

V&V Reference Report

L2 ASCDS Version : 7.6.7

Observation 5517 - L2 Version 002
Chandra X-Ray Center

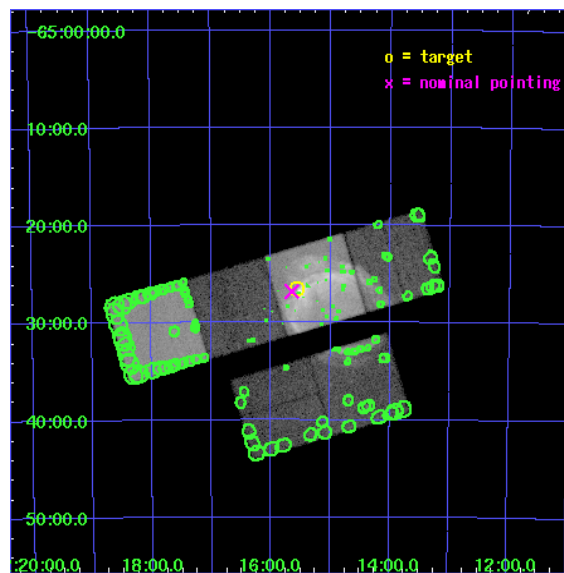
L2 Processing Date: Feb 28 2006

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1 Front

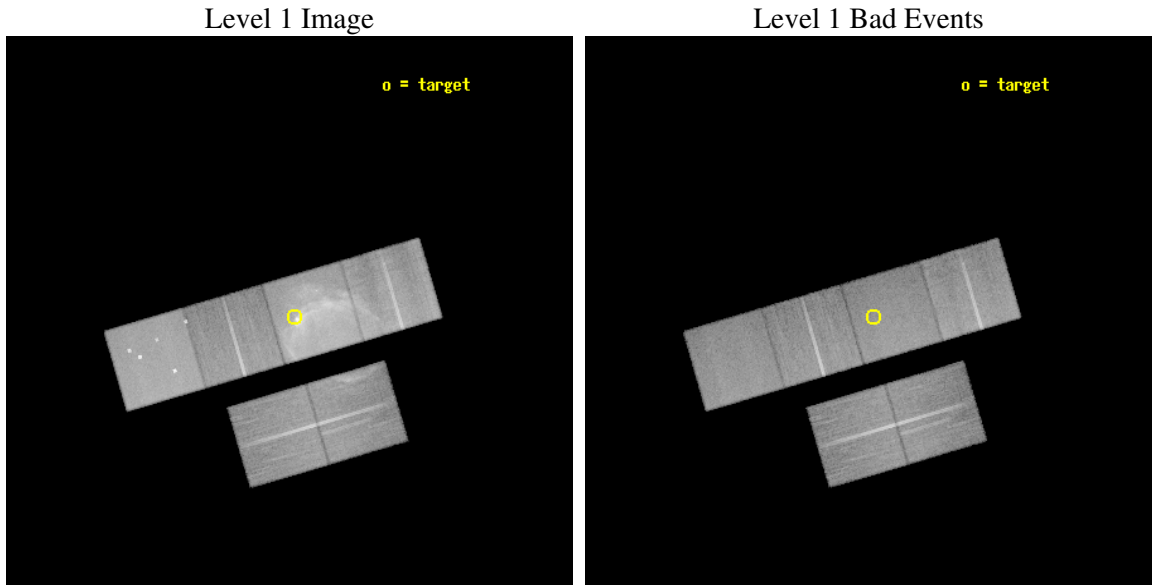
seq_num	500511
obs_id	5517
title	Galactic Supernova Remnant G299.2-2.9
observer	Prof. Gordon Garmire
object	G299.2-2.9
dtcycle	0
cycle	P
ra_targ	183.890833
dec_targ	-65.44275
ra_nom	183.91165146794
dec_nom	-65.447052582784
roll_nom	343.62186616562
revision	2
ontime	29958.399888396
livetime	29579.048590227
ontime2	29955.158908129
ontime3	29955.158908099
ontime5	29958.399888396
ontime6	29958.399888396
ontime7	29958.399888396
ontime8	29958.399888396
l2events	544198



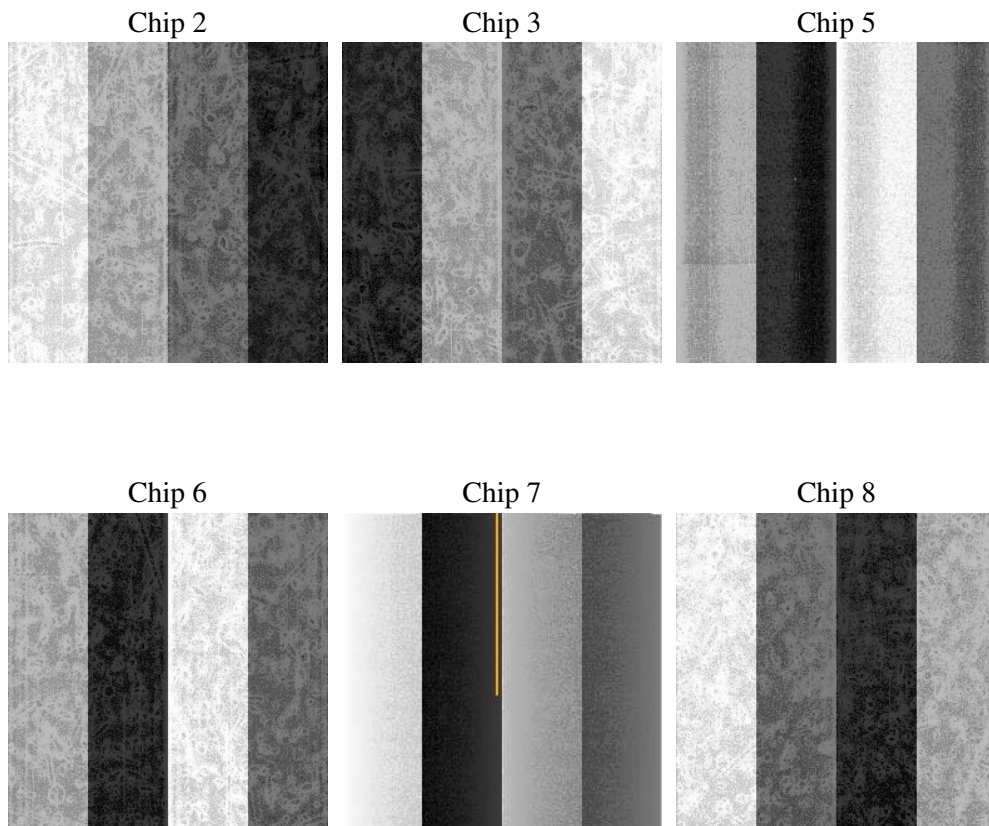
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.7
caldsver	3.2.1
date	2006-02-28T17:08:06
revision	2

sched_exp_time	30000.000000
ontime	29963.131841987
ontime2	29959.890841812
ontime3	29959.890841782
ontime5	29963.131841987
ontime6	29963.131822079
ontime7	29963.131841987
ontime8	29963.131822079
l1events	1828081

