

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 1954 - L2 Version 001
Chandra X-Ray Center

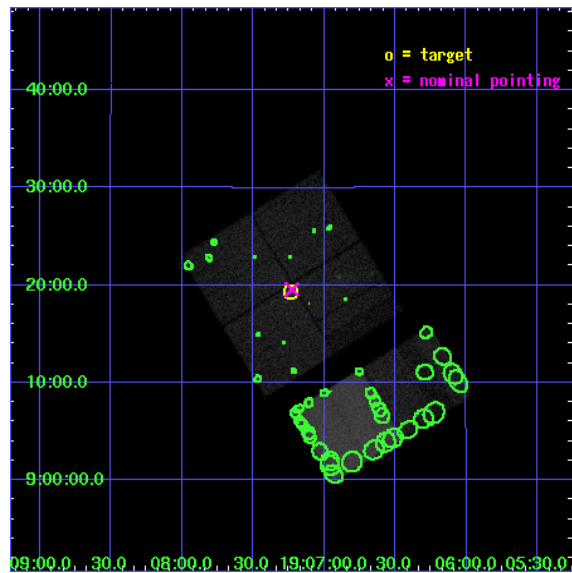
L2 Processing Date : Dec 8 2006

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1 Front

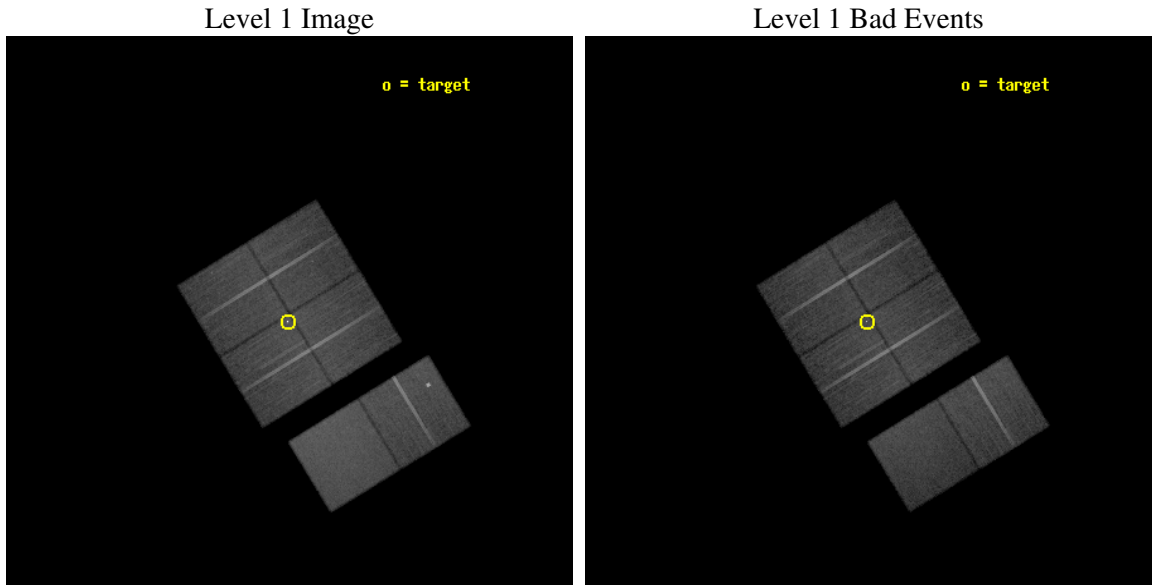
seq_num	500131
obs_id	1954
title	THE PROPER MOTION OF THE SOFT GAMMA REPEATER SGR1900+14
observer	Dr. Kevin Hurley
object	SGR1900+14
dtcycle	0
cycle	P
ra_targ	286.809583
dec_targ	9.32225
ra_nom	286.8067796815
dec_nom	9.3261147936551
roll_nom	148.56315771329
revision	2
ontime	30144.000028074
livetime	29762.298549181
ontime0	30140.759047836
ontime1	30144.000028074
ontime2	30140.75905782
ontime3	30144.000028074
ontime6	30144.000028074
ontime7	30144.000028074
l2events	256562



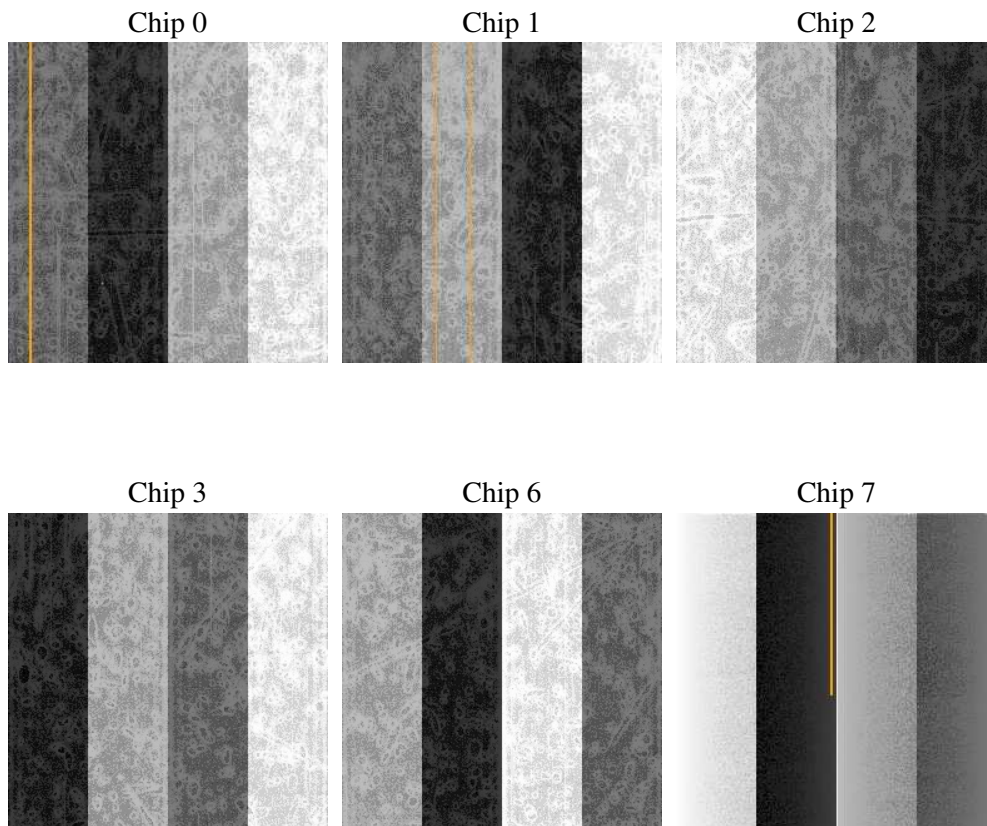
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.4
date	2006-12-08T07:05:54
revision	2

sched_exp_time	30000.000000
ontime	30403.857265785
ontime0	30400.616285548
ontime1	30403.857265785
ontime2	30400.616295531
ontime3	30403.857265785
ontime6	30403.857265785
ontime7	30403.857265785
l1events	1356394

