

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 2313 - L2 Version 001
Chandra X-Ray Center

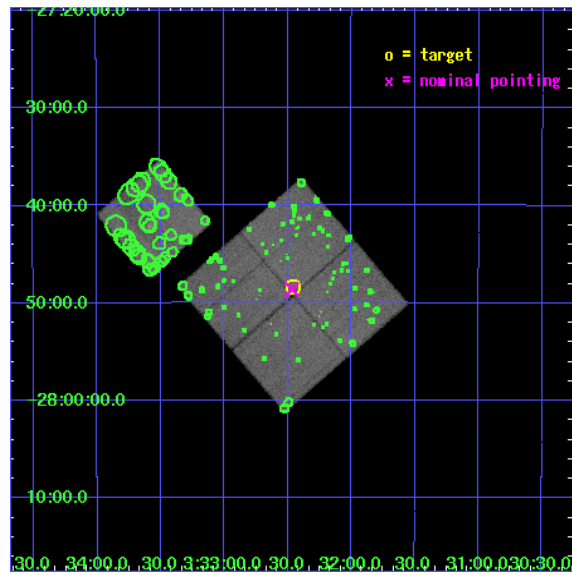
L2 Processing Date : Jun 22 2007

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1 Front

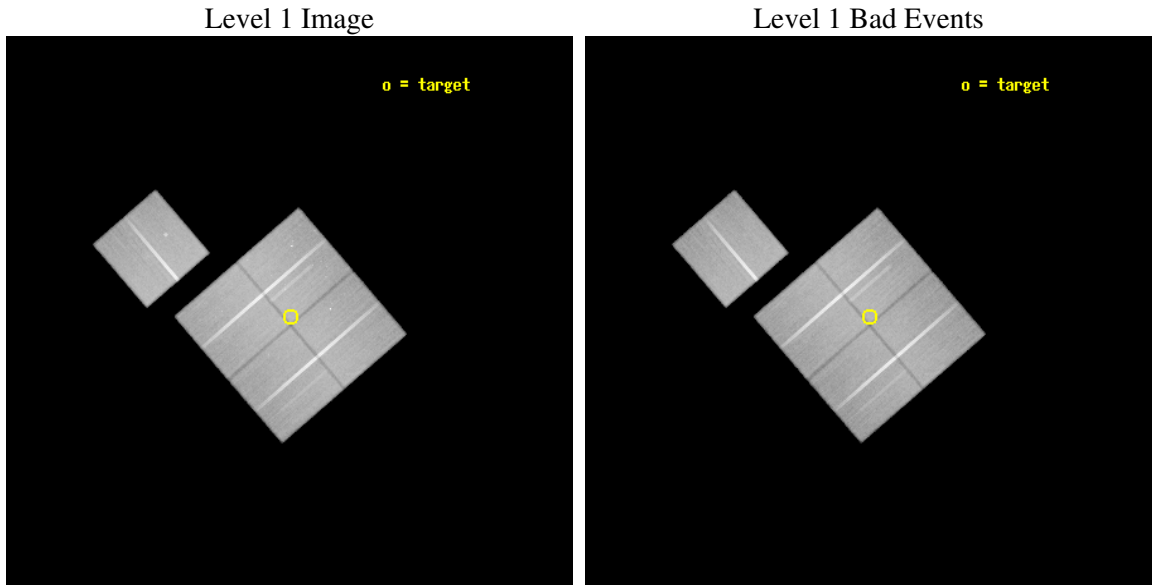
seq_num	900066
obs_id	2313
title	AN ULTRADEEP SURVEY IN THE CHANDRA DEEP FIELD SOUTH
observer	PROF. RICCARDO GIACCONI
object	CDFS
dtcycle	0
cycle	P
ra_targ	53.114583
dec_targ	-27.806389
ra_nom	53.116989436591
dec_nom	-27.810717963761
roll_nom	319.20981086438
revision	2
ontime	132124.93587506
livetime	130398.62631889
ontime0	132134.3587857
ontime1	132128.07684529
ontime2	132124.93590499
ontime3	132124.93587506
ontime6	132124.93590499
l2events	386365



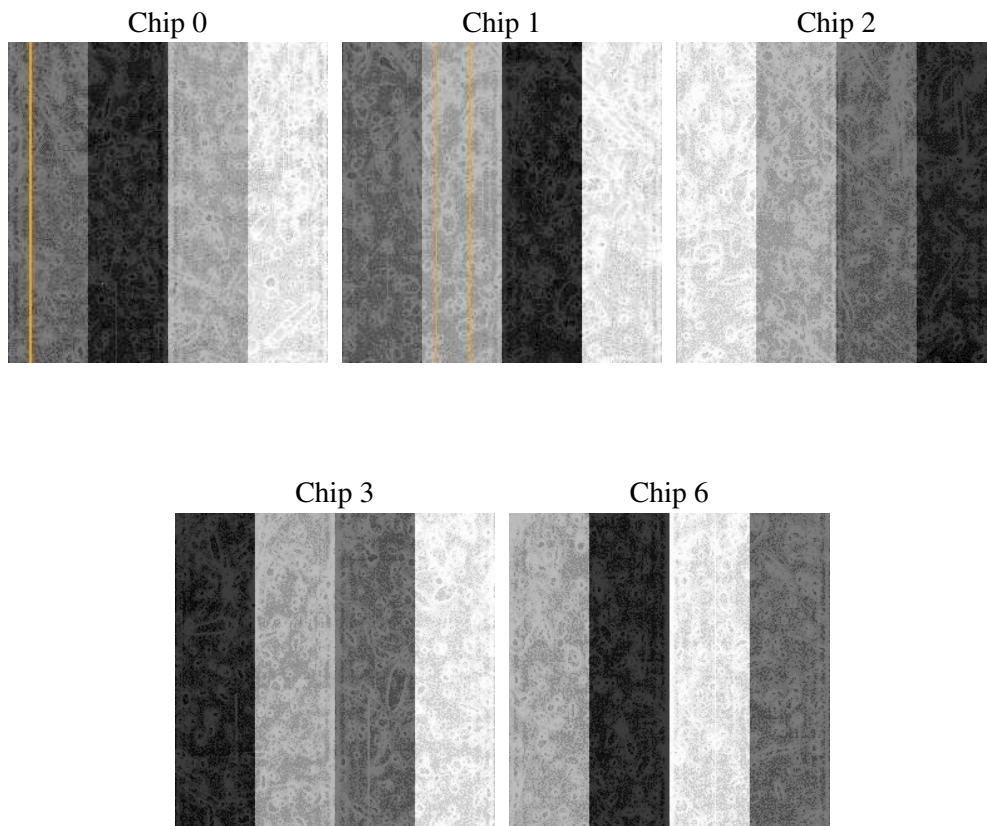
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.10
caldbver	3.4.0
date	2007-06-22T04:58:39
revision	2

sched_exp_time	131983.891000
ontime	132124.93587506
ontime0	132134.3587857
ontime1	132128.07684529
ontime2	132124.93590499
ontime3	132124.93587506
ontime6	132124.93590499
ll events	3850104