2.1.4 Events

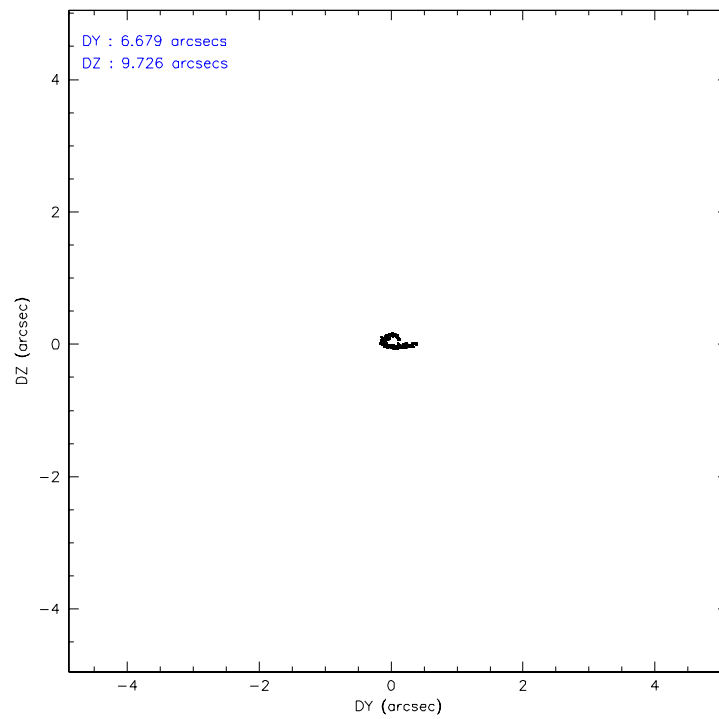
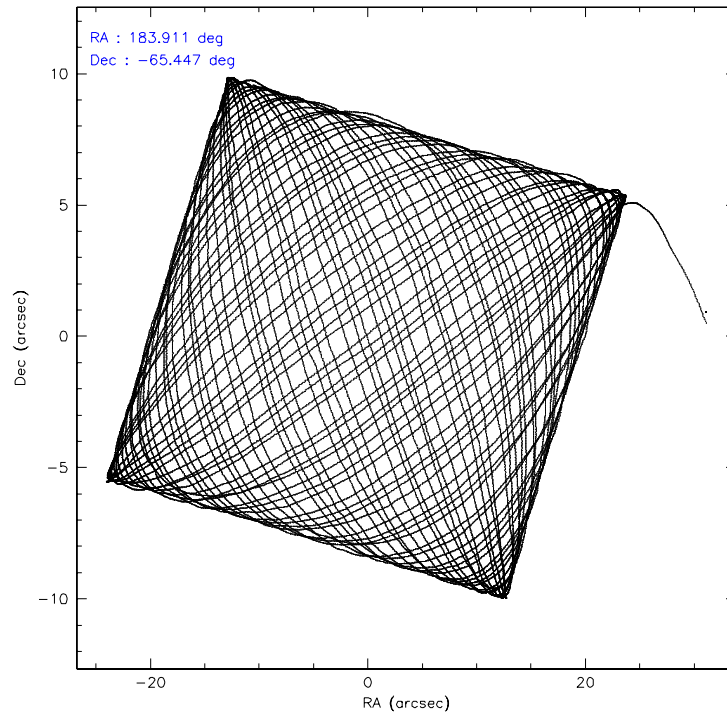
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	234248	232848	348633	232700	472796	306856
rejected events	206358	192515	191437	203997	194470	228736
rejected %	88%	82%	54%	87%	41%	74%

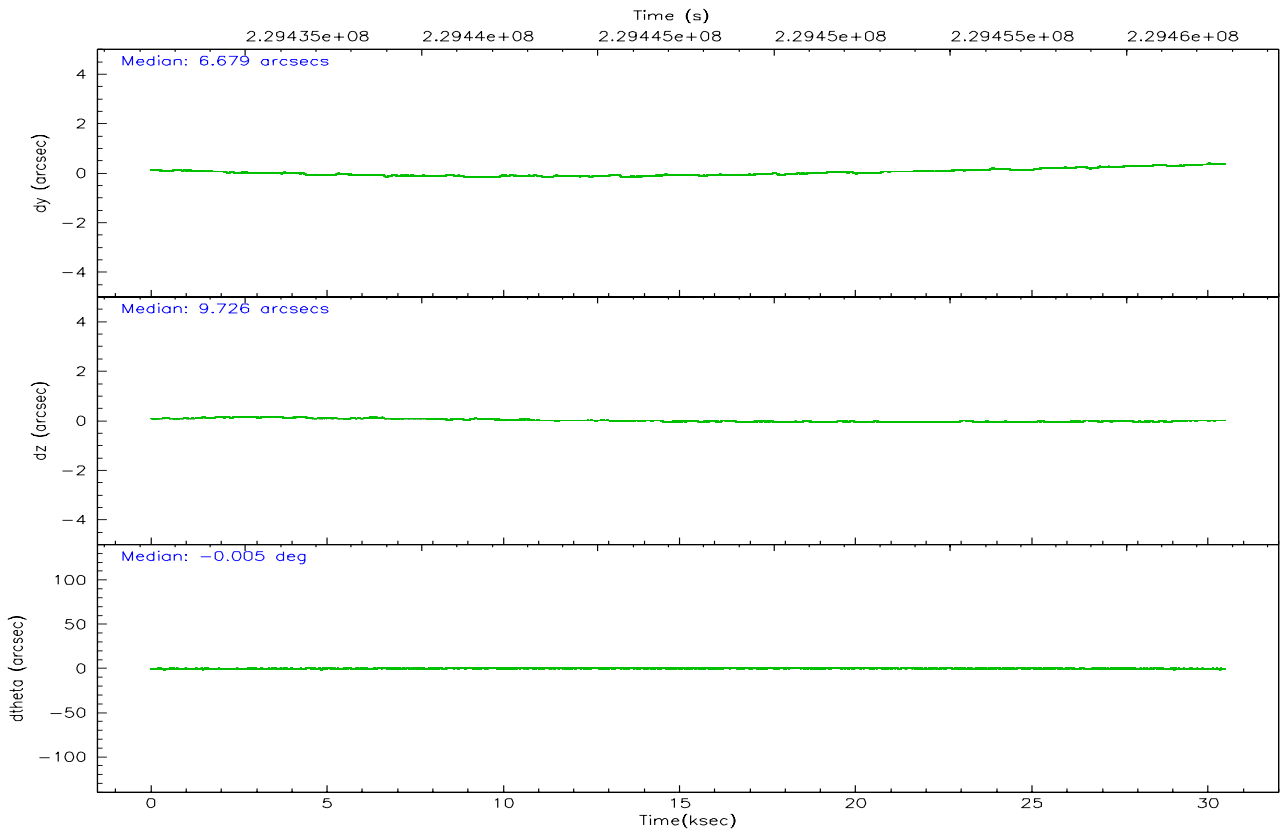
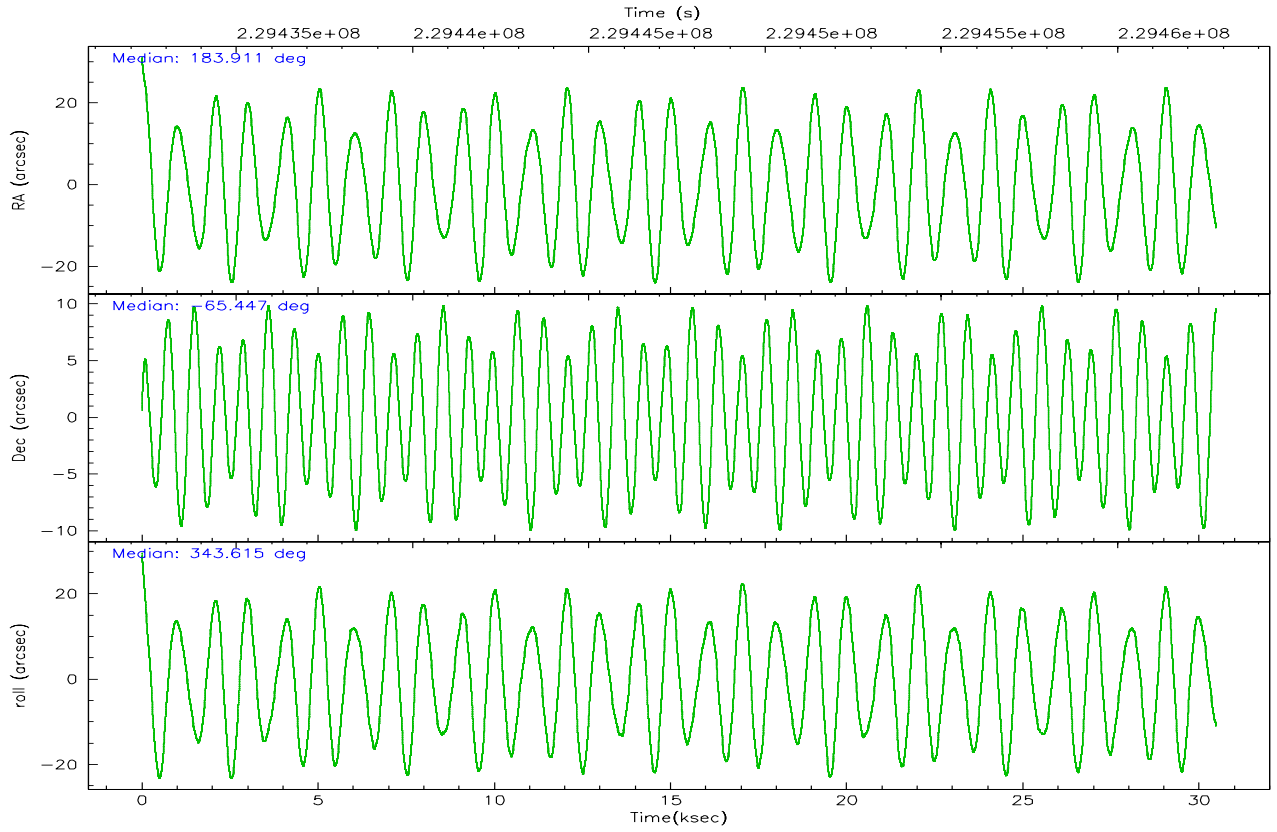
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	12708	23901	17614	12369	58884	33873
	5%	10%	5%	5%	12%	11%
grade 1 events	160	171	431	115	209	260
	0%	0%	0%	0%	0%	0%
grade 2 events	5666	5995	46165	5785	76614	14693
	2%	2%	13%	2%	16%	4%
grade 3 events	2495	2831	3457	2616	24504	6738
	1%	1%	0%	1%	5%	2%
grade 4 events	2535	2926	3206	2609	24093	6409
	1%	1%	0%	1%	5%	2%
grade 5 events	9113	10118	16326	10770	21481	14348
	3%	4%	4%	4%	4%	4%
grade 6 events	4491	4689	86788	5332	94290	16420
	1%	2%	24%	2%	19%	5%
grade 7 events	197080	182217	174646	193104	172721	214115
	84%	78%	50%	82%	36%	69%

