

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 4444 - L2 Version 001
Chandra X-Ray Center

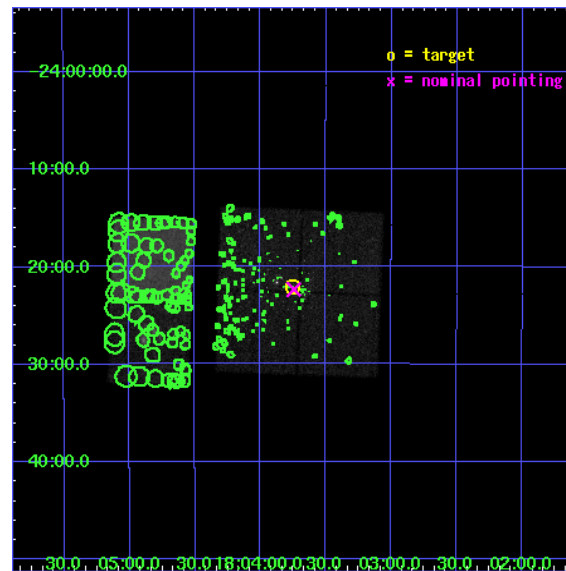
L2 Processing Date : Jul 12 2006

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1 Front

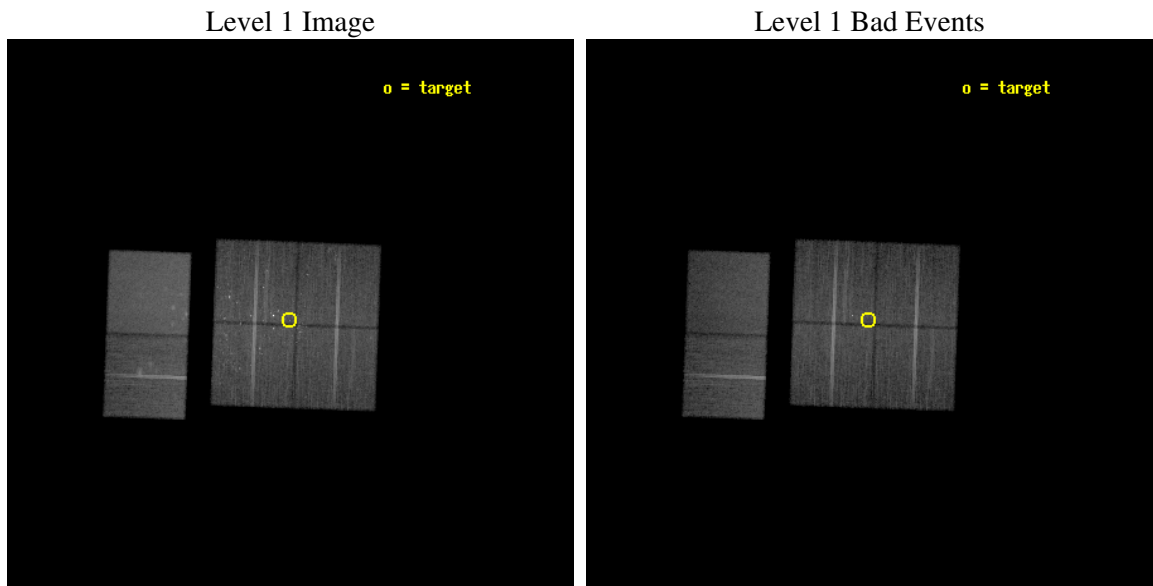
seq_num	200224
obs_id	4444
title	DEEP INSIDE THE LAGOON NEBULA
observer	Marc Gagne
object	M8
dtcycle	0
cycle	P
ra_targ	270.937917
dec_targ	-24.368056
ra_nom	270.93612093652
dec_nom	-24.372388425468
roll_nom	272.097954617
revision	2
ontime	30188.799887538
livetime	29806.531125849
ontime0	30185.558887333
ontime1	30188.799887538
ontime2	30188.799887538
ontime3	30188.799887538
ontime6	30188.799887538
ontime7	30188.799887538
l2events	243309



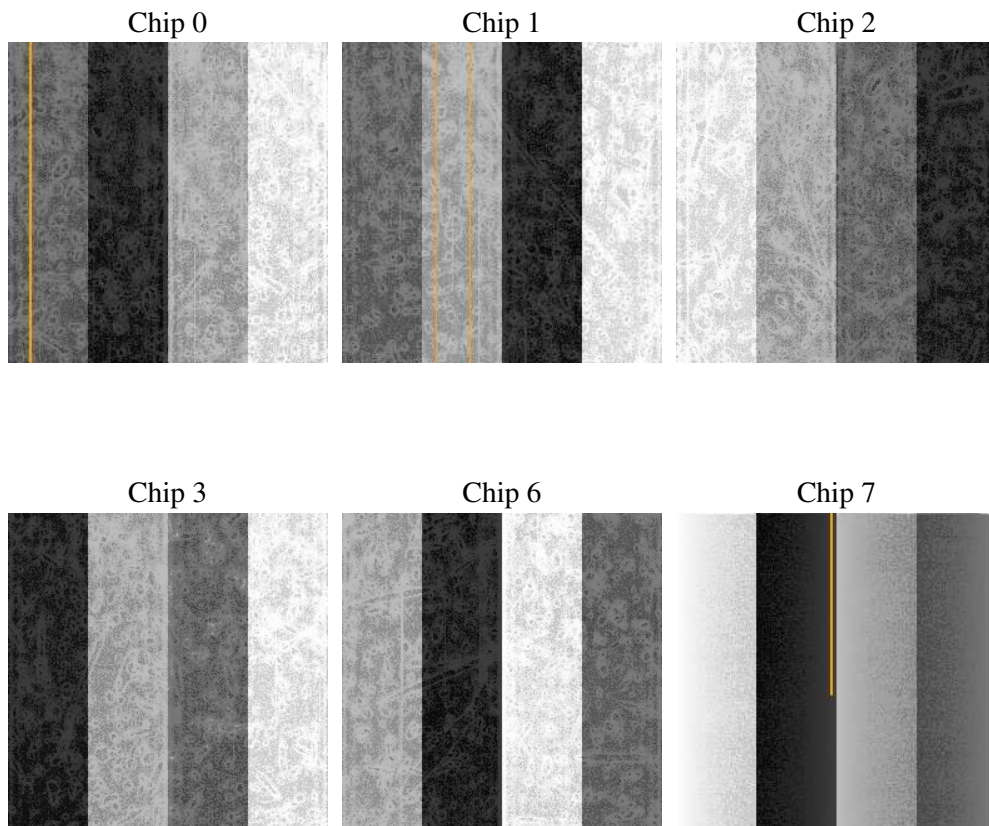
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.8
caldsver	3.2.2
date	2006-07-12T15:09:44
revision	2

sched_exp_time	30226.000000
ontime	30193.238017738
ontime0	30189.997017533
ontime1	30193.238017738
ontime2	30193.238017738
ontime3	30193.238017738
ontime6	30193.238017738
ontime7	30193.238037616
l1events	1224415