2.1.4 Events

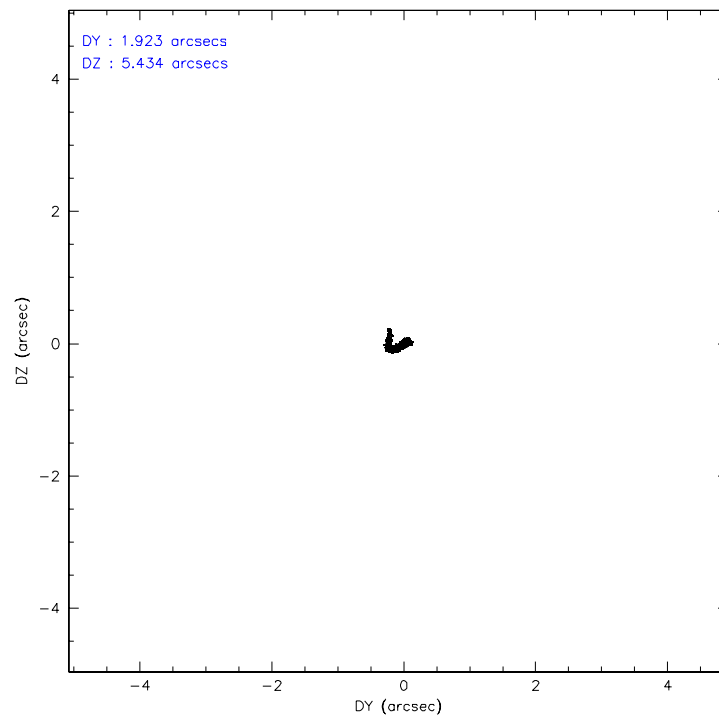
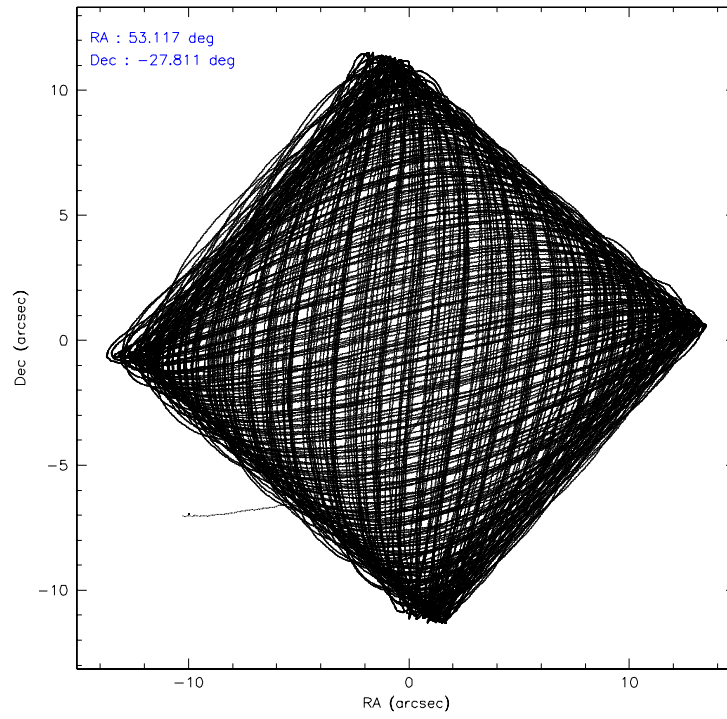
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	723545	737324	799727	799800	789708
rejected events	634718	642534	712854	709428	699190
rejected %	87%	87%	89%	88%	88%

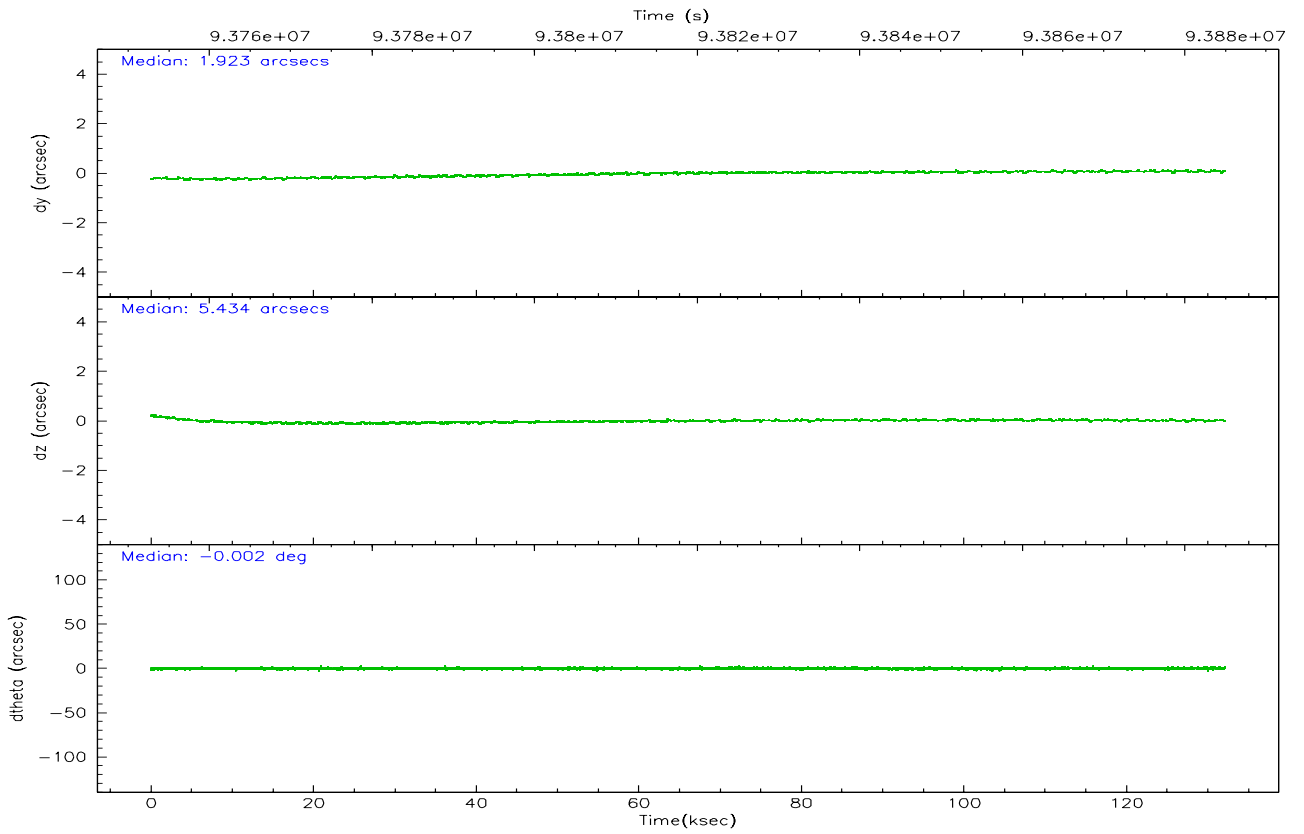
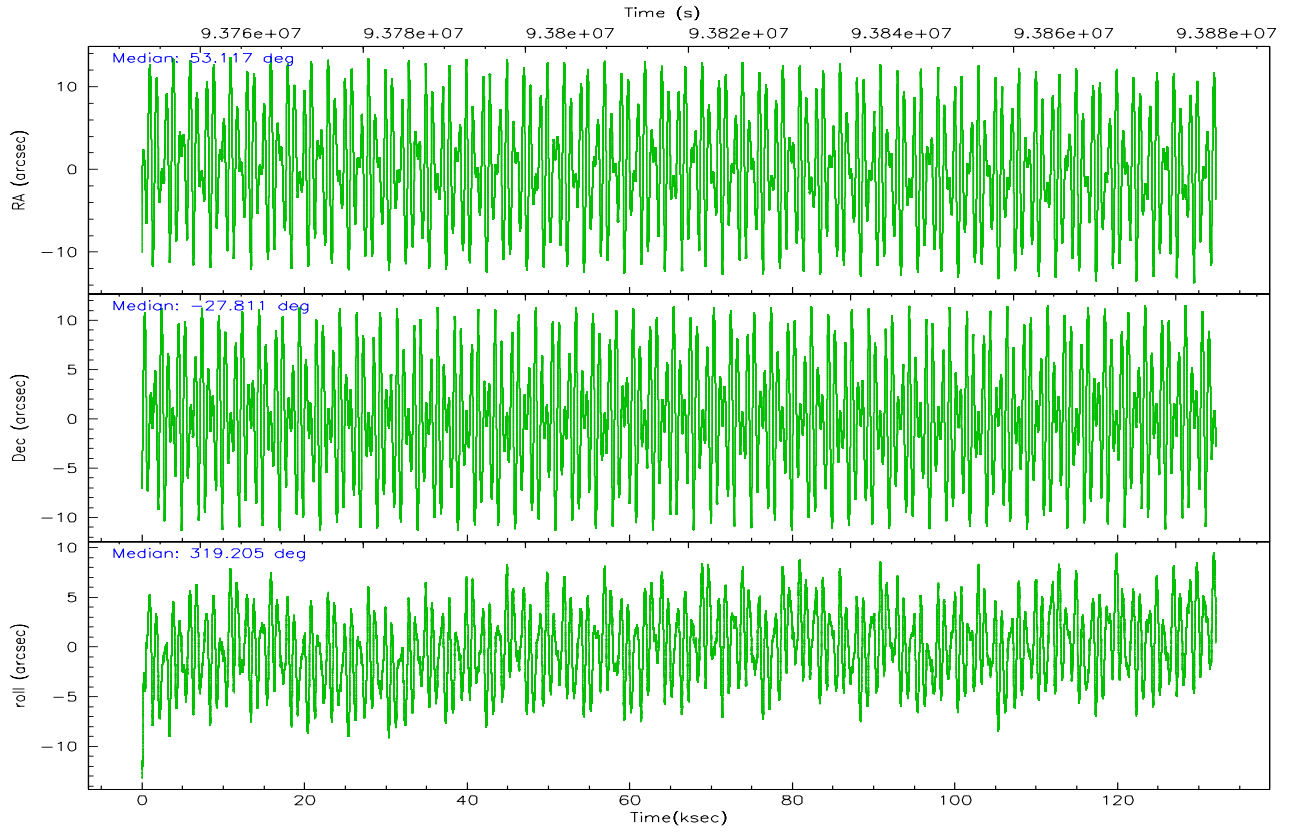
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	37104	38786	36844	39754	37996
	5%	5%	4%	4%	4%
grade 1 events	347	346	314	369	385
	0%	0%	0%	0%	0%
grade 2 events	18766	19016	18598	17913	17306
	2%	2%	2%	2%	2%
grade 3 events	8958	9984	8429	8656	9109
	1%	1%	1%	1%	1%
grade 4 events	8635	9605	8121	8492	8956
	1%	1%	1%	1%	1%
grade 5 events	27696	30073	27080	30780	32574
	3%	4%	3%	3%	4%
grade 6 events	15729	17802	15237	15922	17509
	2%	2%	1%	1%	2%
grade 7 events	606310	611712	685104	677914	665873
	83%	82%	85%	84%	84%