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	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	183.848174	183.9116514679376	Alternating exposures requested	N	N
Pointing Dec	-65.453833	-65.44705258278439	Primary exposure time	0.000000	3.2
Pointing Roll	343.407501	343.6218661656249			
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	229432804.184000	229431694.70948			
Observation start date	2005-04-09T11:19:00	2005-04-09T11:01:34			
Observation end time	229462804.184000	229463566.06093			
Observation end date	2005-04-09T19:39:00	2005-04-09T19:52:46			
Read mode	TIMED	TIMED			

2.3 Aspect



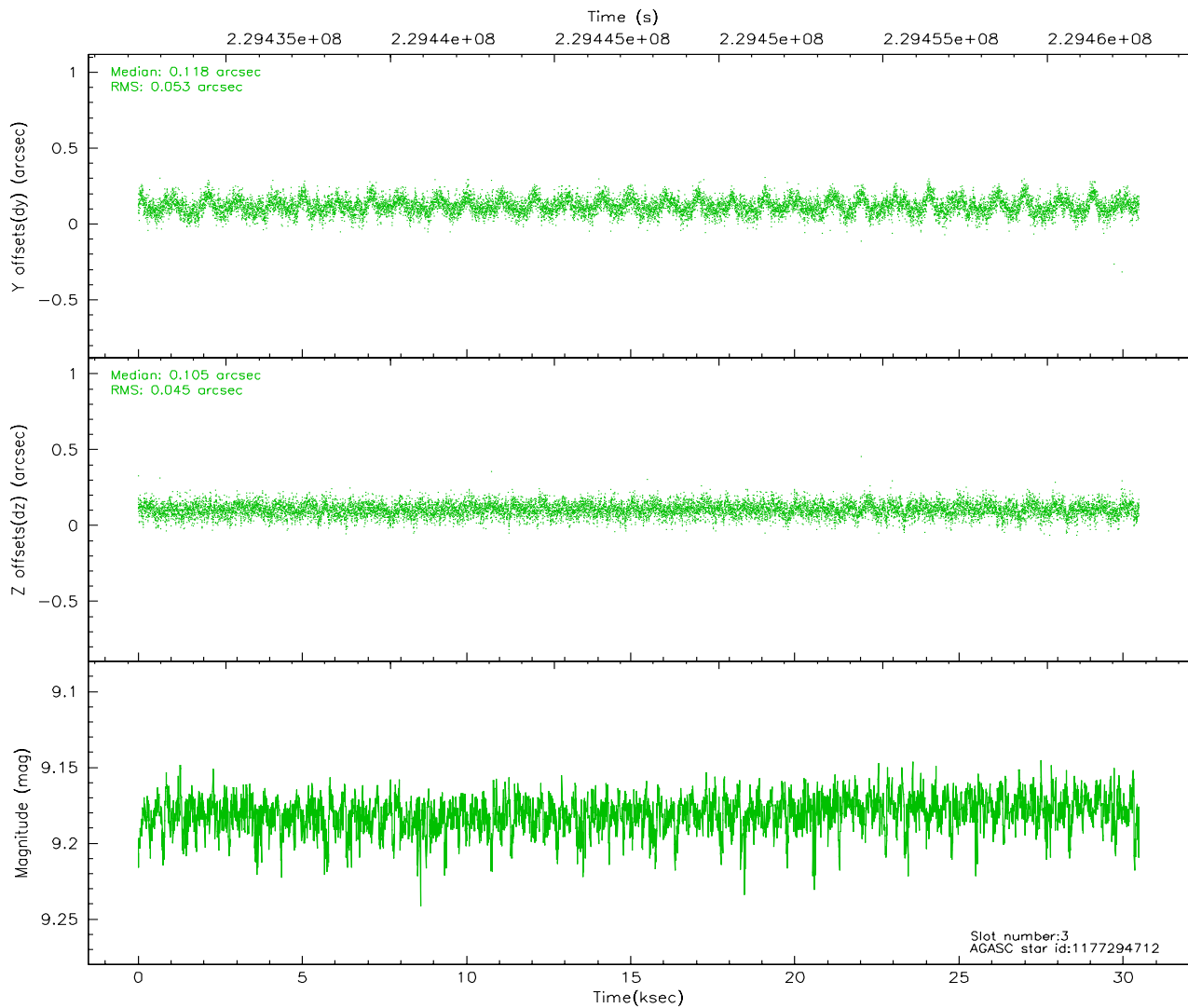
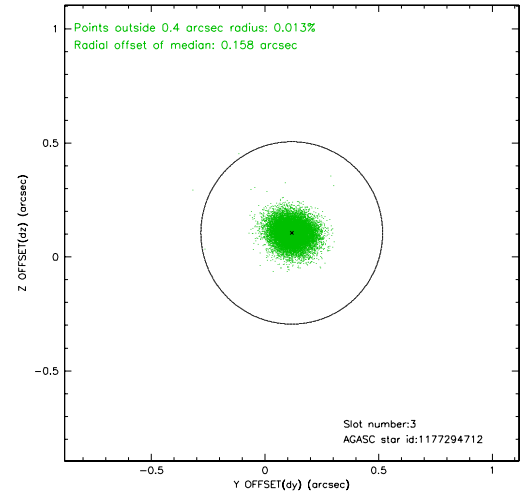
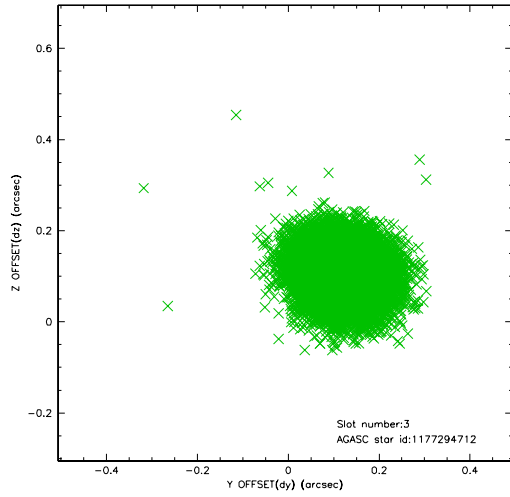


