

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2023 - L2 Version 001
Chandra X-Ray Center

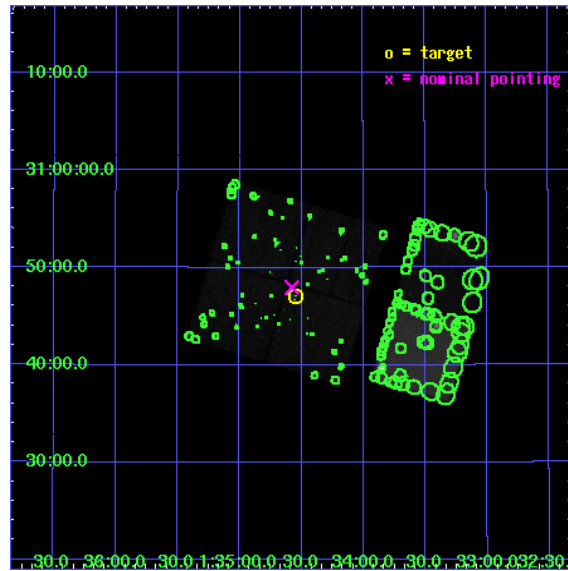
L2 Processing Date : Dec 11 2006

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1 Front

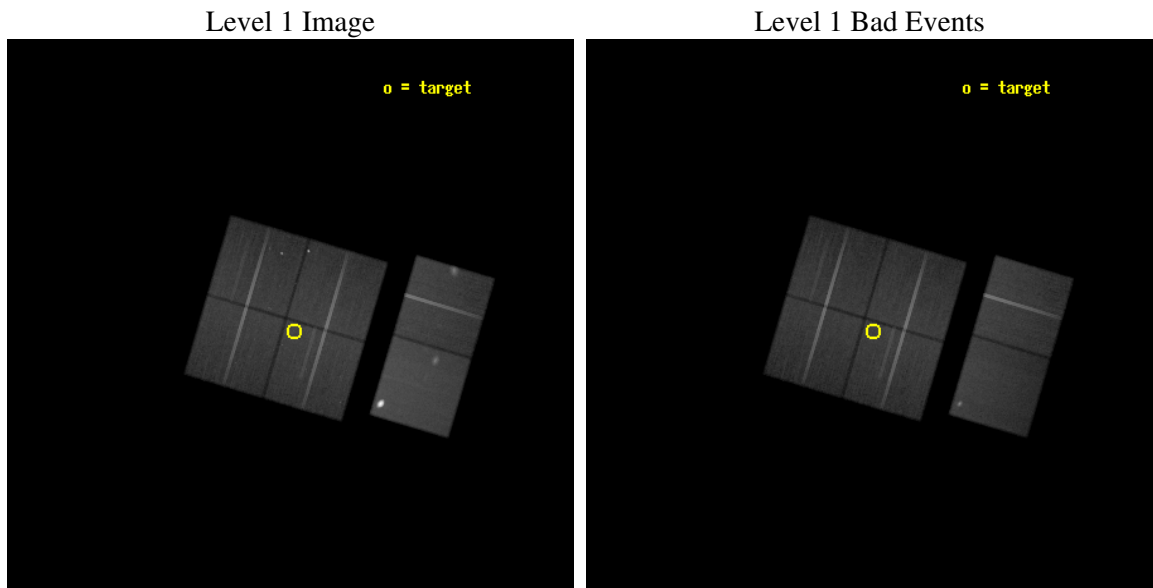
seq_num	600157
obs_id	2023
title	THE GIANT EXTRAGALACTIC STAR-FORMING REGION NGC 604
observer	Dr. Francesco Damiani
object	NGC 604
dtcycle	0
cycle	P
ra_targ	23.637083
dec_targ	30.784444
ra_nom	23.644291246658
dec_nom	30.799492146343
roll_nom	106.55330006461
revision	2
ontime	89942.318193182
livetime	88803.414403458
ontime0	89948.800083771
ontime1	89942.318133339
ontime2	89945.559123516
ontime3	89942.318193182
ontime6	89942.318193182
ontime7	89945.559123516
l2events	779966



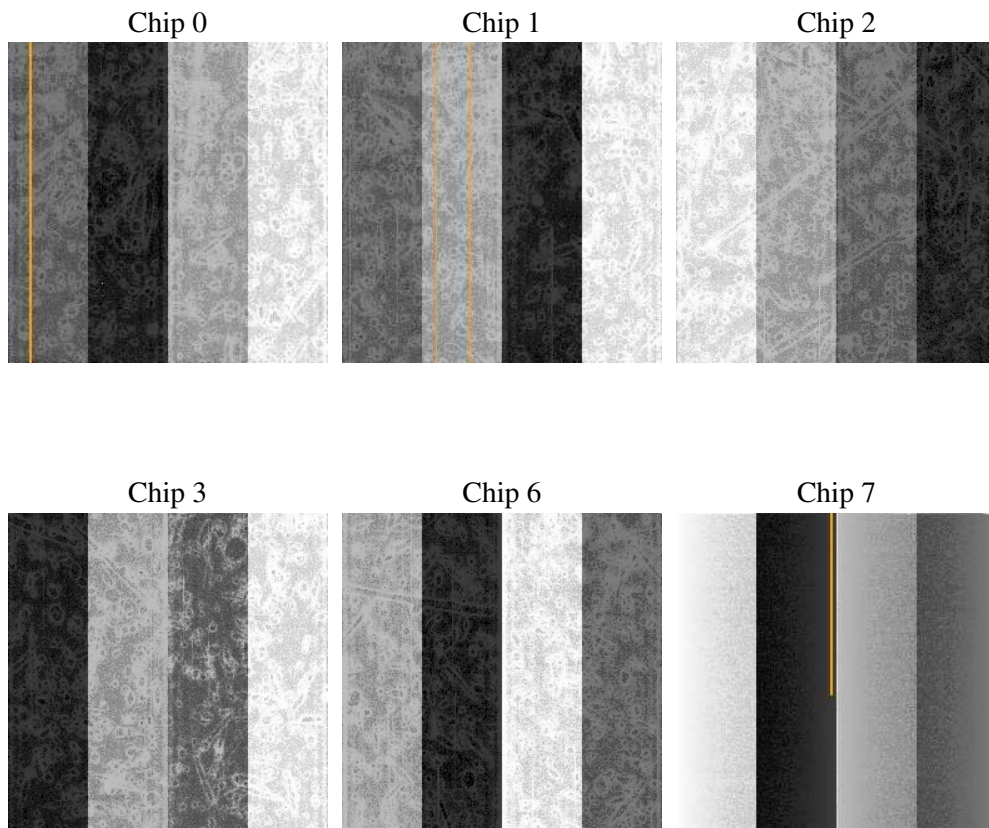
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldsver	3.2.4
date	2006-12-11T21:14:20
revision	2

sched_exp_time	90000.000000
ontime	89947.406607509
ontime0	89953.888498098
ontime1	89947.406517744
ontime2	89950.647537842
ontime3	89947.406607509
ontime6	89947.406607509
ontime7	89950.647537842
l1events	3837354