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	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	53.086468	53.11698943659062	Subarray requested	NONE	NONE
Pointing Dec	-27.805526	-27.81071796376126	Alternating exposures requested	N	N
Pointing Roll	318.986883	319.209810864381	Primary exposure time	0.000000	3.1
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	93752976.184000	93751723.052683			
Observation start date	2000-12-21T02:28:32	2000-12-21T02:08:43			
Observation end time	93884959.184000	93885273.895292			
Observation end date	2000-12-22T15:08:15	2000-12-22T15:14:33			
Read mode	TIMED	TIMED			

2.3 Aspect



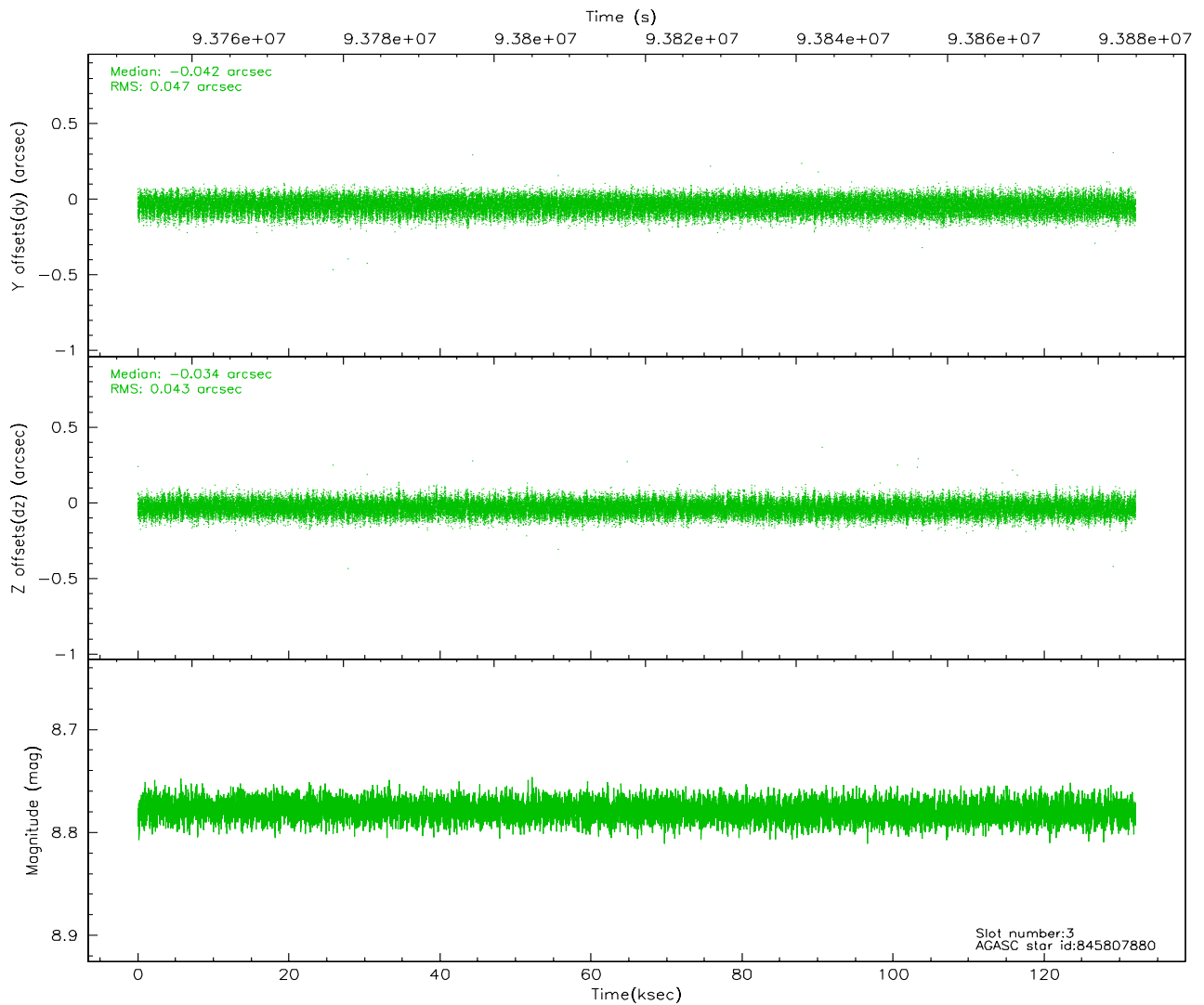
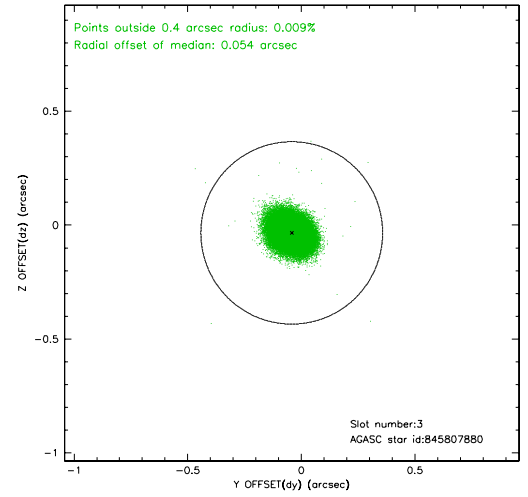
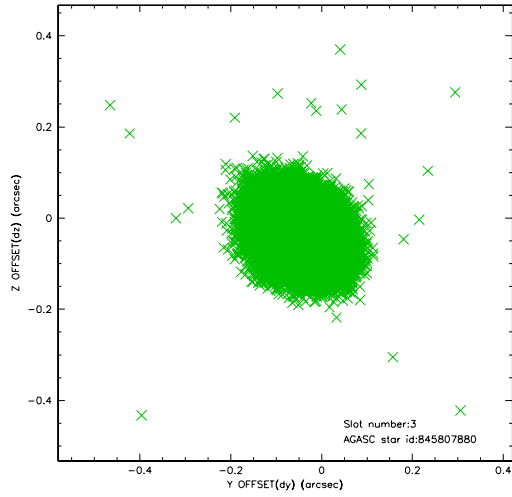