Slot Statistics

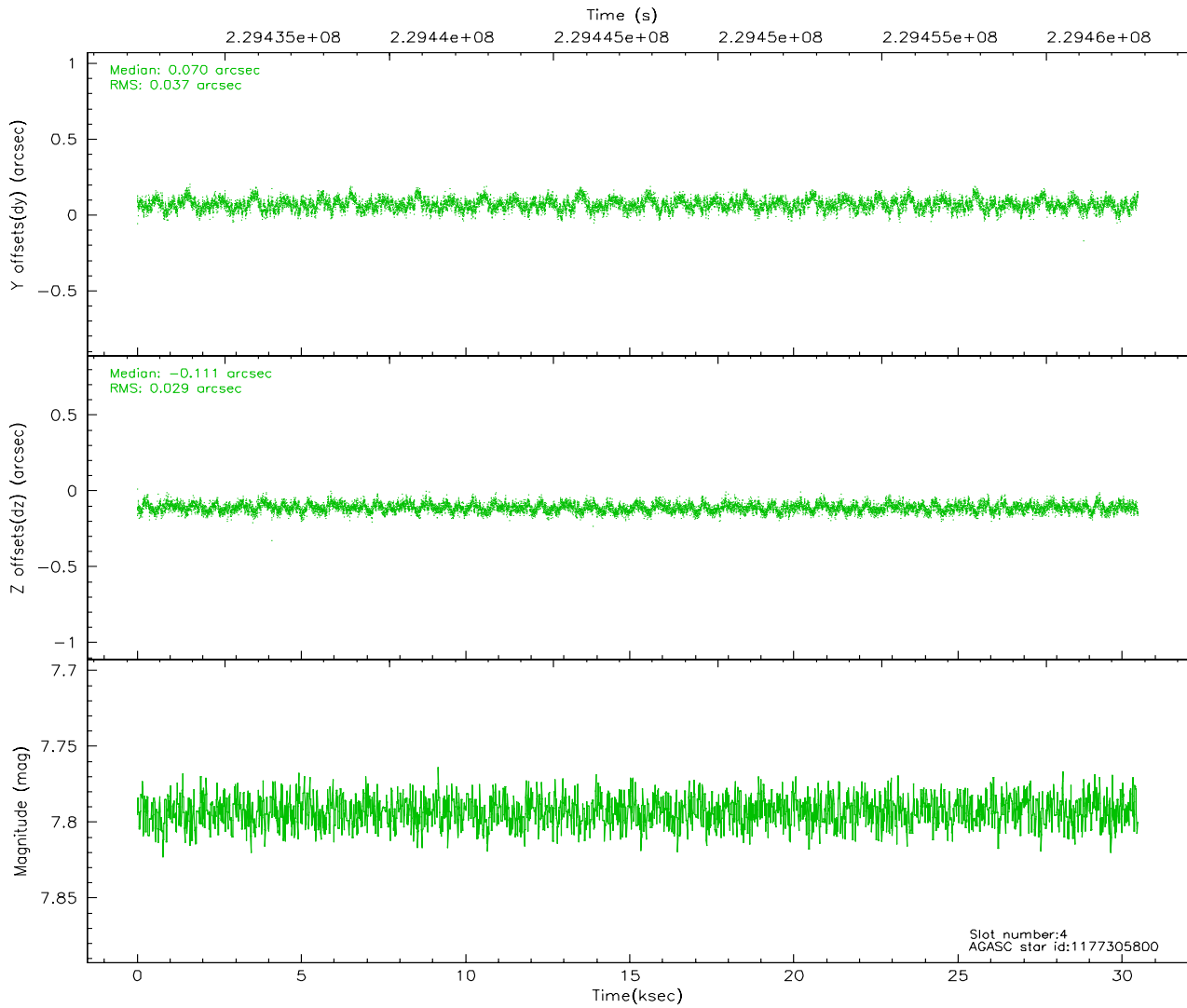
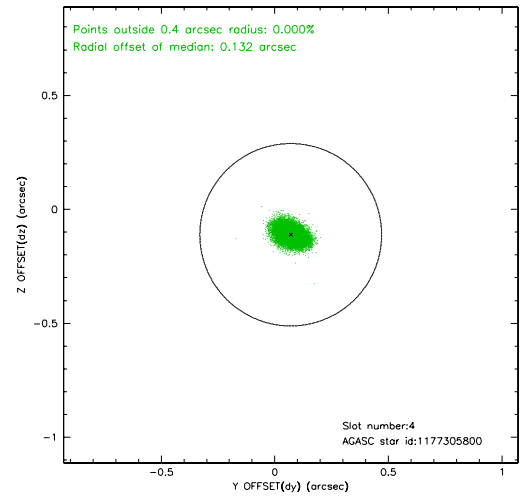
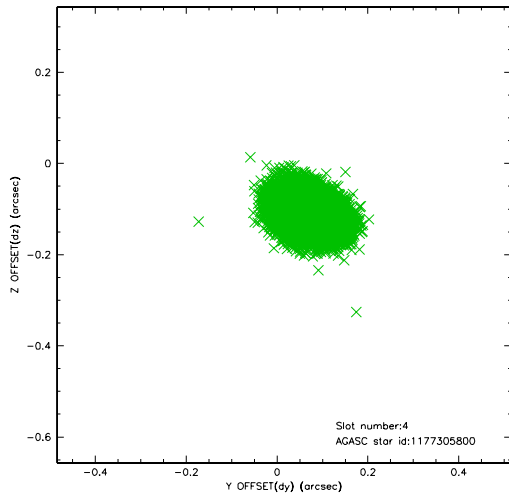
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	7434	-0.047	-0.009	0.008	0.013	0.000000	0.000000	-759.47	-1731.01
1	FID	ACIS-S-4	7.21	7434	0.056	0.025	0.005	0.009	0.000000	0.000000	2153.85	177.49
2	FID	ACIS-S-5	7.23	7434	-0.040	-0.008	0.008	0.013	0.000000	0.000000	-1812.25	171.14
3	GUIDE	1177294712	9.18	14865	0.118	0.105	0.074	0.119	182.404179	-65.377577	-2146.42	-379.13
4	GUIDE	1177305800	7.79	14869	0.070	-0.111	0.050	0.083	182.814616	-65.027625	-1939.88	1009.38
5	GUIDE	1177311944	6.88	14869	0.031	-0.116	0.063	0.107	182.934554	-64.948787	-1850.94	1334.80
6	GUIDE	1177944384	6.73	14869	-0.052	0.099	0.064	0.107	185.117599	-65.842660	2197.28	-825.10
7	GUIDE	1177959120	8.55	14869	-0.175	0.023	0.068	0.112	184.931470	-66.169892	2250.48	-2033.25

