

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 5764 - L2 Version 002
Chandra X-Ray Center

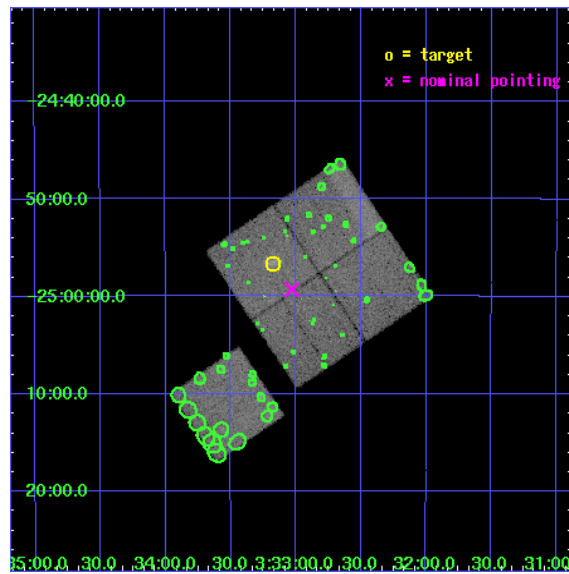
L2 Processing Date : Mar 18 2006

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Bias	3
2.1.3	Parameters	4
2.1.4	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
3	Point Sources	17
A	Summary	18
A.1	Status	18
A.2	Comments	18

1 Front

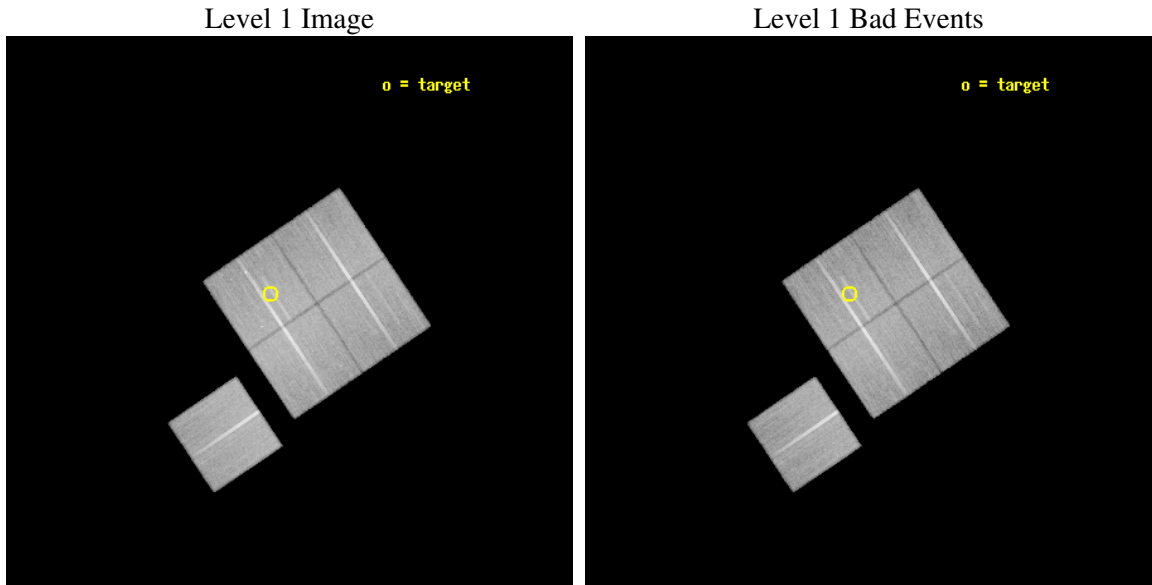
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obs_id	5764
title	DARK ENERGY WITH X-RAY CLUSTERS: CHANDRA OBSERVATIONS OF 41 HIGH-REDSHIFT CLUSTERS FROM THE 400 deg ² ROSAT PSPC SURVEY
observer	Dr Alexey Vikhlinin
object	cl0333-2456
dtcycle	0
cycle	P
ra_targ	53.292917
dec_targ	-24.944444
ra_nom	53.257673362345
dec_nom	-24.988345954487
roll_nom	236.04667672898
revision	2
ontime	44171.817914814
livetime	43594.680594937
ontime0	44174.958944768
ontime1	44178.099915057
ontime2	44171.817994565
ontime3	44171.817914814
ontime6	44174.958924919
l2events	161368



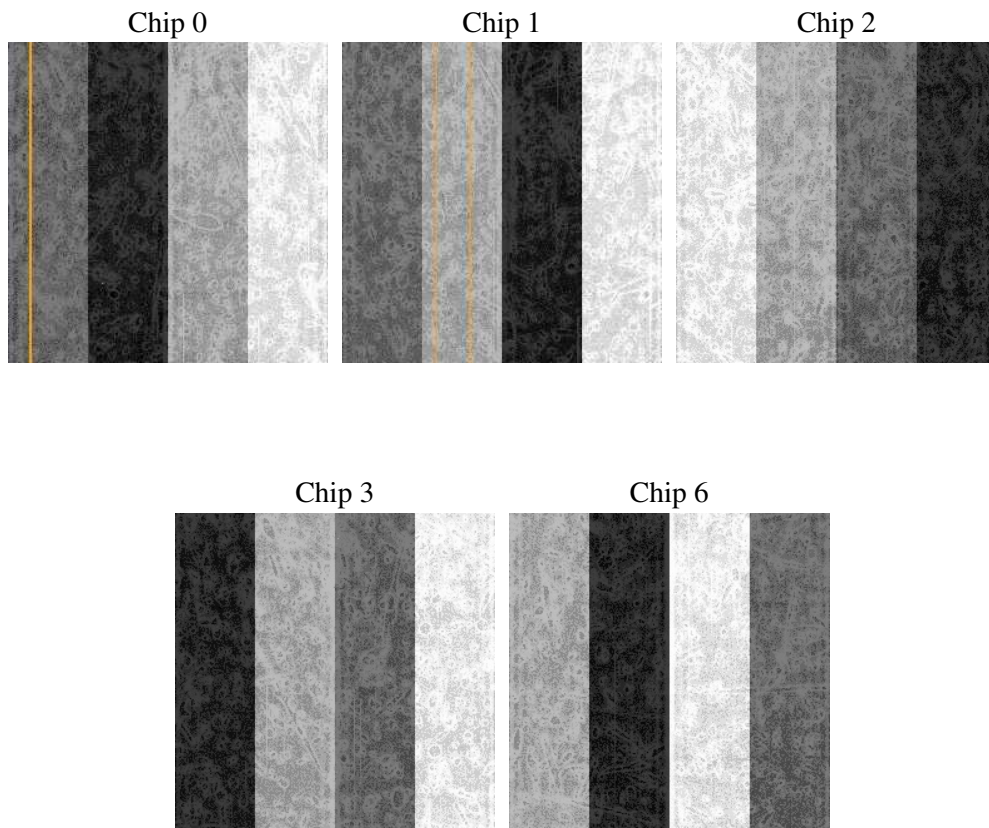
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.1
caldsver	3.2.1
date	2006-03-18T03:30:49
revision	2

sched_exp_time	44000.000000
ontime	44913.176841408
ontime0	44916.317901254
ontime1	44919.458841652
ontime2	44913.176921159
ontime3	44913.176841408
ontime6	44916.317881405
l1events	1420138