2.1.4 Events

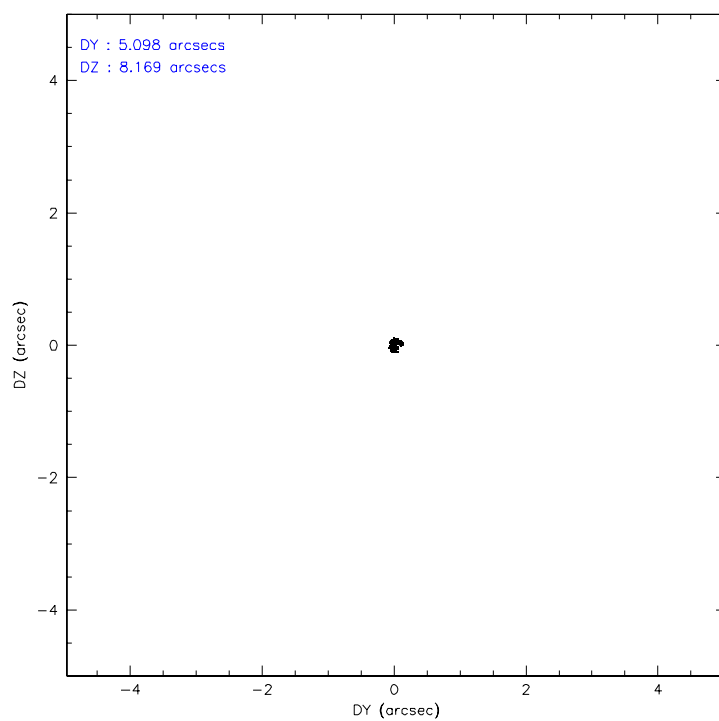
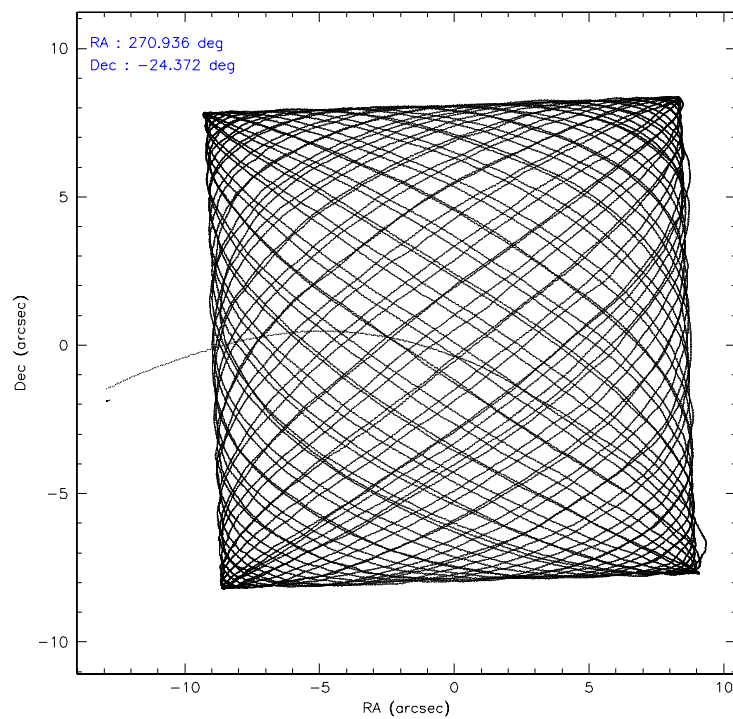
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	179082	176755	199394	204766	203902	260516
rejected events	152145	147949	168625	164941	171993	155108
rejected %	84%	83%	84%	80%	84%	59%

