

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 6380 - L2 Version 002
Chandra X-Ray Center

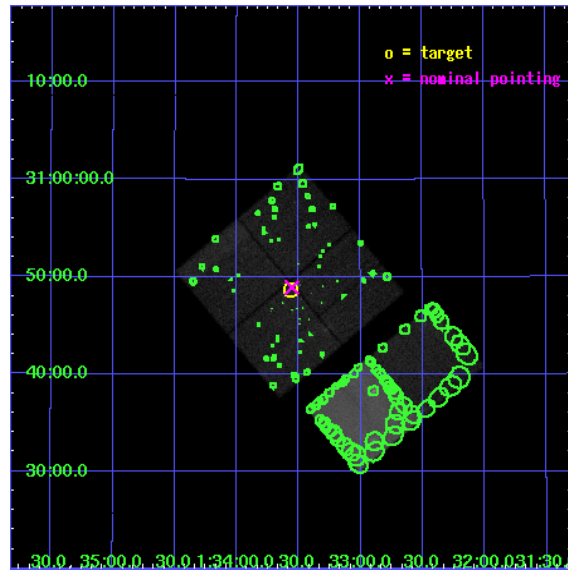
L2 Processing Date : Mar 26 2006

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1 Front

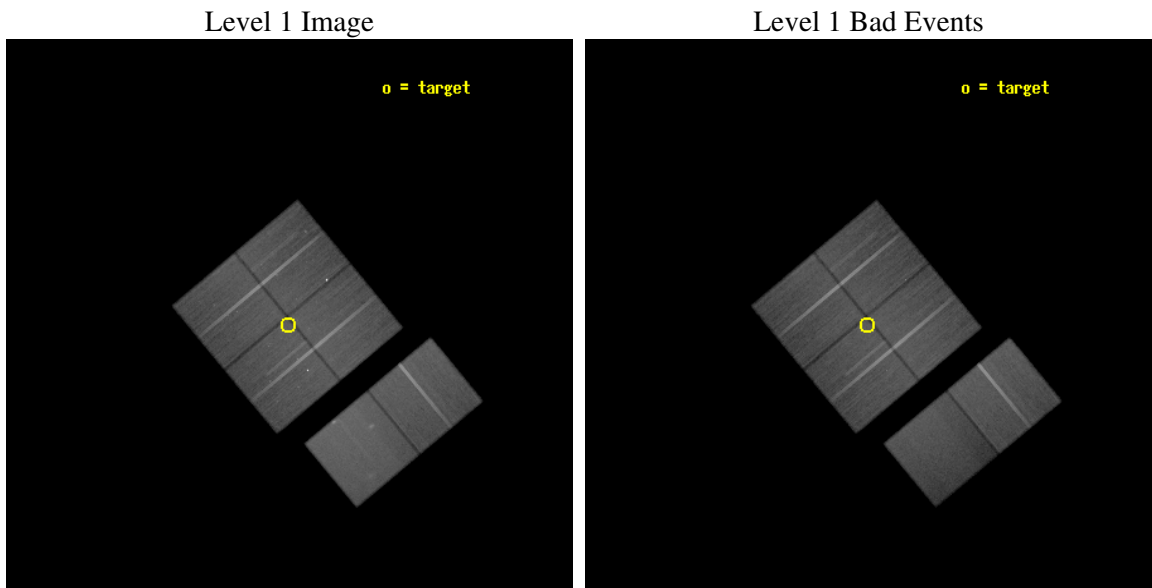
seq_num	600482
obs_id	6380
title	The Chandra ACIS Survey of M33 (ChASeM33): A Deep Survey of the Nearest Face-on Spiral Galaxy
observer	Dr Manami Sasaki
object	M33 Field 3
dtcycle	0
cycle	P
ra_targ	23.39125
dec_targ	30.811306
ra_nom	23.388793617436
dec_nom	30.815417522798
roll_nom	140.20994257418
revision	2
ontime	90515.076681882
livetime	89368.9202793
ontime0	90524.799662769
ontime1	90521.55865258
ontime2	90515.076691836
ontime3	90515.076681882
ontime6	90518.317672282
ontime7	90524.799662769
l2events	494579



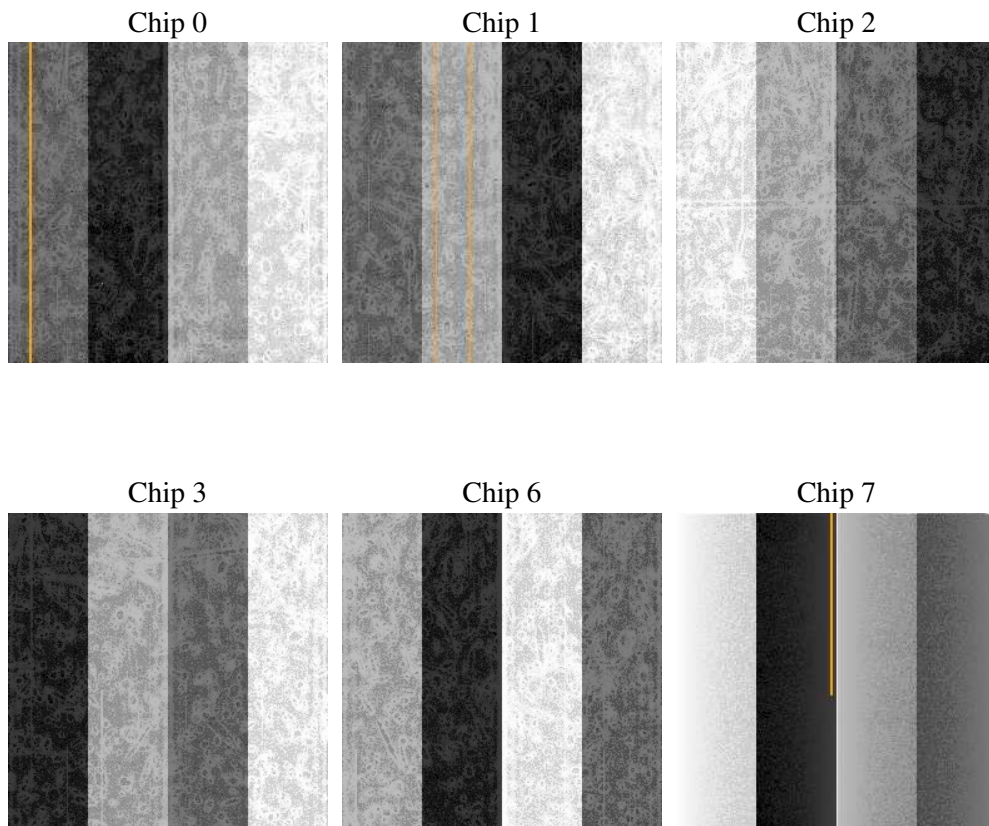
2 OBI

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	2006-03-26T02:02:25
revision	2

sched_exp_time	90375.668000
ontime	92158.264488071
ontime0	92167.987468958
ontime1	92164.746458769
ontime2	92158.264488131
ontime3	92158.264488071
ontime6	92161.505478472
ontime7	92167.987468958
l1events	3253918

