

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 3008 - L2 Version 001
Chandra X-Ray Center

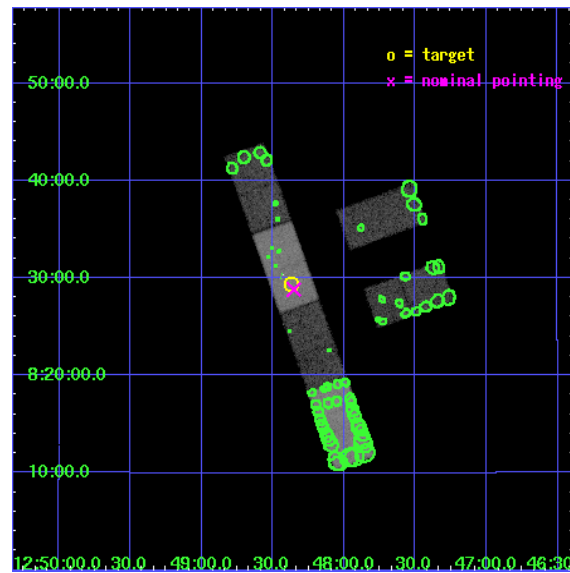
L2 Processing Date : Sep 19 2006

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1 Front

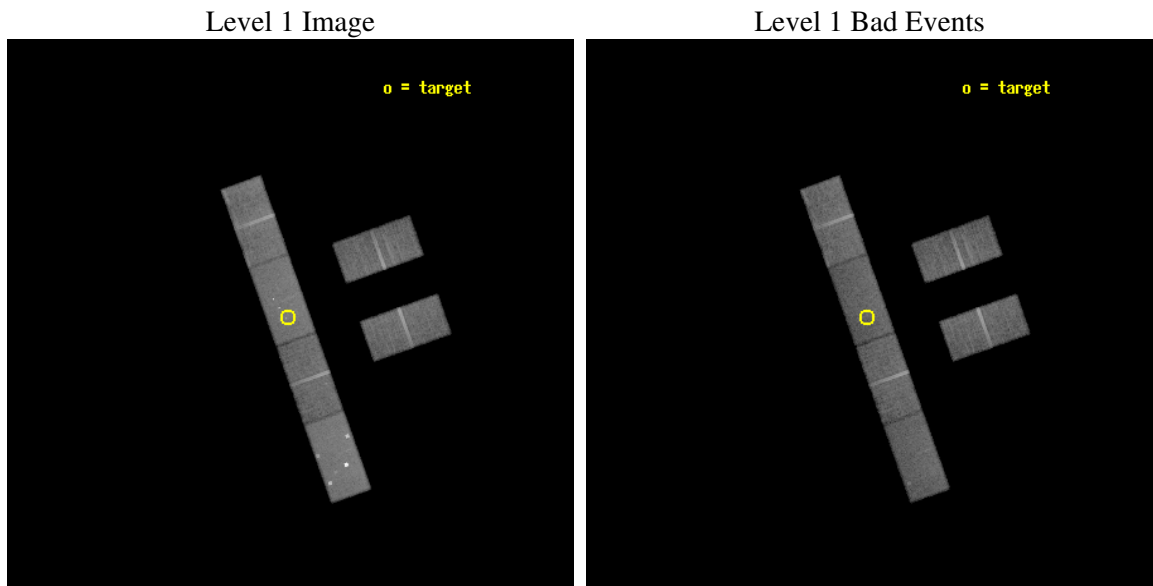
seq_num	700447
obs_id	3008
title	NGC4698: A SEYFERT-2 GALAXY WITH NO OBSCURING COLUMN
observer	Dr Ioannis Georgantopoulos
object	NGC4698
dtcycle	0
cycle	P
ra_targ	192.092917
dec_targ	8.488889
ra_nom	192.08805318174
dec_nom	8.4804954366952
roll_nom	250.28543796553
revision	2
ontime	30401.959241092
livetime	29724.246422656
ontime2	30403.800201356
ontime3	30366.979919583
ontime5	30401.959181309
ontime6	30401.959181309
ontime7	30401.959241092
ontime8	30403.800201356
l2events	156954



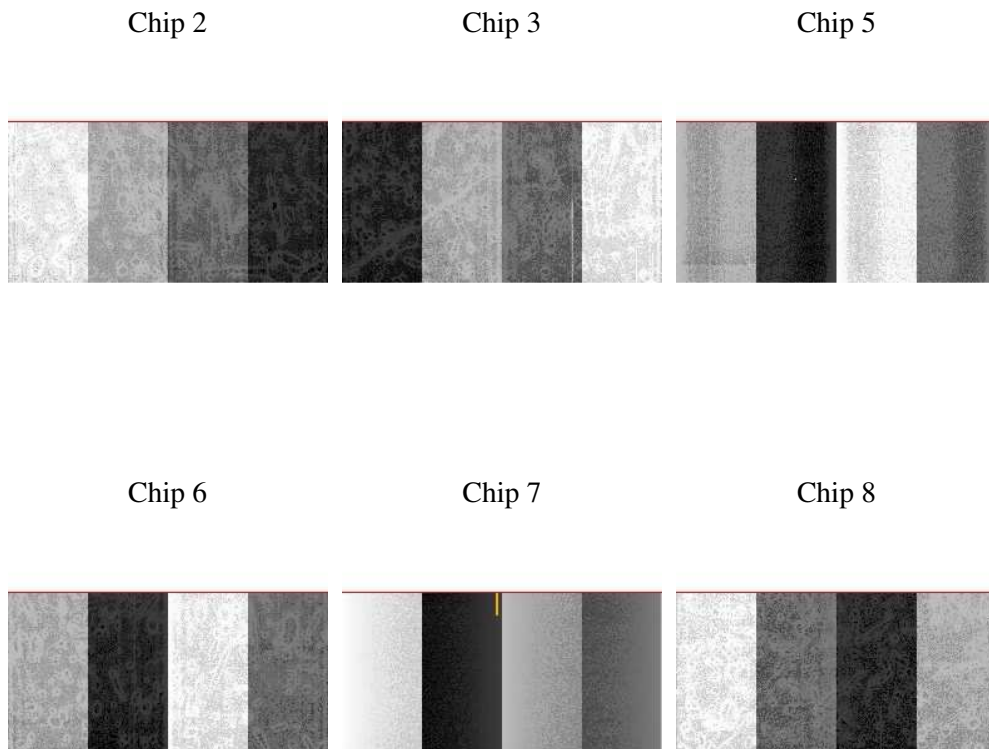
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldsver	3.2.3
date	2006-09-19T16:09:37
revision	2

sched_exp_time	30000.000000
ontime	30404.420254052
ontime2	30406.261214316
ontime3	30369.440932542
ontime5	30404.420194268
ontime6	30404.420194268
ontime7	30404.420254052
ontime8	30406.261214316
l1events	751756