2.1.4 Events

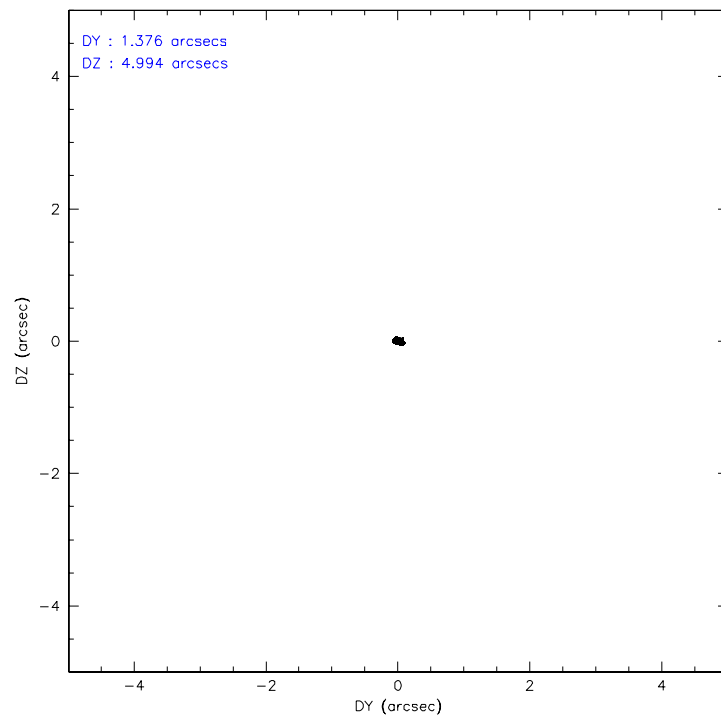
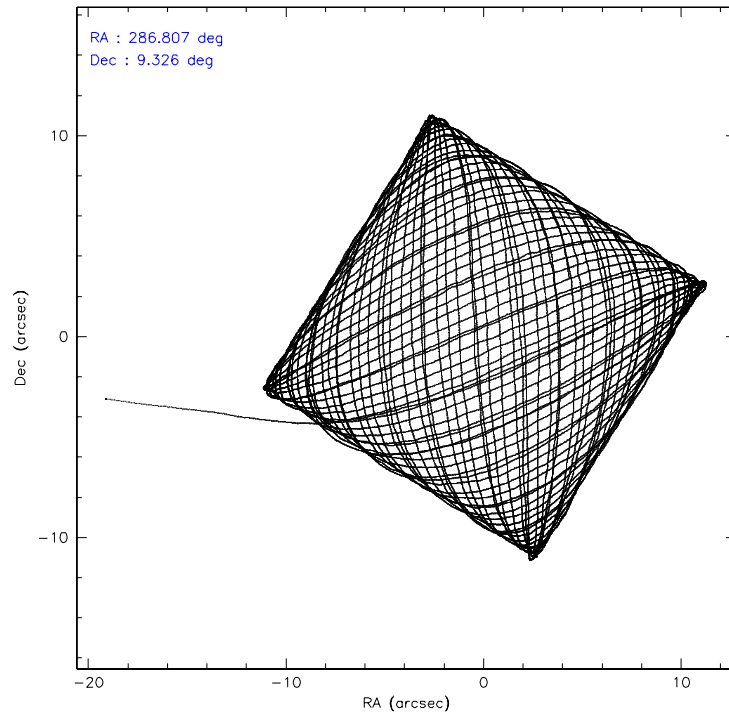
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	199905	206499	217280	229369	234040	269301
rejected events	166434	171810	185861	189702	196062	160973
rejected %	83%	83%	85%	82%	83%	59%

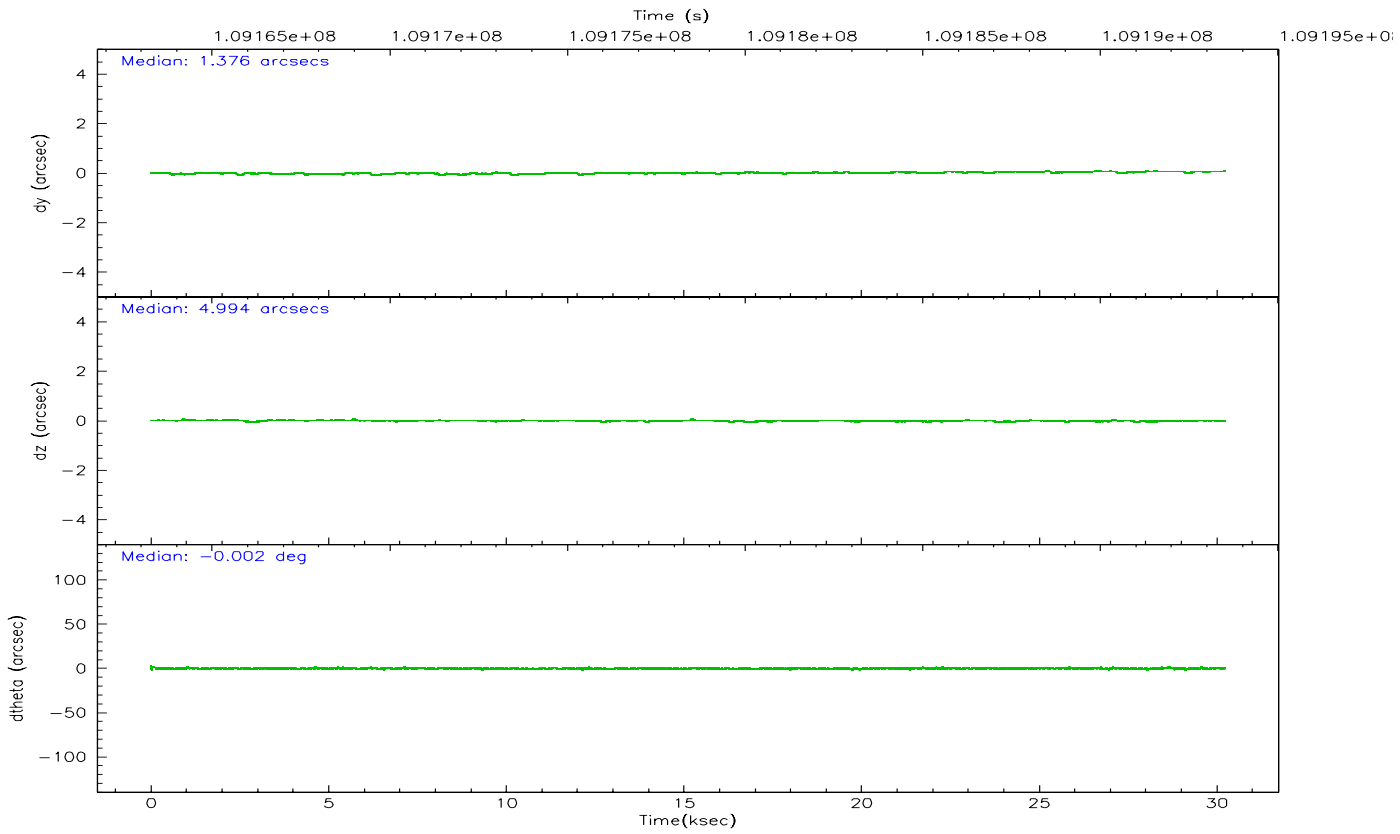
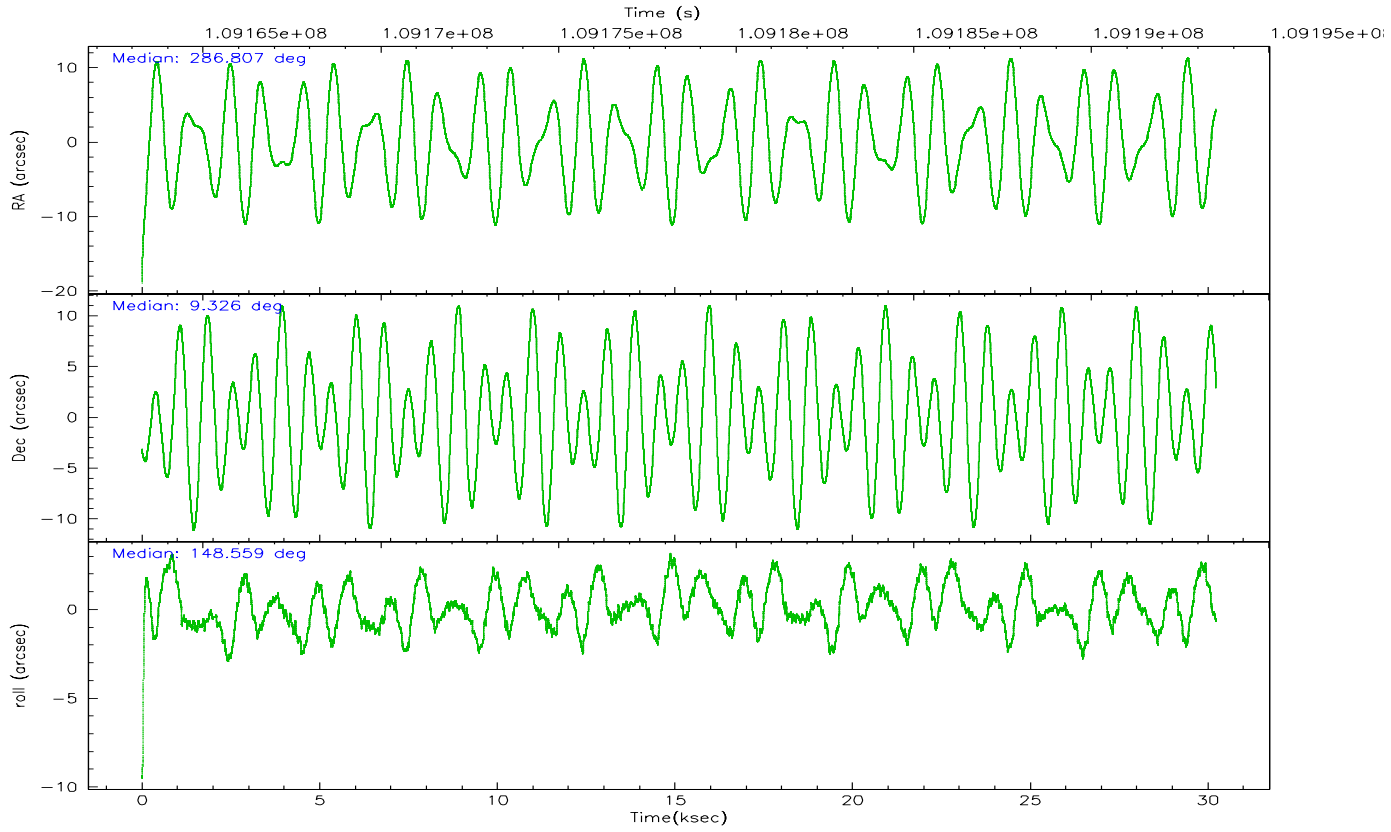
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	15255	14791	14174	19057	19253	6495
	7%	7%	6%	8%	8%	2%
grade 1 events	109	105	120	589	167	162
	0%	0%	0%	0%	0%	0%
grade 2 events	7989	8662	7410	9041	8206	26340
	3%	4%	3%	3%	3%	9%
grade 3 events	2549	2778	2315	2764	2529	5856
	1%	1%	1%	1%	1%	2%
grade 4 events	2483	2581	2443	2960	2477	5828
	1%	1%	1%	1%	1%	2%
grade 5 events	7181	7933	6803	8139	8616	16820
	3%	3%	3%	3%	3%	6%
grade 6 events	5505	6175	5431	6200	5865	64756
	2%	2%	2%	2%	2%	24%
grade 7 events	158834	163474	178584	180619	186927	143044
	79%	79%	82%	78%	79%	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	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	286.834595	286.8067796814986	Subarray requested	NONE	NONE
Pointing Dec	9.325439	9.326114793655123	Alternating exposures requested	N	N
Pointing Roll	148.349965	148.5631577132864	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	109163428.184000	109162244.511			
Observation start date	2001-06-17T11:09:24	2001-06-17T10:50:44			
Observation end time	109193428.184000	109193827.83723			
Observation end date	2001-06-17T19:29:24	2001-06-17T19:37:07			
Read mode	TIMED	TIMED			