2.1.4 Events

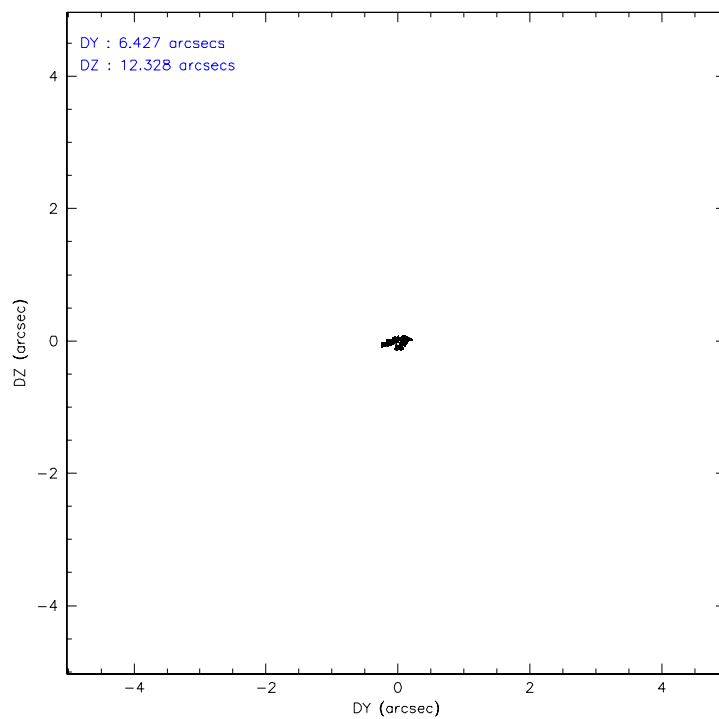
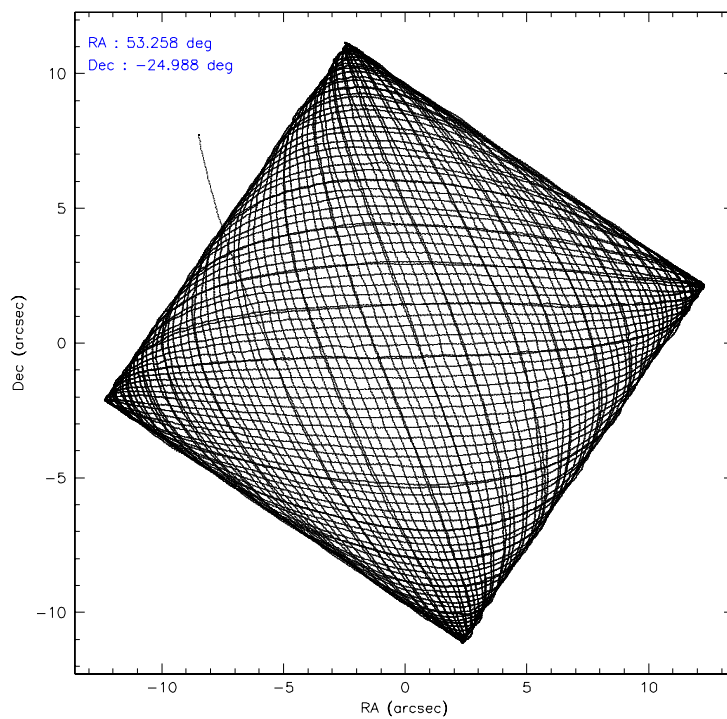
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	266898	268827	301615	288329	294469
rejected events	231102	228213	266159	251155	256241
rejected %	86%	84%	88%	87%	87%

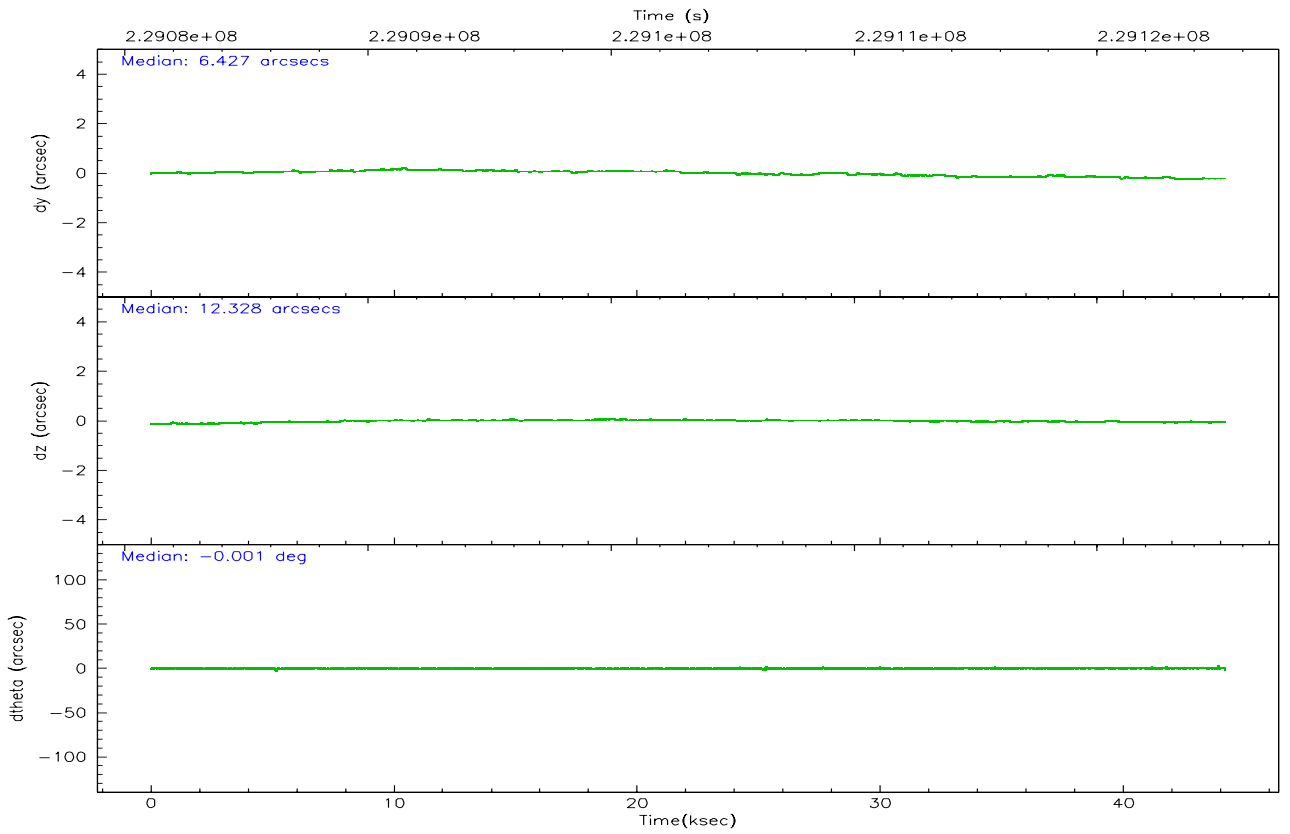
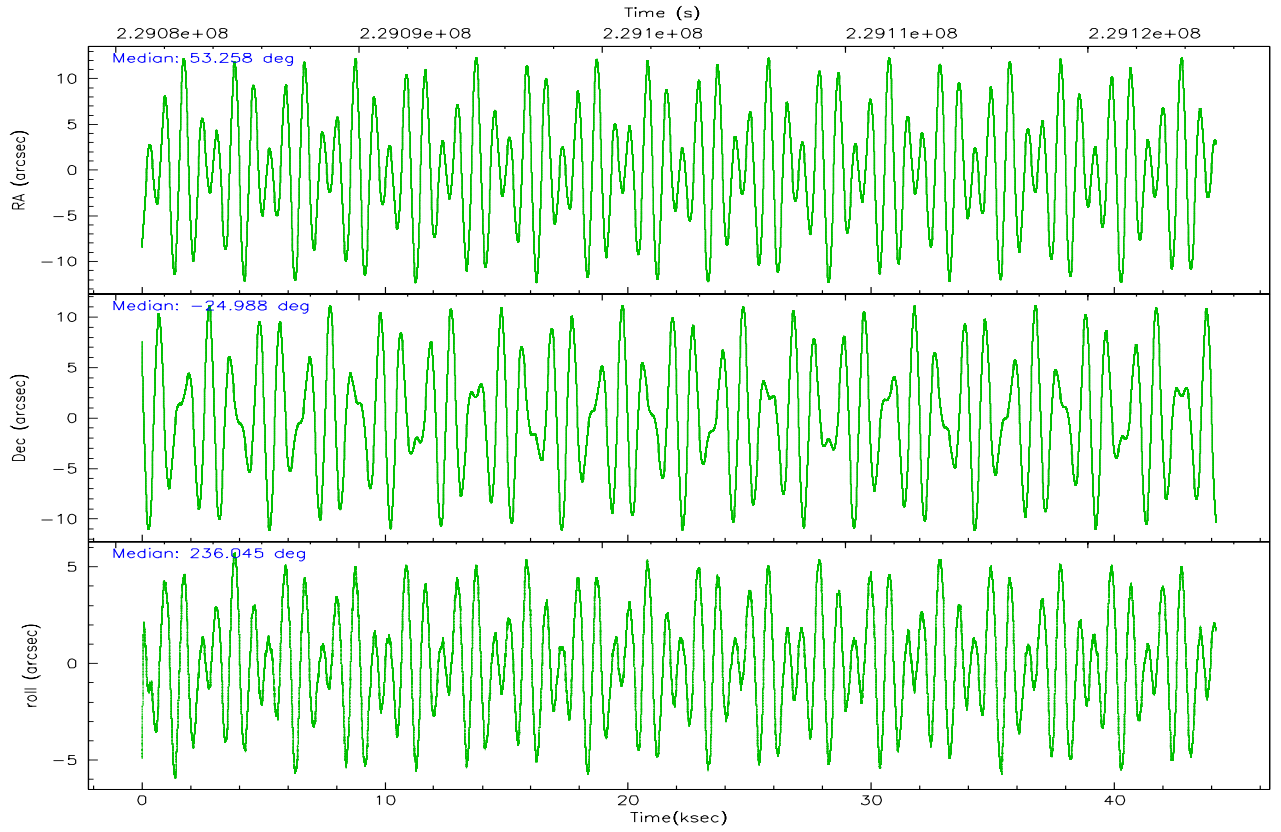
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	14789	17967	15232	16912	16288
	5%	6%	5%	5%	5%
grade 1 events	175	146	209	193	153
	0%	0%	0%	0%	0%
grade 2 events	7773	8156	7645	7211	7523
	2%	3%	2%	2%	2%
grade 3 events	3678	3874	3468	3552	3719
	1%	1%	1%	1%	1%
grade 4 events	3464	3883	3371	3519	3651
	1%	1%	1%	1%	1%
grade 5 events	10081	10687	9639	11302	10993
	3%	3%	3%	3%	3%
grade 6 events	6598	7353	6197	6438	7629
	2%	2%	2%	2%	2%
grade 7 events	220340	216761	255854	239202	244513
	82%	80%	84%	82%	83%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-01236	ACIS-01236	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	53.259631	53.25767336234498	Alternating exposures requested	N	N
Pointing Dec	-24.961026	-24.98834595448718	Primary exposure time	0.000000	3.1
Pointing Roll	235.838819	236.0466767289836			
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-225.840463	-225.8433433320239			
SIM translation stage offset (mm)	-7.752	-7.749109670905796			
Observation start time	229081258.184000	229079897.78099			
Observation start date	2005-04-05T09:39:54	2005-04-05T09:18:17			
Observation end time	229125258.184000	229126307.7331			
Observation end date	2005-04-05T21:53:14	2005-04-05T22:11:47			
Read mode	TIMED	TIMED			