2.1.4 Events

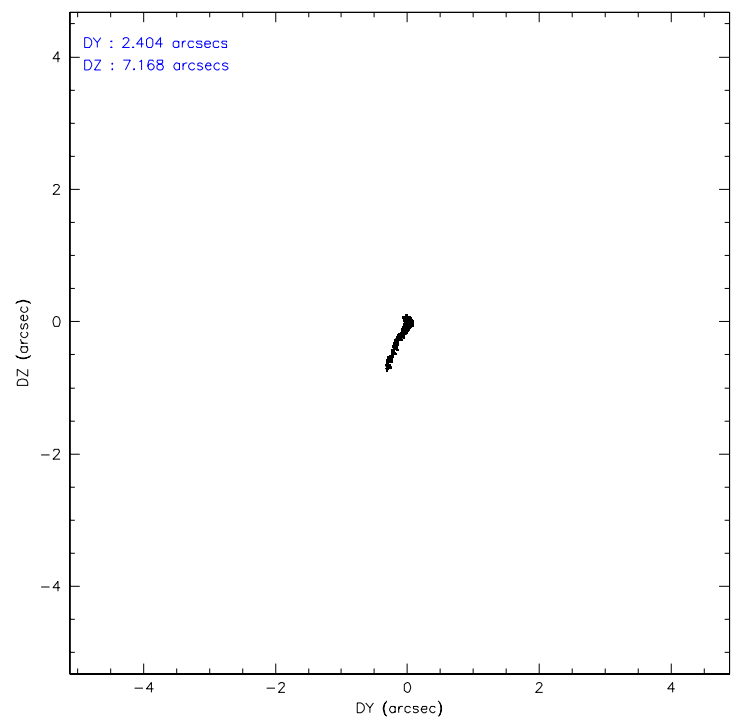
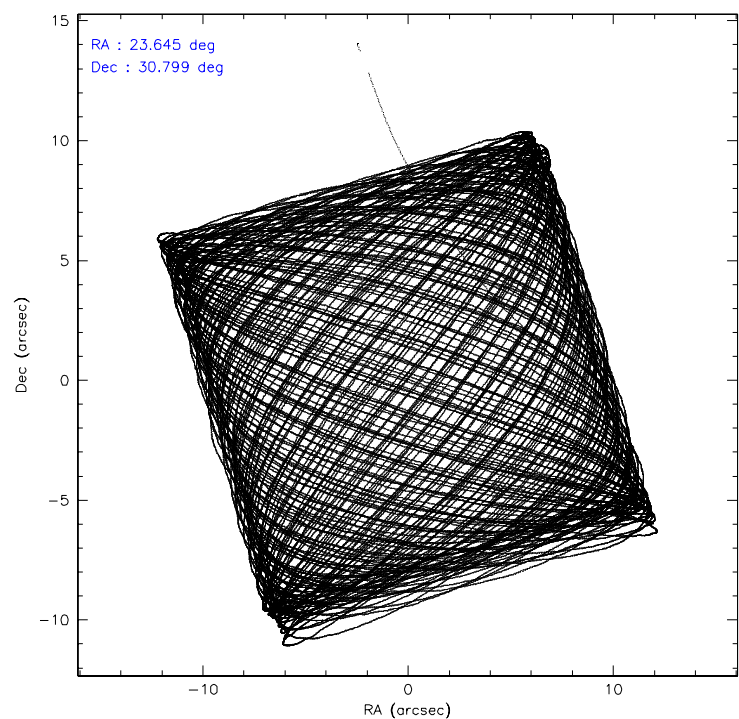
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	542644	541152	589245	589462	627289	947562
rejected events	471816	471172	517847	522045	549252	468371
rejected %	86%	87%	87%	88%	87%	49%