2.3 Aspect



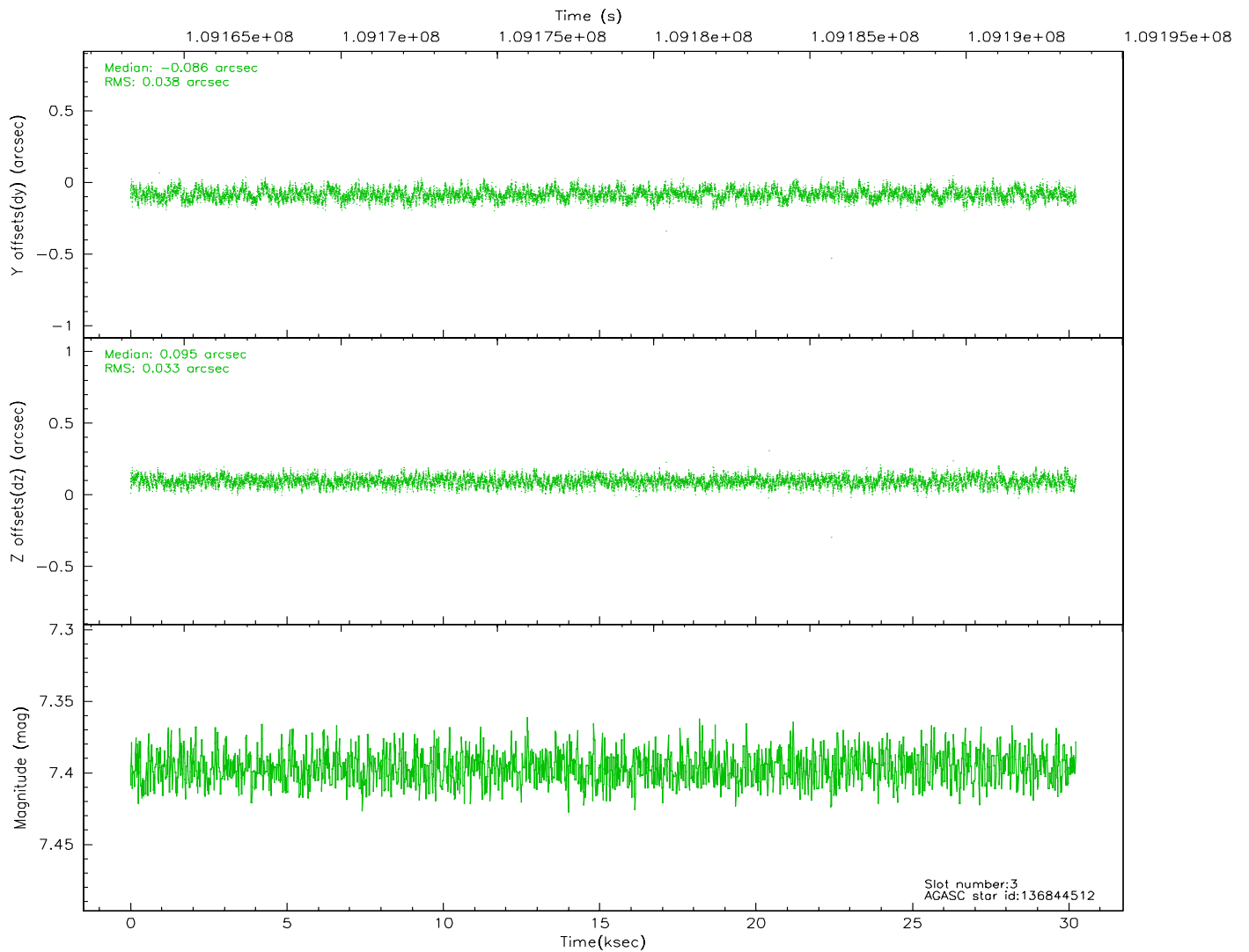
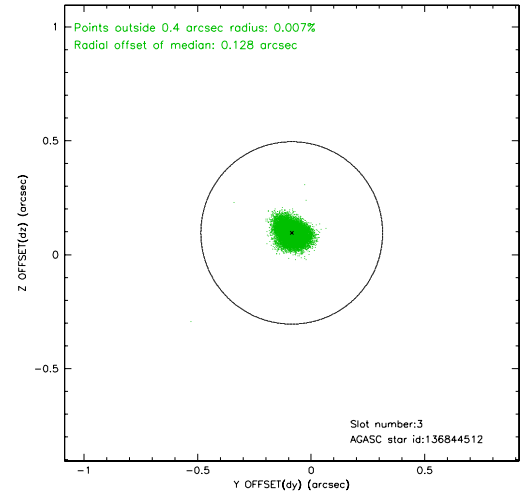
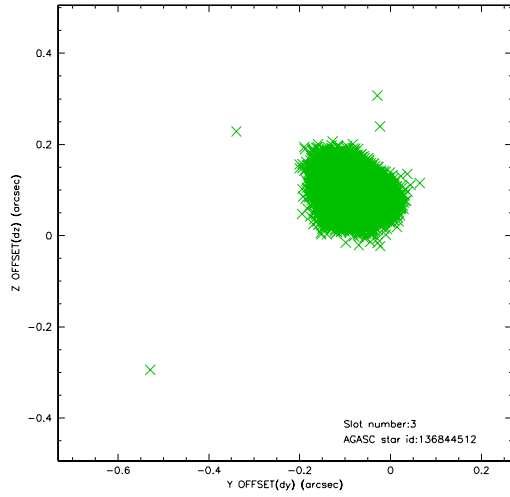