2.3 Aspect



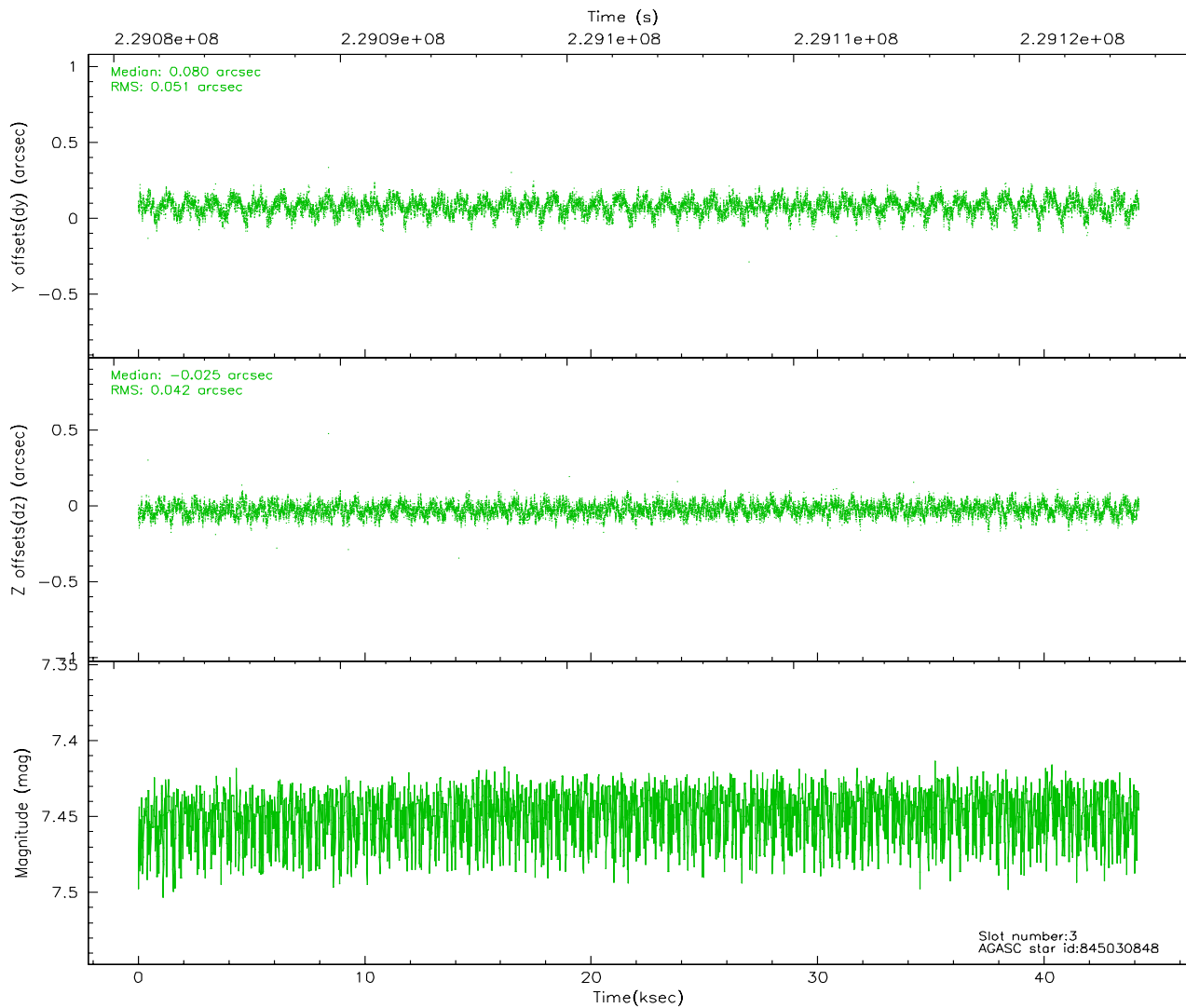
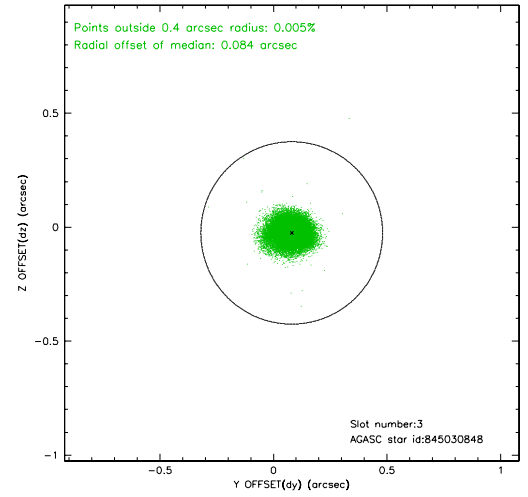
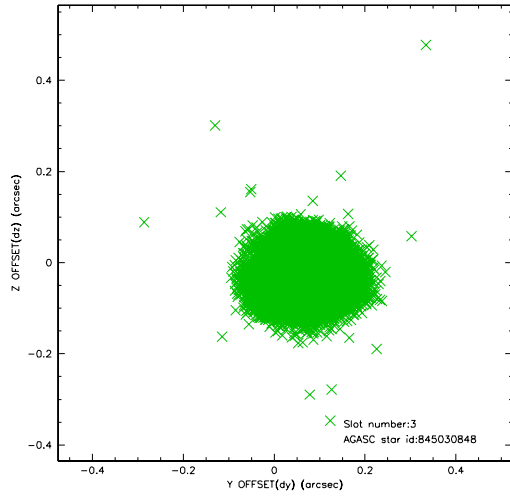


