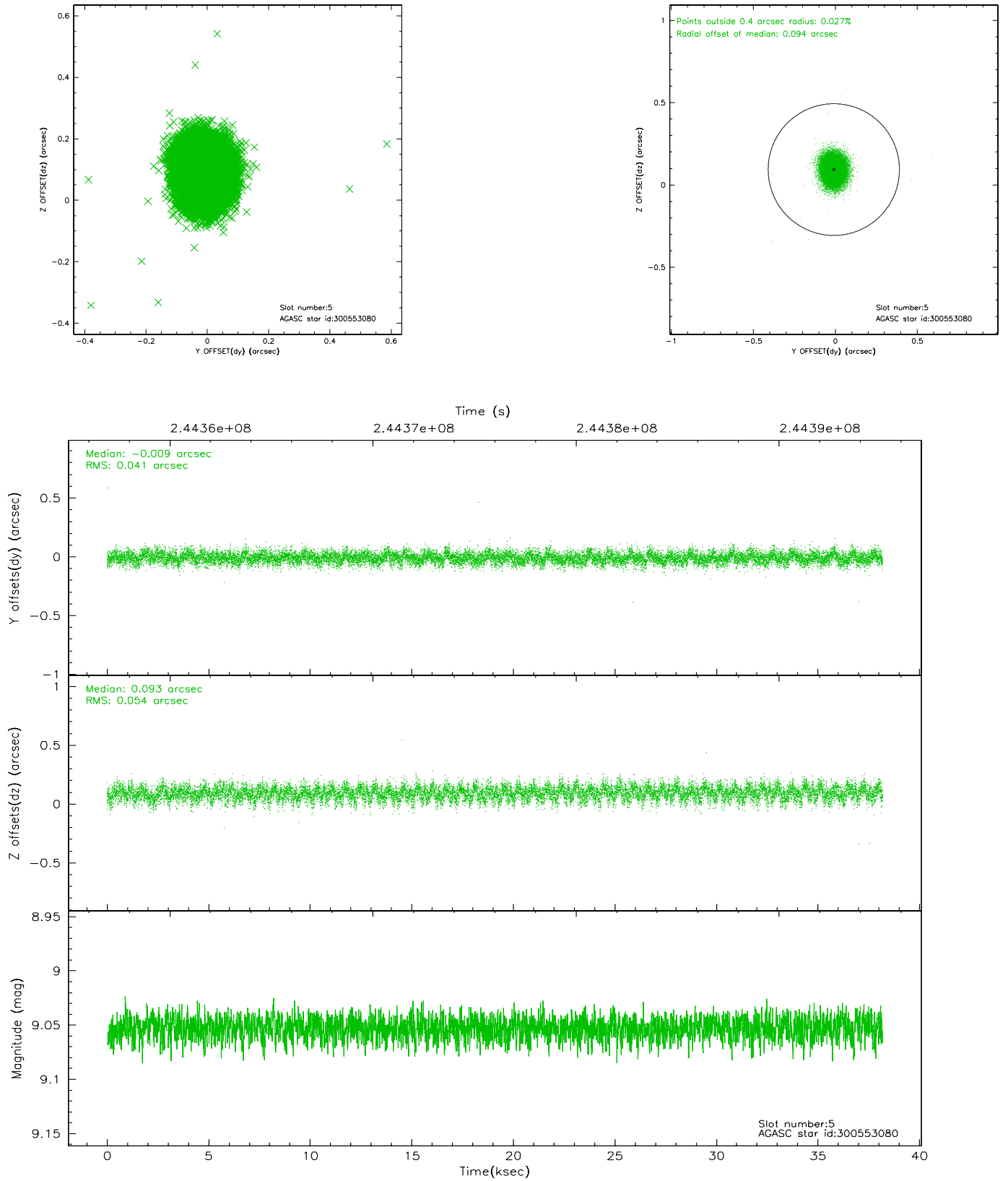
2.4.1 Slot 3



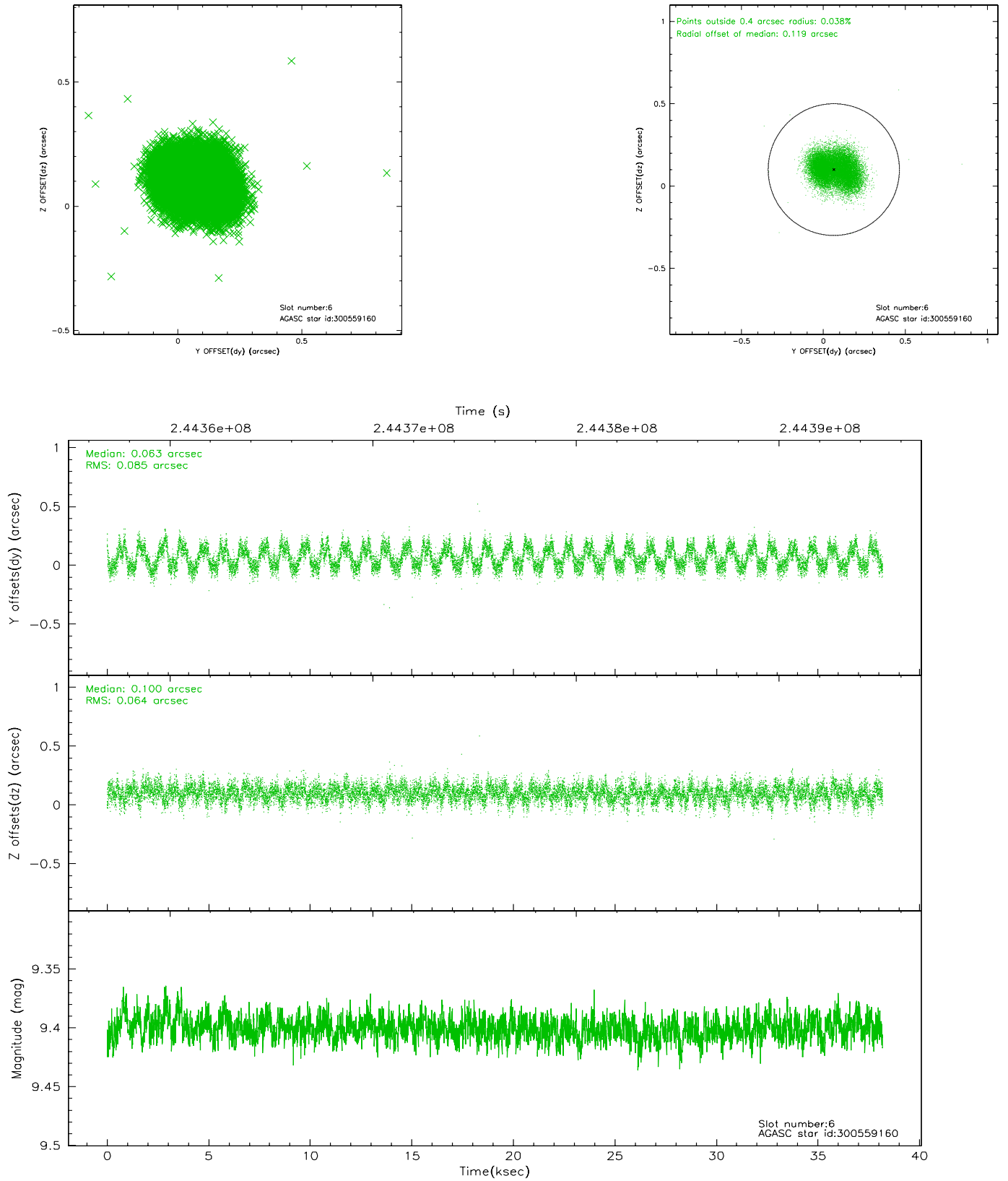
