

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2014 - L2 Version 001
Chandra X-Ray Center

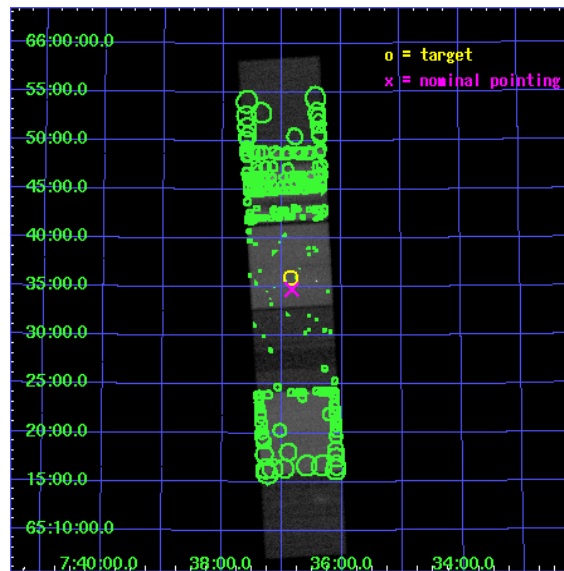
L2 Processing Date : Nov 14 2006

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1 Front

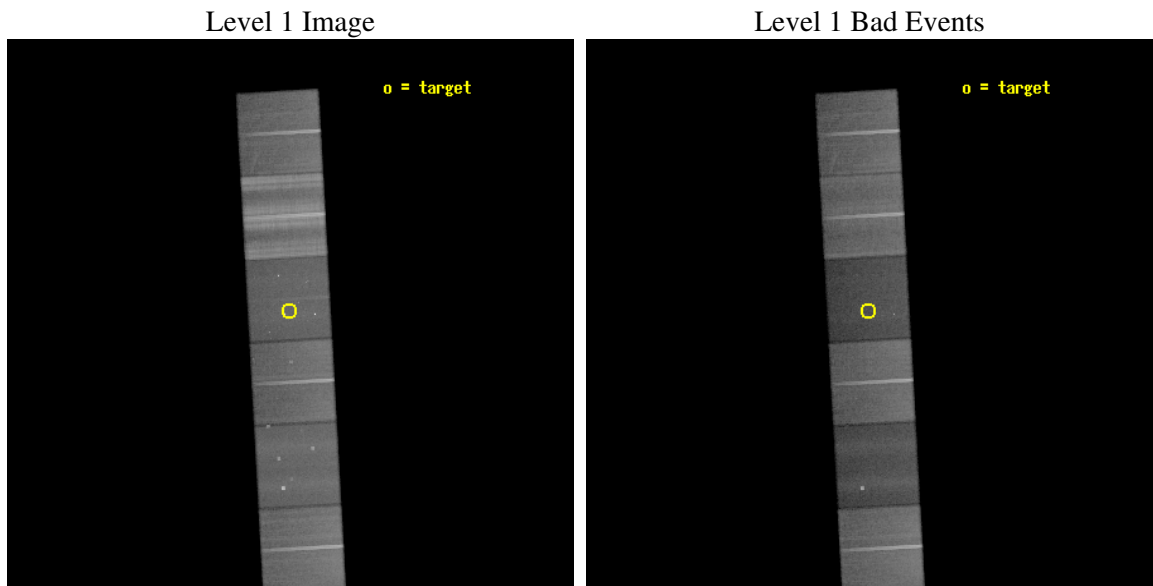
seq_num	600148
obs_id	2014
title	THE `EFFERVESCENT' SPIRAL GALAXY NGC2403
observer	DR MASSIMO CAPPI
object	NGC2403
dtcycle	0
cycle	P
ra_targ	114.21625
dec_targ	65.600167
ra_nom	114.20913889865
dec_nom	65.579502656883
roll_nom	266.79426799565
revision	2
ontime	36051.159073323
livetime	35594.657589735
ontime4	36051.159083337
ontime5	36051.159073323
ontime6	36054.400033578
ontime7	36051.159073323
ontime8	36041.436172694
ontime9	36041.436282352
l2events	760915



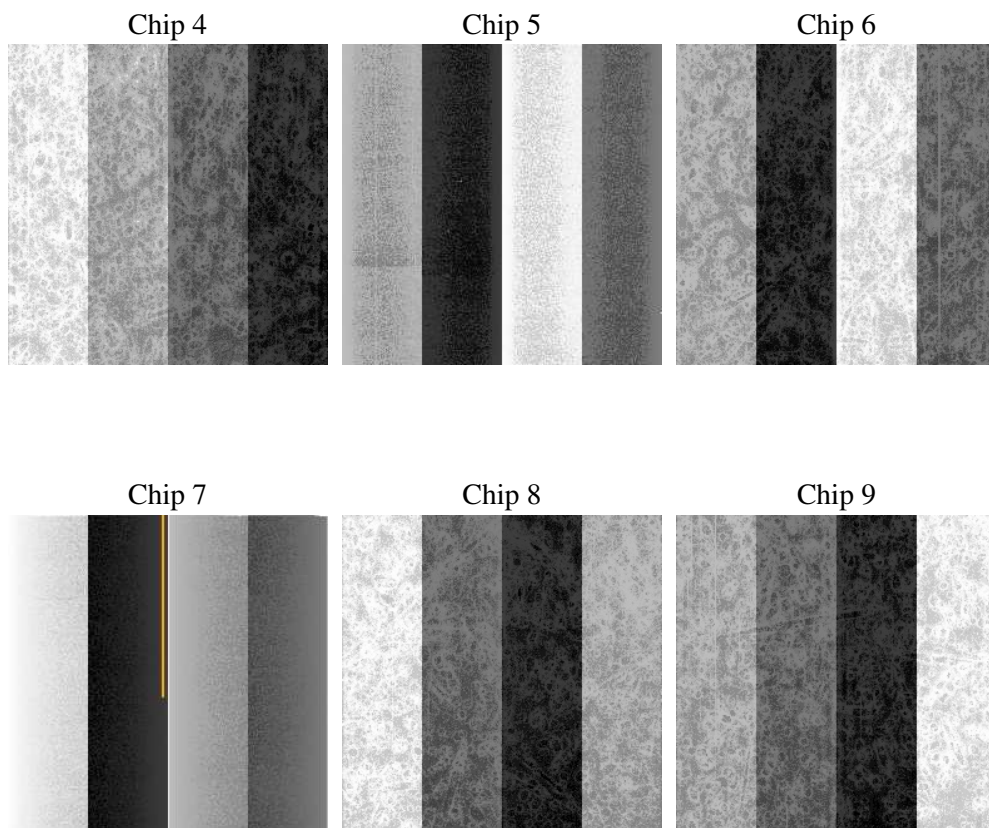
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.9
caldsver	3.2.4
date	2006-11-14T18:34:35
revision	2

sched_exp_time	36000.000000
ontime	36094.983599097
ontime4	36094.98360911
ontime5	36094.983599097
ontime6	36098.224559352
ontime7	36094.983599097
ontime8	36085.260668531
ontime9	36085.260778189
l1events	3230043