Slot Statistics

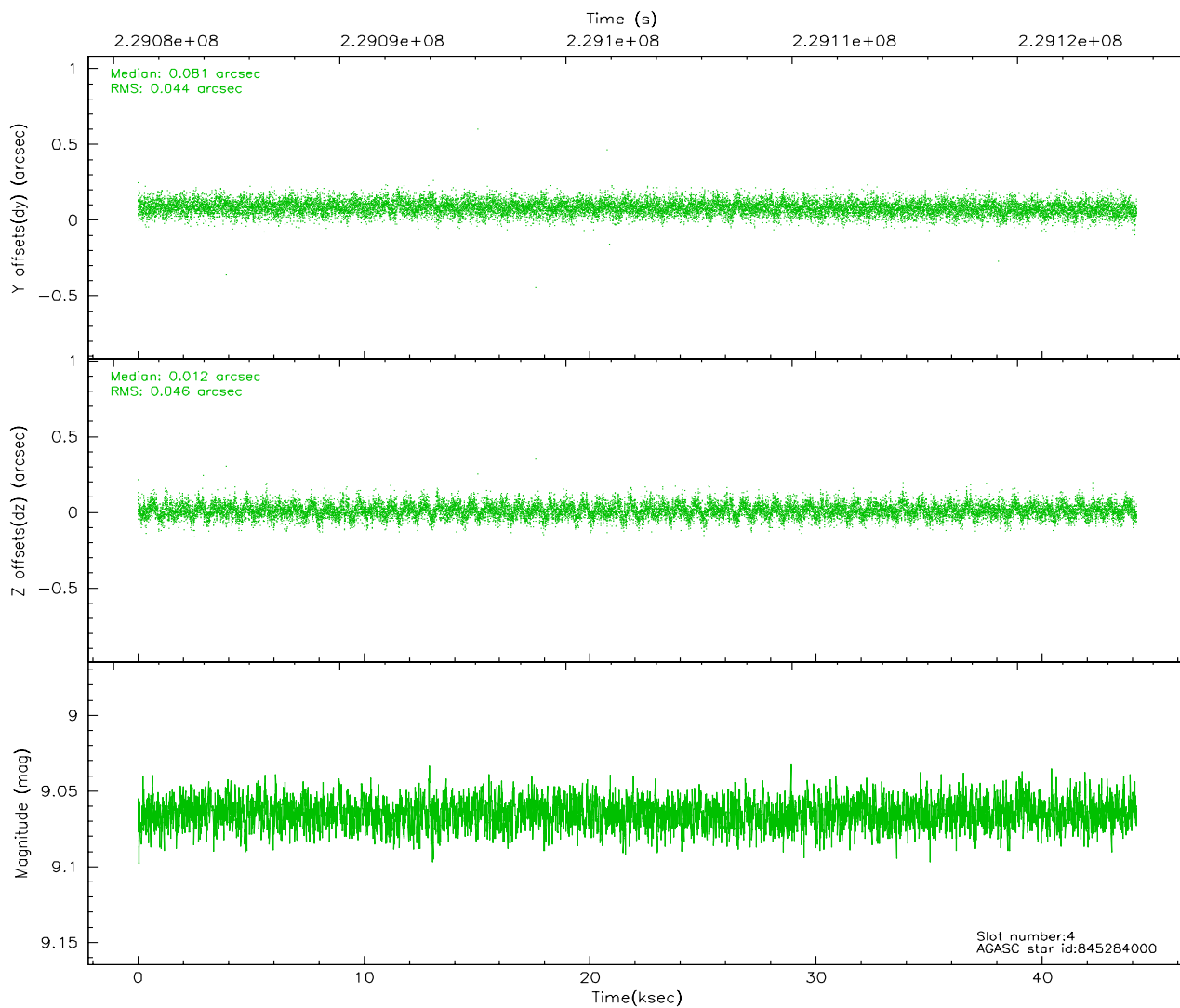
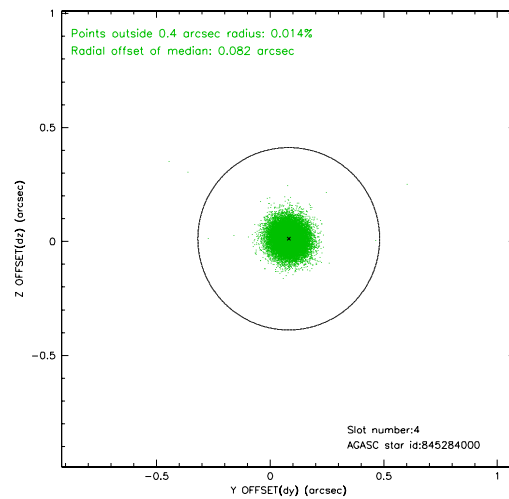
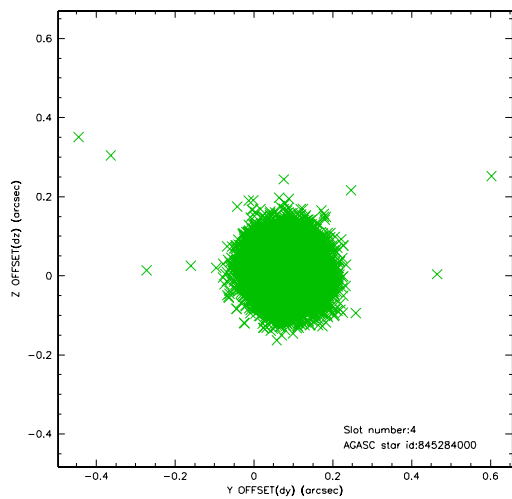
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.23	10775	0.103	-0.061	0.007	0.011	0.000000	0.000000	933.22	-995.01
1	FID	ACIS-I-5	7.22	10777	-0.194	0.109	0.006	0.011	0.000000	0.000000	-1815.15	902.69
2	FID	ACIS-I-6	7.25	10775	-0.000	0.023	0.007	0.012	0.000000	0.000000	398.71	1547.07
3	GUIDE	845030848	7.45	21553	0.080	-0.025	0.071	0.112	53.109937	-24.616416	-751.10	-1101.67
4	GUIDE	845284000	9.06	21538	0.081	0.012	0.067	0.109	52.995169	-25.542854	2216.43	466.22
5	GUIDE	845024432	8.27	21544	0.063	0.058	0.051	0.085	53.880799	-24.561353	-2328.60	877.89
6	GUIDE	845027080	9.01	21543	0.047	-0.011	0.092	0.151	54.123172	-24.962599	-1570.04	2340.51
7	GUIDE	845421488	6.21	21552	-0.265	-0.037	0.052	0.080	53.111135	-25.658502	2348.31	1011.79