Slot Statistics

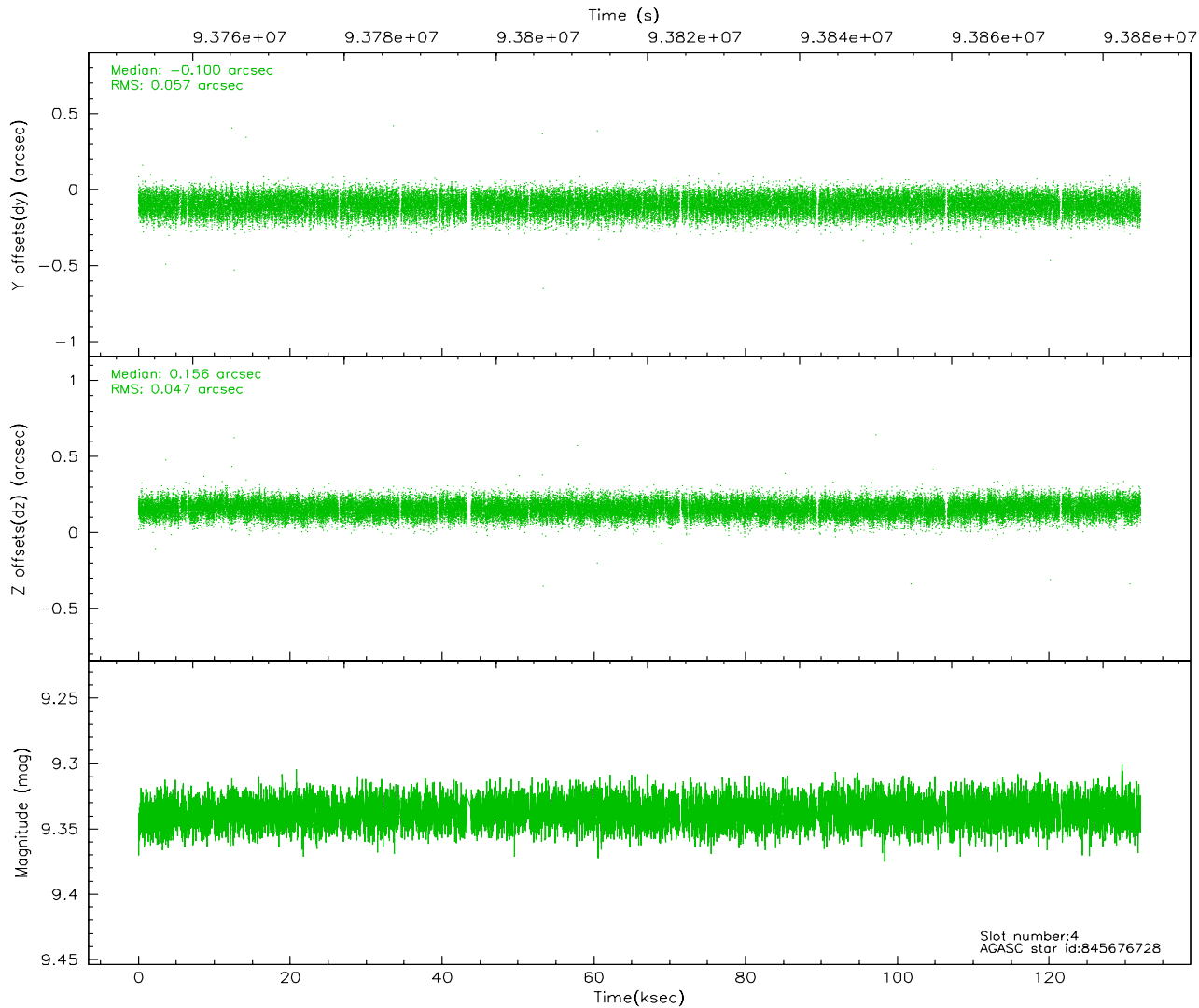
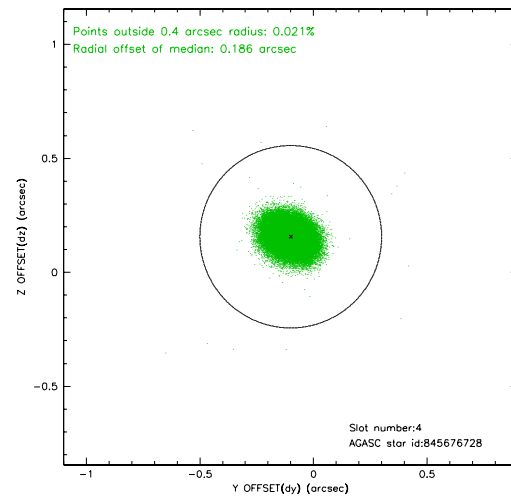
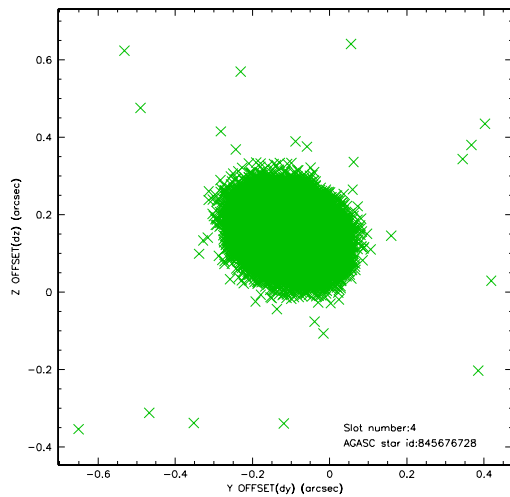
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-2	7.15	32226	-0.016	-0.031	0.009	0.016	0.000000	0.000000	-756.24	-835.17
1	FID	ACIS-I-4	7.19	32225	-0.064	0.027	0.008	0.016	0.000000	0.000000	2157.80	1071.13
2	FID	ACIS-I-5	7.23	32228	-0.021	0.072	0.010	0.017	0.000000	0.000000	-1810.22	1068.88
3	GUIDE	845807880	8.78	64437	-0.042	-0.034	0.068	0.109	53.382027	-27.886093	900.88	397.60
4	GUIDE	845676728	9.34	61185	-0.100	0.156	0.079	0.128	52.877179	-27.664318	-836.87	-54.66
5	GUIDE	845676936	9.50	64412	-0.054	-0.103	0.084	0.141	52.843773	-27.880153	-405.68	-710.10
6	GUIDE	845808520	10.20	64406	0.044	0.103	0.120	0.202	53.575292	-27.720766	977.48	1250.48
7	GUIDE	845816344	9.26	64433	0.148	-0.115	0.101	0.169	53.137522	-28.675689	2178.10	-2257.82