2.4 Star Slots

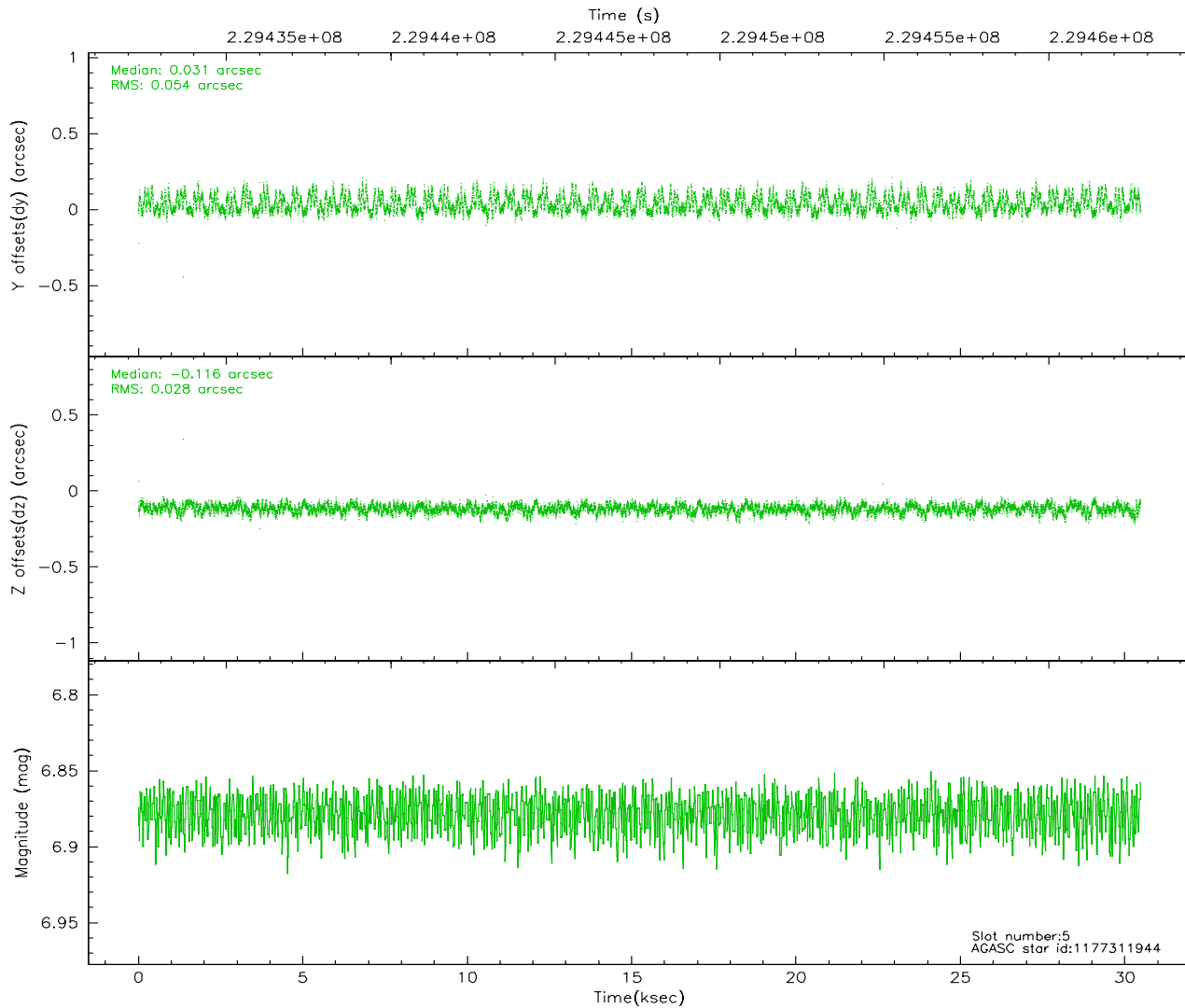
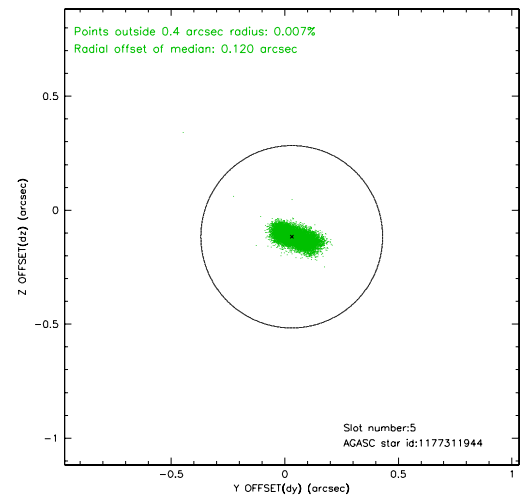
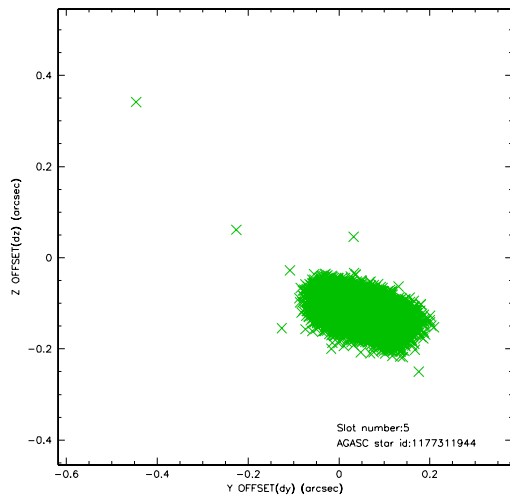
2.4.1 Slot 3



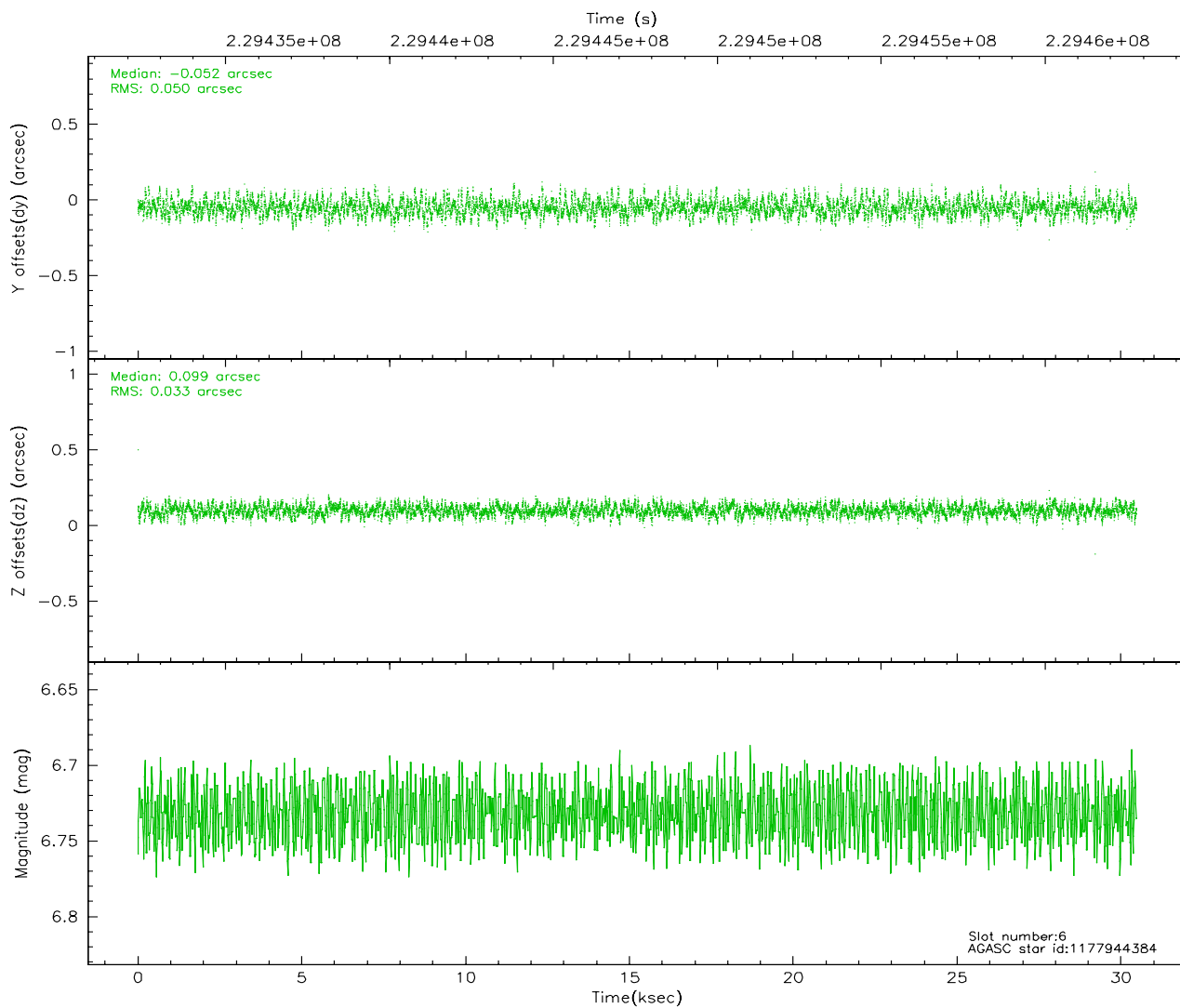
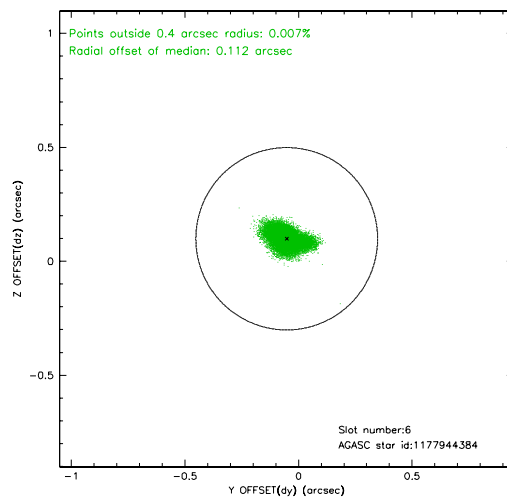
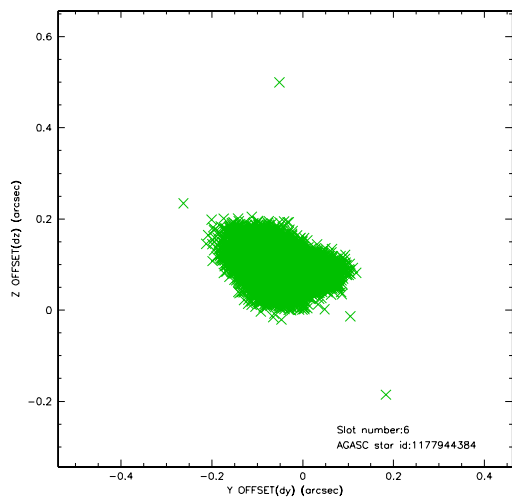
2.4.2 Slot 4