2.1.4 Events

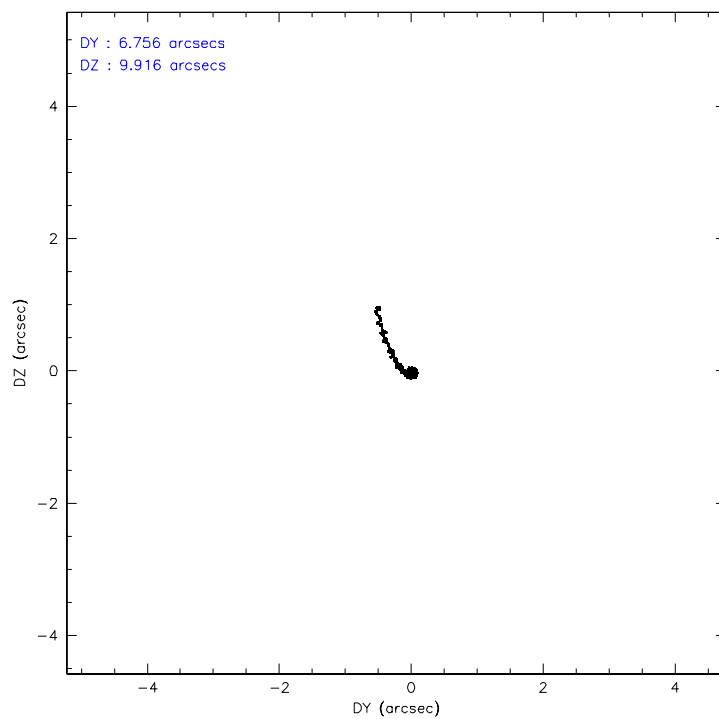
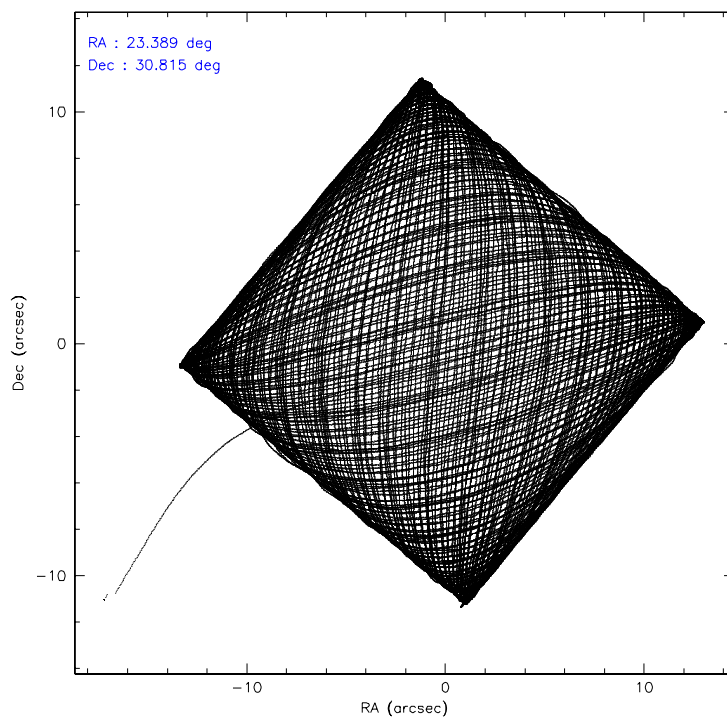
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	507605	491051	555824	530708	553702	615028
rejected events	441233	431557	503598	469568	498530	361221
rejected %	86%	87%	90%	88%	90%	58%