2.1.4 Events

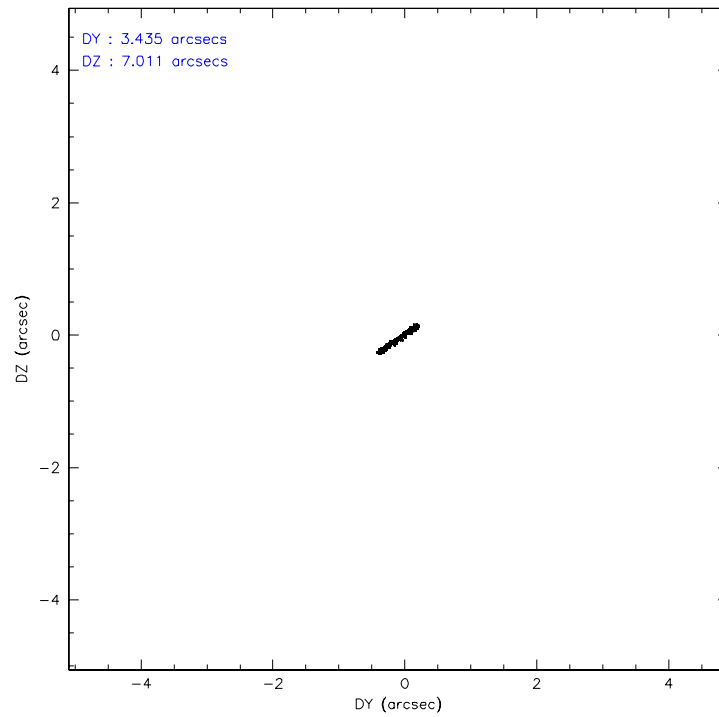
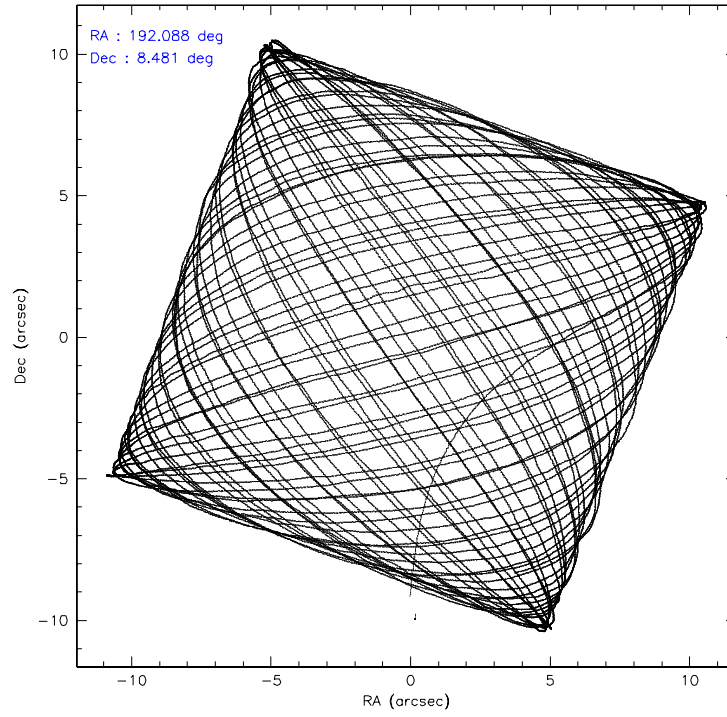
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	109601	104161	163429	106904	134570	133091
rejected events	97039	92423	79819	94578	79515	106852
rejected %	88%	88%	48%	88%	59%	80%