Slot Statistics

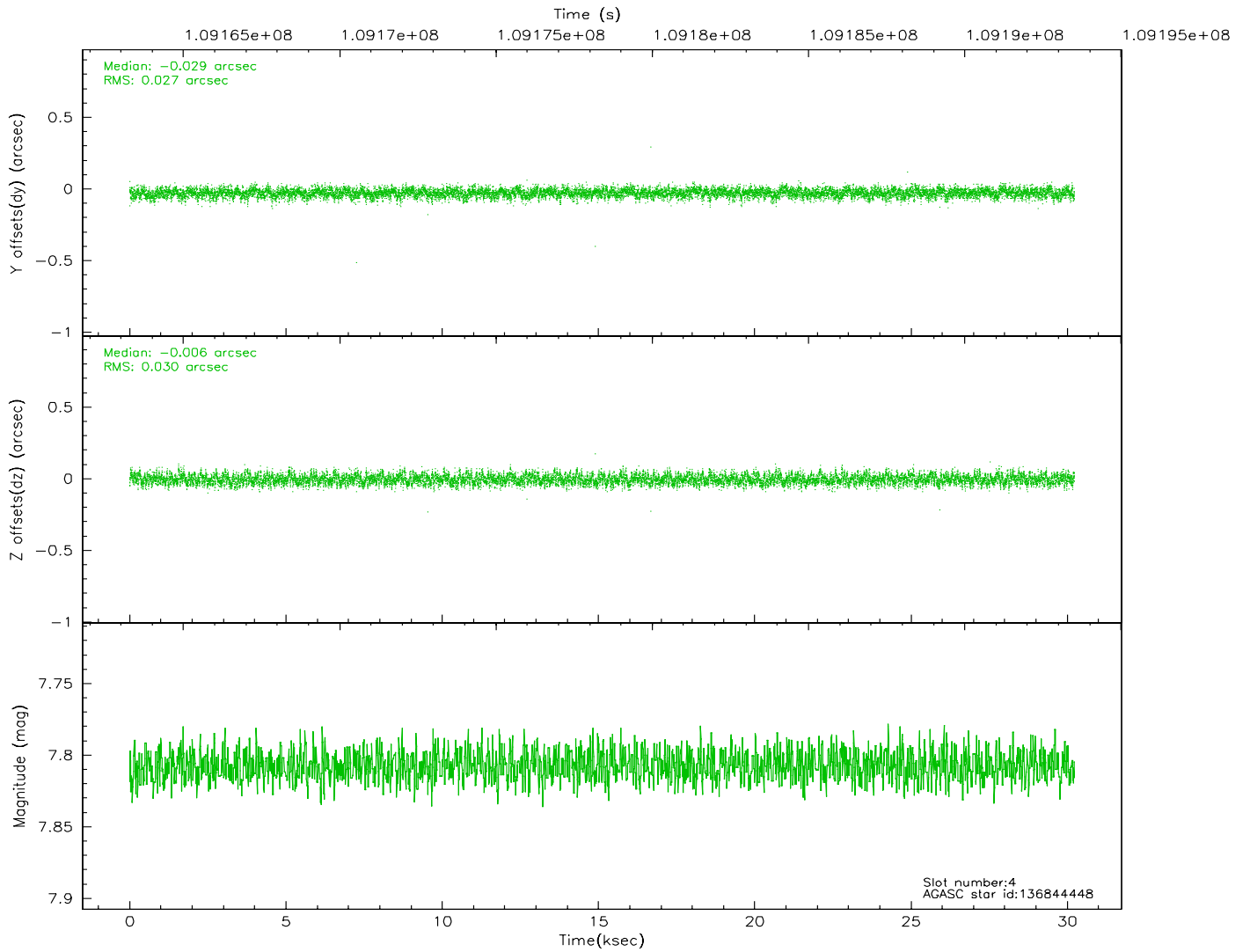
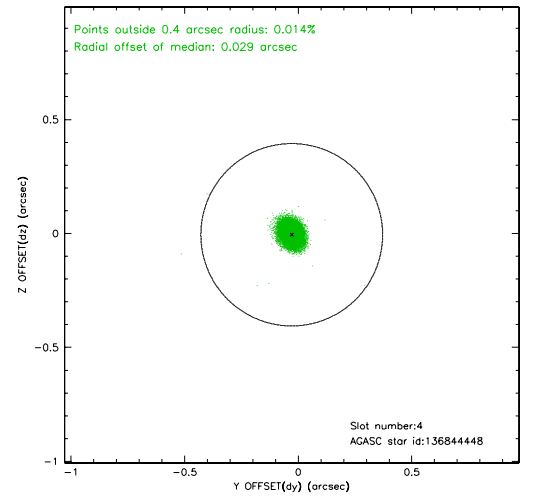
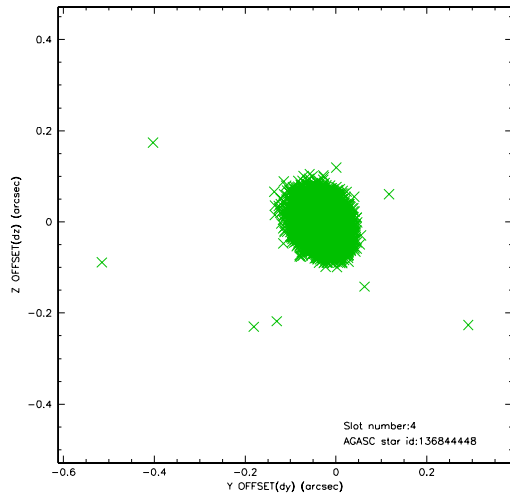
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	7372	-0.046	0.071	0.009	0.016	0.000000	0.000000	938.41	-828.26
1	FID	ACIS-I-4	7.19	7372	-0.054	-0.004	0.008	0.013	0.000000	0.000000	2158.49	1071.43
2	FID	ACIS-I-5	7.23	7374	0.001	0.003	0.007	0.011	0.000000	0.000000	-1809.45	1069.37
3	GUIDE	136844512	7.40	14746	-0.086	0.095	0.054	0.085	286.436543	9.770401	2042.67	-622.72
4	GUIDE	136844448	7.81	14744	-0.029	-0.006	0.042	0.069	286.569231	9.582775	1287.86	-294.31
5	GUIDE	136315920	8.22	14743	0.027	-0.130	0.066	0.103	286.430663	9.097145	791.06	1452.58
6	GUIDE	136316696	7.90	14745	0.089	0.059	0.060	0.097	287.190166	9.367792	-994.99	-792.67
7	GUIDE	136316048	8.25	14746	-0.001	-0.017	0.058	0.091	286.616424	9.034888	110.97	1297.46