2.4 Star Slots

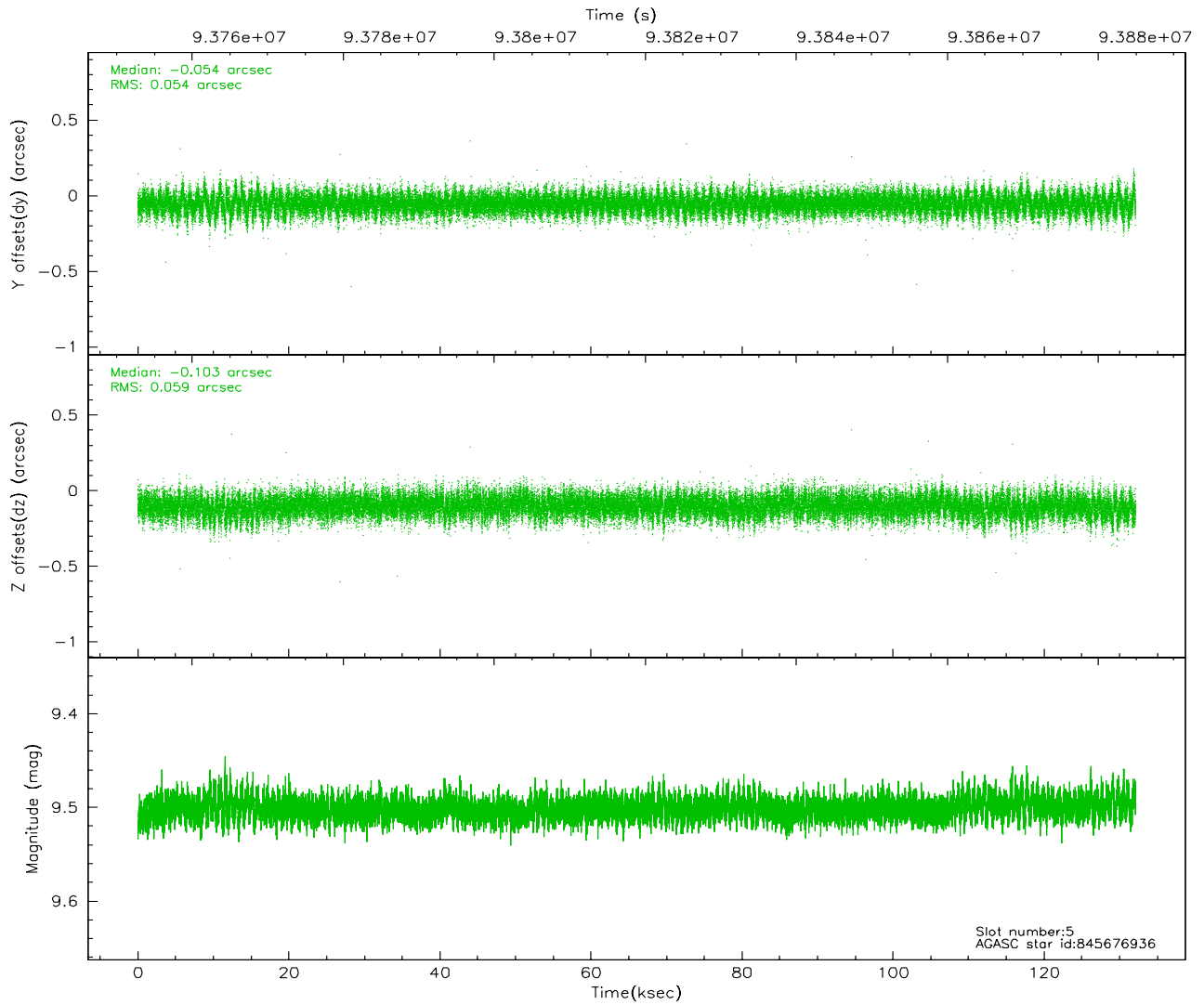
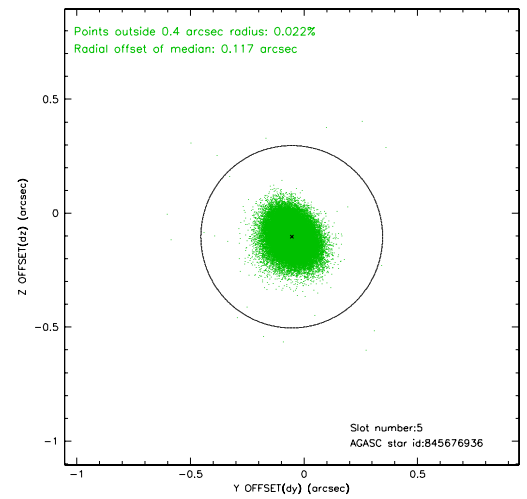
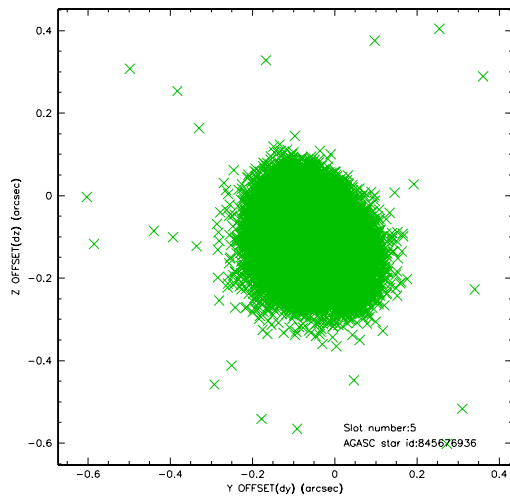
2.4.1 Slot 3



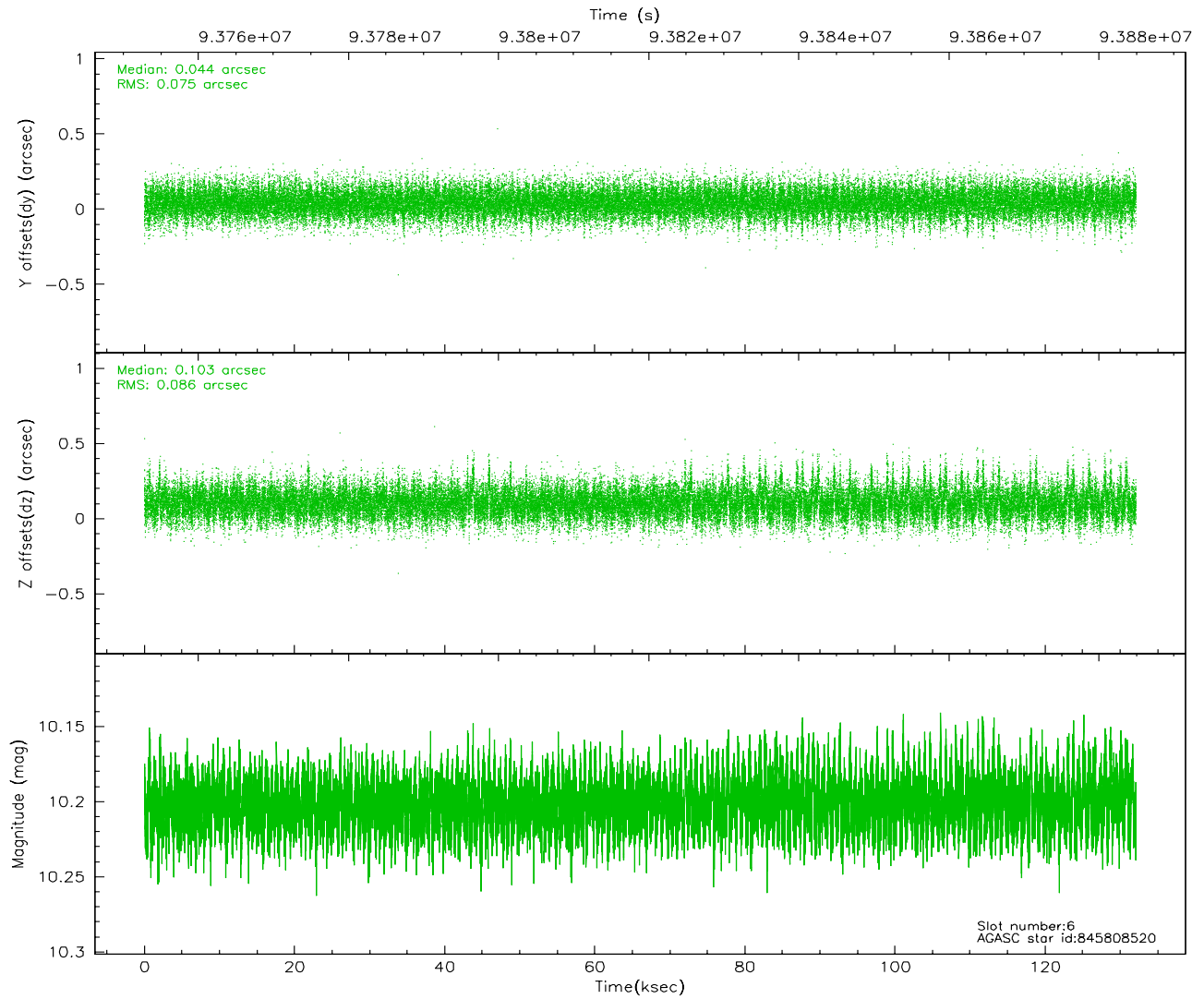
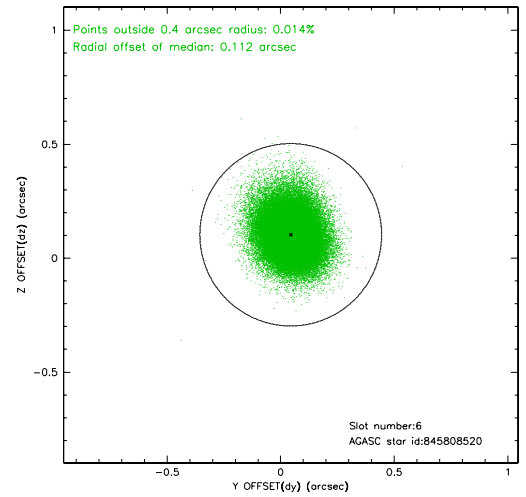
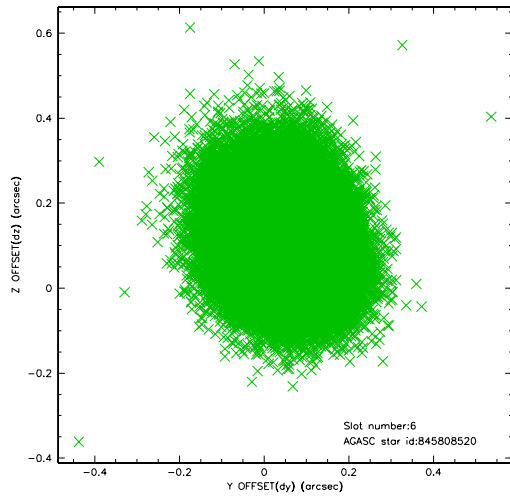
2.4.2 Slot 4