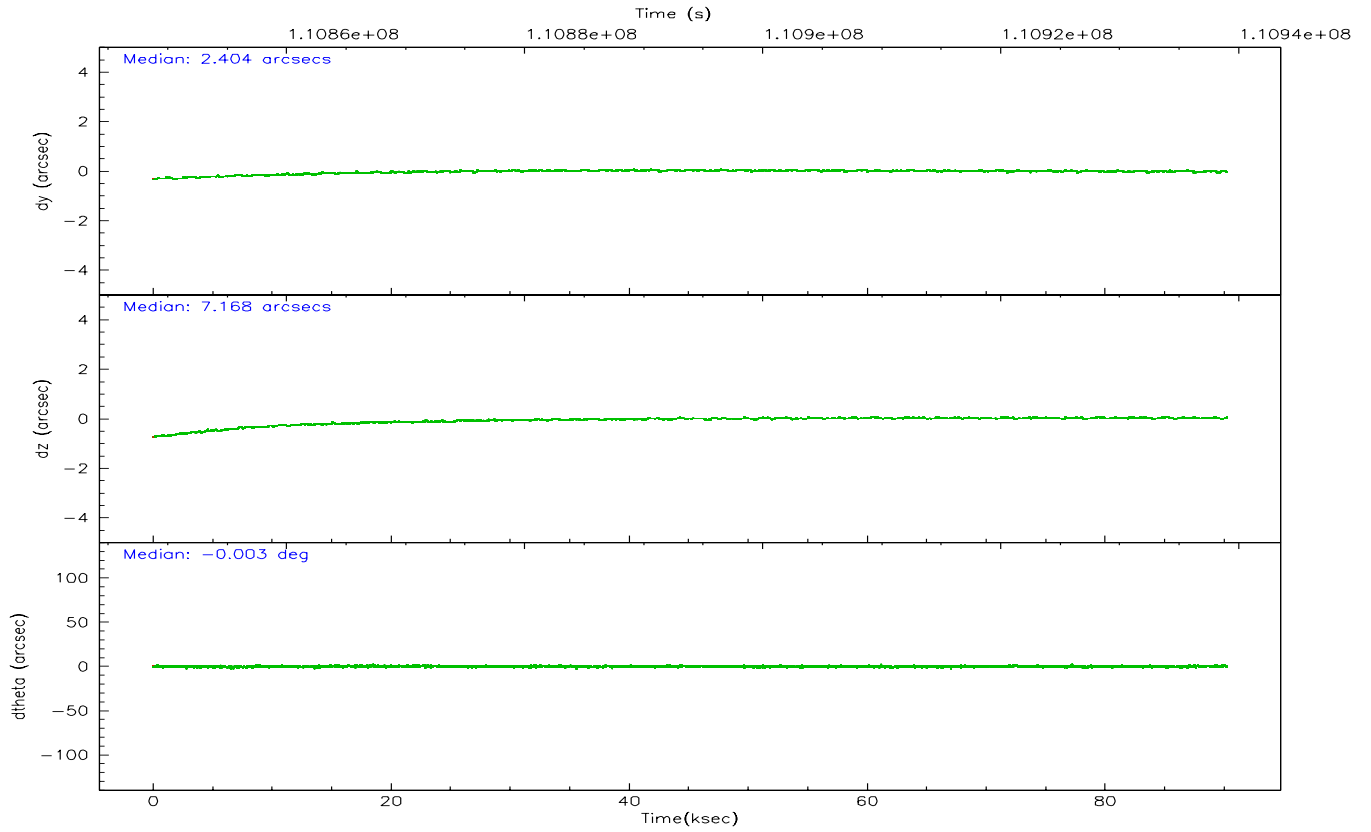
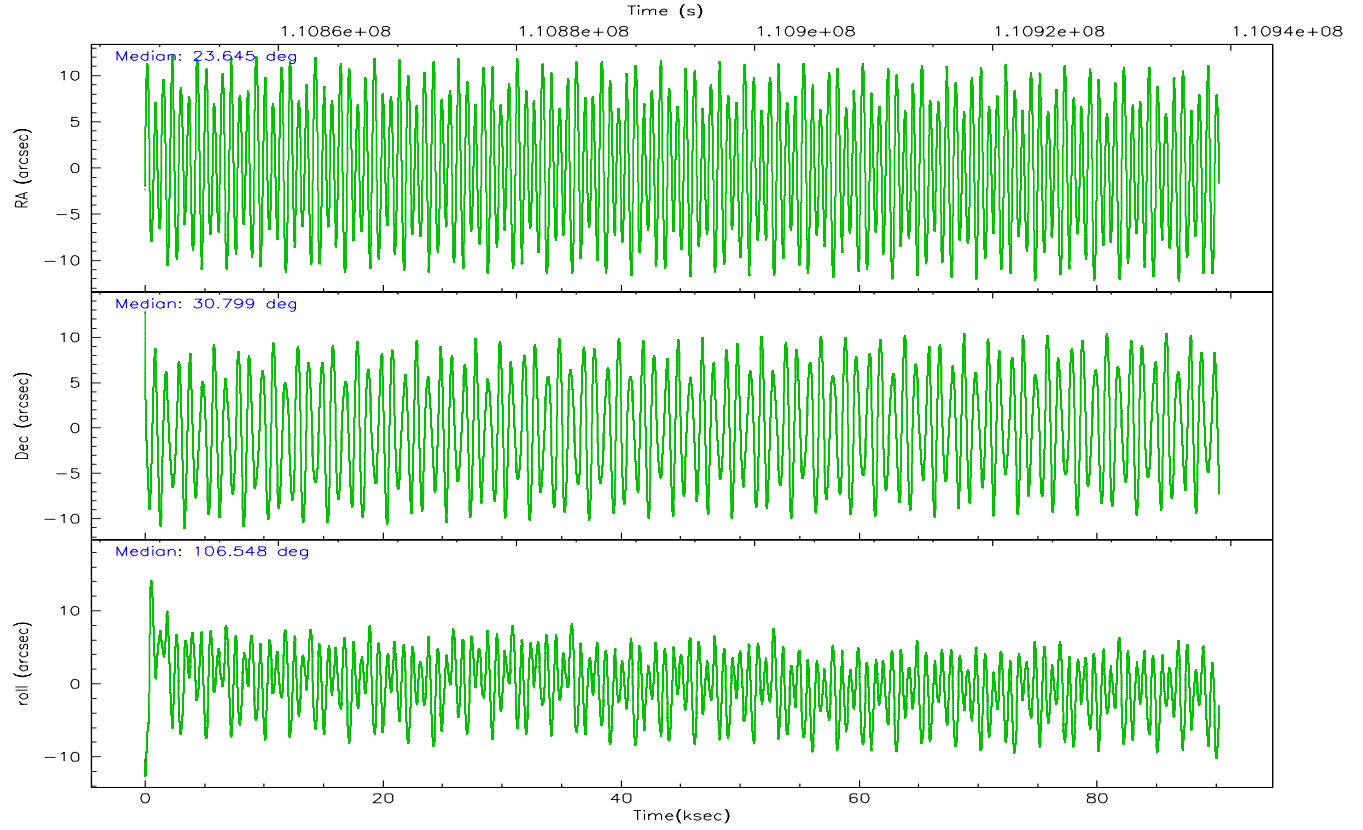
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	30758	28084	32616	29612	35455	63665
	5%	5%	5%	5%	5%	6%
grade 1 events	289	266	277	288	301	682
	0%	0%	0%	0%	0%	0%
grade 2 events	14781	14227	14682	13200	14860	129618
	2%	2%	2%	2%	2%	13%
grade 3 events	6864	7259	6369	6506	7028	35149
	1%	1%	1%	1%	1%	3%
grade 4 events	6334	7208	6283	6313	7147	33945
	1%	1%	1%	1%	1%	3%
grade 5 events	21004	22646	19993	22447	25598	53194
	3%	4%	3%	3%	4%	5%
grade 6 events	12092	13209	11449	11787	13548	216838
	2%	2%	1%	1%	2%	22%
grade 7 events	450522	448253	497576	499309	523352	414471
	83%	82%	84%	84%	83%	43%

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	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	23.667491	23.6442912466582	Subarray requested	NONE	NONE
Pointing Dec	30.780641	30.79949214634267	Alternating exposures requested	N	N
Pointing Roll	106.332736	106.5533000646122	Primary exposure time	0.000000	3.2
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	110849031.184000	110848011.8518			
Observation start date	2001-07-06T23:22:47	2001-07-06T23:06:51			
Observation end time	110939031.184000	110939806.24289			
Observation end date	2001-07-08T00:22:47	2001-07-08T00:36:46			
Read mode	TIMED	TIMED			