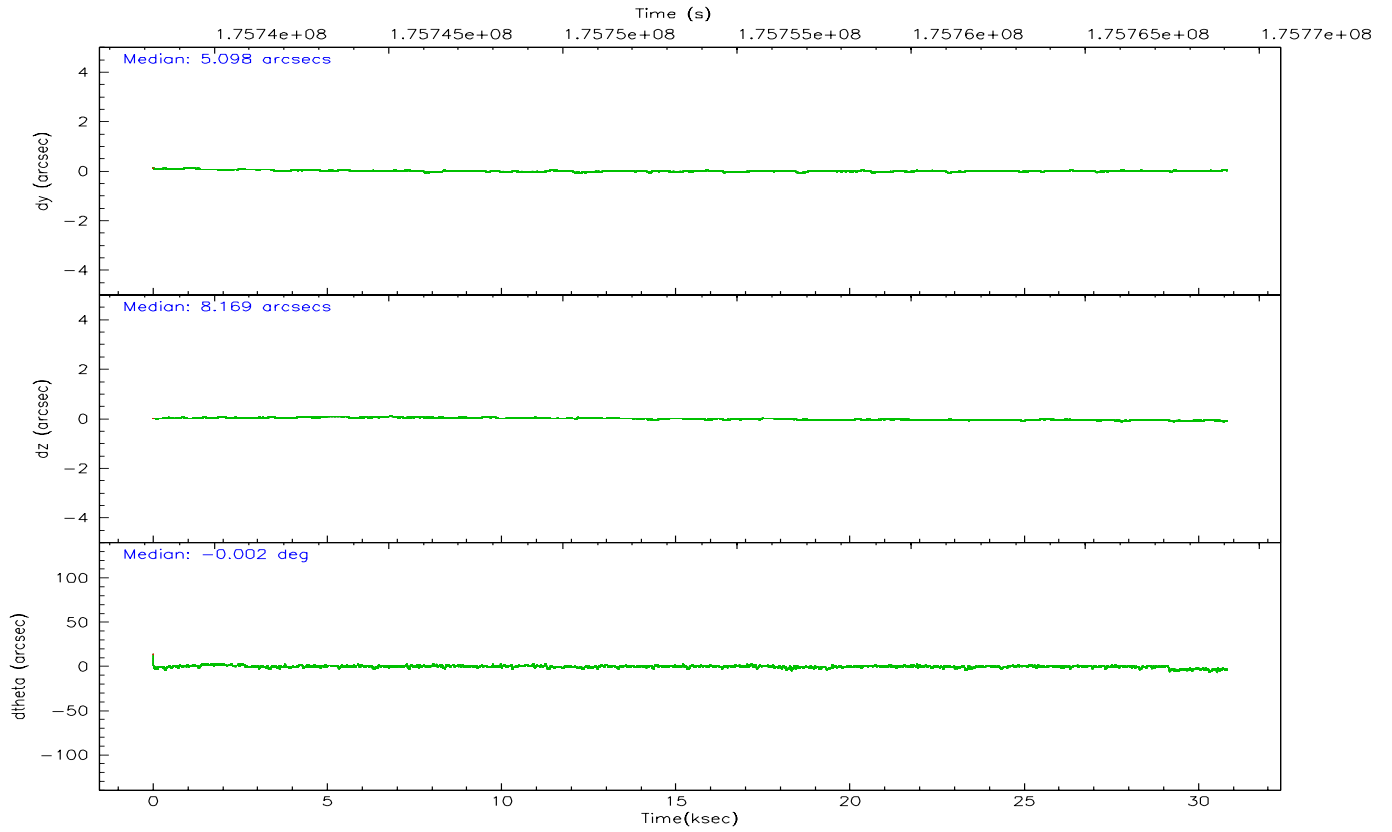
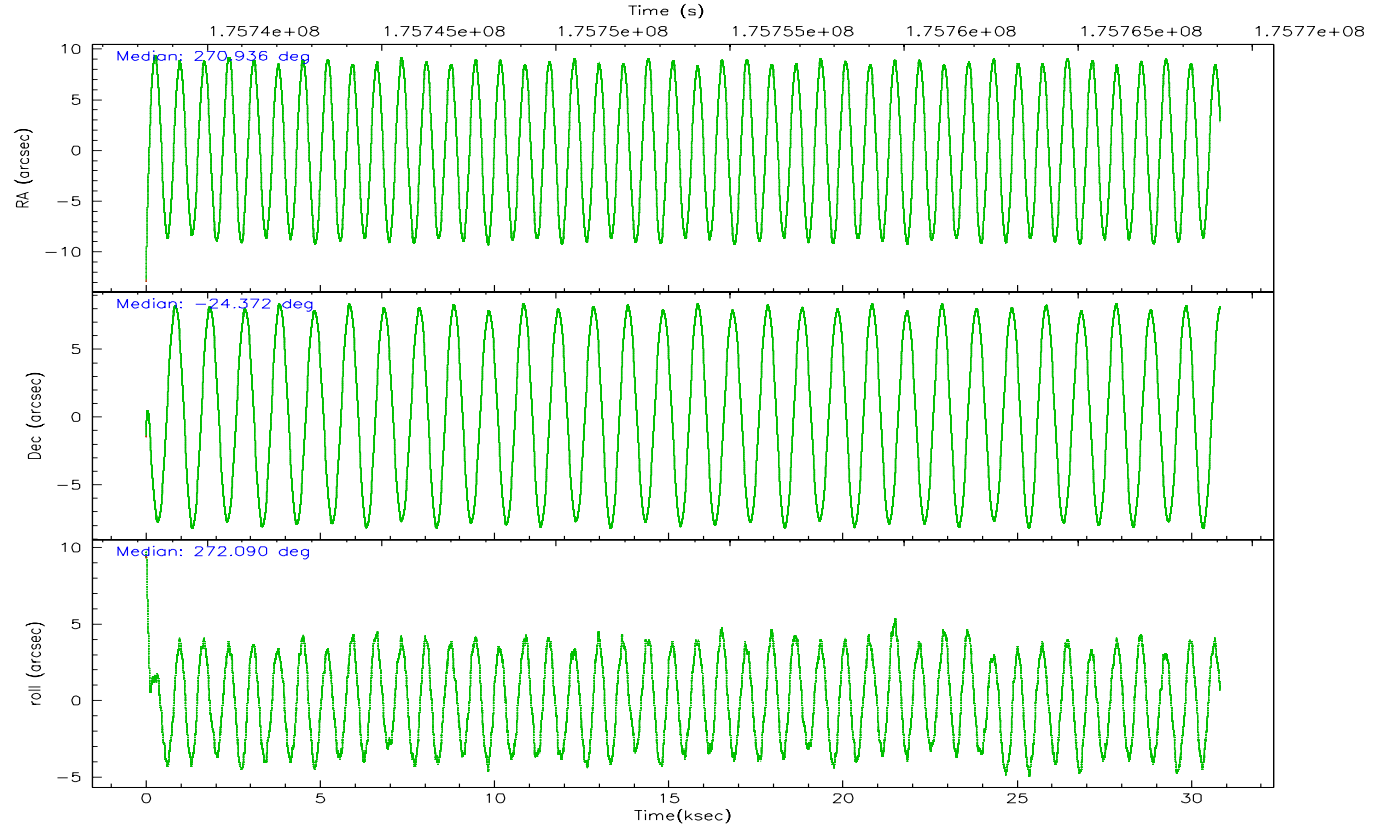
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	12558	12650	16616	23885	15960	7773
	7%	7%	8%	11%	7%	2%
grade 1 events	108	86	136	509	121	161
	0%	0%	0%	0%	0%	0%
grade 2 events	5478	6284	5601	6408	6168	26204
	3%	3%	2%	3%	3%	10%
grade 3 events	2288	2378	2242	2604	2375	5985
	1%	1%	1%	1%	1%	2%
grade 4 events	2251	2504	2314	2572	2393	5733
	1%	1%	1%	1%	1%	2%
grade 5 events	7277	7694	7154	8276	8459	16406
	4%	4%	3%	4%	4%	6%
grade 6 events	4365	4994	3998	4357	5015	59734
	2%	2%	2%	2%	2%	22%
grade 7 events	144757	140165	161333	156155	163411	138520
	80%	79%	80%	76%	80%	53%

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	270.920027	270.9361209365179	Alternating exposures requested	N	N
Pointing Dec	-24.349246	-24.37238842546837	Primary exposure time	0.000000	3.2
Pointing Roll	271.882629	272.0979546170041			
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	175738839.184000	175737671.06376			
Observation start date	2003-07-28T00:19:35	2003-07-28T00:01:11			
Observation end time	175769065.184000	175769998.02764			
Observation end date	2003-07-28T08:43:21	2003-07-28T08:59:58			
Read mode	TIMED	TIMED			