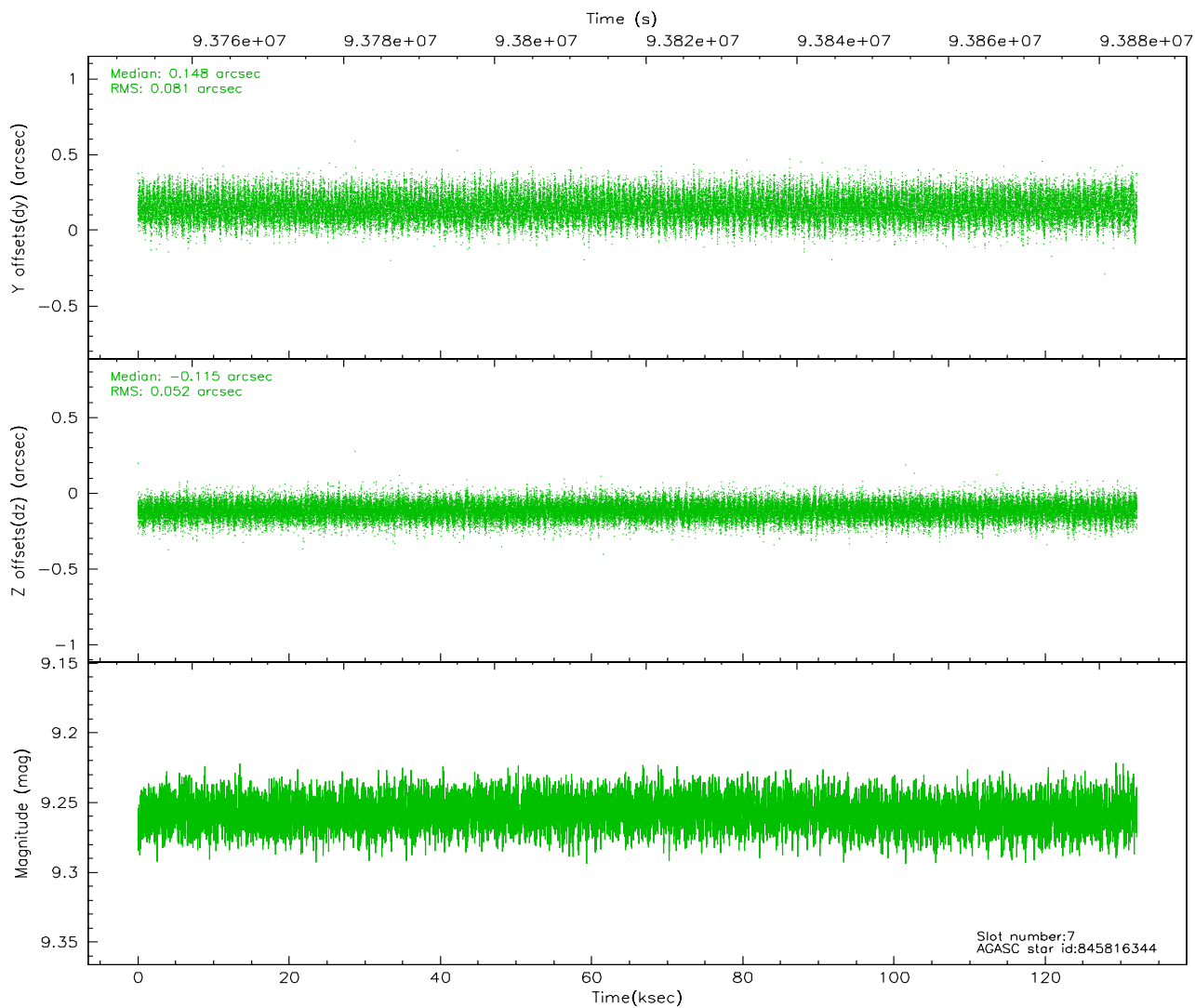
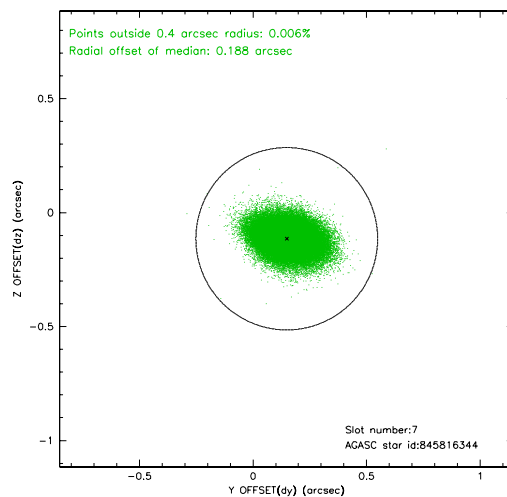
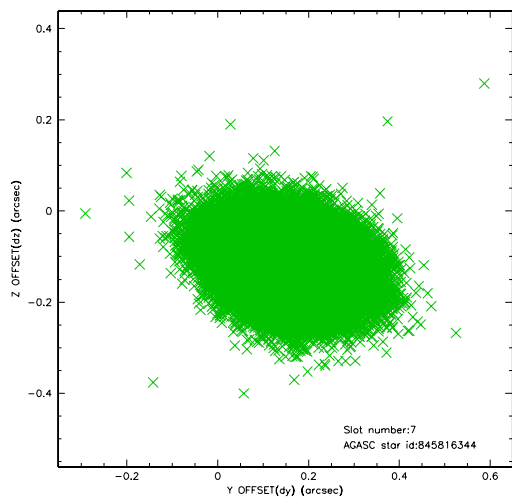
2.4.3 Slot 5