2.3 Aspect



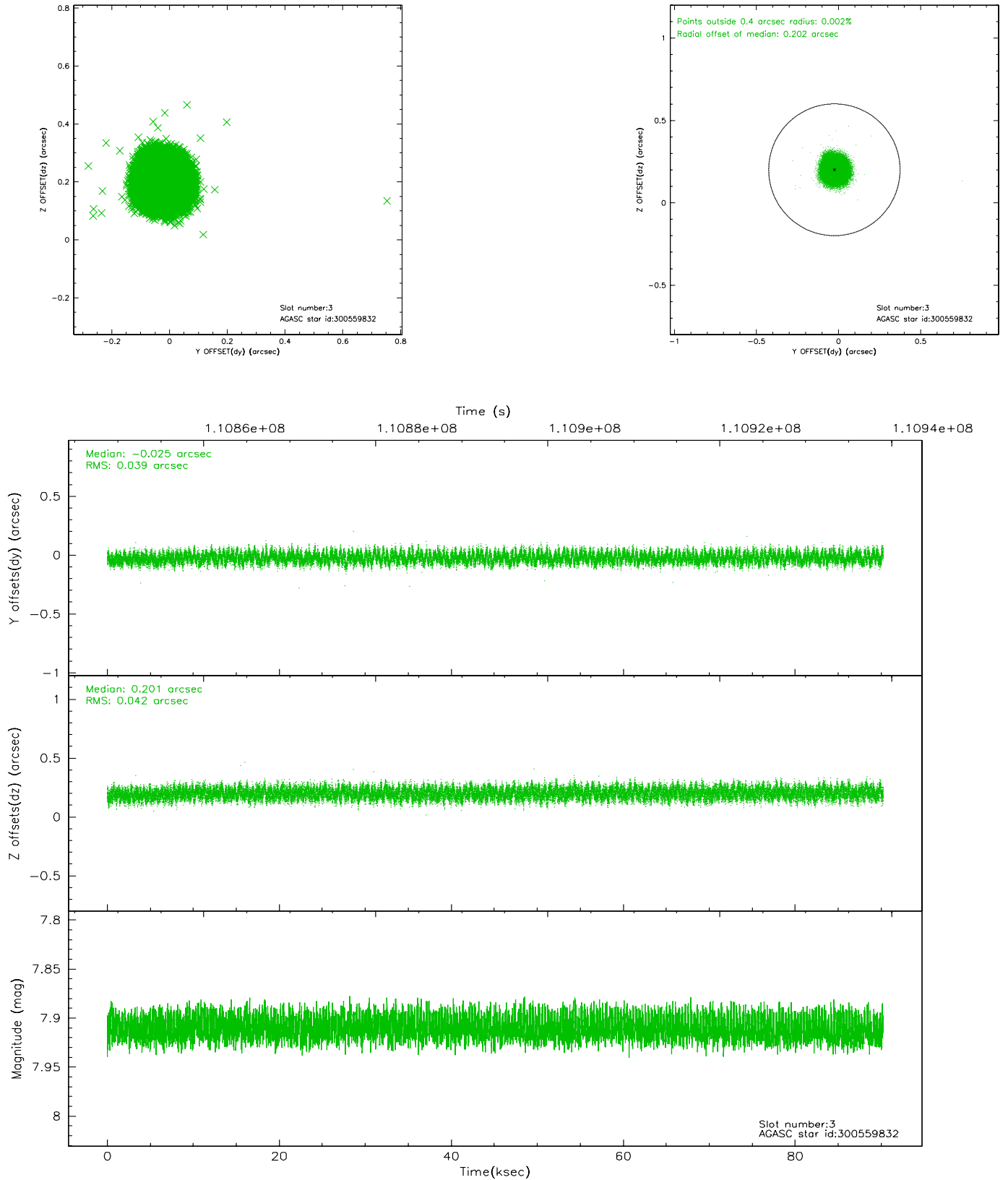


Slot Statistics

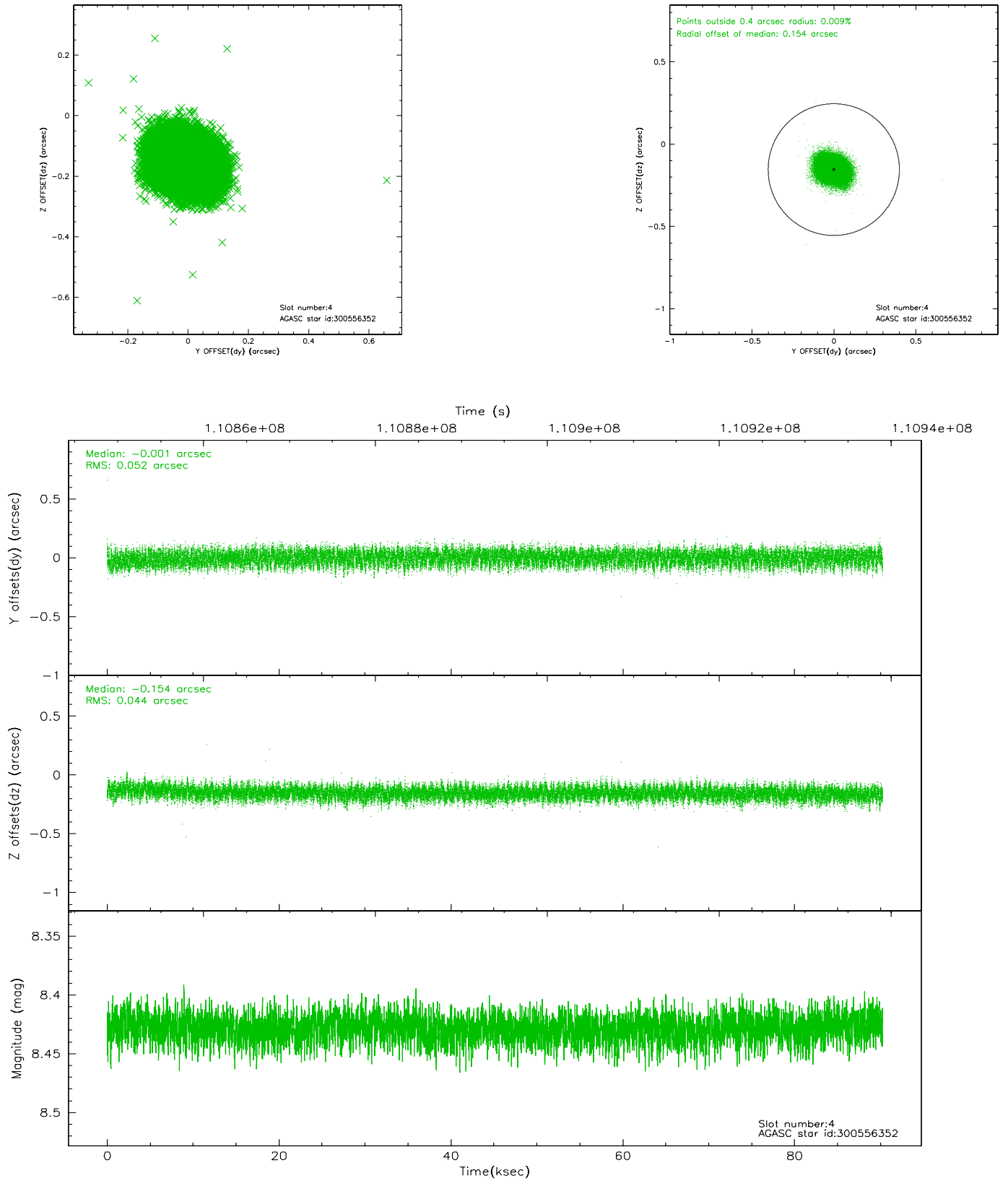
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-2	7.15	22011	-0.033	-0.039	0.011	0.019	0.000000	0.000000	-756.76	-836.90
1	FID	ACIS-I-4	7.18	22008	-0.060	0.037	0.007	0.015	0.000000	0.000000	2157.29	1069.41
2	FID	ACIS-I-5	7.23	22011	-0.008	0.071	0.010	0.019	0.000000	0.000000	-1810.68	1067.18
3	GUIDE	300559832	7.91	44013	-0.025	0.201	0.062	0.095	24.407732	30.552794	-1424.52	-1972.65
4	GUIDE	300556352	8.43	44020	-0.001	-0.154	0.072	0.116	23.404474	30.389211	-1121.23	1180.58
5	GUIDE	300555392	9.46	44003	-0.134	-0.089	0.091	0.147	23.346905	30.948175	858.86	780.92
6	GUIDE	300559160	9.42	43989	0.104	0.016	0.075	0.122	24.161026	30.632205	-938.65	-1316.81
7	GUIDE	300558192	9.58	43986	0.057	0.027	0.109	0.177	23.821763	30.670988	-512.21	-346.55

