

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 3192 - L2 Version 001
Chandra X-Ray Center

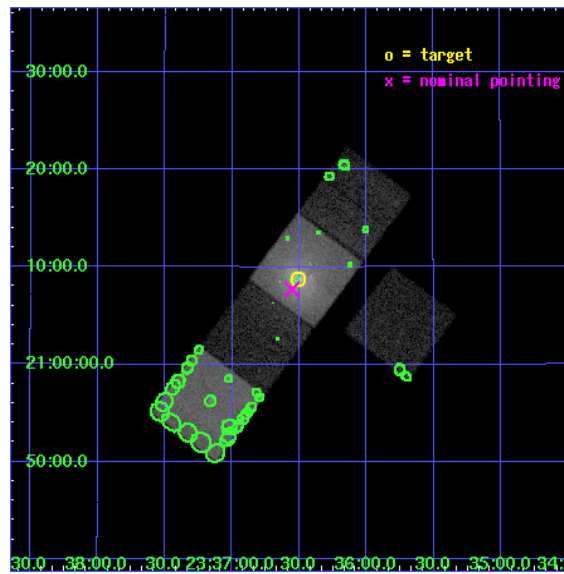
L2 Processing Date : Jul 21 2006

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1 Front

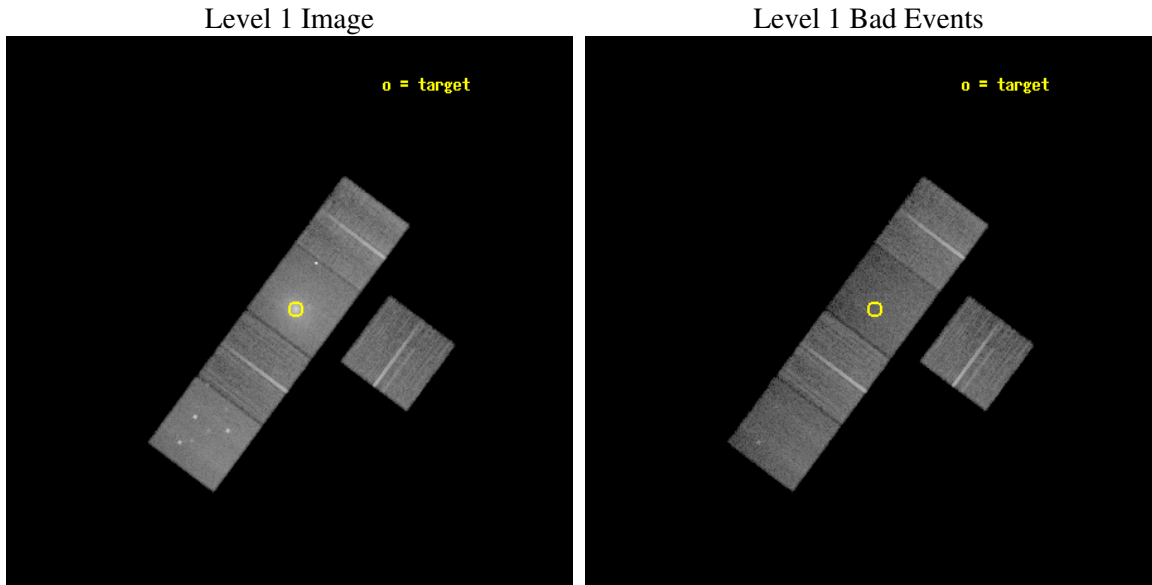
seq_num	800192
obs_id	3192
title	THE INTERACTION BETWEEN CLUSTER CENTRAL RADIO SOURCES AND COOLING FLOWS
observer	Dr. Craig Sarazin
object	A2626
dtcycle	0
cycle	P
ra_targ	354.127083
dec_targ	21.145972
ra_nom	354.13882936809
dec_nom	21.128382839243
roll_nom	306.68334499065
revision	3
ontime	25100.699951738
livetime	24772.740828002
ontime3	25100.699951738
ontime5	25100.699951738
ontime6	25100.699951738
ontime7	25100.699951738
ontime8	25097.558981478
l2events	238416



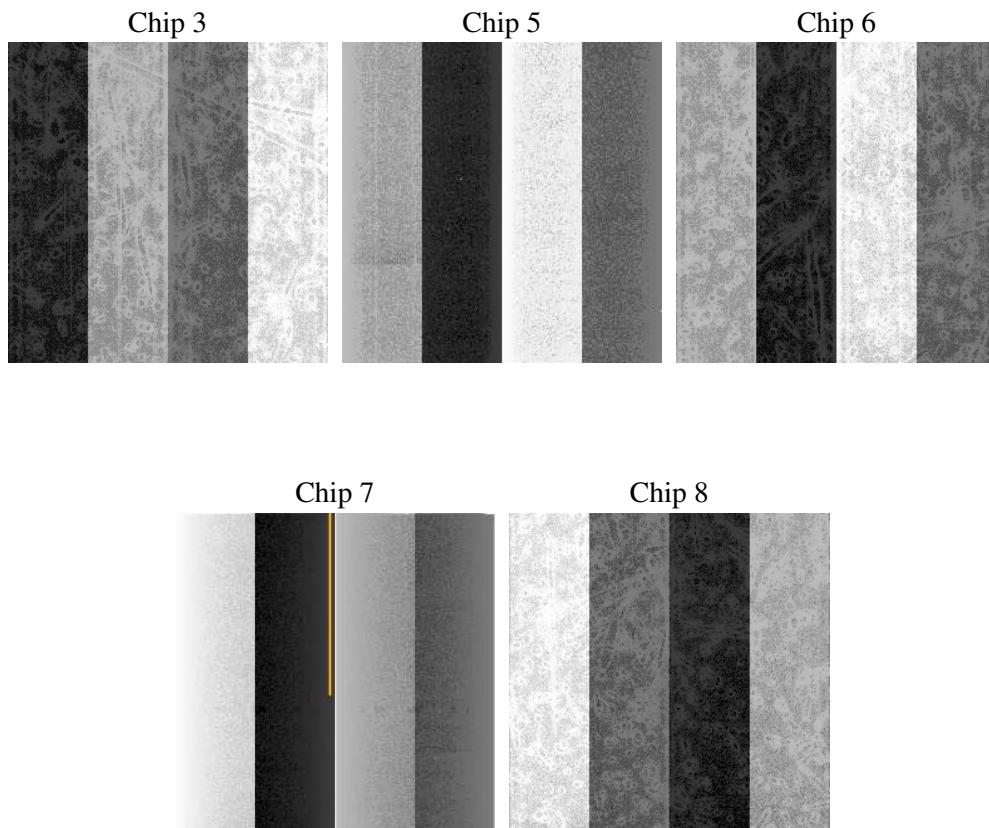
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.8
caldsver	3.2.2
date	2006-07-21T16:07:43
revision	3

sched_exp_time	25000.000000
ontime	25106.020731717
ontime3	25106.020731717
ontime5	25106.020731717
ontime6	25106.020731717
ontime7	25106.020731717
ontime8	25102.879761457
l1events	818324