2.1.4 Events

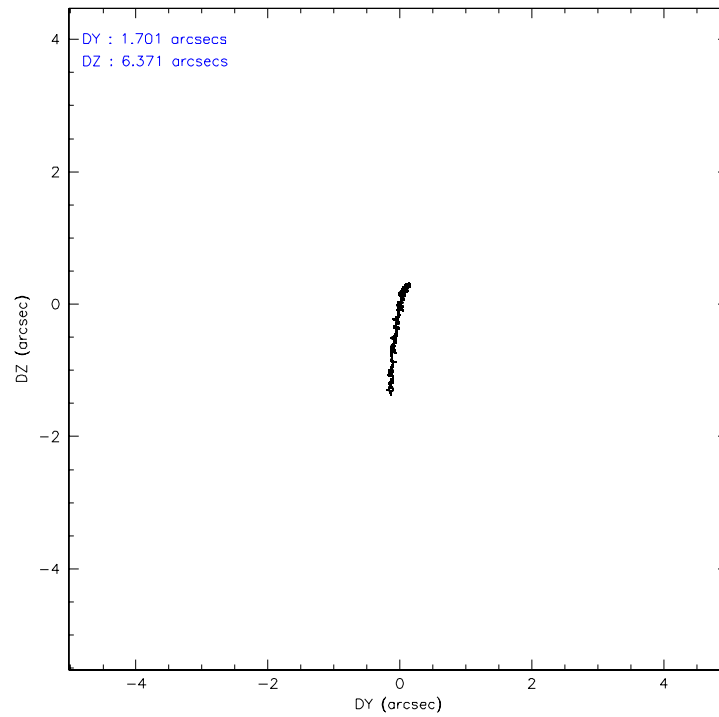
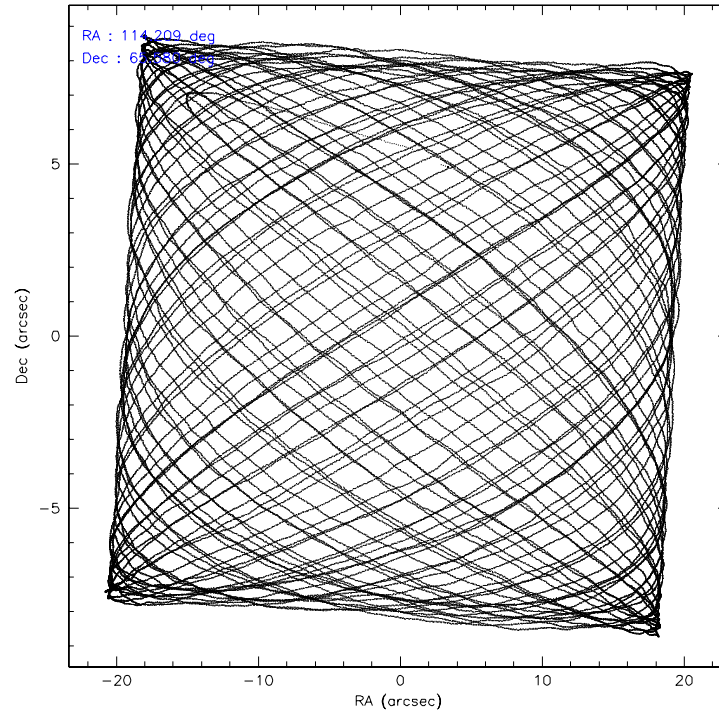
	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	572080	443916	504769	396017	841922	471339
rejected events	495373	221936	441186	201292	462208	407722
rejected %	86%	49%	87%	50%	54%	86%