2.4 Star Slots

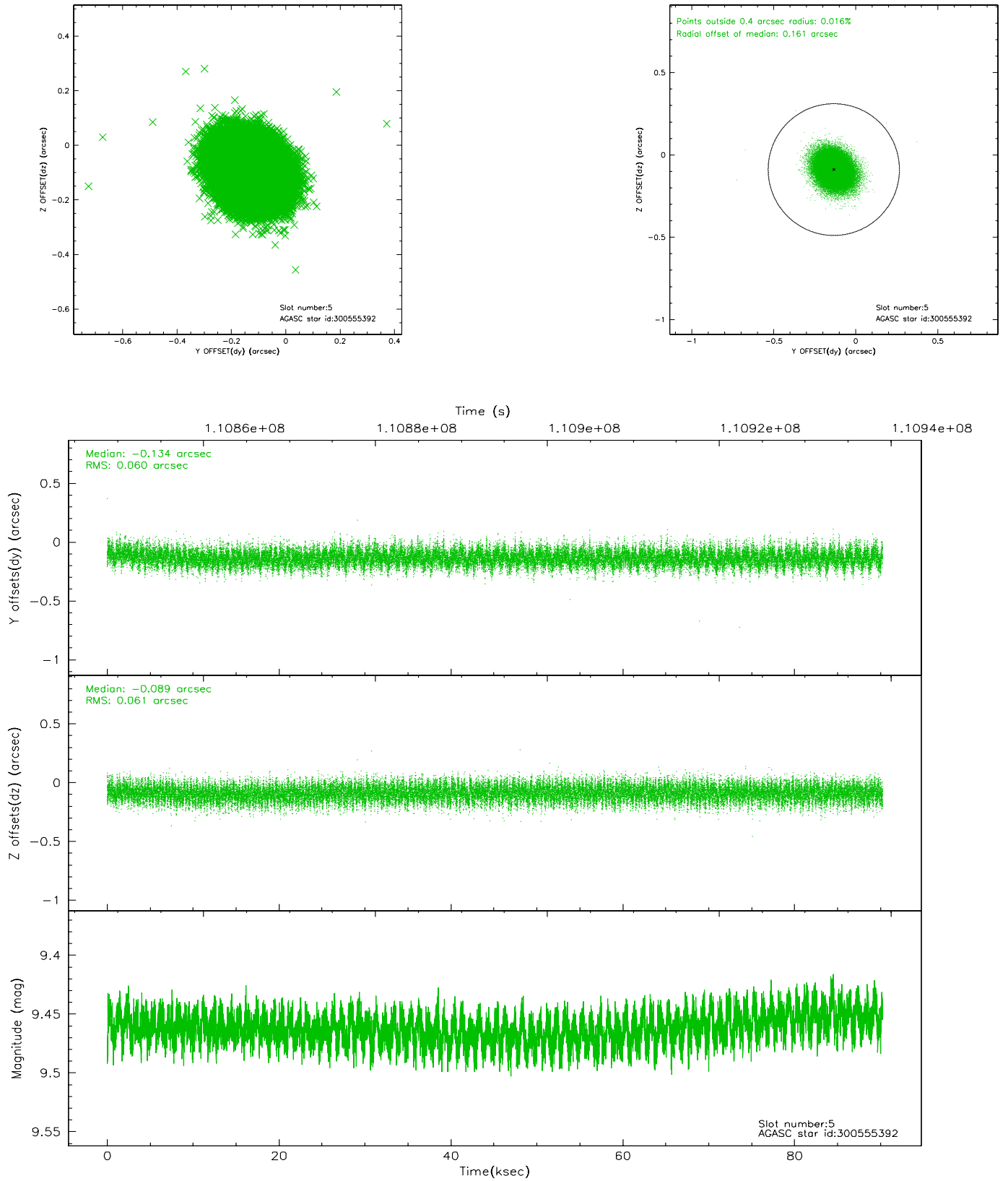
2.4.1 Slot 3



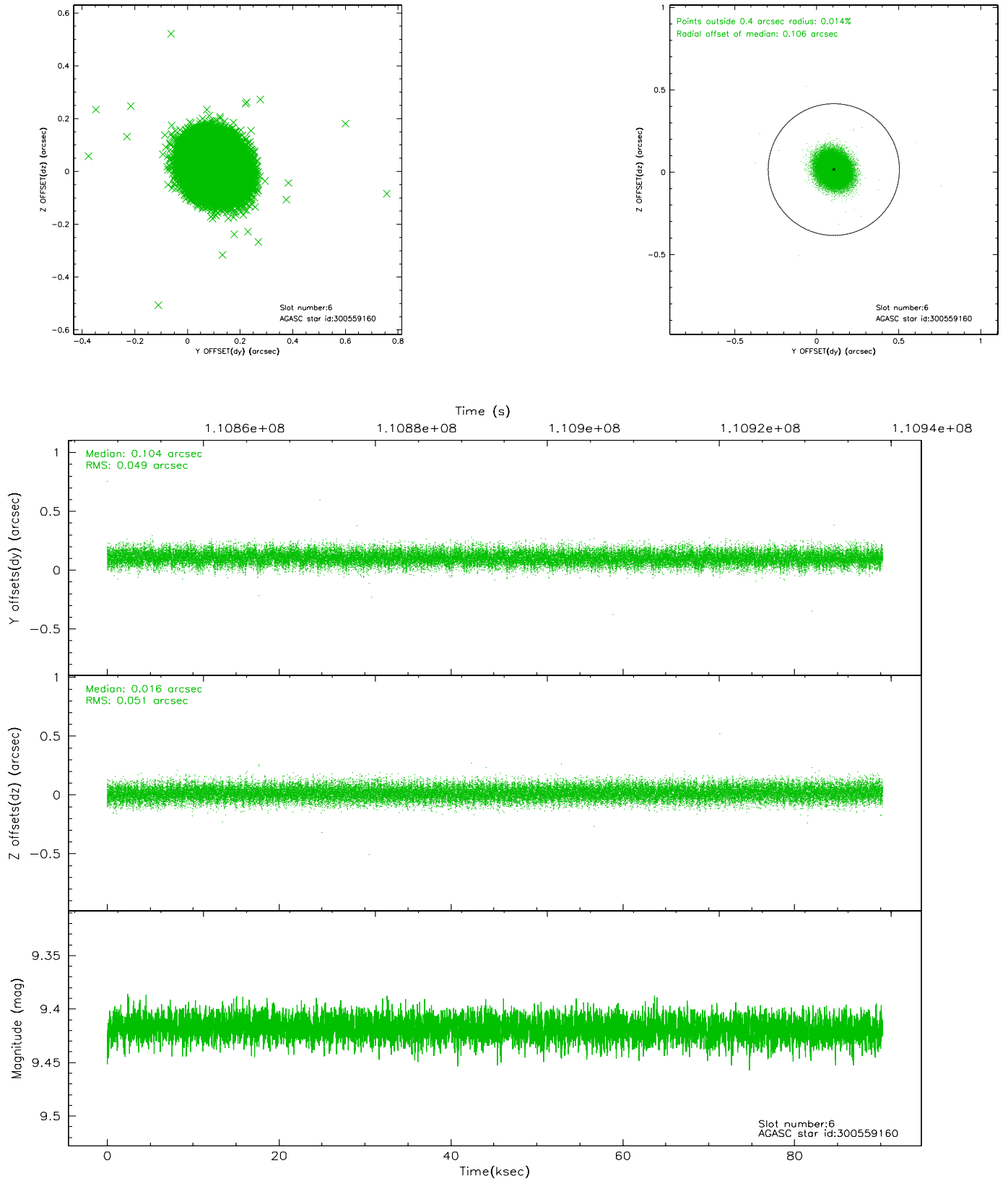