2.1.4 Events

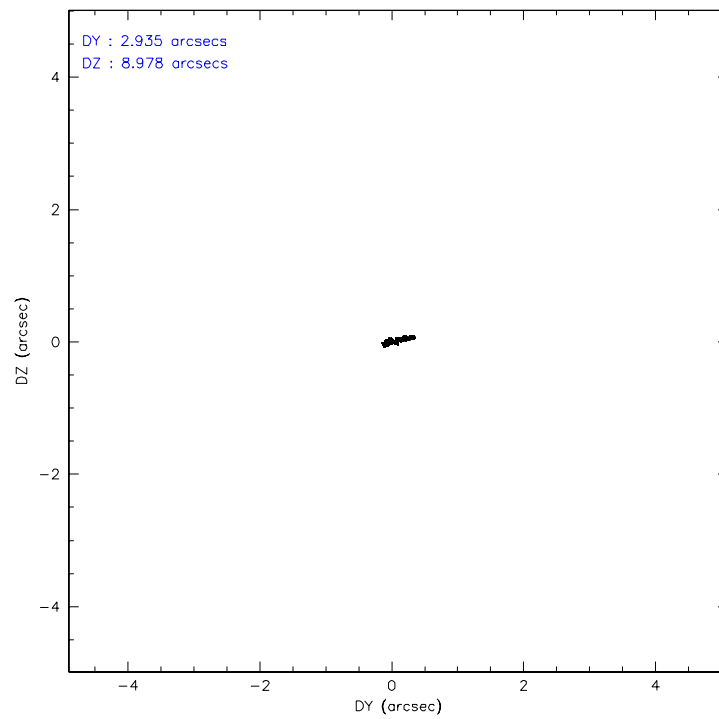
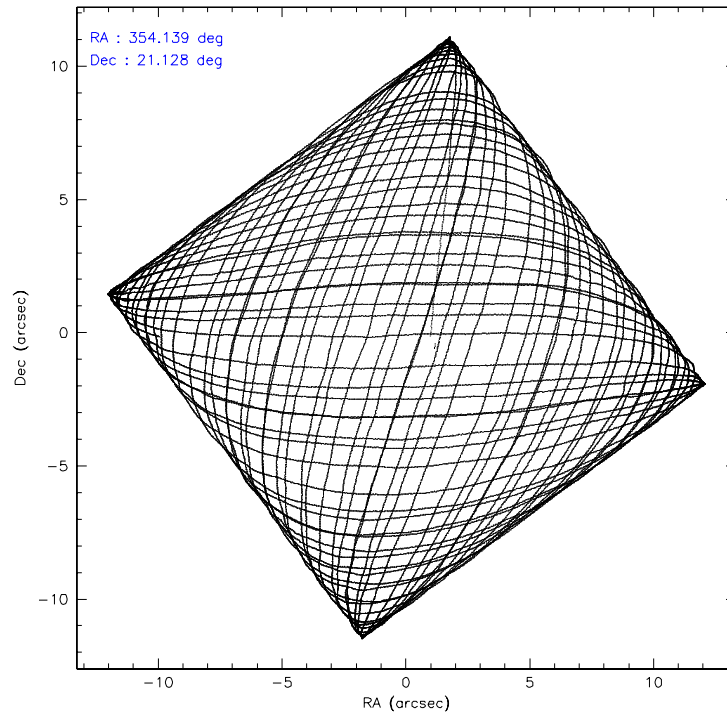
	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	130861	175731	138380	205493	167859
rejected events	118574	90846	122366	83941	128970
rejected %	90%	51%	88%	40%	76%

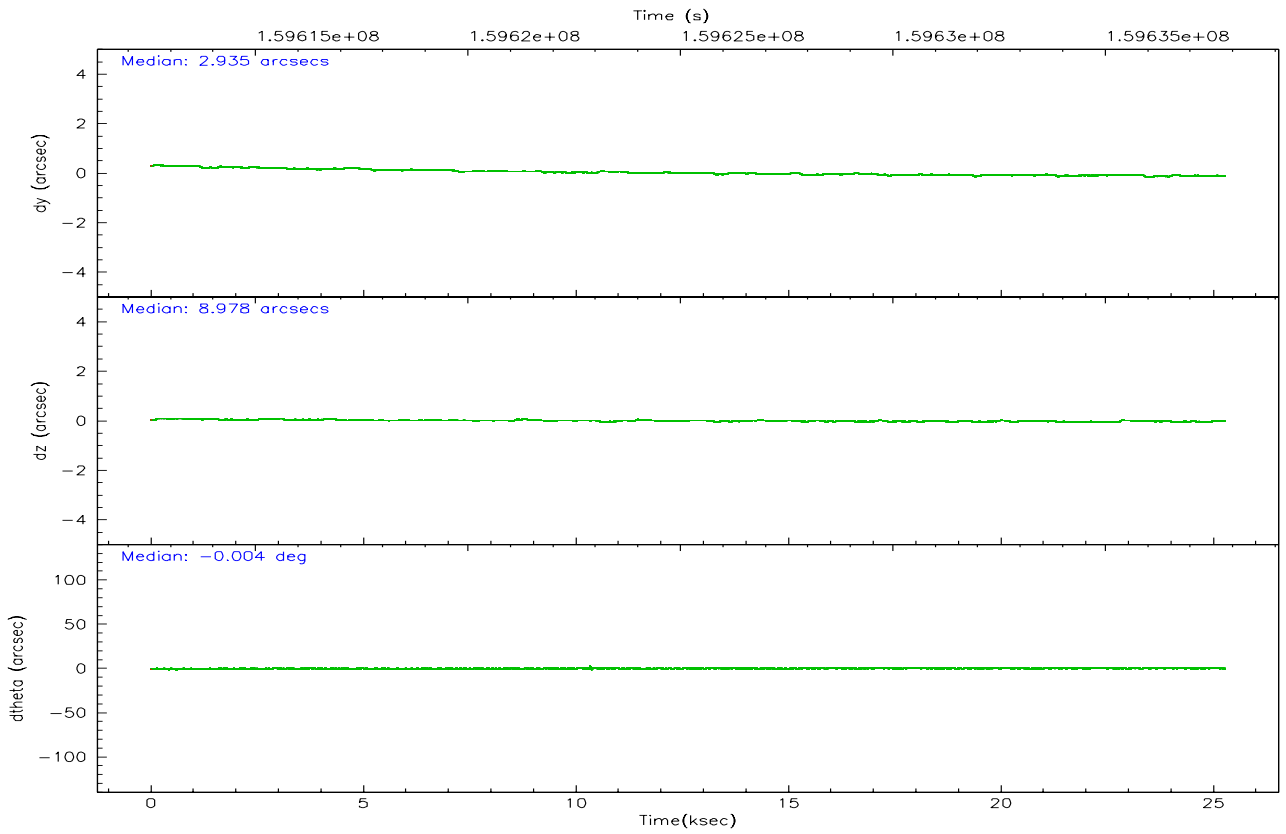
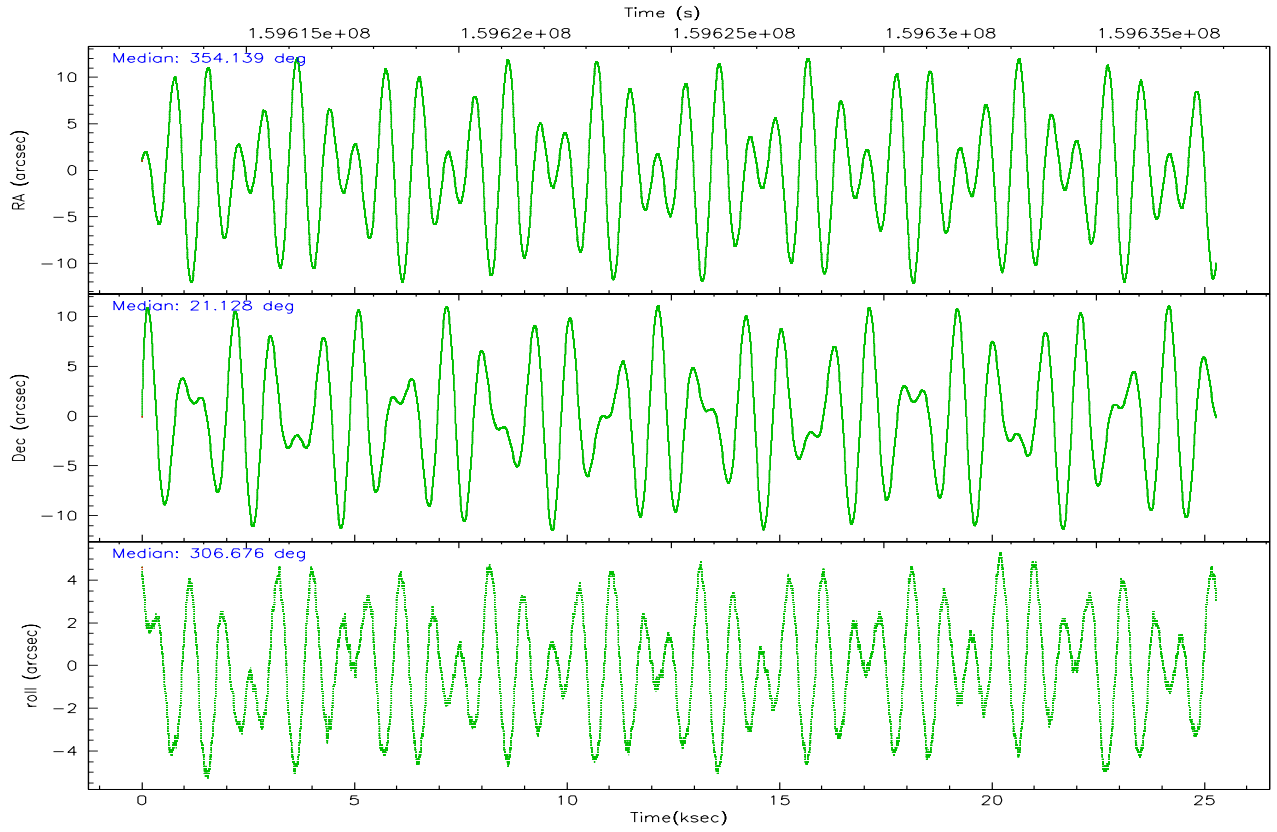
	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	4568	7649	6835	21273	12590
	3%	4%	4%	10%	7%
grade 1 events	54	98	64	107	115
	0%	0%	0%	0%	0%
grade 2 events	2493	25724	3090	32263	8176
	1%	14%	2%	15%	4%
grade 3 events	1461	2373	1590	10388	4234
	1%	1%	1%	5%	2%
grade 4 events	1379	2163	1652	10292	4043
	1%	1%	1%	5%	2%
grade 5 events	5028	9416	5097	11366	7198
	3%	5%	3%	5%	4%
grade 6 events	2387	46993	2853	47361	9851
	1%	26%	2%	23%	5%
grade 7 events	113491	81315	117199	72443	121652
	86%	46%	84%	35%	72%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-35678	ACIS-35678	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	354.111878	354.1388293680855	Alternating exposures requested	N	N
Pointing Dec	21.138788	21.12838283924292	Primary exposure time	0.000000	3.1
Pointing Roll	306.536441	306.6833449906462			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1425803651734			
SIM translation stage offset (mm)	0	0.01005778216563158			
Observation start time	159612823.184000	159611819.95697			
Observation start date	2003-01-22T08:52:39	2003-01-22T08:36:59			
Observation end time	159637823.184000	159638240.35808			
Observation end date	2003-01-22T15:49:19	2003-01-22T15:57:20			
Read mode	TIMED	TIMED			