2.4 Star Slots

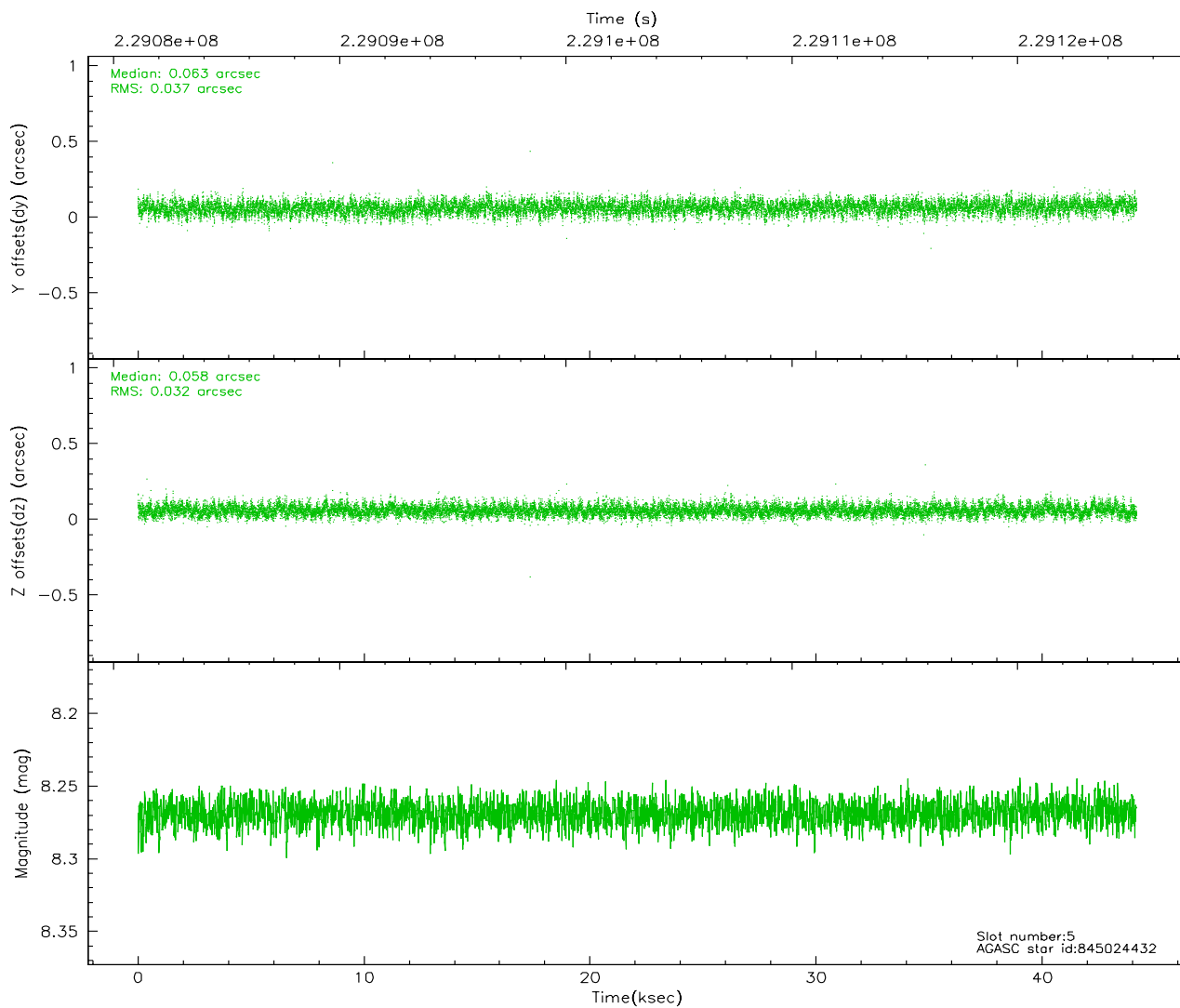
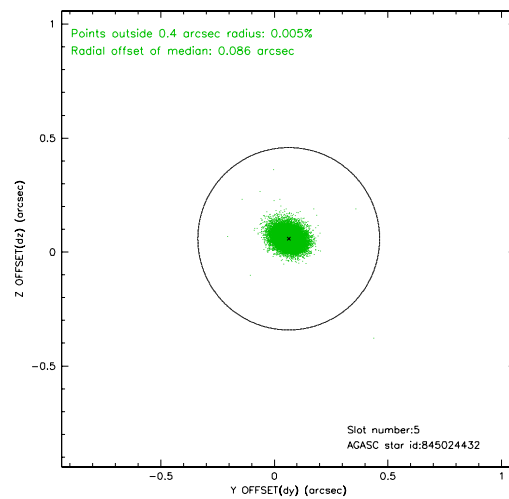
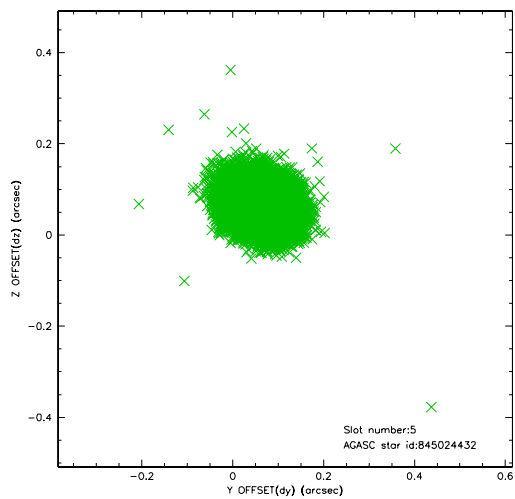
2.4.1 Slot 3



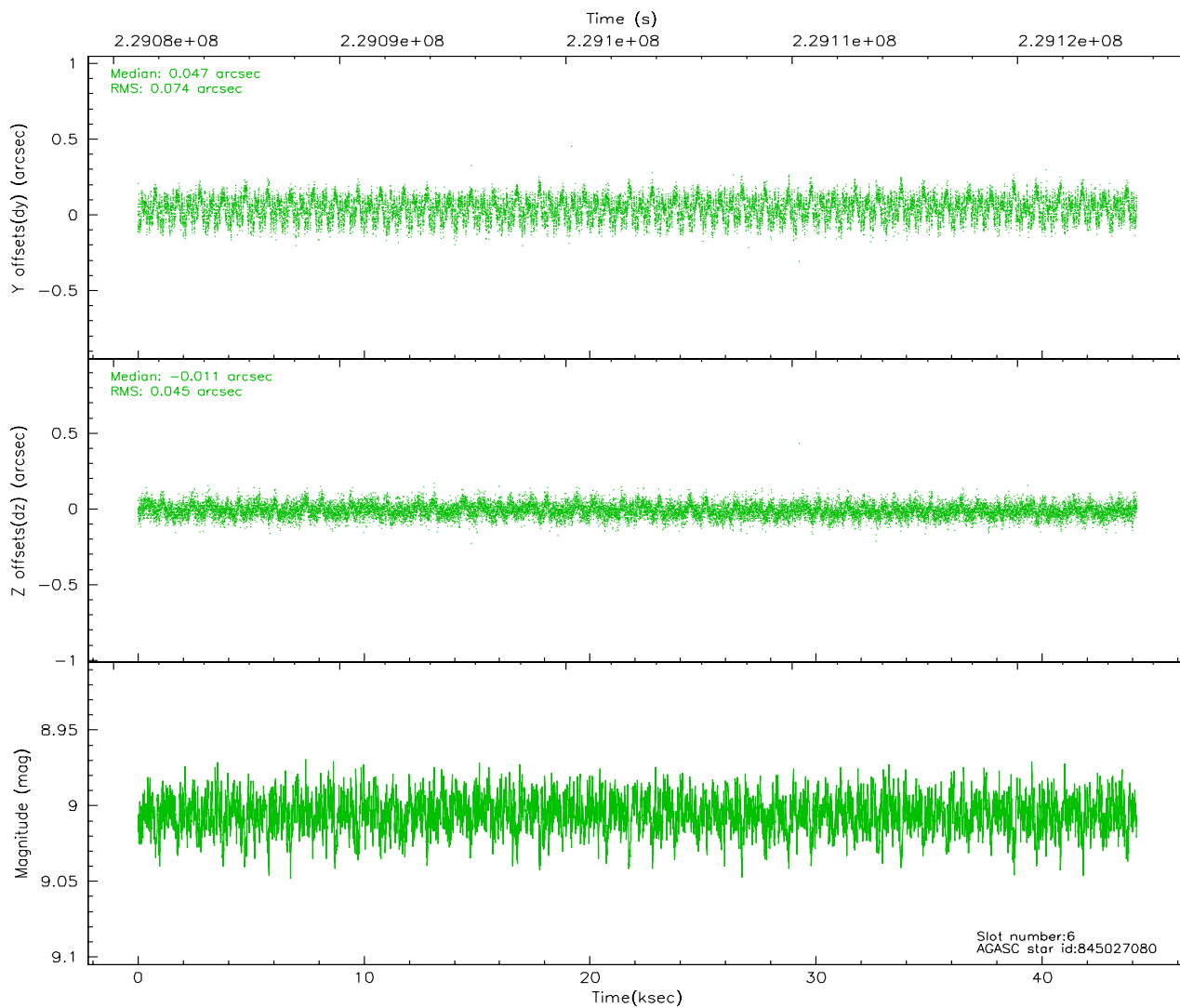
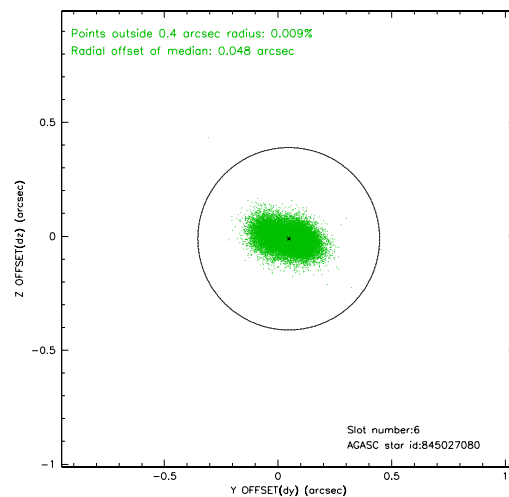
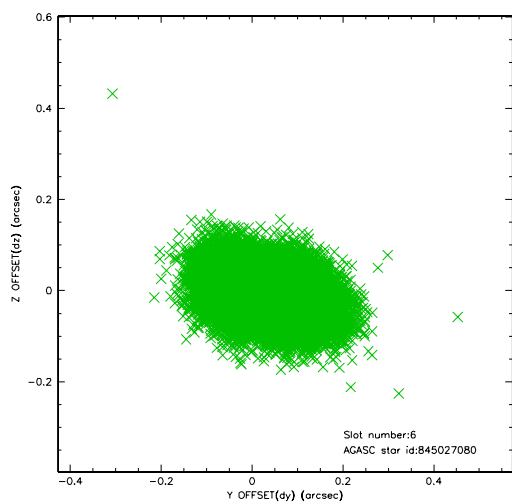
2.4.2 Slot 4