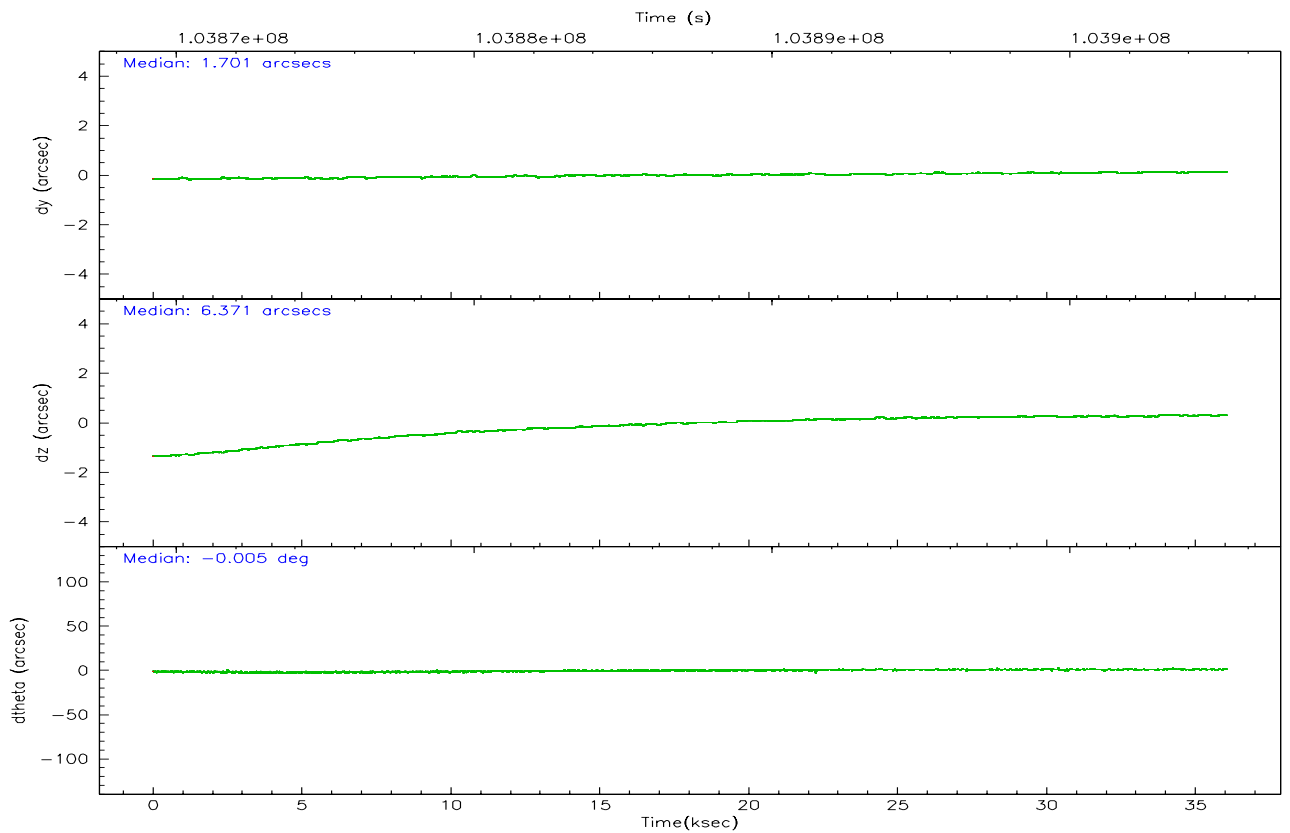
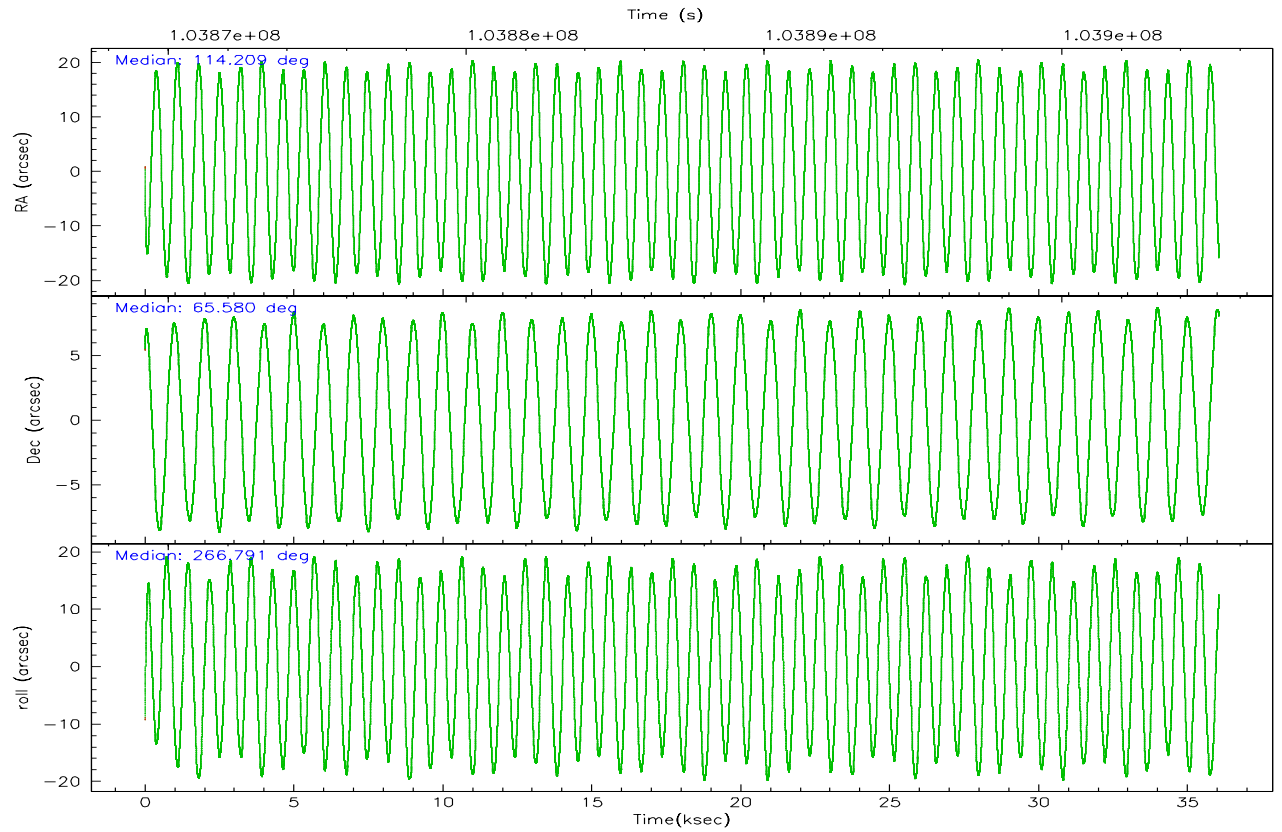
	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	35437	18011	29943	16733	127341	28437
	6%	4%	5%	4%	15%	6%
grade 1 events	483	780	286	459	1314	278
	0%	0%	0%	0%	0%	0%
grade 2 events	21349	78501	14728	54541	57596	15659
	3%	17%	2%	13%	6%	3%
grade 3 events	4660	9203	4441	12162	63390	4579
	0%	2%	0%	3%	7%	0%
grade 4 events	4638	7863	4329	11778	55959	4364
	0%	1%	0%	2%	6%	0%
grade 5 events	8288	21451	9610	22617	16781	9678
	1%	4%	1%	5%	1%	2%
grade 6 events	10703	108715	10232	99748	76029	10670
	1%	24%	2%	25%	9%	2%
grade 7 events	486522	199392	431200	177979	443512	397674
	85%	44%	85%	44%	52%	84%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-456789	ACIS-456789	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	114.178770	114.209138898654	Subarray requested	NONE	NONE
Pointing Dec	65.603743	65.57950265688298	Alternating exposures requested	N	N
Pointing Roll	266.665302	266.7942679956496	Primary exposure time	0.000000	3.2
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	103869288.184000	103868297.14265			
Observation start date	2001-04-17T04:33:44	2001-04-17T04:18:17			
Observation end time	103905288.184000	103906510.16913			
Observation end date	2001-04-17T14:33:44	2001-04-17T14:55:10			
Read mode	TIMED	TIMED			