2.3 Aspect



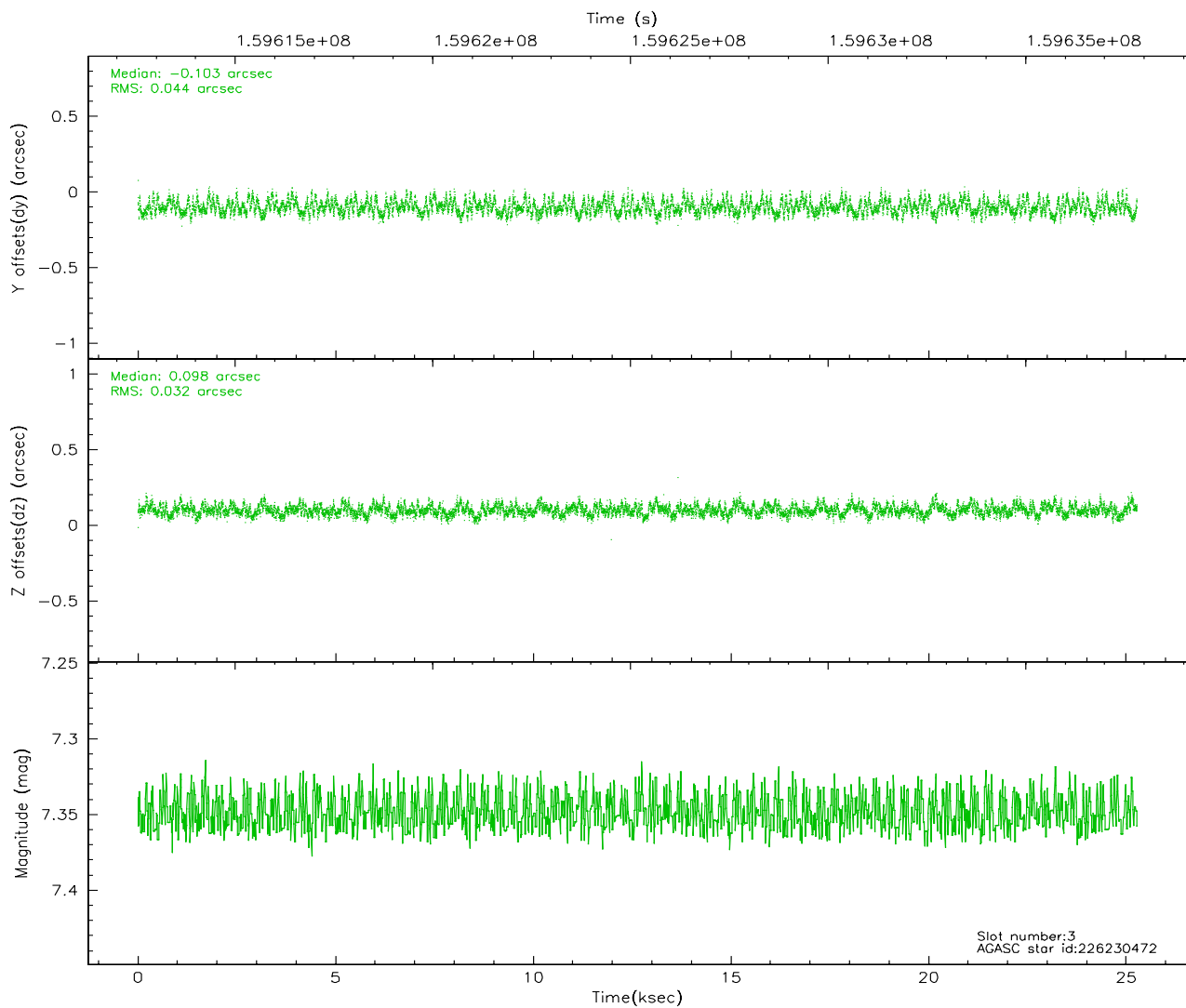
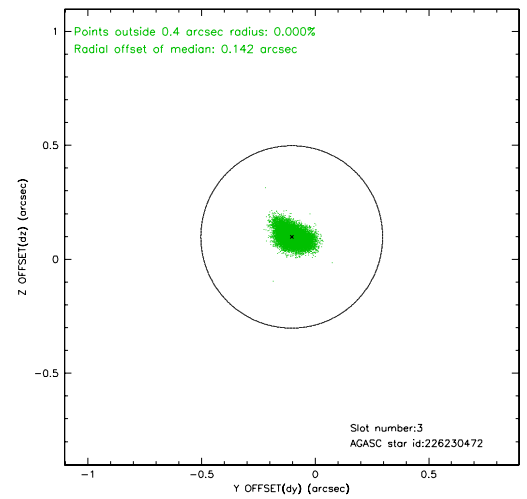
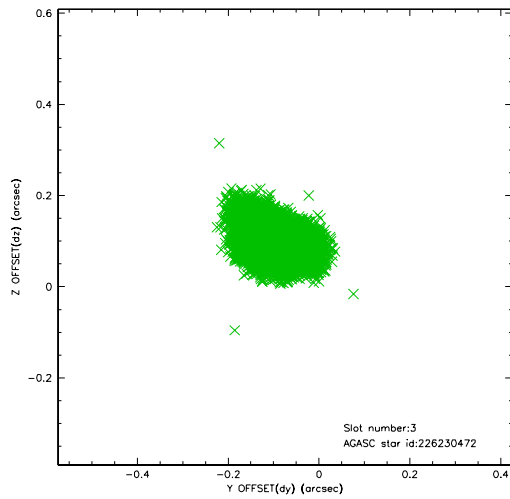