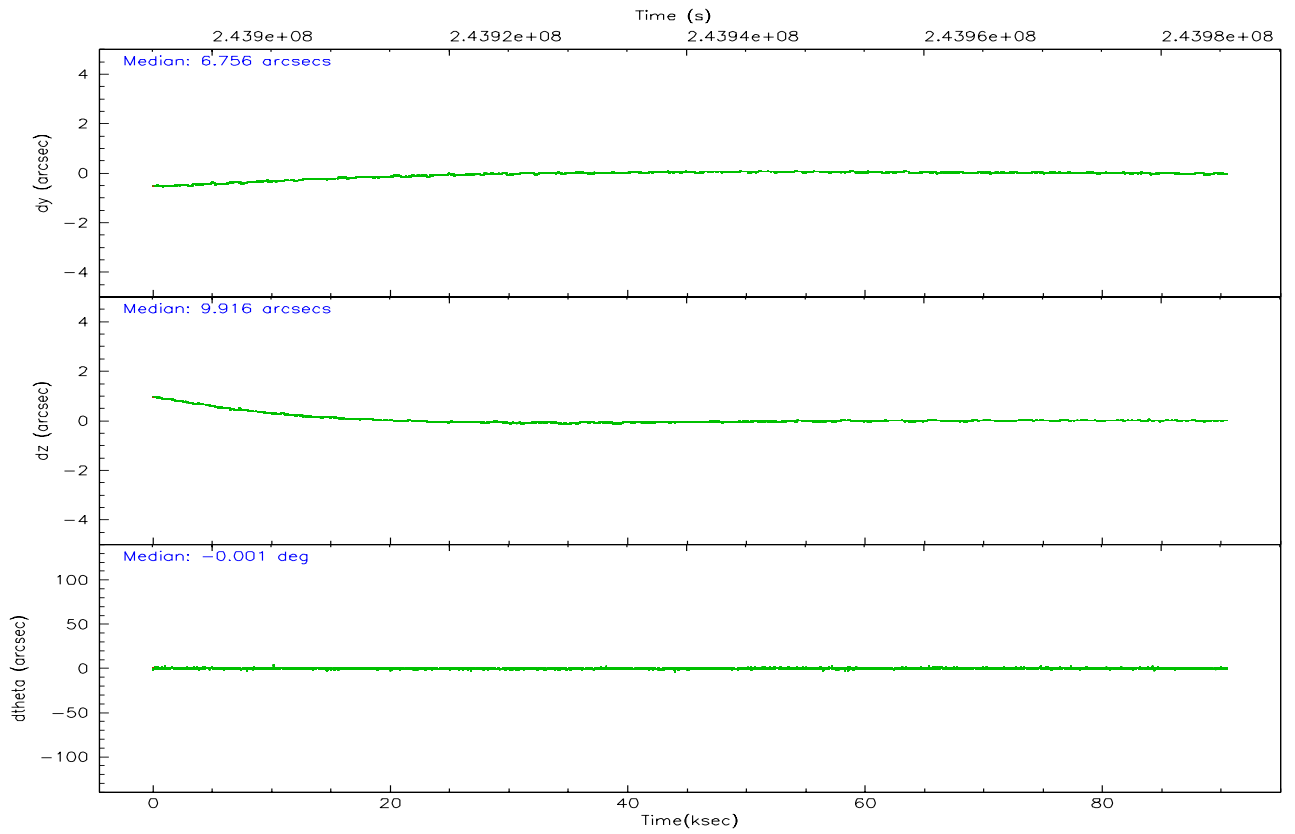
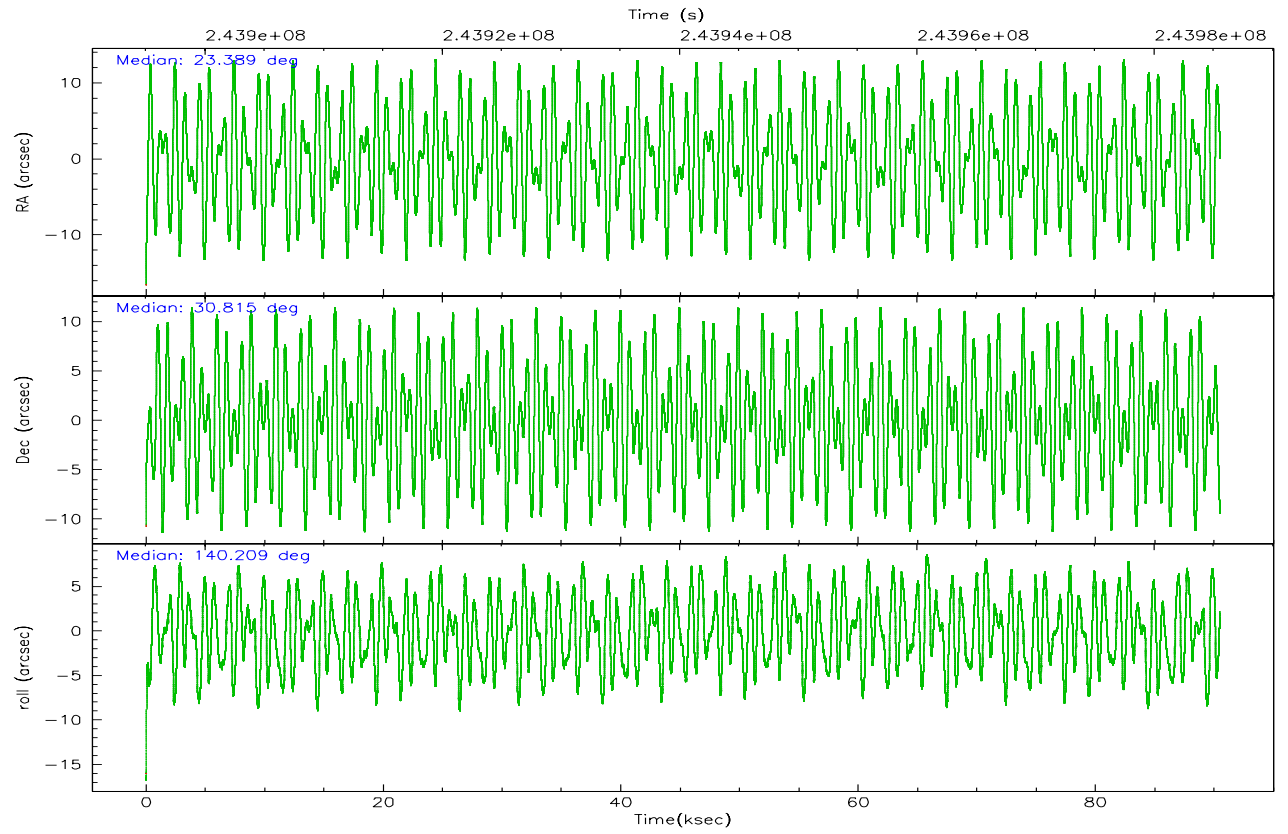
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	30028	22398	19678	27214	19019	15277
	5%	4%	3%	5%	3%	2%
grade 1 events	389	257	274	355	283	297
	0%	0%	0%	0%	0%	0%
grade 2 events	13845	12972	12332	11953	12467	64169
	2%	2%	2%	2%	2%	10%
grade 3 events	6565	6526	5744	6112	6208	14654
	1%	1%	1%	1%	1%	2%
grade 4 events	6235	6499	5646	6099	5976	13861
	1%	1%	1%	1%	1%	2%
grade 5 events	18576	20405	17592	21831	23036	45281
	3%	4%	3%	4%	4%	7%
grade 6 events	10694	12175	9808	10760	12509	150235
	2%	2%	1%	2%	2%	24%
grade 7 events	421273	409819	484750	446384	474204	311254
	82%	83%	87%	84%	85%	50%

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	23.420218	23.38879361743636	Alternating exposures requested	N	N
Pointing Dec	30.810874	30.81541752279843	Primary exposure time	0.000000	3.2
Pointing Roll	139.985168	140.20994257418			
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	243895189.184000	243893315.30803			
Observation start date	2005-09-23T20:38:45	2005-09-23T20:08:35			
Observation end time	243985565.184000	243985800.03728			
Observation end date	2005-09-24T21:45:01	2005-09-24T21:50:00			
Read mode	TIMED	TIMED			