2.3 Aspect



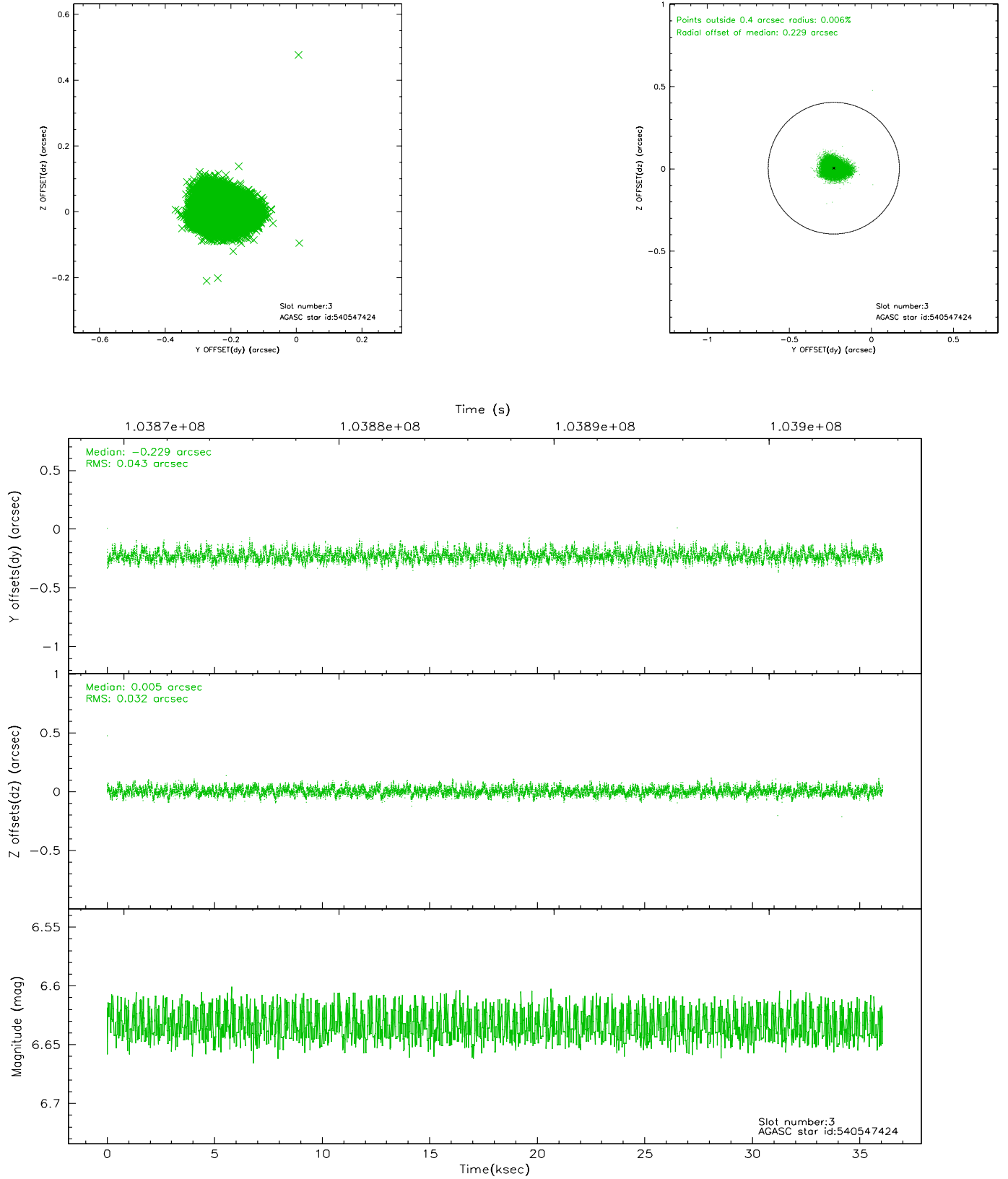


Slot Statistics

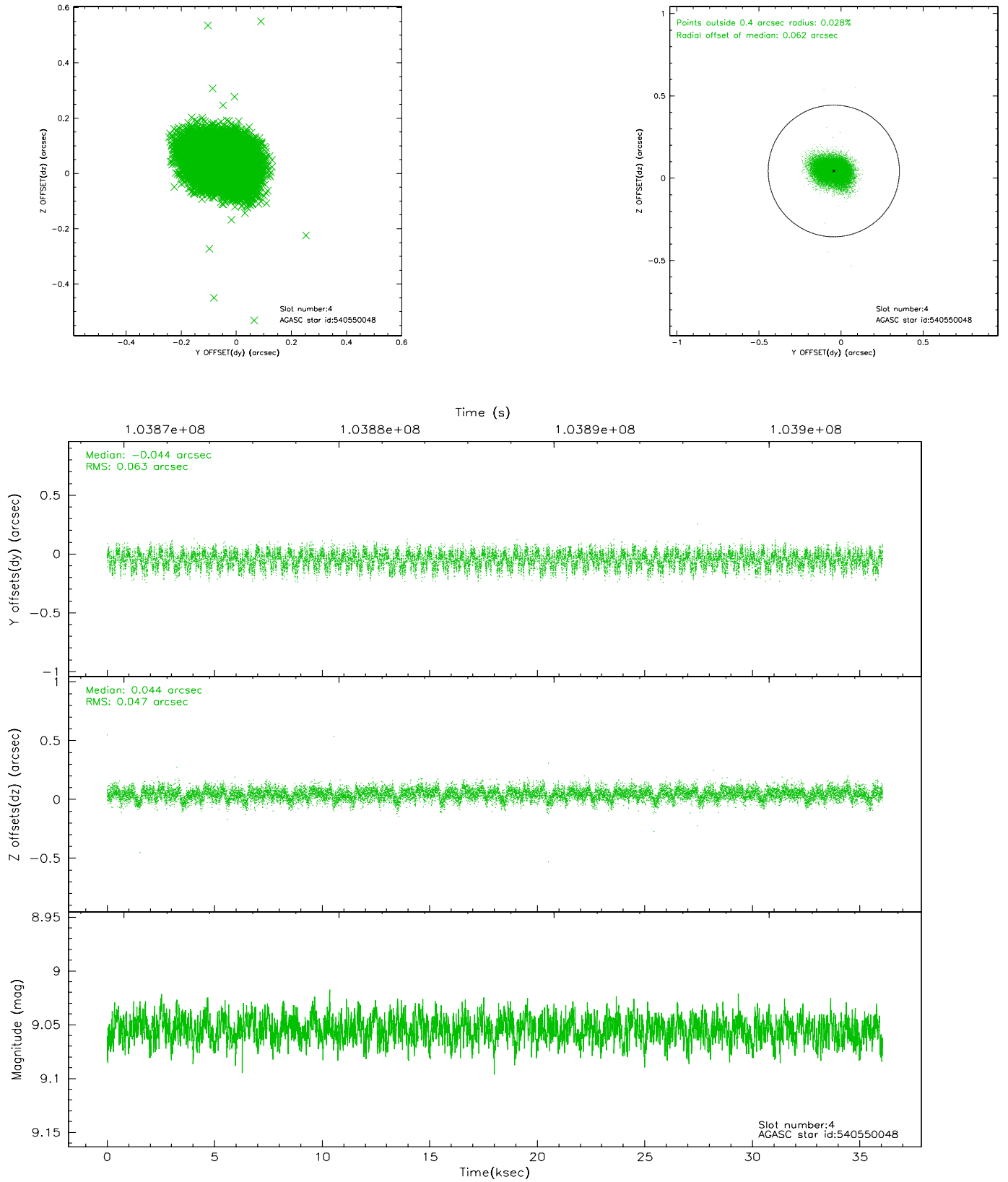
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	8796	-0.022	0.029	0.009	0.014	0.000000	0.000000	-754.30	-1727.31
1	FID	ACIS-S-4	7.20	8794	-0.087	0.003	0.008	0.015	0.000000	0.000000	2158.87	181.15
2	FID	ACIS-S-5	7.24	8793	0.077	-0.023	0.007	0.012	0.000000	0.000000	-1807.03	174.79
3	GUIDE	540547424	6.63	17588	-0.229	0.005	0.057	0.091	114.620112	66.235167	-2308.50	506.41
4	GUIDE	540550048	9.05	17575	-0.044	0.044	0.084	0.133	115.553624	65.846827	-1013.34	1969.12
5	GUIDE	540021128	8.39	17573	0.135	0.002	0.061	0.097	114.291258	65.330448	972.77	225.78
6	GUIDE	540548768	8.52	17585	0.043	0.053	0.057	0.095	113.788166	65.673634	-218.57	-593.36
7	GUIDE	540021904	8.74	17585	0.097	-0.102	0.057	0.092	114.203372	65.242134	1297.99	112.34