Slot Statistics

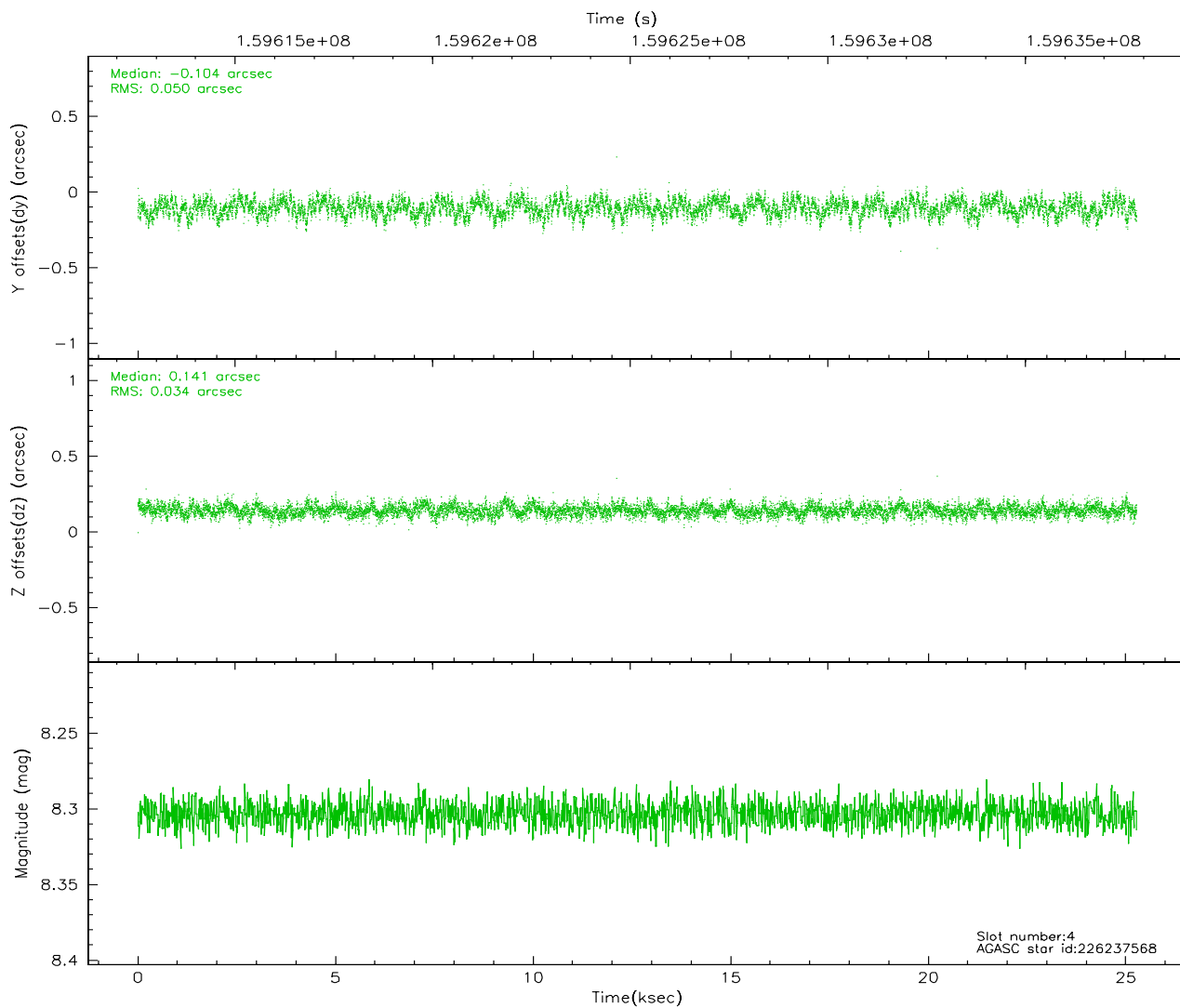
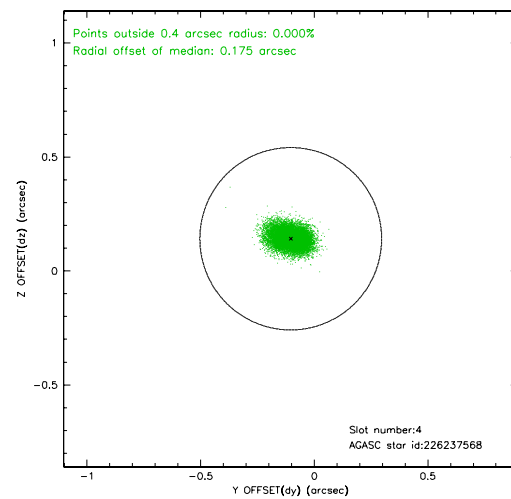
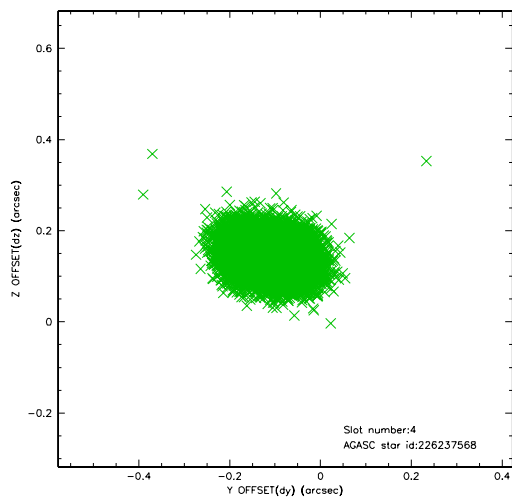
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	6165	-0.016	0.008	0.007	0.011	0.000000	0.000000	-755.61	-1730.15
1	FID	ACIS-S-4	7.20	6163	-0.038	0.006	0.009	0.015	0.000000	0.000000	2157.58	178.23
2	FID	ACIS-S-5	7.24	6163	0.023	-0.005	0.008	0.015	0.000000	0.000000	-1808.28	172.00
3	GUIDE	226230472	7.35	12328	-0.103	0.098	0.058	0.094	354.235456	21.723100	-1444.26	1584.65
4	GUIDE	226237568	8.30	12329	-0.104	0.141	0.065	0.105	354.127376	21.883597	-2123.72	1638.26
5	GUIDE	226246888	7.85	12327	0.151	-0.016	0.057	0.087	354.116209	20.665264	1378.93	-1002.66
6	GUIDE	226249024	9.11	12325	-0.142	-0.023	0.084	0.135	353.402926	21.423985	-2243.22	-1294.75
7	GUIDE	226246288	9.19	12321	0.192	-0.200	0.117	0.190	353.845579	20.365683	1701.30	-2378.33