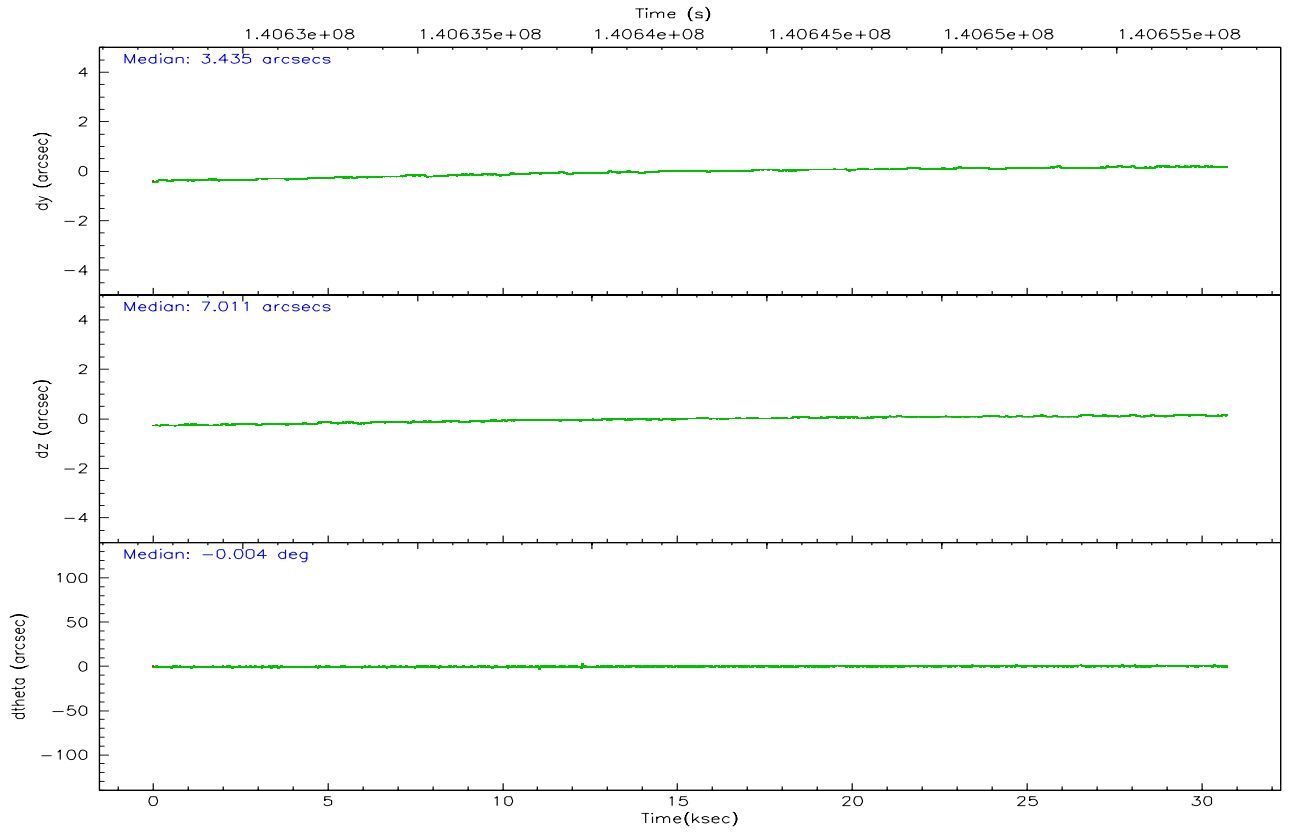
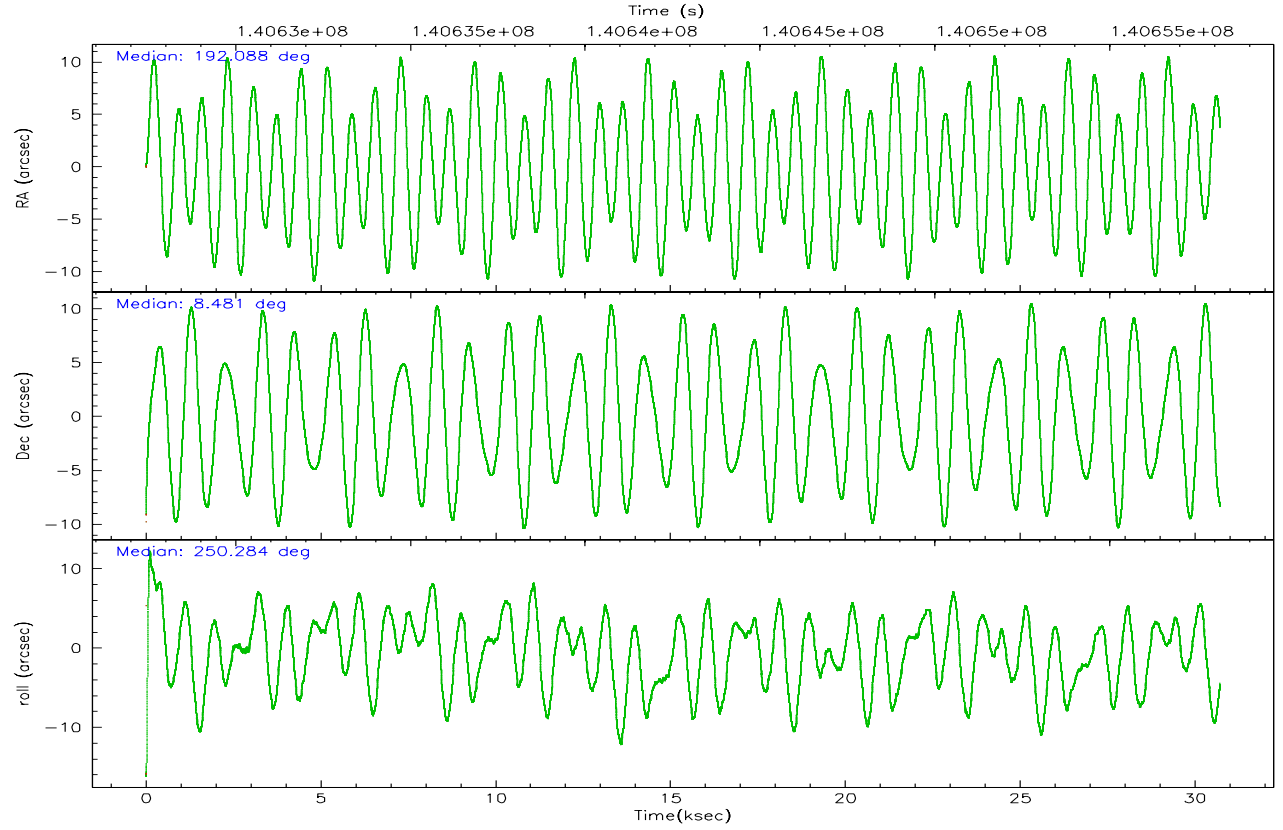
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	5188	4757	25094	4908	4781	8250
	4%	4%	15%	4%	3%	6%
grade 1 events	31	33	374	32	89	57
	0%	0%	0%	0%	0%	0%
grade 2 events	2538	2232	19593	2278	13564	5504
	2%	2%	11%	2%	10%	4%
grade 3 events	1385	1326	1689	1432	3601	3021
	1%	1%	1%	1%	2%	2%
grade 4 events	1379	1345	1661	1376	3530	2820
	1%	1%	1%	1%	2%	2%
grade 5 events	3668	3975	7130	4419	9478	5381
	3%	3%	4%	4%	7%	4%
grade 6 events	2074	2088	35582	2333	29600	6644
	1%	2%	21%	2%	21%	4%
grade 7 events	93338	88405	72306	90126	69927	101414
	85%	84%	44%	84%	51%	76%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-235678	ACIS-235678	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	192.082772	192.0880531817429	Subarray requested	1/2	1/2
Pointing Dec	8.507225	8.480495436695191	Subarray start row	0	257
Pointing Roll	250.129599	250.2854379655321	Subarray row count	1024	512
SIM focus pos (mm)	-0.684267	-0.6828225247311905	Alternating exposures requested	N	N
SIM defocus (mm)	0	0.001444936568705701	Primary exposure time	0.000000	1.8
SIM translation stage pos (mm)	-190.132523	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	140628160.184000	140626935.73309			
Observation start date	2002-06-16T15:21:36	2002-06-16T15:02:15			
Observation end time	140658160.184000	140658799.9094			
Observation end date	2002-06-16T23:41:36	2002-06-16T23:53:19			
Read mode	TIMED	TIMED			