2.4 Star Slots

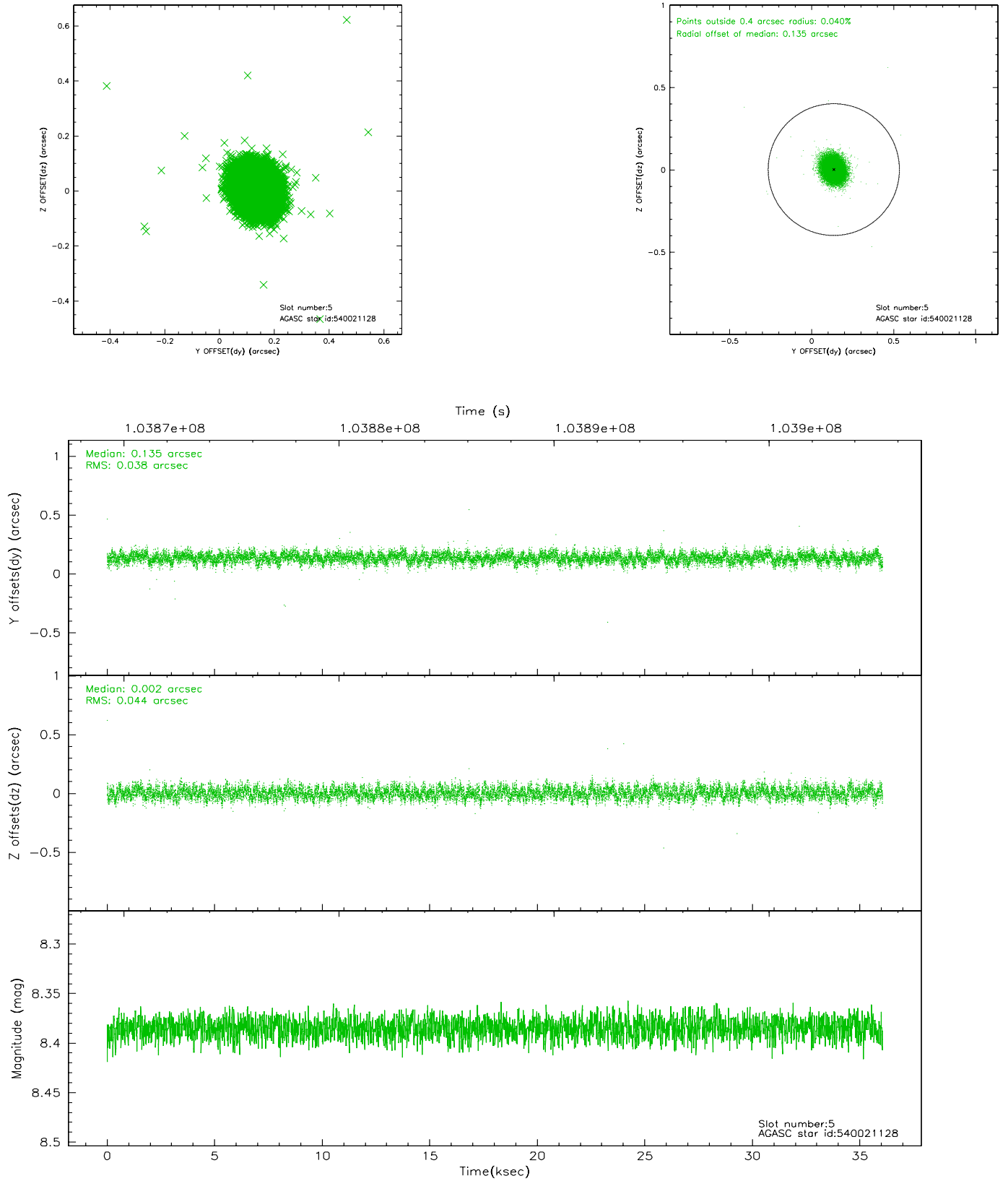
2.4.1 Slot 3



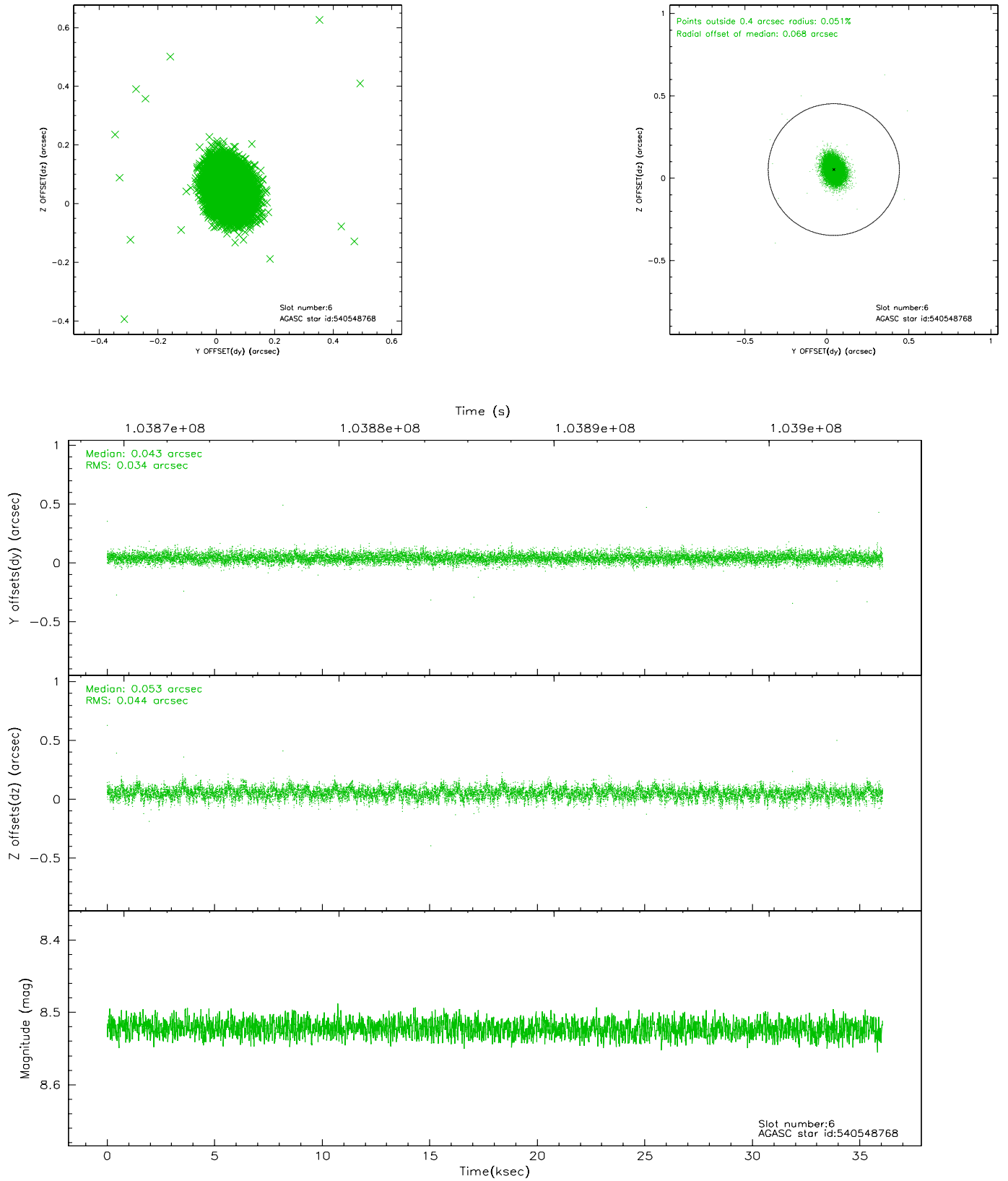
2.4.2 Slot 4