2.4 Star Slots

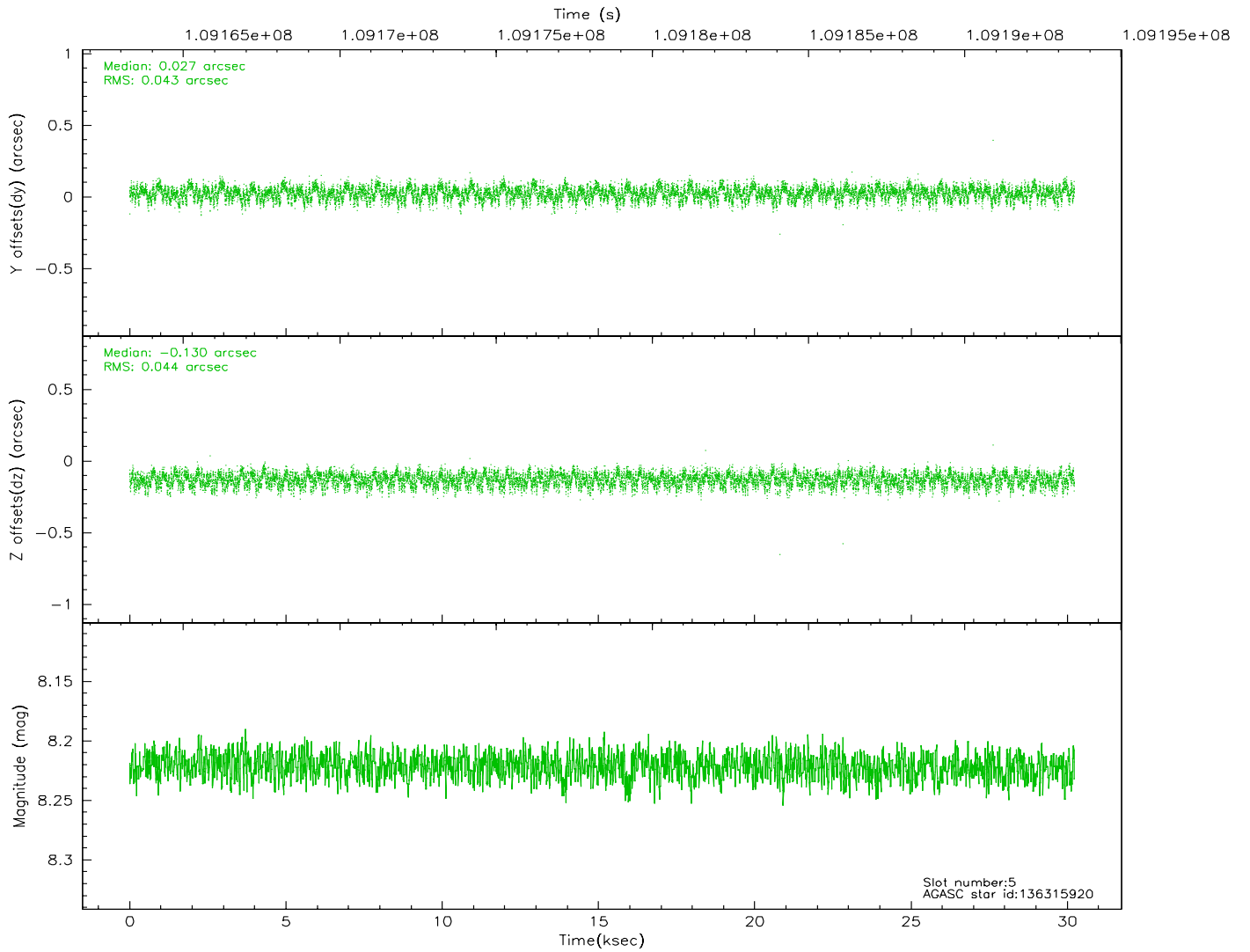
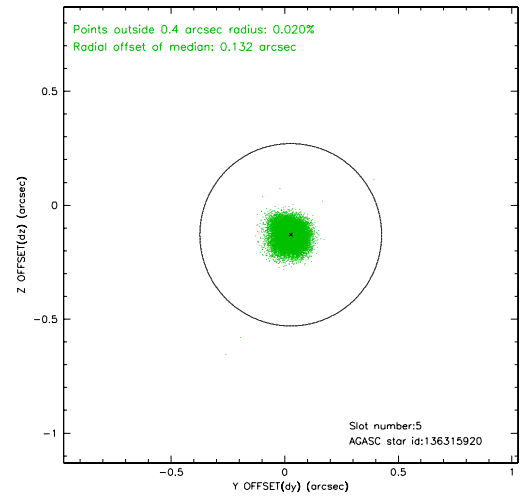
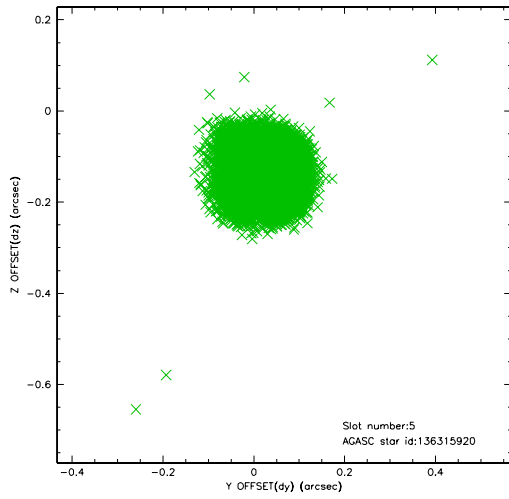
2.4.1 Slot 3



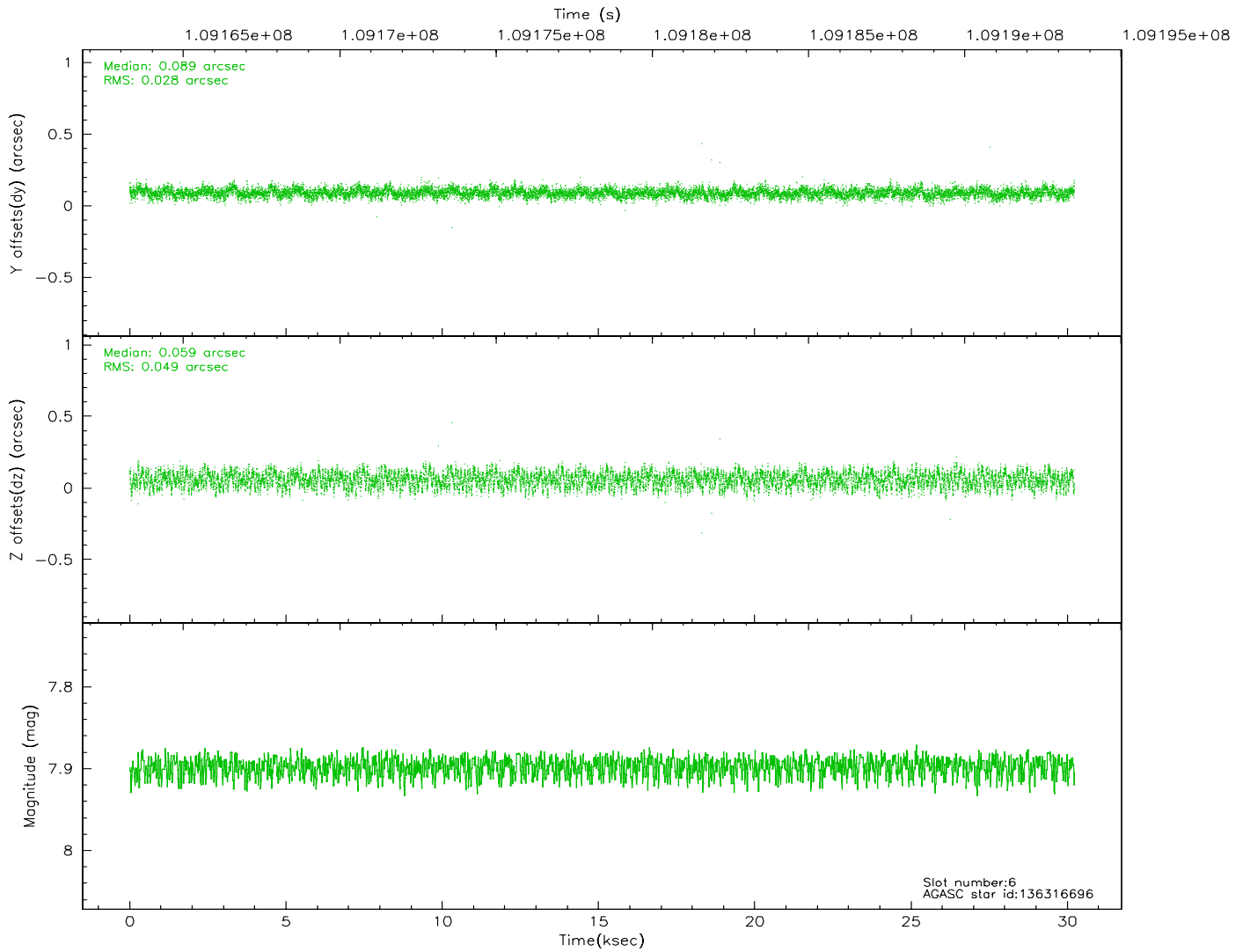
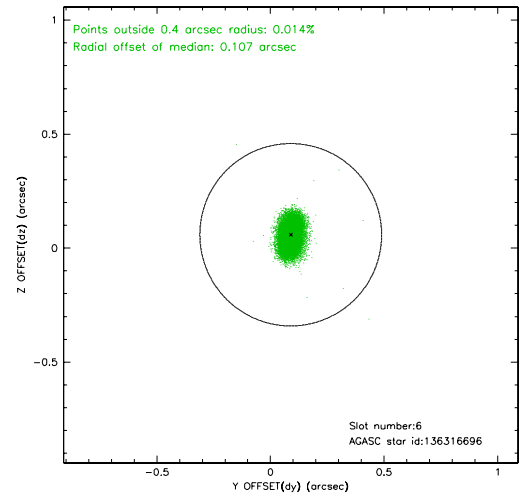
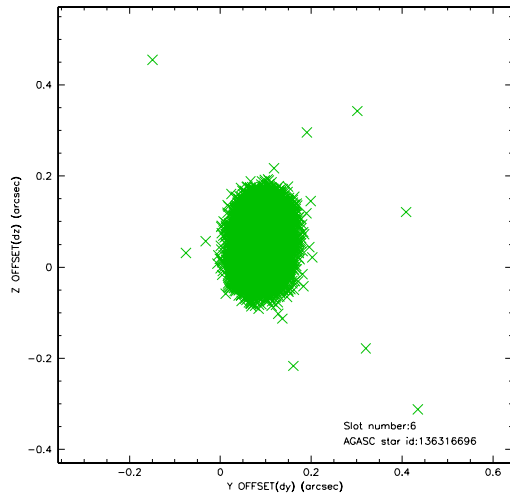
2.4.2 Slot 4