2.3 Aspect



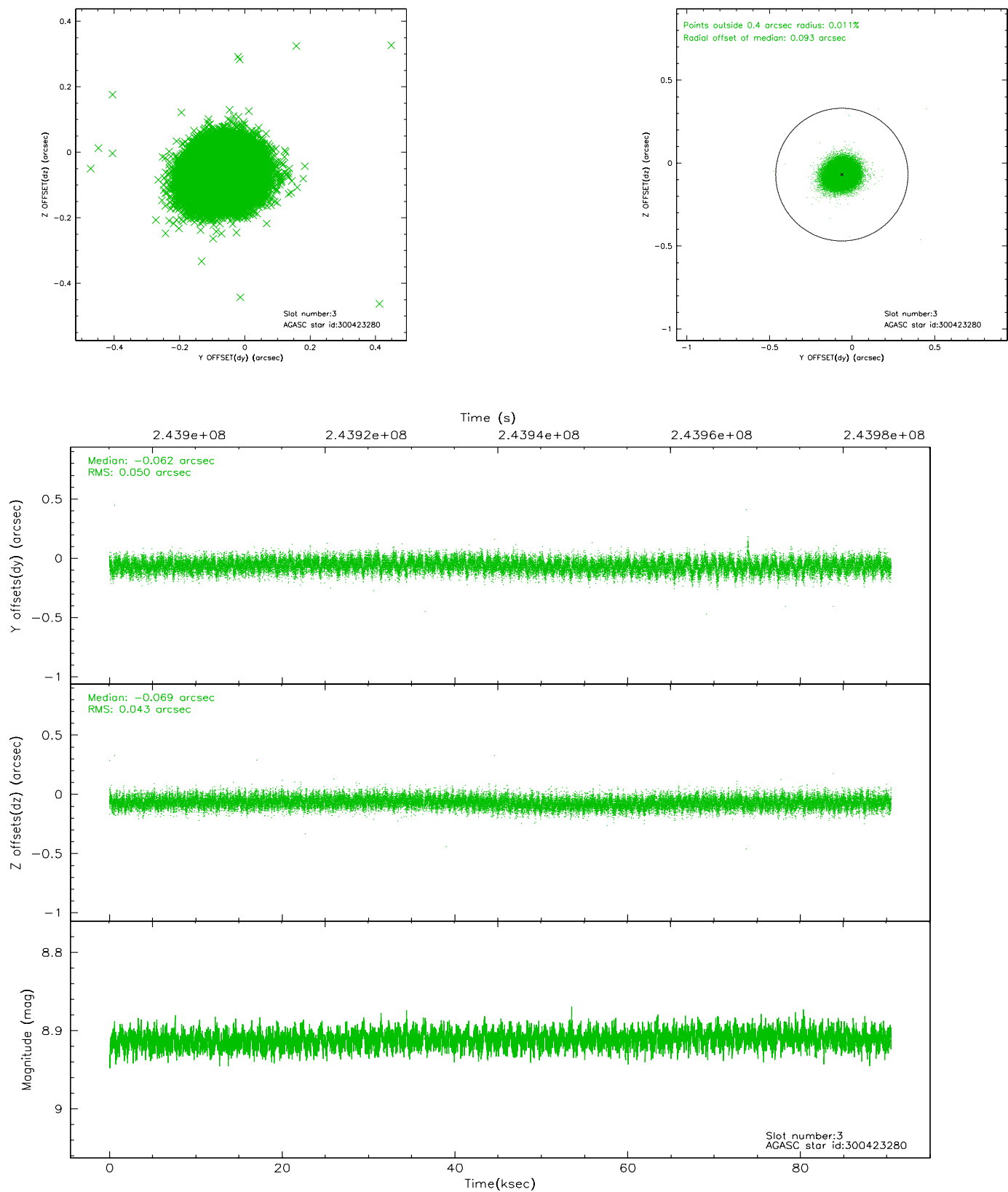


Slot Statistics

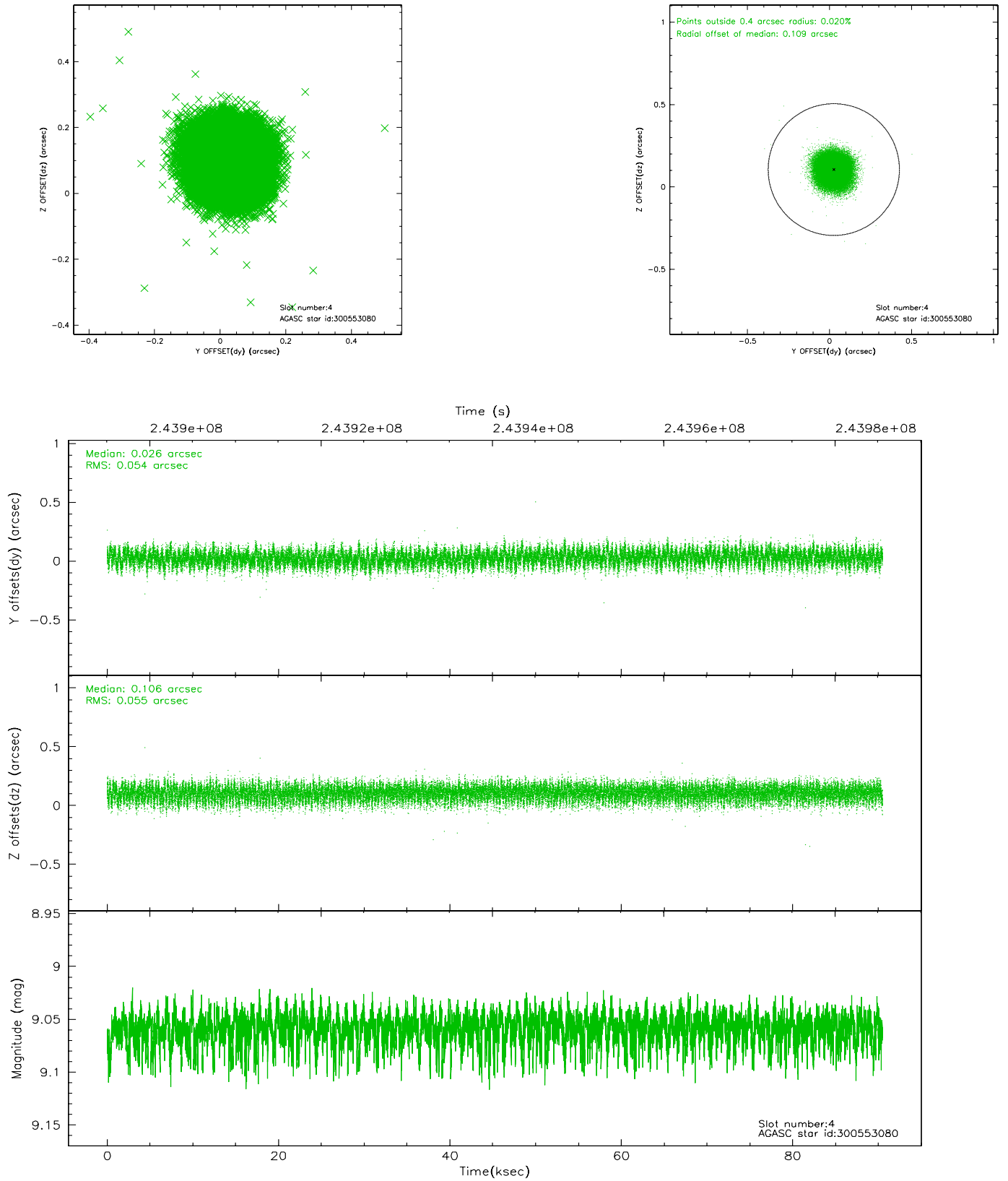
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-4	7.18	22080	0.059	0.023	0.012	0.037	0.000000	0.000000	2153.03	1066.43
1	FID	ACIS-I-5	7.23	22079	-0.156	0.019	0.012	0.024	0.000000	0.000000	-1815.25	1064.20
2	FID	ACIS-I-6	7.26	22079	-0.001	0.026	0.009	0.024	0.000000	0.000000	398.64	1708.51
3	GUIDE	300423280	8.91	44084	-0.062	-0.069	0.070	0.114	22.470839	30.803648	2239.16	1897.95
4	GUIDE	300553080	9.06	44137	0.026	0.106	0.083	0.132	23.777101	30.773227	-931.16	-607.01
5	GUIDE	300559160	9.41	44080	0.236	0.047	0.107	0.173	24.161026	30.632205	-2165.76	-988.52
6	GUIDE	300559960	7.88	44158	-0.118	-0.112	0.072	0.114	22.944463	30.624765	699.56	1458.35
7	GUIDE	300548616	9.58	44123	-0.078	0.024	0.131	0.223	23.274908	31.612345	2196.82	-1923.35