2.4 Star Slots

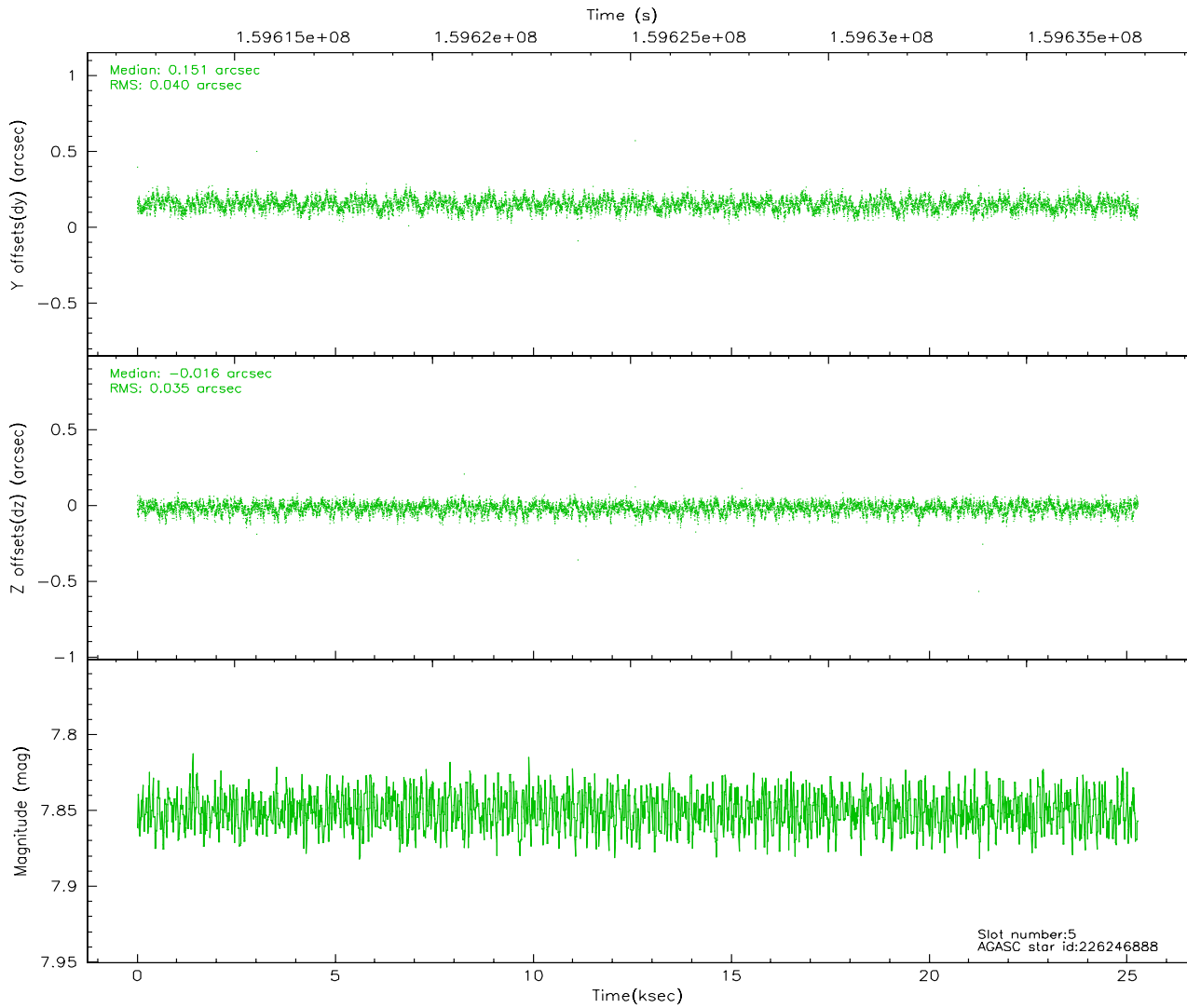
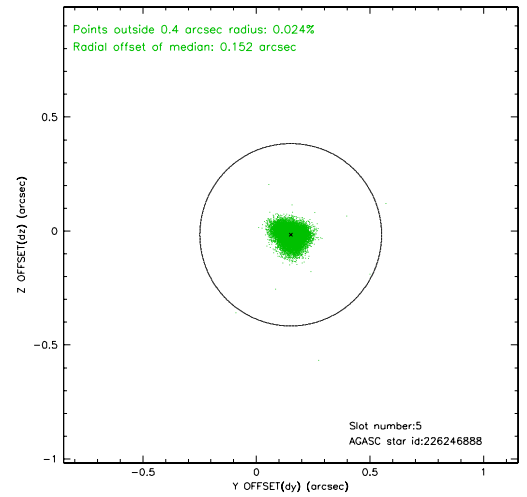
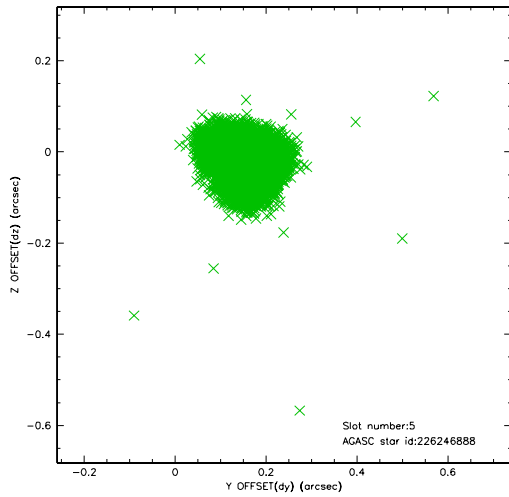
2.4.1 Slot 3



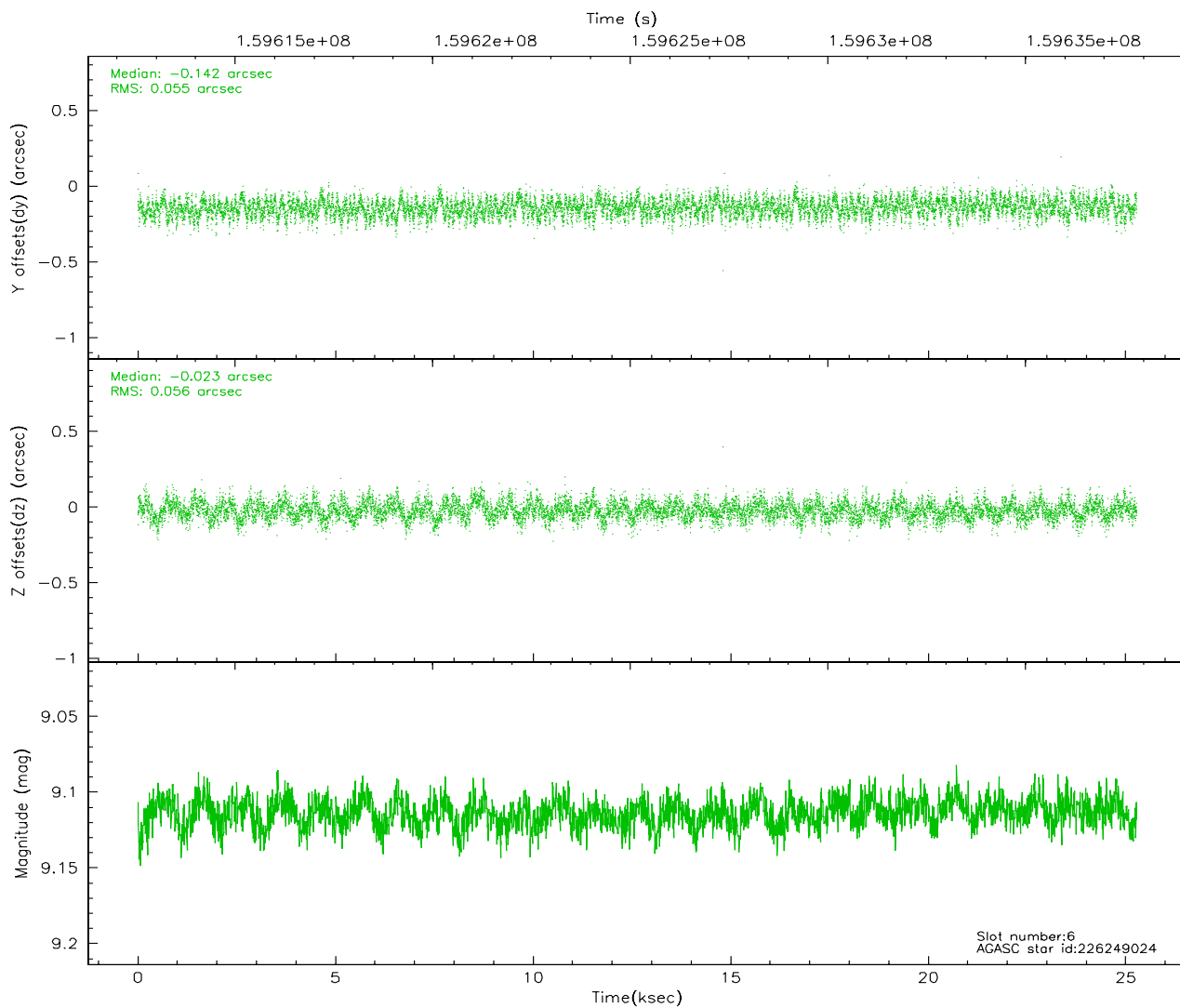
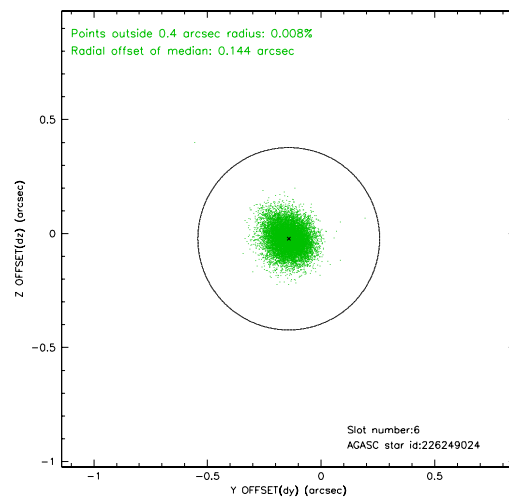
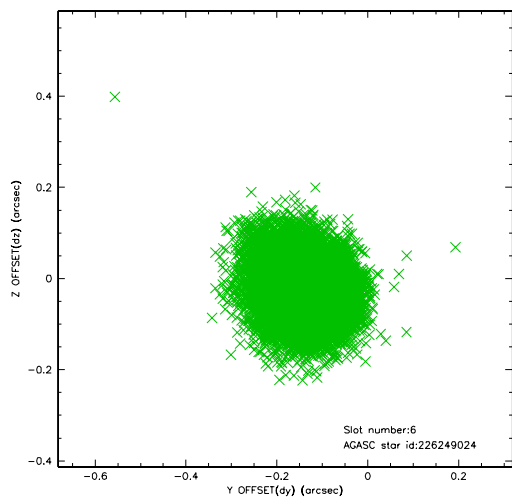
2.4.2 Slot 4