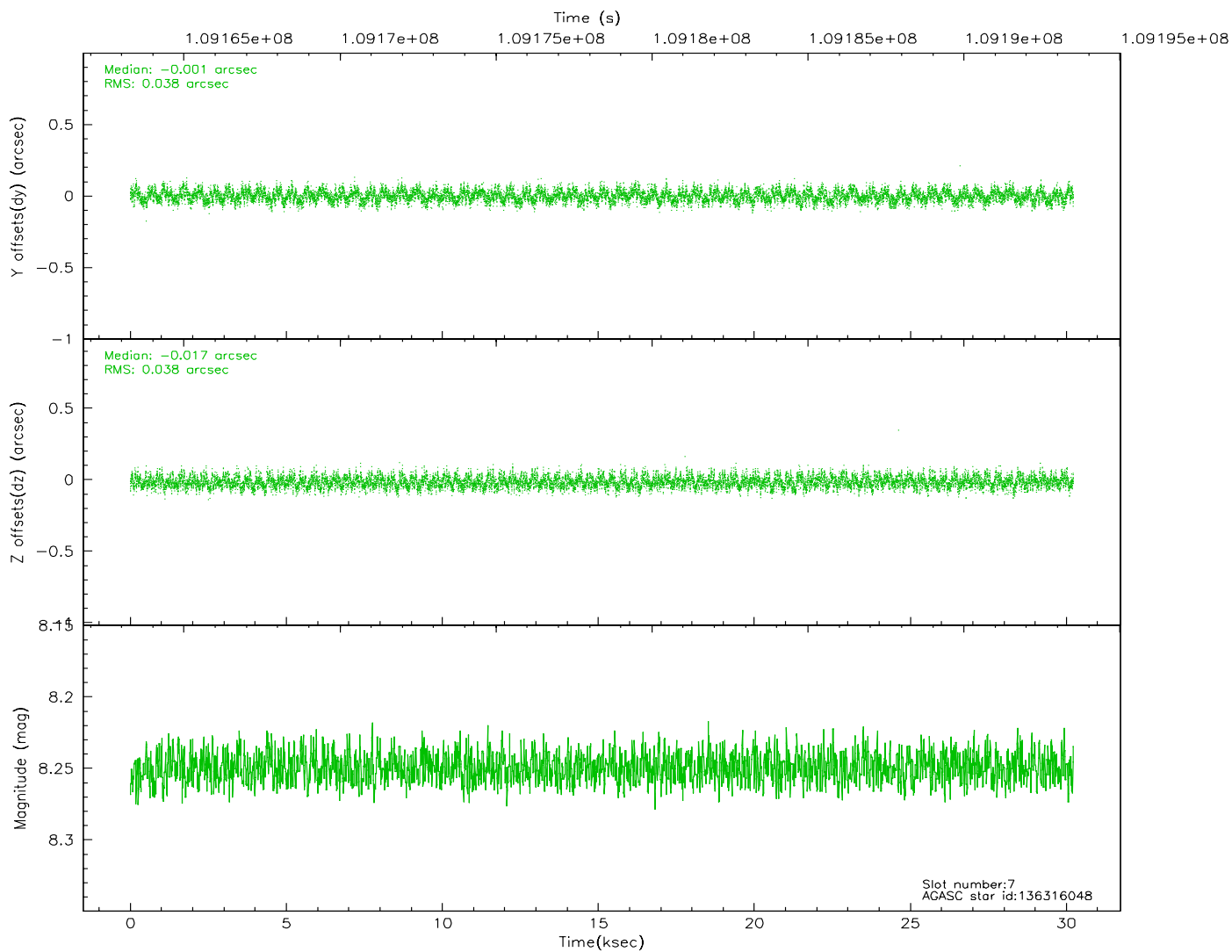
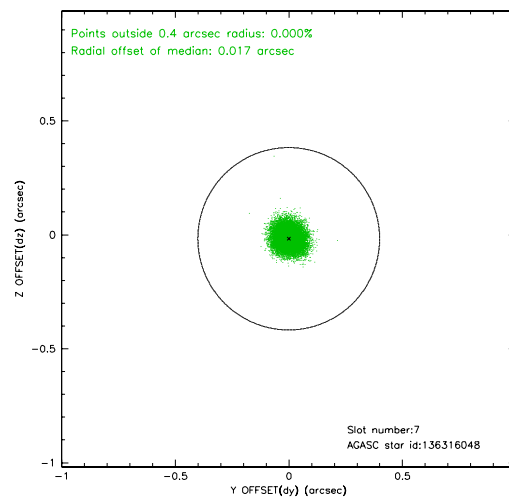
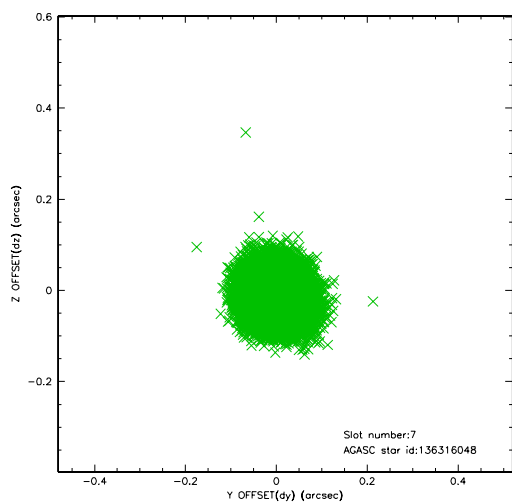
2.4.3 Slot 5