2.4.4 Slot 6

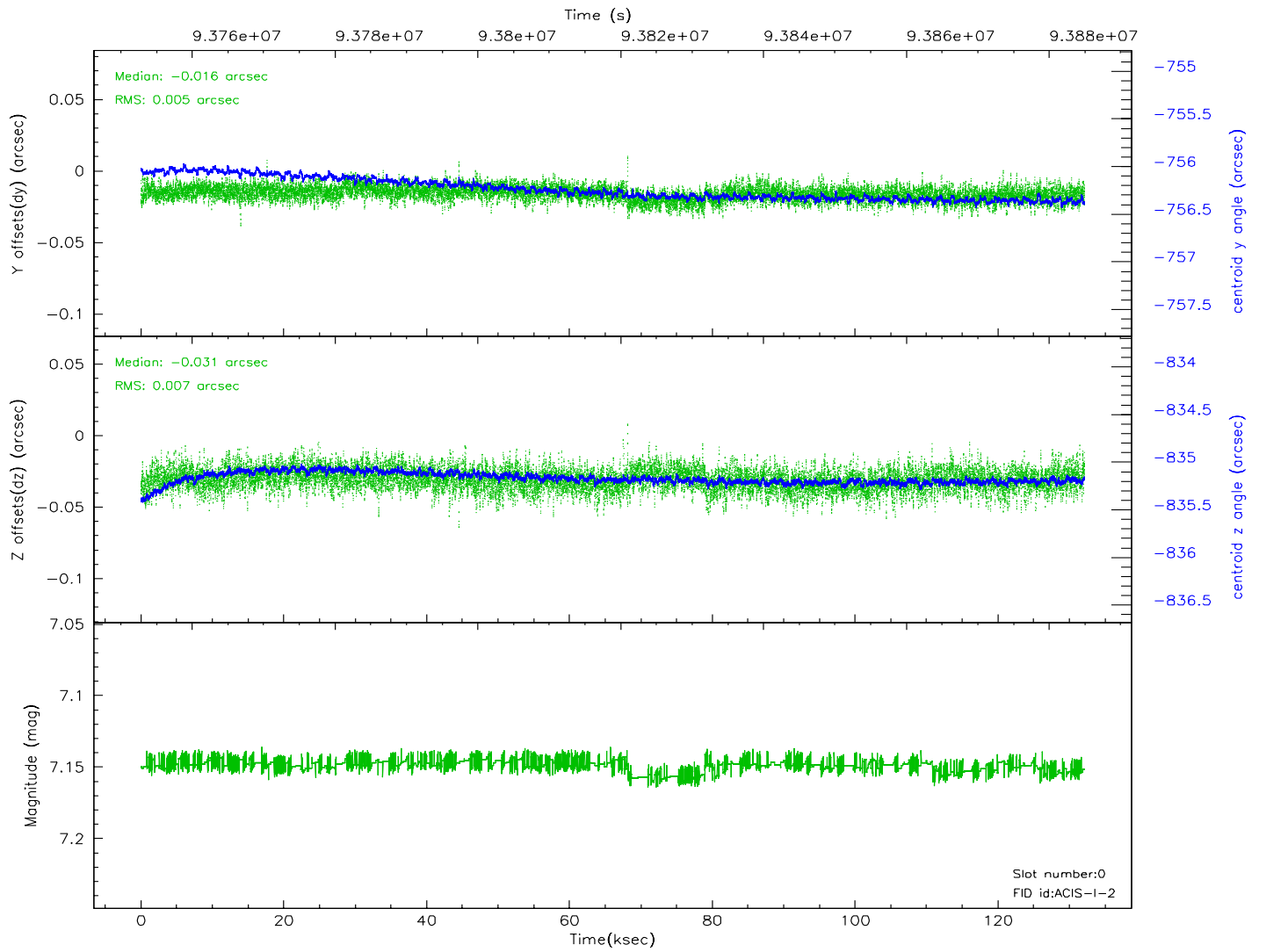
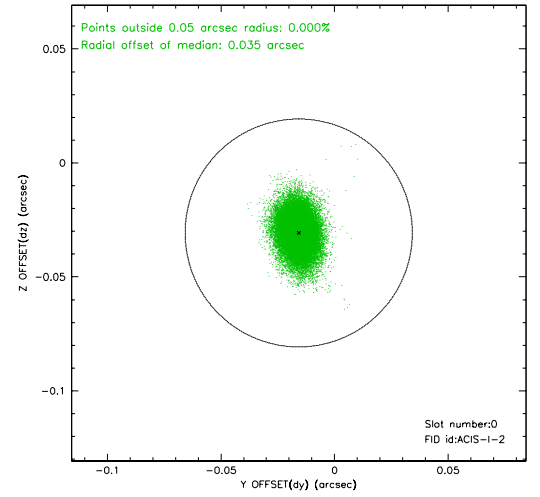
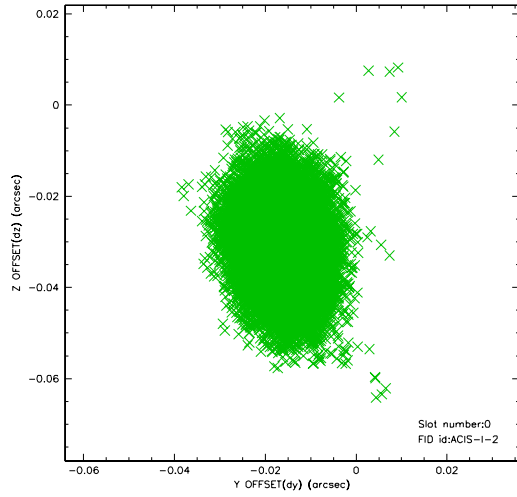


2.4.5 Slot 7

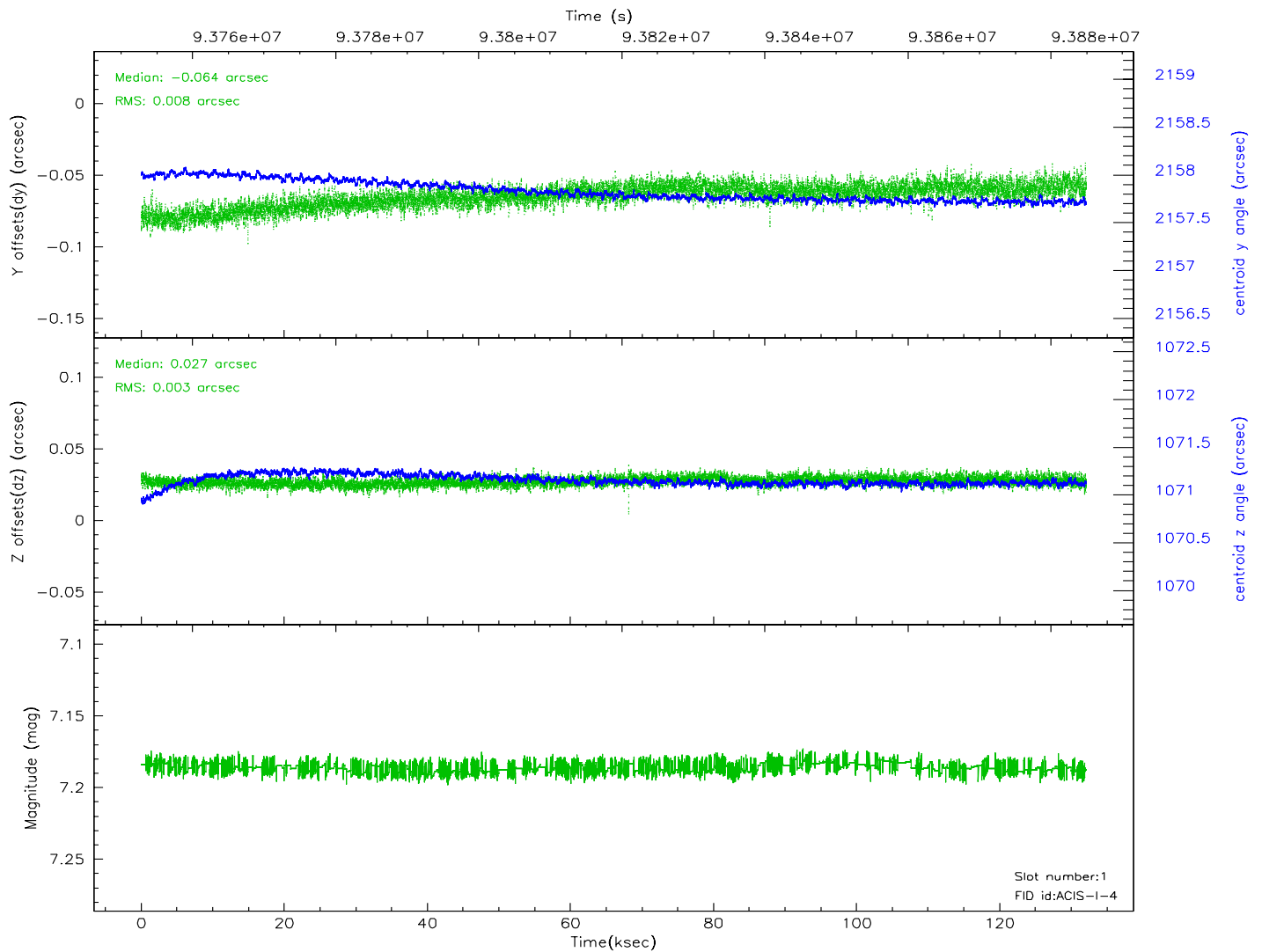
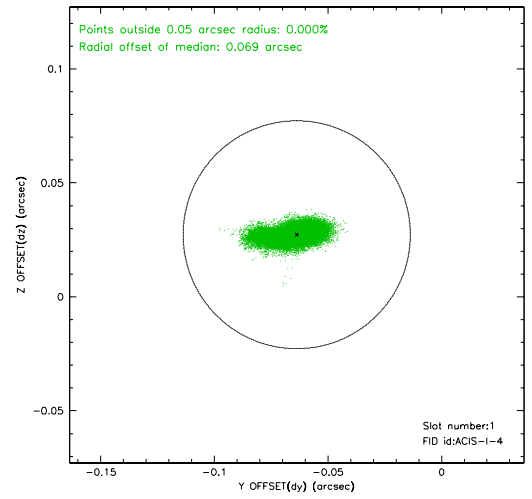
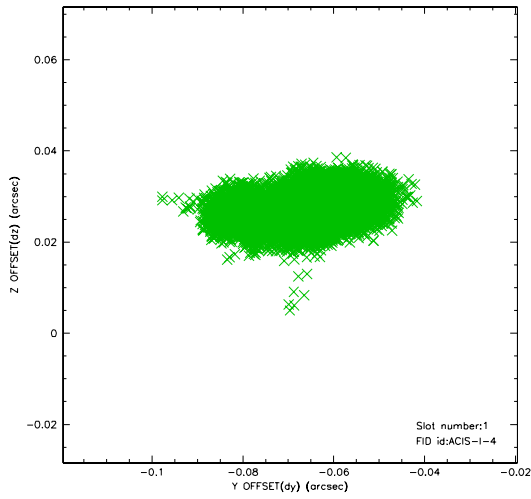