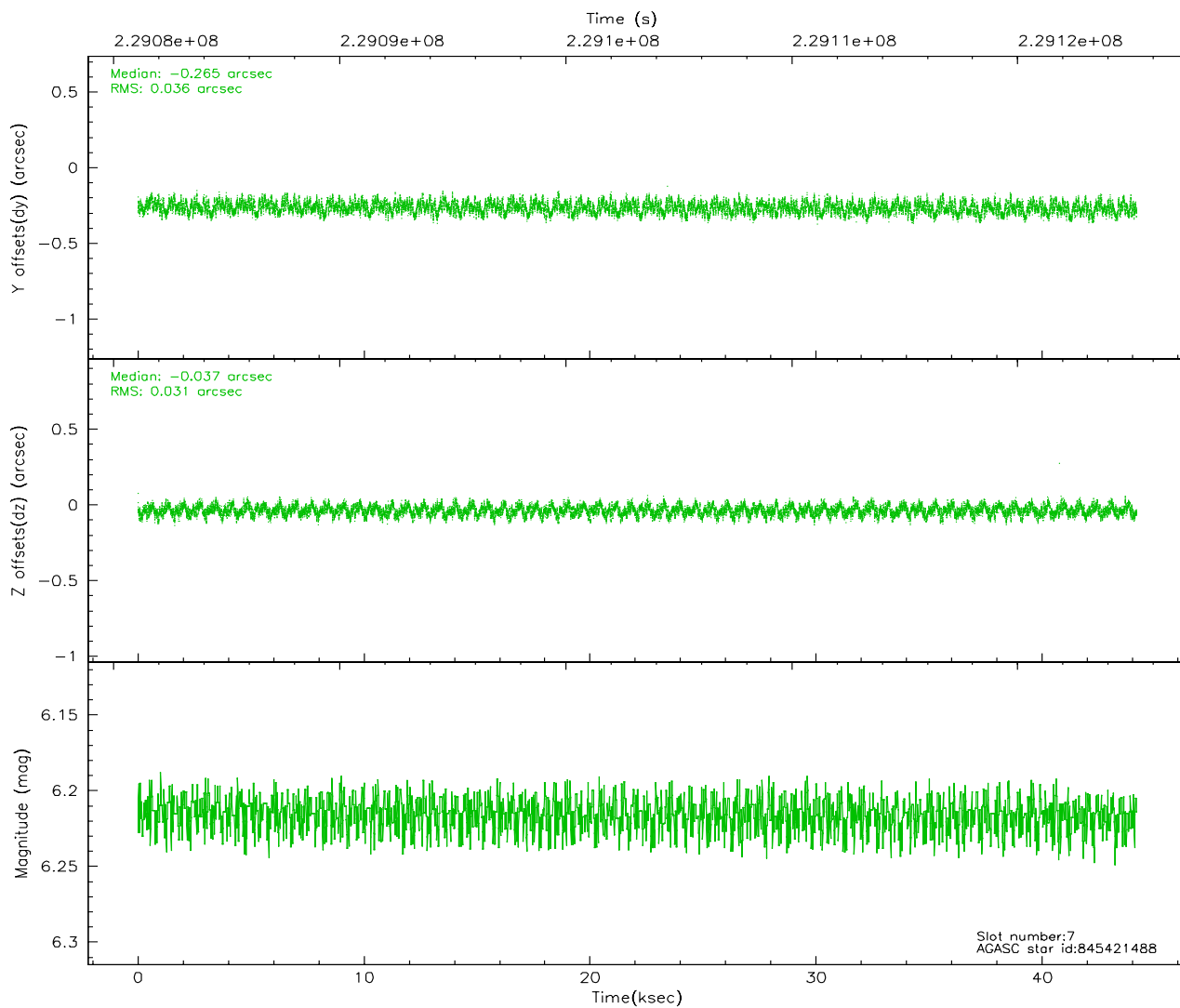
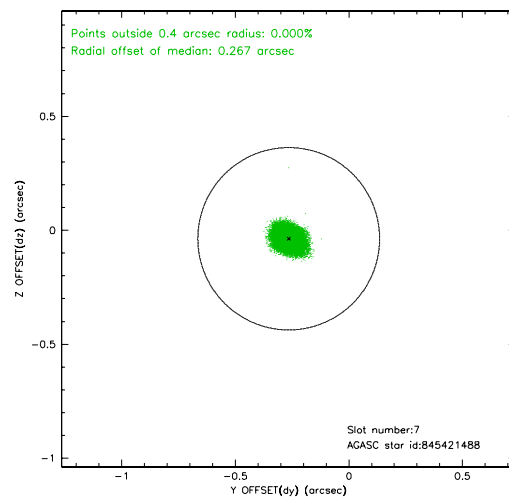
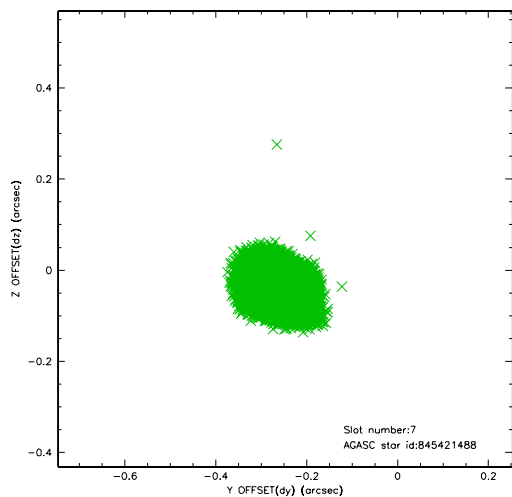
2.4.3 Slot 5