2.4.4 Slot 6

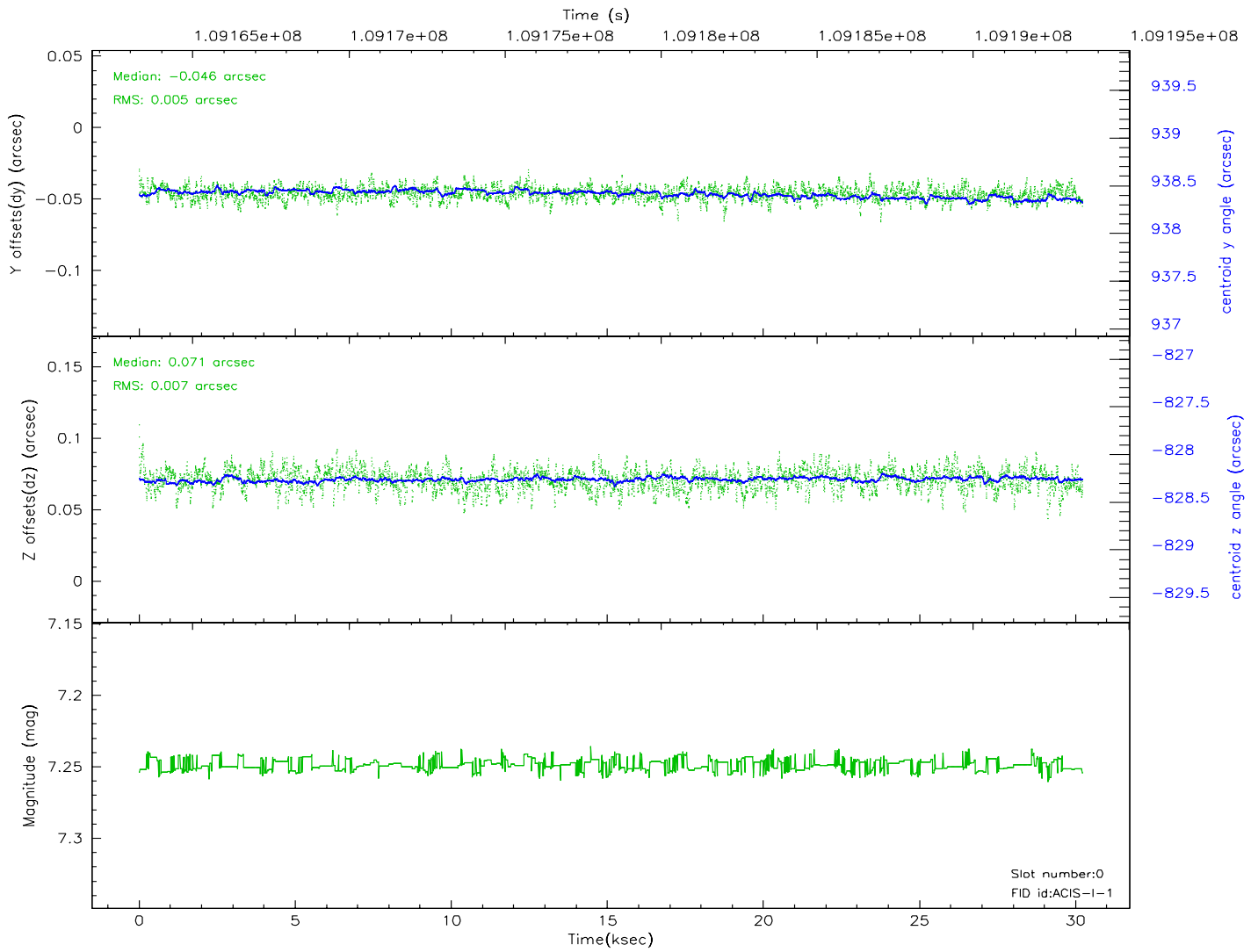
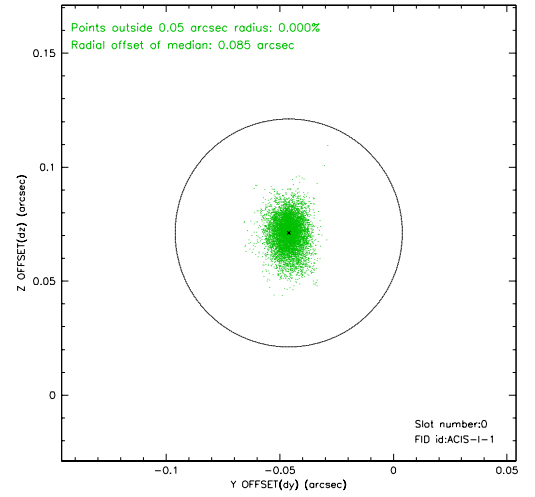
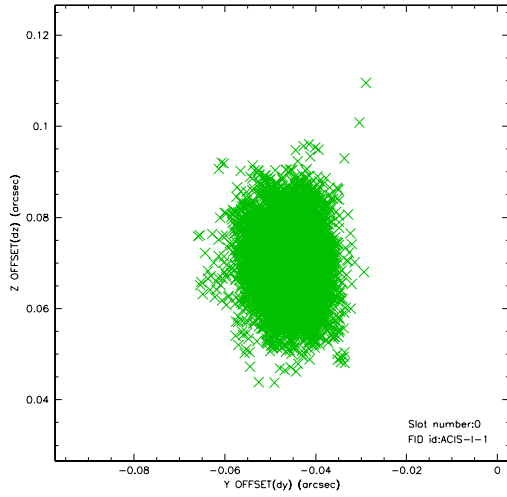


2.4.5 Slot 7

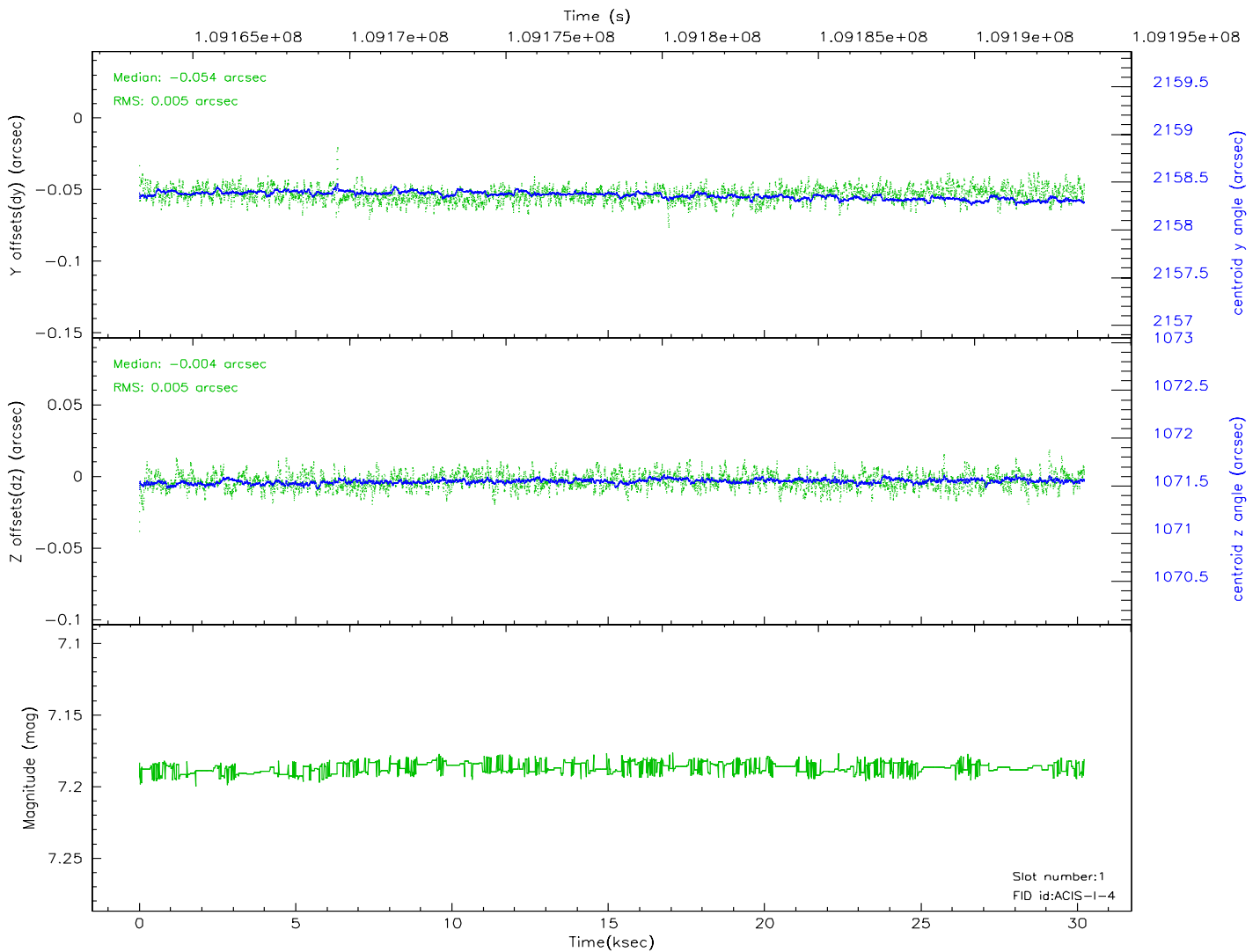
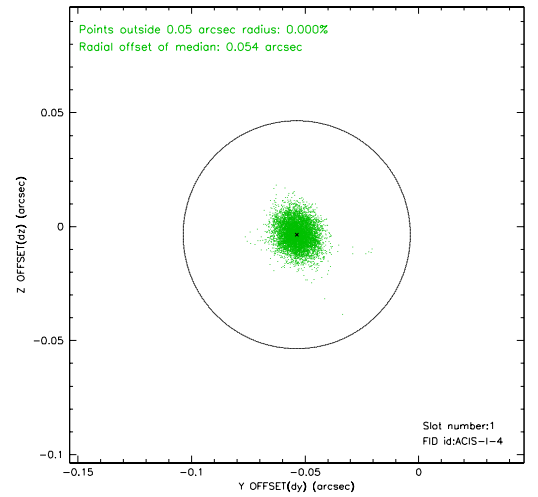
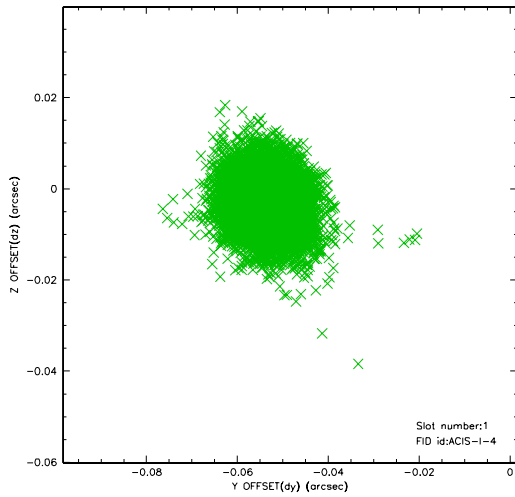