2.3 Aspect



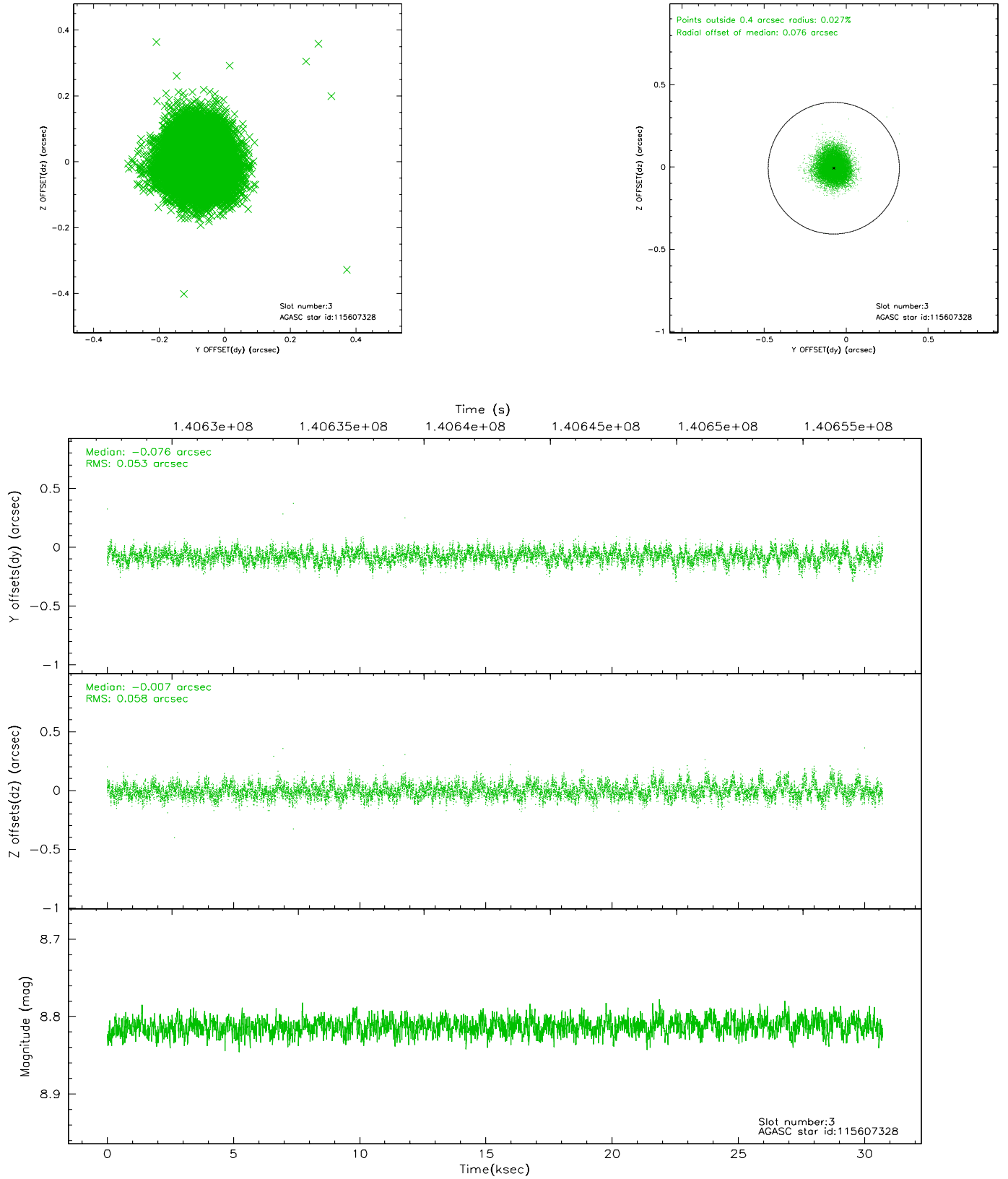


Slot Statistics

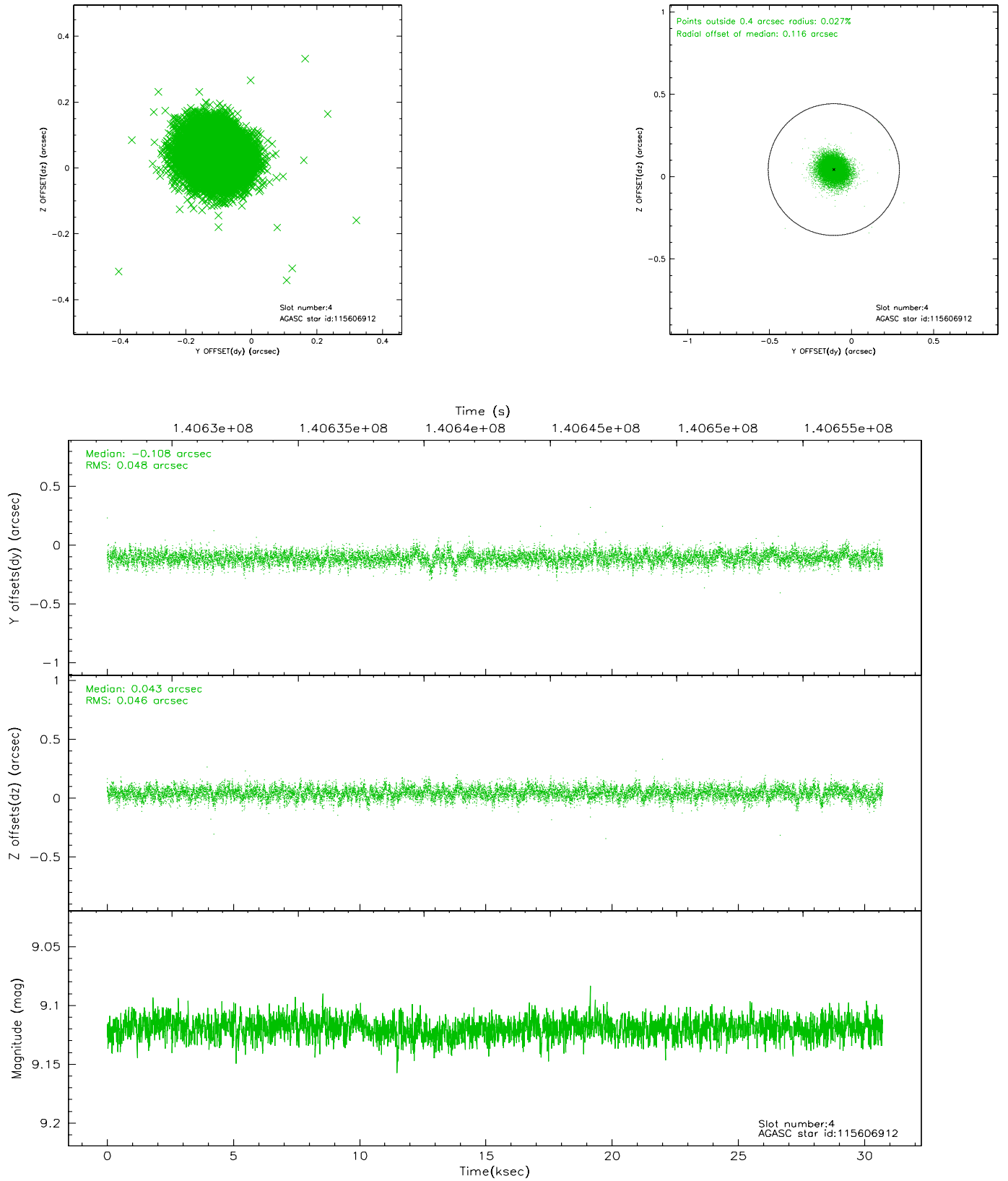
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	7492	0.015	0.024	0.006	0.010	0.000000	0.000000	-756.02	-1728.13
1	FID	ACIS-S-4	7.20	7492	-0.035	-0.005	0.006	0.010	0.000000	0.000000	2157.17	180.27
2	FID	ACIS-S-6	7.36	7492	-0.008	-0.012	0.007	0.012	0.000000	0.000000	406.01	817.72
3	GUIDE	115607328	8.81	14973	-0.076	-0.007	0.084	0.134	191.828983	9.014364	-1410.20	-1469.03
4	GUIDE	115606912	9.12	14979	-0.108	0.043	0.070	0.116	192.287935	8.961548	-1786.11	130.47
5	GUIDE	115609808	9.13	14981	0.167	-0.174	0.101	0.160	191.578733	8.786104	-335.25	-2027.90
6	GUIDE	115608584	9.20	14982	-0.063	0.185	0.091	0.142	192.676908	8.875074	-1964.97	1537.27
7	GUIDE	115612496	10.30	14976	0.081	-0.054	0.151	0.249	191.721157	8.378538	873.35	-1053.53