2.3 Aspect



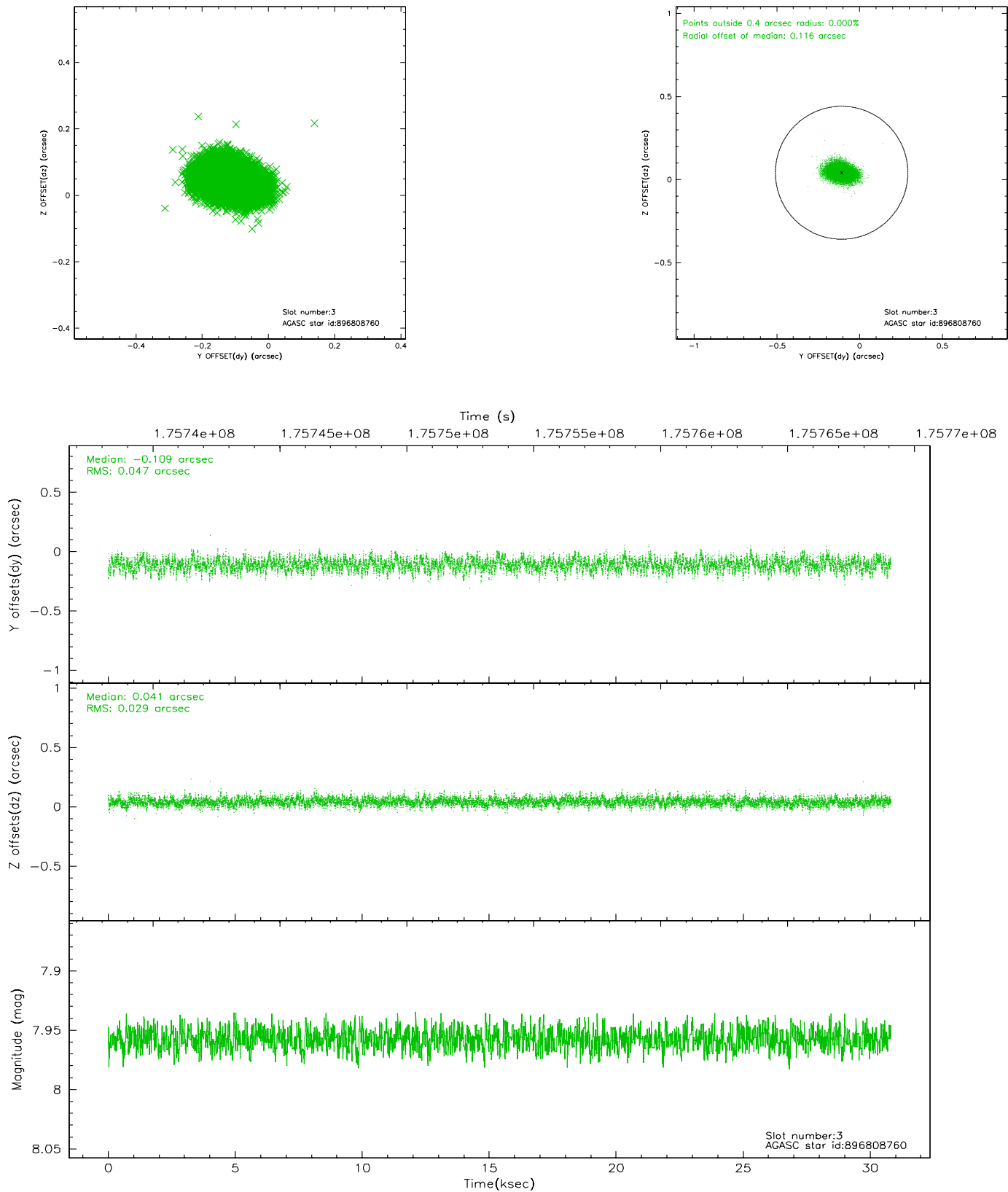


Slot Statistics

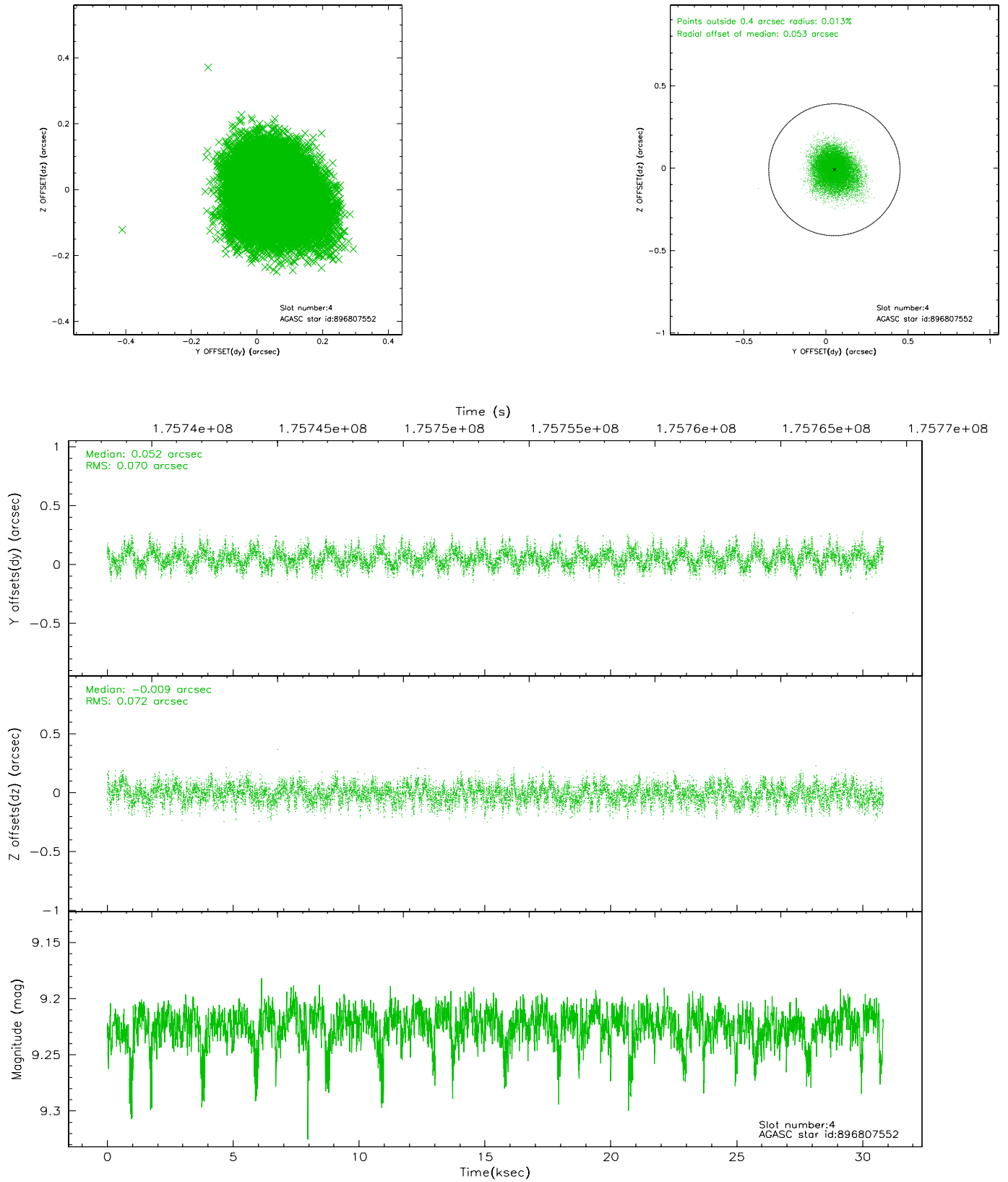
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-2	7.13	7519	-0.111	-0.035	0.008	0.020	0.000000	0.000000	-759.66	-837.98
1	FID	ACIS-I-4	7.19	7518	0.045	0.068	0.010	0.030	0.000000	0.000000	2154.54	1068.24
2	FID	ACIS-I-6	7.25	7519	-0.034	0.029	0.012	0.037	0.000000	0.000000	400.60	1710.47
3	GUIDE	896808760	7.96	15034	-0.109	0.041	0.058	0.098	271.232719	-23.698206	-2307.54	1107.06
4	GUIDE	896807552	9.22	15027	0.052	-0.009	0.108	0.169	271.624054	-24.159158	-602.37	2333.63
5	GUIDE	897321504	8.81	15035	0.081	-0.060	0.094	0.151	270.176705	-24.677132	1107.06	-2468.93
6	GUIDE	897321352	7.41	15036	-0.040	0.016	0.045	0.079	270.295938	-25.001856	2286.47	-2112.27
7	GUIDE	897320616	8.75	15034	0.016	0.012	0.064	0.103	271.238620	-24.710058	1333.91	998.82