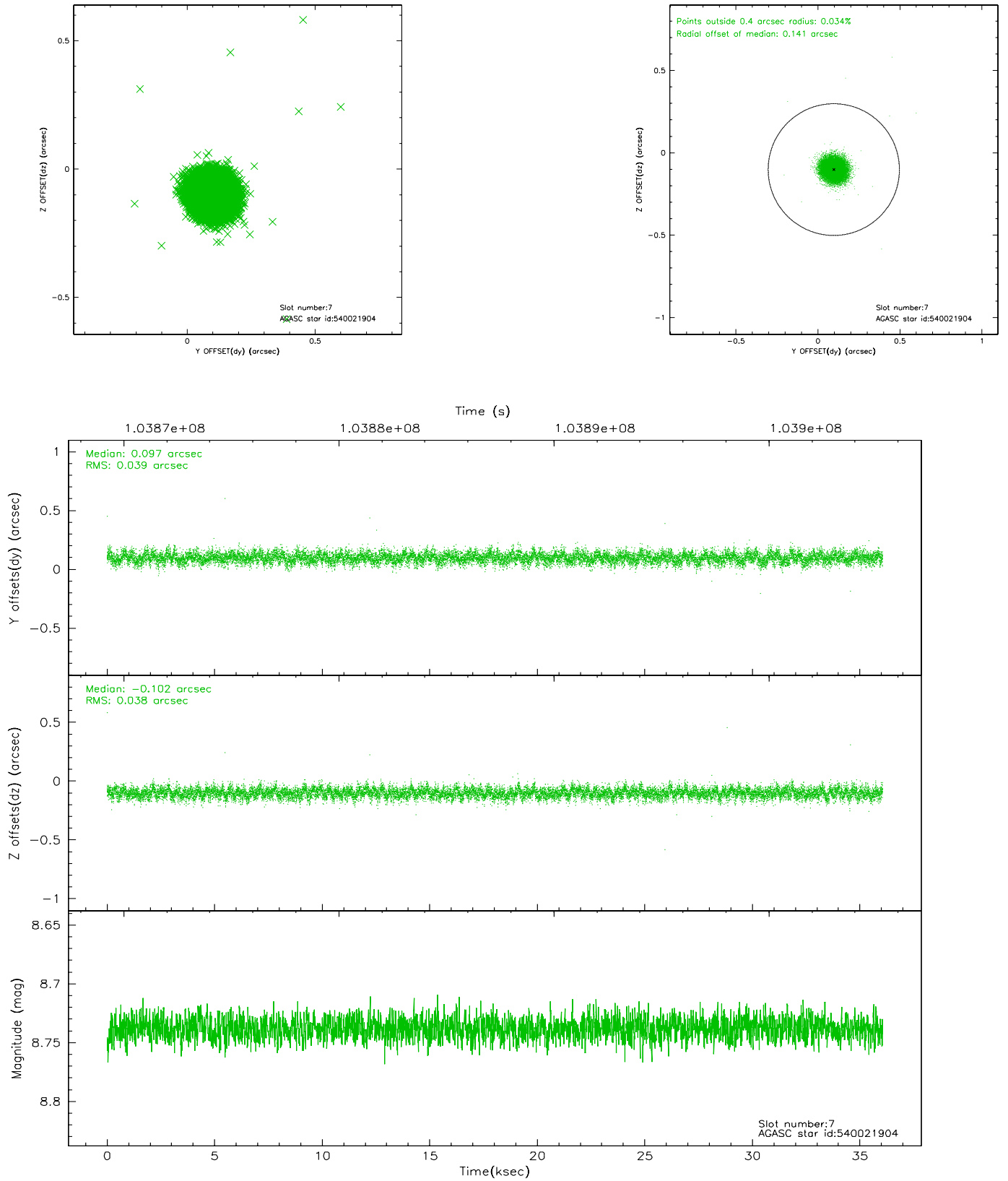
2.4.3 Slot 5



2.4.4 Slot 6

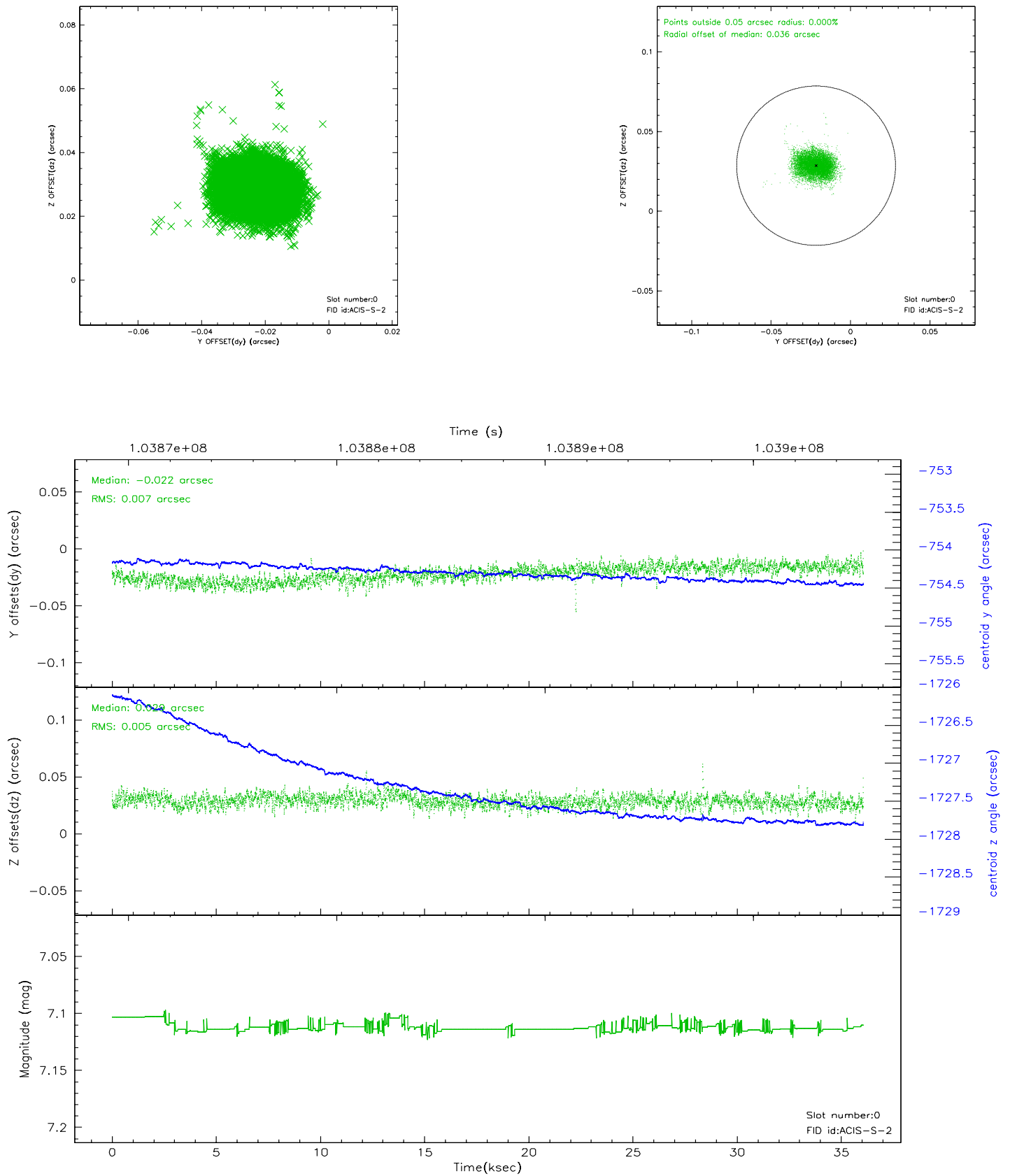


2.4.5 Slot 7