2.5 FID Slots

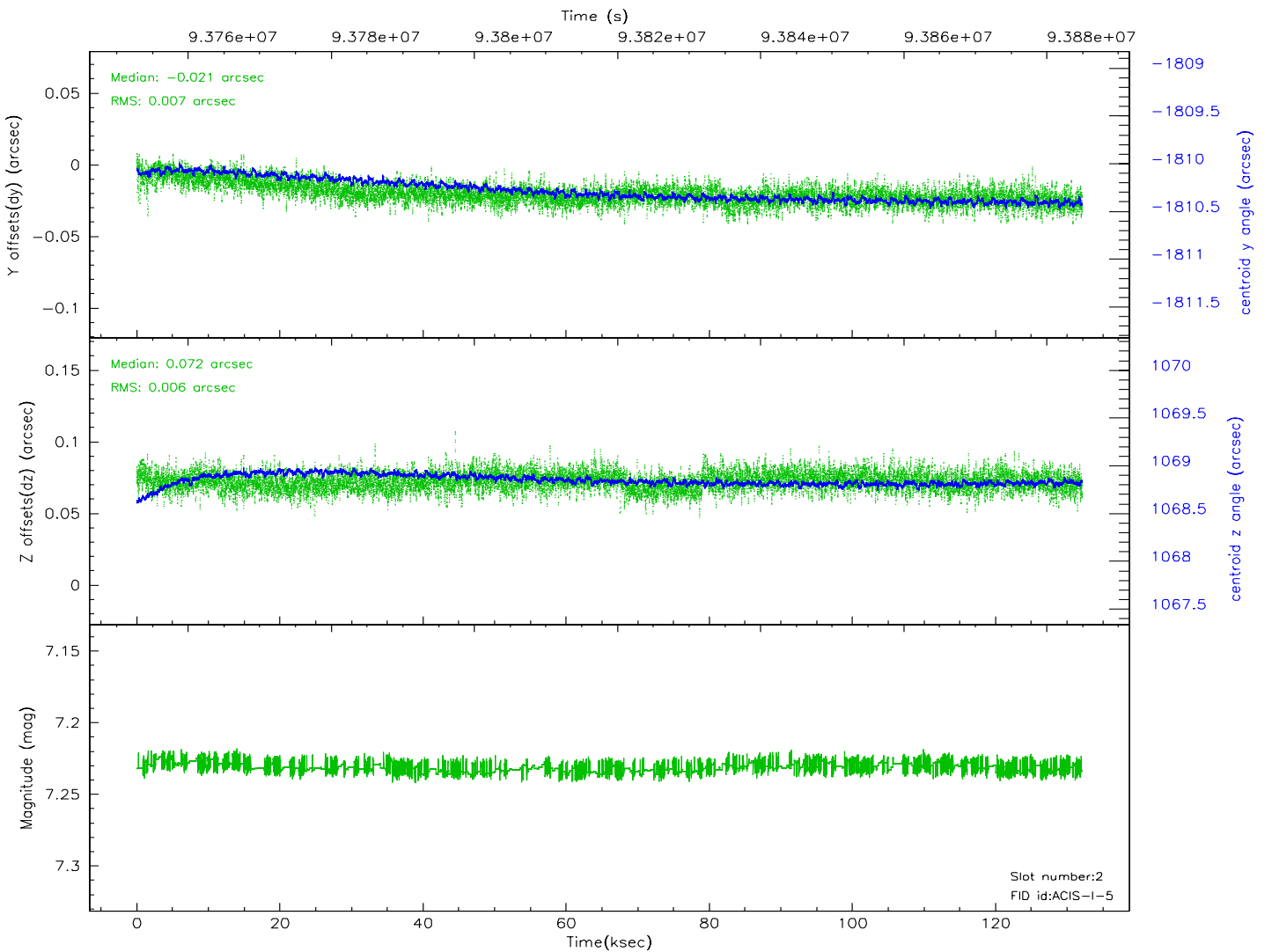
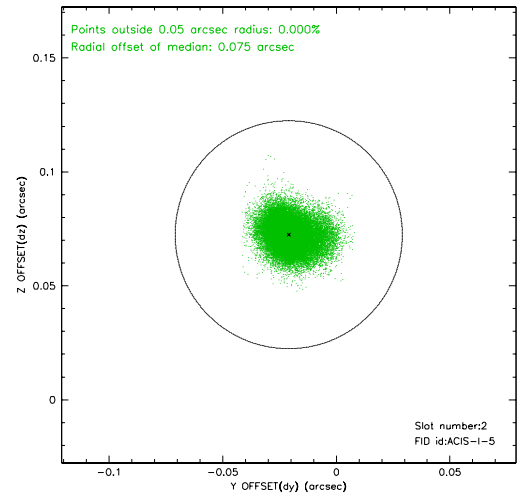
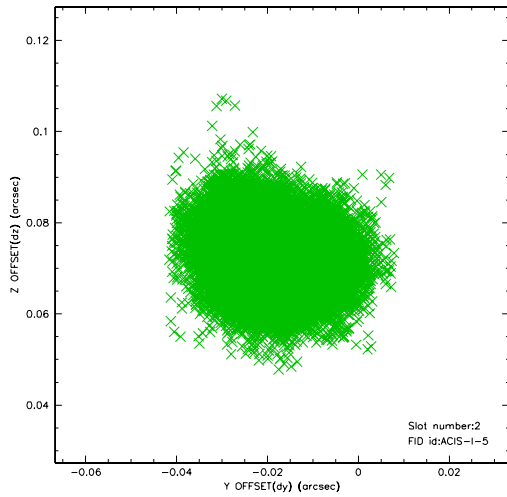
2.5.1 Slot 0



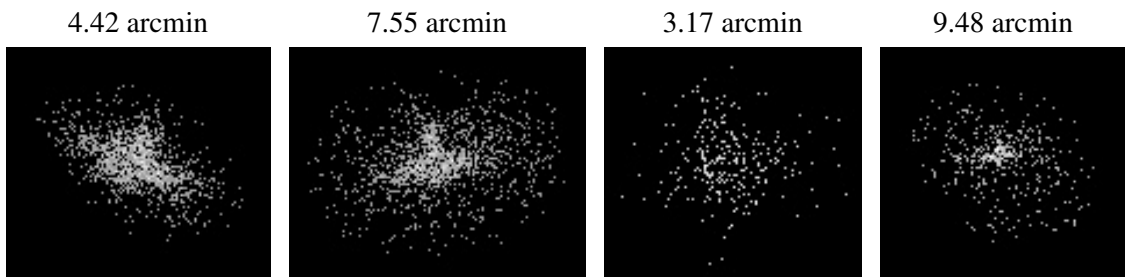
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.06.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	132.115

A.2 Comments