2.4.2 Slot 4



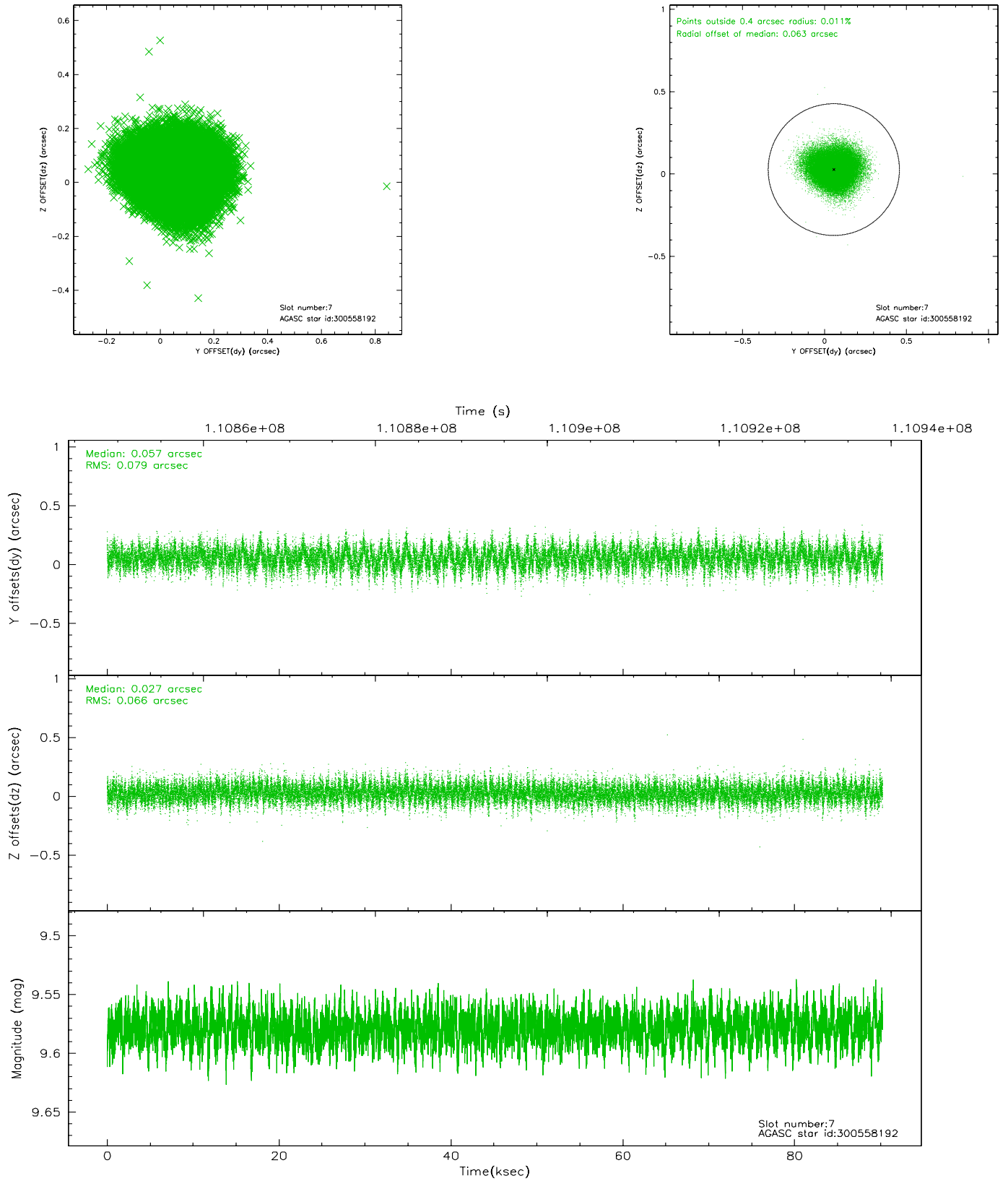
2.4.3 Slot 5



2.4.4 Slot 6