2.4 Star Slots

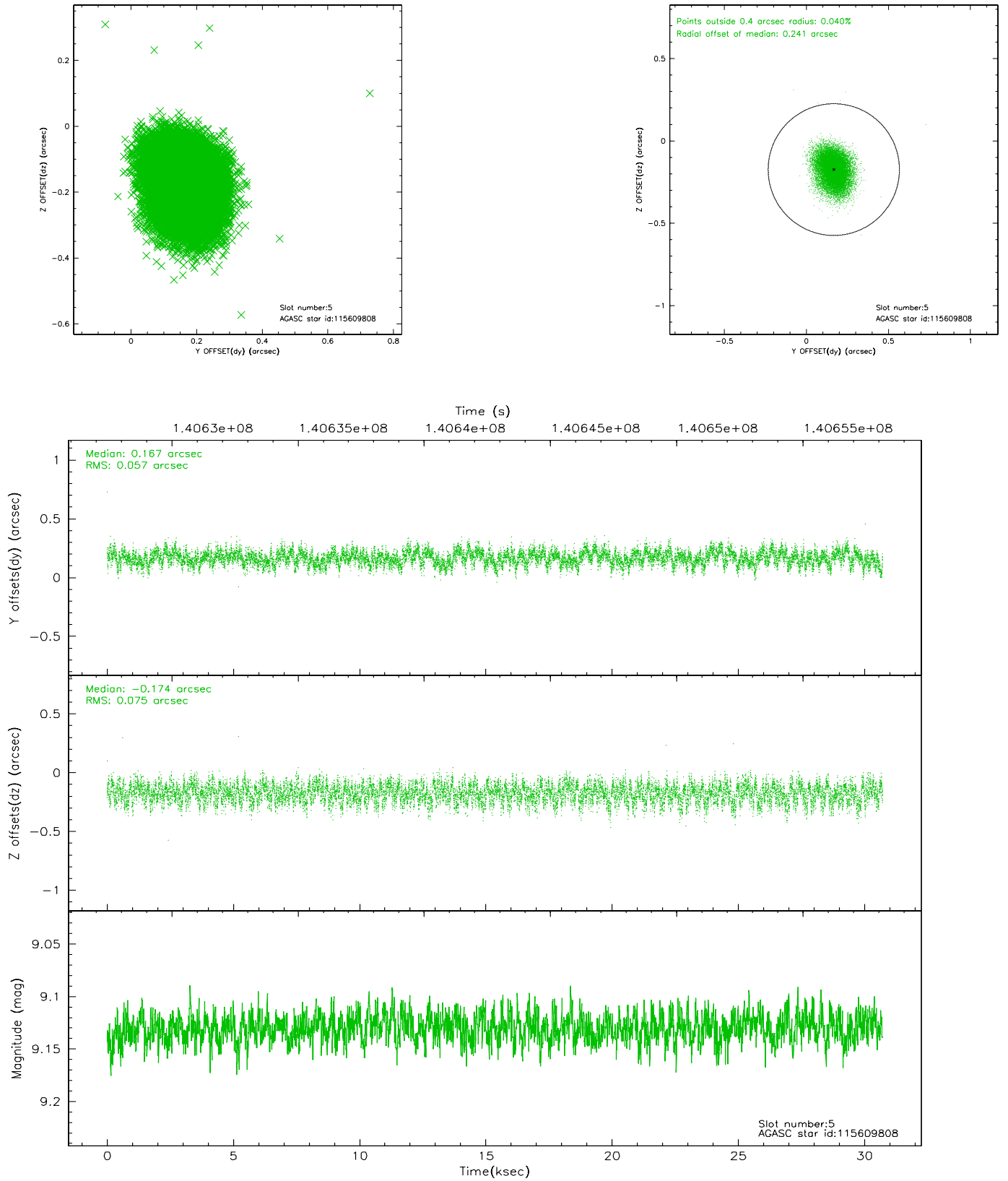
2.4.1 Slot 3



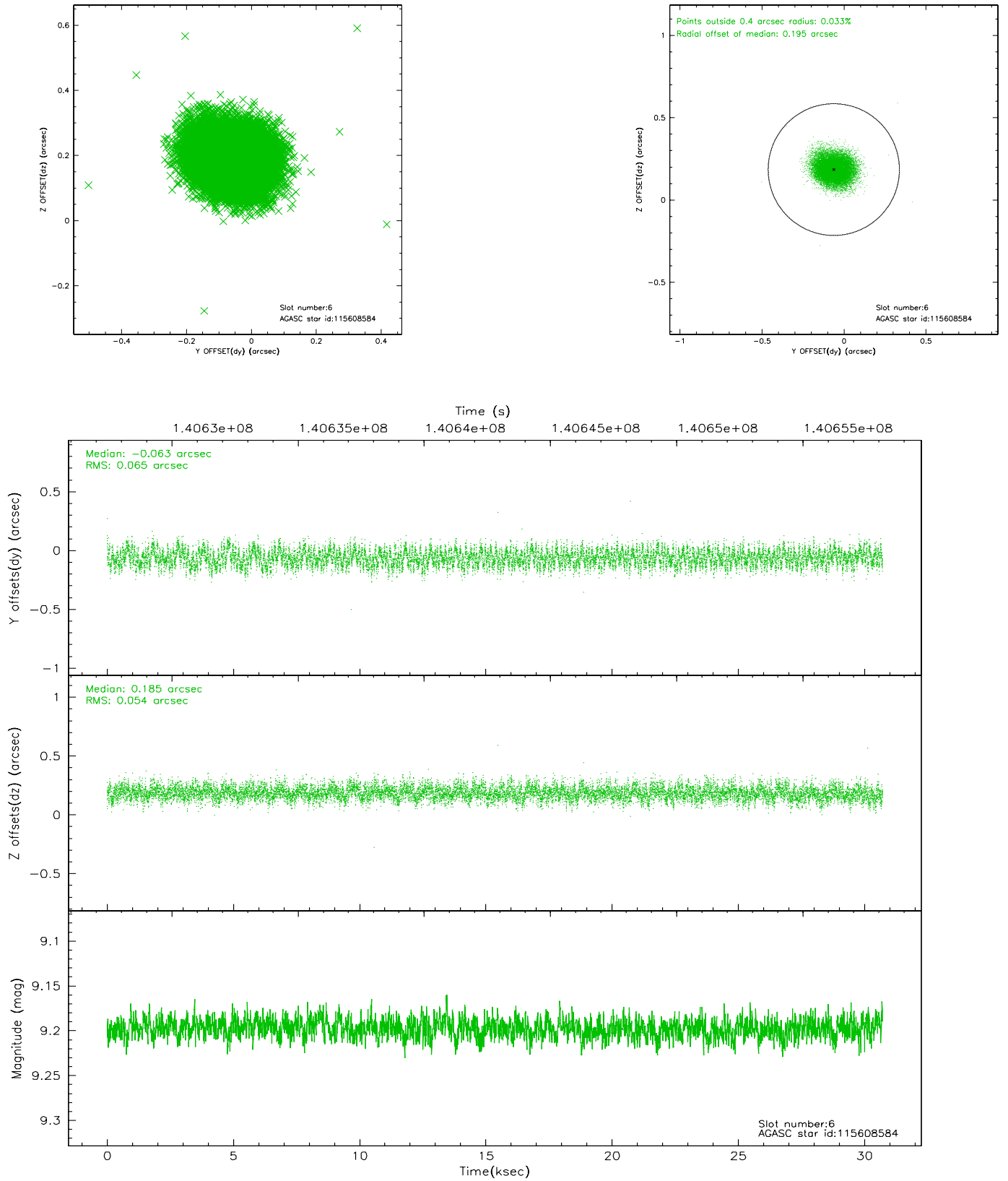
2.4.2 Slot 4