2.4.4 Slot 6

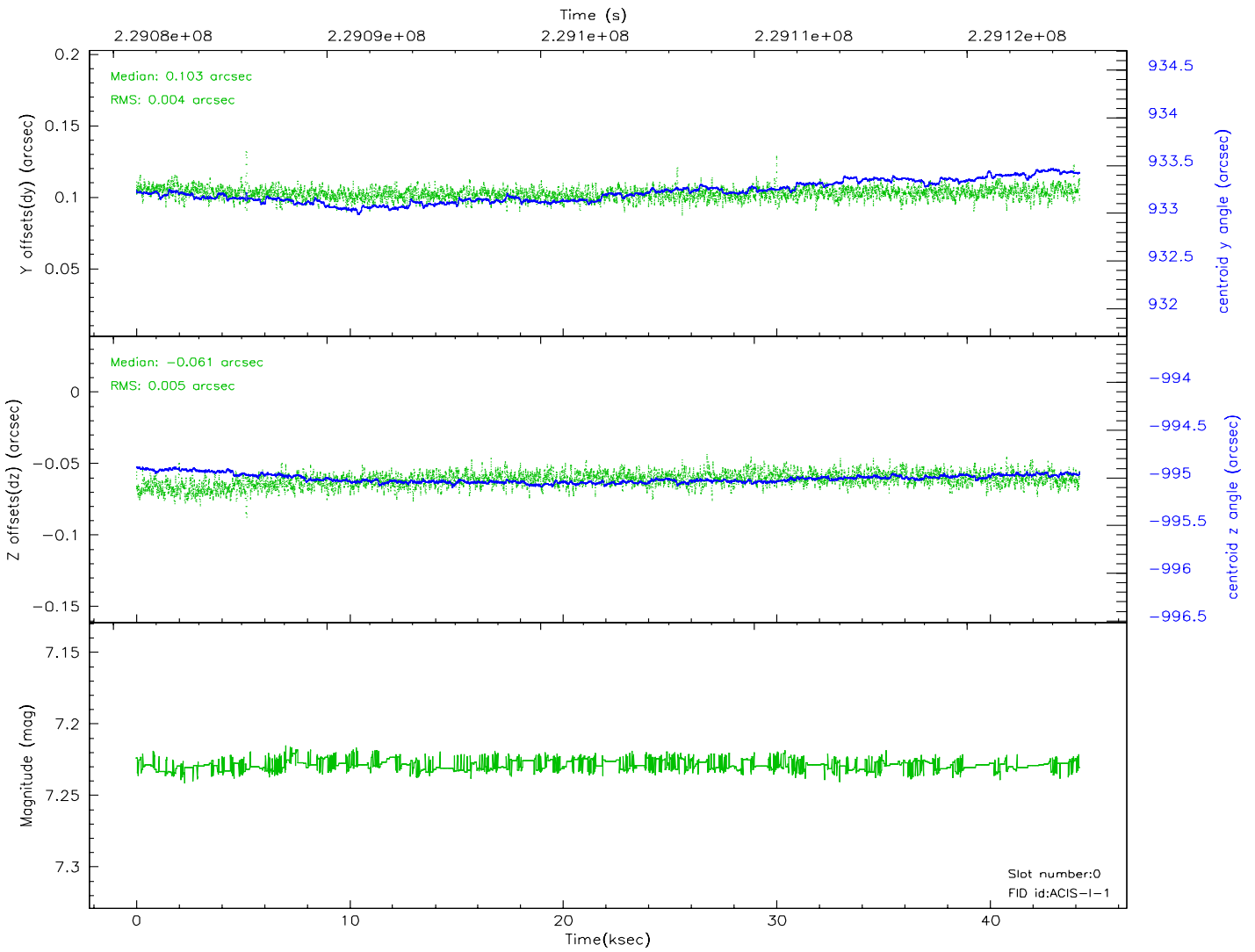
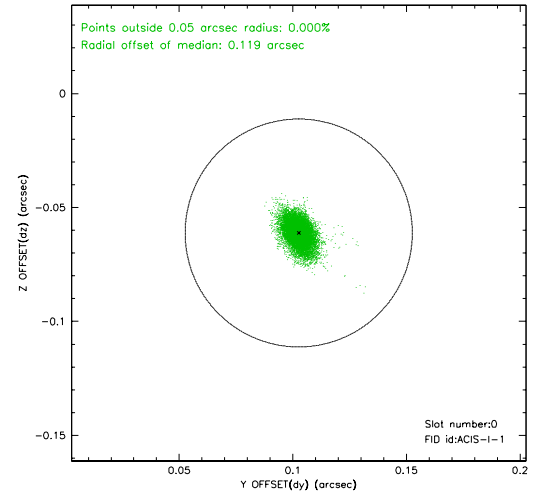
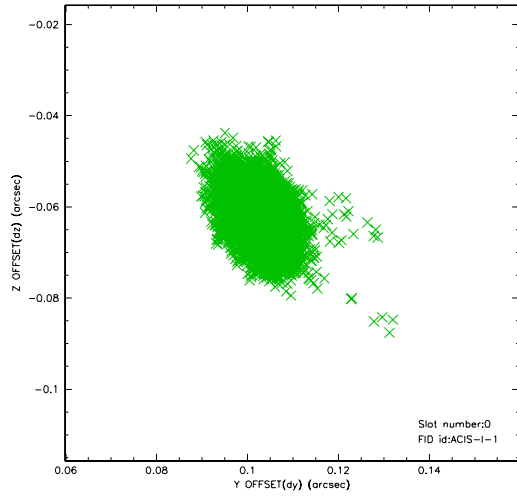


2.4.5 Slot 7

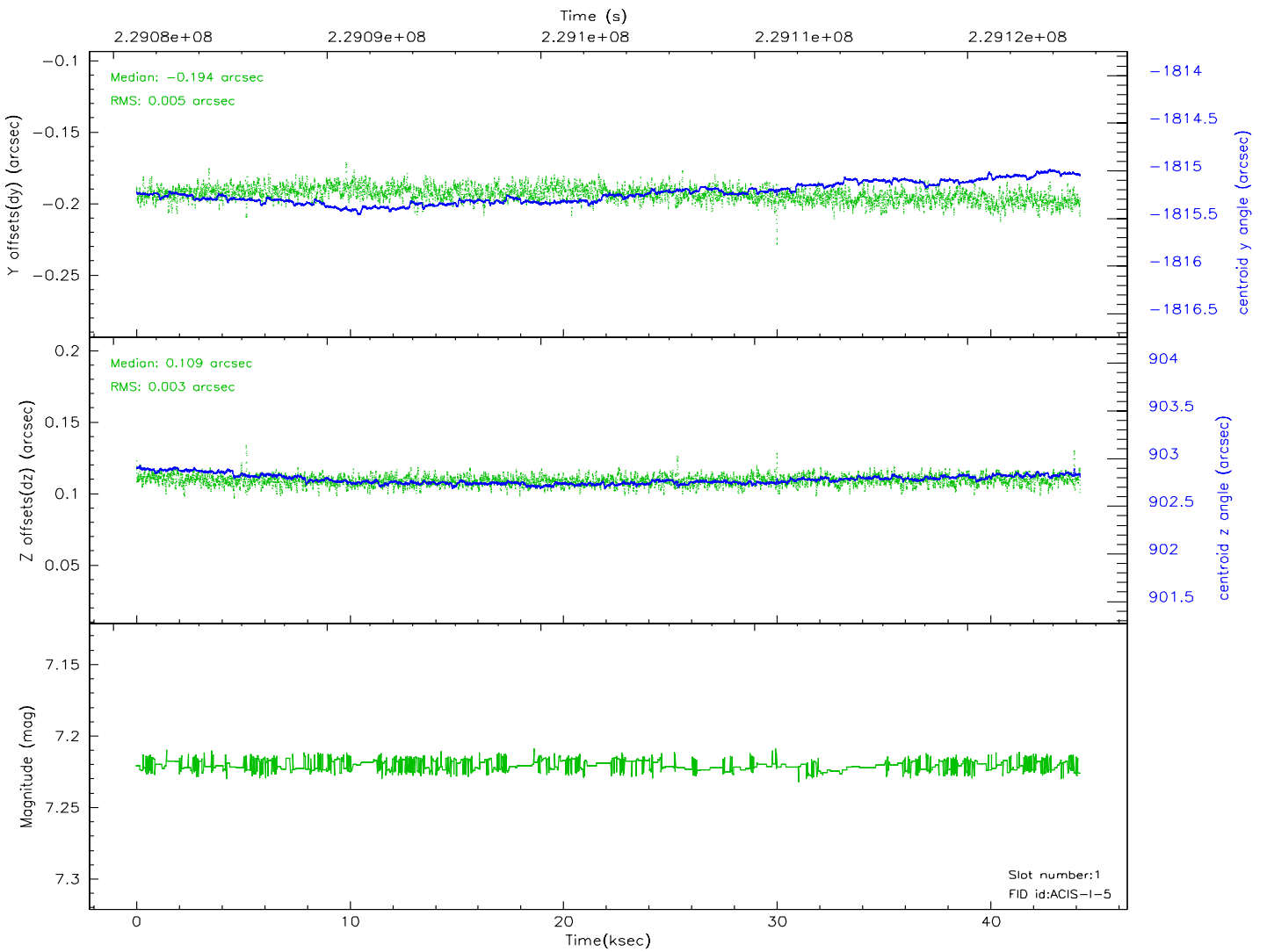
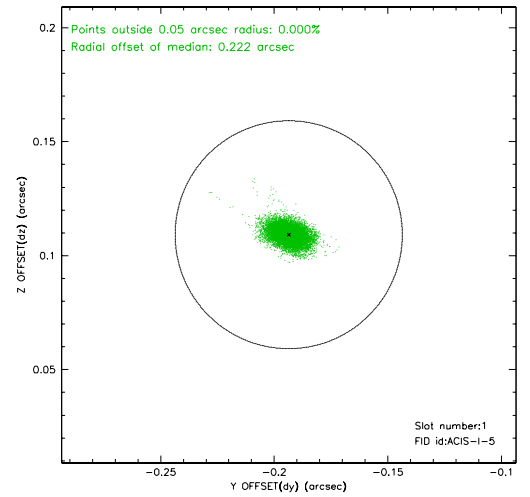
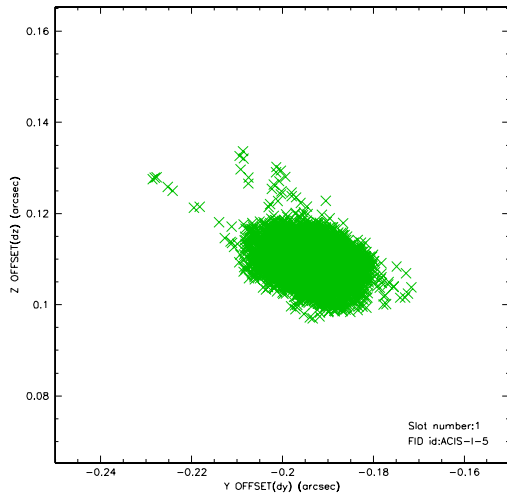