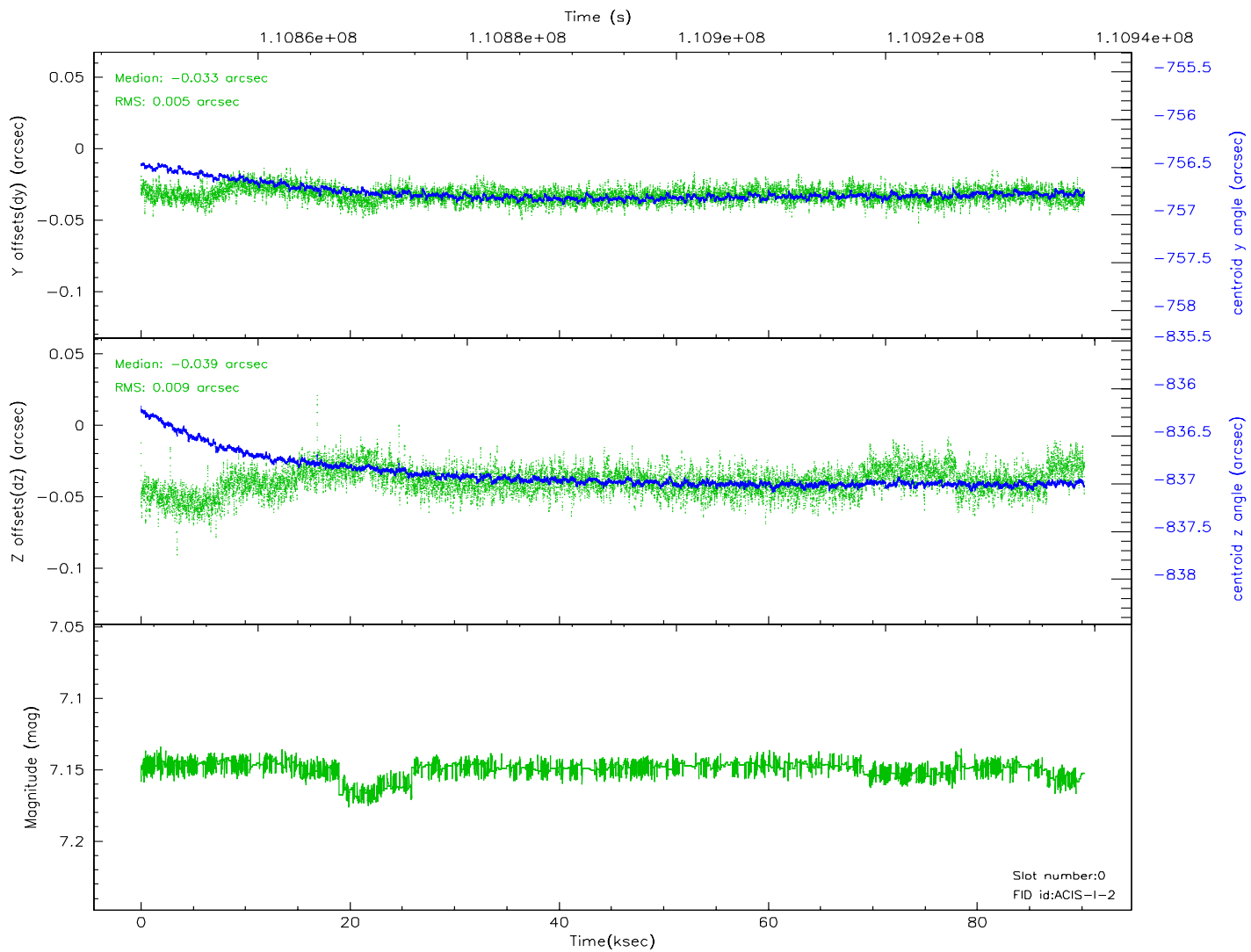
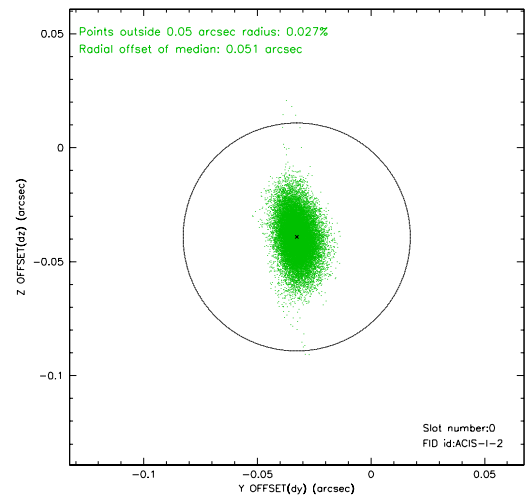
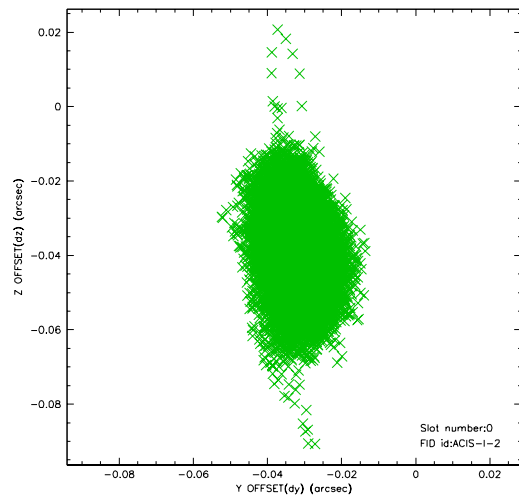