2.4.2 Slot 4



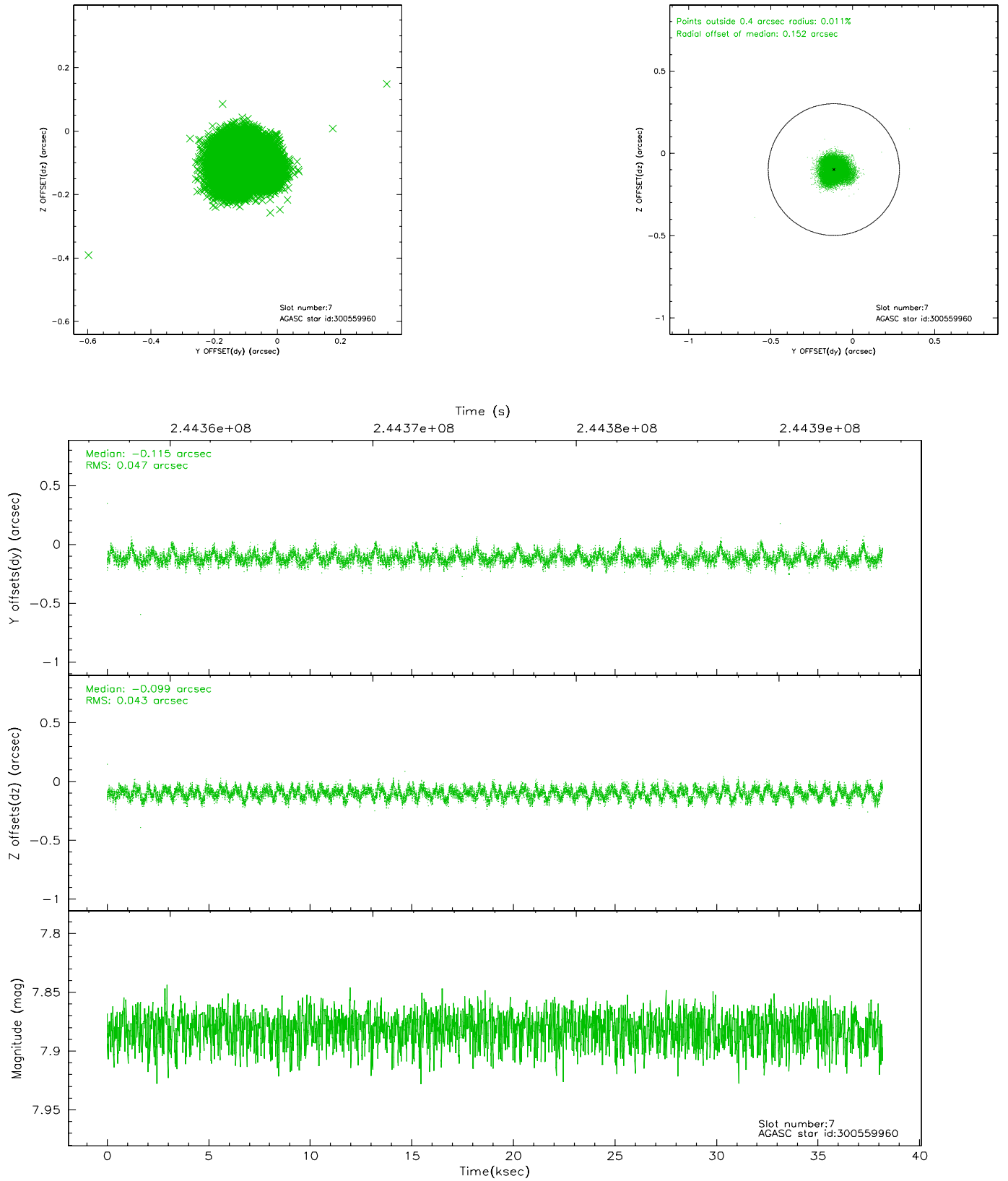