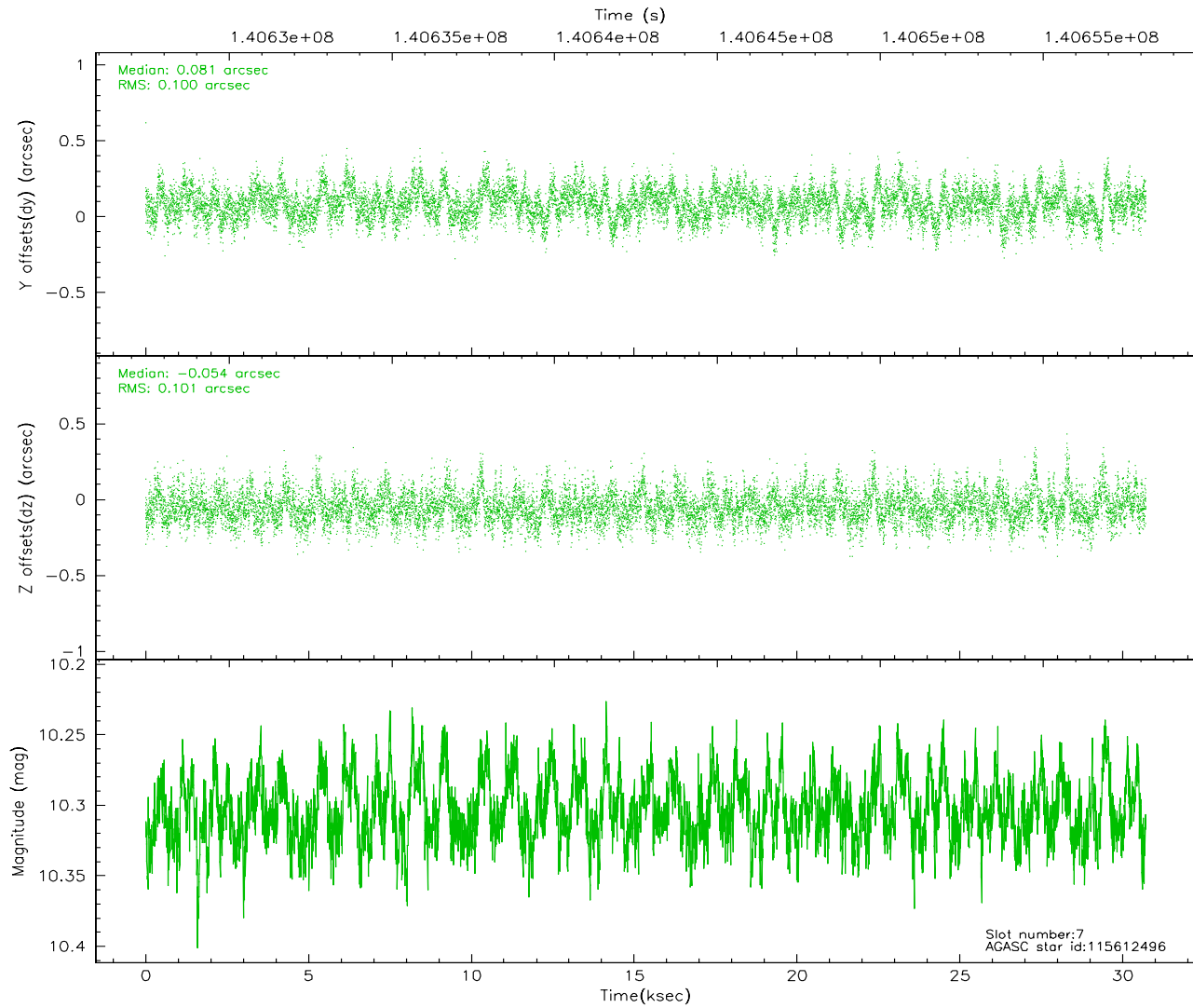
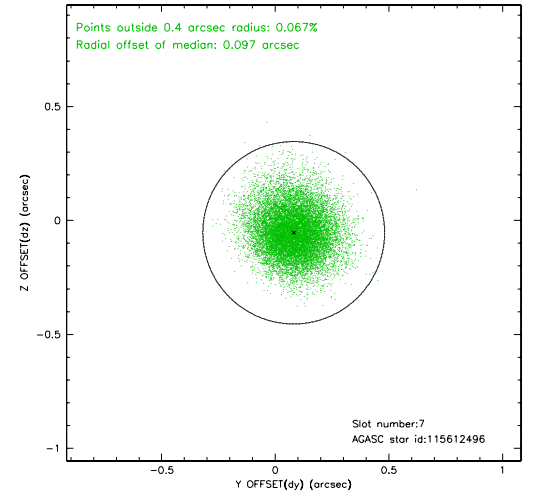
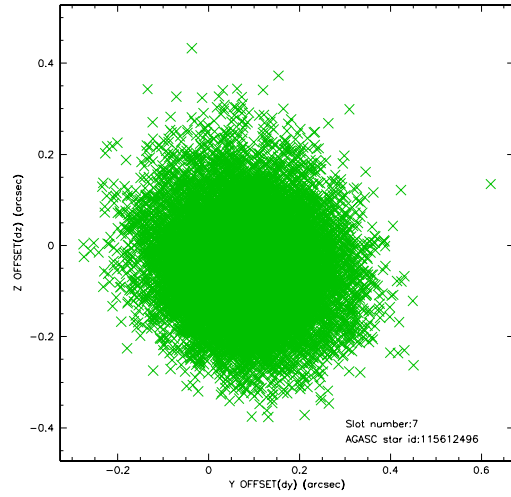
2.4.3 Slot 5