2.4.5 Slot 7

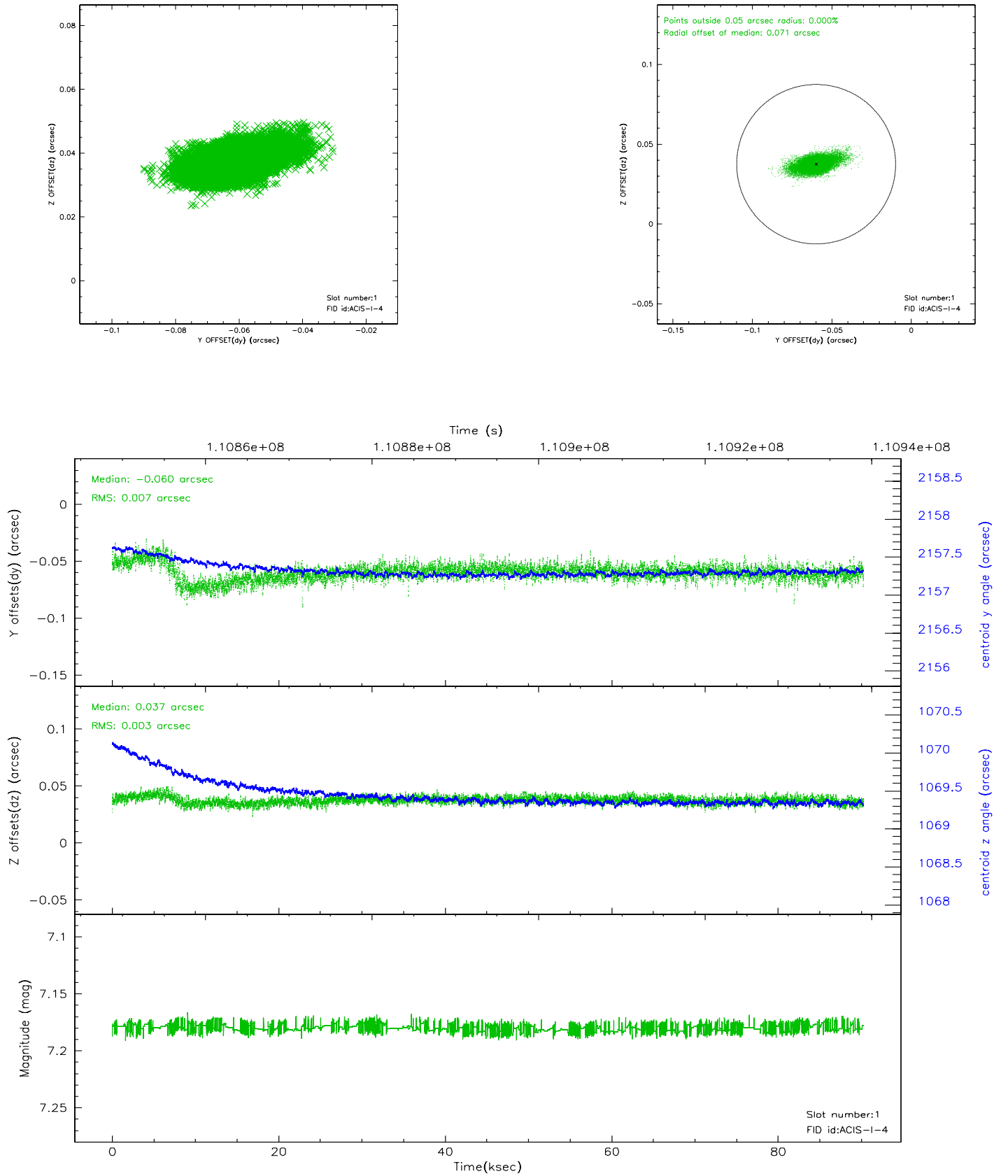


2.5 FID Slots

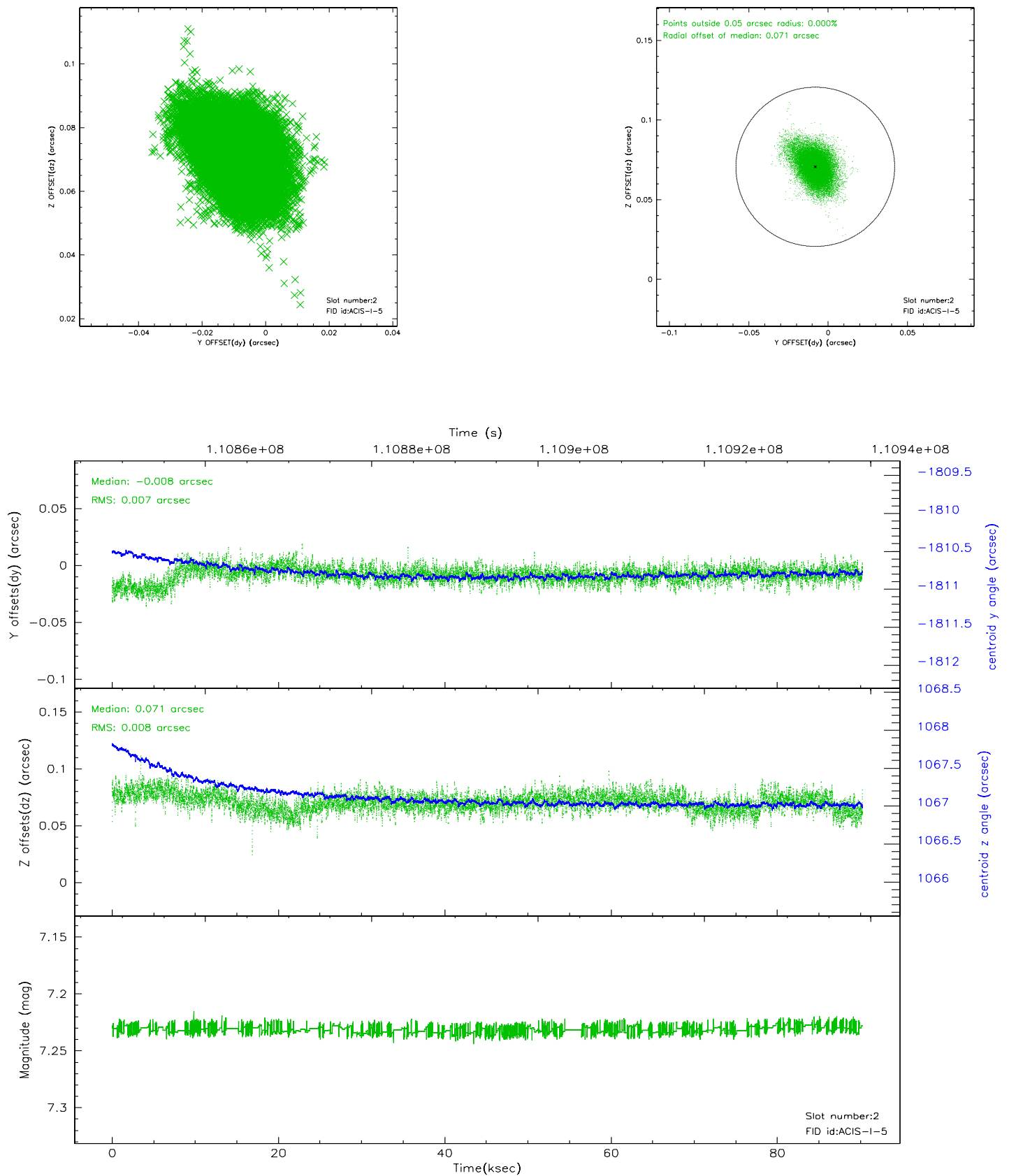
2.5.1 Slot 0



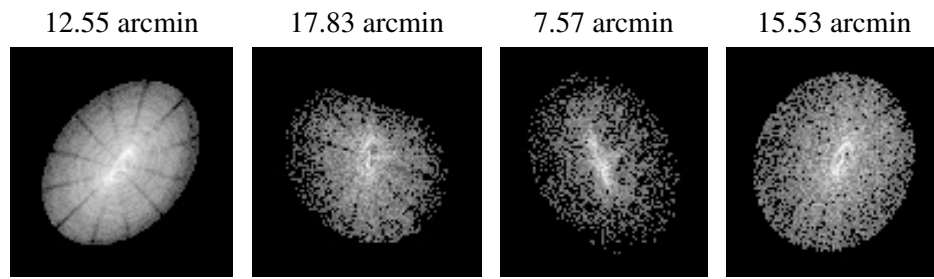
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.12.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	90

A.2 Comments