2.4 Star Slots

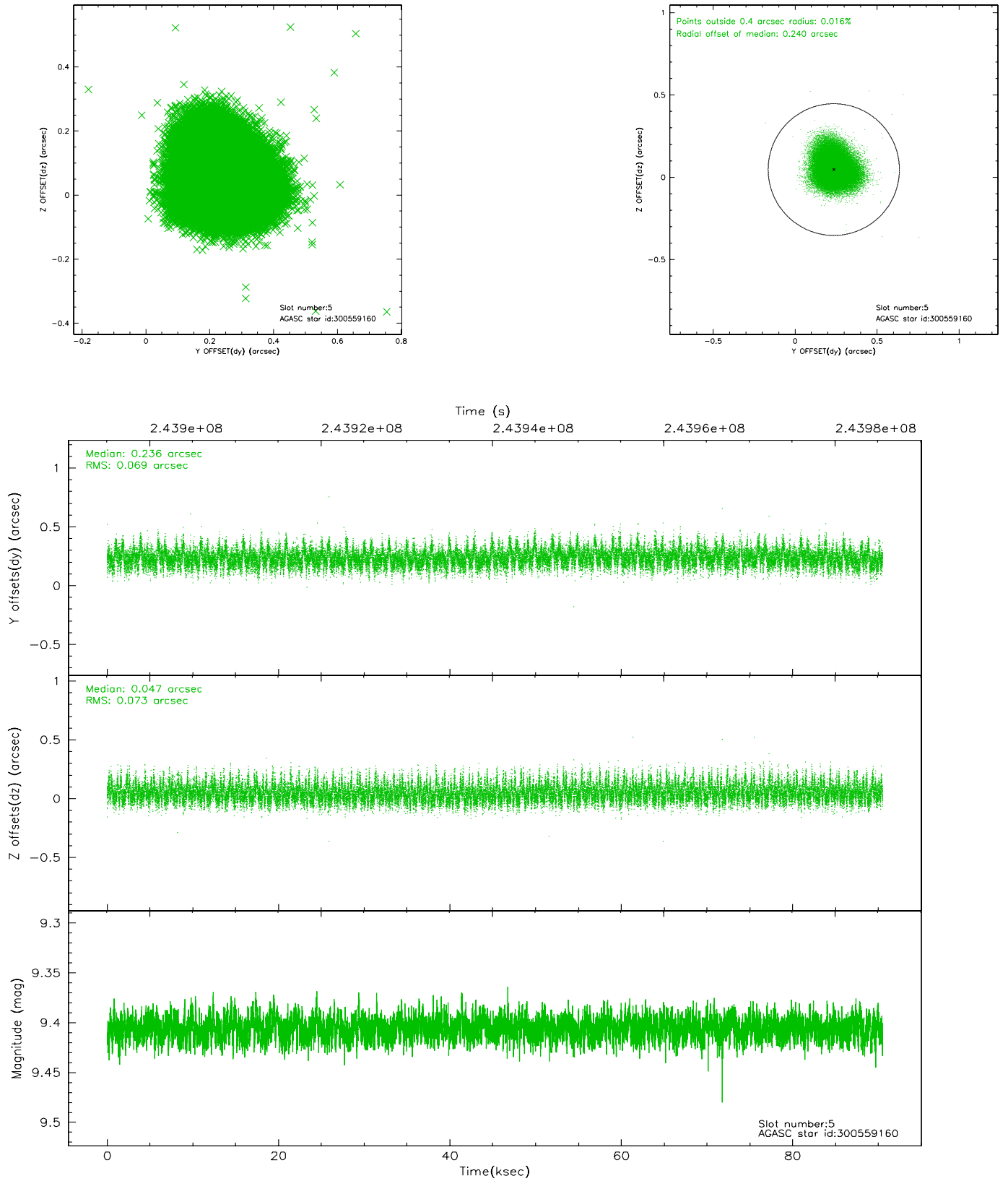
2.4.1 Slot 3



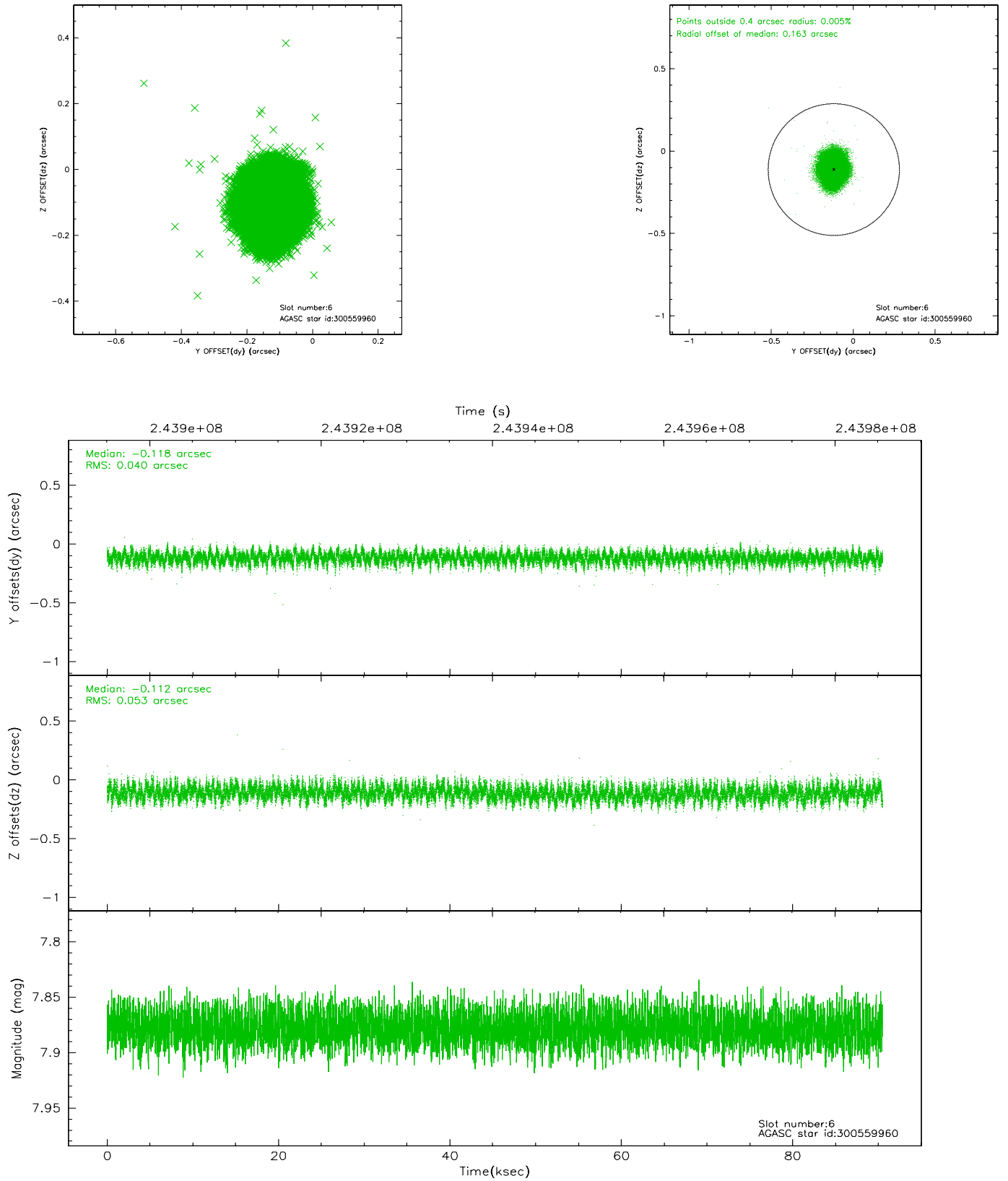