2.4 Star Slots

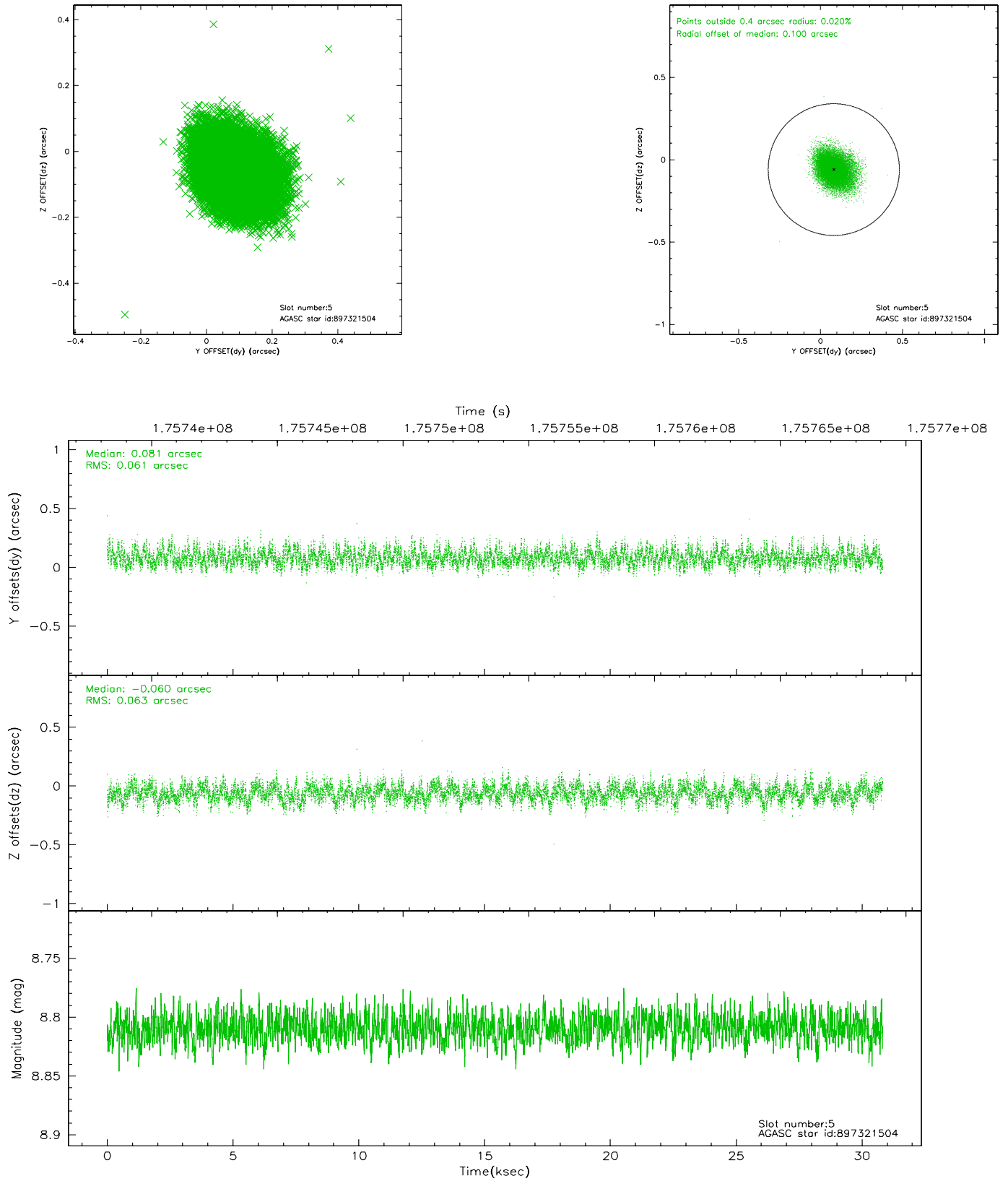
2.4.1 Slot 3



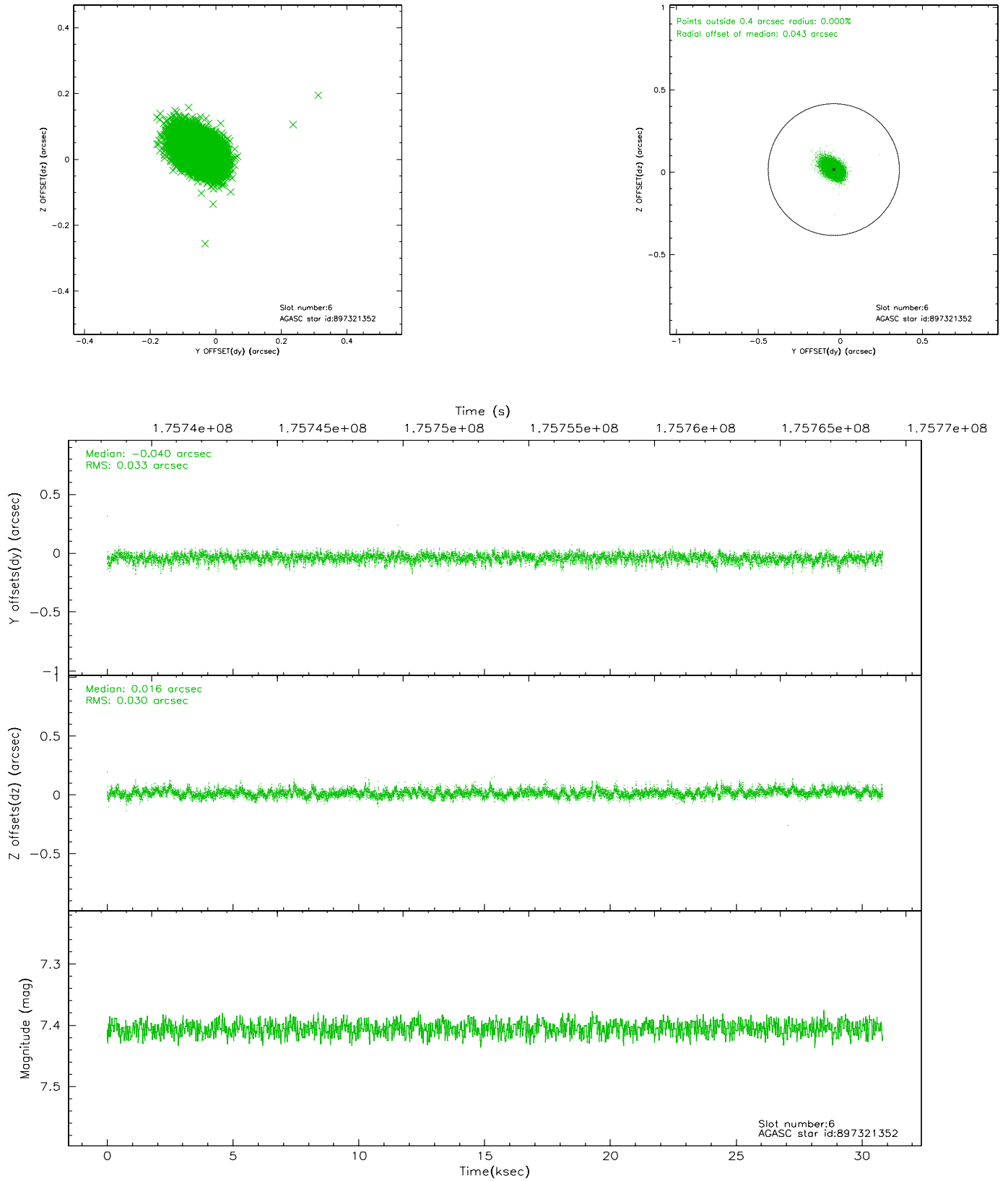
2.4.2 Slot 4



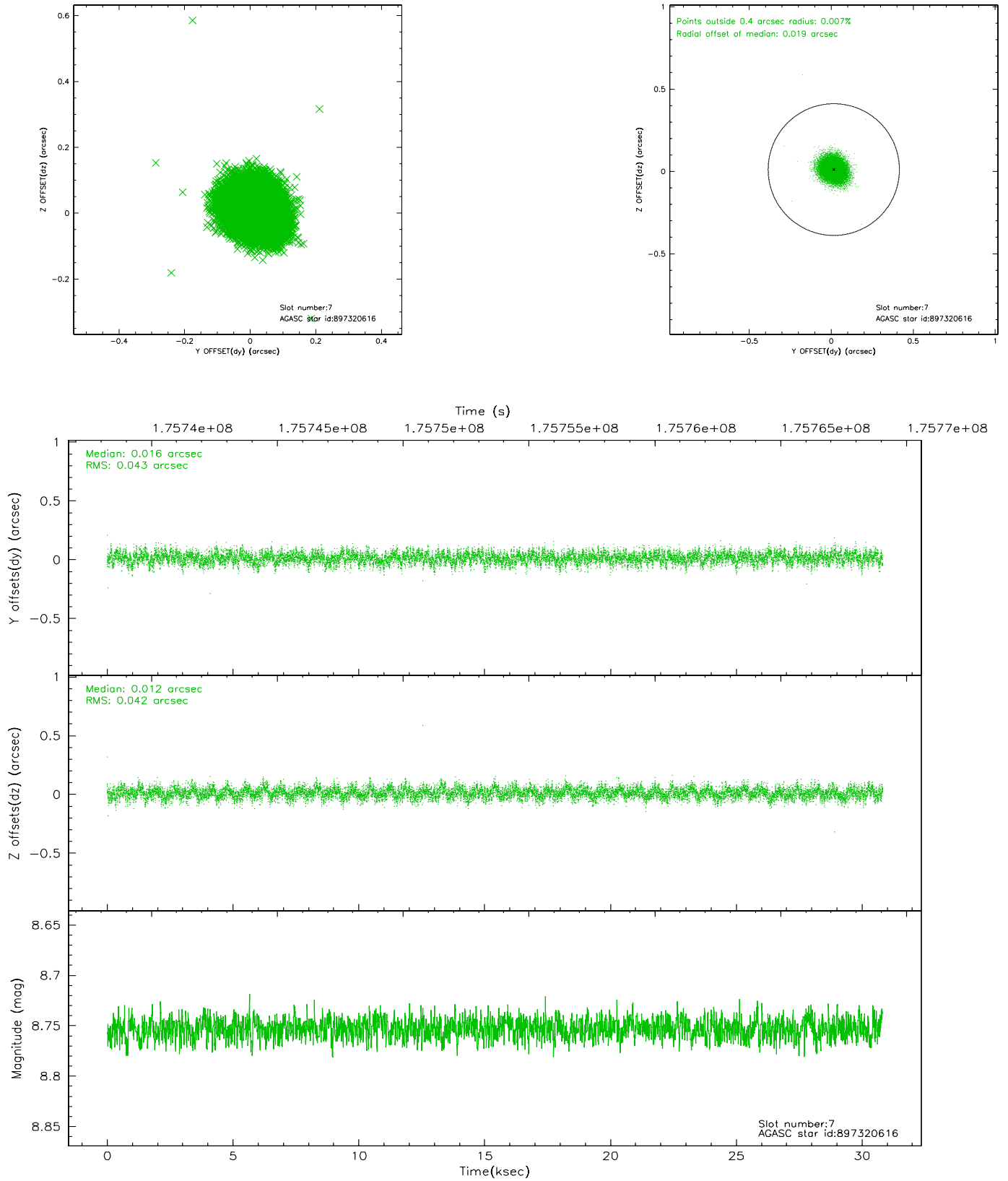