2.4.3 Slot 5



2.4.4 Slot 6

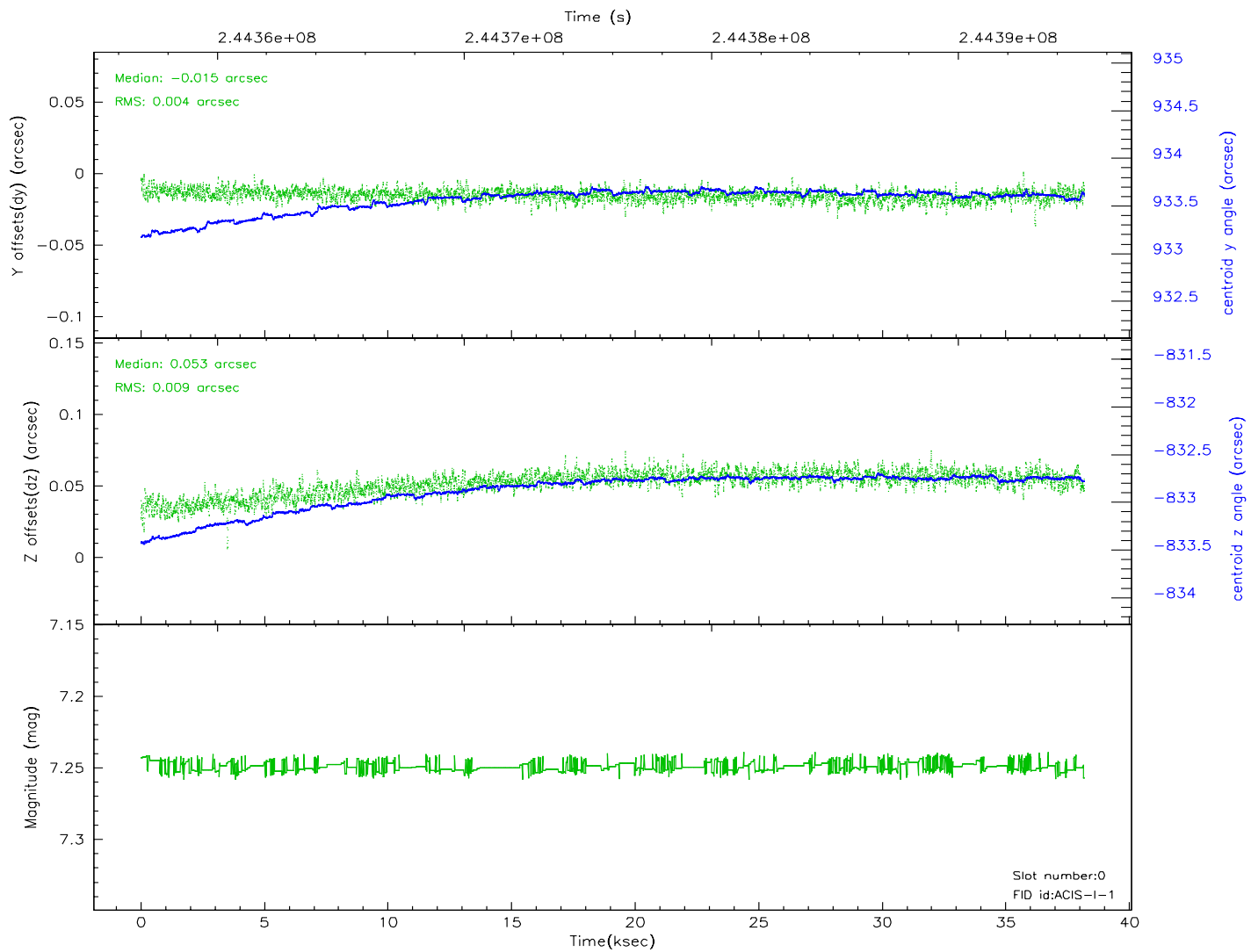