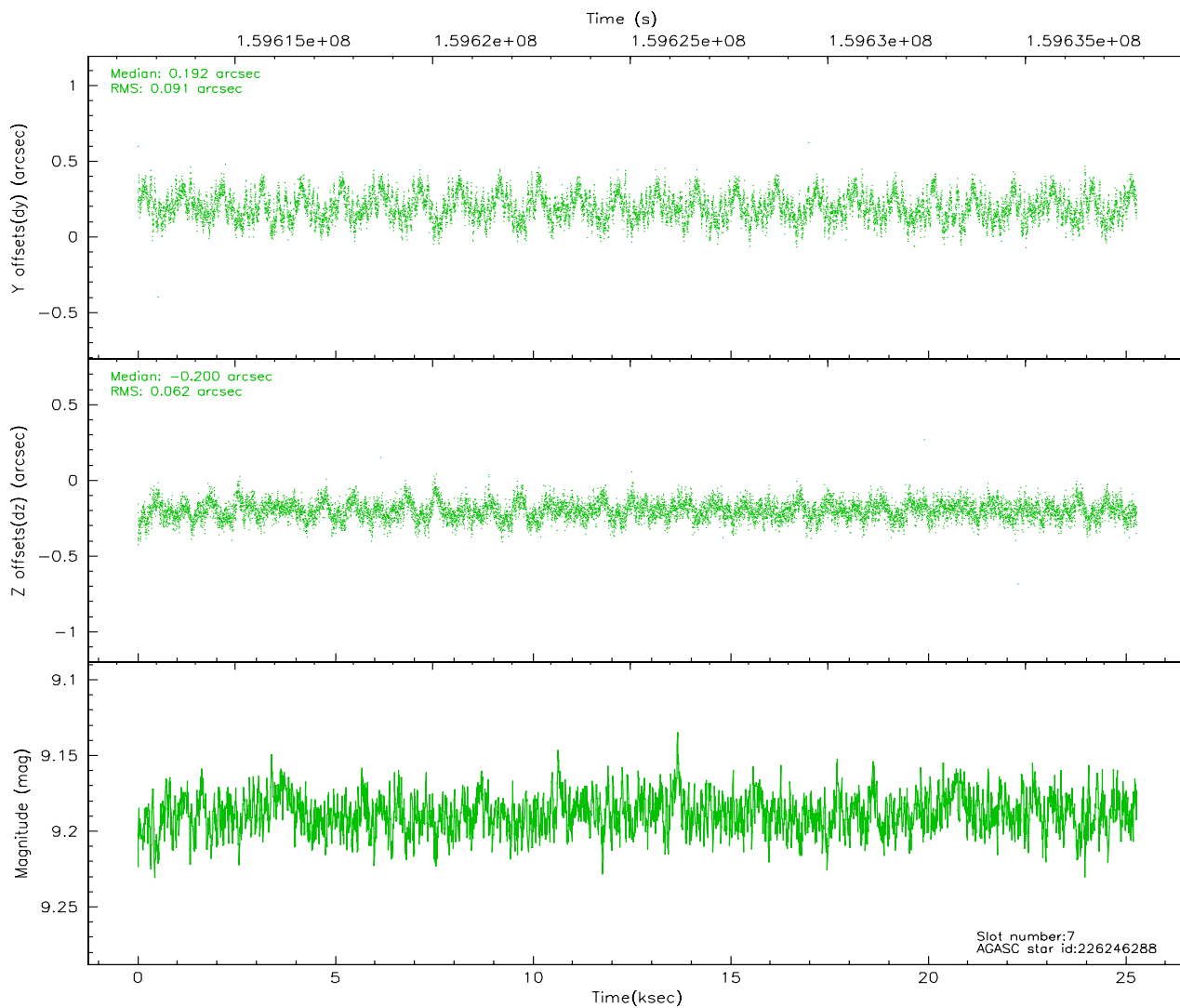
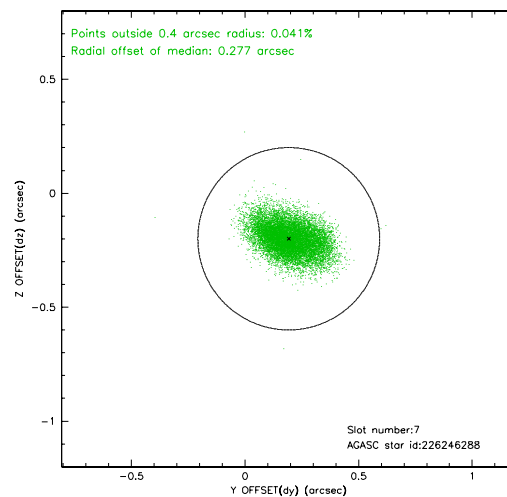
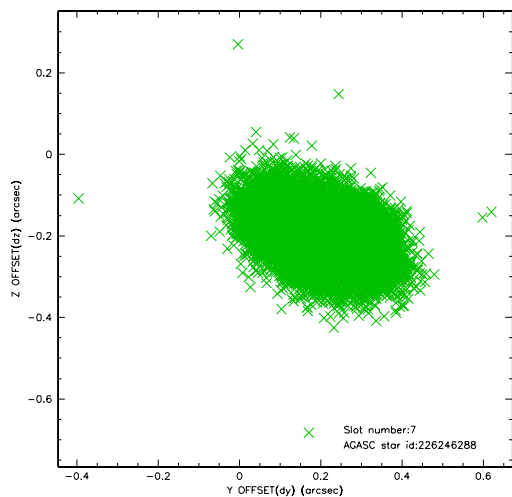
2.4.3 Slot 5