2.4.4 Slot 6

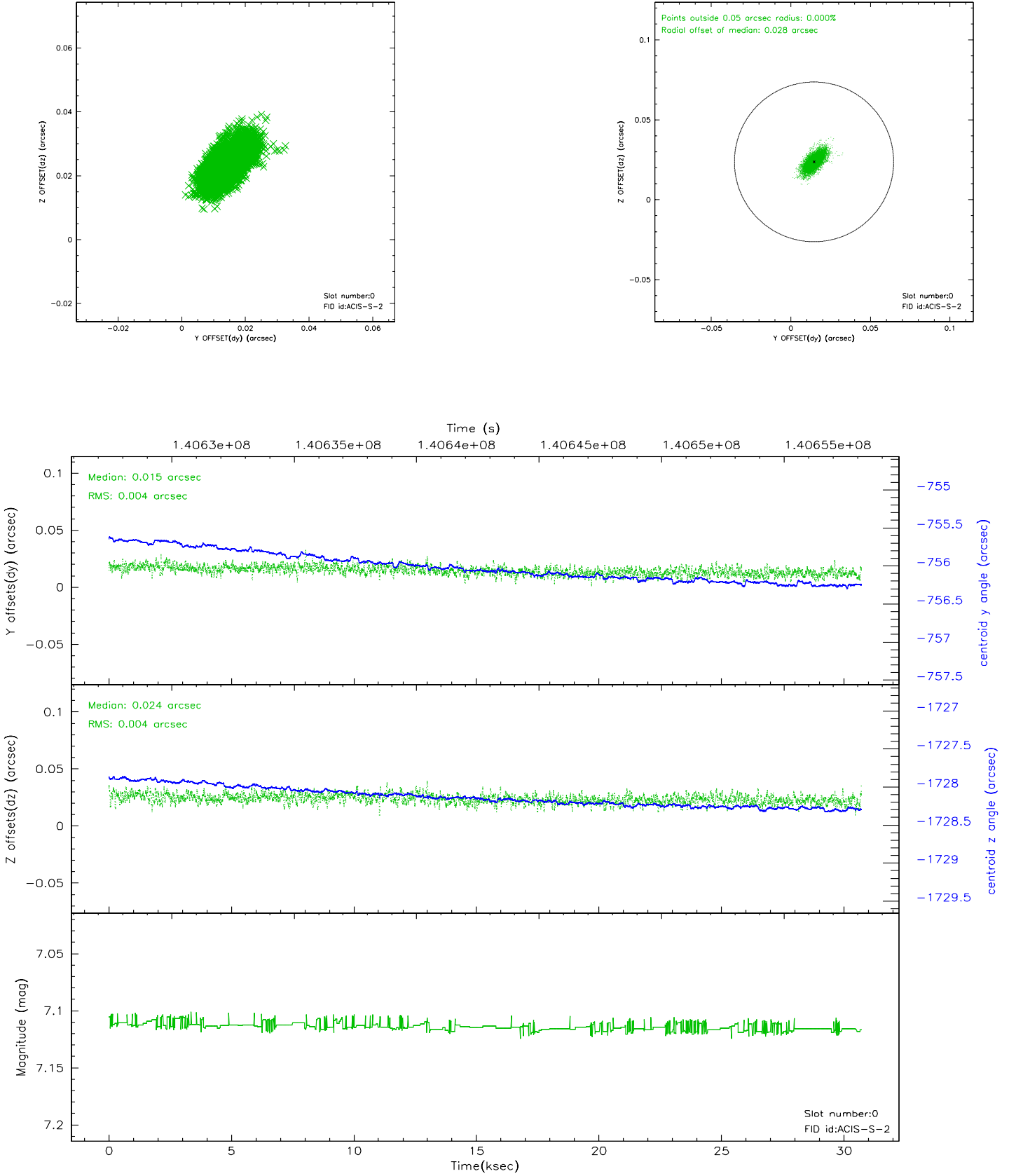


2.4.5 Slot 7

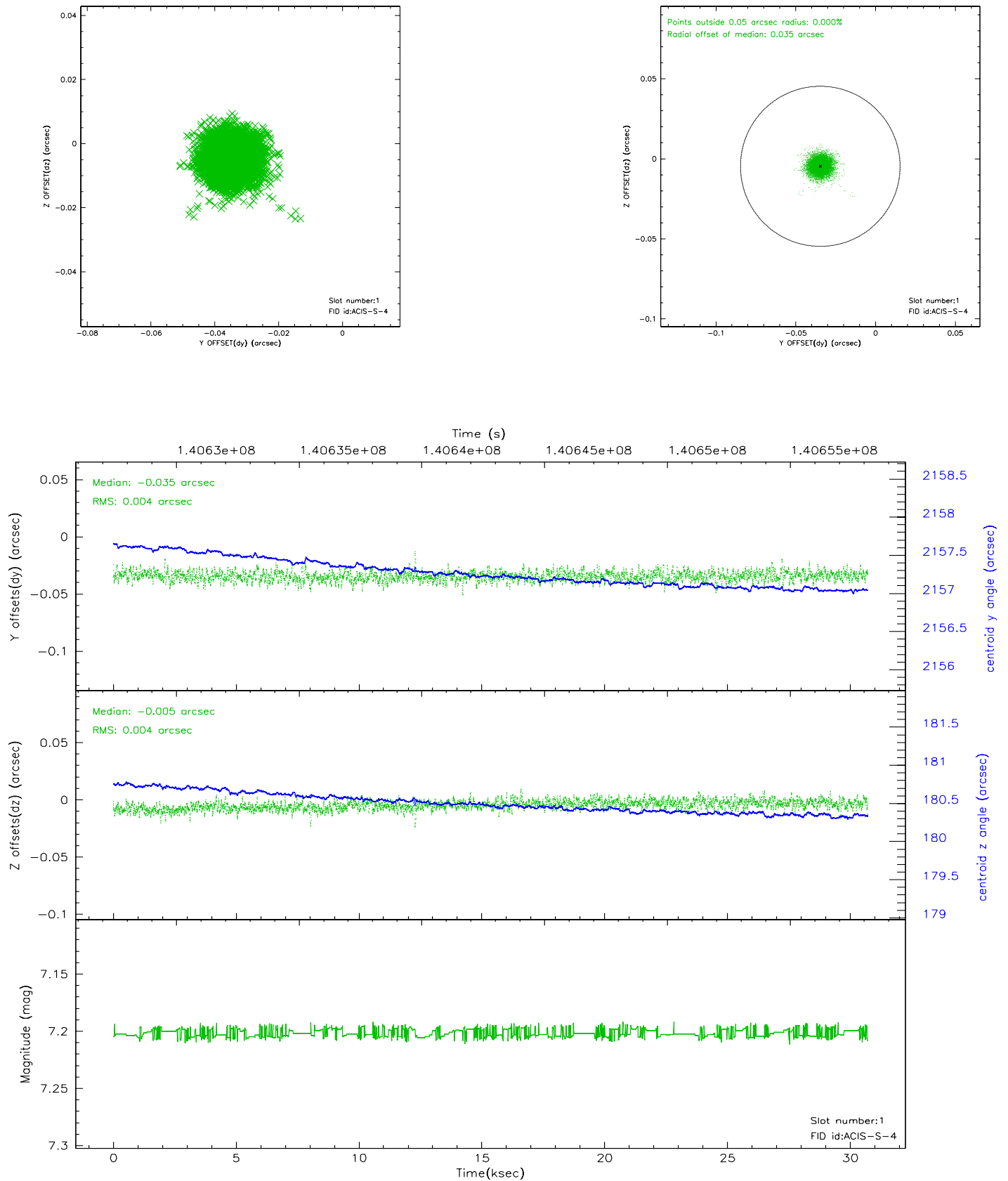


2.5 FID Slots

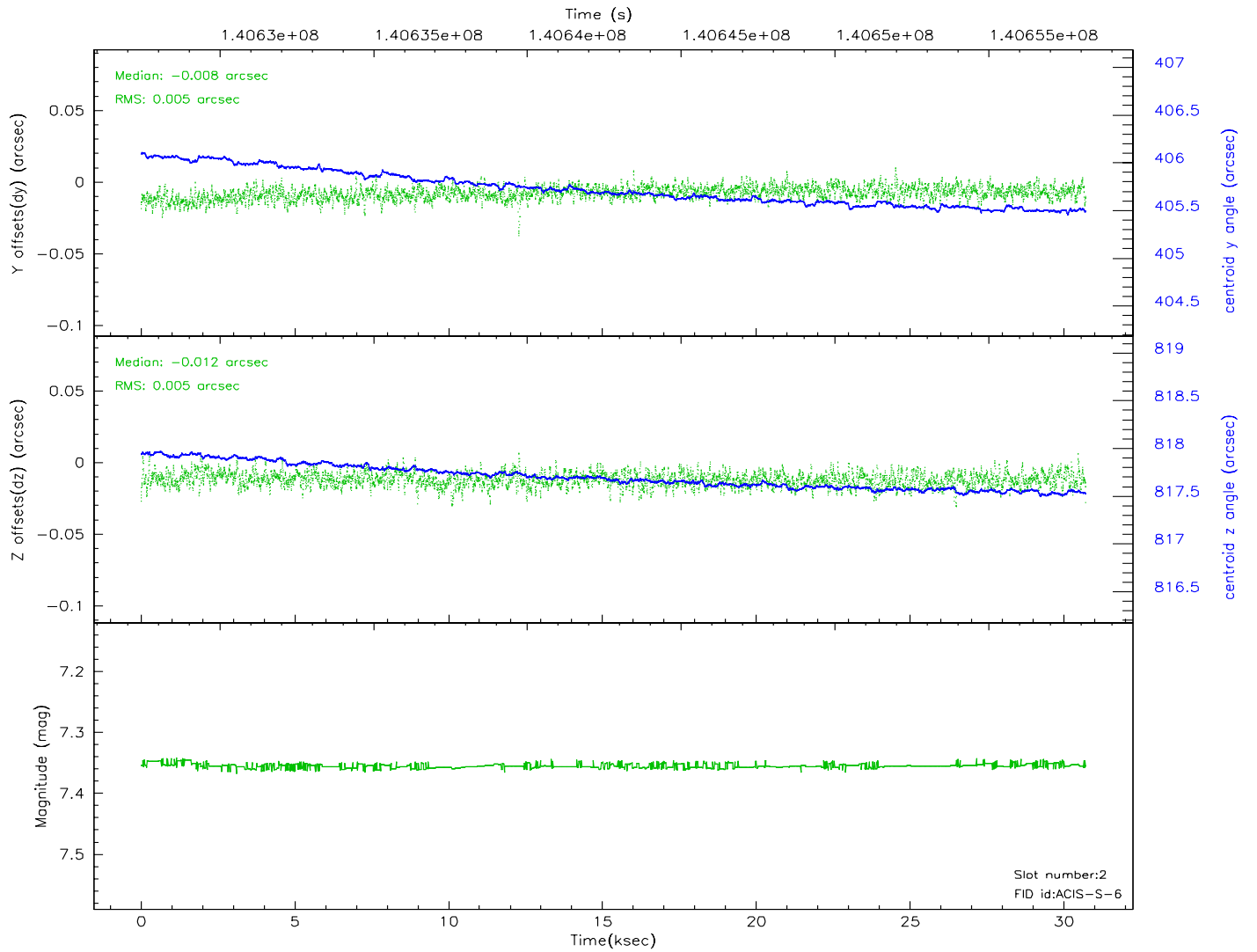
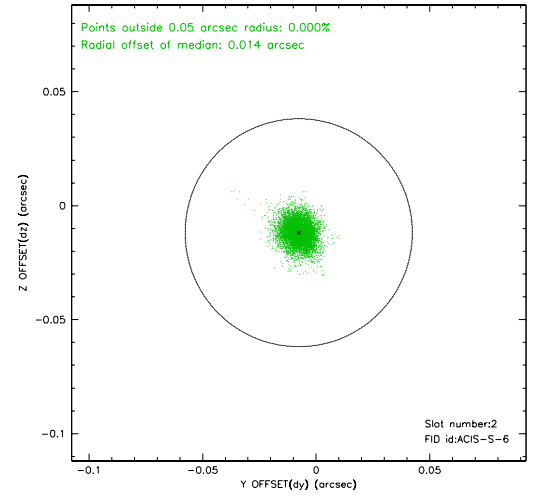