2.4.3 Slot 5



2.4.4 Slot 6

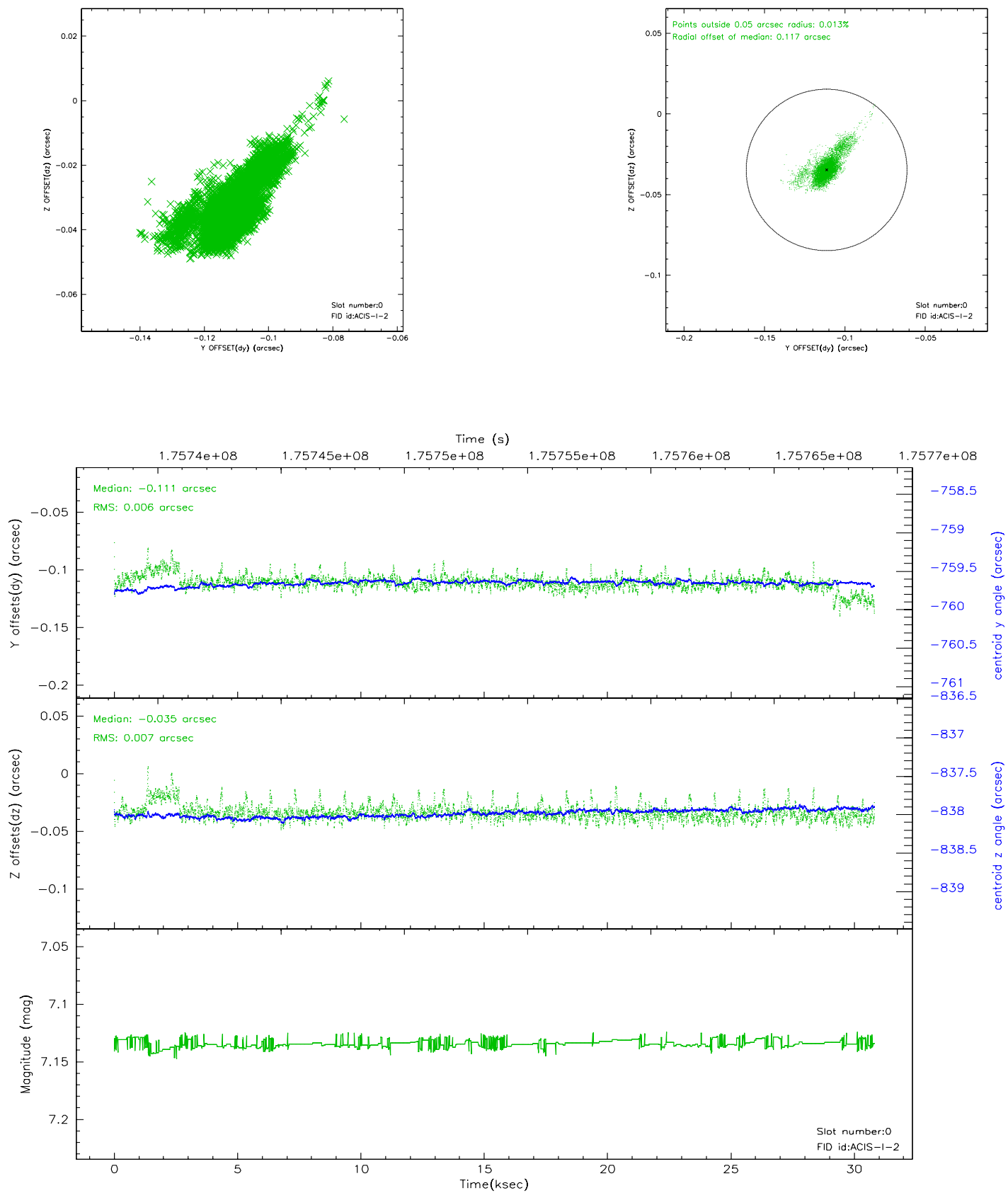


2.4.5 Slot 7

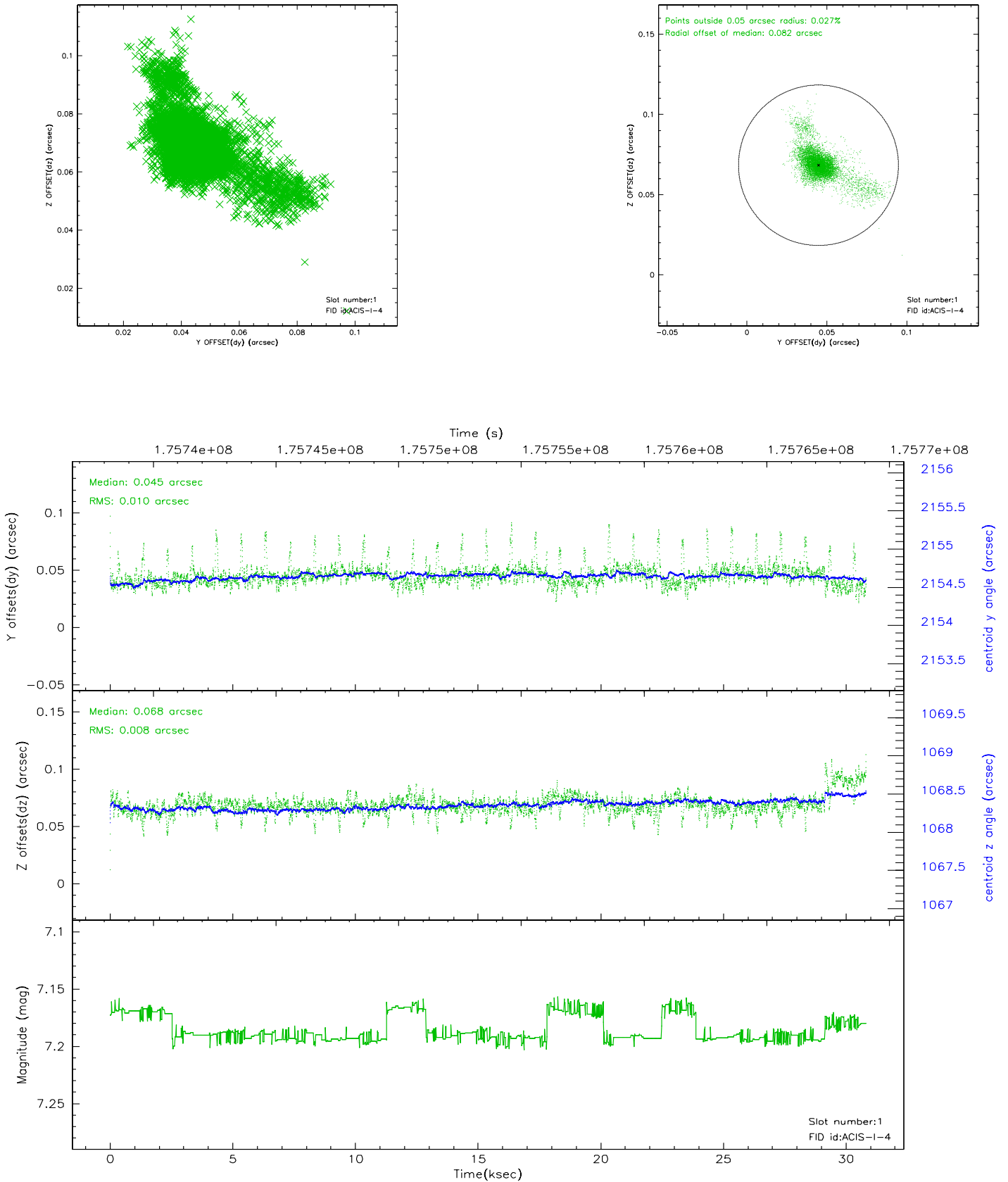


2.5 FID Slots