2.4.4 Slot 6

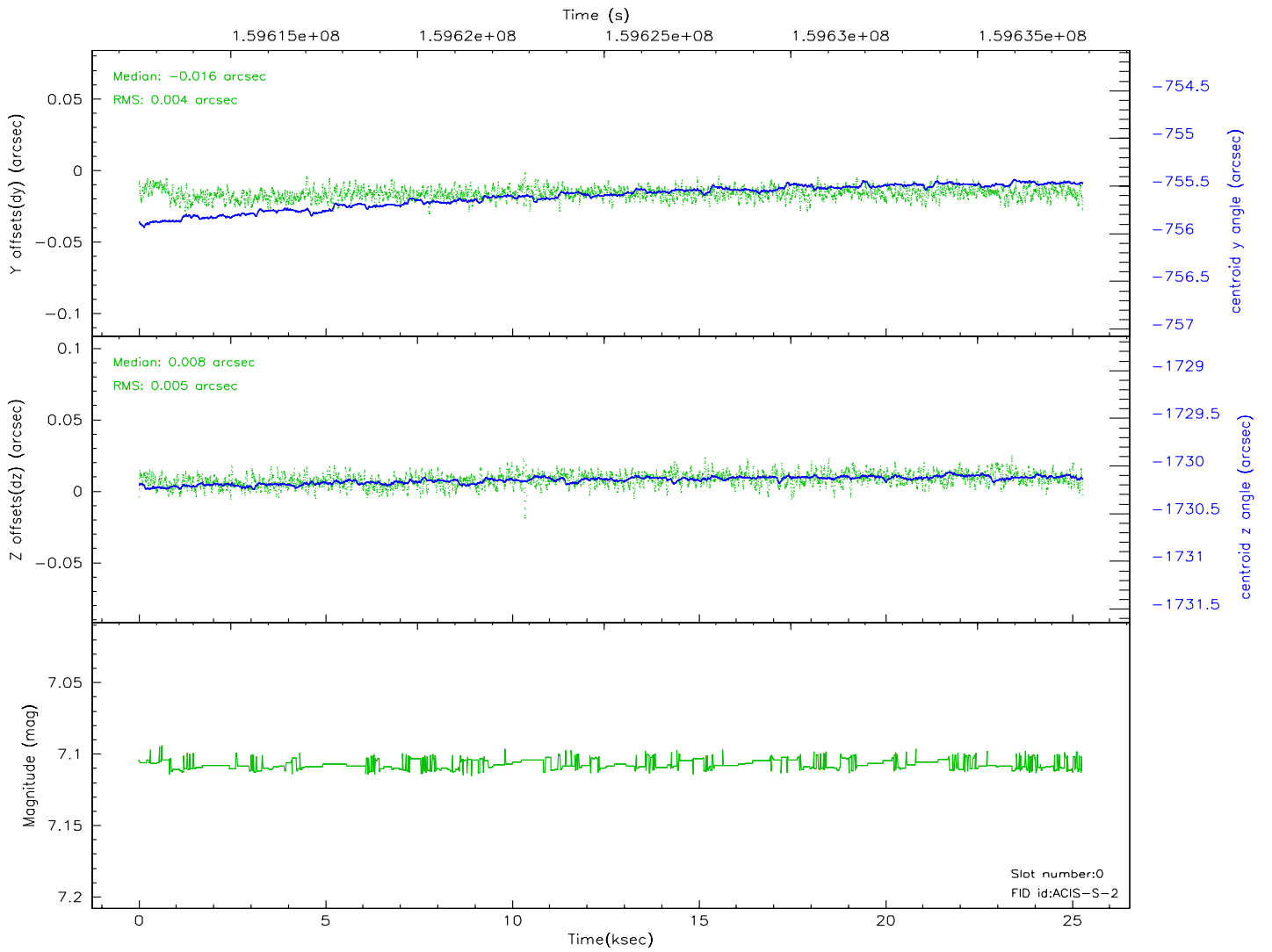
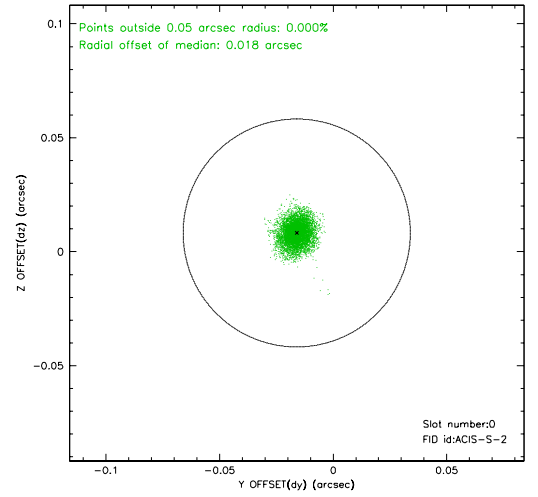
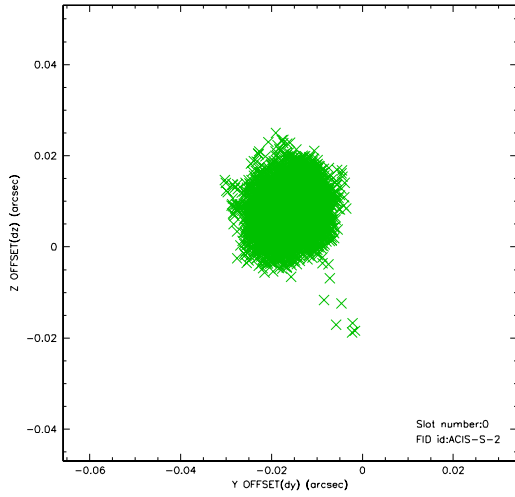


2.4.5 Slot 7

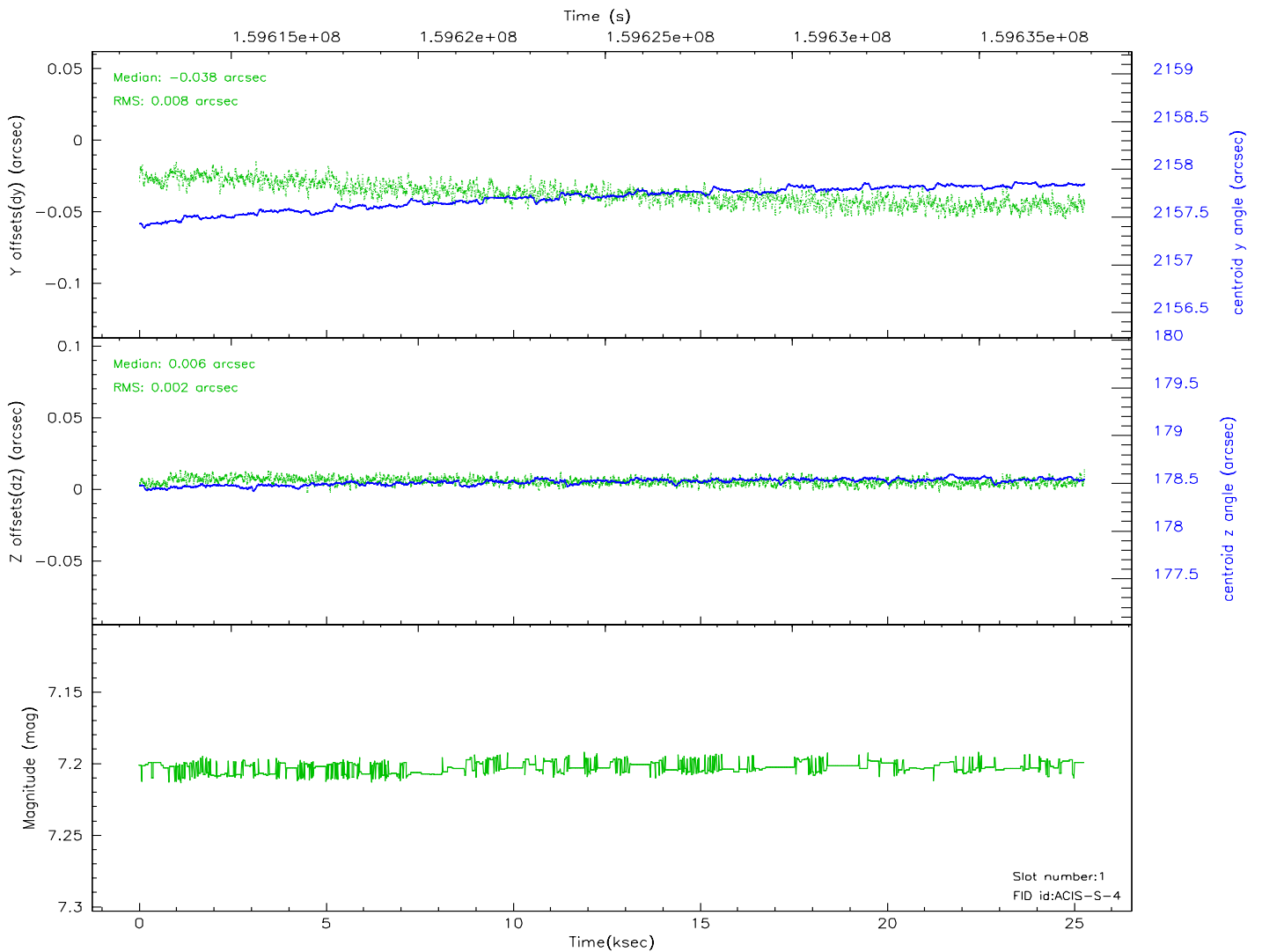
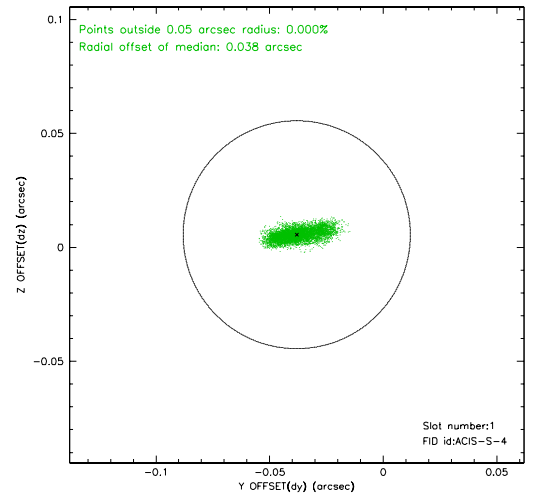
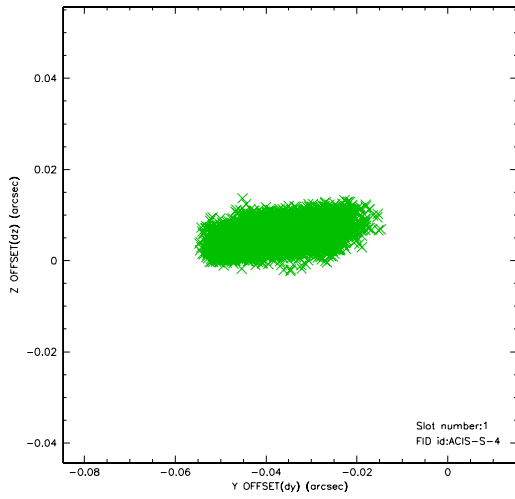