2.5 FID Slots

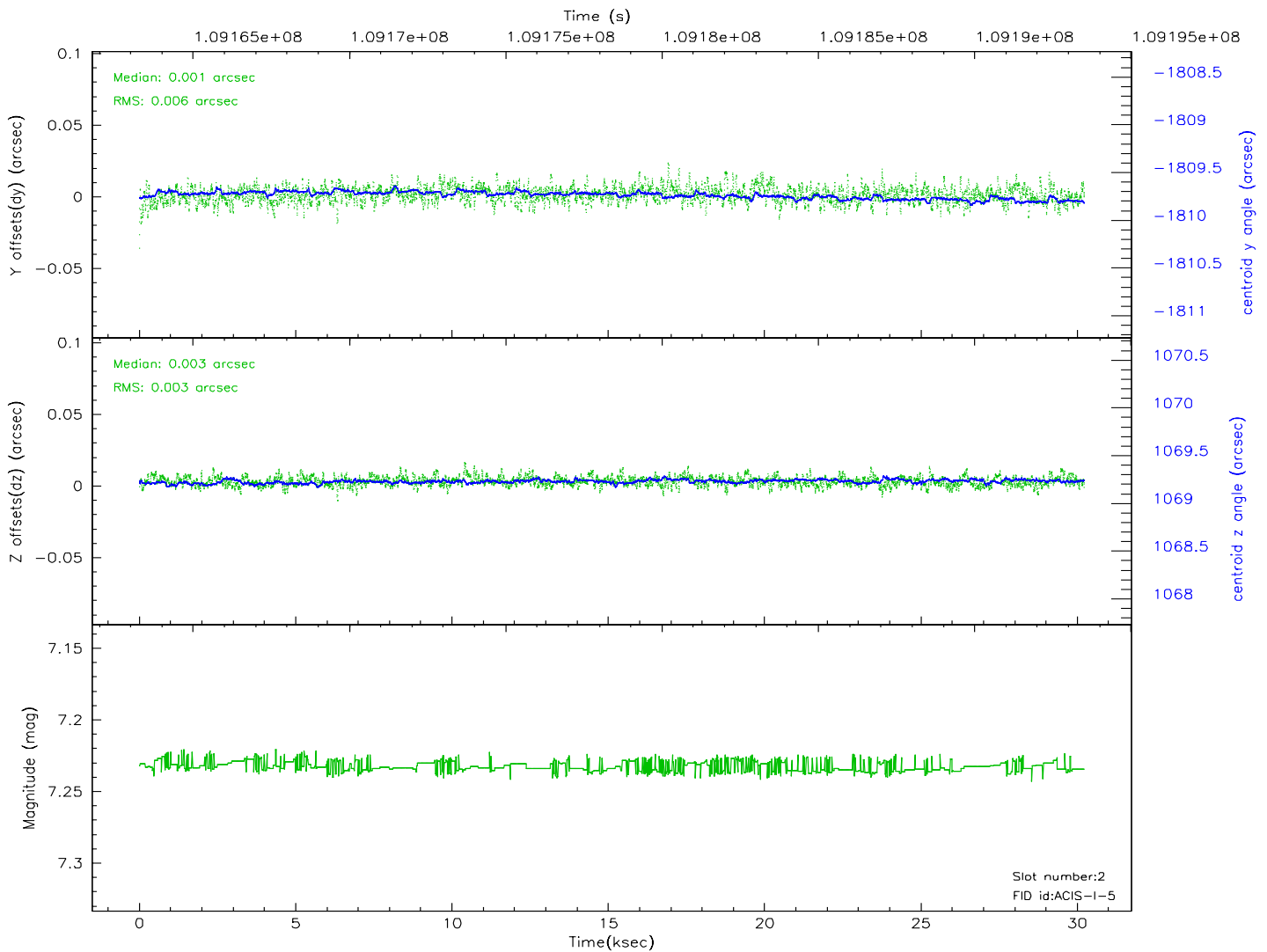
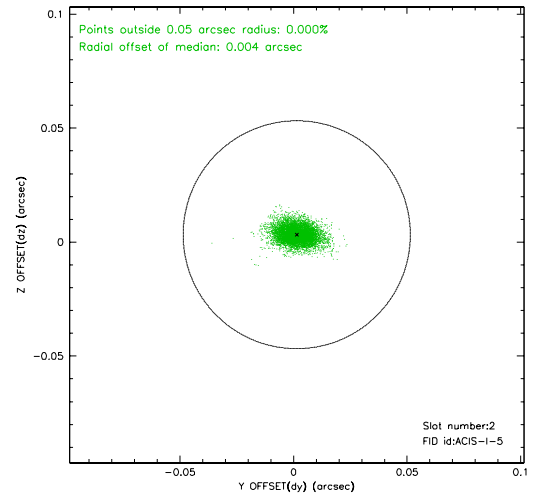
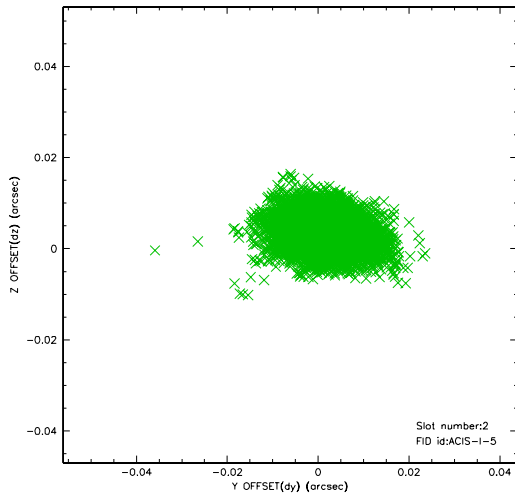
2.5.1 Slot 0



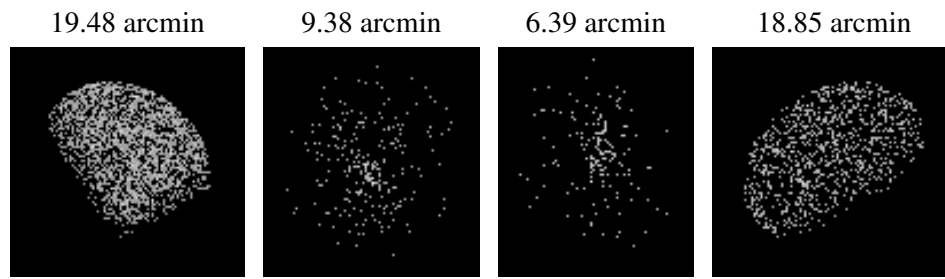
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.12.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	30.1

A.2 Comments