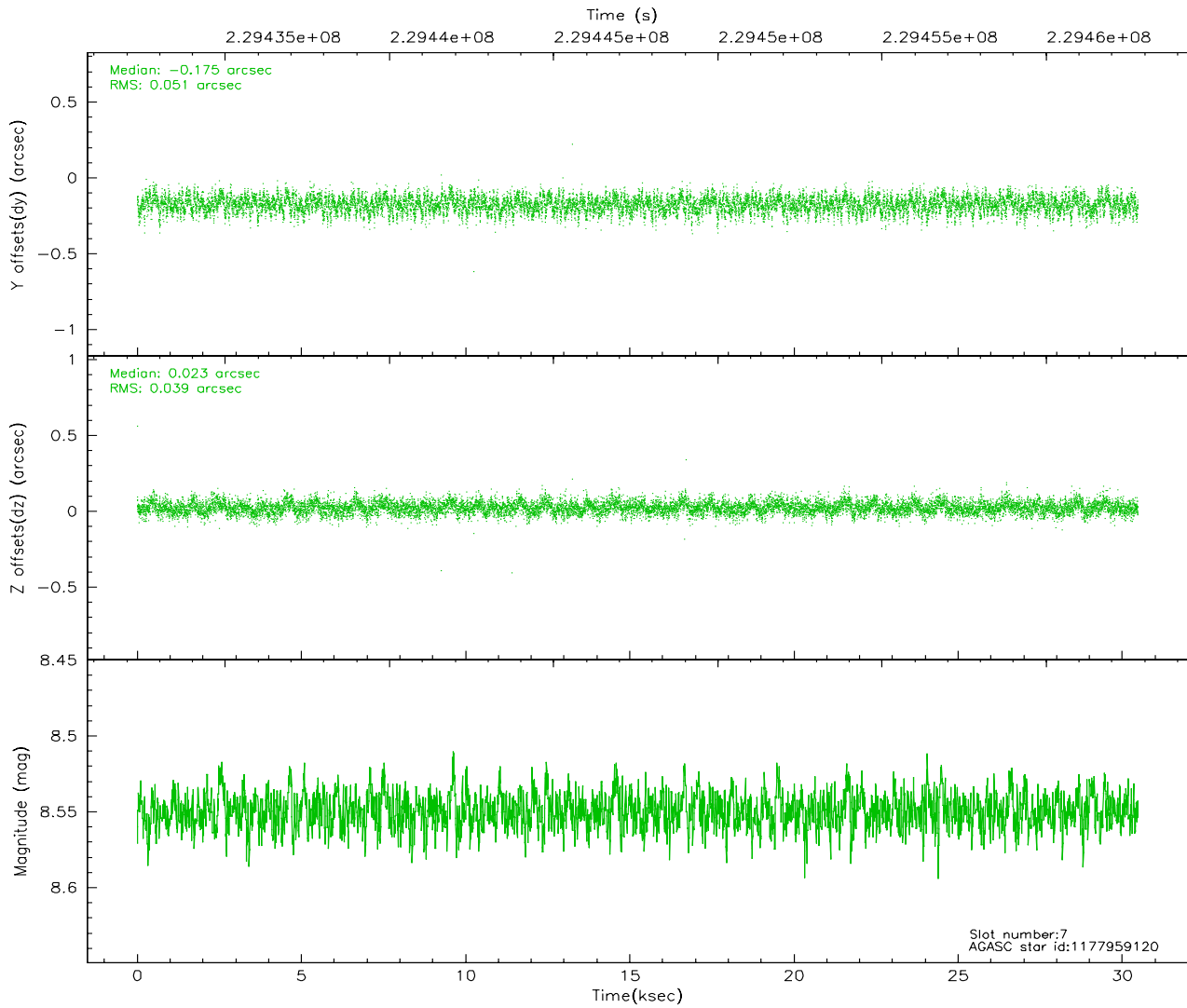
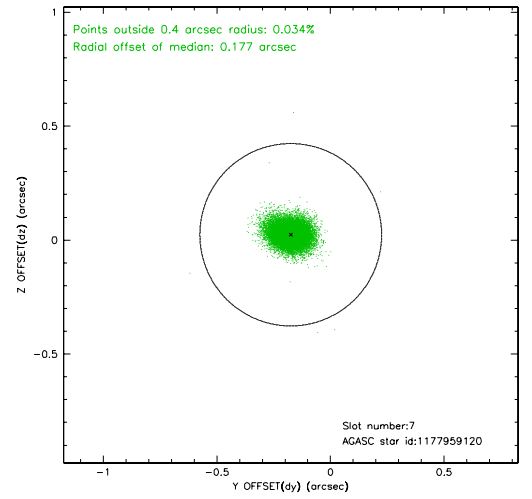
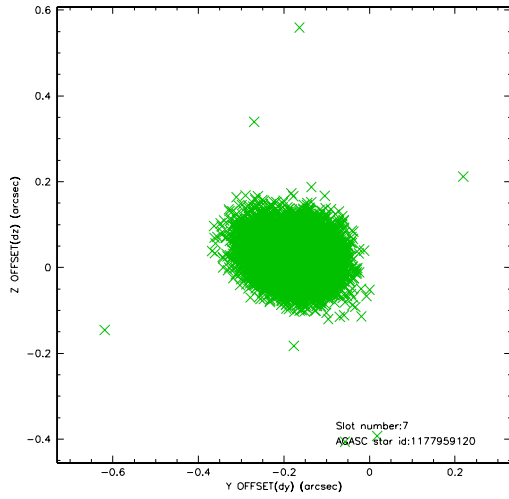
2.4.3 Slot 5