2.5 FID Slots

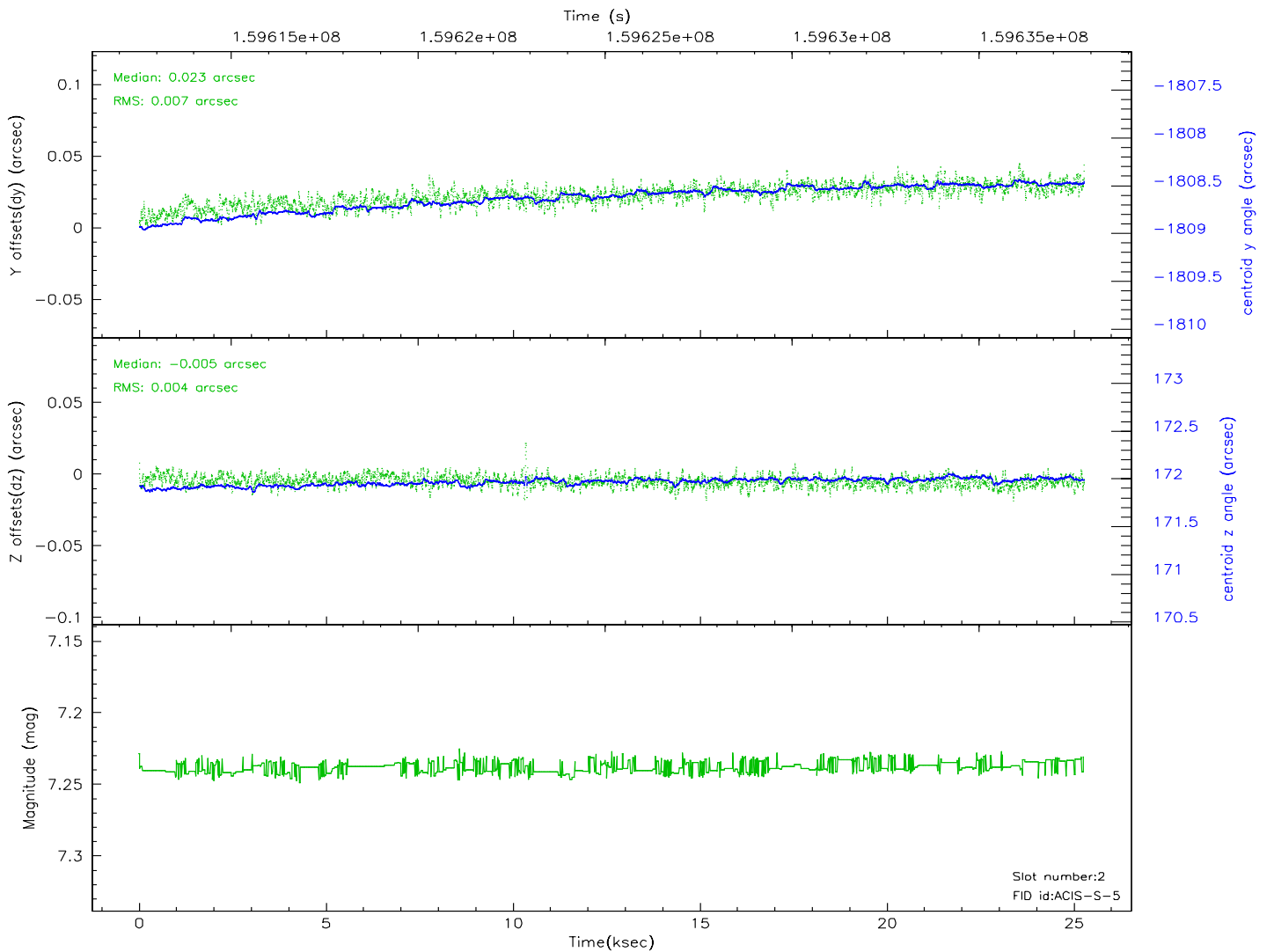
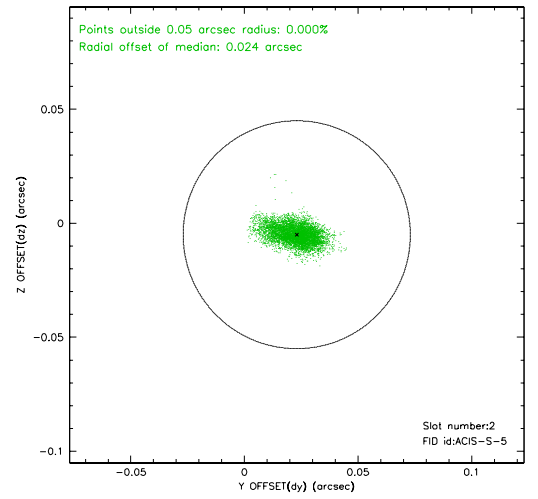
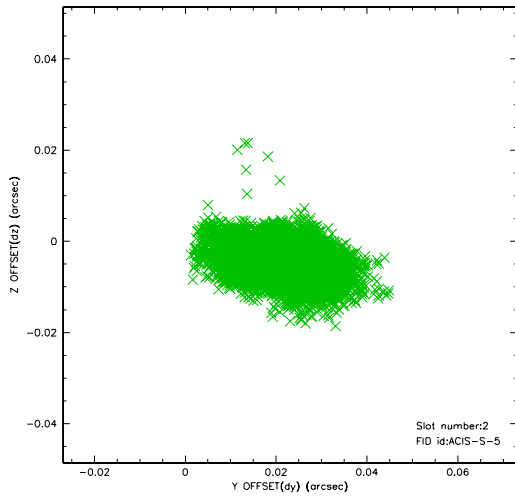
2.5.1 Slot 0



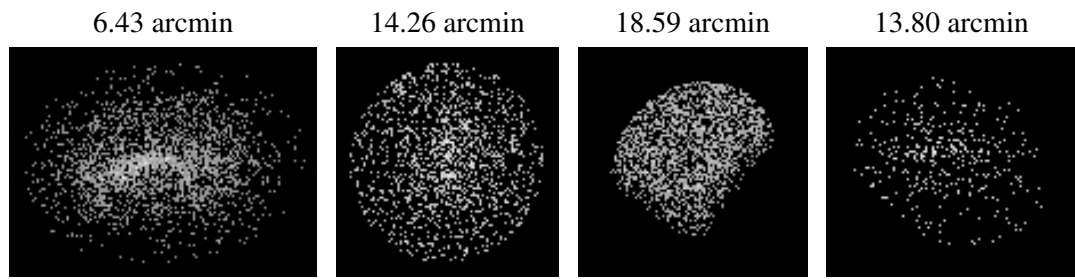
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.07.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	25.103

A.2 Comments