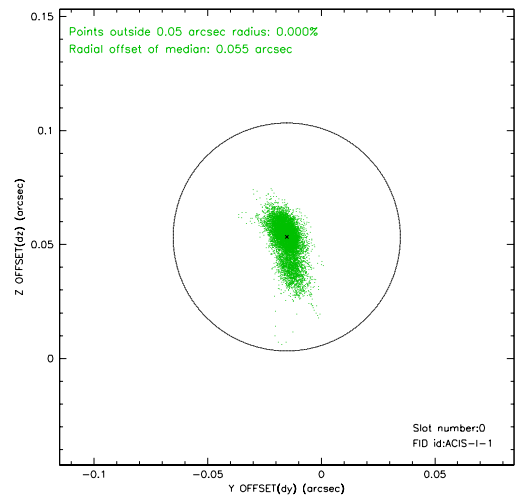
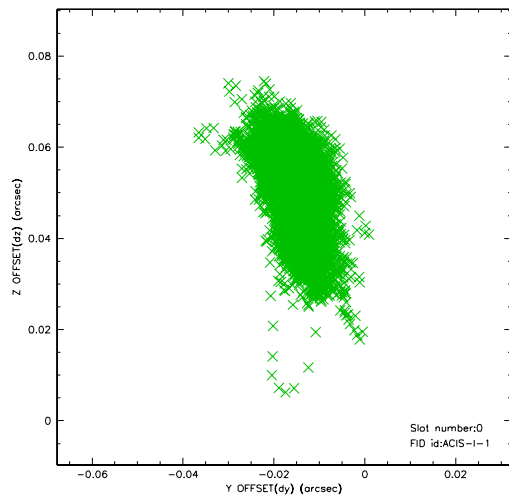