2.4.4 Slot 6

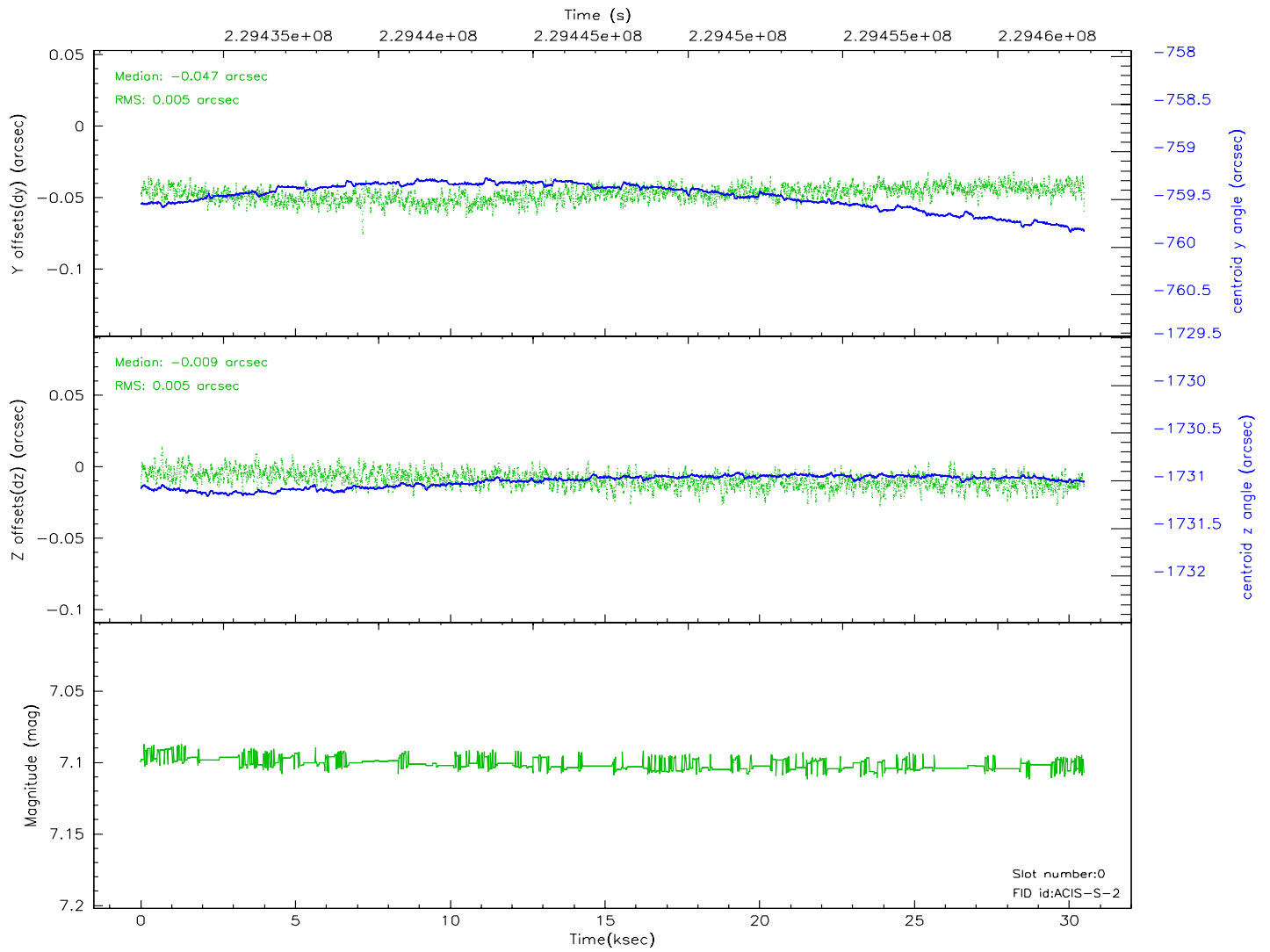
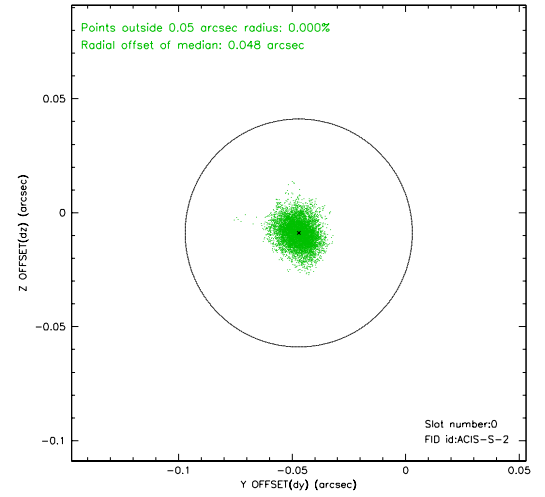
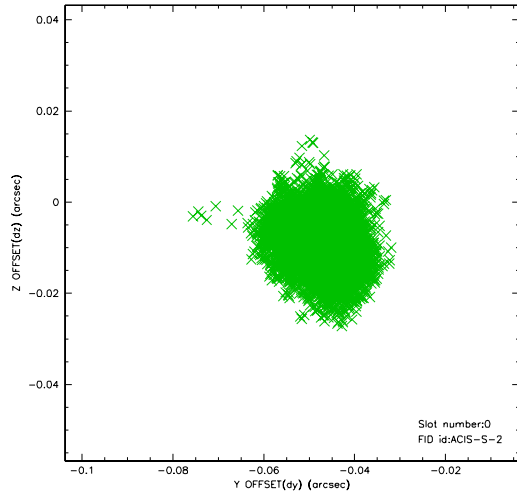


2.4.5 Slot 7

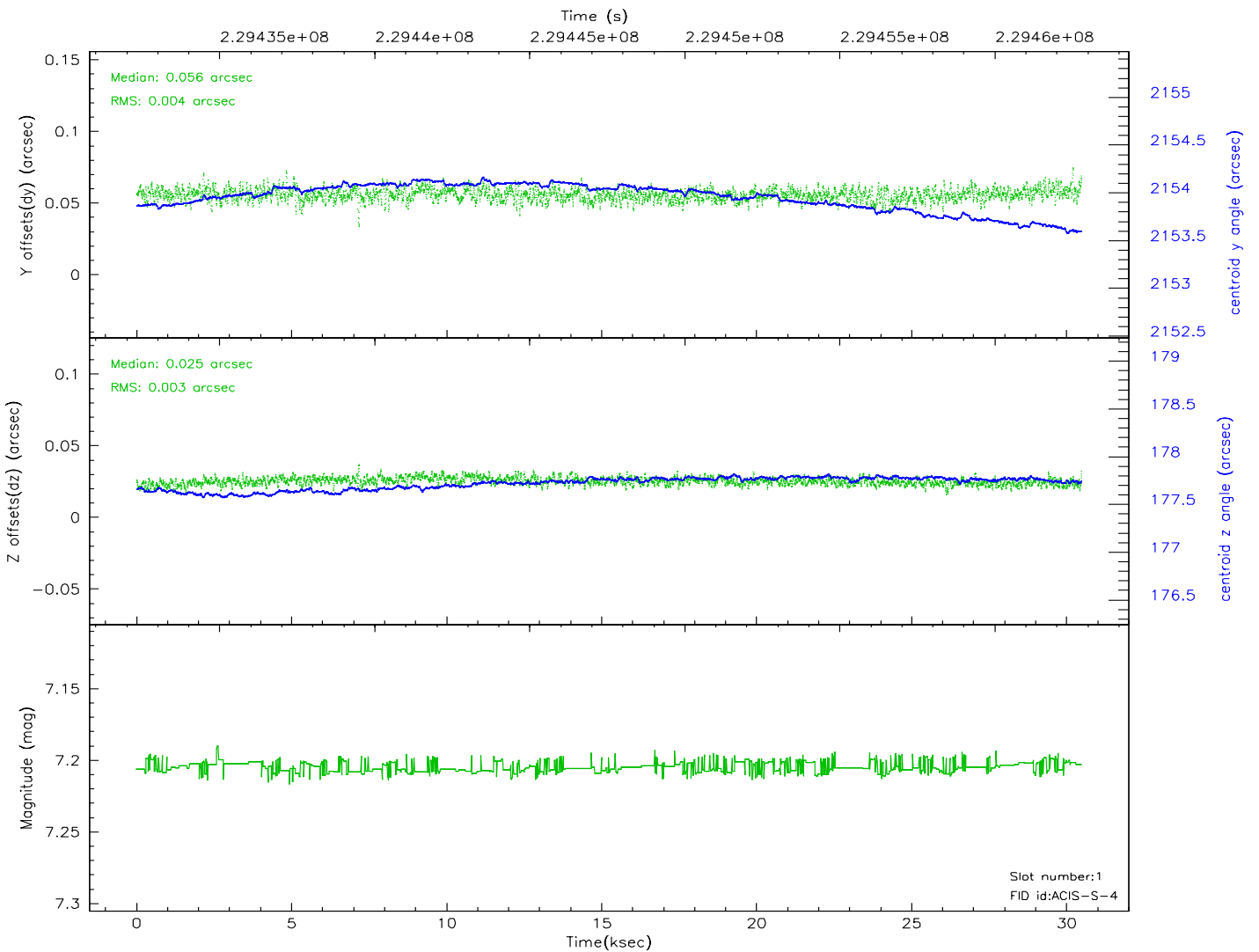
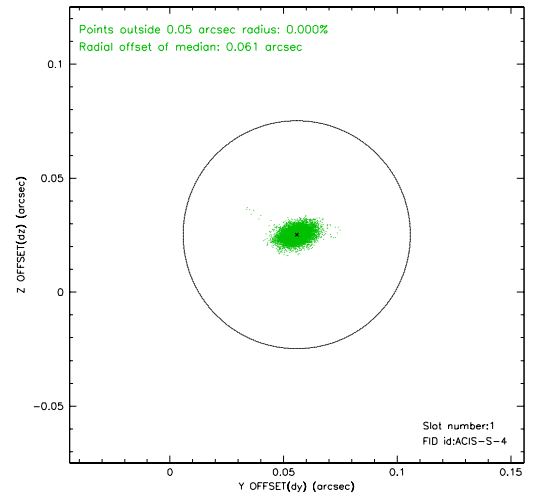
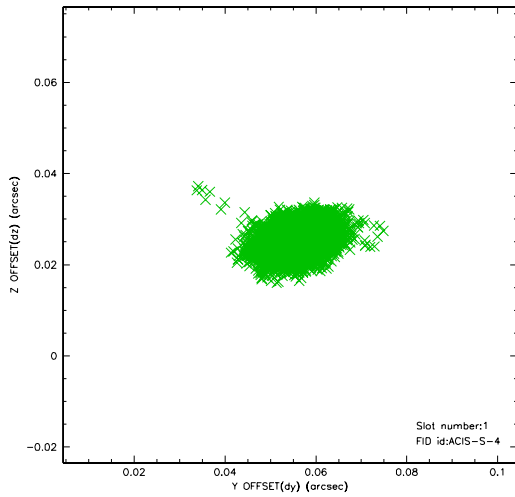