2.5 FID Slots

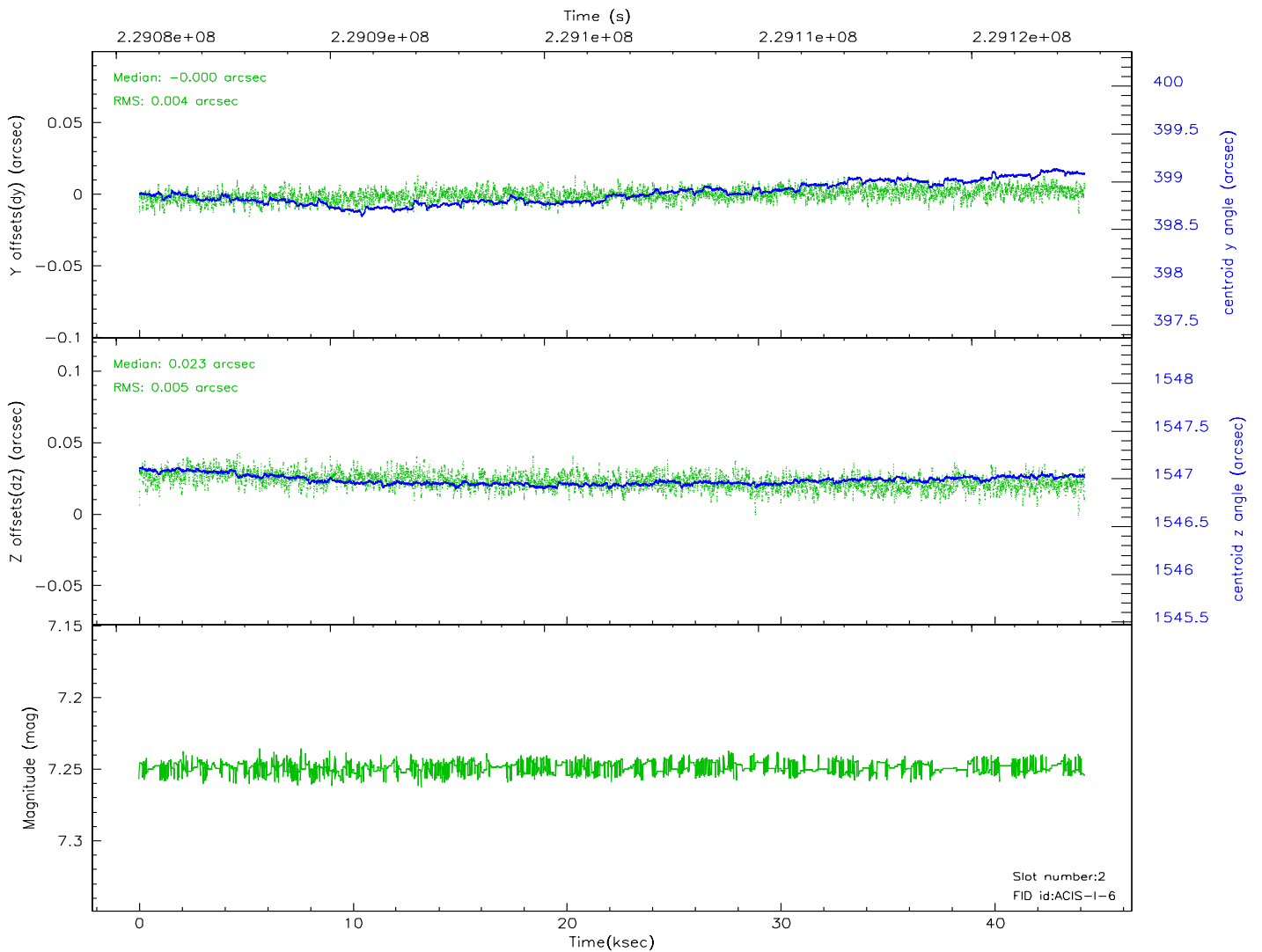
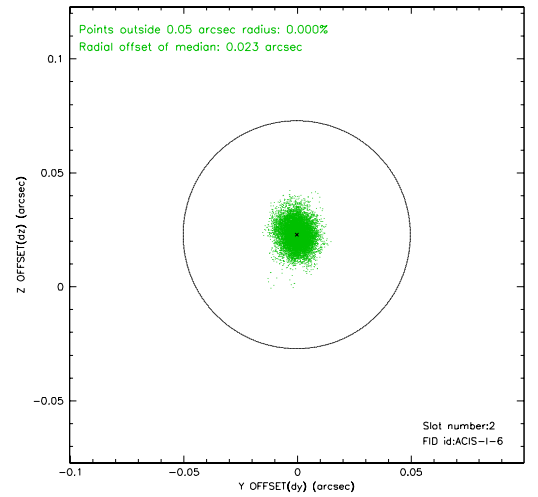
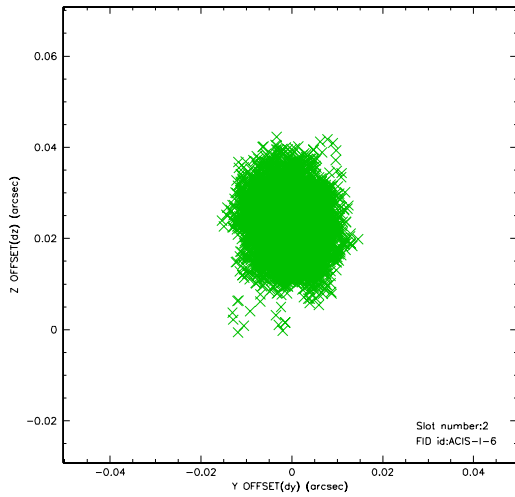
2.5.1 Slot 0



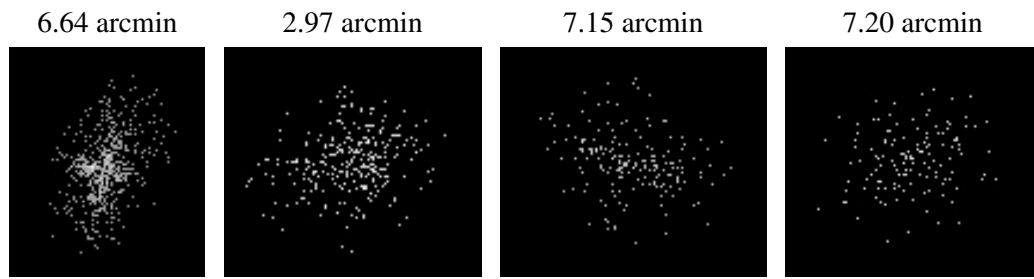
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.03.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	44.17181

A.2 Comments