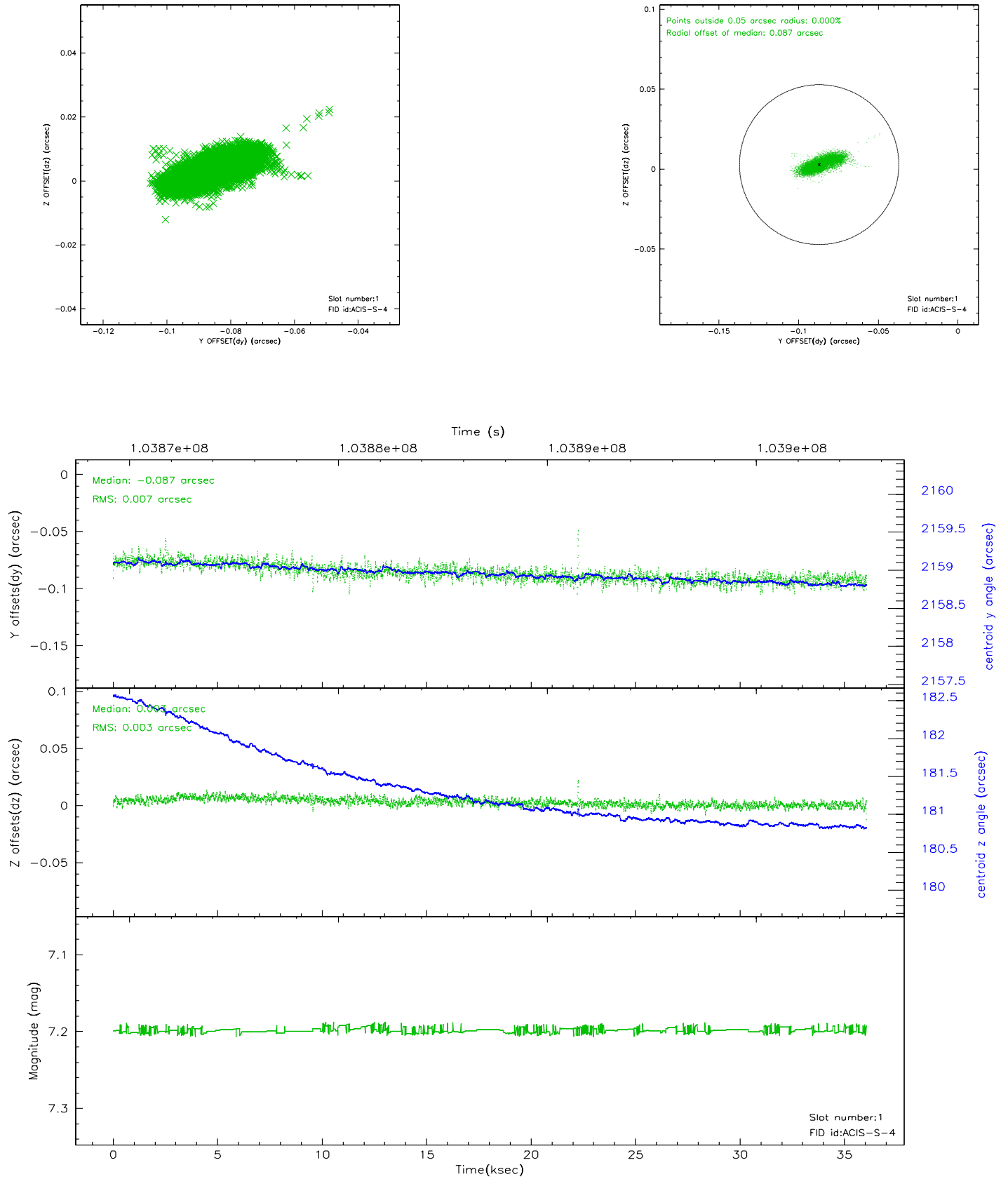


2.5 FID Slots

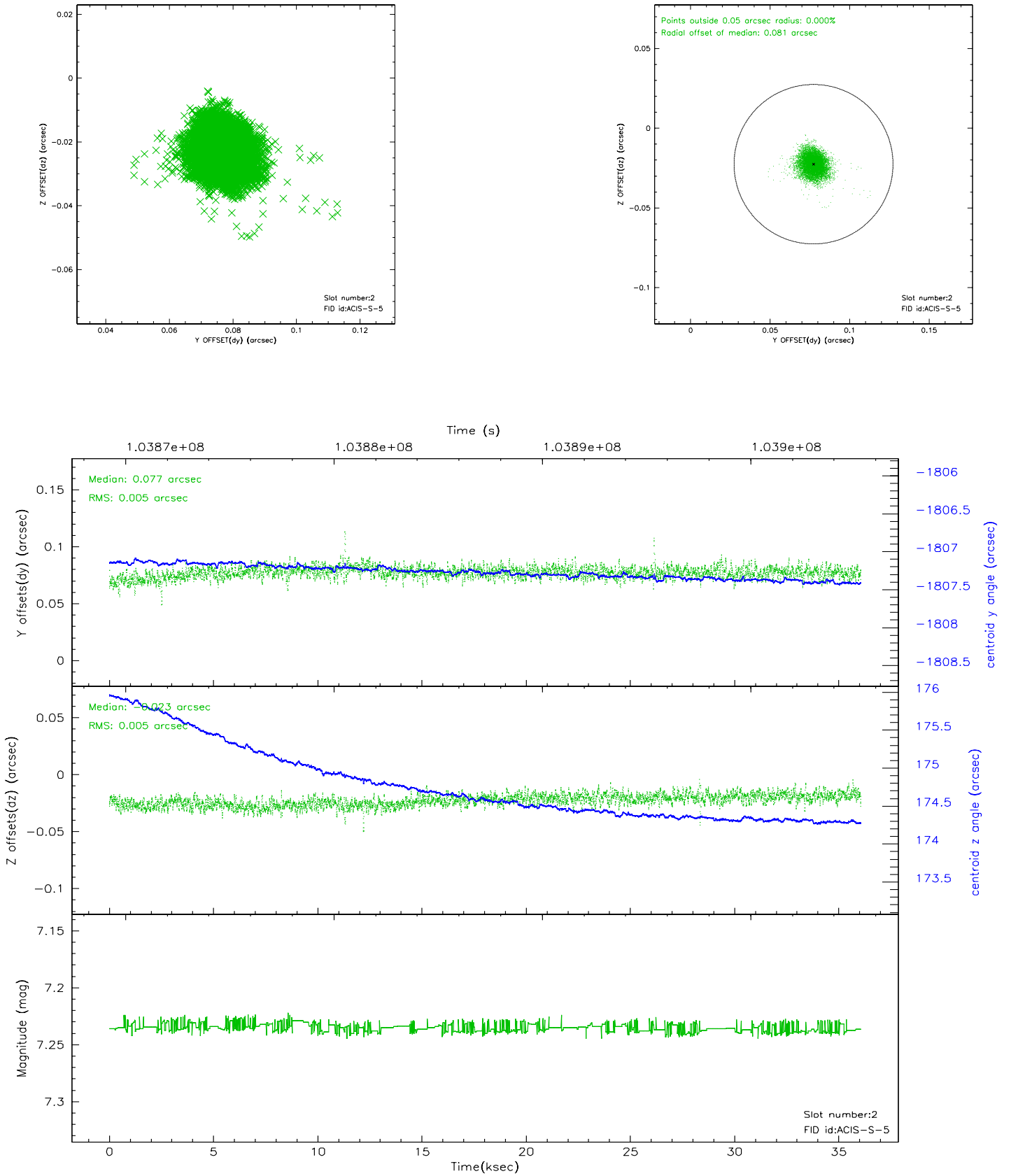
2.5.1 Slot 0



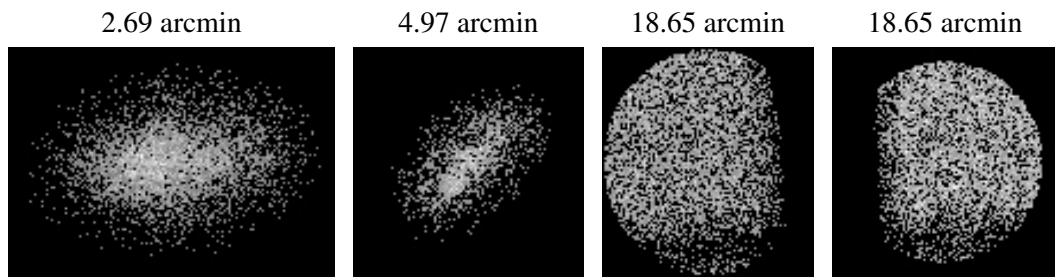
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.11.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	36

A.2 Comments