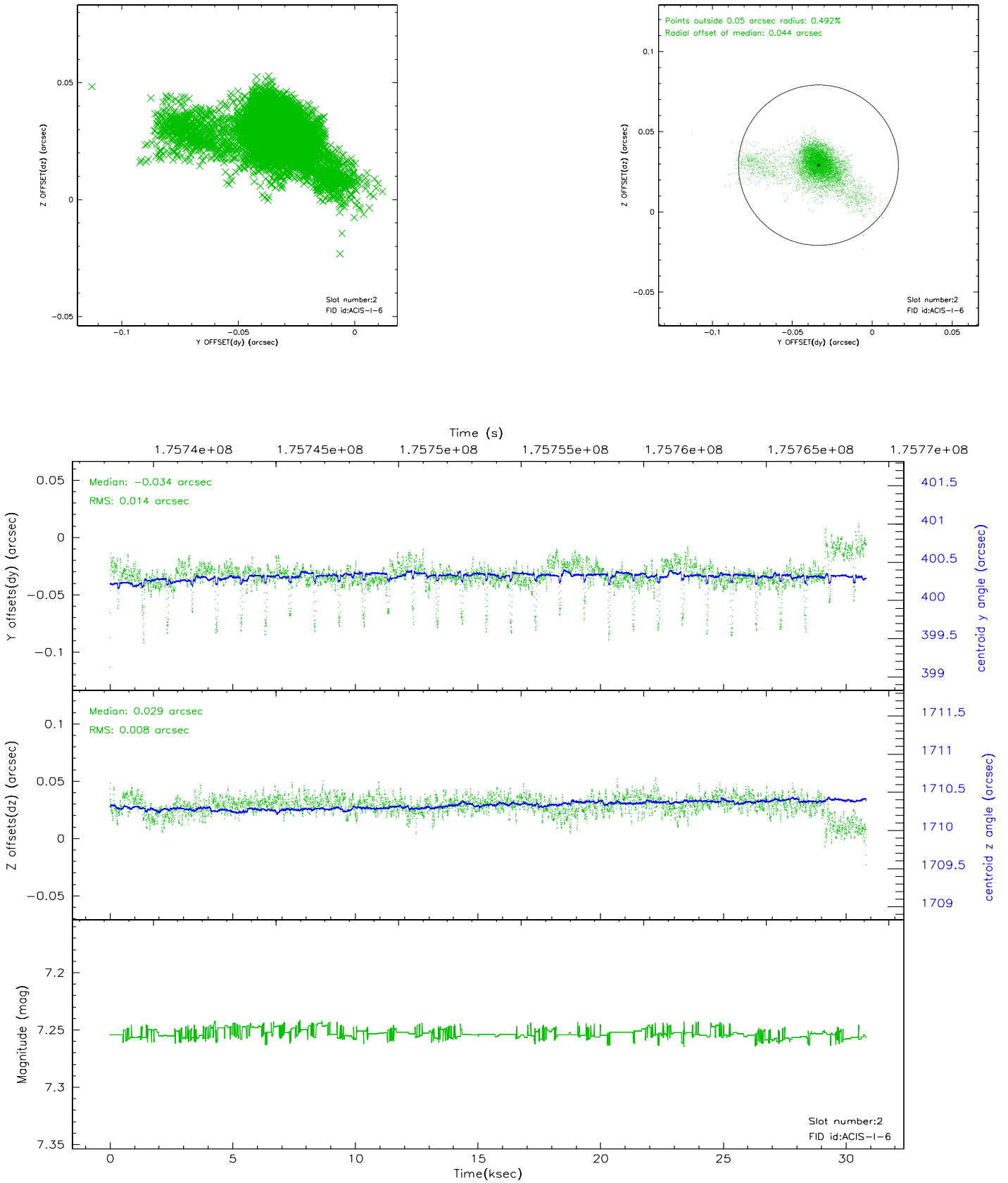
2.5.1 Slot 0



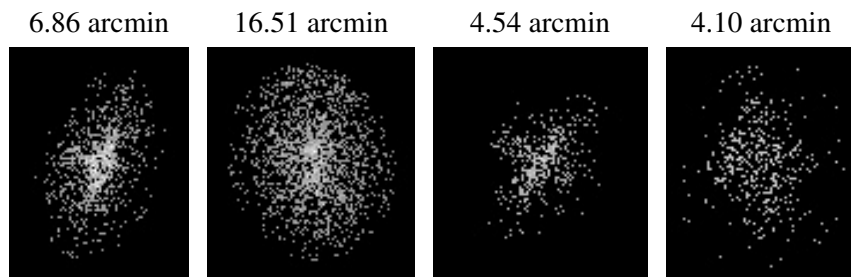
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.07.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	30.188

A.2 Comments

The ACIS focal plane temperature is above calibration limits of the first 20 ksec of the observation.