2.5 FID Slots

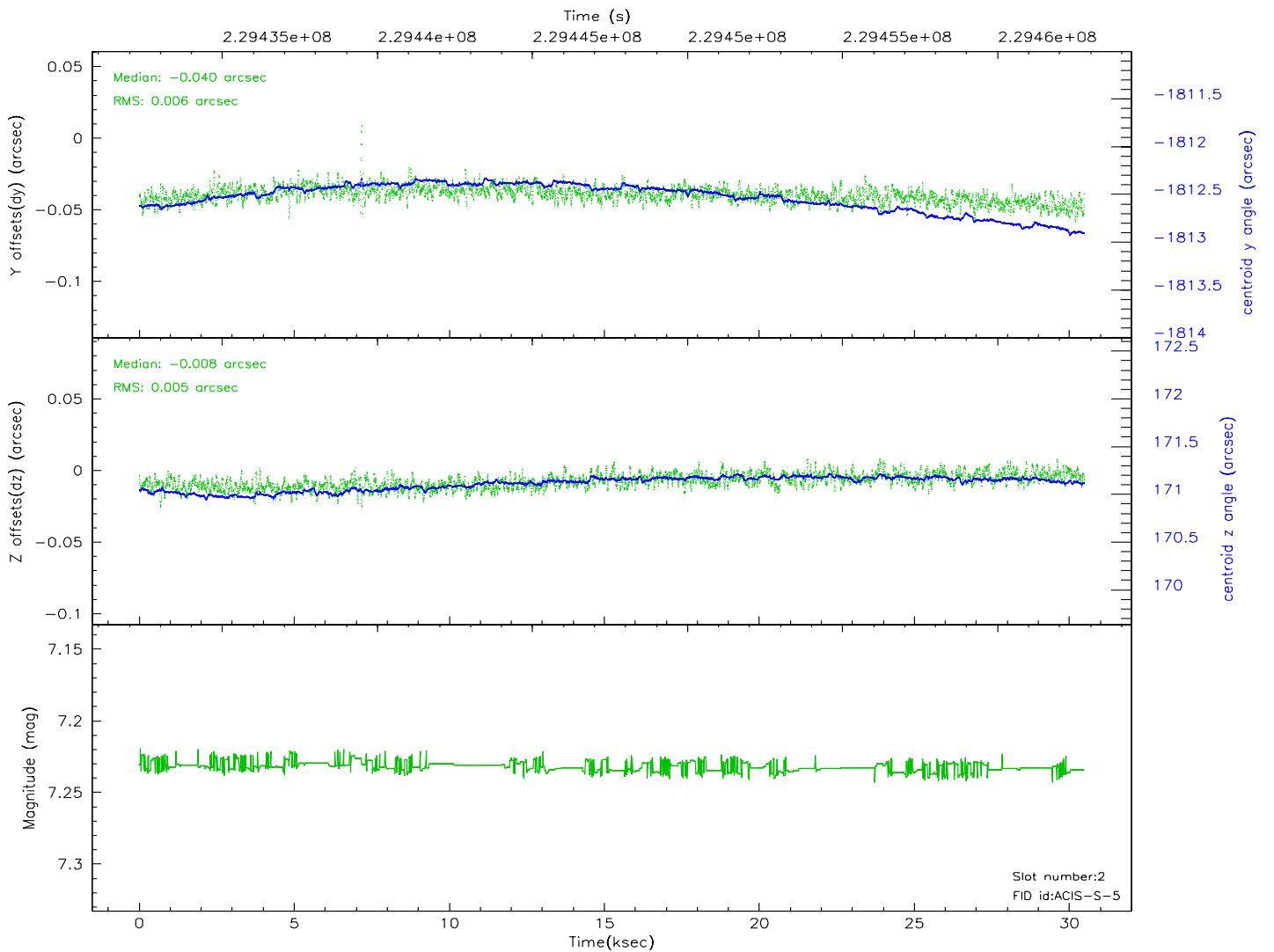
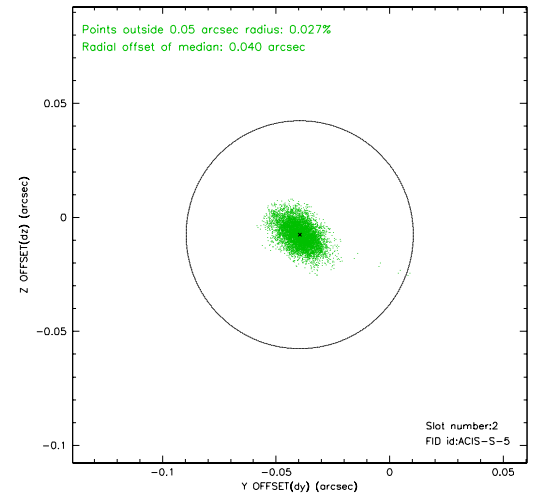
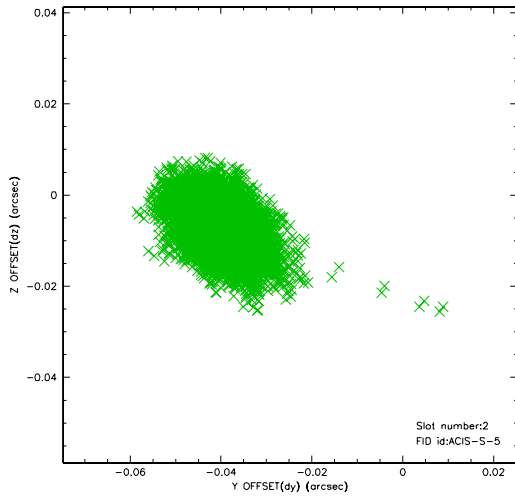
2.5.1 Slot 0



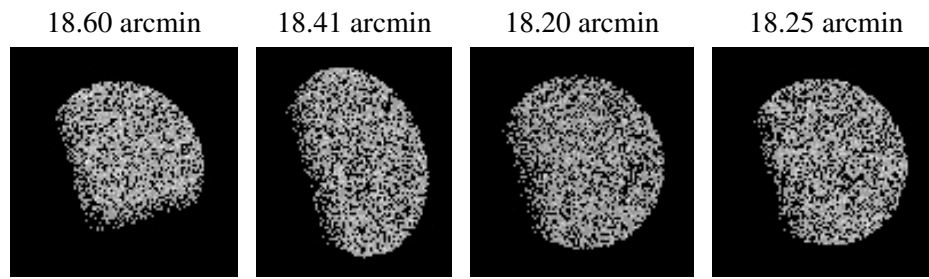
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.02.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	29.95839

A.2 Comments