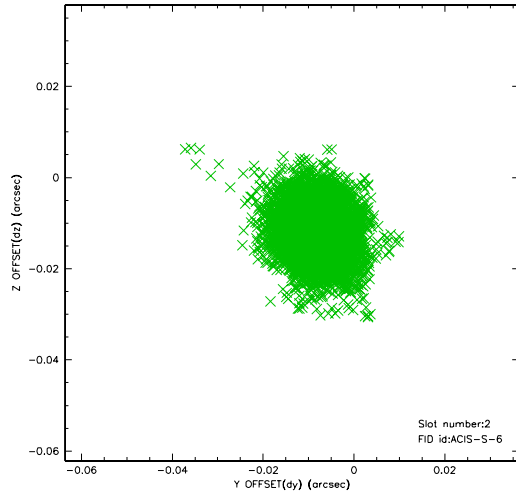
2.5.1 Slot 0



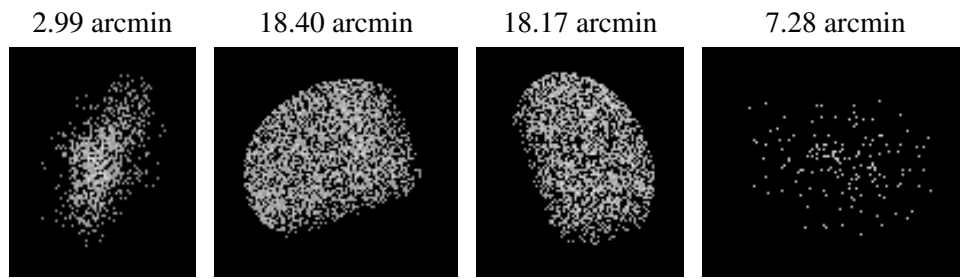
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.09.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	30.403

A.2 Comments