2.4.2 Slot 4



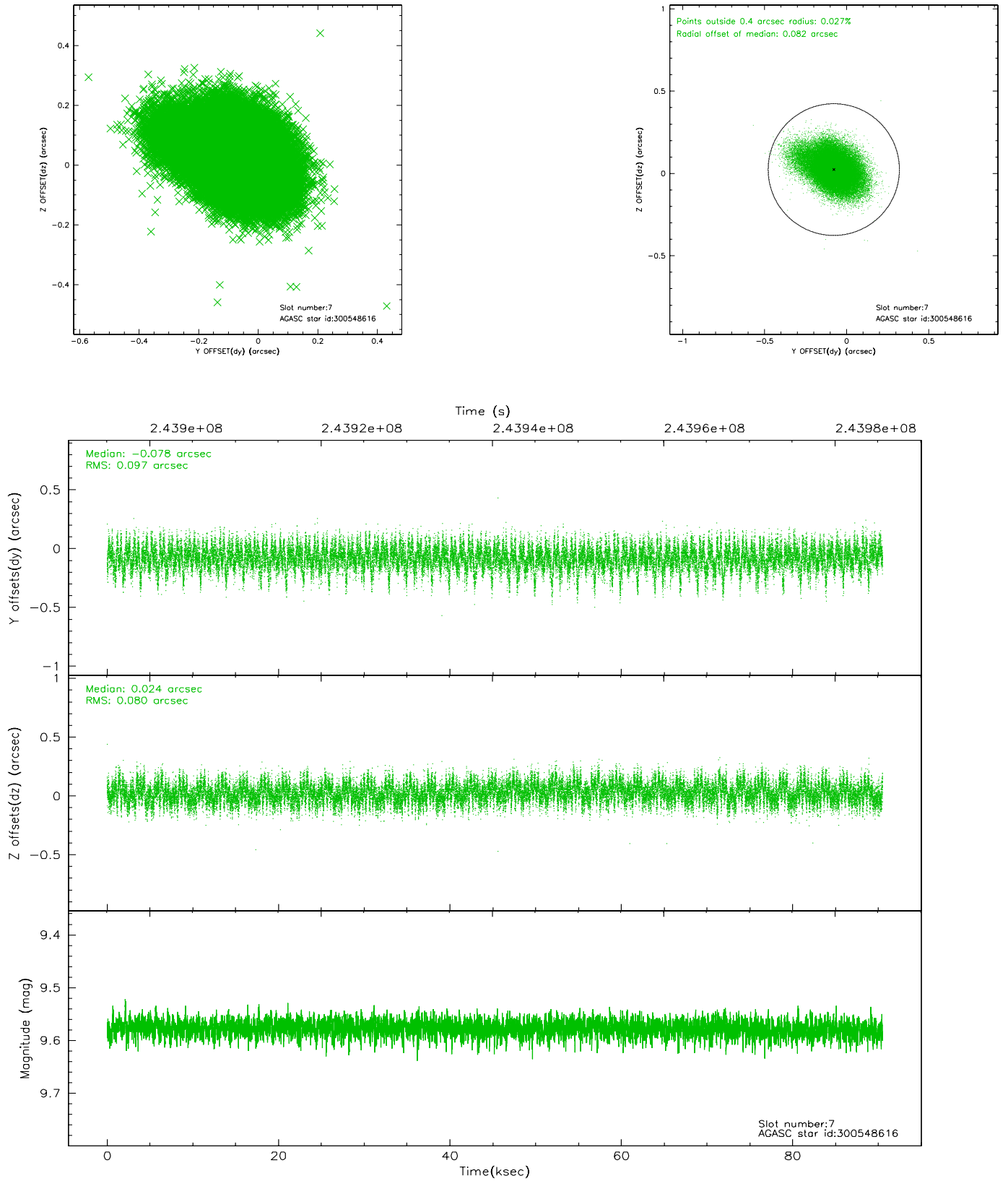
2.4.3 Slot 5



2.4.4 Slot 6