2.4.5 Slot 7

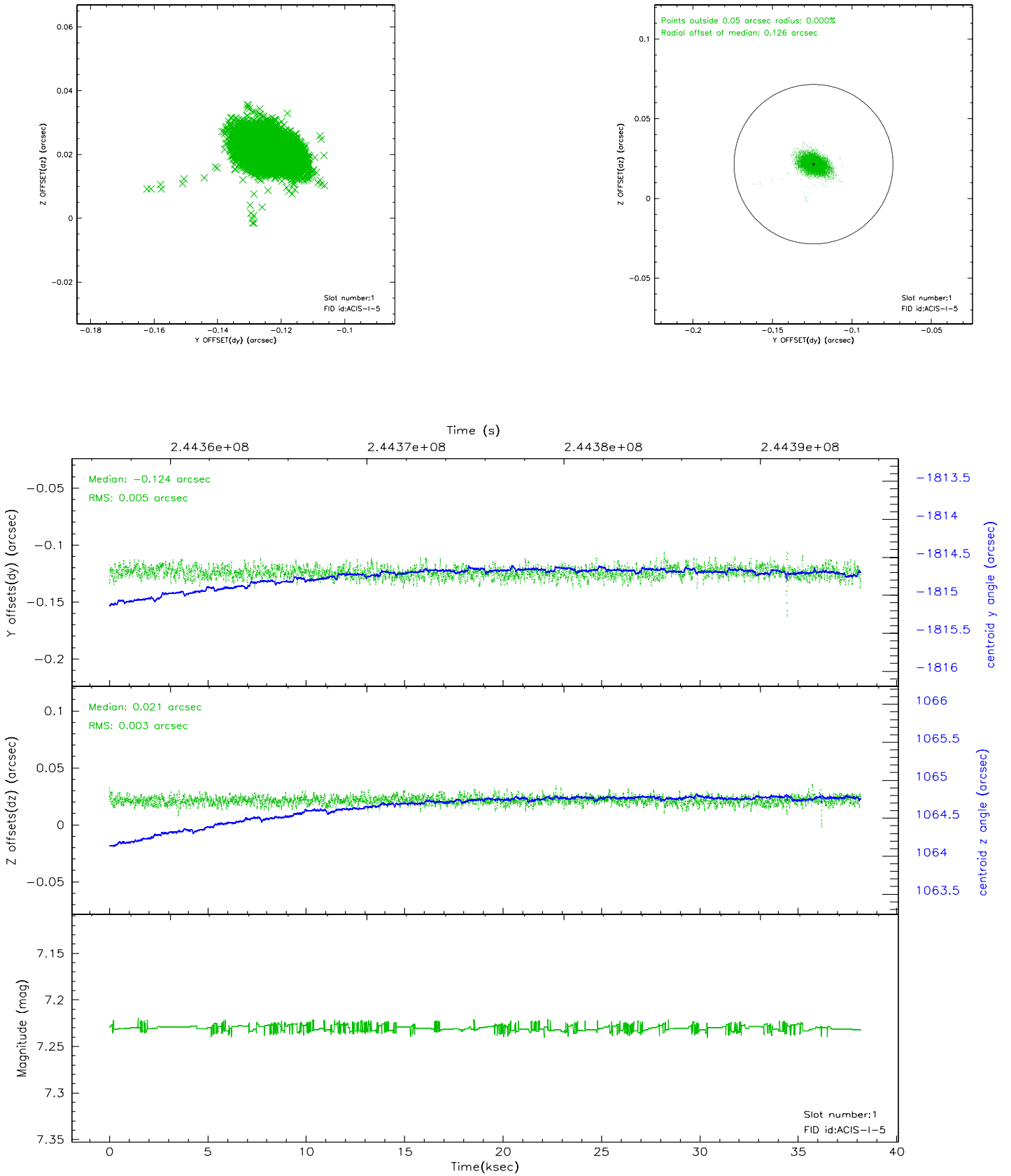


2.5 FID Slots

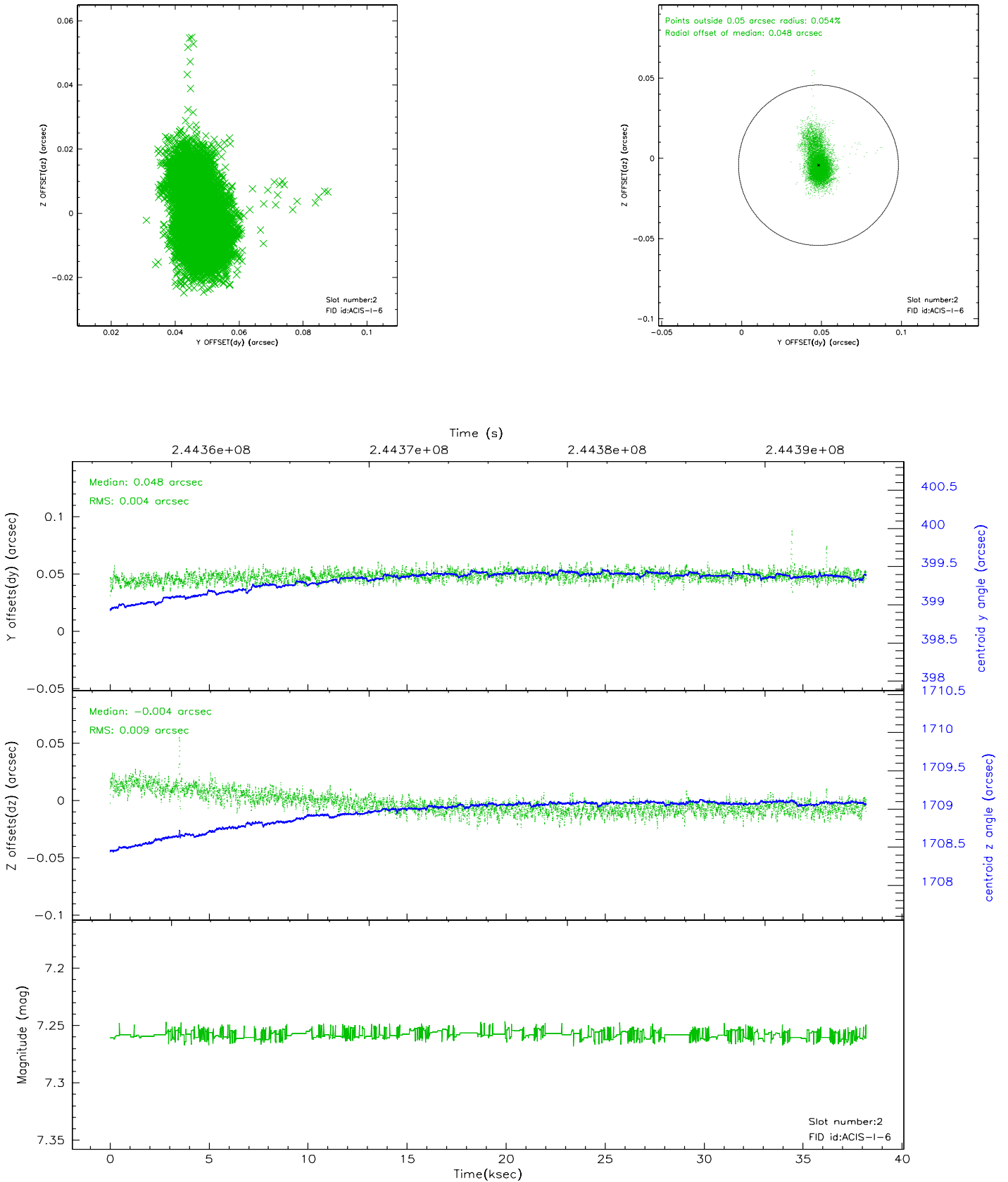
2.5.1 Slot 0



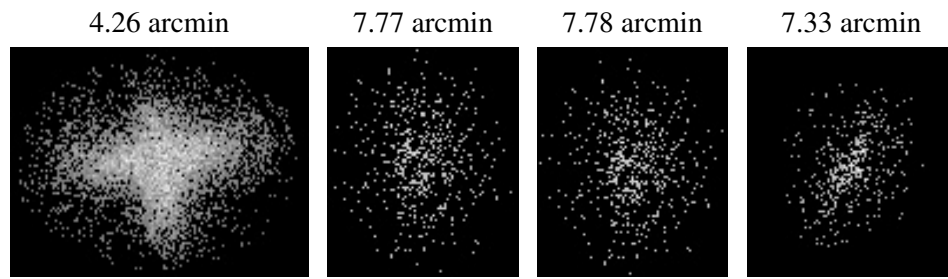
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.03.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	38.17591

A.2 Comments

Focal plane temperature is elevated during most of observation.