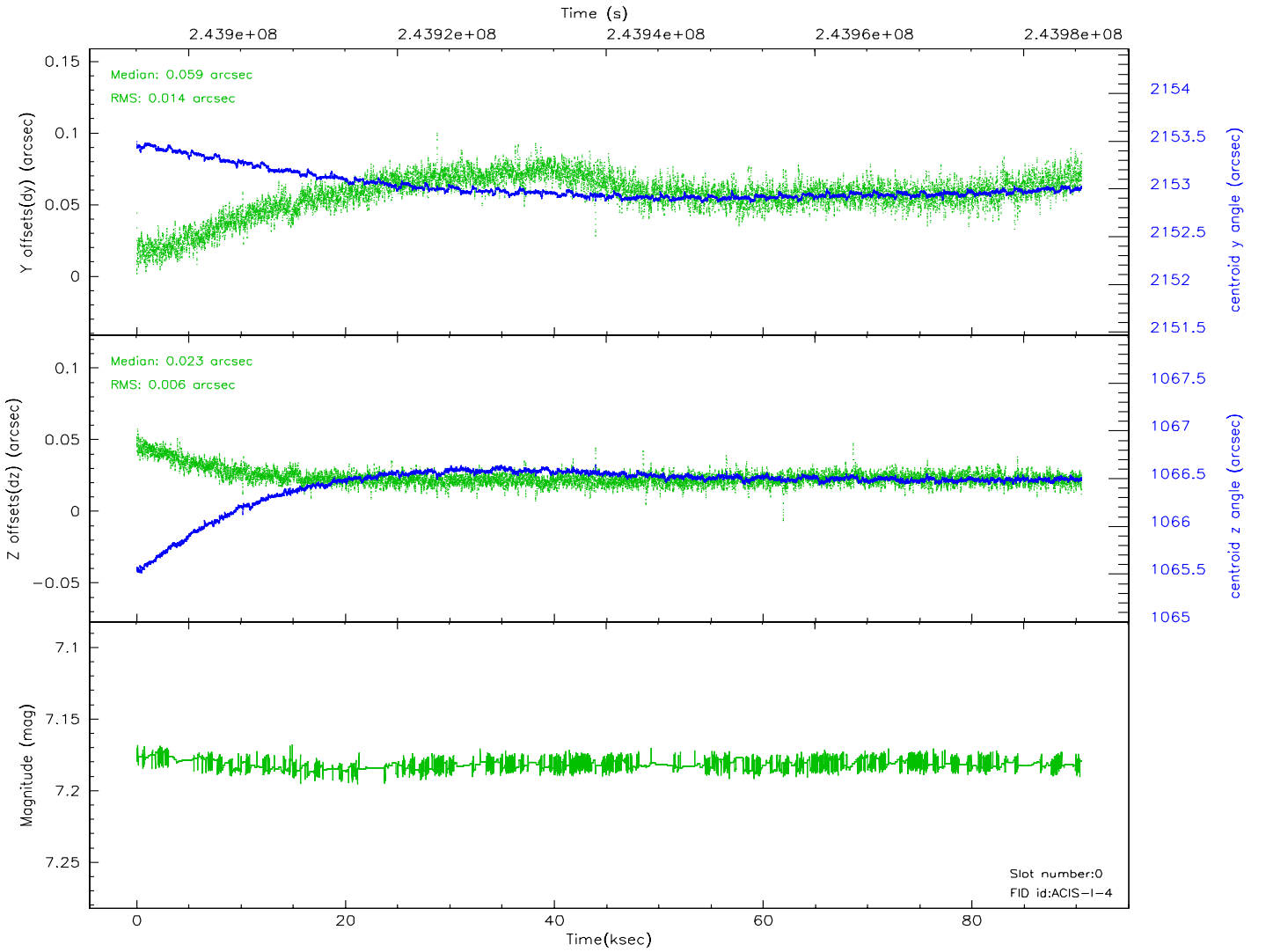
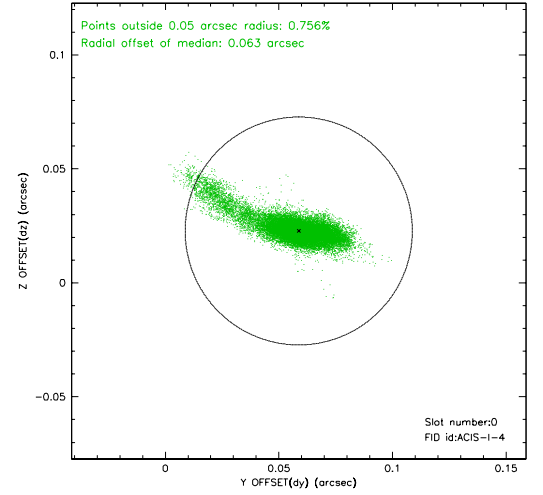
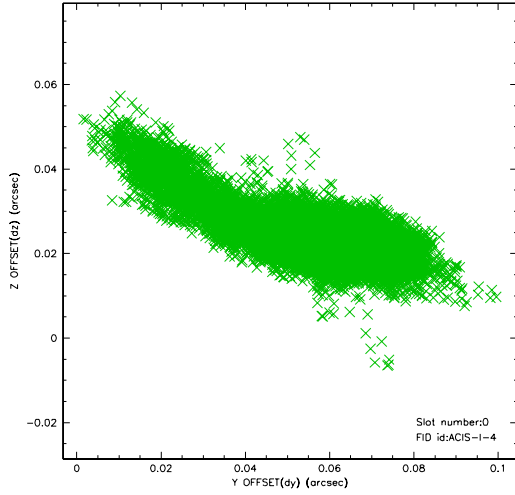


2.4.5 Slot 7

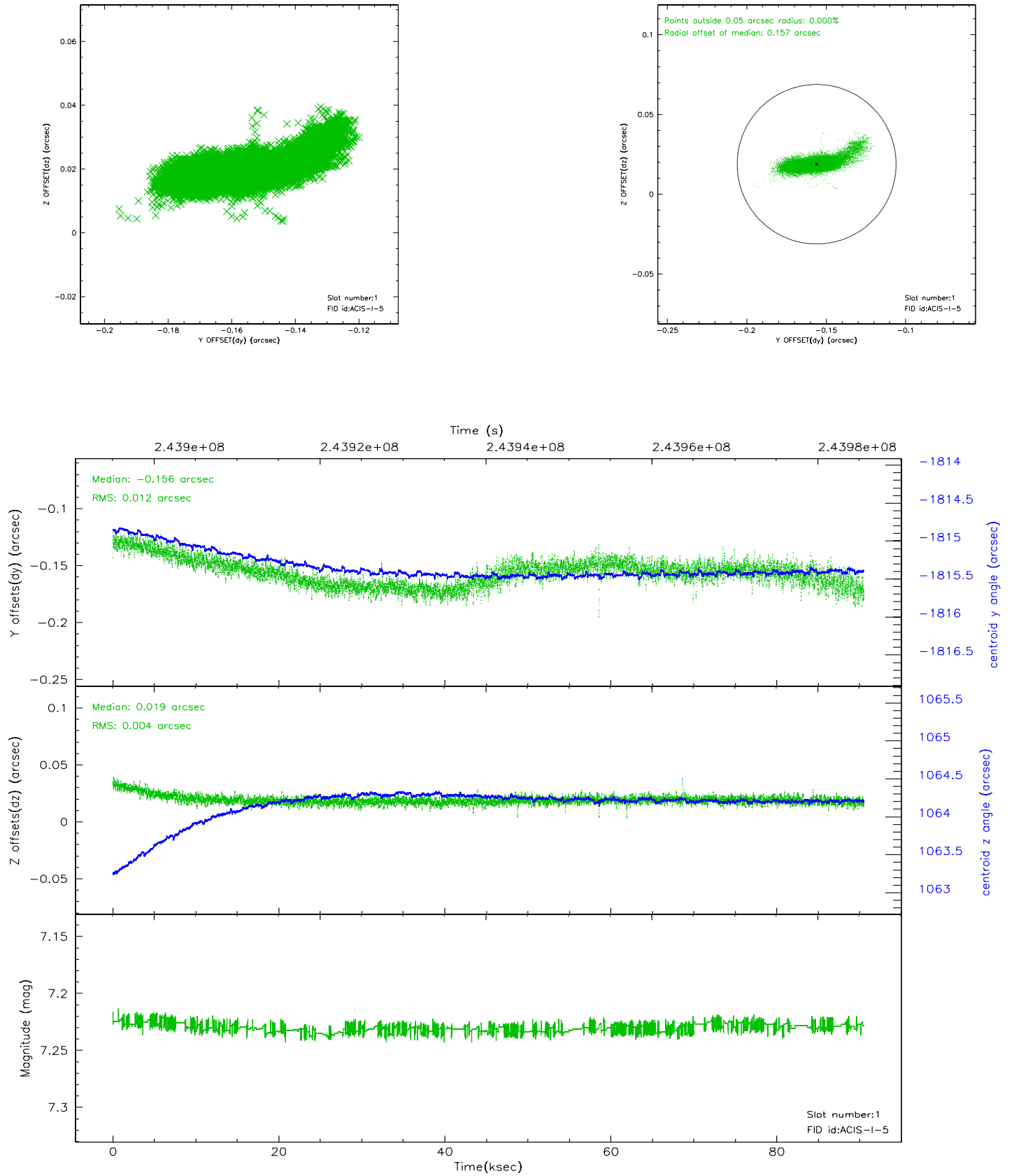


2.5 FID Slots

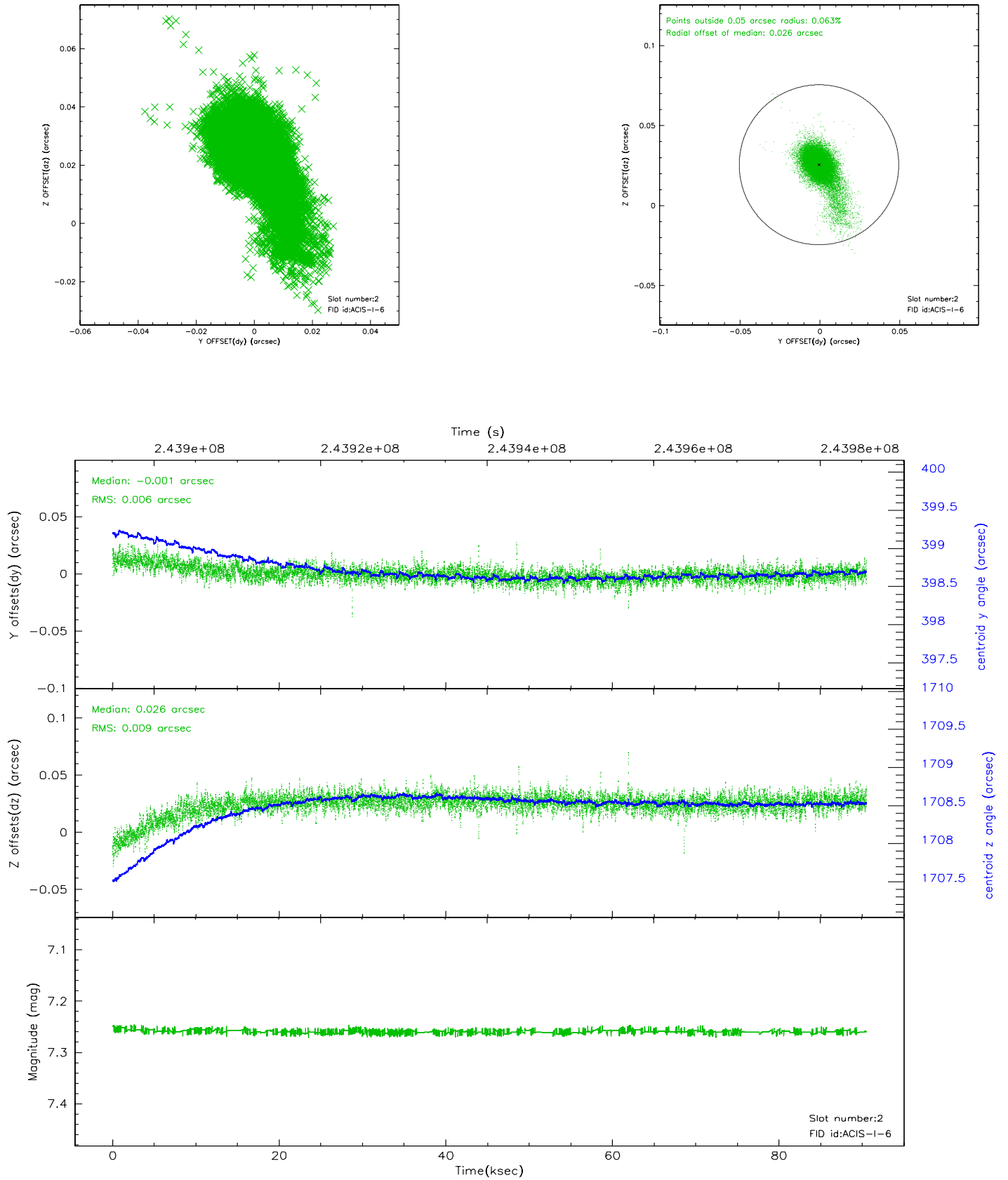
2.5.1 Slot 0



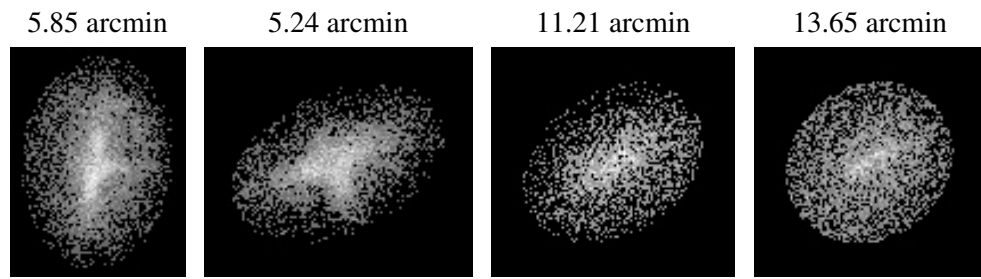
2.5.2 Slot 1



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	90.51507

A.2 Comments

Focal plane temperature is elevated during latter ~60 ksec of observation.